



Building knowledge

Job Order Contract Construction Task Catalog®

CSI Divisions 01 - 40 April 2023

Natividad Medical Center



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MEDICAL CENTER

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About the CTC:

- ☑ This Construction Task Catalog® (CTC) was developed and customized by The Gordian Group, Inc. specifically for **Natividad Medical Center**, priced locally using current labor, material and equipment costs, and published in April 2023.
- ☑ The Gordian Group, Inc. licenses the use of this CTC and other proprietary information and software for the sole purpose of providing Job Order Contracting services to **Natividad Medical Center**. Use of this CTC and other proprietary information and software for any other purpose, or for any other entity, is expressly prohibited without the express written consent of The Gordian Group, Inc.

MasterFormat™

- ☑ The Tasks in this CTC are organized using CSI's *MasterFormat*.



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The Unit Prices Include:

LABOR COSTS:

- ☑ Labor costs include direct labor through the working foreperson level at straight-time prevailing wage rates including fringe benefits and an allowance for Social Security, Medicare taxes, worker's compensation, unemployment insurance, and employee benefits.
- ☑ Labor costs include unloading equipment, materials, and tools, and transporting the same up or down 2 stories and 125' to reach the project site; layout; measuring and cutting to fit; performing the Task; disposal of excess material; and time for lunch and breaks.

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EQUIPMENT COSTS:

- ☑ Equipment costs include all equipment required to accomplish the Task.
- ☑ Mobilization is included for all equipment except large equipment (e.g. cranes, bulldozers, excavators, backhoes, bobcats etc.), which exclude mobilization.
- ☑ Equipment costs include all operating expenses such as fuel, electricity, lubricants, etc.

MATERIAL COSTS:

- ☑ Material costs include the cost of the material, delivery, and all incidentals and accessories integral to the installation.
- ☑ Material costs include manufacturer's and/or fabricator's shop drawings.
- ☑ Material costs for roofing, drywall, VCT, carpet, wall covering, ceiling tile, pipe, conduit, concrete, etc. include an allowance for waste. This list is not intended to be all inclusive, but descriptive of the types of construction materials that are typically sold in standard lengths, sizes and weights.
- ☑ Material costs for imported materials (e.g. aggregate, sand, soil, etc.) include delivery up to 15 miles from the closest approved source.

The Adjustment Factors Include:

The Adjustment Factors include the following costs, unless specifically excluded by the terms of the Contract Documents:

BUSINESS COSTS:

- ☑ Office overhead, including, but not limited to, office space, office equipment, office and management personnel, office supplies, and employee transportation.
- ☑ Insurance and bonding.
- ☑ Profit.

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- Job Order development services, Owner meetings, and other administrative services required by the Contract Documents.
- Subcontractor's overhead and profit.
- Cost of financing the work.
- Business risks such as the risk of a lower than expected volume of work, smaller than anticipated Job Orders, poor Subcontractor performance, and inflation or material cost fluctuations.

PROJECT RELATED COSTS:

- Project trailer, equipment and supplies, and portable toilets for Contractor's use.
- Project management and project supervision.
- Services required to complete project filings and obtain permits.
- Preparation and modification of sketches, drawings, submittals, as-built drawings, project photographs and other project records.
- Incidental engineering and architectural services.
- Gang boxes and storage containers for Contractor's tools, equipment and materials.
- Basic safety and warning signage, minor barricades (e.g., construction tape, etc.) and personnel safety equipment (e.g., hard hats, safety harnesses with lifeline or cabling, protective clothing, safety glasses, face shields, etc.).
- Meeting Owner's security requirements.
- All taxes for which a waiver is not available including material sales tax and equipment rental.
- Removing and returning Owner's furniture and furnishings (e.g. chairs, tables, pictures, etc. but excluding modular furniture, furnishings fastened to the wall or floor, safes and other furniture requiring disassembly).
- Sealing windows, doors and other openings with plastic to contain construction dust and debris within the work area, or to protect existing surfaces.
- Working in extreme temperatures (below or above normal) or adverse conditions such as rain, wind, sleet or snow.

- Costs resulting from inadequate supply of building materials, fuel, electricity, or skilled labor.
- Daily clean-up.
- Final professional clean-up.

PRICE VARIATIONS:

- Contractors may experience direct costs that are different than the unit prices set forth in the CTC. While diligent effort was made to provide accurate, unit prices, it is the Contractor's responsibility to review and analyze the unit prices, and to calculate, prior to bidding, the Adjustment Factors accordingly.

SUMMARY:

- This list is not exhaustive and is intended to provide general examples of costs to be included in the Contractor's Adjustment Factors.
- The only compensation to be paid to the Contractor for Tasks will be:

Unit Price	X	Quantity	X	Adjustment Factor
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- No additional payments of any kind whatsoever will be made.
- All costs in excess of the unit prices, must be included in the Adjustment Factors.

General Rules:

- Unit prices are for complete and in-place construction and include all labor, equipment and material required to complete the Task as described in the CTC.
- All labor, material, equipment, spare parts, and documents required by a Technical Specification shall be considered included in the unit price, unless the Task description states otherwise.
- If the Contractor uses a crane or other lifting equipment (except a truck mounted boom lift or

other equipment as part of the delivery process) to lift material onto a roof, even if that roof is less than 2 stories, the Contractor will be paid for such crane or lifting equipment as a separate Task.

- ☑ Unit prices include all fasteners such as anchor bolts, lag bolts, screws, adhesive, wedge anchors, expansion bolts, roofing clips (excluding hurricane clips) required. Fasteners listed separately in the CTC are for use with Owner furnished material and equipment or for relocating or reinstalling existing material and equipment.
- ☑ Unit prices exclude more substantial mounting material such as threaded rod or angle iron unless the Task description states otherwise.
- ☑ Unit prices for doors and windows, duct work, plumbing fixtures, seamless floors, countertops, roof flashing, pitch pockets, skylights, roof curbs, exterior trim, etc. include sealant and caulking.
- ☑ Unit prices include testing, calibrating, balancing, start-up services and the like required to ensure proper installation, construction and performance of the work (e.g. compaction test for backfill, balancing of heating ventilation and air conditioning, pneumatic or hydrostatic testing, soaping of joints, disinfection and flushing of water lines, etc.). Contractor may be paid for testing, calibrating, balancing, start-up services and the like for Owner supplied materials and equipment, or when working on or tying into existing materials and equipment.
- ☑ For the purpose of calculating the quantity of a Task, quantities are calculated on a per project basis. The quantity so determined shall be used for the Task and all appropriate modifiers, unless the Task states otherwise.
- ☑ Whenever there are alternative Tasks that may be selected to complete work, the Contractor shall select the most practical and economical Tasks available (e.g. rental of equipment by weeks or months rather than days, or painting by roller or spray rather than brush).

DEMOLITION:

- ☑ Unit prices for demolition include all labor, equipment and material required for the complete removal of the items; clean-up of the area; and

transporting the demolished items up or down 2 stories into a truck, dumpster, or to an Owner designated area, located within 125' of the project site.

- ☑ Unit prices for demolition exclude costs for hauling (See 01741900), dump fees (See 01741900), dumpsters (See 01741900), and trash chutes (See 01741900).
- ☑ If the item being demolished is attached to another item being removed and can be removed as one item, then that item shall not be priced as a separate demolition Task, unless the component must be demolished separately to accomplish the work (e.g. demolition of pipe includes pipe fittings unless the fitting must be demolished separately to accomplish the work; demolition of a wood door includes hinges, hardware, closures, kick plates, etc.).
- ☑ The word "replace" includes removal of the existing item and installation of the new item.
- ☑ The words "remove and relocate" or "remove and reinstall" include removal, cleaning, and installation of the existing item in either the same location or another location.
- ☑ Salvageable materials are the property of the Owner and shall, if directed, be turned over to the Owner.

WORKING HEIGHT:

- ☑ Typical working height for work other than masonry is up to 14' above the finished floor or stationary working surface. The Contractor will not be paid for scaffolding, lifts, or similar equipment for work below 14'.
- ☑ Typical working height for masonry work is up to 4' above the finished floor or stationary working surface. The Contractor will not be paid for scaffolding, lifts, or similar equipment for masonry work below 4'.

FIELD ENGINEERING:

- ☑ Surveying Tasks shall be used only when the Owner requests the Contractor to perform topographic surveys, property line surveys or to establish horizontal and vertical control points. If the

Using The Construction Task Catalog®

Owner provides horizontal and vertical control points within or adjacent to the project site, all other surveying required to complete the work shall be considered construction staking or layout, and the cost thereof is included in the appropriate Tasks.

ASSEMBLIES:

- ☑ Assembly Tasks take precedence over individual component Tasks.

RESTRICTED AND CONFINED SPACES:

- ☑ Restricted Working Space is defined as any area with less than 3' vertical or horizontal clearance and includes areas such as crawl spaces, ceiling plenums where the grid is not removed, narrow piping tunnels, and equipment rooms where the space to install the new work is congested as a result of equipment and piping placement that meet these dimensional restrictions. A Restricted Working Space modifier is available for certain mechanical piping and piping accessories Tasks and for certain electrical conduit and conduit accessories Tasks. Only those Tasks with a modifier for Restricted Working Space are eligible for a price adjustment, and then only if the modifier applies to the contemplated Tasks. A Non-Prepriced Task will not be allowed because of Restricted Working Space for any Task.
- ☑ The Code of Federal Regulations (29 CFR part 1926, Subpart AA) define confined spaces and permit-required confined spaces for construction and set forth requirements, procedures and safety precautions for working in such spaces. If the Contractor must work in a confined space or a permit-required confined space and must provide ventilation equipment, air monitoring equipment and services, entry attendants, entry supervisors, site-specific training for workers, or other equipment and services required by the regulations, then the Contractor shall be paid for such equipment, services and training. Those costs shall not be included in the Adjustment Factors.

Or Equals:

- ☑ Whenever material, products, or equipment is identified in the CTC, or in the Technical Specifications, by reference to a manufacturer's name, make or model number, the identification is intended to establish a standard. Any material, product, or equipment of another manufacturer may be considered an or-equal provided that, in the opinion of the Owner, the material, product, or equipment so proposed is of equal quality, substance and function to the named item. The Contractor shall not install any proposed material, product, or equipment without the prior written approval of the Owner. The burden of proof, and all costs related thereto, concerning whether the proposed material, product, or equipment is an or-equal, shall be borne by the Contractor.

Useful Information:

UNIT OF MEASURE DEFINITIONS:

ACR – Acre, **BAG** – Bag, **BBL** – Barrel, **BCY** - Bank (In-place) Cubic Yards, **BF** - Board Foot, **BOX** - Box (each), **BTU** - British Thermal Unit, **C** - One Hundred, **CCF** - One Hundred Cubic Feet, **CCY** - Compacted Cubic Yards, **CF** - Cubic Foot, **CFM** - Cubic Feet Per Minute, **CI** – Cubic Inch, **CLF** - One Hundred Linear Feet, **CSF** - One Hundred Square Feet, **CSY** - Hundred Square Yards, **CWT** - Hundred Weight, **CY** - Cubic Yard, **CYM** - Cubic Yard Mile, **DAY** – Day, **DRM** - Drum (each), **EA** – Each, **FLR** - Floor (Per Floor), **FT** – Foot, **GAL** – Gallon, **GSF** - Ground Square Foot, **HR** – Hour, **HWT** - Hundred Carton Weight, **HYR** – Half Year, **IN** – Inch, **JOB** – Job, **LAN** – Lane, **LB** – Pound, **LCY** - Loose (Excavated) Cubic Yards, **LF** - Linear Foot, **LFD** - Linear Feet Per Day, **LIT** – Liter, **LOT** – Lot, **MBF** - One Thousand Board Feet, **MBH** - One Thousand British Thermal Units, **MCF** – One Thousand Cubic Feet, **MF3** - One Thousand Cubic Feet Per Minute, **MGL** – One Thousand Gallons, **MI** – Mile, **MLF** - One

Thousand Linear Feet, **MO** – Month, **MSF** - One Thousand Square Feet, **MSY** - One Thousand Square Yards, **MT** – Metric Ton, **MTK** – Metric Ton Kilometer, **M2** – Square Meter, **M3K** – Cubic Meter Kilometer, **NTE** – Note, **OPN** – Opening, **OUT** - Outlet or Output (each), **OZ** – Ounce, **PKG** – Package, **PNT** – Point, **PR** – Pair, **QT** – Quart, **ROL** - Roll (each), **ROM** – Room, **ROW** – Row, **RSR** - Riser (Per Rise), **SEA** – Seat, **SET** – Set, **SF** - Square Foot, **SHT** – Sheet, **SI** - Square Inch, **STP** - Stop (each), **SQ** - Square or One Hundred Square Feet, **SY** - Square Yard, **SYI** – Inches per Square Yard, **TNM** - Tons per Mile, **TON** – Ton, **TRK** – Truck Load, **UI** - United Inch, **UNT** – Unit, **VLF** - Vertical Linear Foot, **WK** – Week, **YD** – Yard, **YR** – Year

MATERIAL WEIGHTS:

EARTHEN MATERIAL

- The following engineering values for establishing shrink/swell factors shall be used unless otherwise directed by the Owner.

Material	Material Weight (Lbs Per CY)		
	In-place (Bank)	Loose (Excavated Materials)	Compacted
Earth, Common (Average)	3170	2536	3520
Sand	2880	2590	3240
Earth, Rock Mix. (75% E/ 25% R)	3380	2370	3720
Earth, Rock Mix. (50% E/50% R)	3750	2710	4000
Earth, Rock Mix. (25% E/ 75% R)	4120	3140	3680
Gravel (Average)	3280	2730	3570
Limestone	4380	2690	3220
Riprap Rock (Average)	4500	2610	3150
Granite	4540	2640	3170
Basalt	4950	3020	3640
Clay	3220	2150	3570
Gneiss	4550	2720	3180

BULK FACTORS FOR DEMOLITION:

- The following bulk factors shall be used to calculate the volume of demolished material to be transported from the project site.

- **Asphalt** = 1.25
- **Concrete** = 1.40

CONVERSIONS:

1 Acre = 43,560 Square Feet = 4046.8 Square Meters

1 Board Foot = 12" x 12" x 1" = 144 Cubic Inches

1 Centimeter = 0.3937 Inches = 0.0328 Feet

1 Cubic Foot = 0.03704 Cubic Yards = 0.02832 Cubic Meters

1 Cubic Meter = 1.3080 Cubic Yards = 35.3147 Cubic Feet

1 Cubic Yard = 27 Cubic Feet = 0.7646 Cubic Meters

1 Foot = 12 Inches = 0.3048 Meters

1 Inch = 2.54 Centimeters = 0.0254 Meters

1 Kilogram = 2.2046 Pounds

1 Kilometer = 0.6214 Miles = 3280 Feet

1 Meter = 100 Centimeters = 3.2808 Feet

1 Mile = 5280 Feet = 1.6093 Kilometers

1 Pound = 0.4536 Kilograms

1 Square Foot = 144 Square Inches = .0929 Square Meters

1 Square Meter = 1.1960 Square Yards = 10.7639 Square Feet

1 Square Yard = 9 Square Feet = 0.8361 Square Meters

1 Ton = 2000 Pounds = 907.185 Kilograms

1 Yard = 3 Feet = 0.9144 Meters

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Sheet Metal Thickness (inches)				
Gage No.	Steel Sheet	Galvanized Steel Sheet	Stainless Steel Sheet	Aluminum Sheet
10	.135	.138	.141	
11	.120	.123	.125	
12	.105	.108	.109	
13	.090	.093	.094	.072
14	.075	.079	.078	.064
15	.067	.071	.070	.057
16	.060	.064	.063	.051
17	.054	.058	.056	.045
18	.048	.052	.050	.040
19	.042	.046	.044	.036
20	.036	.040	.038	.032
21	.033	.037	.034	.028
22	.030	.034	.031	.025
23	.027	.031	.028	.023
24	.024	.028	.025	.020
25	.021	.025	.022	.018
26	.018	.022	.019	.017

STANDARD GEOMETRY:

Circle

- Circumference = 2π radius = π diameter
- Area = π radius² = π (diameter² / 4)

Cylinder

- Volume = (π radius²) height
- Surface Area = 2π radius² + (2π radius) height

Sphere

- Volume = $(4 \pi$ radius³) / 3
- Surface Area = 4π radius²

$\pi = 3.14159$

United Inch

- The industry standard for measuring windows is the United Inch or UI. The UI is determined by adding the width and the height in inches.

TRADEMARKS

- Job Order Contracting Advanced, Job Order Contracting Complete, Job Order Contracting

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 General Requirements

01 20 Price and Payment Procedures ⁽⁰¹⁾

01 22 Unit Prices ^(01 20)

01 22 16 Unit Price Payment ^(01 22)

01 22 16 00-0001	Reimbursable Fees ^(01 22 16)	
	Note: Reimbursable fees include but are not limited to permits, special inspections, special insurance, additional warranties, tolls, expedited shipping costs, etc, which are not included in a task or an Adjustment Factor as explained in the Contract or The Construction Task Catalog®.	
01 22 16 00-0002	EA Reimbursable Fees.....	1.00
	Note: Reimbursable Fees will be paid to the contractor for eligible costs as directed by Owner. Insert the appropriate quantity to adjust the base cost to the actual Reimbursable Fee. If there are multiple Reimbursable Fees, list each one separately and add a comment in the "note" block to identify the Reimbursable Fee (e.g. sidewalk closure, road cut, various permits, extended warranty, expedited shipping costs, etc.). A copy of each receipt, invoice, or proof of payment shall be submitted with the Price Proposal.	
01 22 16 00-0003	Negotiated Travel Costs ^(01 22 16)	
	Note: To be used only at the request of authorized personal for non-commuting travel costs.	
01 22 16 00-0004	EA Negotiated Travel Costs	1.00
	Note: Supporting documentation must be included with each Work Order.	

01 22 20 Wage Rates ^(01 22)

01 22 20 00-0001	Local Labor/Wage Rates ^(01 22 20)	
	Note: Welders receive the rate prescribed for the craft performing the operation to which the welding is incidental. Supervising foreman use the craft performing the operation with the supervising foreman modifier.	
01 22 20 00-0002	HR Asbestos Removal Worker	83.99
	Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
	For Supervising Foreman, Add	4.20
	For Apprentice, Deduct	-16.80
01 22 20 00-0003	HR Insulator.....	114.67
	Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
	For Supervising Foreman, Add	5.73
	For Apprentice, Deduct	-22.93
01 22 20 00-0004	HR Boilermaker.....	107.64
	Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
	For Supervising Foreman, Add	5.38
	For Apprentice, Deduct	-21.53
01 22 20 00-0005	HR Brick Layer.....	103.44
	Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
	For Supervising Foreman, Add	5.17
	For Apprentice, Deduct	-20.69
01 22 20 00-0006	HR Carpenter.....	115.09
	Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
	For Supervising Foreman, Add	5.75
	For Apprentice, Deduct	-23.02
01 22 20 00-0007	HR Carpet, Linoleum	118.77
	Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
	For Supervising Foreman, Add	5.94
	For Apprentice, Deduct	-23.75
01 22 20 00-0008	HR Cement Mason	86.59
	Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
	For Supervising Foreman, Add	4.33
	For Apprentice, Deduct	-17.32
01 22 20 00-0009	HR Drywall Finisher	111.96
	Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
	For Supervising Foreman, Add	5.60
	For Apprentice, Deduct	-22.39
01 22 20 00-0010	HR Electrician	113.50
	Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
	For Supervising Foreman, Add	5.68
	For Apprentice, Deduct	-22.70
01 22 20 00-0011	HR Equipment Operator, Crane (Group 1-A).....	119.29
	Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
01 22 20 00-0012	HR Equipment Operator, Crane (Group 2-A).....	115.87
	Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
	For Supervising Foreman, Add	5.79
	For Apprentice, Deduct	-23.17
01 22 20 00-0013	HR Equipment Operator, Crane (Group 3-A).....	113.56
	Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
01 22 20 00-0014	HR Equipment Operator, Medium (Group 3)	113.04
	Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
	For Supervising Foreman, Add	5.65
	For Apprentice, Deduct	-22.61
01 22 20 00-0015	HR Equipment Operator, Medium (Group 4)	111.18
	Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
01 22 20 00-0016	HR Equipment Operator, Medium (Group 5)	109.48
	Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
01 22 20 00-0017	HR Equipment Operator, Light (Group 6)	107.70
	Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
	For Supervising Foreman, Add	5.39
	For Apprentice, Deduct	-21.54

01 General Requirements
01 20 Price and Payment Procedures
01 22 Unit Prices

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0018	HR		Equipment Operator, Light (Group 7) Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	106.17	
01 22 20 00-0019	HR		Equipment Operator, Light (Group 8) Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	104.65	
01 22 20 00-0020	HR		Glazier Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	113.78	
			<i>For Supervising Foreman, Add</i>	5.69	
			<i>For Apprentice, Deduct</i>	-22.76	
01 22 20 00-0021	HR		Laborer Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	81.58	
01 22 20 00-0022	HR		Lather..... Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	108.84	
			<i>For Supervising Foreman, Add</i>	5.44	
			<i>For Apprentice, Deduct</i>	-21.77	
01 22 20 00-0023	HR		Marble Setter Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	116.63	
			<i>For Supervising Foreman, Add</i>	5.83	
			<i>For Apprentice, Deduct</i>	-23.33	
01 22 20 00-0024	HR		Millwright..... Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	111.78	
			<i>For Supervising Foreman, Add</i>	5.59	
			<i>For Apprentice, Deduct</i>	-22.36	
01 22 20 00-0025	HR		Mold Removal Worker Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	85.39	
			<i>For Supervising Foreman, Add</i>	4.27	
			<i>For Apprentice, Deduct</i>	-17.08	
01 22 20 00-0026	HR		Painter, Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	97.52	
			<i>For Supervising Foreman, Add</i>	4.88	
			<i>For Apprentice, Deduct</i>	-19.50	
01 22 20 00-0027	HR		Painter, Structural Steel..... Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	100.90	
			<i>For Supervising Foreman, Add</i>	5.05	
			<i>For Apprentice, Deduct</i>	-20.18	
01 22 20 00-0028	HR		Paperhanger..... Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	97.52	
			<i>For Supervising Foreman, Add</i>	4.88	
			<i>For Apprentice, Deduct</i>	-19.50	
01 22 20 00-0029	HR		Pile Drivers Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	125.26	
			<i>For Supervising Foreman, Add</i>	6.26	
			<i>For Apprentice, Deduct</i>	-25.05	
01 22 20 00-0030	HR		Plasterer Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	105.65	
			<i>For Supervising Foreman, Add</i>	5.28	
			<i>For Apprentice, Deduct</i>	-21.13	
01 22 20 00-0031	HR		Plumber Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	114.68	
			<i>For Supervising Foreman, Add</i>	5.73	
			<i>For Apprentice, Deduct</i>	-22.94	
01 22 20 00-0032	HR		Powderman..... Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	85.74	
			<i>For Supervising Foreman, Add</i>	4.29	
			<i>For Apprentice, Deduct</i>	-17.15	
01 22 20 00-0033	HR		Rodman (Reinforcing)/Ornamental Steel Worker Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	99.92	
			<i>For Supervising Foreman, Add</i>	5.00	
			<i>For Apprentice, Deduct</i>	-19.98	
01 22 20 00-0034	HR		Roofer, Composite..... Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	116.15	
			<i>For Supervising Foreman, Add</i>	5.81	
			<i>For Apprentice, Deduct</i>	-23.23	
01 22 20 00-0035	HR		Roofer, Metal Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	141.90	
			<i>For Supervising Foreman, Add</i>	7.10	
			<i>For Apprentice, Deduct</i>	-28.38	
01 22 20 00-0036	HR		Roofer, Tile/Slate..... Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	112.54	
			<i>For Supervising Foreman, Add</i>	5.63	
			<i>For Apprentice, Deduct</i>	-22.51	
01 22 20 00-0037	HR		Sheet Metal Worker..... Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	117.75	
			<i>For Supervising Foreman, Add</i>	5.89	
			<i>For Apprentice, Deduct</i>	-23.55	
01 22 20 00-0038	HR		Sprinkler Installer..... Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	85.92	
			<i>For Supervising Foreman, Add</i>	4.30	
			<i>For Apprentice, Deduct</i>	-17.18	
01 22 20 00-0039	HR		Steam / Pipe Fitter Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	114.68	
			<i>For Supervising Foreman, Add</i>	5.73	
			<i>For Apprentice, Deduct</i>	-22.94	
01 22 20 00-0040	HR		Stone Mason..... Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	103.44	
			<i>For Supervising Foreman, Add</i>	5.17	
			<i>For Apprentice, Deduct</i>	-20.69	
01 22 20 00-0041	HR		Iron Worker (Structural) Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	103.34	
			<i>For Supervising Foreman, Add</i>	5.17	
			<i>For Apprentice, Deduct</i>	-20.67	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 22 20 00-0042	HR	Tile Layer.....	100.16	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	5.01	
		For Apprentice, Deduct	-20.03	
01 22 20 00-0043	HR	Terrazzo Worker.....	109.39	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	5.47	
		For Apprentice, Deduct	-21.88	
01 22 20 00-0044	HR	Truck Driver, Light (Group 1).....	84.78	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	4.24	
		For Apprentice, Deduct	-16.96	
01 22 20 00-0045		Rates For Services (01 22 20)		
01 22 20 00-0046	HR	Watch/Guard Person, Unarmed.....	32.53	
01 22 20 00-0047	HR	Watch/Guard Person, Armed.....	41.12	
01 22 20 00-0048	HR	Senior Surveyor (Party Chief).....	117.49	
01 22 20 00-0049	HR	Surveyor (Instrument person).....	111.26	
01 22 20 00-0050	HR	Surveyor (Rod Person).....	106.88	
01 22 20 00-0051	HR	On-Site Certified Materials Testing Technician.....	91.05	
01 22 20 00-0052	HR	Certified Industrial Hygienist.....	122.90	
01 22 20 00-0053	MI	Mileage For Professional Services (Engineering, Surveying, Etcetera).....	0.66	
		Note: For use only when the Owner directs the contractor to use personnel whose base of operations is more than 100 miles from the site. Quantity shall be miles that exceed 100.		
01 22 20 00-0054	HR	Fire Watch Laborer.....	81.58	
		Note: Fire watchers shall be required whenever welding or cutting is performed in locations where other than a minor fire might develop, or any of the following conditions exist: (1) Appreciable combustible material, in building construction or contents, closer than 35 feet (10.7 m) to the point of operation. (2) Appreciable combustibles are more than 35 feet (10.7 m) away but are easily ignited by sparks. (3) Wall or floor openings within a 35-foot (10.7 m) radius expose combustible material in adjacent areas including concealed spaces in walls or floors. (4) Combustible materials are adjacent to the opposite side of metal partitions, walls, ceilings, or roofs and are likely to be ignited by conduction or radiation.		
01 22 20 00-0055		Rates For Project Management Services (01 22 20)		
01 22 20 00-0056	HR	Project Manager.....	161.25	
01 22 20 00-0057		Rates For Architectural And Engineering Services (01 22 20)		
		Note: For preparation of contract documents, structural and/or design drawings, special investigating requirements or services outside required architectural and engineering services.		
01 22 20 00-0058	HR	Principal Architect.....	225.00	
01 22 20 00-0059	HR	Senior Architect.....	200.00	
01 22 20 00-0060	HR	Architect.....	150.00	
01 22 20 00-0061	HR	Principal Engineer.....	222.50	
01 22 20 00-0062	HR	Senior Engineer.....	172.50	
01 22 20 00-0063	HR	Engineer.....	135.00	
01 22 20 00-0064	HR	Draft Person.....	80.00	
01 22 20 00-0065		Rates For Traffic Control (01 22 20)		
01 22 20 00-0066	HR	Flagperson For Traffic Control.....	81.58	
01 22 20 00-0067		Mobilize Equipment (01 22 20)		
01 22 20 00-0068	HR	Escort Vehicle With Driver.....	93.07	
01 22 20 00-0069	HR	Transport Vehicle With Driver.....	131.32	
01 22 23		Equipment Usage (01 22)		
		Note: Includes fuel costs unless otherwise stated. These tasks shall be used for owned, leased or rented equipment. See CSI section 01 22 20 00-0065 for traffic control (where required), 01 71 13 00-0000 for equipment delivery, pickup, mobilization and demobilization.		
01 22 23 00-0001		Aerial Equipment (01 22 23)		
01 22 23 00-0002		Man Lifts (01 22 23 00-0001)		
		Note: Excludes operator, delivery, set-up, and removal.		
01 22 23 00-0003		Telescoping Boom Man Lifts With Platform (01 22 23 00-0002)		
01 22 23 00-0004		Engine Powered, Telescoping Boom Man Lifts With Platform (01 22 23 00-0003)		
		Note: Diesel or dual fuel (gasoline or liquid propane gas). Two-wheel drive. For use on unpaved or paved surfaces.		
01 22 23 00-0005	DAY	40' Engine Powered, Telescoping Boom Man Lift With Platform.....	490.79	
		For Four-Wheel Drive, Add	110.43	
01 22 23 00-0006	WK	40' Engine Powered, Telescoping Boom Man Lift With Platform.....	1,234.90	
		For Four-Wheel Drive, Add	277.85	
01 22 23 00-0007	MO	40' Engine Powered, Telescoping Boom Man Lift With Platform.....	2,770.60	
		For Four-Wheel Drive, Add	623.39	
01 22 23 00-0008	DAY	60' Engine Powered, Telescoping Boom Man Lift With Platform.....	720.36	
		For Four-Wheel Drive, Add	162.08	
01 22 23 00-0009	WK	60' Engine Powered, Telescoping Boom Man Lift With Platform.....	1,717.77	
		For Four-Wheel Drive, Add	386.50	
01 22 23 00-0010	MO	60' Engine Powered, Telescoping Boom Man Lift With Platform.....	3,760.10	
		For Four-Wheel Drive, Add	846.02	

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01 22 23 00-0011	DAY	80' Engine Powered, Telescoping Boom Man Lift With Platform <i>For Four-Wheel Drive, Add</i>	1,401.13 315.25
01 22 23 00-0012	WK	80' Engine Powered, Telescoping Boom Man Lift With Platform <i>For Four-Wheel Drive, Add</i>	3,395.96 764.09
01 22 23 00-0013	MO	80' Engine Powered, Telescoping Boom Man Lift With Platform <i>For Four-Wheel Drive, Add</i>	7,124.40 1,602.99
01 22 23 00-0014	DAY	110' Engine Powered, Telescoping Boom Man Lift With Platform <i>For Four-Wheel Drive, Add</i>	1,994.83 448.84
01 22 23 00-0015	WK	110' Engine Powered, Telescoping Boom Man Lift With Platform <i>For Four-Wheel Drive, Add</i>	4,803.43 1,080.77
01 22 23 00-0016	MO	110' Engine Powered, Telescoping Boom Man Lift With Platform <i>For Four-Wheel Drive, Add</i>	11,968.99 2,693.02
01 22 23 00-0017	DAY	120' Engine Powered, Telescoping Boom Man Lift With Platform <i>For Four-Wheel Drive, Add</i>	2,430.21 546.80
01 22 23 00-0018	WK	120' Engine Powered, Telescoping Boom Man Lift With Platform <i>For Four-Wheel Drive, Add</i>	6,198.23 1,394.60
01 22 23 00-0019	MO	120' Engine Powered, Telescoping Boom Man Lift With Platform <i>For Four-Wheel Drive, Add</i>	14,090.48 3,170.36

01 22 23 00-0020 Articulating (Up/Over) Boom Man Lifts With Platform (01 22 23 00-0002)

01 22 23 00-0021 Engine Powered, Articulating (Up/Over) Boom Man Lifts With Platform (01 22 23 00-0020)

Note: Diesel or dual fuel (gasoline or liquid propane gas). Four-wheel drive. For use on unpaved or paved surfaces.

01 22 23 00-0022	DAY	34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	401.94
01 22 23 00-0023	WK	34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,008.50
01 22 23 00-0024	MO	34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	2,426.26
01 22 23 00-0025	DAY	45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	511.56
01 22 23 00-0026	WK	45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,118.12
01 22 23 00-0027	MO	45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	2,775.58
01 22 23 00-0028	DAY	60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	657.72
01 22 23 00-0029	WK	60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,520.06
01 22 23 00-0030	MO	60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	3,398.22
01 22 23 00-0031	DAY	80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,147.36
01 22 23 00-0032	WK	80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	2,703.96
01 22 23 00-0033	MO	80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	6,575.74
01 22 23 00-0034	DAY	125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	2,228.94
01 22 23 00-0035	WK	125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	5,261.76
01 22 23 00-0036	MO	125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	12,862.08

01 22 23 00-0037 Electric, Articulating (Up/Over) Boom Man Lifts With Platform (01 22 23 00-0020)

Note: For use on paved surfaces.

01 22 23 00-0038	DAY	30' Electric, Articulating (Up/Over) Boom Man Lift With Platform	401.94
01 22 23 00-0039	WK	30' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,008.50
01 22 23 00-0040	MO	30' Electric, Articulating (Up/Over) Boom Man Lift With Platform	2,426.26
01 22 23 00-0041	DAY	35' Electric, Articulating (Up/Over) Boom Man Lift With Platform	401.94
01 22 23 00-0042	WK	35' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,008.50
01 22 23 00-0043	MO	35' Electric, Articulating (Up/Over) Boom Man Lift With Platform	2,426.26
01 22 23 00-0044	DAY	40' Electric, Articulating (Up/Over) Boom Man Lift With Platform	496.94
01 22 23 00-0045	WK	40' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,074.28
01 22 23 00-0046	MO	40' Electric, Articulating (Up/Over) Boom Man Lift With Platform	2,667.42
01 22 23 00-0047	DAY	45' Electric, Articulating (Up/Over) Boom Man Lift With Platform	496.94
01 22 23 00-0048	WK	45' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,074.28
01 22 23 00-0049	MO	45' Electric, Articulating (Up/Over) Boom Man Lift With Platform	2,667.42

01 22 23 00-0050 Platform Lifts (01 22 23 00-0001)

Note: Excludes operator, delivery, set-up, and removal.

01 22 23 00-0051 Electric, Scissor Platform Lifts (01 22 23 00-0050)

Note: For use on paved surfaces.

01 22 23 00-0052	DAY	17' Electric, Scissor Platform Lift	188.60
01 22 23 00-0053	WK	17' Electric, Scissor Platform Lift	377.19
01 22 23 00-0054	MO	17' Electric, Scissor Platform Lift	771.52
01 22 23 00-0055	DAY	20' Electric, Scissor Platform Lift	205.74
01 22 23 00-0056	WK	20' Electric, Scissor Platform Lift	411.48
01 22 23 00-0057	MO	20' Electric, Scissor Platform Lift	822.96
01 22 23 00-0058	DAY	25' Electric, Scissor Platform Lift	265.75
01 22 23 00-0059	WK	25' Electric, Scissor Platform Lift	531.50
01 22 23 00-0060	MO	25' Electric, Scissor Platform Lift	1,140.14
01 22 23 00-0061	DAY	30' Electric, Scissor Platform Lift	342.90
01 22 23 00-0062	WK	30' Electric, Scissor Platform Lift	677.23
01 22 23 00-0063	MO	30' Electric, Scissor Platform Lift	1,500.19
01 22 23 00-0064	DAY	33' Electric, Scissor Platform Lift	368.62
01 22 23 00-0065	WK	33' Electric, Scissor Platform Lift	720.09
01 22 23 00-0066	MO	33' Electric, Scissor Platform Lift	1,628.78
01 22 23 00-0067	DAY	40' Electric, Scissor Platform Lift	480.06
01 22 23 00-0068	WK	40' Electric, Scissor Platform Lift	1,191.58
01 22 23 00-0069	MO	40' Electric, Scissor Platform Lift	3,317.56

01 22 23 00-0070 Engine Powered, Scissor Platform Lifts (01 22 23 00-0050)

Note: Diesel or dual fuel (gasoline or liquid propane gas). Two-wheel drive. For use on unpaved or paved surfaces.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 22 23 00-0071	DAY 25' Engine Powered, Scissor Platform Lift..... <i>For Four-Wheel Drive, Add</i>	337.50 67.50	
01 22 23 00-0072	WK 25' Engine Powered, Scissor Platform Lift..... <i>For Four-Wheel Drive, Add</i>	660.00 132.00	
01 22 23 00-0073	MO 25' Engine Powered, Scissor Platform Lift..... <i>For Four-Wheel Drive, Add</i>	1,612.50 322.50	
01 22 23 00-0074	DAY 33' Engine Powered, Scissor Platform Lift..... <i>For Four-Wheel Drive, Add</i>	345.00 69.00	
01 22 23 00-0075	WK 33' Engine Powered, Scissor Platform Lift..... <i>For Four-Wheel Drive, Add</i>	787.50 157.50	
01 22 23 00-0076	MO 33' Engine Powered, Scissor Platform Lift..... <i>For Four-Wheel Drive, Add</i>	1,725.00 345.00	
01 22 23 00-0077	DAY 40' Engine Powered, Scissor Platform Lift..... <i>For Four-Wheel Drive, Add</i>	382.50 76.50	
01 22 23 00-0078	WK 40' Engine Powered, Scissor Platform Lift..... <i>For Four-Wheel Drive, Add</i>	877.50 175.50	
01 22 23 00-0079	MO 40' Engine Powered, Scissor Platform Lift..... <i>For Four-Wheel Drive, Add</i>	1,950.00 390.00	
01 22 23 00-0080	DAY 43' Engine Powered, Scissor Platform Lift..... <i>For Four-Wheel Drive, Add</i>	405.00 81.00	
01 22 23 00-0081	WK 43' Engine Powered, Scissor Platform Lift..... <i>For Four-Wheel Drive, Add</i>	945.00 189.00	
01 22 23 00-0082	MO 43' Engine Powered, Scissor Platform Lift..... <i>For Four-Wheel Drive, Add</i>	2,325.00 465.00	
01 22 23 00-0083	DAY 50' Engine Powered, Scissor Platform Lift..... <i>For Four-Wheel Drive, Add</i>	757.50 151.50	
01 22 23 00-0084	WK 50' Engine Powered, Scissor Platform Lift..... <i>For Four-Wheel Drive, Add</i>	1,665.00 333.00	
01 22 23 00-0085	MO 50' Engine Powered, Scissor Platform Lift..... <i>For Four-Wheel Drive, Add</i>	4,095.00 819.00	

01 22 23 00-0086 Personnel Lifts (01 22 23 00-0001)

Note: Includes delivery to job site and pick-up when complete. Excludes operator. For use on paved surfaces.

01 22 23 00-0087	DAY 24', Push-Type, Electric Single Man Personnel Lift.....	157.66	
01 22 23 00-0088	WK 24', Push-Type, Electric Single Man Personnel Lift.....	446.71	
01 22 23 00-0089	MO 24', Push-Type, Electric Single Man Personnel Lift.....	902.18	
01 22 23 00-0090	DAY 30', Push-Type, Electric Single Man Personnel Lift.....	218.98	
01 22 23 00-0091	WK 30', Push-Type, Electric Single Man Personnel Lift.....	464.23	
01 22 23 00-0092	MO 30', Push-Type, Electric Single Man Personnel Lift.....	1,576.62	
01 22 23 00-0093	DAY 36', Push-Type, Electric Single Man Personnel Lift.....	367.88	
01 22 23 00-0094	WK 36', Push-Type, Electric Single Man Personnel Lift.....	893.42	
01 22 23 00-0095	MO 36', Push-Type, Electric Single Man Personnel Lift.....	2,610.18	
01 22 23 00-0096	DAY 40', Push-Type, Electric Single Man Personnel Lift.....	394.16	
01 22 23 00-0097	WK 40', Push-Type, Electric Single Man Personnel Lift.....	981.01	
01 22 23 00-0098	MO 40', Push-Type, Electric Single Man Personnel Lift.....	2,951.78	
01 22 23 00-0099	DAY 15', Self-Propelled, Electric Single Man Personnel Lift.....	210.22	
01 22 23 00-0100	WK 15', Self-Propelled, Electric Single Man Personnel Lift.....	420.43	
01 22 23 00-0101	MO 15', Self-Propelled, Electric Single Man Personnel Lift.....	840.86	
01 22 23 00-0102	DAY 20', Self-Propelled, Electric Single Man Personnel Lift.....	210.22	
01 22 23 00-0103	WK 20', Self-Propelled, Electric Single Man Personnel Lift.....	420.43	
01 22 23 00-0104	MO 20', Self-Propelled, Electric Single Man Personnel Lift.....	874.15	

01 22 23 00-0105 Bucket Trucks (01 22 23 00-0001)

Note: Includes full-time operator, delivery, and removal.

01 22 23 00-0106	DAY 29' Bucket Truck With Full-Time Operator.....	1,136.43	
	<i>For Equipment Without Operator, Deduct</i>	-685.10	
01 22 23 00-0107	WK 29' Bucket Truck With Full-Time Operator.....	4,779.51	
	<i>For Equipment Without Operator, Deduct</i>	-3,425.52	
01 22 23 00-0108	MO 29' Bucket Truck With Full-Time Operator.....	18,290.42	
	<i>For Equipment Without Operator, Deduct</i>	-14,843.90	
01 22 23 00-0109	DAY 38' Bucket Truck With Full-Time Operator.....	1,193.87	
	<i>For Equipment Without Operator, Deduct</i>	-685.10	
01 22 23 00-0110	WK 38' Bucket Truck With Full-Time Operator.....	4,964.14	
	<i>For Equipment Without Operator, Deduct</i>	-3,425.52	
01 22 23 00-0111	MO 38' Bucket Truck With Full-Time Operator.....	18,782.78	
	<i>For Equipment Without Operator, Deduct</i>	-14,843.90	
01 22 23 00-0112	DAY 48' Bucket Truck With Full-Time Operator.....	1,341.58	
	<i>For Equipment Without Operator, Deduct</i>	-685.10	
01 22 23 00-0113	WK 48' Bucket Truck With Full-Time Operator.....	5,230.84	
	<i>For Equipment Without Operator, Deduct</i>	-3,425.52	
01 22 23 00-0114	MO 48' Bucket Truck With Full-Time Operator.....	19,357.20	
	<i>For Equipment Without Operator, Deduct</i>	-14,843.90	
01 22 23 00-0115	DAY 62' Bucket Truck With Full-Time Operator.....	1,669.82	
	<i>For Equipment Without Operator, Deduct</i>	-685.10	
01 22 23 00-0116	WK 62' Bucket Truck With Full-Time Operator.....	6,297.62	
	<i>For Equipment Without Operator, Deduct</i>	-3,425.52	
01 22 23 00-0117	MO 62' Bucket Truck With Full-Time Operator.....	22,229.30	
	<i>For Equipment Without Operator, Deduct</i>	-14,843.90	
01 22 23 00-0118	DAY 85' Bucket Truck With Full-Time Operator.....	1,833.94	
	<i>For Equipment Without Operator, Deduct</i>	-685.10	
01 22 23 00-0119	WK 85' Bucket Truck With Full-Time Operator.....	6,872.04	
	<i>For Equipment Without Operator, Deduct</i>	-3,425.52	
01 22 23 00-0120	MO 85' Bucket Truck With Full-Time Operator.....	24,280.80	
	<i>For Equipment Without Operator, Deduct</i>	-14,843.90	
01 22 23 00-0121	Day 105' Bucket Truck With Full-Time Operator.....	1,916.00	
	<i>For Equipment Without Operator, Deduct</i>	-685.10	

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TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 22 23 00-0122	WK	105' Bucket Truck With Full-Time Operator	7,118.22
		<i>For Equipment Without Operator, Deduct</i>	-3,425.52
01 22 23 00-0123	MO	105' Bucket Truck With Full-Time Operator	24,477.74
		<i>For Equipment Without Operator, Deduct</i>	-14,843.90

01 22 23 00-0124 Air Equipment (01 22 23)

01 22 23 00-0125 Air Compressors (01 22 23 00-0124)

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-0126	DAY	100 CFM Diesel Powered Portable Air Compressor	182.14
01 22 23 00-0127	WK	100 CFM Diesel Powered Portable Air Compressor	546.41
01 22 23 00-0128	MO	100 CFM Diesel Powered Portable Air Compressor	1,517.81
01 22 23 00-0129	DAY	130 CFM Diesel Powered Portable Air Compressor	218.56
01 22 23 00-0130	WK	130 CFM Diesel Powered Portable Air Compressor	643.55
01 22 23 00-0131	MO	130 CFM Diesel Powered Portable Air Compressor	1,821.38
01 22 23 00-0132	DAY	185 CFM Diesel Powered Portable Air Compressor	291.42
01 22 23 00-0133	WK	185 CFM Diesel Powered Portable Air Compressor	655.70
01 22 23 00-0134	MO	185 CFM Diesel Powered Portable Air Compressor	1,444.96
01 22 23 00-0135	DAY	375 CFM Diesel Powered Portable Air Compressor	412.84
01 22 23 00-0136	WK	375 CFM Diesel Powered Portable Air Compressor	1,044.26
01 22 23 00-0137	MO	375 CFM Diesel Powered Portable Air Compressor	2,489.21
01 22 23 00-0138	DAY	600 CFM Diesel Powered Portable Air Compressor	917.97
01 22 23 00-0139	WK	600 CFM Diesel Powered Portable Air Compressor	2,209.94
01 22 23 00-0140	MO	600 CFM Diesel Powered Portable Air Compressor	5,507.84
01 22 23 00-0141	DAY	750 CFM Diesel Powered Portable Air Compressor	1,104.97
01 22 23 00-0142	WK	750 CFM Diesel Powered Portable Air Compressor	2,719.92
01 22 23 00-0143	MO	750 CFM Diesel Powered Portable Air Compressor	6,678.38
01 22 23 00-0144	DAY	825 CFM Diesel Powered Portable Air Compressor	1,104.97
01 22 23 00-0145	WK	825 CFM Diesel Powered Portable Air Compressor	2,719.92
01 22 23 00-0146	MO	825 CFM Diesel Powered Portable Air Compressor	6,678.38
01 22 23 00-0147	DAY	1,300 CFM Diesel Powered Portable Air Compressor	1,287.10
01 22 23 00-0148	WK	1,300 CFM Diesel Powered Portable Air Compressor	2,885.06
01 22 23 00-0149	MO	1,300 CFM Diesel Powered Portable Air Compressor	7,693.49
01 22 23 00-0150	DAY	1,600 CFM Diesel Powered Portable Air Compressor	1,602.81
01 22 23 00-0151	WK	1,600 CFM Diesel Powered Portable Air Compressor	3,606.32
01 22 23 00-0152	MO	1,600 CFM Diesel Powered Portable Air Compressor	9,616.86

01 22 23 00-0153 Portable Negative Air Machines (01 22 23 00-0124)

Note: A Negative Air Machine is used in a sealed containment area to filter air and exhaust the filtered air through ducting to a location outside the sealed containment area. Includes delivery to job site and pick-up when complete. Excludes all filters and duct.

01 22 23 00-0154	DAY	Up To 2,000 CFM, Portable Negative Air Machine	81.38
01 22 23 00-0155	WK	Up To 2,000 CFM, Portable Negative Air Machine	334.24
01 22 23 00-0156	MO	Up To 2,000 CFM, Portable Negative Air Machine	1,009.97
01 22 23 00-0157	EA	Replacement Prefilter, Dual Ply Polyester Pad For Negative Air Machine	28.27
01 22 23 00-0158	EA	First Stage Pre-Filter For Portable Negative Air Machines	14.84
01 22 23 00-0159	EA	Second Stage Pre-Filter For Portable Negative Air Machines	35.82
01 22 23 00-0160	EA	High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Portable Negative Air Machines	190.36
		Note: For use on monthly rental units over three months	
01 22 23 00-0161	LF	Flexible Exhaust Duct For Portable Negative Air Machines	2.29
01 22 23 00-0162	EA	Move Negative Air Equipment And Discharge Duct	32.87

01 22 23 00-0163 Portable Air Scrubbers (01 22 23 00-0124)

Note: A Portable Air Scrubber filters and recirculates the filtered air into the same space and does not use ducting to exhaust the filtered air to a different location. Includes delivery to job site and pick-up when complete. Excludes all filters.

01 22 23 00-0164	DAY	Up To 1,000 CFM, Portable Air Scrubber	91.62
01 22 23 00-0165	WK	Up To 1,000 CFM, Portable Air Scrubber	380.85
01 22 23 00-0166	MO	Up To 1,000 CFM, Portable Air Scrubber	1,054.22
01 22 23 00-0167	DAY	>1,000 to 2,000 CFM, Portable Air Scrubber	115.91
01 22 23 00-0168	WK	>1,000 to 2,000 CFM, Portable Air Scrubber	480.20
01 22 23 00-0169	MO	>1,000 to 2,000 CFM, Portable Air Scrubber	1,407.47
01 22 23 00-0170	DAY	>2,000 To 5,000 CFM, Portable Air Scrubber	149.03
01 22 23 00-0171	WK	>2,000 To 5,000 CFM, Portable Air Scrubber	634.74
01 22 23 00-0172	MO	>2,000 To 5,000 CFM, Portable Air Scrubber	1,777.28
01 22 23 00-0173	EA	First Stage Pre-Filter For Portable Air Scrubbers	21.47
01 22 23 00-0174	EA	Second Stage Pre-Filter For Portable Air Scrubbers	30.30
01 22 23 00-0175	EA	High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Portable Air Scrubbers	322.83

01 22 23 00-0176 Compaction And Paving Equipment (01 22 23)

01 22 23 00-0177 Pavers And Rollers (01 22 23 00-0176)

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0178 Pavers (01 22 23 00-0177)

01 22 23 00-0179	DAY	10' Wide Paving Machine With Full-Time Operator	4,182.63
		<i>For Equipment Without Operator, Deduct</i>	-904.35
01 22 23 00-0180	WK	10' Wide Paving Machine With Full-Time Operator	17,634.89
		<i>For Equipment Without Operator, Deduct</i>	-4,521.76
01 22 23 00-0181	MO	10' Wide Paving Machine With Full-Time Operator	66,427.69
		<i>For Equipment Without Operator, Deduct</i>	-19,594.28

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 22 23 00-0182	Ride-On Self-Propelled, Rubber Tire Rollers <small>(01 22 23 00-0177)</small>	
01 22 23 00-0183	DAY 10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,293.52 -904.35
01 22 23 00-0184	WK 10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,698.82 -4,521.76
01 22 23 00-0185	MO 10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	22,789.55 -19,594.28
01 22 23 00-0186	DAY 15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,443.72 -904.35
01 22 23 00-0187	WK 15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	6,815.80 -4,521.76
01 22 23 00-0188	MO 15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	24,475.94 -19,594.28
01 22 23 00-0189	DAY 30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,450.55 -904.35
01 22 23 00-0190	WK 30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	6,372.01 -4,521.76
01 22 23 00-0191	MO 30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	24,803.66 -19,594.28
01 22 23 00-0192	Ride-On Self-Propelled, Padfoot Rollers <small>(01 22 23 00-0177)</small>	
01 22 23 00-0193	DAY 5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,354.97 -904.35
01 22 23 00-0194	WK 5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,771.19 -4,521.76
01 22 23 00-0195	MO 5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	23,206.03 -19,594.28
01 22 23 00-0196	DAY 8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,641.72 -904.35
01 22 23 00-0197	WK 8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	6,351.53 -4,521.76
01 22 23 00-0198	MO 8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	25,035.80 -19,594.28
01 22 23 00-0199	DAY 10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,709.99 -904.35
01 22 23 00-0200	WK 10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	6,781.66 -4,521.76
01 22 23 00-0201	MO 10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	26,237.44 -19,594.28
01 22 23 00-0202	Towed, Padfoot Rollers <small>(01 22 23 00-0177)</small>	
01 22 23 00-0203	DAY 48" Wide, 40" Diameter, Towed Padfoot Roller	129.72
01 22 23 00-0204	WK 48" Wide, 40" Diameter, Towed Padfoot Roller	375.51
01 22 23 00-0205	MO 48" Wide, 40" Diameter, Towed Padfoot Roller	1,106.06
01 22 23 00-0206	DAY 60" Wide, 60" Diameter, Towed Padfoot Roller	163.86
01 22 23 00-0207	WK 60" Wide, 60" Diameter, Towed Padfoot Roller	457.44
01 22 23 00-0208	MO 60" Wide, 60" Diameter, Towed Padfoot Roller	1,945.84
01 22 23 00-0209	Static Rollers <small>(01 22 23 00-0177)</small>	
01 22 23 00-0210	DAY 5 Ton, 2 Drum Articulated Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,389.10 -904.35
01 22 23 00-0211	WK 5 Ton, 2 Drum Articulated Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	6,064.78 -4,521.76
01 22 23 00-0212	MO 5 Ton, 2 Drum Articulated Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	24,168.70 -19,594.28
01 22 23 00-0213	DAY 8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,539.31 -904.35
01 22 23 00-0214	WK 8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	6,474.42 -4,521.76
01 22 23 00-0215	MO 8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	25,302.07 -19,594.28
01 22 23 00-0216	Ride-On Self-Propelled, Smooth Drum Vibratory Rollers <small>(01 22 23 00-0177)</small>	
01 22 23 00-0217	DAY 1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,170.62 -904.35
01 22 23 00-0218	WK 1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,300.10 -4,521.76
01 22 23 00-0219	MO 1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	21,642.53 -19,594.28
01 22 23 00-0220	DAY 3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,273.03 -904.35
01 22 23 00-0221	WK 3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,607.33 -4,521.76
01 22 23 00-0222	MO 3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	22,461.83 -19,594.28
01 22 23 00-0223	DAY 5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,341.31 -904.35
01 22 23 00-0224	WK 5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,812.16 -4,521.76
01 22 23 00-0225	MO 5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	23,008.03 -19,594.28

01 General Requirements
01 20 Price and Payment Procedures
01 22 Unit Prices

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 22 23 00-0226	DAY	8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,430.07	
		<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0227	WK	8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	6,071.60	
		<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0228	MO	8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	23,683.95	
		<i>For Equipment Without Operator, Deduct</i>	-19,594.28	
01 22 23 00-0229	DAY	11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,607.58	
		<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0230	WK	11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	6,590.49	
		<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0231	MO	11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	25,056.28	
		<i>For Equipment Without Operator, Deduct</i>	-19,594.28	

01 22 23 00-0232 Steel Roadway Plates (01 22 23 00-0176)

Note: 3 day minimum. Excludes delivery. See CSI section 01 71 13 00-0001 for material delivery on truck.

01 22 23 00-0233	EA	Placement And Removal Of Steel Roadway Plates	54.29	
01 22 23 00-0234	DAY	1" x 4' x 8' Steel Plate	38.04	
01 22 23 00-0235	WK	1" x 4' x 8' Steel Plate	89.83	
01 22 23 00-0236	MO	1" x 4' x 8' Steel Plate	118.21	
01 22 23 00-0237	DAY	1" x 4' x 10' Steel Plate	50.73	
01 22 23 00-0238	WK	1" x 4' x 10' Steel Plate	114.13	
01 22 23 00-0239	MO	1" x 4' x 10' Steel Plate	139.50	
01 22 23 00-0240	DAY	1" x 5' x 10' Steel Plate	52.84	
01 22 23 00-0241	WK	1" x 5' x 10' Steel Plate	119.42	
01 22 23 00-0242	MO	1" x 5' x 10' Steel Plate	317.04	
01 22 23 00-0243	DAY	1" x 6' x 8' Steel Plate	33.82	
01 22 23 00-0244	WK	1" x 6' x 8' Steel Plate	76.09	
01 22 23 00-0245	MO	1" x 6' x 8' Steel Plate	202.91	
01 22 23 00-0246	DAY	1" x 6' x 10' Steel Plate	63.41	
01 22 23 00-0247	WK	1" x 6' x 10' Steel Plate	83.49	
01 22 23 00-0248	MO	1" x 6' x 10' Steel Plate	222.98	
01 22 23 00-0249	DAY	1" x 6' x 12' Steel Plate	88.77	
01 22 23 00-0250	WK	1" x 6' x 12' Steel Plate	113.61	
01 22 23 00-0251	MO	1" x 6' x 12' Steel Plate	307.53	
01 22 23 00-0252	DAY	1" x 8' x 10' Steel Plate	56.01	
01 22 23 00-0253	WK	1" x 8' x 10' Steel Plate	125.76	
01 22 23 00-0254	MO	1" x 8' x 10' Steel Plate	335.01	
01 22 23 00-0255	DAY	1" x 8' x 12' Steel Plate	101.45	
01 22 23 00-0256	WK	1" x 8' x 12' Steel Plate	125.76	
01 22 23 00-0257	MO	1" x 8' x 12' Steel Plate	608.72	
01 22 23 00-0258	DAY	1" x 8' x 16' Steel Plate	135.27	
01 22 23 00-0259	WK	1" x 8' x 16' Steel Plate	304.36	
01 22 23 00-0260	MO	1" x 8' x 16' Steel Plate	811.62	
01 22 23 00-0261	LF	Cold Mix For Temporary Ramp Base, 6" At Edge Of Trench Plate	2.37	1.00
01 22 23 00-0262	EA	Removal And Resetting Of Steel Roadway Plate	30.16	

01 22 23 00-0263 Street Sweepers (01 22 23 00-0176)

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0264	DAY	8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator	1,061.37	
		<i>For Equipment Without Operator, Deduct</i>	-861.56	
01 22 23 00-0265	WK	8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator	5,099.61	
		<i>For Equipment Without Operator, Deduct</i>	-4,307.82	
01 22 23 00-0266	MO	8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator	21,488.17	
		<i>For Equipment Without Operator, Deduct</i>	-18,667.21	
01 22 23 00-0267	DAY	Self-Propelled Street Sweeper With Hopper And Full-Time Operator	1,782.97	
		Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.		
		<i>For Equipment Without Operator, Deduct</i>	-861.56	
01 22 23 00-0268	WK	Self-Propelled Street Sweeper With Hopper And Full-Time Operator	7,998.56	
		Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.		
		<i>For Equipment Without Operator, Deduct</i>	-4,307.82	
01 22 23 00-0269	MO	Self-Propelled Street Sweeper With Hopper And Full-Time Operator	31,838.56	
		Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.		
		<i>For Equipment Without Operator, Deduct</i>	-18,667.21	

01 22 23 00-0270 Earthmoving Equipment (01 22 23)

01 22 23 00-0271 Skid-Steer Loaders (01 22 23 00-0270)

Note: Includes full-time operator and combination bucket and dozer blade attachments. Add extra attachments where necessary. Excludes delivery, set-up, and removal.

01 22 23 00-0272	DAY	700 LB Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator	1,212.20	
		<i>For Equipment Without Operator, Deduct</i>	-861.56	
01 22 23 00-0273	WK	700 LB Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator	5,227.69	
		<i>For Equipment Without Operator, Deduct</i>	-4,307.82	
01 22 23 00-0274	MO	700 LB Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator	20,882.53	
		<i>For Equipment Without Operator, Deduct</i>	-18,667.21	
01 22 23 00-0275	DAY	1,500 LB Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator	1,304.62	
		<i>For Equipment Without Operator, Deduct</i>	-861.56	
01 22 23 00-0276	WK	1,500 LB Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator	5,394.94	
		<i>For Equipment Without Operator, Deduct</i>	-4,307.82	
01 22 23 00-0277	MO	1,500 LB Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator	21,249.31	
		<i>For Equipment Without Operator, Deduct</i>	-18,667.21	
01 22 23 00-0278	DAY	2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator	1,331.03	
		<i>For Equipment Without Operator, Deduct</i>	-861.56	
01 22 23 00-0279	WK	2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator	5,635.55	
		<i>For Equipment Without Operator, Deduct</i>	-4,307.82	

MINOR	UNIT COST	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION		UNIT COST	UNIT COST

01 22 23 00-0280	MO	2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator	21,887.49
		<i>For Equipment Without Operator, Deduct</i>	-18,667.21
01 22 23 00-0281	DAY	2,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	1,433.73
		<i>For Equipment Without Operator, Deduct</i>	-861.56
01 22 23 00-0282	WK	2,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	5,972.98
		<i>For Equipment Without Operator, Deduct</i>	-4,307.82
01 22 23 00-0283	MO	2,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	23,002.49
		<i>For Equipment Without Operator, Deduct</i>	-18,667.21
01 22 23 00-0284	DAY	3,000 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	1,609.78
		<i>For Equipment Without Operator, Deduct</i>	-861.56
01 22 23 00-0285	WK	3,000 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	6,640.51
		<i>For Equipment Without Operator, Deduct</i>	-4,307.82
01 22 23 00-0286	MO	3,000 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	24,645.64
		<i>For Equipment Without Operator, Deduct</i>	-18,667.21
01 22 23 00-0287	DAY	Hydraulic Hammer Attachment For Skid-Steer Loaders	293.42
01 22 23 00-0288	WK	Hydraulic Hammer Attachment For Skid-Steer Loaders	975.62
01 22 23 00-0289	MO	Hydraulic Hammer Attachment For Skid-Steer Loaders	2,596.77
01 22 23 00-0290	DAY	Forklift Attachment For Skid-Steer Loaders	63.09
01 22 23 00-0291	WK	Forklift Attachment For Skid-Steer Loaders	168.72
01 22 23 00-0292	MO	Forklift Attachment For Skid-Steer Loaders	476.81
01 22 23 00-0293	DAY	Backhoe Attachment For Skid-Steer Loaders	139.37
01 22 23 00-0294	WK	Backhoe Attachment For Skid-Steer Loaders	334.50
01 22 23 00-0295	MO	Backhoe Attachment For Skid-Steer Loaders	831.85
01 22 23 00-0296	DAY	Broom Attachment For Skid-Steer Loaders	137.91
01 22 23 00-0297	WK	Broom Attachment For Skid-Steer Loaders	374.11
01 22 23 00-0298	MO	Broom Attachment For Skid-Steer Loaders	990.29
01 22 23 00-0299	DAY	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders	120.30
01 22 23 00-0300	WK	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders	331.56
01 22 23 00-0301	MO	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders	905.20
01 22 23 00-0302	DAY	Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	33.16
01 22 23 00-0303	WK	Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	86.75
01 22 23 00-0304	MO	Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	255.14
01 22 23 00-0305	DAY	>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	44.64
01 22 23 00-0306	WK	>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	110.99
01 22 23 00-0307	MO	>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	331.70
01 22 23 00-0308	DAY	Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	65.05
01 22 23 00-0309	WK	Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	197.75
01 22 23 00-0310	MO	Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	586.84
01 22 23 00-0311	DAY	2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger)	13.20
01 22 23 00-0312	WK	2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger)	30.81
01 22 23 00-0313	MO	2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger)	82.16

01 22 23 00-0314 Bulldozers (01 22 23 00-0270)

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0315	DAY	70 HP, D3 Bulldozer With Full-Time Operator	1,325.78
		<i>For Equipment Without Operator, Deduct</i>	-904.35
01 22 23 00-0316	WK	70 HP, D3 Bulldozer With Full-Time Operator	6,183.62
		<i>For Equipment Without Operator, Deduct</i>	-4,521.76
01 22 23 00-0317	MO	70 HP, D3 Bulldozer With Full-Time Operator	24,524.21
		<i>For Equipment Without Operator, Deduct</i>	-19,594.28
01 22 23 00-0318	DAY	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	1,524.57
		<i>For Equipment Without Operator, Deduct</i>	-904.35
01 22 23 00-0319	WK	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	6,986.72
		<i>For Equipment Without Operator, Deduct</i>	-4,521.76
01 22 23 00-0320	MO	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	26,989.18
		<i>For Equipment Without Operator, Deduct</i>	-19,594.28
01 22 23 00-0321	DAY	140 HP, D6 Bulldozer With Full-Time Operator	2,089.12
		<i>For Equipment Without Operator, Deduct</i>	-904.35
01 22 23 00-0322	WK	140 HP, D6 Bulldozer With Full-Time Operator	9,244.95
		<i>For Equipment Without Operator, Deduct</i>	-4,521.76
01 22 23 00-0323	MO	140 HP, D6 Bulldozer With Full-Time Operator	33,747.95
		<i>For Equipment Without Operator, Deduct</i>	-19,594.28
01 22 23 00-0324	DAY	200 HP, D7 Bulldozer With Full-Time Operator	2,590.07
		<i>For Equipment Without Operator, Deduct</i>	-904.35
01 22 23 00-0325	WK	200 HP, D7 Bulldozer With Full-Time Operator	11,256.68
		<i>For Equipment Without Operator, Deduct</i>	-4,521.76
01 22 23 00-0326	MO	200 HP, D7 Bulldozer With Full-Time Operator	39,791.09
		<i>For Equipment Without Operator, Deduct</i>	-19,594.28
01 22 23 00-0327	DAY	335 HP, D8 Bulldozer With Full-Time Operator	3,186.43
		<i>For Equipment Without Operator, Deduct</i>	-904.35
01 22 23 00-0328	WK	335 HP, D8 Bulldozer With Full-Time Operator	13,642.13
		<i>For Equipment Without Operator, Deduct</i>	-4,521.76
01 22 23 00-0329	MO	335 HP, D8 Bulldozer With Full-Time Operator	46,947.44
		<i>For Equipment Without Operator, Deduct</i>	-19,594.28
01 22 23 00-0330	DAY	460 HP, D9 Bulldozer With Full-Time Operator	3,520.39
		<i>For Equipment Without Operator, Deduct</i>	-904.35
01 22 23 00-0331	WK	460 HP, D9 Bulldozer With Full-Time Operator	14,970.03
		<i>For Equipment Without Operator, Deduct</i>	-4,521.76
01 22 23 00-0332	MO	460 HP, D9 Bulldozer With Full-Time Operator	50,923.19
		<i>For Equipment Without Operator, Deduct</i>	-19,594.28

01 22 23 00-0333 Hydraulic Excavators (01 22 23 00-0270)

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0334	DAY	3/8 CY Hydraulic Excavator With Full-Time Operator	1,268.88
		<i>For Equipment Without Operator, Deduct</i>	-904.35

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0335	WK	3/8 CY	Hydraulic Excavator With Full-Time Operator	5,811.11	
			<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0336	MO	3/8 CY	Hydraulic Excavator With Full-Time Operator	23,914.60	
			<i>For Equipment Without Operator, Deduct</i>	-19,594.28	
01 22 23 00-0337	DAY	1/2 CY	Hydraulic Excavator With Full-Time Operator	1,371.48	
			<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0338	WK	1/2 CY	Hydraulic Excavator With Full-Time Operator	6,263.39	
			<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0339	MO	1/2 CY	Hydraulic Excavator With Full-Time Operator	25,723.73	
			<i>For Equipment Without Operator, Deduct</i>	-19,594.28	
01 22 23 00-0340	DAY	5/8 CY	Hydraulic Excavator With Full-Time Operator	1,403.89	
			<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0341	WK	5/8 CY	Hydraulic Excavator With Full-Time Operator	6,432.15	
			<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0342	MO	5/8 CY	Hydraulic Excavator With Full-Time Operator	26,020.76	
			<i>For Equipment Without Operator, Deduct</i>	-19,594.28	
01 22 23 00-0343	DAY	3/4 CY	Hydraulic Excavator With Full-Time Operator	1,437.64	
			<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0344	WK	3/4 CY	Hydraulic Excavator With Full-Time Operator	6,587.41	
			<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0345	MO	3/4 CY	Hydraulic Excavator With Full-Time Operator	26,317.78	
			<i>For Equipment Without Operator, Deduct</i>	-19,594.28	
01 22 23 00-0346	DAY	7/8 To 1 CY	Hydraulic Excavator With Full-Time Operator	1,464.64	
			<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0347	WK	7/8 To 1 CY	Hydraulic Excavator With Full-Time Operator	6,749.42	
			<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0348	MO	7/8 To 1 CY	Hydraulic Excavator With Full-Time Operator	26,614.80	
			<i>For Equipment Without Operator, Deduct</i>	-19,594.28	
01 22 23 00-0349	DAY	1-1/8 To 1-1/4 CY	Hydraulic Excavator With Full-Time Operator	1,829.17	
			<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0350	WK	1-1/8 To 1-1/4 CY	Hydraulic Excavator With Full-Time Operator	8,200.78	
			<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0351	MO	1-1/8 To 1-1/4 CY	Hydraulic Excavator With Full-Time Operator	30,631.35	
			<i>For Equipment Without Operator, Deduct</i>	-19,594.28	
01 22 23 00-0352	DAY	1-3/8 To 1-1/2 CY	Hydraulic Excavator With Full-Time Operator	1,883.17	
			<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0353	WK	1-3/8 To 1-1/2 CY	Hydraulic Excavator With Full-Time Operator	8,437.05	
			<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0354	MO	1-3/8 To 1-1/2 CY	Hydraulic Excavator With Full-Time Operator	31,340.15	
			<i>For Equipment Without Operator, Deduct</i>	-19,594.28	
01 22 23 00-0355	DAY	1-5/8 To 1-7/8 CY	Hydraulic Excavator With Full-Time Operator	1,984.43	
			<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0356	WK	1-5/8 To 1-7/8 CY	Hydraulic Excavator With Full-Time Operator	8,842.08	
			<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0357	MO	1-5/8 To 1-7/8 CY	Hydraulic Excavator With Full-Time Operator	32,555.24	
			<i>For Equipment Without Operator, Deduct</i>	-19,594.28	
01 22 23 00-0358	DAY	2 To 2-3/8 CY	Hydraulic Excavator With Full-Time Operator	2,099.19	
			<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0359	WK	2 To 2-3/8 CY	Hydraulic Excavator With Full-Time Operator	9,294.36	
			<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0360	MO	2 To 2-3/8 CY	Hydraulic Excavator With Full-Time Operator	33,905.34	
			<i>For Equipment Without Operator, Deduct</i>	-19,594.28	
01 22 23 00-0361	DAY	2-1/2 To 2-7/8 CY	Hydraulic Excavator With Full-Time Operator	2,132.94	
			<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0362	WK	2-1/2 To 2-7/8 CY	Hydraulic Excavator With Full-Time Operator	9,429.37	
			<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0363	MO	2-1/2 To 2-7/8 CY	Hydraulic Excavator With Full-Time Operator	34,310.37	
			<i>For Equipment Without Operator, Deduct</i>	-19,594.28	
01 22 23 00-0364	DAY	3 To 3-3/4 CY	Hydraulic Excavator With Full-Time Operator	2,456.97	
			<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0365	WK	3 To 3-3/4 CY	Hydraulic Excavator With Full-Time Operator	10,732.22	
			<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0366	MO	3 To 3-3/4 CY	Hydraulic Excavator With Full-Time Operator	38,225.66	
			<i>For Equipment Without Operator, Deduct</i>	-19,594.28	
01 22 23 00-0367	DAY	4 To 5-3/4 CY	Hydraulic Excavator With Full-Time Operator	2,922.75	
			<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0368	WK	4 To 5-3/4 CY	Hydraulic Excavator With Full-Time Operator	12,581.86	
			<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0369	MO	4 To 5-3/4 CY	Hydraulic Excavator With Full-Time Operator	43,761.07	
			<i>For Equipment Without Operator, Deduct</i>	-19,594.28	
01 22 23 00-0370	DAY		Thumbs Or Grapple Attachment For Hydraulic Excavators	94.51	
01 22 23 00-0371	WK		Thumbs Or Grapple Attachment For Hydraulic Excavators	364.53	
01 22 23 00-0372	MO		Thumbs Or Grapple Attachment For Hydraulic Excavators	1,080.08	
01 22 23 00-0373	DAY	1,000 Ft-Lb	Hydraulic Hammer Attachment For Hydraulic Excavators	418.53	
01 22 23 00-0374	WK	1,000 Ft-Lb	Hydraulic Hammer Attachment For Hydraulic Excavators	1,107.08	
01 22 23 00-0375	MO	1,000 Ft-Lb	Hydraulic Hammer Attachment For Hydraulic Excavators	3,098.48	
01 22 23 00-0376	DAY	1,500 Ft-Lb	Hydraulic Hammer Attachment For Hydraulic Excavators	648.05	
01 22 23 00-0377	WK	1,500 Ft-Lb	Hydraulic Hammer Attachment For Hydraulic Excavators	1,653.87	
01 22 23 00-0378	MO	1,500 Ft-Lb	Hydraulic Hammer Attachment For Hydraulic Excavators	4,300.07	
01 22 23 00-0379	DAY	3,000 Ft-Lb	Hydraulic Hammer Attachment For Hydraulic Excavators	904.57	
01 22 23 00-0380	WK	3,000 Ft-Lb	Hydraulic Hammer Attachment For Hydraulic Excavators	2,436.93	
01 22 23 00-0381	MO	3,000 Ft-Lb	Hydraulic Hammer Attachment For Hydraulic Excavators	6,831.51	
01 22 23 00-0382	DAY	24"	Compaction Wheel Attachment For Hydraulic Excavators	189.01	
01 22 23 00-0383	WK	24"	Compaction Wheel Attachment For Hydraulic Excavators	756.06	
01 22 23 00-0384	MO	24"	Compaction Wheel Attachment For Hydraulic Excavators	2,268.17	
01 22 23 00-0385	DAY	36"	Compaction Wheel Attachment For Hydraulic Excavators	270.02	
01 22 23 00-0386	WK	36"	Compaction Wheel Attachment For Hydraulic Excavators	1,080.08	
01 22 23 00-0387	MO	36"	Compaction Wheel Attachment For Hydraulic Excavators	3,240.24	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 22 23 00-0388	DAY	48" Compaction Wheel Attachment For Hydraulic Excavators	297.02
01 22 23 00-0389	WK	48" Compaction Wheel Attachment For Hydraulic Excavators	1,174.59
01 22 23 00-0390	MO	48" Compaction Wheel Attachment For Hydraulic Excavators	3,510.26

01 22 23 00-0391
Mini-Excavators (01 22 23 00-0270)

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0392	DAY	2,000 LB Mini-Excavator With Full-Time Operator	1,187.87
		<i>For Equipment Without Operator, Deduct</i>	-904.35
01 22 23 00-0393	WK	2,000 LB Mini-Excavator With Full-Time Operator	5,325.07
		<i>For Equipment Without Operator, Deduct</i>	-4,521.76
01 22 23 00-0394	MO	2,000 LB Mini-Excavator With Full-Time Operator	21,362.91
		<i>For Equipment Without Operator, Deduct</i>	-19,594.28
01 22 23 00-0395	DAY	3,500 LB Mini-Excavator With Full-Time Operator	1,194.62
		<i>For Equipment Without Operator, Deduct</i>	-904.35
01 22 23 00-0396	WK	3,500 LB Mini-Excavator With Full-Time Operator	5,345.32
		<i>For Equipment Without Operator, Deduct</i>	-4,521.76
01 22 23 00-0397	MO	3,500 LB Mini-Excavator With Full-Time Operator	21,788.19
		<i>For Equipment Without Operator, Deduct</i>	-19,594.28
01 22 23 00-0398	DAY	6,000 LB Mini-Excavator With Full-Time Operator	1,228.37
		<i>For Equipment Without Operator, Deduct</i>	-904.35
01 22 23 00-0399	WK	6,000 LB Mini-Excavator With Full-Time Operator	5,439.83
		<i>For Equipment Without Operator, Deduct</i>	-4,521.76
01 22 23 00-0400	MO	6,000 LB Mini-Excavator With Full-Time Operator	21,848.95
		<i>For Equipment Without Operator, Deduct</i>	-19,594.28
01 22 23 00-0401	DAY	7,500 LB Mini-Excavator With Full-Time Operator	1,241.87
		<i>For Equipment Without Operator, Deduct</i>	-904.35
01 22 23 00-0402	WK	7,500 LB Mini-Excavator With Full-Time Operator	5,487.08
		<i>For Equipment Without Operator, Deduct</i>	-4,521.76
01 22 23 00-0403	MO	7,500 LB Mini-Excavator With Full-Time Operator	21,875.95
		<i>For Equipment Without Operator, Deduct</i>	-19,594.28
01 22 23 00-0404	DAY	9,500 LB Mini-Excavator With Full-Time Operator	1,322.88
		<i>For Equipment Without Operator, Deduct</i>	-904.35
01 22 23 00-0405	WK	9,500 LB Mini-Excavator With Full-Time Operator	5,554.59
		<i>For Equipment Without Operator, Deduct</i>	-4,521.76
01 22 23 00-0406	MO	9,500 LB Mini-Excavator With Full-Time Operator	22,659.01
		<i>For Equipment Without Operator, Deduct</i>	-19,594.28
01 22 23 00-0407	DAY	11,000 LB Mini-Excavator With Full-Time Operator	1,329.63
		<i>For Equipment Without Operator, Deduct</i>	-904.35
01 22 23 00-0408	WK	11,000 LB Mini-Excavator With Full-Time Operator	5,892.11
		<i>For Equipment Without Operator, Deduct</i>	-4,521.76
01 22 23 00-0409	MO	11,000 LB Mini-Excavator With Full-Time Operator	22,692.76
		<i>For Equipment Without Operator, Deduct</i>	-19,594.28

01 22 23 00-0410
Loader-Backhoes With Standard Bucket (01 22 23 00-0270)

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0411	DAY	1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator	1,315.59
		<i>For Equipment Without Operator, Deduct</i>	-904.35
01 22 23 00-0412	WK	1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator	5,498.45
		<i>For Equipment Without Operator, Deduct</i>	-4,521.76
01 22 23 00-0413	MO	1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator	21,892.80
		<i>For Equipment Without Operator, Deduct</i>	-19,594.28
01 22 23 00-0414	DAY	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator	1,359.65
		<i>For Equipment Without Operator, Deduct</i>	-904.35
01 22 23 00-0415	WK	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator	5,652.66
		<i>For Equipment Without Operator, Deduct</i>	-4,521.76
01 22 23 00-0416	MO	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator	22,832.76
		<i>For Equipment Without Operator, Deduct</i>	-19,594.28
01 22 23 00-0417	DAY	1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator	1,427.57
		<i>For Equipment Without Operator, Deduct</i>	-904.35
01 22 23 00-0418	WK	1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator	5,821.56
		<i>For Equipment Without Operator, Deduct</i>	-4,521.76
01 22 23 00-0419	MO	1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator	23,317.43
		<i>For Equipment Without Operator, Deduct</i>	-19,594.28
01 22 23 00-0420	DAY	1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator	1,730.49
		<i>For Equipment Without Operator, Deduct</i>	-904.35
01 22 23 00-0421	WK	1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator	6,724.81
		<i>For Equipment Without Operator, Deduct</i>	-4,521.76
01 22 23 00-0422	MO	1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator	25,902.35
		<i>For Equipment Without Operator, Deduct</i>	-19,594.28

01 22 23 00-0423
Heavy Duty Construction Loaders (01 22 23 00-0270)

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0424	DAY	2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator	1,446.77
		<i>For Equipment Without Operator, Deduct</i>	-904.35
01 22 23 00-0425	WK	2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator	6,666.42
		<i>For Equipment Without Operator, Deduct</i>	-4,521.76
01 22 23 00-0426	MO	2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator	26,019.93
		<i>For Equipment Without Operator, Deduct</i>	-19,594.28
01 22 23 00-0427	DAY	3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator	1,897.41
		<i>For Equipment Without Operator, Deduct</i>	-904.35
01 22 23 00-0428	WK	3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator	7,158.78
		<i>For Equipment Without Operator, Deduct</i>	-4,521.76
01 22 23 00-0429	MO	3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator	26,270.28
		<i>For Equipment Without Operator, Deduct</i>	-19,594.28

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MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 22 23 00-0430	DAY	3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator	1,997.55	
		<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0431	WK	3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator	7,425.82	
		<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0432	MO	3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator	26,937.88	
		<i>For Equipment Without Operator, Deduct</i>	-19,594.28	
01 22 23 00-0433	DAY	4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator	2,272.93	
		<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0434	WK	4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator	8,151.84	
		<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0435	MO	4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator	28,773.78	
		<i>For Equipment Without Operator, Deduct</i>	-19,594.28	
01 22 23 00-0436	DAY	7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator	2,982.25	
		<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0437	WK	7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator	12,816.69	
		<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0438	MO	7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator	44,462.38	
		<i>For Equipment Without Operator, Deduct</i>	-19,594.28	
01 22 23 00-0439	DAY	13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator	7,655.37	
		<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0440	WK	13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator	26,443.84	
		<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0441	MO	13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator	79,337.89	
		<i>For Equipment Without Operator, Deduct</i>	-19,594.28	

01 22 23 00-0442 Shoring (01 22 23 00-0270)

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0443 Aluminum Hydraulic Shoring (01 22 23 00-0442)

Note: Includes delivery to job site and pick-up when complete. Excludes sheeting.

01 22 23 00-0444	WK	2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring	112.57	
		Note: Up to 88" spread width.		
01 22 23 00-0445	MO	2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring	332.04	
		Note: Up to 88" spread width.		
01 22 23 00-0446	WK	Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring	151.01	
		Note: Up to 88" spread width.		
01 22 23 00-0447	MO	Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring	445.42	
		Note: Up to 88" spread width.		
01 22 23 00-0448	WK	Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring	280.02	
		Note: Up to 88" spread width.		
01 22 23 00-0449	MO	Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring	826.04	
		Note: Up to 88" spread width.		
01 22 23 00-0450	EA	Set-up And Removal Of 1 Cylinder Aluminum Hydraulic Shores	25.69	
01 22 23 00-0451	EA	Set-up And Removal Of 2 Cylinders Aluminum Hydraulic Shores	41.10	
01 22 23 00-0452	EA	Set-up And Removal Of 3 Cylinders Aluminum Hydraulic Shores	68.49	

01 22 23 00-0453 Trench Boxes/Trench Shields (01 22 23 00-0270)

Note: Trenching tasks include moving the trench box in excavation as trenching proceeds. Includes delivery to job site and pick-up when complete. For stackable units, combine multiple units for depth required.

01 22 23 00-0454	WK	4' x 6' Trench Box With Up To 48" Spreaders	170.50	
01 22 23 00-0455	MO	4' x 6' Trench Box With Up To 48" Spreaders	511.50	
01 22 23 00-0456	WK	6' x 6' Trench Box With Up To 48" Spreaders	192.50	
01 22 23 00-0457	MO	6' x 6' Trench Box With Up To 48" Spreaders	577.50	
01 22 23 00-0458	WK	8' x 6' Trench Box With Up To 48" Spreaders	203.50	
01 22 23 00-0459	MO	8' x 6' Trench Box With Up To 48" Spreaders	610.50	
01 22 23 00-0460	WK	4' x 8' Trench Box With Up To 48" Spreaders	187.00	
01 22 23 00-0461	MO	4' x 8' Trench Box With Up To 48" Spreaders	561.00	
01 22 23 00-0462	WK	6' x 8' Trench Box With Up To 48" Spreaders	220.00	
01 22 23 00-0463	MO	6' x 8' Trench Box With Up To 48" Spreaders	660.00	
01 22 23 00-0464	WK	8' x 8' Trench Box With Up To 48" Spreaders	247.50	
01 22 23 00-0465	MO	8' x 8' Trench Box With Up To 48" Spreaders	742.50	
01 22 23 00-0466	WK	4' x 10' Trench Box With Up To 48" Spreaders	209.00	
01 22 23 00-0467	MO	4' x 10' Trench Box With Up To 48" Spreaders	627.00	
01 22 23 00-0468	WK	6' x 10' Trench Box With Up To 48" Spreaders	247.50	
01 22 23 00-0469	MO	6' x 10' Trench Box With Up To 48" Spreaders	742.50	
01 22 23 00-0470	WK	8' x 10' Trench Box With Up To 48" Spreaders	302.50	
01 22 23 00-0471	MO	8' x 10' Trench Box With Up To 48" Spreaders	902.00	
01 22 23 00-0472	WK	4' x 12' Trench Box With Up To 48" Spreaders	247.50	
01 22 23 00-0473	MO	4' x 12' Trench Box With Up To 48" Spreaders	742.50	
01 22 23 00-0474	WK	6' x 12' Trench Box With Up To 48" Spreaders	302.50	
01 22 23 00-0475	MO	6' x 12' Trench Box With Up To 48" Spreaders	907.50	
01 22 23 00-0476	WK	8' x 12' Trench Box With Up To 48" Spreaders	385.00	
01 22 23 00-0477	MO	8' x 12' Trench Box With Up To 48" Spreaders	1,155.00	
01 22 23 00-0478	WK	4' x 14' Trench Box With Up To 48" Spreaders	275.00	
01 22 23 00-0479	MO	4' x 14' Trench Box With Up To 48" Spreaders	825.00	
01 22 23 00-0480	WK	6' x 14' Trench Box With Up To 48" Spreaders	357.50	
01 22 23 00-0481	MO	6' x 14' Trench Box With Up To 48" Spreaders	1,072.50	
01 22 23 00-0482	WK	8' x 14' Trench Box With Up To 48" Spreaders	440.00	
01 22 23 00-0483	MO	8' x 14' Trench Box With Up To 48" Spreaders	1,320.00	
01 22 23 00-0484	WK	4' x 16' Trench Box With Up To 48" Spreaders	302.50	
01 22 23 00-0485	MO	4' x 16' Trench Box With Up To 48" Spreaders	907.50	
01 22 23 00-0486	WK	6' x 16' Trench Box With Up To 48" Spreaders	412.50	
01 22 23 00-0487	MO	6' x 16' Trench Box With Up To 48" Spreaders	1,237.50	
01 22 23 00-0488	WK	8' x 16' Trench Box With Up To 48" Spreaders	495.00	
01 22 23 00-0489	MO	8' x 16' Trench Box With Up To 48" Spreaders	1,485.00	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 22 23 00-0490	WK 4' x 20' Trench Box With Up To 48" Spreaders.....	357.50	
01 22 23 00-0491	MO 4' x 20' Trench Box With Up To 48" Spreaders.....	1,072.50	
01 22 23 00-0492	WK 6' x 20' Trench Box With Up To 48" Spreaders.....	495.00	
01 22 23 00-0493	MO 6' x 20' Trench Box With Up To 48" Spreaders.....	1,485.00	
01 22 23 00-0494	WK 8' x 20' Trench Box With Up To 48" Spreaders.....	577.50	
01 22 23 00-0495	MO 8' x 20' Trench Box With Up To 48" Spreaders.....	1,732.50	
01 22 23 00-0496	WK 4' x 24' Trench Box With Up To 48" Spreaders.....	495.00	
01 22 23 00-0497	MO 4' x 24' Trench Box With Up To 48" Spreaders.....	1,485.00	
01 22 23 00-0498	WK 6' x 24' Trench Box With Up To 48" Spreaders.....	605.00	
01 22 23 00-0499	MO 6' x 24' Trench Box With Up To 48" Spreaders.....	1,815.00	
01 22 23 00-0500	WK 8' x 24' Trench Box With Up To 48" Spreaders.....	660.00	
01 22 23 00-0501	MO 8' x 24' Trench Box With Up To 48" Spreaders.....	1,980.00	
01 22 23 00-0502	WK For Spreaders >48" To 84", Add.....	16.50	
01 22 23 00-0503	MO For Spreaders >48" To 84", Add.....	49.50	
01 22 23 00-0504	WK For Spreaders >84" To 120", Add.....	99.00	
01 22 23 00-0505	MO For Spreaders >84" To 120", Add.....	297.00	
01 22 23 00-0506	WK For Spreaders >120", Add.....	209.00	
01 22 23 00-0507	MO For Spreaders >120", Add.....	627.00	
01 22 23 00-0508	WK 8' x 4' Manhole Box.....	259.88	
01 22 23 00-0509	MO 8' x 4' Manhole Box.....	779.63	
01 22 23 00-0510	WK 8' x 8' Manhole Box.....	371.25	
01 22 23 00-0511	MO 8' x 8' Manhole Box.....	1,113.75	

01 22 23 00-0512 Trenchers (01 22 23 00-0270)

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0513	DAY 4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator.....	1,270.30	
	<i>For Equipment Without Operator, Deduct</i>	-861.56	
01 22 23 00-0514	WK 4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator.....	5,700.08	
	<i>For Equipment Without Operator, Deduct</i>	-4,307.82	
01 22 23 00-0515	MO 4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator.....	22,499.11	
	<i>For Equipment Without Operator, Deduct</i>	-18,667.21	
01 22 23 00-0516	DAY 5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator.....	1,960.04	
	<i>For Equipment Without Operator, Deduct</i>	-861.56	
01 22 23 00-0517	WK 5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator.....	8,024.76	
	<i>For Equipment Without Operator, Deduct</i>	-4,307.82	
01 22 23 00-0518	MO 5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator.....	28,885.61	
	<i>For Equipment Without Operator, Deduct</i>	-18,667.21	

01 22 23 00-0519 Heavy Equipment (Ground Protection) Mats (01 22 23 00-0270)

Note: Rental price per mat. Excludes placement, moving, mobilization and demobilization. See CSI section 01 22 00-0270 for equipment for offloading/reloading from delivery vehicle, placing, and moving mats, 01 71 13 00-0001 for equipment delivery, pickup, mobilization and demobilization.

01 22 23 00-0520	DAY 14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....	20.68	
01 22 23 00-0521	WK 14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....	49.23	
01 22 23 00-0522	MO 14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....	103.39	
01 22 23 00-0523	DAY 16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....	21.71	
01 22 23 00-0524	WK 16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....	51.70	
01 22 23 00-0525	MO 16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....	108.56	
01 22 23 00-0526	Day 16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	17.58	
01 22 23 00-0527	WK 16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	41.36	
01 22 23 00-0528	MO 16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	87.88	
01 22 23 00-0529	Day 18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	19.64	
01 22 23 00-0530	WK 18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	46.53	
01 22 23 00-0531	MO 18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	98.22	
01 22 23 00-0532	Day 20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	21.71	
01 22 23 00-0533	WK 20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	51.70	
01 22 23 00-0534	MO 20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	108.56	
01 22 23 00-0535	Day 24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	23.78	
01 22 23 00-0536	WK 24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	56.62	
01 22 23 00-0537	MO 24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	118.90	
01 22 23 00-0538	Day 12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	18.61	
01 22 23 00-0539	WK 12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	51.70	
01 22 23 00-0540	MO 12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	93.05	
01 22 23 00-0541	Day 16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	21.71	
01 22 23 00-0542	WK 16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	51.70	
01 22 23 00-0543	MO 16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	108.56	
01 22 23 00-0544	Day 20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	25.85	
01 22 23 00-0545	WK 20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	56.86	
01 22 23 00-0546	MO 20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	129.24	
01 22 23 00-0547	Day 24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	27.92	
01 22 23 00-0548	WK 24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	66.46	
01 22 23 00-0549	MO 24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	139.58	
01 22 23 00-0550	Day 28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	29.98	
01 22 23 00-0551	WK 28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	71.39	
01 22 23 00-0552	MO 28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	149.92	
01 22 23 00-0553	Day 30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	31.02	
01 22 23 00-0554	WK 30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	73.85	
01 22 23 00-0555	MO 30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	155.08	
01 22 23 00-0556	Day 14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™).....	9.95	
01 22 23 00-0557	WK 14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™).....	24.87	
01 22 23 00-0558	MO 14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™).....	74.60	
01 22 23 00-0559	Day 14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....	11.89	
01 22 23 00-0560	WK 14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....	29.72	
01 22 23 00-0561	MO 14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....	89.17	

01 General Requirements
01 20 Price and Payment Procedures
01 22 Unit Prices

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 22 23 00-0562	Day	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	13.58
01 22 23 00-0563	WK	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	33.95
01 22 23 00-0564	MO	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	101.84
01 22 23 00-0565	Day	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	14.47
01 22 23 00-0566	WK	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	36.19
01 22 23 00-0567	MO	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	108.56
01 22 23 00-0568	Day	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	16.54
01 22 23 00-0569	WK	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	41.36
01 22 23 00-0570	MO	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	124.07
01 22 23 00-0571	Day	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	19.01
01 22 23 00-0572	WK	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	47.52
01 22 23 00-0573	MO	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	142.57
01 22 23 00-0574	Day	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	14.63
01 22 23 00-0575	WK	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	36.57
01 22 23 00-0576	MO	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	109.70
01 22 23 00-0577	Day	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	19.80
01 22 23 00-0578	WK	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	49.51
01 22 23 00-0579	MO	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	148.52
01 22 23 00-0580	Day	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	17.12
01 22 23 00-0581	WK	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	42.80
01 22 23 00-0582	MO	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	128.41
01 22 23 00-0583	Day	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	28.56
01 22 23 00-0584	WK	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	71.39
01 22 23 00-0585	MO	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	214.16
01 22 23 00-0586	Day	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	30.44
01 22 23 00-0587	WK	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	76.10
01 22 23 00-0588	MO	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	228.29

01 22 23 00-0589 Electrical Equipment (01 22 23)

01 22 23 00-0590 Tripod Mounted Floodlights (01 22 23 00-0589)

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0591	DAY	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	64.35
01 22 23 00-0592	WK	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	152.25
01 22 23 00-0593	MO	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	321.77
01 22 23 00-0594	DAY	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	64.35
01 22 23 00-0595	WK	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	188.35
01 22 23 00-0596	MO	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	557.21
01 22 23 00-0597	DAY	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	72.20
01 22 23 00-0598	WK	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	196.20
01 22 23 00-0599	MO	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	478.73

01 22 23 00-0600 Trailer Mounted Floodlights (01 22 23 00-0589)

Note: Includes delivery to job site and pick-up when complete. Excludes operator.

01 22 23 00-0601	DAY	4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower	180.50
01 22 23 00-0602	WK	4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower	400.25
01 22 23 00-0603	MO	4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower	863.28

01 22 23 00-0604 Generator Sets (01 22 23 00-0589)

01 22 23 00-0605 Portable, Gas Or Diesel Powered Generator Sets (01 22 23 00-0604)

Note: With 24 hour day-tank. Includes delivery to job site and pick-up when complete. Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0712 for reimbursable fuel fees.

01 22 23 00-0606	DAY	3.6 KW, 8 HP Gas Powered Generator Set	53.24
		For LP Or NG Gas, Add	6.66
		For >160 To 320 Hours Usage Per Month, Add	26.62
01 22 23 00-0607	WK	3.6 KW, 8 HP Gas Powered Generator Set	191.91
		For LP Or NG Gas, Add	23.99
01 22 23 00-0608	MO	3.6 KW, 8 HP Gas Powered Generator Set	532.38
		For LP Or NG Gas, Add	66.55
01 22 23 00-0609	DAY	5 KW, 11 HP Gas Powered Generator Set	75.52
		For LP Or NG Gas, Add	9.44
01 22 23 00-0610	WK	5 KW, 11 HP Gas Powered Generator Set	241.43
		For LP Or NG Gas, Add	30.18
01 22 23 00-0611	MO	5 KW, 11 HP Gas Powered Generator Set	550.95
		For LP Or NG Gas, Add	68.87
01 22 23 00-0612	DAY	6.5 KW, 13 HP Gas Powered Generator Set	96.57
		For LP Or NG Gas, Add	12.07
01 22 23 00-0613	WK	6.5 KW, 13 HP Gas Powered Generator Set	260.00
		For LP Or NG Gas, Add	32.50
01 22 23 00-0614	MO	6.5 KW, 13 HP Gas Powered Generator Set	718.10
		For LP Or NG Gas, Add	89.76
01 22 23 00-0615	DAY	10 KW, 18 HP Gas Powered Generator Set	107.71
		For LP Or NG Gas, Add	13.46
01 22 23 00-0616	WK	10 KW, 18 HP Gas Powered Generator Set	290.95
		For LP Or NG Gas, Add	36.37
01 22 23 00-0617	MO	10 KW, 18 HP Gas Powered Generator Set	835.72
		For LP Or NG Gas, Add	104.47

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 22 23 00-0618	Towable, Diesel Powered Generator Sets <small>(01 22 23 00-0604)</small> Note: Includes 24 hour day-tank on sizes up to 180KW, 40 hour day-tank for sizes greater than 180KW To 300 KW and 1000 gallon for sizes greater than 300KW. Multi-voltage transformer unless stated otherwise, trailer mounted including sound attenuation and control panel. Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0712 for reimbursable fuel fees.		
01 22 23 00-0619	DAY 20 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour. <i>For >8 To 16 Hours Usage Per Day, Add</i> <i>For >16 To 24 Hours Usage Per Day, Add</i>	221.62	110.81 221.62
01 22 23 00-0620	WK 20 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour. <i>For >40 To 80 Hours Usage Per Week, Add</i> <i>For >80 Hours Usage Per Week, Add</i>	579.43	289.72 579.43
01 22 23 00-0621	MO 20 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour. <i>For >160 To 320 Hours Usage Per Month, Add</i> <i>For >320 Hours Usage Per Month, Add</i>	1,578.58	789.29 1,578.58
01 22 23 00-0622	DAY 30 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour. <i>For >8 To 16 Hours Usage Per Day, Add</i> <i>For >16 To 24 Hours Usage Per Day, Add</i>	338.92	169.46 338.92
01 22 23 00-0623	WK 30 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour. <i>For >40 To 80 Hours Usage Per Week, Add</i> <i>For >80 Hours Usage Per Week, Add</i>	1,005.84	502.92 1,005.84
01 22 23 00-0624	MO 30 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour. <i>For >160 To 320 Hours Usage Per Month, Add</i> <i>For >320 Hours Usage Per Month, Add</i>	2,077.27	1,038.64 2,077.27
01 22 23 00-0625	DAY 40.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour. <i>For >8 To 16 Hours Usage Per Day, Add</i> <i>For >16 To 24 Hours Usage Per Day, Add</i>	371.72	185.86 371.72
01 22 23 00-0626	WK 40.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour. <i>For >40 To 80 Hours Usage Per Week, Add</i> <i>For >80 Hours Usage Per Week, Add</i>	1,038.64	519.32 1,038.64
01 22 23 00-0627	MO 40.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour. <i>For >160 To 320 Hours Usage Per Month, Add</i> <i>For >320 Hours Usage Per Month, Add</i>	2,295.93	1,147.97 2,295.93
01 22 23 00-0628	DAY 55.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour. <i>For >8 To 16 Hours Usage Per Day, Add</i> <i>For >16 To 24 Hours Usage Per Day, Add</i>	399.05	199.53 399.05
01 22 23 00-0629	WK 55.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour. <i>For >40 To 80 Hours Usage Per Week, Add</i> <i>For >80 Hours Usage Per Week, Add</i>	1,093.30	546.65 1,093.30
01 22 23 00-0630	MO 55.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour. <i>For >160 To 320 Hours Usage Per Month, Add</i> <i>For >320 Hours Usage Per Month, Add</i>	2,623.92	1,311.96 2,623.92
01 22 23 00-0631	DAY 70.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour. <i>For >8 To 16 Hours Usage Per Day, Add</i> <i>For >16 To 24 Hours Usage Per Day, Add</i>	437.32	218.66 437.32
01 22 23 00-0632	WK 70.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour. <i>For >40 To 80 Hours Usage Per Week, Add</i> <i>For >80 Hours Usage Per Week, Add</i>	1,240.90	620.45 1,240.90
01 22 23 00-0633	MO 70.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour. <i>For >160 To 320 Hours Usage Per Month, Add</i> <i>For >320 Hours Usage Per Month, Add</i>	2,951.91	1,475.96 2,951.91
01 22 23 00-0634	DAY 80.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour. <i>For >8 To 16 Hours Usage Per Day, Add</i> <i>For >16 To 24 Hours Usage Per Day, Add</i>	491.98	245.99 491.98
01 22 23 00-0635	WK 80.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour. <i>For >40 To 80 Hours Usage Per Week, Add</i> <i>For >80 Hours Usage Per Week, Add</i>	1,311.96	655.98 1,311.96

01 General Requirements
01 20 Price and Payment Procedures
01 22 Unit Prices

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
01 22 23 00-0636	MO	80.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	3,279.90		
		Note: Fuel consumption: 100% load - 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour.			
		<i>For >160 To 320 Hours Usage Per Month, Add</i>	1,639.95		
		<i>For >320 Hours Usage Per Month, Add</i>	3,279.90		
01 22 23 00-0637	DAY	100.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	508.38		
		Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour.			
		<i>For >8 To 16 Hours Usage Per Day, Add</i>	254.19		
		<i>For >16 To 24 Hours Usage Per Day, Add</i>	508.38		
01 22 23 00-0638	WK	100.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,366.62		
		Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour.			
		<i>For >40 To 80 Hours Usage Per Week, Add</i>	683.31		
		<i>For >80 Hours Usage Per Week, Add</i>	1,366.62		
01 22 23 00-0639	MO	100.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	3,717.22		
		Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour.			
		<i>For >160 To 320 Hours Usage Per Month, Add</i>	1,858.61		
		<i>For >320 Hours Usage Per Month, Add</i>	3,717.22		
01 22 23 00-0640	DAY	120.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	573.98		
		Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour.			
		<i>For >8 To 16 Hours Usage Per Day, Add</i>	286.99		
		<i>For >16 To 24 Hours Usage Per Day, Add</i>	573.98		
01 22 23 00-0641	WK	120.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,585.28		
		Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour.			
		<i>For >40 To 80 Hours Usage Per Week, Add</i>	792.64		
		<i>For >80 Hours Usage Per Week, Add</i>	1,585.28		
01 22 23 00-0642	MO	120.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	4,263.87		
		Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour.			
		<i>For >160 To 320 Hours Usage Per Month, Add</i>	2,131.94		
		<i>For >320 Hours Usage Per Month, Add</i>	4,263.87		
01 22 23 00-0643	DAY	140.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	601.32		
		Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour.			
		<i>For >8 To 16 Hours Usage Per Day, Add</i>	300.66		
		<i>For >16 To 24 Hours Usage Per Day, Add</i>	601.32		
01 22 23 00-0644	WK	140.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,667.28		
		Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour.			
		<i>For >40 To 80 Hours Usage Per Week, Add</i>	833.64		
		<i>For >80 Hours Usage Per Week, Add</i>	1,667.28		
01 22 23 00-0645	MO	140.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	4,701.19		
		Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour.			
		<i>For >160 To 320 Hours Usage Per Month, Add</i>	2,350.60		
		<i>For >320 Hours Usage Per Month, Add</i>	4,701.19		
01 22 23 00-0646	DAY	150.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	628.65		
		Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour.			
		<i>For >8 To 16 Hours Usage Per Day, Add</i>	314.33		
		<i>For >16 To 24 Hours Usage Per Day, Add</i>	628.65		
01 22 23 00-0647	WK	150.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,803.94		
		Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour.			
		<i>For >40 To 80 Hours Usage Per Week, Add</i>	901.97		
		<i>For >80 Hours Usage Per Week, Add</i>	1,803.94		
01 22 23 00-0648	MO	150.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	4,919.85		
		Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour.			
		<i>For >160 To 320 Hours Usage Per Month, Add</i>	2,459.93		
		<i>For >320 Hours Usage Per Month, Add</i>	4,919.85		
01 22 23 00-0649	DAY	160.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	655.98		
		Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour.			
		<i>For >8 To 16 Hours Usage Per Day, Add</i>	327.99		
		<i>For >16 To 24 Hours Usage Per Day, Add</i>	655.98		
01 22 23 00-0650	WK	160.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,913.28		
		Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour.			
		<i>For >40 To 80 Hours Usage Per Week, Add</i>	956.64		
		<i>For >80 Hours Usage Per Week, Add</i>	1,913.28		
01 22 23 00-0651	MO	160.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	5,138.51		
		Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour.			
		<i>For >160 To 320 Hours Usage Per Month, Add</i>	2,569.26		
		<i>For >320 Hours Usage Per Month, Add</i>	5,138.51		
01 22 23 00-0652	DAY	175.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	655.98		
		Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour.			
		<i>For >8 To 16 Hours Usage Per Day, Add</i>	327.99		
		<i>For >16 To 24 Hours Usage Per Day, Add</i>	655.98		
01 22 23 00-0653	WK	175.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,913.28		
		Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour.			
		<i>For >40 To 80 Hours Usage Per Week, Add</i>	956.64		
		<i>For >80 Hours Usage Per Week, Add</i>	1,913.28		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0654	MO		175.0 KW, 60 Hertz Towable Diesel Powered Generator Set 5,138.51 Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour. <i>For >160 To 320 Hours Usage Per Month, Add</i> 2,569.26 <i>For >320 Hours Usage Per Month, Add</i> 5,138.51		
01 22 23 00-0655	DAY		200.0 KW, 60 Hertz Towable Diesel Powered Generator Set 901.97 Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour. <i>For >8 To 16 Hours Usage Per Day, Add</i> 450.99 <i>For >16 To 24 Hours Usage Per Day, Add</i> 901.97		
01 22 23 00-0656	WK		200.0 KW, 60 Hertz Towable Diesel Powered Generator Set 2,241.26 Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour. <i>For >40 To 80 Hours Usage Per Week, Add</i> 1,120.63 <i>For >80 Hours Usage Per Week, Add</i> 2,241.26		
01 22 23 00-0657	MO		200.0 KW, 60 Hertz Towable Diesel Powered Generator Set 6,559.80 Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour. <i>For >160 To 320 Hours Usage Per Month, Add</i> 3,279.90 <i>For >320 Hours Usage Per Month, Add</i> 6,559.80		
01 22 23 00-0658	DAY		250.0 KW, 60 Hertz Towable Diesel Powered Generator Set 956.64 Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour. <i>For >8 To 16 Hours Usage Per Day, Add</i> 478.32 <i>For >16 To 24 Hours Usage Per Day, Add</i> 956.64		
01 22 23 00-0659	WK		250.0 KW, 60 Hertz Towable Diesel Powered Generator Set 2,295.93 Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour. <i>For >40 To 80 Hours Usage Per Week, Add</i> 1,147.97 <i>For >80 Hours Usage Per Week, Add</i> 2,295.93		
01 22 23 00-0660	MO		250.0 KW, 60 Hertz Towable Diesel Powered Generator Set 6,778.46 Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour. <i>For >160 To 320 Hours Usage Per Month, Add</i> 3,389.23 <i>For >320 Hours Usage Per Month, Add</i> 6,778.46		
01 22 23 00-0661	DAY		275.0 KW, 60 Hertz Towable Diesel Powered Generator Set 1,011.30 Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour. <i>For >8 To 16 Hours Usage Per Day, Add</i> 505.65 <i>For >16 To 24 Hours Usage Per Day, Add</i> 1,011.30		
01 22 23 00-0662	WK		275.0 KW, 60 Hertz Towable Diesel Powered Generator Set 2,350.60 Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour. <i>For >40 To 80 Hours Usage Per Week, Add</i> 1,175.30 <i>For >80 Hours Usage Per Week, Add</i> 2,350.60		
01 22 23 00-0663	MO		275.0 KW, 60 Hertz Towable Diesel Powered Generator Set 6,997.12 Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour. <i>For >160 To 320 Hours Usage Per Month, Add</i> 3,498.56 <i>For >320 Hours Usage Per Month, Add</i> 6,997.12		
01 22 23 00-0664	DAY		300.0 KW, 60 Hertz Towable Diesel Powered Generator Set 1,044.10 Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour. <i>For >8 To 16 Hours Usage Per Day, Add</i> 522.05 <i>For >16 To 24 Hours Usage Per Day, Add</i> 1,044.10		
01 22 23 00-0665	WK		300.0 KW, 60 Hertz Towable Diesel Powered Generator Set 2,514.59 Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour. <i>For >40 To 80 Hours Usage Per Week, Add</i> 1,257.30 <i>For >80 Hours Usage Per Week, Add</i> 2,514.59		
01 22 23 00-0666	MO		300.0 KW, 60 Hertz Towable Diesel Powered Generator Set 7,434.44 Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour. <i>For >160 To 320 Hours Usage Per Month, Add</i> 3,717.22 <i>For >320 Hours Usage Per Month, Add</i> 7,434.44		
01 22 23 00-0667	DAY		350.0 KW, 60 Hertz Towable Diesel Powered Generator Set 1,093.30 Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour. <i>For >8 To 16 Hours Usage Per Day, Add</i> 546.65 <i>For >16 To 24 Hours Usage Per Day, Add</i> 1,093.30		
01 22 23 00-0668	WK		350.0 KW, 60 Hertz Towable Diesel Powered Generator Set 2,842.58 Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour. <i>For >40 To 80 Hours Usage Per Week, Add</i> 1,421.29 <i>For >80 Hours Usage Per Week, Add</i> 2,842.58		
01 22 23 00-0669	MO		350.0 KW, 60 Hertz Towable Diesel Powered Generator Set 8,199.75 Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour. <i>For >160 To 320 Hours Usage Per Month, Add</i> 4,099.88 <i>For >320 Hours Usage Per Month, Add</i> 8,199.75		
01 22 23 00-0670	DAY		400.0 KW, 60 Hertz Towable Diesel Powered Generator Set 1,523.92 Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour. <i>For >8 To 16 Hours Usage Per Day, Add</i> 761.96 <i>For >16 To 24 Hours Usage Per Day, Add</i> 1,523.92		
01 22 23 00-0671	WK		400.0 KW, 60 Hertz Towable Diesel Powered Generator Set 3,940.06 Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour. <i>For >40 To 80 Hours Usage Per Week, Add</i> 1,970.03 <i>For >80 Hours Usage Per Week, Add</i> 3,940.06		

01 General Requirements
01 20 Price and Payment Procedures
01 22 Unit Prices

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 22 23 00-0672	MO		400.0 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour. <i>For >160 To 320 Hours Usage Per Month, Add</i> <i>For >320 Hours Usage Per Month, Add</i>	10,420.00 5,210.00 10,420.00	
01 22 23 00-0673	DAY		500.0 KW, 60 Hertz Container Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour. <i>For >8 To 16 Hours Usage Per Day, Add</i> <i>For >16 To 24 Hours Usage Per Day, Add</i>	1,953.75 976.88 1,953.75	
01 22 23 00-0674	WK		500.0 KW, 60 Hertz Container Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour. <i>For >40 To 80 Hours Usage Per Week, Add</i> <i>For >80 Hours Usage Per Week, Add</i>	5,079.75 2,539.88 5,079.75	
01 22 23 00-0675	MO		500.0 KW, 60 Hertz Container Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour. <i>For >160 To 320 Hours Usage Per Month, Add</i> <i>For >320 Hours Usage Per Month, Add</i>	11,722.50 5,861.25 11,722.50	
01 22 23 00-0676	DAY		640.0 KW, 60 Hertz Container Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour. <i>For >8 To 16 Hours Usage Per Day, Add</i> <i>For >16 To 24 Hours Usage Per Day, Add</i>	2,416.14 1,208.07 2,416.14	
01 22 23 00-0677	WK		640.0 KW, 60 Hertz Container Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour. <i>For >40 To 80 Hours Usage Per Week, Add</i> <i>For >80 Hours Usage Per Week, Add</i>	6,382.25 3,191.13 6,382.25	
01 22 23 00-0678	MO		640.0 KW, 60 Hertz Container Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour. <i>For >160 To 320 Hours Usage Per Month, Add</i> <i>For >320 Hours Usage Per Month, Add</i>	15,630.00 7,815.00 15,630.00	
01 22 23 00-0679	DAY		750.0 KW, 60 Hertz Container Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour. <i>For >8 To 16 Hours Usage Per Day, Add</i> <i>For >16 To 24 Hours Usage Per Day, Add</i>	2,611.51 1,305.76 2,611.51	
01 22 23 00-0680	WK		750.0 KW, 60 Hertz Container Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour. <i>For >40 To 80 Hours Usage Per Week, Add</i> <i>For >80 Hours Usage Per Week, Add</i>	6,017.55 3,008.78 6,017.55	
01 22 23 00-0681	MO		750.0 KW, 60 Hertz Container Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour. <i>For >160 To 320 Hours Usage Per Month, Add</i> <i>For >320 Hours Usage Per Month, Add</i>	18,052.65 9,026.33 18,052.65	
01 22 23 00-0682	EA		Up To 300 KW Generator Set Delivery, Set-Up, Testing And Pick-up.....	900.78	
01 22 23 00-0683	EA		350 To 750 KW Generator Set Delivery, Set-Up, Testing And Pick-up.....	1,473.57	

01 22 23 00-0684 Cabling For Generator Sets (01 22 23 00-0604)

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0685	DAY		#1 Banded Cable, 50' With Camlock Ends For Generator Set.....	24.05	
01 22 23 00-0686	WK		#1 Banded Cable, 50' With Camlock Ends For Generator Set.....	42.09	
01 22 23 00-0687	MO		#1 Banded Cable, 50' With Camlock Ends For Generator Set.....	126.28	
01 22 23 00-0688	DAY		50', 4/0 Cable With Camlock Ends For Generator Set.....	12.03	
01 22 23 00-0689	WK		50', 4/0 Cable With Camlock Ends For Generator Set.....	34.99	
01 22 23 00-0690	MO		50', 4/0 Cable With Camlock Ends For Generator Set.....	97.30	

01 22 23 00-0691 Resistive Load Banks For Generator Sets (01 22 23 00-0604)

Note: Includes delivery to job site and pick-up when complete. See CSI section 01 22 23 00-0712 for reimbursable fuel fees.

01 22 23 00-0692	DAY		100 KW A/C Resistive Load Bank	345.41	
01 22 23 00-0693	WK		100 KW A/C Resistive Load Bank	656.95	
01 22 23 00-0694	MO		100 KW A/C Resistive Load Bank	1,794.77	
01 22 23 00-0695	DAY		650 KW A/C Resistive Load Bank	683.72	
01 22 23 00-0696	WK		650 KW A/C Resistive Load Bank	1,828.43	
01 22 23 00-0697	MO		650 KW A/C Resistive Load Bank	4,661.71	

01 22 23 00-0698 Sub-Distribution Panels (Spider Box) For Generator Sets (01 22 23 00-0604)

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0699	DAY		50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box).....	59.04	
01 22 23 00-0700	WK		50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box).....	153.06	
01 22 23 00-0701	MO		50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box).....	431.85	

01 22 23 00-0702 Portable Distribution Panels For Generator Sets (01 22 23 00-0604)

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0703	DAY		200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel	131.20	
01 22 23 00-0704	WK		200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel	355.32	
01 22 23 00-0705	MO		200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel	994.90	
01 22 23 00-0706	DAY		100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	107.14	
01 22 23 00-0707	WK		100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	278.79	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 22 23 00-0708	MO		100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel.....	792.64	
01 22 23 00-0709	DAY		200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel.....	136.66	
01 22 23 00-0710	WK		200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel.....	344.39	
01 22 23 00-0711	MO		200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel.....	934.77	

01 22 23 00-0712 Fuel Reimbursement For Generators (01 22 23 00-0604)

01 22 23 00-0713	EA		Fuel Reimbursement For Generators.....	1.00	
Note: Purchases made by the contractor for fuel will be reimbursed to the Contractor at the actual cost of the purchase, without mark-up, for which a receipt or bill is received. The Adjustment Factor applied to Reimbursable Fees will be 1.0000. The base cost of the purchase is \$1.00, quantity will adjust cost to actual purchase cost; i.e., quantity of 125 = \$125.00 purchase. If there are multiple purchases, each one shall be listed separately with a comment in the "note" block to identify the purchase.					

01 22 23 00-0714 Welding Machines (01 22 23 00-0589)
Note: Includes delivery to job site and pick-up when complete. Excludes operator.

01 22 23 00-0715 Diesel Powered Towable Welding Machines (01 22 23 00-0714)
Note: Includes delivery to job site and pick-up when complete. Excludes operator.

01 22 23 00-0716	DAY		250 To 299 Amperes, Diesel Powered Towable Welding Machine.....	141.83	
01 22 23 00-0717	WK		250 To 299 Amperes, Diesel Powered Towable Welding Machine.....	346.70	
01 22 23 00-0718	MO		250 To 299 Amperes, Diesel Powered Towable Welding Machine.....	827.35	
01 22 23 00-0719	DAY		300 To 349 Amperes, Diesel Powered Towable Welding Machine.....	189.11	
01 22 23 00-0720	WK		300 To 349 Amperes, Diesel Powered Towable Welding Machine.....	370.34	
01 22 23 00-0721	MO		300 To 349 Amperes, Diesel Powered Towable Welding Machine.....	865.17	
01 22 23 00-0722	DAY		350 To 399 Amperes, Diesel Powered Towable Welding Machine.....	196.99	
01 22 23 00-0723	WK		350 To 399 Amperes, Diesel Powered Towable Welding Machine.....	393.98	
01 22 23 00-0724	MO		350 To 399 Amperes, Diesel Powered Towable Welding Machine.....	961.30	

01 22 23 00-0725 CC/CV Inverter Welder (01 22 23 00-0714)
Note: Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0712 for reimbursable fuel fees.

01 22 23 00-0726	DAY		250 Amperes, CC Inverter Welder.....	44.13	
01 22 23 00-0727	WK		250 Amperes, CC Inverter Welder.....	96.13	
01 22 23 00-0728	MO		250 Amperes, CC Inverter Welder.....	291.54	
01 22 23 00-0729	DAY		300 Amperes, CC/CV Inverter Welder.....	50.43	
01 22 23 00-0730	WK		300 Amperes, CC/CV Inverter Welder.....	133.95	
01 22 23 00-0731	MO		300 Amperes, CC/CV Inverter Welder.....	354.58	
01 22 23 00-0732	DAY		350 Amperes, CC/CV Inverter Welder.....	52.00	
01 22 23 00-0733	WK		350 Amperes, CC/CV Inverter Welder.....	137.10	
01 22 23 00-0734	MO		350 Amperes, CC/CV Inverter Welder.....	386.10	

01 22 23 00-0735 MIG Welder (01 22 23 00-0714)
Note: Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0712 for reimbursable fuel fees.

01 22 23 00-0736	DAY		115 Volt MIG Welder.....	75.64	
01 22 23 00-0737	WK		115 Volt MIG Welder.....	196.99	
01 22 23 00-0738	MO		115 Volt MIG Welder.....	535.81	

01 22 23 00-0739 General Equipment (01 22 23)

01 22 23 00-0740 Jacks And Bracing (01 22 23 00-0739)
Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0741 Manual Hydraulic Jacks (01 22 23 00-0740)

01 22 23 00-0742	DAY		12 Ton Manual Hydraulic Bottle Jack.....	1.67	
01 22 23 00-0743	WK		12 Ton Manual Hydraulic Bottle Jack.....	7.93	
01 22 23 00-0744	MO		12 Ton Manual Hydraulic Bottle Jack.....	28.50	
01 22 23 00-0745	DAY		20 Ton Manual Hydraulic Bottle Jack.....	2.92	
01 22 23 00-0746	WK		20 Ton Manual Hydraulic Bottle Jack.....	9.18	
01 22 23 00-0747	MO		20 Ton Manual Hydraulic Bottle Jack.....	34.76	
01 22 23 00-0748	DAY		50 Ton Manual Hydraulic Bottle Jack.....	10.43	
01 22 23 00-0749	WK		50 Ton Manual Hydraulic Bottle Jack.....	40.49	
01 22 23 00-0750	MO		50 Ton Manual Hydraulic Bottle Jack.....	145.66	
01 22 23 00-0751	DAY		100 Ton Manual Hydraulic Bottle Jack.....	14.61	
01 22 23 00-0752	WK		100 Ton Manual Hydraulic Bottle Jack.....	58.43	
01 22 23 00-0753	MO		100 Ton Manual Hydraulic Bottle Jack.....	210.46	

01 22 23 00-0754 Manual Screw Jacks (01 22 23 00-0740)

01 22 23 00-0755	DAY		10 To 20 Ton Manual Screw Jack.....	26.41	
01 22 23 00-0756	WK		10 To 20 Ton Manual Screw Jack.....	71.09	
01 22 23 00-0757	MO		10 To 20 Ton Manual Screw Jack.....	197.03	

01 22 23 00-0758 Shores/Braces (01 22 23 00-0740)

01 22 23 00-0759	MO		Adjustable Tubular Steel Shoring, To 10'.....	16.29	
01 22 23 00-0760	MO		Adjustable Tubular Steel Shoring, To 16'.....	19.55	
01 22 23 00-0761	MO		Adjustable Wood Shoring, To 10'.....	7.82	
01 22 23 00-0762	MO		Adjustable Wood Shoring, To 16'.....	10.42	
01 22 23 00-0763	EA		Erect And Strip Shores To 10'.....	36.09	
01 22 23 00-0764	EA		Erect And Strip Shores To 13'.....	39.83	
01 22 23 00-0765	EA		Erect And Strip Shores To 16'.....	44.81	

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TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 22 23 00-0766		Pressure Washers <small>(01 22 23 00-0739)</small>	
Note: Includes delivery to job site, pick-up when complete and full time operator.			
01 22 23 00-0767	DAY	2,000 PSI Pressure Washer With Full-Time Operator	781.29
		<i>For Equipment Without Operator, Deduct</i>	-652.65
01 22 23 00-0768	WK	2,000 PSI Pressure Washer With Full-Time Operator	3,589.81
		<i>For Equipment Without Operator, Deduct</i>	-3,263.27
01 22 23 00-0769	MO	2,000 PSI Pressure Washer With Full-Time Operator	14,972.03
		<i>For Equipment Without Operator, Deduct</i>	-14,140.85
01 22 23 00-0770	DAY	2,500 PSI Pressure Washer With Full-Time Operator	781.29
		<i>For Equipment Without Operator, Deduct</i>	-652.65
01 22 23 00-0771	WK	2,500 PSI Pressure Washer With Full-Time Operator	3,589.81
		<i>For Equipment Without Operator, Deduct</i>	-3,263.27
01 22 23 00-0772	MO	2,500 PSI Pressure Washer With Full-Time Operator	14,972.03
		<i>For Equipment Without Operator, Deduct</i>	-14,140.85
01 22 23 00-0773	DAY	3,000 PSI Pressure Washer With Full-Time Operator	781.29
		<i>For Equipment Without Operator, Deduct</i>	-652.65
01 22 23 00-0774	WK	3,000 PSI Pressure Washer With Full-Time Operator	3,589.81
		<i>For Equipment Without Operator, Deduct</i>	-3,263.27
01 22 23 00-0775	MO	3,000 PSI Pressure Washer With Full-Time Operator	14,972.03
		<i>For Equipment Without Operator, Deduct</i>	-14,140.85
01 22 23 00-0776	DAY	3,500 PSI Pressure Washer With Full-Time Operator	791.18
		<i>For Equipment Without Operator, Deduct</i>	-652.65
01 22 23 00-0777	WK	3,500 PSI Pressure Washer With Full-Time Operator	3,619.49
		<i>For Equipment Without Operator, Deduct</i>	-3,263.27
01 22 23 00-0778	MO	3,500 PSI Pressure Washer With Full-Time Operator	15,051.19
		<i>For Equipment Without Operator, Deduct</i>	-14,140.85
01 22 23 00-0779	DAY	4,000 PSI Pressure Washer With Full-Time Operator	830.76
		<i>For Equipment Without Operator, Deduct</i>	-652.65
01 22 23 00-0780	WK	4,000 PSI Pressure Washer With Full-Time Operator	3,748.13
		<i>For Equipment Without Operator, Deduct</i>	-3,263.27
01 22 23 00-0781	MO	4,000 PSI Pressure Washer With Full-Time Operator	15,496.47
		<i>For Equipment Without Operator, Deduct</i>	-14,140.85
01 22 23 00-0782	DAY	5,000 PSI Pressure Washer With Full-Time Operator	850.55
		<i>For Equipment Without Operator, Deduct</i>	-652.65
01 22 23 00-0783	WK	5,000 PSI Pressure Washer With Full-Time Operator	3,797.60
		<i>For Equipment Without Operator, Deduct</i>	-3,263.27
01 22 23 00-0784	MO	5,000 PSI Pressure Washer With Full-Time Operator	15,644.89
		<i>For Equipment Without Operator, Deduct</i>	-14,140.85
01 22 23 00-0785		Confined Space Entry Equipment <small>(01 22 23 00-0739)</small>	
Note: Includes delivery to job site, set-up, and pick-up when complete.			
01 22 23 00-0786	DAY	Ventilation Equipment For Confined Space	41.05
		Note: Includes electric or gas blower and ventilation duct up to 25'.	
01 22 23 00-0787	WK	Ventilation Equipment For Confined Space	123.14
		Note: Includes electric or gas blower and ventilation duct up to 25'.	
01 22 23 00-0788	MO	Ventilation Equipment For Confined Space	367.46
		Note: Includes electric or gas blower and ventilation duct up to 25'.	
01 22 23 00-0789	DAY	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	61.77
01 22 23 00-0790	WK	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	185.32
01 22 23 00-0791	MO	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	555.96
01 22 23 00-0792	DAY	Confined Space Air Monitor Personnel	861.56
		Note: Per person day.	
01 22 23 00-0793		Space Heaters <small>(01 22 23 00-0739)</small>	
Note: Includes delivery to job site, set-up, and pick-up when complete. Excludes operator.			
01 22 23 00-0794	DAY	150,000 BTU/Hour Space Heater	69.23
01 22 23 00-0795	WK	150,000 BTU/Hour Space Heater	199.03
01 22 23 00-0796	MO	150,000 BTU/Hour Space Heater	562.48
01 22 23 00-0797	DAY	500,000 BTU/Hour Space Heater	147.11
01 22 23 00-0798	WK	500,000 BTU/Hour Space Heater	363.45
01 22 23 00-0799	MO	500,000 BTU/Hour Space Heater	919.00
01 22 23 00-0800		Material Handling Equipment <small>(01 22 23)</small>	
01 22 23 00-0801		Truck Mounted Hydraulic Cranes <small>(01 22 23 00-0800)</small>	
Note: Includes full-time operator, delivery, set-up, rigging, and removal time in rental period. Excludes lattice boom extension.			
01 22 23 00-0802	DAY	6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,337.44
		<i>For Equipment Without Operator, Deduct</i>	-926.92
01 22 23 00-0803	WK	6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	5,878.24
		<i>For Equipment Without Operator, Deduct</i>	-4,634.62
01 22 23 00-0804	MO	6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	23,826.30
		<i>For Equipment Without Operator, Deduct</i>	-20,083.36
01 22 23 00-0805	DAY	8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,446.10
		<i>For Equipment Without Operator, Deduct</i>	-926.92
01 22 23 00-0806	WK	8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	6,201.22
		<i>For Equipment Without Operator, Deduct</i>	-4,634.62
01 22 23 00-0807	MO	8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	24,792.22
		<i>For Equipment Without Operator, Deduct</i>	-20,083.36
01 22 23 00-0808	DAY	14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,554.77
		<i>For Equipment Without Operator, Deduct</i>	-926.92
01 22 23 00-0809	WK	14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	6,524.20
		<i>For Equipment Without Operator, Deduct</i>	-4,634.62
01 22 23 00-0810	MO	14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	25,758.14
		<i>For Equipment Without Operator, Deduct</i>	-20,083.36

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 22 23 00-0811	DAY 20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,699.66	
	<i>For Equipment Without Operator, Deduct</i>	-926.92	
01 22 23 00-0812	WK 20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	6,958.86	
	<i>For Equipment Without Operator, Deduct</i>	-4,634.62	
01 22 23 00-0813	MO 20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	27,056.10	
	<i>For Equipment Without Operator, Deduct</i>	-20,083.36	
01 22 23 00-0814	DAY 30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,832.47	
	<i>For Equipment Without Operator, Deduct</i>	-926.92	
01 22 23 00-0815	WK 30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	7,858.38	
	<i>For Equipment Without Operator, Deduct</i>	-4,634.62	
01 22 23 00-0816	MO 30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	29,752.22	
	<i>For Equipment Without Operator, Deduct</i>	-20,083.36	
01 22 23 00-0817	DAY 40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,146.39	
	<i>For Equipment Without Operator, Deduct</i>	-926.92	
01 22 23 00-0818	WK 40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	8,981.26	
	<i>For Equipment Without Operator, Deduct</i>	-4,634.62	
01 22 23 00-0819	MO 40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	33,123.28	
	<i>For Equipment Without Operator, Deduct</i>	-20,083.36	
01 22 23 00-0820	DAY 50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,345.62	
	<i>For Equipment Without Operator, Deduct</i>	-926.92	
01 22 23 00-0821	WK 50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	9,681.55	
	<i>For Equipment Without Operator, Deduct</i>	-4,634.62	
01 22 23 00-0822	MO 50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	35,228.99	
	<i>For Equipment Without Operator, Deduct</i>	-20,083.36	
01 22 23 00-0823	DAY 60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,502.58	
	<i>For Equipment Without Operator, Deduct</i>	-926.92	
01 22 23 00-0824	WK 60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	10,249.03	
	<i>For Equipment Without Operator, Deduct</i>	-4,634.62	
01 22 23 00-0825	MO 60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	36,929.00	
	<i>For Equipment Without Operator, Deduct</i>	-20,083.36	
01 22 23 00-0826	DAY 70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,659.54	
	<i>For Equipment Without Operator, Deduct</i>	-926.92	
01 22 23 00-0827	WK 70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	10,816.51	
	<i>For Equipment Without Operator, Deduct</i>	-4,634.62	
01 22 23 00-0828	MO 70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	38,629.02	
	<i>For Equipment Without Operator, Deduct</i>	-20,083.36	
01 22 23 00-0829	DAY 85 To 90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,762.17	
	<i>For Equipment Without Operator, Deduct</i>	-926.92	
01 22 23 00-0830	WK 85 To 90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	11,166.65	
	<i>For Equipment Without Operator, Deduct</i>	-4,634.62	
01 22 23 00-0831	MO 85 To 90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	39,691.54	
	<i>For Equipment Without Operator, Deduct</i>	-20,083.36	
01 22 23 00-0832	DAY 100 To 110 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,901.02	
	<i>For Equipment Without Operator, Deduct</i>	-926.92	
01 22 23 00-0833	WK 100 To 110 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	11,685.84	
	<i>For Equipment Without Operator, Deduct</i>	-4,634.62	
01 22 23 00-0834	MO 100 To 110 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	41,237.01	
	<i>For Equipment Without Operator, Deduct</i>	-20,083.36	
01 22 23 00-0835	DAY 120 To 125 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	3,347.76	
	<i>For Equipment Without Operator, Deduct</i>	-926.92	
	<i>For Half Day Usage, Deduct</i>	-968.34	
01 22 23 00-0836	WK 120 To 125 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	13,107.55	
	<i>For Equipment Without Operator, Deduct</i>	-4,634.62	
01 22 23 00-0837	MO 120 To 125 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	45,502.15	
	<i>For Equipment Without Operator, Deduct</i>	-20,083.36	
01 22 23 00-0838	DAY 140 To 150 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	3,655.64	
	<i>For Equipment Without Operator, Deduct</i>	-926.92	
	<i>For Half Day Usage, Deduct</i>	-1,091.49	
01 22 23 00-0839	WK 140 To 150 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	14,185.15	
	<i>For Equipment Without Operator, Deduct</i>	-4,634.62	
01 22 23 00-0840	MO 140 To 150 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	48,734.96	
	<i>For Equipment Without Operator, Deduct</i>	-20,083.36	
01 22 23 00-0841	DAY 175 To 185 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	4,211.05	
	<i>For Equipment Without Operator, Deduct</i>	-926.92	
	<i>For Half Day Usage, Deduct</i>	-1,313.65	
01 22 23 00-0842	WK 175 To 185 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	16,129.07	
	<i>For Equipment Without Operator, Deduct</i>	-4,634.62	
01 22 23 00-0843	MO 175 To 185 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	54,566.70	
	<i>For Equipment Without Operator, Deduct</i>	-20,083.36	
01 22 23 00-0844	DAY 200 To 210 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	4,597.42	
	<i>For Equipment Without Operator, Deduct</i>	-926.92	
	<i>For Half Day Usage, Deduct</i>	-1,468.20	
01 22 23 00-0845	WK 200 To 210 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	17,481.36	
	<i>For Equipment Without Operator, Deduct</i>	-4,634.62	
01 22 23 00-0846	MO 200 To 210 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	58,623.57	
	<i>For Equipment Without Operator, Deduct</i>	-20,083.36	

01 22 23 00-0847 Cable Controlled Lattice Boom, Mechanical Cranes (01 22 23 00-0800)

Note: Includes full-time operator. Excludes delivery, set-up, and removal. See CSI section 01 71 13 00-0004 for lattice crane delivery.

01 22 23 00-0848	DAY 75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	2,375.80	
	<i>For Equipment Without Operator, Deduct</i>	-926.92	
01 22 23 00-0849	WK 75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	9,802.29	
	<i>For Equipment Without Operator, Deduct</i>	-4,634.62	
01 22 23 00-0850	MO 75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	35,586.38	
	<i>For Equipment Without Operator, Deduct</i>	-20,083.36	
01 22 23 00-0851	DAY 100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	3,492.64	
	<i>For Equipment Without Operator, Deduct</i>	-926.92	

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TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 22 23 00-0852	WK	100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator.....	11,661.69	
		<i>For Equipment Without Operator, Deduct</i>	-4,634.62	
01 22 23 00-0853	MO	100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator.....	41,164.56	
		<i>For Equipment Without Operator, Deduct</i>	-20,083.36	
01 22 23 00-0854	DAY	125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator	3,673.76	
		<i>For Equipment Without Operator, Deduct</i>	-926.92	
01 22 23 00-0855	WK	125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator	12,983.79	
		<i>For Equipment Without Operator, Deduct</i>	-4,634.62	
01 22 23 00-0856	MO	125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator	45,129.67	
		<i>For Equipment Without Operator, Deduct</i>	-20,083.36	
01 22 23 00-0857	DAY	150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator	4,035.98	
		<i>For Equipment Without Operator, Deduct</i>	-926.92	
01 22 23 00-0858	WK	150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator	14,305.89	
		<i>For Equipment Without Operator, Deduct</i>	-4,634.62	
01 22 23 00-0859	MO	150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator	49,089.94	
		<i>For Equipment Without Operator, Deduct</i>	-20,083.36	
01 22 23 00-0860	DAY	200 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	4,208.03	
		<i>For Equipment Without Operator, Deduct</i>	-926.92	
01 22 23 00-0861	WK	200 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	15,628.00	
		<i>For Equipment Without Operator, Deduct</i>	-4,634.62	
01 22 23 00-0862	MO	200 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	53,059.87	
		<i>For Equipment Without Operator, Deduct</i>	-20,083.36	
01 22 23 00-0863	DAY	250 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	4,380.08	
		<i>For Equipment Without Operator, Deduct</i>	-926.92	
01 22 23 00-0864	WK	250 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	16,950.10	
		<i>For Equipment Without Operator, Deduct</i>	-4,634.62	
01 22 23 00-0865	MO	250 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	57,029.80	
		<i>For Equipment Without Operator, Deduct</i>	-20,083.36	
01 22 23 00-0866	DAY	300 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	4,947.56	
		<i>For Equipment Without Operator, Deduct</i>	-926.92	
01 22 23 00-0867	WK	300 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	18,984.57	
		<i>For Equipment Without Operator, Deduct</i>	-4,634.62	
01 22 23 00-0868	MO	300 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	63,124.76	
		<i>For Equipment Without Operator, Deduct</i>	-20,083.36	
01 22 23 00-0869	DAY	500 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	8,436.95	
		<i>For Equipment Without Operator, Deduct</i>	-926.92	
01 22 23 00-0870	WK	500 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	31,420.79	
		<i>For Equipment Without Operator, Deduct</i>	-4,634.62	
01 22 23 00-0871	MO	500 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	100,447.90	
		<i>For Equipment Without Operator, Deduct</i>	-20,083.36	

01 22 23 00-0872 Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklifts (01 22 23 00-0800)

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0873	DAY	5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,522.38	
		<i>For Equipment Without Operator, Deduct</i>	-861.56	
01 22 23 00-0874	WK	5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	5,925.09	
		<i>For Equipment Without Operator, Deduct</i>	-4,307.82	
01 22 23 00-0875	MO	5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	22,145.21	
		<i>For Equipment Without Operator, Deduct</i>	-18,667.21	
01 22 23 00-0876	DAY	6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,591.94	
		<i>For Equipment Without Operator, Deduct</i>	-861.56	
01 22 23 00-0877	WK	6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	6,081.60	
		<i>For Equipment Without Operator, Deduct</i>	-4,307.82	
01 22 23 00-0878	MO	6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	22,493.01	
		<i>For Equipment Without Operator, Deduct</i>	-18,667.21	
01 22 23 00-0879	DAY	8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,574.55	
		<i>For Equipment Without Operator, Deduct</i>	-861.56	
01 22 23 00-0880	WK	8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	6,159.86	
		<i>For Equipment Without Operator, Deduct</i>	-4,307.82	
01 22 23 00-0881	MO	8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	23,014.71	
		<i>For Equipment Without Operator, Deduct</i>	-18,667.21	
01 22 23 00-0882	DAY	10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,774.54	
		<i>For Equipment Without Operator, Deduct</i>	-861.56	
01 22 23 00-0883	WK	10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	6,681.56	
		<i>For Equipment Without Operator, Deduct</i>	-4,307.82	
01 22 23 00-0884	MO	10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	24,232.01	
		<i>For Equipment Without Operator, Deduct</i>	-18,667.21	

01 22 23 00-0885 Straight Mast, Rough Terrain Construction Forklifts (01 22 23 00-0800)

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0886	DAY	5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	1,291.09	
		<i>For Equipment Without Operator, Deduct</i>	-861.56	
		<i>For Propane Instead Of Gas Or Diesel, Add</i>	85.91	
01 22 23 00-0887	WK	5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	5,480.78	
		<i>For Equipment Without Operator, Deduct</i>	-4,307.82	
		<i>For Propane Instead Of Gas Or Diesel, Add</i>	234.59	
01 22 23 00-0888	MO	5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	21,351.79	
		<i>For Equipment Without Operator, Deduct</i>	-18,667.21	
		<i>For Propane Instead Of Gas Or Diesel, Add</i>	536.92	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 22 23 00-0889	DAY	6,000 LB	Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	1,313.70	
			<i>For Equipment Without Operator, Deduct</i>	-861.56	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	90.43	
01 22 23 00-0890	WK	6,000 LB	Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	5,542.51	
			<i>For Equipment Without Operator, Deduct</i>	-4,307.82	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	246.94	
01 22 23 00-0891	MO	6,000 LB	Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	21,493.09	
			<i>For Equipment Without Operator, Deduct</i>	-18,667.21	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	565.18	
01 22 23 00-0892	DAY	8,000 LB	Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	1,435.43	
			<i>For Equipment Without Operator, Deduct</i>	-861.56	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	114.77	
01 22 23 00-0893	WK	8,000 LB	Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	5,881.62	
			<i>For Equipment Without Operator, Deduct</i>	-4,307.82	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	314.76	
01 22 23 00-0894	MO	8,000 LB	Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	22,275.63	
			<i>For Equipment Without Operator, Deduct</i>	-18,667.21	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	721.68	
01 22 23 00-0895	DAY	10,000 LB	Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	1,502.47	
			<i>For Equipment Without Operator, Deduct</i>	-861.56	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	128.18	
01 22 23 00-0896	WK	10,000 LB	Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	5,852.57	
			<i>For Equipment Without Operator, Deduct</i>	-4,307.82	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	308.95	
01 22 23 00-0897	MO	10,000 LB	Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	22,512.66	
			<i>For Equipment Without Operator, Deduct</i>	-18,667.21	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	769.09	

01 22 23 00-0898 Straight Mast, Industrial Warehouse Forklifts (01 22 23 00-0800)
 Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0899	DAY	5,000 LB	Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	1,226.75	
			<i>For Equipment Without Operator, Deduct</i>	-861.56	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	73.04	
01 22 23 00-0900	WK	5,000 LB	Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	5,142.54	
			<i>For Equipment Without Operator, Deduct</i>	-4,307.82	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	166.94	
01 22 23 00-0901	MO	5,000 LB	Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	20,667.06	
			<i>For Equipment Without Operator, Deduct</i>	-18,667.21	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	399.97	
01 22 23 00-0902	DAY	6,000 LB	Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	1,235.44	
			<i>For Equipment Without Operator, Deduct</i>	-861.56	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	74.78	
01 22 23 00-0903	WK	6,000 LB	Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	5,168.62	
			<i>For Equipment Without Operator, Deduct</i>	-4,307.82	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	172.16	
01 22 23 00-0904	MO	6,000 LB	Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	20,727.93	
			<i>For Equipment Without Operator, Deduct</i>	-18,667.21	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	412.14	
01 22 23 00-0905	DAY	8,000 LB	Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	1,418.04	
			<i>For Equipment Without Operator, Deduct</i>	-861.56	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	111.30	
01 22 23 00-0906	WK	8,000 LB	Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	5,568.60	
			<i>For Equipment Without Operator, Deduct</i>	-4,307.82	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	252.16	
01 22 23 00-0907	MO	8,000 LB	Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	21,710.46	
			<i>For Equipment Without Operator, Deduct</i>	-18,667.21	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	608.65	
01 22 23 00-0908	DAY	12,000 LB	Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	1,435.43	
			<i>For Equipment Without Operator, Deduct</i>	-861.56	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	114.77	
01 22 23 00-0909	WK	12,000 LB	Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	5,716.41	
			<i>For Equipment Without Operator, Deduct</i>	-4,307.82	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	281.72	
01 22 23 00-0910	MO	12,000 LB	Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	22,232.16	
			<i>For Equipment Without Operator, Deduct</i>	-18,667.21	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	712.99	
01 22 23 00-0911	DAY	15,000 LB	Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	1,591.94	
			<i>For Equipment Without Operator, Deduct</i>	-861.56	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	146.08	
01 22 23 00-0912	WK	15,000 LB	Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	5,968.56	
			<i>For Equipment Without Operator, Deduct</i>	-4,307.82	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	332.15	
01 22 23 00-0913	MO	15,000 LB	Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	22,666.91	
			<i>For Equipment Without Operator, Deduct</i>	-18,667.21	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	799.94	

01 22 23 00-0914 Chain Hoists (01 22 23 00-0800)
 Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0915	DAY	1 Ton, 20' Lift,	Manual Chain Hoist.....	12.52	
01 22 23 00-0916	WK	1 Ton, 20' Lift,	Manual Chain Hoist.....	32.55	
01 22 23 00-0917	MO	1 Ton, 20' Lift,	Manual Chain Hoist.....	96.40	
01 22 23 00-0918	DAY	3 Ton, 20' Lift,	Manual Chain Hoist.....	35.06	
01 22 23 00-0919	WK	3 Ton, 20' Lift,	Manual Chain Hoist.....	82.63	
01 22 23 00-0920	MO	3 Ton, 20' Lift,	Manual Chain Hoist.....	231.62	
01 22 23 00-0921	DAY	5 Ton, 20' Lift,	Manual Chain Hoist.....	45.07	
01 22 23 00-0922	WK	5 Ton, 20' Lift,	Manual Chain Hoist.....	121.44	
01 22 23 00-0923	MO	5 Ton, 20' Lift,	Manual Chain Hoist.....	338.04	

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TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 22 23 00-0924	DAY	2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	88.89
01 22 23 00-0925	WK	2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	231.62
01 22 23 00-0926	MO	2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	626.00
01 22 23 00-0927	DAY	3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	90.14
01 22 23 00-0928	WK	3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	241.01
01 22 23 00-0929	MO	3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	657.30
01 22 23 00-0930	DAY	5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	92.65
01 22 23 00-0931	WK	5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	259.79
01 22 23 00-0932	MO	5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	719.90

01 22 23 00-0933 Roof Swing Hoist (01 22 23 00-0800)

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0934	DAY	Up To 400#, Manual Swing Roof Hoist.....	96.56
01 22 23 00-0935	WK	Up To 400#, Manual Swing Roof Hoist.....	337.98
01 22 23 00-0936	MO	Up To 400#, Manual Swing Roof Hoist.....	1,158.78

01 22 23 00-0937 Truck Mounted Digger Derrick (01 22 23 00-0800)

Note: Includes full-time operator, delivery, set-up, and removal time in rental period. Lifting capacity is reduced.

01 22 23 00-0938	DAY	Up To 47' Sheave Height, 34' Horizontal Reach, 12 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator.....	1,498.48
		Note: Includes lifting boom, grapple arm and auger drill.	
		For Equipment Without Operator, Deduct	-926.92
01 22 23 00-0939	WK	Up To 47' Sheave Height, 34' Horizontal Reach, 12 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator.....	6,349.29
		Note: Includes lifting boom, grapple arm and auger drill.	
		For Equipment Without Operator, Deduct	-4,634.62
01 22 23 00-0940	MO	Up To 47' Sheave Height, 34' Horizontal Reach, 12 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator.....	24,655.82
		Note: Includes lifting boom, grapple arm and auger drill.	
		For Equipment Without Operator, Deduct	-20,083.36
01 22 23 00-0941	DAY	Up To 48' Sheave Height, 38' Horizontal Reach, 15 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator.....	1,615.96
		Note: Includes lifting boom, grapple arm and auger drill.	
		For Equipment Without Operator, Deduct	-926.92
01 22 23 00-0942	WK	Up To 48' Sheave Height, 38' Horizontal Reach, 15 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator.....	6,701.73
		Note: Includes lifting boom, grapple arm and auger drill.	
		For Equipment Without Operator, Deduct	-4,634.62
01 22 23 00-0943	MO	Up To 48' Sheave Height, 38' Horizontal Reach, 15 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator.....	25,595.66
		Note: Includes lifting boom, grapple arm and auger drill.	
		For Equipment Without Operator, Deduct	-20,083.36
01 22 23 00-0944	DAY	Up To 65' Sheave Height, 55' Horizontal Reach, 21 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator.....	2,341.91
		Note: Includes lifting boom, grapple arm and auger drill.	
		For Equipment Without Operator, Deduct	-926.92
01 22 23 00-0945	WK	Up To 65' Sheave Height, 55' Horizontal Reach, 21 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator.....	8,879.59
		Note: Includes lifting boom, grapple arm and auger drill.	
		For Equipment Without Operator, Deduct	-4,634.62
01 22 23 00-0946	MO	Up To 65' Sheave Height, 55' Horizontal Reach, 21 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator.....	31,403.28
		Note: Includes lifting boom, grapple arm and auger drill.	
		For Equipment Without Operator, Deduct	-20,083.36

01 22 23 00-0947 Pumping Equipment (01 22 23)

01 22 23 00-0948 Gas Powered Portable Centrifugal Pumps (01 22 23 00-0947)

Note: Includes delivery, set-up, and removal. Excludes operator. See CSI section 01 22 23 00-0972 for larger diameter pumps.

01 22 23 00-0949	DAY	8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump.....	86.52
01 22 23 00-0950	WK	8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump.....	194.68
01 22 23 00-0951	MO	8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump.....	519.14
01 22 23 00-0952	DAY	16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump.....	103.83
01 22 23 00-0953	WK	16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump.....	233.61
01 22 23 00-0954	MO	16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump.....	622.97

01 22 23 00-0955 Gas Powered Portable Diaphragm Pumps (01 22 23 00-0947)

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-0956	DAY	3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump.....	99.50
01 22 23 00-0957	WK	3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump.....	281.20
01 22 23 00-0958	MO	3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump.....	713.82
01 22 23 00-0959	DAY	5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump.....	121.13
01 22 23 00-0960	WK	5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump.....	324.46
01 22 23 00-0961	MO	5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump.....	919.32

01 22 23 00-0962 Gas Powered Portable Trash Pumps (01 22 23 00-0947)

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-0963	DAY	12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump.....	125.46
01 22 23 00-0964	WK	12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump.....	259.57
01 22 23 00-0965	MO	12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump.....	778.72
01 22 23 00-0966	DAY	25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump.....	125.46
01 22 23 00-0967	WK	25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump.....	335.28

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 22 23 00-0968	MO		25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump.....	919.32	
01 22 23 00-0969	DAY		35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump.....	199.01	
01 22 23 00-0970	WK		35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump.....	562.41	
01 22 23 00-0971	MO		35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump.....	1,633.14	

01 22 23 00-0972 Diesel Powered Portable Trash Pumps (01 22 23 00-0947)

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-0973	DAY		63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	389.36	
01 22 23 00-0974	WK		63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	1,059.92	
01 22 23 00-0975	MO		63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	4,618.22	
01 22 23 00-0976	DAY		156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	594.85	
01 22 23 00-0977	WK		156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	1,557.43	
01 22 23 00-0978	MO		156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	4,142.34	
01 22 23 00-0979	DAY		246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	809.00	
01 22 23 00-0980	WK		246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	2,165.26	
01 22 23 00-0981	MO		246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	5,792.78	
01 22 23 00-0982	DAY		379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	1,046.94	
01 22 23 00-0983	WK		379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	2,673.59	
01 22 23 00-0984	MO		379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	7,852.05	

01 22 23 00-0985 Diesel Powered Portable Silenced Environmental Trash Pumps (01 22 23 00-0947)

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-0986	DAY		90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	555.92	
01 22 23 00-0987	WK		90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	1,265.41	
01 22 23 00-0988	MO		90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	3,945.49	
01 22 23 00-0989	DAY		136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	681.38	
01 22 23 00-0990	WK		136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	1,698.03	
01 22 23 00-0991	MO		136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	4,618.22	
01 22 23 00-0992	DAY		246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	821.98	
01 22 23 00-0993	WK		246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	2,431.32	
01 22 23 00-0994	MO		246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	6,781.32	
01 22 23 00-0995	DAY		510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	1,237.29	
01 22 23 00-0996	WK		510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	3,160.29	
01 22 23 00-0997	MO		510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	9,279.70	

01 22 23 00-0998 3 Phase Electric Submersible Pumps (01 22 23 00-0947)

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-0999	DAY		24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	216.31	
01 22 23 00-1000	WK		24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	540.78	
01 22 23 00-1001	MO		24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	1,622.32	
01 22 23 00-1002	DAY		49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	285.53	
01 22 23 00-1003	WK		49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	713.82	
01 22 23 00-1004	MO		49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	2,141.47	

01 22 23 00-1005 Suction Hose With Couplings (01 22 23 00-0947)

Note: Includes delivery, set-up, and removal.

01 22 23 00-1006	DAY		Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings.....	6.00	
01 22 23 00-1007	WK		Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings.....	15.00	
01 22 23 00-1008	MO		Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings.....	46.00	
01 22 23 00-1009	DAY		3" Inside Diameter, 20' Length, Suction Hose With Couplings.....	16.00	
01 22 23 00-1010	WK		3" Inside Diameter, 20' Length, Suction Hose With Couplings.....	41.00	
01 22 23 00-1011	MO		3" Inside Diameter, 20' Length, Suction Hose With Couplings.....	125.00	
01 22 23 00-1012	DAY		4" Inside Diameter, 20' Length, Suction Hose With Couplings.....	24.00	
01 22 23 00-1013	WK		4" Inside Diameter, 20' Length, Suction Hose With Couplings.....	61.00	
01 22 23 00-1014	MO		4" Inside Diameter, 20' Length, Suction Hose With Couplings.....	185.00	
01 22 23 00-1015	DAY		6" Inside Diameter, 20' Length, Suction Hose With Couplings.....	30.00	
01 22 23 00-1016	WK		6" Inside Diameter, 20' Length, Suction Hose With Couplings.....	75.00	
01 22 23 00-1017	MO		6" Inside Diameter, 20' Length, Suction Hose With Couplings.....	220.00	
01 22 23 00-1018	DAY		10" Inside Diameter, 20' Length, Suction Hose With Couplings.....	70.00	
01 22 23 00-1019	WK		10" Inside Diameter, 20' Length, Suction Hose With Couplings.....	180.00	
01 22 23 00-1020	MO		10" Inside Diameter, 20' Length, Suction Hose With Couplings.....	530.00	
01 22 23 00-1021	DAY		12" Inside Diameter, 20' Length, Suction Hose With Couplings.....	94.00	
01 22 23 00-1022	WK		12" Inside Diameter, 20' Length, Suction Hose With Couplings.....	205.00	
01 22 23 00-1023	MO		12" Inside Diameter, 20' Length, Suction Hose With Couplings.....	615.00	

01 22 23 00-1024 Discharge Hose With Couplings (01 22 23 00-0947)

Note: Includes delivery, set-up, and removal.

01 22 23 00-1025	DAY		1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	6.00	
01 22 23 00-1026	WK		1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	15.00	
01 22 23 00-1027	MO		1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	46.00	
01 22 23 00-1028	DAY		2" Inside Diameter, 50' Length, Discharge Hose With Couplings	7.00	
01 22 23 00-1029	WK		2" Inside Diameter, 50' Length, Discharge Hose With Couplings	17.00	
01 22 23 00-1030	MO		2" Inside Diameter, 50' Length, Discharge Hose With Couplings	53.00	
01 22 23 00-1031	DAY		3" Inside Diameter, 50' Length, Discharge Hose With Couplings	8.00	
01 22 23 00-1032	WK		3" Inside Diameter, 50' Length, Discharge Hose With Couplings	20.00	

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TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 22 23 00-1033	MO	3" Inside Diameter, 50' Length, Discharge Hose With Couplings	61.00
01 22 23 00-1034	DAY	4" Inside Diameter, 50' Length, Discharge Hose With Couplings	21.00
01 22 23 00-1035	WK	4" Inside Diameter, 50' Length, Discharge Hose With Couplings	54.00
01 22 23 00-1036	MO	4" Inside Diameter, 50' Length, Discharge Hose With Couplings	155.00
01 22 23 00-1037	DAY	6" Inside Diameter, 50' Length, Discharge Hose With Couplings	26.00
01 22 23 00-1038	WK	6" Inside Diameter, 50' Length, Discharge Hose With Couplings	71.00
01 22 23 00-1039	MO	6" Inside Diameter, 50' Length, Discharge Hose With Couplings	195.00
01 22 23 00-1040	DAY	10" Inside Diameter, 10' Length, Discharge Hose With Couplings	20.00
01 22 23 00-1041	WK	10" Inside Diameter, 10' Length, Discharge Hose With Couplings	50.00
01 22 23 00-1042	MO	10" Inside Diameter, 10' Length, Discharge Hose With Couplings	150.00
01 22 23 00-1043	DAY	12" Inside Diameter, 10' Length, Discharge Hose With Couplings	51.00
01 22 23 00-1044	WK	12" Inside Diameter, 10' Length, Discharge Hose With Couplings	130.00
01 22 23 00-1045	MO	12" Inside Diameter, 10' Length, Discharge Hose With Couplings	385.00

01 22 23 00-1046 Hydraulic Submersible Pumps (01 22 23 00-0947)

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-1047 Hydraulic Submersible Pumps (01 22 23 00-1046)

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-1048	DAY	60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	142.76
01 22 23 00-1049	WK	60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	382.87
01 22 23 00-1050	MO	60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	1,070.73
01 22 23 00-1051	DAY	132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	181.70
01 22 23 00-1052	WK	132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	467.23
01 22 23 00-1053	MO	132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	1,427.65

01 22 23 00-1054 Hydraulic Submersible Pump Diesel Power Packs (01 22 23 00-1046)

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-1055	DAY	100 HP, Hydraulic Submersible Pump Diesel Power Pack	329.87
01 22 23 00-1056	WK	100 HP, Hydraulic Submersible Pump Diesel Power Pack	984.21
01 22 23 00-1057	MO	100 HP, Hydraulic Submersible Pump Diesel Power Pack	2,595.72

01 22 23 00-1058 HDPE Pipe With Couplings (01 22 23 00-0947)

Note: Includes delivery, set-up, and removal.

01 22 23 00-1059	DAY	4" x 20' HDPE Pipe With Couplings	15.71
01 22 23 00-1060	WK	4" x 20' HDPE Pipe With Couplings	37.70
01 22 23 00-1061	MO	4" x 20' HDPE Pipe With Couplings	116.25
01 22 23 00-1062	DAY	6" x 20' HDPE Pipe With Couplings	25.14
01 22 23 00-1063	WK	6" x 20' HDPE Pipe With Couplings	62.84
01 22 23 00-1064	MO	6" x 20' HDPE Pipe With Couplings	191.66
01 22 23 00-1065	DAY	8" x 20' HDPE Pipe With Couplings	40.85
01 22 23 00-1066	WK	8" x 20' HDPE Pipe With Couplings	106.83
01 22 23 00-1067	MO	8" x 20' HDPE Pipe With Couplings	317.34
01 22 23 00-1068	DAY	10" x 20' HDPE Pipe With Couplings	50.27
01 22 23 00-1069	WK	10" x 20' HDPE Pipe With Couplings	128.82
01 22 23 00-1070	MO	10" x 20' HDPE Pipe With Couplings	392.75
01 22 23 00-1071	DAY	12" x 10' HDPE Pipe With Couplings	37.70
01 22 23 00-1072	WK	12" x 10' HDPE Pipe With Couplings	103.69
01 22 23 00-1073	MO	12" x 10' HDPE Pipe With Couplings	314.20
01 22 23 00-1074	DAY	4" Elbow For HDPE Pipe, Quick Connect	37.70
01 22 23 00-1075	WK	4" Elbow For HDPE Pipe, Quick Connect	97.40
01 22 23 00-1076	MO	4" Elbow For HDPE Pipe, Quick Connect	289.06
01 22 23 00-1077	DAY	6" Elbow For HDPE Pipe, Quick Connect	43.99
01 22 23 00-1078	WK	6" Elbow For HDPE Pipe, Quick Connect	113.11
01 22 23 00-1079	MO	6" Elbow For HDPE Pipe, Quick Connect	345.62
01 22 23 00-1080	DAY	8" Elbow For HDPE Pipe, Quick Connect	50.27
01 22 23 00-1081	WK	8" Elbow For HDPE Pipe, Quick Connect	128.82
01 22 23 00-1082	MO	8" Elbow For HDPE Pipe, Quick Connect	392.75
01 22 23 00-1083	DAY	10" Elbow For HDPE Pipe, Quick Connect	62.84
01 22 23 00-1084	WK	10" Elbow For HDPE Pipe, Quick Connect	160.24
01 22 23 00-1085	MO	10" Elbow For HDPE Pipe, Quick Connect	487.01
01 22 23 00-1086	DAY	12" Elbow For HDPE Pipe, Quick Connect	62.84
01 22 23 00-1087	WK	12" Elbow For HDPE Pipe, Quick Connect	160.24
01 22 23 00-1088	MO	12" Elbow For HDPE Pipe, Quick Connect	487.01
01 22 23 00-1089	DAY	4" Tee For HDPE Pipe, Quick Connect	37.70
01 22 23 00-1090	WK	4" Tee For HDPE Pipe, Quick Connect	97.40
01 22 23 00-1091	MO	4" Tee For HDPE Pipe, Quick Connect	289.06
01 22 23 00-1092	DAY	6" Tee For HDPE Pipe, Quick Connect	50.27
01 22 23 00-1093	WK	6" Tee For HDPE Pipe, Quick Connect	128.82
01 22 23 00-1094	MO	6" Tee For HDPE Pipe, Quick Connect	392.75
01 22 23 00-1095	DAY	8" Tee For HDPE Pipe, Quick Connect	62.84
01 22 23 00-1096	WK	8" Tee For HDPE Pipe, Quick Connect	160.24
01 22 23 00-1097	MO	8" Tee For HDPE Pipe, Quick Connect	487.01
01 22 23 00-1098	DAY	10" Tee For HDPE Pipe, Quick Connect	75.41
01 22 23 00-1099	WK	10" Tee For HDPE Pipe, Quick Connect	191.66
01 22 23 00-1100	MO	10" Tee For HDPE Pipe, Quick Connect	581.27
01 22 23 00-1101	DAY	12" Tee For HDPE Pipe, Quick Connect	75.41
01 22 23 00-1102	WK	12" Tee For HDPE Pipe, Quick Connect	191.66
01 22 23 00-1103	MO	12" Tee For HDPE Pipe, Quick Connect	581.27
01 22 23 00-1104	DAY	4" Cap For HDPE Pipe, Quick Connect	6.28
01 22 23 00-1105	WK	4" Cap For HDPE Pipe, Quick Connect	18.85
01 22 23 00-1106	MO	4" Cap For HDPE Pipe, Quick Connect	56.56
01 22 23 00-1107	DAY	6" Cap For HDPE Pipe, Quick Connect	6.28

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 22 23 00-1108	WK		6" Cap For HDPE Pipe, Quick Connect.....	18.85	
01 22 23 00-1109	MO		6" Cap For HDPE Pipe, Quick Connect.....	56.56	
01 22 23 00-1110	DAY		8" Cap For HDPE Pipe, Quick Connect.....	6.28	
01 22 23 00-1111	WK		8" Cap For HDPE Pipe, Quick Connect.....	18.85	
01 22 23 00-1112	MO		8" Cap For HDPE Pipe, Quick Connect.....	56.56	
01 22 23 00-1113	DAY		10" Cap For HDPE Pipe, Quick Connect.....	6.28	
01 22 23 00-1114	WK		10" Cap For HDPE Pipe, Quick Connect.....	18.85	
01 22 23 00-1115	MO		10" Cap For HDPE Pipe, Quick Connect.....	56.56	
01 22 23 00-1116	DAY		12" Cap For HDPE Pipe, Quick Connect.....	6.28	
01 22 23 00-1117	WK		12" Cap For HDPE Pipe, Quick Connect.....	18.85	
01 22 23 00-1118	MO		12" Cap For HDPE Pipe, Quick Connect.....	56.56	
01 22 23 00-1119	DAY		4" Wye For HDPE Pipe, Quick Connect.....	18.85	
01 22 23 00-1120	WK		4" Wye For HDPE Pipe, Quick Connect.....	47.13	
01 22 23 00-1121	MO		4" Wye For HDPE Pipe, Quick Connect.....	144.53	
01 22 23 00-1122	DAY		6" Wye For HDPE Pipe, Quick Connect.....	21.99	
01 22 23 00-1123	WK		6" Wye For HDPE Pipe, Quick Connect.....	56.56	
01 22 23 00-1124	MO		6" Wye For HDPE Pipe, Quick Connect.....	172.81	
01 22 23 00-1125	DAY		8" Wye For HDPE Pipe, Quick Connect.....	37.70	
01 22 23 00-1126	WK		8" Wye For HDPE Pipe, Quick Connect.....	97.40	
01 22 23 00-1127	MO		8" Wye For HDPE Pipe, Quick Connect.....	289.06	
01 22 23 00-1128	DAY		10" Wye For HDPE Pipe, Quick Connect.....	56.56	
01 22 23 00-1129	WK		10" Wye For HDPE Pipe, Quick Connect.....	144.53	
01 22 23 00-1130	MO		10" Wye For HDPE Pipe, Quick Connect.....	439.88	
01 22 23 00-1131	DAY		12" Wye For HDPE Pipe, Quick Connect.....	56.56	
01 22 23 00-1132	WK		12" Wye For HDPE Pipe, Quick Connect.....	144.53	
01 22 23 00-1133	MO		12" Wye For HDPE Pipe, Quick Connect.....	439.88	

01 22 23 00-1134 Temporary Building Services (01 22 23)

01 22 23 00-1135 Boilers (01 22 23 00-1134)
Note: Excludes operator, delivery, set-up, and removal.

01 22 23 00-1136 Electric Boilers (01 22 23 00-1135)

01 22 23 00-1137	MO		40 MBH, 12 KW Electric Boiler Rental.....	2,596.99	
01 22 23 00-1138	MO		60 MBH, 20 KW Electric Boiler Rental.....	2,833.12	
01 22 23 00-1139	MO		95 MBH, 30 KW Electric Boiler Rental.....	2,951.18	
01 22 23 00-1140	MO		135 MBH, 40 KW Electric Boiler Rental.....	3,305.26	
01 22 23 00-1141	MO		165 MBH, 50 KW Electric Boiler Rental.....	4,603.76	
01 22 23 00-1142	MO		215 MBH, 60 KW Electric Boiler Rental.....	5,312.05	
01 22 23 00-1143	MO		365 MBH, 100 KW Electric Boiler Rental.....	6,964.74	
01 22 23 00-1144	MO		510 MBH, 150 KW Electric Boiler Rental.....	8,499.35	

01 22 23 00-1145 Oil/Gas Fired Boilers (01 22 23 00-1135)

01 22 23 00-1146	MO		Up To 100 HP, Gas/Oil Dual Fuel Boiler Rental.....	2,479.00	
			<i>For >3 Months Rental, Deduct</i>	-371.85	
01 22 23 00-1147	MO		>100 HP To 250 HP, Gas/Oil Dual Fuel Boiler Rental.....	3,222.70	
			<i>For >3 Months Rental, Deduct</i>	-483.41	
01 22 23 00-1148	MO		>250 HP To 500 HP, Gas/Oil Dual Fuel Boiler Rental.....	5,205.90	
			<i>For >3 Months Rental, Deduct</i>	-780.89	
01 22 23 00-1149	MO		>500 HP To 800 HP, Gas/Oil Dual Fuel Boiler Rental.....	7,189.10	
			<i>For >3 Months Rental, Deduct</i>	-1,078.37	

01 22 23 00-1150 Oil Fired Boilers (01 22 23 00-1135)

01 22 23 00-1151	MO		250 HP Oil Fired Boiler Rental.....	7,293.67	
01 22 23 00-1152	MO		350 HP Oil Fired Boiler Rental.....	9,724.90	
01 22 23 00-1153	MO		500 HP Oil Fired Boiler Rental.....	12,156.12	
01 22 23 00-1154	MO		600 HP Oil Fired Boiler Rental.....	13,371.73	

01 22 23 00-1155 Boilers Setup (01 22 23 00-1135)

01 22 23 00-1156	EA		Setup Rental Boiler.....	7,480.04	
			Note: Includes delivery, setup, installation, startup, commissioning, decommissioning, and pickup. Excludes piping and electrical hookup. Excludes crane.		

01 22 23 00-1157 Chillers (01 22 23 00-1134)
Note: Excludes operator, delivery, set-up, and removal.

01 22 23 00-1158 Air Cooled Chillers (01 22 23 00-1157)

01 22 23 00-1159	MO		25 Ton Air Cooled Chiller Rental.....	2,494.67	
			<i>For >3 To 6 Month Rental, Deduct</i>	-374.20	
			<i>For >6 Month Rental, Deduct</i>	-623.67	
01 22 23 00-1160	MO		40 Ton Air Cooled Chiller Rental.....	3,991.48	
			<i>For >3 To 6 Month Rental, Deduct</i>	-598.72	
			<i>For >6 Month Rental, Deduct</i>	-997.87	
01 22 23 00-1161	MO		60 Ton Air Cooled Chiller Rental.....	4,882.03	
			<i>For >3 To 6 Month Rental, Deduct</i>	-732.30	
			<i>For >6 Month Rental, Deduct</i>	-1,220.51	
01 22 23 00-1162	MO		80 Ton Air Cooled Chiller Rental.....	5,772.58	
			<i>For >3 To 6 Month Rental, Deduct</i>	-865.89	
			<i>For >6 Month Rental, Deduct</i>	-1,443.15	
01 22 23 00-1163	MO		100 Ton Air Cooled Chiller Rental.....	6,663.13	
			<i>For >3 To 6 Month Rental, Deduct</i>	-999.47	
			<i>For >6 Month Rental, Deduct</i>	-1,665.78	

01 General Requirements
01 20 Price and Payment Procedures
01 22 Unit Prices

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 22 23 00-1164	MO	125 Ton Air Cooled Chiller Rental	7,719.37	
		<i>For >3 To 6 Month Rental, Deduct</i>	-1,157.91	
		<i>For >6 Month Rental, Deduct</i>	-1,929.84	
01 22 23 00-1165	MO	155 Ton Air Cooled Chiller Rental	9,338.54	
		<i>For >3 To 6 Month Rental, Deduct</i>	-1,400.78	
		<i>For >6 Month Rental, Deduct</i>	-2,334.64	
01 22 23 00-1166	MO	170 Ton Air Cooled Chiller Rental	9,986.22	
		<i>For >3 To 6 Month Rental, Deduct</i>	-1,497.93	
		<i>For >6 Month Rental, Deduct</i>	-2,496.56	
01 22 23 00-1167	MO	200 Ton Air Cooled Chiller Rental	11,471.73	
		<i>For >3 To 6 Month Rental, Deduct</i>	-1,720.76	
		<i>For >6 Month Rental, Deduct</i>	-2,867.93	
01 22 23 00-1168	MO	250 Ton Air Cooled Chiller Rental	13,650.10	
		<i>For >3 To 6 Month Rental, Deduct</i>	-2,047.52	
		<i>For >6 Month Rental, Deduct</i>	-3,412.53	
01 22 23 00-1169	MO	300 Ton Air Cooled Chiller Rental	15,928.25	
		Note: Includes trailer.		
		<i>For >3 To 6 Month Rental, Deduct</i>	-2,389.24	
		<i>For >6 Month Rental, Deduct</i>	-3,982.06	
01 22 23 00-1170	MO	400 Ton Air Cooled Chiller Rental	21,011.74	
		Note: Includes trailer, pump and 200' of 6" hose.		
		<i>For >3 To 6 Month Rental, Deduct</i>	-3,151.76	
		<i>For >6 Month Rental, Deduct</i>	-5,252.94	
01 22 23 00-1171	MO	500 Ton Air Cooled Chiller Rental	26,008.61	
		Note: Includes trailer, pump and 200' of 6" hose.		
		<i>For >3 To 6 Month Rental, Deduct</i>	-3,901.29	
		<i>For >6 Month Rental, Deduct</i>	-6,502.15	
01 22 23 00-1172	EA	Setup Air Cooled Chiller Rental Unit	5,199.54	
		Note: Includes delivery, setup, installation, refrigerant charge, startup, commissioning, decommissioning, recovery of refrigerant and pickup. Excludes piping and electrical hookup. Excludes crane if off-loaded.		

01 22 23 00-1173 Chiller Rental Accessories (01 22 23 00-1157)

01 22 23 00-1174	MO	4" x 25' Flexible Water Hose For Chiller Rental	44.45	
01 22 23 00-1175	MO	6" x 25' Flexible Water Hose For Chiller Rental	55.56	

01 22 23 00-1176 Emergency Cooler/Freezer (01 22 23 00-1134)

Note: Excludes utility connection, delivery, set-up, and removal. Cooler 115 Volt or 230 Volt, freezer 208/230 Volt, combo 115 Volt or 230 Volt.

01 22 23 00-1177	DAY	8 x 6 x 7 Emergency Cooler Rental	79.06	
01 22 23 00-1178	WK	8 x 6 x 7 Emergency Cooler Rental	421.64	
01 22 23 00-1179	DAY	10 x 7 x 7 Emergency Cooler Rental	158.12	
01 22 23 00-1180	WK	10 x 7 x 7 Emergency Cooler Rental	632.46	
01 22 23 00-1181	MO	10 x 7 x 7 Emergency Cooler Rental	1,581.15	
01 22 23 00-1182	DAY	10 x 7 x 7 Emergency Freezer Rental	184.47	
01 22 23 00-1183	WK	10 x 7 x 7 Emergency Freezer Rental	737.87	
01 22 23 00-1184	MO	10 x 7 x 7 Emergency Freezer Rental	1,897.38	
01 22 23 00-1185	DAY	6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental	210.82	
01 22 23 00-1186	WK	6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental	843.28	
01 22 23 00-1187	MO	6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental	2,108.20	

01 22 23 00-1188 Fuel Oil Tank (01 22 23 00-1134)

Note: Includes delivery to job site, connection to existing system and pick-up when complete. Excludes Off-road fuel costs. See CSI section 01 22 23 00-0712 for reimbursable fuel fees.

01 22 23 00-1189	MO	100 Gallon Portable Double Wall Fuel Oil Tank Rental	374.46	
01 22 23 00-1190	MO	275 Gallon Portable Double Wall Fuel Oil Tank Rental	582.50	
01 22 23 00-1191	MO	500 Gallon Portable Double Wall Fuel Oil Tank Rental	1,456.24	
01 22 23 00-1192	MO	1,000 Gallon Portable Double Wall Fuel Oil Tank Rental	2,427.08	
01 22 23 00-1193	MO	2,300 Gallon Portable Double Wall Fuel Oil Tank Rental	3,203.74	
01 22 23 00-1194	MO	5,000 Gallon Portable Double Wall Fuel Oil Tank Rental	5,723.27	

01 22 23 00-1195 Portable Spot Cooling Units (01 22 23 00-1134)

Note: Includes delivery to job site, up to 20' duct connection to existing system/exhaust and pick-up when complete. Excludes operator.

01 22 23 00-1196	DAY	1 Ton Portable Spot Cooling Unit	180.59	
01 22 23 00-1197	WK	1 Ton Portable Spot Cooling Unit	391.27	
01 22 23 00-1198	MO	1 Ton Portable Spot Cooling Unit	924.92	
01 22 23 00-1199	DAY	1.5 Ton Portable Spot Cooling Unit	236.15	
01 22 23 00-1200	WK	1.5 Ton Portable Spot Cooling Unit	485.03	
01 22 23 00-1201	MO	1.5 Ton Portable Spot Cooling Unit	1,137.92	
01 22 23 00-1202	DAY	2 Ton Portable Spot Cooling Unit	318.34	
01 22 23 00-1203	WK	2 Ton Portable Spot Cooling Unit	665.62	
01 22 23 00-1204	MO	2 Ton Portable Spot Cooling Unit	1,232.84	
01 22 23 00-1205	DAY	3 Ton Portable Spot Cooling Unit	333.39	
01 22 23 00-1206	WK	3 Ton Portable Spot Cooling Unit	706.14	
01 22 23 00-1207	MO	3 Ton Portable Spot Cooling Unit	1,560.44	
01 22 23 00-1208	DAY	5 Ton Portable Spot Cooling Unit	520.92	
01 22 23 00-1209	WK	5 Ton Portable Spot Cooling Unit	1,053.42	
01 22 23 00-1210	MO	5 Ton Portable Spot Cooling Unit	2,189.02	
01 22 23 00-1211	DAY	10 To 12 Ton Portable Spot Cooling Unit	680.67	
01 22 23 00-1212	WK	10 To 12 Ton Portable Spot Cooling Unit	1,533.82	
01 22 23 00-1213	MO	10 To 12 Ton Portable Spot Cooling Unit	3,702.00	
01 22 23 00-1214	DAY	20 Ton Portable Spot Cooling Unit	781.38	
01 22 23 00-1215	WK	20 Ton Portable Spot Cooling Unit	1,794.28	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 22 23 00-1216	MO		20 Ton Portable Spot Cooling Unit	5,000.83	
01 22 23 00-1217	DAY		25 Ton Portable Spot Cooling Unit	1,111.30	
01 22 23 00-1218	WK		25 Ton Portable Spot Cooling Unit	2,251.53	
01 22 23 00-1219	MO		25 Ton Portable Spot Cooling Unit	5,238.14	

01 22 23 00-1220 Truck And Trailer Equipment (01 22 23)

01 22 23 00-1221 Trucks (01 22 23 00-1220)

Note: Includes driver, delivery, and removal.

01 22 23 00-1222 Flat Bed Trucks (01 22 23 00-1221)

Note: Includes hydraulic tilt bed.

01 22 23 00-1223	DAY		1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	942.73	
			<i>For Equipment Without Operator, Deduct</i>	-685.10	
01 22 23 00-1224	WK		1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	4,100.93	
			<i>For Equipment Without Operator, Deduct</i>	-3,425.52	
01 22 23 00-1225	MO		1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	16,549.84	
			<i>For Equipment Without Operator, Deduct</i>	-14,843.90	
01 22 23 00-1226	DAY		3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	1,054.14	
			<i>For Equipment Without Operator, Deduct</i>	-685.10	
01 22 23 00-1227	WK		3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	4,386.41	
			<i>For Equipment Without Operator, Deduct</i>	-3,425.52	
01 22 23 00-1228	MO		3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	17,280.95	
			<i>For Equipment Without Operator, Deduct</i>	-14,843.90	
01 22 23 00-1229	DAY		6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	1,134.07	
			<i>For Equipment Without Operator, Deduct</i>	-685.10	
01 22 23 00-1230	WK		6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	4,691.95	
			<i>For Equipment Without Operator, Deduct</i>	-3,425.52	
01 22 23 00-1231	MO		6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	18,443.77	
			<i>For Equipment Without Operator, Deduct</i>	-14,843.90	

01 22 23 00-1232 Boom Trucks (01 22 23 00-1221)

01 22 23 00-1233	DAY		3-1/2 Ton, 4 x 2 Boom Truck With Full-Time Truck Driver	1,164.85	
			<i>For Equipment Without Operator, Deduct</i>	-685.10	
			<i>For High Rail Equipment, Add</i>	167.91	
01 22 23 00-1234	WK		3-1/2 Ton, 4 x 2 Boom Truck With Full-Time Truck Driver	4,674.68	
			<i>For Equipment Without Operator, Deduct</i>	-3,425.52	
			<i>For High Rail Equipment, Add</i>	437.21	
01 22 23 00-1235	MO		3-1/2 Ton, 4 x 2 Boom Truck With Full-Time Truck Driver	18,012.06	
			<i>For Equipment Without Operator, Deduct</i>	-14,843.90	
			<i>For High Rail Equipment, Add</i>	1,108.86	

01 22 23 00-1236 Light Off-Road Utility Passenger Vehicles (01 22 23 00-1221)

01 22 23 00-1237	DAY		4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle	288.08	
01 22 23 00-1238	WK		4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle	666.18	
01 22 23 00-1239	MO		4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle	1,440.40	
01 22 23 00-1240	DAY		4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle	297.08	
01 22 23 00-1241	WK		4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle	693.19	
01 22 23 00-1242	MO		4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle	1,530.42	

01 22 23 00-1243 Light Duty Trucks (01 22 23 00-1221)

01 22 23 00-1244	DAY		1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver	906.04	
			<i>For Equipment Without Operator, Deduct</i>	-678.23	
01 22 23 00-1245	WK		1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver	4,138.65	
			<i>For Equipment Without Operator, Deduct</i>	-3,391.15	
01 22 23 00-1246	MO		1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver	16,261.16	
			<i>For Equipment Without Operator, Deduct</i>	-14,694.98	
01 22 23 00-1247	DAY		3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver	948.75	
			<i>For Equipment Without Operator, Deduct</i>	-678.23	
01 22 23 00-1248	WK		3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver	4,266.79	
			<i>For Equipment Without Operator, Deduct</i>	-3,391.15	
01 22 23 00-1249	MO		3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver	16,545.92	
			<i>For Equipment Without Operator, Deduct</i>	-14,694.98	

01 22 23 00-1250 Rear Dump Trucks (01 22 23 00-1221)

01 22 23 00-1251	DAY		2.5 CY Rear Dump Truck With Full-Time Truck Driver	1,028.81	
			<i>For Equipment Without Operator, Deduct</i>	-685.10	
01 22 23 00-1252	WK		2.5 CY Rear Dump Truck With Full-Time Truck Driver	4,333.37	
			<i>For Equipment Without Operator, Deduct</i>	-3,425.52	
01 22 23 00-1253	MO		2.5 CY Rear Dump Truck With Full-Time Truck Driver	17,623.48	
			<i>For Equipment Without Operator, Deduct</i>	-14,843.90	
01 22 23 00-1254	DAY		4 CY Rear Dump Truck With Full-Time Truck Driver	1,142.76	
			<i>For Equipment Without Operator, Deduct</i>	-685.10	
01 22 23 00-1255	WK		4 CY Rear Dump Truck With Full-Time Truck Driver	4,686.42	
			<i>For Equipment Without Operator, Deduct</i>	-3,425.52	
01 22 23 00-1256	MO		4 CY Rear Dump Truck With Full-Time Truck Driver	18,112.90	
			<i>For Equipment Without Operator, Deduct</i>	-14,843.90	
01 22 23 00-1257	DAY		6 CY Rear Dump Truck With Full-Time Truck Driver	1,208.14	
			<i>For Equipment Without Operator, Deduct</i>	-685.10	
01 22 23 00-1258	WK		6 CY Rear Dump Truck With Full-Time Truck Driver	4,826.52	
			<i>For Equipment Without Operator, Deduct</i>	-3,425.52	
01 22 23 00-1259	MO		6 CY Rear Dump Truck With Full-Time Truck Driver	18,206.30	
			<i>For Equipment Without Operator, Deduct</i>	-14,843.90	

01 General Requirements
01 20 Price and Payment Procedures
01 22 Unit Prices

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 22 23 00-1260	DAY	13 CY Rear Dump Truck With Full-Time Truck Driver	1,983.36	
		<i>For Equipment Without Operator, Deduct</i>	-685.10	
01 22 23 00-1261	WK	13 CY Rear Dump Truck With Full-Time Truck Driver	6,423.66	
		<i>For Equipment Without Operator, Deduct</i>	-3,425.52	
01 22 23 00-1262	MO	13 CY Rear Dump Truck With Full-Time Truck Driver	22,689.50	
		<i>For Equipment Without Operator, Deduct</i>	-14,843.90	
01 22 23 00-1263	DAY	18 CY Rear Dump Truck With Full-Time Truck Driver	2,113.19	
		<i>For Equipment Without Operator, Deduct</i>	-685.10	
01 22 23 00-1264	WK	18 CY Rear Dump Truck With Full-Time Truck Driver	6,723.47	
		<i>For Equipment Without Operator, Deduct</i>	-3,425.52	
01 22 23 00-1265	MO	18 CY Rear Dump Truck With Full-Time Truck Driver	23,474.06	
		<i>For Equipment Without Operator, Deduct</i>	-14,843.90	

01 22 23 00-1266 Vacuum Trucks (01 22 23 00-1221)

01 22 23 00-1267	DAY	5,000 Gallon Vacuum Truck With Full-Time Truck Driver	1,974.02	
		<i>For Equipment Without Operator, Deduct</i>	-685.10	
01 22 23 00-1268	WK	5,000 Gallon Vacuum Truck With Full-Time Truck Driver	7,307.22	
		<i>For Equipment Without Operator, Deduct</i>	-3,425.52	
01 22 23 00-1269	MO	5,000 Gallon Vacuum Truck With Full-Time Truck Driver	26,298.48	
		<i>For Equipment Without Operator, Deduct</i>	-14,843.90	

01 22 23 00-1270 Water Trucks (01 22 23 00-1221)

Note: Includes pump and 1-1/2" Diameter x 50' water hose. See CSI section 01 22 23 00-1024 for additional discharge hose, 01 22 23 00-1282 for water trailer, 31 23 23 23-0001 for compaction water as required for earth/aggregate backfill.

01 22 23 00-1271	DAY	2,000 Gallon Water Truck With Full-Time Driver	1,466.88	
		<i>For Equipment Without Operator, Deduct</i>	-685.10	
		<i>For Each 1,000 Gallon Of Purchased Water, Add</i>	13.91	
01 22 23 00-1272	WK	2,000 Gallon Water Truck With Full-Time Driver	5,484.22	
		<i>For Equipment Without Operator, Deduct</i>	-3,425.52	
		<i>For Each 1,000 Gallon Of Purchased Water, Add</i>	13.91	
01 22 23 00-1273	MO	2,000 Gallon Water Truck With Full-Time Driver	19,708.34	
		<i>For Equipment Without Operator, Deduct</i>	-14,843.90	
		<i>For Each 1,000 Gallon Of Purchased Water, Add</i>	13.91	
01 22 23 00-1274	DAY	3,700 To 4,000 Gallon Water Truck With Full-Time Driver	1,849.09	
		<i>For Equipment Without Operator, Deduct</i>	-685.10	
		<i>For Each 1,000 Gallon Of Purchased Water, Add</i>	13.91	
01 22 23 00-1275	WK	3,700 To 4,000 Gallon Water Truck With Full-Time Driver	6,630.84	
		<i>For Equipment Without Operator, Deduct</i>	-3,425.52	
		<i>For Each 1,000 Gallon Of Purchased Water, Add</i>	13.91	
01 22 23 00-1276	MO	3,700 To 4,000 Gallon Water Truck With Full-Time Driver	22,661.75	
		<i>For Equipment Without Operator, Deduct</i>	-14,843.90	
		<i>For Each 1,000 Gallon Of Purchased Water, Add</i>	13.91	

01 22 23 00-1277 Traffic Control Truck With Mounted Impact Attenuators/Crash Cushions And Arrow Board (01 22 23 00-1221)

01 22 23 00-1278	DAY	Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver	1,389.77	
		<i>For Equipment Without Operator, Deduct</i>	-678.23	
01 22 23 00-1279	WK	Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver	5,491.09	
		<i>For Equipment Without Operator, Deduct</i>	-3,391.15	
01 22 23 00-1280	MO	Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver	19,794.61	
		<i>For Equipment Without Operator, Deduct</i>	-14,694.98	

01 22 23 00-1281 Trailers (01 22 23 00-1220)

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-1282 Water Trailers With Pump (01 22 23 00-1281)

01 22 23 00-1283	DAY	500 To 600 Gallon Water Trailer With Pump	199.79	
01 22 23 00-1284	WK	500 To 600 Gallon Water Trailer With Pump	512.50	
01 22 23 00-1285	MO	500 To 600 Gallon Water Trailer With Pump	1,372.47	

01 30 Administrative Requirements (01)

01 35 Special Procedures (01 30)

01 35 29 Health, Safety, and Emergency Response Procedures (01 35)

See CSI section 02 90 00 00-0000 for disaster recovery task.

01 35 29 00-0001 Emergency Response (01 35 29)

See CSI section 01 22 20 00-0001 for labor services to load and unload shipping container, 01 22 20 00-0045 for security guards, 01 22 23 00-0000 for portable equipment usage (air compressors, generators, lighting, etc.), 01 52 13 00-0015 for container usage.

01 35 29 00-0002	MI	Trucking Delivery Of 20' Shipping Container	2.51	
01 35 29 00-0003	MI	Trucking Delivery Of 40' Shipping Container	5.02	

01 35 33 Infection Control Procedures (01 35)

See CSI section 02 87 19 00-0000 for Bio-Hazard And Infectious Disease Control Remediation.

01 35 33 00-0001 Infection Prevention Inspection Reports (01 35 33)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 35 33 00-0002	HR		Infection Prevention Inspection Reports	105.00	
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01 40 Quality Requirements (01)

01 45 Quality Control (01 40)

01 45 23 Testing and Inspecting Services (01 45)

Note: For application to existing materials/site conditions only. Includes acquisition and maintenance of sample (for laboratory tests) to include shipping as required, applicable equipment for field tests, and appropriate test reports.

01 45 23 00-0001 Concrete/Cement/Asphalt Testing (01 45 23)

01 45 23 00-0002 Concrete Testing (01 45 23 00-0001)

01 45 23 00-0003	EA	Concrete Cores Compression Test, ASTM C-42	138.63
01 45 23 00-0004	EA	Prepare 6 x 12 Concrete Cylinder And Deliver To Lab	23.11
01 45 23 00-0005	EA	6 x 12 Cylinder Concrete Compression Test, ASTM C-39 Or ASTM D1633	67.77
01 45 23 00-0006	EA	6 x 6 x 18 Concrete Flexural Test, ASTM C-78	202.61
01 45 23 00-0007	EA	Unit Weight Of Concrete Cylinder, ASTM C-567	74.64
01 45 23 00-0008	EA	Concrete Mix Design Review	405.21
01 45 23 00-0009	EA	Trial Concrete Batch Prepared In Laboratory	959.72
01 45 23 00-0010	EA	Concrete Shrinkage, ASTM C-157 Modified	746.44
01 45 23 00-0011	EA	6 x 12 Concrete Cylinder Splitting Tensile Test, ASTM C-496	115.17
01 45 23 00-0012	EA	Concrete Slump Test, ASTM C143	53.32
01 45 23 00-0013	EA	Concrete Air Content Test, ASTM C138, ASTM C173, Or ASTM C231	53.32

01 45 23 00-0014 Cement Testing (01 45 23 00-0001)

01 45 23 00-0015	EA	Cement Grab Sample (CCR Title 24)	53.32
Note: Includes sealing and storing 1 year.			
01 45 23 00-0016	EA	2" x 2" x 2" Cube Compression Test, All Type Materials	85.31

01 45 23 00-0017 Asphaltic Concrete Testing (01 45 23 00-0001)

01 45 23 00-0018	EA	Hveem Asphaltic Concrete Stability Test, CA 366	106.64
01 45 23 00-0019	EA	Marshall Asphaltic Concrete Stability Test (3 Specimens), ASTM D-6926/6927	277.25
01 45 23 00-0020	EA	Stability Tests, Premixed, ASTM D1559	106.64
01 45 23 00-0021	EA	Stability Tests, Lab. Mixed, ASTM D1559	277.25
01 45 23 00-0022	EA	Swell Test, CA 305	127.96
Note: Includes compaction.			
01 45 23 00-0023	EA	% Asphalt Extraction Test, ASTM D-2172 B	319.90
01 45 23 00-0024	EA	Maximum Theoretical Unit Weight, ASTM C2041	203.31
01 45 23 00-0025	EA	Unit Weight Sample Requiring Compaction, California Test Method 308	42.65
01 45 23 00-0026	EA	Asphalt Unit Weight On Core Test, CA 308C	42.65
01 45 23 00-0027	HR	Nuclear Field Density Testing, 4 Hour Minimum	219.67
01 45 23 00-0028	EA	Asphalt Film Stripping Test, CTM 302/AASHTO T182/ASTM D1664	143.91
01 45 23 00-0029	EA	Penetration, ASTM D5	154.04

01 45 23 00-0030 Metals Testing (01 45 23)

01 45 23 00-0031 Tank Tightness Testing (01 45 23 00-0030)

01 45 23 00-0032	GAL	Up To 20 Gallon, Hydrostatic Pressure Testing Of Air Receiving Tanks	8.13
01 45 23 00-0033	GAL	>20 To 120 Gallon, Hydrostatic Pressure Testing Of Air Receiving Tanks	6.97
01 45 23 00-0034	EA	Up To 12,000 Gallons, Tank Volumetric Tightness Testing	2,090.64
01 45 23 00-0035	EA	>12,000 To 29,999 Gallons, Tank Volumetric Tightness Testing	2,554.40
01 45 23 00-0036	EA	>29,999 Gallons, Tank Volumetric Tightness Testing	3,253.14

01 45 23 00-0037 Tank Line Tightness Testing (01 45 23 00-0030)

01 45 23 00-0038	EA	Up To 12,000 Gallons, Tank Line Volumetric Tightness Testing	441.14
01 45 23 00-0039	EA	>12,000 To 29,999 Gallons, Tank Line Volumetric Tightness Testing	489.84
01 45 23 00-0040	EA	>29,999 Gallons, Tank Line Volumetric Tightness Testing	538.36

01 45 23 00-0041 Other Testing (01 45 23)

01 45 23 00-0042 Special Testing (01 45 23 00-0041)

01 45 23 00-0043	EA	Asphalt Roofing Cut-out Samples, To Determine Unit Weight	165.31
01 45 23 00-0044	EA	Complete Built-Up Roof Analysis, ASTM D2829 Or ASTM D3617	991.86
01 45 23 00-0045	EA	Bacteria Test (Total Coliform Bacteria And E. Coli Bacteria)	49.84
01 45 23 00-0046	EA	Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Caulk, Analysis Per Sample	206.72
01 45 23 00-0047	EA	Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Soil, Analysis Per Sample	206.72
01 45 23 00-0048	EA	Testing For The Presence Of Polychlorinated Biphenyl (PCB) Using Wipe Sampling, Analysis Per Sample	206.72
01 45 23 00-0049	EA	Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Air, Analysis Per Sample	1,136.96
01 45 23 00-0050	EA	Testing And Certification Of Backflow Valves	536.53

01 45 23 00-0051 Nondestructive Field Testing Services (01 45 23 00-0041)

01 45 23 00-0052 Infrared Thermography (01 45 23 00-0051)

Note: The following tasks use certified infrared (IR) thermographers, such as Stockton Infrared Thermographic Services, Inc. and United Infrared, Inc., to scan for specific problems and produce a report on the findings. The contractor is entitled to the mobilization charge and the appropriate square foot or hourly task.

01 General Requirements**01 40 Quality Requirements****01 45 Quality Control**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

01 45 23 00-0053	Roof Investigation And Moisture Survey Using Infrared Thermography (01 45 23 00-0052) Note: For on the roof surveys.		
01 45 23 00-0054	EA Roof Investigation And Moisture Survey Using Infrared Thermography, Mobilization Charge	3,720.96	
01 45 23 00-0055	CSF Up To 10,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	6.20	
	For CADD Drawings, Add	1.24	
01 45 23 00-0056	CSF >10,000 To 50,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	4.13	
	For CADD Drawings, Add	0.83	
01 45 23 00-0057	CSF >50,000 To 250,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	3.10	
	For CADD Drawings, Add	0.62	
	For Elevated Infrared Thermography Roof Investigation, Add	0.78	
	For Aerial Infrared Thermography Roof Investigation, Add	0.78	
01 45 23 00-0058	CSF >250,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	2.07	
	For CADD Drawings, Add	0.41	
	For Elevated Infrared Thermography Roof Investigation, Add	0.52	
	For Aerial Infrared Thermography Roof Investigation, Add	0.52	
01 45 23 00-0059	Building Moisture Investigation Using Infrared Thermography (01 45 23 00-0052) Note: For finding moisture in walls and windows.		
01 45 23 00-0060	EA Building Moisture Investigation Using Infrared Thermography, Mobilization Charge	1,963.84	
01 45 23 00-0061	CSF Up To 1,000 SF, Building Moisture Investigation Using Infrared Thermography	6.20	
	For Digital Or Analog Recording Of All Items, Add	3.10	
01 45 23 00-0062	CSF >1,000 To 5,000 SF, Building Moisture Investigation Using Infrared Thermography	4.13	
	For Digital Or Analog Recording Of All Items, Add	2.07	
01 45 23 00-0063	CSF >5,000 SF, Building Moisture Investigation Using Infrared Thermography	2.07	
	For Digital Or Analog Recording Of All Items, Add	1.04	
01 45 23 00-0064	General Building Investigation Using Infrared Thermography (01 45 23 00-0052) Note: For finding missing or misplaced insulation, air leakage and delamination.		
01 45 23 00-0065	EA General Building Investigation Using Infrared Thermography, Mobilization Charge	4,031.04	
01 45 23 00-0066	CSF Up To 1,000 SF, General Building Investigation Using Infrared Thermography	6.20	
	For Digital Or Analog Recording Of All Items, Add	3.10	
01 45 23 00-0067	CSF >1,000 To 5,000 SF, General Building Investigation Using Infrared Thermography	4.13	
	For Digital Or Analog Recording Of All Items, Add	2.07	
01 45 23 00-0068	CSF >5,000 SF, General Building Investigation Using Infrared Thermography	2.07	
	For Digital Or Analog Recording Of All Items, Add	1.04	
01 45 23 00-0069	Electrical /Mechanical Equipment Scanning Using Infrared Thermography (01 45 23 00-0052) Note: For diagnosing electrical issues such as loose connections, overloaded or imbalanced circuits, faulty breakers, damaged switches, faulty fuses, etc. For diagnosing electrical issues caused by resistance and mechanical issues caused by friction.		
01 45 23 00-0070	EA Electrical /Mechanical Equipment Scanning Using Infrared Thermography, Mobilization Charge	1,963.84	
01 45 23 00-0071	HR Electrical /Mechanical Equipment Scanning Using Infrared Thermography	203.39	
	For Digital Or Analog Recording Of All Items, Add	30.44	
01 45 23 00-0072	Concrete Block Wall Investigation Using Infrared Thermography (01 45 23 00-0052) Note: For investigating issues with grouted cells, bond beams and other structural components in concrete block walls.		
01 45 23 00-0073	EA Concrete Block Wall Investigation Using Infrared Thermography, Mobilization Charge	1,963.84	
01 45 23 00-0074	CSF Up To 50,000 SF, Concrete Block Wall Investigation Using Infrared Thermography	6.20	
	For Digital Or Analog Recording Of All Items, Add	0.93	
01 45 23 00-0075	CSF >50,000 SF, Concrete Block Wall Investigation Using Infrared Thermography	4.13	
	For Digital Or Analog Recording Of All Items, Add	0.62	
01 45 23 00-0076	Other Nondestructive Field Testing Services (01 45 23 00-0051)		
01 45 23 00-0077	HR ASNT Certified Level I NDT Consultant	90.22	
01 45 23 00-0078	HR ASNT Certified Level II NDT Consultant	112.58	
01 45 23 00-0079	HR ASNT Certified Level III NDT Consultant	129.25	
01 45 23 00-0080	HR Certified Industrial Radiography Radiation Safety Personnel	111.95	
01 45 23 00-0081	Testing Professional Services (01 45 23 00-0041)		
01 45 23 00-0082	HR Concrete, Steel, Masonry, Expansion Anchor And Soils Inspection	198.34	
01 45 23 00-0083	HR Laboratory Technician	191.94	
01 45 23 00-0084	HR Portable Digital Reinforcement Scanner	277.25	
01 45 23 00-0085	HR Subsurface Detection Radar System	469.19	
01 45 23 00-0086	HR Pavement Rehabilitation Analysis Using Deflectors	533.18	
01 45 23 00-0087	Soils/Aggregate Testing (01 45 23)		
01 45 23 00-0088	Field Soils Tests (01 45 23 00-0087)		
01 45 23 00-0089	EA Plasticity Index Soils Test, ASTM D-4318, Field Soils Test	330.57	
01 45 23 00-0090	EA 4" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test	469.19	
01 45 23 00-0091	EA 6" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test	533.18	
01 45 23 00-0092	EA Resistance (R) Value Soils Test, CA 301, Field Soils Test	426.54	
01 45 23 00-0093	EA Soils Classification Test, ASTM D-2487, Field Soils Test	639.81	
01 45 23 00-0094	SET Cement Treated Base Laboratory Design, Soil Cement, Field Soils Test	1,279.18	
01 45 23 00-0095	EA Moisture Content, Field Soils Test	47.97	
01 45 23 00-0096	EA UBC Or Swell Test, Field Soils Test	168.05	
01 45 23 00-0097	EA Proctor Compaction 4" Standard Mold ASTM D698, Field Soils Test	319.80	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 45 23 00-0098	EA		Proctor Compaction 6" Standard Mold, Field Soils Test.....	399.74	
01 45 23 00-0099	EA		Density And Classification Test, Field Soils Test.....	127.92	
01 45 23 00-0100	EA		Percolation Test, Field Soils Test.....	319.80	
01 45 23 00-0101	EA		Infiltration Test, Field Soils Test.....	639.59	

01 45 23 00-0102 Aggregate Testing (01 45 23 00-0087)

01 45 23 00-0103	EA		Coarse Aggregate Sieve Analysis Test, ASTM C-136, CA 202.....	106.64	
01 45 23 00-0104	EA		Fine Aggregate Sieve Analysis Test, ASTM C-136, CA 202.....	191.94	
01 45 23 00-0105	EA		Combined Aggregate Sieve Analysis Test, ASTM C-136, CA 202.....	266.59	
01 45 23 00-0106	EA		Sieve Analysis, Pit Run, ASTM C136.....	207.87	
			Note: Includes wash.		
01 45 23 00-0107	EA		Specific Special Gravity, Course, ASTM C127.....	169.42	
			Note: Includes absorption test.		
01 45 23 00-0108	EA		Special Gravity, Fine, ASTM C127.....	151.90	
			Note: Includes absorption test.		
01 45 23 00-0109	EA		Coarse Aggregate Bulk SSD Specific Gravity Test, ASTM C-128.....	225.90	
01 45 23 00-0110	EA		Fine Aggregate Bulk SSD Specific Gravity Test, ASTM C-128.....	213.27	
01 45 23 00-0111	EA		Aggregate Cleaness Value, ASTM C-128, CA 227.....	213.27	
01 45 23 00-0112	EA		Sand Equivalent, Average of 3 Tests, ASTM D2419, CA 217.....	159.95	
01 45 23 00-0113	EA		Fine Aggregate Durability Index, CA 229.....	170.62	
01 45 23 00-0114	EA		Sodium And Magnesium Soundness, ASTM C88.....	447.71	
01 45 23 00-0115	EA		Los Angeles Rattler, ASTM C-131, CA 211.....	341.23	
01 45 23 00-0116	EA		Los Angeles Rattler, ASTM C-535.....	341.23	
01 45 23 00-0117	EA		Unit Weight Of Aggregates, ASTM C29.....	95.97	
01 45 23 00-0118	EA		Organic Impurities In Sand, ASTM C40.....	95.94	
01 45 23 00-0119	EA		Crushed Particle, ASTM California Test Method.....	95.94	
01 45 23 00-0120	EA		Clay Lump And Friable Particles, ASTM C142.....	191.88	

01 45 23 00-0121 Permeability Tests (01 45 23 00-0087)
01 45 23 00-0122 In-Place Tests (01 45 23 00-0121)

01 45 23 00-0123	EA		Double Ring Infiltrometer Test, ASTM D3385.....	1,694.25	
01 45 23 00-0124	EA		Unconfined Compressive Strength (Pocket Penetrometer) Test.....	79.95	

01 45 23 00-0125 Lab Tests (01 45 23 00-0121)

01 45 23 00-0126	EA		Falling Head Rigid Wall Consolidometer Technique CAE.....	790.65	
01 45 23 00-0127	EA		Falling Head Permeability Test EPA-9100.....	790.65	
01 45 23 00-0128	EA		Constant Head Permeability Test For Granular Soils, ASTM D2432.....	451.80	

01 45 23 00-0129 Masonry/Concrete Block/Tile Testing (01 45 23)
01 45 23 00-0130 Masonry Testing (01 45 23 00-0129)

01 45 23 00-0131	EA		2" x 4" Cylinder Mortar Compression Test.....	70.38	
01 45 23 00-0132	EA		4" x 4" x 8" Grout Prisms Compression Test.....	70.38	
01 45 23 00-0133	EA		Masonry Cores Compression Test.....	138.63	
01 45 23 00-0134	EA		Composite Groued Prism Compression Test.....	266.59	

01 45 23 00-0135 Concrete Block Testing (ASTM C140 Or CMA Per Specimen) (01 45 23 00-0129)

01 45 23 00-0136	EA		Up To 8" x 8" x 16" Concrete Block Compression Test, ASTM C-140.....	170.62	
01 45 23 00-0137	EA		Absorption Test, Moisture Content And Unit Weight.....	117.30	
01 45 23 00-0138	EA		First Unit, Moisture Condition By Relative Humidity, ASTM C427.....	447.71	
01 45 23 00-0139	EA		Moisture Condition By Relative Humidity, ASTM C427, Additional Unit.....	223.86	

01 45 29 Testing Laboratory Services (01 45)
01 45 29 00-0001 Soil Borings Laboratory Tests (01 45 29)

			See CSI section 02 32 13 00-0000 for soil borings.		
01 45 29 00-0002	EA		Atterberg Limits - Liquid Limits (LL) And Plastic Limits (PL), T89, T90, ASTM D4318, Soil Borings Laboratory Test.....	146.84	
01 45 29 00-0003	EA		Shrinkage Limit, Soil Borings Laboratory Test.....	46.85	
01 45 29 00-0004	EA		Unconfined Compressive Strength of Cohesive Soils, Soil Borings Laboratory Test.....	112.95	
01 45 29 00-0005	EA		Consolidation, Soil Borings Laboratory Test.....	790.65	
01 45 29 00-0006	EA		Swell Test, Soil Borings Laboratory Test.....	156.14	
01 45 29 00-0007	EA		In Place Density, Soil Borings Laboratory Test.....	33.88	
01 45 29 00-0008	EA		Moisture Content, ASTM D2216, Soil Borings Laboratory Test.....	21.05	
01 45 29 00-0009	EA		Hydrometer Analysis, Soil Borings Laboratory Test.....	271.78	
01 45 29 00-0010	EA		Specific Gravity, ASTM D854, Soil Borings Laboratory Test.....	94.76	
01 45 29 00-0011	EA		Partial Sieve Analysis, Soil Borings Laboratory Test.....	18.74	
01 45 29 00-0012	EA		Laboratory Permeability, Soil Borings Laboratory Test.....	936.94	
01 45 29 00-0013	EA		Sieve Analysis, ASTM D422, Soil Borings Laboratory Test.....	189.51	
01 45 29 00-0014	EA		Sulfate Soundness, Soil Borings Laboratory Test.....	234.23	
01 45 29 00-0015	EA		Los Angeles Abrasion, Soil Borings Laboratory Test.....	546.16	
01 45 29 00-0016	EA		Soil Bearing Ratio, ASTM D1883.....	479.86	
01 45 29 00-0017	EA		Compaction Test Subgrade, Soil Borings Laboratory Test.....	140.54	
01 45 29 00-0018	EA		Compaction Test Base Course, Soil Borings Laboratory Test.....	118.91	
01 45 29 00-0019	EA		In Place Density And Water Content Test By Nuclear Methods, ASTM D6938, Soil Borings Laboratory Test.....	462.13	
01 45 29 00-0020	EA		Field Density Sand Cone, AASHTO T-191, ASTM D1556, Soil Borings Laboratory Test.....	71.83	

01 50 Temporary Facilities and Controls (01)

01	General Requirements
01 50	Temporary Facilities and Controls
01 45	Quality Control

MINOR	CSI	UOM	DESCRIPTION
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TOTAL DIRECT	DEMOLITION
UNIT COST	UNIT COST

Note: Tasks in this section shall be used as directed by owner.

01 51 Temporary Utilities (01 50)

01 51 13 Temporary Electricity (01 51)

01 51 13 00-0001 Temporary Service Switch And/Or Building Feeder Switch (01 51 13)

Note: Includes all connections and removal after use.

01 51 13 00-0002	EA	Temporary 100 Amperes, NEMA 1 Or 3R, Disconnect Switch With Fuses	1,402.81
01 51 13 00-0003	EA	Temporary 200 Amperes, NEMA 1 Or 3R, Disconnect Switch With Fuses	2,182.33
01 51 13 00-0004	EA	Temporary 400 Amperes, 240 Volt, NEMA 3R, Disconnect Switch With Fuses	3,981.94
01 51 13 00-0005	EA	Temporary 600 Amperes, 240 Volt, NEMA 3R, Disconnect Switch With Fuses	6,483.96

01 51 13 00-0006 Temporary 120/208 Volt Main Lug Panelboard Complete With Branch

Fuses (01 51 13)

Note: Includes mounting on wall and removal after use.

01 51 13 00-0007	EA	Temporary 100 Amperes, Panelboard Complete With GFCI Circuit Breakers.....	1,430.86
01 51 13 00-0008	EA	Temporary 200 Amperes, Panelboard Complete With GFCI Circuit Breakers.....	2,021.22
01 51 13 00-0009	EA	Temporary 400 Amperes, Panelboard Complete With GFCI Circuit Breakers.....	3,156.14
01 51 13 00-0010	EA	Temporary 600 Amperes, Panelboard Complete With GFCI Circuit Breakers.....	4,522.51

01 51 13 00-0011 Temporary Conduit And Cable For Temporary Disconnect Switches And Temporary Panelboards (01 51 13)

Note: Includes all connections, fittings, supports and removal after use.

01 51 13 00-0012	LF	Temporary SER Cable (Conduit As Required) For Temporary Disconnect Switches And Temporary Panelboards	11.38
01 51 13 00-0013	LF	Temporary Branch Circuit Conduit And Wiring For Temporary Disconnect Switches And Temporary Panelboards	12.47

01 51 26 Temporary Lighting (01 51)

01 51 26 00-0001 Temporary Lighting Devices (01 51 26)

Note: Includes removal after use.

01 51 26 00-0002	EA	Temporary Exit Light.....	281.23
01 51 26 00-0003	EA	Temporary 10 Light String With Cages.....	101.41
01 51 26 00-0004	EA	Temporary High Bay Light	380.77

01 52 Construction Facilities (01 50)

Note: Tasks in this section shall be used as directed by owner for owner's use.

01 52 13 Field Offices and Sheds (01 52)

01 52 13 00-0001 Field Offices and Office Trailers (01 52 13)

Note: Excludes furniture, utility connections and service. Minimum 6 months rental.

01 52 13 00-0002	MO	8' x 24' Mobile Office, With Toilet.....	184.67
		<i>For Each Delivery And Removal, Two Round Trips, Add</i>	1,166.71
		<i>For Each Set-Up (Block And Level), Add</i>	430.60
		<i>For Each Anchoring Into Dirt, Add</i>	131.31
		<i>For Each Anchoring Into Asphalt Or Concrete, Add</i>	196.96
		<i>For Office Trailer Without Toilet, Deduct</i>	-36.93
01 52 13 00-0003	MO	8' x 32' Mobile Office, With Toilet.....	209.29
		<i>For Each Delivery And Removal, Two Round Trips, Add</i>	1,166.71
		<i>For Each Set-Up (Block And Level), Add</i>	430.60
		<i>For Each Anchoring Into Dirt, Add</i>	131.31
		<i>For Each Anchoring Into Asphalt Or Concrete, Add</i>	196.96
		<i>For Office Trailer Without Toilet, Deduct</i>	-41.86
01 52 13 00-0004	MO	10' x 36' Mobile Office, With Toilet.....	283.16
		<i>For Each Delivery And Removal, Two Round Trips, Add</i>	1,750.07
		<i>For Each Set-Up (Block And Level), Add</i>	702.55
		<i>For Each Anchoring Into Dirt, Add</i>	131.31
		<i>For Each Anchoring Into Asphalt Or Concrete, Add</i>	196.96
		<i>For Office Trailer Without Toilet, Deduct</i>	-56.63
01 52 13 00-0005	MO	10' x 40' Mobile Office, With Toilet.....	301.63
		<i>For Each Delivery And Removal, Two Round Trips, Add</i>	1,750.07
		<i>For Each Set-Up (Block And Level), Add</i>	702.55
		<i>For Each Anchoring Into Dirt, Add</i>	131.31
		<i>For Each Anchoring Into Asphalt Or Concrete, Add</i>	196.96
		<i>For Office Trailer Without Toilet, Deduct</i>	-60.33
01 52 13 00-0006	MO	10' x 44' Mobile Office, With Toilet.....	332.40
		<i>For Each Delivery And Removal, Two Round Trips, Add</i>	1,750.07
		<i>For Each Set-Up (Block And Level), Add</i>	702.55
		<i>For Each Anchoring Into Dirt, Add</i>	131.31
		<i>For Each Anchoring Into Asphalt Or Concrete, Add</i>	196.96
01 52 13 00-0007	MO	10' x 50' Mobile Office, With Toilet.....	350.87
		<i>For Each Delivery And Removal, Two Round Trips, Add</i>	1,750.07
		<i>For Each Set-Up (Block And Level), Add</i>	702.55
		<i>For Each Anchoring Into Dirt, Add</i>	131.31
		<i>For Each Anchoring Into Asphalt Or Concrete, Add</i>	196.96
01 52 13 00-0008	MO	12' x 32' Mobile Office, With Toilet.....	271.46
		<i>For Each Anchoring Into Dirt, Add</i>	131.31
		<i>For Each Anchoring Into Asphalt Or Concrete, Add</i>	196.96
		<i>For Each Delivery And Set-Up (Block And Level), Add</i>	972.51
		<i>For Each Knock-Down And Pick-Up, Add</i>	777.51

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 52 13 00-009	MO	12' x 44'	Mobile Office, With Toilet.....	362.94	
			<i>For Each Delivery And Removal, Two Round Trips, Add</i>	1,750.07	
			<i>For Each Set-Up (Block And Level), Add</i>	702.55	
			<i>For Each Anchoring Into Dirt, Add</i>	131.31	
			<i>For Each Anchoring Into Asphalt Or Concrete, Add</i>	196.96	
01 52 13 00-010	MO	12' x 50'	Mobile Office, With Toilet.....	412.43	
			<i>For Each Delivery And Removal, Two Round Trips, Add</i>	1,750.07	
			<i>For Each Set-Up (Block And Level), Add</i>	702.55	
			<i>For Each Anchoring Into Dirt, Add</i>	131.31	
			<i>For Each Anchoring Into Asphalt Or Concrete, Add</i>	196.96	
01 52 13 00-011	MO	12' x 60'	Mobile Office, With Toilet.....	449.36	
			<i>For Each Delivery And Removal, Two Round Trips, Add</i>	1,750.07	
			<i>For Each Set-Up (Block And Level), Add</i>	702.55	
			<i>For Each Anchoring Into Dirt, Add</i>	131.31	
			<i>For Each Anchoring Into Asphalt Or Concrete, Add</i>	196.96	
01 52 13 00-012	MO	24' x 60'	Modular Office, With Toilet.....	984.89	
			<i>For Each Delivery And Removal, Two Round Trips, Add</i>	3,500.12	
			<i>For Each Set-Up (Block And Level), Add</i>	1,133.15	
			<i>For Each Anchoring Into Dirt, Add</i>	131.31	
			<i>For Each Anchoring Into Asphalt Or Concrete, Add</i>	196.96	
01 52 13 00-013	MO	24' x 72'	Modular Office, With Toilet.....	1,181.87	
			<i>For Each Delivery And Removal, Two Round Trips, Add</i>	3,500.12	
			<i>For Each Set-Up (Block And Level), Add</i>	1,133.15	
			<i>For Each Anchoring Into Dirt, Add</i>	131.31	
			<i>For Each Anchoring Into Asphalt Or Concrete, Add</i>	196.96	
01 52 13 00-014	MO	30' x 30'	Modular Office, With Toilet.....	561.70	
			<i>For Each Delivery And Removal, Two Round Trips, Add</i>	3,500.12	
			<i>For Each Set-Up (Block And Level), Add</i>	1,133.15	
			<i>For Each Anchoring Into Dirt, Add</i>	131.31	
			<i>For Each Anchoring Into Asphalt Or Concrete, Add</i>	196.96	
01 52 13 00-015	Storage Containers <small>(01 52 13)</small>				
01 52 13 00-016	MO	8' x 8' x 10'	Storage Container.....	252.35	
			<i>For Each Delivery And Removal, Two Round Trips, Add</i>	184.77	
			<i>For >12 Months, Deduct</i>	-75.71	
01 52 13 00-017	MO	8' x 8' x 20'	Storage Container.....	263.82	
			<i>For Each Delivery And Removal, Two Round Trips, Add</i>	203.25	
			<i>For >12 Months, Deduct</i>	-79.15	
01 52 13 00-018	MO	8' x 8' x 40'	Storage Container.....	312.00	
			<i>For Each Delivery And Removal, Two Round Trips, Add</i>	409.33	
			<i>For >12 Months, Deduct</i>	-93.60	

01 52 19 Sanitary Facilities (01 52)

01 52 19 00-0001 Portable Toilets (01 52 19)

Note: Includes set-up, servicing once per week (unless task states otherwise) and removal.

01 52 19 00-0002	WK	Portable Chemical Toilet.....	.....	38.33	
			<i>For Each Additional Servicing Per Unit Per Week, Add</i>	25.00	
			<i>For Each Delivery, Add</i>	50.00	
01 52 19 00-0003	MO	Portable Chemical Toilet.....	.....	114.99	
			<i>For Each Additional Servicing Per Unit Per Week, Add</i>	25.00	
			<i>For Each Delivery, Add</i>	50.00	
01 52 19 00-0004	WK	Americans With Disabilities Act Compliant Portable Chemical Toilet.....	.....	45.72	
			<i>For Each Additional Servicing Per Unit Per Week, Add</i>	25.00	
			<i>For Each Delivery, Add</i>	50.00	
01 52 19 00-0005	MO	Americans With Disabilities Act Compliant Portable Chemical Toilet.....	.....	134.15	
			<i>For Each Additional Servicing Per Unit Per Week, Add</i>	25.00	
			<i>For Each Delivery, Add</i>	50.00	
01 52 19 00-0006	WK	Two Station Portable Handwash.....	.....	52.71	
			<i>For Each Delivery, Add</i>	50.00	
01 52 19 00-0007	MO	Two Station Portable Handwash.....	.....	159.90	
			<i>For Each Delivery, Add</i>	50.00	
01 52 19 00-0008	MO	6 Station, Portable Toilets, Multi Trailer.....	.....	4,351.88	
			Note: Includes women's room (3 toilets, 2 sinks) and men's room (1 toilet, 1 urinal and 1 sink)		
01 52 19 00-0009	WK	Service 6 Station Trailer Restrooms, 3 Times Per Week.....	.....	2,194.84	
			<i>For One Additional Service Per Week, Add</i>	731.61	
			Note: For one less service per week, UOM to be negative one (-1)		

01 53 Temporary Construction (01 50)

01 53 16 Temporary Decking (01 53)

01 53 16 00-0001 Temporary Walkways And Railings (01 53 16)

Note: Includes removal after use.

01 53 16 00-0002	SF	Temporary Wood Walkway, 3/4" Plywood On 2 x 6 Stringers.....	.....	7.71	
01 53 16 00-0003	LF	Temporary Wooden Guardrail, 42" High, Posts, Handrail, And Intermediate Rail.....	.....	32.77	
01 53 16 00-0004	LF	Temporary Wood Guardrail Base, 12" x 12" Timber Beam.....	.....	14.55	
01 53 16 00-0005	RSR	Temporary Wood Stairs, Tread And Riser On 2" x 12" Stringers.....	.....	25.80	

01 53 23 Temporary Ramps (01 53)

01 53 23 00-0001 Temporary Plywood For Wheel Barrow Access (01 53 23)

Note: Includes removal after use.

01 53 23 00-0002	SF	Temporary Plywood For Wheel Barrow Access.....	1.60	0.50
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01	01	General Requirements
	01 50	Temporary Facilities and Controls
	01 54	Construction Aids



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 54 Construction Aids (01 50)

01 54 09 Personnel Protection Equipment (01 54)

01 54 09 00-0001 Personnel Protection Equipment (01 54 09)

Note: Personnel Protection Equipment (PPE) for workers safety is considered as part of the Contractor's and Workers responsibility. Includes, but are not limited to; protective work gloves, hearing protection, protective clothing, reflective vests, safety glasses or face shields, dust masks, hard hats, appropriate foot protection (slip resistant, puncture-resistant soles, safety-toed), safety harnesses with lifeline, etc. Review JOC Note and specifications for requirements.

01 54 09 00-0002 NTE Personnel Protection Equipment0.00
Note: For specification publishing. Review specifications for requirements.

01 54 23 Temporary Scaffolding and Platforms (01 54)

01 54 23 00-0001 Scaffolding (01 54 23)

Note: Additional scaffolding rental for work above the normal working height.

01 54 23 00-0002 Scaffolding Rental - Rental Only (01 54 23 00-0001)

Note: Monthly rental of actual scaffolding volume rented. Scaffolding is complete with bracing, 2" thick x 12" wide scaffolding planks, scaffolding stairs (where necessary in lieu of planks), standard accessories, base leveling devices, mud sills, climbing ladders and landings, brackets, clamps and building ties, etc. See CSI section 01 54 23 00-0006 for scaffolding erection and dismantling.

01 54 23 00-0003 CCF Scaffolding With Bracing Accessories - Area Based On 5' Wide Sections (CCF / Month)33.60
For Up To 25, Add 13.44
For >25 To 50, Add 8.40
For >50 To 150, Add 3.36

01 54 23 00-0004 CCF Scaffolding With Bracing Accessories - Area Based On 4' Wide Sections (CCF / Month)37.78
For Up To 25, Add 15.11
For >25 To 50, Add 9.45
For >50 To 150, Add 3.78

01 54 23 00-0005 CCF Scaffolding With Bracing Accessories - Area Based On 3' Wide Sections (CCF / Month)50.40
For Up To 25, Add 20.16
For >25 To 50, Add 12.60
For >50 To 150, Add 5.04

01 54 23 00-0006 Scaffolding Erection And Dismantling - Labor Only (01 54 23 00-0001)

Note: Includes both initial erection and final dismantling Excludes lifting equipment. The unit of measure is the volume of scaffolding erected. See CSI section 01 54 23 00-0002 for scaffolding rental.

01 54 23 00-0007 CCF Up To 20' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories52.68
01 54 23 00-0008 CCF >20' To 40' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories65.84
01 54 23 00-0009 CCF >40' To 60' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories79.01
01 54 23 00-0010 CCF >60' To 80' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories86.91
01 54 23 00-0011 CCF >80' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories100.08
01 54 23 00-0012 CCF Up To 20' Height Scaffolding Initial Erection And Final Dismantling Set Up On Stairs, Per CCF Of Scaffolding And Accessories63.21

01 54 23 00-0013 Heavy Duty Masonry Scaffolding Rental - Rental Only (01 54 23 00-0001)

Note: Monthly rental of actual scaffolding volume rented. For projects over 2 stories. Scaffolding is complete with bracing, 2" thick x 12" wide scaffolding planks, scaffolding stairs (where necessary in lieu of planks), standard accessories, base leveling devices, mud sills, climbing ladders and landings, brackets, clamps, flat plate, connectors and building ties, etc. See CSI section 01 54 23 00-0019 for erection.

01 54 23 00-0014 CCF Heavy Duty Masonry Scaffolding With Bracing Accessories - Area Based On 4' Wide Sections (CCF / Month)65.80
01 54 23 00-0015 CCF Heavy Duty Masonry Scaffolding With Bracing Accessories - Area Based On 2' Wide Sections (CCF / Month)120.63
01 54 23 00-0016 LF Aluminum Joists (LF / Month)10.70
01 54 23 00-0017 LF Aluminum Stringers (LF / Month)15.34
01 54 23 00-0018 EA Screw Jack With U-Plate For Stringers (EA / Month)19.33

01 54 23 00-0019 Heavy Duty Masonry Scaffolding Erection And Dismantling - Labor Only (01 54 23 00-0001)

Note: Includes both initial erection and final dismantling Excludes lifting equipment. The unit of measure is the volume of scaffolding erected. See CSI section 01 54 23 00-0013 for scaffolding rental.

01 54 23 00-0020 CCF Up To 20' Height Heavy Duty Masonry Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories84.27
01 54 23 00-0021 CCF >20' To 40' Height Heavy Duty Masonry Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories105.35
01 54 23 00-0022 CCF >40' To 60' Height Heavy Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories126.42
01 54 23 00-0023 CCF >60' To 80' Height Heavy Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories136.95
01 54 23 00-0024 CCF >80' Height Heavy Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories152.76

01 54 23 00-0025 Scaffolding Accessories (01 54 23 00-0001)

See CSI section 01 54 23 00-0019 for erection.

01 54 23 00-0026 CSF Netting for Exterior Building Scaffolding39.31
Note: Includes removal after use.

01 54 23 00-0027 Rolling Scaffolding (01 54 23)

Note: Includes moving and relocating scaffolding on site. Excludes initial erection and final dismantling of scaffold.

01 54 23 00-0028 DAY >14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)12.60
01 54 23 00-0029 WK >14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)50.50

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 54 23 00-0030	MO	>14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	201.97	
01 54 23 00-0031	DAY	>20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	21.09	
01 54 23 00-0032	WK	>20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	84.49	
01 54 23 00-0033	MO	>20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	338.00	
01 54 23 00-0034	EA	>14' To 20', Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold	102.67	
01 54 23 00-0035	EA	>20' To 40', Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold	128.33	

01 54 23 00-0036
Shoring Posts (01 54 23)

Note: Includes moving to perform task and removal after use. No additional cost for relocating will be allowed.

01 54 23 00-0037	DAY	6'-6" To 11' Extension, 5,000 LB Capacity, Steel Shoring Post	7.73	
01 54 23 00-0038	WK	6'-6" To 11' Extension, 5,000 LB Capacity, Steel Shoring Post	23.18	
01 54 23 00-0039	MO	6'-6" To 11' Extension, 5,000 LB Capacity, Steel Shoring Post	38.63	

01 54 23 00-0040
Temporary Lumber, Single Use (01 54 23)

Note: Includes removal after use.

01 54 23 00-0041	SF	5/16" CD Grade Plywood, Temporary Lumber	2.55	
01 54 23 00-0042	SF	1/2" CD Grade Plywood, Temporary Lumber	2.98	
01 54 23 00-0043	SF	5/8" CD Grade Plywood, Temporary Lumber	3.22	
01 54 23 00-0044	SF	3/4" CD Grade Plywood, Temporary Lumber	3.57	
01 54 23 00-0045	SF	1" CD Grade Plywood, Temporary Lumber	5.31	
01 54 23 00-0046	LF	2" x 4" Temporary Lumber	3.23	
01 54 23 00-0047	LF	2" x 6" Temporary Lumber	4.10	
01 54 23 00-0048	LF	2" x 8" Temporary Lumber	4.98	
01 54 23 00-0049	LF	2" x 10" Temporary Lumber	5.87	
01 54 23 00-0050	LF	2" x 12" Temporary Lumber	6.74	
01 54 23 00-0051	LF	3" x 8" Temporary Lumber	6.74	
01 54 23 00-0052	LF	3" x 10" Temporary Lumber	8.06	
01 54 23 00-0053	LF	3" x 12" Temporary Lumber	9.39	
01 54 23 00-0054	LF	4" x 4" Temporary Lumber	4.40	
01 54 23 00-0055	LF	4" x 6" Temporary Lumber	6.34	
01 54 23 00-0056	LF	6" x 6" Temporary Lumber	8.28	
01 54 23 00-0057	LF	6" x 8" Temporary Lumber	10.77	
01 54 23 00-0058	LF	12" x 12" Temporary Lumber	26.54	

01 54 23 00-0059
Temporary Precast Concrete Blocks (01 54 23)

Note: Includes removal after use.

01 54 23 00-0060	EA	2' x 2' x 2' Temporary Precast Concrete (Ecology) Block	119.11	
		Note: Includes removal after use.		
01 54 23 00-0061	EA	2' x 2' x 4' Temporary Precast Concrete (Ecology) Block	148.90	
		Note: Includes removal after use.		
01 54 23 00-0062	EA	2' x 2' x 8' Temporary Precast Concrete (Ecology) Block	197.18	
		Note: Includes removal after use.		

01 54 26
Temporary Swing Staging (01 54)

Note: Up to one month rental. Includes connection to existing electrical outlet on roof, all necessary safety equipment for personnel and anchoring to existing roof anchors. Excludes installing roof anchors.

01 54 26 00-0001
Swing Stage (01 54 26)

Note: Up to one month rental. Includes connection to existing electrical outlet on roof, and all necessary safety equipment for personnel. Excludes installing roof anchors.

01 54 26 00-0002	MO	7' Swing Stage, Electric Operated	2,892.02	
01 54 26 00-0003	MO	10' Swing Stage, Electric Operated	3,036.62	
01 54 26 00-0004	MO	14' Swing Stage, Electric Operated	3,181.22	
01 54 26 00-0005	MO	20' Swing Stage, Electric Operated	3,325.82	
01 54 26 00-0006	MO	24' Swing Stage, Electric Operated	3,470.43	
01 54 26 00-0007	MO	30' Swing Stage, Electric Operated	3,615.03	
01 54 26 00-0008	MO	42' Swing Stage, Electric Operated	3,759.63	
01 54 26 00-0009	MO	12' Swing Stage, Manually Operated	833.93	
01 54 26 00-0010	MO	24' Swing Stage, Manually Operated	1,042.42	
01 54 26 00-0011	EA	Swing Stage Platform From Hooks, Erection And Dismantling	4,376.96	
		Note: Includes both initial erection and final dismantling of platform. Excludes anchors or temporary roof mounted outrigger system.		
01 54 26 00-0012	EA	Swing Stage Platform And Temporary Roof Mounted Outrigger System Erection And Dismantling	6,082.52	
		Note: Includes both initial erection and final dismantling of temporary roof mounted outrigger system.		
01 54 26 00-0013	EA	Move Swing Stage Platform From Hooks To Different Location At Same Roof	2,301.50	
01 54 26 00-0014	EA	Move Swing Stage Platform and Temporary Roof Mounted Outrigger System To Different Location At Same Roof	3,205.66	

01 55 Vehicular Access and Parking (01 50)
01 55 23
Temporary Roads (01 55)
01 55 23 00-0001
Temporary Stabilized Construction Entrance (01 55 23)

Note: As per Caltrans detail.

01 55 23 00-0002	SF	3" To 4" Rock Temporary Stabilized Construction Entrance Assembly	3.32	
		Note: Includes up to 12" excavation of pit, hauling and disposal of soil, filter fabric at base and sides, filled with rock, and compaction.		
01 55 23 00-0003	SF	>4" To 6" Rock Temporary Stabilized Construction Entrance Assembly	4.32	
		Note: Includes up to 12" excavation of pit, hauling and disposal of soil, filter fabric at base and sides, filled with rock, and compaction.		

01 55 23 00-0004
Rumble Trench Plate (01 55 23)

01 General Requirements
01 50 Temporary Facilities and Controls
01 55 Vehicular Access and Parking

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 55 23 00-0005	MO	8' x 10' Steel Rumble Trench Plate Rental.....	386.26	
01 55 23 00-0006	EA	Placement And Removal Of Rumble Plate.....	90.06	
		Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.		
01 55 23 00-0007	EA	Relocate And Adjust Location Of Rumble Plate.....	22.51	
		Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.		
01 55 23 00-0008		Temporary Road Ramps (Godwin) (01 55 23)		
		Note: Excludes asphalt and gravel.		
01 55 23 00-0009	EA	4" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin).....	4,726.63	205.23
01 55 23 00-0010	EA	6" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin).....	6,433.15	307.84
01 55 23 00-0011	EA	8" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin).....	8,890.29	410.45
01 55 23 00-0012	EA	12" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin).....	18,478.52	513.07
01 55 23 00-0013	EA	24" Pipeline, 15' Passable Vehicle Width, Temporary Road Ramp (Godwin).....	27,128.44	615.69
01 55 26		Traffic Control (01 55)		
01 55 26 00-0001		Temporary Pedestrian Traffic Control (01 55 26)		
01 55 26 00-0002	CLF	1", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange.....	11.18	
01 55 26 00-0003	CLF	2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange.....	14.94	
01 55 26 00-0004	CLF	3/4", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow.....	8.28	
01 55 26 00-0005	CLF	2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow.....	10.31	
01 55 26 00-0006	CLF	3", 4 Mil Polyethylene Printed Barricade Tape, Non Fluorescent.....	11.44	
01 55 26 00-0007	CLF	6", 4 Mil Polyethylene Printed Barricade Tape, Non Fluorescent.....	16.24	
01 55 26 00-0008	CLF	1" Exterior Vinyl Tape (Warning Tape).....	13.66	
01 55 26 00-0009	CLF	2" Exterior Vinyl Tape (Warning Tape).....	19.66	
01 55 26 00-0010	CLF	3" Exterior Vinyl Tape (Warning Tape).....	25.31	
01 55 26 00-0011	CLF	4" Exterior Vinyl Tape (Warning Tape).....	29.64	
01 55 26 00-0012		Temporary Removable Preformed Traffic Black Line Mask (01 55 26)		
		Note: Includes installation and removal after use.		
01 55 26 00-0013	LF	6" Removable Traffic Black Line Mask.....	4.95	
01 55 26 00-0014	LF	8" Removable Traffic Black Line Mask.....	5.99	
01 55 26 00-0015		Temporary Preformed Traffic Line Tape (01 55 26)		
		Note: Includes installation and removal after use.		
01 55 26 00-0016	LF	4" Reflective Removable Traffic Line Tape.....	5.02	
01 55 26 00-0017	LF	6" Reflective Removable Traffic Line Tape.....	6.86	
01 55 26 00-0018	LF	8" Reflective Removable Traffic Line Tape.....	8.62	
01 55 26 00-0019		Temporary Painted Traffic Lines (01 55 26)		
		Note: Includes installation and removal after use.		
01 55 26 00-0020	LF	4" Temporary Painted Traffic Lines.....	2.26	
		<i>For Not Removed, Deduct</i>	-1.50	
01 55 26 00-0021	LF	6" Temporary Painted Traffic Lines.....	2.98	
		<i>For Not Removed, Deduct</i>	-2.03	
01 55 26 00-0022	LF	8" Temporary Painted Traffic Lines.....	3.74	
		<i>For Not Removed, Deduct</i>	-2.60	
01 55 26 00-0023	EA	2" High x 2" Wide Temporary Overlay Pavement Markers, "L" With Factory-Applied Adhesive Pad.....	3.16	
01 55 26 00-0024	EA	2" High x 4" Wide Temporary Overlay Pavement Markers, "L" With Factory-Applied Adhesive Pad.....	3.19	
01 55 26 00-0025		Linear Delineation System, Temporary Or Permanent (01 55 26)		
		Note: High visibility reflective sheeting strips. Scotchlite as manufactured by 3M.		
01 55 26 00-0026	LF	4" Linear Delineation System.....	10.85	
01 55 26 00-0027	LF	6" Linear Delineation System.....	14.71	
01 55 26 00-0028		Temporary Traffic Protection (01 55 26)		
01 55 26 00-0029		Temporary Portable Traffic Control Device Usage (01 55 26 00-0028)		
		Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0104 for delivery, placing and removal.		
01 55 26 00-0030	DAY	28" Cone With Reflective Collar.....	0.83	
01 55 26 00-0031	WK	28" Cone With Reflective Collar.....	2.49	
01 55 26 00-0032	MO	28" Cone With Reflective Collar.....	7.47	
01 55 26 00-0033	DAY	Vertical Panel.....	2.51	
01 55 26 00-0034	WK	Vertical Panel.....	7.52	
01 55 26 00-0035	MO	Vertical Panel.....	22.55	
01 55 26 00-0036	DAY	Channelizer Drum.....	2.72	
01 55 26 00-0037	WK	Channelizer Drum.....	8.16	
01 55 26 00-0038	MO	Channelizer Drum.....	24.48	
01 55 26 00-0039	DAY	Stackable Channelizer Panel.....	1.29	
01 55 26 00-0040	WK	Stackable Channelizer Panel.....	3.86	
01 55 26 00-0041	MO	Stackable Channelizer Panel.....	11.57	
01 55 26 00-0042	DAY	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side.....	1.78	
01 55 26 00-0043	WK	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side.....	5.34	
01 55 26 00-0044	MO	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side.....	16.03	
01 55 26 00-0045	DAY	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side.....	3.95	
01 55 26 00-0046	WK	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side.....	11.84	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 55 26 00-0047	MO	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side.....	35.53
01 55 26 00-0048	DAY	Type III Barricade, Up To 5' Wide With Three Reflective Rails.....	4.50
01 55 26 00-0049	WK	Type III Barricade, Up To 5' Wide With Three Reflective Rails.....	13.50
01 55 26 00-0050	MO	Type III Barricade, Up To 5' Wide With Three Reflective Rails.....	40.49
01 55 26 00-0051	DAY	Type III Barricade, >5' To 10' Wide With Three Reflective Rails.....	8.23
01 55 26 00-0052	WK	Type III Barricade, >5' To 10' Wide With Three Reflective Rails.....	24.69
01 55 26 00-0053	MO	Type III Barricade, >5' To 10' Wide With Three Reflective Rails.....	74.06
01 55 26 00-0054	DAY	Up To 10' Wide A Frame Barricade.....	4.51
01 55 26 00-0055	WK	Up To 10' Wide A Frame Barricade.....	13.54
01 55 26 00-0056	MO	Up To 10' Wide A Frame Barricade.....	40.62
01 55 26 00-0057	DAY	Type A Or C Flasher.....	0.92
01 55 26 00-0058	WK	Type A Or C Flasher.....	2.76
01 55 26 00-0059	MO	Type A Or C Flasher.....	8.28
01 55 26 00-0060	DAY	Type B Flasher (High Intensity).....	4.99
01 55 26 00-0061	WK	Type B Flasher (High Intensity).....	14.97
01 55 26 00-0062	MO	Type B Flasher (High Intensity).....	44.91

01 55 26 00-0063 Temporary Traffic Barriers Usage (01 55 26 00-0028)

Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0104 for delivery, placing and removal.

01 55 26 00-0064	DAY	6' Long Portable Parking Curbs.....	2.15
01 55 26 00-0065	WK	6' Long Portable Parking Curbs.....	6.45
01 55 26 00-0066	MO	6' Long Portable Parking Curbs.....	19.34
01 55 26 00-0067	DAY	6' Long Portable Speed Bumps.....	6.36
01 55 26 00-0068	WK	6' Long Portable Speed Bumps.....	19.08
01 55 26 00-0069	MO	6' Long Portable Speed Bumps.....	57.24
01 55 26 00-0070	DAY	Up To 12.5' Concrete Traffic Barrier.....	15.28
01 55 26 00-0071	WK	Up To 12.5' Concrete Traffic Barrier.....	45.84
01 55 26 00-0072	MO	Up To 12.5' Concrete Traffic Barrier.....	137.51
01 55 26 00-0073	DAY	>12.5' To 20' Concrete Traffic Barrier.....	30.56
01 55 26 00-0074	WK	>12.5' To 20' Concrete Traffic Barrier.....	91.68
01 55 26 00-0075	MO	>12.5' To 20' Concrete Traffic Barrier.....	275.03
01 55 26 00-0076	DAY	6' x 32" Tall Plastic Water Barrier.....	18.25
01 55 26 00-0077	WK	6' x 32" Tall Plastic Water Barrier.....	54.74
01 55 26 00-0078	MO	6' x 32" Tall Plastic Water Barrier.....	164.23
01 55 26 00-0079	DAY	6' x 46" Tall Plastic Water Barrier.....	26.06
01 55 26 00-0080	WK	6' x 46" Tall Plastic Water Barrier.....	78.17
01 55 26 00-0081	MO	6' x 46" Tall Plastic Water Barrier.....	234.50
01 55 26 00-0082	DAY	Sand Filled Crash Attenuator Barrels.....	10.20
01 55 26 00-0083	WK	Sand Filled Crash Attenuator Barrels.....	30.60
01 55 26 00-0084	MO	Sand Filled Crash Attenuator Barrels.....	91.79

01 55 26 00-0085 Temporary Portable Signs And Message Displays Usage (01 55 26 00-0028)

Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0104 for delivery, placing and removal.

01 55 26 00-0086	DAY	Mesh Or Vinyl Roll-up Sign With Stand.....	8.01
01 55 26 00-0087	WK	Mesh Or Vinyl Roll-up Sign With Stand.....	24.02
01 55 26 00-0088	MO	Mesh Or Vinyl Roll-up Sign With Stand.....	72.06
01 55 26 00-0089	DAY	Aluminum Sign And Post.....	3.98
01 55 26 00-0090	WK	Aluminum Sign And Post.....	11.93
01 55 26 00-0091	MO	Aluminum Sign And Post.....	35.80
01 55 26 00-0092	DAY	Aluminum Sign And A Frame Stand.....	6.05
01 55 26 00-0093	WK	Aluminum Sign And A Frame Stand.....	18.16
01 55 26 00-0094	MO	Aluminum Sign And A Frame Stand.....	54.49
01 55 26 00-0095	DAY	Trailer Mounted Flashing Arrow Board.....	139.00
01 55 26 00-0096	WK	Trailer Mounted Flashing Arrow Board.....	384.73
01 55 26 00-0097	MO	Trailer Mounted Flashing Arrow Board.....	1,017.66
01 55 26 00-0098	DAY	Trailer Mounted Portable Variable Message Sign (PVMS).....	378.33
01 55 26 00-0099	WK	Trailer Mounted Portable Variable Message Sign (PVMS).....	1,008.88
01 55 26 00-0100	MO	Trailer Mounted Portable Variable Message Sign (PVMS).....	2,017.76
01 55 26 00-0101	DAY	Two Head, Trailer Mounted Traffic Signal System (Set Of Two).....	1,361.99
		Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer.	
01 55 26 00-0102	WK	Two Head, Trailer Mounted Traffic Signal System (Set Of Two).....	4,085.97
		Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer.	
01 55 26 00-0103	MO	Two Head, Trailer Mounted Traffic Signal System (Set Of Two).....	12,257.91
		Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer.	

01 55 26 00-0104 Place And Remove Temporary Traffic Protection Using Truck (01 55 26 00-0028)

Note: Includes delivery and return up to 15 miles. See CSI section 01 74 19 00-0039 for delivery >15 miles.

01 55 26 00-0105	EA	Placement And Removal Of Up To 250 Cones Using Truck.....	3.54
01 55 26 00-0106	EA	Placement And Removal Of >250 Cones Using Truck.....	3.10
01 55 26 00-0107	EA	Placement And Removal Of Up To 250 Panels/Channelizers Using Truck.....	5.84
01 55 26 00-0108	EA	Placement And Removal Of >250 Panels/Channelizers Using Truck.....	4.86
01 55 26 00-0109	EA	Placement And Removal Of Up To 250 Barricades Using Truck.....	8.84
01 55 26 00-0110	EA	Placement And Removal Of >250 Barricades Using Truck.....	7.08
01 55 26 00-0111	EA	Placement And Removal Of Curbs/Speed Bumps Using Truck.....	8.84
01 55 26 00-0112	EA	Placement And Removal Of Portable Sign And Stand Using Truck.....	5.31
01 55 26 00-0113	EA	Placement And Removal Of Aluminum Sign And Post Using Truck.....	22.12
01 55 26 00-0114	EA	Placement And Removal Of Trailer Mounted Boards And Signals Using Truck.....	66.35

01 General Requirements
01 50 Temporary Facilities and Controls
01 55 Vehicular Access and Parking

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 55 26 00-0115	EA	Placement And Removal Of Up To 12.5' Concrete Traffic Barrier	90.06
		Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	
		For 1 Barrier, Add	225.15
		For 2 Barriers, Add	81.05
		For 3 Barriers, Add	27.02
01 55 26 00-0116	EA	Placement And Removal Of >12.5' Concrete Traffic Barrier	135.10
		Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	
		For 1 Barrier, Add	337.75
		For 2 Barriers, Add	121.59
		For 3 Barriers, Add	40.53
01 55 26 00-0117	EA	Placement And Removal Of Plastic Water Barrier	51.99
		Note: Includes water. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rental tasks, 01 71 13 00-0000 for mobilization tasks.	
		For 1 Barrier, Add	112.60
		For 2 Barriers, Add	40.54
		For 3 Barriers, Add	13.51
01 55 26 00-0118	EA	Placement And Removal Of Crash Attenuator Barrels	67.55
		Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	
		For 1 Barrier, Add	168.88
		For 2 Barriers, Add	60.80
		For 3 Barriers, Add	20.27

01 55 26 00-0119 Place And Remove Temporary Traffic Protection From Roadside (Daily) ^(01 55 26 00-0028)

01 55 26 00-0120	EA	Placement And Removal Of Up To 250 Cones By Hand From Roadside	2.21
01 55 26 00-0121	EA	Placement And Removal Of >250 Cones By Hand From Roadside	1.77
01 55 26 00-0122	EA	Placement And Removal Of Up To 250 Panels/Channelizers By Hand From Roadside	2.95
01 55 26 00-0123	EA	Placement And Removal Of >250 Panels/Channelizers By Hand From Roadside	2.35
01 55 26 00-0124	EA	Placement And Removal Of Up To 250 Barricades By Hand From Roadside	4.43
01 55 26 00-0125	EA	Placement And Removal Of >250 Barricades By Hand From Roadside	3.54
01 55 26 00-0126	EA	Placement And Removal Of Portable Sign And Stand From Roadside	2.66
01 55 26 00-0127	EA	Placement And Removal Of Trailer Mounted Boards And Signals From Roadside	33.18
01 55 26 00-0128	EA	Roadside Relocation Of Concrete Traffic Barrier	45.04
		Note: Excludes flatbed truck. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rental tasks, 01 71 13 00-0000 for mobilization.	

01 55 26 00-0129 Temporary Rumble Strips ^(01 55 26)

Note: Includes removal after use.

01 55 26 00-0130	LF	1/4" High, 4" Wide, Polymer Tape Temporary Rumble Strip	12.96
01 55 26 00-0131	LF	1/2" High, 3-1/2" Wide, Polycarbonate Temporary Rumble Strip	9.30

01 56 Temporary Barriers and Enclosures ^(01 50)

Note: Includes removal after use.

01 56 16 Temporary Dust Barriers ^(01 56)

01 56 16 00-0001 Temporary Sheeting For Protection ^(01 56 16)

Note: Includes removal after use. See CSI section 02 89 00 00-0002 for Other barriers for infectious control.

01 56 16 00-0002	SF	6 Mil, Plastic Sheeting, Applied To Floors	0.36
01 56 16 00-0003	SF	6 Mil, Plastic Sheeting, Applied To Walls	0.46
01 56 16 00-0004	SF	6 Mil, Plastic Sheeting, Applied To Ceilings	0.60
01 56 16 00-0005	SF	6 Mil, Plastic Sheeting, Applied To Scaffolding	0.59
01 56 16 00-0006	SF	6 Mil, Fire Retardant, Plastic Sheeting, Applied To Floors	0.44
01 56 16 00-0007	SF	6 Mil, Fire Retardant, Plastic Sheeting, Applied To Walls	0.54
01 56 16 00-0008	SF	6 Mil, Fire Retardant, Plastic Sheeting, Applied To Ceilings	0.68
01 56 16 00-0009	SF	6 Mil, Fire Retardant, Plastic Sheeting, Applied To Scaffolding	0.64
01 56 16 00-0010	SF	10 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Scaffolding	0.83
01 56 16 00-0011	SF	6 Mil, Fire Retardant, Anti Static, Plastic Sheeting, Applied To Floors	0.47
01 56 16 00-0012	SF	6 Mil, Fire Retardant, Anti Static, Plastic Sheeting, Applied To Walls	0.57
01 56 16 00-0013	SF	6 Mil, Fire Retardant, Anti Static, Plastic Sheeting, Applied To Ceilings	0.71
01 56 16 00-0014	SF	6 Mil, Fire Retardant, Anti Static, Plastic Sheeting, Applied To Scaffolding	0.67
01 56 16 00-0015	SF	6 Mil, Reinforced, Plastic Sheeting, Applied To Floors	0.46
01 56 16 00-0016	SF	6 Mil, Reinforced, Plastic Sheeting, Applied To Walls	0.56
01 56 16 00-0017	SF	6 Mil, Reinforced, Plastic Sheeting, Applied To Ceilings	0.70
01 56 16 00-0018	SF	6 Mil, Reinforced, Plastic Sheeting, Applied To Scaffolding	0.66
01 56 16 00-0019	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Floors	0.53
01 56 16 00-0020	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Walls	0.63
01 56 16 00-0021	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Ceilings	0.77
01 56 16 00-0022	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Scaffolding	0.73

01 56 16 00-0023 Accessories For Temporary Sheeting ^(01 56 16)

Note: Includes removal after use.

01 56 16 00-0024	EA	7' Zipper Door For Plastic Sheeting	22.10
01 56 16 00-0025	LF	Zip Wall Kit And ICRA Dust Control Awareness Barrier (Per LF Of Wall)	9.03
		Note: Includes up to 12' long spring loaded poles, side clamps, foam rails and 6 mil poly barrier. Excludes zip doors.	

01 56 16 00-0026 Magnetic Barriers For Temporary Sheeting ^(01 56 16)

01 56 16 00-0027	EA	Magnetic Dust Barrier Door System For Plastic Sheeting	23.55
		Note: Multi use. Excludes spring poles and magnetic strips.	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 56 16 00-0028	EA	29" To 50", Dust Barrier Spring Pole For Door System	6.26
		Note: Multi use.	
01 56 16 00-0029	EA	Magnetic Strip For Door System.....	3.24
		Note: Multi use.	
01 56 16 00-0030		Temporary Critical Barriers For Protection <small>(01 56 16)</small>	
		Note: Includes removal after use. See CSI section 02 89 00 00-0002 for Other barriers for infectious control.	
01 56 16 00-0031	EA	Up To 1 SF Individual Critical Barriers.....	11.80
		Note: For Outlets And Receptacles	
01 56 16 00-0032	EA	>1 To 4 SF Individual Critical Barriers	17.90
		Note: For diffusers, ceiling speakers, return grilles, etc.	
01 56 16 00-0033	EA	>4 To 8 SF Individual Critical Barriers	24.05
		Note: For diffusers, return grilles, access doors, light fixtures, etc.	
01 56 16 00-0034	EA	>8 To 32 SF Individual Critical Barriers	37.66
		Note: For doors, windows, etc.	
01 56 16 00-0035		Temporary Stud Wall <small>(01 56 16)</small>	
		Note: Includes removal after use.	
01 56 16 00-0036		Temporary Stud Wall With Drywall <small>(01 56 16 00-0035)</small>	
		Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, drywall taped and finished and removal after use. Excludes paint.	
01 56 16 00-0037		Temporary Stud Wall With Drywall <small>(01 56 16 00-0036)</small>	
01 56 16 00-0038	SF	3/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	6.12
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.79
01 56 16 00-0039	SF	1/2" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	6.12
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.79
01 56 16 00-0040	SF	5/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	6.21
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.79
01 56 16 00-0041	SF	3/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	8.49
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.89
01 56 16 00-0042	SF	1/2" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	8.49
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.89
01 56 16 00-0043	SF	5/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	8.67
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.89
01 56 16 00-0044		Temporary Stud Wall With Fire Rated Drywall <small>(01 56 16 00-0036)</small>	
01 56 16 00-0045	SF	1/2" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	6.22
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.79
01 56 16 00-0046	SF	5/8" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	6.25
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.79
01 56 16 00-0047	SF	5/8" Type X Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	6.20
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.79
01 56 16 00-0048	SF	3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center.....	6.90
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.79
01 56 16 00-0049	SF	1/2" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	8.69
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.89
01 56 16 00-0050	SF	5/8" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	8.76
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.89
01 56 16 00-0051	SF	5/8" Type X Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	8.65
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.89
01 56 16 00-0052	SF	3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	10.06
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.89
01 56 16 00-0053		Temporary Stud Wall With Oriented Strand Board (OSB) <small>(01 56 16 00-0035)</small>	
		Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, oriented strand board (OSB) wall sheathing, and removal after use. Excludes paint.	
01 56 16 00-0054	SF	7/16" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	6.14
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.79
01 56 16 00-0055	SF	1/2" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	6.20
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.79
01 56 16 00-0056	SF	5/8" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	6.37
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.79
01 56 16 00-0057	SF	3/4" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	6.46
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.79
01 56 16 00-0058	SF	7/16" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	8.53
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.89
01 56 16 00-0059	SF	1/2" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	8.65
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.89
01 56 16 00-0060	SF	5/8" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	8.98
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.89
01 56 16 00-0061	SF	3/4" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	9.17
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.89
01 56 16 00-0062		Temporary Stud Wall With BC Plywood <small>(01 56 16 00-0035)</small>	
		Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, interior/exterior BC plywood wall sheathing, and removal after use. Excludes paint.	
01 56 16 00-0063	SF	3/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	6.54
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.79
01 56 16 00-0064	SF	1/2" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	6.76
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.79

01 General Requirements
01 50 Temporary Facilities and Controls
01 56 Temporary Barriers and Enclosures

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 56 16 00-0065	SF	5/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	6.90	
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.79	
01 56 16 00-0066	SF	3/4" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	7.07	
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.79	
01 56 16 00-0067	SF	3/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	9.33	
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.89	
01 56 16 00-0068	SF	1/2" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	9.77	
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.89	
01 56 16 00-0069	SF	5/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	10.06	
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.89	
01 56 16 00-0070	SF	3/4" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	10.40	
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.89	
01 56 16 00-0071		Temporary Stud Wall With Plastic Sheeting <small>(01 56 16 00-0035)</small>		
		Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, 6 Mil plastic sheeting, and removal after use.		
01 56 16 00-0072	SF	6 Mil, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center	3.47	
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.68	
01 56 16 00-0073	SF	6 Mil, Fire Retardant, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center	3.55	
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.68	
01 56 16 00-0074	SF	6 Mil, Fire Retardant, Anti-Static, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center	3.58	
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.68	
01 56 16 00-0075	SF	6 Mil, Reinforced, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center	3.57	
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.68	
01 56 16 00-0076	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center	3.64	
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.68	
01 56 16 00-0077		Temporary Doors <small>(01 56 16 00-0035)</small>		
		Note: For temporary stud walls. Includes removal after use.		
01 56 16 00-0078	EA	Temporary Metal Door And Frame	653.45	
		Note: Painted with panic hardware, lockset, threshold and smoke seals. Remove after use.		
01 56 16 00-0079		Temporary Floor Protection <small>(01 56 16)</small>		
		Note: Includes removal after use.		
01 56 16 00-0080	SF	1/2" Thick, Plywood For Temporary Floor Protection	1.67	
01 56 16 00-0081	SF	3/4" Thick, Plywood For Temporary Floor Protection	1.96	
01 56 16 00-0082	LF	38" Wide, 46 Mil Fiberboard, Ram Board® For Temporary Floor Protection	1.00	
01 56 16 00-0083	LF	36" Wide, 9 Mil, Regular Weight Red Rosin Paper, For Temporary Floor Protection	0.31	
01 56 16 00-0084	CSF	3 Mil, Temporary Self-adhesive Carpet Protection Film	25.84	
01 56 16 00-0085		Sticky Mats <small>(01 56 16)</small>		
		Note: Includes removal after use.		
01 56 16 00-0086	EA	18" x 36", 30 Layer Sticky Mat	35.98	
		<i>For 60 Layers Instead Of 30, Add</i>	23.90	
01 56 16 00-0087	EA	18" x 46", 30 Layer Sticky Mat	41.29	
		<i>For 60 Layers Instead Of 30, Add</i>	27.89	
01 56 16 00-0088	EA	24" x 36", 30 Layer Sticky Mat	41.29	
		<i>For 60 Layers Instead Of 30, Add</i>	27.89	
01 56 16 00-0089	EA	25" x 45", 30 Layer Sticky Mat	54.57	
		<i>For 60 Layers Instead Of 30, Add</i>	37.85	
01 56 16 00-0090	EA	36" x 36", 30 Layer Sticky Mat	59.88	
		<i>For 60 Layers Instead Of 30, Add</i>	41.83	
01 56 16 00-0091	EA	36" x 46", 30 Layer Sticky Mat	65.19	
		<i>For 60 Layers Instead Of 30, Add</i>	45.81	
01 56 16 00-0092	EA	36" x 60", 30 Layer Sticky Mat	131.58	
		<i>For 60 Layers Instead Of 30, Add</i>	95.60	
01 56 16 00-0093	EA	36" x 72", 30 Layer Sticky Mat	157.07	
01 56 26		Temporary Fencing <small>(01 56)</small>		
01 56 26 00-0001		Temporary Fencing <small>(01 56 26)</small>		
		Note: Per ASTM A392-06 Standards		
01 56 26 00-0002		Temporary Chain Link Fence <small>(01 56 26 00-0001)</small>		
		Note: Includes delivery, set-up (driving posts) and removal. Excludes auguring/drilling for posts. See CSI section 02 41 19 13-0024 for core drilling in asphalt or concrete, 32 31 13 13-0001 for augering and backfill of posts.		
01 56 26 00-0003		Temporary Chain Link Fence, Up To 6 Months <small>(01 56 26 00-0002)</small>		
01 56 26 00-0004	LF	Temporary 4' High Chain Link Fence And Posts, Up To 6 Months	6.28	
		<i>For >100 To 250, Deduct</i>	-0.15	
		<i>For >250 To 500, Deduct</i>	-0.30	
		<i>For >500, Deduct</i>	-0.45	
		<i>For Each LF Shade Cloth, Add</i>	1.60	
01 56 26 00-0005	LF	Temporary 6' High Chain Link Fence And Posts, Up To 6 Months	6.98	
		<i>For >100 To 250, Deduct</i>	-0.17	
		<i>For >250 To 500, Deduct</i>	-0.34	
		<i>For >500, Deduct</i>	-0.51	
		<i>For Each LF Shade Cloth, Add</i>	2.55	
01 56 26 00-0006	LF	Temporary 8' High Chain Link Fence And Posts, Up To 6 Months	9.65	
		<i>For >100 To 250, Deduct</i>	-0.29	
		<i>For >250 To 500, Deduct</i>	-0.57	
		<i>For >500, Deduct</i>	-0.86	
		<i>For Each LF Shade Cloth, Add</i>	3.60	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0007	LF		Temporary 10' High Chain Link Fence And Posts, Up To 6 Months.....	21.31	
			<i>For >100 To 250, Deduct</i>	-0.85	
			<i>For >250 To 500, Deduct</i>	-1.70	
			<i>For >500, Deduct</i>	-2.54	
			<i>For Each LF Shade Cloth, Add</i>	4.75	
01 56 26 00-0008			Temporary Chain Link Fence, >6 To 12 Months (01 56 26 00-0002)		
01 56 26 00-0009	LF		Temporary 4' High Chain Link Fence And Posts, >6 To 12 Months	6.59	
			<i>For >100 To 250, Deduct</i>	-0.17	
			<i>For >250 To 500, Deduct</i>	-0.33	
			<i>For >500, Deduct</i>	-0.50	
			<i>For Each LF Shade Cloth, Add</i>	1.60	
01 56 26 00-0010	LF		Temporary 6' High Chain Link Fence And Posts, >6 To 12 Months	7.32	
			<i>For >100 To 250, Deduct</i>	-0.19	
			<i>For >250 To 500, Deduct</i>	-0.37	
			<i>For >500, Deduct</i>	-0.56	
			<i>For Each LF Shade Cloth, Add</i>	2.55	
01 56 26 00-0011	LF		Temporary 8' High Chain Link Fence And Posts, >6 To 12 Months	10.21	
			<i>For >100 To 250, Deduct</i>	-0.31	
			<i>For >250 To 500, Deduct</i>	-0.63	
			<i>For >500, Deduct</i>	-0.94	
			<i>For Each LF Shade Cloth, Add</i>	3.60	
01 56 26 00-0012	LF		Temporary 10' High Chain Link Fence And Posts, >6 To 12 Months	23.00	
			<i>For >100 To 250, Deduct</i>	-0.93	
			<i>For >250 To 500, Deduct</i>	-1.86	
			<i>For >500, Deduct</i>	-2.80	
			<i>For Each LF Shade Cloth, Add</i>	4.75	
01 56 26 00-0013			Temporary Chain Link Fence, >12 To 18 Months (01 56 26 00-0002)		
01 56 26 00-0014	LF		Temporary 4' High Chain Link Fence And Posts, >12 To 18 Months	6.92	
			<i>For >100 To 250, Deduct</i>	-0.18	
			<i>For >250 To 500, Deduct</i>	-0.36	
			<i>For >500, Deduct</i>	-0.54	
			<i>For Each LF Shade Cloth, Add</i>	1.60	
01 56 26 00-0015	LF		Temporary 6' High Chain Link Fence And Posts, >12 To 18 Months	7.70	
			<i>For >100 To 250, Deduct</i>	-0.20	
			<i>For >250 To 500, Deduct</i>	-0.41	
			<i>For >500, Deduct</i>	-0.61	
			<i>For Each LF Shade Cloth, Add</i>	2.55	
01 56 26 00-0016	LF		Temporary 8' High Chain Link Fence And Posts, >12 To 18 Months	10.85	
			<i>For >100 To 250, Deduct</i>	-0.35	
			<i>For >250 To 500, Deduct</i>	-0.69	
			<i>For >500, Deduct</i>	-1.04	
			<i>For Each LF Shade Cloth, Add</i>	3.60	
01 56 26 00-0017	LF		Temporary 10' High Chain Link Fence And Posts, >12 To 18 Months	24.86	
			<i>For >100 To 250, Deduct</i>	-1.03	
			<i>For >250 To 500, Deduct</i>	-2.05	
			<i>For >500, Deduct</i>	-3.08	
			<i>For Each LF Shade Cloth, Add</i>	4.75	
01 56 26 00-0018			Temporary Chain Link Fence, >18 Months (01 56 26 00-0002)		
01 56 26 00-0019	LF		Temporary 4' High Chain Link Fence And Posts, >18 Months	7.28	
			<i>For >100 To 250, Deduct</i>	-0.20	
			<i>For >250 To 500, Deduct</i>	-0.40	
			<i>For >500, Deduct</i>	-0.60	
			<i>For Each LF Shade Cloth, Add</i>	1.60	
01 56 26 00-0020	LF		Temporary 6' High Chain Link Fence And Posts, >18 Months	8.08	
			<i>For >100 To 250, Deduct</i>	-0.22	
			<i>For >250 To 500, Deduct</i>	-0.45	
			<i>For >500, Deduct</i>	-0.67	
			<i>For Each LF Shade Cloth, Add</i>	2.55	
01 56 26 00-0021	LF		Temporary 8' High Chain Link Fence And Posts, >18 Months	11.53	
			<i>For >100 To 250, Deduct</i>	-0.38	
			<i>For >250 To 500, Deduct</i>	-0.76	
			<i>For >500, Deduct</i>	-1.14	
			<i>For Each LF Shade Cloth, Add</i>	3.60	
01 56 26 00-0022	LF		Temporary 10' High Chain Link Fence And Posts, >18 Months.....	26.91	
			<i>For >100 To 250, Deduct</i>	-1.13	
			<i>For >250 To 500, Deduct</i>	-2.26	
			<i>For >500, Deduct</i>	-3.38	
			<i>For Each LF Shade Cloth, Add</i>	4.75	
01 56 26 00-0023			Temporary Chain Link Fence Gates (01 56 26 00-0001)		
			Note: Includes delivery, set-up (driving posts) and removal. Excludes auguring/drilling for posts. See CSI section 02 41 19 13-0024 for core drilling in asphalt or concrete, 32 31 13 13-0001 for augering and backfill of posts.		
01 56 26 00-0024			Temporary Chain Link Fence Gates, Up To 6 Months (01 56 26 00-0023)		
01 56 26 00-0025			4' High, Temporary Chain Link Fence Gates, Up To 6 Months (01 56 26 00-0024)		
01 56 26 00-0026	EA		4' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	252.19	
			<i>For Each LF Shade Cloth, Add</i>	14.23	
01 56 26 00-0027	EA		10' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	427.91	
			<i>For Each LF Shade Cloth, Add</i>	35.57	
01 56 26 00-0028	EA		12' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	479.30	
			<i>For Each LF Shade Cloth, Add</i>	42.68	

01 General Requirements
01 50 Temporary Facilities and Controls
01 56 Temporary Barriers and Enclosures

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 56 26 00-0029	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	545.47	
		<i>For Each LF Shade Cloth, Add</i>	53.35	
01 56 26 00-0030	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	653.58	
		<i>For Each LF Shade Cloth, Add</i>	71.14	
01 56 26 00-0031	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	727.26	
		<i>For Each LF Shade Cloth, Add</i>	85.36	
01 56 26 00-0032		6' High, Temporary Chain Link Fence Gates, Up To 6 Months (01 56 26 00-0024)		
01 56 26 00-0033	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	269.90	
		<i>For Each LF Shade Cloth, Add</i>	22.67	
01 56 26 00-0034	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	461.93	
		<i>For Each LF Shade Cloth, Add</i>	56.69	
01 56 26 00-0035	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	518.52	
		<i>For Each LF Shade Cloth, Add</i>	68.02	
01 56 26 00-0036	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	600.62	
		<i>For Each LF Shade Cloth, Add</i>	85.03	
01 56 26 00-0037	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	726.14	
		<i>For Each LF Shade Cloth, Add</i>	113.37	
01 56 26 00-0038	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	823.50	
		<i>For Each LF Shade Cloth, Add</i>	136.05	
01 56 26 00-0039		8' High, Temporary Chain Link Fence Gates, Up To 6 Months (01 56 26 00-0024)		
01 56 26 00-0040	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	301.31	
		<i>For Each LF Shade Cloth, Add</i>	32.01	
01 56 26 00-0041	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	529.09	
		<i>For Shade Cloth, Add</i>	80.03	
01 56 26 00-0042	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	591.91	
		<i>For Shade Cloth, Add</i>	96.03	
01 56 26 00-0043	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	677.45	
		<i>For Shade Cloth, Add</i>	120.04	
01 56 26 00-0044	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	827.93	
		<i>For Shade Cloth, Add</i>	160.06	
01 56 26 00-0045	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	960.05	
		<i>For Shade Cloth, Add</i>	192.07	
01 56 26 00-0046		10' High, Temporary Chain Link Fence Gates, Up To 6 Months (01 56 26 00-0024)		
01 56 26 00-0047	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	365.23	
		<i>For Each LF Shade Cloth, Add</i>	42.24	
01 56 26 00-0048	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	634.86	
		<i>For Each LF Shade Cloth, Add</i>	105.59	
01 56 26 00-0049	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	711.66	
		<i>For Each LF Shade Cloth, Add</i>	126.71	
01 56 26 00-0050	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	813.31	
		<i>For Each LF Shade Cloth, Add</i>	158.39	
01 56 26 00-0051	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	994.22	
		<i>For Each LF Shade Cloth, Add</i>	211.18	
01 56 26 00-0052	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	1,147.64	
		<i>For Each LF Shade Cloth, Add</i>	253.42	
01 56 26 00-0053		Temporary Chain Link Fence Gates, >6 To 12 Months (01 56 26 00-0023)		
01 56 26 00-0054		4' High, Temporary Chain Link Fence Gates, >6 To 12 Months (01 56 26 00-0053)		
01 56 26 00-0055	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	261.72	
		<i>For Each LF Shade Cloth, Add</i>	14.23	
01 56 26 00-0056	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	442.73	
		<i>For Each LF Shade Cloth, Add</i>	35.57	
01 56 26 00-0057	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	496.24	
		<i>For Each LF Shade Cloth, Add</i>	42.68	
01 56 26 00-0058	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	564.53	
		<i>For Each LF Shade Cloth, Add</i>	53.35	
01 56 26 00-0059	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	676.87	
		<i>For Each LF Shade Cloth, Add</i>	71.14	
01 56 26 00-0060	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	752.67	
		<i>For Each LF Shade Cloth, Add</i>	85.36	
01 56 26 00-0061		6' High, Temporary Chain Link Fence Gates, >6 To 12 Months (01 56 26 00-0053)		
01 56 26 00-0062	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	279.86	
		<i>For Each LF Shade Cloth, Add</i>	22.67	
01 56 26 00-0063	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	477.42	
		<i>For Each LF Shade Cloth, Add</i>	56.69	
01 56 26 00-0064	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	536.23	
		<i>For Each LF Shade Cloth, Add</i>	68.02	
01 56 26 00-0065	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	620.54	
		<i>For Each LF Shade Cloth, Add</i>	85.03	
01 56 26 00-0066	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	750.49	
		<i>For Each LF Shade Cloth, Add</i>	113.37	
01 56 26 00-0067	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	850.06	
		<i>For Each LF Shade Cloth, Add</i>	136.05	
01 56 26 00-0068		8' High, Temporary Chain Link Fence Gates, >6 To 12 Months (01 56 26 00-0053)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0069	EA		4' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	312.27 32.01	
01 56 26 00-0070	EA		10' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Shade Cloth, Add</i>	546.13 80.03	
01 56 26 00-0071	EA		12' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Shade Cloth, Add</i>	611.39 96.03	
01 56 26 00-0072	EA		15' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Shade Cloth, Add</i>	699.36 120.04	
01 56 26 00-0073	EA		20' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Shade Cloth, Add</i>	854.71 160.06	
01 56 26 00-0074	EA		24' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Shade Cloth, Add</i>	989.27 192.07	
01 56 26 00-0075			10' High, Temporary Chain Link Fence Gates, >6 To 12 Months (01 56 26 00-0075)		
01 56 26 00-0076	EA		4' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	378.92 42.24	
01 56 26 00-0077	EA		10' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	656.16 105.59	
01 56 26 00-0078	EA		12' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	736.01 126.71	
01 56 26 00-0079	EA		15' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	840.70 158.39	
01 56 26 00-0080	EA		20' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	1,027.69 211.18	
01 56 26 00-0081	EA		24' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	1,184.17 253.42	
01 56 26 00-0082			Temporary Chain Link Fence Gates, >12 To 18 Months (01 56 26 00-0082)		
01 56 26 00-0083			4' High, Temporary Chain Link Fence Gates, >12 To 18 Months (01 56 26 00-0083)		
01 56 26 00-0084	EA		4' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	271.72 14.23	
01 56 26 00-0085	EA		10' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	458.29 35.57	
01 56 26 00-0086	EA		12' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	514.02 42.68	
01 56 26 00-0087	EA		15' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	584.53 53.35	
01 56 26 00-0088	EA		20' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	701.32 71.14	
01 56 26 00-0089	EA		24' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	779.35 85.36	
01 56 26 00-0090			6' High, Temporary Chain Link Fence Gates, >12 To 18 Months (01 56 26 00-0090)		
01 56 26 00-0091	EA		4' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	290.32 22.67	
01 56 26 00-0092	EA		10' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	493.69 56.69	
01 56 26 00-0093	EA		12' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	554.82 68.02	
01 56 26 00-0094	EA		15' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	641.45 85.03	
01 56 26 00-0095	EA		20' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	776.05 113.37	
01 56 26 00-0096	EA		24' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	877.94 136.05	
01 56 26 00-0097			8' High, Temporary Chain Link Fence Gates, >12 To 18 Months (01 56 26 00-0097)		
01 56 26 00-0098	EA		4' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	323.77 32.01	
01 56 26 00-0099	EA		10' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Shade Cloth, Add</i>	564.03 80.03	
01 56 26 00-0100	EA		12' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Shade Cloth, Add</i>	631.84 96.03	
01 56 26 00-0101	EA		15' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Shade Cloth, Add</i>	722.37 120.04	
01 56 26 00-0102	EA		20' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Shade Cloth, Add</i>	882.83 160.06	
01 56 26 00-0103	EA		24' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Shade Cloth, Add</i>	1,019.95 192.07	
01 56 26 00-0104			10' High, Temporary Chain Link Fence Gates, >12 To 18 Months (01 56 26 00-0104)		
01 56 26 00-0105	EA		4' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	393.30 42.24	
01 56 26 00-0106	EA		10' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	678.53 105.59	
01 56 26 00-0107	EA		12' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	761.57 126.71	
01 56 26 00-0108	EA		15' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	869.46 158.39	
01 56 26 00-0109	EA		20' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	1,062.84 211.18	

01 General Requirements
01 50 Temporary Facilities and Controls
01 56 Temporary Barriers and Enclosures

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 56 26 00-0110	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,222.51
		<i>For Each LF Shade Cloth, Add</i>	253.42
01 56 26 00-0111		Temporary Chain Link Fence Gates, >18 Months (01 56 26 00-0023)	
01 56 26 00-0112		4' High, Temporary Chain Link Fence Gates, >18 Months (01 56 26 00-0111)	
01 56 26 00-0113	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	281.72
		<i>For Each LF Shade Cloth, Add</i>	14.23
01 56 26 00-0114	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	473.85
		<i>For Each LF Shade Cloth, Add</i>	35.57
01 56 26 00-0115	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	531.81
		<i>For Each LF Shade Cloth, Add</i>	42.68
01 56 26 00-0116	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	604.54
		<i>For Each LF Shade Cloth, Add</i>	53.35
01 56 26 00-0117	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	725.77
		<i>For Each LF Shade Cloth, Add</i>	71.14
01 56 26 00-0118	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	806.02
		<i>For Each LF Shade Cloth, Add</i>	85.36
01 56 26 00-0119		6' High, Temporary Chain Link Fence Gates, >18 Months (01 56 26 00-0111)	
01 56 26 00-0120	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	300.78
		<i>For Each LF Shade Cloth, Add</i>	22.67
01 56 26 00-0121	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	509.96
		<i>For Each LF Shade Cloth, Add</i>	56.69
01 56 26 00-0122	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	573.41
		<i>For Each LF Shade Cloth, Add</i>	68.02
01 56 26 00-0123	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	662.37
		<i>For Each LF Shade Cloth, Add</i>	85.03
01 56 26 00-0124	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	801.62
		<i>For Each LF Shade Cloth, Add</i>	113.37
01 56 26 00-0125	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	905.83
		<i>For Each LF Shade Cloth, Add</i>	136.05
01 56 26 00-0126		8' High, Temporary Chain Link Fence Gates, >18 Months (01 56 26 00-0111)	
01 56 26 00-0127	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	335.28
		<i>For Each LF Shade Cloth, Add</i>	32.01
01 56 26 00-0128	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	581.92
		<i>For Shade Cloth, Add</i>	80.03
01 56 26 00-0129	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	652.30
		<i>For Shade Cloth, Add</i>	96.03
01 56 26 00-0130	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	745.38
		<i>For Shade Cloth, Add</i>	120.04
01 56 26 00-0131	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	910.95
		<i>For Shade Cloth, Add</i>	160.06
01 56 26 00-0132	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	1,050.62
		<i>For Shade Cloth, Add</i>	192.07
01 56 26 00-0133		10' High, Temporary Chain Link Fence Gates, >18 Months (01 56 26 00-0111)	
01 56 26 00-0134	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	407.68
		<i>For Each LF Shade Cloth, Add</i>	42.24
01 56 26 00-0135	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	700.90
		<i>For Each LF Shade Cloth, Add</i>	105.59
01 56 26 00-0136	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	787.14
		<i>For Each LF Shade Cloth, Add</i>	126.71
01 56 26 00-0137	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	898.22
		<i>For Each LF Shade Cloth, Add</i>	158.39
01 56 26 00-0138	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	1,098.00
		<i>For Each LF Shade Cloth, Add</i>	211.18
01 56 26 00-0139	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	1,260.86
		<i>For Each LF Shade Cloth, Add</i>	253.42
01 56 26 00-0140		Temporary Chain Link Fence Panels (Portable) (01 56 26 00-0001)	
		Note: Includes delivery, set-up and removal. Excludes sandbags.	
01 56 26 00-0141		Temporary Chain Link Fence Panels (Portable), Up To 6 Months (01 56 26 00-0140)	
01 56 26 00-0142	LF	Temporary 4' High Chain Link Fence Panels (Portable), Up To 6 Months	6.87
		<i>For >100 To 250, Deduct</i>	-0.18
		<i>For >250 To 500, Deduct</i>	-0.36
		<i>For >500, Deduct</i>	-0.54
		<i>For Each LF Shade Cloth, Add</i>	1.60
01 56 26 00-0143	LF	Temporary 6' High Chain Link Fence Panels (Portable), Up To 6 Months	7.62
		<i>For >100 To 250, Deduct</i>	-0.20
		<i>For >250 To 500, Deduct</i>	-0.40
		<i>For >500, Deduct</i>	-0.60
		<i>For Each LF Shade Cloth, Add</i>	2.55
01 56 26 00-0144	LF	Temporary 8' High Chain Link Fence Panels (Portable), Up To 6 Months	10.42
		<i>For >100 To 250, Deduct</i>	-0.32
		<i>For >250 To 500, Deduct</i>	-0.65
		<i>For >500, Deduct</i>	-0.97
		<i>For Each LF Shade Cloth, Add</i>	3.60
01 56 26 00-0145		Temporary Chain Link Fence Panels (Portable), >6 To 12 Months (01 56 26 00-0140)	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 56 26 00-0146	LF Temporary 4' High Chain Link Fence Panels (Portable), >6 To 12 Months	7.18	
	<i>For >100 To 250, Deduct</i>	-0.19	
	<i>For >250 To 500, Deduct</i>	-0.39	
	<i>For >500, Deduct</i>	-0.58	
	<i>For Each LF Shade Cloth, Add</i>	1.60	
01 56 26 00-0147	LF Temporary 6' High Chain Link Fence Panels (Portable), >6 To 12 Months	7.96	
	<i>For >100 To 250, Deduct</i>	-0.22	
	<i>For >250 To 500, Deduct</i>	-0.44	
	<i>For >500, Deduct</i>	-0.65	
	<i>For Each LF Shade Cloth, Add</i>	2.55	
01 56 26 00-0148	LF Temporary 8' High Chain Link Fence Panels (Portable), >6 To 12 Months	10.98	
	<i>For >100 To 250, Deduct</i>	-0.35	
	<i>For >250 To 500, Deduct</i>	-0.70	
	<i>For >500, Deduct</i>	-1.05	
	<i>For Each LF Shade Cloth, Add</i>	3.60	
01 56 26 00-0149	Temporary Chain Link Fence Panels (Portable), >12 To 18 Months <small>(01 56 26 00-0140)</small>		
01 56 26 00-0150	LF Temporary 4' High Chain Link Fence Panels (Portable), >12 To 18 Months	7.48	
	<i>For >100 To 250, Deduct</i>	-0.21	
	<i>For >250 To 500, Deduct</i>	-0.42	
	<i>For >500, Deduct</i>	-0.63	
	<i>For Each LF Shade Cloth, Add</i>	1.60	
01 56 26 00-0151	LF Temporary 6' High Chain Link Fence Panels (Portable), >12 To 18 Months	8.34	
	<i>For >100 To 250, Deduct</i>	-0.24	
	<i>For >250 To 500, Deduct</i>	-0.47	
	<i>For >500, Deduct</i>	-0.71	
	<i>For Each LF Shade Cloth, Add</i>	2.55	
01 56 26 00-0152	LF Temporary 8' High Chain Link Fence Panels (Portable), >12 To 18 Months	11.62	
	<i>For >100 To 250, Deduct</i>	-0.38	
	<i>For >250 To 500, Deduct</i>	-0.77	
	<i>For >500, Deduct</i>	-1.15	
	<i>For Each LF Shade Cloth, Add</i>	3.60	
01 56 26 00-0153	Temporary Chain Link Fence Panels (Portable), >18 Months <small>(01 56 26 00-0140)</small>		
01 56 26 00-0154	LF Temporary 4' High Chain Link Fence Panels (Portable), >18 Months	7.87	
	<i>For >100 To 250, Deduct</i>	-0.23	
	<i>For >250 To 500, Deduct</i>	-0.46	
	<i>For >500, Deduct</i>	-0.69	
	<i>For Each LF Shade Cloth, Add</i>	1.60	
01 56 26 00-0155	LF Temporary 6' High Chain Link Fence Panels (Portable), >18 Months	8.72	
	<i>For >100 To 250, Deduct</i>	-0.26	
	<i>For >250 To 500, Deduct</i>	-0.51	
	<i>For >500, Deduct</i>	-0.77	
	<i>For Each LF Shade Cloth, Add</i>	2.55	
01 56 26 00-0156	LF Temporary 8' High Chain Link Fence Panels (Portable), >18 Months	12.28	
	<i>For >100 To 250, Deduct</i>	-0.42	
	<i>For >250 To 500, Deduct</i>	-0.83	
	<i>For >500, Deduct</i>	-1.25	
	<i>For Each LF Shade Cloth, Add</i>	3.60	
01 56 26 00-0157	Temporary Chain Link Fence Panels (Portable) Sandbags <small>(01 56 26 00-0140)</small>		
01 56 26 00-0158	BAG Temporary Chain Link Fence Panels (Portable) Sandbag..... Note: Includes placement and removal.	6.30	
01 56 26 00-0159	Relocate Chain Link Fence, Gates And Panels <small>(01 56 26 00-0001)</small> Note: Excludes auguring/drilling for posts.		
01 56 26 00-0160	Relocate Temporary Chain Link Fence On Site <small>(01 56 26 00-0159)</small>		
01 56 26 00-0161	LF Relocate Temporary 4' High Chain Link Fence And Posts	3.51	
01 56 26 00-0162	LF Relocate Temporary 6' High Chain Link Fence And Posts	5.26	
01 56 26 00-0163	LF Relocate Temporary 8' High Chain Link Fence And Posts	7.61	
01 56 26 00-0164	LF Relocate Temporary 10' High Chain Link Fence And Posts	9.37	
01 56 26 00-0165	Relocate Temporary Chain Link Fence Panels On Site <small>(01 56 26 00-0159)</small>		
01 56 26 00-0166	LF Relocate Temporary 4' High Chain Link Fence Panel, Self Standing	0.82	
01 56 26 00-0167	LF Relocate Temporary 6' High Chain Link Fence Panel, Self Standing	0.98	
01 56 26 00-0168	LF Relocate Temporary 8' High Chain Link Fence Panel, Self Standing	1.11	
01 56 26 00-0169	Relocate Temporary Chain Link Gates On Site <small>(01 56 26 00-0159)</small>		
01 56 26 00-0170	EA Relocate Temporary 4' High Chain Link Vehicle Gate And Posts.....	106.84	
01 56 26 00-0171	EA Relocate Temporary 6' High Chain Link Vehicle Gate And Posts.....	123.27	
01 56 26 00-0172	EA Relocate Temporary 8' High Chain Link Vehicle Gate And Posts.....	152.04	
01 56 26 00-0173	EA Relocate Temporary 10' High Chain Link Vehicle Gate And Posts.....	164.37	
01 56 26 00-0174	Temporary Safety Fence <small>(01 56 26)</small> Note: Includes removal after use.		
01 56 26 00-0175	LF 48" High With Posts At 8' On Center, Plastic Mesh Temporary Safety Fence	3.26	
01 56 29	Temporary Protective Walkways <small>(01 56)</small>		

01 General Requirements**01 50 Temporary Facilities and Controls****01 56 Temporary Barriers and Enclosures**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

01 56 29 00-0001	Temporary Sidewalk Bridge Protection (01 56 29)		
01 56 29 00-0002	Installation of Sidewalk Bridge (01 56 29 00-0001)		
01 56 29 00-0003	LF Installation of Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly .....168.56 Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system. For 3 Post System, Add 6.00 For Each Additional Foot Over 8' Wide, Add 3.00 For Each Additional Foot Over 8' High, Add 2.00		
01 56 29 00-0004	LF Installation of Netting for Sidewalk Bridge.....4.29		
01 56 29 00-0005	Monthly Rental of Sidewalk Bridge (01 56 29 00-0001)		
01 56 29 00-0006	LF Monthly Rental Of Up To 8' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....14.40 Note: Includes spanning openings, planking and parapet, lighting and maintenance. For 3 Post System, Add 2.16		
01 56 29 00-0007	LF Monthly Rental Of Up To 8' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....16.22 Note: Includes spanning openings, planking and parapet, lighting and maintenance. For 3 Post System, Add 2.43		
01 56 29 00-0008	LF Monthly Rental Of Up To 8' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....18.02 Note: Includes spanning openings, planking and parapet, lighting and maintenance. For 3 Post System, Add 2.70		
01 56 29 00-0009	LF Monthly Rental Of 8' - 12' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....18.02 Note: Includes spanning openings, planking and parapet, lighting and maintenance. For 3 Post System, Add 2.70		
01 56 29 00-0010	LF Monthly Rental Of 8' - 12' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....19.81 Note: Includes spanning openings, planking and parapet, lighting and maintenance. For 3 Post System, Add 2.97		
01 56 29 00-0011	LF Monthly Rental Of 8' - 12' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....23.44 Note: Includes spanning openings, planking and parapet, lighting and maintenance. For 3 Post System, Add 3.52		
01 56 29 00-0012	LF Monthly Rental Of Over 12' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....21.64 Note: Includes spanning openings, planking and parapet, lighting and maintenance. For 3 Post System, Add 3.25		
01 56 29 00-0013	LF Monthly Rental Of Over 12' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....25.24 Note: Includes spanning openings, planking and parapet, lighting and maintenance. For 3 Post System, Add 3.79		
01 56 29 00-0014	LF Monthly Rental Of Over 12' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....27.01 Note: Includes spanning openings, planking and parapet, lighting and maintenance. For 3 Post System, Add 4.05		
01 56 29 00-0015	LF Monthly Rental of Netting for Sidewalk Bridge.....2.70		
01 56 29 00-0016	Removal of Sidewalk Bridge (01 56 29 00-0001)		
01 56 29 00-0017	LF Removal Of Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly .....35.08 Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system. For 3 Post System, Add 2.50 For Each Additional Foot Over 8' Wide, Add 1.25 For Each Additional Foot Over 8' High, Add 0.75		
01 56 29 00-0018	LF Removal Of Netting For Sidewalk Bridge.....2.15		
01 56 29 00-0019	Temporary Safety Nets (01 56 29)		
01 56 29 00-0020	SF Small Mesh Debris Netting .....2.11 Note: Includes 3" molded plastic base plates, plastic cable ties, and 1/4", 7x9 aircraft cable tied off to structure, not including anchors.		
01 56 33	Temporary Security Barriers (01 56)		
01 56 33 00-0001	Board-up Opening With Plywood (01 56 33)		
01 56 33 00-0002	OPNG Removal Of Protective Barrier To Allow Work In Building, Reseal At End Of Day, Per Opening Per Day.....12.33		
01 56 33 00-0003	SF 5/8" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners, For Board-Up Opening .....7.79		
01 56 33 00-0004	SF 3/4" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners, For Board-Up Opening .....9.04		
01 56 33 00-0005	Temporary Pedestrian Barricade (01 56 33)		
01 56 33 00-0006	DAY 3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental.....13.52		
01 56 33 00-0007	WK 3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental.....32.83		
01 56 33 00-0008	MO 3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental.....98.50		
01 56 39	Temporary Tree and Plant Protection (01 56)		
01 56 39 00-0001	Temporary Tree Guards (01 56 39) Note: Includes digging holes and removal after use.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 56 39 00-0002	EA		Up To 4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail.....	184.07	
01 56 39 00-0003	EA		4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail.....	219.59	
01 56 39 00-0004	EA		6' x 6' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail.....	238.94	

01 57 Temporary Controls (01 50)

01 57 13 Temporary Erosion and Sediment Control (01 57)

See CSI section 31 25 00 00-0000 for temporary erosion and sediment control.

01 57 23 Temporary Storm Water Pollution Control (01 57)

See CSI section 31 25 00 00-0000 for temporary storm water pollution control.

01 57 23 00-0001 Temporary Drain Guard (01 57 23)

Note: Includes removal after use.

01 57 23 00-0002	EA		36" x 48" x 18" Non-Woven Polypropylene Trash and Debris Drain Guard (Ultra-Drain Guard® 9227).....	103.17	
01 57 23 00-0003	EA		36" x 48" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9217).....	101.18	
			Note: Up to 0.87 gallons oil, up to 40 lbs sediment.		
01 57 23 00-0004	EA		36" x 48" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9219).....	129.17	
			Note: Up to 1.38 gallons oil, up to 40 lbs sediment.		
01 57 23 00-0005	EA		60" x 60" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9356).....	127.16	
			Note: Up to 1.55 gallons oil, up to 40 lbs sediment.		
01 57 23 00-0006	EA		60" x 60" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9358).....	157.15	
			Note: Up to 2.06 gallons oil, up to 40 lbs sediment.		

01 58 Project Identification (01 50)

Note: Includes removal after use.

01 58 13 Temporary Project Signage (01 58)

01 58 13 00-0001 Project Sign (01 58 13)

01 58 13 00-0002 MDO Plywood Signs (01 58 13 00-0001)

Note: Excludes posts.

01 58 13 00-0003 Reflectorized, MDO Plywood Signs (01 58 13 00-0002)

01 58 13 00-0004 Engineer Grade, Reflectorized, MDO Plywood Signs (01 58 13 00-0003)

01 58 13 00-0005	EA		Up To 8 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign.....	164.92	22.61
			For High-Intensity Grade, Add	41.90	
			For Diamond Grade, Add	80.80	
01 58 13 00-0006	EA		>8 To 16 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign.....	286.68	23.63
			For High-Intensity Grade, Add	83.80	
			For Diamond Grade, Add	161.61	
01 58 13 00-0007	EA		>16 To 24 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign.....	408.45	24.65
			For High-Intensity Grade, Add	125.70	
			For Diamond Grade, Add	242.41	
01 58 13 00-0008	EA		>24 To 32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign.....	530.22	25.69
			For High-Intensity Grade, Add	167.59	
			For Diamond Grade, Add	323.22	
01 58 13 00-0009	SF		>32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign.....	16.61	0.82
			For High-Intensity Grade, Add	5.24	
			For Diamond Grade, Add	10.10	

01 58 13 00-0010 Non-Reflectorized, MDO Plywood Signs (01 58 13 00-0002)

01 58 13 00-0011 One Or Two Color Design, Non-Reflectorized, MDO Plywood Signs (01 58 13 00-0010)

01 58 13 00-0012	EA		Up To 8 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign.....	207.62	22.61
01 58 13 00-0013	EA		>8 To 16 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign.....	248.44	23.63
01 58 13 00-0014	EA		>16 To 24 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign.....	312.32	24.65
01 58 13 00-0015	EA		>24 To 32 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign.....	372.63	25.69
01 58 13 00-0016	SF		>32 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign.....	11.69	0.82

01 58 13 00-0017 Full Color Design, Non-Reflectorized, MDO Plywood Signs (01 58 13 00-0010)

01 58 13 00-0018	EA		Up To 8 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign.....	212.20	22.61
01 58 13 00-0019	EA		>8 To 16 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign.....	273.09	23.63
01 58 13 00-0020	EA		>16 To 24 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign.....	337.37	24.65
01 58 13 00-0021	EA		>24 To 32 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign.....	394.10	25.69
01 58 13 00-0022	SF		>32 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign.....	12.36	0.82

01 58 13 00-0023 Fabricate And Install New Posts (01 58 13 00-0001)

Note: Includes excavation, backfill and compaction. Excludes core drilling.

01 58 13 00-0024	LF		Galvanized Metal Channel Sign Posts.....	16.99	
01 58 13 00-0025	LF		4" x 4" Pressure Treated Wood Sign Posts.....	12.93	
01 58 13 00-0026	LF		4" x 6" Pressure Treated Wood Sign Posts.....	15.73	

01 58 13 00-0027 Owner Supplied Signs (01 58 13 00-0001)

01 58 13 00-0028	EA		Installation And Removal Of Owner Supplied Project Sign.....	82.19	
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01	01	General Requirements
	01 60	Product Requirements
	01 58	Project Identification



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 60 Product Requirements ⁽⁰¹⁾

01 66 Product Storage and Handling Requirements ^(01 60)

01 66 19 Product Handling Requirements ^(01 66)

Note: Not for use in conjunction with other tasks when the distance is less than 2 stories or less than 125'.

01 66 19 00-0001		Transfer Delivered Materials Between Floors ^(01 66 19)	
		Note: For moving delivered, owner supplied or existing materials in a building.	
01 66 19 00-0002	CY	Transfer Delivered Material Between Floors Via Stairs, Per Floor	15.81
		Note: Quantity equals volume of materials multiplied by number of floors traveled.	
01 66 19 00-0003	CY	Transfer Delivered Material Between Floors Via Elevator, Per Trip	10.28
		Note: Quantity is not multiplied by number of floors traveled. Includes transfer of materials between elevators, if more than one bank of elevators is required.	
01 66 19 00-0004	CY	Transfer Delivered Material Between Floors Via Freight Elevator, Per Trip	14.96
		Note: Quantity is not multiplied by number of floors traveled. Includes transfer of materials between elevators, if more than one bank of elevators is required.	
01 66 19 00-0005		Transfer Delivered Materials Distances Greater Than 125' ^(01 66 19)	
		Note: For moving delivered, owner supplied or existing materials in a building.	
01 66 19 00-0006	CY	Transfer Delivered Materials Distances Greater Than 125', Per CY Of Material Per 125'	6.42
01 66 19 00-0007	CY	Transfer Delivered Material With 2 CY Cart Greater Than 125', Per CY Of Material Per 125'	12.84
		Note: For delivery, demo or miscellaneous moving required by owner. Includes wrapping of cart and two person for movement.	
01 66 19 00-0008		Transfer Demolition Debris Between Floors ^(01 66 19)	
		Note: Only for use with demolition tasks.	
01 66 19 00-0009	CY	Transfer Demolition Debris Between Floors Via Stairs, Per Floor	15.81
		Note: Quantity equals material volume times bulk factor times number of floors traveled.	
01 66 19 00-0010	CY	Transfer Demolition Debris Between Floors Via Elevator, Per Trip	10.28
		Note: Quantity is not multiplied by number of floors traveled. Includes transfer of materials between elevators, if more than one bank of elevators is required.	
01 66 19 00-0011	CY	Rubbish Handling Via Freight Elevator, Per CY Of Material Per Trip	13.48
01 66 19 00-0012		Transfer Demolition Debris Distances Greater Than 125' ^(01 66 19)	
		Note: Only for use with demolition tasks.	
01 66 19 00-0013	CY	Transfer Demolition Debris Distances Greater Than 125', Per CY Of Material Per 125'	6.42
01 66 19 00-0014		Moving Furniture And Furnishings ^(01 66 19)	
		Note: To be used when contractor is required to move furniture and furnishings occupying 55% or more of the total floor space.	
01 66 19 00-0015	SF	Removal, Transportation, Return And Reinstallation Of Office Furniture And Furnishings	1.02
		Note: Includes desks, tables, file cabinets, chairs, storage boxes, bookshelves, office equipment, computers, and other furniture and furnishings. Quantity equals total floor space.	

01 70 Execution and Closeout Requirements ⁽⁰¹⁾

01 71 Examination and Preparation ^(01 70)

01 71 13 Mobilization ^(01 71)

01 71 13 00-0001		Equipment Delivery, Pickup, Mobilization And Demobilization ^(01 71 13)	
		Note: Excludes flagman for traffic control where necessary.	
01 71 13 00-0002	EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck	451.42
		Note: Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom man lifts with up to 40' boom lengths, etc.	
01 71 13 00-0003	EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed	1,488.71
		Note: Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom man lifts with >40' boom lengths, etc.	
01 71 13 00-0004		Crane Delivery, Pickup, Mobilization And Demobilization ^(01 71 13)	
		Note: Includes delivery of equipment, off loading on site and rigging. Pick-up (return) includes dismantling, loading and transporting away. Excludes flagman for traffic control where necessary.	
01 71 13 00-0005	EA	Up To 20 Ton Lift Move On/Off Cost, Hydraulic Crane	481.51
		Note: Includes delivery and pickup.	
		For >30 To 60 Miles Radius, Add	120.38
		For >60 To 100 Miles Radius, Add	192.60
01 71 13 00-0006	EA	>20 To 40 Ton Lift Move On/Off Cost, Hydraulic Crane	782.46
		Note: Includes delivery and pickup.	
		For >30 To 60 Miles Radius, Add	195.62
		For >60 To 100 Miles Radius, Add	312.98
01 71 13 00-0007	EA	>40 To 70 Ton Lift Move On/Off Cost, Hydraulic Crane	1,083.41
		Note: Includes delivery and pickup.	
		For >30 To 60 Miles Radius, Add	270.85
		For >60 To 100 Miles Radius, Add	433.36

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 71 13 00-008	EA	>70 To 110 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	1,745.50	
		For >30 To 60 Miles Radius, Add	436.38	
		For >60 To 100 Miles Radius, Add	698.20	
01 71 13 00-009	EA	>110 To 125 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	2,190.90	
		For >30 To 60 Miles Radius, Add	547.73	
		For >60 To 100 Miles Radius, Add	876.36	
01 71 13 00-010	EA	>125 To 150 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	2,726.59	
		For >30 To 60 Miles Radius, Add	681.65	
		For >60 To 100 Miles Radius, Add	1,090.64	
01 71 13 00-011	EA	>150 To 185 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	3,141.89	
		For >30 To 60 Miles Radius, Add	785.47	
		For >60 To 100 Miles Radius, Add	1,256.76	
01 71 13 00-012	EA	>185 To 210 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	3,515.07	
		For >30 To 60 Miles Radius, Add	878.77	
		For >60 To 100 Miles Radius, Add	1,406.03	
01 71 13 00-013	EA	75 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	1,865.88	
		For >30 To 60 Miles Radius, Add	466.47	
		For >60 To 100 Miles Radius, Add	746.35	
01 71 13 00-014	EA	100 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	2,949.29	
		For >30 To 60 Miles Radius, Add	737.32	
		For >60 To 100 Miles Radius, Add	1,179.72	
01 71 13 00-015	EA	125 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	3,731.75	
		For >30 To 60 Miles Radius, Add	932.94	
		For >60 To 100 Miles Radius, Add	1,492.70	
01 71 13 00-016	EA	150 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	4,634.60	
		For >30 To 60 Miles Radius, Add	1,158.65	
		For >60 To 100 Miles Radius, Add	1,853.84	
01 71 13 00-017	EA	200 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	5,778.20	
		For >30 To 60 Miles Radius, Add	1,444.55	
		For >60 To 100 Miles Radius, Add	2,311.28	
01 71 13 00-018	EA	250 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	6,741.23	
		For >30 To 60 Miles Radius, Add	1,685.31	
		For >60 To 100 Miles Radius, Add	2,696.49	
01 71 13 00-019	EA	300 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	9,630.33	
		For >30 To 60 Miles Radius, Add	2,407.58	
		For >60 To 100 Miles Radius, Add	3,852.13	
01 71 13 00-020	EA	500 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	13,205.58	
		For >30 To 60 Miles Radius, Add	3,301.40	
		For >60 To 100 Miles Radius, Add	5,282.23	

01 71 23 Field Engineering (01 71)
01 71 23 16 Construction Surveying (01 71 23)
01 71 23 16-0001 Conventional Topographic Survey (01 71 23 16)

Note: The professional services include AutoCAD drafting and certification. The survey includes location of structures, walks, drives, parking, significant vegetation, utilities, etc. The area within building footprint is not to be considered as part of the acreage.

01 71 23 16-0002	ACR	Conventional Topographic Survey Of Clear Area With Few To No Obstacles	1,196.86	
01 71 23 16-0003	ACR	Conventional Topographic Survey Of Clear Area With Medium Height Vegetation, Few Trees (<5% Buildings).....	3,320.27	
01 71 23 16-0004	ACR	Conventional Topographic Survey Of Clear Area With Few Structures, And/Or Wooded (5-25% Buildings)	4,771.24	
01 71 23 16-0005	ACR	Conventional Topographic Survey Of Developed Areas With Several Structures (25-65% Buildings).....	7,149.44	
01 71 23 16-0006	ACR	Conventional Topographic Survey Of Highly Developed Areas, Sidewalks, Etcetera (>65% Buildings)	8,941.35	

01 71 23 16-0007 Property Lines Survey (01 71 23 16)

Note: Not to be added to tasks in the "Conventional Topographic Survey" section.

01 71 23 16-0008	LF	Survey Property Lines On Cleared Land	2.62	
01 71 23 16-0009	LF	Survey Property Lines On Slightly Wooded Land	3.03	
01 71 23 16-0010	LF	Survey Property Lines On Wooded Land	3.54	

01 71 23 16-0011 Survey Monument (01 71 23 16)

01 71 23 16-0012	EA	3' Precast Survey Monument.....	191.16	
		For Owner Furnished Monument, Deduct	-73.89	
01 71 23 16-0013	EA	Precast Survey Monument Box With Cast Iron Frame And Cover.....	286.99	
01 71 23 16-0014	EA	Riser Ring For Survey Monument.....	148.67	
01 71 23 16-0015	EA	Adjust Survey Monument Cover To Grade	221.66	

01 71 23 16-0016 Facade Surveying (01 71 23 16)

01 71 23 16-0017	LF	Facade Survey And Reports (LF Of Facade x Number Of Floors)	7.18	
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01 71 36 Non-Destructive Concrete Examination (01 71)

01	General Requirements
01 70	Execution and Closeout Requirements
01 71	Examination and Preparation

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 71 36 00-0001			Electromagnetic Survey (01 71 36) Note: To locate voids, prior to moving heavy machinery to an area of concern, to locate reinforcing bars, conduits, pipes, etc., prior to core drilling or cutting existing concrete, masonry or asphalt, to locate underground utilities, underground storage tanks, etc. Electromagnetic survey includes Subsurface Interface Radar (SIR) and/or Ground Penetrating Radar (GPR).		
01 71 36 00-0002			Electromagnetic (SIR/GPR) Survey (01 71 36 00-0001)		
01 71 36 00-0003	EA		Up To 1 Hour On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt.....	1,080.30	
01 71 36 00-0004	EA		>1 To 4 Hours On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt.....	1,620.45	
01 71 36 00-0005	EA		>4 To 8 Hours On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt.....	3,240.90	
01 71 36 00-0006			Reports And Mapping For Electromagnetic (SIR/GPR) Surveys (01 71 36 00-0001)		
01 71 36 00-0007	EA		Standard Report For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt..... Note: Includes a detailed description of the scope of work, inspection methods, and equipment used. Also includes visuals such as site locations, images of data, and site photos.	360.10	
01 71 36 00-0008	EA		GPS Mapping Of Located Utilities/Items For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt..... Note: Includes GPS coordinates of located items and reference items.	720.20	
01 71 36 00-0009	EA		CAD Mapping Of Located Utilities/Items For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt..... Note: Includes additions to the owner provided CAD drawing.	1,620.45	

01 74 Cleaning and Waste Management (01 70)**01 74 13 Progress Cleaning** (01 74)

Note: For use on existing areas other than where actual work is to be performed where ordered by the owner. Daily cleanup and final cleanup is included in the contractor's adjustment factor.

01 74 13 00-0001			General (01 74 13)		
01 74 13 00-0002	CSF		Clean Miscellaneous Surfaces, Wipe Down With Mild Detergent.....	20.57	
01 74 13 00-0003	CY		Collect Existing Debris And Load Into Truck Or Dumpster Note: Per CY of debris removed.	24.10	
01 74 13 00-0004	CSF		Wet Mop, Disinfect And High Efficiency Particulate Air (HEPA) Vacuum Floors (Three Step Process) Note: For use in contained areas for Class III or IV infection control.	19.28	

01 74 16 Site Maintenance (01 74)

01 74 16 00-0001			Parking Lot, Roads And Pathway Maintenance (01 74 16) Note: These tasks shall be used for maintenance of existing roads and walks only as requested by the owner. Tasks not to be used in conjunction with related installation/demolition tasks in the Construction Task Catalog®.		
01 74 16 00-0002			Parking Lot, Road, And Street Sweeping (01 74 16 00-0001)		
01 74 16 00-0003	MSF		Sweep Parking Lot, With Street Sweeper.....	22.22	
01 74 16 00-0004	MSF		Sweeper/Vacuum/Sprayer For Parking Lots, Streets And Roads.....	26.67	

01 74 19 Construction Waste Management and Disposal (01 74)

Note: Tasks in this section shall be used as directed by owner.

01 74 19 00-0001			Debris Chutes (01 74 19) Note: Includes hopper sections and entry sections. Used as required for buildings of all heights.		
01 74 19 00-0002			Steel Temporary Debris Chutes (01 74 19 00-0001)		
01 74 19 00-0003	LF		18" Diameter, Steel Temporary Debris Chute.....	39.53	
01 74 19 00-0004	LF		30" Diameter, Steel Temporary Debris Chute.....	60.16	
01 74 19 00-0005			Plastic Temporary Debris Chutes (01 74 19 00-0001)		
01 74 19 00-0006	LF		24" Diameter, Plastic Temporary Debris Chute.....	15.65	
			<i>For Steel Liner, Add</i>	3.10	
01 74 19 00-0007	LF		30" Diameter, Plastic Temporary Debris Chute.....	17.95	
			<i>For Steel Liner, Add</i>	3.56	
01 74 19 00-0008	LF		36" Diameter, Plastic Temporary Debris Chute.....	20.23	
			<i>For Steel Liner, Add</i>	4.01	
01 74 19 00-0009			Wood Temporary Debris Chutes (01 74 19 00-0001)		
01 74 19 00-0010	LF		4' x 4', Wood Temporary Debris Chute..... Note: Includes fabrication and installation.	31.17	
01 74 19 00-0011			Construction Dumpsters Rental (01 74 19) Note: Includes service to delivery and pick-up of dumpster, hauling of debris, rental of dumpster and all applicable non-hazardous disposal fees. Cost of "each" is based on each pick-up. Use modifier for excess tons up to legal state limit. Unacceptable materials include: aerosol cans, all liquids, animals, antifreeze, appliances, asbestos, barrels, batteries, chemical products, computers, contaminated oils (mixed with solvents, gasoline, etc.), dirt, fluorescent tubes, hazardous waste, herbicides and pesticides, industrial waste, lubricating/hydraulic oil, mattresses, medical waste, microwaves, monitors, motor oil, oil filters, other flammable liquids, paint (except completely dried latex paint cans, no liquids), petroleum-contaminated soil/lead paint chips, propane tanks, radioactive material, railroad ties, solvents, televisions, tires, and transmission oil.		
01 74 19 00-0012	EA		10 CY Dumpster (1 Ton) "Construction Debris"..... Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	614.99	
			<i>For Each Ton Over Indicated Amount, Add</i>	95.00	
01 74 19 00-0013	EA		15 CY Dumpster (1.5 Ton) "Construction Debris"..... Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	644.99	
			<i>For Each Ton Over Indicated Amount, Add</i>	95.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 74 19 00-0014	EA	20 CY Dumpster (3 Ton) "Construction Debris".....	675.00
		Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	
		<i>For Each Ton Over Indicated Amount, Add</i>	95.00
01 74 19 00-0015	EA	30 CY Dumpster (4 Ton) "Construction Debris".....	719.99
		Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	
		<i>For Each Ton Over Indicated Amount, Add</i>	95.00
01 74 19 00-0016	EA	40 CY Dumpster (6 Ton) "Construction Debris".....	835.00
		Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	
		<i>For Each Ton Over Indicated Amount, Add</i>	95.00
01 74 19 00-0017	EA	10 CY Low-Boy Dumpster "Concrete Or Asphalt Only".....	732.41
		Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Concrete or asphalt only.	
01 74 19 00-0018	EA	15 CY Low-Boy Dumpster Clean Recyclable	799.21
		Note: For clean dirt, rock, concrete brick or asphalt with no trash or organics. Includes service to deliver and pick-up dumpster, hauling, rental and disposal fee.	
01 74 19 00-0019	EA	15 CY Low-Boy Dumpster Mixed Recyclable	858.85
		Note: For mixed dirt, rock, concrete brick or asphalt with no trash or organics. Includes service to deliver and pick-up dumpster, hauling, rental and disposal fee.	

01 74 19 00-0020 Concrete Washout Service (01 74 19)

01 74 19 00-0021	MO	Rampless Concrete Washout Bin	580.90
		Note: Includes delivery.	
01 74 19 00-0022	MO	Ramped Concrete Washout Bin	697.07
		Note: Includes delivery.	
01 74 19 00-0023	EA	Interim Vacuum Service, Concrete Washout Bin	598.02
		Note: Includes vacuum and recycle excess clear liquid from the unfilled bin to allow additional space for washout material.	
01 74 19 00-0024	EA	Vacuum, Pickup, Swap And Dump, Concrete Washout Bin	1,295.71
		Note: Includes vacuum the liquid from the full bin and pick up the bin, and recycle all material. An empty bin will be left at the site if the project is not completed.	

01 74 19 00-0025 Debris Processing Fee (01 74 19)

01 74 19 00-0026 Material Recycling Fees (01 74 19 00-0025)

Note: Not to be used with Dumpster Tasks which includes the Landfill Dump Fee. Excludes hauling.

01 74 19 00-0027	CY	Drop-Off Asphalt At Recycling Center	17.34
01 74 19 00-0028	CY	Drop-Off Non Reinforced Concrete At Recycling Center	23.23
01 74 19 00-0029	CY	Drop-Off Reinforced Concrete At Recycling Center	34.85
01 74 19 00-0030	CY	Drop-Off Brick Or Block At Recycling Center	30.20
01 74 19 00-0031	CY	Drop-Off Dirt At Recycling Center	33.69
01 74 19 00-0032	CY	Drop-Off Dimensional Lumber At Recycling Center	32.53

01 74 19 00-0033 Landfill Dump Fees (01 74 19 00-0025)

Note: Does not apply when material is transferred to owner's site or facility, or with use of dumpsters. Excludes hauling.

01 74 19 00-0034	CY	Traditional Building Construction Materials Landfill Dump Fee	15.46
01 74 19 00-0035	TON	Traditional Building Construction Materials, Landfill Dump Fee	67.37
01 74 19 00-0036	CY	Trees, Stumps And Brush, Landfill Dump Fee	18.61
01 74 19 00-0037	CY	Hazardous Materials And Rubbish Landfill Dump Fee	44.38
		Note: Includes regulated waste such as paint cans, refrigerators/freezers, air conditioners, smoke detectors, batteries, etc.	
01 74 19 00-0038	CY	Asphalt, Concrete, Gravel And Subgrade Material, Landfill Dump Fee	31.53

01 74 19 00-0039 Hauling (01 74 19)

Note: Includes driver and equipment, ten (10) to fifteen (15) minutes load time, time for travel, dump time and return (roundtrip). The task quantity is the number of miles to the disposal site/transfer station (one way mileage) times the number of cubic yards being transported. For example, to haul 8 CY to a site 14 miles away, the quantity is calculated as follows: 14 miles x 8 CY = 112 CYM. Use both hauling tasks for distances greater than 15 miles. To haul 28 CY to a site 32 miles away, the quantity for the task to haul the first 15 miles is calculated: 15 miles x 28 CY = 420 CYM. The quantity for the additional hauling task over the first 15 miles is calculated: 32 total miles less 15 initial miles equals 17 miles x 28 CY = 476 CYM.

01 74 19 00-0040	CYM	Hauling On Paved Roads, First 15 Miles	0.95
01 74 19 00-0041	CYM	Hauling On Paved Roads, Miles Over Initial 15 Miles	0.64
01 74 19 00-0042	CYM	Hauling On Unimproved Roads, First 15 Miles	1.47
01 74 19 00-0043	CYM	Hauling On Unimproved Roads, Miles Over Initial 15 Miles	1.15

01 74 23 Final Cleaning (01 74)

01 74 23 00-0001	CSF	Cleaning Of Glass <small>(01 74 23)</small>	28.26
01 74 23 00-0002	CSF	Cleaning Of Existing Glass Surfaces	

01 90 Life Cycle Activities (01)

01 91 Commissioning (01 90)

01 91 13 General Commissioning Requirements (01 91)

01 91 13 00-0001	HR	Commissioning Of Systems <small>(01 91 13)</small>	171.84
		Note: For use with commissioning of mechanical and electrical systems.	
01 91 13 00-0002	HR	Commissioning - Fire Protection Sprinkler Systems	229.36
01 91 13 00-0003	HR	Commissioning - Plumbing Systems	258.03
01 91 13 00-0004	HR	Commissioning - HVAC/Mechanical Systems	226.99
01 91 13 00-0005	HR	Commissioning - Electrical/Fire Alarms/Security Systems	

01	01	General Requirements
	01 90	Life Cycle Activities
	01 91	Commissioning

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

END OF SECTION 01

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 Existing Conditions

02 20 Assessment ⁽⁰²⁾

02 25 Existing Material Assessment ^(02 20)

02 25 16 Existing Concrete, Masonry or Asphalt Assessment ^(02 25)
See CSI section 01 71 36 00-0000 for non-destructive concrete examination.

02 25 16 13 Concrete Assessment Drilling ^(02 25 16)
See CSI section 01 71 36 00-0000 for non-destructive concrete examination.

02 30 Subsurface Investigation ⁽⁰²⁾

02 32 Geotechnical Investigations ^(02 30)

02 32 13 Subsurface Drilling and Sampling ^(02 32)
See CSI section 01 45 23 00-0000 for testing and lab reports.

02 32 13 00-0001		Mobilization Of Drilling Crew ^(02 32 13)	
02 32 13 00-0002	EA	Mobilization Of Drilling Crew	1,142.70
02 32 13 00-0003		Auger Borings ^(02 32 13)	
02 32 13 00-0004	LF	Standard Auger Hole With Split Spoon Sample At 5' Intervals	34.41
02 32 13 00-0005		Cased Borings In Earth, With Samples ^(02 32 13) Note: All types of soils.	
02 32 13 00-0006	LF	2-1/2" Diameter Cased Borings In Earth, With Samples	90.04
02 32 13 00-0007	LF	4" Diameter Cased Borings In Earth, With Samples	153.99
02 32 13 00-0008		Drilling In Rock, BW Core (2.125") ^(02 32 13)	
02 32 13 00-0009	LF	Drill In Rock, BW Core, With Casing	94.88
02 32 13 00-0010	EA	Note: Includes sampling. Drill In Rock, With BW Core Boxes	9.06
02 32 13 00-0011		Drilling In Rock, NW Core (2.98") ^(02 32 13)	
02 32 13 00-0012	LF	Drill In Rock, NW Core, With Casing	122.88
02 32 13 00-0013	EA	Note: Includes sampling. Drill In Rock, With NW Core Boxes	10.42
02 32 13 00-0014		Test Pits For Boring Activities ^(02 32 13) Note: Excludes backfill. See CSI section 31 23 16 36-0016 for backfill.	
02 32 13 00-0015		Backhoe Dug Test Pits ^(02 32 13 00-0014)	
02 32 13 00-0016	CY	Excavation For Test Pit, Light Material, Backhoe Excavation	66.79
02 32 13 00-0017	CY	Excavation For Test Pits, Medium Material, Backhoe Excavation	77.93
02 32 13 00-0018	CY	Excavation For Test Pit, Heavy Material, Backhoe Excavation	103.89
02 32 13 00-0019		Shelby Tube Sampling ^(02 32 13)	
02 32 13 00-0020	EA	Shelby Tube Sampling	52.27
02 32 13 00-0021	EA	Penetration Test	42.59
02 32 13 00-0022		Grouting ^(02 32 13)	
02 32 13 00-0023	VLF	Boreholes	9.91
02 32 19		Exploratory Excavations ^(02 32)	
02 32 19 00-0001		Hydro Excavation ^(02 32 19) Note: Assumes on-site disposal.	
02 32 19 00-0002	EA	Hydro Excavation, Mobilization/Demobilization	166.85
02 32 19 00-0003	EA	Hydro Excavation, Minimum Charge	667.40
02 32 19 00-0004	CY	Note: For projects where the total charge is less than the "Hydro Excavation Minimum" cost, use this task exclusively. This task should not be used in conjunction with any other tasks in this section. Hydro Excavation, Normal Soil Conditions (Hydro-Vac Truck)	37.07
02 32 19 00-0005	CY	Note: Normal soil conditions consist of silt, sand and gravel. Hydro Excavation, Adverse Soil Conditions (Hydro-Vac Truck)	59.32
		Note: Adverse soil conditions consist of clay, glacial till and rocks.	

02 40 Demolition and Structure Moving ⁽⁰²⁾

02 41 Demolition ^(02 40)

02 41 13 Selective Site Demolition ^(02 41)

02 Existing Conditions**02 40 Demolition and Structure Moving****02 41 Demolition**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
02 41 13 13 Paving Removal (02 41 13)

Note: Includes break-up of material, loading into truck or dumpster and clean-up. Salvage tasks include placement on pallets and storage on site.

02 41 13 13-0001 By Machine, Break-up And Leave In Place Bituminous And Concrete Paving (02 41 13 13)

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles. These tasks are not to be used in conjunction with any other loading activities or other break-up tasks. Excludes saw cutting (where required) and disposal. See CSI section 02 41 13 13-0018 for breaking-up, removal and loading as a combined operation, 02 41 19 13-0001 for saw cutting.

02 41 13 13-0002	SY	Up To 3" By Machine, Break-up And Leave In Place Bituminous Paving	7.13
		<i>For >500 To 1,000, Deduct</i>	-0.71
		<i>For >1,000 To 2,500, Deduct</i>	-1.28
		<i>For >2,500 To 5,000, Deduct</i>	-1.85
		<i>For >5,000 To 10,000, Deduct</i>	-2.42
		<i>For >10,000, Deduct</i>	-2.99
02 41 13 13-0003	SY	>3" To 6" By Machine, Break-up And Leave In Place Bituminous Paving	10.69
		<i>For >500 To 1,000, Deduct</i>	-1.07
		<i>For >1,000 To 2,500, Deduct</i>	-1.92
		<i>For >2,500 To 5,000, Deduct</i>	-2.78
		<i>For >5,000 To 10,000, Deduct</i>	-3.63
		<i>For >10,000, Deduct</i>	-4.49
02 41 13 13-0004	SY	>6" To 8" By Machine, Break-up And Leave In Place Bituminous Paving	14.26
		<i>For >500 To 1,000, Deduct</i>	-1.43
		<i>For >1,000 To 2,500, Deduct</i>	-2.57
		<i>For >2,500 To 5,000, Deduct</i>	-3.71
		<i>For >5,000 To 10,000, Deduct</i>	-4.85
		<i>For >10,000, Deduct</i>	-5.99
02 41 13 13-0005	SY	Up To 3" By Machine, Break-up And Leave In Place Concrete Paving	13.85
		<i>For >500 To 1,000, Deduct</i>	-1.39
		<i>For >1,000 To 2,500, Deduct</i>	-2.49
		<i>For >2,500 To 5,000, Deduct</i>	-3.60
		<i>For >5,000 To 10,000, Deduct</i>	-4.71
		<i>For >10,000, Deduct</i>	-5.82
02 41 13 13-0006	SY	>3" To 6" By Machine, Break-up And Leave In Place Concrete Paving	19.55
		<i>For >500 To 1,000, Deduct</i>	-1.96
		<i>For >1,000 To 2,500, Deduct</i>	-3.52
		<i>For >2,500 To 5,000, Deduct</i>	-5.08
		<i>For >5,000 To 10,000, Deduct</i>	-6.65
		<i>For >10,000, Deduct</i>	-8.21
02 41 13 13-0007	SY	>6" To 9" By Machine, Break-up And Leave In Place Concrete Paving	27.70
		<i>For >500 To 1,000, Deduct</i>	-2.77
		<i>For >1,000 To 2,500, Deduct</i>	-4.99
		<i>For >2,500 To 5,000, Deduct</i>	-7.20
		<i>For >5,000 To 10,000, Deduct</i>	-9.42
		<i>For >10,000, Deduct</i>	-11.63
02 41 13 13-0008	SY	>9" To 14" By Machine, Break-up And Leave In Place Concrete Paving	39.11
		<i>For >500 To 1,000, Deduct</i>	-3.91
		<i>For >1,000 To 2,500, Deduct</i>	-7.04
		<i>For >2,500 To 5,000, Deduct</i>	-10.17
		<i>For >5,000 To 10,000, Deduct</i>	-13.30
		<i>For >10,000, Deduct</i>	-16.43
02 41 13 13-0009	SY	>14" To 19" By Machine, Break-up And Leave In Place Concrete Paving	51.13
		<i>For >500 To 1,000, Deduct</i>	-5.11
		<i>For >1,000 To 2,500, Deduct</i>	-9.20
		<i>For >2,500 To 5,000, Deduct</i>	-13.29
		<i>For >5,000 To 10,000, Deduct</i>	-17.38
		<i>For >10,000, Deduct</i>	-21.47
02 41 13 13-0010	SY	>19" To 24" By Machine, Break-up And Leave In Place Concrete Paving	66.48
		<i>For >500 To 1,000, Deduct</i>	-6.65
		<i>For >1,000 To 2,500, Deduct</i>	-11.97
		<i>For >2,500 To 5,000, Deduct</i>	-17.28
		<i>For >5,000 To 10,000, Deduct</i>	-22.60
		<i>For >10,000, Deduct</i>	-27.92

02 41 13 13-0011 By Hand, Break-up And Leave In Place Bituminous And Concrete Paving (02 41 13 13)

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles with jackhammer and hand tools. For individual work areas where conventional equipment access is limited or prohibited. Task is only to be used when requested by owner. These tasks are not to be used in conjunction with any other loading activities or other break-up tasks. Excludes saw cutting (where required) and disposal. See CSI section 02 41 13 13-0018 for breaking-up, removal and loading as a combined operation, 02 41 19 13-0001 for saw cutting.

02 41 13 13-0012	SF	Up To 3" By Hand, Break-up And Leave In Place Bituminous Paving	1.70
02 41 13 13-0013	SF	>3" To 6" By Hand, Break-up And Leave In Place Bituminous Paving	2.16
02 41 13 13-0014	SF	>6" To 8" By Hand, Break-up And Leave In Place Bituminous Paving	2.86
02 41 13 13-0015	SF	Up To 3" By Hand, Break-up And Leave In Place Concrete Paving	2.13
02 41 13 13-0016	SF	>3" To 6" By Hand, Break-up And Leave In Place Concrete Paving	2.71
02 41 13 13-0017	SF	>6" To 8" By Hand, Break-up And Leave In Place Concrete Paving	3.58

02 41 13 13-0018 By Machine, Break-up And Remove Bituminous And Concrete Paving (02 41 13 13)

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles, breaking into manageable sizes by machine and loading into truck, dumpster or moving material to stockpile. Excludes saw cutting (where required) and disposal. See CSI section 02 41 19 13-0001 for saw cutting.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 13 13-0019 SY Up To 3" By Machine, Break-up And Remove Bituminous Paving	15.46	
For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	4.64	
For Elevated Slab, Add	7.73	
For >500 To 1,000, Deduct	-1.55	
For >1,000 To 2,500, Deduct	-2.78	
For >2,500 To 5,000, Deduct	-4.02	
For >5,000 To 10,000, Deduct	-5.26	
For >10,000, Deduct	-6.49	
02 41 13 13-0020 SY >3" To 6" By Machine, Break-up And Remove Bituminous Paving	21.11	
For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	6.33	
For Elevated Slab, Add	10.56	
For >500 To 1,000, Deduct	-2.11	
For >1,000 To 2,500, Deduct	-3.80	
For >2,500 To 5,000, Deduct	-5.49	
For >5,000 To 10,000, Deduct	-7.18	
For >10,000, Deduct	-8.87	
02 41 13 13-0021 SY Up To 3" By Machine, Break-up And Remove Non Reinforced Concrete Paving.....	17.78	
For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	5.33	
For Elevated Slab, Add	8.89	
For >500 To 1,000, Deduct	-1.78	
For >1,000 To 2,500, Deduct	-3.20	
For >2,500 To 5,000, Deduct	-4.62	
For >5,000 To 10,000, Deduct	-6.05	
For >10,000, Deduct	-7.47	
02 41 13 13-0022 SY >3" To 6" By Machine, Break-up And Remove Non Reinforced Concrete Paving.....	23.26	
For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	6.98	
For Elevated Slab, Add	11.63	
For >500 To 1,000, Deduct	-2.33	
For >1,000 To 2,500, Deduct	-4.19	
For >2,500 To 5,000, Deduct	-6.05	
For >5,000 To 10,000, Deduct	-7.91	
For >10,000, Deduct	-9.77	
02 41 13 13-0023 SY Up To 3" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	23.60	
For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	7.08	
For Elevated Slab, Add	11.80	
For >500 To 1,000, Deduct	-2.36	
For >1,000 To 2,500, Deduct	-4.25	
For >2,500 To 5,000, Deduct	-6.14	
For >5,000 To 10,000, Deduct	-8.02	
For >10,000, Deduct	-9.91	
02 41 13 13-0024 SY >3" To 6" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	30.58	
For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	9.17	
For Elevated Slab, Add	15.29	
For >500 To 1,000, Deduct	-3.06	
For >1,000 To 2,500, Deduct	-5.50	
For >2,500 To 5,000, Deduct	-7.95	
For >5,000 To 10,000, Deduct	-10.40	
For >10,000, Deduct	-12.84	
02 41 13 13-0025 SY >6" To 9" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	50.69	
For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	15.21	
For Elevated Slab, Add	25.35	
For >500 To 1,000, Deduct	-5.07	
For >1,000 To 2,500, Deduct	-9.12	
For >2,500 To 5,000, Deduct	-13.18	
For >5,000 To 10,000, Deduct	-17.23	
For >10,000, Deduct	-21.29	
02 41 13 13-0026 SY Up To 3" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	25.60	
For Elevated Slab, Add	12.80	
For >500 To 1,000, Deduct	-2.56	
For >1,000 To 2,500, Deduct	-4.61	
For >2,500 To 5,000, Deduct	-6.66	
For >5,000 To 10,000, Deduct	-8.70	
For >10,000, Deduct	-10.75	
02 41 13 13-0027 SY >3" To 6" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	32.91	
For Elevated Slab, Add	16.46	
For >500 To 1,000, Deduct	-3.29	
For >1,000 To 2,500, Deduct	-5.92	
For >2,500 To 5,000, Deduct	-8.56	
For >5,000 To 10,000, Deduct	-11.19	
For >10,000, Deduct	-13.82	
02 41 13 13-0028 SY >6" To 9" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	58.83	
For Elevated Slab, Add	29.42	
For >500 To 1,000, Deduct	-5.88	
For >1,000 To 2,500, Deduct	-10.59	
For >2,500 To 5,000, Deduct	-15.30	
For >5,000 To 10,000, Deduct	-20.00	
For >10,000, Deduct	-24.71	
02 41 13 13-0029 SY >9" To 14" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	76.78	
For Elevated Slab, Add	38.39	
For >500 To 1,000, Deduct	-7.68	
For >1,000 To 2,500, Deduct	-13.82	
For >2,500 To 5,000, Deduct	-19.96	
For >5,000 To 10,000, Deduct	-26.11	
For >10,000, Deduct	-32.25	
02 41 13 13-0030 SY >14" To 19" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	100.38	
For Elevated Slab, Add	50.19	
For >500 To 1,000, Deduct	-10.04	
For >1,000 To 2,500, Deduct	-18.07	
For >2,500 To 5,000, Deduct	-26.10	
For >5,000 To 10,000, Deduct	-34.13	
For >10,000, Deduct	-42.16	

02 Existing Conditions
02 40 Demolition and Structure Moving
02 41 Demolition

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 41 13 13-0031	SY	>19" To 24" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	121.82
		<i>For Elevated Slab, Add</i>	60.91
		<i>For >500 To 1,000, Deduct</i>	-12.18
		<i>For >1,000 To 2,500, Deduct</i>	-21.93
		<i>For >2,500 To 5,000, Deduct</i>	-31.67
		<i>For >5,000 To 10,000, Deduct</i>	-41.42
		<i>For >10,000, Deduct</i>	-51.16
02 41 13 13-0032		By Hand, Break-up And Remove Bituminous And Concrete Paving <small>(02 41 13 13)</small>	
		Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles. Work includes breaking into manageable size with jackhammer and hand tools, removal and loading onto a truck or dumpster. For individual work areas where conventional equipment access is limited or prohibited. Task is only to be used when requested by owner. Excludes saw cutting (where required) and disposal. See CSI section 02 41 19 13-0001 for saw cutting.	
02 41 13 13-0033	SF	Up To 3" By Hand, Break-up And Remove Bituminous Paving	3.80
02 41 13 13-0034	SF	>3" To 6" By Hand, Break-up And Remove Bituminous Paving.....	5.00
02 41 13 13-0035	SF	>6" To 8" By Hand, Break-up And Remove Bituminous Paving.....	6.51
02 41 13 13-0036	SF	Up To 3" By Hand, Break-up And Remove Concrete Paving	4.76
02 41 13 13-0037	SF	>3" To 6" By Hand, Break-up And Remove Concrete Paving.....	6.57
02 41 13 13-0038	SF	>6" To 8" By Hand, Break-up And Remove Concrete Paving.....	8.41
02 41 13 13-0039	SF	Up To 3" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	6.66
02 41 13 13-0040	SF	>3" To 6" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	9.19
02 41 13 13-0041	SF	>6" To 8" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	11.78
02 41 13 13-0042		Grind Concrete <small>(02 41 13 13)</small>	
02 41 13 13-0043	EA	Grind Existing Sidewalks, Up To 1/2" Depth, To Remove Ridges (Tripping Hazard).....	229.24
		Note: For each location up to 5' wide, feather up to 12" each direction.	
		<i>For >1/2" To 1" Depth Of Grinding, Add</i>	34.39
		<i>For >1" To 1-1/2" Depth Of Grinding, Add</i>	57.31
		<i>For Up To 5, Add</i>	45.85
		<i>For >5 To 10, Add</i>	22.92
		<i>For >25 To 50, Deduct</i>	-22.92
		<i>For >50 To 250, Deduct</i>	-34.39
		<i>For >250, Deduct</i>	-45.85
		<i>For Sidewalks >5', Add</i>	22.92
		<i>For Up To 12" Additional Feathering Per Side, Add</i>	22.92
02 41 13 15		Hydro Demolition <small>(02 41 13)</small>	
02 41 13 15-0001		Hydro Demolition Of Concrete Pavement <small>(02 41 13 15)</small>	
		Note: Includes removal but excludes disposal of concrete.	
02 41 13 15-0002	SF	Up To 2" Depth, Hydro Demolition, Using 40,000 PSI Water Jet.....	7.45
02 41 13 15-0003	SF	>2" To 4" Depth, Hydro Demolition, Using 40,000 PSI Water Jet.....	9.31
02 41 13 15-0004	SF	>4" To 6" Depth, Hydro Demolition, Using 40,000 PSI Water Jet.....	12.45
02 41 13 15-0005	SF	>6" To 8" Depth, Hydro Demolition, Using 40,000 PSI Water Jet.....	24.79
02 41 16		Structure Demolition <small>(02 41)</small>	
02 41 16 13		Building Demolition <small>(02 41 16)</small>	
02 41 16 13-0001		Building Interior Demolition <small>(02 41 16 13)</small>	
		Note: Guttled and placed in truck or dumpsters. Based on overall floor area including space under demolished walls. Includes all soft stripping of materials (doors and frames, non-load bearing walls, carpet, moldings, drywall, tile, ceiling, ductwork, piping, light fixtures, etc.), accessible mechanical, electrical, plumbing, overhead sprinkler, fire protection and similar systems. Excludes lead, asbestos or other contaminants or load bearing walls, mechanical, plumbing or electrical equipment such as furnaces, water heaters, plumbing fixtures, sump pumps, switchgear or panel boards. Excludes hauling, dump fees, recycling charges, and/or salvage value.	
02 41 16 13-0002	GSF	Residential Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck	7.55
02 41 16 13-0003	GSF	Up To 2,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck.....	11.43
02 41 16 13-0004	GSF	>2,000 To 10,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck	9.35
02 41 16 13-0005	GSF	>10,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck.....	8.32
02 41 16 13-0006		Commercial And Residential Structures Demolition <small>(02 41 16 13)</small>	
		Note: Complete demolition of structures. Includes site and building safety preparation, signage, dust control, scattered debris and other site clean-up, demolition equipment, and repair of any damaged adjacent property. Excludes (if required) utility disconnects and capping, underground or above ground storage tank removal, adjacent property protection, adjacent property cleanup, adjacent property work, site paving (asphalt or concrete), recycling fees, gutting/soft stripping (selective removal of materials for reuse) of building, site security, hazardous material abatement (including lead, asbestos, and PCBs), surveys, clearing and grubbing of site, cranes, traffic control, elevator removal, major mechanical equipment such as boilers, chillers, cooling towers, Etc., excavation or backfill, foundations, basement floor, slab-on grade, temporary fencing (installation and removal), hauling, disposal and dump fees for all debris (site and building), earthwork and erosion control. Pricing is by Hundred Cubic Foot (CCF) of complete building volume being demolished. For computing building volume, height is computed at actual floor-to-floor dimensions with attic and basement each computed at half-height, width and length are actual dimensions. Excludes salvage value.	
02 41 16 13-0007		Steel Framed Building Demolition <small>(02 41 16 13-0006)</small>	
		Note: Includes masonry partitions and concrete decks.	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0008 CCF By Pneumatic Tools/Hand, Steel Framed Building Demolition	71.88	
For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15'; Deduct	-5.39	
For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18'; Deduct	-10.78	
For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21'; Deduct	-16.17	
For Up To 500, Add	21.56	
For >500 To 1,000, Add	14.38	
For >1,000 To 2,000, Add	7.19	
For Volume Of Area Within 15' To An Adjacent Building, Add	23.72	
For No Interior Partitions, Deduct	-17.97	
02 41 16 13-0009 CCF By Machine, Steel Framed Building Demolition	45.58	
For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15'; Deduct	-3.42	
For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18'; Deduct	-6.84	
For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21'; Deduct	-10.26	
For Up To 500, Add	13.67	
For >500 To 1,000, Add	9.12	
For >1,000 To 2,000, Add	4.56	
For Work >3 Stories To 6 Stories (Exclude Volume Below), Add	6.84	
For Work >6 Stories To 10 Stories (Exclude Volume Below), Add	11.40	
For Work >10 Stories To 15 Stories (Exclude Volume Below), Add	15.95	
For Volume Of Area Within 15' To An Adjacent Building, Add	15.04	
For No Interior Partitions, Deduct	-11.40	
02 41 16 13-0010 Reinforced Concrete Building Demolition (02 41 16 13-0006)		
02 41 16 13-0011 CCF By Pneumatic Tools/Hand, Reinforced Concrete Building Demolition	90.20	
For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15'; Deduct	-6.77	
For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18'; Deduct	-13.53	
For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21'; Deduct	-20.30	
For Up To 500, Add	27.06	
For >500 To 1,000, Add	18.04	
For >1,000 To 2,000, Add	9.02	
For Volume Of Area Within 15' To An Adjacent Building, Add	29.77	
For No Interior Partitions, Deduct	-22.55	
02 41 16 13-0012 CCF By Machine, Reinforced Concrete Building Demolition	60.19	
For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15'; Deduct	-4.51	
For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18'; Deduct	-9.03	
For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21'; Deduct	-13.54	
For Up To 500, Add	18.06	
For >500 To 1,000, Add	12.04	
For >1,000 To 2,000, Add	6.02	
For Work >3 Stories To 6 Stories (Exclude Volume Below), Add	9.03	
For Work >6 Stories To 10 Stories (Exclude Volume Below), Add	15.05	
For Work >10 Stories To 15 Stories (Exclude Volume Below), Add	21.07	
For Volume Of Area Within 15' To An Adjacent Building, Add	19.86	
For No Interior Partitions, Deduct	-15.05	
02 41 16 13-0013 Masonry Construction Building Demolition (02 41 16 13-0006)		
02 41 16 13-0014 CCF By Pneumatic Tools/Hand, Masonry Construction Building Demolition	63.38	
For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15'; Deduct	-4.75	
For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18'; Deduct	-9.51	
For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21'; Deduct	-14.26	
For Up To 500, Add	19.01	
For >500 To 1,000, Add	12.68	
For >1,000 To 2,000, Add	6.34	
For Volume Of Area Within 15' To An Adjacent Building, Add	20.92	
For No Interior Partitions, Deduct	-15.85	
02 41 16 13-0015 CCF By Machine, Masonry Construction Building Demolition	40.89	
For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15'; Deduct	-3.07	
For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18'; Deduct	-6.13	
For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21'; Deduct	-9.20	
For Up To 500, Add	12.27	
For >500 To 1,000, Add	8.18	
For >1,000 To 2,000, Add	4.09	
For Work >3 Stories To 6 Stories (Exclude Volume Below), Add	6.13	
For Work >6 Stories To 10 Stories (Exclude Volume Below), Add	10.22	
For Work >10 Stories To 15 Stories (Exclude Volume Below), Add	14.31	
For Volume Of Area Within 15' To An Adjacent Building, Add	13.49	
For No Interior Partitions, Deduct	-10.22	
02 41 16 13-0016 Wood Frame Construction Building Demolition (02 41 16 13-0006)		
02 41 16 13-0017 CCF By Pneumatic Tools/Hand, Wood Frame Construction Building Demolition	55.08	
For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15'; Deduct	-4.13	
For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18'; Deduct	-8.26	
For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21'; Deduct	-12.39	
For Up To 500, Add	16.52	
For >500 To 1,000, Add	11.02	
For >1,000 To 2,000, Add	5.51	
For Volume Of Area Within 15' To An Adjacent Building, Add	18.18	
For No Interior Partitions, Deduct	-13.77	

02 Existing Conditions**02 40 Demolition and Structure Moving****02 41 Demolition**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 41 16 13-0018	CCF By Machine, Wood Frame Construction Building Demolition.....	35.00
	<i>For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct</i>	-2.63
	<i>For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct</i>	-5.25
	<i>For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct</i>	-7.88
	<i>For Up To 500, Add</i>	10.50
	<i>For >500 To 1,000, Add</i>	7.00
	<i>For >1,000 To 2,000, Add</i>	3.50
	<i>For Work >3 Stories To 6 Stories (Exclude Volume Below), Add</i>	5.25
	<i>For Volume Of Area Within 15' To An Adjacent Building, Add</i>	11.55
	<i>For No Interior Partitions, Deduct</i>	-8.75
02 41 16 13-0019	Sorting Of Material Debris For Recycling Prior To Hauling Off (02 41 16 13-0006)	
	Note: Per building volume.	
02 41 16 13-0020	CCF Sorting Of Material Debris For Recycling Prior To Hauling Off.....	9.03
	<i>For Up To 500, Add</i>	2.71
	<i>For >500 To 1,000, Add</i>	1.81
	<i>For >1,000 To 2,000, Add</i>	0.90
02 41 16 13-0021	Foundation Demolition (02 41 16 13)	
	Note: Excludes earthwork. See CSI section 31 00 00 00-0000 for earthwork.	
02 41 16 13-0022	Concrete Foundation Demolition (02 41 16 13-0021)	
02 41 16 13-0023	CF Non Reinforced Concrete Foundation Demolition.....	14.36
	<i>For >135 To 405, Deduct</i>	-1.26
	<i>For >405 To 810, Deduct</i>	-2.51
	<i>For >810 To 2025, Deduct</i>	-3.59
	<i>For >2025, Deduct</i>	-5.74
02 41 16 13-0024	CF Reinforced Concrete Foundation Demolition.....	17.24
	<i>For >135 To 405, Deduct</i>	-1.51
	<i>For >405 To 810, Deduct</i>	-3.02
	<i>For >810 To 2025, Deduct</i>	-4.31
	<i>For >2025, Deduct</i>	-6.90
02 41 16 13-0025	Concrete Foundation Wall Demolition (02 41 16 13-0021)	
02 41 16 13-0026	SF 4" Thick Non Reinforced Concrete Foundation Wall Demolition.....	6.15
	<i>For >500 To 2,000, Deduct</i>	-0.46
	<i>For >2,000 To 6,000, Deduct</i>	-1.23
	<i>For >6,000 To 8,000, Deduct</i>	-2.15
	<i>For >8,000, Deduct</i>	-3.38
02 41 16 13-0027	SF 6" Thick Non Reinforced Concrete Foundation Wall Demolition.....	8.21
	<i>For >500 To 2,000, Deduct</i>	-0.62
	<i>For >2,000 To 6,000, Deduct</i>	-1.64
	<i>For >6,000 To 8,000, Deduct</i>	-2.87
	<i>For >8,000, Deduct</i>	-4.52
02 41 16 13-0028	SF 8" Thick Non Reinforced Concrete Foundation Wall Demolition.....	10.26
	<i>For >500 To 2,000, Deduct</i>	-0.77
	<i>For >2,000 To 6,000, Deduct</i>	-2.05
	<i>For >6,000 To 8,000, Deduct</i>	-3.59
	<i>For >8,000, Deduct</i>	-5.64
02 41 16 13-0029	SF 10" Thick Non Reinforced Concrete Foundation Wall Demolition.....	12.32
	<i>For >500 To 2,000, Deduct</i>	-0.92
	<i>For >2,000 To 6,000, Deduct</i>	-2.46
	<i>For >6,000 To 8,000, Deduct</i>	-4.31
	<i>For >8,000, Deduct</i>	-6.78
02 41 16 13-0030	SF 12" Thick Non Reinforced Concrete Foundation Wall Demolition.....	14.36
	<i>For >500 To 2,000, Deduct</i>	-1.08
	<i>For >2,000 To 6,000, Deduct</i>	-2.87
	<i>For >6,000 To 8,000, Deduct</i>	-5.03
	<i>For >8,000, Deduct</i>	-7.90
02 41 16 13-0031	SF 16" Thick Non Reinforced Concrete Foundation Wall Demolition.....	16.42
	<i>For >500 To 2,000, Deduct</i>	-1.23
	<i>For >2,000 To 6,000, Deduct</i>	-3.28
	<i>For >6,000 To 8,000, Deduct</i>	-5.75
	<i>For >8,000, Deduct</i>	-9.03
02 41 16 13-0032	SF 4" Thick Reinforced Concrete Foundation Wall Demolition.....	7.39
	<i>For >500 To 2,000, Deduct</i>	-0.55
	<i>For >2,000 To 6,000, Deduct</i>	-1.48
	<i>For >6,000 To 8,000, Deduct</i>	-2.59
	<i>For >8,000, Deduct</i>	-4.06
02 41 16 13-0033	SF 6" Thick Reinforced Concrete Foundation Wall Demolition.....	9.85
	<i>For >500 To 2,000, Deduct</i>	-0.74
	<i>For >2,000 To 6,000, Deduct</i>	-1.97
	<i>For >6,000 To 8,000, Deduct</i>	-3.45
	<i>For >8,000, Deduct</i>	-5.42
02 41 16 13-0034	SF 8" Thick Reinforced Concrete Foundation Wall Demolition.....	12.32
	<i>For >500 To 2,000, Deduct</i>	-0.92
	<i>For >2,000 To 6,000, Deduct</i>	-2.46
	<i>For >6,000 To 8,000, Deduct</i>	-4.31
	<i>For >8,000, Deduct</i>	-6.78
02 41 16 13-0035	SF 10" Thick Reinforced Concrete Foundation Wall Demolition.....	14.58
	<i>For >500 To 2,000, Deduct</i>	-1.09
	<i>For >2,000 To 6,000, Deduct</i>	-2.92
	<i>For >6,000 To 8,000, Deduct</i>	-5.10
	<i>For >8,000, Deduct</i>	-8.02

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 41 16 13-0036	SF 12" Thick Reinforced Concrete Foundation Wall Demolition	17.24	
	For >500 To 2,000, Deduct	-1.29	
	For >2,000 To 6,000, Deduct	-3.45	
	For >6,000 To 8,000, Deduct	-6.03	
	For >8,000, Deduct	-9.48	
02 41 16 13-0037	SF 16" Thick Reinforced Concrete Foundation Wall Demolition	19.70	
	For >500 To 2,000, Deduct	-1.48	
	For >2,000 To 6,000, Deduct	-3.94	
	For >6,000 To 8,000, Deduct	-6.90	
	For >8,000, Deduct	-10.84	
02 41 16 13-0038	Concrete Block Foundation Wall Demolition (02 41 16 13-0021)		
02 41 16 13-0039	SF 4" Thick Non Reinforced Concrete Block Foundation Wall Demolition	4.51	
	For >500 To 2,000, Deduct	-0.34	
	For >2,000 To 6,000, Deduct	-0.90	
	For >6,000 To 8,000, Deduct	-1.58	
	For >8,000, Deduct	-2.48	
02 41 16 13-0040	SF 6" Thick Non Reinforced Concrete Block Foundation Wall Demolition	4.82	
	For >500 To 2,000, Deduct	-0.36	
	For >2,000 To 6,000, Deduct	-0.96	
	For >6,000 To 8,000, Deduct	-1.69	
	For >8,000, Deduct	-2.65	
02 41 16 13-0041	SF 8" Thick Non Reinforced Concrete Block Foundation Wall Demolition	5.44	
	For >500 To 2,000, Deduct	-0.41	
	For >2,000 To 6,000, Deduct	-1.09	
	For >6,000 To 8,000, Deduct	-1.90	
	For >8,000, Deduct	-2.99	
02 41 16 13-0042	SF 10" Thick Non Reinforced Concrete Block Foundation Wall Demolition	6.26	
	For >500 To 2,000, Deduct	-0.47	
	For >2,000 To 6,000, Deduct	-1.25	
	For >6,000 To 8,000, Deduct	-2.19	
	For >8,000, Deduct	-3.44	
02 41 16 13-0043	SF 12" Thick Non Reinforced Concrete Block Foundation Wall Demolition	6.97	
	For >500 To 2,000, Deduct	-0.52	
	For >2,000 To 6,000, Deduct	-1.39	
	For >6,000 To 8,000, Deduct	-2.44	
	For >8,000, Deduct	-3.83	
02 41 16 13-0044	SF 16" Thick Non Reinforced Concrete Block Foundation Wall Demolition	8.73	
	For >500 To 2,000, Deduct	-0.65	
	For >2,000 To 6,000, Deduct	-1.75	
	For >6,000 To 8,000, Deduct	-3.06	
	For >8,000, Deduct	-4.80	
02 41 16 13-0045	SF 4" Thick Reinforced Concrete Block Foundation Wall Demolition	5.41	
	For >500 To 2,000, Deduct	-0.41	
	For >2,000 To 6,000, Deduct	-1.08	
	For >6,000 To 8,000, Deduct	-1.89	
	For >8,000, Deduct	-2.98	
02 41 16 13-0046	SF 6" Thick Reinforced Concrete Block Foundation Wall Demolition	5.78	
	For >500 To 2,000, Deduct	-0.43	
	For >2,000 To 6,000, Deduct	-1.16	
	For >6,000 To 8,000, Deduct	-2.02	
	For >8,000, Deduct	-3.18	
02 41 16 13-0047	SF 8" Thick Reinforced Concrete Block Foundation Wall Demolition	6.52	
	For >500 To 2,000, Deduct	-0.49	
	For >2,000 To 6,000, Deduct	-1.30	
	For >6,000 To 8,000, Deduct	-2.28	
	For >8,000, Deduct	-3.59	
02 41 16 13-0048	SF 10" Thick Reinforced Concrete Block Foundation Wall Demolition	7.51	
	For >500 To 2,000, Deduct	-0.56	
	For >2,000 To 6,000, Deduct	-1.50	
	For >6,000 To 8,000, Deduct	-2.63	
	For >8,000, Deduct	-4.13	
02 41 16 13-0049	SF 12" Thick Reinforced Concrete Block Foundation Wall Demolition	8.38	
	For >500 To 2,000, Deduct	-0.63	
	For >2,000 To 6,000, Deduct	-1.68	
	For >6,000 To 8,000, Deduct	-2.93	
	For >8,000, Deduct	-4.61	
02 41 16 13-0050	SF 16" Thick Reinforced Concrete Block Foundation Wall Demolition	10.47	
	For >500 To 2,000, Deduct	-0.79	
	For >2,000 To 6,000, Deduct	-2.09	
	For >6,000 To 8,000, Deduct	-3.66	
	For >8,000, Deduct	-5.76	
02 41 16 13-0051	Brick Foundation Wall Demolition (02 41 16 13-0021)		
02 41 16 13-0052	SF 4" Thick Brick Foundation Wall Demolition	4.51	
	For >500 To 2,000, Deduct	-0.34	
	For >2,000 To 6,000, Deduct	-0.90	
	For >6,000 To 8,000, Deduct	-1.58	
	For >8,000, Deduct	-2.48	
02 41 16 13-0053	SF 6" Thick Brick Foundation Wall Demolition	4.82	
	For >500 To 2,000, Deduct	-0.36	
	For >2,000 To 6,000, Deduct	-0.96	
	For >6,000 To 8,000, Deduct	-1.69	
	For >8,000, Deduct	-2.65	

02 Existing Conditions
02 40 Demolition and Structure Moving
02 41 Demolition

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
02 41 16 13-0054	SF 8" Thick Brick Foundation Wall Demolition	5.44	
	<i>For >500 To 2,000, Deduct</i>	-0.41	
	<i>For >2,000 To 6,000, Deduct</i>	-1.09	
	<i>For >6,000 To 8,000, Deduct</i>	-1.90	
	<i>For >8,000, Deduct</i>	-2.99	
02 41 16 13-0055	SF 10" Thick Brick Foundation Wall Demolition	6.26	
	<i>For >500 To 2,000, Deduct</i>	-0.47	
	<i>For >2,000 To 6,000, Deduct</i>	-1.25	
	<i>For >6,000 To 8,000, Deduct</i>	-2.19	
	<i>For >8,000, Deduct</i>	-3.44	
02 41 16 13-0056	SF 12" Thick Brick Foundation Wall Demolition	6.97	
	<i>For >500 To 2,000, Deduct</i>	-0.52	
	<i>For >2,000 To 6,000, Deduct</i>	-1.39	
	<i>For >6,000 To 8,000, Deduct</i>	-2.44	
	<i>For >8,000, Deduct</i>	-3.83	
02 41 16 13-0057	SF 16" Thick Brick Foundation Wall Demolition	8.73	
	<i>For >500 To 2,000, Deduct</i>	-0.65	
	<i>For >2,000 To 6,000, Deduct</i>	-1.75	
	<i>For >6,000 To 8,000, Deduct</i>	-3.06	
	<i>For >8,000, Deduct</i>	-4.80	
02 41 16 13-0058	Stone Foundation Demolition (02 41 16 13-0021)		
02 41 16 13-0059	CF Stone Footing Or Foundation Wall Demolition	14.36	
	<i>For >135 To 405, Deduct</i>	-1.26	
	<i>For >405 To 810, Deduct</i>	-2.51	
	<i>For >810 To 2025, Deduct</i>	-3.59	
	<i>For >2025, Deduct</i>	-5.74	
02 41 16 13-0060	Other Foundation Demolition (02 41 16 13-0021)		
02 41 16 13-0061	CF Concrete Footing For Fence, Gate Or Playground Equipment Post, Etc. Demolition	15.16	
	Note: Includes excavation.		
	<i>For >135 To 405, Deduct</i>	-1.33	
	<i>For >405 To 810, Deduct</i>	-2.65	
	<i>For >810 To 2025, Deduct</i>	-3.79	
	<i>For >2025, Deduct</i>	-6.06	
02 41 19	Selective Demolition (02 41)		
02 41 19 13	Selective Building Demolition (02 41 19)		
02 41 19 13-0001	Saw Cutting (02 41 19 13)		
	Note: Includes blade wear, water, taping off area, layout, clean-up and mist spray with wet vacuuming for dust control where necessary. For projects where the total saw cutting charge is less than the minimum charge, use task "Saw Cut Minimum Charge" exclusively. Task "Saw Cut Minimum Charge" should not be used in conjunction with any other tasks in this section.		
02 41 19 13-0002	LF Bituminous Paving Up To 4" Depth, Saw Cut	2.24	
	<i>For Each Additional Pass (Depth To 3"), Add</i>	0.87	
	<i>For >250, Deduct</i>	-0.22	
02 41 19 13-0003	LF Brick Masonry Up To 4" Depth, Saw Cut	8.43	
	<i>For Each Additional Pass (Depth To 3"), Add</i>	3.34	
	<i>For >250, Deduct</i>	-0.83	
02 41 19 13-0004	LF Concrete Block Up To 4" Depth, Saw Cut	7.62	
	<i>For Each Additional Pass (Depth To 3"), Add</i>	3.01	
	<i>For >250, Deduct</i>	-0.75	
02 41 19 13-0005	LF Non Reinforced Concrete Slab Or Paving Up To 4" Depth, Saw Cut	2.56	
	<i>For Each Additional Pass (Depth To 3"), Add</i>	0.99	
	<i>For >250, Deduct</i>	-0.24	
02 41 19 13-0006	LF Welded Wire Reinforced Concrete Slab Up To 4" Depth, Saw Cut	3.38	
	<i>For Each Additional Pass (Depth To 3"), Add</i>	1.31	
	<i>For >250, Deduct</i>	-0.32	
02 41 19 13-0007	LF Rod Reinforced Concrete Slab Up To 4" Depth, Saw Cut	5.60	
	<i>For Each Additional Pass (Depth To 3"), Add</i>	2.19	
	<i>For >250, Deduct</i>	-0.54	
02 41 19 13-0008	LF Plain Concrete Walls Up To 4" Depth, Saw Cut	10.79	
	<i>For Each Additional Pass (Depth To 3"), Add</i>	4.28	
	<i>For >250, Deduct</i>	-1.07	
02 41 19 13-0009	LF Saw Cut Rod Reinforced Concrete Walls Up To 4" Depth	14.49	
	<i>For Each Additional Pass (Depth To 3"), Add</i>	5.75	
	<i>For >250, Deduct</i>	-1.43	
02 41 19 13-0010	LF Concrete And Asphalt Up To 4" Depth, Saw Cut In Streets	2.97	
	<i>For Each Additional Pass (Depth To 3"), Add</i>	1.07	
	<i>For >250, Deduct</i>	-0.26	
02 41 19 13-0011	LF Igneous Stone Pavements Up To 4" Depth, Saw Cut	7.64	
	<i>For Each Additional Pass (Depth To 3"), Add</i>	3.02	
	<i>For >250, Deduct</i>	-0.75	
02 41 19 13-0012	LF Sedimentary Stone Pavements Up To 4" Depth, Saw Cut	7.64	
	<i>For Each Additional Pass (Depth To 3"), Add</i>	3.02	
	<i>For >250, Deduct</i>	-0.75	
02 41 19 13-0013	LF Metamorphic Stone Pavements Up To 4" Depth, Saw Cut	7.64	
	<i>For Each Additional Pass (Depth To 3"), Add</i>	3.02	
	<i>For >250, Deduct</i>	-0.75	
02 41 19 13-0014	LF Terrazzo Stone Pavements Up To 4" Depth, Saw Cut	7.64	
	<i>For Each Additional Pass (Depth To 3"), Add</i>	3.02	
	<i>For >250, Deduct</i>	-0.75	
02 41 19 13-0015	EA Saw Cut Minimum Charge	1,057.84	
	Note: For projects where the total saw cutting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 41 19 13-0016	Torch Cutting <small>(02 41 19 13)</small>		
	Note: Includes grinding edge		
02 41 19 13-0017	LF Up To 1/2", Torch Cut Steel Plate.....	2.90	
02 41 19 13-0018	LF >1/2" To 1" Thick, Torch Cut Steel Plate	5.82	
02 41 19 13-0019	LF >1" To 1-1/2" Thick, Torch Cut Steel Plate	8.72	
02 41 19 13-0020	LF >1-1/2" To 2" Thick, Torch Cut Steel Plate	11.64	
02 41 19 13-0021	LF >2" To 2-1/2" Thick, Torch Cut Steel Plate	14.55	
02 41 19 13-0022	LF >2-1/2" To 3" Thick, Torch Cut Steel Plate	17.46	
02 41 19 13-0023	EA Torch Cutting Minimum Charge.....	960.57	
	Note: For projects where the total torch cutting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		

02 41 19 13-0024	Drilling In Existing Materials <small>(02 41 19 13)</small>		
	Note: Includes drill bit wear, water, layout, set-up and clean-up.		

02 41 19 13-0025	Concrete Core Drilling <small>(02 41 19 13-0024)</small>		
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02 41 19 13-0026	Up To 4" Thick Concrete Core Drilling <small>(02 41 19 13-0025)</small>		
02 41 19 13-0027	EA Drill 1" Diameter Core In Up To 4" Concrete.....	41.32	
	<i>For Horizontal Cores, Add</i>	8.16	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	16.33	
02 41 19 13-0028	EA Drill 1-1/2" Diameter Core In Up To 4" Concrete	45.84	
	<i>For Horizontal Cores, Add</i>	9.07	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	18.14	
02 41 19 13-0029	EA Drill 2" Diameter Core In Up To 4" Concrete.....	50.89	
	<i>For Horizontal Cores, Add</i>	10.08	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	20.16	
02 41 19 13-0030	EA Drill 3" Diameter Core In Up To 4" Concrete.....	72.67	
	<i>For Horizontal Cores, Add</i>	14.40	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	28.80	
02 41 19 13-0031	EA Drill 4" Diameter Core In Up To 4" Concrete.....	97.38	
	<i>For Horizontal Cores, Add</i>	19.29	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	38.59	
02 41 19 13-0032	EA Drill 6" Diameter Core In Up To 4" Concrete.....	109.14	
	<i>For Horizontal Cores, Add</i>	21.60	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	43.20	
02 41 19 13-0033	EA Drill 8" Diameter Core In Up To 4" Concrete.....	174.35	
	<i>For Horizontal Cores, Add</i>	34.56	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	69.11	
02 41 19 13-0034	EA Drill 10" Diameter Core In Up To 4" Concrete.....	218.12	
	<i>For Horizontal Cores, Add</i>	43.19	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	86.39	
02 41 19 13-0035	EA Drill 12" Diameter Core In Up To 4" Concrete.....	254.56	
	<i>For Horizontal Cores, Add</i>	50.40	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	100.80	
02 41 19 13-0036	EA Drill 14" Diameter Core In Up To 4" Concrete.....	291.00	
	<i>For Horizontal Cores, Add</i>	57.59	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	115.18	
02 41 19 13-0037	EA Drill 18" Diameter Core In Up To 4" Concrete.....	327.85	
	<i>For Horizontal Cores, Add</i>	64.78	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	129.57	

02 41 19 13-0038	>4" To 6" Thick Concrete Core Drilling <small>(02 41 19 13-0025)</small>		
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02 41 19 13-0039	EA Drill 1" Diameter Core In >4" To 6" Concrete.....	59.07	
	<i>For Horizontal Cores, Add</i>	11.66	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	23.32	
02 41 19 13-0040	EA Drill 1-1/2" Diameter Core In >4" To 6" Concrete.....	65.54	
	<i>For Horizontal Cores, Add</i>	12.95	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	25.91	
02 41 19 13-0041	EA Drill 2" Diameter Core In >4" To 6" Concrete.....	72.75	
	<i>For Horizontal Cores, Add</i>	14.40	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	28.79	
02 41 19 13-0042	EA Drill 3" Diameter Core In >4" To 6" Concrete.....	87.45	
	<i>For Horizontal Cores, Add</i>	17.28	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	34.56	
02 41 19 13-0043	EA Drill 4" Diameter Core In >4" To 6" Concrete.....	109.39	
	<i>For Horizontal Cores, Add</i>	21.60	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	43.20	
02 41 19 13-0044	EA Drill 6" Diameter Core In >4" To 6" Concrete.....	145.72	
	<i>For Horizontal Cores, Add</i>	28.80	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	57.59	
02 41 19 13-0045	EA Drill 8" Diameter Core In >4" To 6" Concrete.....	218.35	
	<i>For Horizontal Cores, Add</i>	43.19	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	86.39	
02 41 19 13-0046	EA Drill 10" Diameter Core In >4" To 6" Concrete.....	255.20	
	<i>For Horizontal Cores, Add</i>	50.40	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	100.80	
02 41 19 13-0047	EA Drill 12" Diameter Core In >4" To 6" Concrete.....	291.79	
	<i>For Horizontal Cores, Add</i>	57.59	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	115.18	
02 41 19 13-0048	EA Drill 14" Diameter Core In >4" To 6" Concrete.....	328.60	
	<i>For Horizontal Cores, Add</i>	64.78	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	129.57	

02 Existing Conditions**02 40 Demolition and Structure Moving****02 41 Demolition**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 41 19 13-0049	EA	Drill 18" Diameter Core In >4" To 6" Concrete.....	366.01
		<i>For Horizontal Cores, Add</i>	71.99
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	143.98
02 41 19 13-0050		>6" To 8" Thick Concrete Core Drilling (02 41 19 13-0025)	
02 41 19 13-0051	EA	Drill 1" Diameter Core In >6" To 8" Concrete.....	65.19
		<i>For Horizontal Cores, Add</i>	12.83
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	25.66
02 41 19 13-0052	EA	Drill 1-1/2" Diameter Core In >6" To 8" Concrete.....	72.32
		<i>For Horizontal Cores, Add</i>	14.25
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	28.51
02 41 19 13-0053	EA	Drill 2" Diameter Core In >6" To 8" Concrete.....	80.24
		<i>For Horizontal Cores, Add</i>	15.84
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	31.68
02 41 19 13-0054	EA	Drill 3" Diameter Core In >6" To 8" Concrete.....	95.03
		<i>For Horizontal Cores, Add</i>	18.72
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	37.44
02 41 19 13-0055	EA	Drill 4" Diameter Core In >6" To 8" Concrete.....	124.27
		<i>For Horizontal Cores, Add</i>	24.48
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	48.95
02 41 19 13-0056	EA	Drill 6" Diameter Core In >6" To 8" Concrete.....	175.12
		<i>For Horizontal Cores, Add</i>	34.56
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	69.11
02 41 19 13-0057	EA	Drill 8" Diameter Core In >6" To 8" Concrete.....	291.13
		<i>For Horizontal Cores, Add</i>	57.59
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	115.18
02 41 19 13-0058	EA	Drill 10" Diameter Core In >6" To 8" Concrete.....	328.19
		<i>For Horizontal Cores, Add</i>	64.78
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	129.57
02 41 19 13-0059	EA	Drill 12" Diameter Core In >6" To 8" Concrete.....	365.07
		<i>For Horizontal Cores, Add</i>	71.99
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	143.98
02 41 19 13-0060	EA	Drill 14" Diameter Core In >6" To 8" Concrete.....	402.15
		<i>For Horizontal Cores, Add</i>	79.17
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	158.34
02 41 19 13-0061	EA	Drill 18" Diameter Core In >6" To 8" Concrete.....	440.12
		<i>For Horizontal Cores, Add</i>	86.39
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	172.78
02 41 19 13-0062		>8" To 10" Thick Concrete Core Drilling (02 41 19 13-0025)	
02 41 19 13-0063	EA	Drill 1" Diameter Core In >8" To 10" Concrete.....	77.13
		<i>For Horizontal Cores, Add</i>	15.16
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	30.32
02 41 19 13-0064	EA	Drill 1-1/2" Diameter Core In >8" To 10" Concrete.....	85.55
		<i>For Horizontal Cores, Add</i>	16.85
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	33.69
02 41 19 13-0065	EA	Drill 2" Diameter Core In >8" To 10" Concrete.....	94.90
		<i>For Horizontal Cores, Add</i>	18.72
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	37.43
02 41 19 13-0066	EA	Drill 3" Diameter Core In >8" To 10" Concrete.....	109.81
		<i>For Horizontal Cores, Add</i>	21.60
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	43.20
02 41 19 13-0067	EA	Drill 4" Diameter Core In >8" To 10" Concrete.....	124.76
		<i>For Horizontal Cores, Add</i>	24.48
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	48.95
02 41 19 13-0068	EA	Drill 6" Diameter Core In >8" To 10" Concrete.....	175.71
		<i>For Horizontal Cores, Add</i>	34.56
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	69.11
02 41 19 13-0069	EA	Drill 8" Diameter Core In >8" To 10" Concrete.....	291.94
		<i>For Horizontal Cores, Add</i>	57.59
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	115.18
02 41 19 13-0070	EA	Drill 10" Diameter Core In >8" To 10" Concrete.....	329.25
		<i>For Horizontal Cores, Add</i>	64.78
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	129.57
02 41 19 13-0071	EA	Drill 12" Diameter Core In >8" To 10" Concrete.....	366.27
		<i>For Horizontal Cores, Add</i>	71.97
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	143.95
02 41 19 13-0072	EA	Drill 14" Diameter Core In >8" To 10" Concrete.....	403.76
		<i>For Horizontal Cores, Add</i>	79.17
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	158.34
02 41 19 13-0073	EA	Drill 18" Diameter Core In >8" To 10" Concrete.....	442.15
		<i>For Horizontal Cores, Add</i>	86.37
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	172.74
02 41 19 13-0074		>10" To 12" Thick Concrete Core Drilling (02 41 19 13-0025)	
02 41 19 13-0075	EA	Drill 1" Diameter Core In >10" To 12" Concrete.....	83.24
		<i>For Horizontal Cores, Add</i>	16.33
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	32.66
02 41 19 13-0076	EA	Drill 1-1/2" Diameter Core In >10" To 12" Concrete.....	92.31
		<i>For Horizontal Cores, Add</i>	18.14
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	36.28
02 41 19 13-0077	EA	Drill 2" Diameter Core In >10" To 12" Concrete.....	102.39
		<i>For Horizontal Cores, Add</i>	20.16
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	40.32

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST

02 41 19 13-0078	EA		Drill 3" Diameter Core In >10" To 12" Concrete.....	110.20	
			<i>For Horizontal Cores, Add</i>	21.60	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	43.20	
02 41 19 13-0079	EA		Drill 4" Diameter Core In >10" To 12" Concrete.....	146.85	
			<i>For Horizontal Cores, Add</i>	28.80	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	57.59	
02 41 19 13-0080	EA		Drill 6" Diameter Core In >10" To 12" Concrete.....	190.72	
			<i>For Horizontal Cores, Add</i>	37.44	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	74.88	
02 41 19 13-0081	EA		Drill 8" Diameter Core In >10" To 12" Concrete.....	307.16	
			<i>For Horizontal Cores, Add</i>	60.47	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	120.94	
02 41 19 13-0082	EA		Drill 10" Diameter Core In >10" To 12" Concrete.....	330.32	
			<i>For Horizontal Cores, Add</i>	64.78	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	129.57	
02 41 19 13-0083	EA		Drill 12" Diameter Core In >10" To 12" Concrete.....	382.05	
			<i>For Horizontal Cores, Add</i>	74.88	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	149.75	
02 41 19 13-0084 >12" Thick Concrete Core Drilling (02 41 19 13-0025)					
02 41 19 13-0085	IN		Drill 1" Diameter Core In >12" Concrete.....	10.11	
			<i>For Horizontal Cores, Add</i>	2.00	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	3.99	
02 41 19 13-0086	IN		Drill 1-1/2" Diameter Core In >12" Concrete.....	11.22	
			<i>For Horizontal Cores, Add</i>	2.22	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	4.44	
02 41 19 13-0087	IN		Drill 2" Diameter Core In >12" Concrete.....	12.45	
			<i>For Horizontal Cores, Add</i>	2.46	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	4.93	
02 41 19 13-0088	IN		Drill 3" Diameter Core In >12" Concrete.....	13.67	
			<i>For Horizontal Cores, Add</i>	2.70	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	5.40	
02 41 19 13-0089	IN		Drill 4" Diameter Core In >12" Concrete.....	18.23	
			<i>For Horizontal Cores, Add</i>	3.60	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	7.20	
02 41 19 13-0090	IN		Drill 6" Diameter Core In >12" Concrete.....	23.70	
			<i>For Horizontal Cores, Add</i>	4.68	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	9.36	
02 41 19 13-0091	IN		Drill 8" Diameter Core In >12" Concrete.....	38.22	
			<i>For Horizontal Cores, Add</i>	7.56	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	15.13	
02 41 19 13-0092	IN		Drill 10" Diameter Core In >12" Concrete.....	41.19	
			<i>For Horizontal Cores, Add</i>	8.13	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	16.26	
02 41 19 13-0093	IN		Drill 12" Diameter Core In >12" Concrete.....	47.47	
			<i>For Horizontal Cores, Add</i>	9.37	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	18.73	
02 41 19 13-0094 Brick/Concrete Block Core Drilling (02 41 19 13-0024)					
02 41 19 13-0095 Up To 4" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0094)					
02 41 19 13-0096	EA		Drill 1" Diameter Core In Up To 4" Brick/Concrete Block.....	33.16	
			<i>For Horizontal Cores, Add</i>	6.53	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	13.06	
02 41 19 13-0097	EA		Drill 1-1/2" Diameter Core In Up To 4" Brick/Concrete Block.....	36.78	
			<i>For Horizontal Cores, Add</i>	7.26	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	14.51	
02 41 19 13-0098	EA		Drill 2" Diameter Core In Up To 4" Brick/Concrete Block.....	40.81	
			<i>For Horizontal Cores, Add</i>	8.06	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	16.12	
02 41 19 13-0099	EA		Drill 3" Diameter Core In Up To 4" Brick/Concrete Block.....	58.27	
			<i>For Horizontal Cores, Add</i>	11.52	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	23.04	
02 41 19 13-0100	EA		Drill 4" Diameter Core In Up To 4" Brick/Concrete Block.....	78.08	
			<i>For Horizontal Cores, Add</i>	15.43	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	30.87	
02 41 19 13-0101	EA		Drill 6" Diameter Core In Up To 4" Brick/Concrete Block.....	87.54	
			<i>For Horizontal Cores, Add</i>	17.28	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	34.56	
02 41 19 13-0102	EA		Drill 8" Diameter Core In Up To 4" Brick/Concrete Block.....	139.80	
			<i>For Horizontal Cores, Add</i>	27.65	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	55.29	
02 41 19 13-0103	EA		Drill 10" Diameter Core In Up To 4" Brick/Concrete Block.....	174.93	
			<i>For Horizontal Cores, Add</i>	34.56	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	69.11	
02 41 19 13-0104	EA		Drill 12" Diameter Core In Up To 4" Brick/Concrete Block.....	204.16	
			<i>For Horizontal Cores, Add</i>	40.32	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	80.64	
02 41 19 13-0105	EA		Drill 14" Diameter Core In Up To 4" Brick/Concrete Block.....	233.41	
			<i>For Horizontal Cores, Add</i>	46.07	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	92.14	
02 41 19 13-0106	EA		Drill 18" Diameter Core In Up To 4" Brick/Concrete Block.....	263.06	
			<i>For Horizontal Cores, Add</i>	51.83	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	103.65	
02 41 19 13-0107 >4" To 6" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0094)					

02 Existing Conditions**02 40 Demolition and Structure Moving****02 41 Demolition**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 41 19 13-0108	EA	Drill 1" Diameter Core In >4" To 6" Brick/Concrete Block	47.41
		<i>For Horizontal Cores, Add</i>	9.33
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	18.66
02 41 19 13-0109	EA	Drill 1-1/2" Diameter Core In >4" To 6" Brick/Concrete Block	52.59
		<i>For Horizontal Cores, Add</i>	10.36
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	20.73
02 41 19 13-0110	EA	Drill 2" Diameter Core In >4" To 6" Brick/Concrete Block	58.35
		<i>For Horizontal Cores, Add</i>	11.52
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	23.03
02 41 19 13-0111	EA	Drill 3" Diameter Core In >4" To 6" Brick/Concrete Block	70.17
		<i>For Horizontal Cores, Add</i>	13.82
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	27.64
02 41 19 13-0112	EA	Drill 4" Diameter Core In >4" To 6" Brick/Concrete Block	87.79
		<i>For Horizontal Cores, Add</i>	17.28
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	34.56
02 41 19 13-0113	EA	Drill 6" Diameter Core In >4" To 6" Brick/Concrete Block	116.92
		<i>For Horizontal Cores, Add</i>	23.04
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	46.07
02 41 19 13-0114	EA	Drill 8" Diameter Core In >4" To 6" Brick/Concrete Block	175.16
		<i>For Horizontal Cores, Add</i>	34.56
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	69.11
02 41 19 13-0115	EA	Drill 10" Diameter Core In >4" To 6" Brick/Concrete Block	204.80
		<i>For Horizontal Cores, Add</i>	40.32
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	80.64
02 41 19 13-0116	EA	Drill 12" Diameter Core In >4" To 6" Brick/Concrete Block	234.20
		<i>For Horizontal Cores, Add</i>	46.07
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	92.14
02 41 19 13-0117	EA	Drill 14" Diameter Core In >4" To 6" Brick/Concrete Block	263.81
		<i>For Horizontal Cores, Add</i>	51.83
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	103.65
02 41 19 13-0118	EA	Drill 18" Diameter Core In >4" To 6" Brick/Concrete Block	294.01
		<i>For Horizontal Cores, Add</i>	57.59
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	115.18
02 41 19 13-0119		>6" To 8" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0094)	
02 41 19 13-0120	EA	Drill 1" Diameter Core In >6" To 8" Brick/Concrete Block	52.36
		<i>For Horizontal Cores, Add</i>	10.26
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	20.52
02 41 19 13-0121	EA	Drill 1-1/2" Diameter Core In >6" To 8" Brick/Concrete Block	58.07
		<i>For Horizontal Cores, Add</i>	11.40
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	22.81
02 41 19 13-0122	EA	Drill 2" Diameter Core In >6" To 8" Brick/Concrete Block	64.40
		<i>For Horizontal Cores, Add</i>	12.67
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	25.34
02 41 19 13-0123	EA	Drill 3" Diameter Core In >6" To 8" Brick/Concrete Block	76.31
		<i>For Horizontal Cores, Add</i>	14.97
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	29.95
02 41 19 13-0124	EA	Drill 4" Diameter Core In >6" To 8" Brick/Concrete Block	99.79
		<i>For Horizontal Cores, Add</i>	19.58
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	39.16
02 41 19 13-0125	EA	Drill 6" Diameter Core In >6" To 8" Brick/Concrete Block	140.57
		<i>For Horizontal Cores, Add</i>	27.65
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	55.29
02 41 19 13-0126	EA	Drill 8" Diameter Core In >6" To 8" Brick/Concrete Block	233.54
		<i>For Horizontal Cores, Add</i>	46.07
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	92.14
02 41 19 13-0127	EA	Drill 10" Diameter Core In >6" To 8" Brick/Concrete Block	263.40
		<i>For Horizontal Cores, Add</i>	51.83
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	103.65
02 41 19 13-0128	EA	Drill 12" Diameter Core In >6" To 8" Brick/Concrete Block	293.07
		<i>For Horizontal Cores, Add</i>	57.59
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	115.18
02 41 19 13-0129	EA	Drill 14" Diameter Core In >6" To 8" Brick/Concrete Block	322.99
		<i>For Horizontal Cores, Add</i>	63.34
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	126.68
02 41 19 13-0130	EA	Drill 18" Diameter Core In >6" To 8" Brick/Concrete Block	353.74
		<i>For Horizontal Cores, Add</i>	69.11
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	138.22
02 41 19 13-0131		>8" To 10" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0094)	
02 41 19 13-0132	EA	Drill 1" Diameter Core In >8" To 10" Brick/Concrete Block	61.96
		<i>For Horizontal Cores, Add</i>	12.13
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	24.26
02 41 19 13-0133	EA	Drill 1-1/2" Diameter Core In >8" To 10" Brick/Concrete Block	68.71
		<i>For Horizontal Cores, Add</i>	13.48
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	26.96
02 41 19 13-0134	EA	Drill 2" Diameter Core In >8" To 10" Brick/Concrete Block	76.19
		<i>For Horizontal Cores, Add</i>	14.97
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	29.95
02 41 19 13-0135	EA	Drill 3" Diameter Core In >8" To 10" Brick/Concrete Block	88.21
		<i>For Horizontal Cores, Add</i>	17.28
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	34.56
02 41 19 13-0136	EA	Drill 4" Diameter Core In >8" To 10" Brick/Concrete Block	100.28
		<i>For Horizontal Cores, Add</i>	19.58
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	39.16

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0137 EA Drill 6" Diameter Core In >8" To 10" Brick/Concrete Block	141.16	
For Horizontal Cores, Add	27.65	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	55.29	
02 41 19 13-0138 EA Drill 8" Diameter Core In >8" To 10" Brick/Concrete Block	234.35	
For Horizontal Cores, Add	46.07	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	92.14	
02 41 19 13-0139 EA Drill 10" Diameter Core In >8" To 10" Brick/Concrete Block	264.46	
For Horizontal Cores, Add	51.83	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	103.65	
02 41 19 13-0140 EA Drill 12" Diameter Core In >8" To 10" Brick/Concrete Block	294.30	
For Horizontal Cores, Add	57.58	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	115.16	
02 41 19 13-0141 EA Drill 14" Diameter Core In >8" To 10" Brick/Concrete Block	324.60	
For Horizontal Cores, Add	63.34	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	126.68	
02 41 19 13-0142 EA Drill 18" Diameter Core In >8" To 10" Brick/Concrete Block	355.79	
For Horizontal Cores, Add	69.10	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	138.19	
02 41 19 13-0143 >10" To 12" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0094)		
02 41 19 13-0144 EA Drill 1" Diameter Core In >10" To 12" Brick/Concrete Block	66.91	
For Horizontal Cores, Add	13.06	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	26.12	
02 41 19 13-0145 EA Drill 1-1/2" Diameter Core In >10" To 12" Brick/Concrete Block	74.17	
For Horizontal Cores, Add	14.51	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	29.03	
02 41 19 13-0146 EA Drill 2" Diameter Core In >10" To 12" Brick/Concrete Block	82.23	
For Horizontal Cores, Add	16.13	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	32.25	
02 41 19 13-0147 EA Drill 3" Diameter Core In >10" To 12" Brick/Concrete Block	88.60	
For Horizontal Cores, Add	17.28	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	34.56	
02 41 19 13-0148 EA Drill 4" Diameter Core In >10" To 12" Brick/Concrete Block	118.05	
For Horizontal Cores, Add	23.04	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	46.07	
02 41 19 13-0149 EA Drill 6" Diameter Core In >10" To 12" Brick/Concrete Block	153.28	
For Horizontal Cores, Add	29.95	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	59.90	
02 41 19 13-0150 EA Drill 8" Diameter Core In >10" To 12" Brick/Concrete Block	246.68	
For Horizontal Cores, Add	48.38	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	96.75	
02 41 19 13-0151 EA Drill 10" Diameter Core In >10" To 12" Brick/Concrete Block	265.53	
For Horizontal Cores, Add	51.83	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	103.65	
02 41 19 13-0152 EA Drill 12" Diameter Core In >10" To 12" Brick/Concrete Block	307.17	
For Horizontal Cores, Add	59.90	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	119.80	
02 41 19 13-0153 >12" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0094)		
02 41 19 13-0154 IN Drill 1" Diameter Core In >12" Brick/Concrete Block	8.12	
For Horizontal Cores, Add	1.60	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	3.20	
02 41 19 13-0155 IN Drill 1-1/2" Diameter Core In >12" Brick/Concrete Block	9.00	
For Horizontal Cores, Add	1.77	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	3.55	
02 41 19 13-0156 IN Drill 2" Diameter Core In >12" Brick/Concrete Block	9.99	
For Horizontal Cores, Add	1.97	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	3.94	
02 41 19 13-0157 IN Drill 3" Diameter Core In >12" Brick/Concrete Block	10.98	
For Horizontal Cores, Add	2.16	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	4.32	
02 41 19 13-0158 IN Drill 4" Diameter Core In >12" Brick/Concrete Block	14.63	
For Horizontal Cores, Add	2.88	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	5.76	
02 41 19 13-0159 IN Drill 6" Diameter Core In >12" Brick/Concrete Block	19.02	
For Horizontal Cores, Add	3.75	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	7.49	
02 41 19 13-0160 IN Drill 8" Diameter Core In >12" Brick/Concrete Block	30.67	
For Horizontal Cores, Add	6.05	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	12.11	
02 41 19 13-0161 IN Drill 10" Diameter Core In >12" Brick/Concrete Block	33.06	
For Horizontal Cores, Add	6.51	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	13.01	
02 41 19 13-0162 IN Drill 12" Diameter Core In >12" Brick/Concrete Block	38.10	
For Horizontal Cores, Add	7.49	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	14.98	
02 41 19 13-0163 Asphalt Core Drilling (02 41 19 13-0024)		
02 41 19 13-0164 Up To 2" Thick Asphalt Core Drilling (02 41 19 13-0163)		
02 41 19 13-0165 EA Drill 1" Diameter Core In Up To 2" Asphalt	19.82	
02 41 19 13-0166 EA Drill 1-1/2" Diameter Core In Up To 2" Asphalt	24.78	
02 41 19 13-0167 EA Drill 2" Diameter Core In Up To 2" Asphalt	30.96	
02 41 19 13-0168 EA Drill 3" Diameter Core In Up To 2" Asphalt	38.41	
02 41 19 13-0169 EA Drill 4" Diameter Core In Up To 2" Asphalt	48.33	
02 41 19 13-0170 EA Drill 6" Diameter Core In Up To 2" Asphalt	60.73	

02 Existing Conditions
02 40 Demolition and Structure Moving
02 41 Demolition

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TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 41 19 13-0171	EA	Drill 8" Diameter Core In Up To 2" Asphalt	75.64
02 41 19 13-0172	EA	Drill 10" Diameter Core In Up To 2" Asphalt	94.19
02 41 19 13-0173	EA	Drill 12" Diameter Core In Up To 2" Asphalt	117.72
02 41 19 13-0174		>2" To 3" Thick Asphalt Core Drilling (02 41 19 13-0163)	
02 41 19 13-0175	EA	Drill 1" Diameter Core In >2" To 3" Asphalt	24.77
02 41 19 13-0176	EA	Drill 1-1/2" Diameter Core In >2" To 3" Asphalt	32.19
02 41 19 13-0177	EA	Drill 2" Diameter Core In >2" To 3" Asphalt	39.61
02 41 19 13-0178	EA	Drill 3" Diameter Core In >2" To 3" Asphalt	49.53
02 41 19 13-0179	EA	Drill 4" Diameter Core In >2" To 3" Asphalt	61.93
02 41 19 13-0180	EA	Drill 6" Diameter Core In >2" To 3" Asphalt	78.03
02 41 19 13-0181	EA	Drill 8" Diameter Core In >2" To 3" Asphalt	96.66
02 41 19 13-0182	EA	Drill 10" Diameter Core In >2" To 3" Asphalt	121.39
02 41 19 13-0183	EA	Drill 12" Diameter Core In >2" To 3" Asphalt	151.10
02 41 19 13-0184		>3" To 4" Thick Asphalt Core Drilling (02 41 19 13-0163)	
02 41 19 13-0185	EA	Drill 1" Diameter Core In >3" To 4" Asphalt	32.20
02 41 19 13-0186	EA	Drill 1-1/2" Diameter Core In >3" To 4" Asphalt	40.87
02 41 19 13-0187	EA	Drill 2" Diameter Core In >3" To 4" Asphalt	50.78
02 41 19 13-0188	EA	Drill 3" Diameter Core In >3" To 4" Asphalt	63.18
02 41 19 13-0189	EA	Drill 4" Diameter Core In >3" To 4" Asphalt	79.32
02 41 19 13-0190	EA	Drill 6" Diameter Core In >3" To 4" Asphalt	99.14
02 41 19 13-0191	EA	Drill 8" Diameter Core In >3" To 4" Asphalt	124.01
02 41 19 13-0192	EA	Drill 10" Diameter Core In >3" To 4" Asphalt	154.93
02 41 19 13-0193	EA	Drill 12" Diameter Core In >3" To 4" Asphalt	193.32
02 41 19 13-0194		>4" To 6" Thick Asphalt Core Drilling (02 41 19 13-0163)	
02 41 19 13-0195	EA	Drill 1" Diameter Core In >4" To 6" Asphalt	42.14
02 41 19 13-0196	EA	Drill 1-1/2" Diameter Core In >4" To 6" Asphalt	52.08
02 41 19 13-0197	EA	Drill 2" Diameter Core In >4" To 6" Asphalt	64.46
02 41 19 13-0198	EA	Drill 3" Diameter Core In >4" To 6" Asphalt	81.85
02 41 19 13-0199	EA	Drill 4" Diameter Core In >4" To 6" Asphalt	101.74
02 41 19 13-0200	EA	Drill 6" Diameter Core In >4" To 6" Asphalt	126.55
02 41 19 13-0201	EA	Drill 8" Diameter Core In >4" To 6" Asphalt	158.91
02 41 19 13-0202	EA	Drill 10" Diameter Core In >4" To 6" Asphalt	198.53
02 41 19 13-0203	EA	Drill 12" Diameter Core In >4" To 6" Asphalt	248.09
02 41 19 13-0204		Manhole Core Drilling (02 41 19 13-0024)	
02 41 19 13-0205	EA	Drill 4" Diameter Core In 6" Brick Manhole	216.92
02 41 19 13-0206	EA	Drill 5" Diameter Core In 6" Brick Manhole	247.89
02 41 19 13-0207	EA	Drill 6" Diameter Core In 6" Brick Manhole	289.11
02 41 19 13-0208	EA	Drill 8" Diameter Core In 6" Brick Manhole	433.53
02 41 19 13-0209	EA	Drill 2" Diameter Core In 8" Concrete Manhole	290.61
02 41 19 13-0210	EA	Drill 3" Diameter Core In 8" Concrete Manhole	309.49
02 41 19 13-0211	EA	Drill 4" Diameter Core In 8" Concrete Manhole	340.74
02 41 19 13-0212	EA	Drill 5" Diameter Core In 8" Concrete Manhole	365.61
02 41 19 13-0213	EA	Drill 6" Diameter Core In 8" Concrete Manhole	433.61
02 41 19 13-0214	EA	Drill 8" Diameter Core In 8" Concrete Manhole	619.28
02 41 19 13-0215	EA	Drill 2" Diameter Core In Fiberglass Manhole	28.82
02 41 19 13-0216	EA	Drill 3" Diameter Core In Fiberglass Manhole	33.27
02 41 19 13-0217	EA	Drill 4" Diameter Core In Fiberglass Manhole	36.04
02 41 19 13-0218	EA	Drill 5" Diameter Core In Fiberglass Manhole	39.33
02 41 19 13-0219	EA	Drill 6" Diameter Core In Fiberglass Manhole	43.26
02 41 19 13-0220	EA	Drill 8" Diameter Core In Fiberglass Manhole	48.07
02 41 19 13-0221		Drilling In Concrete Per Inch Of Depth (02 41 19 13-0024)	
		Note: Includes layout.	
02 41 19 13-0222	IN	1/4" Diameter Drilling In Concrete Per Inch Of Depth	2.12
02 41 19 13-0223	IN	3/8" Diameter Drilling In Concrete Per Inch Of Depth	2.22
02 41 19 13-0224	IN	1/2" Diameter Drilling In Concrete Per Inch Of Depth	2.38
02 41 19 13-0225	IN	5/8" Diameter Drilling In Concrete Per Inch Of Depth	2.54
02 41 19 13-0226	IN	3/4" Diameter Drilling In Concrete Per Inch Of Depth	2.78
02 41 19 13-0227	IN	7/8" Diameter Drilling In Concrete Per Inch Of Depth	3.01
02 41 19 13-0228	IN	1" Diameter Drilling In Concrete Per Inch Of Depth	3.16
02 41 19 13-0229	IN	1-1/4" Diameter Drilling In Concrete Per Inch Of Depth	3.50
02 41 19 13-0230	IN	1-1/2" Diameter Drilling In Concrete Per Inch Of Depth	3.97
02 41 19 13-0231		Drilling In Brick/Concrete Block Per Inch Of Depth (02 41 19 13-0024)	
		Note: Includes layout.	
02 41 19 13-0232	IN	1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	1.77
02 41 19 13-0233	IN	3/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	1.86
02 41 19 13-0234	IN	1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	1.99
02 41 19 13-0235	IN	5/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.12
02 41 19 13-0236	IN	3/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.32
02 41 19 13-0237	IN	7/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.52
02 41 19 13-0238	IN	1" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.64
02 41 19 13-0239	IN	1-1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.92
02 41 19 13-0240	IN	1-1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	3.96

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 41 19 13-0241	Drilling In Wood Or Plastic Per Inch Of Depth <small>(02 41 19 13-0024)</small>		
<small>Note: Includes layout.</small>			
02 41 19 13-0242	IN 1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	0.87	
02 41 19 13-0243	IN 3/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	0.92	
02 41 19 13-0244	IN 1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	0.99	
02 41 19 13-0245	IN 5/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.05	
02 41 19 13-0246	IN 3/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.16	
02 41 19 13-0247	IN 7/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.25	
02 41 19 13-0248	IN 1" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.32	
02 41 19 13-0249	IN 1-1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.45	
02 41 19 13-0250	IN 1-1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.77	

02 41 19 13-0251	Minimum Charge For Core Drilling <small>(02 41 19 13-0024)</small>		
02 41 19 13-0252	EA Core Drill Minimum Charge	850.69	
<small>Note: For projects where the total core drilling charge is less than the minimum charge, use task "Minimum Charge For Core Drilling" exclusively. Task "Minimum Charge For Core Drilling" should not be used in conjunction with any other tasks in this section. Does not apply to sections "Drilling In Concrete Per Inch Of Depth" or "Drilling In Brick Or Block Per Inch Of Depth" or "Drilling In Wood Or Plastic Per Inch Of Depth".</small>			

02 41 19 13-0253	Cutouts <small>(02 41 19 13)</small>		
<small>Note: Includes saw cutting and removal of material. Not to be used for openings greater than 24 SF.</small>			

02 41 19 13-0254	Reinforced Concrete Slab On Grade Cutouts <small>(02 41 19 13-0253)</small>		
02 41 19 13-0255	SF 4" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	47.21	
02 41 19 13-0256	SF 6" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	50.07	
02 41 19 13-0257	SF 8" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	52.93	
02 41 19 13-0258	SF 10" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	55.79	
02 41 19 13-0259	SF 12" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	57.22	

02 41 19 13-0260	Reinforced Concrete Elevated Slab Cutouts <small>(02 41 19 13-0253)</small>		
<small>Note: Includes cutting and removing steel decking.</small>			
02 41 19 13-0261	SF 4" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	57.54	
02 41 19 13-0262	SF 6" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	61.02	
02 41 19 13-0263	SF 8" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	64.52	
02 41 19 13-0264	SF 10" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	68.00	
02 41 19 13-0265	SF 12" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	69.75	

02 41 19 13-0266	Reinforced Concrete Wall Cutouts <small>(02 41 19 13-0253)</small>		
02 41 19 13-0267	SF 4" Thick Reinforced Concrete Wall Cutouts, <24 SF	59.01	
02 41 19 13-0268	SF 6" Thick Reinforced Concrete Wall Cutouts, <24 SF	62.59	
02 41 19 13-0269	SF 8" Thick Reinforced Concrete Wall Cutouts, <24 SF	66.17	
02 41 19 13-0270	SF 10" Thick Reinforced Concrete Wall Cutouts, <24 SF	69.75	
02 41 19 13-0271	SF 12" Thick Reinforced Concrete Wall Cutouts, <24 SF	71.54	

02 41 19 13-0272	Brick Wall Cutouts <small>(02 41 19 13-0253)</small>		
<small>Note: Excludes toothing.</small>			
02 41 19 13-0273	SF 4" Thick Brick Wall Cutouts, <24 SF	17.89	
02 41 19 13-0274	SF 6" Thick Brick Wall Cutouts, <24 SF	29.51	
02 41 19 13-0275	SF 8" Thick Brick Wall Cutouts, <24 SF	41.09	
02 41 19 13-0276	SF 10" Thick Brick Wall Cutouts, <24 SF	50.07	
02 41 19 13-0277	SF 12" Thick Brick Wall Cutouts, <24 SF	59.91	
02 41 19 13-0278	SF 16" Thick Brick Wall Cutouts, <24 SF	70.64	

02 41 19 13-0279	Concrete Block Wall Cutouts <small>(02 41 19 13-0253)</small>		
<small>Note: Excludes toothing.</small>			
02 41 19 13-0280	SF 4" Thick Concrete Block Wall Cutouts, <24 SF	29.58	
02 41 19 13-0281	SF 6" Thick Concrete Block Wall Cutouts, <24 SF	31.33	
02 41 19 13-0282	SF 8" Thick Concrete Block Wall Cutouts, <24 SF	33.09	
02 41 19 13-0283	SF 10" Thick Concrete Block Wall Cutouts, <24 SF	34.87	
02 41 19 13-0284	SF 12" Thick Concrete Block Wall Cutouts, <24 SF	35.76	
02 41 19 13-0285	SF 16" Thick Concrete Block Wall Cutouts, <24 SF	37.55	

02 41 19 13-0286	Limestone Cutouts <small>(02 41 19 13-0253)</small>		
02 41 19 13-0287	SF 2" Thick Limestone Cutouts, <24 SF	50.07	
02 41 19 13-0288	SF 4" Thick Limestone Cutouts, <24 SF	60.80	
02 41 19 13-0289	SF 6" Thick Limestone Cutouts, <24 SF	64.37	
02 41 19 13-0290	SF 8" Thick Limestone Cutouts, <24 SF	67.96	
02 41 19 13-0291	SF 10" Thick Limestone Cutouts, <24 SF	71.54	
02 41 19 13-0292	SF 12" Thick Limestone Cutouts, <24 SF	75.11	

02 41 19 13-0293	Toothing Masonry Cutouts <small>(02 41 19 13-0253)</small>		
<small>Note: For use where existing masonry must be removed in a toothing pattern along horizontal and vertical mortar joints. VLF measurement includes all horizontal cutting.</small>			
02 41 19 13-0294	VLF Brick, Soft Old Mortar, Toothing Masonry Cutouts.....	17.89	
02 41 19 13-0295	VLF Brick, Hard Mortar, Toothing Masonry Cutouts.....	24.14	

02 Existing Conditions**02 40 Demolition and Structure Moving****02 41 Demolition**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 41 19 13-0296	VLF	Concrete Block, Soft Old Mortar, Tooothing Masonry Cutouts	10.73
02 41 19 13-0297	VLF	Concrete Block, Hard Mortar, Tooothing Masonry Cutouts.....	14.31

02 41 19 13-0298 Minimum Charge For Cutouts (02 41 19 13-0253)

Note: For projects where the total cutouts charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.

02 41 19 13-0299	EA	Cutouts Minimum Charge	357.67
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02 41 19 13-0300 Exterior Masonry Removal (02 41 19 13)**02 41 19 13-0301 Masonry Columns Removal (Interior And Exterior)** (02 41 19 13-0300)

02 41 19 13-0302	VLF	8" x 8" Masonry Column Removal	13.82
02 41 19 13-0303	VLF	10" x 10" Masonry Column Removal	21.59
02 41 19 13-0304	VLF	12" x 12" Masonry Column Removal	27.65
02 41 19 13-0305	VLF	14" x 14" Masonry Column Removal	34.62
02 41 19 13-0306	VLF	16" x 16" Masonry Column Removal	42.53
02 41 19 13-0307	CF	Masonry Column Removal, Per CF Of Masonry Removed; For Other Sizes Over 16" Square	23.88

02 41 19 13-0308 Remove And Reset Precast, Stone Or Masonry Coping (02 41 19 13-0300)

Note: Includes removing, cleaning, and resetting coping with new ties and mortar. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0001 for saw cutting.

02 41 19 13-0309	LF	Up To 8" Wide, Remove And Reset Precast, Stone Or Masonry Coping	19.07
02 41 19 13-0310	LF	>8" To 12" Wide, Remove And Reset Precast, Stone Or Masonry Coping	28.60
02 41 19 13-0311	LF	>12" To 24" Wide, Remove And Reset Precast, Stone Or Masonry Coping	54.81

02 41 19 13-0312 Facade Removal (02 41 19 13-0300)

Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0001 for saw cutting.

02 41 19 13-0313	SF	Stone Or Brick Veneer Facade Removal.....	5.26
		<i>For Cleaning and Storage For Reuse, Add</i>	7.89

02 41 19 13-0314 Exterior Masonry Removal (02 41 19 13-0300)

Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Salvage modifier includes removing mortar, scraping, cleaning, placement on pallets and storage on site. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0001 for saw cutting.

02 41 19 13-0315	SF	Demolish 4" Thick Non Reinforced Concrete Block Exterior Wall	4.62
02 41 19 13-0316	SF	Demolish 6" Thick Non Reinforced Concrete Block Exterior Wall	5.22
02 41 19 13-0317	SF	Demolish 8" Thick Non Reinforced Concrete Block Exterior Wall.....	6.31
02 41 19 13-0318	SF	Demolish 10" Thick Non Reinforced Concrete Block Exterior Wall.....	6.90
02 41 19 13-0319	SF	Demolish 12" Thick Non Reinforced Concrete Block Exterior Wall.....	7.57
02 41 19 13-0320	SF	Demolish 16" Thick Non Reinforced Concrete Block Exterior Wall.....	9.47
02 41 19 13-0321	SF	Demolish 4" Thick Reinforced Concrete Block Exterior Wall	5.47
02 41 19 13-0322	SF	Demolish 6" Thick Reinforced Concrete Block Exterior Wall	6.26
02 41 19 13-0323	SF	Demolish 8" Thick Reinforced Concrete Block Exterior Wall	7.57
02 41 19 13-0324	SF	Demolish 10" Thick Reinforced Concrete Block Exterior Wall	8.28
02 41 19 13-0325	SF	Demolish 12" Thick Reinforced Concrete Block Exterior Wall	9.08
02 41 19 13-0326	SF	Demolish 16" Thick Reinforced Concrete Block Exterior Wall	11.37
02 41 19 13-0327	SF	Demolish 4" Thick Brick Exterior Wall.....	4.62
		<i>For Cleaning and Storage For Reuse, Add</i>	6.93
02 41 19 13-0328	SF	Demolish 6" Thick Brick Exterior Wall.....	5.22
		<i>For Cleaning and Storage For Reuse, Add</i>	7.83
02 41 19 13-0329	SF	Demolish 8" Thick Brick Exterior Wall.....	6.31
		<i>For Cleaning and Storage For Reuse, Add</i>	9.47
02 41 19 13-0330	SF	Demolish 10" Thick Brick Exterior Wall.....	6.90
		<i>For Cleaning and Storage For Reuse, Add</i>	10.35
02 41 19 13-0331	SF	Demolish 12" Thick Brick Exterior Wall.....	7.57
		<i>For Cleaning and Storage For Reuse, Add</i>	11.36
02 41 19 13-0332	SF	Demolish 16" Thick Brick Exterior Wall.....	9.47
		<i>For Cleaning and Storage For Reuse, Add</i>	14.21
02 41 19 13-0333	CF	Exterior Brick, Concrete Block Or Composite Removal	13.46
		<i>For Cleaning and Storage For Reuse, Add</i>	20.19

02 41 19 13-0334 Lintel Removal (02 41 19 13-0300)

Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0001 for saw cutting.

02 41 19 13-0335	LF	Demolish Steel Lintel	12.90
02 41 19 13-0336	LF	Demolish Concrete Or Stone Lintel	17.20
02 41 19 13-0337	LF	Demolish Steel Shelf Angle	13.61

02 41 19 13-0338 Reinstall Lintel (02 41 19 13-0300)

Note: Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0001 for saw cutting.

02 41 19 13-0339	LF	Clean, Prime And Paint Steel Shelf Angle Or Lintel.....	8.60
02 41 19 13-0340	LF	Reinstall Existing Concrete Or Stone Lintel	17.20
02 41 19 13-0341	LF	Reinstall Existing Steel Shelf Angle	48.59

Note: Includes fasteners.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 41 19 13-0342	LF		Reinstall Existing Steel Lintel.....	19.11	
02 41 19 13-0343	LF		Removal And Replacement Of Steel Shelf Angle Over Window Openings At Cavity Walls	83.12	
02 41 19 13-0344	LF		Removal And Replacement Of Steel Lintel Over Window Openings	157.52	
02 41 19 13-0345			Exterior Concrete Wall Removal (02 41 19 13)		
02 41 19 13-0346	SF		Demolish 4" Thick Reinforced Concrete Exterior Wall	6.39	
02 41 19 13-0347	SF		Demolish 6" Thick Reinforced Concrete Exterior Wall	11.60	
02 41 19 13-0348	SF		Demolish 8" Thick Reinforced Concrete Exterior Wall	14.58	
02 41 19 13-0349	SF		Demolish 10" Thick Reinforced Concrete Exterior Wall	17.19	
02 41 19 13-0350	SF		Demolish 12" Thick Reinforced Concrete Exterior Wall	20.31	
02 41 19 13-0351			Elevated Concrete Removal (02 41 19 13)		
02 41 19 13-0352	CF		Elevated Concrete Beam/Slab/Steps Removal, Reinforced	11.98	
02 41 19 16			Selective Interior Demolition (02 41 19)		
			Note: Includes break-up of material, loading into truck or dumpster and clean-up.		
02 41 19 16-0001			Floor Removal (02 41 19 16)		
02 41 19 16-0002			Scarify Concrete (02 41 19 16-0001)		
			Note: Up to 1/4" removal per pass.		
02 41 19 16-0003	SF		Scarify Concrete Floor	0.30	
02 41 19 16-0004	SF		Scarify Concrete Tread And Riser	2.53	
02 41 19 16-0005	SF		Scarify Concrete Wall	2.30	
02 41 19 16-0006			Fireproofing Removal (02 41 19 16)		
02 41 19 16-0007	SF		Removal Of Fireproofing From Concrete Or Steel.....	1.17	
02 41 19 16-0008			Demolish Ceiling (02 41 19 16)		
02 41 19 16-0009	SF		Demolish Drywall Ceiling	0.90	
02 41 19 16-0010	SF		Demolish Furred Plastered Ceiling	2.10	
02 41 19 16-0011	SF		Demolish Suspended Plastered Ceiling And Suspension System	1.61	
02 41 19 16-0012			Demolish Concrete Stair (02 41 19 16)		
02 41 19 16-0013	CF		Demolish Interior Reinforced Concrete Stairs.....	7.57	
02 41 19 16-0014	CF		Demolish Exterior Reinforced Concrete Stairs	6.67	
02 41 19 16-0015			Demolish Interior Partition/Wall (02 41 19 16)		
			Note: Price includes knock down, loading, clean-up.		
02 41 19 16-0016			Demolish Masonry And Concrete Interior Partition/Walls (02 41 19 16-0015)		
			Note: Includes saw cutting, knock down, loading and clean-up.		
02 41 19 16-0017			Demolish Concrete Block Interior Partition/Walls (02 41 19 16-0016)		
02 41 19 16-0018	SF		Demolish 4" Thick Non Reinforced Concrete Block Interior Partition/Wall.....	4.90	
02 41 19 16-0019	SF		Demolish 6" Thick Non Reinforced Concrete Block Interior Partition/Wall.....	5.24	
02 41 19 16-0020	SF		Demolish 8" Thick Non Reinforced Concrete Block Interior Partition/Wall.....	5.91	
02 41 19 16-0021	SF		Demolish 12" Thick Non Reinforced Concrete Block Interior Partition/Wall	7.58	
02 41 19 16-0022	SF		Demolish 16" Thick Non Reinforced Concrete Block Interior Partition/Wall	9.47	
02 41 19 16-0023	SF		Demolish 4" Thick Reinforced Concrete Block Interior Partition/Wall	5.89	
02 41 19 16-0024	SF		Demolish 6" Thick Reinforced Concrete Block Interior Partition/Wall	6.29	
02 41 19 16-0025	SF		Demolish 8" Thick Reinforced Concrete Block Interior Partition/Wall	7.09	
02 41 19 16-0026	SF		Demolish 12" Thick Reinforced Concrete Block Interior Partition/Wall	9.09	
02 41 19 16-0027	SF		Demolish 16" Thick Reinforced Concrete Block Interior Partition/Wall	11.38	
02 41 19 16-0028			Demolish Brick Interior Partition/Walls (02 41 19 16-0016)		
02 41 19 16-0029	SF		Demolish 4" Thick Brick Interior Partition/Wall.....	4.90	
02 41 19 16-0030	SF		Demolish 8" Thick Brick Interior Partition/Wall.....	5.91	
02 41 19 16-0031	SF		Demolish 12" Thick Brick Interior Partition/Wall	7.57	
02 41 19 16-0032	SF		Demolish 16" Thick Brick Interior Partition/Wall.....	9.47	
02 41 19 16-0033			Demolish Glass Block Interior Partition/Walls (02 41 19 16-0016)		
02 41 19 16-0034	SF		Demolish Glass Block Interior Partition/Walls	4.20	
02 41 19 16-0035			Demolish Concrete Interior Partition/Walls (02 41 19 16-0016)		
			See CSI section 02 41 16 13-0021 for concrete foundation demolition.		
02 41 19 16-0036	SF		Demolish 6" Thick Non Reinforced Concrete Interior Partition/Wall	8.92	
02 41 19 16-0037	SF		Demolish 8" Thick Non Reinforced Concrete Interior Partition/Wall	11.15	
02 41 19 16-0038	SF		Demolish 12" Thick Non Reinforced Concrete Interior Partition/Wall	15.61	
02 41 19 16-0039	SF		Demolish 6" Thick Reinforced Concrete Interior Partition/Wall.....	10.71	
02 41 19 16-0040	SF		Demolish 8" Thick Reinforced Concrete Interior Partition/Wall	13.46	
02 41 19 16-0041	SF		Demolish 12" Thick Reinforced Concrete Interior Partition/Wall	18.73	
02 41 19 16-0042			Demolish Terra-Cotta Block Interior Partition/Walls (02 41 19 16-0016)		

02 Existing Conditions**02 40 Demolition and Structure Moving****02 41 Demolition**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 41 19 16-0043 SF Demolish Up To 6" Thick Terra-Cotta Block Interior Partition/Wall Finished With Plaster 1.69

02 41 19 16-0044 Demolish Stud Framed Interior Partition/Walls (02 41 19 16-0015)

Note: Includes knock down, loading and clean-up. Includes demo of insulation if required.

02 41 19 16-0045 SF Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 1 Side 2.97

 For Heights >14' To 20', Add
 For Heights >20', Add

 0.45
 0.59

02 41 19 16-0046 SF Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 2 Sides..... 3.47

 For Heights >14' To 20', Add
 For Heights >20', Add

 0.52
 0.69

02 41 19 16-0047 SF Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 1 Side 3.80

 For Heights >14' To 20', Add
 For Heights >20', Add

 0.57
 0.76

02 41 19 16-0048 SF Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 2 Sides 5.28

 For Heights >14' To 20', Add
 For Heights >20', Add

 0.79
 1.06

02 41 19 16-0049 SF Demolish Plaster And Lath From 1 Side Of An Interior Partition/Wall 1.57

 For Heights >14' To 20', Add
 For Heights >20', Add

 0.24
 0.31

02 41 19 16-0050 SF Demolish Plaster And Lath From 2 Sides Of An Interior Partition/Wall 1.87

 For Heights >14' To 20', Add
 For Heights >20', Add

 0.28
 0.37
02 42 Removal and Salvage of Construction Materials (02 40)**02 42 21 Salvage of Construction Materials** (02 42)

Note: Includes placement on pallets and storage on site.

02 42 21 35 Roofing Salvage (02 42 21)**02 42 21 35-0001 Clay Tile Roof Remove And Salvage For Re-use** (02 42 21 35)

Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site.

02 42 21 35-0002 SQ Removal Of Clay Roof Tile, Salvage For Re-use 273.72

02 42 21 47 Flooring Salvage (02 42 21)**02 42 21 47-0001 Remove And Salvage For Re-Use** (02 42 21 47)

Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site.

02 42 21 47-0002 SF Removal Of Brick Flooring And Salvage 2.49

02 42 21 47-0003 SF Removal Of Ceramic/Quarry Tile Floor And Salvage 2.49

02 42 21 47-0004 SF Removal Of Terrazzo Flooring And Salvage 3.44

02 42 21 47-0005 SF Removal Of Wood Strip Flooring And Salvage 2.01

02 42 21 47-0006 SF Removal Of Wood Parquet Flooring And Salvage 1.06

02 42 21 47-0007 SF Removal Of Resilient/Linoleum Flooring And Salvage 0.76

02 43 Structure Moving (02 40)**02 43 13 Structure Relocation** (02 43)

Note: Includes disconnection of utilities, moving of structure, one day move (excludes travel expenses and lodging), up to 24' wide. Reset on new foundations and hook up to utilities.

02 43 13 13 Building Relocation (02 43 13)**02 43 13 13-0001 Move Relocatable Structures (Trailer, Mobile Facilities, etc.), Complete** (02 43 13)

Note: Includes disconnect portable from foundation, separate relocatable unit and attachments as needed for transport, secure all relocatable attachments (awnings, steps, ramps, railing, etc.) for transport, transport relocatable and attachments to new location, including permits and police escort, connect to foundation per approved specifications/details, including welding and/or hurricane anchoring as needed.

02 43 13 13-0002 SF Up To 800 SF, Move Relocatable Metal Frame Building 34.57

02 43 13 13-0003 SF >800 To 920 SF, Move Relocatable Metal Frame Building 32.68

02 43 13 13-0004 SF >920 SF, Move Relocatable Metal Frame Building 30.59

02 43 13 13-0005 SF Up To 800 SF, Move Relocatable Wood Frame Building 27.74

02 43 13 13-0006 SF >800 To 920 SF, Move Relocatable Wood Frame Building 25.92

02 43 13 13-0007 SF >920 SF, Move Relocatable Wood Frame Building 22.94

02 43 13 13-0008 SF Up To 800 SF, Move Relocatable Wood/Metal Frame Building 33.60

02 43 13 13-0009 SF >800 To 920 SF, Move Relocatable Wood/Metal Frame Building 30.59

02 43 13 13-0010 SF >920 SF, Move Relocatable Wood/Metal Frame Building 25.92

02 60 Contaminated Site Material Removal (02)**02 61 Removal and Disposal of Contaminated Soils** (02 60)**02 61 13 Excavation and Handling of Contaminated Material** (02 61)

See CSI section 31 23 16 00-0000 for excavation.

02 61 13 00-0001 Excavate Petroleum Contaminated Soil (02 61 13)

02 61 13 00-0002 CY Excavate Petroleum Contaminated Soil 13.48

Note: Includes excavation, making a determination if the soil is reusable or contaminated, and stockpiling as per determination.

02 61 13 00-0003 CY Load Excavated Petroleum Contaminated Soil 7.96

02 61 13 00-0004 CY Disposal Fees Of Petroleum Contaminated Soil 71.10

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 61 13 00-0005		Accessories For Contaminated Soil Stockpile <small>(02 61 13)</small>		
		See CSI section 31 25 14 23-0024 for sand bags.		
02 61 13 00-0006	SF	30 Mil Liner For Contaminated Soil Storage.....	1.43	
		Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.		
02 61 13 00-0007	SF	10 Mil Liner For Contaminated Soil Storage.....	0.85	
		Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.		

02 61 26 Removal and Disposal of Asbestos Contaminated Soils (02 61)

Note: Includes materials, equipment, mobilization, preparation, signage, removal, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of CF for a quantity of less than 10 CF, followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project.

02 61 26 00-0001		Removal and Disposal of Asbestos Contaminated Soils <small>(02 61 26)</small>		
		Note: Includes materials, equipment, mobilization, preparation, signage, removal, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of CF for a quantity of less than 10 CF, followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project.		
02 61 26 00-0002	EA	Up To 10 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal.....	1,087.45	
		<i>For Work In Restricted Working Space, Add</i>	326.24	
02 61 26 00-0003	CF	>10 To 100 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal.....	72.08	
		<i>For Work In Restricted Working Space, Add</i>	21.62	
02 61 26 00-0004	CF	>100 To 250 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal.....	48.06	
		<i>For Work In Restricted Working Space, Add</i>	14.42	
02 61 26 00-0005	CF	>250 To 500 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal.....	36.10	
		<i>For Work In Restricted Working Space, Add</i>	10.83	
02 61 26 00-0006	CF	>500 To 2,500 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal.....	28.83	
		<i>For Work In Restricted Working Space, Add</i>	8.65	
02 61 26 00-0007	CF	>2,500 To 10,000 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal.....	24.51	
		<i>For Work In Restricted Working Space, Add</i>	7.35	
02 61 26 00-0008	CF	>10,000 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal.....	22.05	
		<i>For Work In Restricted Working Space, Add</i>	6.62	

02 65 Underground Storage Tank Removal (02 60)

Note: Petroleum gasoline is classified as a hazardous material; fuel oil is considered a non-hazardous material. See CSI section 01 74 19 00-0039 for hauling, 31 20 00 00-0000 for non-contaminated soil excavation, 31 23 16 00-0000 for excavation, 31 41 00 00-0000 for shoring.

02 65 00 00-0001		Monitoring, Sampling, Testing And Analysis <small>(02 65)</small>		
02 65 00 00-0002		Field Samples For Testing Underground Storage Tank <small>(02 65 00 00-0001)</small>		
02 65 00 00-0003	EA	Collection Of Sludge Sample For Underground Storage Tank.....	25.10	
02 65 00 00-0004	EA	Collection Of Pumpable Liquids Sample For Underground Storage Tank.....	25.10	
02 65 00 00-0005	EA	Collection Of Contaminated Soil Sample.....	25.10	
02 65 00 00-0006		Lab Tests For Underground Storage Tank Removal <small>(02 65 00 00-0001)</small>		
		Note: Includes lab test fees, reports, shipping, handling, chain of custody documents and disposal of sample.		
02 65 00 00-0007	EA	Benzene, Toluene, Ethylbenzene, Xylene 8020, Lab Test.....	195.02	
		Note: The cost is for the in-lab test for Benzene, Toluene, Ethylbenzene, And Xylene using procedure 8020 as detailed in EPA SW-846.		
02 65 00 00-0008	EA	Flashpoint, Lab Test.....	75.84	
		Note: The cost is for the in-lab test for the flashpoint using procedure 40CFR 261.21 as detailed in EPA SW-846.		
02 65 00 00-0009	EA	TOX 9020, Lab Test.....	182.44	
		Note: The cost is for the in-lab test for total organic halides using procedure 9020 as detailed in EPA SW-846.		
02 65 00 00-0010	EA	TPH 8015 Modified, Lab Test.....	195.02	
		Note: The cost is for the in-lab test for total petroleum hydrocarbons by gas chromatography using procedure 8015 Mod. as detailed in EPA SW-846.		
02 65 00 00-0011	EA	TRPH 418.1, Lab Test.....	151.68	
		Note: The cost is for the in-lab test for total recoverable petroleum hydrocarbons using procedure 418.1 as detailed in EPA SW-846.		
02 65 00 00-0012	EA	VOC, Lab Test.....	411.71	
		Note: The cost is for the in-lab test for volatile organics using procedure 8240 as detailed in EPA SW-846.		
02 65 00 00-0013	EA	Semi-Volatile Organic, Lab Test.....	758.42	
		Note: The cost is for the in-lab test for semi-volatile organics using procedure 8270 as detailed in EPA SW-846.		
02 65 00 00-0014	EA	Oil And Grease 413.1, Lab Test.....	91.22	
		Note: The cost is for the in-lab test for oil and grease using procedure 413.1 as detailed in EPA SW-846.		
02 65 00 00-0015	EA	TCLP (Extraction) - Metals, Lab Test.....	162.52	
		Note: The cost is for the in-lab test for toxicity characteristics leaching procedures using procedure 1311 as detailed in EPA SW-846.		
02 65 00 00-0016	EA	TCLP (Extraction) - Semi-Volatile Organic, Lab Test.....	216.69	
		Note: The cost is for the in-lab test for toxicity characteristics leaching procedures using procedure 1311 as detailed in EPA SW-846.		
02 65 00 00-0017	EA	Metals 6010 RCRA, Lab Test.....	242.69	
		Note: The cost is for the in-lab test for metals using procedure 6010 RCRA as detailed in EPA SW-846.		
02 65 00 00-0018	EA	Metals (Arsenic) 7060, Lab Test.....	32.50	
		Note: The cost is for the in-lab test for the metal arsenic using procedure 7060 as detailed in EPA SW-846.		
02 65 00 00-0019	EA	Metals (Selenium) 7740, Lab Test.....	32.50	
		Note: The cost is for the in-lab test for the metal selenium (SE) using procedure 7740 as detailed in EPA SW-846.		

02 Existing Conditions**02 60 Contaminated Site Material Removal****02 65 Underground Storage Tank Removal**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 65 00 00-0020	EA	Metals (Lead) 7421, Lab Test Note: The cost is for the in-lab test for the metal lead using procedure 7421 as detailed in EPA SW-846.	32.50
02 65 00 00-0021	EA	Metals (Mercury) 7470, Lab Test Note: The cost is for the in-lab test for the metal mercury using procedure 7470 as detailed in EPA SW-846.	60.67
02 65 00 00-0022	EA	PNA/PAH 8100, Lab Test Note: The cost is for the in-lab test for polynuclear aromatic hydrocarbons using procedure 8100 as detailed in EPA SW-846.	346.70
02 65 00 00-0023	EA	Fuel Id ASTM D3328-78, Lab Test Note: The cost is for the in-lab test to determine the constituents of fuel using the procedure as detailed in ASTM D3328-78.	125.43
02 65 00 00-0024	EA	pH, Lab Test	26.00
02 65 00 00-0025	EA	Lab Test - Polychlorinated Biphenyl (PCB) In Wastewater	325.04
02 65 00 00-0026	EA	Methyl Tertiary Butyl Ether (MTBE), Lab Test	195.02
02 65 00 00-0027		Tests, Surveys And Maintenance For Underground Storage Tank (02 65 00 00-0001)	
02 65 00 00-0028	EA	Site Survey For AST/UST Location By Certified Tank Installer Note: Includes testing Pump output both tank and dispenser, Calibrate pump dispenser if needed, Check all sumps both tank and dispenser, check all fitting connections for leaks and check wiring connection for possible malfunction or safety hazard, check seals on caps for fill tube, check overflow performance for safety shutdown, check all hoses and pump handle, check break-away couplings, complete written report on all data found.	1,123.24
02 65 00 00-0029	EA	Check Cathodic Protection - Impressed Current Systems And Sacrificial Anode Systems Note: By Certified Technician. Write report of findings for action if needed	192.92
02 65 00 00-0030	EA	Check And Report On Monitor Probes..... Note: By Certified Technician	44.72
02 65 00 00-0031	EA	Tank Monitoring System: Check System Per Manufacturer's Specification By Certified Technician With Written Report..... Note: Including pass / fail; paper feed operational paper installed etc.; and status of inspection repairs needed etc.	315.72
02 65 00 00-0032	EA	Removal And Replacement Of Anode On Impressed System.....	162.76
02 65 00 00-0033	EA	Removal And Replacement Of Power Converter On Impressed System On Underground Storage Tank	233.59
02 65 00 00-0034	EA	Removal And Replacement Of Monitor Probes On Underground Storage Tank	335.10
02 65 00 00-0035	EA	Ultrasonic Test On Underground Storage Tank.....	129.57
02 65 00 00-0036		Tests And Sampling Labor Hours (02 65 00 00-0001)	
02 65 00 00-0037	HR	Certified Tank Installer For Underground Storage Tank	113.84
02 65 00 00-0038	HR	Certified Geologist/Environmentalist.....	122.90
02 65 00 00-0039	HR	Hourly Office Work For Reports Required For EPA On Underground Storage Tank..... Note: Includes title searches, well survey data, site drawings, submitting preliminary work, etc. Hours not to be used in association with other tasks performed.	131.30
02 65 00 00-0040		Remove Tank Contents (02 65)	
02 65 00 00-0041		Transfer Liquid (02 65 00 00-0040)	
02 65 00 00-0042	GAL	Transfer Reusable Liquid To Different Tank Note: Per gallon of material transferred.	0.75
02 65 00 00-0043		Remove And Dispose Of Liquid From Tank (02 65 00 00-0040)	
02 65 00 00-0044	GAL	Removal and Disposal Of Hazardous Liquids From Tank	1.78
02 65 00 00-0045	GAL	Removal and Disposal Of Non Hazardous Liquid From Tank.....	0.79
02 65 00 00-0046		Remove And Dispose Of Solids Or Sludge (02 65 00 00-0040)	
02 65 00 00-0047	GAL	Removal and Disposal Of Hazardous Solids Or Sludge From Tank..... Note: Includes scraping and solidifying agent.	6.21
02 65 00 00-0048	GAL	Removal and Disposal Of Non Hazardous Solids Or Sludge From Tank	1.41
02 65 00 00-0049		Purge Vapors, Open And Clean Tank (02 65)	
02 65 00 00-0050		Purge Vapors (02 65 00 00-0049)	
02 65 00 00-0051	LB	Purge Tank Using Dry Ice..... Note: Approximately 1.5 To 3.0 LBS of dry ice per 100 Gals of tank volume.	4.60
02 65 00 00-0052		High Pressure Water Wash And Rinse Of Tank Interior (02 65 00 00-0049)	
02 65 00 00-0053	EA	Up To 275 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	328.90
02 65 00 00-0054	EA	>275 To 550 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	431.50
02 65 00 00-0055	EA	>550 To 1,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	559.90
02 65 00 00-0056	EA	>1,000 To 2,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	757.69
02 65 00 00-0057	EA	>2,000 To 5,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	1,468.74
02 65 00 00-0058	EA	>5,000 To 6,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	1,766.11
02 65 00 00-0059	EA	>6,000 To 8,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	2,025.90
02 65 00 00-0060	EA	>8,000 To 10,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	2,448.64
02 65 00 00-0061	EA	>10,000 To 15,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	3,156.97
02 65 00 00-0062	EA	>15,000 To 20,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	3,795.60
02 65 00 00-0063	EA	>20,000 To 30,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	4,810.34
02 65 00 00-0064	EA	>30,000 To 40,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	5,925.59
02 65 00 00-0065	EA	>40,000 To 50,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	7,252.43

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 65 00 00-0066			Scrape Clean Tank Exterior (02 65 00 00-0049)		
02 65 00 00-0067	EA		Up To 275 Gallon Tank, Scrape Clean Tank Exterior.....	230.23	
02 65 00 00-0068	EA		>275 To 550 Gallon Tank, Scrape Clean Tank Exterior.....	306.59	
02 65 00 00-0069	EA		>550 To 1,000 Gallon Tank, Scrape Clean Tank Exterior.....	401.74	
02 65 00 00-0070	EA		>1,000 To 2,000 Gallon Tank, Scrape Clean Tank Exterior.....	556.32	
02 65 00 00-0071	EA		>2,000 To 5,000 Gallon Tank, Scrape Clean Tank Exterior.....	1,231.98	
02 65 00 00-0072	EA		>5,000 To 6,000 Gallon Tank, Scrape Clean Tank Exterior.....	1,559.94	
02 65 00 00-0073	EA		>6,000 To 8,000 Gallon Tank, Scrape Clean Tank Exterior.....	1,825.41	
02 65 00 00-0074	EA		>8,000 To 10,000 Gallon Tank, Scrape Clean Tank Exterior.....	2,294.81	
02 65 00 00-0075	EA		>10,000 To 15,000 Gallon Tank, Scrape Clean Tank Exterior.....	2,982.69	
02 65 00 00-0076	EA		>15,000 To 20,000 Gallon Tank, Scrape Clean Tank Exterior.....	3,743.87	
02 65 00 00-0077	EA		>20,000 To 30,000 Gallon Tank, Scrape Clean Tank Exterior.....	4,874.82	
02 65 00 00-0078	EA		>30,000 To 40,000 Gallon Tank, Scrape Clean Tank Exterior.....	5,849.78	
02 65 00 00-0079	EA		>40,000 To 50,000 Gallon Tank, Scrape Clean Tank Exterior.....	7,312.23	

02 65 00 00-0080			Tank And Piping Removal (02 65)		
			Note: Excludes excavation.		
02 65 00 00-0081			Removal And Disposal Of Piping (02 65 00 00-0080)		
			Note: Includes removal, inspection, loading, transporting pipe to disposal facility or transfer station within 15 miles and disposal fees.		
02 65 00 00-0082	LF		Up To 4", Removal And Disposal Of Piping.....	18.75	
02 65 00 00-0083	LF		>4" To 8", Removal And Disposal Of Piping.....	24.99	

02 65 00 00-0084			Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement (02 65 00 00-0080)		
			Note: Excludes excavation or backfill.		
02 65 00 00-0085	EA		Up To 275 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	647.89	
02 65 00 00-0086	EA		>275 To 550 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	786.72	
02 65 00 00-0087	EA		>550 To 1,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	925.57	
02 65 00 00-0088	EA		>1,000 To 2,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	1,156.97	
02 65 00 00-0089	EA		>2,000 To 5,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	1,619.73	
02 65 00 00-0090	EA		>5,000 To 6,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	2,036.24	
02 65 00 00-0091	EA		>6,000 To 8,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	2,313.91	
02 65 00 00-0092	EA		>8,000 To 10,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	2,776.70	
02 65 00 00-0093	EA		>10,000 To 15,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	3,702.26	
02 65 00 00-0094	EA		>15,000 To 20,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	4,438.20	
02 65 00 00-0095	EA		>20,000 To 30,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	5,200.66	
02 65 00 00-0096	EA		>30,000 To 40,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	6,084.31	
02 65 00 00-0097	EA		>40,000 To 50,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	7,605.39	

02 65 00 00-0098			Cut Tank Into Sections That Can Easily Be Transported And Disposed Of When Necessary (02 65 00 00-0080)		
			Note: Includes 1 lengthwise at every 4' on-center height wise.		
02 65 00 00-0099	EA		>1,000 To 2,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	815.75	
02 65 00 00-0100	EA		>2,000 To 5,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	1,521.27	
02 65 00 00-0101	EA		>5,000 To 6,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	1,829.93	
02 65 00 00-0102	EA		>6,000 To 8,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	2,039.38	
02 65 00 00-0103	EA		>8,000 To 10,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	2,447.25	
02 65 00 00-0104	EA		>10,000 To 15,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	3,042.52	
02 65 00 00-0105	EA		>15,000 To 20,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	3,659.85	
02 65 00 00-0106	EA		>20,000 To 30,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	4,574.81	
02 65 00 00-0107	EA		>30,000 To 40,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	5,718.53	
02 65 00 00-0108	EA		>40,000 To 50,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	7,148.15	

02 65 00 00-0109			Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station (02 65 00 00-0080)		
			Note: Includes disposal fee.		
02 65 00 00-0110	EA		Up To 275 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	288.36	
			For Each Additional Mile >15 Miles, Add	4.35	
02 65 00 00-0111	EA		>275 To 550 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	391.35	
			For Each Additional Mile >15 Miles, Add	5.49	
02 65 00 00-0112	EA		>550 To 1,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	615.68	
			For Each Additional Mile >15 Miles, Add	8.23	
02 65 00 00-0113	EA		>1,000 To 2,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	956.86	
			For Each Additional Mile >15 Miles, Add	9.61	
02 65 00 00-0114	EA		>2,000 To 5,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	1,688.63	
			For Each Additional Mile >15 Miles, Add	16.93	
02 65 00 00-0115	EA		>5,000 To 6,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	1,743.53	
			For Each Additional Mile >15 Miles, Add	18.30	
02 65 00 00-0116	EA		>6,000 To 8,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	1,835.03	
			For Each Additional Mile >15 Miles, Add	20.59	
02 65 00 00-0117	EA		>8,000 To 10,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	2,663.01	
			For Each Additional Mile >15 Miles, Add	27.45	
02 65 00 00-0118	EA		>10,000 To 15,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	3,650.96	
			For Each Additional Mile >15 Miles, Add	41.17	
02 65 00 00-0119	EA		>15,000 To 20,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	4,272.94	
			For Each Additional Mile >15 Miles, Add	45.75	
02 65 00 00-0120	EA		>20,000 To 30,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	5,287.84	
			For Each Additional Mile >15 Miles, Add	54.90	

02 Existing Conditions**02 60 Contaminated Site Material Removal****02 65 Underground Storage Tank Removal**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 65 00 00-0121	EA	>30,000 To 40,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	7,406.60
		<i>For Each Additional Mile >15 Miles, Add</i>	<i>65.88</i>
02 65 00 00-0122	EA	>40,000 To 50,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	8,947.02
		<i>For Each Additional Mile >15 Miles, Add</i>	<i>75.76</i>

02 65 00 00-0123 Other Storage Tank Removals (02 65 00 00-0080)

02 65 00 00-0124	GAL	Removal Of Cement Lining.....	0.55
02 65 00 00-0125	GAL	Sandblast Tank In Prep For Lining Or Welding; Remove Sand, Vacuum Walls And Seams.....	0.20
02 65 00 00-0126	GAL	Install Epoxy For Interior Corrosion Protection	1.23

02 65 00 00-0127 Tank Closure Report (02 65 00 00-0080)

Note: Excludes soils tests. See CSI section 02 65 00 00-0006 for soil tests.

02 65 00 00-0128	EA	Prepare Tank Closure Report	4,040.79
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02 65 00 00-0129 Temporary Tanks (02 65)**02 65 00 00-0130 Temporary Holding Tanks (02 65 00 00-0129)****02 65 00 00-0131 Above Ground Temporary Holding Tanks, Monthly Rental (02 65 00 00-0130)**

02 65 00 00-0132	MO	550 Gallon, Stainless Steel, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental	901.69
02 65 00 00-0133	MO	630 Gallon, Polyethylene, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental	901.69
02 65 00 00-0134	MO	630 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental	1,803.38
02 65 00 00-0135	MO	4,000 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental	1,352.53
02 65 00 00-0136	MO	4,000 Gallon, Polyethylene, Trailer Mounted, Above Ground Temporary Holding Tanks, Monthly Rental	3,155.91
02 65 00 00-0137	MO	6,000 Gallon, Polyethylene, Total Drain, Above Ground Temporary Holding Tanks, Monthly Rental.....	2,254.22
02 65 00 00-0138	MO	21,000 Gallon (500 BBL), Steel, Open, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental.....	5,522.13
02 65 00 00-0139	MO	21,000 Gallon (500 BBL), Steel, Closed, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental	6,617.79
02 65 00 00-0140	MO	21,000 Gallon (500 BBL), Steel, Vapor Proof, Above Ground Temporary Holding Tanks, Monthly Rental	11,175.74

02 65 00 00-0141 Secondary Containment Berm (02 65 00 00-0129)

02 65 00 00-0142	MO	Secondary Containment Berm Monthly Rental	1,953.66
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02 80 Facility Remediation (02)**02 81 Transportation and Disposal of Hazardous Materials (02 80)****02 81 00 00-0001 Equipment Oil Drain And Disposal (02 81)**

02 81 00 00-0002	TRIP	Drain Oil Filled Equipment, Place In Approved Container And Transport To Disposal Site.....	630.18
		Note: Excludes Disposal Cost.	
02 81 00 00-0003	DRM	Disposal Of Non-Polychlorinated Biphenyl (PCB) Oil In Normal Landfill, Per Partial Or Full 55-Gallon Drum	99.03
		Note: Excludes draining, placing in approved container, and transporting to disposal site.	
02 81 00 00-0004	DRM	Disposal Of Non-Toxic Polychlorinated Biphenyl (PCB) Oil Into A Lined Landfill, Per Partial Or Full 55-Gallon Drum.....	450.12
		Note: Excludes draining, placing in approved container, and transporting to disposal site.	
02 81 00 00-0005	DRM	Disposal Of Toxic Polychlorinated Biphenyl (PCB) Oil By Incineration, Per Partial Or Full 55-Gallon Drum	810.22
		Note: Excludes draining, placing in approved container, and transporting to disposal site.	
02 81 00 00-0006	CF	Hazardous Polychlorinated Biphenyl (PCB) Oil Filled Equipment Disposal At Approved Site	108.58
		Note: Includes handling of equipment and disposal at approved site. Excludes draining of PCB contaminated oil prior to disposal.	

02 82 Asbestos Remediation (02 80)

See CSI section 01 56 16 00-0035 for temporary stud walls, 01 74 19 00-0039 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting for containment construction, 02 89 00 00-0015 for decontamination chambers.

02 82 13 Asbestos Abatement (02 82)**02 82 13 00-0001 Air Monitoring And Bulk Sampling, Asbestos Testing (02 82 13)**

Note: Includes packaging of sample for shipping, shipping to testing lab, chain of custody documentation, analysis of sample, lab report, and sample disposal. Polarizing Light Microscope (PLM), Phase Contrast Microscope (PCM), and Transmission Electron Microscope (TEM). Excludes sampling time.

02 82 13 00-0002	HR	Certified Asbestos Air Sampling Technician For Bulk Sampling Or Air Monitoring	87.48
02 82 13 00-0003	EA	48 Hours Or Longer Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	58.90
02 82 13 00-0004	EA	Next Day Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	69.06
02 82 13 00-0005	EA	Same Day Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	109.68
02 82 13 00-0006	EA	48 Hours Or Longer Turnaround, (Bulk) TEM Test, Asbestos Testing	188.90
02 82 13 00-0007	EA	Next Day Turnaround, (Bulk) TEM Test, Asbestos Testing	229.53
02 82 13 00-0008	EA	48 Hours Or Longer Turnaround, (Air) PCM Test, Asbestos Testing.....	46.72
02 82 13 00-0009	EA	Next Day Turnaround, (Air) PCM Test, Asbestos Testing.....	56.87
02 82 13 00-0010	EA	Same Day Turnaround, (Air) PCM Test, Asbestos Testing.....	77.19
02 82 13 00-0011	EA	48 Hours Or Longer Turnaround, (Air Point Counting) PLM Test	58.90
02 82 13 00-0012	EA	Next Day Turnaround, (Air Point Counting) PLM Test.....	69.06
02 82 13 00-0013	EA	Same Day Turnaround, (Air Point Counting) PLM Test	109.68
02 82 13 00-0014	EA	48 Hours Or Longer Turnaround, (Air) TEM Test, Asbestos Testing	188.90
02 82 13 00-0015	EA	Next Day Turnaround, (Air) TEM Test, Asbestos Testing	217.34
02 82 13 00-0016	EA	Same Day Turnaround, (Air) TEM Test, Asbestos Testing	302.65

02 82 16 Engineering Control of Asbestos Containing Materials (02 82)**02 82 16 00-0001 Asbestos Encapsulation (Lock-Down) (02 82 16)**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 82 16 00-0002	SF		Asbestos Encapsulant Spray Adhesive (Lock-Down), Per Coat.....	1.57	
02 82 16 00-0003	SF		Asbestos Binding Compound Encapsulant/Sealant, Per Coat Required (Fiberlock® ABC® Asbestos Binding Compound).....	2.15	
02 82 16 00-0004	SF		Asbestos Fiberspray Encapsulation (Fiberlock® ABC Fiberspray®).....	2.34	
02 82 16 00-0005	SF		Asbestos Acrylic Encasement/Encapsulation (Fiberlock® Lag-Kote®).....	2.54	
02 82 16 00-0006	SF		Water Activated Repair Cloth Encapsulant (Fiberlock® Lag-Kwik®).....	7.92	
02 82 16 00-0007	SF		Water Activated Repair Cloth Encapsulant (Fiberlock® Lag-Kloth®).....	8.99	

02 82 33 Removal and Disposal of Asbestos Containing Materials (02 82)

Note: Includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, lockdown encapsulant applied to surfaces, bagging, clean-up, vacuuming, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of SET for a quantity of less than 10 LF or SF (10 LF to 20 LF for ACM pipe insulation), followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project. This does not apply to glove bag projects.

02 82 33 00-0001 Pipe And Pipe Fittings Insulation, Asbestos Abatement And Disposal (02 82 33)

02 82 33 00-0002 Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0001)

Note: Diameter is outer size of insulation. Treat fittings as additional linear feet of insulation.

02 82 33 00-0003 Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0002)

See CSI section 02 82 33 00-0031 for projects with less than 10 LF.

02 82 33 00-0004	SET	>10 To 25 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	1,103.89	
		<i>For Work In Restricted Working Space, Add</i>	326.24	
02 82 33 00-0005	LF	>25 To 250 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	37.89	
		<i>For Work In Restricted Working Space, Add</i>	11.12	
02 82 33 00-0006	LF	>250 To 500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	28.63	
		<i>For Work In Restricted Working Space, Add</i>	8.34	
02 82 33 00-0007	LF	>500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	21.67	
		<i>For Work In Restricted Working Space, Add</i>	6.26	
02 82 33 00-0008	LF	>2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	16.46	
		<i>For Work In Restricted Working Space, Add</i>	4.69	
02 82 33 00-0009	LF	>10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	14.42	
		<i>For Work In Restricted Working Space, Add</i>	4.08	

02 82 33 00-0010 >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0002)

See CSI section 02 82 33 00-0031 for projects with less than 10 LF.

02 82 33 00-0011	SET	>10 To 25 LF, >6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	1,120.32	
		<i>For Work In Restricted Working Space, Add</i>	326.24	
02 82 33 00-0012	LF	>25 To 250 LF, >6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	44.28	
		<i>For Work In Restricted Working Space, Add</i>	12.79	
02 82 33 00-0013	LF	>250 To 500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	33.62	
		<i>For Work In Restricted Working Space, Add</i>	9.59	
02 82 33 00-0014	LF	>500 To 2,500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	25.61	
		<i>For Work In Restricted Working Space, Add</i>	7.19	
02 82 33 00-0015	LF	>2,500 To 10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	19.62	
		<i>For Work In Restricted Working Space, Add</i>	5.39	
02 82 33 00-0016	LF	>10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	17.28	
		<i>For Work In Restricted Working Space, Add</i>	4.69	

02 82 33 00-0017 >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0002)

See CSI section 02 82 33 00-0031 for projects with less than 10 LF.

02 82 33 00-0018	SET	Up To 20 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	1,136.76	
		<i>For Work In Restricted Working Space, Add</i>	326.24	
02 82 33 00-0019	LF	>20 To 250 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	59.03	
		<i>For Work In Restricted Working Space, Add</i>	17.05	
02 82 33 00-0020	LF	>250 To 500 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	44.82	
		<i>For Work In Restricted Working Space, Add</i>	12.79	
02 82 33 00-0021	LF	>500 To 2,500 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	34.17	
		<i>For Work In Restricted Working Space, Add</i>	9.59	
02 82 33 00-0022	LF	>2,500 To 10,000 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	26.16	
		<i>For Work In Restricted Working Space, Add</i>	7.19	
02 82 33 00-0023	LF	>10,000 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	23.04	
		<i>For Work In Restricted Working Space, Add</i>	6.26	

02 82 33 00-0024 >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0002)

See CSI section 02 82 33 00-0031 for projects with less than 10 LF.

02 82 33 00-0025	SET	Up To 20 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	1,153.19	
		<i>For Work In Restricted Working Space, Add</i>	326.24	
02 82 33 00-0026	LF	>20 To 250 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	81.18	
		<i>For Work In Restricted Working Space, Add</i>	23.45	
02 82 33 00-0027	LF	>250 To 500 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	61.62	
		<i>For Work In Restricted Working Space, Add</i>	17.58	
02 82 33 00-0028	LF	>500 To 2,500 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	46.97	
		<i>For Work In Restricted Working Space, Add</i>	13.19	
02 82 33 00-0029	LF	>2,500 To 10,000 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	35.96	
		<i>For Work In Restricted Working Space, Add</i>	9.89	
02 82 33 00-0030	LF	>10,000 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	31.68	
		<i>For Work In Restricted Working Space, Add</i>	8.60	

02 Existing Conditions**02 80 Facility Remediation****02 82 Asbestos Remediation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 82 33 00-0031	Glove Bag Method, Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0031) Note: Solid isolation barriers and plastic sheeting for containment construction (except on floor) are not required for glove bag projects unless required by local codes.		
02 82 33 00-0032	SET Glove Bag For First 3 LF Pipe Insulation, Asbestos Abatement And Disposal <i>For Work In Restricted Working Space, Add</i>	704.83	209.97
02 82 33 00-0033	LF >3 To 20 LF Additional Glove Bag Work for Pipe Insulation <i>For Work In Restricted Working Space, Add</i>	118.29	35.00
02 82 33 00-0034	LF >20 To 250 LF Additional Glove Bag Work for Pipe Insulation <i>For Work In Restricted Working Space, Add</i>	46.92	13.58
02 82 33 00-0035	LF >250 To 500 LF Additional Glove Bag Work for Pipe Insulation <i>For Work In Restricted Working Space, Add</i>	35.59	10.19
02 82 33 00-0036	LF >500 LF Additional Glove Bag Work for Pipe Insulation <i>For Work In Restricted Working Space, Add</i>	27.11	7.64
02 82 33 00-0037	Thermal Insulation, Asbestos Abatement And Disposal (02 82 33)		
02 82 33 00-0038	Other Thermal Insulation, Up To 3" Thickness, Asbestos Abatement And Disposal (02 82 33 00-0037) Note: e.g., duct, boiler, tank, etc.		
02 82 33 00-0039	SET Up To 20 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	1,097.72	
02 82 33 00-0040	SF >20 To 500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....	37.48	
02 82 33 00-0041	SF >500 To 2,500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....	29.60	
02 82 33 00-0042	SF >2,500 To 10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....	22.30	
02 82 33 00-0043	SF >10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....	16.83	
02 82 33 00-0044	Surfacing Material, Asbestos Abatement And Disposal (02 82 33)		
02 82 33 00-0045	Fireproofing For Small Areas, Asbestos Abatement And Disposal (02 82 33 00-0044) Note: For asbestos abatement for up to 1 SF sections to expose area for attachments. See CSI section 02 82 33 00-0047 for areas > 1 SF see CSI section.		
02 82 33 00-0046	EA Up To 1 SF, Fireproofing For Small Areas, Asbestos Abatement And Disposal..... Note: For asbestos abatement for up to 1 SF sections to expose steel area for welding attachments.	181.65	
02 82 33 00-0047	Fireproofing, Asbestos Abatement And Disposal (02 82 33 00-0044) Note: Exposed surface area, includes associated overspray.		
02 82 33 00-0048	SET Up To 20 SF, Fireproofing, Asbestos Abatement And Disposal	1,097.72	
02 82 33 00-0049	SF >20 To 500 SF, Fireproofing, Asbestos Abatement And Disposal.....	44.89	
02 82 33 00-0050	SF >500 To 2,500 SF, Fireproofing, Asbestos Abatement And Disposal	33.76	
02 82 33 00-0051	SF >2,500 To 10,000 SF, Fireproofing, Asbestos Abatement And Disposal.....	25.43	
02 82 33 00-0052	SF >10,000 SF, Fireproofing, Asbestos Abatement And Disposal	19.16	
02 82 33 00-0053	Acoustical Plaster, Asbestos Abatement And Disposal (02 82 33 00-0044) Note: Remove surface coat from brown coat or remove entire assembly, including lathe and finish materials.		
02 82 33 00-0054	SET Up To 20 SF, Acoustical Plaster, Asbestos Abatement And Disposal	1,094.30	
02 82 33 00-0055	SF >20 To 500 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....	18.85	
02 82 33 00-0056	SF >500 To 2,500 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....	14.32	
02 82 33 00-0057	SF >2,500 To 10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....	10.69	
02 82 33 00-0058	SF >10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....	7.97	
02 82 33 00-0059	Gypsum Wall Board, Asbestos Abatement And Disposal (02 82 33 00-0044)		
02 82 33 00-0060	SET Up To 20 SF, Gypsum Wall Board, Asbestos Abatement And Disposal..... <i>For Additional Layer, Add</i>	1,101.15	299.05
02 82 33 00-0061	SF >20 To 500 SF, Gypsum Wall Board, Asbestos Abatement And Disposal <i>For Additional Layer, Add</i>	14.54	3.92
02 82 33 00-0062	SF >500 To 2,500 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal <i>For Additional Layer, Add</i>	10.69	2.87
02 82 33 00-0063	SF >2,500 To 10,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal <i>For Additional Layer, Add</i>	8.42	2.24
02 82 33 00-0064	SF >10,000 To 50,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal <i>For Additional Layer, Add</i>	6.62	1.75
02 82 33 00-0065	SF >50,000 To 100,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal..... <i>For Additional Layer, Add</i>	5.25	1.37
02 82 33 00-0066	SF >100,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal..... <i>For Additional Layer, Add</i>	4.26	1.10
02 82 33 00-0067	Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal (02 82 33 00-0044)		
02 82 33 00-0068	SET Up To 25 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal.....	1,094.30	
02 82 33 00-0069	SF >25 To 500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal.....	27.37	
02 82 33 00-0070	SF >500 To 2,500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	20.12	
02 82 33 00-0071	SF >2,500 To 10,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	15.77	
02 82 33 00-0072	SF >10,000 To 50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	12.32	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 82 33 00-073	SF		>50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal.....	8.88	
02 82 33 00-0074			Stucco, Asbestos Abatement And Disposal (02 82 33 00-0044)		
02 82 33 00-0075	SET		Up To 20 SF, Stucco, Asbestos Abatement And Disposal	1,101.15	
02 82 33 00-0076	SF		>20 To 500 SF, Stucco, Asbestos Abatement And Disposal	23.91	
02 82 33 00-0077	SF		>500 To 2,500 SF, Stucco, Asbestos Abatement And Disposal	17.98	
02 82 33 00-0078	SF		>2,500 To 10,000 SF, Stucco, Asbestos Abatement And Disposal	13.58	
02 82 33 00-0079	SF		>10,000 SF, Stucco, Asbestos Abatement And Disposal	10.24	
02 82 33 00-0080			Spray On Acoustical Ceiling, Asbestos Abatement And Disposal (02 82 33 00-0044)		
02 82 33 00-0081	SET		Up To 50 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	1,101.15	
02 82 33 00-0082	SF		>50 To 500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....	12.35	
02 82 33 00-0083	SF		>500 To 2,500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....	9.62	
02 82 33 00-0084	SF		>2,500 To 10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....	7.07	
02 82 33 00-0085	SF		>10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....	5.36	
02 82 33 00-0086			Flooring Material, Asbestos Abatement And Disposal (02 82 33)		
02 82 33 00-0087			Floor Tile, Linoleum, Carpet Or Base, Asbestos Abatement And Disposal (02 82 33 00-0086)		
02 82 33 00-0088			Floor Tile, Asbestos Abatement And Disposal (02 82 33 00-0087) Note: Single layer or first of multiple layers. Excludes mastic.		
02 82 33 00-0089	SET		Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal.....	1,090.19	
			<i>For Each Additional Layer, Add</i>	163.53	
02 82 33 00-0090	SF		>100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal.....	7.68	
			<i>For Each Additional Layer, Add</i>	1.15	
02 82 33 00-0091	SF		>500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal.....	6.30	
			<i>For Each Additional Layer, Add</i>	0.95	
02 82 33 00-0092	SF		>2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal.....	5.03	
			<i>For Each Additional Layer, Add</i>	0.75	
02 82 33 00-0093	SF		>10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal.....	3.49	
			<i>For Each Additional Layer, Add</i>	0.52	
02 82 33 00-0094			Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal (02 82 33 00-0087) Note: Single layer or first of multiple layers. Excludes mastic.		
02 82 33 00-0095	SET		Up To 100 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal.....	1,090.19	
			<i>For Each Additional Layer, Add</i>	163.53	
02 82 33 00-0096	SF		>100 To 500 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal.....	7.68	
			<i>For Each Additional Layer, Add</i>	1.15	
02 82 33 00-0097	SF		>500 To 2,500 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal.....	6.32	
			<i>For Each Additional Layer, Add</i>	0.95	
02 82 33 00-0098	SF		>2,500 To 10,000 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal.....	5.74	
			<i>For Each Additional Layer, Add</i>	0.86	
02 82 33 00-0099	SF		>10,000 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal.....	4.64	
			<i>For Each Additional Layer, Add</i>	0.70	
02 82 33 00-0100			Carpet, Asbestos Abatement And Disposal (02 82 33 00-0087)		
02 82 33 00-0101	SET		Up To 100 SF, Non-Friable Carpet, Asbestos Abatement And Disposal	1,090.19	
02 82 33 00-0102	SF		>100 To 500 SF, Non-Friable Carpet, Asbestos Abatement And Disposal.....	6.01	
02 82 33 00-0103	SF		>500 To 2,500 SF, Non-Friable Carpet, Asbestos Abatement And Disposal.....	4.87	
02 82 33 00-0104	SF		>2,500 To 10,000 SF, Non-Friable Carpet, Asbestos Abatement And Disposal.....	3.57	
02 82 33 00-0105	SF		>10,000 SF, Non-Friable Carpet, Asbestos Abatement And Disposal.....	2.72	
02 82 33 00-0106			Wall Or Cove Base, Asbestos Abatement And Disposal (02 82 33 00-0087) Note: Up to 12".		
02 82 33 00-0107	SET		Up To 50 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	365.90	
02 82 33 00-0108	LF		>50 To 100 LF, Wall Base And Mastic, Asbestos Abatement And Disposal.....	4.97	
02 82 33 00-0109	LF		>100 To 500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal.....	3.04	
02 82 33 00-0110	LF		>500 To 2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal.....	1.95	
02 82 33 00-0111	LF		>2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal.....	1.41	
02 82 33 00-0112			Mastic, Asbestos Abatement And Disposal (02 82 33 00-0086) Note: Applies to single layer or bottom layer only of multiple layers. Non hydrocarbon with pine, citrus or no odor.		
02 82 33 00-0113	SET		Up To 200 SF, Mastic, Asbestos Abatement And Disposal	1,094.30	
			Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0114	SF		>200 To 500 SF, Mastic, Asbestos Abatement And Disposal.....	2.78	
			Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0115	SF		>500 To 2,500 SF, Mastic, Asbestos Abatement And Disposal.....	2.06	
			Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0116	SF		>2,500 To 10,000 SF, Mastic, Asbestos Abatement And Disposal.....	1.61	
			Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0117	SF		>10,000 SF, Mastic, Asbestos Abatement And Disposal.....	1.29	
			Note: Applies to bottom layer only if multiple layers.		

02 Existing Conditions**02 80 Facility Remediation****02 82 Asbestos Remediation**
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02 82 33 00-0118	Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal (02 82 33 00-0086)	
	Note: Includes finish wood, asbestos barrier paper, cleanup of sub-wood floor, fasteners, wood fillers and protection of clean crawl space from contamination.	
02 82 33 00-0119	SET Up To 100 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	1,114.85
02 82 33 00-0120	SF >100 To 500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	8.83
02 82 33 00-0121	SF >500 To 2,500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	6.52
02 82 33 00-0122	SF >2,500 To 10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	5.17
02 82 33 00-0123	SF >10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	4.07
02 82 33 00-0124	Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal (02 82 33 00-0086)	
02 82 33 00-0125	SET Up To 100 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal.....	1,101.14
02 82 33 00-0126	SF >100 To 500 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal.....	9.84
02 82 33 00-0127	SF >500 To 2,500 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal.....	6.49
	Note: Includes detachment of mounted objects before removal.	
02 82 33 00-0128	SF >2,500 To 10,000 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal.....	5.12
02 82 33 00-0129	SF >10,000 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal.....	4.22
02 82 33 00-0130	Roofing, Asbestos Abatement And Disposal (02 82 33)	
02 82 33 00-0131	Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0130)	
	Note: Includes roofing, flashing, sheet metal, insulation, pitch pockets, board etc.	
02 82 33 00-0132	Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0131)	
02 82 33 00-0133	SET Up To 125 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	1,121.70
02 82 33 00-0134	SF >125 To 1,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	7.22
02 82 33 00-0135	SF >1,000 To 5,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	5.83
02 82 33 00-0136	SF >5,000 To 10,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	4.72
02 82 33 00-0137	SF >10,000 To 20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	3.60
02 82 33 00-0138	SF >20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	2.77
02 82 33 00-0139	>2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0131)	
02 82 33 00-0140	SET Up To 110 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	1,147.71
02 82 33 00-0141	SF >110 To 1,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	8.47
02 82 33 00-0142	SF >1,000 To 5,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	6.86
02 82 33 00-0143	SF >5,000 To 10,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	5.63
02 82 33 00-0144	SF >10,000 To 20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	4.35
02 82 33 00-0145	SF >20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	3.40
02 82 33 00-0146	>5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0131)	
02 82 33 00-0147	SET Up To 110 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	1,177.84
02 82 33 00-0148	SF >110 To 1,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	9.61
02 82 33 00-0149	SF >1,000 To 5,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	7.82
02 82 33 00-0150	SF >5,000 To 10,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	6.47
02 82 33 00-0151	SF >10,000 To 20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	5.05
02 82 33 00-0152	SF >20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	3.98
02 82 33 00-0153	Shingles And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0130)	
02 82 33 00-0154	Shingles And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0153)	
02 82 33 00-0155	SET Up To 125 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal.....	1,096.01
	Note: Single or first of multiple layers.	
02 82 33 00-0156	SF >125 To 1,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal.....	7.02
	Note: Single or first of multiple layers.	
	For Each Additional Layer, Add	1.40
02 82 33 00-0157	SF >1,000 To 5,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal.....	5.63
	Note: Single or first of multiple layers.	
	For Each Additional Layer, Add	1.13
02 82 33 00-0158	SF >5,000 To 10,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal.....	4.52
	Note: Single or first of multiple layers.	
	For Each Additional Layer, Add	0.90

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0159	SF		>10,000 To 20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	3.40	
			<i>For Each Additional Layer, Add</i>	0.68	
02 82 33 00-0160	SF		>20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	2.57	
			<i>For Each Additional Layer, Add</i>	0.51	
02 82 33 00-0161			Roof Penetration Mastic, Asbestos Abatement And Disposal (02 82 33 00-0130)		
02 82 33 00-0162	SET		Up To 10 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	363.17	
02 82 33 00-0163	SF		>10 To 50 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	2.79	
02 82 33 00-0164	SF		>50 To 100 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	2.30	
02 82 33 00-0165	LF		>100 To 250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	1.86	
02 82 33 00-0166	SF		>250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	1.37	
02 82 33 00-0167			Roof Curb Mastic, Asbestos Abatement And Disposal (02 82 33 00-0130)		
02 82 33 00-0168	SET		Up To 10 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	363.17	
02 82 33 00-0169	LF		>10 To 20 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	8.22	
02 82 33 00-0170	LF		>20 To 50 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	6.59	
02 82 33 00-0171	LF		>50 To 150 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	5.51	
02 82 33 00-0172	LF		>150 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	3.98	
02 82 33 00-0173			Asbestos-Cement Products, Asbestos Abatement And Disposal (02 82 33)		
02 82 33 00-0174			Interior Asbestos-Cement Board, Asbestos Abatement And Disposal (02 82 33 00-0173)		
			Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0175	SET		Up To 100 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal..... Note: Includes detachment of mounted objects before removal.	1,101.14	
02 82 33 00-0176	SF		>100 To 500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal..... Note: Includes detachment of mounted objects before removal.	7.55	
02 82 33 00-0177	SF		>500 To 2,500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal..... Note: Includes detachment of mounted objects before removal.	3.85	
02 82 33 00-0178	SF		>2,500 To 10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal..... Note: Includes detachment of mounted objects before removal.	3.10	
02 82 33 00-0179	SF		>10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal..... Note: Includes detachment of mounted objects before removal.	2.72	
02 82 33 00-0180			Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal (02 82 33 00-0173)		
02 82 33 00-0181	SET		Up To 100 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	1,101.14	
02 82 33 00-0182	SF		>100 To 500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	6.57	
02 82 33 00-0183	SF		>500 To 2,500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	3.44	
02 82 33 00-0184	SF		>2,500 To 10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	2.78	
02 82 33 00-0185	SF		>10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	2.43	
02 82 33 00-0186			Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal (02 82 33 00-0173)		
02 82 33 00-0187	SET		Up To 20 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	922.64	
02 82 33 00-0188	LF		>20 To 100 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	38.71	
02 82 33 00-0189	LF		>100 To 250 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	29.45	
02 82 33 00-0190	LF		>250 To 500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	22.49	
02 82 33 00-0191	LF		>500 To 2,500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	17.28	
02 82 33 00-0192	LF		>2,500 To 10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	13.37	
02 82 33 00-0193	LF		>10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	13.09	
02 82 33 00-0194			Exterior Transite Siding, Asbestos Abatement And Disposal (02 82 33 00-0173)		
02 82 33 00-0195	SET		Up To 125 SF, Exterior Transite Siding, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	1,110.66	
02 82 33 00-0196	SF		>125 To 1,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	5.93	
02 82 33 00-0197	SF		>1,000 To 5,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	4.77	
02 82 33 00-0198	SF		>5,000 To 10,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	3.85	
02 82 33 00-0199	SF		>10,000 To 20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	2.92	
02 82 33 00-0200	SF		>20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	2.22	
02 82 33 00-0201			Asbestos Contaminated Debris, Asbestos Abatement And Disposal (02 82 33)		
02 82 33 00-0202			Asbestos Contaminated Debris, Asbestos Abatement And Disposal (02 82 33 00-0201)		
02 82 33 00-0203	SET		Up To 10 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	741.41 217.49	
02 82 33 00-0204	CF		>10 To 100 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	73.72 21.62	
02 82 33 00-0205	CF		>100 To 250 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	49.70 14.42	

02 Existing Conditions**02 80 Facility Remediation****02 82 Asbestos Remediation**
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02 82 33 00-0206	CF	>250 To 500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal.....	37.74
		<i>For Work In Restricted Working Space, Add</i>	10.83
02 82 33 00-0207	CF	>500 To 2,500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal.....	30.47
		<i>For Work In Restricted Working Space, Add</i>	8.65
02 82 33 00-0208	CF	>2,500 To 10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal.....	26.15
		<i>For Work In Restricted Working Space, Add</i>	7.35
02 82 33 00-0209	CF	>10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal.....	23.69
		<i>For Work In Restricted Working Space, Add</i>	6.62
02 82 33 00-0210		Other Asbestos Containing Materials, Asbestos Abatement And Disposal ^(02 82 33 00-0210)	
02 82 33 00-0211		30" To 36" Fire Door, Asbestos Abatement And Disposal ^(02 82 33 00-0210)	
02 82 33 00-0212	SET	Up To 1 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal.....	369.88
02 82 33 00-0213	EA	>1 To 20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	137.89
02 82 33 00-0214	EA	>20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	124.84
02 82 33 00-0215		HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal ^(02 82 33 00-0210)	
02 82 33 00-0216	SET	Up To 25 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	362.82
02 82 33 00-0217	LF	>25 To 50 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	7.44
02 82 33 00-0218	LF	>50 To 100 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	5.59
02 82 33 00-0219	LF	>100 To 250 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	4.81
02 82 33 00-0220	LF	>250 To 1,000 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	4.14
02 82 33 00-0221	LF	>1,000 To 2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	3.55
02 82 33 00-0222	LF	>2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	3.07
02 82 33 00-0223		Grout, Asbestos Abatement And Disposal ^(02 82 33 00-0210)	
		Note: e.g. flue grout.	
02 82 33 00-0224	SET	Up To 20 LF, Grout, Asbestos Abatement And Disposal.....	362.71
02 82 33 00-0225	LF	>20 To 50 LF, Grout, Asbestos Abatement And Disposal	14.29
02 82 33 00-0226	LF	>50 To 100 LF, Grout, Asbestos Abatement And Disposal	9.85
02 82 33 00-0227	LF	>100 To 250 LF, Grout, Asbestos Abatement And Disposal	8.43
02 82 33 00-0228	LF	>250 To 1,000 LF, Grout, Asbestos Abatement And Disposal.....	7.25
02 82 33 00-0229	LF	>1,000 To 2,500 LF, Grout, Asbestos Abatement And Disposal	6.25
02 82 33 00-0230	LF	>2,500 LF, Grout, Asbestos Abatement And Disposal.....	5.36
02 82 33 00-0231		Gaskets, Asbestos Abatement And Disposal ^(02 82 33 00-0210)	
		Note: e.g. rope, web cloth, flat.	
02 82 33 00-0232	SET	Up To 15 LF, Gaskets, Asbestos Abatement And Disposal.....	362.82
02 82 33 00-0233	LF	>15 To 50 LF, Gaskets, Asbestos Abatement And Disposal	19.26
02 82 33 00-0234	LF	>50 To 250 LF, Gaskets, Asbestos Abatement And Disposal	14.44
02 82 33 00-0235	LF	>250 To 500 LF, Gaskets, Asbestos Abatement And Disposal	12.31
02 82 33 00-0236	LF	>500 To 1,500 LF, Gaskets, Asbestos Abatement And Disposal	11.08
02 82 33 00-0237	LF	>1,500 To 2,500 LF, Gaskets, Asbestos Abatement And Disposal	9.97
02 82 33 00-0238	LF	>2,500 LF, Gaskets, Asbestos Abatement And Disposal	9.48
02 82 33 00-0239		Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal ^(02 82 33 00-0210)	
		Note: e.g. grid, spline, or glued on.	
02 82 33 00-0240	SET	Up To 40 SF, Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal.....	731.82
		Note: Including Glue Removal	
02 82 33 00-0241	SF	>40 To 1,000 SF, Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal	15.54
		Note: Including Glue Removal	
02 82 33 00-0242	SF	>1,000 To 2,500 SF, Ceiling Tile, Asbestos Abatement And Disposal	7.55
		Note: Including Glue Removal	
02 82 33 00-0243	SF	>2,500 To 10,000 SF, Ceiling Tile, Asbestos Abatement And Disposal	5.15
		Note: Including Glue Removal	
02 82 33 00-0244	SF	>10,000 SF, Ceiling Tile, Asbestos Abatement And Disposal	4.40
		Note: Including Glue Removal	
02 82 33 00-0245		Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal ^(02 82 33 00-0210)	
		Note: Includes ceiling tile, asbestos barrier paper, and furring strips.	
02 82 33 00-0246	SET	Up To 50 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	728.67
02 82 33 00-0247	SF	>50 To 1,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	15.54
02 82 33 00-0248	SF	>1,000 To 2,500 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	7.55
02 82 33 00-0249	SF	>2,500 To 10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	5.15
02 82 33 00-0250	SF	>10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	4.40
02 82 33 00-0251		Caulking, Asbestos Abatement And Disposal ^(02 82 33 00-0210)	
02 82 33 00-0252		Non Friable Caulking, Asbestos Abatement And Disposal ^(02 82 33 00-0251)	
02 82 33 00-0253	SET	Up To 25 LF, Non-Friable Asbestos Or PCB Contaminated Caulking, Asbestos Abatement And Disposal	362.71
02 82 33 00-0254	LF	>25 To 50 LF, Non-Friable Asbestos Or PCB Contaminated Caulking, Asbestos Abatement And Disposal.....	10.72

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 82 33 00-0255	LF	>50 To 100 LF, Non Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	7.56	
02 82 33 00-0256	LF	>100 To 250 LF, Non Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	5.63	
02 82 33 00-0257	LF	>250 To 1,000 LF, Non Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	4.23	
02 82 33 00-0258	LF	>1,000 To 2,500 LF, Non Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	3.35	
02 82 33 00-0259	LF	>2,500 LF, Non Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	2.91	

02 82 33 00-0260 Window Putty, Asbestos Abatement And Disposal (02 82 33 00-0210)

02 82 33 00-0261	SET	Up To 10 LF, Window Putty, Asbestos Abatement And Disposal	362.71	
02 82 33 00-0262	LF	>10 To 50 LF, Window Putty, Asbestos Abatement And Disposal	14.29	
02 82 33 00-0263	LF	>50 To 100 LF, Window Putty, Asbestos Abatement And Disposal	9.85	
02 82 33 00-0264	LF	>100 To 250 LF, Window Putty, Asbestos Abatement And Disposal	8.43	
02 82 33 00-0265	LF	>250 To 1,000 LF, Window Putty, Asbestos Abatement And Disposal	7.25	
02 82 33 00-0266	LF	>1,000 LF, Window Putty, Asbestos Abatement And Disposal	6.25	

02 82 33 00-0267 Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal (02 82 33 00-0210)

02 82 33 00-0268	SET	Up To 4 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	756.53	
02 82 33 00-0269	EA	>4 To 40 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	72.77	
02 82 33 00-0270	EA	>40 To 60 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	51.14	
02 82 33 00-0271	EA	>60 To 125 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	40.38	
02 82 33 00-0272	EA	>125 To 625 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	33.84	
02 82 33 00-0273	EA	>625 To 1,500 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	29.95	
02 82 33 00-0274	EA	>1,500 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	27.74	

02 83 Lead Remediation (02 80)

See CSI section 01 56 16 00-0035 for temporary stud walls, 01 74 19 00-0039 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting for containment construction, 02 89 00 00-0015 for decontamination chambers.

02 83 19 Lead-Based Paint Remediation (02 83)

02 83 19 13 Lead-Based Paint Abatement (02 83 19)

Note: Includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, bagging, clean-up, vacuuming, transportation for up to 25 miles, disposal, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete removal and disposal of lead contaminated materials in accordance with EPA and local regulations. Where types of Lead are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. See CSI section 01 56 16 00-0035 for temporary stud walls, 01 74 19 00-0039 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting.

02 83 19 13-0001 Scrape And Sand Lead Paint (02 83 19 13)

02 83 19 13-0002	SF	Hand Scrape Lead Paint From Concrete Or Masonry Surfaces	1.23	
02 83 19 13-0003	SF	Scrape Lead Paint, Repair And Sand Severely Damaged Drywall Surfaces	1.28	
02 83 19 13-0004	SF	Hand Scrape Lead Paint From Wood Surfaces	1.69	
02 83 19 13-0005	SF	Hand Scraping And Sanding Lead Paint From Metal Surfaces	1.74	

02 83 19 13-0006 Lead Sampling And Testing (02 83 19 13)

Note: Includes packaging of sample for shipping, shipping to testing lab, chain of custody documentation, analysis of sample, lab report, and sample disposal. Excludes sampling time.

02 83 19 13-0007	HR	Certified Lead Sampling Technician For Bulk Sampling Or Air Monitoring	85.44	
02 83 19 13-0008	EA	X-Ray Fluorescence (XRF) Lead Testing	70.02	
Note: Including Technician, 3 Readings Per Surface And Lab Fee				
02 83 19 13-0009	EA	5 Day Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee	67.03	
02 83 19 13-0010	EA	48 Hour Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee	101.56	
02 83 19 13-0011	EA	24 Hour Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee	142.18	
02 83 19 13-0012	EA	5 Day Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee	26.41	
02 83 19 13-0013	EA	24 Hour Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee	40.62	
02 83 19 13-0014	EA	8 Hour Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee	50.78	
02 83 19 13-0015	EA	5 Day Turnaround Soluble Threshold Limit Concentration (STLC) Lead Test And Lab Fee	67.03	
02 83 19 13-0016	EA	3 Day Turnaround Soluble Threshold Limit Concentration (STLC) Lead Test And Lab Fee	101.56	
02 83 19 13-0017	EA	5 Day Turnaround Lead Wipe Samples And Lab Fee	11.17	
02 83 19 13-0018	EA	24 Hour Turnaround Lead Wipe Samples And Lab Fee	15.23	
02 83 19 13-0019	EA	8 Hour Turnaround Lead Wipe Samples And Lab Fee	22.34	
02 83 19 13-0020	EA	5 Day Turnaround Lead Air Samples And Lab Fee	11.17	
02 83 19 13-0021	EA	24 Hour Turnaround Lead Air Samples And Lab Fee	15.23	
02 83 19 13-0022	EA	8 Hour Turnaround Lead Air Samples And Lab Fee	22.34	
02 83 19 13-0023	EA	5 Day Turnaround Lead Water Test and Lab Fee	40.62	
02 83 19 13-0024	EA	24 Hour Turnaround Lead Water Test and Lab Fee	60.94	
02 83 19 13-0025	EA	8 Hour Turnaround Lead Water Test and Lab Fee	81.25	
02 83 19 13-0026	EA	5 Day Turnaround Lead Paint Chip Test and Lab Fee	42.01	
02 83 19 13-0027	EA	5 Day Turnaround Lead Soil Test and Lab Fee	84.02	

02 83 19 13-0028 Minimum Charge For Lead-Based Paint Remediation (02 83 19 13)

02 83 19 13-0029	EA	Lead-Based Paint Remediation Minimum Show Up Charge	1,171.35	
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Note: For projects where the total lead-based paint remediation charge is less than the minimum charge, use task "Minimum Charge For Lead-Based Paint Remediation" exclusively. Task "Minimum Charge For Lead-Based Paint Remediation" should not be used in conjunction with any other tasks in this section. Includes air sample and personal air monitoring.

02 Existing Conditions**02 80 Facility Remediation****02 83 Lead Remediation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 83 19 13-0030		Chemical Stripping Of Lead Contaminated Material <small>(02 83 19 13)</small>	
Note: Per 0.02" (20 mils) application. Manufacture recommended operating temperatures not to be below 50 degrees. Includes heat gun (where required) for follow up, waste handling, packing and all personnel blood work, lab test fees and monitoring. Industrial coatings often contain other hazardous ingredients in addition to or in place of lead. These might include, but are not be limited to, chromium, cadmium and mercury.			
02 83 19 13-0031	SF	Balustrades, Chemical Stripping Of Lead Contaminated Material	32.83
		For 0.025" (25 mil) Application, Add	1.88
		For 0.03" (30 mil) Application, Add	2.97
02 83 19 13-0032	SF	Balustrades, Ornate, Chemical Stripping Of Lead Contaminated Material	48.65
		For 0.025" (25 mil) Application, Add	2.67
		For 0.03" (30 mil) Application, Add	4.15
02 83 19 13-0033	LF	Up To 6" Wide, Wood Trim, Chemical Stripping Of Lead Contaminated Material.....	14.12
		For 0.025" (25 mil) Application, Add	0.85
		For 0.03" (30 mil) Application, Add	1.37
		For 0.125" (125 mil) Application, Add	7.85
02 83 19 13-0034	LF	>6" To 12" Wide, Wood Trim, Chemical Stripping Of Lead Contaminated Material.....	28.78
		For 0.025" (25 mil) Application, Add	1.58
		For 0.03" (30 mil) Application, Add	2.46
		For 0.125" (125 mil) Application, Add	11.52
02 83 19 13-0035	SF	Cornice, Chemical Stripping Of Lead Contaminated Material.....	15.38
		For 0.025" (25 mil) Application, Add	1.01
		For 0.03" (30 mil) Application, Add	1.66
02 83 19 13-0036	SF	Cornice, Ornate, Chemical Stripping Of Lead Contaminated Material.....	43.38
		For 0.025" (25 mil) Application, Add	2.41
		For 0.03" (30 mil) Application, Add	3.76
02 83 19 13-0037	SF	Brick, Concrete Block, Concrete, Chemical Stripping Of Lead Contaminated Material.....	9.51
		For 0.025" (25 mil) Application, Add	0.67
		For 0.03" (30 mil) Application, Add	1.12
		For 0.125" (125 mil) Application, Add	8.14
02 83 19 13-0038	SF	Cabinets, Chemical Stripping Of Lead Contaminated Material.....	27.45
		For 0.025" (25 mil) Application, Add	1.56
		For 0.03" (30 mil) Application, Add	2.47
02 83 19 13-0039	SF	Cabinets, Ornate, Chemical Stripping Of Lead Contaminated Material.....	34.96
		For 0.025" (25 mil) Application, Add	1.94
		For 0.03" (30 mil) Application, Add	3.03
02 83 19 13-0040	SF	Plaster, Stucco and Drywall Surfaces, Chemical Stripping Of Lead Contaminated Material.....	13.08
		For 0.025" (25 mil) Application, Add	0.85
		For 0.03" (30 mil) Application, Add	1.39
02 83 19 13-0041	SF	Columns, Chemical Stripping Of Lead Contaminated Material.....	12.58
		For 0.025" (25 mil) Application, Add	0.87
		For 0.03" (30 mil) Application, Add	1.45
		For 0.125" (125 mil) Application, Add	10.29
02 83 19 13-0042	SF	Flush Doors, One Side, Chemical Stripping Of Lead Contaminated Material.....	11.09
		For 0.025" (25 mil) Application, Add	0.75
		For 0.03" (30 mil) Application, Add	1.24
02 83 19 13-0043	SF	Raised Panel Doors and Decorative Doors, Chemical Stripping Of Lead Contaminated Material.....	13.61
		For 0.025" (25 mil) Application, Add	0.87
		For 0.03" (30 mil) Application, Add	1.43
02 83 19 13-0044	SF	Sectional Panel Or Roll-Up Doors, Chemical Stripping Of Lead Contaminated.....	20.02
		For 0.025" (25 mil) Application, Add	1.24
		For 0.03" (30 mil) Application, Add	2.01
02 83 19 13-0045	EA	Electrical Devices, Chemical Stripping Of Lead Contaminated Material.....	57.12
		For 0.025" (25 mil) Application, Add	3.24
		For 0.03" (30 mil) Application, Add	5.10
02 83 19 13-0046	LF	Door Frames, Chemical Stripping Of Lead Contaminated Material.....	14.21
		For 0.025" (25 mil) Application, Add	0.90
		For 0.03" (30 mil) Application, Add	1.47
02 83 19 13-0047	SF	Wood Floors, Chemical Stripping Of Lead Contaminated Material.....	7.84
		For 0.025" (25 mil) Application, Add	0.58
		For 0.03" (30 mil) Application, Add	1.00
02 83 19 13-0048	SF	HVAC Grilles, Chemical Stripping Of Lead Contaminated Material.....	29.33
		For 0.025" (25 mil) Application, Add	1.66
		For 0.03" (30 mil) Application, Add	2.61
02 83 19 13-0049	SF	HVAC Grilles, Ornate, Chemical Stripping Of Lead Contaminated Material.....	34.96
		For 0.025" (25 mil) Application, Add	1.94
		For 0.03" (30 mil) Application, Add	3.03
02 83 19 13-0050	EA	Hinges, Chemical Stripping Of Lead Contaminated Material.....	18.44
		For 0.025" (25 mil) Application, Add	1.21
		For 0.03" (30 mil) Application, Add	1.99
02 83 19 13-0051	EA	Up To 6" Diameter Hangers, Chemical Stripping Of Lead Contaminated Material.....	22.69
		For 0.025" (25 mil) Application, Add	1.42
		For 0.03" (30 mil) Application, Add	2.31
		For 0.125" (125 mil) Application, Add	14.25
02 83 19 13-0052	LF	Up To 2" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material.....	6.36
		For 0.025" (25 mil) Application, Add	0.46
		For 0.03" (30 mil) Application, Add	0.78
		For 0.125" (125 mil) Application, Add	5.91
02 83 19 13-0053	LF	>2" To 4" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material.....	10.17
		For 0.025" (25 mil) Application, Add	0.65
		For 0.03" (30 mil) Application, Add	1.07
		For 0.125" (125 mil) Application, Add	6.86
02 83 19 13-0054	LF	>4" To 8" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material.....	18.20
		For 0.025" (25 mil) Application, Add	1.15
		For 0.03" (30 mil) Application, Add	1.87
		For 0.125" (125 mil) Application, Add	11.69
02 83 19 13-0055	LF	>8" To 12" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material.....	24.91
		For 0.025" (25 mil) Application, Add	1.53
		For 0.03" (30 mil) Application, Add	2.48
		For 0.125" (125 mil) Application, Add	14.81

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0056	LF		>12" To 16" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material.....	44.65	
			For 0.025" (25 mil) Application, Add	2.66	
			For 0.03" (30 mil) Application, Add	4.26	
			For 0.125" (125 mil) Application, Add	24.06	
02 83 19 13-0057	SF		>16" Diameter Pipes, Chemical Stripping Of Lead Contaminated Material, SF Of Surface Area	13.33	
			For 0.025" (25 mil) Application, Add	0.77	
			For 0.03" (30 mil) Application, Add	1.22	
			For 0.125" (125 mil) Application, Add	6.39	
02 83 19 13-0058	EA		Up To 12 SF Radiators, Chemical Stripping Of Lead Contaminated Material	264.84	
			For 0.025" (25 mil) Application, Add	14.63	
			For 0.03" (30 mil) Application, Add	22.81	
02 83 19 13-0059	SF		Flat And Raised Panel Wood Shutters, Chemical Stripping Of Lead Contaminated Material.....	18.70	
			For 0.025" (25 mil) Application, Add	1.47	
			For 0.03" (30 mil) Application, Add	2.55	
02 83 19 13-0060	SF		Louvered Wood Shutters, Chemical Stripping Of Lead Contaminated Material	20.46	
			For 0.025" (25 mil) Application, Add	1.56	
			For 0.03" (30 mil) Application, Add	2.68	
02 83 19 13-0061	SF		Siding, Chemical Stripping Of Lead Contaminated Material	10.64	
			For 0.025" (25 mil) Application, Add	0.77	
			For 0.03" (30 mil) Application, Add	1.30	
			For 0.125" (125 mil) Application, Add	9.80	
02 83 19 13-0062	SF		Soffit, Chemical Stripping Of Lead Contaminated Material	22.22	
			For 0.025" (25 mil) Application, Add	1.30	
			For 0.03" (30 mil) Application, Add	2.07	
			For 0.125" (125 mil) Application, Add	11.32	
02 83 19 13-0063	SF		Flat Steel Surfaces, Chemical Stripping Of Lead Contaminated Material	10.25	
			For 0.025" (25 mil) Application, Add	0.70	
			For 0.03" (30 mil) Application, Add	1.18	
			For 0.125" (125 mil) Application, Add	8.32	
02 83 19 13-0064	SF		Corrugated Steel, Chemical Stripping Of Lead Contaminated Material	11.64	
			For 0.025" (25 mil) Application, Add	0.77	
			For 0.03" (30 mil) Application, Add	1.28	
			For 0.125" (125 mil) Application, Add	8.67	
02 83 19 13-0065	SF		Steel Beams and Columns, Chemical Stripping Of Lead Contaminated Material.....	11.60	
			For 0.025" (25 mil) Application, Add	0.77	
			For 0.03" (30 mil) Application, Add	1.28	
			For 0.125" (125 mil) Application, Add	8.66	
02 83 19 13-0066	SF		Steel Trusses, Chemical Stripping Of Lead Contaminated Material	16.42	
			For 0.025" (25 mil) Application, Add	1.01	
			For 0.03" (30 mil) Application, Add	1.64	
			For 0.125" (125 mil) Application, Add	9.87	
02 83 19 13-0067	SF		Wood Surfaces, Chemical Stripping Of Lead Contaminated Material.....	11.60	
			For 0.025" (25 mil) Application, Add	0.77	
			For 0.03" (30 mil) Application, Add	1.28	
			For 0.125" (125 mil) Application, Add	8.66	
02 83 19 13-0068	SF		Windows (Sash, Sill, Jambs, Casing Trim), One Side, 1/1 Light, Chemical Stripping Of Lead Contaminated Material.....	26.65	
			For 0.025" (25 mil) Application, Add	1.52	
			For 0.03" (30 mil) Application, Add	2.41	
02 83 19 13-0069	SF		Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 2/2 Light, Chemical Stripping Of Lead Contaminated Material	29.16	
			For 0.025" (25 mil) Application, Add	1.65	
			For 0.03" (30 mil) Application, Add	2.60	
02 83 19 13-0070	SF		Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 4/4 Light, Chemical Stripping Of Lead Contaminated Material	30.86	
			For 0.025" (25 mil) Application, Add	1.74	
			For 0.03" (30 mil) Application, Add	2.72	
02 83 19 13-0071	SF		Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 6/6 Light, Chemical Stripping Of Lead Contaminated Material	32.57	
			For 0.025" (25 mil) Application, Add	1.82	
			For 0.03" (30 mil) Application, Add	2.85	
02 83 19 13-0072	SF		Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 8/8 Light Chemical Stripping Of Lead Contaminated Material	34.26	
			For 0.025" (25 mil) Application, Add	1.91	
			For 0.03" (30 mil) Application, Add	2.98	
02 83 19 13-0073	SF		Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 10/10 Light, Chemical Stripping Of Lead Contaminated Material	36.02	
			For 0.025" (25 mil) Application, Add	1.99	
			For 0.03" (30 mil) Application, Add	3.11	
02 83 19 13-0074	SF		Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 12/12 light Chemical Stripping Of Lead Contaminated Material	37.67	
			For 0.025" (25 mil) Application, Add	2.08	
			For 0.03" (30 mil) Application, Add	3.23	
02 83 19 13-0075	SF		Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 14/14 Light, Chemical Stripping Of Lead Contaminated Material	38.53	
			For 0.025" (25 mil) Application, Add	2.12	
			For 0.03" (30 mil) Application, Add	3.30	
02 83 19 13-0076	SF		Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 16/16 Light Chemical Stripping Of Lead Contaminated Material	39.39	
			For 0.025" (25 mil) Application, Add	2.16	
			For 0.03" (30 mil) Application, Add	3.36	
02 83 19 13-0077	SF		Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 20/20 Light, Chemical Stripping Of Lead Contaminated Material	40.22	
			For 0.025" (25 mil) Application, Add	2.20	
			For 0.03" (30 mil) Application, Add	3.42	
02 83 19 13-0078	SF		Metal Stairs, Chemical Stripping Of Lead Contaminated Material	53.18	
			For 0.025" (25 mil) Application, Add	3.04	
			For 0.03" (30 mil) Application, Add	4.80	
			For 0.125" (125 mil) Application, Add	24.76	

02 Existing Conditions**02 80 Facility Remediation****02 83 Lead Remediation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 83 19 13-0079	LF	Metal Single Hand Rail, Chemical Stripping Of Lead Contaminated Material.....	9.27
		<i>For 0.025" (25 mil) Application, Add</i>	0.61
		<i>For 0.03" (30 mil) Application, Add</i>	1.00
		<i>For 0.125" (125 mil) Application, Add</i>	6.64
02 83 19 13-0080	SF	Metal Railing And Posts, Chemical Stripping Of Lead Contaminated Material.....	27.07
		Note: The unit of measure "SF" is measured for "Length x Height". Work includes both sides of railing.	
		<i>For 0.025" (25 mil) Application, Add</i>	1.64
		<i>For 0.03" (30 mil) Application, Add</i>	2.64
		<i>For 0.125" (125 mil) Application, Add</i>	15.35
02 83 19 13-0081	SF	Metal Picket Fence, Chemical Stripping Of Lead Contaminated Material.....	29.56
		<i>For 0.025" (25 mil) Application, Add</i>	1.72
		<i>For 0.03" (30 mil) Application, Add</i>	2.72
		<i>For 0.125" (125 mil) Application, Add</i>	14.53

02 83 19 13-0082 Demolish Lead Contaminated Material (02 83 19 13)

Note: Includes waste handling, packing, all personnel blood work, lab test fees and monitoring. Industrial coatings often contain other hazardous ingredients in addition to or in place of lead. These might include, but are not be limited to, chromium, cadmium and mercury.

02 83 19 13-0083	SF	Demolish Ceiling Suspension System, Lead Contaminated Material.....	2.33
02 83 19 13-0084	SF	Demolish Suspended Ceiling System And Tile, Lead Contaminated Material.....	1.36
02 83 19 13-0085	SF	Demolish Acoustical Ceiling Tile, Lead Contaminated Material.....	0.87
02 83 19 13-0086	SF	Demolish Metal Pan Grid System, Lead Contaminated Material.....	1.35
02 83 19 13-0087	EA	Demolish Ceiling And Recessed Light Fixtures, Lead Contaminated Material.....	65.05
02 83 19 13-0088	EA	Demolish >2' x 4' Light Fixtures, Lead Contaminated Material.....	86.30
02 83 19 13-0089	SF	Demolish Non Load Bearing Partitions Of Plaster Or Stucco, Lath And Studs, Lead Contaminated Material.....	9.63
02 83 19 13-0090	SF	Demolish Non Load Bearing Partitions Of Gypsum Board And Studs, Lead Contaminated Material.....	5.39
02 83 19 13-0091	SF	Demolish Brick, Lead Contaminated Material.....	4.06
02 83 19 13-0092	SF	Demolish Concrete Block, Lead Contaminated Material.....	5.23
02 83 19 13-0093	SF	Demolish Tile, Lead Contaminated Material.....	3.95
02 83 19 13-0094	SF	Demolish Up To 6" Concrete, Lead Contaminated Material.....	5.93
02 83 19 13-0095	IN	Drilling, Up To 1/2" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth.....	4.61
02 83 19 13-0096	IN	Drilling, >1/2" To 1" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth.....	6.16
02 83 19 13-0097	LF	Demolish Wood Balustrades And Railings, Lead Contaminated Material.....	6.74
02 83 19 13-0098	LF	Demolish Up To 6" Wide Baseboard, Lead Contaminated Material.....	1.76
02 83 19 13-0099	LF	Demolish >6" To 12" Wide Baseboard, Lead Contaminated Material.....	2.19
02 83 19 13-0100	LF	Demolish Base Shoe Molding, Lead Contaminated Material.....	1.42
02 83 19 13-0101	SF	Demolish Concrete, Lead Contaminated Material.....	13.42
02 83 19 13-0102	LF	Demolish Cabinets, Lead Contaminated Material.....	31.26
02 83 19 13-0103	SF	Demolish Ceilings, Gypsum Board, Lead Contaminated Material.....	1.77
02 83 19 13-0104	SF	Demolish Up To 12" Diameter Columns, Lead Contaminated Material.....	17.32
02 83 19 13-0105	SF	Demolish Cornice, Lead Contaminated Material.....	2.30
02 83 19 13-0106	EA	Demolish Doors, Lead Contaminated Material.....	67.80
02 83 19 13-0107	LF	Demolish Door And Window Trim Or Frames, Lead Contaminated Material.....	2.07
02 83 19 13-0108	EA	Demolish Electrical Devices, Lead Contaminated Material.....	20.80
02 83 19 13-0109	LF	Demolish Up To 1" Diameter Electrical Conduit, Lead Contaminated Material.....	2.67
02 83 19 13-0110	LF	Demolish >1" To 2" Diameter Electrical Conduit, Lead Contaminated Material.....	4.44
02 83 19 13-0111	SF	Demolish Wood Floors, Lead Contaminated Material.....	3.20
02 83 19 13-0112	SF	Demolish Grilles, Lead Contaminated Material.....	3.77
02 83 19 13-0113	EA	Demolish Hinges, Lead Contaminated Material.....	7.56
02 83 19 13-0114	EA	Demolish Up To 6" Diameter Hangers, Lead Contaminated Material.....	16.26
02 83 19 13-0115	LF	Demolish Up To 2" Diameter Pipes, Lead Contaminated Material.....	6.67
02 83 19 13-0116	LF	Demolish >2" To 4" Diameter Pipes, Lead Contaminated Material.....	9.72
02 83 19 13-0117	LF	Demolish >4" To 8" Diameter Pipes, Lead Contaminated Material.....	14.69
02 83 19 13-0118	LF	Demolish >8" To 12" Diameter Pipes, Lead Contaminated Material.....	27.09
02 83 19 13-0119	EA	Demolish Radiators, Lead Contaminated Material.....	117.04
02 83 19 13-0120	EA	Demolish Shutters, Lead Contaminated Material.....	45.61
02 83 19 13-0121	SF	Demolish Siding, Lead Contaminated Material.....	1.81
02 83 19 13-0122	SF	Demolish Soffit, Lead Contaminated Material.....	1.54
02 83 19 13-0123	SF	Demolish Flat Steel Surfaces, Lead Contaminated Material.....	4.22
02 83 19 13-0124	SF	Demolish Steel Beams, Lead Contaminated Material.....	4.97
02 83 19 13-0125	SF	Demolish Trusses, Lead Contaminated Material.....	6.51
02 83 19 13-0126	SF	Demolish Walls, Wood, Lead Contaminated Material.....	4.82
02 83 19 13-0127	SF	Demolish Windows, Lead Contaminated Material.....	16.19
02 83 19 13-0128	SF	Demolish Metal Stair, Lead Contaminated Material.....	7.75
02 83 19 13-0129	LF	Demolish Single Metal Hand Rail, Lead Contaminated Material.....	5.70
02 83 19 13-0130	LF	Demolish Metal Railing And Posts, Lead Contaminated Material.....	9.30
02 83 19 13-0131	SF	Demolish Metal Picket Fence, Lead Contaminated Material.....	2.56
02 83 19 13-0132	SF	Demolish Plywood, Lead Contaminated Material.....	6.99
02 83 19 13-0133	SF	Demolish Planks (Various Sizes), Lead Contaminated Material.....	3.42
02 83 19 13-0134	EA	Demolish Metal Brackets Or Other Small Metal Shapes, Lead Contaminated Material.....	21.36
02 83 19 13-0135	SF	Demolish Ceramic Tile Block, Lead Contaminated Material.....	4.66
02 83 19 13-0136	LF	Demolish Metal Guard Rails, Lead Contaminated Material.....	12.82
02 83 19 13-0137	LF	Demolish Roof Metal Trim, Lead Contaminated Material.....	2.73
02 83 19 13-0138	LF	Demolish Rain Gutters, Lead Contaminated Material.....	4.69
02 83 19 13-0139	LF	Demolish Downspouts, Lead Contaminated Material.....	3.84
02 83 19 13-0140	SF	Demolish Corrugated Metal Roofing, Lead Contaminated Material.....	4.74
02 83 19 13-0141	LF	Demolish Roof Metal Flashing, Lead Contaminated Material.....	2.73
02 83 19 13-0142	LF	Demolish Fascia Board Up To 12", Lead Contaminated Material.....	6.84
02 83 19 13-0143	SF	Demolish Up To 100 SF Gypsum Wall Board, Lead Contaminated Material.....	6.84
02 83 19 13-0144	SF	Demolish >100 To 500 SF Gypsum Wall Board, Lead Contaminated Material.....	4.92
02 83 19 13-0145	SF	Demolish >500 To 2,500 SF Gypsum Wall Board, Lead Contaminated Material.....	3.84
02 83 19 13-0146	SF	Demolish >2,500 SF Gypsum Wall Board, Lead Contaminated Material.....	2.99
02 83 19 13-0147	SF	Demolish Up To 100 SF Plaster/Stucco, Lead Contaminated Material.....	21.36
02 83 19 13-0148	SF	Demolish >100 To 500 SF Plaster/Stucco, Lead Contaminated Material.....	15.19
02 83 19 13-0149	SF	Demolish >500 To 2,500 SF Plaster/Stucco, Lead Contaminated Material.....	11.39

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 83 19 13-0150	SF		Demolish >2,500 To 10,000 SF Plaster/Stucco, Lead Contaminated Material	8.55	
02 83 19 13-0151			Wet Sanding/Scraping Of Lead Contaminated Material (02 83 19 13)		
			Note: Remove loose, flaking lead-based paint to prepare for painting		
02 83 19 13-0152	SF		Wet Sand/Scrape Of Lead Contaminated Material To Prepare For Painting.....	3.26	
02 83 19 13-0153			Lead Abatement Encapsulation (02 83 19 13)		
			Note: Can also be used for asbestos contaminated encapsulation. Spray applied application unless task described otherwise.		
02 83 19 13-0154	SF		Balustrades, Lead Abatement Encapsulation	5.94	
02 83 19 13-0155	LF		Up To 6" Wide, Baseboard, Lead Abatement Encapsulation.....	5.85	
02 83 19 13-0156	LF		>6" To 12" Wide, Baseboard, Lead Abatement Encapsulation.....	7.97	
02 83 19 13-0157	SF		Brick, Concrete Block, Concrete, Lead Abatement Encapsulation	3.83	
02 83 19 13-0158	SF		Ornate Cabinets, Lead Abatement Encapsulation	8.58	
02 83 19 13-0159	SF		Simple Design Cabinets, Lead Abatement Encapsulation.....	7.00	
02 83 19 13-0160	SF		Drywall Ceilings, Lead Abatement Encapsulation.....	2.42	
02 83 19 13-0161	SF		Wood Ceilings, Lead Abatement Encapsulation	2.93	
02 83 19 13-0162	SF		Acoustical And Popcorn Ceilings, Lead Abatement Encapsulation	2.72	
02 83 19 13-0163	SF		Columns, Lead Abatement Encapsulation	4.63	
02 83 19 13-0164	SF		Doors, Lead Abatement Encapsulation	8.78	
02 83 19 13-0165	LF		Up To 2" Electrical Conduit, Lead Abatement Encapsulation	3.88	
02 83 19 13-0166	SF		Picket Fence (Brush), Lead Abatement Encapsulation.....	2.78	
02 83 19 13-0167	SF		Wood Floors (Roller), Lead Abatement Encapsulation	2.33	
02 83 19 13-0168	SF		Grilles, Vents, Lead Abatement Encapsulation.....	6.41	
02 83 19 13-0169	LF		Gutters And Downspouts, Lead Abatement Encapsulation	5.94	
02 83 19 13-0170	EA		Hangers, Lead Abatement Encapsulation	50.32	
02 83 19 13-0171	LF		Up To 4" Diameter Pipe (Brush), Lead Abatement Encapsulation.....	3.61	
02 83 19 13-0172	LF		>4" To 8" Diameter Pipe (Brush), Lead Abatement Encapsulation.....	5.23	
02 83 19 13-0173	LF		>8" To 12" Diameter Pipe (Brush), Lead Abatement Encapsulation.....	8.12	
02 83 19 13-0174	LF		>12" To 16" Diameter Pipe (Brush), Lead Abatement Encapsulation.....	11.97	
02 83 19 13-0175	EA		Radiators, Lead Abatement Encapsulation.....	131.19	
02 83 19 13-0176	EA		Up To 6' Shutters, Lead Abatement Encapsulation	186.97	
02 83 19 13-0177	SF		Siding, Lead Abatement Encapsulation	3.31	
02 83 19 13-0178	SF		Up To 12" Soffit, Lead Abatement Encapsulation	4.63	
02 83 19 13-0179	SF		Steel, Flat Surfaces And Tanks Up To 12', Lead Abatement Encapsulation	3.83	
02 83 19 13-0180	SF		Steel Beams And Metal Decks, Lead Abatement Encapsulation.....	5.01	
02 83 19 13-0181	SF		Trusses, Lead Abatement Encapsulation	5.01	
02 83 19 13-0182	SF		Drywall Walls, Lead Abatement Encapsulation	2.15	
02 83 19 13-0183	SF		Wood Walls, Lead Abatement Encapsulation.....	2.64	
02 83 19 13-0184	EA		Window Without Grille, Lead Abatement Encapsulation.....	111.29	
02 83 19 13-0185	EA		Window With Grille, Lead Abatement Encapsulation.....	142.99	
02 83 19 13-0186	LF		Wood Door Frames And Trim, Lead Abatement Encapsulation	3.38	
02 83 19 13-0187	LF		Steel Lintels, Lead Abatement Encapsulation	3.90	

02 83 33 Removal and Disposal of Material Containing Lead (02 83)

02 83 33 13 Lead-Based Paint Removal and Disposal (02 83 33)

02 83 33 13-0001			Remove Loose Dirt And Debris Containing Lead (02 83 33 13)		
02 83 33 13-0002	SF		High Efficiency Particulate Air (HEPA) Vacuum And Wet Cleaning Of Lead Contaminated Area With Mild Detergent.....	0.27	
02 83 33 13-0003	SF		High Efficiency Particulate Air (HEPA) Vacuum And Wet Cleaning Of Lead Contaminated Area With Tri-Sodium Phosphate	0.27	
02 83 33 13-0004	SF		High Efficiency Particulate Air (HEPA) Vacuum And Shampoo Cleaning Of Lead Contaminated Carpeting	1.35	

02 84 Polychlorinated Biphenyl Remediation (02 84)

02 84 16 Handling of Lighting Ballasts and Lamps Containing PBCs and Mercury (02 84)

02 84 16 00-0001			Removal Of TSCA-Exempt PCB And Non-PCB Ballasts From Demolished Fixtures (02 84 16)		
			Note: Includes removal of TSCA-exempt PCB and Non-PCB ballast from demolished lighting fixture and placing ballast in an approved container for recycling.		
02 84 16 00-0002	EA		Removal Of TSCA-Exempt Polychlorinated Biphenyl (PCB) And Non-PCB Ballast From A Demolished Fixture For Recycling.....	9.16	
02 84 16 00-0003			Recycle TSCA-Exempt PCB And Non-PCB Ballasts (02 84 16)		
			Note: Non leaking ballasts. Includes containers, shipping costs and recycling fees. Excludes ballast removal.		
02 84 16 00-0004	EA		Recycle Non-Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures.....	1.69	
02 84 16 00-0005	EA		Recycle Non-Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures.....	2.54	
02 84 16 00-0006	EA		Recycle TSCA-Exempt Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	7.91	
02 84 16 00-0007	EA		Recycle TSCA-Exempt Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures.....	18.07	
02 84 16 00-0008			Disposal Of Leaking PCB And Non-PCB Ballasts (02 84 16)		
			Note: Disposal at an EPA approved facility. Includes containers, shipping costs and disposal fees. Excludes ballast removal.		
02 84 16 00-0009	EA		Dispose Of Leaking Non-Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	4.24	
02 84 16 00-0010	EA		Dispose Of Leaking Non-Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	6.35	
02 84 16 00-0011	EA		Dispose Of Leaking Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	11.86	
02 84 16 00-0012	EA		Dispose Of Leaking Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	27.11	

02 Existing Conditions**02 80 Facility Remediation****02 84 Polychlorinated Biphenyl Remediation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
02 84 33 Removal and Disposal of Polychlorinated Biphenyls (02 84)**02 84 33 00-0001 Removal And Disposal Of Polychlorinated Biphenyls Oil Filled****Transformers (02 84 33)**

Note: Includes disposal in approved container, rigging, manifesting, hauling, etc.

02 84 33 00-0002	EA	Removal And Disposal Of Transformers 2.5/3.5 KVA, Non Polychlorinated Biphenyl (PCB)	4,198.33
		Note: Includes disposal costs.	
02 84 33 00-0003	EA	Removal And Disposal Of Transformers 20 KVA, Non Polychlorinated Biphenyl (PCB)	6,612.90
		Note: Includes disposal costs.	
02 84 33 00-0004	EA	Removal And Disposal Of Switch, Non Polychlorinated Biphenyl (PCB)	1,774.30
02 84 33 00-0005	EA	Removal And Disposal Of Transformers 2.5/3.5 KVA, Polychlorinated Biphenyl (PCB)	8,005.15
		Note: Includes disposal costs.	
02 84 33 00-0006	EA	Removal And Disposal Of Switch, Polychlorinated Biphenyl (PCB)	3,173.81
02 84 33 00-0007	EA	Removal And Disposal Of Transformers 20 KVA, Polychlorinated Biphenyl (PCB)	12,651.55
		Note: Includes disposal costs.	

02 86 Hazardous Waste Drum Handling (02 80)**02 86 00 00-0001 Hazardous Waste Packaging (02 86)****02 86 00 00-0002 Overpacks (02 86 00 00-0001)****02 86 00 00-0003 Steel Salvage Drums, 16 Gauge (02 86 00 00-0002)**

02 86 00 00-0004	EA	110 Gallon, 30" Diameter X 41" High	541.26
02 86 00 00-0005	EA	85 Gallon, 26" Diameter X 38" High	308.10
02 86 00 00-0006	EA	83 Gallon, 26" Diameter X 36" High	297.36
02 86 00 00-0007	EA	55 Gallon, DOT 17C, 18" Diameter X 34" High	186.04
02 86 00 00-0008	EA	30 Gallon, DOT 17C, 18" Diameter X 28" High	146.56
02 86 00 00-0009	EA	22 Gallon, 16" Diameter X 25" High	98.74
02 86 00 00-0010	EA	15 Gallon, DOT 17C, 14" Diameter X 24" High	89.27
02 86 00 00-0011	EA	10 Gallon, 13.8" Diameter X 15" High	78.67

02 86 00 00-0012 Polyethylene Overpacks (02 86 00 00-0002)

02 86 00 00-0013	EA	95 Gallon, DOT E9618, Twist On Lid 31" Diameter X 41" High	611.38
02 86 00 00-0014	EA	20 Gallon, Labpack, Twist On Lid 21" Diameter X 7.5" High	112.98
02 86 00 00-0015	EA	85 Gallon, DOT E9775, Clamp Ring Lid, 27" Diameter X 41" High	553.22

02 86 00 00-0016 Composite Overpacks (02 86 00 00-0002)

02 86 00 00-0017	EA	55 Gal, DOT 17C, Steel Drum Nested With 2-20 Gallon Fiber Drums	300.21
02 86 00 00-0018	EA	55 Gal, DOT 17C, Steel Drum Nested With 4-10 Gallon Fiber Drums	411.97
02 86 00 00-0019	EA	85 Gal, 16 Gauge Salvage Drum Nested With 3-20 Gallon Fiber Drums	558.79

02 86 00 00-0020 DOT E-9168 Exempt Packaging (02 86 00 00-0002)

02 86 00 00-0021	EA	32 Oz Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	43.94
02 86 00 00-0022	EA	950 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	46.36
02 86 00 00-0023	EA	500 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	45.33
02 86 00 00-0024	EA	250 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	22.44
02 86 00 00-0025	EA	Can, Carton, Insert, Tape - Corrosive And Flammable - UPS	16.08
02 86 00 00-0026	EA	16 Oz Bottle, Carton, Insert And Tape, Sludge/Viscous, UPS	13.57
02 86 00 00-0027	EA	32 Oz Bottle, Carton, Insert And Tape, Sludge/Viscous, UPS	17.65

02 86 00 00-0028 Steel Drums (02 86 00 00-0001)**02 86 00 00-0029 UN Rated Steel Drums (02 86 00 00-0028)**

02 86 00 00-0030	EA	UN 1A2/X 320/S 55 Gallon, Open, 16 Gauge, Steel Drum	227.16
02 86 00 00-0031	EA	UN 1A2/X 320/S 55 Gallon, Closed, 16 Gauge, Steel Drum	214.70
02 86 00 00-0032	EA	UN 1A2/Y 1.4/100 55 Gallon, Open, 16 Gauge, Steel Drum	174.09
02 86 00 00-0033	EA	UN 1A2/Y 1.4/100 55 Gallon, Closed, 16 Gauge, Steel Drum	137.19
02 86 00 00-0034	EA	UN 1A2/X 160/S 30 Gallon, Open, 18 Gauge, Steel Drum	159.04
02 86 00 00-0035	EA	UN 1A2/Y 1.4/100 30 Gallon, Open, 18 Gauge, Steel Drum	135.18
02 86 00 00-0036	EA	30 Gallon, 17E, Open, Steel Drum	98.07
02 86 00 00-0037	EA	20 Gallon, 17C, Open, Steel Drum	137.83
02 86 00 00-0038	EA	20 Gallon, 17E, Open, Steel Drum	92.77
02 86 00 00-0039	EA	8 Gallon, 17C, Open, Steel Drum	100.80
02 86 00 00-0040	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (10-24)	1,142.23
02 86 00 00-0041	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (25-49)	1,120.84
02 86 00 00-0042	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (50+)	1,009.61
02 86 00 00-0043	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (1-9)	1,078.06
02 86 00 00-0044	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (10-24)	1,052.39
02 86 00 00-0045	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (25-49)	1,033.14
02 86 00 00-0046	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (50+)	930.47
02 86 00 00-0047	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (1-9)	814.96
02 86 00 00-0048	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (10-24)	795.71
02 86 00 00-0049	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (25-49)	780.74
02 86 00 00-0050	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (50+)	703.73
02 86 00 00-0051	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (1-9)	663.09
02 86 00 00-0052	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (10-24)	637.42
02 86 00 00-0053	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (25-49)	609.62

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 86 00 00-0054	EA		30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (50+).....	588.23	
02 86 00 00-0055	EA		55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (1-9).....	1,114.42	
02 86 00 00-0056	EA		55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (10-24).....	1,093.03	
02 86 00 00-0057	EA		55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (25-49).....	986.08	
02 86 00 00-0058	EA		55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (50+).....	934.75	
02 86 00 00-0059	EA		55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (1-9).....	1,033.14	
02 86 00 00-0060	EA		55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (10-24).....	1,013.89	
02 86 00 00-0061	EA		55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (25-49).....	913.36	
02 86 00 00-0062	EA		55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (50+).....	866.30	
02 86 00 00-0063	EA		55 Gallon Reconditioned Steel 17h Drum (1-9).....	144.63	
02 86 00 00-0064	EA		55 Gallon Reconditioned Steel 17h Drum (10-24).....	128.19	
02 86 00 00-0065	EA		55 Gallon Reconditioned Steel 17h Drum (25-49).....	111.76	
02 86 00 00-0066	EA		55 Gallon Reconditioned Steel 17h Drum (50+).....	98.61	

02 86 00 00-0067 Plastic Drums (02 86 00 00-0001)

02 86 00 00-0068 Polyethylene Closed Head Drums (02 86 00 00-0067)

Note: Closed head drums have standard NPS (National Pipe Standard) plug and drain vents. Primarily for liquids.

02 86 00 00-0069	EA		55 Gallon Polyethylene Closed Head Drums.....	142.60	
02 86 00 00-0070	EA		35 Gallon Polyethylene Closed Head Drums.....	109.47	
02 86 00 00-0071	EA		30 Gallon Polyethylene Closed Head Drums.....	99.40	
02 86 00 00-0072	EA		20 Gallon Polyethylene Closed Head Drums.....	69.45	
02 86 00 00-0073	EA		15 Gallon Polyethylene Closed Head Drums.....	68.12	

02 86 00 00-0074 Polyethylene Open Head Drums (02 86 00 00-0067)

Note: Open head drums are primarily used for solids and sludge.

02 86 00 00-0075	EA		55 Gallon Polyethylene Open Head Drums.....	180.24	
02 86 00 00-0076	EA		35 Gallon Polyethylene Open Head Drums.....	132.53	
02 86 00 00-0077	EA		30 Gallon Polyethylene Open Head Drums.....	125.90	
02 86 00 00-0078	EA		20 Gallon Polyethylene Open Head Drums.....	92.77	
02 86 00 00-0079	EA		15 Gallon Polyethylene Open Head Drums.....	79.52	

02 86 00 00-0080 Fiber Drums (02 86 00 00-0001)

02 86 00 00-0081 Steel Top/Fiber Bottom Drums, Hazardous (02 86 00 00-0080)

Note: Waste fiber drums have tubular rubber gaskets and caulked bottom seams.

02 86 00 00-0082	EA		30 Gallon Fiber Drum DOT-21C (1-9).....	109.20	
02 86 00 00-0083	EA		30 Gallon Fiber Drum DOT-21C (10-24).....	102.31	
02 86 00 00-0084	EA		30 Gallon Fiber Drum DOT-21C (25-49).....	93.30	
02 86 00 00-0085	EA		30 Gallon Fiber Drum DOT-21C (50+).....	92.24	
02 86 00 00-0086	EA		55 Gallon Fiber Drum DOT-21C (1-9).....	112.38	
02 86 00 00-0087	EA		55 Gallon Fiber Drum DOT-21C (10-24).....	106.02	
02 86 00 00-0088	EA		55 Gallon Fiber Drum DOT-21C (25-49).....	98.07	
02 86 00 00-0089	EA		55 Gallon Fiber Drum DOT-21C (50-99).....	94.89	
02 86 00 00-0090	EA		55 Gallon Fiber Drum DOT-21C (100+).....	82.17	
02 86 00 00-0091	EA		10 Gallon, 20" Diameter, DOT 21C-250 Polyethylene/Polyester Lined.....	69.98	
02 86 00 00-0092	EA		20 Gallon, 20" Diameter, DOT 21C-250 Polyethylene/Polyester Lined.....	76.34	
02 86 00 00-0093	EA		20 Gallon, 23" Diameter, DOT 21C-250 Polyethylene/Polyester Lined.....	89.06	

02 86 00 00-0094 Loading Hazardous Waste For Shipment (02 86 00 00-0001)

02 86 00 00-0095	EA		Load Drums On Disposal Truck.....	10.90	
02 86 00 00-0096	EA		Load Liquid Or Sludge Into 5,000 Gallon Bulk Tank Truck.....	1,157.79	

02 86 00 00-0097 Transport Drums To Landfill (02 86 00 00-0001)

Note: Includes transportation for up to 25 miles.

02 86 00 00-0098	EA		Transport Drum To Landfill.....	95.55	
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02 87 Bio-Hazard Material Remediation (02 80)

02 87 13 Mold Remediation (02 87)

Note: All unit pricing in this section includes: materials, equipment, mobilization, preparation, removal, clean-up, vacuuming, transportation for up to 25 miles, disposal, monitoring (personnel and air), sampling/testing, fees, documentation and other associated costs necessary for the complete removal and disposal of mold in accordance with EPA, OSHA, IICRC standards and local regulations. Where types of Mold are listed by quantity, the quantity of the entire project, not a particular work area of building, is to be used in determining which tasks apply. For certain types of work, there is a task with a unit of measure of SET for a quantity of less than 100 LF or SF (Up to 25 LF for Mold Abatement pipe insulation), followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project. See CSI section 01 56 16 00-0035 for temporary stud walls, 01 74 19 00-0039 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting for containment construction, 02 89 00 00-0015 for decontamination chambers.

02 87 13 33 Removal and Disposal of Materials with Mold (02 87 13)

02 87 13 33-0001 Pipe And Pipe Fittings Insulation, Mold Abatement And Disposal (02 87 13 33)

Note: Treat fittings as additional lf of insulation.

02 87 13 33-0002 Pipe Insulation, Mold Abatement And Disposal (02 87 13 33-0001)

Note: Diameter is outer size of insulation.

02 87 13 33-0003 Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal (02 87 13 33-0002)

Note: Excludes encased fittings.

02 87 13 33-0004	SET		Up To 20 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	733.19	
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02 Existing Conditions**02 80 Facility Remediation****02 87 Bio-Hazard Material Remediation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 87 13 33-0005	LF	>20 To 250 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	28.44
02 87 13 33-0006	LF	>250 To 500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	21.43
02 87 13 33-0007	LF	>500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	16.18
02 87 13 33-0008	LF	>2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	12.24
02 87 13 33-0009	LF	>10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	10.69
02 87 13 33-0010		>6" Diameter Pipe Insulation, Mold Abatement And Disposal (02 87 13 33-0002)	
02 87 13 33-0011	SET	Up To 20 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	757.84
02 87 13 33-0012	LF	>20 To 250 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	33.87
02 87 13 33-0013	LF	>250 To 500 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	25.82
02 87 13 33-0014	LF	>500 To 2,500 LF, > 6" Diameter Pipe Insulation, Mold Abatement And Disposal	19.77
02 87 13 33-0015	LF	>2,500 To 10,000 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	15.24
02 87 13 33-0016	LF	>10,000 LF, > 6" Diameter Pipe Insulation, Mold Abatement And Disposal	13.47
02 87 13 33-0017		Thermal Insulation, Mold Abatement And Disposal (02 87 13 33)	
02 87 13 33-0018		Other Thermal Insulation, Up To 3" Thick, Mold Abatement And Disposal (02 87 13 33-0017)	
02 87 13 33-0019	SET	Up To 50 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal.....	745.51
02 87 13 33-0020	SF	>50 To 500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	16.52
02 87 13 33-0021	SF	>500 To 2,500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	12.49
02 87 13 33-0022	SF	>2,500 To 10,000 SF, Up To 3" Thick Other Thermal Insulation, Mold Abatement And Disposal	9.48
02 87 13 33-0023	SF	>10,000 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	7.35
02 87 13 33-0024		Surfacing Material, Mold Abatement And Disposal (02 87 13 33)	
		Note: e.g. fireproofing, acoustical plaster, etc.	
02 87 13 33-0025		Stucco, Mold Abatement And Disposal (02 87 13 33-0024)	
		Note: Remove surface coat from brown coat or remove entire assembly, including lath.	
02 87 13 33-0026	SET	Up To 50 SF, Stucco, Mold Abatement And Disposal	738.67
02 87 13 33-0027	SF	>50 To 500 SF, Stucco, Mold Abatement And Disposal	16.38
02 87 13 33-0028	SF	>500 To 2,500 SF, Stucco, Mold Abatement And Disposal	12.35
02 87 13 33-0029	SF	>2,500 To 10,000 SF, Stucco, Mold Abatement And Disposal	9.34
02 87 13 33-0030	SF	>10,000 SF, Stucco, Mold Abatement And Disposal	7.08
02 87 13 33-0031		Acoustical Plaster, Mold Abatement And Disposal (02 87 13 33-0024)	
		Note: Remove surface coat from brown coat or remove entire assembly, including lath.	
02 87 13 33-0032	SET	Up To 50 SF, Acoustical Plaster, Mold Abatement And Disposal	738.67
02 87 13 33-0033	SF	>50 To 500 SF, Acoustical Plaster, Mold Abatement And Disposal.....	16.38
02 87 13 33-0034	SF	>500 To 2,500 SF, Acoustical Plaster, Mold Abatement And Disposal.....	12.35
02 87 13 33-0035	SF	>2,500 To 10,000 SF, Acoustical Plaster, Mold Abatement And Disposal.....	9.34
02 87 13 33-0036	SF	>10,000 SF, Acoustical Plaster, Mold Abatement And Disposal.....	7.08
02 87 13 33-0037		Gypsum Board, Mold Abatement And Disposal (02 87 13 33-0024)	
02 87 13 33-0038	SET	Up To 100 SF, Gypsum Board, Mold Abatement And Disposal.....	752.37
02 87 13 33-0039	SF	>100 To 500 SF, Gypsum Board, Mold Abatement And Disposal	5.48
02 87 13 33-0040	SF	>500 To 2,500 SF, Gypsum Board, Mold Abatement And Disposal	4.35
02 87 13 33-0041	SF	>2,500 To 10,000 SF, Gypsum Board, Mold Abatement And Disposal	3.44
02 87 13 33-0042	SF	>10,000 SF, Gypsum Board, Mold Abatement And Disposal	2.54
02 87 13 33-0043		Fireproofing, Mold Abatement And Disposal (02 87 13 33-0024)	
		Note: Exposed surface area, includes associated overspray.	
02 87 13 33-0044	SET	Up To 50 SF, Fireproofing, Mold Abatement And Disposal	745.51
02 87 13 33-0045	SF	>50 To 500 SF, Fireproofing, Mold Abatement And Disposal.....	22.61
02 87 13 33-0046	SF	>500 To 2,500 SF, Fireproofing, Mold Abatement And Disposal	17.08
02 87 13 33-0047	SF	>2,500 To 10,000 SF, Fireproofing, Mold Abatement And Disposal.....	12.91
02 87 13 33-0048	SF	>10,000 SF, Fireproofing, Mold Abatement And Disposal	9.79
02 87 13 33-0049		Flooring, Mold Abatement And Disposal (02 87 13 33)	
		Note: Includes cove base.	
02 87 13 33-0050		Floor Tile Or Linoleum, Mold Abatement And Disposal (02 87 13 33-0049)	
02 87 13 33-0051		Floor Tile Or Linoleum, Mold Abatement And Disposal (02 87 13 33-0050)	
		Note: Single layer or first of multiple layers.	
02 87 13 33-0052	SET	Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal.....	752.37
02 87 13 33-0053	SF	>100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	5.45
		For Each Additional Layer, Add	1.36
02 87 13 33-0054	SF	>500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	3.06
		For Each Additional Layer, Add	0.77
02 87 13 33-0055	SF	>2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	1.78
		For Each Additional Layer, Add	0.45
02 87 13 33-0056	SF	>10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	1.39
		For Each Additional Layer, Add	0.35
02 87 13 33-0057		Carpet, Mold Abatement And Disposal (02 87 13 33-0049)	
02 87 13 33-0058		Carpet, Glue Down, Mold Abatement And Disposal (02 87 13 33-0057)	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 13 33-0059	SET		Up To 100 SF, Carpet, Glue Down, Mold Abatement And Disposal.....	752.37	
02 87 13 33-0060	SF		>100 To 500 SF, Carpet, Glue Down, Mold Abatement And Disposal.....	4.53	
02 87 13 33-0061	SF		>500 To 2,500 SF, Carpet, Glue Down, Mold Abatement And Disposal.....	2.86	
02 87 13 33-0062	SF		>2,500 To 10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal.....	1.91	
02 87 13 33-0063	SF		>10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal.....	1.47	
02 87 13 33-0064			Carpet, Padded With Tack Strips, Mold Abatement And Disposal (02 87 13 33-0057)		
02 87 13 33-0065	SET		Up To 100 SF, Carpet And Pad, Mold Abatement And Disposal..... Note: Includes tack strips.	752.37	
02 87 13 33-0066	SF		>100 To 500 SF, Carpet And Pad, Mold Abatement And Disposal..... Note: Includes tack strips.	5.10	
02 87 13 33-0067	SF		>500 To 2,500 SF, Carpet And Pad, Mold Abatement And Disposal..... Note: Includes tack strips.	3.72	
02 87 13 33-0068	SF		>2,500 To 10,000 SF, Carpet And Pad, Mold Abatement And Disposal..... Note: Includes tack strips.	2.96	
02 87 13 33-0069	SF		>10,000 SF, Carpet And Pad, Mold Abatement And Disposal..... Note: Includes tack strips.	2.28	
02 87 13 33-0070			Subflooring, Mold Abatement And Disposal (02 87 13 33-0049)		
02 87 13 33-0071	SET		Up To 75 SF, Subflooring, Mold Abatement And Disposal.....	745.51	
02 87 13 33-0072	SF		>75 To 500 SF, Subflooring, Mold Abatement And Disposal.....	6.26	
02 87 13 33-0073	SF		>500 To 2,500 SF, Subflooring, Mold Abatement And Disposal.....	4.02	
02 87 13 33-0074	SF		>2,500 To 10,000 SF, Subflooring, Mold Abatement And Disposal.....	2.44	
02 87 13 33-0075	SF		>10,000 SF, Subflooring, Mold Abatement And Disposal.....	1.57	
02 87 13 33-0076			Siding, Mold Abatement And Disposal (02 87 13 33)		
02 87 13 33-0077			Interior Paneling, Mold Abatement And Disposal (02 87 13 33-0076) Note: Includes detachment of mounted objects before removal.		
02 87 13 33-0078	SET		Up To 100 SF, Interior Paneling, Mold Abatement And Disposal..... Note: Includes detachment of mounted objects before removal.	752.37	
02 87 13 33-0079	SF		>100 To 500 SF, Interior Paneling, Mold Abatement And Disposal..... Note: Includes detachment of mounted objects before removal.	5.43	
02 87 13 33-0080	SF		>500 To 2,500 SF, Interior Paneling, Mold Abatement And Disposal..... Note: Includes detachment of mounted objects before removal.	3.83	
02 87 13 33-0081	SF		>2,500 To 10,000 SF, Interior Paneling, Mold Abatement And Disposal..... Note: Includes detachment of mounted objects before removal.	2.24	
02 87 13 33-0082	SF		>10,000 SF, Interior Paneling, Mold Abatement And Disposal..... Note: Includes detachment of mounted objects before removal.	1.72	
02 87 13 33-0083			Exterior Siding, Mold Abatement And Disposal (02 87 13 33-0076)		
02 87 13 33-0084	SET		Up To 100 SF, Exterior Siding Board, Mold Abatement And Disposal.....	752.37	
02 87 13 33-0085	SF		>100 To 500 SF, Exterior Siding Board, Mold Abatement And Disposal.....	6.75	
02 87 13 33-0086	SF		>500 To 2,500 SF, Exterior Siding Board, Mold Abatement And Disposal.....	4.69	
02 87 13 33-0087	SF		>2,500 To 10,000 SF, Exterior Siding Board, Mold Abatement And Disposal.....	3.17	
02 87 13 33-0088	SF		>10,000 SF, Exterior Siding Board, Mold Abatement And Disposal.....	2.86	
02 87 13 33-0089			Contaminated Debris, Mold Abatement And Disposal (02 87 13 33)		
02 87 13 33-0090			Contaminated Debris, Mold Abatement And Disposal (02 87 13 33-0089)		
02 87 13 33-0091	SET		Up To 20 CF, Contaminated Debris, Mold Abatement And Disposal.....	757.84	
02 87 13 33-0092	CF		>20 To 100 CF, Contaminated Debris, Mold Abatement And Disposal.....	26.71	
02 87 13 33-0093	CF		>100 To 250 CF, Contaminated Debris, Mold Abatement And Disposal.....	18.35	
02 87 13 33-0094	CF		>250 To 500 CF, Contaminated Debris, Mold Abatement And Disposal.....	14.17	
02 87 13 33-0095	CF		>500 To 2,500 CF, Contaminated Debris, Mold Abatement And Disposal.....	11.67	
02 87 13 33-0096	CF		>2,500 To 10,000 CF, Contaminated Debris, Mold Abatement And Disposal.....	7.12	
02 87 13 33-0097	CF		>10,000 CF, Contaminated Debris, Mold Abatement And Disposal.....	6.56	
02 87 13 33-0098			Other Mold Containing Materials, Mold Abatement And Disposal (02 87 13 33)		
02 87 13 33-0099			Wood Studs, Mold Abatement And Disposal (02 87 13 33-0098) Note: 2" x 4" or 2" x 6" exposed studs in walls. Excludes surfacing material.		
02 87 13 33-0100	SET		Up To 100 LF, Wood Studs, Mold Abatement And Disposal.....	376.17	
02 87 13 33-0101	LF		>100 To 500 LF, Wood Studs, Mold Abatement And Disposal.....	3.06	
02 87 13 33-0102	LF		>500 To 2,500 LF, Wood Studs, Mold Abatement And Disposal.....	2.28	
02 87 13 33-0103	LF		>2,500 To 10,000 LF, Wood Studs, Mold Abatement And Disposal.....	1.78	
02 87 13 33-0104	LF		>10,000 LF, Wood Studs, Mold Abatement And Disposal.....	1.35	
02 87 13 33-0105			Ceiling Tile, Mold Abatement And Disposal (02 87 13 33-0098) Note: e.g. grid, spline, or glued on; 12" x 12" to 2' x 4'.		
02 87 13 33-0106	SET		Up To 100 SF, Ceiling Tile, Mold Abatement And Disposal.....	752.37	
02 87 13 33-0107	SF		>100 To 1,000 SF, Ceiling Tile, Mold Abatement And Disposal.....	9.34	
02 87 13 33-0108	SF		>1,000 To 2,500 SF, Ceiling Tile, Mold Abatement And Disposal.....	4.39	
02 87 13 33-0109	SF		>2,500 To 10,000 SF, Ceiling Tile, Mold Abatement And Disposal.....	3.17	
02 87 13 33-0110	SF		>10,000 SF, Ceiling Tile, Mold Abatement And Disposal.....	2.86	
02 87 13 33-0111			Caulking, Mold Abatement And Disposal (02 87 13 33-0098)		
02 87 13 33-0112	SET		Up To 20 LF, Caulking, Mold Abatement And Disposal.....	181.69	

02 Existing Conditions**02 80 Facility Remediation****02 87 Bio-Hazard Material Remediation**
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 UNIT COST UNIT COST

02 87 13 33-0113	LF	>20 To 50 LF, Caulking, Mold Abatement And Disposal	3.64
02 87 13 33-0114	LF	>50 To 100 LF, Caulking, Mold Abatement And Disposal	2.61
02 87 13 33-0115	LF	>100 To 250 LF, Caulking, Mold Abatement And Disposal	1.98
02 87 13 33-0116	LF	>250 To 1,000 LF, Caulking, Mold Abatement And Disposal	1.47
02 87 13 33-0117	LF	>1,000 To 2,500 LF, Caulking, Mold Abatement And Disposal.....	1.19
02 87 13 33-0118	LF	>2,500 LF, Caulking, Mold Abatement And Disposal.....	1.03

02 87 13 33-0119 Wipe Down Walls, Ceilings And Floors (02 87 13 33-0098)

02 87 13 33-0120	CSF	Wipe Down Floors With Mild Bleach Solution	20.16
		<i>For >25 To 50, Deduct</i>	-2.01
		<i>For >50 To 200, Deduct</i>	-5.04
		<i>For >200, Deduct</i>	-8.06
02 87 13 33-0121	CSF	Wipe Down Walls With Mild Bleach Solution	23.71
		<i>For >25 To 50, Deduct</i>	-2.37
		<i>For >50 To 200, Deduct</i>	-5.92
		<i>For >200, Deduct</i>	-9.48
02 87 13 33-0122	CSF	Wipe Down Ceilings With Mild Bleach Solution	26.97
		<i>For >25 To 50, Deduct</i>	-2.70
		<i>For >50 To 200, Deduct</i>	-6.74
		<i>For >200, Deduct</i>	-10.78
02 87 13 33-0123	CSF	Wipe Down Countertops With Mild Bleach Solution	21.99
		<i>For >25 To 50, Deduct</i>	-2.20
02 87 13 33-0124	CSF	Wipe Down Other Surfaces With Mild Bleach Solution.....	27.90
		<i>For >25 To 50, Deduct</i>	-2.79
		<i>For >50 To 200, Deduct</i>	-6.97
		<i>For >200, Deduct</i>	-11.15

02 87 13 33-0125 Cabinets (02 87 13 33-0098)

02 87 13 33-0126	SET	Up To 10 LF, Base Cabinet, Mold Abatement And Disposal	798.51
02 87 13 33-0127	LF	>10 To 20 LF, Base Cabinet, Mold Abatement And Disposal.....	84.22
02 87 13 33-0128	LF	>20 LF, Base Cabinet, Mold Abatement And Disposal.....	62.36
02 87 13 33-0129	SET	Up To 10 LF, Wall Cabinet, Mold Abatement And Disposal.....	749.21
02 87 13 33-0130	LF	>10 To 20 LF, Wall Cabinet, Mold Abatement And Disposal	70.55
02 87 13 33-0131	LF	>20 LF, Wall Cabinet, Mold Abatement And Disposal	48.68

02 87 16 Excrement Removal (02 87)

Note: Includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, clean-up, vacuuming, disposal, personnel health monitoring, documentation and other associated costs necessary for the complete removal and disposal of the contaminated material in accordance with EPA and local regulations. The quantity of the entire project, not a particular work area, is to be used in determining which tasks apply. There is a task with a unit of measure of EA for a quantity of less than 10 SF, followed by a series of tasks for additional quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus each additional task in sequence to arrive at the total quantity for the entire project, not a particular work area.

02 87 16 13 Bird Excrement Removal (02 87 16)**02 87 16 13-0001 Bird Waste Removal (02 87 16 13)**

Note: In addition to items listed the Bio-Hazard Material Remediation note above, includes wetting agents and disinfection of contaminated surfaces.

02 87 16 13-0002	EA	Up To 10 SF Bird Waste Removal, Up To 3" Thickness	724.97
		<i>For Work In Restricted Working Space, Add</i>	217.49
02 87 16 13-0003	SF	>10 To 500 SF Bird Waste Removal, Up To 3" Thickness	12.08
		<i>For Work In Restricted Working Space, Add</i>	3.62
02 87 16 13-0004	SF	>500 To 2,500 SF Bird Waste Removal, Up To 3" Thickness	10.99
		<i>For Work In Restricted Working Space, Add</i>	3.30
02 87 16 13-0005	SF	>2,500 To 10,000 SF Bird Waste Removal, Up To 3" Thickness	9.99
		<i>For Work In Restricted Working Space, Add</i>	3.00
02 87 16 13-0006	SF	>10,000 SF Bird Waste Removal, Up To 3" Thickness.....	9.08
		<i>For Work In Restricted Working Space, Add</i>	2.72

02 87 19 Bio-Hazard and Infectious Disease Control Remediation (02 87)**02 87 19 00-0001 Temporary Barriers (02 87 19)****02 87 19 00-0002 Adjustable Barrier Panel System For Bio-Hazard And Infectious Disease Control (02 87 19 00-0001)**

Note: Panels are opal or transparent. Includes self leveling floor channel, 1/4" foam gasket to conform to ceiling, edge gaskets, grid clips, and cam locks.

02 87 19 00-0003	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4000).....	991.20
02 87 19 00-0004	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4001).....	940.99
02 87 19 00-0005	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4002).....	740.13
02 87 19 00-0006	EA	2' Wide x 7'-8" To 10' High With High Efficiency Particulate Air (HEPA) Filtered Air Discharge Port, Fire Rated Containment Panel Assembly (Edge Guard 4002.1)	857.30
02 87 19 00-0007	EA	6" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4005)	453.76
02 87 19 00-0008	EA	12" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4006)	487.23
02 87 19 00-0009	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 32" Door (Edge Guard 4010).....	1,518.45
		Note: Includes a hydraulic closer and a lever style lockset standard.	
02 87 19 00-0010	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 44" Door (Edge Guard 4003).....	1,685.83
		Note: Includes a hydraulic closer and a lever style lockset standard.	
02 87 19 00-0011	EA	4'-4" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 48" Door (Edge Guard 4008)	2,020.59
		Note: Includes a hydraulic closer and a lever style lockset standard.	
02 87 19 00-0012	EA	7'-8" To 10' High, Hinged Corner Assembly (Edge Guard 4004)	332.57
02 87 19 00-0013	EA	7'-8" To 10' High, Outside Corner Post (Edge Guard 4007).....	273.99
02 87 19 00-0014	EA	7'-8" To 10' High, "T" Post Corner Assembly (Edge Guard 4009).....	273.99

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 87 19 00-0015	EA			Closure Strips (Edge Guard 3003)..... Note: To seal panels to existing walls	18.43	
02 87 19 00-0016	EA			Digital Differential Pressure Gauge Kit (Edge Guard 3005).....	466.03	
02 87 19 00-0017 Temporary Sheeting For Bio-Hazard And Infectious Disease Control (02 87 19 00-0001)						
Note: Includes removal and disposal in approved landfill after use.						
02 87 19 00-0018	SF			6 Mil Plastic Sheeting, Applied To Floors, For Bio-Hazard And Infectious Disease Control.....	0.56	
02 87 19 00-0019	SF			6 Mil Plastic Sheeting, Applied To Walls, For Bio-Hazard And Infectious Disease Control.....	0.74	
02 87 19 00-0020	SF			6 Mil Plastic Sheeting, Applied To Ceilings, For Bio-Hazard And Infectious Disease Control.....	1.00	
02 87 19 00-0021	SF			6 Mil Plastic Fire Retardant, Anti Static Sheeting, Applied To Floors, For Bio-Hazard And Infectious Disease Control.....	0.67	
02 87 19 00-0022	SF			6 Mil Plastic Fire Retardant, Anti Static Retardant Sheeting, Applied To Walls, For Bio-Hazard And Infectious Disease Control.....	0.85	
02 87 19 00-0023	SF			6 Mil Plastic Fire Retardant, Anti Static Retardant Sheeting, Applied To Ceilings, For Bio-Hazard And Infectious Disease Control.....	1.11	
02 87 19 00-0024 Temporary Floor Protection For Bio-Hazard And Infectious Disease Control (02 87 19 00-0001)						
Note: Includes removal after use.						
02 87 19 00-0025	SF			1/8" Thick, Masonite Temporary Floor Protection For Bio-Hazard And Infectious Disease Control.....	1.84	
02 87 19 00-0026	SF			1/2" Thick, Plywood Temporary Floor Protection For Bio-Hazard And Infectious Disease Control.....	1.88	
02 87 19 00-0027	SF			3/4" Thick, Plywood Temporary Floor Protection For Bio-Hazard And Infectious Disease Control.....	2.20	
02 87 19 00-0028 Temporary Stud Wall For Bio-Hazard And Infectious Disease Control (02 87 19 00-0001)						
Note: Includes removal after use.						
02 87 19 00-0029	SF			1/2" Gypsum Board On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control.....	6.04	
02 87 19 00-0030	SF			1/2" Gypsum Board On Both Sides, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control.....	8.39	
02 87 19 00-0031	SF			5/8" Type Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control.....	6.17	
02 87 19 00-0032	SF			5/8" Type Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control.....	8.66	
02 87 19 00-0033	SF			6 Mil, Fire Retardant, Plastic Sheeting On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control.....	3.50	
02 87 19 00-0034 Isolation Barriers For Bio-Hazard And Infectious Disease Control (02 87 19 00-0001)						
02 87 19 00-0035	GSF			Tent Construction Utilizing Two Layers Of 6 Mil Fire Rated Plastic Sheeting For Bio-Hazard And Infectious Disease Control..... Note: Includes support frame of 2x4s or PVC piping (ground SF) up to 6' to construct stand-alone tents (floor, walls and ceiling) with airlock.	25.16	
02 87 19 00-0036	GSF			Relocate Tent Construction To Different Area.....	2.87	
02 87 19 00-0037 Plexiglass Barriers For Bio-Hazard And Infectious Disease Control (02 87 19 00-0001)						
02 87 19 00-0038	SF			3/8" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control.....	19.73	
02 87 19 00-0039	SF			1/2" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control.....	23.08	
02 87 19 00-0040	SF			3/4" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control.....	32.18	
02 87 19 00-0041	PR			Install Pair Of 8" Diameter Glove Iris Port In Barrier For Bio-Hazard And Infectious Disease Control..... Note: Excludes gloves.	1,418.82	
02 87 19 00-0042	PR			Pair Of 8" Diameter Economy Sleeved Gloves With Clamping Ring For Bio-Hazard And Infectious Disease Control..... Note: For installation in glove iris port.	508.59	
02 87 19 00-0043	PR			Pair Of 8" Diameter Bellows Type Gloves With Clamping Ring For Bio-Hazard And Infectious Disease Control..... Note: For installation in glove iris port.	811.18	
02 87 19 00-0044	EA			5-5/16" Diameter, Satin Anodized Aluminum, No-Draft Speak-Thru In Barrier For Bio-Hazard And Infectious Disease..... Note: Includes gaskets and mounting screws for installation on glass from 1/4" (6 mm) to 1/2" (12 mm) thick. Require a minimum hole diameter of 2-1/4" (57 mm), and will cover holes up to 4-1/4" (108 mm). Recommended hole diameter is 3-1/2" (89 mm).	147.45	
02 87 19 00-0045 Temporary Portable And Mobile Trailers (02 87 19)						
02 87 19 00-0046 Trailer Delivery (02 87 19 00-0045)						
02 87 19 00-0047	EA			Deliver Trailer Within 25 Miles.....	1,147.96	
02 87 19 00-0048 Portable And Mobile Trailers, Purchase (02 87 19 00-0045)						
Note: Includes cost to set-up, underpin, tie-downs, HVAC unit, lights, outlets, & phone jacks. Trailers shall have a 12' x 12' office area and 6' x 8' bathroom with sink, mirror, and water closet. Minimum of two pedestrian doors and a tinted/insulated 3' x 4' single hung window per 20 SF of wall area. Excludes connection of utilities.						
02 87 19 00-0049	EA			8' x 24' Mobile Trailer With Toilet, Purchase..... For Tie-Downs, Add	12,472.11 123.94	
02 87 19 00-0050	EA			8' x 32' Mobile Trailer With Toilet, Purchase..... For Tie-Downs, Add	17,618.68 123.94	
02 87 19 00-0051	EA			10' x 36' Mobile Trailer With Toilet, Purchase..... For Tie-Downs, Add	25,137.10 123.94	
02 87 19 00-0052	EA			10' x 44' Mobile Trailer With Toilet, Purchase..... For Tie-Downs, Add	31,409.68 123.94	
02 87 19 00-0053	EA			10' x 50' Mobile Trailer With Toilet, Purchase..... For Tie-Downs, Add	35,709.27 123.94	
02 87 19 00-0054	EA			12' x 50' Mobile Trailer With Toilet, Purchase..... For Tie-Downs, Add	37,541.72 123.94	

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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 87 19 00-0055	EA	12' x 60' Mobile Trailer With Toilet, Purchase For Tie-Downs, Add	41,772.51 123.94	
02 87 19 00-0056		Accessories For Portable And Mobile Trailers (02 87 19 00-0045)		
02 87 19 00-0057		Skirting (02 87 19 00-0056) Note: Includes 2" x 4" wood framing 16" on center.		
02 87 19 00-0058	SF	1'-8" High Vinyl Covered Skirt	5.21	1.99
02 87 19 00-0059	SF	3' High Vinyl Covered Skirt	7.62	3.28
02 87 19 00-0060		Aluminum Modular Access Ramp (02 87 19 00-0056) Note: Includes picketed guardrails, inside grabrails, legs and hardware.		
02 87 19 00-0061	EA	Up To 35" High, Aluminum Modular Access Ramp	3,661.78	38.08
02 87 19 00-0062		Aluminum Modular Stairs (02 87 19 00-0056) Note: Excludes earthwork		
02 87 19 00-0063	EA	Aluminum Steps For Mobile Trailers	1,007.59	
02 87 19 00-0064		Decontamination Chambers For Bio-Hazard And Infectious Disease Control (02 87 19) Note: Includes removal after use.		
02 87 19 00-0065	EA	Portable Personnel Decontamination Wash Facility (3 Stage) For Bio-Hazard And Infectious Disease Control Note: Includes connection to negative air system.	973.52	
02 87 19 00-0066	EA	Portable Personnel Decontamination Wash Facility (5 Stage) For Bio-Hazard And Infectious Disease Control Note: Includes connection to negative air system.	1,147.42	
02 87 19 00-0067	EA	Portable Waste Decontamination Unit For Bio-Hazard And Infectious Disease Control Note: Includes connection to negative air system.	594.22	
02 87 19 00-0068		Bio-Hazard And Infectious Disease Control Cleaning, Level 2 (02 87 19) Note: Includes worker personal protection equipment suites, gloves and masks. Level 1 Biohazard - Minor bacteria and viruses as well as non-infectious bacteria. Microbes are not known to cause disease in healthy hosts and pose minimal risk to workers and the environment. Level 2 Biohazard - Bacteria and viruses that cause mild disease or are difficult to contract. Microbes are typically indigenous and are associated with diseases of varying severity. They pose moderate risk to workers and the environment. Level 3 Biohazard - Microbes are indigenous or exotic and cause serious or potential lethal diseases through respiratory transmission. Disposal of materials used to wipe down surfaces in approved landfill after use. See CSI section 02 87 19 00-0138 for disposal of material into approved landfill.		
02 87 19 00-0069		Bio-Hazard And Infectious Disease Control Cleaning Mobilization (02 87 19 00-0068)		
02 87 19 00-0070	EA	Bio-Hazard And Infectious Disease Control Mobilization And Set-Up Note: Mobilization and set-up minimum for each site location.	375.52	
02 87 19 00-0071		Bio-Hazard And Infectious Disease Control Cleaning Of Surfaces (02 87 19 00-0068) Note: Includes electrostatic spraying of surfaces with mild bleach, wet mop/wipe, disinfect and high efficiency particulate air (HEPA) vacuum surfaces		
02 87 19 00-0072	CSF	Cleaning Of Floors For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	27.85	
		For >25 To 50, Deduct	-2.78	
		For >50 To 200, Deduct	-5.56	
		For >200, Deduct	-8.35	
		For Cleaning Surfaces With Goldshield® GS5, Add	13.94	
		For Level 1 Biohazard Cleaning, Deduct	-5.56	
		For Level 3 Biohazard Cleaning, Add	9.18	
02 87 19 00-0073	CSF	Cleaning Of Walls For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	32.76	
		For >25 To 50, Deduct	-3.27	
		For >50 To 200, Deduct	-6.55	
		For >200, Deduct	-9.82	
		For Cleaning Surfaces With Goldshield® GS5, Add	13.94	
		For Level 1 Biohazard Cleaning, Deduct	-6.55	
		For Level 3 Biohazard Cleaning, Add	10.80	
02 87 19 00-0074	CSF	Cleaning Of Ceilings For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	37.26	
		For >25 To 50, Deduct	-3.72	
		For >50 To 200, Deduct	-7.45	
		For >200, Deduct	-11.17	
		For Cleaning Surfaces With Goldshield® GS5, Add	13.94	
		For Level 1 Biohazard Cleaning, Deduct	-7.45	
		For Level 3 Biohazard Cleaning, Add	12.29	
02 87 19 00-0075	CSF	Cleaning Of Countertops For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	30.37	
		For Cleaning Surfaces With Goldshield® GS5, Add	13.94	
		For >5 To 10, Deduct	-1.52	
		For >10 To 50, Deduct	-3.03	
		For >50, Deduct	-6.07	
		For Level 1 Biohazard Cleaning, Deduct	-6.07	
		For Level 3 Biohazard Cleaning, Add	10.01	
02 87 19 00-0076	CSF	Cleaning Of Other Surfaces For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	38.54	
		For >25 To 50, Deduct	-3.85	
		For >50 To 200, Deduct	-7.70	
		For >200, Deduct	-11.55	
		For Cleaning Surfaces With Goldshield® GS5, Add	13.94	
		For Level 1 Biohazard Cleaning, Deduct	-7.70	
		For Level 3 Biohazard Cleaning, Add	12.71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 87 19 00-0077			Bio-Hazard And Infectious Disease Control Cleaning Of Equipment And Materials (02 87 19 00-0068) Note: Includes spraying of surfaces with mild bleach, wet mop/wipe and disinfect		
02 87 19 00-0078	EA		Cleaning Of Plumbing Fixture For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	71.96	
			For Level 1 Biohazard Cleaning, Deduct	-14.39	
			For Level 3 Biohazard Cleaning, Add	23.74	
			For Cleaning Surfaces With Goldshield® GS5, Add	6.97	
02 87 19 00-0079	EA		Cleaning Of Restroom Accessory For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	33.03	
			For Level 1 Biohazard Cleaning, Deduct	-6.60	
			For Level 3 Biohazard Cleaning, Add	10.89	
			For Cleaning Surfaces With Goldshield® GS5, Add	4.65	
02 87 19 00-0080	EA		Cleaning Of Kitchen Appliance For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	115.92	
			For Level 1 Biohazard Cleaning, Deduct	-23.18	
			For Level 3 Biohazard Cleaning, Add	38.24	
			For Cleaning Surfaces With Goldshield® GS5, Add	6.97	
02 87 19 00-0081	EA		Cleaning Of Electrical Switch/Receptacle For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	7.15	
			For Level 1 Biohazard Cleaning, Deduct	-1.42	
			For Level 3 Biohazard Cleaning, Add	2.35	
			For Cleaning Surfaces With Goldshield® GS5, Add	1.39	
02 87 19 00-0082	EA		Cleaning Of WorkStation, Exterior Wipe For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution Clean-up	106.86	
			Note: Includes desk, chair, computer, monitor(s), keyboard, mouse, lamp, drawers		
			For Level 1 Biohazard Cleaning, Deduct	-21.37	
			For Level 3 Biohazard Cleaning, Add	35.25	
			For Cleaning Surfaces With Goldshield® GS5, Add	6.97	
02 87 19 00-0083	EA		Cleaning Of Knobs, Latches, And Locks For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution Clean-up	11.42	
			For Level 1 Biohazard Cleaning, Deduct	-2.28	
			For Level 3 Biohazard Cleaning, Add	3.76	
			For Cleaning Surfaces With Goldshield® GS5, Add	1.39	
02 87 19 00-0084			Bio-Hazard And Infectious Disease Control Cleaning Of Ductwork (02 87 19 00-0068)		
02 87 19 00-0085	LF		Up To 2 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning	4.21	
			For Level 1 Biohazard Cleaning, Deduct	-0.84	
			For Level 3 Biohazard Cleaning, Add	1.38	
02 87 19 00-0086	LF		>2 SF To 4 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning	5.27	
			For Level 1 Biohazard Cleaning, Deduct	-1.04	
			For Level 3 Biohazard Cleaning, Add	1.72	
02 87 19 00-0087	LF		>4 SF To 8 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning	7.07	
			For Level 1 Biohazard Cleaning, Deduct	-1.39	
			For Level 3 Biohazard Cleaning, Add	2.29	
02 87 19 00-0088	LF		>8 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning	10.01	
			For Level 1 Biohazard Cleaning, Deduct	-1.96	
			For Level 3 Biohazard Cleaning, Add	3.23	
02 87 19 00-0089	EA		Clean Duct Coil For Bio-Hazard And Infectious Disease Control Cleaning	187.79	
			For Level 1 Biohazard Cleaning, Deduct	-37.55	
			For Level 3 Biohazard Cleaning, Add	61.96	
02 87 19 00-0090	SF		Clean Duct Dampers And Vane Sets For Bio-Hazard And Infectious Disease Control Cleaning	13.06	
			For Level 1 Biohazard Cleaning, Deduct	-2.61	
			For Level 3 Biohazard Cleaning, Add	4.30	
02 87 19 00-0091	EA		Clean Fan Coil Unit (FCU) Or Variable Air Volume (VAV) Unit For Bio-Hazard And Infectious Disease Control Cleaning	125.21	
			For Level 1 Biohazard Cleaning, Deduct	-25.04	
			For Level 3 Biohazard Cleaning, Add	41.31	
02 87 19 00-0092	EA		Clean Air Handling Unit Fan And Coil For Bio-Hazard And Infectious Disease Control Cleaning	375.55	
			For Level 1 Biohazard Cleaning, Deduct	-75.10	
			For Level 3 Biohazard Cleaning, Add	123.92	
02 87 19 00-0093	EA		Clean Grille/Diffuser/Register For Bio-Hazard And Infectious Disease Control Cleaning	31.32	
			Note: Includes removal and reinstallation.		
			For Level 1 Biohazard Cleaning, Deduct	-6.26	
			For Level 3 Biohazard Cleaning, Add	10.33	
02 87 19 00-0094	SF		Apply Sporidicin Disinfectant To Ductwork And Surfaces After Cleaning For Bio-Hazard And Infectious Disease Control Cleaning	0.56	
			For Level 1 Biohazard Cleaning, Deduct	-0.10	
			For Level 3 Biohazard Cleaning, Add	0.17	
02 87 19 00-0095	SF		Apply Goldshield® GS5 Antimicrobial Agent To Ductwork And Surfaces After Cleaning For Bio-Hazard And Infectious Disease Control Cleaning	0.64	
			For Level 1 Biohazard Cleaning, Deduct	-0.10	
			For Level 3 Biohazard Cleaning, Add	0.17	
02 87 19 00-0096			Bio-Hazard And Infectious Disease Control Equipment Rental (02 87 19)		
			Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.		
02 87 19 00-0097	DAY		Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Clean-up	149.03	
02 87 19 00-0098	WK		Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Clean-up	634.74	
02 87 19 00-0099	MO		Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Clean-up	1,777.28	
02 87 19 00-0100	DAY		Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Clean-up	149.39	
02 87 19 00-0101	WK		Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Clean-up	410.81	
02 87 19 00-0102	MO		Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Clean-up	1,120.40	
02 87 19 00-0103	DAY		Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Clean-up	43.94	

02 Existing Conditions**02 80 Facility Remediation****02 87 Bio-Hazard Material Remediation**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 87 19 00-0104	WK	Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Clean-up	120.83
02 87 19 00-0105	MO	Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Clean-up	329.53
02 87 19 00-0106	DAY	Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Clean-up.....	81.38
02 87 19 00-0107	WK	Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Clean-up.....	334.24
02 87 19 00-0108	MO	Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Clean-up.....	1,009.97
02 87 19 00-0109	EA	High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Negative Air Machine For Bio- Hazard And Infectious Disease Control Clean-up	182.14
		Note: Required if over 800 hours operation.	
02 87 19 00-0110	DAY	20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	418.61
02 87 19 00-0111	WK	20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	837.23
02 87 19 00-0112	MO	20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	1,674.46
02 87 19 00-0113	DAY	20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	558.15
02 87 19 00-0114	WK	20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	1,116.30
02 87 19 00-0115	MO	20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	2,232.61
02 87 19 00-0116	DAY	20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	938.00
02 87 19 00-0117	WK	20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	1,876.00
02 87 19 00-0118	MO	20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	3,751.99
02 87 19 00-0119	DAY	20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	1,250.66
02 87 19 00-0120	WK	20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	2,501.33
02 87 19 00-0121	MO	20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	5,002.65
02 87 19 00-0122	DAY	20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	1,563.33
02 87 19 00-0123	WK	20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	3,126.66
02 87 19 00-0124	MO	20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	6,253.32
02 87 19 00-0125	EA	Set-Up 20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	114.62
		Note: Includes staking down tent.	
02 87 19 00-0126	EA	Set-Up 20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	229.24
		Note: Includes staking down tent.	
02 87 19 00-0127	EA	Set-Up 20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	687.74
		Note: Includes staking down tent.	
02 87 19 00-0128	EA	Set-Up 20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	1,375.48
		Note: Includes staking down tent.	
02 87 19 00-0129	EA	Set-Up 20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	2,292.47
		Note: Includes staking down tent.	
02 87 19 00-0130	DAY	Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Clean-up	91.54
02 87 19 00-0131	WK	Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Clean-up	251.73
02 87 19 00-0132	MO	Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Clean-up	686.53

02 87 19 00-0133 Bio-Hazard And Infectious Disease Control Hauling By Truck (02 87 19)

Note: Includes driver and equipment, ten (10) to fifteen (15) minutes load time, time for travel, dump time and return (roundtrip). The task quantity is the number of miles to the disposal site/transfer station (one-way mileage) using an appropriately sized truck.

02 87 19 00-0134	EA	Hauling With 2-3 CY Pick-up Truck, Van Or Trailer, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Clean Up	100.02
		Note: Each first 15 miles per trip	
		For Each Additional Mile Over First 15 Miles, Add Per Mile	1.25
02 87 19 00-0135	EA	Hauling With 6 To 8 CY Dump Truck, Up To 15 Miles For Bio-Hazard And Infectious Control Clean Up	162.00
		Note: Each first 15 miles per trip	
		For Each Additional Mile Over First 15 Miles, Add Per Mile	2.03
02 87 19 00-0136	EA	Hauling With 10 To 12 CY Dump Truck, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Clean Up	167.89
		Note: Each first 15 miles per trip	
		For Each Additional Mile Over First 15 Miles, Add Per Mile	2.10
02 87 19 00-0137	EA	Hauling With 16' To 20', Box Or Flat Bed Truck, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Clean Up	170.25
		Note: Each first 15 miles per trip	
		For Each Additional Mile Over First 15 Miles, Add Per Mile	2.13

02 87 19 00-0138 Bio-Hazard And Infectious Disease Control Disposal (02 87 19)

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.

02 87 19 00-0139	CY	Bio-Hazard And Infectious Disease Control Landfill Dump Fee	44.38
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02 87 19 00-0140 BLU-MED Response Systems® (BLU-MED) Deployable Medical Facilities™ and Emergency Shelters (02 87 19)

Note: Includes delivery and set-up of facility, electrical, lighting and HVAC. Excludes medical equipment.

02 87 19 00-0141	EA	20' x 32.5' Medical Shelter with 1-phase electrical, 60 Hertz (BLU-MED BM-2032.5-MS/1P)	43,293.56
02 87 19 00-0142	EA	7' x 8' Entry Vestibule (BLU-MED BM-MS-VEST)	4,161.96
02 87 19 00-0143	EA	Vestibule End Panel with Bump Thru Door (BLU-MED BM-7x8-VEP04)	6,886.36
02 87 19 00-0144	SF	Sub Flooring For Medical Shelter (AKS-AB846)	6.42
02 87 19 00-0145	EA	Upgrade To Large Roto-Mold Container, Blue (AK-ULC-5)	1,890.16
02 87 19 00-0146	EA	Environmental Control Unit-5 Ton, 60 Hertz, Blue (AK-ECU-5T-5)	30,958.48
02 87 19 00-0147	EA	3' ECU to Generator Pigtail, 60 Hertz (AKS-AC915)	1,079.08
02 87 19 00-0148	EA	Negative Pressure Isolation (NPI) System (AK-NPIS-5)	48,728.14
		Note: Including: (1) Germicidal/high efficiency particulate air (HEPA) Filter Unit; (1) Monitor/Alarm with Motorized Damper; (1) Isolation Partition for 20'-Wide Shelter; (1) NPI Accessories Case	
02 87 19 00-0149	EA	6' Step Ladder (AKS-AC595)	293.43
02 87 19 00-0150	EA	10 Lbs Sledgehammer (AKS-AA268)	89.21

02 87 19 00-0151 Bio-Hazard And Infectious Disease Time And Material Tasks (02 87 19)

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 87 19 00-0152 Bio-Hazard And Infectious Disease Control Labor (02 87 19 00-0151)
Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.

02 87 19 00-0153	HR		General Laborer For Bio-Hazard And Infectious Disease Control Clean Up	97.90	
02 87 19 00-0154	HR		Skilled Tradesman For Bio-Hazard And Infectious Disease Control Clean Up	138.11	
02 87 19 00-0155	HR		Biohazard Technician For Bio-Hazard And Infectious Disease Control Clean Up	101.65	
02 87 19 00-0156	HR		Biohazard Supervisor For Bio-Hazard And Infectious Disease Control Clean Up	122.22	
02 87 19 00-0157	HR		Project Manager For Bio-Hazard And Infectious Disease Control Clean Up	134.42	

02 87 19 00-0158 Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment (02 87 19 00-0151)
Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.

02 87 19 00-0159	EA		Tyvek Coveralls For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment.....	14.55	
02 87 19 00-0160	EA		Tyvek Coveralls With Hood, Boots, Elastic Wrists And Ankles For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	22.76	
02 87 19 00-0161	PR		Polycarbonate Lens Safety Goggles For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	14.75	
02 87 19 00-0162	EA		Dual Cartridge Half-Mask Respirator For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	120.40	
02 87 19 00-0163	EA		Cartridge - Respirator For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment.....	50.82	
02 87 19 00-0164	EA		Full Face Respirator For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment.....	367.32	
Note: Respirator Connection Type: Bayonet, 4 pt. Full Face Suspension					
02 87 19 00-0165	EA		14-1/2" Width x 9" Height Polycarbonate Visor Faceshield For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	50.21	
Note: Includes basic impact ratchet headgear and faceshield safety system. ANSI Z87.1-2010					
02 87 19 00-0166	EA		19" Width x 11" Height Polycarbonate Visor Attachment To Hardhat For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment.....	91.22	
Note: Includes clear polycarbonate crown and chin guard system for hardhat. The chin guard extends below the chin, the shield extends passed the ear, and the crown extends over the forehead to the front of the hardhat. ANSI Z87.1-2015. Excludes hardhat.					
02 87 19 00-0167	BOX		Box of 100, 5 Mil, Disposable Latex Gloves For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	26.36	
02 87 19 00-0168	EA		Gloves - Rubber (Heavy Duty) For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	22.51	
02 87 19 00-0169	EA		Belt-Mounted, Universal Mask, Powered Air Purifying Respirator (PAPR) System Kit For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	2,455.21	
Note: Kit includes NIOSH Approved with Draeger DHR 7000, C420 Blower, Single-Speed Toggle, Battery - LiSO2 (BA5800/U), C420 Breathing Tube Assembly with 75 Degrees Swivel, Decon Belt Assembly 70" x 2", C420 Airflow Indicator (Afl), Micronel Safety M95 Cartridge (2), Molded Case, Black, CBRN Breathing Tube Assembly					

02 87 19 00-0170 Bio-Hazard And Infectious Disease Control Expendables (02 87 19 00-0151)
Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections. See CSI section 01 56 16 00-0001 for temporary sheeting, 01 56 16 00-0035 for temporary walls.

02 87 19 00-0171	GAL		Bleach For Bio-Hazard And Infectious Disease Control Clean-up	11.34	
02 87 19 00-0172	EA		N95 Masks For Bio-Hazard And Infectious Disease Control Clean-up	4.04	
02 87 19 00-0173	GAL		Disinfectant/Antimicrobial For Bio-Hazard And Infectious Disease Control Clean Up	111.11	
02 87 19 00-0174	GAL		Goldshield® GS5 Antimicrobial Concentrate For Bio-Hazard And Infectious Disease Control Clean-up	334.55	
Note: Mix 1 gallon in 5 gallons of water to produce 6 gallons of ready-to-use product. Use on any surface for bacterial inhibition up to 30 days					
02 87 19 00-0175	QT		Hand Sanitizer For Bio-Hazard And Infectious Disease Control Clean-up	11.26	
02 87 19 00-0176	EA		Sponges - Dry For Bio-Hazard And Infectious Disease Control Clean-up	5.76	
02 87 19 00-0177	ROL		Tape - Duct, 2" x 50 YD For Bio-Hazard And Infectious Disease Control Clean-up	14.46	
02 87 19 00-0178	EA		UV Mini Light, Handheld For Bio-Hazard And Infectious Disease Control Clean-up	73.09	
02 87 19 00-0179	ROL		Visqueen 1 Mil, 12' x 400', For Bio-Hazard And Infectious Disease Control Clean-up	58.29	
02 87 19 00-0180	LB		Wipes, Terry Cloth 14" x 17" For Bio-Hazard And Infectious Disease Control Clean-up	8.21	
02 87 19 00-0181	EA		Wyp-A-lls, Case, 160 Wipes For Bio-Hazard And Infectious Disease Control Clean-up	18.00	
02 87 19 00-0182	ROL		6 Mil, 55 Gallon Trash Bags, 50/Roll For Bio-Hazard And Infectious Disease Control Clean Up	179.43	

02 89 Hazmat Ancillary Tasks and Support (02 89)

02 89 00 00-0001 Barriers And Protection (02 89)
Note: Includes removal and disposal after use.

02 89 00 00-0002 Isolation Barriers/Infectious Control (02 89 00 00-0001)
See CSI section 01 56 16 00-0035 for temporary stud walls.

02 89 00 00-0003 Hazmat Containment Construction Plastic Sheeting (02 89 00 00-0001)

02 89 00 00-0004	SF		6 Mil Plastic Sheeting, Applied To Floors, Hazmat Containment Construction	0.44	
02 89 00 00-0005	SF		6 Mil Plastic Sheeting, Applied To Walls, Hazmat Containment Construction	0.59	
02 89 00 00-0006	SF		6 Mil Plastic Sheeting, Applied To Ceilings, Hazmat Containment Construction	0.78	
02 89 00 00-0007	SF		6 Mil Plastic Fire Retardant, Anti Static Sheeting, Applied To Floors, Hazmat Containment Construction	0.68	
02 89 00 00-0008	SF		6 Mil Plastic Fire Retardant, Anti Static Retardant Sheeting, Applied To Walls, Hazmat Containment Construction	0.86	
02 89 00 00-0009	SF		6 Mil Plastic Fire Retardant, Anti Static Retardant Sheeting, Applied To Ceilings, Hazmat Containment Construction	1.12	

02 89 00 00-0010 Cleaning Surfaces (02 89 00 00-0001)
Note: Other surfaces outside contamination area but not contaminated by, or part of removal.

02 89 00 00-0011	SF		Up To 100 SF, Clean Non-Asbestos Surface	1.78	
02 89 00 00-0012	SF		>100 To 500 SF, Clean Non-Asbestos Surface	1.25	
02 89 00 00-0013	SF		>500 To 1,000 SF, Clean Non-Asbestos Surface	0.82	
02 89 00 00-0014	SF		>1,000 SF, Clean Non-Asbestos Surface	0.64	

02 Existing Conditions**02 80 Facility Remediation****02 89 Hazmat Ancillary Tasks and Support**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 89 00 00-0015	Decontamination Chambers ^(02 89)	
	Note: Includes removal after use.	
02 89 00 00-0016	EA 3 Stage Portable Personnel Decontamination Wash Facility	978.81
	Note: Includes connection to negative air system.	
02 89 00 00-0017	EA 5 Stage Portable Personnel Decontamination Wash Facility	1,153.78
	Note: Includes connection to negative air system.	
02 89 00 00-0018	EA Portable Waste Decontamination Unit	598.45
	Note: Includes connection to negative air system.	
	<i>For Dismantling And Relocation To A Different Area, Add</i>	383.09

02 90 Disaster Recovery ⁽⁰²⁾

Note: The tasks in this division are only to be used when specifically requested by the Owner and are not to be combined with tasks from other divisions of this or other Construction Task Catalogs® unless specifically requested by the Owner.

02 90 50 Cleaning and Disaster Clean-up ^(02 90)

02 90 50 00-0001	Non-Mold Contaminated Wet Material Removal ^(02 90 50)	
	Note: For materials not requiring mold abatement.	
02 90 50 00-0002	SY Wet Broadloom Carpet Removal For Disaster Clean-up	24.15
02 90 50 00-0003	SY Wet Carpet Tile Removal For Disaster Clean-up	5.87
02 90 50 00-0004	SF Wet Batt Insulation Removal For Disaster Clean-up	0.49
02 90 50 00-0005	SF Wet Ceiling Tile Removal For Disaster Clean-up	0.59
02 90 50 00-0006	SF Single Layer, Wet Gypsum Board Removal For Disaster Clean-up	0.57
02 90 50 00-0007	SF Double Layer, Wet Gypsum Board Removal For Disaster Clean-up	0.90

02 90 50 00-0008	Cleaning ^(02 90 50)	
	Note: Use "Light Clean" when soot or dust is barely evident. Use "Medium Clean" when paint color can be seen through the soot or dust. Use "Heavy Clean" when paint color cannot be seen. Includes all man power, equipment and expendables required	

02 90 50 00-0009	Clean Furnishings ^(02 90 50 00-0008)	
02 90 50 00-0010	EA Office Equipment, Exterior Wipe For Disaster Clean-up	27.90
	<i>For Medium Clean, Add</i>	11.72
	<i>For Heavy Clean, Add</i>	36.27
02 90 50 00-0011	SF Bookcase (Per SF Of Face Area), Light Clean For Disaster Clean-up	1.55
	<i>For Medium Clean, Add</i>	0.65
	<i>For Heavy Clean, Add</i>	2.02
02 90 50 00-0012	LF Shelving, Light Clean For Disaster Clean-up	2.79
	<i>For Medium Clean, Add</i>	1.17
	<i>For Heavy Clean, Add</i>	3.63
02 90 50 00-0013	EA Plastic Or Metal Chair, Light Clean For Disaster Clean-up	8.06
	<i>For Medium Clean, Add</i>	3.39
	<i>For Heavy Clean, Add</i>	10.48
02 90 50 00-0014	EA Upholstered Chair, Light Clean For Disaster Clean-up	26.04
	<i>For Medium Clean, Add</i>	10.94
	<i>For Heavy Clean, Add</i>	33.85
02 90 50 00-0015	EA Upholstered Sofa, Light Clean For Disaster Clean-up	160.56
	<i>For Medium Clean, Add</i>	67.44
	<i>For Heavy Clean, Add</i>	208.73
02 90 50 00-0016	EA Desk, Light Clean For Disaster Clean-up	32.86
	<i>For Medium Clean, Add</i>	13.80
	<i>For Heavy Clean, Add</i>	42.72
02 90 50 00-0017	EA Table, Light Clean For Disaster Clean-up	31.00
	<i>For Medium Clean, Add</i>	13.02
	<i>For Heavy Clean, Add</i>	40.30
02 90 50 00-0018	EA Two Drawer File Cabinet, Light Clean For Disaster Clean-up	6.80
	<i>For Medium Clean, Add</i>	2.86
	<i>For Heavy Clean, Add</i>	8.84
02 90 50 00-0019	EA Four Drawer File Cabinet, Light Clean For Disaster Clean-up	8.69
	<i>For Medium Clean, Add</i>	3.65
	<i>For Heavy Clean, Add</i>	11.30
02 90 50 00-0020	LF Base Cabinet, Exterior Wipe, Light Clean For Disaster Clean-up	7.13
	<i>For Medium Clean, Add</i>	2.99
	<i>For Heavy Clean, Add</i>	9.27
02 90 50 00-0021	LF Base Cabinet, Exterior And Interior Wipe, Light Clean For Disaster Clean-up	13.95
	<i>For Medium Clean, Add</i>	5.86
	<i>For Heavy Clean, Add</i>	18.14
02 90 50 00-0022	LF Wall Cabinet, Exterior Wipe, Light Clean For Disaster Clean-up	7.13
	<i>For Medium Clean, Add</i>	2.99
	<i>For Heavy Clean, Add</i>	9.27
02 90 50 00-0023	LF Wall Cabinet, Exterior And Interior Wipe, Light Clean For Disaster Clean-up	12.40
	<i>For Medium Clean, Add</i>	5.21
	<i>For Heavy Clean, Add</i>	16.12
02 90 50 00-0024	EA Picture Frame, Glass And Back, Light Clean For Disaster Clean-up	2.97
	<i>For Medium Clean, Add</i>	1.25
	<i>For Heavy Clean, Add</i>	3.86

02 90 50 00-0025	Clean Hard Surfaces ^(02 90 50 00-0008)	
02 90 50 00-0026	LF Wood, Vinyl Or Rubber Baseboard, Light Clean For Disaster Clean-up	0.41
	<i>For Medium Clean, Add</i>	0.17
	<i>For Heavy Clean, Add</i>	0.53
02 90 50 00-0027	EA Door And Hardware (Per Side), Light Clean For Disaster Clean-up	5.27
	<i>For Medium Clean, Add</i>	2.21
	<i>For Heavy Clean, Add</i>	6.85

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0028	EA		Detailed Door And Hardware (Per Side), Light Clean For Disaster Clean-up.....	5.97	
			<i>For Medium Clean, Add</i>	2.51	
			<i>For Heavy Clean, Add</i>	7.76	
02 90 50 00-0029	SF		Overhead Door, Light Clean For Disaster Clean-up	0.42	
			<i>For Medium Clean, Add</i>	0.18	
			<i>For Heavy Clean, Add</i>	0.55	
02 90 50 00-0030	SF		Mirror, Light Clean For Disaster Clean-up	0.31	
			<i>For Medium Clean, Add</i>	0.13	
			<i>For Heavy Clean, Add</i>	0.40	
02 90 50 00-0031	SF		Window, Light Clean For Disaster Clean-up.....	0.91	
			<i>For Medium Clean, Add</i>	0.38	
			<i>For Heavy Clean, Add</i>	1.18	
02 90 50 00-0032	LF		Handrail, Light Clean For Disaster Clean-up	0.81	
			<i>For Medium Clean, Add</i>	0.34	
			<i>For Heavy Clean, Add</i>	1.05	
02 90 50 00-0033	LF		Bumper Rail, Light Clean For Disaster Clean-up	0.44	
			<i>For Medium Clean, Add</i>	0.18	
			<i>For Heavy Clean, Add</i>	0.57	
02 90 50 00-0034	SF		Hard Floor, Light Clean For Disaster Clean-up.....	0.36	
			<i>For Medium Clean, Add</i>	0.15	
			<i>For Heavy Clean, Add</i>	0.47	
02 90 50 00-0035	SF		Carpet, Light Clean For Disaster Clean-up.....	0.37	
			<i>For Medium Clean, Add</i>	0.16	
			<i>For Heavy Clean, Add</i>	0.48	
02 90 50 00-0036	SF		Hard Ceiling, Light Clean For Disaster Clean-up.....	0.28	
			<i>For Medium Clean, Add</i>	0.12	
			<i>For Heavy Clean, Add</i>	0.36	
02 90 50 00-0037	SF		Suspended Ceiling, Tile And Grid, Light Clean For Disaster Clean-up.....	0.31	
			<i>For Medium Clean, Add</i>	0.13	
			<i>For Heavy Clean, Add</i>	0.40	
02 90 50 00-0038	SF		Ceramic Tile Wall, Light Clean For Disaster Clean-up.....	0.26	
			<i>For Medium Clean, Add</i>	0.11	
			<i>For Heavy Clean, Add</i>	0.34	
02 90 50 00-0039	SF		Wall, Light Clean For Disaster Clean-up.....	0.19	
			<i>For Medium Clean, Add</i>	0.08	
			<i>For Heavy Clean, Add</i>	0.25	
02 90 50 00-0040	SF		Masonry Wall, Light Clean For Disaster Clean-up.....	0.26	
			<i>For Medium Clean, Add</i>	0.11	
			<i>For Heavy Clean, Add</i>	0.34	
02 90 50 00-0041	EA		Up To 24 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up.....	65.38	
			Note: Includes removal from site, cleaning, and return.		
			<i>For Medium Clean, Add</i>	27.46	
			<i>For Heavy Clean, Add</i>	84.99	
02 90 50 00-0042	EA		>24 To 96 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up.....	81.72	
			Note: Includes removal from site, cleaning, and return.		
			<i>For Medium Clean, Add</i>	34.32	
			<i>For Heavy Clean, Add</i>	106.24	
02 90 50 00-0043	EA		>96 To 140 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up.....	98.06	
			Note: Includes removal from site, cleaning, and return.		
			<i>For Medium Clean, Add</i>	41.19	
			<i>For Heavy Clean, Add</i>	127.48	
02 90 50 00-0044	EA		>140 To 216 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up.....	114.41	
			<i>For Medium Clean, Add</i>	48.05	
			<i>For Heavy Clean, Add</i>	148.73	
02 90 50 00-0045			Clean Window Treatments (02 90 50 00-0008)		
02 90 50 00-0046	SF		Window Blind, Light Clean For Disaster Clean-up.....	0.71	
			<i>For Medium Clean, Add</i>	0.30	
			<i>For Heavy Clean, Add</i>	0.92	
02 90 50 00-0047	EA		Up To 6' Long Drapery (Per Pleat), Light Clean For Disaster Clean-up	1.45	
			<i>For Medium Clean, Add</i>	0.61	
			<i>For Heavy Clean, Add</i>	1.89	
02 90 50 00-0048	EA		Up To 6' Long Lined Drapery (Per Pleat), Light Clean For Disaster Clean-up.....	1.68	
			<i>For Medium Clean, Add</i>	0.71	
			<i>For Heavy Clean, Add</i>	2.18	
02 90 50 00-0049	EA		>6' To 8' Drapery (Per Pleat), Light Clean For Disaster Clean-up	1.52	
			<i>For Medium Clean, Add</i>	0.64	
			<i>For Heavy Clean, Add</i>	1.98	
02 90 50 00-0050	EA		>6' To 8' Lined Drapery (Per Pleat), Light Clean For Disaster Clean-up.....	1.75	
			<i>For Medium Clean, Add</i>	0.74	
			<i>For Heavy Clean, Add</i>	2.28	
02 90 50 00-0051	EA		>8' To 10' Drapery (Per Pleat), Light Clean For Disaster Clean-up	1.87	
			<i>For Medium Clean, Add</i>	0.79	
			<i>For Heavy Clean, Add</i>	2.43	
02 90 50 00-0052	EA		>8' To 10' Lined Drapery (Per Pleat), Light Clean For Disaster Clean-up.....	2.15	
			<i>For Medium Clean, Add</i>	0.90	
			<i>For Heavy Clean, Add</i>	2.80	
02 90 50 00-0053			Clean Appliances (02 90 50 00-0008)		
02 90 50 00-0054	EA		Microwave Oven, Outside, Light Clean For Disaster Clean-up.....	12.84	
			<i>For Medium Clean, Add</i>	5.39	
			<i>For Heavy Clean, Add</i>	16.69	
02 90 50 00-0055	EA		Refrigerator, Outside, Light Clean For Disaster Clean-up	30.26	
			<i>For Medium Clean, Add</i>	12.71	
			<i>For Heavy Clean, Add</i>	39.34	

02 Existing Conditions**02 90 Disaster Recovery****02 90 50 Cleaning and Disaster Clean-up**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0056	EA		Range, Outside, Light Clean For Disaster Clean-up.....	26.15	
			<i>For Medium Clean, Add</i>	10.98	
			<i>For Heavy Clean, Add</i>	34.00	
02 90 50 00-0057			Clean Plumbing (02 90 50 00-0008)		
02 90 50 00-0058	EA		Water Heater, Light Clean For Disaster Clean-up.....	18.60	
			<i>For Medium Clean, Add</i>	7.81	
			<i>For Heavy Clean, Add</i>	24.18	
02 90 50 00-0059	EA		Plumbing Fixture, Light Clean For Disaster Clean-up.....	18.78	
			<i>For Medium Clean, Add</i>	7.89	
			<i>For Heavy Clean, Add</i>	24.41	
02 90 50 00-0060	EA		Restroom Accessory, Light Clean For Disaster Clean-up.....	8.62	
			<i>For Medium Clean, Add</i>	3.62	
			<i>For Heavy Clean, Add</i>	11.21	
02 90 50 00-0061			Clean HVAC (02 90 50 00-0008)		
02 90 50 00-0062	LF		Baseboard Heater, Light Clean For Disaster Clean-up.....	5.55	
			<i>For Medium Clean, Add</i>	2.33	
			<i>For Heavy Clean, Add</i>	7.22	
02 90 50 00-0063	LF		Ductwork, Exterior Wipe, Light Clean For Disaster Clean-up.....	15.50	
			<i>For Medium Clean, Add</i>	6.51	
			<i>For Heavy Clean, Add</i>	20.15	
02 90 50 00-0064	EA		Ductwork, Interior (Per Grille/Register), Light Clean For Disaster Clean-up.....	59.52	
			<i>For Medium Clean, Add</i>	25.00	
			<i>For Heavy Clean, Add</i>	77.38	
02 90 50 00-0065	EA		Grille/Register, Light Clean For Disaster Clean-up.....	5.58	
			<i>For Medium Clean, Add</i>	2.34	
			<i>For Heavy Clean, Add</i>	7.25	
02 90 50 00-0066	EA		Air Handling Unit, Exterior Wipe, Light Clean For Disaster Clean-up.....	38.64	
			<i>For Medium Clean, Add</i>	16.23	
			<i>For Heavy Clean, Add</i>	50.23	
02 90 50 00-0067	EA		Furnace, Exterior Wipe, Light Clean For Disaster Clean-up.....	34.41	
			<i>For Medium Clean, Add</i>	14.45	
			<i>For Heavy Clean, Add</i>	44.73	
02 90 50 00-0068			Clean Electrical (02 90 50 00-0008)		
02 90 50 00-0069	EA		Electric Fan, Light Clean For Disaster Clean-up.....	22.94	
			<i>For Medium Clean, Add</i>	9.63	
			<i>For Heavy Clean, Add</i>	29.82	
02 90 50 00-0070	EA		Ceiling Fan, Light Clean For Disaster Clean-up.....	24.80	
			<i>For Medium Clean, Add</i>	10.42	
			<i>For Heavy Clean, Add</i>	32.24	
02 90 50 00-0071	EA		Ceiling Fan And Light, Light Clean For Disaster Clean-up.....	32.24	
			<i>For Medium Clean, Add</i>	13.54	
			<i>For Heavy Clean, Add</i>	41.91	
02 90 50 00-0072	EA		Ceiling Exhaust Fan, Light Clean For Disaster Clean-up.....	22.63	
			<i>For Medium Clean, Add</i>	9.50	
			<i>For Heavy Clean, Add</i>	29.42	
02 90 50 00-0073	EA		2' x 4' Light Fixture, Light Clean For Disaster Clean-up.....	14.88	
			<i>For Medium Clean, Add</i>	6.25	
			<i>For Heavy Clean, Add</i>	19.34	
02 90 50 00-0074	EA		Light Fixture, Light Clean For Disaster Clean-up.....	6.82	
			<i>For Medium Clean, Add</i>	2.86	
			<i>For Heavy Clean, Add</i>	8.87	
02 90 50 00-0075	EA		Smoke Detector, Light Clean For Disaster Clean-up.....	5.27	
			<i>For Medium Clean, Add</i>	2.21	
			<i>For Heavy Clean, Add</i>	6.85	
02 90 50 00-0076	EA		Thermostat, Light Clean For Disaster Clean-up.....	1.86	
			<i>For Medium Clean, Add</i>	0.78	
			<i>For Heavy Clean, Add</i>	2.42	
02 90 50 00-0077			Thermal Fog (02 90 50 00-0008)		
02 90 50 00-0078	CF		Clean And Deodorize Building With Thermal Fog For Disaster Clean-up.....	0.02	
02 90 50 00-0079			Contents Manipulation (02 90 50)		
02 90 50 00-0080	SF		Cover Contents With 6 Mil Plastic Sheeting For Disaster Clean-up.....	0.24	
02 90 50 00-0081	SF		Floor Protection, Adhesive Film For Disaster Clean-up.....	0.29	
02 90 50 00-0082	SF		Move Contents Out And Later Reset For Disaster Clean-up.....	0.49	
02 90 50 00-0083	MO		20' Long Job Site Storage Trailer For Disaster Clean-up.....	185.78	
02 90 50 00-0084	MO		40' Long Job Site Storage Trailer For Disaster Clean-up.....	246.38	
02 90 50 00-0085	EA		Delivery Or Pickup Job Site Storage Trailer For Disaster Clean-up.....	144.20	
02 90 50 00-0086			Water Disaster Clean-up (02 90 50)		
02 90 50 00-0087	LF		Detach Baseboard For Disaster Clean-up.....	0.67	
02 90 50 00-0088	LF		Detach And Later Reset Baseboard For Disaster Clean-up.....	1.19	
02 90 50 00-0089	EA		Block And Pad Furniture (Per Piece Of Furniture) For Disaster Clean-up.....	4.38	
02 90 50 00-0090	SF		Water Extraction From Floor For Disaster Clean-up.....	0.45	
02 90 50 00-0091	SF		Gray Water Extraction From Floor For Disaster Clean-up.....	0.73	
02 90 50 00-0092	SF		Black Water Extraction From Floor For Disaster Clean-up.....	1.16	
02 90 50 00-0093	SF		Tear Out Wet Non Salvageable Carpet For Disaster Clean-up.....	0.36	
02 90 50 00-0094	SF		Tear Out Wet Non Salvageable Carpet, Black Water For Disaster Clean-up.....	0.43	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 90 50 00-0095	SF		Tear Out Wet Non Salvageable Glue Down Carpet For Disaster Clean-up.....	0.64	
02 90 50 00-0096	SF		Tear Out Wet Non Salvageable Glue Down Carpet, Black Water For Disaster Clean-up	0.94	
02 90 50 00-0097	SF		Tear Out Vinyl Flooring For Disaster Clean-up	0.89	
02 90 50 00-0098	SF		Tear Out Vinyl Flooring, Black Water For Disaster Clean-up	1.31	
02 90 50 00-0099	SF		Tear Out Wood Flooring, Black Water For Disaster Clean-up	3.39	
02 90 50 00-0100	SF		Tear Out Laminated Wood Flooring For Disaster Clean-up	1.66	
02 90 50 00-0101	SF		Tear Out Laminated Wood Flooring, Black Water For Disaster Clean-up	2.45	
02 90 50 00-0102	SF		Tear Out Wet Ceiling Tile For Disaster Clean-up	0.28	
02 90 50 00-0103	SF		Tear Out Batt Insulation For Disaster Clean-up	0.28	
02 90 50 00-0104	SF		Tear Out Wet Gypsum Board For Disaster Clean-up	0.48	
02 90 50 00-0105	SF		Apply Antimicrobial Agent For Disaster Clean-up	0.28	
02 90 50 00-0106	SF		High Efficiency Particulate Air (HEPA) Vacuuming For Disaster Clean-up	0.36	

02 90 50 00-0107 Board Up And Tarp Up (02 90 50)

02 90 50 00-0108	SF		Polyethylene Tarp On Roof For Disaster Clean-up.....	0.27	
02 90 50 00-0109	SF		1/2" Temporary Plywood On Roof For Disaster Clean-up	1.66	
02 90 50 00-0110	SF		5/8" Temporary Plywood On Roof For Disaster Clean-up	1.82	
02 90 50 00-0111	SF		3/4" Temporary Plywood On Roof For Disaster Clean-up	1.98	
02 90 50 00-0112	SF		1/2" Temporary Plywood On Wall Or Windows For Disaster Clean-up.....	2.03	
02 90 50 00-0113	SF		5/8" Temporary Plywood On Wall Or Windows For Disaster Clean-up	2.19	
02 90 50 00-0114	SF		3/4" Temporary Plywood On Wall Or Windows For Disaster Clean-up	2.35	

02 90 50 00-0115 Minimum Charges (02 90 50)

02 90 50 00-0116	EA		Disaster Cleaning Minimum Charge	1,352.26	
02 90 50 00-0117	EA		Disaster Water Extraction Minimum Charge	279.08	
02 90 50 00-0118	EA		Disaster Carpet Cleaning Minimum Charge	239.21	

02 90 50 00-0119 Document Restoration (02 90 50)

02 90 50 00-0120	EA		Book Rebinding, Each For Document Restoration	123.53	
02 90 50 00-0121	EA		Book Recasing, Each For Document Restoration	61.76	
02 90 50 00-0122	EA		Boxes-MCS, 1.2 CF For Document Restoration	8.75	
02 90 50 00-0123	EA		Boxes-MCS, 2.0 CF For Document Restoration	9.65	
02 90 50 00-0124	EA		Boxes Bankers For Document Restoration	19.73	
02 90 50 00-0125	EA		Boxes Standard Packout For Document Restoration	5.60	
02 90 50 00-0126	EA		Boxes X Ray For Document Restoration	12.36	
02 90 50 00-0127	EA		CD Scanning and Diagnostics, Each For Document Restoration	12.36	
02 90 50 00-0128	EA		Cleaning Antique Books, Each For Document Restoration	370.57	
02 90 50 00-0129	EA		Cleaning Catheter Roll, Per Roll For Document Restoration	49.40	
02 90 50 00-0130	EA		Cleaning CD And DVD, Per Disc For Document Restoration	4.96	
02 90 50 00-0131	EA		Cleaning Level 1 - Blue Prints, Each For Document Restoration.....	3.93	
02 90 50 00-0132	CF		Cleaning Level 1 - Document Per CF For Document Restoration	121.78	
02 90 50 00-0133	EA		Cleaning Level 1 - Linen, Each For Document Restoration	3.93	
02 90 50 00-0134	EA		Cleaning Level 1 - Mylar, Each For Document Restoration	3.93	
02 90 50 00-0135	EA		Cleaning Level 2 - Blue Print, Each For Document Restoration	4.88	
02 90 50 00-0136	CF		Cleaning Level 2 - Document Per CF For Document Restoration	182.51	
02 90 50 00-0137	EA		Cleaning Level 2 - Linen, Each For Document Restoration	4.88	
02 90 50 00-0138	EA		Cleaning Level 2 - Mylar, Each For Document Restoration	4.88	
02 90 50 00-0139	EA		Cleaning Level 3 - Blue Prints, Each For Document Restoration.....	6.93	
02 90 50 00-0140	CF		Cleaning Level 3 - Document Per CF For Document Restoration	243.52	
02 90 50 00-0141	EA		Cleaning Level 3 - Linen, Each For Document Restoration	6.93	
02 90 50 00-0142	EA		Cleaning Level 3 - Mylar, Each For Document Restoration	6.93	
02 90 50 00-0143	EA		Cleaning Level 4 - All Fire-Blue Print, Each For Document Restoration.....	9.71	
02 90 50 00-0144	EA		Cleaning Level 4 - All Fire-Linen, Each For Document Restoration.....	9.71	
02 90 50 00-0145	EA		Cleaning Level 4 - All Fire-Mylar, Each For Document Restoration.....	9.71	
02 90 50 00-0146	CF		Cleaning Level 4 - Light Fire-Documnet Per CF For Document Restoration	304.35	
02 90 50 00-0147	EA		Cleaning Level 5 - Severe Fire-Blue Print, Each For Document Restoration.....	10.76	
02 90 50 00-0148	CF		Cleaning Level 5 - Severe Fire-Documnet Per CF For Document Restoration.....	456.66	
02 90 50 00-0149	EA		Cleaning Level 5 - Severe Fire-Linen, Each For Document Restoration	10.76	
02 90 50 00-0150	EA		Cleaning Level 5 - Severe Fire-Mylar, Each For Document Restoration	10.76	
02 90 50 00-0151	EA		Cleaning Microfiche Sheets, Each For Document Restoration	3.80	
02 90 50 00-0152	EA		Cleaning Microfiche Strips, Each For Document Restoration	0.88	
02 90 50 00-0153	EA		Cleaning Microfilm Rolls (In House), Per Roll For Document Restoration	123.53	
02 90 50 00-0154	EA		Cleaning Microfilm Rolls (Outside), Per Roll For Document Restoration	172.95	
02 90 50 00-0155	EA		Cleaning Photographs Negatives, Per Negative For Document Restoration.....	3.80	
02 90 50 00-0156	EA		Cleaning Photographs, Each For Document Restoration	0.88	
02 90 50 00-0157	EA		Cleaning Record Albums, Each For Document Restoration	4.96	
02 90 50 00-0158	EA		Cleaning VHS And Beta Tapes-In House, Each For Document Restoration	12.36	
02 90 50 00-0159	EA		Cleaning VHS And Beta Tapes-Outside, Each For Document Restoration	49.40	
02 90 50 00-0160	EA		Cleaning X Ray 1-1000, Per Film For Document Restoration	5.19	
02 90 50 00-0161	EA		Cleaning X Ray 1K-5K, Per Film For Document Restoration	4.43	
02 90 50 00-0162	EA		Cleaning X Ray 5K-Up, Per Film For Document Restoration	3.48	
02 90 50 00-0163	EA		Copying Clean Water, Per Page For Document Restoration	0.51	
02 90 50 00-0164	EA		Copying Greywater Fire, Per Page For Document Restoration	1.34	
02 90 50 00-0165	CF		Deodorization, Vapor Tech For Document Restoration	8.89	
02 90 50 00-0166	CF		Disinfectant-Fogging For Document Restoration	17.32	
02 90 50 00-0167	EA		Document Disposal In House No Shredding For Document Restoration.....	69.06	
02 90 50 00-0168	EA		Document Disposal In House With Shredding For Document Restoration.....	18.85	
02 90 50 00-0169	CF		Up To 150 CF, Drying-MCS Center For Document Restoration	222.34	
02 90 50 00-0170	CF		>150 To 500 CF, Drying-MCS Center For Document Restoration	172.95	
02 90 50 00-0171	CF		>500 CF, Drying-MCS Center For Document Restoration	148.23	
02 90 50 00-0172	CF		>50 To 150 CF, Drying-MCS Center For Document Restoration.....	197.65	
02 90 50 00-0173	CF		Up To 500 CF, Drying-Onsite For Document Restoration	370.57	

02 Existing Conditions**02 90 Disaster Recovery****02 90 50 Cleaning and Disaster Clean-up**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 90 50 00-0174	CF	>500 CF, Drying-Onsite For Document Restoration	227.33
02 90 50 00-0175	EA	Drying Antique Books, Each For Document Restoration	49.40
02 90 50 00-0176	EA	Drying Blue Prints, Each For Document Restoration	6.18
02 90 50 00-0177	EA	DVD Scanning And Diagnostics, Each For Document Restoration	12.36
02 90 50 00-0178	EA	Freeze Drying (In House) For Document Restoration	126.04
02 90 50 00-0179	EA	Freeze Drying (Outside) For Document Restoration	108.03
02 90 50 00-0180	EA	Up To 48 CF, Irradiation - Gamma (Minimum Charge) For Document Restoration	2,970.82
02 90 50 00-0181	CF	>48 CF, Irradiation - Gamma (Per CF Charge) For Document Restoration	27.01
02 90 50 00-0182	EA	Minimal Drying Jobs For Document Restoration	1,251.35
02 90 50 00-0183	EA	Monthly Storage For Document Restoration	225.06
02 90 50 00-0184	EA	Mylar Prints For Document Restoration	12.36
02 90 50 00-0185	CF	Ozoning For Document Restoration	7.98
02 90 50 00-0186	CF	Stabilization Freezer Storage, Per Cubic Foot Per Month For Document Restoration	10.88
02 90 50 00-0187	MO	Stabilization Freezer Storage, Per Page-Per Month For Document Restoration	0.12
02 90 50 00-0188	EA	Wood Pallets, Each For Document Restoration	30.23

02 90 55 Emergency Clean-up (02 90)**02 90 55 00-0001 Emergency Clean-up (02 90 55)**

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.

02 90 55 00-0002 Emergency Clean-up Labor (02 90 55 00-0001)

Note: Used in the performance of time and material projects. Not to be used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.

02 90 55 00-0003	HR	Skilled Tradesman For Emergency Clean Up	60.96
02 90 55 00-0004	HR	Restoration / Document Laborer For Emergency Clean Up	42.67
02 90 55 00-0005	HR	Restoration / Document Supervisor For Emergency Clean Up	58.67
02 90 55 00-0006	HR	Restoration / Document Project Manager For Emergency Clean Up	96.01
02 90 55 00-0007	HR	Assistant Project Manager For Emergency Clean Up	80.01
02 90 55 00-0008	HR	Senior Project Manager For Emergency Clean Up	112.01
02 90 55 00-0009	HR	Project Director / Document Consultant / Account Manager For Emergency Clean Up	160.02
02 90 55 00-0010	HR	Equipment Technician For Emergency Clean Up	117.35
02 90 55 00-0011	HR	Mold Remediation Laborer For Emergency Clean Up	58.42
02 90 55 00-0012	HR	Mold Remediation Supervisor For Emergency Clean Up	80.01
02 90 55 00-0013	HR	Administrative Personnel For Emergency Clean Up	37.34
02 90 55 00-0014	HR	Project Accountant For Emergency Clean Up	60.96
02 90 55 00-0015	HR	Biohazard Technician For Emergency Clean Up	84.71
02 90 55 00-0016	HR	Biohazard Supervisor For Emergency Clean Up	101.85
02 90 55 00-0017	HR	Health And Safety Officer For Emergency Clean Up	91.44
02 90 55 00-0018	HR	Resource And Logistics Coordinator For Emergency Clean Up	66.04
02 90 55 00-0019	HR	Loss Control Specialist For Emergency Clean Up	64.01
02 90 55 00-0020	HR	Moisture Control Specialist For Emergency Clean Up	52.83
02 90 55 00-0021	HR	Mobilization Support For Emergency Clean Up	32.51

02 90 55 00-0022 Emergency Clean-up Equipment (02 90 55 00-0001)

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.

02 90 55 00-0023 General Emergency Clean-up Equipment (02 90 55 00-0022)

02 90 55 00-0024	DAY	265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up	149.03
02 90 55 00-0025	WK	265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up	568.51
02 90 55 00-0026	MO	265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up	1,556.50
02 90 55 00-0027	DAY	13" Floor Buffer Rental For Emergency Clean-up	52.72
02 90 55 00-0028	WK	13" Floor Buffer Rental For Emergency Clean-up	141.53
02 90 55 00-0029	MO	13" Floor Buffer Rental For Emergency Clean-up	390.71
02 90 55 00-0030	DAY	17" Floor Buffer Rental For Emergency Clean-up	97.68
02 90 55 00-0031	WK	17" Floor Buffer Rental For Emergency Clean-up	249.18
02 90 55 00-0032	MO	17" Floor Buffer Rental For Emergency Clean-up	588.05
02 90 55 00-0033	DAY	Walk Behind Floor Scrubber Rental For Emergency Clean-up	538.22
02 90 55 00-0034	WK	Walk Behind Floor Scrubber Rental For Emergency Clean-up	1,445.22
02 90 55 00-0035	MO	Walk Behind Floor Scrubber Rental For Emergency Clean-up	4,026.67
02 90 55 00-0036	DAY	Ride-On Floor Scrubber Rental For Emergency Clean-up	1,215.97
02 90 55 00-0037	WK	Ride-On Floor Scrubber Rental For Emergency Clean-up	3,209.37
02 90 55 00-0038	MO	Ride-On Floor Scrubber Rental For Emergency Clean-up	8,651.36
02 90 55 00-0039	DAY	4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	87.71
02 90 55 00-0040	WK	4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	249.18
02 90 55 00-0041	MO	4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	857.16
02 90 55 00-0042	DAY	8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	81.73
02 90 55 00-0043	WK	8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	219.27
02 90 55 00-0044	MO	8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	568.12
02 90 55 00-0045	DAY	17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	130.77
02 90 55 00-0046	WK	17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	373.16
02 90 55 00-0047	MO	17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	1,042.95
02 90 55 00-0048	DAY	Truck Mounted Extractor Rental For Emergency Clean-up	928.92
02 90 55 00-0049	WK	Truck Mounted Extractor Rental For Emergency Clean-up	2,786.75
02 90 55 00-0050	MO	Truck Mounted Extractor Rental For Emergency Clean-up	8,360.25
02 90 55 00-0051	DAY	16" Chain Saw Rental For Emergency Clean-up	95.68
02 90 55 00-0052	WK	16" Chain Saw Rental For Emergency Clean-up	215.29
02 90 55 00-0053	MO	16" Chain Saw Rental For Emergency Clean-up	574.10
02 90 55 00-0054	DAY	20" Chain Saw Rental For Emergency Clean-up	119.60
02 90 55 00-0055	WK	20" Chain Saw Rental For Emergency Clean-up	269.11
02 90 55 00-0056	MO	20" Chain Saw Rental For Emergency Clean-up	717.62
02 90 55 00-0057	EA	Cleaning Kit With Mop, Broom And Bucket For Emergency Clean-up	89.70
02 90 55 00-0058	DAY	14" To 16" Electric Cut Off Saw Rental For Emergency Clean-up	127.58

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0059	WK		14" To 16" Electric Cut Off Saw Rental For Emergency Clean-up	348.84	
02 90 55 00-0060	MO		14" To 16" Electric Cut Off Saw Rental For Emergency Clean-up	976.77	
02 90 55 00-0061	DAY		12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up	155.49	
02 90 55 00-0062	WK		12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up	528.25	
02 90 55 00-0063	MO		12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up	1,006.67	
02 90 55 00-0064	DAY		Wet Or Dry Portable Cleaning Unit For Emergency Clean-up	149.39	
02 90 55 00-0065	WK		Wet Or Dry Portable Cleaning Unit For Emergency Clean-up	410.81	
02 90 55 00-0066	MO		Wet Or Dry Portable Cleaning Unit For Emergency Clean-up	1,120.40	
02 90 55 00-0067	DAY		Extension Cords - 220 Volt For Emergency Clean-up	49.84	
02 90 55 00-0068	DAY		Extension Cords - 220 Volt Converter Box For Emergency Clean-up	29.90	
02 90 55 00-0069	DAY		Demolition Cart, 1 Yard For Emergency Clean-up	79.74	
02 90 55 00-0070	WK		Demolition Cart, 1 Yard For Emergency Clean-up	219.27	
02 90 55 00-0071	MO		Demolition Cart, 1 Yard For Emergency Clean-up	598.02	
02 90 55 00-0072	DAY		Demolition Cart, 1-1/2 Yard For Emergency Clean-up	99.67	
02 90 55 00-0073	WK		Demolition Cart, 1-1/2 Yard For Emergency Clean-up	274.09	
02 90 55 00-0074	MO		Demolition Cart, 1-1/2 Yard For Emergency Clean-up	747.52	
02 90 55 00-0075	EA		Demolition Kit With Wheel Barrow, Shovel And Broom For Emergency Clean-up	149.50	
02 90 55 00-0076	DAY		Dry-Ice Blasting System For Emergency Clean-up	1,752.79	
02 90 55 00-0077	DAY		Fogger - Mist For Emergency Clean-up	43.94	
02 90 55 00-0078	WK		Fogger - Mist For Emergency Clean-up	120.83	
02 90 55 00-0079	MO		Fogger - Mist For Emergency Clean-up	329.53	
02 90 55 00-0080	DAY		Fogger - Electric Thermal For Emergency Clean-up	63.27	
02 90 55 00-0081	WK		Fogger - Electric Thermal For Emergency Clean-up	173.99	
02 90 55 00-0082	MO		Fogger - Electric Thermal For Emergency Clean-up	474.52	
02 90 55 00-0083	DAY		Fogger - Gas Power Thermal For Emergency Clean-up	183.87	
02 90 55 00-0084	WK		Fogger - Gas Power Thermal For Emergency Clean-up	505.64	
02 90 55 00-0085	MO		Fogger - Gas Power Thermal For Emergency Clean-up	1,379.01	
02 90 55 00-0086	EA		Gang Box, Demo/Framing (One Time Per Job) For Emergency Clean-up	209.22	
02 90 55 00-0087	WK		Gang Box, Demo/Framing (One Time Per Job) For Emergency Clean-up	575.37	
02 90 55 00-0088	MO		Gang Box, Demo/Framing (One Time Per Job) For Emergency Clean-up	1,569.19	
02 90 55 00-0089	DAY		Hand Trucks/Dollies For Emergency Clean-up	23.92	
02 90 55 00-0090	WK		Hand Trucks/Dollies For Emergency Clean-up	65.78	
02 90 55 00-0091	MO		Hand Trucks/Dollies For Emergency Clean-up	179.41	
02 90 55 00-0092	DAY		Heat Gun - Shrink Wrap For Emergency Clean-up	135.04	
02 90 55 00-0093	WK		Heat Gun - Shrinkwrap For Emergency Clean-up	371.35	
02 90 55 00-0094	MO		Heat Gun - Shrinkwrap For Emergency Clean-up	1,012.78	
02 90 55 00-0095	DAY		High Efficiency Particulate Air (HEPA) Negative Air Machine For Emergency Clean-up Note: Includes all filters.	1,842.12	
02 90 55 00-0096	DAY		Ladder For Emergency Clean-up	33.89	
02 90 55 00-0097	DAY		Lights - Demo, Drop, Stand, String For Emergency Clean-up	31.63	
02 90 55 00-0098	DAY		Lights - Wobble For Emergency Clean-up	38.66	
02 90 55 00-0099	DAY		Moisture Meter For Emergency Clean-up	52.72	
02 90 55 00-0100	WK		Moisture Meter For Emergency Clean-up	144.99	
02 90 55 00-0101	MO		Moisture Meter For Emergency Clean-up	395.44	
02 90 55 00-0102	DAY		Nail Gun For Emergency Clean-up	89.70	
02 90 55 00-0103	WK		Nail Gun For Emergency Clean-up	246.68	
02 90 55 00-0104	MO		Nail Gun For Emergency Clean-up	672.77	
02 90 55 00-0105	DAY		Ozone Generator For Emergency Clean-up	219.69	
02 90 55 00-0106	DAY		PPE (Personal Protective Equipment) Mold Remediation Related For Emergency Clean-up	119.60	
02 90 55 00-0107	DAY		Portable Generator, Up To 7,500 Watt For Emergency Clean-up	175.75	
02 90 55 00-0108	DAY		Pressure Washer, Hot For Emergency Clean-up	263.62	
02 90 55 00-0109	DAY		Pressure Washer, Cold For Emergency Clean-up	175.75	
02 90 55 00-0110	DAY		Scaffolding - Per Section For Emergency Clean-up	129.57	
02 90 55 00-0111	DAY		Small Tools - Tool Box For Emergency Clean-up	49.84	
02 90 55 00-0112	DAY		Soda Blasting Equipment For Emergency Clean-up	1,739.28	
02 90 55 00-0113	DAY		Sprayer - Hudson For Emergency Clean-up	15.95	
02 90 55 00-0114	WK		Sprayer - Hudson For Emergency Clean-up	43.85	
02 90 55 00-0115	MO		Sprayer - Hudson For Emergency Clean-up	119.60	
02 90 55 00-0116	DAY		0.47 GPM, Airless Paint Sprayer For Emergency Clean-up	146.74	
02 90 55 00-0117	WK		0.47 GPM, Airless Paint Sprayer For Emergency Clean-up	316.95	
02 90 55 00-0118	MO		0.47 GPM, Airless Paint Sprayer For Emergency Clean-up	1,084.85	
02 90 55 00-0119	DAY		0.60 GPM, Airless Paint Sprayer For Emergency Clean-up	212.42	
02 90 55 00-0120	WK		0.60 GPM, Airless Paint Sprayer For Emergency Clean-up	500.70	
02 90 55 00-0121	MO		0.60 GPM, Airless Paint Sprayer For Emergency Clean-up	1,395.90	
02 90 55 00-0122	DAY		0.80 GPM, Airless Paint Sprayer For Emergency Clean-up	227.59	
02 90 55 00-0123	WK		0.80 GPM, Airless Paint Sprayer For Emergency Clean-up	568.98	
02 90 55 00-0124	MO		0.80 GPM, Airless Paint Sprayer For Emergency Clean-up	1,532.45	
02 90 55 00-0125	DAY		Storage Space (Per SF Per Day) For Emergency Clean-up	4.38	
02 90 55 00-0126	DAY		Submersible Pump For Emergency Clean-up	43.94	
02 90 55 00-0127	DAY		Trash Pump - 2" Gas Powered For Emergency Clean-up	250.27	
02 90 55 00-0128	DAY		Vehicle, Pick-up, SUV, Car For Emergency Clean-up	124.23	
02 90 55 00-0129	DAY		Vehicle, Van For Emergency Clean-up	202.56	
02 90 55 00-0130	DAY		16' Or 24' Box Truck Vehicle For Emergency Clean-up Note: Includes Mileage	255.37	
02 90 55 00-0131	DAY		Trailer - Refrigerated 40' Storage For Emergency Clean-up	269.17	
02 90 55 00-0132	DAY		Utility Trailer For Emergency Clean-up Note: Includes Mileage	224.16	
02 90 55 00-0133	DAY		Truck Mount, Per Wand Extraction For Emergency Clean-up	1,010.98	
02 90 55 00-0134	DAY		High Efficiency Particulate Air (HEPA) Backpack Vacuum For Emergency Clean-up	43.94	
02 90 55 00-0135	WK		High Efficiency Particulate Air (HEPA) Backpack Vacuum For Emergency Clean-up	120.83	
02 90 55 00-0136	MO		High Efficiency Particulate Air (HEPA) Backpack Vacuum For Emergency Clean-up	329.53	
02 90 55 00-0137	DAY		12 Gallon, Industrial High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	149.39	
02 90 55 00-0138	WK		12 Gallon, Industrial High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	410.81	
02 90 55 00-0139	MO		12 Gallon, Industrial High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	1,120.40	
02 90 55 00-0140	DAY		Vacuum - Upright For Emergency Clean-up	29.71	
02 90 55 00-0141	WK		Vacuum - Upright For Emergency Clean-up	81.70	

02 Existing Conditions**02 90 Disaster Recovery****02 90 55 Emergency Clean-up**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 90 55 00-0142	MO	Vacuum - Upright For Emergency Clean-up	222.81	
02 90 55 00-0143	DAY	12 To 23 Gallon, Wet/Dry Shop Vacuum For Emergency Clean-up	61.80	
02 90 55 00-0144	WK	12 To 23 Gallon, Wet/Dry Shop Vacuum For Emergency Clean-up	153.49	
02 90 55 00-0145	MO	12 To 23 Gallon, Wet/Dry Shop Vacuum For Emergency Clean-up	368.78	
02 90 55 00-0146	DAY	55 Gallon Wet/Dry Drum Top Vacuum For Emergency Clean-up	61.80	
02 90 55 00-0147	WK	55 Gallon Wet/Dry Drum Top Vacuum For Emergency Clean-up	153.49	
02 90 55 00-0148	MO	55 Gallon Wet/Dry Drum Top Vacuum For Emergency Clean-up	388.71	
02 90 55 00-0149	DAY	17 Gallon Wet Vacuum With Pump Discharge For Emergency Clean-up	141.53	
02 90 55 00-0150	WK	17 Gallon Wet Vacuum With Pump Discharge For Emergency Clean-up	378.75	
02 90 55 00-0151	MO	17 Gallon Wet Vacuum With Pump Discharge For Emergency Clean-up	1,056.50	
02 90 55 00-0152	DAY	Zip Wall Poles (Per 2 Poles) For Emergency Clean-up	43.94	
02 90 55 00-0153	WK	Zip Wall Poles (Per 2 Poles) For Emergency Clean-up	120.83	
02 90 55 00-0154	MO	Zip Wall Poles (Per 2 Poles) For Emergency Clean-up	329.53	
02 90 55 00-0155	DAY	10' x 10' Canopy For Emergency Clean-up	125.58	
02 90 55 00-0156	WK	10' x 10' Canopy For Emergency Clean-up	251.17	
02 90 55 00-0157	MO	10' x 10' Canopy For Emergency Clean-up	502.34	
02 90 55 00-0158	DAY	10' x 20' Canopy For Emergency Clean-up	251.17	
02 90 55 00-0159	WK	10' x 20' Canopy For Emergency Clean-up	502.34	
02 90 55 00-0160	MO	10' x 20' Canopy For Emergency Clean-up	1,004.67	
02 90 55 00-0161	DAY	16' x 16' Canopy For Emergency Clean-up	314.96	
02 90 55 00-0162	WK	16' x 16' Canopy For Emergency Clean-up	629.91	
02 90 55 00-0163	MO	16' x 16' Canopy For Emergency Clean-up	1,259.83	
02 90 55 00-0164	DAY	20' x 20' Canopy For Emergency Clean-up	418.61	
02 90 55 00-0165	WK	20' x 20' Canopy For Emergency Clean-up	837.23	
02 90 55 00-0166	MO	20' x 20' Canopy For Emergency Clean-up	1,674.46	
02 90 55 00-0167	DAY	20' x 30' Canopy For Emergency Clean-up	478.42	
02 90 55 00-0168	WK	20' x 30' Canopy For Emergency Clean-up	956.83	
02 90 55 00-0169	MO	20' x 30' Canopy For Emergency Clean-up	1,913.66	
02 90 55 00-0170	DAY	20' x 40' Canopy For Emergency Clean-up	558.15	
02 90 55 00-0171	WK	20' x 40' Canopy For Emergency Clean-up	1,116.30	
02 90 55 00-0172	MO	20' x 40' Canopy For Emergency Clean-up	2,232.61	
02 90 55 00-0173	DAY	First Aid Station For Emergency Clean-up	301.40	
02 90 55 00-0174	WK	First Aid Station For Emergency Clean-up	628.86	
02 90 55 00-0175	MO	First Aid Station For Emergency Clean-up	2,260.52	
02 90 55 00-0176	DAY	Portable Eyewash Station For Emergency Clean-up	91.54	
02 90 55 00-0177	WK	Portable Eyewash Station For Emergency Clean-up	251.73	
02 90 55 00-0178	MO	Portable Eyewash Station For Emergency Clean-up	686.53	
02 90 55 00-0179	DAY	2 Way Radio For Emergency Clean-up	37.81	

02 90 55 00-0180 Technical/Electronics Restoration Equipment (02 90 55 00-0022)

02 90 55 00-0181	DAY	Computer - Diagnostic For Emergency Clean-up	49.84	
02 90 55 00-0182	WK	Computer - Diagnostic For Emergency Clean-up	137.05	
02 90 55 00-0183	MO	Computer - Diagnostic For Emergency Clean-up	373.76	
02 90 55 00-0184	DAY	Convection Oven - Large For Emergency Clean-up	785.92	
02 90 55 00-0185	WK	Convection Oven - Large For Emergency Clean-up	2,161.28	
02 90 55 00-0186	MO	Convection Oven - Large For Emergency Clean-up	5,894.39	
02 90 55 00-0187	DAY	Convection Oven - Small For Emergency Clean-up	179.41	
02 90 55 00-0188	WK	Convection Oven - Small For Emergency Clean-up	493.37	
02 90 55 00-0189	MO	Convection Oven - Small For Emergency Clean-up	1,345.54	
02 90 55 00-0190	DAY	Convection Oven - Vacuum For Emergency Clean-up	1,121.71	
02 90 55 00-0191	WK	Convection Oven - Vacuum For Emergency Clean-up	3,084.71	
02 90 55 00-0192	MO	Convection Oven - Vacuum For Emergency Clean-up	8,412.84	
02 90 55 00-0193	DAY	Decontamination Booth For Emergency Clean-up	927.26	
02 90 55 00-0194	WK	Decontamination Booth For Emergency Clean-up	2,549.96	
02 90 55 00-0195	MO	Decontamination Booth For Emergency Clean-up	6,954.43	
02 90 55 00-0196	DAY	DI Water System For Emergency Clean-up	72.02	
02 90 55 00-0197	WK	DI Water System For Emergency Clean-up	198.06	
02 90 55 00-0198	MO	DI Water System For Emergency Clean-up	540.15	
02 90 55 00-0199	DAY	ESD Bench Workstation For Emergency Clean-up	44.11	
02 90 55 00-0200	WK	ESD Bench Workstation For Emergency Clean-up	121.31	
02 90 55 00-0201	MO	ESD Bench Workstation For Emergency Clean-up	330.84	
02 90 55 00-0202	DAY	Heater/Enclosure Control System For Emergency Clean-up	29.90	
02 90 55 00-0203	WK	Heater/Enclosure Control System For Emergency Clean-up	82.23	
02 90 55 00-0204	MO	Heater/Enclosure Control System For Emergency Clean-up	224.26	
02 90 55 00-0205	DAY	Hi-Tech Mobile Cart/Workstation For Emergency Clean-up	113.43	
02 90 55 00-0206	WK	Hi-Tech Mobile Cart/Workstation For Emergency Clean-up	311.94	
02 90 55 00-0207	MO	Hi-Tech Mobile Cart/Workstation For Emergency Clean-up	850.74	
02 90 55 00-0208	DAY	Micro-Blaster/Dust Collector For Emergency Clean-up	448.52	
02 90 55 00-0209	WK	Micro-Blaster/Dust Collector For Emergency Clean-up	1,233.42	
02 90 55 00-0210	MO	Micro-Blaster/Dust Collector For Emergency Clean-up	3,363.86	
02 90 55 00-0211	DAY	Mobile Laboratory For Emergency Clean-up	1,245.88	
02 90 55 00-0212	WK	Mobile Laboratory For Emergency Clean-up	3,426.16	
02 90 55 00-0213	MO	Mobile Laboratory For Emergency Clean-up	9,344.06	
02 90 55 00-0214	DAY	Nitrogen Enclosure Cabinet For Emergency Clean-up	23.92	
02 90 55 00-0215	WK	Nitrogen Enclosure Cabinet For Emergency Clean-up	65.78	
02 90 55 00-0216	MO	Nitrogen Enclosure Cabinet For Emergency Clean-up	179.41	
02 90 55 00-0217	DAY	Odell Cleaning Station For Emergency Clean-up	697.69	
02 90 55 00-0218	WK	Odell Cleaning Station For Emergency Clean-up	1,918.65	
02 90 55 00-0219	MO	Odell Cleaning Station For Emergency Clean-up	5,232.68	
02 90 55 00-0220	DAY	Parts Washer For Emergency Clean-up	49.84	
02 90 55 00-0221	WK	Parts Washer For Emergency Clean-up	137.05	
02 90 55 00-0222	MO	Parts Washer For Emergency Clean-up	373.76	
02 90 55 00-0223	DAY	Ultrasonic Cleaning System For Emergency Clean-up	337.59	
02 90 55 00-0224	WK	Ultrasonic Cleaning System For Emergency Clean-up	928.38	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0225	MO		Ultrasonic Cleaning System For Emergency Clean-up.....	2,531.95	
02 90 55 00-0226	DAY		Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	149.39	
02 90 55 00-0227	WK		Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	410.81	
02 90 55 00-0228	MO		Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	1,120.40	
02 90 55 00-0229 Drying/Dehumidification Equipment (02 90 55 00-0022)					
02 90 55 00-0230	DAY		202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up	219.69	
			Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.		
02 90 55 00-0231	WK		202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up	604.14	
			Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.		
02 90 55 00-0232	MO		202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up	1,647.65	
			Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.		
02 90 55 00-0233	DAY		2,200 CFM Centrifugal Air Mover For Emergency Clean-up	55.45	
02 90 55 00-0234	WK		2,200 CFM Centrifugal Air Mover For Emergency Clean-up	152.49	
02 90 55 00-0235	MO		2,200 CFM Centrifugal Air Mover For Emergency Clean-up	415.89	
02 90 55 00-0236	DAY		3,000 CFM Axial Air Mover For Emergency Clean-up	92.42	
02 90 55 00-0237	WK		3,000 CFM Axial Air Mover For Emergency Clean-up	254.16	
02 90 55 00-0238	MO		3,000 CFM Axial Air Mover For Emergency Clean-up	693.16	
02 90 55 00-0239	DAY		Injectidry System For Emergency Clean-up	272.41	
02 90 55 00-0240	WK		Injectidry System For Emergency Clean-up	749.13	
02 90 55 00-0241	MO		Injectidry System For Emergency Clean-up	2,043.08	
02 90 55 00-0242	DAY		Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up.....	175.75	
02 90 55 00-0243	WK		Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	483.31	
02 90 55 00-0244	MO		Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	1,318.12	
02 90 55 00-0245	DAY		>100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	249.18	
02 90 55 00-0246	WK		>100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	685.23	
02 90 55 00-0247	MO		>100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	1,868.81	
02 90 55 00-0248	DAY		>175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	242.70	
02 90 55 00-0249	WK		>175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	667.43	
02 90 55 00-0250	MO		>175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	1,820.26	
02 90 55 00-0251	DAY		Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up	259.44	
02 90 55 00-0252	WK		Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up	713.46	
02 90 55 00-0253	MO		Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up	1,945.79	
02 90 55 00-0254	DAY		Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up	259.44	
02 90 55 00-0255	WK		Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up	713.46	
02 90 55 00-0256	MO		Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up	1,945.79	
02 90 55 00-0257	DAY		D-500 Desiccant Dehumidifier For Emergency Clean-up	292.92	
02 90 55 00-0258	WK		D-500 Desiccant Dehumidifier For Emergency Clean-up	805.52	
02 90 55 00-0259	MO		D-500 Desiccant Dehumidifier For Emergency Clean-up	2,196.86	
02 90 55 00-0260	DAY		D-750 Desiccant Dehumidifier For Emergency Clean-up	615.12	
02 90 55 00-0261	WK		D-750 Desiccant Dehumidifier For Emergency Clean-up	1,691.58	
02 90 55 00-0262	MO		D-750 Desiccant Dehumidifier For Emergency Clean-up	4,613.41	
02 90 55 00-0263	DAY		D-1000 Desiccant Dehumidifier For Emergency Clean-up	1,054.49	
02 90 55 00-0264	WK		D-1000 Desiccant Dehumidifier For Emergency Clean-up	2,899.86	
02 90 55 00-0265	MO		D-1000 Desiccant Dehumidifier For Emergency Clean-up	7,908.70	
02 90 55 00-0266	DAY		D-1500 Desiccant Dehumidifier For Emergency Clean-up	1,623.59	
02 90 55 00-0267	WK		D-1500 Desiccant Dehumidifier For Emergency Clean-up	4,464.86	
02 90 55 00-0268	MO		D-1500 Desiccant Dehumidifier For Emergency Clean-up	12,176.90	
02 90 55 00-0269	DAY		D-2000 Desiccant Dehumidifier For Emergency Clean-up	1,623.59	
02 90 55 00-0270	WK		D-2000 Desiccant Dehumidifier For Emergency Clean-up	4,464.86	
02 90 55 00-0271	MO		D-2000 Desiccant Dehumidifier For Emergency Clean-up	12,176.90	
02 90 55 00-0272	DAY		D-2250 Desiccant Dehumidifier For Emergency Clean-up	1,695.56	
02 90 55 00-0273	WK		D-2250 Desiccant Dehumidifier For Emergency Clean-up	4,662.79	
02 90 55 00-0274	MO		D-2250 Desiccant Dehumidifier For Emergency Clean-up	12,716.70	
02 90 55 00-0275	DAY		D-3000 Desiccant Dehumidifier For Emergency Clean-up	2,108.99	
02 90 55 00-0276	WK		D-3000 Desiccant Dehumidifier For Emergency Clean-up	5,799.72	
02 90 55 00-0277	MO		D-3000 Desiccant Dehumidifier For Emergency Clean-up	15,817.41	
02 90 55 00-0278	DAY		D-4500 Desiccant Dehumidifier For Emergency Clean-up	2,372.61	
02 90 55 00-0279	WK		D-4500 Desiccant Dehumidifier For Emergency Clean-up	6,524.68	
02 90 55 00-0280	MO		D-4500 Desiccant Dehumidifier For Emergency Clean-up	17,794.59	
02 90 55 00-0281	DAY		D-5000 Desiccant Dehumidifier For Emergency Clean-up	2,548.36	
02 90 55 00-0282	WK		D-5000 Desiccant Dehumidifier For Emergency Clean-up	7,007.99	
02 90 55 00-0283	MO		D-5000 Desiccant Dehumidifier For Emergency Clean-up	19,112.70	
02 90 55 00-0284	DAY		D-9000 Desiccant Dehumidifier For Emergency Clean-up	3,347.60	
02 90 55 00-0285	WK		D-9000 Desiccant Dehumidifier For Emergency Clean-up	9,205.90	
02 90 55 00-0286	MO		D-9000 Desiccant Dehumidifier For Emergency Clean-up	25,107.00	
02 90 55 00-0287	DAY		D-10500 Desiccant Dehumidifier For Emergency Clean-up	3,514.98	
02 90 55 00-0288	WK		D-10500 Desiccant Dehumidifier For Emergency Clean-up	9,666.20	
02 90 55 00-0289	MO		D-10500 Desiccant Dehumidifier For Emergency Clean-up	26,362.35	
02 90 55 00-0290	DAY		3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	614.42	
02 90 55 00-0291	WK		3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	1,689.66	
02 90 55 00-0292	MO		3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	4,608.15	
02 90 55 00-0293	DAY		5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	850.74	
02 90 55 00-0294	WK		5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	2,339.52	
02 90 55 00-0295	MO		5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	6,380.52	
02 90 55 00-0296	DAY		10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	1,054.49	
02 90 55 00-0297	WK		10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	2,899.86	
02 90 55 00-0298	MO		10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	7,908.70	
02 90 55 00-0299	DAY		25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	1,405.99	
02 90 55 00-0300	WK		25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	3,866.48	
02 90 55 00-0301	MO		25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	10,544.94	
02 90 55 00-0302	DAY		50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	2,372.61	
02 90 55 00-0303	WK		50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	6,524.68	
02 90 55 00-0304	MO		50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	17,794.59	

02 Existing Conditions**02 90 Disaster Recovery****02 90 55 Emergency Clean-up**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 90 55 00-0305	DAY	80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	2,636.24
02 90 55 00-0306	WK	80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	7,249.65
02 90 55 00-0307	MO	80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	19,771.76
02 90 55 00-0308	DAY	25' Flex Duct For Emergency Clean-up.....	35.15
02 90 55 00-0309	WK	25' Flex Duct For Emergency Clean-up.....	96.66
02 90 55 00-0310	MO	25' Flex Duct For Emergency Clean-up.....	263.62
02 90 55 00-0311	DAY	Hygrothermograph For Emergency Clean-up.....	49.84
02 90 55 00-0312	WK	Hygrothermograph For Emergency Clean-up.....	137.05
02 90 55 00-0313	MO	Hygrothermograph For Emergency Clean-up.....	373.76
02 90 55 00-0314	DAY	Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up..... Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.	8,938.06
02 90 55 00-0315	WK	Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up..... Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.	24,579.66
02 90 55 00-0316	MO	Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up..... Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.	67,035.45

02 90 55 00-0317 Power Equipment (02 90 55 00-0022)

02 90 55 00-0318	WK	Up to 65 KVA Generator For Emergency Clean-up.....	1,170.32
02 90 55 00-0319	WK	>65 to 125 KVA Generator For Emergency Clean-up.....	1,980.55
02 90 55 00-0320	WK	>125 to 250 KVA Generator For Emergency Clean-up.....	1,940.84
02 90 55 00-0321	WK	>250 to 375 KVA Generator For Emergency Clean-up.....	3,330.92
02 90 55 00-0322	WK	>375 Up to 440 KVA Generator For Emergency Clean-up.....	4,501.25
02 90 55 00-0323	WK	>440 to 625 KVA Generator For Emergency Clean-up.....	6,809.95
02 90 55 00-0324	WK	>625 to 800 KVA Generator For Emergency Clean-up.....	6,931.92
02 90 55 00-0325	WK	>800 to 1,000 KVA Generator For Emergency Clean-up.....	9,272.58
02 90 55 00-0326	WK	>1,000 to 1,500 KVA Generator For Emergency Clean-up.....	13,953.88
02 90 55 00-0327	EA	Generator Cable/Pigtails (Per Section) For Emergency Clean-up.....	30.25
02 90 55 00-0328	EA	Sub-Distribution Panel (Spider Box) For Emergency Clean-up.....	144.94
02 90 55 00-0329	EA	Electrical Distribution Panel For Emergency Clean-up.....	337.59
02 90 55 00-0330	EA	Quad Box Strings (25' Sections) For Emergency Clean-up.....	54.47
02 90 55 00-0331	EA	50' Power Cord For Spider Box For Emergency Clean-up.....	50.41
02 90 55 00-0332	EA	Pig Tails (Per Each) For Emergency Clean-up.....	4.98

02 90 55 00-0333 Freight Charges (02 90 55 00-0022)

02 90 55 00-0334	MI	Freight Up To 1 Ton Pick Up Truck For Emergency Clean-up Equipment.....	2.49
02 90 55 00-0335	MI	Freight >1 Ton Pick Up Truck For Emergency Clean-up Equipment.....	4.49
02 90 55 00-0336	MI	Freight 16' Or 24' Box Truck For Emergency Clean-up Equipment.....	4.49
02 90 55 00-0337	MI	Freight Tractor Trailer For Emergency Clean-up Equipment.....	6.48

02 90 55 00-0338 Emergency Clean-up Personal Protection Equipment (02 90 55 00-0001)

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.

02 90 55 00-0339	EA	Tyvek Coveralls For Emergency Clean-up Personal Protection Equipment.....	14.55
02 90 55 00-0340	EA	Tyvek Coveralls With Elastic Wrists And Ankles For Emergency Clean-up Personal Protection Equipment.....	17.22
02 90 55 00-0341	EA	Tyvek Coveralls With Hood, Elastic Wrists And Ankles For Emergency Clean-up Personal Protection Equipment.....	18.05
02 90 55 00-0342	EA	Tyvek Coveralls With Hood, Boots, Elastic Wrists And Ankles For Emergency Clean-up Personal Protection Equipment.....	22.76
02 90 55 00-0343	EA	Disposable Dual Cartridge Half-Mask Respirator For Emergency Clean-up Personal Protection Equipment.....	120.40
02 90 55 00-0344	EA	N95 Respirator For Emergency Clean-up Personal Protection Equipment.....	5.04
02 90 55 00-0345	EA	N95 Respirator With Valve For Emergency Clean-up Personal Protection Equipment.....	7.21
02 90 55 00-0346	PR	3M Respirator Cartridges For Emergency Clean-up Personal Protection Equipment.....	48.35
02 90 55 00-0347	EA	Respirator Cleaning Wipes, Per Box 100 For Emergency Clean-up Personal Protection Equipment.....	38.69
02 90 55 00-0348	PR	P100 Respirator Cartridges For Emergency Clean-up Personal Protection Equipment.....	48.35
02 90 55 00-0349	EA	Respirator Cartridge For Emergency Clean-up Personal Protection Equipment.....	50.82
02 90 55 00-0350	BOX	Dust Mask, Box of 50, For Emergency Clean-up Personal Protection Equipment.....	56.66
02 90 55 00-0351	PR	Cotton Canvas Gloves For Emergency Clean-up Personal Protection Equipment.....	4.05
02 90 55 00-0352	BOX	5 Mil, Disposable Latex Gloves, Box of 100, For Emergency Clean-up Personal Protection Equipment.....	26.36
02 90 55 00-0353	PR	4 Mil, Disposable Nitrile Gloves For Emergency Clean-up Personal Protection Equipment.....	0.54
02 90 55 00-0354	PR	5 Mil, Disposable Vinyl Gloves For Emergency Clean-up Personal Protection Equipment.....	0.46
02 90 55 00-0355	PR	17 Mil, Latex Gloves For Emergency Clean-up Personal Protection Equipment.....	2.15
02 90 55 00-0356	PR	15 Mil, Nitrile Gloves For Emergency Clean-up Personal Protection Equipment.....	5.12
02 90 55 00-0357	PR	Vinyl Coated Gloves With Knit Lining For Emergency Clean-up Personal Protection Equipment.....	7.02
02 90 55 00-0358	PR	30 Mil, Polyvinyl Chloride (PVC) And Polyvinyl Chloride (PVC) Blend Gloves For Emergency Clean-up Personal Protection Equipment.....	7.86
02 90 55 00-0359	PR	Leather Gloves For Emergency Clean-up Personal Protection Equipment.....	13.19
02 90 55 00-0360	EA	Heavy Duty, Rubber Gloves For Emergency Clean-up Personal Protection Equipment.....	22.51
02 90 55 00-0361	PR	Polycarbonate Lens Safety Goggles For Emergency Clean-up Personal Protection Equipment.....	14.75
02 90 55 00-0362	PR	Chemical Splash/Impact Resistant, Polycarbonate Lens Safety Goggles For Emergency Clean-up Personal Protection Equipment.....	24.32
02 90 55 00-0363	PR	Plastic Safety Glasses For Emergency Clean-up Personal Protection Equipment.....	6.46
02 90 55 00-0364	EA	Safety Harness (Per Person/Day) For Emergency Clean-up Personal Protection Equipment.....	8.79

02 90 55 00-0365 Emergency Clean-up Expendables (02 90 55 00-0001)

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.

02 90 55 00-0366 General Materials (02 90 55 00-0365)

02 90 55 00-0367	GAL	Adhesive Remover For Emergency Clean-up.....	105.45
02 90 55 00-0368	GAL	Bioside-HS Cleaning Solution For Emergency Clean-up.....	33.98

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0369	GAL		Biocide Mold Cleaning Solution For Emergency Clean-up	43.36	
02 90 55 00-0370	EA		10" x 12" x 15" Cardboard Storage Box For Emergency Clean-up	5.56	
02 90 55 00-0371	EA		10" x 12" x 24" Cardboard Storage Box For Emergency Clean-up	8.44	
02 90 55 00-0372	EA		10" x 15" x 24" Cardboard Storage Box For Emergency Clean-up	8.44	
02 90 55 00-0373	GAL		Bleach For Emergency Clean-up	11.34	
02 90 55 00-0374	EA		Small Stainless Brush For Emergency Clean-up	7.20	
02 90 55 00-0375	EA		2-1/2 Gallon Buckets For Emergency Clean-up	8.42	
02 90 55 00-0376	EA		5 Gallon Bucket For Emergency Clean-up	12.76	
02 90 55 00-0377	GAL		Carpet Defoamer For Emergency Clean-up	32.82	
02 90 55 00-0378	GAL		Carpet Pre-treat For Emergency Clean-up	26.65	
02 90 55 00-0379	GAL		Carpet Spotter For Emergency Clean-up	44.65	
02 90 55 00-0380	GAL		Carpet/Upholstery Cleaner For Emergency Clean-up	36.01	
02 90 55 00-0381	ROL		Carpet Masking/Shield For Emergency Clean-up	104.13	
02 90 55 00-0382	EA		Chemical Sponge For Emergency Clean-up	4.15	
02 90 55 00-0383	GAL		Clear Seal For Emergency Clean-up	141.78	
02 90 55 00-0384	GAL		Coil Cleaner For Emergency Clean-up	71.69	
02 90 55 00-0385	EA		Decontamination Chamber For Emergency Clean-up	310.05	
02 90 55 00-0386	GAL		All Purpose Degreaser For Emergency Clean-up	46.40	
02 90 55 00-0387	GAL		De-Foamer Liquid For Emergency Clean-up	60.98	
02 90 55 00-0388	EA		Deodorization Membrane For Emergency Clean-up	114.28	
02 90 55 00-0389	GAL		9-D-9 Smoke Deodorizer For Emergency Clean-up	182.28	
02 90 55 00-0390	LB		Deodorizing Gel For Emergency Clean-up	42.82	
02 90 55 00-0391	GAL		Deodorizing Liquid For Emergency Clean-up	60.60	
02 90 55 00-0392	PAIL		Deodorizing Block For Emergency Clean-up	10.77	
02 90 55 00-0393	GAL		Disinfectant/Antimicrobial For Emergency Clean-up	111.11	
02 90 55 00-0394	GAL		BruClean Disinfectant For Emergency Clean-up	36.30	
02 90 55 00-0395	GAL		Dryclean For Emergency Clean-up	47.62	
02 90 55 00-0396	GAL		Duct Sealant Spray For Emergency Clean-up	71.76	
02 90 55 00-0397	GAL		Antifungal Duct Sealant For Emergency Clean-up	103.66	
02 90 55 00-0398	GAL		Microbial Encapsulant (Fosters 20 - 40) For Emergency Clean-up	164.38	
02 90 55 00-0399	PR		Ear Plugs For Emergency Clean-up Personal Protection Equipment	0.64	
02 90 55 00-0400	GAL		Encapsulant For Emergency Clean-up	118.11	
02 90 55 00-0401	GAL		Aftershock Fiberlocke For Emergency Clean-up	103.71	
02 90 55 00-0402	GAL		IAQ 2500 Fiberlocke For Emergency Clean-up	123.08	
02 90 55 00-0403	GAL		IAS 6000 Fiberlocke For Emergency Clean-up	126.59	
02 90 55 00-0404	ROL		Filter Material For Emergency Clean-up	278.07	
02 90 55 00-0405	EA		Blue Paper Collection Bag Filter For Emergency Clean-up	7.49	
02 90 55 00-0406	EA		CVAC Filter For High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	594.74	
02 90 55 00-0407	EA		Pre-Filter For Negative Air Machine For Emergency Clean-up	2.85	
02 90 55 00-0408	EA		Pleated Filter For Negative Air Machine For Emergency Clean-up	12.70	
02 90 55 00-0409	EA		Charcoal Filter For Negative Air Machine For Emergency Clean-up	45.23	
02 90 55 00-0410	EA		High Efficiency Particulate Air (HEPA) Filter For Negative Air Machine For Emergency Clean-up	430.16	
02 90 55 00-0411	EA		Pleated Dehumidifier Filter For Emergency Clean-up	11.35	
02 90 55 00-0412	GAL		Floor Stripper For Emergency Clean-up	22.33	
02 90 55 00-0413	GAL		Floor Wax For Emergency Clean-up	31.89	
02 90 55 00-0414	GAL		Fogger (Thermal) For Emergency Clean-up	193.33	
02 90 55 00-0415	BOX		Furniture Blocks For Emergency Clean-up	155.72	
02 90 55 00-0416	EA		Furniture Polish, Per 10 Oz Can For Emergency Clean-up	20.98	
02 90 55 00-0417	GAL		Glass Cleaner For Emergency Clean-up	13.99	
02 90 55 00-0418	EA		Goof Off Spray, 12 Oz For Emergency Clean-up	18.00	
02 90 55 00-0419	EA		Halogen Light Bulbs For Emergency Clean-up	22.77	
02 90 55 00-0420	QT		Hand Sanitizer For Emergency Clean-up	11.26	
02 90 55 00-0421	EA		Hard Hats For Emergency Clean-up Personal Protection Equipment	9.27	
02 90 55 00-0422	BOX		Hog Rings, Box Of 2,500 For Emergency Clean-up	21.94	
02 90 55 00-0423	GAL		HVAC Coal Cleaner For Emergency Clean-up	68.78	
02 90 55 00-0424	BOX		Inventory Tag, Box Of 1,000 For Emergency Clean-up	154.31	
02 90 55 00-0425	EA		Utility Knives For Emergency Clean-up	17.54	
02 90 55 00-0426	ROL		13" Lay Flat Tubing (250' Roll) For Emergency Clean-up	132.37	
02 90 55 00-0427	ROL		20" Lay Flat Tubing (250' Roll) For Emergency Clean-up	139.75	
02 90 55 00-0428	ROL		29" Lay Flat Tubing (250' Roll) For Emergency Clean-up	278.24	
02 90 55 00-0429	ROL		39" Lay Flat Tubing (250' Roll) For Emergency Clean-up	402.17	
02 90 55 00-0430	GAL		Lemon Oil For Emergency Clean-up	56.24	
02 90 55 00-0431	GAL		LPS 1/Mecca Lube For Emergency Clean-up	57.95	
02 90 55 00-0432	GAL		LPS 2 For Emergency Clean-up	61.33	
02 90 55 00-0433	GAL		LPS Contact Cleaner For Emergency Clean-up	61.05	
02 90 55 00-0434	GAL		Light Lubricant Preserve For Emergency Clean-up	161.08	
02 90 55 00-0435	GAL		Heavy Lubricant Preserver For Emergency Clean-up	31.89	
02 90 55 00-0436	GAL		Machinery Cleaning Solvent For Emergency Clean-up	269.25	
02 90 55 00-0437	GAL		Metal Polishing Paste For Emergency Clean-up	29.82	
02 90 55 00-0438	GAL		MediClean® Disinfectant For Emergency Clean-up	64.46	
02 90 55 00-0439	GAL		Dri-Eaz Milgo Plus Sanitizer For Emergency Clean-up	79.11	
02 90 55 00-0440	EA		Mop Heads For Emergency Clean-up	9.99	
02 90 55 00-0441	EA		Nylon Scouring Pads For Emergency Clean-up	1.75	
02 90 55 00-0442	GAL		Odor Neutralizer For Emergency Clean-up	44.65	
02 90 55 00-0443	EA		Packing Paper, 25 LB Bundle For Emergency Clean-up	80.24	
02 90 55 00-0444	EA		Paint Brushes For Emergency Clean-up	7.97	
02 90 55 00-0445	ROL		Corrugated/Craft Paper, 48" x 250' For Emergency Clean-up	187.14	
02 90 55 00-0446	EA		Putty Knives For Emergency Clean-up	7.22	
02 90 55 00-0447	ROL		Red Resin Paper, 200' Roll For Emergency Clean-up	40.84	
02 90 55 00-0448	GAL		Reodorant For Emergency Clean-up	135.55	
02 90 55 00-0449	GAL		Restoracide For Emergency Clean-up	63.58	
02 90 55 00-0450	GAL		Rust Remover For Emergency Clean-up	98.42	
02 90 55 00-0451	EA		Saltesmo Test Samples For Emergency Clean-up	9.15	
02 90 55 00-0452	EA		Sand Bag For Emergency Clean-up	2.40	
			Note: Excludes sand material		
02 90 55 00-0453	EA		Scotch-Brite 7447, Per Box 50 For Emergency Clean-up	32.14	

02 Existing Conditions**02 90 Disaster Recovery****02 90 55 Emergency Clean-up**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 90 55 00-0454	EA	Small Scrub Brushes For Emergency Clean-up	16.56	
02 90 55 00-0455	GAL	Clear Soot Sealant For Emergency Clean-up	114.14	
02 90 55 00-0456	GAL	Pigmented Soot Sealant For Emergency Clean-up	307.82	
02 90 55 00-0457	ROL	Shrinkwrap Plastic For Emergency Clean-up	70.86	
02 90 55 00-0458	EA	Dry Sponges For Emergency Clean-up	5.76	
02 90 55 00-0459	EA	Spray Adhesive, Per Can For Emergency Clean-up.....	7.39	
02 90 55 00-0460	EA	Spray Bot./Trigger For Emergency Clean-up.....	6.16	
02 90 55 00-0461	GAL	Stain Remover For Emergency Clean-up	40.33	
02 90 55 00-0462	GAL	Stainless Steel Cleaner For Emergency Clean-up.....	13.93	
02 90 55 00-0463	EA	Stainless Steel Polish, Per Can For Emergency Clean-up	18.28	
02 90 55 00-0464	LB	Sweeping Compound For Emergency Clean-up.....	0.66	
02 90 55 00-0465	ROL	Duct Tape, 2" x 50 YD For Emergency Clean-up	14.46	
02 90 55 00-0466	ROL	Environmental (Teal) Tape, 3/4" x 1,440' For Emergency Clean-up.....	13.60	
02 90 55 00-0467	ROL	HVAC (Aluminum) Tape, 2" x 75' For Emergency Clean-up.....	35.08	
02 90 55 00-0468	ROL	Blue Masking (Painters) Tape, 1-1/2" x 198' For Emergency Clean-up.....	19.36	
02 90 55 00-0469	ROL	Poly Box Tape, 2" x 110 YD For Emergency Clean-up	5.97	
02 90 55 00-0470	LB	Terry Towels For Emergency Clean-up	8.21	
02 90 55 00-0471	GAL	Thermal Fog For Emergency Clean-up.....	90.75	
02 90 55 00-0472	ROL	1.7 Mil, 55 Gallon Trash Bags, 50/Roll For Emergency Clean-up.....	44.99	
02 90 55 00-0473	ROL	3 Mil, 55 Gallon Trash Bags, 50/Roll For Emergency Clean-up.....	105.65	
02 90 55 00-0474	ROL	4 Mil, 55 Gallon Trash Bags, 50/Roll For Emergency Clean-up.....	135.55	
02 90 55 00-0475	ROL	6 Mil, 55 Gallon Trash Bags, 50/Roll For Emergency Clean-up.....	179.43	
02 90 55 00-0476	EA	Trisodium Phosphate, 20 LB Pail For Emergency Clean-up.....	58.19	
02 90 55 00-0477	EA	Backpack Vacuum Bags For Emergency Clean-up	1.96	
02 90 55 00-0478	EA	Upright Vacuum Bags For Emergency Clean-up	2.62	
02 90 55 00-0479	GAL	Vinyl And Leather Cleaner For Emergency Clean-up	36.01	
02 90 55 00-0480	ROL	1 Mil Visqueen, 12' x 400', For Emergency Clean-up	58.29	
02 90 55 00-0481	ROL	4 Mil Visqueen, 32' x 100', For Emergency Clean-up	158.27	
02 90 55 00-0482	ROL	6 Mil Visqueen, 32' x 400', For Emergency Clean-up	215.96	
02 90 55 00-0483	LB	Wipes, Cotton Cloth For Emergency Clean-up.....	6.12	
02 90 55 00-0484	ROL	12" x 750', Wrap, Bubble/Anti-Static For Emergency Clean-up	177.76	
02 90 55 00-0485	EA	Wyp-Alls, Case Of 160 Wipes For Emergency Clean-up.....	18.00	
02 90 55 00-0486	EA	Zip Wall Zippers For Emergency Clean-up.....	26.98	
02 90 55 00-0487	EA	Absorbent Matt Roll For Oil And Other Liquids - 15" Wide x 50' Roll.....	32.85	
		Note: 3.3 gallon volume absorption capacity per roll		
02 90 55 00-0488	EA	Oil Only Sorbent Pads - 15" x 19", Light, Package Of 100.....	49.27	
		Note: 26 OZ volume absorption capacity per pad		
02 90 55 00-0489	EA	Oil Only Sorbent Pads - 15" x 19", Medium, Package Of 100.....	51.92	
		Note: 33 OZ volume absorption capacity per pad		
02 90 55 00-0490	EA	Oil Only Sorbent Pads - 15" x 19", Heavy, Package Of 100.....	84.76	
		Note: 45 OZ volume absorption capacity per pad		

02 90 55 00-0491 Technical/Electronics Restoration Materials (02 90 55 00-0365)

02 90 55 00-0492	EA	Brush - Brass For Emergency Clean-up	5.98	
02 90 55 00-0493	EA	1" Brush, Natural Bristle For Emergency Clean-up.....	1.91	
02 90 55 00-0494	EA	1/2" Brush, Natural Bristle For Emergency Clean-up.....	1.59	
02 90 55 00-0495	EA	1/4" Brush, Natural Bristle For Emergency Clean-up.....	1.36	
02 90 55 00-0496	EA	Brush - Parts For Emergency Clean-up.....	8.29	
02 90 55 00-0497	EA	Brush - Plastic For Emergency Clean-up.....	4.31	
02 90 55 00-0498	EA	Brush - Wire Grout For Emergency Clean-up	9.45	
02 90 55 00-0499	EA	Brushing Tool For Emergency Clean-up.....	18.23	
02 90 55 00-0500	EA	Cleaning Swabs, Cotton For Emergency Clean-up	0.40	
02 90 55 00-0501	EA	Cleaning Swabs, Foam Tip For Emergency Clean-up.....	0.48	
02 90 55 00-0502	EA	Contact Restorer, Per Can For Emergency Clean-up.....	36.26	
02 90 55 00-0503	EA	Contact Spray, Per Can For Emergency Clean-up	24.67	
02 90 55 00-0504	UNT	Corrosion Inhibitor Emitter - 1 CF For Emergency Clean-up	3.83	
02 90 55 00-0505	UNT	Corrosion Inhibitor Emitter - 5 CF For Emergency Clean-up	10.96	
02 90 55 00-0506	UNT	Corrosion Inhibitor Emitter - 10 CF For Emergency Clean-up	14.20	
02 90 55 00-0507	LB	Cotton Cleaning Cloths For Emergency Clean-up.....	22.43	
02 90 55 00-0508	EA	12" x 17" Dust Cloths For Emergency Clean-up.....	0.35	
02 90 55 00-0509	EA	24" x 24" Dust Cloths For Emergency Clean-up.....	0.98	
02 90 55 00-0510	EA	Deoxidizing Agent, Per Can For Emergency Clean-up.....	17.57	
02 90 55 00-0511	GAL	Electronic Grade Detergent For Emergency Clean-up	40.51	
02 90 55 00-0512	SHT	Inventory Labels For Emergency Clean-up.....	0.22	
02 90 55 00-0513	GAL	Isopropyl Alcohol For Emergency Clean-up.....	107.35	
02 90 55 00-0514	GAL	Lubrication/Penetrating Oil, Per Can For Emergency Clean-up.....	163.19	
02 90 55 00-0515	GAL	PC Board Detergent For Emergency Clean-up.....	102.41	
02 90 55 00-0516	GAL	Rust Inhibitor, Regular Duty For Emergency Clean-up.....	173.99	
02 90 55 00-0517	GAL	Rust Inhibitor, Moderate Duty For Emergency Clean-up	175.30	
02 90 55 00-0518	GAL	Rust Inhibitor, Severe Duty For Emergency Clean-up	187.37	
02 90 55 00-0519	LB	Wipes, Lint Free Cloths For Emergency Clean-up.....	7.11	
02 90 55 00-0520	EA	Wire Marker Card For Emergency Clean-up.....	2.79	
02 90 55 00-0521	EA	Steel Wool, 16 Pad Sleeve For Emergency Clean-up	1.53	

END OF SECTION 02

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 Concrete

03 01 Maintenance of Concrete ⁽⁰³⁾

03 01 30 Maintenance of Cast-In-Place Concrete ^(03 01)

03 01 30 51 Cleaning of Cast-In-Place Concrete ^(03 01 30)

03 01 30 51-0001	Abrasive Blasting ^(03 01 30 51) Note: Includes containment and clean-up of all material. Includes steel ball media.	
03 01 30 51-0002	SF Concrete Floors, Abrasive Shot (Bead) Blasting.....	3.67
	<i>For Up To 100, Add</i>	2.96
	<i>For >100 To 250, Add</i>	0.74
	<i>For >250 To 500, Add</i>	0.37
	<i>For >5,000 To 10,000, Deduct</i>	-0.07
	<i>For >10,000, Deduct</i>	-0.15
03 01 30 51-0003	SF Concrete Walls, Abrasive Shot (Bead) Blasting.....	5.15
	<i>For Up To 100, Add</i>	5.92
	<i>For >100 To 250, Add</i>	1.48
	<i>For >250 To 500, Add</i>	0.74
	<i>For >5,000 To 10,000, Deduct</i>	-0.15
	<i>For >10,000, Deduct</i>	-0.30

03 01 30 71 Rehabilitation of Cast-In-Place Concrete ^(03 01 30)

03 01 30 71-0001	Concrete Resurfacing/Repair ^(03 01 30 71) See CSI section 09 01 90 52-0002 for surface preparation as required.	
03 01 30 71-0002	Concrete Repair ^(03 01 30 71-0001)	
03 01 30 71-0003	Decks Or Floors ^(03 01 30 71-0002) Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.	
03 01 30 71-0004	SF Patch Decks Or Floors With 1/8" To 1/4" Thick Cementitious Mortar.....	6.53
03 01 30 71-0005	SF Patch Decks Or Floors With 1/8" To 1/4" Thick Epoxy Cementitious Mortar.....	21.82
03 01 30 71-0006	SF Patch Decks Or Floors With White Aluminum Oxide Grit (Non Slip Aggregate).....	0.60
03 01 30 71-0007	Verticals Or Overheads ^(03 01 30 71-0002) Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.	
03 01 30 71-0008	SF Patch Verticals Or Overheads With 1/8" To 1/4" Thick Cementitious Mortar.....	9.71
03 01 30 71-0009	SF Patch Verticals Or Overheads With 1/8" To 1/4" Thick Epoxy Cementitious Mortar.....	29.11
03 01 30 71-0010	SF Patch Verticals Or Overheads With 1/8" To 1/4" Thick Latex Cementitious Mortar.....	32.98
03 01 30 71-0011	SF Patch Verticals Or Overheads With 1/8" To 1/4" Thick Elastomeric Compound.....	8.55
03 01 30 71-0012	SF Patch Verticals Or Overheads With 1/8" To 1/4" Thick Copolymer Cementitious Compound.....	15.18
	Note: Rapid Set - WunderFixx	
03 01 30 71-0013	Bridge Deck Treatment ^(03 01 30 71-0002)	
03 01 30 71-0014	SF Sweep Bridge Deck.....	0.02
03 01 30 71-0015	SF Clean Bridge Deck.....	0.03
03 01 30 71-0016	SF Treat Bridge Deck With Methacrylate Resin Sealant.....	2.14
03 01 30 71-0017	Concrete Finishes ^(03 01 30 71-0001)	
03 01 30 71-0018	Concrete Patching ^(03 01 30 71-0017)	
03 01 30 71-0019	Walls ^(03 01 30 71-0018)	
03 01 30 71-0020	BAG Sika Top 111 Plus.....	166.59
	Note: SikaTop 111 PLUS is a two-component, polymer-modified, portland-cement, fast-setting, screed mortar. Yield: Approximately 0.5 cu. ft./unit. Approximately 0.75 cu. ft./unit (SikaTop 111 + 42 lbs. of 3/8" pea gravel).	
	<i>For Up To 10, Add</i>	61.48
	<i>For >10 To 25, Add</i>	36.89
	<i>For >25 To 50, Add</i>	24.59
	<i>For >50 To 75, Add</i>	12.30
03 01 30 71-0021	BAG Sika Grout 212, 50 LB Bag.....	114.21
	Note: SikaGrout 212 is a non-shrink, cementitious grout with a unique 2-stage shrinkage compensating mechanism. It is non-metallic and contains no chloride. Coverage: Approximately 0.44 cu. ft./bag at high flow.	
	<i>For Up To 10, Add</i>	38.92
	<i>For >10 To 25, Add</i>	23.35
	<i>For >25 To 50, Add</i>	15.57
	<i>For >50 To 75, Add</i>	7.78
03 01 30 71-0022	EA Sika Flex 1A, 10.3 Ounce Tube.....	38.21
	Note: Sikaflex-1a is a premium-grade, high-performance, moisture-cured, 1-component, polyurethane-based, non-sag elastomeric sealant. Coverage: 10.3 fl. oz. cartridge seals 12.4 lineal ft. of 1/2 x 1/4 in. joint. 20 fl. oz. uni-pac sausage seals 24 lineal ft. of 1/2 x 1/4 in. joint.	
03 01 30 71-0023	BAG Pea Gravel.....	29.16
03 01 30 71-0024	Crack Repair For Concrete ^(03 01 30 71-0001)	
03 01 30 71-0025	Non Structural Crack Repair For Concrete ^(03 01 30 71-0024)	

03 Concrete**03 01 Maintenance of Concrete****03 01 30 Maintenance of Cast-In-Place Concrete**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 01 30 71-0026	Surface Applied, Non Structural Crack Repair For Concrete <small>(03 01 30 71-0025)</small>		
	Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing sealer with caulk gun, cartridge gun, squeeze bottle, etc. Excludes backer rod and sanding.		
03 01 30 71-0027	LF Up To 1/4" Wide, Latex Emulsion, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal).....	5.95	
	<i>For V-Grooving Crack With Grinder, Add</i>	4.74	
03 01 30 71-0028	LF >1/4" To 1/2" Wide, Latex Emulsion, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal).....	7.79	
	<i>For V-Grooving Crack With Grinder, Add</i>	4.63	
03 01 30 71-0029	LF Up To 1/4" Wide, Sanded Acrylic Latex, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair).....	6.08	
	<i>For V-Grooving Crack With Grinder, Add</i>	4.74	
03 01 30 71-0030	LF >1/4" To 1/2" Wide, Sanded Acrylic Latex, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair).....	8.06	
	<i>For V-Grooving Crack With Grinder, Add</i>	4.63	
03 01 30 71-0031	LF Up To 1/4" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant).....	6.57	
	<i>For V-Grooving Crack With Grinder, Add</i>	4.74	
03 01 30 71-0032	LF >1/4" To 1/2" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant).....	9.04	
	<i>For V-Grooving Crack With Grinder, Add</i>	4.63	
03 01 30 71-0033	LF Up To 1/4" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix).....	6.92	
	<i>For V-Grooving Crack With Grinder, Add</i>	4.74	
03 01 30 71-0034	LF >1/4" To 1/2" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix).....	9.75	
	<i>For V-Grooving Crack With Grinder, Add</i>	4.63	
03 01 30 71-0035	Pressure Injected, Non Structural Crack Repair For Concrete <small>(03 01 30 71-0025)</small>		
	Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with polyurethane and restoring the sealed surface to flush conditions. Excludes disposal.		
03 01 30 71-0036	LF Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (SealBoss 1570).....	28.00	
	<i>For Cracks Accessible From Both Sides, Add</i>	5.71	
03 01 30 71-0037	Structural Crack Repair For Concrete <small>(03 01 30 71-0024)</small>		
03 01 30 71-0038	Surface Applied, Structural Crack Repair For Concrete <small>(03 01 30 71-0037)</small>		
	Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Excludes disposal.		
03 01 30 71-0039	LF Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35).....	7.01	
	<i>For V-Grooving Crack With Grinder, Add</i>	4.74	
03 01 30 71-0040	LF >1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35).....	9.93	
	<i>For V-Grooving Crack With Grinder, Add</i>	4.63	
03 01 30 71-0041	LF Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied Trowel (Sikadur® 52).....	6.82	
	<i>For V-Grooving Crack With Grinder, Add</i>	4.74	
03 01 30 71-0042	LF >1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 52).....	9.54	
	<i>For V-Grooving Crack With Grinder, Add</i>	4.63	
03 01 30 71-0043	LF Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix).....	8.41	
	<i>For V-Grooving Crack With Grinder, Add</i>	4.74	
03 01 30 71-0044	LF >1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix).....	12.73	
	<i>For V-Grooving Crack With Grinder, Add</i>	4.63	
03 01 30 71-0045	Pressure Injected, Structural Crack Repair For Concrete <small>(03 01 30 71-0037)</small>		
	Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with epoxy and restoring the sealed surface to flush conditions. Excludes disposal.		
03 01 30 71-0046	LF Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 35).....	24.19	
	<i>For Cracks Accessible From Both Sides, Add</i>	5.71	
03 01 30 71-0047	LF Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 52).....	23.99	
	<i>For Cracks Accessible From Both Sides, Add</i>	5.71	
03 01 30 71-0048	Carbon Fiber Strengthening System <small>(03 01 30 71-0001)</small>		
	Note: Includes preparing surface, dust and debris removal by hand, clean and protect adjacent area, fill voids, primer, fabric substrate layers, final coat of epoxy and finish. Excludes disposal.		
03 01 30 71-0049	SF Carbon Fiber Strengthening System For Concrete Beams, Per Layer.....	82.58	
	Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.		
03 01 30 71-0050	SF Carbon Fiber Strengthening System For Concrete Columns, Per Layer.....	73.21	
	Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.		
03 01 30 71-0051	SF Carbon Fiber Strengthening System For Concrete Ceiling Slabs, Per Layer.....	67.93	
	Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.		
03 01 30 71-0052	SF Carbon Fiber Strengthening System For Walls, Per Layer.....	65.00	
	Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.		

MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 01 30 71-0053	Fiber Reinforced Polymer (FRP) Strengthening System <small>(03 01 30 71-0001)</small> Note: Includes preparing surface, dust and debris removal by hand, clean and protect adjacent area, fill voids, primer, fabric substrate layers, final coat of epoxy and finish. Excludes disposal.		
03 01 30 71-0054	SF Composite Strengthening System - Exterior, Per Layer Note: Includes composite fabric SCH fiber, SEH fiber, epoxy saturant, primer, filler for voids, anchors, finish. TYFO Fibwrap System by Fyfe Company	53.73	
	<i>For Floor Surfaces, Deduct</i>	-8.24	
03 01 30 71-0055	SF Composite Strengthening Fire Resistant System - Interior, Per Layer Note: Includes composite fabric SCH fiber, SEH fiber, epoxy saturant, primer, filler for voids, anchors, finish and fire coating. TYFO Fibwrap System by Fyfe Company	65.14	
	<i>For Floor Surfaces, Deduct</i>	-10.10	

03 01 30 72 Strengthening Of Cast-in-Place Concrete (03 01 30)

03 01 30 72-0001	Concrete Surface Repairs <small>(03 01 30 72)</small>		
03 01 30 72-0002	SF Sound The Concrete Surface To Locate Delaminated Areas	0.36	

03 05 Common Work Results For Concrete (03)

03 05 13 Concrete Admixtures (03 05)

03 05 13 00-0001	Concrete Admixtures <small>(03 05 13)</small>		
03 05 13 00-0002	CY Low Range Water Reducing (LRWR), Type A Concrete Admixture	8.20	
03 05 13 00-0003	CY Set Retarding, Type B Concrete Admixture	5.68	
03 05 13 00-0004	CY 1% Calcium Chloride Accelerating, Type C Concrete Admixture.....	8.84	
03 05 13 00-0005	CY 2% Calcium Chloride Accelerating, Type C Concrete Admixture.....	17.67	
03 05 13 00-0006	CY 1% Non-Chloride Accelerating, Type C Concrete Admixture	15.78	
03 05 13 00-0007	CY 2% Non-Chloride Accelerating, Type C Concrete Admixture.....	31.55	
03 05 13 00-0008	CY 1% Water Reducing and Retarding (Hydration Stabilizer), Type D Concrete Admixture	6.82	
03 05 13 00-0009	CY 2% Water Reducing and Retarding (Hydration Stabilizer), Type D Concrete Admixture	13.29	
03 05 13 00-0010	CY 1% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture	9.47	
03 05 13 00-0011	CY 2% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture	18.93	
03 05 13 00-0012	CY Mid Range Water Reducing (MRWR) Superplasticizer, Type A Or E Concrete Admixture	6.31	
03 05 13 00-0013	CY High Range Water Reducing (HRWR) Superplasticizer, Type F Concrete Admixture.....	15.15	
03 05 13 00-0014	CY 1 LB/CY Polyethylene, Polypropylene, Nylon, Synthetic Plastic Fibers, Concrete Admixture	13.46	
03 05 13 00-0015	CY 1-1/2 LB/CY Polyethylene, Polypropylene, Nylon, Synthetic Plastic Fibers, Concrete Admixture	20.19	
03 05 13 00-0016	CY 25 LB/CY Steel Fibers, Concrete Admixture.....	42.22	
03 05 13 00-0017	CY 10% Microsilica (Silica Fume), Concrete Admixture	100.97	
03 05 13 00-0018	CY Corrosion Inhibiting Concrete Admixture	37.86	
03 05 13 00-0019	CY Winter Service Or Heat, Concrete Add	20.19	
03 05 13 00-0020	CY Chilled Water, Concrete Add	20.19	
03 05 13 00-0021	CY Subtle Color (See Davis Colors Color Card), Concrete Admixture	42.70	
03 05 13 00-0022	CY Standard Color (See Davis Colors Color Card), Concrete Admixture.....	71.17	
03 05 13 00-0023	CY Premium Color (See Davis Colors Color Card), Concrete Admixture.....	136.64	
03 05 13 00-0024	CY Ultra Premium Color (See Davis Colors Color Card), Concrete Admixture	189.78	
03 05 13 00-0025	CY XYPEX Concrete Additive C-500, C-1000 or C-2000	65.80	

03 10 Concrete Forming and Accessories (03)

03 11 Concrete Forming (03 10)

03 11 13 Structural Cast-In-Place Concrete Forming (03 11)

Note: Per square foot of formwork.

03 11 13 00-0001	Wood Formwork <small>(03 11 13)</small> Note: For job built wood and/or plywood form systems where metal framed formwork cannot be used. Includes erecting, stripping, stacking, plywood, framing lumber, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.		
03 11 13 00-0002	Foundation Wood Formwork <small>(03 11 13 00-0001)</small> Note: For foundation work below or at grade.		
03 11 13 00-0003	SF Continuous Footings Foundation Wood Formwork..... <i>For <1,000, Add</i>	8.07 1.52	
	<i>For Foundations >8' Below Grade, Add</i>	1.48	
	<i>For Curved Formwork, Add</i>	2.96	
03 11 13 00-0004	SF Pile Cap, Pier Or Spread Footings Foundation Wood Formwork..... <i>For <1,000, Add</i>	9.64 1.83	
	<i>For Foundations >8' Below Grade, Add</i>	1.79	
	<i>For Curved Formwork, Add</i>	3.57	
03 11 13 00-0005	SF Mat Foundation Wood Formwork..... <i>For <1,000, Add</i>	11.31 2.16	
	<i>For Foundations >8' Below Grade, Add</i>	2.11	
	<i>For Curved Formwork, Add</i>	4.22	
03 11 13 00-0006	SF Grade Beams Or Duct Bank Foundation Wood Formwork..... <i>For <1,000, Add</i>	9.44 1.79	
	<i>For Foundations >8' Below Grade, Add</i>	1.74	
	<i>For Curved Formwork, Add</i>	3.48	
03 11 13 00-0007	SF Below Grade Walls Foundation Wood Formwork	13.33	
	Note: Excludes footing		
	<i>For <1,000, Add</i>	2.53	
	<i>For Foundations >8' Below Grade, Add</i>	2.45	
	<i>For Curved Formwork, Add</i>	4.91	

03 Concrete**03 10 Concrete Forming and Accessories****03 11 Concrete Forming**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 11 13 00-0008	Slab Edge And Block-Out Wood Formwork (03 11 13 00-0001)		
03 11 13 00-0009	LF Up To 6" High Slab Edge and Block-Out Wood Formwork	6.26	
	For Foundations >8' Below Grade, Add	1.18	
	For Curved Formwork, Add	2.36	
	For Up To 250, Add	1.20	
03 11 13 00-0010	LF >6" To 12" High Slab Edge and Block-Out Wood Formwork	8.93	
	For Foundations >8' Below Grade, Add	1.65	
	For Curved Formwork, Add	3.29	
	For Up To 250, Add	1.69	
03 11 13 00-0011	SF >12" High Slab Edge and Block-Out Wood Formwork	11.61	
	For Foundations >8' Below Grade, Add	2.13	
	For Curved Formwork, Add	4.27	
	For <1,000, Add	2.20	
03 11 13 00-0012	Column Wood Formwork (03 11 13 00-0001)		
03 11 13 00-0013	LF Up To 8" Square Column Wood Formwork	48.16	
03 11 13 00-0014	LF >8" To 12" Square Column Wood Formwork	70.47	
03 11 13 00-0015	LF >12" To 18" Square Column Wood Formwork	88.89	
03 11 13 00-0016	LF >18" To 24" Square Column Wood Formwork	127.87	
03 11 13 00-0017	LF >24" To 36" Square Column Wood Formwork	183.70	
03 11 13 00-0018	LF >36" To 48" Square Column Wood Formwork	243.13	
03 11 13 00-0019	Above Grade Wall Wood Formwork (03 11 13 00-0001)		
03 11 13 00-0020	SF Up To 8' High Above Grade Wall Wood Formwork	14.91	
	For Curved Formwork, Add	5.54	
	For <1,000, Add	2.84	
03 11 13 00-0021	SF >8' High Above Grade Wall Wood Formwork	17.63	
	For Curved Formwork, Add	6.57	
	For <1,000, Add	3.37	
03 11 13 00-0022	Elevated Beam Wood Formwork (03 11 13 00-0001)		
	Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam.		
03 11 13 00-0023	SF Bottom of Elevated Beam Wood Formwork	19.67	
	For Curved Formwork, Add	7.24	
	For <1,000, Add	3.73	
03 11 13 00-0024	SF Vertical Sides of Elevated Beam Wood Formwork	12.40	
	For Curved Formwork, Add	4.62	
	For <1,000, Add	2.37	
03 11 13 00-0025	Elevated Slab Wood Formwork (03 11 13 00-0001)		
	Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab.		
03 11 13 00-0026	SF Elevated Slab Wood Formwork	11.62	
	For <1,000, Add	2.13	
03 11 13 00-0027	Metal Framed Formwork (03 11 13)		
	Note: For all metal framed and metal form systems. Includes erecting, stripping, stacking, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.		
03 11 13 00-0028	Foundation Metal Framed Formwork (03 11 13 00-0027)		
	Note: For foundation work below or at grade.		
03 11 13 00-0029	SF Continuous Footings Foundation Metal Framed Formwork	7.64	
	For <1,000, Add	1.40	
	For Foundations >8' Below Grade, Add	1.34	
	For Curved Formwork, Add	2.68	
03 11 13 00-0030	SF Pile Cap, Pier Or Spread Footings Foundation Metal Framed Formwork	8.47	
	For <1,000, Add	1.57	
	For Foundations >8' Below Grade, Add	1.51	
	For Curved Formwork, Add	3.01	
03 11 13 00-0031	SF Mat Foundation Metal Framed Formwork	9.49	
	For <1,000, Add	1.74	
	For Foundations >8' Below Grade, Add	1.66	
	For Curved Formwork, Add	3.32	
03 11 13 00-0032	SF Grade Beams Or Duct Bank Foundation Metal Framed Formwork	8.01	
	For <1,000, Add	1.47	
	For Foundations >8' Below Grade, Add	1.40	
	For Curved Formwork, Add	2.80	
03 11 13 00-0033	SF Below Grade Walls Foundation Metal Framed Formwork	12.20	
	Note: Excludes footing.		
	For <1,000, Add	2.27	
	For Foundations >8' Below Grade, Add	2.19	
	For Curved Formwork, Add	4.37	
03 11 13 00-0034	Slab Edge And Block-Out Metal Framed Formwork (03 11 13 00-0027)		
03 11 13 00-0035	LF Up To 6" High Slab Edge and Block-Out Metal Framed Formwork	5.45	
	For Foundations >8' Below Grade, Add	1.06	
	For Curved Formwork, Add	2.13	
	For <250, Add	1.07	
03 11 13 00-0036	LF >6" To 12" High Slab Edge and Block-Out Metal Framed Formwork	6.83	
	For Foundations >8' Below Grade, Add	1.32	
	For Curved Formwork, Add	2.64	
	For <250, Add	1.34	

	Concrete	03
	Concrete Forming and Accessories	03 10
	Concrete Forming	03 11
MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

		03 11 13 00-0037	SF	>12" High Slab Edge and Block-Out Metal Framed Formwork.....	7.56
				<i>For Foundations >8' Below Grade, Add</i>	1.46
				<i>For Curved Formwork, Add</i>	2.92
				<i>For <1,000, Add</i>	1.48
		03 11 13 00-0038		Column Metal Framed Formwork (03 11 13 00-0027)	
		03 11 13 00-0039		Square Columns (03 11 13 00-0038)	
		03 11 13 00-0040	LF	Up To 12" Square Column Metal Framed Formwork.....	46.65
		03 11 13 00-0041	LF	>12" To 16" Square Column Metal Framed Formwork.....	56.38
		03 11 13 00-0042	LF	>16" To 20" Square Column Metal Framed Formwork.....	66.13
		03 11 13 00-0043	LF	>20" To 24" Square Column Metal Framed Formwork.....	79.01
		03 11 13 00-0044	LF	>24" To 30" Square Column Metal Framed Formwork.....	95.20
		03 11 13 00-0045	LF	>30" To 36" Square Column Metal Framed Formwork.....	114.31
		03 11 13 00-0046	LF	>36" To 48" Square Column Metal Framed Formwork.....	146.67
		03 11 13 00-0047	LF	>48" To 60" Square Column Metal Framed Formwork.....	180.91
		03 11 13 00-0048		Round Columns (03 11 13 00-0038)	
		03 11 13 00-0049	LF	Up To 12" Diameter Column Metal Formwork.....	45.93
		03 11 13 00-0050	LF	>12" To 16" Diameter Column Metal Formwork.....	51.07
		03 11 13 00-0051	LF	>16" To 20" Diameter Column Metal Formwork.....	58.62
		03 11 13 00-0052	LF	>20" To 24" Diameter Column Metal Formwork.....	68.33
		03 11 13 00-0053	LF	>24" To 30" Diameter Column Metal Formwork.....	80.67
		03 11 13 00-0054	LF	>30" To 36" Diameter Column Metal Formwork.....	92.38
		03 11 13 00-0055	LF	>36" To 48" Diameter Column Metal Formwork.....	119.78
		03 11 13 00-0056	LF	>48" To 60" Diameter Column Metal Formwork.....	156.38
		03 11 13 00-0057		Above Grade Wall Metal Framed Formwork (03 11 13 00-0027)	
		03 11 13 00-0058	SF	Up to 8' High Above Grade Wall Metal Framed Formwork.....	7.50
				<i>For Curved Formwork, Add</i>	2.49
				<i>For <1,000, Add</i>	1.33
		03 11 13 00-0059	SF	>8' High Above Grade Wall Metal Framed Formwork.....	9.15
				<i>For Curved Formwork, Add</i>	3.00
				<i>For <1,000, Add</i>	1.61
		03 11 13 00-0060		Elevated Beam Metal Framed Formwork (03 11 13 00-0027)	
				Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam.	
		03 11 13 00-0061	SF	Bottom of Elevated Beam Metal Framed Formwork.....	7.54
				<i>For Curved Formwork, Add</i>	2.34
				<i>For <1,000, Add</i>	1.28
		03 11 13 00-0062	SF	Vertical Sides of Elevated Beam Metal Framed Formwork.....	5.59
				<i>For Curved Formwork, Add</i>	1.63
				<i>For <1,000, Add</i>	0.98
		03 11 13 00-0063		Elevated Slab Metal Framed Formwork (03 11 13 00-0027)	
				Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab.	
		03 11 13 00-0064	SF	Elevated Slab Metal Framed Formwork.....	10.40
				<i>For <1,000, Add</i>	1.57
		03 11 13 00-0065		Fiber Tube Formwork (03 11 13)	
				Note: Includes all supporting braces, erecting, aligning, stripping, turnbuckles, ties and clips.	
		03 11 13 00-0066		Round Column Fiber Tube Formwork (03 11 13 00-0065)	
		03 11 13 00-0067	LF	6" Diameter Round Fiber Tube Formwork.....	19.10
				<i>For Plastic Lined, Add</i>	0.67
				<i>For Columns >12' In Length, Add</i>	1.91
		03 11 13 00-0068	LF	8" Diameter Round Fiber Tube Formwork.....	20.13
				<i>For Plastic Lined, Add</i>	0.79
				<i>For Columns >12' In Length, Add</i>	2.01
		03 11 13 00-0069	LF	10" Diameter Round Fiber Tube Formwork.....	22.22
				<i>For Plastic Lined, Add</i>	0.91
				<i>For Columns >12' In Length, Add</i>	2.22
		03 11 13 00-0070	LF	12" Diameter Round Fiber Tube Formwork.....	26.16
				<i>For Plastic Lined, Add</i>	1.30
				<i>For Columns >12' In Length, Add</i>	2.62
		03 11 13 00-0071	LF	14" Diameter Round Fiber Tube Formwork.....	29.49
				<i>For Plastic Lined, Add</i>	1.76
				<i>For Columns >12' In Length, Add</i>	2.95
		03 11 13 00-0072	LF	16" Diameter Round Fiber Tube Formwork.....	31.90
				<i>For Plastic Lined, Add</i>	2.24
				<i>For Columns >12' In Length, Add</i>	3.19
		03 11 13 00-0073	LF	18" Diameter Round Fiber Tube Formwork.....	33.50
				<i>For Plastic Lined, Add</i>	2.43
				<i>For Columns >12' In Length, Add</i>	3.35
		03 11 13 00-0074	LF	20" Diameter Round Fiber Tube Formwork.....	36.44
				<i>For Plastic Lined, Add</i>	3.03
				<i>For Columns >12' In Length, Add</i>	3.64
		03 11 13 00-0075	LF	22" Diameter Round Fiber Tube Formwork.....	39.85
				<i>For Plastic Lined, Add</i>	3.65
				<i>For Columns >12' In Length, Add</i>	3.99

03 Concrete**03 10 Concrete Forming and Accessories****03 11 Concrete Forming**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 11 13 00-0076	LF	24" Diameter Round Fiber Tube Formwork	43.26	
		<i>For Plastic Lined, Add</i>	4.28	
		<i>For Columns >12' In Length, Add</i>	4.33	
03 11 13 00-0077	LF	26" Diameter Round Fiber Tube Formwork	45.07	
		<i>For Plastic Lined, Add</i>	4.67	
		<i>For Columns >12' In Length, Add</i>	4.51	
03 11 13 00-0078	LF	28" Diameter Round Fiber Tube Formwork	47.88	
		<i>For Plastic Lined, Add</i>	5.35	
		<i>For Columns >12' In Length, Add</i>	4.79	
03 11 13 00-0079	LF	30" Diameter Round Fiber Tube Formwork	50.89	
		<i>For Plastic Lined, Add</i>	6.10	
		<i>For Columns >12' In Length, Add</i>	5.09	
03 11 13 00-0080	LF	36" Diameter Round Fiber Tube Formwork	61.56	
		<i>For Plastic Lined, Add</i>	8.73	
		<i>For Columns >12' In Length, Add</i>	6.16	
03 11 13 00-0081	LF	42" Diameter Round Fiber Tube Formwork	83.26	
		<i>For Plastic Lined, Add</i>	14.83	
		<i>For Columns >12' In Length, Add</i>	8.33	
03 11 13 00-0082	LF	48" Diameter Round Fiber Tube Formwork	98.89	
		<i>For Plastic Lined, Add</i>	19.11	
		<i>For Columns >12' In Length, Add</i>	9.89	
03 11 13 00-0083	LF	54" Diameter Round Fiber Tube Formwork	163.07	
		<i>For Plastic Lined, Add</i>	37.70	
		<i>For Columns >12' In Length, Add</i>	16.31	
03 11 13 00-0084	LF	60" Diameter Round Fiber Tube Formwork	181.08	
		<i>For Plastic Lined, Add</i>	42.59	
		<i>For Columns >12' In Length, Add</i>	18.11	
03 11 13 00-0085		Accessories For Formwork <small>(03 11 13)</small>		
03 11 13 00-0086		Keyway Forms, All Materials <small>(03 11 13 00-0085)</small>		
03 11 13 00-0087	LF	2" x 4" To 2" x 6" Keyway Forms for Concrete Formwork, All Materials	2.30	
03 11 13 00-0088		Chamfer Strips, All Materials <small>(03 11 13 00-0085)</small>		
03 11 13 00-0089	LF	1/2" Wide Chamfer Strips for Concrete Formwork, All Materials	2.43	
03 11 13 00-0090	LF	3/4" Wide Chamfer Strips for Concrete Formwork, All Materials	2.81	
03 11 13 00-0091	LF	1" Wide Chamfer Strips for Concrete Formwork, All Materials	3.24	
03 11 13 00-0092		Strip Out Reglets For Concrete Formwork <small>(03 11 13 00-0085)</small>		
03 11 13 00-0093	LF	24 To 26 Gauge Galvanized Steel, Strip Out Reglets For Concrete Formwork	12.38	
03 11 13 00-0094		Sleeves And Chases, Plastic Or Sheet Metal <small>(03 11 13 00-0085)</small>		
03 11 13 00-0095	EA	2" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	15.99	
03 11 13 00-0096	EA	4" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	20.32	
03 11 13 00-0097	EA	6" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	24.68	
03 11 13 00-0098	EA	8" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	29.81	
03 11 13 00-0099	EA	12" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	38.93	
03 11 13 00-0100	EA	18" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	99.64	
03 11 16		Architectural Cast-In-Place Concrete Forming <small>(03 11)</small>		
03 11 16 13		Concrete Form Liners <small>(03 11 16)</small>		
03 11 16 13-0001		Concrete Form Liners <small>(03 11 16 13)</small>		
03 11 16 13-0002	SF	Various Patterns And Textures, 1 Use, Concrete Form Liner, Add To Formwork	5.85	
03 11 16 13-0003	SF	Beveled Edge, Rusticated Concrete Finish, 1 Use, Concrete Form Liner, Add To Formwork	7.61	
03 11 16 13-0004	SF	Square Edge, Rusticated Concrete Finish, 1 Use, Concrete Form Liner, Add To Formwork	9.99	
03 11 23		Permanent Stair Forming <small>(03 11)</small>		
03 11 23 00-0001		Stairway Wood Formwork <small>(03 11 23)</small>		
03 11 23 00-0002	SF	Cast On Grade Stairway Wood Formwork	18.87	
		<i>For Curved Formwork, Add</i>	7.31	
		<i>For <1,000, Add</i>	3.70	
03 11 23 00-0003	SF	Elevated Stairway Wood Formwork	37.85	
		Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.		
		<i>For Curved Formwork, Add</i>	14.35	
		<i>For <1,000, Add</i>	7.31	
03 11 23 00-0004		Stairway Metal Framed Formwork <small>(03 11 23)</small>		
03 11 23 00-0005	SF	Cast On Grade Stairway Metal Framed Formwork	15.93	
		<i>For Curved Formwork, Add</i>	6.02	
		<i>For <1,000, Add</i>	3.07	
03 11 23 00-0006	SF	Elevated Stairway Metal Framed Formwork	29.54	
		Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.		
		<i>For Curved Formwork, Add</i>	11.18	
		<i>For <1,000, Add</i>	5.70	

03 15 Concrete Accessories (03 10)

	MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT	DEMOLITION
			UNIT COST	UNIT COST

03 15 13 Waterstops (03 15)
03 15 13 13 Non-Expanding Waterstops (03 15 13)
03 15 13 13-0001 Polyvinyl Chloride (PVC) Waterstops (03 15 13 13)

03 15 13 13-0002	LF	3/16" Thick x 4" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop	10.35	
03 15 13 13-0003	LF	3/16" Thick x 6" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop	11.93	
03 15 13 13-0004	LF	3/16" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb	15.07	
03 15 13 13-0005	LF	3/8" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb	16.91	
03 15 13 13-0006	LF	1/2" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop	28.48	
03 15 13 13-0007	LF	3/16" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop	13.07	
03 15 13 13-0008	LF	3/8" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop	15.83	
03 15 13 13-0009	LF	3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop	31.68	
03 15 13 13-0010	LF	3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop With Center Bulb	23.73	

03 15 13 13-0011 Rubber Waterstops (03 15 13 13)

03 15 13 13-0012	LF	3/8" Thick x 6" Wide Rubber Dumbbell Waterstop	10.29	
03 15 13 13-0013	LF	3/8" Thick x 9" Wide Rubber Dumbbell Waterstop	11.82	
03 15 13 13-0014	LF	1/4" Thick x 6" Wide Rubber Waterstop, With Center Bulb	10.79	
03 15 13 13-0015	LF	1/4" Thick x 9" Wide Rubber Waterstop, With Center Bulb	14.81	
03 15 13 13-0016	LF	3/8" Thick x 6" Wide Rubber Waterstop, With Center Bulb	12.26	
03 15 13 13-0017	LF	3/8" Thick x 9" Wide Rubber Waterstop, With Center Bulb	15.71	

03 15 13 16 Expanding Waterstops (03 15 13)
03 15 13 16-0001 Bentonite Waterstops (03 15 13 16)

03 15 13 16-0002	LF	3/4" x 3/8" Bentonite Waterstop	9.75	
03 15 13 16-0003	LF	1-1/4" x 1/2" Bentonite Waterstop	15.88	
03 15 13 16-0004	LF	1" x 3/4" Bentonite Waterstop	18.09	
03 15 13 16-0005	LF	1" x 1" Bentonite Waterstop	20.98	

03 15 16 Concrete Construction Joints (03 15)
03 15 16 00-0001 Poured Expansion Joint (03 15 16)

03 15 16 00-0002	LF	1/2" x 1" Plain Asphalt Expansion Joint, Poured	3.06	0.82
		<i>For Installation In Walls, Add</i>	1.37	
03 15 16 00-0003	LF	1" x 2" Plain Asphalt Expansion Joint, Poured	7.03	0.82
		<i>For Installation In Walls, Add</i>	1.55	
03 15 16 00-0004	LF	1/2" x 1" Liquid Neoprene Expansion Joint, Poured, Cold Applied	2.97	0.82
		<i>For Installation In Walls, Add</i>	1.37	
03 15 16 00-0005	LF	1" x 2" Liquid Neoprene Expansion Joint, Poured, Cold Applied	6.63	0.82
		<i>For Installation In Walls, Add</i>	1.55	
03 15 16 00-0006	LF	1/2" x 1" Polyurethane Expansion Joint, Poured, 2 Parts	4.17	0.82
		<i>For Installation In Walls, Add</i>	1.55	
03 15 16 00-0007	LF	1" x 2" Polyurethane Expansion Joint, Poured, 2 Parts	7.53	0.82
		<i>For Installation In Walls, Add</i>	2.50	
03 15 16 00-0008	LF	1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Or Cold Applied	3.42	0.82
		<i>For Installation In Walls, Add</i>	1.37	
03 15 16 00-0009	LF	1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant	4.24	0.82
		<i>For Installation In Walls, Add</i>	1.37	
03 15 16 00-0010	LF	1" x 2" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant	11.27	0.82
		<i>For Installation In Walls, Add</i>	1.55	

03 15 16 00-0011 Premolded Expansion Joints (03 15 16)
03 15 16 00-0012 Asphalt Saturated Fiber, Premolded Expansion Joints (03 15 16 00-0011)

03 15 16 00-0013	LF	1/4" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.52	1.17
03 15 16 00-0014	LF	1/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.91	1.22
03 15 16 00-0015	LF	1/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	3.13	1.28
03 15 16 00-0016	LF	1/4" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	3.38	1.34
03 15 16 00-0017	LF	3/8" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.76	1.17
03 15 16 00-0018	LF	3/8" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	3.09	1.22
03 15 16 00-0019	LF	3/8" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	3.48	1.28
03 15 16 00-0020	LF	3/8" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	4.04	1.34
03 15 16 00-0021	LF	1/2" x 2" Asphalt Saturated Fiber, Premolded Expansion Joint	2.50	1.11
03 15 16 00-0022	LF	1/2" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.72	1.17
03 15 16 00-0023	LF	1/2" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	3.00	1.22
03 15 16 00-0024	LF	1/2" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	3.22	1.28
03 15 16 00-0025	LF	1/2" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	3.50	1.34
03 15 16 00-0026	LF	1/2" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint	3.89	1.40
03 15 16 00-0027	LF	1/2" x 10" Asphalt Saturated Fiber, Premolded Expansion Joint	4.19	1.45
03 15 16 00-0028	LF	1/2" x 12" Asphalt Saturated Fiber, Premolded Expansion Joint	4.72	1.51
03 15 16 00-0029	LF	3/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	3.02	1.22
03 15 16 00-0030	LF	3/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	3.46	1.28
03 15 16 00-0031	LF	3/4" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint	4.24	1.40
03 15 16 00-0032	SF	1" Asphalt Saturated Fiber, Premolded Expansion Joint	7.37	1.92

03 15 16 00-0033 Cork, Premolded Expansion Joints (03 15 16 00-0011)

03 15 16 00-0034	LF	1/2" x 4" Cork, Premolded Expansion Joint	4.36	1.22
03 15 16 00-0035	LF	1/2" x 6" Cork, Premolded Expansion Joint	4.90	1.34
03 15 16 00-0036	LF	1/2" x 8" Cork, Premolded Expansion Joint	5.32	1.40

03 Concrete
03 10 Concrete Forming and Accessories
03 15 Concrete Accessories

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 15 16 00-0037	LF	1/2" x 10" Cork, Premolded Expansion Joint	7.49	1.45
03 15 16 00-0038	LF	1/2" x 12" Cork, Premolded Expansion Joint	7.98	1.51
03 15 16 00-0039	SF	1/2" Cork, Premolded Expansion Joint	8.79	1.92
03 15 16 00-0040	SF	3/4" Cork, Premolded Expansion Joint	10.21	1.92
03 15 16 00-0041	SF	1" Cork, Premolded Expansion Joint	10.86	1.92
03 15 16 00-0042		Flexible Polyethylene Foam, Premolded Expansion Joints (03 15 16 00-0011)		
03 15 16 00-0043	LF	1/4" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint	2.75	1.22
03 15 16 00-0044	LF	1/4" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint	2.86	1.28
03 15 16 00-0045	LF	1/4" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint	3.02	1.34
03 15 16 00-0046	LF	1/4" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint	3.51	1.40
03 15 16 00-0047	LF	1/2" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint	2.83	1.22
03 15 16 00-0048	LF	1/2" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint	2.95	1.28
03 15 16 00-0049	LF	1/2" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint	3.08	1.34
03 15 16 00-0050	LF	1/2" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint	3.38	1.40
03 15 16 00-0051		Zip Strip, Premolded Expansion Joints (03 15 16 00-0011)		
03 15 16 00-0052	LF	1" Zip Strip, Premolded Expansion Joint.....	2.78	1.22
03 15 16 00-0053	LF	1-1/2" Zip Strip, Premolded Expansion Joint	3.03	1.28
03 15 16 00-0054	LF	2" Zip Strip, Premolded Expansion Joint.....	3.37	1.40
03 15 16 00-0055		Sponge Rubber, Premolded Expansion Joints (03 15 16 00-0011)		
03 15 16 00-0056	LF	1/2" x 4" Sponge Rubber, Premolded Expansion Joint.....	4.77	1.17
03 15 16 00-0057	LF	1/2" x 6" Sponge Rubber, Premolded Expansion Joint.....	5.72	1.17
03 15 16 00-0058		Asphalt Felt Control Joints Or Bond Breaker (03 15 16)		
03 15 16 00-0059	SF	Asphalt Felt Control Joint, 30 LB Felt Bond Breaker.....	1.28	0.88
		>1,250, Deduct	-0.06	
03 15 16 00-0060	SF	Asphalt Felt Control Joint, 15 LB Felt Bond Breaker.....	1.22	0.88
		>1,250, Deduct	-0.06	
03 15 16 00-0061		Keyed Cold Expansion And Control Joints (03 15 16)		
03 15 16 00-0062		24 Gauge Galvanized Steel With Stakes (03 15 16 00-0061)		
03 15 16 00-0063	LF	24 Gauge Galvanized Steel Keyed Joint, 3-1/2" Cold Expansion Or Control Joint	6.65	
03 15 16 00-0064	LF	24 Gauge Galvanized Steel Keyed Joint, 4-1/2" Cold Expansion Or Control Joint.....	6.78	
03 15 16 00-0065	LF	24 Gauge Galvanized Steel Keyed Joint, 5-1/2" Cold Expansion Or Control Joint.....	7.03	
03 15 16 00-0066	LF	24 Gauge Galvanized Steel Keyed Joint, 7-1/2" Cold Expansion Or Control Joint.....	7.44	
03 15 16 00-0067	LF	24 Gauge Galvanized Steel Keyed Joint, 9-1/2" Cold Expansion Or Control Joint.....	9.30	
03 15 19		Cast-In Concrete Anchors (03 15)		
03 15 19 00-0001		Cast In Place Anchors (03 15 19)		
		Note: For cast in place installations. Includes nut and washer.		
03 15 19 00-0002		J-Type Anchor Bolts (03 15 19 00-0001)		
		See CSI section 03 11 13 00-0002 for template.		
03 15 19 00-0003		1/2" And 5/8" Diameter (03 15 19 00-0002)		
03 15 19 00-0004	EA	1/2" Diameter x 6" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	10.30	
		For Galvanized, Add	1.85	
		For Stainless Steel, Add	12.92	
		For >10 To 50, Deduct	-0.33	
		For >50 To 100, Deduct	-0.75	
		For >100, Deduct	-1.51	
03 15 19 00-0005	EA	1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	11.82	
		For Galvanized, Add	2.35	
		For Stainless Steel, Add	16.45	
		For >10 To 50, Deduct	-0.36	
		For >50 To 100, Deduct	-0.83	
		For >100, Deduct	-1.66	
03 15 19 00-0006	EA	1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	14.19	
		For Galvanized, Add	3.24	
		For Stainless Steel, Add	22.68	
		For >10 To 50, Deduct	-0.39	
		For >50 To 100, Deduct	-0.93	
		For >100, Deduct	-1.87	
03 15 19 00-0007	EA	5/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	16.17	
		For Galvanized, Add	4.23	
		For Stainless Steel, Add	29.61	
		For >10 To 50, Deduct	-0.39	
		For >50 To 100, Deduct	-0.98	
		For >100, Deduct	-1.97	
03 15 19 00-0008	EA	5/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	19.71	
		For Galvanized, Add	5.65	
		For Stainless Steel, Add	39.52	
		For >10 To 50, Deduct	-0.42	
		For >50 To 100, Deduct	-1.12	
		For >100, Deduct	-2.25	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	03 15 19 00-0009	EA		5/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....22.17		
				For Galvanized, Add	6.46	
				For Stainless Steel, Add	45.19	
				For >10 To 50, Deduct	-0.46	
				For >50 To 100, Deduct	-1.25	
				For >100, Deduct	-2.50	
	03 15 19 00-0010			3/4" And 7/8" Diameter (03 15 19 00-0002)		
	03 15 19 00-0011	EA		3/4" Diameter x 8" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....22.08		
				For Galvanized, Add	6.41	
				For Stainless Steel, Add	44.87	
				For >10 To 50, Deduct	-0.46	
				For >50 To 100, Deduct	-1.25	
				For >100, Deduct	-2.49	
	03 15 19 00-0012	EA		3/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....25.23		
				For Galvanized, Add	7.47	
				For Stainless Steel, Add	52.29	
				For >10 To 50, Deduct	-0.51	
				For >50 To 100, Deduct	-1.40	
				For >100, Deduct	-2.81	
	03 15 19 00-0013	EA		3/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....30.70		
				For Galvanized, Add	9.57	
				For Stainless Steel, Add	66.96	
				For >10 To 50, Deduct	-0.58	
				For >50 To 100, Deduct	-1.64	
				For >100, Deduct	-3.27	
	03 15 19 00-0014	EA		3/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....37.08		
				For Galvanized, Add	12.06	
				For Stainless Steel, Add	84.39	
				For >10 To 50, Deduct	-0.65	
				For >50 To 100, Deduct	-1.90	
				For >100, Deduct	-3.80	
	03 15 19 00-0015	EA		7/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....29.09		
				For Galvanized, Add	8.76	
				For Stainless Steel, Add	61.32	
				For >10 To 50, Deduct	-0.58	
				For >50 To 100, Deduct	-1.60	
				For >100, Deduct	-3.19	
	03 15 19 00-0016	EA		7/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....34.21		
				For Galvanized, Add	10.49	
				For Stainless Steel, Add	73.43	
				For >10 To 50, Deduct	-0.66	
				For >50 To 100, Deduct	-1.85	
				For >100, Deduct	-3.70	
	03 15 19 00-0017	EA		7/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....43.39		
				For Galvanized, Add	13.98	
				For Stainless Steel, Add	97.86	
				For >10 To 50, Deduct	-0.77	
				For >50 To 100, Deduct	-2.24	
				For >100, Deduct	-4.48	
	03 15 19 00-0018			1" And 1-1/8" Diameter (03 15 19 00-0002)		
	03 15 19 00-0019	EA		1" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....35.89		
				For Galvanized, Add	11.33	
				For Stainless Steel, Add	79.31	
				For >10 To 50, Deduct	-0.66	
				For >50 To 100, Deduct	-1.89	
				For >100, Deduct	-3.78	
	03 15 19 00-0020	EA		1" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....42.70		
				For Galvanized, Add	13.64	
				For Stainless Steel, Add	95.45	
				For >10 To 50, Deduct	-0.77	
				For >50 To 100, Deduct	-2.22	
				For >100, Deduct	-4.45	
	03 15 19 00-0021	EA		1" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....52.69		
				For Galvanized, Add	17.09	
				For Stainless Steel, Add	119.63	
				For >10 To 50, Deduct	-0.93	
				For >50 To 100, Deduct	-2.71	
				For >100, Deduct	-5.41	
	03 15 19 00-0022	EA		1" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....64.91		
				For Galvanized, Add	20.89	
				For Stainless Steel, Add	146.20	
				For >10 To 50, Deduct	-1.16	
				For >50 To 100, Deduct	-3.36	
				For >100, Deduct	-6.72	
	03 15 19 00-0023	EA		1-1/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....42.85		
				For Galvanized, Add	14.17	
				For Stainless Steel, Add	99.16	
				For >10 To 50, Deduct	-0.73	
				For >50 To 100, Deduct	-2.16	
				For >100, Deduct	-4.32	
	03 15 19 00-0024	EA		1-1/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....51.02		
				For Galvanized, Add	17.05	
				For Stainless Steel, Add	119.32	
				For >10 To 50, Deduct	-0.85	
				For >50 To 100, Deduct	-2.55	
				For >100, Deduct	-5.09	

03 Concrete**03 10 Concrete Forming and Accessories****03 15 Concrete Accessories**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
03 15 19 00-0025	EA 1-1/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	63.05	
	For Galvanized, Add	21.37	
	For Stainless Steel, Add	149.56	
	For >10 To 50, Deduct	-1.02	
	For >50 To 100, Deduct	-3.10	
	For >100, Deduct	-6.20	
03 15 19 00-0026	EA 1-1/8" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	77.62	
	For Galvanized, Add	26.11	
	For Stainless Steel, Add	182.74	
	For >10 To 50, Deduct	-1.27	
	For >50 To 100, Deduct	-3.85	
	For >100, Deduct	-7.69	
03 15 19 00-0027	1-1/4" And 1-1/2" Diameter <small>(03 15 19 00-0002)</small>		
03 15 19 00-0028	EA 1-1/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	51.48	
	For Galvanized, Add	17.70	
	For Stainless Steel, Add	123.90	
	For >10 To 50, Deduct	-0.80	
	For >50 To 100, Deduct	-2.49	
	For >100, Deduct	-4.99	
03 15 19 00-0029	EA 1-1/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	61.37	
	For Galvanized, Add	21.31	
	For Stainless Steel, Add	149.17	
	For >10 To 50, Deduct	-0.94	
	For >50 To 100, Deduct	-2.94	
	For >100, Deduct	-5.88	
03 15 19 00-0030	EA 1-1/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	75.95	
	For Galvanized, Add	26.72	
	For Stainless Steel, Add	187.01	
	For >10 To 50, Deduct	-1.13	
	For >50 To 100, Deduct	-3.59	
	For >100, Deduct	-7.18	
03 15 19 00-0031	EA 1-1/4" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	93.39	
	For Galvanized, Add	32.63	
	For Stainless Steel, Add	228.38	
	For >10 To 50, Deduct	-1.41	
	For >50 To 100, Deduct	-4.45	
	For >100, Deduct	-8.89	
03 15 19 00-0032	EA 1-1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	62.30	
	For Galvanized, Add	22.13	
	For Stainless Steel, Add	154.91	
	For >10 To 50, Deduct	-0.90	
	For >50 To 100, Deduct	-2.91	
	For >100, Deduct	-5.82	
03 15 19 00-0033	EA 1-1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	74.31	
	For Galvanized, Add	26.64	
	For Stainless Steel, Add	186.45	
	For >10 To 50, Deduct	-1.05	
	For >50 To 100, Deduct	-3.44	
	For >100, Deduct	-6.87	
03 15 19 00-0034	EA 1-1/2" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	92.06	
	For Galvanized, Add	33.40	
	For Stainless Steel, Add	233.80	
	For >10 To 50, Deduct	-1.26	
	For >50 To 100, Deduct	-4.20	
	For >100, Deduct	-8.39	
03 15 19 00-0035	EA 1-1/2" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	113.12	
	For Galvanized, Add	40.79	
	For Stainless Steel, Add	285.50	
	For >10 To 50, Deduct	-1.58	
	For >50 To 100, Deduct	-5.19	
	For >100, Deduct	-10.39	
03 15 19 00-0036	L-Type Anchor Bolts <small>(03 15 19 00-0001)</small>		
	See CSI section 03 11 13 00-0002 for template.		
03 15 19 00-0037	3/4" And 7/8" Diameter <small>(03 15 19 00-0005)</small>		
03 15 19 00-0038	EA 3/4" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	20.09	
	For Galvanized, Add	4.90	
	For Stainless Steel, Add	34.30	
	For >10 To 50, Deduct	-0.51	
	For >50 To 100, Deduct	-1.27	
	For >100, Deduct	-2.55	
03 15 19 00-0039	EA 3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	23.67	
	For Galvanized, Add	6.05	
	For Stainless Steel, Add	42.35	
	For >10 To 50, Deduct	-0.58	
	For >50 To 100, Deduct	-1.46	
	For >100, Deduct	-2.92	
03 15 19 00-0040	EA 3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	27.11	
	For Galvanized, Add	6.94	
	For Stainless Steel, Add	48.58	
	For >10 To 50, Deduct	-0.66	
	For >50 To 100, Deduct	-1.67	
	For >100, Deduct	-3.34	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 15 19 00-0041	EA	3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	29.84	
		For Galvanized, Add	7.21	
		For Stainless Steel, Add	50.44	
		For >10 To 50, Deduct	-0.77	
		For >50 To 100, Deduct	-1.90	
		For >100, Deduct	-3.81	
03 15 19 00-0042	EA	3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	33.63	
		For Galvanized, Add	7.56	
		For Stainless Steel, Add	52.92	
		For >10 To 50, Deduct	-0.93	
		For >50 To 100, Deduct	-2.23	
		For >100, Deduct	-4.46	
03 15 19 00-0043	EA	7/8" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	23.72	
		For Galvanized, Add	6.08	
		For Stainless Steel, Add	42.53	
		For >10 To 50, Deduct	-0.58	
		For >50 To 100, Deduct	-1.46	
		For >100, Deduct	-2.92	
03 15 19 00-0044	EA	7/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	27.38	
		For Galvanized, Add	7.08	
		For Stainless Steel, Add	49.53	
		For >10 To 50, Deduct	-0.66	
		For >50 To 100, Deduct	-1.68	
		For >100, Deduct	-3.35	
03 15 19 00-0045	EA	7/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	31.66	
		For Galvanized, Add	8.12	
		For Stainless Steel, Add	56.81	
		For >10 To 50, Deduct	-0.77	
		For >50 To 100, Deduct	-1.95	
		For >100, Deduct	-3.90	
03 15 19 00-0046	EA	7/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	35.36	
		For Galvanized, Add	8.43	
		For Stainless Steel, Add	58.98	
		For >10 To 50, Deduct	-0.93	
		For >50 To 100, Deduct	-2.27	
		For >100, Deduct	-4.54	
03 15 19 00-0047	EA	7/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	40.84	
		For Galvanized, Add	8.85	
		For Stainless Steel, Add	61.95	
		For >10 To 50, Deduct	-1.16	
		For >50 To 100, Deduct	-2.76	
		For >100, Deduct	-5.51	

03 15 19 00-0048 1" And 1-1/8" Diameter (03 15 19 00-0036)

03 15 19 00-0049	EA	1" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	28.81	
		For Galvanized, Add	7.79	
		For Stainless Steel, Add	54.53	
		For >10 To 50, Deduct	-0.66	
		For >50 To 100, Deduct	-1.71	
		For >100, Deduct	-3.43	
03 15 19 00-0050	EA	1" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	32.95	
		For Galvanized, Add	8.76	
		For Stainless Steel, Add	61.32	
		For >10 To 50, Deduct	-0.77	
		For >50 To 100, Deduct	-1.98	
		For >100, Deduct	-3.96	
03 15 19 00-0051	EA	1" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	38.10	
		For Galvanized, Add	9.80	
		For Stainless Steel, Add	68.57	
		For >10 To 50, Deduct	-0.93	
		For >50 To 100, Deduct	-2.34	
		For >100, Deduct	-4.68	
03 15 19 00-0052	EA	1" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	40.63	
		For Galvanized, Add	10.26	
		For Stainless Steel, Add	71.79	
		For >10 To 50, Deduct	-1.01	
		For >50 To 100, Deduct	-2.52	
		For >100, Deduct	-5.05	
03 15 19 00-0053	EA	1" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	44.62	
		For Galvanized, Add	10.74	
		For Stainless Steel, Add	75.18	
		For >10 To 50, Deduct	-1.16	
		For >50 To 100, Deduct	-2.85	
		For >100, Deduct	-5.70	
03 15 19 00-0054	EA	1" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	50.60	
		For Galvanized, Add	12.45	
		For Stainless Steel, Add	87.12	
		For >10 To 50, Deduct	-1.29	
		For >50 To 100, Deduct	-3.19	
		For >100, Deduct	-6.39	
03 15 19 00-0055	EA	1" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	59.99	
		For Galvanized, Add	14.57	
		For Stainless Steel, Add	101.99	
		For >10 To 50, Deduct	-1.54	
		For >50 To 100, Deduct	-3.81	
		For >100, Deduct	-7.63	

03 Concrete
03 10 Concrete Forming and Accessories
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0056	EA		1-1/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	35.92	
			<i>For Galvanized, Add</i>	10.25	
			<i>For Stainless Steel, Add</i>	71.72	
			<i>For >10 To 50, Deduct</i>	-0.77	
			<i>For >50 To 100, Deduct</i>	-2.06	
			<i>For >100, Deduct</i>	-4.11	
03 15 19 00-0057	EA		1-1/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	41.44	
			<i>For Galvanized, Add</i>	11.47	
			<i>For Stainless Steel, Add</i>	80.26	
			<i>For >10 To 50, Deduct</i>	-0.93	
			<i>For >50 To 100, Deduct</i>	-2.42	
			<i>For >100, Deduct</i>	-4.85	
03 15 19 00-0058	EA		1-1/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	44.12	
			<i>For Galvanized, Add</i>	12.00	
			<i>For Stainless Steel, Add</i>	84.00	
			<i>For >10 To 50, Deduct</i>	-1.01	
			<i>For >50 To 100, Deduct</i>	-2.61	
			<i>For >100, Deduct</i>	-5.22	
03 15 19 00-0059			1-1/4" And 1-3/8" Diameter <small>(03 15 19 00-0036)</small>		
03 15 19 00-0060	EA		1-1/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	43.29	
			<i>For Galvanized, Add</i>	12.39	
			<i>For Stainless Steel, Add</i>	86.73	
			<i>For >10 To 50, Deduct</i>	-0.93	
			<i>For >50 To 100, Deduct</i>	-2.47	
			<i>For >100, Deduct</i>	-4.94	
03 15 19 00-0061	EA		1-1/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	52.14	
			<i>For Galvanized, Add</i>	14.50	
			<i>For Stainless Steel, Add</i>	101.50	
			<i>For >10 To 50, Deduct</i>	-1.16	
			<i>For >50 To 100, Deduct</i>	-3.04	
			<i>For >100, Deduct</i>	-6.08	
03 15 19 00-0062	EA		1-1/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	57.21	
			<i>For Galvanized, Add</i>	16.43	
			<i>For Stainless Steel, Add</i>	114.98	
			<i>For >10 To 50, Deduct</i>	-1.22	
			<i>For >50 To 100, Deduct</i>	-3.26	
			<i>For >100, Deduct</i>	-6.51	
03 15 19 00-0063	EA		1-1/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	62.80	
			<i>For Galvanized, Add</i>	18.55	
			<i>For Stainless Steel, Add</i>	129.82	
			<i>For >10 To 50, Deduct</i>	-1.29	
			<i>For >50 To 100, Deduct</i>	-3.50	
			<i>For >100, Deduct</i>	-7.00	
03 15 19 00-0064	EA		1-1/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	69.27	
			<i>For Galvanized, Add</i>	20.17	
			<i>For Stainless Steel, Add</i>	141.19	
			<i>For >10 To 50, Deduct</i>	-1.45	
			<i>For >50 To 100, Deduct</i>	-3.90	
			<i>For >100, Deduct</i>	-7.80	
03 15 19 00-0065	EA		1-1/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	76.26	
			<i>For Galvanized, Add</i>	21.60	
			<i>For Stainless Steel, Add</i>	151.20	
			<i>For >10 To 50, Deduct</i>	-1.65	
			<i>For >50 To 100, Deduct</i>	-4.39	
			<i>For >100, Deduct</i>	-8.77	
03 15 19 00-0066	EA		1-1/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	84.81	
			<i>For Galvanized, Add</i>	23.12	
			<i>For Stainless Steel, Add</i>	161.84	
			<i>For >10 To 50, Deduct</i>	-1.93	
			<i>For >50 To 100, Deduct</i>	-5.01	
			<i>For >100, Deduct</i>	-10.03	
03 15 19 00-0067	EA		1-1/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	97.41	
			<i>For Galvanized, Add</i>	25.56	
			<i>For Stainless Steel, Add</i>	178.92	
			<i>For >10 To 50, Deduct</i>	-2.31	
			<i>For >50 To 100, Deduct</i>	-5.91	
			<i>For >100, Deduct</i>	-11.81	
03 15 19 00-0068	EA		1-3/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	49.49	
			<i>For Galvanized, Add</i>	15.49	
			<i>For Stainless Steel, Add</i>	108.43	
			<i>For >10 To 50, Deduct</i>	-0.93	
			<i>For >50 To 100, Deduct</i>	-2.63	
			<i>For >100, Deduct</i>	-5.25	
03 15 19 00-0069	EA		1-3/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	59.40	
			<i>For Galvanized, Add</i>	18.13	
			<i>For Stainless Steel, Add</i>	126.91	
			<i>For >10 To 50, Deduct</i>	-1.16	
			<i>For >50 To 100, Deduct</i>	-3.22	
			<i>For >100, Deduct</i>	-6.44	
03 15 19 00-0070	EA		1-3/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	65.41	
			<i>For Galvanized, Add</i>	20.53	
			<i>For Stainless Steel, Add</i>	143.68	
			<i>For >10 To 50, Deduct</i>	-1.22	
			<i>For >50 To 100, Deduct</i>	-3.46	
			<i>For >100, Deduct</i>	-6.92	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 15 19 00-0071	EA	1-3/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt		72.06	
		<i>For Galvanized, Add</i>		23.18	
		<i>For Stainless Steel, Add</i>		162.23	
		<i>For >10 To 50, Deduct</i>		-1.29	
		<i>For >50 To 100, Deduct</i>		-3.73	
		<i>For >100, Deduct</i>		-7.46	
03 15 19 00-0072	EA	1-3/8" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt		79.36	
		<i>For Galvanized, Add</i>		25.22	
		<i>For Stainless Steel, Add</i>		176.51	
		<i>For >10 To 50, Deduct</i>		-1.45	
		<i>For >50 To 100, Deduct</i>		-4.15	
		<i>For >100, Deduct</i>		-8.31	
03 15 19 00-0073	EA	1-3/8" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt		87.07	
		<i>For Galvanized, Add</i>		27.01	
		<i>For Stainless Steel, Add</i>		189.04	
		<i>For >10 To 50, Deduct</i>		-1.65	
		<i>For >50 To 100, Deduct</i>		-4.66	
		<i>For >100, Deduct</i>		-9.31	
03 15 19 00-0074	EA	1-3/8" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt		96.84	
		<i>For Galvanized, Add</i>		29.14	
		<i>For Stainless Steel, Add</i>		203.95	
		<i>For >10 To 50, Deduct</i>		-1.93	
		<i>For >50 To 100, Deduct</i>		-5.31	
		<i>For >100, Deduct</i>		-10.63	
03 15 19 00-0075	EA	1-3/8" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt		110.21	
		<i>For Galvanized, Add</i>		31.96	
		<i>For Stainless Steel, Add</i>		223.72	
		<i>For >10 To 50, Deduct</i>		-2.31	
		<i>For >50 To 100, Deduct</i>		-6.23	
		<i>For >100, Deduct</i>		-12.45	
03 15 19 00-0076		1-1/2", 1-3/4", And 2" Diameter <small>(03 15 19 00-0036)</small>			
03 15 19 00-0077	EA	1-1/2" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt		63.98	
		<i>For Galvanized, Add</i>		21.47	
		<i>For Stainless Steel, Add</i>		150.29	
		<i>For >10 To 50, Deduct</i>		-1.05	
		<i>For >50 To 100, Deduct</i>		-3.18	
		<i>For >100, Deduct</i>		-6.36	
03 15 19 00-0078	EA	1-1/2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt		69.40	
		<i>For Galvanized, Add</i>		22.52	
		<i>For Stainless Steel, Add</i>		157.64	
		<i>For >10 To 50, Deduct</i>		-1.22	
		<i>For >50 To 100, Deduct</i>		-3.56	
		<i>For >100, Deduct</i>		-7.12	
03 15 19 00-0079	EA	1-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt		76.79	
		<i>For Galvanized, Add</i>		24.78	
		<i>For Stainless Steel, Add</i>		173.46	
		<i>For >10 To 50, Deduct</i>		-1.36	
		<i>For >50 To 100, Deduct</i>		-3.96	
		<i>For >100, Deduct</i>		-7.92	
03 15 19 00-0080	EA	1-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt		83.07	
		<i>For Galvanized, Add</i>		27.07	
		<i>For Stainless Steel, Add</i>		189.49	
		<i>For >10 To 50, Deduct</i>		-1.45	
		<i>For >50 To 100, Deduct</i>		-4.25	
		<i>For >100, Deduct</i>		-8.49	
03 15 19 00-0081	EA	1-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt		89.58	
		<i>For Galvanized, Add</i>		29.37	
		<i>For Stainless Steel, Add</i>		205.56	
		<i>For >10 To 50, Deduct</i>		-1.54	
		<i>For >50 To 100, Deduct</i>		-4.55	
		<i>For >100, Deduct</i>		-9.11	
03 15 19 00-0082	EA	1-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt		98.77	
		<i>For Galvanized, Add</i>		31.58	
		<i>For Stainless Steel, Add</i>		221.06	
		<i>For >10 To 50, Deduct</i>		-1.78	
		<i>For >50 To 100, Deduct</i>		-5.14	
		<i>For >100, Deduct</i>		-10.28	
03 15 19 00-0083	EA	1-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt		110.40	
		<i>For Galvanized, Add</i>		34.16	
		<i>For Stainless Steel, Add</i>		239.12	
		<i>For >10 To 50, Deduct</i>		-2.10	
		<i>For >50 To 100, Deduct</i>		-5.92	
		<i>For >100, Deduct</i>		-11.83	
03 15 19 00-0084	EA	1-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt		127.20	
		<i>For Galvanized, Add</i>		37.89	
		<i>For Stainless Steel, Add</i>		265.20	
		<i>For >10 To 50, Deduct</i>		-2.57	
		<i>For >50 To 100, Deduct</i>		-7.04	
		<i>For >100, Deduct</i>		-14.07	
03 15 19 00-0085	EA	1-3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt		87.75	
		<i>For Galvanized, Add</i>		32.31	
		<i>For Stainless Steel, Add</i>		226.14	
		<i>For >10 To 50, Deduct</i>		-1.16	
		<i>For >50 To 100, Deduct</i>		-3.93	
		<i>For >100, Deduct</i>		-7.86	

03 Concrete
03 10 Concrete Forming and Accessories
03 15 Concrete Accessories

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
03 15 19 00-0086	EA 1-3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	91.73	
	For Galvanized, Add	33.01	
	For Stainless Steel, Add	231.07	
	For >10 To 50, Deduct	-1.29	
	For >50 To 100, Deduct	-4.22	
	For >100, Deduct	-8.44	
03 15 19 00-0087	EA 1-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	94.31	
	For Galvanized, Add	33.54	
	For Stainless Steel, Add	234.78	
	For >10 To 50, Deduct	-1.36	
	For >50 To 100, Deduct	-4.40	
	For >100, Deduct	-8.80	
03 15 19 00-0088	EA 1-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	106.40	
	For Galvanized, Add	38.74	
	For Stainless Steel, Add	271.15	
	For >10 To 50, Deduct	-1.45	
	For >50 To 100, Deduct	-4.83	
	For >100, Deduct	-9.66	
03 15 19 00-0089	EA 1-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	122.49	
	For Galvanized, Add	44.72	
	For Stainless Steel, Add	313.01	
	For >10 To 50, Deduct	-1.65	
	For >50 To 100, Deduct	-5.54	
	For >100, Deduct	-11.08	
03 15 19 00-0090	EA 1-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	129.18	
	For Galvanized, Add	45.31	
	For Stainless Steel, Add	317.14	
	For >10 To 50, Deduct	-1.93	
	For >50 To 100, Deduct	-6.12	
	For >100, Deduct	-12.24	
03 15 19 00-0091	EA 1-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	144.14	
	For Galvanized, Add	48.93	
	For Stainless Steel, Add	342.48	
	For >10 To 50, Deduct	-2.31	
	For >50 To 100, Deduct	-7.08	
	For >100, Deduct	-14.15	
03 15 19 00-0092	EA 1-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	163.23	
	For Galvanized, Add	52.69	
	For Stainless Steel, Add	368.83	
	For >10 To 50, Deduct	-2.89	
	For >50 To 100, Deduct	-8.42	
	For >100, Deduct	-16.84	
03 15 19 00-0093	EA 2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	125.58	
	For Galvanized, Add	49.18	
	For Stainless Steel, Add	344.23	
	For >10 To 50, Deduct	-1.36	
	For >50 To 100, Deduct	-5.18	
	For >100, Deduct	-10.36	
03 15 19 00-0094	EA 2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	137.18	
	For Galvanized, Add	53.17	
	For Stainless Steel, Add	372.16	
	For >10 To 50, Deduct	-1.54	
	For >50 To 100, Deduct	-5.74	
	For >100, Deduct	-11.49	
03 15 19 00-0095	EA 2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	151.51	
	For Galvanized, Add	57.95	
	For Stainless Steel, Add	405.65	
	For >10 To 50, Deduct	-1.78	
	For >50 To 100, Deduct	-6.46	
	For >100, Deduct	-12.92	
03 15 19 00-0096	EA 2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	164.82	
	For Galvanized, Add	61.37	
	For Stainless Steel, Add	429.59	
	For >10 To 50, Deduct	-2.10	
	For >50 To 100, Deduct	-7.28	
	For >100, Deduct	-14.55	
03 15 19 00-0097	EA 2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	178.18	
	For Galvanized, Add	65.95	
	For Stainless Steel, Add	461.62	
	For >10 To 50, Deduct	-2.31	
	For >50 To 100, Deduct	-7.93	
	For >100, Deduct	-15.85	
03 15 19 00-0098	EA 2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	192.27	
	For Galvanized, Add	70.42	
	For Stainless Steel, Add	492.94	
	For >10 To 50, Deduct	-2.57	
	For >50 To 100, Deduct	-8.66	
	For >100, Deduct	-17.33	
03 15 19 00-0099	EA 2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	217.38	
	For Galvanized, Add	75.63	
	For Stainless Steel, Add	529.38	
	For >10 To 50, Deduct	-3.31	
	For >50 To 100, Deduct	-10.39	
	For >100, Deduct	-20.79	
03 15 19 00-0100	EA 2" Diameter x 66" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	232.41	
	For Galvanized, Add	83.14	
	For Stainless Steel, Add	581.98	
	For >10 To 50, Deduct	-3.31	
	For >50 To 100, Deduct	-10.77	
	For >100, Deduct	-21.54	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 15 19 00-0101	EA			2" Diameter x 72" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	261.98	
				For Galvanized, Add	92.42	
				For Stainless Steel, Add	646.94	
				For >10 To 50, Deduct	-3.86	
				For >50 To 100, Deduct	-12.34	
				For >100, Deduct	-24.67	
03 15 19 00-0102 2-1/2" And 2-3/4" Diameter <small>(03 15 19 00-0036)</small>						
03 15 19 00-0103	EA			2-1/2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	245.74	
				For Galvanized, Add	109.26	
				For Stainless Steel, Add	764.79	
				For >10 To 50, Deduct	-1.36	
				For >50 To 100, Deduct	-8.19	
				For >100, Deduct	-16.37	
03 15 19 00-0104	EA			2-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	259.25	
				For Galvanized, Add	114.20	
				For Stainless Steel, Add	799.40	
				For >10 To 50, Deduct	-1.54	
				For >50 To 100, Deduct	-8.80	
				For >100, Deduct	-17.59	
03 15 19 00-0105	EA			2-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	283.31	
				For Galvanized, Add	123.85	
				For Stainless Steel, Add	866.95	
				For >10 To 50, Deduct	-1.78	
				For >50 To 100, Deduct	-9.75	
				For >100, Deduct	-19.51	
03 15 19 00-0106	EA			2-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	303.12	
				For Galvanized, Add	130.52	
				For Stainless Steel, Add	913.64	
				For >10 To 50, Deduct	-2.10	
				For >50 To 100, Deduct	-10.73	
				For >100, Deduct	-21.47	
03 15 19 00-0107	EA			2-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	321.32	
				For Galvanized, Add	137.52	
				For Stainless Steel, Add	962.61	
				For >10 To 50, Deduct	-2.31	
				For >50 To 100, Deduct	-11.50	
				For >100, Deduct	-23.01	
03 15 19 00-0108	EA			2-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	342.14	
				For Galvanized, Add	145.36	
				For Stainless Steel, Add	1,017.49	
				For >10 To 50, Deduct	-2.57	
				For >50 To 100, Deduct	-12.41	
				For >100, Deduct	-24.82	
03 15 19 00-0109	EA			2-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	372.88	
				For Galvanized, Add	153.38	
				For Stainless Steel, Add	1,073.63	
				For >10 To 50, Deduct	-3.31	
				For >50 To 100, Deduct	-14.28	
				For >100, Deduct	-28.56	
03 15 19 00-0110	EA			2-3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	276.30	
				For Galvanized, Add	123.69	
				For Stainless Steel, Add	865.80	
				For >10 To 50, Deduct	-1.45	
				For >50 To 100, Deduct	-9.08	
				For >100, Deduct	-18.15	
03 15 19 00-0111	EA			2-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	297.67	
				For Galvanized, Add	132.31	
				For Stainless Steel, Add	926.14	
				For >10 To 50, Deduct	-1.65	
				For >50 To 100, Deduct	-9.92	
				For >100, Deduct	-19.84	
03 15 19 00-0112	EA			2-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	320.59	
				For Galvanized, Add	141.01	
				For Stainless Steel, Add	987.07	
				For >10 To 50, Deduct	-1.93	
				For >50 To 100, Deduct	-10.91	
				For >100, Deduct	-21.82	
03 15 19 00-0113	EA			2-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	343.98	
				For Galvanized, Add	148.85	
				For Stainless Steel, Add	1,041.92	
				For >10 To 50, Deduct	-2.31	
				For >50 To 100, Deduct	-12.07	
				For >100, Deduct	-24.14	
03 15 19 00-0114	EA			2-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	366.25	
				For Galvanized, Add	157.41	
				For Stainless Steel, Add	1,101.87	
				For >10 To 50, Deduct	-2.57	
				For >50 To 100, Deduct	-13.01	
				For >100, Deduct	-26.03	
03 15 19 00-0115	EA			2-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	396.98	
				For Galvanized, Add	169.57	
				For Stainless Steel, Add	1,186.96	
				For >10 To 50, Deduct	-2.89	
				For >50 To 100, Deduct	-14.26	
				For >100, Deduct	-28.53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 15 19 00-0116	EA		2-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	434.92	
			<i>For Galvanized, Add</i>		178.89
			<i>For Stainless Steel, Add</i>		1,252.23
			<i>For >10 To 50, Deduct</i>		-3.86
			<i>For >50 To 100, Deduct</i>		-16.66
			<i>For >100, Deduct</i>		-33.32

03 20 Concrete Reinforcing ⁽⁰³⁾

Note: Includes cutting or torching to size, bending where necessary and tie wires.

03 21 Reinforcement Bars ^(03 20)

Note: Includes cutting, bending, tie wire, tying, bar chairs and all non-mechanical splicing. The weights of reinforcing steel shall be used as follows: #2 - 0.167 Lbs./LF, #3 - 0.376 Lbs./LF, #4 - 0.668 Lbs./LF, #5 - 1.043 Lbs./LF, #6 - 1.502 Lbs./LF, #7 - 2.044 Lbs./LF, #8 - 2.670 Lbs./LF, #9 - 3.400 Lbs./LF, #10 - 4.303 Lbs./LF, #11 - 5.313 Lbs./LF, #14 - 7.650 Lbs./LF, #18 - 13.600 Lbs./LF.

03 21 11 Plain Steel Reinforcement Bars ^(03 21)

03 21 11 00-0001 Beams And Girders, Steel Reinforcement Bar ^(03 21 11)

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0002	LF	#3, Grade 40, Beams And Girders, Steel Reinforcement Bar.....	0.66	
		<i>For Up To 100, Add</i>		0.43
		<i>For >100 To 200, Add</i>		0.23
		<i>For >200 To 500, Add</i>		0.09
03 21 11 00-0003	LF	#4, Grade 40, Beams And Girders, Steel Reinforcement Bar.....	1.12	
		<i>For Up To 100, Add</i>		0.74
		<i>For >100 To 200, Add</i>		0.40
		<i>For >200 To 500, Add</i>		0.16
03 21 11 00-0004	LF	#5, Grade 40, Beams And Girders, Steel Reinforcement Bar.....	1.67	
		<i>For Up To 100, Add</i>		1.12
		<i>For >100 To 200, Add</i>		0.61
		<i>For >200 To 500, Add</i>		0.24
03 21 11 00-0005	LF	#6, Grade 40, Beams And Girders, Steel Reinforcement Bar.....	2.31	
		<i>For Up To 100, Add</i>		1.58
		<i>For >100 To 200, Add</i>		0.85
		<i>For >200 To 500, Add</i>		0.34
03 21 11 00-0006	LF	#3, Grade 50, Beams And Girders, Steel Reinforcement Bar.....	0.68	
		<i>For Up To 100, Add</i>		0.45
		<i>For >100 To 200, Add</i>		0.24
		<i>For >200 To 500, Add</i>		0.10
03 21 11 00-0007	LF	#4, Grade 50, Beams And Girders, Steel Reinforcement Bar.....	1.14	
		<i>For Up To 100, Add</i>		0.76
		<i>For >100 To 200, Add</i>		0.41
		<i>For >200 To 500, Add</i>		0.17
03 21 11 00-0008	LF	#5, Grade 50, Beams And Girders, Steel Reinforcement Bar.....	1.71	
		<i>For Up To 100, Add</i>		1.16
		<i>For >100 To 200, Add</i>		0.63
		<i>For >200 To 500, Add</i>		0.25
03 21 11 00-0009	LF	#6, Grade 50, Beams And Girders, Steel Reinforcement Bar.....	2.36	
		<i>For Up To 100, Add</i>		1.63
		<i>For >100 To 200, Add</i>		0.88
		<i>For >200 To 500, Add</i>		0.35
03 21 11 00-0010	LF	#3, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	0.70	
		<i>For Up To 100, Add</i>		0.47
		<i>For >100 To 200, Add</i>		0.25
		<i>For >200 To 500, Add</i>		0.10
03 21 11 00-0011	LF	#4, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	1.18	
		<i>For Up To 100, Add</i>		0.80
		<i>For >100 To 200, Add</i>		0.43
		<i>For >200 To 500, Add</i>		0.17
03 21 11 00-0012	LF	#5, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	1.77	
		<i>For Up To 100, Add</i>		1.22
		<i>For >100 To 200, Add</i>		0.66
		<i>For >200 To 500, Add</i>		0.26
03 21 11 00-0013	LF	#6, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	2.45	
		<i>For Up To 100, Add</i>		1.72
		<i>For >100 To 200, Add</i>		0.92
		<i>For >200 To 500, Add</i>		0.37
03 21 11 00-0014	LF	#7, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	3.18	
		<i>For Up To 100, Add</i>		1.79
		<i>For >100 To 200, Add</i>		1.05
		<i>For >200 To 400, Add</i>		0.49
03 21 11 00-0015	LF	#8, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	3.96	
		<i>For Up To 100, Add</i>		2.27
		<i>For >100 To 200, Add</i>		1.32
		<i>For >200 To 400, Add</i>		0.62
03 21 11 00-0016	LF	#9, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	4.86	
		<i>For Up To 100, Add</i>		2.82
		<i>For >100 To 200, Add</i>		1.64
		<i>For >200 To 400, Add</i>		0.77
03 21 11 00-0017	LF	#10, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	5.93	
		<i>For Up To 100, Add</i>		2.84
		<i>For >100 To 200, Add</i>		1.54
		<i>For >200 To 300, Add</i>		0.77
03 21 11 00-0018	LF	#11, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	7.05	
		<i>For Up To 100, Add</i>		3.43
		<i>For >100 To 200, Add</i>		1.85
		<i>For >200 To 300, Add</i>		0.92

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST

03 21 11 00-0019	LF	#14, Grade 60, Beams And Girders, Steel Reinforcement Bar			9.76	
		<i>For Up To 100, Add</i>			4.82	
		<i>For >100 To 200, Add</i>			2.58	
		<i>For >200 To 300, Add</i>			1.29	
03 21 11 00-0020	LF	#18, Grade 60, Beams And Girders, Steel Reinforcement Bar			16.68	
		<i>For Up To 100, Add</i>			8.36	
		<i>For >100 To 200, Add</i>			4.46	
		<i>For >200 To 300, Add</i>			2.23	
03 21 11 00-0021	LF	#6, Grade 75, Beams And Girders, Steel Reinforcement Bar			2.53	
		<i>For Up To 100, Add</i>			1.80	
		<i>For >100 To 200, Add</i>			0.96	
		<i>For >200 To 500, Add</i>			0.39	
03 21 11 00-0022	LF	#7, Grade 75, Beams And Girders, Steel Reinforcement Bar			3.29	
		<i>For Up To 100, Add</i>			1.87	
		<i>For >100 To 200, Add</i>			1.09	
		<i>For >200 To 400, Add</i>			0.51	
03 21 11 00-0023	LF	#8, Grade 75, Beams And Girders, Steel Reinforcement Bar			4.10	
		<i>For Up To 100, Add</i>			2.37	
		<i>For >100 To 200, Add</i>			1.38	
		<i>For >200 To 400, Add</i>			0.64	
03 21 11 00-0024	LF	#9, Grade 75, Beams And Girders, Steel Reinforcement Bar			5.04	
		<i>For Up To 100, Add</i>			2.96	
		<i>For >100 To 200, Add</i>			1.71	
		<i>For >200 To 400, Add</i>			0.80	
03 21 11 00-0025	LF	#10, Grade 75, Beams And Girders, Steel Reinforcement Bar			6.17	
		<i>For Up To 100, Add</i>			2.99	
		<i>For >100 To 200, Add</i>			1.61	
		<i>For >200 To 300, Add</i>			0.81	
03 21 11 00-0026	LF	#11, Grade 75, Beams And Girders, Steel Reinforcement Bar			7.34	
		<i>For Up To 100, Add</i>			3.60	
		<i>For >100 To 200, Add</i>			1.93	
		<i>For >200 To 300, Add</i>			0.97	
03 21 11 00-0027	LF	#14, Grade 75, Beams And Girders, Steel Reinforcement Bar			10.18	
		<i>For Up To 100, Add</i>			5.07	
		<i>For >100 To 200, Add</i>			2.71	
		<i>For >200 To 300, Add</i>			1.35	
03 21 11 00-0028	LF	#18, Grade 75, Beams And Girders, Steel Reinforcement Bar			17.42	
		<i>For Up To 100, Add</i>			8.81	
		<i>For >100 To 200, Add</i>			4.68	
		<i>For >200 To 300, Add</i>			2.34	
03 21 11 00-0029	LF	#3, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar			0.71	
		<i>For Up To 100, Add</i>			0.48	
		<i>For >100 To 200, Add</i>			0.26	
		<i>For >200 To 500, Add</i>			0.10	
03 21 11 00-0030	LF	#4, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar			1.21	
		<i>For Up To 100, Add</i>			0.83	
		<i>For >100 To 200, Add</i>			0.45	
		<i>For >200 To 500, Add</i>			0.18	
03 21 11 00-0031	LF	#5, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar			1.81	
		<i>For Up To 100, Add</i>			1.26	
		<i>For >100 To 200, Add</i>			0.68	
		<i>For >200 To 500, Add</i>			0.27	
03 21 11 00-0032	LF	#6, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar			2.51	
		<i>For Up To 100, Add</i>			1.78	
		<i>For >100 To 200, Add</i>			0.95	
		<i>For >200 To 500, Add</i>			0.38	
03 21 11 00-0033	LF	#7, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar			3.27	
		<i>For Up To 100, Add</i>			1.85	
		<i>For >100 To 200, Add</i>			1.08	
		<i>For >200 To 400, Add</i>			0.50	
03 21 11 00-0034	LF	#8, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar			4.07	
		<i>For Up To 100, Add</i>			2.35	
		<i>For >100 To 200, Add</i>			1.36	
		<i>For >200 To 400, Add</i>			0.64	
03 21 11 00-0035	LF	#9, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar			5.00	
		<i>For Up To 100, Add</i>			2.93	
		<i>For >100 To 200, Add</i>			1.69	
		<i>For >200 To 400, Add</i>			0.79	
03 21 11 00-0036	LF	#10, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar			6.11	
		<i>For Up To 100, Add</i>			2.95	
		<i>For >100 To 200, Add</i>			1.59	
		<i>For >200 To 300, Add</i>			0.80	
03 21 11 00-0037	LF	#11, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar			7.27	
		<i>For Up To 100, Add</i>			3.56	
		<i>For >100 To 200, Add</i>			1.91	
		<i>For >200 To 300, Add</i>			0.96	
03 21 11 00-0038	LF	#14, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar			10.08	
		<i>For Up To 100, Add</i>			5.01	
		<i>For >100 To 200, Add</i>			2.68	
		<i>For >200 To 300, Add</i>			1.34	
03 21 11 00-0039	LF	#18, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar			17.24	
		<i>For Up To 100, Add</i>			8.70	
		<i>For >100 To 200, Add</i>			4.62	
		<i>For >200 To 300, Add</i>			2.31	

03 21 11 00-0040 Columns, Steel Reinforcement Bar (03 21 11)
 Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 Concrete
03 20 Concrete Reinforcing
03 21 Reinforcement Bars

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 21 11 00-0041	LF #3, Grade 40, Columns, Steel Reinforcement Bar.....	0.69	
	For Up To 100, Add	0.44	
	For >100 To 200, Add	0.24	
	For >200 To 500, Add	0.10	
03 21 11 00-0042	LF #4, Grade 40, Columns, Steel Reinforcement Bar.....	1.19	
	For Up To 100, Add	0.77	
	For >100 To 200, Add	0.42	
	For >200 To 500, Add	0.17	
03 21 11 00-0043	LF #5, Grade 40, Columns, Steel Reinforcement Bar.....	1.76	
	For Up To 100, Add	1.16	
	For >100 To 200, Add	0.63	
	For >200 To 500, Add	0.25	
03 21 11 00-0044	LF #6, Grade 40, Columns, Steel Reinforcement Bar.....	2.44	
	For Up To 100, Add	1.64	
	For >100 To 200, Add	0.89	
	For >200 To 500, Add	0.35	
03 21 11 00-0045	LF #3, Grade 50, Columns, Steel Reinforcement Bar.....	0.71	
	For Up To 100, Add	0.46	
	For >100 To 200, Add	0.25	
	For >200 To 500, Add	0.10	
03 21 11 00-0046	LF #4, Grade 50, Columns, Steel Reinforcement Bar.....	1.21	
	For Up To 100, Add	0.79	
	For >100 To 200, Add	0.43	
	For >200 To 500, Add	0.17	
03 21 11 00-0047	LF #5, Grade 50, Columns, Steel Reinforcement Bar.....	1.80	
	For Up To 100, Add	1.20	
	For >100 To 200, Add	0.65	
	For >200 To 500, Add	0.26	
03 21 11 00-0048	LF #6, Grade 50, Columns, Steel Reinforcement Bar.....	2.49	
	For Up To 100, Add	1.69	
	For >100 To 200, Add	0.91	
	For >200 To 500, Add	0.36	
03 21 11 00-0049	LF #3, Grade 60, Columns, Steel Reinforcement Bar.....	0.73	
	For Up To 100, Add	0.48	
	For >100 To 200, Add	0.26	
	For >200 To 500, Add	0.10	
03 21 11 00-0050	LF #4, Grade 60, Columns, Steel Reinforcement Bar.....	1.25	
	For Up To 100, Add	0.83	
	For >100 To 200, Add	0.45	
	For >200 To 500, Add	0.18	
03 21 11 00-0051	LF #5, Grade 60, Columns, Steel Reinforcement Bar.....	1.86	
	For Up To 100, Add	1.26	
	For >100 To 200, Add	0.68	
	For >200 To 500, Add	0.27	
03 21 11 00-0052	LF #6, Grade 60, Columns, Steel Reinforcement Bar.....	2.58	
	For Up To 100, Add	1.78	
	For >100 To 200, Add	0.96	
	For >200 To 500, Add	0.38	
03 21 11 00-0053	LF #7, Grade 60, Columns, Steel Reinforcement Bar.....	3.33	
	For Up To 100, Add	1.84	
	For >100 To 200, Add	1.08	
	For >200 To 400, Add	0.50	
03 21 11 00-0054	LF #8, Grade 60, Columns, Steel Reinforcement Bar.....	4.13	
	For Up To 100, Add	2.33	
	For >100 To 200, Add	1.36	
	For >200 To 400, Add	0.63	
03 21 11 00-0055	LF #9, Grade 60, Columns, Steel Reinforcement Bar.....	5.06	
	For Up To 100, Add	2.89	
	For >100 To 200, Add	1.69	
	For >200 To 400, Add	0.79	
03 21 11 00-0056	LF #10, Grade 60, Columns, Steel Reinforcement Bar.....	6.16	
	For Up To 100, Add	2.91	
	For >100 To 200, Add	1.59	
	For >200 To 300, Add	0.79	
03 21 11 00-0057	LF #11, Grade 60, Columns, Steel Reinforcement Bar.....	7.31	
	For Up To 100, Add	3.50	
	For >100 To 200, Add	1.90	
	For >200 To 300, Add	0.95	
03 21 11 00-0058	LF #14, Grade 60, Columns, Steel Reinforcement Bar.....	10.12	
	For Up To 100, Add	4.92	
	For >100 To 200, Add	2.65	
	For >200 To 300, Add	1.33	
03 21 11 00-0059	LF #18, Grade 60, Columns, Steel Reinforcement Bar.....	17.23	
	For Up To 100, Add	8.53	
	For >100 To 200, Add	4.57	
	For >200 To 300, Add	2.28	
03 21 11 00-0060	LF #6, Grade 75, Columns, Steel Reinforcement Bar.....	2.66	
	For Up To 100, Add	1.86	
	For >100 To 200, Add	1.00	
	For >200 To 500, Add	0.40	
03 21 11 00-0061	LF #7, Grade 75, Columns, Steel Reinforcement Bar.....	3.44	
	For Up To 100, Add	1.92	
	For >100 To 200, Add	1.13	
	For >200 To 400, Add	0.52	
03 21 11 00-0062	LF #8, Grade 75, Columns, Steel Reinforcement Bar.....	4.27	
	For Up To 100, Add	2.43	
	For >100 To 200, Add	1.42	
	For >200 To 400, Add	0.66	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST

03 21 11 00-0063	LF	#9, Grade 75, Columns, Steel Reinforcement Bar		5.24		
		For Up To 100, Add		3.03		
		For >100 To 200, Add		1.76		
		For >200 To 400, Add		0.82		
03 21 11 00-0064	LF	#10, Grade 75, Columns, Steel Reinforcement Bar		6.40		
		For Up To 100, Add		3.05		
		For >100 To 200, Add		1.66		
		For >200 To 300, Add		0.83		
03 21 11 00-0065	LF	#11, Grade 75, Columns, Steel Reinforcement Bar		7.60		
		For Up To 100, Add		3.68		
		For >100 To 200, Add		1.99		
		For >200 To 300, Add		0.99		
03 21 11 00-0066	LF	#14, Grade 75, Columns, Steel Reinforcement Bar		10.54		
		For Up To 100, Add		5.18		
		For >100 To 200, Add		2.78		
		For >200 To 300, Add		1.39		
03 21 11 00-0067	LF	#18, Grade 75, Columns, Steel Reinforcement Bar		17.97		
		For Up To 100, Add		8.97		
		For >100 To 200, Add		4.79		
		For >200 To 300, Add		2.39		
03 21 11 00-0068	LF	#3, Grade 60, Columns, Low Alloy Steel Reinforcement Bar		0.74		
		For Up To 100, Add		0.49		
		For >100 To 200, Add		0.27		
		For >200 To 500, Add		0.11		
03 21 11 00-0069	LF	#4, Grade 60, Columns, Low Alloy Steel Reinforcement Bar		1.28		
		For Up To 100, Add		0.86		
		For >100 To 200, Add		0.47		
		For >200 To 500, Add		0.19		
03 21 11 00-0070	LF	#5, Grade 60, Columns, Low Alloy Steel Reinforcement Bar		1.90		
		For Up To 100, Add		1.30		
		For >100 To 200, Add		0.70		
		For >200 To 500, Add		0.28		
03 21 11 00-0071	LF	#6, Grade 60, Columns, Low Alloy Steel Reinforcement Bar		2.64		
		For Up To 100, Add		1.84		
		For >100 To 200, Add		0.99		
		For >200 To 500, Add		0.39		
03 21 11 00-0072	LF	#7, Grade 60, Columns, Low Alloy Steel Reinforcement Bar		3.42		
		For Up To 100, Add		1.91		
		For >100 To 200, Add		1.12		
		For >200 To 400, Add		0.52		
03 21 11 00-0073	LF	#8, Grade 60, Columns, Low Alloy Steel Reinforcement Bar		4.24		
		For Up To 100, Add		2.41		
		For >100 To 200, Add		1.41		
		For >200 To 400, Add		0.66		
03 21 11 00-0074	LF	#9, Grade 60, Columns, Low Alloy Steel Reinforcement Bar		5.20		
		For Up To 100, Add		3.00		
		For >100 To 200, Add		1.74		
		For >200 To 400, Add		0.81		
03 21 11 00-0075	LF	#10, Grade 60, Columns, Low Alloy Steel Reinforcement Bar		6.34		
		For Up To 100, Add		3.02		
		For >100 To 200, Add		1.64		
		For >200 To 300, Add		0.82		
03 21 11 00-0076	LF	#11, Grade 60, Columns, Low Alloy Steel Reinforcement Bar		7.53		
		For Up To 100, Add		3.64		
		For >100 To 200, Add		1.97		
		For >200 To 300, Add		0.98		
03 21 11 00-0077	LF	#14, Grade 60, Columns, Low Alloy Steel Reinforcement Bar		10.44		
		For Up To 100, Add		5.12		
		For >100 To 200, Add		2.75		
		For >200 To 300, Add		1.37		
03 21 11 00-0078	LF	#18, Grade 60, Columns, Low Alloy Steel Reinforcement Bar		17.79		
		For Up To 100, Add		8.86		
		For >100 To 200, Add		4.73		
		For >200 To 300, Add		2.37		

03 21 11 00-0079 Footings, Steel Reinforcement Bar (03 21 11)

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0080	LF	#3, Grade 40, Footings, Steel Reinforcement Bar		0.60		
		For Up To 100, Add		0.40		
		For >100 To 200, Add		0.22		
		For >200 To 500, Add		0.09		
03 21 11 00-0081	LF	#4, Grade 40, Footings, Steel Reinforcement Bar		1.03		
		For Up To 100, Add		0.71		
		For >100 To 200, Add		0.38		
		For >200 To 500, Add		0.15		
03 21 11 00-0082	LF	#5, Grade 40, Footings, Steel Reinforcement Bar		1.54		
		For Up To 100, Add		1.07		
		For >100 To 200, Add		0.58		
		For >200 To 500, Add		0.23		
03 21 11 00-0083	LF	#6, Grade 40, Footings, Steel Reinforcement Bar		2.13		
		For Up To 100, Add		1.51		
		For >100 To 200, Add		0.81		
		For >200 To 500, Add		0.32		
03 21 11 00-0084	LF	#3, Grade 50, Footings, Steel Reinforcement Bar		0.62		
		For Up To 100, Add		0.42		
		For >100 To 200, Add		0.23		
		For >200 To 500, Add		0.09		

03 Concrete
03 20 Concrete Reinforcing
03 21 Reinforcement Bars

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
03 21 11 00-0085	LF #4, Grade 50, Footings, Steel Reinforcement Bar	1.05	
	For Up To 100, Add	0.73	
	For >100 To 200, Add	0.39	
	For >200 To 500, Add	0.16	
03 21 11 00-0086	LF #5, Grade 50, Footings, Steel Reinforcement Bar	1.58	
	For Up To 100, Add	1.11	
	For >100 To 200, Add	0.60	
	For >200 To 500, Add	0.24	
03 21 11 00-0087	LF #6, Grade 50, Footings, Steel Reinforcement Bar	2.18	
	For Up To 100, Add	1.56	
	For >100 To 200, Add	0.83	
	For >200 To 500, Add	0.33	
03 21 11 00-0088	LF #3, Grade 60, Footings, Steel Reinforcement Bar	0.64	
	For Up To 100, Add	0.44	
	For >100 To 200, Add	0.24	
	For >200 To 500, Add	0.10	
03 21 11 00-0089	LF #4, Grade 60, Footings, Steel Reinforcement Bar	1.09	
	For Up To 100, Add	0.77	
	For >100 To 200, Add	0.41	
	For >200 To 500, Add	0.16	
03 21 11 00-0090	LF #5, Grade 60, Footings, Steel Reinforcement Bar	1.64	
	For Up To 100, Add	1.17	
	For >100 To 200, Add	0.63	
	For >200 To 500, Add	0.25	
03 21 11 00-0091	LF #6, Grade 60, Footings, Steel Reinforcement Bar	2.27	
	For Up To 100, Add	1.65	
	For >100 To 200, Add	0.88	
	For >200 To 500, Add	0.35	
03 21 11 00-0092	LF #7, Grade 60, Footings, Steel Reinforcement Bar	2.96	
	For Up To 100, Add	1.71	
	For >100 To 200, Add	0.99	
	For >200 To 400, Add	0.46	
03 21 11 00-0093	LF #8, Grade 60, Footings, Steel Reinforcement Bar	3.70	
	For Up To 100, Add	2.18	
	For >100 To 200, Add	1.26	
	For >200 To 400, Add	0.59	
03 21 11 00-0094	LF #9, Grade 60, Footings, Steel Reinforcement Bar	4.55	
	For Up To 100, Add	2.71	
	For >100 To 200, Add	1.56	
	For >200 To 400, Add	0.74	
03 21 11 00-0095	LF #10, Grade 60, Footings, Steel Reinforcement Bar	5.57	
	For Up To 100, Add	3.37	
	For >100 To 200, Add	1.92	
	For >200 To 400, Add	0.91	
	For Up To 100, Add	2.73	
	For >100 To 200, Add	1.47	
	For >200 To 300, Add	0.73	
03 21 11 00-0096	LF #11, Grade 60, Footings, Steel Reinforcement Bar	6.65	
	For Up To 100, Add	4.08	
	For >100 To 200, Add	2.32	
	For >200 To 400, Add	1.10	
	For Up To 100, Add	3.31	
	For >100 To 200, Add	1.77	
	For >200 To 300, Add	0.88	
03 21 11 00-0097	LF #14, Grade 60, Footings, Steel Reinforcement Bar	9.24	
	For Up To 100, Add	5.75	
	For >100 To 200, Add	3.25	
	For >200 To 400, Add	1.55	
	For Up To 100, Add	4.66	
	For >100 To 200, Add	2.48	
	For >200 To 300, Add	1.24	
03 21 11 00-0098	LF #18, Grade 60, Footings, Steel Reinforcement Bar	15.85	
	For Up To 100, Add	10.02	
	For >100 To 200, Add	5.64	
	For >200 To 400, Add	2.70	
	For Up To 100, Add	8.11	
	For >100 To 200, Add	4.29	
	For >200 To 300, Add	2.14	
03 21 11 00-0099	LF #6, Grade 75, Footings, Steel Reinforcement Bar	2.35	
	For Up To 100, Add	1.73	
	For >100 To 200, Add	0.92	
	For >200 To 500, Add	0.37	
	For Up To 100, Add	1.35	
	For >100 To 200, Add	0.79	
	For >200 To 400, Add	0.37	
03 21 11 00-0100	LF #7, Grade 75, Footings, Steel Reinforcement Bar	3.07	
	For Up To 100, Add	1.79	
	For >100 To 200, Add	1.04	
	For >200 To 400, Add	0.49	
03 21 11 00-0101	LF #8, Grade 75, Footings, Steel Reinforcement Bar	3.84	
	For Up To 100, Add	2.28	
	For >100 To 200, Add	1.31	
	For >200 To 400, Add	0.62	
03 21 11 00-0102	LF #9, Grade 75, Footings, Steel Reinforcement Bar	4.73	
	For Up To 100, Add	2.85	
	For >100 To 200, Add	1.63	
	For >200 To 400, Add	0.77	
03 21 11 00-0103	LF #10, Grade 75, Footings, Steel Reinforcement Bar	5.81	
	For Up To 100, Add	2.88	
	For >100 To 200, Add	1.54	
	For >200 To 300, Add	0.77	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST

03 21 11 00-0104	LF	#11, Grade 75, Footings, Steel Reinforcement Bar		6.94		
		For Up To 100, Add		3.48		
		For >100 To 200, Add		1.85		
		For >200 To 300, Add		0.93		
03 21 11 00-0105	LF	#14, Grade 75, Footings, Steel Reinforcement Bar		9.66		
		For Up To 100, Add		4.91		
		For >100 To 200, Add		2.60		
		For >200 To 300, Add		1.30		
03 21 11 00-0106	LF	#18, Grade 75, Footings, Steel Reinforcement Bar		16.59		
		For Up To 100, Add		8.56		
		For >100 To 200, Add		4.51		
		For >200 To 300, Add		2.26		
03 21 11 00-0107	LF	#3, Grade 60, Footings, Low Alloy Steel Reinforcement Bar		0.65		
		For Up To 100, Add		0.45		
		For >100 To 200, Add		0.24		
		For >200 To 500, Add		0.10		
03 21 11 00-0108	LF	#4, Grade 60, Footings, Low Alloy Steel Reinforcement Bar		1.12		
		For Up To 100, Add		0.80		
		For >100 To 200, Add		0.43		
		For >200 To 500, Add		0.17		
03 21 11 00-0109	LF	#5, Grade 60, Footings, Low Alloy Steel Reinforcement Bar		1.68		
		For Up To 100, Add		1.21		
		For >100 To 200, Add		0.65		
		For >200 To 500, Add		0.26		
03 21 11 00-0110	LF	#6, Grade 60, Footings, Low Alloy Steel Reinforcement Bar		2.33		
		For Up To 100, Add		1.71		
		For >100 To 200, Add		0.91		
		For >200 To 500, Add		0.36		
03 21 11 00-0111	LF	#7, Grade 60, Footings, Low Alloy Steel Reinforcement Bar		3.05		
		For Up To 100, Add		1.78		
		For >100 To 200, Add		1.03		
		For >200 To 400, Add		0.48		
03 21 11 00-0112	LF	#8, Grade 60, Footings, Low Alloy Steel Reinforcement Bar		3.81		
		For Up To 100, Add		2.26		
		For >100 To 200, Add		1.30		
		For >200 To 400, Add		0.61		
03 21 11 00-0113	LF	#9, Grade 60, Footings, Low Alloy Steel Reinforcement Bar		4.69		
		For Up To 100, Add		2.82		
		For >100 To 200, Add		1.61		
		For >200 To 400, Add		0.76		
03 21 11 00-0114	LF	#10, Grade 60, Footings, Low Alloy Steel Reinforcement Bar		5.75		
		For Up To 100, Add		2.84		
		For >100 To 200, Add		1.52		
		For >200 To 300, Add		0.76		
03 21 11 00-0115	LF	#11, Grade 60, Footings, Low Alloy Steel Reinforcement Bar		6.87		
		For Up To 100, Add		3.44		
		For >100 To 200, Add		1.83		
		For >200 To 300, Add		0.92		
03 21 11 00-0116	LF	#14, Grade 60, Footings, Low Alloy Steel Reinforcement Bar		9.56		
		For Up To 100, Add		4.85		
		For >100 To 200, Add		2.57		
		For >200 To 300, Add		1.29		
03 21 11 00-0117	LF	#18, Grade 60, Footings, Low Alloy Steel Reinforcement Bar		16.41		
		For Up To 100, Add		8.45		
		For >100 To 200, Add		4.46		
		For >200 To 300, Add		2.23		
03 21 11 00-0118		Slab On Grade, Steel Reinforcement Bar <small>(03 21 11)</small>				
		Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.				
03 21 11 00-0119	LF	#3, Grade 40, Slab On Grade, Steel Reinforcement Bar		0.58		
		For Up To 100, Add		0.39		
		For >100 To 200, Add		0.21		
		For >200 To 500, Add		0.09		
03 21 11 00-0120	LF	#4, Grade 40, Slab On Grade, Steel Reinforcement Bar		1.00		
		For Up To 100, Add		0.69		
		For >100 To 200, Add		0.37		
		For >200 To 500, Add		0.15		
03 21 11 00-0121	LF	#5, Grade 40, Slab On Grade, Steel Reinforcement Bar		1.49		
		For Up To 100, Add		1.05		
		For >100 To 200, Add		0.56		
		For >200 To 500, Add		0.23		
03 21 11 00-0122	LF	#6, Grade 40, Slab On Grade, Steel Reinforcement Bar		2.06		
		For Up To 100, Add		1.48		
		For >100 To 200, Add		0.79		
		For >200 To 500, Add		0.32		
03 21 11 00-0123	LF	#3, Grade 50, Slab On Grade, Steel Reinforcement Bar		0.60		
		For Up To 100, Add		0.41		
		For >100 To 200, Add		0.22		
		For >200 To 500, Add		0.09		
03 21 11 00-0124	LF	#4, Grade 50, Slab On Grade, Steel Reinforcement Bar		1.02		
		For Up To 100, Add		0.71		
		For >100 To 200, Add		0.38		
		For >200 To 500, Add		0.15		
03 21 11 00-0125	LF	#5, Grade 50, Slab On Grade, Steel Reinforcement Bar		1.53		
		For Up To 100, Add		1.09		
		For >100 To 200, Add		0.58		
		For >200 To 500, Add		0.23		

03 Concrete
03 20 Concrete Reinforcing
03 21 Reinforcement Bars

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0126	LF	#6, Grade 50, Slab On Grade, Steel Reinforcement Bar	.....	2.11	
		For Up To 100, Add		1.53	
		For >100 To 200, Add		0.82	
		For >200 To 500, Add		0.33	
03 21 11 00-0127	LF	#3, Grade 60, Slab On Grade, Steel Reinforcement Bar	.....	0.62	
		For Up To 100, Add		0.43	
		For >100 To 200, Add		0.23	
		For >200 To 500, Add		0.09	
03 21 11 00-0128	LF	#4, Grade 60, Slab On Grade, Steel Reinforcement Bar	.....	1.06	
		For Up To 100, Add		0.75	
		For >100 To 200, Add		0.40	
		For >200 To 500, Add		0.16	
03 21 11 00-0129	LF	#5, Grade 60, Slab On Grade, Steel Reinforcement Bar	.....	1.59	
		For Up To 100, Add		1.15	
		For >100 To 200, Add		0.61	
		For >200 To 500, Add		0.25	
03 21 11 00-0130	LF	#6, Grade 60, Slab On Grade, Steel Reinforcement Bar	.....	2.20	
		For Up To 100, Add		1.62	
		For >100 To 200, Add		0.86	
		For >200 To 500, Add		0.34	
03 21 11 00-0131	LF	#7, Grade 60, Slab On Grade, Steel Reinforcement Bar	.....	2.89	
		For Up To 100, Add		1.68	
		For >100 To 200, Add		0.97	
		For >200 To 400, Add		0.46	
03 21 11 00-0132	LF	#8, Grade 60, Slab On Grade, Steel Reinforcement Bar	.....	3.61	
		For Up To 100, Add		2.14	
		For >100 To 200, Add		1.23	
		For >200 To 400, Add		0.58	
03 21 11 00-0133	LF	#9, Grade 60, Slab On Grade, Steel Reinforcement Bar	.....	4.45	
		For Up To 100, Add		2.68	
		For >100 To 200, Add		1.53	
		For >200 To 400, Add		0.73	
03 21 11 00-0134	LF	#10, Grade 60, Slab On Grade, Steel Reinforcement Bar	.....	5.45	
		For Up To 100, Add		2.70	
		For >100 To 200, Add		1.44	
		For >200 To 300, Add		0.72	
03 21 11 00-0135	LF	#11, Grade 60, Slab On Grade, Steel Reinforcement Bar	.....	6.52	
		For Up To 100, Add		3.27	
		For >100 To 200, Add		1.74	
		For >200 To 300, Add		0.87	
03 21 11 00-0136	LF	#14, Grade 60, Slab On Grade, Steel Reinforcement Bar	.....	9.06	
		For Up To 100, Add		4.61	
		For >100 To 200, Add		2.44	
		For >200 To 300, Add		1.22	
03 21 11 00-0137	LF	#18, Grade 60, Slab On Grade, Steel Reinforcement Bar	.....	15.58	
		For Up To 100, Add		8.03	
		For >100 To 200, Add		4.24	
		For >200 To 300, Add		2.12	
03 21 11 00-0138	LF	#6, Grade 75, Slab On Grade, Steel Reinforcement Bar	.....	2.28	
		For Up To 100, Add		1.70	
		For >100 To 200, Add		0.90	
		For >200 To 500, Add		0.36	
03 21 11 00-0139	LF	#7, Grade 75, Slab On Grade, Steel Reinforcement Bar	.....	3.00	
		For Up To 100, Add		1.77	
		For >100 To 200, Add		1.02	
		For >200 To 400, Add		0.48	
03 21 11 00-0140	LF	#8, Grade 75, Slab On Grade, Steel Reinforcement Bar	.....	3.75	
		For Up To 100, Add		2.25	
		For >100 To 200, Add		1.29	
		For >200 To 400, Add		0.61	
03 21 11 00-0141	LF	#9, Grade 75, Slab On Grade, Steel Reinforcement Bar	.....	4.63	
		For Up To 100, Add		2.81	
		For >100 To 200, Add		1.60	
		For >200 To 400, Add		0.76	
03 21 11 00-0142	LF	#10, Grade 75, Slab On Grade, Steel Reinforcement Bar	.....	5.69	
		For Up To 100, Add		2.84	
		For >100 To 200, Add		1.52	
		For >200 To 300, Add		0.76	
03 21 11 00-0143	LF	#11, Grade 75, Slab On Grade, Steel Reinforcement Bar	.....	6.81	
		For Up To 100, Add		3.44	
		For >100 To 200, Add		1.83	
		For >200 To 300, Add		0.91	
03 21 11 00-0144	LF	#14, Grade 75, Slab On Grade, Steel Reinforcement Bar	.....	9.48	
		For Up To 100, Add		4.86	
		For >100 To 200, Add		2.57	
		For >200 To 300, Add		1.28	
03 21 11 00-0145	LF	#18, Grade 75, Slab On Grade, Steel Reinforcement Bar	.....	16.32	
		For Up To 100, Add		8.48	
		For >100 To 200, Add		4.46	
		For >200 To 300, Add		2.23	
03 21 11 00-0146	LF	#3, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	.....	0.63	
		For Up To 100, Add		0.44	
		For >100 To 200, Add		0.24	
		For >200 To 500, Add		0.10	
03 21 11 00-0147	LF	#4, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	.....	1.09	
		For Up To 100, Add		0.78	
		For >100 To 200, Add		0.42	
		For >200 To 500, Add		0.17	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 21 11 00-0148	LF	#5, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar.....	1.63		
		For Up To 100, Add	1.19		
		For >100 To 200, Add	0.63		
		For >200 To 500, Add	0.25		
03 21 11 00-0149	LF	#6, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar.....	2.26		
		For Up To 100, Add	1.68		
		For >100 To 200, Add	0.89		
		For >200 To 500, Add	0.36		
03 21 11 00-0150	LF	#7, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar.....	2.98		
		For Up To 100, Add	1.75		
		For >100 To 200, Add	1.01		
		For >200 To 400, Add	0.48		
03 21 11 00-0151	LF	#8, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar.....	3.72		
		For Up To 100, Add	2.23		
		For >100 To 200, Add	1.28		
		For >200 To 400, Add	0.60		
03 21 11 00-0152	LF	#9, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar.....	4.59		
		For Up To 100, Add	2.78		
		For >100 To 200, Add	1.59		
		For >200 To 400, Add	0.75		
03 21 11 00-0153	LF	#10, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar.....	5.63		
		For Up To 100, Add	2.81		
		For >100 To 200, Add	1.50		
		For >200 To 300, Add	0.75		
03 21 11 00-0154	LF	#11, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar.....	6.74		
		For Up To 100, Add	3.40		
		For >100 To 200, Add	1.81		
		For >200 To 300, Add	0.90		
03 21 11 00-0155	LF	#14, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar.....	9.38		
		For Up To 100, Add	4.80		
		For >100 To 200, Add	2.54		
		For >200 To 300, Add	1.27		
03 21 11 00-0156	LF	#18, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar.....	16.14		
		For Up To 100, Add	8.37		
		For >100 To 200, Add	4.40		
		For >200 To 300, Add	2.20		

03 21 11 00-0157 Elevated Slabs, Steel Reinforcement Bar (03 21 11)

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0158	LF	#3, Grade 40, Elevated Slabs, Steel Reinforcement Bar.....	0.54		
		For Up To 100, Add	0.38		
		For >100 To 200, Add	0.20		
		For >200 To 500, Add	0.08		
03 21 11 00-0159	LF	#4, Grade 40, Elevated Slabs, Steel Reinforcement Bar.....	0.93		
		For Up To 100, Add	0.67		
		For >100 To 200, Add	0.36		
		For >200 To 500, Add	0.14		
03 21 11 00-0160	LF	#5, Grade 40, Elevated Slabs, Steel Reinforcement Bar.....	1.40		
		For Up To 100, Add	1.02		
		For >100 To 200, Add	0.54		
		For >200 To 500, Add	0.22		
03 21 11 00-0161	LF	#6, Grade 40, Elevated Slabs, Steel Reinforcement Bar.....	1.94		
		For Up To 100, Add	1.44		
		For >100 To 200, Add	0.76		
		For >200 To 500, Add	0.30		
03 21 11 00-0162	LF	#3, Grade 50, Elevated Slabs, Steel Reinforcement Bar.....	0.56		
		For Up To 100, Add	0.40		
		For >100 To 200, Add	0.21		
		For >200 To 500, Add	0.09		
03 21 11 00-0163	LF	#4, Grade 50, Elevated Slabs, Steel Reinforcement Bar.....	0.95		
		For Up To 100, Add	0.69		
		For >100 To 200, Add	0.37		
		For >200 To 500, Add	0.15		
03 21 11 00-0164	LF	#5, Grade 50, Elevated Slabs, Steel Reinforcement Bar.....	1.44		
		For Up To 100, Add	1.06		
		For >100 To 200, Add	0.56		
		For >200 To 500, Add	0.22		
03 21 11 00-0165	LF	#6, Grade 50, Elevated Slabs, Steel Reinforcement Bar.....	1.99		
		For Up To 100, Add	1.49		
		For >100 To 200, Add	0.79		
		For >200 To 500, Add	0.31		
03 21 11 00-0166	LF	#3, Grade 60, Elevated Slabs, Steel Reinforcement Bar.....	0.58		
		For Up To 100, Add	0.42		
		For >100 To 200, Add	0.22		
		For >200 To 500, Add	0.09		
03 21 11 00-0167	LF	#4, Grade 60, Elevated Slabs, Steel Reinforcement Bar.....	0.99		
		For Up To 100, Add	0.73		
		For >100 To 200, Add	0.39		
		For >200 To 500, Add	0.15		
03 21 11 00-0168	LF	#5, Grade 60, Elevated Slabs, Steel Reinforcement Bar.....	1.50		
		For Up To 100, Add	1.12		
		For >100 To 200, Add	0.59		
		For >200 To 500, Add	0.24		
03 21 11 00-0169	LF	#6, Grade 60, Elevated Slabs, Steel Reinforcement Bar.....	2.08		
		For Up To 100, Add	1.58		
		For >100 To 200, Add	0.83		
		For >200 To 500, Add	0.33		

03 Concrete
03 20 Concrete Reinforcing
03 21 Reinforcement Bars

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0170	LF	#7, Grade 60, Elevated Slabs, Steel Reinforcement Bar	.....	2.73	
		<i>For Up To 100, Add</i>		1.63	
		<i>For >100 To 200, Add</i>		0.93	
		<i>For >200 To 400, Add</i>		0.44	
03 21 11 00-0171	LF	#8, Grade 60, Elevated Slabs, Steel Reinforcement Bar	.....	3.43	
		<i>For Up To 100, Add</i>		2.08	
		<i>For >100 To 200, Add</i>		1.19	
		<i>For >200 To 400, Add</i>		0.56	
03 21 11 00-0172	LF	#9, Grade 60, Elevated Slabs, Steel Reinforcement Bar	.....	4.25	
		<i>For Up To 100, Add</i>		2.61	
		<i>For >100 To 200, Add</i>		1.48	
		<i>For >200 To 400, Add</i>		0.71	
03 21 11 00-0173	LF	#10, Grade 60, Elevated Slabs, Steel Reinforcement Bar	.....	5.22	
		<i>For Up To 100, Add</i>		2.63	
		<i>For >100 To 200, Add</i>		1.40	
		<i>For >200 To 300, Add</i>		0.70	
03 21 11 00-0174	LF	#11, Grade 60, Elevated Slabs, Steel Reinforcement Bar	.....	6.25	
		<i>For Up To 100, Add</i>		3.19	
		<i>For >100 To 200, Add</i>		1.69	
		<i>For >200 To 300, Add</i>		0.84	
03 21 11 00-0175	LF	#14, Grade 60, Elevated Slabs, Steel Reinforcement Bar	.....	8.72	
		<i>For Up To 100, Add</i>		4.50	
		<i>For >100 To 200, Add</i>		2.37	
		<i>For >200 To 300, Add</i>		1.19	
03 21 11 00-0176	LF	#18, Grade 60, Elevated Slabs, Steel Reinforcement Bar	.....	15.04	
		<i>For Up To 100, Add</i>		7.87	
		<i>For >100 To 200, Add</i>		4.13	
		<i>For >200 To 300, Add</i>		2.06	
03 21 11 00-0177	LF	#6, Grade 75, Elevated Slabs, Steel Reinforcement Bar	.....	2.16	
		<i>For Up To 100, Add</i>		1.66	
		<i>For >100 To 200, Add</i>		0.87	
		<i>For >200 To 500, Add</i>		0.35	
03 21 11 00-0178	LF	#7, Grade 75, Elevated Slabs, Steel Reinforcement Bar	.....	2.84	
		<i>For Up To 100, Add</i>		1.71	
		<i>For >100 To 200, Add</i>		0.98	
		<i>For >200 To 400, Add</i>		0.46	
03 21 11 00-0179	LF	#8, Grade 75, Elevated Slabs, Steel Reinforcement Bar	.....	3.57	
		<i>For Up To 100, Add</i>		2.19	
		<i>For >100 To 200, Add</i>		1.24	
		<i>For >200 To 400, Add</i>		0.59	
03 21 11 00-0180	LF	#9, Grade 75, Elevated Slabs, Steel Reinforcement Bar	.....	4.43	
		<i>For Up To 100, Add</i>		2.74	
		<i>For >100 To 200, Add</i>		1.55	
		<i>For >200 To 400, Add</i>		0.74	
03 21 11 00-0181	LF	#10, Grade 75, Elevated Slabs, Steel Reinforcement Bar	.....	5.46	
		<i>For Up To 100, Add</i>		2.77	
		<i>For >100 To 200, Add</i>		1.47	
		<i>For >200 To 300, Add</i>		0.74	
03 21 11 00-0182	LF	#11, Grade 75, Elevated Slabs, Steel Reinforcement Bar	.....	6.54	
		<i>For Up To 100, Add</i>		3.36	
		<i>For >100 To 200, Add</i>		1.77	
		<i>For >200 To 300, Add</i>		0.89	
03 21 11 00-0183	LF	#14, Grade 75, Elevated Slabs, Steel Reinforcement Bar	.....	9.14	
		<i>For Up To 100, Add</i>		4.76	
		<i>For >100 To 200, Add</i>		2.50	
		<i>For >200 To 300, Add</i>		1.25	
03 21 11 00-0184	LF	#18, Grade 75, Elevated Slabs, Steel Reinforcement Bar	.....	15.78	
		<i>For Up To 100, Add</i>		8.31	
		<i>For >100 To 200, Add</i>		4.35	
		<i>For >200 To 300, Add</i>		2.17	
03 21 11 00-0185	LF	#3, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	.....	0.59	
		<i>For Up To 100, Add</i>		0.43	
		<i>For >100 To 200, Add</i>		0.23	
		<i>For >200 To 500, Add</i>		0.09	
03 21 11 00-0186	LF	#4, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	.....	1.02	
		<i>For Up To 100, Add</i>		0.76	
		<i>For >100 To 200, Add</i>		0.40	
		<i>For >200 To 500, Add</i>		0.16	
03 21 11 00-0187	LF	#5, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	.....	1.54	
		<i>For Up To 100, Add</i>		1.16	
		<i>For >100 To 200, Add</i>		0.61	
		<i>For >200 To 500, Add</i>		0.24	
03 21 11 00-0188	LF	#6, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	.....	2.14	
		<i>For Up To 100, Add</i>		1.64	
		<i>For >100 To 200, Add</i>		0.86	
		<i>For >200 To 500, Add</i>		0.34	
03 21 11 00-0189	LF	#7, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	.....	2.82	
		<i>For Up To 100, Add</i>		1.70	
		<i>For >100 To 200, Add</i>		0.97	
		<i>For >200 To 400, Add</i>		0.46	
03 21 11 00-0190	LF	#8, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	.....	3.54	
		<i>For Up To 100, Add</i>		2.16	
		<i>For >100 To 200, Add</i>		1.23	
		<i>For >200 To 400, Add</i>		0.59	
03 21 11 00-0191	LF	#9, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	.....	4.39	
		<i>For Up To 100, Add</i>		2.71	
		<i>For >100 To 200, Add</i>		1.54	
		<i>For >200 To 400, Add</i>		0.73	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 21 11 00-0192	LF	#10, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar		5.40	
		<i>For Up To 100, Add</i>		2.74	
		<i>For >100 To 200, Add</i>		1.45	
		<i>For >200 To 300, Add</i>		0.73	
03 21 11 00-0193	LF	#11, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar		6.47	
		<i>For Up To 100, Add</i>		3.32	
		<i>For >100 To 200, Add</i>		1.75	
		<i>For >200 To 300, Add</i>		0.88	
03 21 11 00-0194	LF	#14, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar		9.04	
		<i>For Up To 100, Add</i>		4.70	
		<i>For >100 To 200, Add</i>		2.47	
		<i>For >200 To 300, Add</i>		1.23	
03 21 11 00-0195	LF	#18, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar		15.60	
		<i>For Up To 100, Add</i>		8.21	
		<i>For >100 To 200, Add</i>		4.30	
		<i>For >200 To 300, Add</i>		2.15	

03 21 11 00-0196 Walls, Steel Reinforcement Bar (03 21 11)
 Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0197	LF	#3, Grade 40, Walls, Steel Reinforcement Bar		0.52	
		<i>For Up To 100, Add</i>		0.37	
		<i>For >100 To 200, Add</i>		0.20	
		<i>For >200 To 500, Add</i>		0.08	
03 21 11 00-0198	LF	#4, Grade 40, Walls, Steel Reinforcement Bar		0.90	
		<i>For Up To 100, Add</i>		0.65	
		<i>For >100 To 200, Add</i>		0.35	
		<i>For >200 To 500, Add</i>		0.14	
03 21 11 00-0199	LF	#5, Grade 40, Walls, Steel Reinforcement Bar		1.35	
		<i>For Up To 100, Add</i>		1.00	
		<i>For >100 To 200, Add</i>		0.53	
		<i>For >200 To 500, Add</i>		0.21	
03 21 11 00-0200	LF	#6, Grade 40, Walls, Steel Reinforcement Bar		1.88	
		<i>For Up To 100, Add</i>		1.41	
		<i>For >100 To 200, Add</i>		0.75	
		<i>For >200 To 500, Add</i>		0.30	
03 21 11 00-0201	LF	#3, Grade 50, Walls, Steel Reinforcement Bar		0.54	
		<i>For Up To 100, Add</i>		0.39	
		<i>For >100 To 200, Add</i>		0.21	
		<i>For >200 To 500, Add</i>		0.08	
03 21 11 00-0202	LF	#4, Grade 50, Walls, Steel Reinforcement Bar		0.92	
		<i>For Up To 100, Add</i>		0.67	
		<i>For >100 To 200, Add</i>		0.36	
		<i>For >200 To 500, Add</i>		0.14	
03 21 11 00-0203	LF	#5, Grade 50, Walls, Steel Reinforcement Bar		1.39	
		<i>For Up To 100, Add</i>		1.04	
		<i>For >100 To 200, Add</i>		0.55	
		<i>For >200 To 500, Add</i>		0.22	
03 21 11 00-0204	LF	#6, Grade 50, Walls, Steel Reinforcement Bar		1.93	
		<i>For Up To 100, Add</i>		1.46	
		<i>For >100 To 200, Add</i>		0.77	
		<i>For >200 To 500, Add</i>		0.31	
03 21 11 00-0205	LF	#3, Grade 60, Walls, Steel Reinforcement Bar		0.56	
		<i>For Up To 100, Add</i>		0.41	
		<i>For >100 To 200, Add</i>		0.22	
		<i>For >200 To 500, Add</i>		0.09	
03 21 11 00-0206	LF	#4, Grade 60, Walls, Steel Reinforcement Bar		0.96	
		<i>For Up To 100, Add</i>		0.71	
		<i>For >100 To 200, Add</i>		0.38	
		<i>For >200 To 500, Add</i>		0.15	
03 21 11 00-0207	LF	#5, Grade 60, Walls, Steel Reinforcement Bar		1.45	
		<i>For Up To 100, Add</i>		1.10	
		<i>For >100 To 200, Add</i>		0.58	
		<i>For >200 To 500, Add</i>		0.23	
03 21 11 00-0208	LF	#6, Grade 60, Walls, Steel Reinforcement Bar		2.02	
		<i>For Up To 100, Add</i>		1.55	
		<i>For >100 To 200, Add</i>		0.82	
		<i>For >200 To 500, Add</i>		0.33	
03 21 11 00-0209	LF	#7, Grade 60, Walls, Steel Reinforcement Bar		2.64	
		<i>For Up To 100, Add</i>		1.60	
		<i>For >100 To 200, Add</i>		0.91	
		<i>For >200 To 400, Add</i>		0.43	
03 21 11 00-0210	LF	#8, Grade 60, Walls, Steel Reinforcement Bar		3.34	
		<i>For Up To 100, Add</i>		2.05	
		<i>For >100 To 200, Add</i>		1.17	
		<i>For >200 To 400, Add</i>		0.55	
03 21 11 00-0211	LF	#9, Grade 60, Walls, Steel Reinforcement Bar		4.15	
		<i>For Up To 100, Add</i>		2.57	
		<i>For >100 To 200, Add</i>		1.46	
		<i>For >200 To 400, Add</i>		0.70	
03 21 11 00-0212	LF	#10, Grade 60, Walls, Steel Reinforcement Bar		5.10	
		<i>For Up To 100, Add</i>		2.59	
		<i>For >100 To 200, Add</i>		1.37	
		<i>For >200 To 300, Add</i>		0.69	
03 21 11 00-0213	LF	#11, Grade 60, Walls, Steel Reinforcement Bar		6.12	
		<i>For Up To 100, Add</i>		3.15	
		<i>For >100 To 200, Add</i>		1.66	
		<i>For >200 To 300, Add</i>		0.83	

03 Concrete
03 20 Concrete Reinforcing
03 21 Reinforcement Bars

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
03 21 11 00-0214	LF #14, Grade 60, Walls, Steel Reinforcement Bar	8.55	
	For Up To 100, Add	4.45	
	For >100 To 200, Add	2.34	
	For >200 To 300, Add	1.77	
03 21 11 00-0215	LF #18, Grade 60, Walls, Steel Reinforcement Bar	14.76	
	For Up To 100, Add	7.79	
	For >100 To 200, Add	4.07	
	For >200 To 300, Add	2.04	
03 21 11 00-0216	LF #6, Grade 75, Walls, Steel Reinforcement Bar	2.10	
	For Up To 100, Add	1.63	
	For >100 To 200, Add	0.86	
	For >200 To 500, Add	0.34	
03 21 11 00-0217	LF #7, Grade 75, Walls, Steel Reinforcement Bar	2.75	
	For Up To 100, Add	1.68	
	For >100 To 200, Add	0.96	
	For >200 To 400, Add	0.45	
03 21 11 00-0218	LF #8, Grade 75, Walls, Steel Reinforcement Bar	3.48	
	For Up To 100, Add	2.15	
	For >100 To 200, Add	1.22	
	For >200 To 400, Add	0.58	
03 21 11 00-0219	LF #9, Grade 75, Walls, Steel Reinforcement Bar	4.33	
	For Up To 100, Add	2.71	
	For >100 To 200, Add	1.53	
	For >200 To 400, Add	0.73	
03 21 11 00-0220	LF #10, Grade 75, Walls, Steel Reinforcement Bar	5.34	
	For Up To 100, Add	2.74	
	For >100 To 200, Add	1.45	
	For >200 To 300, Add	0.72	
03 21 11 00-0221	LF #11, Grade 75, Walls, Steel Reinforcement Bar	6.41	
	For Up To 100, Add	3.32	
	For >100 To 200, Add	1.75	
	For >200 To 300, Add	0.87	
03 21 11 00-0222	LF #14, Grade 75, Walls, Steel Reinforcement Bar	8.97	
	For Up To 100, Add	4.70	
	For >100 To 200, Add	2.47	
	For >200 To 300, Add	1.23	
03 21 11 00-0223	LF #18, Grade 75, Walls, Steel Reinforcement Bar	15.50	
	For Up To 100, Add	8.23	
	For >100 To 200, Add	4.29	
	For >200 To 300, Add	2.15	
03 21 11 00-0224	LF #3, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	0.57	
	For Up To 100, Add	0.42	
	For >100 To 200, Add	0.22	
	For >200 To 500, Add	0.09	
03 21 11 00-0225	LF #4, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	0.99	
	For Up To 100, Add	0.74	
	For >100 To 200, Add	0.39	
	For >200 To 500, Add	0.16	
03 21 11 00-0226	LF #5, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	1.49	
	For Up To 100, Add	1.14	
	For >100 To 200, Add	0.60	
	For >200 To 500, Add	0.24	
03 21 11 00-0227	LF #6, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	2.08	
	For Up To 100, Add	1.61	
	For >100 To 200, Add	0.85	
	For >200 To 500, Add	0.34	
03 21 11 00-0228	LF #7, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	2.73	
	For Up To 100, Add	1.66	
	For >100 To 200, Add	0.95	
	For >200 To 400, Add	0.45	
03 21 11 00-0229	LF #8, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	3.45	
	For Up To 100, Add	2.13	
	For >100 To 200, Add	1.21	
	For >200 To 400, Add	0.58	
03 21 11 00-0230	LF #9, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	4.29	
	For Up To 100, Add	2.68	
	For >100 To 200, Add	1.51	
	For >200 To 400, Add	0.72	
03 21 11 00-0231	LF #10, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	5.28	
	For Up To 100, Add	2.70	
	For >100 To 200, Add	1.43	
	For >200 To 300, Add	0.71	
03 21 11 00-0232	LF #11, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	6.34	
	For Up To 100, Add	3.28	
	For >100 To 200, Add	1.73	
	For >200 To 300, Add	0.86	
03 21 11 00-0233	LF #14, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	8.87	
	For Up To 100, Add	4.64	
	For >100 To 200, Add	2.44	
	For >200 To 300, Add	1.22	
03 21 11 00-0234	LF #18, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	15.32	
	For Up To 100, Add	8.12	
	For >100 To 200, Add	4.24	
	For >200 To 300, Add	2.12	

03 21 11 00-0235 Mechanical Joint Connection (03 21 11)

03 21 11 00-0236 Thermal Type Mechanical Joint Connection (03 21 11 00-0235)

03 21 11 00-0237 EA Thermal Type Mechanical Joint Connection, Add Per Splice222.55

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 21 11 00-0238 **Screwed Type Mechanical Joint Connection** (03 21 11 00-0235)

03 21 11 00-0239 EA Screwed Type Mechanical Joint Connection, Add Per Splice 121.66

03 21 11 00-0240 **Deformed Straight Dowels** (03 21 11)

Note: Excludes drilling. See CSI section 02 41 19 13-0221 for drilling in concrete.

03 21 11 00-0241 EA 3/8" Diameter x 24" Long, Deformed Straight Dowel 2.91
 For Up To 12" Length, Deduct -0.35
 For >12" To <24" Length, Deduct -0.18

03 21 11 00-0242 EA 1/2" Diameter x 24" Long, Deformed Straight Dowel 3.49
 For Up To 12" Length, Deduct -0.46
 For >12" To <24" Length, Deduct -0.23

03 21 11 00-0243 EA 5/8" Diameter x 24" Long, Deformed Straight Dowel 4.27
 For Up To 12" Length, Deduct -0.73
 For >12" To <24" Length, Deduct -0.36

03 21 11 00-0244 EA 3/4" Diameter x 24" Long, Deformed Straight Dowel 5.22
 For Up To 12" Length, Deduct -1.05
 For >12" To <24" Length, Deduct -0.53

03 21 11 00-0245 EA 7/8" Diameter x 24" Long, Deformed Straight Dowel 6.18
 For Up To 12" Length, Deduct -1.46
 For >12" To <24" Length, Deduct -0.73

03 21 11 00-0246 EA 1" Diameter x 24" Long, Deformed Straight Dowel 7.80
 For Up To 12" Length, Deduct -1.88
 For >12" To <24" Length, Deduct -0.94

03 21 11 00-0247 EA 1-1/8" Diameter x 24" Long, Deformed Straight Dowel 9.20
 For Up To 12" Length, Deduct -2.32
 For >12" To <24" Length, Deduct -1.16

03 21 11 00-0248 EA 1-1/4" Diameter x 24" Long, Deformed Straight Dowel 11.29
 For Up To 12" Length, Deduct -3.03
 For >12" To <24" Length, Deduct -1.51

03 21 11 00-0249 EA 1-3/8" Diameter x 24" Long, Deformed Straight Dowel 13.42
 For Up To 12" Length, Deduct -3.74
 For >12" To <24" Length, Deduct -1.87

03 21 11 00-0250 **Spirals, Reinforcing Steel** (03 21 11)

03 21 11 00-0251 TON Up To 15" Diameter, Grade 60, Spirals, Reinforcing Steel 3,494.32
 For Grade 75, Add 138.00

03 21 11 00-0252 TON >15" To 24" Diameter, Grade 60, Spirals, Reinforcing Steel 3,454.61
 For Grade 75, Add 138.00

03 21 11 00-0253 TON >24" To 36" Diameter, Grade 60, Spirals, Reinforcing Steel 3,424.33
 For Grade 75, Add 138.00

03 21 11 00-0254 TON >36" To 48" Diameter, Grade 60, Spirals, Reinforcing Steel 3,374.80
 For Grade 75, Add 138.00

03 21 11 00-0255 TON >48" To 64" Diameter, Grade 60, Spirals, Reinforcing Steel 3,307.82
 For Grade 75, Add 138.00

03 21 11 00-0256 TON >64" To 84" Diameter, Grade 60, Spirals, Reinforcing Steel 3,286.84
 For Grade 75, Add 141.39

03 21 11 00-0257 TON >84" To 96" Diameter, Grade 60, Spirals, Reinforcing Steel 3,230.77
 For Grade 75, Add 141.39

03 21 13 Galvanized Reinforcement Steel Bars (03 21)

03 21 13 00-0001 **Beams And Girders, Galvanized Steel Reinforcement Bar** (03 21 13)

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0002 LF #3, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar 0.81
 For Up To 100, Add 0.58
 For >100 To 200, Add 0.31
 For >200 To 500, Add 0.12

03 21 13 00-0003 LF #4, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar 1.37
 For Up To 100, Add 0.99
 For >100 To 200, Add 0.53
 For >200 To 500, Add 0.21

03 21 13 00-0004 LF #5, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar 2.06
 For Up To 100, Add 1.51
 For >100 To 200, Add 0.80
 For >200 To 500, Add 0.32

03 21 13 00-0005 LF #6, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar 2.87
 For Up To 100, Add 2.14
 For >100 To 200, Add 1.13
 For >200 To 500, Add 0.45

03 21 13 00-0006 LF #3, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar 0.82
 For Up To 100, Add 0.59
 For >100 To 200, Add 0.31
 For >200 To 500, Add 0.13

03 21 13 00-0007 LF #4, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar 1.39
 For Up To 100, Add 1.01
 For >100 To 200, Add 0.54
 For >200 To 500, Add 0.22

03 21 13 00-0008 LF #5, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar 2.10
 For Up To 100, Add 1.55
 For >100 To 200, Add 0.82
 For >200 To 500, Add 0.33

03 Concrete
03 20 Concrete Reinforcing
03 21 Reinforcement Bars

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 21 13 00-0009	LF #6, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	2.92	
	For Up To 100, Add	2.19	
	For >100 To 200, Add	1.16	
	For >200 To 500, Add	0.46	
03 21 13 00-0010	LF #3, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	0.84	
	For Up To 100, Add	0.61	
	For >100 To 200, Add	0.32	
	For >200 To 500, Add	0.13	
03 21 13 00-0011	LF #4, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	1.43	
	For Up To 100, Add	1.05	
	For >100 To 200, Add	0.56	
	For >200 To 500, Add	0.22	
03 21 13 00-0012	LF #5, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	2.16	
	For Up To 100, Add	1.61	
	For >100 To 200, Add	0.85	
	For >200 To 500, Add	0.34	
03 21 13 00-0013	LF #6, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	3.01	
	For Up To 100, Add	2.28	
	For >100 To 200, Add	1.20	
	For >200 To 500, Add	0.48	
03 21 13 00-0014	LF #7, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	3.95	
	For Up To 100, Add	2.36	
	For >100 To 200, Add	1.36	
	For >200 To 400, Add	0.64	
03 21 13 00-0015	LF #8, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	4.96	
	For Up To 100, Add	3.02	
	For >100 To 200, Add	1.72	
	For >200 To 400, Add	0.82	
03 21 13 00-0016	LF #9, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	6.13	
	For Up To 100, Add	3.77	
	For >100 To 200, Add	2.14	
	For >200 To 400, Add	1.02	
03 21 13 00-0017	LF #10, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	7.54	
	For Up To 100, Add	3.81	
	For >100 To 200, Add	2.02	
	For >200 To 300, Add	1.01	
03 21 13 00-0018	LF #11, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	9.04	
	For Up To 100, Add	4.62	
	For >100 To 200, Add	2.44	
	For >200 To 300, Add	1.22	
03 21 13 00-0019	LF #14, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	12.63	
	For Up To 100, Add	6.54	
	For >100 To 200, Add	3.44	
	For >200 To 300, Add	1.72	
03 21 13 00-0020	LF #18, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	21.77	
	For Up To 100, Add	11.42	
	For >100 To 200, Add	5.98	
	For >200 To 300, Add	2.99	
03 21 13 00-0021	LF #6, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	3.09	
	For Up To 100, Add	2.36	
	For >100 To 200, Add	1.24	
	For >200 To 500, Add	0.50	
03 21 13 00-0022	LF #7, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	4.06	
	For Up To 100, Add	2.45	
	For >100 To 200, Add	1.40	
	For >200 To 400, Add	0.66	
03 21 13 00-0023	LF #8, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	5.10	
	For Up To 100, Add	3.12	
	For >100 To 200, Add	1.78	
	For >200 To 400, Add	0.84	
03 21 13 00-0024	LF #9, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	6.31	
	For Up To 100, Add	3.91	
	For >100 To 200, Add	2.22	
	For >200 To 400, Add	1.06	
03 21 13 00-0025	LF #10, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	7.77	
	For Up To 100, Add	3.95	
	For >100 To 200, Add	2.09	
	For >200 To 300, Add	1.05	
03 21 13 00-0026	LF #11, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	9.33	
	For Up To 100, Add	4.79	
	For >100 To 200, Add	2.53	
	For >200 To 300, Add	1.27	
03 21 13 00-0027	LF #14, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	13.04	
	For Up To 100, Add	6.78	
	For >100 To 200, Add	3.57	
	For >200 To 300, Add	1.78	
03 21 13 00-0028	LF #18, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	22.51	
	For Up To 100, Add	11.86	
	For >100 To 200, Add	6.20	
	For >200 To 300, Add	3.10	

03 21 13 00-0029 Columns, Galvanized Steel Reinforcement Bar (03 21 13)

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0030	LF #3, Grade 40, Columns, Galvanized Steel Reinforcement Bar	0.84	
	For Up To 100, Add	0.59	
	For >100 To 200, Add	0.32	
	For >200 To 500, Add	0.13	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21	13 00-0031	LF	#4,	Grade 40, Columns, Galvanized Steel Reinforcement Bar.....	1.44	
				For Up To 100, Add	1.02	
				For >100 To 200, Add	0.55	
				For >200 To 500, Add	0.22	
03 21	13 00-0032	LF	#5,	Grade 40, Columns, Galvanized Steel Reinforcement Bar.....	2.15	
				For Up To 100, Add	1.55	
				For >100 To 200, Add	0.83	
				For >200 To 500, Add	0.33	
03 21	13 00-0033	LF	#6,	Grade 40, Columns, Galvanized Steel Reinforcement Bar.....	3.00	
				For Up To 100, Add	2.20	
				For >100 To 200, Add	1.17	
				For >200 To 500, Add	0.47	
03 21	13 00-0034	LF	#3,	Grade 50, Columns, Galvanized Steel Reinforcement Bar.....	0.85	
				For Up To 100, Add	0.60	
				For >100 To 200, Add	0.32	
				For >200 To 500, Add	0.13	
03 21	13 00-0035	LF	#4,	Grade 50, Columns, Galvanized Steel Reinforcement Bar.....	1.46	
				For Up To 100, Add	1.04	
				For >100 To 200, Add	0.56	
				For >200 To 500, Add	0.22	
03 21	13 00-0036	LF	#5,	Grade 50, Columns, Galvanized Steel Reinforcement Bar.....	2.19	
				For Up To 100, Add	1.59	
				For >100 To 200, Add	0.85	
				For >200 To 500, Add	0.34	
03 21	13 00-0037	LF	#6,	Grade 50, Columns, Galvanized Steel Reinforcement Bar.....	3.05	
				For Up To 100, Add	2.25	
				For >100 To 200, Add	1.19	
				For >200 To 500, Add	0.48	
03 21	13 00-0038	LF	#3,	Grade 60, Columns, Galvanized Steel Reinforcement Bar.....	0.87	
				For Up To 100, Add	0.62	
				For >100 To 200, Add	0.33	
				For >200 To 500, Add	0.13	
03 21	13 00-0039	LF	#4,	Grade 60, Columns, Galvanized Steel Reinforcement Bar.....	1.50	
				For Up To 100, Add	1.08	
				For >100 To 200, Add	0.58	
				For >200 To 500, Add	0.23	
03 21	13 00-0040	LF	#5,	Grade 60, Columns, Galvanized Steel Reinforcement Bar.....	2.25	
				For Up To 100, Add	1.65	
				For >100 To 200, Add	0.88	
				For >200 To 500, Add	0.35	
03 21	13 00-0041	LF	#6,	Grade 60, Columns, Galvanized Steel Reinforcement Bar.....	3.14	
				For Up To 100, Add	2.34	
				For >100 To 200, Add	1.24	
				For >200 To 500, Add	0.49	
03 21	13 00-0042	LF	#7,	Grade 60, Columns, Galvanized Steel Reinforcement Bar.....	4.10	
				For Up To 100, Add	2.42	
				For >100 To 200, Add	1.39	
				For >200 To 400, Add	0.66	
03 21	13 00-0043	LF	#8,	Grade 60, Columns, Galvanized Steel Reinforcement Bar.....	5.13	
				For Up To 100, Add	3.08	
				For >100 To 200, Add	1.76	
				For >200 To 400, Add	0.83	
03 21	13 00-0044	LF	#9,	Grade 60, Columns, Galvanized Steel Reinforcement Bar.....	6.33	
				For Up To 100, Add	3.84	
				For >100 To 200, Add	2.19	
				For >200 To 400, Add	1.04	
03 21	13 00-0045	LF	#10,	Grade 60, Columns, Galvanized Steel Reinforcement Bar.....	7.77	
				For Up To 100, Add	3.88	
				For >100 To 200, Add	2.07	
				For >200 To 300, Add	1.03	
03 21	13 00-0046	LF	#11,	Grade 60, Columns, Galvanized Steel Reinforcement Bar.....	9.30	
				For Up To 100, Add	4.70	
				For >100 To 200, Add	2.50	
				For >200 To 300, Add	1.25	
03 21	13 00-0047	LF	#14,	Grade 60, Columns, Galvanized Steel Reinforcement Bar.....	12.99	
				For Up To 100, Add	6.65	
				For >100 To 200, Add	3.51	
				For >200 To 300, Add	1.76	
03 21	13 00-0048	LF	#18,	Grade 60, Columns, Galvanized Steel Reinforcement Bar.....	22.32	
				For Up To 100, Add	11.58	
				For >100 To 200, Add	6.09	
				For >200 To 300, Add	3.05	
03 21	13 00-0049	LF	#6,	Grade 75, Columns, Galvanized Steel Reinforcement Bar.....	3.22	
				For Up To 100, Add	2.42	
				For >100 To 200, Add	1.28	
				For >200 To 500, Add	0.51	
03 21	13 00-0050	LF	#7,	Grade 75, Columns, Galvanized Steel Reinforcement Bar.....	4.21	
				For Up To 100, Add	2.50	
				For >100 To 200, Add	1.44	
				For >200 To 400, Add	0.68	
03 21	13 00-0051	LF	#8,	Grade 75, Columns, Galvanized Steel Reinforcement Bar.....	5.27	
				For Up To 100, Add	3.18	
				For >100 To 200, Add	1.82	
				For >200 To 400, Add	0.66	
03 21	13 00-0052	LF	#9,	Grade 75, Columns, Galvanized Steel Reinforcement Bar.....	6.51	
				For Up To 100, Add	3.98	
				For >100 To 200, Add	2.27	
				For >200 To 400, Add	1.08	

03 Concrete
03 20 Concrete Reinforcing
03 21 Reinforcement Bars

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21	13 00-0053	LF	#10, Grade 75, Columns, Galvanized Steel Reinforcement Bar	8.00	
			For Up To 100, Add	4.01	
			For >100 To 200, Add	2.14	
			For >200 To 300, Add	1.07	
03 21	13 00-0054	LF	#11, Grade 75, Columns, Galvanized Steel Reinforcement Bar	9.59	
			For Up To 100, Add	4.87	
			For >100 To 200, Add	2.58	
			For >200 To 300, Add	1.29	
03 21	13 00-0055	LF	#14, Grade 75, Columns, Galvanized Steel Reinforcement Bar	13.40	
			For Up To 100, Add	6.89	
			For >100 To 200, Add	3.64	
			For >200 To 300, Add	1.82	
03 21	13 00-0056	LF	#18, Grade 75, Columns, Galvanized Steel Reinforcement Bar	23.06	
			For Up To 100, Add	12.02	
			For >100 To 200, Add	6.31	
			For >200 To 300, Add	3.16	
03 21	13 00-0057		Footings, Galvanized Steel Reinforcement Bar (03 21 13) Note: ASTM A-767 Hot Dipped Galvanized Steel.		
03 21	13 00-0058	LF	#3, Grade 40, Footings, Galvanized Steel Reinforcement Bar	0.75	
			For Up To 100, Add	0.55	
			For >100 To 200, Add	0.29	
			For >200 To 500, Add	0.12	
03 21	13 00-0059	LF	#4, Grade 40, Footings, Galvanized Steel Reinforcement Bar	1.28	
			For Up To 100, Add	0.96	
			For >100 To 200, Add	0.51	
			For >200 To 500, Add	0.20	
03 21	13 00-0060	LF	#5, Grade 40, Footings, Galvanized Steel Reinforcement Bar	1.93	
			For Up To 100, Add	1.46	
			For >100 To 200, Add	0.77	
			For >200 To 500, Add	0.31	
03 21	13 00-0061	LF	#6, Grade 40, Footings, Galvanized Steel Reinforcement Bar	2.69	
			For Up To 100, Add	2.07	
			For >100 To 200, Add	1.09	
			For >200 To 500, Add	0.44	
03 21	13 00-0062	LF	#3, Grade 50, Footings, Galvanized Steel Reinforcement Bar	0.76	
			For Up To 100, Add	0.56	
			For >100 To 200, Add	0.30	
			For >200 To 500, Add	0.12	
03 21	13 00-0063	LF	#4, Grade 50, Footings, Galvanized Steel Reinforcement Bar	1.30	
			For Up To 100, Add	0.98	
			For >100 To 200, Add	0.52	
			For >200 To 500, Add	0.21	
03 21	13 00-0064	LF	#5, Grade 50, Footings, Galvanized Steel Reinforcement Bar	1.97	
			For Up To 100, Add	1.50	
			For >100 To 200, Add	0.79	
			For >200 To 500, Add	0.32	
03 21	13 00-0065	LF	#6, Grade 50, Footings, Galvanized Steel Reinforcement Bar	2.74	
			For Up To 100, Add	2.12	
			For >100 To 200, Add	1.11	
			For >200 To 500, Add	0.45	
03 21	13 00-0066	LF	#3, Grade 60, Footings, Galvanized Steel Reinforcement Bar	0.78	
			For Up To 100, Add	0.58	
			For >100 To 200, Add	0.31	
			For >200 To 500, Add	0.12	
03 21	13 00-0067	LF	#4, Grade 60, Footings, Galvanized Steel Reinforcement Bar	1.34	
			For Up To 100, Add	1.02	
			For >100 To 200, Add	0.54	
			For >200 To 500, Add	0.21	
03 21	13 00-0068	LF	#5, Grade 60, Footings, Galvanized Steel Reinforcement Bar	2.03	
			For Up To 100, Add	1.56	
			For >100 To 200, Add	0.82	
			For >200 To 500, Add	0.33	
03 21	13 00-0069	LF	#6, Grade 60, Footings, Galvanized Steel Reinforcement Bar	2.83	
			For Up To 100, Add	2.21	
			For >100 To 200, Add	1.16	
			For >200 To 500, Add	0.46	
03 21	13 00-0070	LF	#7, Grade 60, Footings, Galvanized Steel Reinforcement Bar	3.73	
			For Up To 100, Add	2.29	
			For >100 To 200, Add	1.30	
			For >200 To 400, Add	0.62	
03 21	13 00-0071	LF	#8, Grade 60, Footings, Galvanized Steel Reinforcement Bar	4.70	
			For Up To 100, Add	2.93	
			For >100 To 200, Add	1.66	
			For >200 To 400, Add	0.79	
03 21	13 00-0072	LF	#9, Grade 60, Footings, Galvanized Steel Reinforcement Bar	5.82	
			For Up To 100, Add	3.67	
			For >100 To 200, Add	2.07	
			For >200 To 400, Add	0.99	
03 21	13 00-0073	LF	#10, Grade 60, Footings, Galvanized Steel Reinforcement Bar	7.18	
			For Up To 100, Add	3.70	
			For >100 To 200, Add	1.95	
			For >200 To 300, Add	0.98	
03 21	13 00-0074	LF	#11, Grade 60, Footings, Galvanized Steel Reinforcement Bar	8.64	
			For Up To 100, Add	4.50	
			For >100 To 200, Add	2.36	
			For >200 To 300, Add	1.18	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 21 13 00-0075	LF	#14, Grade 60, Footings, Galvanized Steel Reinforcement Bar	12.11	
		<i>For Up To 100, Add</i>	6.38	
		<i>For >100 To 200, Add</i>	3.34	
		<i>For >200 To 300, Add</i>	1.67	
03 21 13 00-0076	LF	#18, Grade 60, Footings, Galvanized Steel Reinforcement Bar	20.94	
		<i>For Up To 100, Add</i>	11.17	
		<i>For >100 To 200, Add</i>	5.82	
		<i>For >200 To 300, Add</i>	2.91	
03 21 13 00-0077	LF	#6, Grade 75, Footings, Galvanized Steel Reinforcement Bar	2.91	
		<i>For Up To 100, Add</i>	2.29	
		<i>For >100 To 200, Add</i>	1.20	
		<i>For >200 To 500, Add</i>	0.48	
03 21 13 00-0078	LF	#7, Grade 75, Footings, Galvanized Steel Reinforcement Bar	3.84	
		<i>For Up To 100, Add</i>	2.37	
		<i>For >100 To 200, Add</i>	1.34	
		<i>For >200 To 400, Add</i>	0.64	
03 21 13 00-0079	LF	#8, Grade 75, Footings, Galvanized Steel Reinforcement Bar	4.84	
		<i>For Up To 100, Add</i>	3.03	
		<i>For >100 To 200, Add</i>	1.71	
		<i>For >200 To 400, Add</i>	0.82	
03 21 13 00-0080	LF	#9, Grade 75, Footings, Galvanized Steel Reinforcement Bar	6.00	
		<i>For Up To 100, Add</i>	3.80	
		<i>For >100 To 200, Add</i>	2.14	
		<i>For >200 To 400, Add</i>	1.03	
03 21 13 00-0081	LF	#10, Grade 75, Footings, Galvanized Steel Reinforcement Bar	7.41	
		<i>For Up To 100, Add</i>	3.84	
		<i>For >100 To 200, Add</i>	2.02	
		<i>For >200 To 300, Add</i>	1.01	
03 21 13 00-0082	LF	#11, Grade 75, Footings, Galvanized Steel Reinforcement Bar	8.93	
		<i>For Up To 100, Add</i>	4.67	
		<i>For >100 To 200, Add</i>	2.45	
		<i>For >200 To 300, Add</i>	1.23	
03 21 13 00-0083	LF	#14, Grade 75, Footings, Galvanized Steel Reinforcement Bar	12.52	
		<i>For Up To 100, Add</i>	6.63	
		<i>For >100 To 200, Add</i>	3.46	
		<i>For >200 To 300, Add</i>	1.73	
03 21 13 00-0084	LF	#18, Grade 75, Footings, Galvanized Steel Reinforcement Bar	21.68	
		<i>For Up To 100, Add</i>	11.61	
		<i>For >100 To 200, Add</i>	6.04	
		<i>For >200 To 300, Add</i>	3.02	

03 21 13 00-0085 Slab On Grade, Galvanized Steel Reinforcement Bar (03 21 13)

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0086	LF	#3, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	0.73	
		<i>For Up To 100, Add</i>	0.54	
		<i>For >100 To 200, Add</i>	0.29	
		<i>For >200 To 500, Add</i>	0.12	
03 21 13 00-0087	LF	#4, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	1.25	
		<i>For Up To 100, Add</i>	0.94	
		<i>For >100 To 200, Add</i>	0.50	
		<i>For >200 To 500, Add</i>	0.20	
03 21 13 00-0088	LF	#5, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	1.88	
		<i>For Up To 100, Add</i>	1.44	
		<i>For >100 To 200, Add</i>	0.76	
		<i>For >200 To 500, Add</i>	0.30	
03 21 13 00-0089	LF	#6, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	2.62	
		<i>For Up To 100, Add</i>	2.04	
		<i>For >100 To 200, Add</i>	1.07	
		<i>For >200 To 500, Add</i>	0.43	
03 21 13 00-0090	LF	#3, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	0.74	
		<i>For Up To 100, Add</i>	0.55	
		<i>For >100 To 200, Add</i>	0.29	
		<i>For >200 To 500, Add</i>	0.12	
03 21 13 00-0091	LF	#4, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	1.27	
		<i>For Up To 100, Add</i>	0.96	
		<i>For >100 To 200, Add</i>	0.51	
		<i>For >200 To 500, Add</i>	0.20	
03 21 13 00-0092	LF	#5, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	1.92	
		<i>For Up To 100, Add</i>	1.48	
		<i>For >100 To 200, Add</i>	0.78	
		<i>For >200 To 500, Add</i>	0.31	
03 21 13 00-0093	LF	#6, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	2.67	
		<i>For Up To 100, Add</i>	2.09	
		<i>For >100 To 200, Add</i>	1.10	
		<i>For >200 To 500, Add</i>	0.44	
03 21 13 00-0094	LF	#3, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	0.76	
		<i>For Up To 100, Add</i>	0.57	
		<i>For >100 To 200, Add</i>	0.30	
		<i>For >200 To 500, Add</i>	0.12	
03 21 13 00-0095	LF	#4, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	1.31	
		<i>For Up To 100, Add</i>	1.00	
		<i>For >100 To 200, Add</i>	0.53	
		<i>For >200 To 500, Add</i>	0.21	
03 21 13 00-0096	LF	#5, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	1.98	
		<i>For Up To 100, Add</i>	1.54	
		<i>For >100 To 200, Add</i>	0.81	
		<i>For >200 To 500, Add</i>	0.32	

03 Concrete
03 20 Concrete Reinforcing
03 21 Reinforcement Bars

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 21 13 00-0097	LF #6, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	2.76	
	For Up To 100, Add	2.18	
	For >100 To 200, Add	1.14	
	For >200 To 500, Add	0.46	
03 21 13 00-0098	LF #7, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	3.66	
	For Up To 100, Add	2.26	
	For >100 To 200, Add	1.28	
	For >200 To 400, Add	0.61	
03 21 13 00-0099	LF #8, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	4.61	
	For Up To 100, Add	2.89	
	For >100 To 200, Add	1.63	
	For >200 To 400, Add	0.78	
03 21 13 00-0100	LF #9, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	5.72	
	For Up To 100, Add	3.63	
	For >100 To 200, Add	2.04	
	For >200 To 400, Add	0.98	
03 21 13 00-0101	LF #10, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	7.06	
	For Up To 100, Add	3.66	
	For >100 To 200, Add	1.93	
	For >200 To 300, Add	0.96	
03 21 13 00-0102	LF #11, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	8.51	
	For Up To 100, Add	4.46	
	For >100 To 200, Add	2.34	
	For >200 To 300, Add	1.17	
03 21 13 00-0103	LF #14, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	11.93	
	For Up To 100, Add	6.33	
	For >100 To 200, Add	3.30	
	For >200 To 300, Add	1.65	
03 21 13 00-0104	LF #18, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	20.67	
	For Up To 100, Add	11.09	
	For >100 To 200, Add	5.76	
	For >200 To 300, Add	2.88	
03 21 13 00-0105	LF #6, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	2.84	
	For Up To 100, Add	2.26	
	For >100 To 200, Add	1.18	
	For >200 To 500, Add	0.47	
03 21 13 00-0106	LF #7, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	3.77	
	For Up To 100, Add	2.34	
	For >100 To 200, Add	1.33	
	For >200 To 400, Add	0.63	
03 21 13 00-0107	LF #8, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	4.75	
	For Up To 100, Add	3.00	
	For >100 To 200, Add	1.69	
	For >200 To 400, Add	0.81	
03 21 13 00-0108	LF #9, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	5.90	
	For Up To 100, Add	3.77	
	For >100 To 200, Add	2.11	
	For >200 To 400, Add	1.02	
03 21 13 00-0109	LF #10, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	7.29	
	For Up To 100, Add	3.80	
	For >100 To 200, Add	2.00	
	For >200 To 300, Add	1.00	
03 21 13 00-0110	LF #11, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	8.80	
	For Up To 100, Add	4.64	
	For >100 To 200, Add	2.43	
	For >200 To 300, Add	1.21	
03 21 13 00-0111	LF #14, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	12.34	
	For Up To 100, Add	6.57	
	For >100 To 200, Add	3.43	
	For >200 To 300, Add	1.71	
03 21 13 00-0112	LF #18, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	21.41	
	For Up To 100, Add	11.53	
	For >100 To 200, Add	5.98	
	For >200 To 300, Add	2.99	

03 21 13 00-0113 Elevated Slabs, Galvanized Steel Reinforcement Bar (03 21 13)

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0114	LF #3, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.69	
	For Up To 100, Add	0.53	
	For >100 To 200, Add	0.28	
	For >200 To 500, Add	0.11	
03 21 13 00-0115	LF #4, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.18	
	For Up To 100, Add	0.92	
	For >100 To 200, Add	0.48	
	For >200 To 500, Add	0.19	
03 21 13 00-0116	LF #5, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.79	
	For Up To 100, Add	1.41	
	For >100 To 200, Add	0.74	
	For >200 To 500, Add	0.29	
03 21 13 00-0117	LF #6, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.50	
	For Up To 100, Add	2.00	
	For >100 To 200, Add	1.04	
	For >200 To 500, Add	0.42	
03 21 13 00-0118	LF #3, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.70	
	For Up To 100, Add	0.54	
	For >100 To 200, Add	0.28	
	For >200 To 500, Add	0.11	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21	13 00-0119	LF	#4,	Elevated Slabs, Galvanized Steel Reinforcement Bar 1.20		
				For Up To 100, Add	0.94	
				For >100 To 200, Add	0.49	
				For >200 To 500, Add	0.20	
03 21	13 00-0120	LF	#5,	Elevated Slabs, Galvanized Steel Reinforcement Bar 1.83		
				For Up To 100, Add	1.45	
				For >100 To 200, Add	0.76	
				For >200 To 500, Add	0.30	
03 21	13 00-0121	LF	#6,	Elevated Slabs, Galvanized Steel Reinforcement Bar 2.55		
				For Up To 100, Add	2.05	
				For >100 To 200, Add	1.07	
				For >200 To 500, Add	0.43	
03 21	13 00-0122	LF	#3,	Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar 0.72		
				For Up To 100, Add	0.56	
				For >100 To 200, Add	0.29	
				For >200 To 500, Add	0.12	
03 21	13 00-0123	LF	#4,	Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar 1.24		
				For Up To 100, Add	0.98	
				For >100 To 200, Add	0.51	
				For >200 To 500, Add	0.20	
03 21	13 00-0124	LF	#5,	Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar 1.89		
				For Up To 100, Add	1.51	
				For >100 To 200, Add	0.79	
				For >200 To 500, Add	0.31	
03 21	13 00-0125	LF	#6,	Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar 2.64		
				For Up To 100, Add	2.14	
				For >100 To 200, Add	1.11	
				For >200 To 500, Add	0.44	
03 21	13 00-0126	LF	#7,	Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar 3.50		
				For Up To 100, Add	2.21	
				For >100 To 200, Add	1.24	
				For >200 To 400, Add	0.60	
03 21	13 00-0127	LF	#8,	Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar 4.43		
				For Up To 100, Add	2.83	
				For >100 To 200, Add	1.59	
				For >200 To 400, Add	0.76	
03 21	13 00-0128	LF	#9,	Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar 5.52		
				For Up To 100, Add	3.56	
				For >100 To 200, Add	1.99	
				For >200 To 400, Add	0.96	
03 21	13 00-0129	LF	#10,	Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar 6.83		
				For Up To 100, Add	3.59	
				For >100 To 200, Add	1.88	
				For >200 To 300, Add	0.94	
03 21	13 00-0130	LF	#11,	Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar 8.24		
				For Up To 100, Add	4.38	
				For >100 To 200, Add	2.28	
				For >200 To 300, Add	1.14	
03 21	13 00-0131	LF	#14,	Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar 11.59		
				For Up To 100, Add	6.23	
				For >100 To 200, Add	3.23	
				For >200 To 300, Add	1.62	
03 21	13 00-0132	LF	#18,	Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar 20.13		
				For Up To 100, Add	10.92	
				For >100 To 200, Add	5.65	
				For >200 To 300, Add	2.83	
03 21	13 00-0133	LF	#6,	Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar 2.72		
				For Up To 100, Add	2.22	
				For >100 To 200, Add	1.15	
				For >200 To 500, Add	0.46	
03 21	13 00-0134	LF	#7,	Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar 3.61		
				For Up To 100, Add	2.29	
				For >100 To 200, Add	1.29	
				For >200 To 400, Add	0.62	
03 21	13 00-0135	LF	#8,	Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar 4.57		
				For Up To 100, Add	2.94	
				For >100 To 200, Add	1.64	
				For >200 To 400, Add	0.79	
03 21	13 00-0136	LF	#9,	Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar 5.70		
				For Up To 100, Add	3.70	
				For >100 To 200, Add	2.06	
				For >200 To 400, Add	1.00	
03 21	13 00-0137	LF	#10,	Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar 7.06		
				For Up To 100, Add	3.73	
				For >100 To 200, Add	1.95	
				For >200 To 300, Add	0.98	
03 21	13 00-0138	LF	#11,	Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar 8.53		
				For Up To 100, Add	4.55	
				For >100 To 200, Add	2.37	
				For >200 To 300, Add	1.19	
03 21	13 00-0139	LF	#14,	Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar 12.00		
				For Up To 100, Add	6.47	
				For >100 To 200, Add	3.36	
				For >200 To 300, Add	1.68	
03 21	13 00-0140	LF	#18,	Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar 20.87		
				For Up To 100, Add	11.37	
				For >100 To 200, Add	5.88	
				For >200 To 300, Add	2.94	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21	13 00-0141		Walls, Galvanized Steel Reinforcement Bar <small>(03 21 13)</small>		
			Note: ASTM A-767 Hot Dipped Galvanized Steel.		
03 21	13 00-0142	LF	#3, Grade 40, Walls, Galvanized Steel Reinforcement Bar	0.67	
			For Up To 100, Add	0.52	
			For >100 To 200, Add	0.27	
			For >200 To 500, Add	0.11	
03 21	13 00-0143	LF	#4, Grade 40, Walls, Galvanized Steel Reinforcement Bar	1.15	
			For Up To 100, Add	0.90	
			For >100 To 200, Add	0.47	
			For >200 To 500, Add	0.19	
03 21	13 00-0144	LF	#5, Grade 40, Walls, Galvanized Steel Reinforcement Bar	1.74	
			For Up To 100, Add	1.39	
			For >100 To 200, Add	0.72	
			For >200 To 500, Add	0.29	
03 21	13 00-0145	LF	#6, Grade 40, Walls, Galvanized Steel Reinforcement Bar	2.44	
			For Up To 100, Add	1.97	
			For >100 To 200, Add	1.03	
			For >200 To 500, Add	0.41	
03 21	13 00-0146	LF	#3, Grade 50, Walls, Galvanized Steel Reinforcement Bar	0.68	
			For Up To 100, Add	0.53	
			For >100 To 200, Add	0.28	
			For >200 To 500, Add	0.11	
03 21	13 00-0147	LF	#4, Grade 50, Walls, Galvanized Steel Reinforcement Bar	1.17	
			For Up To 100, Add	0.92	
			For >100 To 200, Add	0.48	
			For >200 To 500, Add	0.19	
03 21	13 00-0148	LF	#5, Grade 50, Walls, Galvanized Steel Reinforcement Bar	1.78	
			For Up To 100, Add	1.43	
			For >100 To 200, Add	0.74	
			For >200 To 500, Add	0.30	
03 21	13 00-0149	LF	#6, Grade 50, Walls, Galvanized Steel Reinforcement Bar	2.49	
			For Up To 100, Add	2.02	
			For >100 To 200, Add	1.05	
			For >200 To 500, Add	0.42	
03 21	13 00-0150	LF	#3, Grade 60, Walls, Galvanized Steel Reinforcement Bar	0.70	
			For Up To 100, Add	0.55	
			For >100 To 200, Add	0.29	
			For >200 To 500, Add	0.12	
03 21	13 00-0151	LF	#4, Grade 60, Walls, Galvanized Steel Reinforcement Bar	1.21	
			For Up To 100, Add	0.96	
			For >100 To 200, Add	0.50	
			For >200 To 500, Add	0.20	
03 21	13 00-0152	LF	#5, Grade 60, Walls, Galvanized Steel Reinforcement Bar	1.84	
			For Up To 100, Add	1.49	
			For >100 To 200, Add	0.77	
			For >200 To 500, Add	0.31	
03 21	13 00-0153	LF	#6, Grade 60, Walls, Galvanized Steel Reinforcement Bar	2.58	
			For Up To 100, Add	2.11	
			For >100 To 200, Add	1.10	
			For >200 To 500, Add	0.44	
03 21	13 00-0154	LF	#7, Grade 60, Walls, Galvanized Steel Reinforcement Bar	3.41	
			For Up To 100, Add	2.17	
			For >100 To 200, Add	1.22	
			For >200 To 400, Add	0.59	
03 21	13 00-0155	LF	#8, Grade 60, Walls, Galvanized Steel Reinforcement Bar	4.34	
			For Up To 100, Add	2.80	
			For >100 To 200, Add	1.57	
			For >200 To 400, Add	0.75	
03 21	13 00-0156	LF	#9, Grade 60, Walls, Galvanized Steel Reinforcement Bar	5.42	
			For Up To 100, Add	3.53	
			For >100 To 200, Add	1.97	
			For >200 To 400, Add	0.95	
03 21	13 00-0157	LF	#10, Grade 60, Walls, Galvanized Steel Reinforcement Bar	6.71	
			For Up To 100, Add	3.56	
			For >100 To 200, Add	1.86	
			For >200 To 300, Add	0.93	
03 21	13 00-0158	LF	#11, Grade 60, Walls, Galvanized Steel Reinforcement Bar	8.11	
			For Up To 100, Add	4.34	
			For >100 To 200, Add	2.26	
			For >200 To 300, Add	1.13	
03 21	13 00-0159	LF	#14, Grade 60, Walls, Galvanized Steel Reinforcement Bar	11.42	
			For Up To 100, Add	6.17	
			For >100 To 200, Add	3.20	
			For >200 To 300, Add	1.60	
03 21	13 00-0160	LF	#18, Grade 60, Walls, Galvanized Steel Reinforcement Bar	19.85	
			For Up To 100, Add	10.84	
			For >100 To 200, Add	5.60	
			For >200 To 300, Add	2.80	
03 21	13 00-0161	LF	#6, Grade 75, Walls, Galvanized Steel Reinforcement Bar	2.66	
			For Up To 100, Add	2.19	
			For >100 To 200, Add	1.14	
			For >200 To 500, Add	0.45	
03 21	13 00-0162	LF	#7, Grade 75, Walls, Galvanized Steel Reinforcement Bar	3.52	
			For Up To 100, Add	2.26	
			For >100 To 200, Add	1.26	
			For >200 To 400, Add	0.61	
03 21	13 00-0163	LF	#8, Grade 75, Walls, Galvanized Steel Reinforcement Bar	4.48	
			For Up To 100, Add	2.90	
			For >100 To 200, Add	1.62	
			For >200 To 400, Add	0.78	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 21 13 00-0164	LF	#9, Grade 75, Walls, Galvanized Steel Reinforcement Bar	5.60		
		<i>For Up To 100, Add</i>	3.66		
		<i>For >100 To 200, Add</i>	2.04		
		<i>For >200 To 400, Add</i>	0.99		
03 21 13 00-0165	LF	#10, Grade 75, Walls, Galvanized Steel Reinforcement Bar	6.94		
		<i>For Up To 100, Add</i>	3.70		
		<i>For >100 To 200, Add</i>	1.93		
		<i>For >200 To 300, Add</i>	0.96		
03 21 13 00-0166	LF	#11, Grade 75, Walls, Galvanized Steel Reinforcement Bar	8.40		
		<i>For Up To 100, Add</i>	4.52		
		<i>For >100 To 200, Add</i>	2.35		
		<i>For >200 To 300, Add</i>	1.17		
03 21 13 00-0167	LF	#14, Grade 75, Walls, Galvanized Steel Reinforcement Bar	11.83		
		<i>For Up To 100, Add</i>	6.42		
		<i>For >100 To 200, Add</i>	3.32		
		<i>For >200 To 300, Add</i>	1.66		
03 21 13 00-0168	LF	#18, Grade 75, Walls, Galvanized Steel Reinforcement Bar	20.59		
		<i>For Up To 100, Add</i>	11.28		
		<i>For >100 To 200, Add</i>	5.82		
		<i>For >200 To 300, Add</i>	2.91		

03 21 16 Epoxy-Coated Reinforcement Steel Bars (03 21)
03 21 16 00-0001 Beams And Girders, Epoxy Coated Steel Reinforcement Bar (03 21 16)

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0002	LF	#3, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.79		
		<i>For Up To 100, Add</i>	0.56		
		<i>For >100 To 200, Add</i>	0.30		
		<i>For >200 To 500, Add</i>	0.12		
03 21 16 00-0003	LF	#4, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.34		
		<i>For Up To 100, Add</i>	0.96		
		<i>For >100 To 200, Add</i>	0.51		
		<i>For >200 To 500, Add</i>	0.21		
03 21 16 00-0004	LF	#5, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.02		
		<i>For Up To 100, Add</i>	1.47		
		<i>For >100 To 200, Add</i>	0.78		
		<i>For >200 To 500, Add</i>	0.31		
03 21 16 00-0005	LF	#6, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.81		
		<i>For Up To 100, Add</i>	2.08		
		<i>For >100 To 200, Add</i>	1.10		
		<i>For >200 To 500, Add</i>	0.44		
03 21 16 00-0006	LF	#3, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.80		
		<i>For Up To 100, Add</i>	0.57		
		<i>For >100 To 200, Add</i>	0.30		
		<i>For >200 To 500, Add</i>	0.12		
03 21 16 00-0007	LF	#4, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.37		
		<i>For Up To 100, Add</i>	0.99		
		<i>For >100 To 200, Add</i>	0.53		
		<i>For >200 To 500, Add</i>	0.21		
03 21 16 00-0008	LF	#5, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.06		
		<i>For Up To 100, Add</i>	1.51		
		<i>For >100 To 200, Add</i>	0.80		
		<i>For >200 To 500, Add</i>	0.32		
03 21 16 00-0009	LF	#6, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.86		
		<i>For Up To 100, Add</i>	2.13		
		<i>For >100 To 200, Add</i>	1.13		
		<i>For >200 To 500, Add</i>	0.45		
03 21 16 00-0010	LF	#3, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.82		
		<i>For Up To 100, Add</i>	0.59		
		<i>For >100 To 200, Add</i>	0.31		
		<i>For >200 To 500, Add</i>	0.13		
03 21 16 00-0011	LF	#4, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.40		
		<i>For Up To 100, Add</i>	1.02		
		<i>For >100 To 200, Add</i>	0.54		
		<i>For >200 To 500, Add</i>	0.22		
03 21 16 00-0012	LF	#5, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.12		
		<i>For Up To 100, Add</i>	1.57		
		<i>For >100 To 200, Add</i>	0.83		
		<i>For >200 To 500, Add</i>	0.33		
03 21 16 00-0013	LF	#6, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.95		
		<i>For Up To 100, Add</i>	2.22		
		<i>For >100 To 200, Add</i>	1.17		
		<i>For >200 To 500, Add</i>	0.47		
03 21 16 00-0014	LF	#7, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.86		
		<i>For Up To 100, Add</i>	2.30		
		<i>For >100 To 200, Add</i>	1.32		
		<i>For >200 To 400, Add</i>	0.62		
03 21 16 00-0015	LF	#8, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	4.85		
		<i>For Up To 100, Add</i>	2.93		
		<i>For >100 To 200, Add</i>	1.68		
		<i>For >200 To 400, Add</i>	0.79		
03 21 16 00-0016	LF	#9, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	5.99		
		<i>For Up To 100, Add</i>	3.67		
		<i>For >100 To 200, Add</i>	2.09		
		<i>For >200 To 400, Add</i>	0.99		
03 21 16 00-0017	LF	#10, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	7.36		
		<i>For Up To 100, Add</i>	3.70		
		<i>For >100 To 200, Add</i>	1.97		
		<i>For >200 To 300, Add</i>	0.98		

03 Concrete
03 20 Concrete Reinforcing
03 21 Reinforcement Bars

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 21 16 00-0018	LF #11, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	8.82	
	For Up To 100, Add	4.49	
	For >100 To 200, Add	2.38	
	For >200 To 300, Add	1.19	
03 21 16 00-0019	LF #14, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	12.31	
	For Up To 100, Add	6.35	
	For >100 To 200, Add	3.35	
	For >200 To 300, Add	1.67	
03 21 16 00-0020	LF #18, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	21.21	
	For Up To 100, Add	11.08	
	For >100 To 200, Add	5.81	
	For >200 To 300, Add	2.91	
03 21 16 00-0021	LF #6, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.03	
	For Up To 100, Add	2.30	
	For >100 To 200, Add	1.21	
	For >200 To 500, Add	0.49	
03 21 16 00-0022	LF #7, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.97	
	For Up To 100, Add	2.38	
	For >100 To 200, Add	1.36	
	For >200 To 400, Add	0.64	
03 21 16 00-0023	LF #8, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	4.99	
	For Up To 100, Add	3.04	
	For >100 To 200, Add	1.73	
	For >200 To 400, Add	0.82	
03 21 16 00-0024	LF #9, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	6.18	
	For Up To 100, Add	3.81	
	For >100 To 200, Add	2.16	
	For >200 To 400, Add	1.03	
03 21 16 00-0025	LF #10, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	7.60	
	For Up To 100, Add	3.84	
	For >100 To 200, Add	2.04	
	For >200 To 300, Add	1.02	
03 21 16 00-0026	LF #11, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	9.11	
	For Up To 100, Add	4.66	
	For >100 To 200, Add	2.47	
	For >200 To 300, Add	1.23	
03 21 16 00-0027	LF #14, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	12.73	
	For Up To 100, Add	6.60	
	For >100 To 200, Add	3.47	
	For >200 To 300, Add	1.74	
03 21 16 00-0028	LF #18, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	21.96	
	For Up To 100, Add	11.53	
	For >100 To 200, Add	6.04	
	For >200 To 300, Add	3.02	

03 21 16 00-0029 Columns, Epoxy Coated Steel Reinforcement Bar (03 21 16)

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0030	LF #3, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	0.82	
	For Up To 100, Add	0.57	
	For >100 To 200, Add	0.31	
	For >200 To 500, Add	0.12	
03 21 16 00-0031	LF #4, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	1.41	
	For Up To 100, Add	0.99	
	For >100 To 200, Add	0.53	
	For >200 To 500, Add	0.21	
03 21 16 00-0032	LF #5, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	2.11	
	For Up To 100, Add	1.51	
	For >100 To 200, Add	0.81	
	For >200 To 500, Add	0.32	
03 21 16 00-0033	LF #6, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	2.94	
	For Up To 100, Add	2.14	
	For >100 To 200, Add	1.14	
	For >200 To 500, Add	0.45	
03 21 16 00-0034	LF #3, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	0.83	
	For Up To 100, Add	0.58	
	For >100 To 200, Add	0.31	
	For >200 To 500, Add	0.12	
03 21 16 00-0035	LF #4, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	1.44	
	For Up To 100, Add	1.02	
	For >100 To 200, Add	0.55	
	For >200 To 500, Add	0.22	
03 21 16 00-0036	LF #5, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	2.15	
	For Up To 100, Add	1.55	
	For >100 To 200, Add	0.83	
	For >200 To 500, Add	0.33	
03 21 16 00-0037	LF #6, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	2.99	
	For Up To 100, Add	2.19	
	For >100 To 200, Add	1.16	
	For >200 To 500, Add	0.46	
03 21 16 00-0038	LF #3, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	0.85	
	For Up To 100, Add	0.60	
	For >100 To 200, Add	0.32	
	For >200 To 500, Add	0.13	
03 21 16 00-0039	LF #4, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	1.47	
	For Up To 100, Add	1.05	
	For >100 To 200, Add	0.56	
	For >200 To 500, Add	0.22	

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0040	LF #5, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	2.21	
	For Up To 100, Add		1.61	
	For >100 To 200, Add		0.86	
	For >200 To 500, Add		0.34	
03 21 16 00-0041	LF #6, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	3.08	
	For Up To 100, Add		2.28	
	For >100 To 200, Add		1.21	
	For >200 To 500, Add		0.48	
03 21 16 00-0042	LF #7, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	4.01	
	For Up To 100, Add		2.35	
	For >100 To 200, Add		1.36	
	For >200 To 400, Add		0.64	
03 21 16 00-0043	LF #8, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	5.02	
	For Up To 100, Add		2.99	
	For >100 To 200, Add		1.72	
	For >200 To 400, Add		0.81	
03 21 16 00-0044	LF #9, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	6.19	
	For Up To 100, Add		3.74	
	For >100 To 200, Add		2.14	
	For >200 To 400, Add		1.01	
03 21 16 00-0045	LF #10, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	7.59	
	For Up To 100, Add		3.77	
	For >100 To 200, Add		2.02	
	For >200 To 300, Add		1.01	
03 21 16 00-0046	LF #11, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	9.08	
	For Up To 100, Add		4.57	
	For >100 To 200, Add		2.43	
	For >200 To 300, Add		1.22	
03 21 16 00-0047	LF #14, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	12.67	
	For Up To 100, Add		6.45	
	For >100 To 200, Add		3.42	
	For >200 To 300, Add		1.71	
03 21 16 00-0048	LF #18, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	21.76	
	For Up To 100, Add		11.24	
	For >100 To 200, Add		5.92	
	For >200 To 300, Add		2.96	
03 21 16 00-0049	LF #6, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	.....	3.16	
	For Up To 100, Add		2.36	
	For >100 To 200, Add		1.25	
	For >200 To 500, Add		0.50	
03 21 16 00-0050	LF #7, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	.....	4.12	
	For Up To 100, Add		2.43	
	For >100 To 200, Add		1.40	
	For >200 To 400, Add		0.66	
03 21 16 00-0051	LF #8, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	.....	5.16	
	For Up To 100, Add		3.10	
	For >100 To 200, Add		1.77	
	For >200 To 400, Add		0.84	
03 21 16 00-0052	LF #9, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	.....	6.38	
	For Up To 100, Add		3.88	
	For >100 To 200, Add		2.21	
	For >200 To 400, Add		1.05	
03 21 16 00-0053	LF #10, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	.....	7.83	
	For Up To 100, Add		3.91	
	For >100 To 200, Add		2.09	
	For >200 To 300, Add		1.04	
03 21 16 00-0054	LF #11, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	.....	9.37	
	For Up To 100, Add		4.74	
	For >100 To 200, Add		2.52	
	For >200 To 300, Add		1.26	
03 21 16 00-0055	LF #14, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	.....	13.09	
	For Up To 100, Add		6.71	
	For >100 To 200, Add		3.54	
	For >200 To 300, Add		1.77	
03 21 16 00-0056	LF #18, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	.....	22.51	
	For Up To 100, Add		11.69	
	For >100 To 200, Add		6.15	
	For >200 To 300, Add		3.07	
03 21 16 00-0057	Footings, Epoxy Coated Steel Reinforcement Bar <small>(03 21 16)</small>			
	Note: ASTM A-775 Epoxy Coated Steel.			
03 21 16 00-0058	LF #3, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	.....	0.73	
	For Up To 100, Add		0.53	
	For >100 To 200, Add		0.28	
	For >200 To 500, Add		0.11	
03 21 16 00-0059	LF #4, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	.....	1.25	
	For Up To 100, Add		0.93	
	For >100 To 200, Add		0.49	
	For >200 To 500, Add		0.20	
03 21 16 00-0060	LF #5, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	.....	1.89	
	For Up To 100, Add		1.42	
	For >100 To 200, Add		0.75	
	For >200 To 500, Add		0.30	
03 21 16 00-0061	LF #6, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	.....	2.63	
	For Up To 100, Add		2.01	
	For >100 To 200, Add		1.06	
	For >200 To 500, Add		0.42	

03	Concrete
03 20	Concrete Reinforcing
03 21	Reinforcement Bars

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21	16 00-0062	LF	#3, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar.....	0.74	
			For Up To 100, Add	0.54	
			For >100 To 200, Add	0.29	
			For >200 To 500, Add	0.12	
03 21	16 00-0063	LF	#4, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar.....	1.28	
03 21	16 00-0064	LF	#5, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar.....	1.93	
			For Up To 100, Add	1.46	
			For >100 To 200, Add	0.77	
			For >200 To 500, Add	0.31	
03 21	16 00-0065	LF	#6, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar.....	2.68	
			For Up To 100, Add	2.06	
			For >100 To 200, Add	1.08	
			For >200 To 500, Add	0.43	
03 21	16 00-0066	LF	#3, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar.....	0.76	
			For Up To 100, Add	0.56	
			For >100 To 200, Add	0.30	
			For >200 To 500, Add	0.12	
03 21	16 00-0067	LF	#4, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar.....	1.31	
			For Up To 100, Add	0.99	
			For >100 To 200, Add	0.52	
			For >200 To 500, Add	0.21	
03 21	16 00-0068	LF	#5, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar.....	1.99	
			For Up To 100, Add	1.52	
			For >100 To 200, Add	0.80	
			For >200 To 500, Add	0.32	
03 21	16 00-0069	LF	#6, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar.....	2.77	
			For Up To 100, Add	2.15	
			For >100 To 200, Add	1.13	
			For >200 To 500, Add	0.45	
03 21	16 00-0070	LF	#7, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar.....	3.64	
			For Up To 100, Add	2.22	
			For >100 To 200, Add	1.26	
			For >200 To 400, Add	0.60	
03 21	16 00-0071	LF	#8, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar.....	4.59	
			For Up To 100, Add	2.84	
			For >100 To 200, Add	1.61	
			For >200 To 400, Add	0.77	
03 21	16 00-0072	LF	#9, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar.....	5.68	
			For Up To 100, Add	3.56	
			For >100 To 200, Add	2.01	
			For >200 To 400, Add	0.96	
03 21	16 00-0073	LF	#10, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar.....	7.00	
			For Up To 100, Add	3.59	
			For >100 To 200, Add	1.90	
			For >200 To 300, Add	0.95	
03 21	16 00-0074	LF	#11, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar.....	8.42	
			For Up To 100, Add	4.37	
			For >100 To 200, Add	2.30	
			For >200 To 300, Add	1.15	
03 21	16 00-0075	LF	#14, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar.....	11.79	
			For Up To 100, Add	6.19	
			For >100 To 200, Add	3.24	
			For >200 To 300, Add	1.62	
03 21	16 00-0076	LF	#18, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar.....	20.38	
			For Up To 100, Add	10.83	
			For >100 To 200, Add	5.65	
			For >200 To 300, Add	2.82	
03 21	16 00-0077	LF	#6, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar.....	2.85	
			For Up To 100, Add	2.23	
			For >100 To 200, Add	1.17	
			For >200 To 500, Add	0.47	
03 21	16 00-0078	LF	#7, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar.....	3.75	
			For Up To 100, Add	2.30	
			For >100 To 200, Add	1.31	
			For >200 To 400, Add	0.62	
03 21	16 00-0079	LF	#8, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar.....	4.73	
			For Up To 100, Add	2.95	
			For >100 To 200, Add	1.67	
			For >200 To 400, Add	0.80	
03 21	16 00-0080	LF	#9, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar.....	5.87	
			For Up To 100, Add	3.70	
			For >100 To 200, Add	2.09	
			For >200 To 400, Add	1.00	
03 21	16 00-0081	LF	#10, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar.....	7.24	
			For Up To 100, Add	3.74	
			For >100 To 200, Add	1.97	
			For >200 To 300, Add	0.98	
03 21	16 00-0082	LF	#11, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar.....	8.71	
			For Up To 100, Add	4.54	
			For >100 To 200, Add	2.39	
			For >200 To 300, Add	1.19	
03 21	16 00-0083	LF	#14, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar.....	12.21	
			For Up To 100, Add	6.44	
			For >100 To 200, Add	3.37	
			For >200 To 300, Add	1.68	
03 21	16 00-0084	LF	#18, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar.....	21.13	
			For Up To 100, Add	11.28	
			For >100 To 200, Add	5.87	
			For >200 To 300, Add	2.94	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 21 16 00-0085	Slab On Grade, Epoxy Coated Steel Reinforcement Bar <small>(03 21 16)</small>		
	Note: ASTM A-775 Epoxy Coated Steel.		
03 21 16 00-0086	LF #3, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	0.71	
	For Up To 100, Add	0.52	
	For >100 To 200, Add	0.28	
	For >200 To 500, Add	0.11	
03 21 16 00-0087	LF #4, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	1.22	
	For Up To 100, Add	0.91	
	For >100 To 200, Add	0.48	
	For >200 To 500, Add	0.19	
03 21 16 00-0088	LF #5, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	1.84	
	For Up To 100, Add	1.40	
	For >100 To 200, Add	0.74	
	For >200 To 500, Add	0.30	
03 21 16 00-0089	LF #6, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	2.56	
	For Up To 100, Add	1.98	
	For >100 To 200, Add	1.04	
	For >200 To 500, Add	0.42	
03 21 16 00-0090	LF #3, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	0.72	
	For Up To 100, Add	0.53	
	For >100 To 200, Add	0.28	
	For >200 To 500, Add	0.11	
03 21 16 00-0091	LF #4, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	1.25	
	For Up To 100, Add	0.94	
	For >100 To 200, Add	0.50	
	For >200 To 500, Add	0.20	
03 21 16 00-0092	LF #5, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	1.88	
	For Up To 100, Add	1.44	
	For >100 To 200, Add	0.76	
	For >200 To 500, Add	0.30	
03 21 16 00-0093	LF #6, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	2.61	
	For Up To 100, Add	2.03	
	For >100 To 200, Add	1.07	
	For >200 To 500, Add	0.43	
03 21 16 00-0094	LF #3, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	0.74	
	For Up To 100, Add	0.55	
	For >100 To 200, Add	0.29	
	For >200 To 500, Add	0.12	
03 21 16 00-0095	LF #4, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	1.28	
	For Up To 100, Add	0.97	
	For >100 To 200, Add	0.51	
	For >200 To 500, Add	0.21	
03 21 16 00-0096	LF #5, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	1.94	
	For Up To 100, Add	1.50	
	For >100 To 200, Add	0.79	
	For >200 To 500, Add	0.32	
03 21 16 00-0097	LF #6, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	2.70	
	For Up To 100, Add	2.12	
	For >100 To 200, Add	1.11	
	For >200 To 500, Add	0.44	
03 21 16 00-0098	LF #7, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	3.57	
	For Up To 100, Add	2.19	
	For >100 To 200, Add	1.25	
	For >200 To 400, Add	0.59	
03 21 16 00-0099	LF #8, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	4.50	
	For Up To 100, Add	2.81	
	For >100 To 200, Add	1.59	
	For >200 To 400, Add	0.76	
03 21 16 00-0100	LF #9, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	5.58	
	For Up To 100, Add	3.53	
	For >100 To 200, Add	1.98	
	For >200 To 400, Add	0.95	
03 21 16 00-0101	LF #10, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	6.88	
	For Up To 100, Add	3.56	
	For >100 To 200, Add	1.87	
	For >200 To 300, Add	0.94	
03 21 16 00-0102	LF #11, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	8.29	
	For Up To 100, Add	4.33	
	For >100 To 200, Add	2.27	
	For >200 To 300, Add	1.14	
03 21 16 00-0103	LF #14, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	11.61	
	For Up To 100, Add	6.14	
	For >100 To 200, Add	3.21	
	For >200 To 300, Add	1.60	
03 21 16 00-0104	LF #18, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	20.11	
	For Up To 100, Add	10.75	
	For >100 To 200, Add	5.59	
	For >200 To 300, Add	2.80	
03 21 16 00-0105	LF #6, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	2.78	
	For Up To 100, Add	2.20	
	For >100 To 200, Add	1.15	
	For >200 To 500, Add	0.46	
03 21 16 00-0106	LF #7, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	3.68	
	For Up To 100, Add	2.28	
	For >100 To 200, Add	1.29	
	For >200 To 400, Add	0.62	
03 21 16 00-0107	LF #8, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	4.64	
	For Up To 100, Add	2.92	
	For >100 To 200, Add	1.64	
	For >200 To 400, Add	0.79	

03 Concrete
03 20 Concrete Reinforcing
03 21 Reinforcement Bars

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 21 16 00-0108	LF #9, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	5.77	
	For Up To 100, Add	3.67	
	For >100 To 200, Add	2.06	
	For >200 To 400, Add	0.99	
03 21 16 00-0109	LF #10, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	7.12	
	For Up To 100, Add	3.70	
	For >100 To 200, Add	1.95	
	For >200 To 300, Add	0.97	
03 21 16 00-0110	LF #11, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	8.58	
	For Up To 100, Add	4.50	
	For >100 To 200, Add	2.36	
	For >200 To 300, Add	1.18	
03 21 16 00-0111	LF #14, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	12.03	
	For Up To 100, Add	6.39	
	For >100 To 200, Add	3.33	
	For >200 To 300, Add	1.67	
03 21 16 00-0112	LF #18, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	20.86	
	For Up To 100, Add	11.20	
	For >100 To 200, Add	5.82	
	For >200 To 300, Add	2.91	
03 21 16 00-0113	Elevated Slabs, Epoxy Coated Steel Reinforcement Bar <small>(03 21 16)</small>		
	Note: ASTM A-775 Epoxy Coated Steel.		
03 21 16 00-0114	LF #3, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	0.67	
	For Up To 100, Add	0.51	
	For >100 To 200, Add	0.27	
	For >200 To 500, Add	0.11	
03 21 16 00-0115	LF #4, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.15	
	For Up To 100, Add	0.89	
	For >100 To 200, Add	0.47	
	For >200 To 500, Add	0.19	
03 21 16 00-0116	LF #5, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.75	
	For Up To 100, Add	1.37	
	For >100 To 200, Add	0.72	
	For >200 To 500, Add	0.29	
03 21 16 00-0117	LF #6, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	2.44	
	For Up To 100, Add	1.94	
	For >100 To 200, Add	1.01	
	For >200 To 500, Add	0.40	
03 21 16 00-0118	LF #3, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	0.68	
	For Up To 100, Add	0.52	
	For >100 To 200, Add	0.27	
	For >200 To 500, Add	0.11	
03 21 16 00-0119	LF #4, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.18	
	For Up To 100, Add	0.92	
	For >100 To 200, Add	0.48	
	For >200 To 500, Add	0.19	
03 21 16 00-0120	LF #5, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.79	
	For Up To 100, Add	1.41	
	For >100 To 200, Add	0.74	
	For >200 To 500, Add	0.29	
03 21 16 00-0121	LF #6, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	2.49	
	For Up To 100, Add	1.99	
	For >100 To 200, Add	1.04	
	For >200 To 500, Add	0.41	
03 21 16 00-0122	LF #3, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	0.70	
	For Up To 100, Add	0.54	
	For >100 To 200, Add	0.28	
	For >200 To 500, Add	0.11	
03 21 16 00-0123	LF #4, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.21	
	For Up To 100, Add	0.95	
	For >100 To 200, Add	0.50	
	For >200 To 500, Add	0.20	
03 21 16 00-0124	LF #5, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.85	
	For Up To 100, Add	1.47	
	For >100 To 200, Add	0.77	
	For >200 To 500, Add	0.31	
03 21 16 00-0125	LF #6, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	2.58	
	For Up To 100, Add	2.08	
	For >100 To 200, Add	1.08	
	For >200 To 500, Add	0.43	
03 21 16 00-0126	LF #7, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	3.41	
	For Up To 100, Add	2.14	
	For >100 To 200, Add	1.21	
	For >200 To 400, Add	0.58	
03 21 16 00-0127	LF #8, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	4.32	
	For Up To 100, Add	2.75	
	For >100 To 200, Add	1.54	
	For >200 To 400, Add	0.74	
03 21 16 00-0128	LF #9, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	5.38	
	For Up To 100, Add	3.46	
	For >100 To 200, Add	1.93	
	For >200 To 400, Add	0.93	
03 21 16 00-0129	LF #10, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	6.65	
	For Up To 100, Add	3.49	
	For >100 To 200, Add	1.83	
	For >200 To 300, Add	0.91	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 21 16 00-0130	LF	#11, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	8.02		
		For Up To 100, Add	4.25		
		For >100 To 200, Add	2.22		
		For >200 To 300, Add	1.11		
03 21 16 00-0131	LF	#14, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	11.27		
		For Up To 100, Add	6.03		
		For >100 To 200, Add	3.14		
		For >200 To 300, Add	1.57		
03 21 16 00-0132	LF	#18, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	19.57		
		For Up To 100, Add	10.59		
		For >100 To 200, Add	5.49		
		For >200 To 300, Add	2.74		
03 21 16 00-0133	LF	#6, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	2.66		
		For Up To 100, Add	2.16		
		For >100 To 200, Add	1.12		
		For >200 To 500, Add	0.45		
03 21 16 00-0134	LF	#7, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	3.52		
		For Up To 100, Add	2.22		
		For >100 To 200, Add	1.25		
		For >200 To 400, Add	0.60		
03 21 16 00-0135	LF	#8, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	4.46		
		For Up To 100, Add	2.85		
		For >100 To 200, Add	1.60		
		For >200 To 400, Add	0.77		
03 21 16 00-0136	LF	#9, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	5.57		
		For Up To 100, Add	3.60		
		For >100 To 200, Add	2.01		
		For >200 To 400, Add	0.97		
03 21 16 00-0137	LF	#10, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	6.89		
		For Up To 100, Add	3.63		
		For >100 To 200, Add	1.90		
		For >200 To 300, Add	0.95		
03 21 16 00-0138	LF	#11, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	8.31		
		For Up To 100, Add	4.42		
		For >100 To 200, Add	2.31		
		For >200 To 300, Add	1.15		
03 21 16 00-0139	LF	#14, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	11.69		
		For Up To 100, Add	6.29		
		For >100 To 200, Add	3.26		
		For >200 To 300, Add	1.63		
03 21 16 00-0140	LF	#18, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	20.32		
		For Up To 100, Add	11.04		
		For >100 To 200, Add	5.71		
		For >200 To 300, Add	2.86		

03 21 16 00-0141 Walls, Epoxy Coated Steel Reinforcement Bar (03 21 16)

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0142	LF	#3, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar.....	0.65		
		For Up To 100, Add	0.50		
		For >100 To 200, Add	0.26		
		For >200 To 500, Add	0.11		
03 21 16 00-0143	LF	#4, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.12		
		For Up To 100, Add	0.87		
		For >100 To 200, Add	0.46		
		For >200 To 500, Add	0.18		
03 21 16 00-0144	LF	#5, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.70		
		For Up To 100, Add	1.35		
		For >100 To 200, Add	0.70		
		For >200 To 500, Add	0.28		
03 21 16 00-0145	LF	#6, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar.....	2.38		
		For Up To 100, Add	1.91		
		For >100 To 200, Add	1.00		
		For >200 To 500, Add	0.40		
03 21 16 00-0146	LF	#3, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar.....	0.66		
		For Up To 100, Add	0.51		
		For >100 To 200, Add	0.27		
		For >200 To 500, Add	0.11		
03 21 16 00-0147	LF	#4, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.15		
		For Up To 100, Add	0.90		
		For >100 To 200, Add	0.47		
		For >200 To 500, Add	0.19		
03 21 16 00-0148	LF	#5, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.74		
		For Up To 100, Add	1.39		
		For >100 To 200, Add	0.72		
		For >200 To 500, Add	0.29		
03 21 16 00-0149	LF	#6, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar.....	2.43		
		For Up To 100, Add	1.96		
		For >100 To 200, Add	1.02		
		For >200 To 500, Add	0.41		
03 21 16 00-0150	LF	#3, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	0.68		
		For Up To 100, Add	0.53		
		For >100 To 200, Add	0.28		
		For >200 To 500, Add	0.11		
03 21 16 00-0151	LF	#4, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.18		
		For Up To 100, Add	0.93		
		For >100 To 200, Add	0.49		
		For >200 To 500, Add	0.20		

03 Concrete
03 20 Concrete Reinforcing
03 21 Reinforcement Bars

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 21 16 00-0152	LF #5, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.80	
	<i>For Up To 100, Add</i>	1.45	
	<i>For >100 To 200, Add</i>	0.75	
	<i>For >200 To 500, Add</i>	0.30	
03 21 16 00-0153	LF #6, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	2.52	
	<i>For Up To 100, Add</i>	2.05	
	<i>For >100 To 200, Add</i>	1.07	
	<i>For >200 To 500, Add</i>	0.43	
03 21 16 00-0154	LF #7, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	3.32	
	<i>For Up To 100, Add</i>	2.11	
	<i>For >100 To 200, Add</i>	1.18	
	<i>For >200 To 400, Add</i>	0.57	
03 21 16 00-0155	LF #8, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	4.23	
	<i>For Up To 100, Add</i>	2.72	
	<i>For >100 To 200, Add</i>	1.52	
	<i>For >200 To 400, Add</i>	0.73	
03 21 16 00-0156	LF #9, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	5.28	
	<i>For Up To 100, Add</i>	3.42	
	<i>For >100 To 200, Add</i>	1.91	
	<i>For >200 To 400, Add</i>	0.92	
03 21 16 00-0157	LF #10, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	6.53	
	<i>For Up To 100, Add</i>	3.45	
	<i>For >100 To 200, Add</i>	1.80	
	<i>For >200 To 300, Add</i>	0.90	
03 21 16 00-0158	LF #11, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	7.89	
	<i>For Up To 100, Add</i>	4.21	
	<i>For >100 To 200, Add</i>	2.19	
	<i>For >200 To 300, Add</i>	1.10	
03 21 16 00-0159	LF #14, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	11.10	
	<i>For Up To 100, Add</i>	5.98	
	<i>For >100 To 200, Add</i>	3.10	
	<i>For >200 To 300, Add</i>	1.55	
03 21 16 00-0160	LF #18, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	19.29	
	<i>For Up To 100, Add</i>	10.50	
	<i>For >100 To 200, Add</i>	5.43	
	<i>For >200 To 300, Add</i>	2.72	
03 21 16 00-0161	LF #6, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	2.60	
	<i>For Up To 100, Add</i>	2.13	
	<i>For >100 To 200, Add</i>	1.11	
	<i>For >200 To 500, Add</i>	0.44	
03 21 16 00-0162	LF #7, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	3.43	
	<i>For Up To 100, Add</i>	2.19	
	<i>For >100 To 200, Add</i>	1.23	
	<i>For >200 To 400, Add</i>	0.59	
03 21 16 00-0163	LF #8, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	4.37	
	<i>For Up To 100, Add</i>	2.82	
	<i>For >100 To 200, Add</i>	1.58	
	<i>For >200 To 400, Add</i>	0.76	
03 21 16 00-0164	LF #9, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	5.47	
	<i>For Up To 100, Add</i>	3.56	
	<i>For >100 To 200, Add</i>	1.99	
	<i>For >200 To 400, Add</i>	0.96	
03 21 16 00-0165	LF #10, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	6.77	
	<i>For Up To 100, Add</i>	3.59	
	<i>For >100 To 200, Add</i>	1.88	
	<i>For >200 To 300, Add</i>	0.94	
03 21 16 00-0166	LF #11, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	8.18	
	<i>For Up To 100, Add</i>	4.38	
	<i>For >100 To 200, Add</i>	2.28	
	<i>For >200 To 300, Add</i>	1.14	
03 21 16 00-0167	LF #14, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	11.52	
	<i>For Up To 100, Add</i>	6.23	
	<i>For >100 To 200, Add</i>	3.23	
	<i>For >200 To 300, Add</i>	1.62	
03 21 16 00-0168	LF #18, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	20.04	
	<i>For Up To 100, Add</i>	10.95	
	<i>For >100 To 200, Add</i>	5.66	
	<i>For >200 To 300, Add</i>	2.83	

03 21 16 00-0169 Epoxy Coated Deformed Straight Dowels (03 21 16)

Note: Excludes drilling. See CSI section 02 41 19 13-0221 for drilling in concrete.

03 21 16 00-0170	EA 3/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	4.83	
	<i>For Up To 12" Length, Deduct</i>	-0.49	
	<i>For >12" To <24" Length, Deduct</i>	-0.25	
03 21 16 00-0171	EA 1/2" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	5.70	
	<i>For Up To 12" Length, Deduct</i>	-0.74	
	<i>For >12" To <24" Length, Deduct</i>	-0.37	
03 21 16 00-0172	EA 5/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	7.08	
	<i>For Up To 12" Length, Deduct</i>	-1.11	
	<i>For >12" To <24" Length, Deduct</i>	-0.55	
03 21 16 00-0173	EA 3/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	8.80	
	<i>For Up To 12" Length, Deduct</i>	-1.47	
	<i>For >12" To <24" Length, Deduct</i>	-0.74	
03 21 16 00-0174	EA 7/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	10.60	
	<i>For Up To 12" Length, Deduct</i>	-2.00	
	<i>For >12" To <24" Length, Deduct</i>	-1.00	
03 21 16 00-0175	EA 1" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	12.34	
	<i>For Up To 12" Length, Deduct</i>	-2.47	
	<i>For >12" To <24" Length, Deduct</i>	-1.23	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 21 16 00-0176	EA 1-1/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	14.57
	For Up To 12" Length, Deduct	-2.99
	For >12" To <24" Length, Deduct	-1.49
03 21 16 00-0177	EA 1-1/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	17.55
	For Up To 12" Length, Deduct	-3.62
	For >12" To <24" Length, Deduct	-1.81

03 22 Fabric and Grid Reinforcing (03 20)

03 22 11 Plain Steel Welded Wire Fabric Reinforcing (03 22)

Note: Includes cutting, tie wire, tying, overlap, bar chairs and all non-mechanical splicing.

03 22 11 00-0001 Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (03 22 11)

Note: Includes bar chairs. Under 5 tons. ASTM A-185

03 22 11 00-0002	SF 6" x 6" x #10, 21 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	0.98
	For >5 Ton, Deduct	-0.14
03 22 11 00-0003	SF 6" x 6" x #8, 30 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	1.13
	For >5 Ton, Deduct	-0.16
03 22 11 00-0004	SF 6" x 6" x #6, 42 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	1.32
	For >5 Ton, Deduct	-0.18
03 22 11 00-0005	SF 6" x 6" x #4, 58 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	1.62
	For >5 Ton, Deduct	-0.21
03 22 11 00-0006	SF 4" x 4" x #10, 31 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	1.21
	For >5 Ton, Deduct	-0.17
03 22 11 00-0007	SF 4" x 4" x #8, 44 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	1.39
	For >5 Ton, Deduct	-0.19
03 22 11 00-0008	SF 4" x 4" x #6, 62 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	1.87
	For >5 Ton, Deduct	-0.24
03 22 11 00-0009	SF 4" x 4" x #4, 85 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	2.22
	For >5 Ton, Deduct	-0.28
03 22 11 00-0010	SF 2" x 2" x #12, 37 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W0.9 x W0.9)	2.16
	For >5 Ton, Deduct	-0.26

03 22 13 Galvanized Welded Wire Fabric Reinforcing (03 22)

03 22 13 00-0001 Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (03 22 13)

Note: Includes bar chairs. Under 5 tons.

03 22 13 00-0002	SF 6" x 6" x #10, 21 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	1.14
	For >5 Ton, Deduct	-0.15
03 22 13 00-0003	SF 6" x 6" x #8, 29 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	1.33
	For >5 Ton, Deduct	-0.18
03 22 13 00-0004	SF 6" x 6" x #6, 42 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	1.57
	For >5 Ton, Deduct	-0.21
03 22 13 00-0005	SF 6" x 6" x #4, 58 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	1.98
	For >5 Ton, Deduct	-0.25
03 22 13 00-0006	SF 4" x 4" x #10, 31 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	1.44
	For >5 Ton, Deduct	-0.19
03 22 13 00-0007	SF 4" x 4" x #8, 43 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	1.67
	For >5 Ton, Deduct	-0.22
03 22 13 00-0008	SF 4" x 4" x #6, 62 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	2.32
	For >5 Ton, Deduct	-0.28
03 22 13 00-0009	SF 4" x 4" x #4, 85 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	2.79
	For >5 Ton, Deduct	-0.34

03 22 13 00-0010 Galvanized Welded Wire Reinforcement Wrap Placed In Beams And Columns (03 22 13)

Note: Includes bar chairs. Under 5 tons.

03 22 13 00-0011	SF 2" x 2" x #14, 21 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Wrap Placed In Beams And Columns (W0.5 x W0.5)	3.65
	For >5 Ton, Deduct	-0.54

03 22 16 Epoxy-Coated Welded Wire Fabric Reinforcing (03 22)

03 22 16 00-0001 Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (03 22 16)

Note: Includes bar chairs. Under 5 tons.

03 22 16 00-0002	SF 6" x 6" x #10, 21 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	1.12
	For >5 Ton, Deduct	-0.15
03 22 16 00-0003	SF 6" x 6" x #8, 29 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	1.30
	For >5 Ton, Deduct	-0.18
03 22 16 00-0004	SF 6" x 6" x #6, 42 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	1.54
	For >5 Ton, Deduct	-0.20
03 22 16 00-0005	SF 6" x 6" x #4, 58 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	1.93
	For >5 Ton, Deduct	-0.24
03 22 16 00-0006	SF 4" x 4" x #10, 31 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	1.41
	For >5 Ton, Deduct	-0.19
03 22 16 00-0007	SF 4" x 4" x #8, 43 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	1.64
	For >5 Ton, Deduct	-0.21
03 22 16 00-0008	SF 4" x 4" x #6, 62 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	2.27
	For >5 Ton, Deduct	-0.28
03 22 16 00-0009	SF 4" x 4" x #4, 85 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	2.72
	For >5 Ton, Deduct	-0.33

MINOR	CSI	UOM	DESCRIPTION
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TOTAL DIRECT	DEMOLITION
UNIT COST	UNIT COST

03 30 Cast-In-Place Concrete ⁽⁰³⁾

03 30 53 Miscellaneous Cast-in-Place Concrete ^(03 30)

03 30 53 00-0001	Place Concrete Duct Bank ^(03 30 53)	
03 30 53 00-0002	CY Direct Chute, Place 3,000 PSI Concrete Duct Bank	213.72
	<i>For 2,000 PSI Concrete, Deduct</i>	-9.81
	<i>For 2,500 PSI Concrete, Deduct</i>	-4.91
	<i>For 3,500 PSI Concrete, Add</i>	9.09
	<i>For 3,750 PSI Concrete, Add</i>	12.36
	<i>For 4,000 PSI Concrete, Add</i>	15.63
	<i>For 4,500 PSI Concrete, Add</i>	18.18
	<i>For 5,000 PSI Concrete, Add</i>	20.72
	<i>For 6,000 PSI Concrete, Add</i>	49.07
	<i>For 7,500 PSI Concrete, Add</i>	121.86
	<i>For White Cement Concrete, Add</i>	21.81
	<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	23.63
	<i>For High Early Strength, Type 3 ASTM C150, Add</i>	18.18
	<i>For Lightweight Aggregate, ASTM C330, Add</i>	63.61
	<i>For Up To 20, Add</i>	12.79
	<i>For >20 To 50, Add</i>	4.80
	<i>For >100 To 200, Deduct</i>	-4.27
	<i>For >200 To 400, Deduct</i>	-8.55
	<i>For >400, Deduct</i>	-12.82

03 30 53 00-0003	Place Concrete Thrust Blocks And Backfill ^(03 30 53)	
03 30 53 00-0004	CY Direct Chute, Place 3,000 PSI Concrete Thrust Blocks	253.94
	<i>For 2,000 PSI Concrete, Deduct</i>	-9.81
	<i>For 2,500 PSI Concrete, Deduct</i>	-4.91
	<i>For 3,500 PSI Concrete, Add</i>	9.09
	<i>For 3,750 PSI Concrete, Add</i>	12.36
	<i>For 4,000 PSI Concrete, Add</i>	15.63
	<i>For 4,500 PSI Concrete, Add</i>	18.18
	<i>For 5,000 PSI Concrete, Add</i>	20.72
	<i>For 6,000 PSI Concrete, Add</i>	49.07
	<i>For 7,500 PSI Concrete, Add</i>	121.86
	<i>For White Cement Concrete, Add</i>	21.81
	<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	23.63
	<i>For High Early Strength, Type 3 ASTM C150, Add</i>	18.18
	<i>For Lightweight Aggregate, ASTM C330, Add</i>	63.61

03 30 53 00-0005	Place Concrete Slurry ^(03 30 53)	
03 30 53 00-0006	CY Direct Chute, Place Two Sack Cement, Concrete Slurry	197.24
	Note: Two 94# sack cement per CY.	
03 30 53 00-0007	CY Concrete Pump, Place Two Sack Cement, Concrete Slurry	190.88
	Note: Two 94# sack cement per CY. Excludes pumping equipment.	

03 30 53 00-0008	Hand Mix And Place Concrete ^(03 30 53)	
03 30 53 00-0009	CF Hand Mix And Place Concrete	19.61
	Note: For use where conventional equipment access is limited or when directed by the owner. Includes local aggregate, sand, bagged cement (Type I) and water.	
	<i>For Up To 25 CF, Add</i>	2.35
	<i>For 2,000 PSI Concrete, Deduct</i>	-0.42
	<i>For 2,500 PSI Concrete, Deduct</i>	-0.21
	<i>For 3,500 PSI Concrete, Add</i>	0.39

03 31 Structural Concrete ^(03 30)

03 31 13 Heavyweight Structural Concrete ^(03 31)

Note: Includes delivery, fuel charge and placement of material. See CSI section 02 41 00 00-0000 for demolition, 03 05 13 00-0001 for admixtures, 03 11 00 00-0000 for forming, 03 20 00 00-0000 for reinforcing, 03 31 13 00-0092 for small concrete purchases (short load), 03 35 00 00-0000 for finishing, 03 39 00 00-0000 for curing.

03 31 13 00-0001	Equipment Pads ^(03 31 13)	
03 31 13 00-0002	Small Concrete Equipment Housekeeping Pad Assemblies ^(03 31 13 00-0001)	
	Note: Includes forms, hand mix concrete, finish, curing and reinforcing. For up to 50 SF per pad and up to 5 pads per project. See CSI section 03 31 13 00-0008 for >50 SF concrete pads.	
03 31 13 00-0003	SF 4" Equipment Pad With Welded Wire Reinforcement	18.32
	<i>For >5 To 20 Pads, Deduct</i>	-2.21
	<i>For >20 To 50 Pads, Deduct</i>	-4.05
	<i>For >50 Pads, Deduct</i>	-5.89
03 31 13 00-0004	SF 4" Equipment Pad With Rebar	22.62
	<i>For >5 To 20 Pads, Deduct</i>	-2.55
	<i>For >20 To 50 Pads, Deduct</i>	-4.68
	<i>For >50 Pads, Deduct</i>	-6.80
03 31 13 00-0005	SF 6" Equipment Pad With Rebar	28.48
	<i>For >5 To 20 Pads, Deduct</i>	-3.21
	<i>For >20 To 50 Pads, Deduct</i>	-5.88
	<i>For >50 Pads, Deduct</i>	-8.55
03 31 13 00-0006	SF 8" Equipment Pad With Rebar	35.75
	<i>For >5 To 20 Pads, Deduct</i>	-4.07
	<i>For >20 To 50 Pads, Deduct</i>	-7.47
	<i>For >50 Pads, Deduct</i>	-10.86

Concrete	03	03
Cast-In-Place Concrete	03 30	
Structural Concrete	03 31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 31 13 00-0007	Concrete Slab Assemblies <small>(03 31 13)</small>	
03 31 13 00-0008	3,000 PSI Slab On Grade Concrete Slabs Assemblies <small>(03 31 13 00-0007)</small>	
	<small>Note: Includes forms, welded wire reinforcement (where necessary), #3 to #6 reinforcing rods at 12" on center each way with chairs (where necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float, and finish for pedestrian slabs. Excludes excavation, base, earthwork, and expansion joints along existing slab. See CSI section 03 05 13 00-0001 for color additive alternative, 03 37 16 00-0001 for concrete pumping equipment.</small>	
03 31 13 00-0009	SF 4" 3,000 PSI Slab On Grade Concrete Slabs Assembly.....	8.06
	For 2,000 PSI Concrete, Deduct	-0.24
	For 2,500 PSI Concrete, Deduct	-0.12
	For 3,500 PSI Concrete, Add	0.08
	For 4,000 PSI Concrete, Add	0.28
	For 4,500 PSI Concrete, Add	0.35
	For Reinforcing Rods Are At 18" On Center, Deduct	-0.41
	For Reinforcing Rods Are At 24" On Center, Deduct	-0.61
	For Up To 500, Add	3.07
	For >500 To 1,000, Add	2.12
	For >1,000 To 2,000, Add	1.17
	For >2,000 To 5,000, Add	0.59
	For >10,000 To 20,000, Deduct	-0.22
	For >20,000 To 35,000, Deduct	-0.42
	For >35,000 To 50,000, Deduct	-0.62
	For >50,000 To 70,000, Deduct	-0.83
	For >70,000, Deduct	-1.03
03 31 13 00-0010	SF 5" 3,000 PSI Slab On Grade Concrete Slabs Assembly.....	8.83
	For 2,000 PSI Concrete, Deduct	-0.27
	For 2,500 PSI Concrete, Deduct	-0.14
	For 3,500 PSI Concrete, Add	0.10
	For 4,000 PSI Concrete, Add	0.32
	For 4,500 PSI Concrete, Add	0.40
	For Reinforcing Rods Are At 18" On Center, Deduct	-0.41
	For Reinforcing Rods Are At 24" On Center, Deduct	-0.61
	For Up To 500, Add	3.29
	For >500 To 1,000, Add	2.28
	For >1,000 To 2,000, Add	1.27
	For >2,000 To 5,000, Add	0.63
	For >10,000 To 20,000, Deduct	-0.25
	For >20,000 To 35,000, Deduct	-0.47
	For >35,000 To 50,000, Deduct	-0.69
	For >50,000 To 70,000, Deduct	-0.91
	For >70,000, Deduct	-1.13
03 31 13 00-0011	SF 6" 3,000 PSI Slab On Grade Concrete Slabs Assembly.....	9.94
	For 2,000 PSI Concrete, Deduct	-0.32
	For 2,500 PSI Concrete, Deduct	-0.16
	For 3,500 PSI Concrete, Add	0.11
	For 4,000 PSI Concrete, Add	0.37
	For 4,500 PSI Concrete, Add	0.46
	For Reinforcing Rods Are At 18" On Center, Deduct	-0.41
	For Reinforcing Rods Are At 24" On Center, Deduct	-0.61
	For Up To 500, Add	3.62
	For >500 To 1,000, Add	2.51
	For >1,000 To 2,000, Add	1.40
	For >2,000 To 5,000, Add	0.70
	For >10,000 To 20,000, Deduct	-0.29
	For >20,000 To 35,000, Deduct	-0.54
	For >35,000 To 50,000, Deduct	-0.79
	For >50,000 To 70,000, Deduct	-1.04
	For >70,000, Deduct	-1.29
03 31 13 00-0012	SF 7" 3,000 PSI Slab On Grade Concrete Slabs Assembly.....	10.98
	For 2,000 PSI Concrete, Deduct	-0.36
	For 2,500 PSI Concrete, Deduct	-0.18
	For 3,500 PSI Concrete, Add	0.13
	For 4,000 PSI Concrete, Add	0.42
	For 4,500 PSI Concrete, Add	0.53
	For Reinforcing Rods Are At 18" On Center, Deduct	-0.41
	For Reinforcing Rods Are At 24" On Center, Deduct	-0.61
	For Up To 500, Add	3.89
	For >500 To 1,000, Add	2.71
	For >1,000 To 2,000, Add	1.52
	For >2,000 To 5,000, Add	0.76
	For >10,000 To 20,000, Deduct	-0.34
	For >20,000 To 35,000, Deduct	-0.61
	For >35,000 To 50,000, Deduct	-0.89
	For >50,000 To 70,000, Deduct	-1.16
	For >70,000, Deduct	-1.44

03 Concrete
03 30 Cast-In-Place Concrete
03 31 Structural Concrete

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 31 13 00-0013	SF	8" 3,000 PSI Slab On Grade Concrete Slabs Assembly	11.88
		For 2,000 PSI Concrete, Deduct	-0.40
		For 2,500 PSI Concrete, Deduct	-0.20
		For 3,500 PSI Concrete, Add	0.14
		For 4,000 PSI Concrete, Add	0.47
		For 4,500 PSI Concrete, Add	0.59
		For Reinforcing Rods Are At 18" On Center, Deduct	-0.41
		For Reinforcing Rods Are At 24" On Center, Deduct	-0.61
		For Up To 500, Add	4.14
		For >500 To 1,000, Add	2.89
		For >1,000 To 2,000, Add	1.63
		For >2,000 To 5,000, Add	0.82
		For >10,000 To 20,000, Deduct	-0.37
		For >20,000 To 35,000, Deduct	-0.67
		For >35,000 To 50,000, Deduct	-0.97
		For >50,000 To 70,000, Deduct	-1.26
		For >70,000, Deduct	-1.56
03 31 13 00-0014	SF	10" 3,000 PSI Slab On Grade Concrete Slabs Assembly	14.18
		For 2,000 PSI Concrete, Deduct	-0.51
		For 2,500 PSI Concrete, Deduct	-0.25
		For 3,500 PSI Concrete, Add	0.18
		For 4,000 PSI Concrete, Add	0.59
		For 4,500 PSI Concrete, Add	0.74
		For Reinforcing Rods Are At 18" On Center, Deduct	-0.41
		For Reinforcing Rods Are At 24" On Center, Deduct	-0.61
		For Up To 500, Add	4.74
		For >500 To 1,000, Add	3.32
		For >1,000 To 2,000, Add	1.89
		For >2,000 To 5,000, Add	0.95
		For >10,000 To 20,000, Deduct	-0.47
		For >20,000 To 35,000, Deduct	-0.83
		For >35,000 To 50,000, Deduct	-1.18
		For >50,000 To 70,000, Deduct	-1.53
		For >70,000, Deduct	-1.89
03 31 13 00-0015	SF	12" 3,000 PSI Slab On Grade Concrete Slabs Assembly	15.96
		For 2,000 PSI Concrete, Deduct	-0.59
		For 2,500 PSI Concrete, Deduct	-0.29
		For 3,500 PSI Concrete, Add	0.21
		For 4,000 PSI Concrete, Add	0.68
		For 4,500 PSI Concrete, Add	0.86
		For Reinforcing Rods Are At 18" On Center, Deduct	-0.41
		For Reinforcing Rods Are At 24" On Center, Deduct	-0.61
		For Up To 500, Add	5.23
		For >500 To 1,000, Add	3.67
		For >1,000 To 2,000, Add	2.11
		For >2,000 To 5,000, Add	1.05
		For >10,000 To 20,000, Deduct	-0.54
		For >20,000 To 35,000, Deduct	-0.94
		For >35,000 To 50,000, Deduct	-1.34
		For >50,000 To 70,000, Deduct	-1.74
		For >70,000, Deduct	-2.14
03 31 13 00-0016		Concrete Delivery And Placement <small>(03 31 13)</small>	
		Note: Includes cleaning out equipment and standard concrete placement tests. See CSI section 01 45 23 00-0000 for additional tests, 03 05 13 00-0001 for admixtures.	
03 31 13 00-0017		Place Concrete By Method Indicated <small>(03 31 13 00-0016)</small>	
		Note: Tasks for concrete placement "By Concrete Pump" exclude the pumping equipment. See CSI section 03 37 16 00-0001 for concrete pumping equipment.	
03 31 13 00-0018		Place Concrete Pile Caps <small>(03 31 13 00-0017)</small>	
03 31 13 00-0019	CY	Crane And Bucket, Place 3,000 PSI Concrete Pile Caps	304.47
		For 2,000 PSI Concrete, Deduct	-9.81
		For 2,500 PSI Concrete, Deduct	-4.91
		For 3,500 PSI Concrete, Add	9.09
		For 3,750 PSI Concrete, Add	12.36
		For 4,000 PSI Concrete, Add	15.63
		For 4,500 PSI Concrete, Add	18.18
		For 5,000 PSI Concrete, Add	20.72
		For 6,000 PSI Concrete, Add	49.07
		For 7,500 PSI Concrete, Add	121.86
		For White Cement Concrete, Add	21.81
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	23.63
		For High Early Strength, Type 3 ASTM C150, Add	18.18
		For Lightweight Aggregate, ASTM C330, Add	63.61
		For Up To 20, Add	49.09
		For >20 To 50, Add	18.41
		For >100 To 200, Deduct	-6.09
		For >200 To 400, Deduct	-12.18
		For >400, Deduct	-18.27

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 31 13 00-0020	CY		Direct Chute, Place 3,000 PSI Concrete Pile Caps	234.83	
			For 2,000 PSI Concrete, Deduct	-9.81	
			For 2,500 PSI Concrete, Deduct	-4.91	
			For 3,500 PSI Concrete, Add	9.09	
			For 3,750 PSI Concrete, Add	12.36	
			For 4,000 PSI Concrete, Add	15.63	
			For 4,500 PSI Concrete, Add	18.18	
			For 5,000 PSI Concrete, Add	20.72	
			For 6,000 PSI Concrete, Add	49.07	
			For 7,500 PSI Concrete, Add	121.86	
			For White Cement Concrete, Add	21.81	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	23.63	
			For High Early Strength, Type 3 ASTM C150, Add	18.18	
			For Lightweight Aggregate, ASTM C330, Add	63.61	
			For Up To 20, Add	21.23	
			For >20 To 50, Add	7.96	
			For >100 To 200, Deduct	-4.70	
			For >200 To 400, Deduct	-9.39	
			For >400, Deduct	-14.09	
03 31 13 00-0021	CY		Concrete Pump, Place 3,000 PSI Concrete Pile Caps	247.43	
			Note: Excludes pumping equipment.		
			For 2,000 PSI Concrete, Deduct	-10.63	
			For 2,500 PSI Concrete, Deduct	-5.32	
			For 3,500 PSI Concrete, Add	9.84	
			For 3,750 PSI Concrete, Add	13.39	
			For 4,000 PSI Concrete, Add	16.93	
			For 4,500 PSI Concrete, Add	19.69	
			For 5,000 PSI Concrete, Add	22.45	
			For 6,000 PSI Concrete, Add	53.16	
			For 7,500 PSI Concrete, Add	132.01	
			For White Cement Concrete, Add	23.63	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	25.60	
			For High Early Strength, Type 3 ASTM C150, Add	19.69	
			For Lightweight Aggregate, ASTM C330, Add	68.91	
			For Up To 20, Add	20.22	
			For >20 To 50, Add	7.58	
			For >100 To 200, Deduct	-4.95	
			For >200 To 400, Deduct	-9.90	
			For >400, Deduct	-14.85	

03 31 13 00-0022 Place Concrete Continuous Footings (03 31 13 00-0017)

03 31 13 00-0023	CY		Crane And Bucket, Place 3,000 PSI Concrete Continuous Footings	290.84	
			For 2,000 PSI Concrete, Deduct	-9.81	
			For 2,500 PSI Concrete, Deduct	-4.91	
			For 3,500 PSI Concrete, Add	9.09	
			For 3,750 PSI Concrete, Add	12.36	
			For 4,000 PSI Concrete, Add	15.63	
			For 4,500 PSI Concrete, Add	18.18	
			For 5,000 PSI Concrete, Add	20.72	
			For 6,000 PSI Concrete, Add	49.07	
			For 7,500 PSI Concrete, Add	121.86	
			For White Cement Concrete, Add	21.81	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	23.63	
			For High Early Strength, Type 3 ASTM C150, Add	18.18	
			For Lightweight Aggregate, ASTM C330, Add	63.61	
			For Up To 20, Add	43.64	
			For >20 To 50, Add	16.36	
			For >100 To 200, Deduct	-5.82	
			For >200 To 400, Deduct	-11.63	
			For >400, Deduct	-17.45	
03 31 13 00-0024	CY		Direct Chute, Place 3,000 PSI Concrete Continuous Footings.....	228.93	
			For 2,000 PSI Concrete, Deduct	-9.81	
			For 2,500 PSI Concrete, Deduct	-4.91	
			For 3,500 PSI Concrete, Add	9.09	
			For 3,750 PSI Concrete, Add	12.36	
			For 4,000 PSI Concrete, Add	15.63	
			For 4,500 PSI Concrete, Add	18.18	
			For 5,000 PSI Concrete, Add	20.72	
			For 6,000 PSI Concrete, Add	49.07	
			For 7,500 PSI Concrete, Add	121.86	
			For White Cement Concrete, Add	21.81	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	23.63	
			For High Early Strength, Type 3 ASTM C150, Add	18.18	
			For Lightweight Aggregate, ASTM C330, Add	63.61	
			For Up To 20, Add	18.87	
			For >20 To 50, Add	7.08	
			For >100 To 200, Deduct	-4.58	
			For >200 To 400, Deduct	-9.16	
			For >400, Deduct	-13.74	

03 Concrete
03 30 Cast-In-Place Concrete
03 31 Structural Concrete

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 31 13 00-0025	CY	Concrete Pump, Place 3,000 PSI Concrete Continuous Footings	241.82
		Note: Excludes pumping equipment.	
		For 2,000 PSI Concrete, Deduct	-10.63
		For 2,500 PSI Concrete, Deduct	-5.32
		For 3,500 PSI Concrete, Add	9.84
		For 3,750 PSI Concrete, Add	13.39
		For 4,000 PSI Concrete, Add	16.93
		For 4,500 PSI Concrete, Add	19.69
		For 5,000 PSI Concrete, Add	22.45
		For 6,000 PSI Concrete, Add	53.16
		For 7,500 PSI Concrete, Add	132.01
		For White Cement Concrete, Add	23.63
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	25.60
		For High Early Strength, Type 3 ASTM C150, Add	19.69
		For Lightweight Aggregate, ASTM C330, Add	68.91
		For Up To 20, Add	17.97
		For >20 To 50, Add	6.74
		For >100 To 200, Deduct	-4.84
		For >200 To 400, Deduct	-9.67
		For >400, Deduct	-14.51

03 31 13 00-0026 Place Concrete Spread Footings (03 31 13 00-0017)

03 31 13 00-0027	CY	Crane And Bucket, Place 3,000 PSI Concrete Spread Footings	365.83
		For 2,000 PSI Concrete, Deduct	-9.81
		For 2,500 PSI Concrete, Deduct	-4.91
		For 3,500 PSI Concrete, Add	9.09
		For 3,750 PSI Concrete, Add	12.36
		For 4,000 PSI Concrete, Add	15.63
		For 4,500 PSI Concrete, Add	18.18
		For 5,000 PSI Concrete, Add	20.72
		For 6,000 PSI Concrete, Add	49.07
		For 7,500 PSI Concrete, Add	121.86
		For White Cement Concrete, Add	21.81
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	23.63
		For High Early Strength, Type 3 ASTM C150, Add	18.18
		For Lightweight Aggregate, ASTM C330, Add	63.61
		For Up To 20, Add	73.63
		For >20 To 50, Add	27.61
		For >100 To 200, Deduct	-7.32
		For >200 To 400, Deduct	-14.63
		For >400, Deduct	-21.95
03 31 13 00-0028	CY	Direct Chute, Place 3,000 PSI Concrete Spread Footings	261.36
		For 2,000 PSI Concrete, Deduct	-9.81
		For 2,500 PSI Concrete, Deduct	-4.91
		For 3,500 PSI Concrete, Add	9.09
		For 3,750 PSI Concrete, Add	12.36
		For 4,000 PSI Concrete, Add	15.63
		For 4,500 PSI Concrete, Add	18.18
		For 5,000 PSI Concrete, Add	20.72
		For 6,000 PSI Concrete, Add	49.07
		For 7,500 PSI Concrete, Add	121.86
		For White Cement Concrete, Add	21.81
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	23.63
		For High Early Strength, Type 3 ASTM C150, Add	18.18
		For Lightweight Aggregate, ASTM C330, Add	63.61
		For Up To 20, Add	31.84
		For >20 To 50, Add	11.94
		For >100 To 200, Deduct	-5.23
		For >200 To 400, Deduct	-10.45
		For >400, Deduct	-15.68
03 31 13 00-0029	CY	Concrete Pump, Place 3,000 PSI Concrete Spread Footings	272.71
		Note: Excludes pumping equipment.	
		For 2,000 PSI Concrete, Deduct	-10.63
		For 2,500 PSI Concrete, Deduct	-5.32
		For 3,500 PSI Concrete, Add	9.84
		For 3,750 PSI Concrete, Add	13.39
		For 4,000 PSI Concrete, Add	16.93
		For 4,500 PSI Concrete, Add	19.69
		For 5,000 PSI Concrete, Add	22.45
		For 6,000 PSI Concrete, Add	53.16
		For 7,500 PSI Concrete, Add	132.01
		For White Cement Concrete, Add	23.63
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	25.60
		For High Early Strength, Type 3 ASTM C150, Add	19.69
		For Lightweight Aggregate, ASTM C330, Add	68.91
		For Up To 20, Add	30.33
		For >20 To 50, Add	11.37
		For >100 To 200, Deduct	-5.45
		For >200 To 400, Deduct	-10.91
		For >400, Deduct	-16.36

03 31 13 00-0030 Place Concrete Mat Foundation (03 31 13 00-0017)

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 31 13 00-0031	CY			Crane And Bucket, Place 3,000 PSI Concrete Mat Foundation.....	214.47	
				For 2,000 PSI Concrete, Deduct	-9.81	
				For 2,500 PSI Concrete, Deduct	-4.91	
				For 3,500 PSI Concrete, Add	9.09	
				For 3,750 PSI Concrete, Add	12.36	
				For 4,000 PSI Concrete, Add	15.63	
				For 4,500 PSI Concrete, Add	18.18	
				For 5,000 PSI Concrete, Add	20.72	
				For 6,000 PSI Concrete, Add	49.07	
				For 7,500 PSI Concrete, Add	121.86	
				For White Cement Concrete, Add	21.81	
				For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	23.63	
				For High Early Strength, Type 3 ASTM C150, Add	18.18	
				For Lightweight Aggregate, ASTM C330, Add	63.61	
				For Up To 20, Add	13.09	
				For >20 To 50, Add	4.91	
				For >100 To 200, Deduct	-4.29	
				For >200 To 400, Deduct	-8.58	
				For >400, Deduct	-12.87	
03 31 13 00-0032	CY			Direct Chute, Place 3,000 PSI Concrete Mat Foundation.....	195.91	
				For 2,000 PSI Concrete, Deduct	-9.81	
				For 2,500 PSI Concrete, Deduct	-4.91	
				For 3,500 PSI Concrete, Add	9.09	
				For 3,750 PSI Concrete, Add	12.36	
				For 4,000 PSI Concrete, Add	15.63	
				For 4,500 PSI Concrete, Add	18.18	
				For 5,000 PSI Concrete, Add	20.72	
				For 6,000 PSI Concrete, Add	49.07	
				For 7,500 PSI Concrete, Add	121.86	
				For White Cement Concrete, Add	21.81	
				For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	23.63	
				For High Early Strength, Type 3 ASTM C150, Add	18.18	
				For Lightweight Aggregate, ASTM C330, Add	63.61	
				For Up To 20, Add	5.66	
				For >20 To 50, Add	2.12	
				For >100 To 200, Deduct	-3.92	
				For >200 To 400, Deduct	-7.84	
				For >400, Deduct	-11.75	
03 31 13 00-0033	CY			Concrete Pump, Place 3,000 PSI Concrete Mat Foundation.....	208.68	
				Note: Excludes pumping equipment.		
				For 2,000 PSI Concrete, Deduct	-10.63	
				For 2,500 PSI Concrete, Deduct	-5.32	
				For 3,500 PSI Concrete, Add	9.84	
				For 3,750 PSI Concrete, Add	13.39	
				For 4,000 PSI Concrete, Add	16.93	
				For 4,500 PSI Concrete, Add	19.69	
				For 5,000 PSI Concrete, Add	22.45	
				For 6,000 PSI Concrete, Add	53.16	
				For 7,500 PSI Concrete, Add	132.01	
				For White Cement Concrete, Add	23.63	
				For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	25.60	
				For High Early Strength, Type 3 ASTM C150, Add	19.69	
				For Lightweight Aggregate, ASTM C330, Add	68.91	
				For Up To 20, Add	4.72	
				For >20 To 50, Add	1.77	
				For >100 To 200, Deduct	-4.17	
				For >200 To 400, Deduct	-8.35	
				For >400, Deduct	-12.52	

03 31 13 00-0034 Place Concrete Grade Beams (03 31 13 00-0017)

03 31 13 00-0035	CY			Crane And Bucket, Place 3,000 PSI Concrete Grade Beams	269.01	
				For 2,000 PSI Concrete, Deduct	-9.81	
				For 2,500 PSI Concrete, Deduct	-4.91	
				For 3,500 PSI Concrete, Add	9.09	
				For 3,750 PSI Concrete, Add	12.36	
				For 4,000 PSI Concrete, Add	15.63	
				For 4,500 PSI Concrete, Add	18.18	
				For 5,000 PSI Concrete, Add	20.72	
				For 6,000 PSI Concrete, Add	49.07	
				For 7,500 PSI Concrete, Add	121.86	
				For White Cement Concrete, Add	21.81	
				For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	23.63	
				For High Early Strength, Type 3 ASTM C150, Add	18.18	
				For Lightweight Aggregate, ASTM C330, Add	63.61	
				For Up To 20, Add	34.90	
				For >20 To 50, Add	13.09	
				For >100 To 200, Deduct	-5.38	
				For >200 To 400, Deduct	-10.76	
				For >400, Deduct	-16.14	

03 Concrete
03 30 Cast-In-Place Concrete
03 31 Structural Concrete

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 31 13 00-0036	CY	Direct Chute, Place 3,000 PSI Concrete Grade Beams.....	219.49	
		<i>For 2,000 PSI Concrete, Deduct</i>	-9.81	
		<i>For 2,500 PSI Concrete, Deduct</i>	-4.91	
		<i>For 3,500 PSI Concrete, Add</i>	9.09	
		<i>For 3,750 PSI Concrete, Add</i>	12.36	
		<i>For 4,000 PSI Concrete, Add</i>	15.63	
		<i>For 4,500 PSI Concrete, Add</i>	18.18	
		<i>For 5,000 PSI Concrete, Add</i>	20.72	
		<i>For 6,000 PSI Concrete, Add</i>	49.07	
		<i>For 7,500 PSI Concrete, Add</i>	121.86	
		<i>For White Cement Concrete, Add</i>	21.81	
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	23.63	
		<i>For High Early Strength, Type 3 ASTM C150, Add</i>	18.18	
		<i>For Lightweight Aggregate, ASTM C330, Add</i>	63.61	
		<i>For Up To 20, Add</i>	15.10	
		<i>For >20 To 50, Add</i>	5.66	
		<i>For >100 To 200, Deduct</i>	-4.39	
		<i>For >200 To 400, Deduct</i>	-8.78	
		<i>For >400, Deduct</i>	-13.17	
03 31 13 00-0037	CY	Concrete Pump, Place 3,000 PSI Concrete Grade Beams.....	232.83	
		Note: Excludes pumping equipment.		
		<i>For 2,000 PSI Concrete, Deduct</i>	-10.63	
		<i>For 2,500 PSI Concrete, Deduct</i>	-5.32	
		<i>For 3,500 PSI Concrete, Add</i>	9.84	
		<i>For 3,750 PSI Concrete, Add</i>	13.39	
		<i>For 4,000 PSI Concrete, Add</i>	16.93	
		<i>For 4,500 PSI Concrete, Add</i>	19.69	
		<i>For 5,000 PSI Concrete, Add</i>	22.45	
		<i>For 6,000 PSI Concrete, Add</i>	53.16	
		<i>For 7,500 PSI Concrete, Add</i>	132.01	
		<i>For White Cement Concrete, Add</i>	23.63	
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	25.60	
		<i>For High Early Strength, Type 3 ASTM C150, Add</i>	19.69	
		<i>For Lightweight Aggregate, ASTM C330, Add</i>	68.91	
		<i>For Up To 20, Add</i>	14.38	
		<i>For >20 To 50, Add</i>	5.39	
		<i>For >100 To 200, Deduct</i>	-4.66	
		<i>For >200 To 400, Deduct</i>	-9.31	
		<i>For >400, Deduct</i>	-13.97	

03 31 13 00-0038 Place Concrete Slab On Grade (03 31 13 00-0017)

03 31 13 00-0039	CY	Up To 6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade.....	271.07	
		<i>For 2,000 PSI Concrete, Deduct</i>	-9.81	
		<i>For 2,500 PSI Concrete, Deduct</i>	-4.91	
		<i>For 3,500 PSI Concrete, Add</i>	9.09	
		<i>For 3,750 PSI Concrete, Add</i>	12.36	
		<i>For 4,000 PSI Concrete, Add</i>	15.63	
		<i>For 4,500 PSI Concrete, Add</i>	18.18	
		<i>For 5,000 PSI Concrete, Add</i>	20.72	
		<i>For 6,000 PSI Concrete, Add</i>	49.07	
		<i>For 7,500 PSI Concrete, Add</i>	121.86	
		<i>For White Cement Concrete, Add</i>	21.81	
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	23.63	
		<i>For High Early Strength, Type 3 ASTM C150, Add</i>	18.18	
		<i>For Lightweight Aggregate, ASTM C330, Add</i>	63.61	
		<i>For Up To 20, Add</i>	35.73	
		<i>For >20 To 50, Add</i>	13.40	
		<i>For >100 To 200, Deduct</i>	-5.42	
		<i>For >200 To 400, Deduct</i>	-10.84	
		<i>For >400, Deduct</i>	-16.26	
03 31 13 00-0040	CY	>6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade.....	249.53	
		<i>For 2,000 PSI Concrete, Deduct</i>	-9.81	
		<i>For 2,500 PSI Concrete, Deduct</i>	-4.91	
		<i>For 3,500 PSI Concrete, Add</i>	9.09	
		<i>For 3,750 PSI Concrete, Add</i>	12.36	
		<i>For 4,000 PSI Concrete, Add</i>	15.63	
		<i>For 4,500 PSI Concrete, Add</i>	18.18	
		<i>For 5,000 PSI Concrete, Add</i>	20.72	
		<i>For 6,000 PSI Concrete, Add</i>	49.07	
		<i>For 7,500 PSI Concrete, Add</i>	121.86	
		<i>For White Cement Concrete, Add</i>	21.81	
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	23.63	
		<i>For High Early Strength, Type 3 ASTM C150, Add</i>	18.18	
		<i>For Lightweight Aggregate, ASTM C330, Add</i>	63.61	
		<i>For Up To 20, Add</i>	27.11	
		<i>For >20 To 50, Add</i>	10.17	
		<i>For >100 To 200, Deduct</i>	-4.99	
		<i>For >200 To 400, Deduct</i>	-9.98	
		<i>For >400, Deduct</i>	-14.97	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 31 13 00-0041	CY			Up To 6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade.....	220.38	
				For 2,000 PSI Concrete, Deduct	-9.81	
				For 2,500 PSI Concrete, Deduct	-4.91	
				For 3,500 PSI Concrete, Add	9.09	
				For 3,750 PSI Concrete, Add	12.36	
				For 4,000 PSI Concrete, Add	15.63	
				For 4,500 PSI Concrete, Add	18.18	
				For 5,000 PSI Concrete, Add	20.72	
				For 6,000 PSI Concrete, Add	49.07	
				For 7,500 PSI Concrete, Add	121.86	
				For White Cement Concrete, Add	21.81	
				For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	23.63	
				For High Early Strength, Type 3 ASTM C150, Add	18.18	
				For Lightweight Aggregate, ASTM C330, Add	63.61	
				For Up To 20, Add	15.45	
				For >20 To 50, Add	5.79	
				For >100 To 200, Deduct	-4.41	
				For >200 To 400, Deduct	-8.82	
				For >400, Deduct	-13.22	
03 31 13 00-0042	CY			>6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade	211.06	
				For 2,000 PSI Concrete, Deduct	-9.81	
				For 2,500 PSI Concrete, Deduct	-4.91	
				For 3,500 PSI Concrete, Add	9.09	
				For 3,750 PSI Concrete, Add	12.36	
				For 4,000 PSI Concrete, Add	15.63	
				For 4,500 PSI Concrete, Add	18.18	
				For 5,000 PSI Concrete, Add	20.72	
				For 6,000 PSI Concrete, Add	49.07	
				For 7,500 PSI Concrete, Add	121.86	
				For White Cement Concrete, Add	21.81	
				For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	23.63	
				For High Early Strength, Type 3 ASTM C150, Add	18.18	
				For Lightweight Aggregate, ASTM C330, Add	63.61	
				For Up To 20, Add	11.72	
				For >20 To 50, Add	4.40	
				For >100 To 200, Deduct	-4.22	
				For >200 To 400, Deduct	-8.44	
				For >400, Deduct	-12.66	
03 31 13 00-0043	CY			Up To 6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade.....	229.08	
				Note: Excludes pumping equipment.		
				For 2,000 PSI Concrete, Deduct	-10.63	
				For 2,500 PSI Concrete, Deduct	-5.32	
				For 3,500 PSI Concrete, Add	9.84	
				For 3,750 PSI Concrete, Add	13.39	
				For 4,000 PSI Concrete, Add	16.93	
				For 4,500 PSI Concrete, Add	19.69	
				For 5,000 PSI Concrete, Add	22.45	
				For 6,000 PSI Concrete, Add	53.16	
				For 7,500 PSI Concrete, Add	132.01	
				For White Cement Concrete, Add	23.63	
				For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	25.60	
				For High Early Strength, Type 3 ASTM C150, Add	19.69	
				For Lightweight Aggregate, ASTM C330, Add	68.91	
				For Up To 20, Add	12.88	
				For >20 To 50, Add	4.83	
				For >100 To 200, Deduct	-4.58	
				For >200 To 400, Deduct	-9.16	
				For >400, Deduct	-13.74	
03 31 13 00-0044	CY			>6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade	221.31	
				Note: Excludes pumping equipment.		
				For 2,000 PSI Concrete, Deduct	-10.63	
				For 2,500 PSI Concrete, Deduct	-5.32	
				For 3,500 PSI Concrete, Add	9.84	
				For 3,750 PSI Concrete, Add	13.39	
				For 4,000 PSI Concrete, Add	16.93	
				For 4,500 PSI Concrete, Add	19.69	
				For 5,000 PSI Concrete, Add	22.45	
				For 6,000 PSI Concrete, Add	53.16	
				For 7,500 PSI Concrete, Add	132.01	
				For White Cement Concrete, Add	23.63	
				For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	25.60	
				For High Early Strength, Type 3 ASTM C150, Add	19.69	
				For Lightweight Aggregate, ASTM C330, Add	68.91	
				For Up To 20, Add	9.77	
				For >20 To 50, Add	3.66	
				For >100 To 200, Deduct	-4.43	
				For >200 To 400, Deduct	-8.85	
				For >400, Deduct	-13.28	

03 31 13 00-0045 Place Concrete Stairs (03 31 13 00-0017)

03 Concrete
03 30 Cast-In-Place Concrete
03 31 Structural Concrete

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 31 13 00-0046	CY Crane And Bucket, Place 3,000 PSI On Grade Concrete Stairs.....	583.62	
	For 2,000 PSI Concrete, Deduct	-9.81	
	For 2,500 PSI Concrete, Deduct	-4.91	
	For 3,500 PSI Concrete, Add	9.09	
	For 3,750 PSI Concrete, Add	12.36	
	For 4,000 PSI Concrete, Add	15.63	
	For 4,500 PSI Concrete, Add	18.18	
	For 5,000 PSI Concrete, Add	20.72	
	For 6,000 PSI Concrete, Add	49.07	
	For 7,500 PSI Concrete, Add	121.86	
	For White Cement Concrete, Add	21.81	
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	23.63	
	For High Early Strength, Type 3 ASTM C150, Add	18.18	
	For Lightweight Aggregate, ASTM C330, Add	63.61	
	For Up To 20, Add	160.75	
	For >20 To 50, Add	60.28	
	For >100 To 200, Deduct	-11.67	
	For >200 To 400, Deduct	-23.34	
	For >400, Deduct	-35.02	
03 31 13 00-0047	CY Direct Chute, Place 3,000 PSI On Grade Concrete Stairs.....	355.59	
	For 2,000 PSI Concrete, Deduct	-9.81	
	For 2,500 PSI Concrete, Deduct	-4.91	
	For 3,500 PSI Concrete, Add	9.09	
	For 3,750 PSI Concrete, Add	12.36	
	For 4,000 PSI Concrete, Add	15.63	
	For 4,500 PSI Concrete, Add	18.18	
	For 5,000 PSI Concrete, Add	20.72	
	For 6,000 PSI Concrete, Add	49.07	
	For 7,500 PSI Concrete, Add	121.86	
	For White Cement Concrete, Add	21.81	
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	23.63	
	For High Early Strength, Type 3 ASTM C150, Add	18.18	
	For Lightweight Aggregate, ASTM C330, Add	63.61	
	For Up To 20, Add	69.54	
	For >20 To 50, Add	26.08	
	For >100 To 200, Deduct	-7.11	
	For >200 To 400, Deduct	-14.22	
	For >400, Deduct	-21.34	
03 31 13 00-0048	CY Concrete Pump, Place 3,000 PSI On Grade Concrete Stairs.....	341.77	
	Note: Excludes pumping equipment.		
	For 2,000 PSI Concrete, Deduct	-10.63	
	For 2,500 PSI Concrete, Deduct	-5.32	
	For 3,500 PSI Concrete, Add	9.84	
	For 3,750 PSI Concrete, Add	13.39	
	For 4,000 PSI Concrete, Add	16.93	
	For 4,500 PSI Concrete, Add	19.69	
	For 5,000 PSI Concrete, Add	22.45	
	For 6,000 PSI Concrete, Add	53.16	
	For 7,500 PSI Concrete, Add	132.01	
	For White Cement Concrete, Add	23.63	
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	25.60	
	For High Early Strength, Type 3 ASTM C150, Add	19.69	
	For Lightweight Aggregate, ASTM C330, Add	68.91	
	For Up To 20, Add	57.95	
	For >20 To 50, Add	21.73	
	For >100 To 200, Deduct	-6.84	
	For >200 To 400, Deduct	-13.67	
	For >400, Deduct	-20.51	
03 31 13 00-0049	Place Concrete Superstructure By Method Indicated (03 31 13 00-0016)		
	See CSI section 03 37 16 00-0001 for concrete pump truck.		
03 31 13 00-0050	Place Elevated Concrete Beams (03 31 13 00-0049)		
03 31 13 00-0051	CY Crane And Bucket, Place 3,000 PSI Elevated Concrete Beams.....	399.91	
	For 2,000 PSI Concrete, Deduct	-9.81	
	For 2,500 PSI Concrete, Deduct	-4.91	
	For 3,500 PSI Concrete, Add	9.09	
	For 3,750 PSI Concrete, Add	12.36	
	For 4,000 PSI Concrete, Add	15.63	
	For 4,500 PSI Concrete, Add	18.18	
	For 5,000 PSI Concrete, Add	20.72	
	For 6,000 PSI Concrete, Add	49.07	
	For 7,500 PSI Concrete, Add	121.86	
	For White Cement Concrete, Add	21.81	
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	23.63	
	For High Early Strength, Type 3 ASTM C150, Add	18.18	
	For Lightweight Aggregate, ASTM C330, Add	63.61	
	For Up To 20, Add	87.26	
	For >20 To 50, Add	32.72	
	For >100 To 200, Deduct	-8.00	
	For >200 To 400, Deduct	-16.00	
	For >400, Deduct	-23.99	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 31	13 00-0052	CY		Concrete Pump, Place 3,000 PSI Elevated Concrete Beams.....	286.76	
				Note: Excludes pumping equipment.		
				For 2,000 PSI Concrete, Deduct	-10.63	
				For 2,500 PSI Concrete, Deduct	-5.32	
				For 3,500 PSI Concrete, Add	9.84	
				For 3,750 PSI Concrete, Add	13.39	
				For 4,000 PSI Concrete, Add	16.93	
				For 4,500 PSI Concrete, Add	19.69	
				For 5,000 PSI Concrete, Add	22.45	
				For 6,000 PSI Concrete, Add	53.16	
				For 7,500 PSI Concrete, Add	132.01	
				For White Cement Concrete, Add	23.63	
				For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	25.60	
				For High Early Strength, Type 3 ASTM C150, Add	19.69	
				For Lightweight Aggregate, ASTM C330, Add	68.91	
				For Up To 20, Add	35.95	
				For >20 To 50, Add	13.48	
				For >100 To 200, Deduct	-5.74	
				For >200 To 400, Deduct	-11.47	
				For >400, Deduct	-17.21	

03 31 13 00-0053 Place Elevated Concrete Slab (03 31 13 00-0049)

03 31	13 00-0054	CY		Up To 6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab	284.46	
				For 2,000 PSI Concrete, Deduct	-9.81	
				For 2,500 PSI Concrete, Deduct	-4.91	
				For 3,500 PSI Concrete, Add	9.09	
				For 3,750 PSI Concrete, Add	12.36	
				For 4,000 PSI Concrete, Add	15.63	
				For 4,500 PSI Concrete, Add	18.18	
				For 5,000 PSI Concrete, Add	20.72	
				For 6,000 PSI Concrete, Add	49.07	
				For 7,500 PSI Concrete, Add	121.86	
				For White Cement Concrete, Add	21.81	
				For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	23.63	
				For High Early Strength, Type 3 ASTM C150, Add	18.18	
				For Lightweight Aggregate, ASTM C330, Add	63.61	
				For Up To 20, Add	41.08	
				For >20 To 50, Add	15.41	
				For >100 To 200, Deduct	-5.69	
				For >200 To 400, Deduct	-11.38	
				For >400, Deduct	-17.07	

03 31	13 00-0055	CY		>6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab	259.68	
				For 2,000 PSI Concrete, Deduct	-9.81	
				For 2,500 PSI Concrete, Deduct	-4.91	
				For 3,500 PSI Concrete, Add	9.09	
				For 3,750 PSI Concrete, Add	12.36	
				For 4,000 PSI Concrete, Add	15.63	
				For 4,500 PSI Concrete, Add	18.18	
				For 5,000 PSI Concrete, Add	20.72	
				For 6,000 PSI Concrete, Add	49.07	
				For 7,500 PSI Concrete, Add	121.86	
				For White Cement Concrete, Add	21.81	
				For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	23.63	
				For High Early Strength, Type 3 ASTM C150, Add	18.18	
				For Lightweight Aggregate, ASTM C330, Add	63.61	
				For Up To 20, Add	31.17	
				For >20 To 50, Add	11.69	
				For >100 To 200, Deduct	-5.19	
				For >200 To 400, Deduct	-10.39	
				For >400, Deduct	-15.58	

03 31	13 00-0056	CY		Up To 6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab	239.19	
				Note: Excludes pumping equipment.		
				For 2,000 PSI Concrete, Deduct	-10.63	
				For 2,500 PSI Concrete, Deduct	-5.32	
				For 3,500 PSI Concrete, Add	9.84	
				For 3,750 PSI Concrete, Add	13.39	
				For 4,000 PSI Concrete, Add	16.93	
				For 4,500 PSI Concrete, Add	19.69	
				For 5,000 PSI Concrete, Add	22.45	
				For 6,000 PSI Concrete, Add	53.16	
				For 7,500 PSI Concrete, Add	132.01	
				For White Cement Concrete, Add	23.63	
				For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	25.60	
				For High Early Strength, Type 3 ASTM C150, Add	19.69	
				For Lightweight Aggregate, ASTM C330, Add	68.91	
				For Up To 20, Add	16.92	
				For >20 To 50, Add	6.35	
				For >100 To 200, Deduct	-4.78	
				For >200 To 400, Deduct	-9.57	
				For >400, Deduct	-14.35	

03 Concrete
03 30 Cast-In-Place Concrete
03 31 Structural Concrete

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 31 13 00-0057	CY	>6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab	228.99
		Note: Excludes pumping equipment.	
		For 2,000 PSI Concrete, Deduct	-10.63
		For 2,500 PSI Concrete, Deduct	-5.32
		For 3,500 PSI Concrete, Add	9.84
		For 3,750 PSI Concrete, Add	13.39
		For 4,000 PSI Concrete, Add	16.93
		For 4,500 PSI Concrete, Add	19.69
		For 5,000 PSI Concrete, Add	22.45
		For 6,000 PSI Concrete, Add	53.16
		For 7,500 PSI Concrete, Add	132.01
		For White Cement Concrete, Add	23.63
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	25.60
		For High Early Strength, Type 3 ASTM C150, Add	19.69
		For Lightweight Aggregate, ASTM C330, Add	68.91
		For Up To 20, Add	12.84
		For >20 To 50, Add	4.82
		For >100 To 200, Deduct	-4.58
		For >200 To 400, Deduct	-9.16
		For >400, Deduct	-13.74

03 31 13 00-0058 Place Concrete Columns (03 31 13 00-0049)

03 31 13 00-0059	CY	12" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	417.37
		For 2,000 PSI Concrete, Deduct	-9.81
		For 2,500 PSI Concrete, Deduct	-4.91
		For 3,500 PSI Concrete, Add	9.09
		For 3,750 PSI Concrete, Add	12.36
		For 4,000 PSI Concrete, Add	15.63
		For 4,500 PSI Concrete, Add	18.18
		For 5,000 PSI Concrete, Add	20.72
		For 6,000 PSI Concrete, Add	49.07
		For 7,500 PSI Concrete, Add	121.86
		For White Cement Concrete, Add	21.81
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	23.63
		For High Early Strength, Type 3 ASTM C150, Add	18.18
		For Lightweight Aggregate, ASTM C330, Add	63.61
		For Up To 20, Add	94.25
		For >20 To 50, Add	35.34
		For >100 To 200, Deduct	-8.35
		For >200 To 400, Deduct	-16.69
		For >400, Deduct	-25.04
03 31 13 00-0060	CY	18" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	353.01
		For 2,000 PSI Concrete, Deduct	-9.81
		For 2,500 PSI Concrete, Deduct	-4.91
		For 3,500 PSI Concrete, Add	9.09
		For 3,750 PSI Concrete, Add	12.36
		For 4,000 PSI Concrete, Add	15.63
		For 4,500 PSI Concrete, Add	18.18
		For 5,000 PSI Concrete, Add	20.72
		For 6,000 PSI Concrete, Add	49.07
		For 7,500 PSI Concrete, Add	121.86
		For White Cement Concrete, Add	21.81
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	23.63
		For High Early Strength, Type 3 ASTM C150, Add	18.18
		For Lightweight Aggregate, ASTM C330, Add	63.61
		For Up To 20, Add	68.50
		For >20 To 50, Add	25.69
		For >100 To 200, Deduct	-7.06
		For >200 To 400, Deduct	-14.12
		For >400, Deduct	-21.18
03 31 13 00-0061	CY	24" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	306.98
		For 2,000 PSI Concrete, Deduct	-9.81
		For 2,500 PSI Concrete, Deduct	-4.91
		For 3,500 PSI Concrete, Add	9.09
		For 3,750 PSI Concrete, Add	12.36
		For 4,000 PSI Concrete, Add	15.63
		For 4,500 PSI Concrete, Add	18.18
		For 5,000 PSI Concrete, Add	20.72
		For 6,000 PSI Concrete, Add	49.07
		For 7,500 PSI Concrete, Add	121.86
		For White Cement Concrete, Add	21.81
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	23.63
		For High Early Strength, Type 3 ASTM C150, Add	18.18
		For Lightweight Aggregate, ASTM C330, Add	63.61
		For Up To 20, Add	50.09
		For >20 To 50, Add	18.78
		For >100 To 200, Deduct	-6.14
		For >200 To 400, Deduct	-12.28
		For >400, Deduct	-18.42

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 31 13 00-0062	CY			36" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	286.47	
				For 2,000 PSI Concrete, Deduct	-9.81	
				For 2,500 PSI Concrete, Deduct	-4.91	
				For 3,500 PSI Concrete, Add	9.09	
				For 3,750 PSI Concrete, Add	12.36	
				For 4,000 PSI Concrete, Add	15.63	
				For 4,500 PSI Concrete, Add	18.18	
				For 5,000 PSI Concrete, Add	20.72	
				For 6,000 PSI Concrete, Add	49.07	
				For 7,500 PSI Concrete, Add	121.86	
				For White Cement Concrete, Add	21.81	
				For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	23.63	
				For High Early Strength, Type 3 ASTM C150, Add	18.18	
				For Lightweight Aggregate, ASTM C330, Add	63.61	
				For Up To 20, Add	41.89	
				For >20 To 50, Add	15.71	
				For >100 To 200, Deduct	-5.73	
				For >200 To 400, Deduct	-11.46	
				For >400, Deduct	-17.19	
03 31 13 00-0063	CY			12" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns	293.95	
				Note: Excludes pumping equipment.		
				For 2,000 PSI Concrete, Deduct	-10.63	
				For 2,500 PSI Concrete, Deduct	-5.32	
				For 3,500 PSI Concrete, Add	9.84	
				For 3,750 PSI Concrete, Add	13.39	
				For 4,000 PSI Concrete, Add	16.93	
				For 4,500 PSI Concrete, Add	19.69	
				For 5,000 PSI Concrete, Add	22.45	
				For 6,000 PSI Concrete, Add	53.16	
				For 7,500 PSI Concrete, Add	132.01	
				For White Cement Concrete, Add	23.63	
				For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	25.60	
				For High Early Strength, Type 3 ASTM C150, Add	19.69	
				For Lightweight Aggregate, ASTM C330, Add	68.91	
				For Up To 20, Add	38.82	
				For >20 To 50, Add	14.56	
				For >100 To 200, Deduct	-5.88	
				For >200 To 400, Deduct	-11.76	
				For >400, Deduct	-17.64	
03 31 13 00-0064	CY			18" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns	267.43	
				Note: Excludes pumping equipment.		
				For 2,000 PSI Concrete, Deduct	-10.63	
				For 2,500 PSI Concrete, Deduct	-5.32	
				For 3,500 PSI Concrete, Add	9.84	
				For 3,750 PSI Concrete, Add	13.39	
				For 4,000 PSI Concrete, Add	16.93	
				For 4,500 PSI Concrete, Add	19.69	
				For 5,000 PSI Concrete, Add	22.45	
				For 6,000 PSI Concrete, Add	53.16	
				For 7,500 PSI Concrete, Add	132.01	
				For White Cement Concrete, Add	23.63	
				For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	25.60	
				For High Early Strength, Type 3 ASTM C150, Add	19.69	
				For Lightweight Aggregate, ASTM C330, Add	68.91	
				For Up To 20, Add	28.22	
				For >20 To 50, Add	10.58	
				For >100 To 200, Deduct	-5.35	
				For >200 To 400, Deduct	-10.70	
				For >400, Deduct	-16.05	
03 31 13 00-0065	CY			24" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns	248.47	
				Note: Excludes pumping equipment.		
				For 2,000 PSI Concrete, Deduct	-10.63	
				For 2,500 PSI Concrete, Deduct	-5.32	
				For 3,500 PSI Concrete, Add	9.84	
				For 3,750 PSI Concrete, Add	13.39	
				For 4,000 PSI Concrete, Add	16.93	
				For 4,500 PSI Concrete, Add	19.69	
				For 5,000 PSI Concrete, Add	22.45	
				For 6,000 PSI Concrete, Add	53.16	
				For 7,500 PSI Concrete, Add	132.01	
				For White Cement Concrete, Add	23.63	
				For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	25.60	
				For High Early Strength, Type 3 ASTM C150, Add	19.69	
				For Lightweight Aggregate, ASTM C330, Add	68.91	
				For Up To 20, Add	20.63	
				For >20 To 50, Add	7.74	
				For >100 To 200, Deduct	-4.97	
				For >200 To 400, Deduct	-9.94	
				For >400, Deduct	-14.91	

03 Concrete
03 30 Cast-In-Place Concrete
03 31 Structural Concrete

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 31 13 00-0066	CY	36" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns	240.03	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	-10.63	
		For 2,500 PSI Concrete, Deduct	-5.32	
		For 3,500 PSI Concrete, Add	9.84	
		For 3,750 PSI Concrete, Add	13.39	
		For 4,000 PSI Concrete, Add	16.93	
		For 4,500 PSI Concrete, Add	19.69	
		For 5,000 PSI Concrete, Add	22.45	
		For 6,000 PSI Concrete, Add	53.16	
		For 7,500 PSI Concrete, Add	132.01	
		For White Cement Concrete, Add	23.63	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	25.60	
		For High Early Strength, Type 3 ASTM C150, Add	19.69	
		For Lightweight Aggregate, ASTM C330, Add	68.91	
		For Up To 20, Add	17.26	
		For >20 To 50, Add	6.47	
		For >100 To 200, Deduct	-4.80	
		For >200 To 400, Deduct	-9.60	
		For >400, Deduct	-14.40	

03 31 13 00-0067 Place Concrete Walls (03 31 13 00-0049)

03 31 13 00-0068	CY	Up To 8" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls	402.64	
		For 2,000 PSI Concrete, Deduct	-9.81	
		For 2,500 PSI Concrete, Deduct	-4.91	
		For 3,500 PSI Concrete, Add	9.09	
		For 3,750 PSI Concrete, Add	12.36	
		For 4,000 PSI Concrete, Add	15.63	
		For 4,500 PSI Concrete, Add	18.18	
		For 5,000 PSI Concrete, Add	20.72	
		For 6,000 PSI Concrete, Add	49.07	
		For 7,500 PSI Concrete, Add	121.86	
		For White Cement Concrete, Add	21.81	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	23.63	
		For High Early Strength, Type 3 ASTM C150, Add	18.18	
		For Lightweight Aggregate, ASTM C330, Add	63.61	
		For Up To 20, Add	88.36	
		For >20 To 50, Add	33.13	
		For >100 To 200, Deduct	-8.05	
		For >200 To 400, Deduct	-16.11	
		For >400, Deduct	-24.16	
03 31 13 00-0069	CY	12" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls	384.33	
		For 2,000 PSI Concrete, Deduct	-9.81	
		For 2,500 PSI Concrete, Deduct	-4.91	
		For 3,500 PSI Concrete, Add	9.09	
		For 3,750 PSI Concrete, Add	12.36	
		For 4,000 PSI Concrete, Add	15.63	
		For 4,500 PSI Concrete, Add	18.18	
		For 5,000 PSI Concrete, Add	20.72	
		For 6,000 PSI Concrete, Add	49.07	
		For 7,500 PSI Concrete, Add	121.86	
		For White Cement Concrete, Add	21.81	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	23.63	
		For High Early Strength, Type 3 ASTM C150, Add	18.18	
		For Lightweight Aggregate, ASTM C330, Add	63.61	
		For Up To 20, Add	81.03	
		For >20 To 50, Add	30.39	
		For >100 To 200, Deduct	-7.69	
		For >200 To 400, Deduct	-15.37	
		For >400, Deduct	-23.06	
03 31 13 00-0070	CY	15" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls	336.38	
		For 2,000 PSI Concrete, Deduct	-9.81	
		For 2,500 PSI Concrete, Deduct	-4.91	
		For 3,500 PSI Concrete, Add	9.09	
		For 3,750 PSI Concrete, Add	12.36	
		For 4,000 PSI Concrete, Add	15.63	
		For 4,500 PSI Concrete, Add	18.18	
		For 5,000 PSI Concrete, Add	20.72	
		For 6,000 PSI Concrete, Add	49.07	
		For 7,500 PSI Concrete, Add	121.86	
		For White Cement Concrete, Add	21.81	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	23.63	
		For High Early Strength, Type 3 ASTM C150, Add	18.18	
		For Lightweight Aggregate, ASTM C330, Add	63.61	
		For Up To 20, Add	61.85	
		For >20 To 50, Add	23.19	
		For >100 To 200, Deduct	-6.73	
		For >200 To 400, Deduct	-13.46	
		For >400, Deduct	-20.18	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 31	13 00-0071	CY	Up To 8" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls		277.29	
				For 2,000 PSI Concrete, Deduct	-9.81	
				For 2,500 PSI Concrete, Deduct	-4.91	
				For 3,500 PSI Concrete, Add	9.09	
				For 3,750 PSI Concrete, Add	12.36	
				For 4,000 PSI Concrete, Add	15.63	
				For 4,500 PSI Concrete, Add	18.18	
				For 5,000 PSI Concrete, Add	20.72	
				For 6,000 PSI Concrete, Add	49.07	
				For 7,500 PSI Concrete, Add	121.86	
				For White Cement Concrete, Add	21.81	
				For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	23.63	
				For High Early Strength, Type 3 ASTM C150, Add	18.18	
				For Lightweight Aggregate, ASTM C330, Add	63.61	
				For Up To 20, Add	38.22	
				For >20 To 50, Add	14.33	
				For >100 To 200, Deduct	-5.55	
				For >200 To 400, Deduct	-11.09	
				For >400, Deduct	-16.64	
						258.18
03 31	13 00-0072	CY	12" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls		258.18	
				For 2,000 PSI Concrete, Deduct	-9.81	
				For 2,500 PSI Concrete, Deduct	-4.91	
				For 3,500 PSI Concrete, Add	9.09	
				For 3,750 PSI Concrete, Add	12.36	
				For 4,000 PSI Concrete, Add	15.63	
				For 4,500 PSI Concrete, Add	18.18	
				For 5,000 PSI Concrete, Add	20.72	
				For 6,000 PSI Concrete, Add	49.07	
				For 7,500 PSI Concrete, Add	121.86	
				For White Cement Concrete, Add	21.81	
				For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	23.63	
				For High Early Strength, Type 3 ASTM C150, Add	18.18	
				For Lightweight Aggregate, ASTM C330, Add	63.61	
				For Up To 20, Add	30.57	
				For >20 To 50, Add	11.46	
				For >100 To 200, Deduct	-5.16	
				For >200 To 400, Deduct	-10.33	
				For >400, Deduct	-15.49	
						248.63
03 31	13 00-0073	CY	15" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls		248.63	
				For 2,000 PSI Concrete, Deduct	-9.81	
				For 2,500 PSI Concrete, Deduct	-4.91	
				For 3,500 PSI Concrete, Add	9.09	
				For 3,750 PSI Concrete, Add	12.36	
				For 4,000 PSI Concrete, Add	15.63	
				For 4,500 PSI Concrete, Add	18.18	
				For 5,000 PSI Concrete, Add	20.72	
				For 6,000 PSI Concrete, Add	49.07	
				For 7,500 PSI Concrete, Add	121.86	
				For White Cement Concrete, Add	21.81	
				For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	23.63	
				For High Early Strength, Type 3 ASTM C150, Add	18.18	
				For Lightweight Aggregate, ASTM C330, Add	63.61	
				For Up To 20, Add	26.75	
				For >20 To 50, Add	10.03	
				For >100 To 200, Deduct	-4.97	
				For >200 To 400, Deduct	-9.95	
				For >400, Deduct	-14.92	
						287.88
03 31	13 00-0074	CY	Up To 8" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls		287.88	
			Note: Excludes pumping equipment.			
				For 2,000 PSI Concrete, Deduct	-10.63	
				For 2,500 PSI Concrete, Deduct	-5.32	
				For 3,500 PSI Concrete, Add	9.84	
				For 3,750 PSI Concrete, Add	13.39	
				For 4,000 PSI Concrete, Add	16.93	
				For 4,500 PSI Concrete, Add	19.69	
				For 5,000 PSI Concrete, Add	22.45	
				For 6,000 PSI Concrete, Add	53.16	
				For 7,500 PSI Concrete, Add	132.01	
				For White Cement Concrete, Add	23.63	
				For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	25.60	
				For High Early Strength, Type 3 ASTM C150, Add	19.69	
				For Lightweight Aggregate, ASTM C330, Add	68.91	
				For Up To 20, Add	36.40	
				For >20 To 50, Add	13.65	
				For >100 To 200, Deduct	-5.76	
				For >200 To 400, Deduct	-11.52	
				For >400, Deduct	-17.27	

03 Concrete
03 30 Cast-In-Place Concrete
03 31 Structural Concrete

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 31 13 00-0075	CY	12" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls	269.67	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	-10.63	
		For 2,500 PSI Concrete, Deduct	-5.32	
		For 3,500 PSI Concrete, Add	9.84	
		For 3,750 PSI Concrete, Add	13.39	
		For 4,000 PSI Concrete, Add	16.93	
		For 4,500 PSI Concrete, Add	19.69	
		For 5,000 PSI Concrete, Add	22.45	
		For 6,000 PSI Concrete, Add	53.16	
		For 7,500 PSI Concrete, Add	132.01	
		For White Cement Concrete, Add	23.63	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	25.60	
		For High Early Strength, Type 3 ASTM C150, Add	19.69	
		For Lightweight Aggregate, ASTM C330, Add	68.91	
		For Up To 20, Add	29.11	
		For >20 To 50, Add	10.92	
		For >100 To 200, Deduct	-5.39	
		For >200 To 400, Deduct	-10.79	
		For >400, Deduct	-16.18	
03 31 13 00-0076	CY	15" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls	260.58	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	-10.63	
		For 2,500 PSI Concrete, Deduct	-5.32	
		For 3,500 PSI Concrete, Add	9.84	
		For 3,750 PSI Concrete, Add	13.39	
		For 4,000 PSI Concrete, Add	16.93	
		For 4,500 PSI Concrete, Add	19.69	
		For 5,000 PSI Concrete, Add	22.45	
		For 6,000 PSI Concrete, Add	53.16	
		For 7,500 PSI Concrete, Add	132.01	
		For White Cement Concrete, Add	23.63	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	25.60	
		For High Early Strength, Type 3 ASTM C150, Add	19.69	
		For Lightweight Aggregate, ASTM C330, Add	68.91	
		For Up To 20, Add	25.48	
		For >20 To 50, Add	9.55	
		For >100 To 200, Deduct	-5.21	
		For >200 To 400, Deduct	-10.42	
		For >400, Deduct	-15.63	

03 31 13 00-0077 Place Elevated Concrete Stairs (03 31 13 00-0049)

03 31 13 00-0078	CY	Crane And Bucket, Place 3,000 PSI Elevated Concrete Stairs	628.32	
		For 2,000 PSI Concrete, Deduct	-9.81	
		For 2,500 PSI Concrete, Deduct	-4.91	
		For 3,500 PSI Concrete, Add	9.09	
		For 3,750 PSI Concrete, Add	12.36	
		For 4,000 PSI Concrete, Add	15.63	
		For 4,500 PSI Concrete, Add	18.18	
		For 5,000 PSI Concrete, Add	20.72	
		For 6,000 PSI Concrete, Add	49.07	
		For 7,500 PSI Concrete, Add	121.86	
		For White Cement Concrete, Add	21.81	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	23.63	
		For High Early Strength, Type 3 ASTM C150, Add	18.18	
		For Lightweight Aggregate, ASTM C330, Add	63.61	
		For Up To 20, Add	178.63	
		For >20 To 50, Add	66.99	
		For >100 To 200, Deduct	-12.57	
		For >200 To 400, Deduct	-25.13	
		For >400, Deduct	-37.70	
03 31 13 00-0079	CY	Direct Chute, Place 3,000 PSI Elevated Concrete Stairs	374.89	
		For 2,000 PSI Concrete, Deduct	-9.81	
		For 2,500 PSI Concrete, Deduct	-4.91	
		For 3,500 PSI Concrete, Add	9.09	
		For 3,750 PSI Concrete, Add	12.36	
		For 4,000 PSI Concrete, Add	15.63	
		For 4,500 PSI Concrete, Add	18.18	
		For 5,000 PSI Concrete, Add	20.72	
		For 6,000 PSI Concrete, Add	49.07	
		For 7,500 PSI Concrete, Add	121.86	
		For White Cement Concrete, Add	21.81	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	23.63	
		For High Early Strength, Type 3 ASTM C150, Add	18.18	
		For Lightweight Aggregate, ASTM C330, Add	63.61	
		For Up To 20, Add	77.26	
		For >20 To 50, Add	28.97	
		For >100 To 200, Deduct	-7.50	
		For >200 To 400, Deduct	-15.00	
		For >400, Deduct	-22.49	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 31 13 00-080	CY	Concrete Pump, Place 3,000 PSI Elevated Concrete Stairs.....		357.84	
		Note: Excludes pumping equipment.			
		For 2,000 PSI Concrete, Deduct		-10.63	
		For 2,500 PSI Concrete, Deduct		-5.32	
		For 3,500 PSI Concrete, Add		9.84	
		For 3,750 PSI Concrete, Add		13.39	
		For 4,000 PSI Concrete, Add		16.93	
		For 4,500 PSI Concrete, Add		19.69	
		For 5,000 PSI Concrete, Add		22.45	
		For 6,000 PSI Concrete, Add		53.16	
		For 7,500 PSI Concrete, Add		132.01	
		For White Cement Concrete, Add		23.63	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add		25.60	
		For High Early Strength, Type 3 ASTM C150, Add		19.69	
		For Lightweight Aggregate, ASTM C330, Add		68.91	
		For Up To 20, Add		64.38	
		For >20 To 50, Add		24.14	
		For >100 To 200, Deduct		-7.16	
		For >200 To 400, Deduct		-14.31	
		For >400, Deduct		-21.47	

03 31 13 00-081 Place Concrete Coping (03 31 13 00-0049)

03 31 13 00-082	CY	Crane And Bucket, Place 3,000 PSI Concrete Coping		643.75	
		For 2,000 PSI Concrete, Deduct		-9.81	
		For 2,500 PSI Concrete, Deduct		-4.91	
		For 3,500 PSI Concrete, Add		9.09	
		For 3,750 PSI Concrete, Add		12.36	
		For 4,000 PSI Concrete, Add		15.63	
		For 4,500 PSI Concrete, Add		18.18	
		For 5,000 PSI Concrete, Add		20.72	
		For 6,000 PSI Concrete, Add		49.07	
		For 7,500 PSI Concrete, Add		121.86	
		For White Cement Concrete, Add		21.81	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add		23.63	
		For High Early Strength, Type 3 ASTM C150, Add		18.18	
		For Lightweight Aggregate, ASTM C330, Add		63.61	
		For Up To 20, Add		184.80	
		For >20 To 50, Add		69.30	
		For >100 To 200, Deduct		-12.88	
		For >200 To 400, Deduct		-25.75	
		For >400, Deduct		-38.63	

03 31 13 00-083	CY	Direct Chute, Place 3,000 PSI Concrete Coping		373.59	
		For 2,000 PSI Concrete, Deduct		-9.81	
		For 2,500 PSI Concrete, Deduct		-4.91	
		For 3,500 PSI Concrete, Add		9.09	
		For 3,750 PSI Concrete, Add		12.36	
		For 4,000 PSI Concrete, Add		15.63	
		For 4,500 PSI Concrete, Add		18.18	
		For 5,000 PSI Concrete, Add		20.72	
		For 6,000 PSI Concrete, Add		49.07	
		For 7,500 PSI Concrete, Add		121.86	
		For White Cement Concrete, Add		21.81	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add		23.63	
		For High Early Strength, Type 3 ASTM C150, Add		18.18	
		For Lightweight Aggregate, ASTM C330, Add		63.61	
		For Up To 20, Add		76.74	
		For >20 To 50, Add		28.78	
		For >100 To 200, Deduct		-7.47	
		For >200 To 400, Deduct		-14.94	
		For >400, Deduct		-22.42	

03 31 13 00-084	CY	Concrete Pump, Place 3,000 PSI Concrete Coping		487.47	
		Note: Excludes pumping equipment.			
		For 2,000 PSI Concrete, Deduct		-10.63	
		For 2,500 PSI Concrete, Deduct		-5.32	
		For 3,500 PSI Concrete, Add		9.84	
		For 3,750 PSI Concrete, Add		13.39	
		For 4,000 PSI Concrete, Add		16.93	
		For 4,500 PSI Concrete, Add		19.69	
		For 5,000 PSI Concrete, Add		22.45	
		For 6,000 PSI Concrete, Add		53.16	
		For 7,500 PSI Concrete, Add		132.01	
		For White Cement Concrete, Add		23.63	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add		25.60	
		For High Early Strength, Type 3 ASTM C150, Add		19.69	
		For Lightweight Aggregate, ASTM C330, Add		68.91	
		For Up To 20, Add		116.23	
		For >20 To 50, Add		43.59	
		For >100 To 200, Deduct		-9.75	
		For >200 To 400, Deduct		-19.50	
		For >400, Deduct		-29.25	

03 31 13 00-085 Concrete Carts (03 31 13 00-0016)

03 31 13 00-086	CY	50' Haul, Non Motorized, Concrete Buggy		23.02	
03 31 13 00-087	CY	150' Haul, Non Motorized, Concrete Buggy		30.82	
03 31 13 00-088	CY	250' Haul, Non Motorized, Concrete Buggy		41.10	
03 31 13 00-089	CY	50' Haul, Motorized, Concrete Buggy		10.44	
03 31 13 00-090	CY	150' Haul, Motorized, Concrete Buggy		14.00	
03 31 13 00-091	CY	250' Haul, Motorized, Concrete Buggy		18.67	

03 Concrete**03 30 Cast-In-Place Concrete****03 31 Structural Concrete**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 31 13 00-0092	Delivery Fee For Small Concrete Purchases (Short Load) <small>(03 31 13)</small>	
03 31 13 00-0093	CY Delivery Fee For Small Concrete Purchases (Short Load) Per CY For Each CY Less Than 9 CY.....	31.99
	Note: The task quantity is 9 minus the number of CY's delivered. For example, the delivery fee for 2CY's is: (9-2) = 7.	
03 31 13 00-0094	Delivery Fee For Concrete, Per Truck Load <small>(03 31 13)</small>	
03 31 13 00-0095	EA Concrete Delivery Fee, Per Truck.....	40.00
	Note: To be added to all concrete leaving concrete yard	
03 31 16	Lightweight Structural Concrete <small>(03 31)</small>	
03 31 16 00-0001	Low Density Cellular / Foam Concrete Fill <small>(03 31 16)</small>	
03 31 16 00-0002	CY Lightweight Low Density Pervious Cellular/Foam Concrete, 100 To 120 PCF Density Range	282.99

03 35 Concrete Finishing (03 30)**03 35 13 High-Tolerance Concrete Floor Finishing** (03 35)

03 35 13 00-0001	Floor Finishes <small>(03 35 13)</small>	
	Note: Task is for final finish type and includes all required prior finishes.	
03 35 13 00-0002	SF Screed, Concrete Floor Finish	0.97
	For Up To 100, Add	1.94
	For >100 To 250, Add	0.49
	For >250 To 500, Add	0.24
	For >5,000 To 10,000, Deduct	-0.05
	For >10,000, Deduct	-0.10
03 35 13 00-0003	SF Darby, Concrete Floor Finish	1.16
	For Up To 100, Add	2.32
	For >100 To 250, Add	0.58
	For >250 To 500, Add	0.29
	For >5,000 To 10,000, Deduct	-0.06
	For >10,000, Deduct	-0.12
03 35 13 00-0004	SF Broom, Concrete Floor Finish	1.28
	For Up To 100, Add	2.56
	For >100 To 250, Add	0.64
	For >250 To 500, Add	0.32
	For >5,000 To 10,000, Deduct	-0.06
	For >10,000, Deduct	-0.13
03 35 13 00-0005	SF Final Float, Concrete Floor Finish	1.50
	For Up To 100, Add	3.00
	For >100 To 250, Add	0.75
	For >250 To 500, Add	0.38
	For >5,000 To 10,000, Deduct	-0.08
	For >10,000, Deduct	-0.15
03 35 13 00-0006	SF Steel Trowel, Concrete Floor Finish	1.68
	For Up To 100, Add	3.36
	For >100 To 250, Add	0.84
	For >250 To 500, Add	0.42
	For >5,000 To 10,000, Deduct	-0.08
	For >10,000, Deduct	-0.17

03 35 16 Heavy-Duty Concrete Floor Finishing (03 35)

03 35 16 00-0001	Shake On Floor Hardeners <small>(03 35 16)</small>	
03 35 16 00-0002	SF 0.3 LB/SF, Metallic, Shake On Floor Hardener	1.24
03 35 16 00-0003	SF 0.65 LB/SF, Metallic, Shake On Floor Hardener	1.92
03 35 16 00-0004	SF 0.3 LB/SF, Non Metallic, Shake On Floor Hardener	1.17
03 35 16 00-0005	SF 0.65 LB/SF, Non Metallic, Shake On Floor Hardener	1.43

03 35 19 Colored Concrete Finishing (03 35)

03 35 19 00-0001	Concrete Surface Treatments <small>(03 35 19)</small>	
03 35 19 00-0002	SF Acrylic Latex Bonding Agent	0.51
03 35 19 00-0003	SF Epoxy Resin Bonding Agent	3.09
03 35 19 00-0004	SF Clear Acrylic Sealer, Hardener And Dustproof	0.36
03 35 19 00-0005	SF Colored Acrylic Sealer, Hardener And Dustproof	0.38

03 35 23 Exposed Aggregate Concrete Finishing (03 35)

03 35 23 00-0001	Exposed Aggregate, Concrete Finish <small>(03 35 23)</small>	
03 35 23 00-0002	SF Exposed Aggregate, Concrete Floor Finish	3.16

03 35 26 Grooved Concrete Surface Finishing (03 35)

03 35 26 00-0001	Ramp, Grooved Concrete Surface Finishing <small>(03 35 26)</small>	
03 35 26 00-0002	SF Ramp, Grooved Concrete Surface Finishing	4.49

03 35 29 Tooled Concrete Finishing (03 35)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 35 29 00-001 Solid Board Concrete Finish (03 35 29)
 03 35 29 00-002 SF Solid Board Concrete, Non Uniform Finish, 1 Use, Add To Formwork 16.58

03 35 29 00-003 Marblecrete Finishes (03 35 29)
 03 35 29 00-004 SF 2" Thick Marblecrete And Finish 43.39
 03 35 29 00-005 SF 4" Thick Marblecrete And Finish 58.15

03 35 33 Stamped Concrete Finishing (03 35)

03 35 33 00-001 Stamped Concrete Finishes (03 35 33)
 03 35 33 00-002 SF Up To 2,500 SF Stamped Concrete Finish 3.89
 03 35 33 00-003 SF >2,500 To 10,000 SF Stamped Concrete Finish 3.53
 03 35 33 00-004 SF >10,000 SF Stamped Concrete Finish 3.38

03 35 43 Polished Concrete Finishing (03 35)

03 35 43 00-001 Concrete Floor Polishing System (03 35 43)
 Note: The floor polishing system below may consist of one or multiple applications of each task/step below depending on existing conditions and desired results.

03 35 43 00-002 SF Mechanically Grind Concrete Floor With 40 Grit Metal Bonded Diamond Wheels 1.83
 For Up To 500, Add 3.47
 For >500 To 1,000, Add 3.22
 For >1,000 To 2,500, Add 2.13
 For >2,500 To 4,000, Add 1.11
 For >8,000 To 15,000, Deduct -0.43
 For >15,000 To 25,000, Deduct -0.55
 For >25,000, Deduct -0.77

03 35 43 00-0003 SF Mechanically Grind Concrete Floor With 80 Grit Metal Bonded Diamond Wheels 1.47
 For Up To 500, Add 2.77
 For >500 To 1,000, Add 2.57
 For >1,000 To 2,500, Add 1.70
 For >2,500 To 4,000, Add 0.89
 For >8,000 To 15,000, Deduct -0.34
 For >15,000 To 25,000, Deduct -0.44
 For >25,000, Deduct -0.61

03 35 43 00-0004 SF Mechanically Grind Concrete Floor With 100 Grit Resin Bonded Diamond Wheels 1.23
 For Up To 500, Add 2.31
 For >500 To 1,000, Add 2.14
 For >1,000 To 2,500, Add 1.42
 For >2,500 To 4,000, Add 0.74
 For >8,000 To 15,000, Deduct -0.29
 For >15,000 To 25,000, Deduct -0.36
 For >25,000, Deduct -0.51

03 35 43 00-0005 SF Mechanically Grind Concrete Floor With 150 Grit Metal Bonded Diamond Wheels 1.15
 For Up To 500, Add 2.15
 For >500 To 1,000, Add 2.00
 For >1,000 To 2,500, Add 1.32
 For >2,500 To 4,000, Add 0.69
 For >8,000 To 15,000, Deduct -0.27
 For >15,000 To 25,000, Deduct -0.34
 For >25,000, Deduct -0.48

03 35 43 00-0006 SF Mechanically Grind Concrete Floor With 200 Grit Resin Bonded Diamond Wheels 1.06
 For Up To 500, Add 1.98
 For >500 To 1,000, Add 1.84
 For >1,000 To 2,500, Add 1.21
 For >2,500 To 4,000, Add 0.63
 For >8,000 To 15,000, Deduct -0.24
 For >15,000 To 25,000, Deduct -0.31
 For >25,000, Deduct -0.44

03 35 43 00-0007 SF Mechanically Grind Concrete Floor With 400 Grit Resin Bonded Diamond Wheels 1.06
 For Up To 500, Add 1.98
 For >500 To 1,000, Add 1.84
 For >1,000 To 2,500, Add 1.21
 For >2,500 To 4,000, Add 0.63
 For >8,000 To 15,000, Deduct -0.24
 For >15,000 To 25,000, Deduct -0.31
 For >25,000, Deduct -0.44

03 35 43 00-0008 SF Mechanically Grind Concrete Floor With 800 Grit Resin Bonded Diamond Wheels 1.06
 For Up To 500, Add 1.98
 For >500 To 1,000, Add 1.84
 For >1,000 To 2,500, Add 1.21
 For >2,500 To 4,000, Add 0.63
 For >8,000 To 15,000, Deduct -0.24
 For >15,000 To 25,000, Deduct -0.31
 For >25,000, Deduct -0.44

03 35 43 00-0009 SF Mechanically Grind Concrete Floor With 1,500 Grit Resin Bonded Diamond Wheels 1.06
 For Up To 500, Add 1.98
 For >500 To 1,000, Add 1.84
 For >1,000 To 2,500, Add 1.21
 For >2,500 To 4,000, Add 0.63
 For >8,000 To 15,000, Deduct -0.24
 For >15,000 To 25,000, Deduct -0.31
 For >25,000, Deduct -0.44

03 Concrete
03 30 Cast-In-Place Concrete
03 35 Concrete Finishing

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 35 43 00-0010	SF	High Speed Burnish Concrete Floor With Diamond Pads.....	0.26	
		For Up To 500, Add	0.43	
		For >500 To 1,000, Add	0.40	
		For >1,000 To 2,500, Add	0.26	
		For >2,500 To 4,000, Add	0.14	
		For >8,000 To 15,000, Deduct	-0.05	
		For >15,000 To 25,000, Deduct	-0.07	
		For >25,000, Deduct	-0.09	
03 35 43 00-0011	SF	Apply 1 Coat Of Concrete Densifier For Concrete Floor Polishing	0.49	
		For Up To 500, Add	0.52	
		For >500 To 1,000, Add	0.49	
		For >1,000 To 2,500, Add	0.32	
		For >2,500 To 4,000, Add	0.17	
		For >8,000 To 15,000, Deduct	-0.06	
		For >15,000 To 25,000, Deduct	-0.08	
		For >25,000, Deduct	-0.12	
03 35 43 00-0012	SF	Apply 2 Coats Of Concrete Densifier With Stain Protector For Concrete Floor Polishing	0.86	
		For Up To 500, Add	0.80	
		For >500 To 1,000, Add	0.74	
		For >1,000 To 2,500, Add	0.49	
		For >2,500 To 4,000, Add	0.25	
		For >8,000 To 15,000, Deduct	-0.10	
		For >15,000 To 25,000, Deduct	-0.13	
		For >25,000, Deduct	-0.18	
03 35 43 00-0013	SF	Concrete Floor Polishing Final Clean Up	0.14	
		For Up To 500, Add	0.27	
		For >500 To 1,000, Add	0.25	
		For >1,000 To 2,500, Add	0.17	
		For >2,500 To 4,000, Add	0.09	
		For >8,000 To 15,000, Deduct	-0.03	
		For >15,000 To 25,000, Deduct	-0.04	
		For >25,000, Deduct	-0.06	

03 35 63 Slip-Resistant Floor Finishing (03 35)

03 35 63 00-0001 Slip-Resistant Floor Finishing (03 35 63)

03 35 63 00-0002	SF	Aluminum Oxide Abrasive Floor Finish, 0.25 LB/SF	1.56	
		For Up To 100, Add	1.86	
		For >100 To 250, Add	0.47	
		For >250 To 500, Add	0.23	
		For >5,000 To 10,000, Deduct	-0.05	
		For >10,000, Deduct	-0.09	
03 35 63 00-0003	SF	Silicone Carbide Abrasive Floor Finish 0.25 LB/SF	1.28	
		For Up To 100, Add	1.86	
		For >100 To 250, Add	0.47	
		For >250 To 500, Add	0.23	
		For >5,000 To 10,000, Deduct	-0.05	
		For >10,000, Deduct	-0.09	

03 35 66 Acid Etch Floor Finishing (03 35)

03 35 66 00-0001 Acid Etch Floor (03 35 66)

03 35 66 00-0002	SF	Concrete Floor Finishes, Etch With Acid And Rinse	1.02	
		For Up To 100, Add	0.88	
		For >100 To 250, Add	0.22	
		For >250 To 500, Add	0.11	
		For >5,000 To 10,000, Deduct	-0.02	
		For >10,000, Deduct	-0.04	

03 35 83 Concrete Wall Finishing (03 35)

03 35 83 00-0001 Wall Finishes (03 35 83)

03 35 83 00-0002	SF	Burlap Rub With Grout, New Concrete Wall Finishes	1.72	
		For Up To 100, Add	3.24	
		For >100 To 250, Add	0.81	
		For >250 To 500, Add	0.41	
		For >5,000 To 10,000, Deduct	-0.08	
		For >10,000, Deduct	-0.16	
03 35 83 00-0003	SF	1/16" Float Finish, New Concrete Wall Finishes	2.59	
		For Up To 100, Add	4.86	
		For >100 To 250, Add	1.22	
		For >250 To 500, Add	0.61	
		For >5,000 To 10,000, Deduct	-0.12	
		For >10,000, Deduct	-0.24	
03 35 83 00-0004	SF	Etch With Acid And Rinse, New Concrete Wall Finishes	1.12	
		For Up To 100, Add	1.08	
		For >100 To 250, Add	0.27	
		For >250 To 500, Add	0.14	
		For >5,000 To 10,000, Deduct	-0.03	
		For >10,000, Deduct	-0.05	
03 35 83 00-0005	SF	Bush Hammer Green Concrete, New Concrete Wall Finishes.....	5.19	
		For Up To 100, Add	10.28	
		For >100 To 250, Add	2.57	
		For >250 To 500, Add	1.29	
		For >5,000 To 10,000, Deduct	-0.26	
		For >10,000, Deduct	-0.51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 35 83 00-0006	SF	Bush Hammer Cured Concrete, New Concrete Wall Finishes.....		8.04	
		<i>For Up To 100, Add</i>		15.88	
		<i>For >100 To 250, Add</i>		3.97	
		<i>For >250 To 500, Add</i>		1.99	
		<i>For >5,000 To 10,000, Deduct</i>		-0.40	
		<i>For >10,000, Deduct</i>		-0.79	
03 35 83 00-0007	SF	Break Ties And Patch, New Concrete Wall Finishes		1.00	
		<i>For Up To 100, Add</i>		1.74	
		<i>For >100 To 250, Add</i>		0.44	
		<i>For >250 To 500, Add</i>		0.22	
		<i>For >5,000 To 10,000, Deduct</i>		-0.04	
		<i>For >10,000, Deduct</i>		-0.09	
03 35 83 00-0008	SF	Carborundum Dry Rub, New Concrete Wall Finishes.....		3.36	
		<i>For Up To 100, Add</i>		6.46	
		<i>For >100 To 250, Add</i>		1.62	
		<i>For >250 To 500, Add</i>		0.81	
		<i>For >5,000 To 10,000, Deduct</i>		-0.16	
		<i>For >10,000, Deduct</i>		-0.32	
03 35 83 00-0009	SF	Carborundum Wet Rub, New Concrete Wall Finishes.....		5.12	
		<i>For Up To 100, Add</i>		9.98	
		<i>For >100 To 250, Add</i>		2.50	
		<i>For >250 To 500, Add</i>		1.25	
		<i>For >5,000 To 10,000, Deduct</i>		-0.25	
		<i>For >10,000, Deduct</i>		-0.50	
03 35 83 00-0010	SF	Up To 1/4" Penetration Abrasive Media Blasting, New Concrete Wall Finishes		5.30	
		Note: 4.5 Lbs of sand or abrasive media material per SF			
		<i>For Up To 100, Add</i>		8.40	
		<i>For >100 To 250, Add</i>		2.10	
		<i>For >250 To 500, Add</i>		1.05	
		<i>For >5,000 To 10,000, Deduct</i>		-0.21	
		<i>For >10,000, Deduct</i>		-0.42	
03 35 83 00-0011	SF	>1/4" To 1/2" Penetration Abrasive Media Blasting, New Concrete Wall Finishes		10.58	
		Note: 9 Lbs of sand abrasive media material per SF			
		<i>For Up To 100, Add</i>		16.78	
		<i>For >100 To 250, Add</i>		4.20	
		<i>For >250 To 500, Add</i>		2.10	
		<i>For >5,000 To 10,000, Deduct</i>		-0.42	
		<i>For >10,000, Deduct</i>		-0.84	

03 37 Specialty Placed Concrete (03 30)

Note: Includes gun finish. Not to be used for pumping concrete tasks. See CSI section 03 35 00 00-0000 for finishing.

03 37 13 Shotcrete (03 37)

03 37 13 00-0001 Shotcrete, Fiber Reinforced, Structural Repair (03 37 13)

03 37 13 00-0002	SF	1" Thick Shotcrete, Fiber Reinforced		3.32	
		<i>For Up To 25, Add</i>		0.62	
		<i>For >25 To 50, Add</i>		0.36	
		<i>For >50 To 150, Add</i>		0.15	
		<i>For High Strength Shotcrete Repair, Add</i>		1.05	
		<i>For Polymer Modified Shotcrete, Add</i>		0.80	
03 37 13 00-0003	SF	1-1/2" Thick Shotcrete, Fiber Reinforced		4.61	
		<i>For Up To 25, Add</i>		0.84	
		<i>For >25 To 50, Add</i>		0.48	
		<i>For >50 To 150, Add</i>		0.19	
		<i>For High Strength Shotcrete Repair, Add</i>		1.43	
		<i>For Polymer Modified Shotcrete, Add</i>		1.13	
03 37 13 00-0004	SF	2" Thick Shotcrete, Fiber Reinforced		6.28	
		<i>For Up To 25, Add</i>		1.15	
		<i>For >25 To 50, Add</i>		0.67	
		<i>For >50 To 150, Add</i>		0.26	
		<i>For High Strength Shotcrete Repair, Add</i>		1.96	
		<i>For Polymer Modified Shotcrete, Add</i>		1.53	
03 37 13 00-0005	SF	2-1/2" Thick Shotcrete, Fiber Reinforced		7.36	
		<i>For Up To 25, Add</i>		1.32	
		<i>For >25 To 50, Add</i>		0.76	
		<i>For >50 To 150, Add</i>		0.29	
		<i>For High Strength Shotcrete Repair, Add</i>		2.25	
		<i>For Polymer Modified Shotcrete, Add</i>		1.82	
03 37 13 00-0006	SF	3" Thick Shotcrete, Fiber Reinforced		8.89	
		<i>For Up To 25, Add</i>		1.60	
		<i>For >25 To 50, Add</i>		0.92	
		<i>For >50 To 150, Add</i>		0.36	
		<i>For High Strength Shotcrete Repair, Add</i>		2.73	
		<i>For Polymer Modified Shotcrete, Add</i>		2.19	
03 37 13 00-0007	SF	4" Thick Shotcrete, Fiber Reinforced		11.21	
		<i>For Up To 25, Add</i>		1.97	
		<i>For >25 To 50, Add</i>		1.13	
		<i>For >50 To 150, Add</i>		0.43	
		<i>For High Strength Shotcrete Repair, Add</i>		3.38	
		<i>For Polymer Modified Shotcrete, Add</i>		2.80	
03 37 13 00-0008	SF	6" Thick Shotcrete, Fiber Reinforced		15.20	
		<i>For Up To 25, Add</i>		2.56	
		<i>For >25 To 50, Add</i>		1.45	
		<i>For >50 To 150, Add</i>		0.52	
		<i>For High Strength Shotcrete Repair, Add</i>		4.42	
		<i>For Polymer Modified Shotcrete, Add</i>		3.87	

03	Concrete
03 30	Cast-In-Place Concrete
03 37	Specialty Placed Concrete

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 37 13 00-0009	Gunite (Dry Mix Shotcrete), Sprayed <small>(03 37 13)</small>		See CSI section 03 22 11 00-0001 for wire mesh reinforcing.		
03 37 13 00-0010	SF 1" Thick Gunite (Dry Mix Shotcrete), Sprayed		For Radius Or Irregular Surface, Add	3.63	1.08
			For Up To 25, Add		0.77
			For >25 To 50, Add		0.45
			For >50 To 150, Add		0.20
03 37 13 00-0011	SF 2" Thick Gunite (Dry Mix Shotcrete), Sprayed		For Radius Or Irregular Surface, Add	6.70	1.93
			For Up To 25, Add		1.39
			For >25 To 50, Add		0.82
			For >50 To 150, Add		0.36
03 37 13 00-0012	SF 3" Thick Gunite (Dry Mix Shotcrete), Sprayed		For Radius Or Irregular Surface, Add	9.34	2.61
			For Up To 25, Add		1.91
			For >25 To 50, Add		1.12
			For >50 To 150, Add		0.49
03 37 13 00-0013	SF 4" Thick Gunite (Dry Mix Shotcrete), Sprayed		For Radius Or Irregular Surface, Add	11.59	3.13
			For Up To 25, Add		2.33
			For >25 To 50, Add		1.36
			For >50 To 150, Add		0.59
03 37 13 00-0014	SF 5" Thick Gunite (Dry Mix Shotcrete), Sprayed		For Radius Or Irregular Surface, Add	13.50	3.52
			For Up To 25, Add		2.67
			For >25 To 50, Add		1.55
			For >50 To 150, Add		0.66
03 37 13 00-0015	SF 6" Thick Gunite (Dry Mix Shotcrete), Sprayed		For Radius Or Irregular Surface, Add	15.14	3.80
			For Up To 25, Add		2.94
			For >25 To 50, Add		1.71
			For >50 To 150, Add		0.71
03 37 13 00-0016	SF 8" Thick Gunite (Dry Mix Shotcrete), Sprayed		For Radius Or Irregular Surface, Add	18.92	4.56
			For Up To 25, Add		3.60
			For >25 To 50, Add		2.09
			For >50 To 150, Add		0.85
03 37 13 00-0017	SF 10" Thick Gunite (Dry Mix Shotcrete), Sprayed		For Radius Or Irregular Surface, Add	22.23	5.12
			For Up To 25, Add		4.14
			For >25 To 50, Add		2.39
			For >50 To 150, Add		0.96
03 37 13 00-0018	SF 12" Thick Gunite (Dry Mix Shotcrete), Sprayed		For Radius Or Irregular Surface, Add	25.14	5.54
			For Up To 25, Add		4.59
			For >25 To 50, Add		2.64
			For >50 To 150, Add		1.04

03 37 16 Pumped Concrete (03 37)

03 37 16 00-0001	Concrete Pumping With Boom Truck <small>(03 37 16)</small>		Note: Includes truck rental, operator, and local travel delivery. For delivery/set-up of equipment add one hour, for clean-up of equipment add one hour. Use four hours as the minimum cost including set-up and clean-up. Excludes concrete, use "Concrete Pump" concrete tasks from appropriate section to place into pump hopper and place concrete. Sizes are measured at a 30 degree vertical reach. See CSI section 03 31 13 00-0016 for concrete placement.		
03 37 16 00-0002	HR 55' To 60' Boom Truck For Concrete Placement (95 CY Per Hour Rating)			242.44	
03 37 16 00-0003	HR 70' To 80' Boom Truck For Concrete Placement (117 CY Per Hour Rating)			263.40	
03 37 16 00-0004	HR 90' To 100' Boom Truck For Concrete Placement (117 CY Per Hour Rating)			339.12	
03 37 16 00-0005	HR 105' To 115' Boom Truck For Concrete Placement (117 CY Per Hour Rating)			386.25	
03 37 16 00-0006	HR 120' To 130' Boom Truck For Concrete Placement (170 CY Per Hour Rating)			434.89	
03 37 16 00-0007	HR 135' To 140' Boom Truck For Concrete Placement (170 CY Per Hour Rating)			537.90	
03 37 16 00-0008	HR 148' To 155' Boom Truck For Concrete Placement (170 CY Per Hour Rating)			599.36	
03 37 16 00-0009	HR 170' To 175' Boom Truck For Concrete Placement (182 CY Per Hour Rating)			748.22	
03 37 16 00-0010	HR 35 CY/HR, 66 HP Trailer Mounted Concrete Pump			162.41	
	Note: Includes hoses				

03 39 Concrete Curing (03 39)

03 39 13	Water Concrete Curing <small>(03 39)</small>				
03 39 13 00-0001	Water Concrete Curing <small>(03 39 13)</small>				
03 39 13 00-0002	SF Water Based Curing, Sealing, Hardening And Dustproofing Compound		Note: Coverage rates: rough finish = 300 SF/GAL, broom finish = 300 to 400 SF/GAL, steel troweled = 500 to 600 SF/GAL, and vertical surface = 400 - 500 SF/GAL.	0.33	

03 39 23 Membrane Concrete Curing (03 39)

03 39 23 23	Sheet Membrane Concrete Curing <small>(03 39 23)</small>				
03 39 23 23-0001	Warm Weather Concrete Curing Blankets <small>(03 39 23 23)</small>				
03 39 23 23-0002	CSF Warm Weather Concrete Curing Blankets			32.94	
03 39 23 23-0003	Cold Weather Concrete Curing Blankets <small>(03 39 23 23)</small>				
03 39 23 23-0004	CSF Electric, Cold Weather Concrete Curing Blanket			295.64	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 39 23 23-0005	CSF Non-Electric, Cold Weather Concrete Curing Blanket	35.82
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03 40 Precast Concrete ⁽⁰³⁾

Note: Precast concrete material prices are based on a precast operation producing large quantities of precast products. Includes the concrete panel, delivery to construction site and overhead/mobilization charges for the precast plant.

03 41 Precast Structural Concrete ^(03 40)

03 41 16 Precast Concrete Slabs ^(03 41)

03 41 16 00-0001 Flat Floor Slab/Floor Plank ^(03 41 16)

03 41 16 00-0002 Erection Costs For Using A 90 Ton Crawler Crane ^(03 41 16 00-0001)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 16 00-0003	EA Erect Precast Floor Deck, 0-2 Ton/Piece 150' Maximum Radius With 90 Ton Crane	348.69	278.97
03 41 16 00-0004	EA Erect Precast Floor Deck, 2-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	387.62	310.04
03 41 16 00-0005	EA Erect Precast Floor Deck, 3-4 Ton/Piece 105' Maximum Radius With 90 Ton Crane	411.60	329.26
03 41 16 00-0006	EA Erect Precast Floor Deck, 4-5 Ton/Piece 88' Maximum Radius With 90 Ton Crane	436.34	349.09
03 41 16 00-0007	EA Erect Precast Floor Deck, 5-6 Ton/Piece 82' Maximum Radius With 90 Ton Crane	466.96	373.55
03 41 16 00-0008	EA Erect Precast Floor Deck, 6-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	499.07	399.25
03 41 16 00-0009	EA Erect Precast Floor Deck, 7-8 Ton/Piece 70' Maximum Radius With 90 Ton Crane	535.90	428.69
03 41 16 00-0010	EA Erect Precast Floor Deck, 8-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	582.84	466.25
03 41 16 00-0011	EA Erect Precast Floor Deck, 9-10 Ton/Piece 60' Maximum Radius With 90 Ton Crane	633.73	507.05

03 41 16 00-0012 Material Cost ^(03 41 16 00-0001)

Note: Includes cost for 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations cost.

03 41 16 00-0013	SF 4" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect.....	30.09	
	For 3,500 PSI Concrete, Add	0.60	
	For 4,000 PSI Concrete, Add	0.90	
	For 4,500 PSI Concrete, Add	1.20	
	For 5,000 PSI Concrete, Add	1.81	
03 41 16 00-0014	SF 5" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect.....	36.11	
	For 3,500 PSI Concrete, Add	0.72	
	For 4,000 PSI Concrete, Add	1.08	
	For 4,500 PSI Concrete, Add	1.44	
	For 5,000 PSI Concrete, Add	2.17	
03 41 16 00-0015	SF 6" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect.....	44.13	
	For 3,500 PSI Concrete, Add	0.88	
	For 4,000 PSI Concrete, Add	1.32	
	For 4,500 PSI Concrete, Add	1.77	
	For 5,000 PSI Concrete, Add	2.65	
03 41 16 00-0016	SF 8" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect.....	58.58	
	For 3,500 PSI Concrete, Add	1.17	
	For 4,000 PSI Concrete, Add	1.76	
	For 4,500 PSI Concrete, Add	2.34	
	For 5,000 PSI Concrete, Add	3.51	

03 41 16 00-0017 Floor Units, Combination Beam And Slab ^(03 41 16)

03 41 16 00-0018 Erection Costs For Using 90 Ton Crawler Crane ^(03 41 16 00-0017)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 16 00-0019	EA Erect Precast Comb Deck, 0-5 Ton/Piece Beam And Slab, 88' Maximum Radius With 90 Ton Crane	428.19	342.54
03 41 16 00-0020	EA Erect Precast Comb Deck, 5-10 Ton/Piece Beam And Slab, 60' Maximum Radius With 90 Ton Crane	466.71	373.41
03 41 16 00-0021	EA Erect Precast Comb Deck, 10-15 Ton/Piece Beam And Slab, 43' Maximum Radius With 90 Ton Crane	515.83	412.62
03 41 16 00-0022	EA Erect Precast Comb Deck, 15-20 Ton/Piece Beam And Slab, 36' Maximum Radius With 90 Ton Crane	572.78	458.19
03 41 16 00-0023	EA Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 31' Maximum Radius With 90 Ton Crane	643.86	515.04

03 41 16 00-0024 Erection Costs Using A 125 Ton Crawler Crane ^(03 41 16 00-0017)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 16 00-0025	EA Erect Precast Comb Deck, 0-5 Ton/Piece Beam And Slab, 110' Maximum Radius, 125 Ton Crane	544.93	435.98
03 41 16 00-0026	EA Erect Precast Comb Deck, 5-10 Ton/Piece Beam And Slab, 75' Maximum Radius, 125 Ton Crane	593.95	475.13
03 41 16 00-0027	EA Erect Precast Comb Deck, 10-15 Ton/Piece Beam And Slab, 55' Maximum Radius, 125 Ton Crane	656.48	525.22
03 41 16 00-0028	EA Erect Precast Comb Deck, 15-20 Ton/Piece Beam And Slab, 50' Maximum Radius, 125 Ton Crane	728.94	583.18
03 41 16 00-0029	EA Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 40' Maximum Radius, 125 Ton Crane	819.40	655.58
03 41 16 00-0030	EA Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 33' Maximum Radius, 125 Ton Crane	890.93	712.69
03 41 16 00-0031	EA Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 30' Maximum Radius, 125 Ton Crane	984.71	787.77
03 41 16 00-0032	EA Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 28' Maximum Radius, 125 Ton Crane	1,089.88	871.96
03 41 16 00-0033	EA Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 26' Maximum Radius, 125 Ton Crane	1,233.60	986.88

03 41 16 00-0034 Material Cost ^(03 41 16 00-0017)

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operation.

03 41 16 00-0035 4" Slab ^(03 41 16 00-0034)

03 41 16 00-0036	CY Precast Combination Deck, 4" Slab With Beams Edge Beam Only, 3,000 PSI Concrete.....	3,169.44	
	For 3,500 PSI Concrete, Add	63.39	
	For 4,000 PSI Concrete, Add	95.08	
	For 4,500 PSI Concrete, Add	126.78	
	For 5,000 PSI Concrete, Add	190.17	

03 Concrete**03 40 Precast Concrete****03 41 Precast Structural Concrete**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 41 16 00-0037	CY	Precast Combination Deck, 4" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete.....	3,209.56	
		<i>For 3,500 PSI Concrete, Add</i>	64.19	
		<i>For 4,000 PSI Concrete, Add</i>	96.29	
		<i>For 4,500 PSI Concrete, Add</i>	128.38	
		<i>For 5,000 PSI Concrete, Add</i>	192.57	
03 41 16 00-0038	CY	Precast Combination Deck, 4" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete.....	3,610.76	
		<i>For 3,500 PSI Concrete, Add</i>	72.22	
		<i>For 4,000 PSI Concrete, Add</i>	108.32	
		<i>For 4,500 PSI Concrete, Add</i>	144.43	
		<i>For 5,000 PSI Concrete, Add</i>	216.65	

03 41 16 00-0039 5" Slab (03 41 16 00-0034)

03 41 16 00-0040	CY	Precast Combination Deck, 5" Slab With Beams Edge Beam Only, 3,000 PSI Concrete.....	3,249.68	
		<i>For 3,500 PSI Concrete, Add</i>	64.99	
		<i>For 4,000 PSI Concrete, Add</i>	97.49	
		<i>For 4,500 PSI Concrete, Add</i>	129.99	
		<i>For 5,000 PSI Concrete, Add</i>	194.98	
03 41 16 00-0041	CY	Precast Combination Deck, 5" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete.....	3,370.04	
		<i>For 3,500 PSI Concrete, Add</i>	67.40	
		<i>For 4,000 PSI Concrete, Add</i>	101.10	
		<i>For 4,500 PSI Concrete, Add</i>	134.80	
		<i>For 5,000 PSI Concrete, Add</i>	202.20	
03 41 16 00-0042	CY	Precast Combination Deck, 5" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete.....	4,292.79	
		<i>For 3,500 PSI Concrete, Add</i>	85.86	
		<i>For 4,000 PSI Concrete, Add</i>	128.78	
		<i>For 4,500 PSI Concrete, Add</i>	171.71	
		<i>For 5,000 PSI Concrete, Add</i>	257.57	

03 41 16 00-0043 6" Slab (03 41 16 00-0034)

03 41 16 00-0044	CY	Precast Combination Deck, 6" Slab With Beams Edge Beam Only, 3,000 PSI Concrete.....	3,370.04	
		<i>For 3,500 PSI Concrete, Add</i>	67.40	
		<i>For 4,000 PSI Concrete, Add</i>	101.10	
		<i>For 4,500 PSI Concrete, Add</i>	134.80	
		<i>For 5,000 PSI Concrete, Add</i>	202.20	
03 41 16 00-0045	CY	Precast Combination Deck, 6" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete.....	4,011.95	
		<i>For 3,500 PSI Concrete, Add</i>	80.24	
		<i>For 4,000 PSI Concrete, Add</i>	120.36	
		<i>For 4,500 PSI Concrete, Add</i>	160.48	
		<i>For 5,000 PSI Concrete, Add</i>	240.72	
03 41 16 00-0046	CY	Precast Combination Deck, 6" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete.....	4,894.58	
		<i>For 3,500 PSI Concrete, Add</i>	97.89	
		<i>For 4,000 PSI Concrete, Add</i>	146.84	
		<i>For 4,500 PSI Concrete, Add</i>	195.78	
		<i>For 5,000 PSI Concrete, Add</i>	293.67	

03 41 19 Precast Concrete Wall Panels (03 41)**03 41 19 00-0001 Structural Wall Panels (03 41 19)**

Note: Gray, smooth form or board finish one side.

03 41 19 00-0002 Erection Cost Using 50 Ton Hydraulic Crane (03 41 19 00-0001)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.

03 41 19 00-0003	EA	Erect Precast Wall Panel 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane.....	344.83	275.88
03 41 19 00-0004	EA	Erect Precast Wall Panel 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....	383.33	306.61
03 41 19 00-0005	EA	Erect Precast Wall Panel 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....	431.51	345.23
03 41 19 00-0006	EA	Erect Precast Wall Panel 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....	461.79	369.41
03 41 19 00-0007	EA	Erect Precast Wall Panel 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane.....	493.54	394.83
03 41 19 00-0008	EA	Erect Precast Wall Panel 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane.....	529.97	423.95
03 41 19 00-0009	EA	Erect Precast Wall Panel 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane.....	576.39	461.09
03 41 19 00-0010	EA	Erect Precast Wall Panel 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane.....	626.71	501.44

03 41 19 00-0011 Erection Cost Using 90 Ton Crawler Crane (03 41 19 00-0001)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.

03 41 19 00-0012	EA	Erect Precast Wall Panel 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane.....	385.19	308.12
03 41 19 00-0013	EA	Erect Precast Wall Panel 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane.....	428.19	342.54
03 41 19 00-0014	EA	Erect Precast Wall Panel 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane.....	482.01	385.67
03 41 19 00-0015	EA	Erect Precast Wall Panel 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane.....	515.83	412.62
03 41 19 00-0016	EA	Erect Precast Wall Panel 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane.....	551.30	441.04
03 41 19 00-0017	EA	Erect Precast Wall Panel 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane.....	592.00	473.63
03 41 19 00-0018	EA	Erect Precast Wall Panel 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane.....	643.86	515.04
03 41 19 00-0019	EA	Erect Precast Wall Panel 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane.....	700.06	560.00
03 41 19 00-0020	EA	Erect Precast Wall Panel 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane.....	773.76	619.05
03 41 19 00-0021	EA	Erect Precast Wall Panel 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane.....	856.39	685.08
03 41 19 00-0022	EA	Erect Precast Wall Panel 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane.....	969.32	775.50
03 41 19 00-0023	EA	Erect Precast Wall Panel 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane.....	1,102.61	882.08
03 41 19 00-0024	EA	Erect Precast Wall Panel 35-40 Ton/Piece 23' Maximum Radius With 90 Ton Crane.....	1,278.38	1,022.73

03 41 19 00-0025 Material Cost (03 41 19 00-0001)

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 41 19 00-0026	SF	4" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....	40.12		
		For 3,500 PSI Concrete, Add	0.80		
		For 4,000 PSI Concrete, Add	1.20		
		For 4,500 PSI Concrete, Add	1.60		
		For 5,000 PSI Concrete, Add	2.41		
		For White Facing, Add	8.02		
		For Solid White Through Thickness, Add	8.02		
		For Broken Rib Finish, Add	4.01		
		For Fluted Surface, Add	4.01		
		For Exposed Aggregate, Add	8.02		
		For Sandblasting Of Surface, Add	4.01		
		For 2" Polystyrene Insulation, Add	2.15		
03 41 19 00-0027	SF	5" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....	49.35		
		For 3,500 PSI Concrete, Add	0.99		
		For 4,000 PSI Concrete, Add	1.48		
		For 4,500 PSI Concrete, Add	1.97		
		For 5,000 PSI Concrete, Add	2.96		
		For White Facing, Add	9.87		
		For Solid White Through Thickness, Add	9.87		
		For Broken Rib Finish, Add	4.94		
		For Fluted Surface, Add	4.94		
		For Exposed Aggregate, Add	9.87		
		For Sandblasting Of Surface, Add	4.94		
		For 2" Polystyrene Insulation, Add	2.15		
03 41 19 00-0028	SF	6" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....	59.38		
		For 3,500 PSI Concrete, Add	1.19		
		For 4,000 PSI Concrete, Add	1.78		
		For 4,500 PSI Concrete, Add	2.38		
		For 5,000 PSI Concrete, Add	3.56		
		For White Facing, Add	11.88		
		For Solid White Through Thickness, Add	11.88		
		For Broken Rib Finish, Add	5.94		
		For Fluted Surface, Add	5.94		
		For Exposed Aggregate, Add	11.88		
		For Sandblasting Of Surface, Add	5.94		
		For 2" Polystyrene Insulation, Add	2.15		
03 41 19 00-0029	SF	8" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....	78.23		
		For 3,500 PSI Concrete, Add	1.56		
		For 4,000 PSI Concrete, Add	2.35		
		For 4,500 PSI Concrete, Add	3.13		
		For 5,000 PSI Concrete, Add	4.69		
		For White Facing, Add	15.65		
		For Solid White Through Thickness, Add	15.65		
		For Broken Rib Finish, Add	7.82		
		For Fluted Surface, Add	7.82		
		For Exposed Aggregate, Add	15.65		
		For Sandblasting Of Surface, Add	7.82		
		For 2" Polystyrene Insulation, Add	2.15		

03 41 19 00-0030 Partition Panels (03 41 19)

03 41 19 00-0031 Erection Costs Using 20 Ton Hydraulic Crane (03 41 19 00-0030)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0032	EA	Erect Precast Partition Wall 0-1 Ton/Piece 69' Maximum Radius With 20 Ton Crane.....	274.04		219.20
03 41 19 00-0033	EA	Erect Precast Partition Wall 1-2 Ton/Piece 50' Maximum Radius With 20 Ton Crane.....	304.63		243.73
03 41 19 00-0034	EA	Erect Precast Partition Wall 2-3 Ton/Piece 41' Maximum Radius With 20 Ton Crane.....	342.92		274.33
03 41 19 00-0035	EA	Erect Precast Partition Wall 3-4 Ton/Piece 33' Maximum Radius With 20 Ton Crane.....	392.22		313.78
03 41 19 00-0036	EA	Erect Precast Partition Wall 4-5 Ton/Piece 30' Maximum Radius With 20 Ton Crane.....	421.17		336.97
03 41 19 00-0037	EA	Erect Precast Partition Wall 5-6 Ton/Piece 26' Maximum Radius With 20 Ton Crane.....	458.07		366.45
03 41 19 00-0038	EA	Erect Precast Partition Wall 6-7 Ton/Piece 23' Maximum Radius With 20 Ton Crane.....	498.05		398.49
03 41 19 00-0039	EA	Erect Precast Partition Wall 7-8 Ton/Piece 20' Maximum Radius With 20 Ton Crane.....	550.48		440.41

03 41 19 00-0040 Erection Costs Using 50 Ton Hydraulic Crane (03 41 19 00-0030)

Note: Includes handling, hoisting in place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.

03 41 19 00-0041	EA	Erect Precast Partition Wall 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane.....	344.83		275.88
03 41 19 00-0042	EA	Erect Precast Partition Wall 1-2 Ton/Piece 82' Maximum Radius With 50 Ton Crane.....	383.33		306.61
03 41 19 00-0043	EA	Erect Precast Partition Wall 2-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....	431.51		345.23
03 41 19 00-0044	EA	Erect Precast Partition Wall 3-4 Ton/Piece 57' Maximum Radius With 50 Ton Crane.....	493.54		394.83
03 41 19 00-0045	EA	Erect Precast Partition Wall 4-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....	529.97		423.95
03 41 19 00-0046	EA	Erect Precast Partition Wall 5-6 Ton/Piece 44' Maximum Radius With 50 Ton Crane.....	576.39		461.09
03 41 19 00-0047	EA	Erect Precast Partition Wall 6-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....	626.71		501.44
03 41 19 00-0048	EA	Erect Precast Partition Wall 7-8 Ton/Piece 36' Maximum Radius With 50 Ton Crane.....	692.68		554.12
03 41 19 00-0049	EA	Erect Precast Partition Wall 8-10 Ton/Piece 31' Maximum Radius With 50 Ton Crane.....	766.66		613.35
03 41 19 00-0050	EA	Erect Precast Partition Wall 10-12 Ton/Piece 26' Maximum Radius With 50 Ton Crane.....	867.76		694.16
03 41 19 00-0051	EA	Erect Precast Partition Wall 12-14 Ton/Piece 25' Maximum Radius With 50 Ton Crane.....	987.07		789.66
03 41 19 00-0052	EA	Erect Precast Partition Wall 14-16 Ton/Piece 21' Maximum Radius With 50 Ton Crane.....	1,144.44		915.51

03 41 19 00-0053 Material Cost (03 41 19 00-0030)

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations.

03 Concrete**03 40 Precast Concrete****03 41 Precast Structural Concrete**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 41 19 00-0054	SF	4" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect.....	38.11	
		<i>For 4,000 PSI Concrete, Add</i>	1.14	
		<i>For 4,500 PSI Concrete, Add</i>	1.52	
		<i>For 5,000 PSI Concrete, Add</i>	2.29	
		<i>For White Facing, Add</i>	7.62	
		<i>For Solid White Through Thickness, Add</i>	7.62	
		<i>For Broken Rib Finish, Add</i>	3.81	
		<i>For Fluted Surface, Add</i>	3.81	
		<i>For Exposed Aggregate, Add</i>	7.62	
		<i>For Sandblasting Of Surface, Add</i>	3.81	
03 41 19 00-0055	SF	5" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect.....	46.94	
		<i>For 4,000 PSI Concrete, Add</i>	1.41	
		<i>For 4,500 PSI Concrete, Add</i>	1.88	
		<i>For 5,000 PSI Concrete, Add</i>	2.82	
		<i>For White Facing, Add</i>	9.39	
		<i>For Solid White Through Thickness, Add</i>	9.39	
		<i>For Broken Rib Finish, Add</i>	4.69	
		<i>For Fluted Surface, Add</i>	4.69	
		<i>For Exposed Aggregate, Add</i>	9.39	
		<i>For Sandblasting Of Surface, Add</i>	4.69	
03 41 19 00-0056	SF	6" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect.....	56.17	
		<i>For 4,000 PSI Concrete, Add</i>	1.69	
		<i>For 4,500 PSI Concrete, Add</i>	2.25	
		<i>For 5,000 PSI Concrete, Add</i>	3.37	
		<i>For White Facing, Add</i>	11.23	
		<i>For Solid White Through Thickness, Add</i>	11.23	
		<i>For Broken Rib Finish, Add</i>	5.62	
		<i>For Fluted Surface, Add</i>	5.62	
		<i>For Exposed Aggregate, Add</i>	11.23	
		<i>For Sandblasting Of Surface, Add</i>	5.62	
03 41 19 00-0057	SF	8" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect.....	74.22	
		<i>For 4,000 PSI Concrete, Add</i>	2.23	
		<i>For 4,500 PSI Concrete, Add</i>	2.97	
		<i>For 5,000 PSI Concrete, Add</i>	4.45	
		<i>For White Facing, Add</i>	14.84	
		<i>For Solid White Through Thickness, Add</i>	14.84	
		<i>For Broken Rib Finish, Add</i>	7.42	
		<i>For Fluted Surface, Add</i>	7.42	
		<i>For Exposed Aggregate, Add</i>	14.84	
		<i>For Sandblasting Of Surface, Add</i>	7.42	

03 41 19 00-0058 Cladding Panels (03 41 19)**03 41 19 00-0059 Erection Costs Using 50 Ton Hydraulic Crane (03 41 19 00-0058)**

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0060	EA	Erect Precast Cladding 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane.....	363.90	291.06
03 41 19 00-0061	EA	Erect Precast Cladding 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....	407.04	325.61
03 41 19 00-0062	EA	Erect Precast Cladding 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....	461.79	369.41
03 41 19 00-0063	EA	Erect Precast Cladding 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....	493.54	394.83
03 41 19 00-0064	EA	Erect Precast Cladding 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane.....	529.97	423.95
03 41 19 00-0065	EA	Erect Precast Cladding 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane.....	576.39	461.09
03 41 19 00-0066	EA	Erect Precast Cladding 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane.....	626.71	501.44
03 41 19 00-0067	EA	Erect Precast Cladding 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane.....	692.68	554.12

03 41 19 00-0068 Erection Costs Using 90 Ton Crawler Crane (03 41 19 00-0058)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0069	EA	Erect Precast Cladding 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane.....	406.48	325.15
03 41 19 00-0070	EA	Erect Precast Cladding 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane.....	454.68	363.74
03 41 19 00-0071	EA	Erect Precast Cladding 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane.....	515.83	412.62
03 41 19 00-0072	EA	Erect Precast Cladding 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane.....	551.30	441.04
03 41 19 00-0073	EA	Erect Precast Cladding 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane.....	592.00	473.63
03 41 19 00-0074	EA	Erect Precast Cladding 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane.....	643.86	515.04
03 41 19 00-0075	EA	Erect Precast Cladding 11-13 Ton/Piece 90' Maximum Radius With 90 Ton Crane.....	700.06	560.00
03 41 19 00-0076	EA	Erect Precast Cladding 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane.....	773.76	619.05
03 41 19 00-0077	EA	Erect Precast Cladding 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane.....	856.39	685.08
03 41 19 00-0078	EA	Erect Precast Cladding 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane.....	969.32	775.50
03 41 19 00-0079	EA	Erect Precast Cladding 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane.....	1,102.61	882.08
03 41 19 00-0080	EA	Erect Precast Cladding 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane.....	1,278.38	1,022.73

03 41 19 00-0081 Material Cost (03 41 19 00-0058)

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations.

03 41 19 00-0082	SF	4" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect.....	38.11	
		<i>For 3,500 PSI Concrete, Add</i>	0.76	
		<i>For 4,000 PSI Concrete, Add</i>	1.14	
		<i>For 4,500 PSI Concrete, Add</i>	1.52	
		<i>For 5,000 PSI Concrete, Add</i>	2.29	
		<i>For White Facing, Add</i>	7.62	
		<i>For Solid White Through Thickness, Add</i>	7.62	
		<i>For Broken Rib Finish, Add</i>	3.81	
		<i>For Fluted Surface, Add</i>	3.81	
		<i>For Exposed Aggregate, Add</i>	7.62	
		<i>For Sandblasting Of Surface, Add</i>	3.81	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 41 19 00-0083	SF	5"	Thick	3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect.....	46.94	
				For 3,500 PSI Concrete, Add	0.94	
				For 4,000 PSI Concrete, Add	1.41	
				For 4,500 PSI Concrete, Add	1.88	
				For 5,000 PSI Concrete, Add	2.82	
				For White Facing, Add	9.39	
				For Solid White Through Thickness, Add	9.39	
				For Broken Rib Finish, Add	4.69	
				For Fluted Surface, Add	4.69	
				For Exposed Aggregate, Add	9.39	
				For Sandblasting Of Surface, Add	4.69	
03 41 19 00-0084	SF	6"	Thick	3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect.....	56.17	
				For 3,500 PSI Concrete, Add	1.12	
				For 4,000 PSI Concrete, Add	1.69	
				For 4,500 PSI Concrete, Add	2.25	
				For 5,000 PSI Concrete, Add	3.37	
				For White Facing, Add	11.23	
				For Solid White Through Thickness, Add	11.23	
				For Broken Rib Finish, Add	5.62	
				For Fluted Surface, Add	5.62	
				For Exposed Aggregate, Add	11.23	
				For Sandblasting Of Surface, Add	5.62	
03 41 19 00-0085	SF	8"	Thick	3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect.....	74.22	
				For 3,500 PSI Concrete, Add	1.48	
				For 4,000 PSI Concrete, Add	2.23	
				For 4,500 PSI Concrete, Add	2.97	
				For 5,000 PSI Concrete, Add	4.45	
				For White Facing, Add	14.84	
				For Solid White Through Thickness, Add	14.84	
				For Broken Rib Finish, Add	7.42	
				For Fluted Surface, Add	7.42	
				For Exposed Aggregate, Add	14.84	
				For Sandblasting Of Surface, Add	7.42	

03 41 19 00-0086 Sandwich Panel (03 41 19)
03 41 19 00-0087 Erection Costs Using 50 Ton Hydraulic Crane (03 41 19 00-0086)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0088	EA	Erect	Precast Sandwich Panel 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane		363.90	291.06
03 41 19 00-0089	EA	Erect	Precast Sandwich Panel 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane		407.04	325.61
03 41 19 00-0090	EA	Erect	Precast Sandwich Panel 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane		461.79	369.41
03 41 19 00-0091	EA	Erect	Precast Sandwich Panel 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane		493.54	394.83
03 41 19 00-0092	EA	Erect	Precast Sandwich Panel 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane		529.97	423.95
03 41 19 00-0093	EA	Erect	Precast Sandwich Panel 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane		576.39	461.09
03 41 19 00-0094	EA	Erect	Precast Sandwich Panel 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane		626.71	501.44
03 41 19 00-0095	EA	Erect	Precast Sandwich Panel 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane		692.68	554.12

03 41 19 00-0096 Erection Costs Using 90 Ton Crawler Crane (03 41 19 00-0086)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0097	EA	Erect	Precast Sandwich Panel 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane		367.98	294.32
03 41 19 00-0098	EA	Erect	Precast Sandwich Panel 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane		411.60	329.26
03 41 19 00-0099	EA	Erect	Precast Sandwich Panel 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane		466.96	373.55
03 41 19 00-0100	EA	Erect	Precast Sandwich Panel 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane		499.07	399.25
03 41 19 00-0101	EA	Erect	Precast Sandwich Panel 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane		535.90	428.69
03 41 19 00-0102	EA	Erect	Precast Sandwich Panel 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane		582.84	466.25
03 41 19 00-0103	EA	Erect	Precast Sandwich Panel 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane		633.73	507.05
03 41 19 00-0104	EA	Erect	Precast Sandwich Panel 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane		700.44	560.32
03 41 19 00-0105	EA	Erect	Precast Sandwich Panel 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane		775.24	620.21
03 41 19 00-0106	EA	Erect	Precast Sandwich Panel 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane		877.47	701.93
03 41 19 00-0107	EA	Erect	Precast Sandwich Panel 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane		998.12	798.50
03 41 19 00-0108	EA	Erect	Precast Sandwich Panel 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane		1,157.25	925.76

03 41 19 00-0109 Material Cost (03 41 19 00-0086)

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations. Sandwich panel consists of 2.5" cladding panel, 2" fiber board insulation and the structural panel as defined.

03 41 19 00-0110	SF	4"	Thick	3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	52.16	
				For 3,500 PSI Concrete, Add	1.04	
				For 4,000 PSI Concrete, Add	1.56	
				For 4,500 PSI Concrete, Add	2.09	
				For 5,000 PSI Concrete, Add	3.13	
				For White Facing, Add	10.43	
				For Solid White Through Thickness, Add	10.43	
				For Broken Rib Finish, Add	5.22	
				For Fluted Surface, Add	5.22	
				For Exposed Aggregate, Add	10.43	
				For Sandblasting Of Surface, Add	5.22	

03 Concrete**03 40 Precast Concrete****03 41 Precast Structural Concrete**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 41 19 00-0111	SF	5" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	61.38	
		<i>For 3,500 PSI Concrete, Add</i>	1.23	
		<i>For 4,000 PSI Concrete, Add</i>	1.84	
		<i>For 4,500 PSI Concrete, Add</i>	2.46	
		<i>For 5,000 PSI Concrete, Add</i>	3.68	
		<i>For White Facing, Add</i>	12.28	
		<i>For Solid White Through Thickness, Add</i>	12.28	
		<i>For Broken Rib Finish, Add</i>	6.14	
		<i>For Fluted Surface, Add</i>	6.14	
		<i>For Exposed Aggregate, Add</i>	12.28	
		<i>For Sandblasting Of Surface, Add</i>	6.14	
03 41 19 00-0112	SF	6" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	71.41	
		<i>For 3,500 PSI Concrete, Add</i>	1.43	
		<i>For 4,000 PSI Concrete, Add</i>	2.14	
		<i>For 4,500 PSI Concrete, Add</i>	2.86	
		<i>For 5,000 PSI Concrete, Add</i>	4.28	
		<i>For White Facing, Add</i>	14.28	
		<i>For Solid White Through Thickness, Add</i>	14.28	
		<i>For Broken Rib Finish, Add</i>	7.14	
		<i>For Fluted Surface, Add</i>	7.14	
		<i>For Exposed Aggregate, Add</i>	14.28	
		<i>For Sandblasting Of Surface, Add</i>	7.14	
03 41 19 00-0113	SF	8" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	90.27	
		<i>For 3,500 PSI Concrete, Add</i>	1.81	
		<i>For 4,000 PSI Concrete, Add</i>	2.71	
		<i>For 4,500 PSI Concrete, Add</i>	3.61	
		<i>For 5,000 PSI Concrete, Add</i>	5.42	
		<i>For White Facing, Add</i>	18.05	
		<i>For Solid White Through Thickness, Add</i>	18.05	
		<i>For Broken Rib Finish, Add</i>	9.03	
		<i>For Fluted Surface, Add</i>	9.03	
		<i>For Exposed Aggregate, Add</i>	18.05	
		<i>For Sandblasting Of Surface, Add</i>	9.03	

03 41 23 Precast Concrete Stairs (03 41)**03 41 23 00-0001 Erection Costs Using A 50 Ton Hydraulic Crane (03 41 23)**

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 23 00-0002	EA	Erect Precast Stairs, 0-2 Ton/Piece 82' Maximum Radius With 50 Ton Crane.....	383.33	306.61
03 41 23 00-0003	EA	Erect Precast Stairs, 2-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....	407.04	325.61
03 41 23 00-0004	EA	Erect Precast Stairs, 3-4 Ton/Piece 57' Maximum Radius With 50 Ton Crane.....	431.51	345.23
03 41 23 00-0005	EA	Erect Precast Stairs, 4-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....	461.79	369.41
03 41 23 00-0006	EA	Erect Precast Stairs, 5-6 Ton/Piece 44' Maximum Radius With 50 Ton Crane.....	493.54	394.83
03 41 23 00-0007	EA	Erect Precast Stairs, 6-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....	529.97	423.95
03 41 23 00-0008	EA	Erect Precast Stairs, 7-8 Ton/Piece 36' Maximum Radius With 50 Ton Crane.....	576.39	461.09
03 41 23 00-0009	EA	Erect Precast Stairs, 8-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane.....	626.71	501.44

03 41 23 00-0010 Erection Costs Using A 90 Ton Crawler Crane (03 41 23)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 23 00-0011	EA	Erect Precast Stairs, 0-2 Ton/Piece 151' Maximum Radius With 90 Ton Crane.....	383.33	306.61
03 41 23 00-0012	EA	Erect Precast Stairs, 2-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane.....	407.04	325.61
03 41 23 00-0013	EA	Erect Precast Stairs, 3-4 Ton/Piece 105' Maximum Radius With 90 Ton Crane.....	431.51	345.23
03 41 23 00-0014	EA	Erect Precast Stairs, 4-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane.....	461.79	369.41
03 41 23 00-0015	EA	Erect Precast Stairs, 5-6 Ton/Piece 82' Maximum Radius With 90 Ton Crane.....	493.54	394.83
03 41 23 00-0016	EA	Erect Precast Stairs, 6-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane.....	529.97	423.95
03 41 23 00-0017	EA	Erect Precast Stairs, 7-8 Ton/Piece 70' Maximum Radius With 90 Ton Crane.....	576.39	461.09
03 41 23 00-0018	EA	Erect Precast Stairs, 8-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane.....	626.71	501.44

03 41 23 00-0019 Material Cost (03 41 23)

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast operations.

03 41 23 00-0020	EA	3' Wide With 10-1/2" Depth Treads Precast Concrete Stair Unit, Per Riser.....	804.04	
		<i>For 3,500 PSI Concrete, Add</i>	104.93	
		<i>For 4,000 PSI Concrete, Add</i>	197.15	
		<i>For 4,500 PSI Concrete, Add</i>	289.78	
		<i>For 5,000 PSI Concrete, Add</i>	394.22	

03 41 26 Precast Concrete Structural Sections (03 41)**03 41 26 00-0001 Precast Beams, Girder And Joists (03 41 26)****03 41 26 00-0002 Erection Costs Using A 90 Ton Crawler Crane (03 41 26 00-0001)**

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 26 00-0003	EA	Erect Precast Structural Sections, 0-5 Ton/Piece Beam, Girder, Joist; 89' Maximum Radius, 90 Ton Crane	482.01	385.67
03 41 26 00-0004	EA	Erect Precast Structural Sections, 5-10 Ton/Piece Beam, Girder, Joist; 60' Maximum Radius, 90 Ton Crane	515.83	412.62
03 41 26 00-0005	EA	Erect Precast Structural Sections, 10-15 Ton/Piece Beam, Girder, Joist; 43' Maximum Radius, 90 Ton Crane	551.30	441.04
03 41 26 00-0006	EA	Erect Precast Structural Sections, 15-20 Ton/Piece Beam, Girder, Joist; 36' Maximum Radius, 90 Ton Crane	592.00	473.63

03 41 26 00-0007 Erection Costs Using A 125 Ton Crawler Crane (03 41 26 00-0001)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 26 00-0008	EA	Erect Precast Structural Sections, 0-5 Ton/Piece Beam, Girder, Joist; 110' Maximum Radius, 125 Ton Crane	613.43	490.71
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MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 41 26 00-0009	EA	Erect Precast Structural Sections, 5-10 Ton/Piece Beam, Girder, Joist; 75' Maximum Radius, 125 Ton Crane	656.48	525.22
03 41 26 00-0010	EA	Erect Precast Structural Sections, 10-15 Ton/Piece Beam, Girder, Joist; 55' Maximum Radius, 125 Ton Crane	701.61	561.29
03 41 26 00-0011	EA	Erect Precast Structural Sections, 15-20 Ton/Piece Beam, Girder, Joist; 50' Maximum Radius, 125 Ton Crane	753.40	602.68
03 41 26 00-0012	EA	Erect Precast Structural Sections, 20-25 Ton/Piece Beam, Girder, Joist; 40' Maximum Radius, 125 Ton Crane	819.40	655.58
03 41 26 00-0013	EA	Erect Precast Structural Sections, 25-30 Ton/Piece Beam, Girder, Joist; 33' Maximum Radius, 125 Ton Crane	890.93	712.69
03 41 26 00-0014	EA	Erect Precast Structural Sections, 30-35 Ton/Piece Beam, Girder, Joist; 30' Maximum Radius, 125 Ton Crane	984.71	787.77
03 41 26 00-0015	EA	Erect Precast Structural Sections, 35-40 Ton/Piece Beam, Girder, Joist; 28' Maximum Radius, 125 Ton Crane	1,089.88	871.96

03 41 26 00-0016 Material Cost (03 41 26 00-0001)

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations.

03 41 26 00-0017 1,000 LB/LF Live Load (03 41 26 00-0016)

03 41 26 00-0018	LF	Precast Structural Sections, 1,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI.....	160.78	
		<i>For 3,500 PSI Concrete, Add</i>	<i>4.39</i>	
		<i>For 4,000 PSI Concrete, Add</i>	<i>6.59</i>	
		<i>For 4,500 PSI Concrete, Add</i>	<i>8.78</i>	
		<i>For 5,000 PSI Concrete, Add</i>	<i>13.18</i>	
03 41 26 00-0019	LF	Precast Structural Sections, 1,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI.....	200.98	
		<i>For 3,500 PSI Concrete, Add</i>	<i>5.49</i>	
		<i>For 4,000 PSI Concrete, Add</i>	<i>8.24</i>	
		<i>For 4,500 PSI Concrete, Add</i>	<i>10.97</i>	
		<i>For 5,000 PSI Concrete, Add</i>	<i>16.48</i>	
03 41 26 00-0020	LF	Precast Structural Sections, 1,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI.....	241.18	
		<i>For 3,500 PSI Concrete, Add</i>	<i>6.58</i>	
		<i>For 4,000 PSI Concrete, Add</i>	<i>9.89</i>	
		<i>For 4,500 PSI Concrete, Add</i>	<i>13.17</i>	
		<i>For 5,000 PSI Concrete, Add</i>	<i>19.78</i>	

03 41 26 00-0021 3,000 LB/LF Live Load (03 41 26 00-0016)

03 41 26 00-0022	LF	Precast Structural Sections, 3,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI.....	200.98	
		<i>For 3,500 PSI Concrete, Add</i>	<i>5.49</i>	
		<i>For 4,000 PSI Concrete, Add</i>	<i>8.24</i>	
		<i>For 4,500 PSI Concrete, Add</i>	<i>10.97</i>	
		<i>For 5,000 PSI Concrete, Add</i>	<i>16.48</i>	
03 41 26 00-0023	LF	Precast Structural Sections, 3,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI.....	241.18	
		<i>For 3,500 PSI Concrete, Add</i>	<i>6.58</i>	
		<i>For 4,000 PSI Concrete, Add</i>	<i>9.89</i>	
		<i>For 4,500 PSI Concrete, Add</i>	<i>13.17</i>	
		<i>For 5,000 PSI Concrete, Add</i>	<i>19.78</i>	
03 41 26 00-0024	LF	Precast Structural Sections, 3,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI.....	321.57	
		<i>For 3,500 PSI Concrete, Add</i>	<i>8.78</i>	
		<i>For 4,000 PSI Concrete, Add</i>	<i>13.18</i>	
		<i>For 4,500 PSI Concrete, Add</i>	<i>17.56</i>	
		<i>For 5,000 PSI Concrete, Add</i>	<i>26.37</i>	

03 41 26 00-0025 5,000 LB/LF Live Load (03 41 26 00-0016)

03 41 26 00-0026	LF	Precast Structural Sections, 5,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI.....	281.37	
		<i>For 3,500 PSI Concrete, Add</i>	<i>7.68</i>	
		<i>For 4,000 PSI Concrete, Add</i>	<i>11.54</i>	
		<i>For 4,500 PSI Concrete, Add</i>	<i>15.36</i>	
		<i>For 5,000 PSI Concrete, Add</i>	<i>23.07</i>	
03 41 26 00-0027	LF	Precast Structural Sections, 5,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI.....	321.57	
		<i>For 3,500 PSI Concrete, Add</i>	<i>8.78</i>	
		<i>For 4,000 PSI Concrete, Add</i>	<i>13.18</i>	
		<i>For 4,500 PSI Concrete, Add</i>	<i>17.56</i>	
		<i>For 5,000 PSI Concrete, Add</i>	<i>26.37</i>	
03 41 26 00-0028	LF	Precast Structural Sections, 5,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI.....	401.96	
		<i>For 3,500 PSI Concrete, Add</i>	<i>10.97</i>	
		<i>For 4,000 PSI Concrete, Add</i>	<i>16.48</i>	
		<i>For 4,500 PSI Concrete, Add</i>	<i>21.95</i>	
		<i>For 5,000 PSI Concrete, Add</i>	<i>32.96</i>	

03 41 26 00-0029 Precast Concrete Columns (03 41 26)
03 41 26 00-0030 Erection Costs Using A 90 Ton Crawler Crane (03 41 26 00-0029)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 26 00-0031	EA	Erect Precast Concrete Columns, 0-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	279.19	223.33
03 41 26 00-0032	EA	Erect Precast Concrete Columns, 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	296.84	237.43
03 41 26 00-0033	EA	Erect Precast Concrete Columns, 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	318.12	254.52
03 41 26 00-0034	EA	Erect Precast Concrete Columns, 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	341.24	272.99
03 41 26 00-0035	EA	Erect Precast Concrete Columns, 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	367.98	294.32
03 41 26 00-0036	EA	Erect Precast Concrete Columns, 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane	399.25	319.39
03 41 26 00-0037	EA	Erect Precast Concrete Columns, 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	436.34	349.09

03 41 26 00-0038 Material Cost (03 41 26 00-0029)

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast operations.

03 41 26 00-0039 12" x 12" Column, Square, Tied (03 41 26 00-0038)

03 Concrete**03 40 Precast Concrete****03 41 Precast Structural Concrete**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 41 26 00-0040	CY	12" x 12" Precast Column, Tied, Average Reinforced 351 LB/CY	832.19	
		For 3,500 PSI Concrete, Add	62.41	
		For 4,000 PSI Concrete, Add	117.34	
		For 4,500 PSI Concrete, Add	173.10	
		For 5,000 PSI Concrete, Add	235.51	
03 41 26 00-0041		16" x 16" Column, Square, Tied (03 41 26 00-0038)		
03 41 26 00-0042	CY	16" x 16" Precast Column, Tied, Average Reinforced 368 LB/CY	852.74	
		For 3,500 PSI Concrete, Add	63.96	
		For 4,000 PSI Concrete, Add	120.24	
		For 4,500 PSI Concrete, Add	177.37	
		For 5,000 PSI Concrete, Add	241.33	
03 41 26 00-0043		20" x 20" Column, Square, Tied (03 41 26 00-0038)		
03 41 26 00-0044	CY	20" x 20" Precast Column, Tied, Average Reinforced 357 LB/CY	854.38	
		For 3,500 PSI Concrete, Add	64.08	
		For 4,000 PSI Concrete, Add	120.47	
		For 4,500 PSI Concrete, Add	177.71	
		For 5,000 PSI Concrete, Add	241.79	
03 41 26 00-0045		24" x 24" Column, Square, Tied (03 41 26 00-0038)		
03 41 26 00-0046	CY	24" x 24" Precast Column, Tied, Average Reinforced 365 LB/CY	854.38	
		For 3,500 PSI Concrete, Add	64.08	
		For 4,000 PSI Concrete, Add	120.47	
		For 4,500 PSI Concrete, Add	177.71	
		For 5,000 PSI Concrete, Add	241.79	
03 41 26 00-0047		28" x 28" Column, Square, Tied (03 41 26 00-0038)		
03 41 26 00-0048	CY	28" x 28" Precast Column, Tied, Average Reinforced 347 LB/CY	854.38	
		For 3,500 PSI Concrete, Add	64.08	
		For 4,000 PSI Concrete, Add	120.47	
		For 4,500 PSI Concrete, Add	177.71	
		For 5,000 PSI Concrete, Add	241.79	
03 41 26 00-0049		32" x 32" Column, Square, Tied (03 41 26 00-0038)		
03 41 26 00-0050	CY	32" x 32" Precast Column, Tied, Average Reinforced 351 LB/CY	852.74	
		For 3,500 PSI Concrete, Add	63.96	
		For 4,000 PSI Concrete, Add	120.24	
		For 4,500 PSI Concrete, Add	177.37	
		For 5,000 PSI Concrete, Add	241.33	
03 41 26 00-0051		36" x 36" Column, Square, Tied (03 41 26 00-0038)		
03 41 26 00-0052	CY	36" x 36" Precast Column, Tied, Average Reinforced 278 LB/CY	854.38	
		For 3,500 PSI Concrete, Add	64.08	
		For 4,000 PSI Concrete, Add	120.47	
		For 4,500 PSI Concrete, Add	177.71	
		For 5,000 PSI Concrete, Add	241.79	
03 41 33 Precast Structural Pretensioned Concrete (03 41)				
03 41 33 00-0001		Slabs, Roof And Floor Members (03 41 33)		
03 41 33 00-0002	SF	4" Thick Precast Prestressed Slab, 12-16' Span Roof/Floor	17.05	2.26
03 41 33 00-0003	SF	6" Thick Precast Prestressed Slab, 16-25' Span Roof/Floor	21.24	2.26
03 41 33 00-0004	SF	8" Thick Precast Prestressed Slab, 25-32' Span Roof/Floor	25.44	2.37
03 41 33 00-0005	SF	10" Thick Precast Prestressed Slab, 32-40' Span Roof/Floor	29.65	2.49
03 41 33 00-0006		Tee Members (03 41 33)		
03 41 33 00-0007		Multiple Tee, Roof And Floor (03 41 33 00-0006)		
03 41 33 00-0008	SF	Prestressed Multiple Tee, Roof And Floor Members	38.27	2.94
03 41 33 00-0009		Double Tee Wall Member (03 41 33 00-0006)		
03 41 33 00-0010	SF	Prestressed Double Tee Wall Members Precast Concrete, <40' Span	54.26	8.01
03 41 33 00-0011		Single Tee, Short Span, Roof Members (03 41 33 00-0006)		
03 41 33 00-0012	SF	Prestressed Single Tee, Short Span Roof Precast Concrete Members, <40' Span	45.02	4.86
03 41 33 00-0013		Single Tee, Long Span, Roof Members (03 41 33 00-0006)		
03 41 33 00-0014	SF	Prestressed Single Tee, Long Span Roof Precast Concrete Members, <40' Span	53.98	4.18
03 41 33 00-0015		Prestressed Concrete Items (03 41 33)		
03 41 33 00-0016		Prestressed Quad Tee (03 41 33 00-0015)		
03 41 33 00-0017	SF	Tees, Prestressed Quad Tee, Short Spans, Roof	27.67	0.90

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 41 33 00-0018	SF	Tees, Prestressed Quad Tee, Short Spans, Floor.....	28.88	0.90
03 41 33 00-0019 Prestressed Double Tee (03 41 33 00-0015)				
03 41 33 00-0020	SF	Tees, Double Tee, Floor Members, 60' Span.....	46.00	0.79
03 41 33 00-0021	SF	Tees, Double Tee, Floor Members, 80' Span.....	63.32	0.79
03 41 33 00-0022	SF	Tees, Double Tee, Roof Members, 30' Span.....	31.41	1.36
03 41 33 00-0023	SF	Tees, Double Tee, Roof Members, 50' Span.....	48.64	0.90
03 41 33 00-0024	SF	Tees, Double Tee, Wall Members, Up To 55' High.....	34.04	1.81
03 41 33 00-0025 Prestressed Single Tee (03 41 33 00-0015)				
03 41 33 00-0026	SF	Tees, Single Tee Roof Members, 40' Span.....	54.46	2.04
03 41 33 00-0027	SF	Tees, Single Tee Roof Members, 80' Span.....	63.05	1.24
03 41 33 00-0028	SF	Tees, Single Tee Roof Members, 100' Span.....	83.40	1.13
03 41 33 00-0029	SF	Tees, Single Tee Roof Members, 120' Span.....	87.82	1.13
03 41 33 00-0030 Prestressed Double Tee Floor Members (03 41 33 00-0015)				
03 41 33 00-0031	EA	Tees, Double Tees, Floor Members, Lightweight, 20" X 8' Wide, 45'.....	14,074.91	325.08
03 41 33 00-0032	EA	Tees, Double Tees, Floor Members, Lightweight, 24" X 8' Wide, 50'.....	15,326.06	361.20
03 41 33 00-0033	EA	Tees, Double Tees, Floor Members, Lightweight, 32" X 8' Wide, 60'.....	25,633.83	406.36
03 41 33 00-0034	EA	Tees, Double Tees, Floor Members, Standard Weight, 12" X 8' Wide, 25'.....	5,515.27	295.62
03 41 33 00-0035	EA	Tees, Double Tees, Floor Members, Standard Weight, 16" X 8' Wide, 25'.....	7,240.65	325.08
03 41 33 00-0036	EA	Tees, Double Tees, Floor Members, Standard Weight, 18" X 8' Wide, 35'.....	9,250.73	325.08
03 41 33 00-0037	EA	Tees, Double Tees, Floor Members, Standard Weight, 20" X 8' Wide, 45'.....	10,300.87	361.20
03 41 33 00-0038	EA	Tees, Double Tees, Floor Members, Standard Weight, 24" X 8' Wide, 50'.....	13,171.36	406.36
03 41 33 00-0039	EA	Tees, Double Tees, Floor Members, Standard Weight, 32" X 10' Wide, 60'.....	23,696.59	464.60
03 41 33 00-0040 Prestressed Double Tee Roof Members (03 41 33 00-0015)				
03 41 33 00-0041	EA	Tees, Double Tees, Roof Members, Lightweight, 20" X 8' Wide, 45'.....	11,059.79	325.08
03 41 33 00-0042	EA	Tees, Double Tees, Roof Members, Lightweight, 24" X 8' Wide, 50'.....	14,522.03	361.20
03 41 33 00-0043	EA	Tees, Double Tees, Roof Members, Lightweight, 32" X 10' Wide, 60'.....	23,824.76	406.36
03 41 33 00-0044	EA	Tees, Double Tees, Roof Members, Standard Weight, 12" X 8' Wide, 30'.....	7,404.75	295.62
03 41 33 00-0045	EA	Tees, Double Tees, Roof Members, Standard Weight, 16" X 8' Wide, 30'.....	9,203.47	325.08
03 41 33 00-0046	EA	Tees, Double Tees, Roof Members, Standard Weight, 18" X 8' Wide, 30'.....	8,647.70	325.08
03 41 33 00-0047	EA	Tees, Double Tees, Roof Members, Standard Weight, 20" X 8' Wide, 40'.....	8,893.82	361.20
03 41 33 00-0048	EA	Tees, Double Tees, Roof Members, Standard Weight, 24" X 8' Wide, 50'.....	11,764.31	406.36
03 41 33 00-0049	EA	Tees, Double Tees, Roof Members, Standard Weight, 32" X 10' Wide, 60'.....	20,279.46	464.60
03 41 33 00-0050 Plant Produced Pretensioned Prestressed Concrete Hollow Core Slab (03 41 33)				
03 41 33 00-0051	SF	Hollow Core Slab, 4" Slab, 12' - 16' Spans, Plant Produced Pretensioned Prestressed Concrete.....	29.23	
03 41 33 00-0052	SF	Hollow Core Slab, 6" Slab, 16' - 25' Spans, Plant Produced Pretensioned Prestressed Concrete.....	30.44	
03 41 33 00-0053	SF	Hollow Core Slab, 8" Slab, 25' - 30' Spans, Plant Produced Pretensioned Prestressed Concrete.....	31.85	
03 41 33 00-0054	SF	Hollow Core Slab, 10" Slab, 30' - 35' Spans, Plant Produced Pretensioned Prestressed Concrete.....	32.93	
03 41 33 00-0055	SF	Hollow Core Slab, 12" Slab, 35' - 40' Spans, Plant Produced Pretensioned Prestressed Concrete.....	35.18	
03 41 33 00-0056 Double And Single Tees (03 41 33)				
03 41 33 00-0057 Double And Single Tees With 16" Roof And Floor Loading (03 41 33 00-0056)				
03 41 33 00-0058	SF	Double Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete.....	35.34	
03 41 33 00-0059	SF	Double Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete.....	34.50	
03 41 33 00-0060	SF	Double Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete.....	32.58	
03 41 33 00-0061	SF	Double Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete.....	35.34	
03 41 33 00-0062	SF	Double Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete.....	35.23	
03 41 33 00-0063	SF	Single Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete.....	54.15	
03 41 33 00-0064	SF	Single Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete.....	52.96	
03 41 33 00-0065	SF	Single Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete.....	49.58	
03 41 33 00-0066	SF	Single Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete.....	54.15	
03 41 33 00-0067	SF	Single Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete.....	50.79	
03 41 33 00-0068 Double And Single Tees With 24" Roof And Floor Loading (03 41 33 00-0056)				
03 41 33 00-0069	SF	Double Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete.....	36.42	
03 41 33 00-0070	SF	Double Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete.....	35.59	
03 41 33 00-0071	SF	Double Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete.....	34.38	
03 41 33 00-0072	SF	Double Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete.....	36.42	
03 41 33 00-0073	SF	Double Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete.....	35.23	
03 41 33 00-0074	SF	Single Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete.....	55.60	
03 41 33 00-0075	SF	Single Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete.....	54.40	
03 41 33 00-0076	SF	Single Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete.....	52.48	
03 41 33 00-0077	SF	Single Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete.....	55.60	
03 41 33 00-0078	SF	Single Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete.....	54.04	
03 41 33 00-0079 Double And Single Tees With 32" Roof And Floor Loading (03 41 33 00-0056)				
03 41 33 00-0080	SF	Double Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete.....	38.41	
03 41 33 00-0081	SF	Double Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete.....	37.20	
03 41 33 00-0082	SF	Double Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete.....	35.99	
03 41 33 00-0083	SF	Single Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete.....	59.04	
03 41 33 00-0084	SF	Single Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete.....	57.10	

03 Concrete**03 40 Precast Concrete****03 41 Precast Structural Concrete**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 41 33 00-0085 SF Single Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete54.81

03 48 Precast Concrete Specialties (03 40)**03 48 16 Precast Concrete Splash Blocks** (03 48)**03 48 16 00-0001 Precast Concrete Splash Blocks** (03 48 16)

03 48 16 00-0002 EA Precast Concrete Splash Blocks, 20" x 12" x 3"37.38 3.69

03 48 21 Precast Concrete Handrails (03 48)**03 48 21 00-0001 Installation Cost** (03 48 21)

Note: Includes handling, hoisting into place, alignment, and permanent connections. Excludes grouting.

03 48 21 00-0002 EA Install Precast Handrails, 0-2 Ton/Handrail.....156.25 70.33

03 48 21 00-0003 EA Install Precast Handrails, Over 2 Ton/Handrail187.38 84.29

03 48 21 00-0004 Material Cost (03 48 21)

Note: Includes 3000 PSI concrete, imbedded items, formwork and precast operations.

03 48 21 00-0005 CY 4" Thick 3,000 PSI Concrete Precast Concrete Handrail3,176.03

For 3,500 PSI Concrete, Add 207.24

For 4,000 PSI Concrete, Add 389.38

For 4,500 PSI Concrete, Add 572.32

For 5,000 PSI Concrete, Add 778.60

03 48 21 00-0006 CY 5" Thick 3,000 PSI Concrete Precast Concrete Handrail3,296.63

For 3,500 PSI Concrete, Add 215.11

For 4,000 PSI Concrete, Add 404.17

For 4,500 PSI Concrete, Add 594.05

For 5,000 PSI Concrete, Add 808.17

03 48 21 00-0007 CY 6" Thick 3,000 PSI Concrete Precast Concrete Handrail3,417.24

For 3,500 PSI Concrete, Add 222.97

For 4,000 PSI Concrete, Add 418.95

For 4,500 PSI Concrete, Add 615.79

For 5,000 PSI Concrete, Add 837.74

03 48 21 00-0008 CY 8" Thick 3,000 PSI Concrete Precast Concrete Handrail3,578.05

For 3,500 PSI Concrete, Add 233.47

For 4,000 PSI Concrete, Add 438.67

For 4,500 PSI Concrete, Add 644.76

For 5,000 PSI Concrete, Add 877.16

03 48 22 Precast Concrete Sun Screen and Trellis (03 48)**03 48 22 00-0001 Sun Screen Blades** (03 48 22)**03 48 22 00-0002 Installation Cost** (03 48 22 00-0001)

Note: Includes handling, hoisting into place, alignment, bracing, and permanent connections.

03 48 22 00-0003 EA Install Precast Sun Screen Blade, 0-1 Ton/Each78.12 35.17

03 48 22 00-0004 EA Install Precast Sun Screen Blade, 1-2 Ton/Each93.85 42.21

03 48 22 00-0005 EA Install Precast Sun Screen Blade, 2-3 Ton/Each117.27 52.81

03 48 22 00-0006 Material Cost (03 48 22 00-0001)

Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.

03 48 22 00-0007 CY 4" Thick 3,000 PSI Concrete Precast Sun Screen Blades3,377.04

For 3,500 PSI Concrete, Add 220.35

For 4,000 PSI Concrete, Add 414.03

For 4,500 PSI Concrete, Add 608.54

For 5,000 PSI Concrete, Add 827.88

03 48 22 00-0008 CY 5" Thick 3,000 PSI Concrete Precast Sun Screen Blades3,497.65

For 3,500 PSI Concrete, Add 228.22

For 4,000 PSI Concrete, Add 428.81

For 4,500 PSI Concrete, Add 630.28

For 5,000 PSI Concrete, Add 857.45

03 48 22 00-0009 CY 6" Thick 3,000 PSI Concrete Precast Sun Screen Blades3,658.46

For 3,500 PSI Concrete, Add 238.71

For 4,000 PSI Concrete, Add 448.53

For 4,500 PSI Concrete, Add 659.25

For 5,000 PSI Concrete, Add 896.87

03 48 22 00-0010 CY 8" Thick 3,000 PSI Concrete Precast Sun Screen Blades3,819.27

For 3,500 PSI Concrete, Add 249.21

For 4,000 PSI Concrete, Add 468.24

For 4,500 PSI Concrete, Add 688.23

For 5,000 PSI Concrete, Add 936.29

03 48 22 00-0011 Sun Screen/Trellis Units (03 48 22)**03 48 22 00-0012 Installation Cost Using A 50 Ton Hydraulic Crane** (03 48 22 00-0011)

Note: Includes handling, hoisting into place, alignment, bracing and permanent to connections.

03 48 22 00-0013 EA Install Precast Trellis, 0-1 Tons/Unit 100' Maximum Radius With 50 Ton Crane363.90 163.73

03 48 22 00-0014 EA Install Precast Trellis, 1-3 Tons/Unit 65' Maximum Radius With 50 Ton Crane407.04 183.23

03 48 22 00-0015 EA Install Precast Trellis, 3-5 Tons/Unit 50' Maximum Radius With 50 Ton Crane461.79 207.78

03 48 22 00-0016 EA Install Precast Trellis, 5-7 Tons/Unit 40' Maximum Radius With 50 Ton Crane493.54 222.09

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 48 22 00-0017		Material Cost <small>(03 48 22 00-0011)</small>	
<small>Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.</small>			
03 48 22 00-0018	CY 4" Thick 3,000 PSI Concrete Precast Trellises Blades	3,899.68	
	<small>For 3,500 PSI Concrete, Add</small>	<small>254.45</small>	
	<small>For 4,000 PSI Concrete, Add</small>	<small>478.10</small>	
	<small>For 4,500 PSI Concrete, Add</small>	<small>702.72</small>	
	<small>For 5,000 PSI Concrete, Add</small>	<small>956.01</small>	
03 48 22 00-0019	CY 5" Thick 3,000 PSI Concrete Precast Trellises Blades	4,020.28	
	<small>For 3,500 PSI Concrete, Add</small>	<small>262.32</small>	
	<small>For 4,000 PSI Concrete, Add</small>	<small>492.89</small>	
	<small>For 4,500 PSI Concrete, Add</small>	<small>724.45</small>	
	<small>For 5,000 PSI Concrete, Add</small>	<small>985.57</small>	
03 48 22 00-0020	CY 6" Thick 3,000 PSI Concrete Precast Trellises Blades	4,181.10	
	<small>For 3,500 PSI Concrete, Add</small>	<small>272.82</small>	
	<small>For 4,000 PSI Concrete, Add</small>	<small>512.60</small>	
	<small>For 4,500 PSI Concrete, Add</small>	<small>753.43</small>	
	<small>For 5,000 PSI Concrete, Add</small>	<small>1,025.00</small>	
03 48 22 00-0021	CY 8" Thick 3,000 PSI Concrete Precast Trellises Blades	4,382.11	
	<small>For 3,500 PSI Concrete, Add</small>	<small>285.93</small>	
	<small>For 4,000 PSI Concrete, Add</small>	<small>537.25</small>	
	<small>For 4,500 PSI Concrete, Add</small>	<small>789.66</small>	
	<small>For 5,000 PSI Concrete, Add</small>	<small>1,074.27</small>	

03 48 24 Precast Minaret Segments (03 48)

03 48 24 00-0001		Installation Costs Using A 50 Ton Hydraulic Crane <small>(03 48 24)</small>	
<small>Note: Includes handling, hoisting into place, alignment, bracing and permanent connections.</small>			
03 48 24 00-0002		L - Shaped Segments <small>(03 48 24 00-0001)</small>	
03 48 24 00-0003	EA Install Minaret, L-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	354.11	283.29
03 48 24 00-0004	EA Install Minaret, L-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	396.81	317.47
03 48 24 00-0005	EA Install Minaret, L-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	448.67	358.93
03 48 24 00-0006	EA Install Minaret, L-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	478.58	382.86

03 48 24 00-0007		O - Shaped Segments <small>(03 48 24 00-0001)</small>	
03 48 24 00-0008	EA Install Minaret, O-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	374.25	299.45
03 48 24 00-0009	EA Install Minaret, O-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	420.03	335.98
03 48 24 00-0010	EA Install Minaret, O-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	475.70	380.52
03 48 24 00-0011	EA Install Minaret, O-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	509.46	407.54

03 48 24 00-0012		Platform Segment <small>(03 48 24 00-0001)</small>	
03 48 24 00-0013	EA Install Minaret, Platform Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	717.88	574.36
03 48 24 00-0014	EA Install Minaret, Platform Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	867.76	694.16
03 48 24 00-0015	EA Install Minaret, Platform Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	963.00	770.41
03 48 24 00-0016	EA Install Minaret, Platform Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	1,081.72	865.41

03 48 24 00-0017		Cap Segment <small>(03 48 24 00-0001)</small>	
03 48 24 00-0018	EA Install Minaret, Cap Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	392.87	314.26
03 48 24 00-0019	EA Install Minaret, Cap Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	438.70	350.91
03 48 24 00-0020	EA Install Minaret, Cap Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	499.79	399.76
03 48 24 00-0021	EA Install Minaret, Cap Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	533.55	426.78

03 48 24 00-0022		Installation Costs Using A 90 Ton Crawler Crane <small>(03 48 24)</small>	
<small>Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting and caulking of joints.</small>			
03 48 24 00-0023		L - Shaped Segments <small>(03 48 24 00-0022)</small>	
03 48 24 00-0024	EA Install Minaret, L-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	358.07	286.46
03 48 24 00-0025	EA Install Minaret, L-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	401.25	321.02
03 48 24 00-0026	EA Install Minaret, L-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	453.70	362.94
03 48 24 00-0027	EA Install Minaret, L-Shaped Segments, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	483.94	387.15

03 48 24 00-0028		O - Shaped Segment <small>(03 48 24 00-0022)</small>	
03 48 24 00-0029	EA Install Minaret, O-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	378.44	302.80
03 48 24 00-0030	EA Install Minaret, O-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	424.73	339.74
03 48 24 00-0031	EA Install Minaret, O-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	481.03	384.78
03 48 24 00-0032	EA Install Minaret, O-Shaped Segments, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	515.16	412.10

03 48 24 00-0033		Platform Segment <small>(03 48 24 00-0022)</small>	
03 48 24 00-0034	EA Install Minaret, Platform Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	578.62	462.88
03 48 24 00-0035	EA Install Minaret, Platform Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	700.44	560.32
03 48 24 00-0036	EA Install Minaret, Platform Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	775.24	620.21
03 48 24 00-0037	EA Install Minaret, Platform Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	877.47	701.93

03 48 24 00-0038		Cap Segment <small>(03 48 24 00-0022)</small>	
03 48 24 00-0039	EA Install Minaret, Cap Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	397.26	317.77
03 48 24 00-0040	EA Install Minaret, Cap Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	443.61	354.83
03 48 24 00-0041	EA Install Minaret, Cap Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	505.38	404.24

03 Concrete**03 40 Precast Concrete****03 48 Precast Concrete Specialties**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 48 24 00-0042 EA Install Minaret, Cap Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane 539.53 431.56

03 48 24 00-0043**Material Costs** (03 48 24)

Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.

03 48 24 00-0044 CY Precast Concrete Minaret, L-Shaped Segments, 3,000 PSI Concrete 9,648.15

Note: Including Post Tension Cost

03 48 24 00-0045 CY Precast Concrete Minaret, O-Shaped Segments, 3,000 PSI Concrete 9,648.15

Note: Including Post Tension Cost

03 48 24 00-0046 CY Precast Concrete Minaret, Platform Segments, 3,000 PSI Concrete 9,648.15

Note: Including Post Tension Cost

03 48 24 00-0047 CY Precast Concrete Minaret, Cap Segments, 3,000 PSI Concrete 9,648.15

Note: Including Post Tension Cost

03 48 29**Precast Accessories** (03 48)

Note: Includes installation labor, material and equipment.

03 48 29 00-0001**Bearing Pads For Precast Members** (03 48 29)**03 48 29 00-0002****Continuous 2" Wide Strips** (03 48 29 00-0001)

03 48 29 00-0003 LF Bearing Pads, Continuous 2" Wide x 1/8" Thick Strips 1.48

Note: For precast members

03 48 29 00-0004 LF Bearing Pads, Continuous 2" Wide x 1/4" Thick Strips 2.19

Note: For precast members.

03 48 29 00-0005 LF Bearing Pads, Continuous 2" Wide x 1/2" Thick Strips 3.75

Note: For precast members

03 48 29 00-0006 LF Bearing Pads, Continuous 2" Wide x 3/4" Thick Strips 5.32

Note: For precast members

03 48 29 00-0007 LF Bearing Pads, Continuous 2" Wide x 1" Thick Strips 6.95

Note: For precast members

03 48 29 00-0008 LF Bearing Pads, Continuous 2" Wide x 1-1/2" Thick Strips 10.06

Note: For precast members

03 48 29 00-0009**Bearing Pad Pipe Supports** (03 48 29)

03 48 29 00-0010 LF 4" x 4" Precast Pipe Support 10.13

03 48 46**Precast Skylight Shells** (03 48)**03 48 46 00-0001****Installation Cost Using A 90 Ton Crawler Crane** (03 48 46)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections.

03 48 46 00-0002 EA Install Precast Skylight Shell, 0-4 Tons/Each Based On 90 Ton Crawler Crane 515.83 232.16

03 48 46 00-0003 EA Install Precast Skylight Shell, 4-6 Tons/Each Based On 90 Ton Crawler Crane 572.78 257.76

03 48 46 00-0004 EA Install Precast Skylight Shell, 6-8 Tons/Each Based On 90 Ton Crawler Crane 643.86 289.74

03 48 46 00-0005**Material Cost** (03 48 46)

Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.

03 48 46 00-0006 CY 3.5" Thick 3,000 PSI Concrete Precast Skylight With 4.4' Radius 4,036.48

03 48 49**Precast Landings** (03 48)

03 48 49 00-0001 SF 3" Thick Precast Landing 99.54

03 48 49 00-0002 SF 4" Thick Precast Landing 116.14

03 48 49 00-0003 SF 5" Thick Precast Landing 131.85

03 48 49 00-0004 SF 6" Thick Precast Landing 151.99

03 48 54**Precast Concrete Blocks** (03 48)**03 48 54 00-0001****Precast Interlocking Concrete Blocks** (03 48 54)

Note: Includes lifting loop

03 48 54 00-0002 EA 2' x 2' x 2' Precast Interlocking Concrete (Ecology) Block 157.25 41.04

03 48 54 00-0003 EA 2' x 2' x 3' Precast Interlocking Concrete (Ecology) Block 186.52 46.18

03 48 54 00-0004 EA 2' x 2' x 4' Precast Interlocking Concrete (Ecology) Block 215.80 51.31

03 48 54 00-0005 EA 2' x 2' x 6' Precast Interlocking Concrete (Ecology) Block 290.80 56.44

03 48 54 00-0006 EA 2' x 2' x 8' Precast Interlocking Concrete (Ecology) Block 350.40 61.57

03 50 Cast Decks and Underlayment (03)**03 51****Cast Roof Decks** (03 50)**03 51 13****Cementitious Wood Fiber Decks** (03 51)**03 51 13 00-0001****Cement Fiber Tongue And Groove Planks** (03 51 13)

03 51 13 00-0002 SF 1" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System 3.95

03 51 13 00-0003 SF 1-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System 4.11

03 51 13 00-0004 SF 2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System 4.31

03 51 13 00-0005 SF 2-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System 4.90

03 51 13 00-0006 SF 3" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System 5.54

03 51 13 00-0007 SF 3-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System 6.27

03 51 13 00-0008 SF 4" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System 7.17

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 51 16 Gypsum Concrete Roof Decks (03 51)

03 51 16 00-0001 Class A Gypsum Fill Concrete Deck (03 51 16)			
03 51 16 00-0002	SF	2" Thick Precast Gypsum Fill Concrete Deck, Class A.....	11.11 0.54
03 51 16 00-0003	SF	2-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A.....	13.77 0.63
03 51 16 00-0004	SF	3" Thick Precast Gypsum Fill Concrete Deck, Class A.....	16.45 0.72
03 51 16 00-0005	SF	3-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A.....	19.14 0.81
03 51 16 00-0006	SF	4" Thick Precast Gypsum Fill Concrete Deck, Class A.....	21.87 0.90
03 51 16 00-0007 Form Board For Lightweight Deck (03 51 16)			
03 51 16 00-0008	SF	Gypsum Deck Form Board, 1/2" Drywall For Lightweight Deck.....	2.11
03 51 16 00-0009	SF	Gypsum Deck Form Board, 1" Mineral Fiber Board For Lightweight Deck.....	2.76
03 51 16 00-0010	SF	Gypsum Deck Form Board, 1-1/2" Mineral Fiber Board For Lightweight Deck.....	5.53
03 51 16 00-0011	SF	Gypsum Deck Form Board, 1" Cementitious Fiber Board For Lightweight Deck.....	2.32 0.60
03 51 16 00-0012	SF	Gypsum Deck Form Board, 1-1/2" Cementitious Fiber Board For Lightweight Deck.....	2.80 0.60
03 51 16 00-0013	SF	Gypsum Deck Form Board, 1" Glass Fiber Board For Lightweight Deck.....	3.07 0.60
03 51 16 00-0014	SF	Gypsum Deck Form Board, 1-1/2" Glass Fiber Board For Lightweight Deck.....	3.77 0.60
03 51 16 00-0015 Gypsum Plank (03 51 16)			
03 51 16 00-0016	SF	2" Thick, Insulating Concrete Gypsum Plank, Roof Deck.....	4.10
03 51 16 00-0017	SF	3" Thick, Insulating Concrete Gypsum Plank, Roof Deck.....	5.44

03 53 Concrete Topping (03 50)

Note: Installed over new or existing concrete.

03 53 14 Granolithic Concrete Topping (03 53)

03 53 14 00-0001 Granolithic Topping Laid After (03 53 14)			
Note: Using 1:1:1-1/2 mix.			
03 53 14 00-0002	SF	1/2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix.....	4.14
03 53 14 00-0003	SF	1" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix.....	4.52
03 53 14 00-0004	SF	2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix.....	5.74

03 53 19 Concrete Overlayment (03 53)

03 53 19 00-0001 Integral Topping Including Hard Trowel Finish (03 53 19)			
Note: Using 1:1:2 mix.			
03 53 19 00-0002	SF	3/16" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....	2.48
03 53 19 00-0003	SF	1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....	2.79
03 53 19 00-0004	SF	3/4" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....	3.29
03 53 19 00-0005	SF	1" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....	3.90
03 53 19 00-0006	SF	2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....	5.60
03 53 19 00-0007	SF	2-1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....	4.88
03 53 19 00-0008	SF	3" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....	5.48

03 54 Cast Underlayment (03 50)

Note: Includes primer. Excludes sandblasting existing smooth finished concrete surface (where necessary).

03 54 16 Hydraulic Cement Underlayment (03 54)

03 54 16 00-0001 Self Leveling Cementitious Underlayment For Floors (03 54 16)			
Note: Includes primer.			
03 54 16 00-0002	SF	1/8" Thick Self Leveling Cementitious Underlayment For Floors.....	1.77
			Note: Including Surface Preparation
			For Up To 100 SF, Add 0.14
			For >100 To 250 SF, Add 0.07
03 54 16 00-0003	SF	1/4" Thick Self Leveling Cementitious Underlayment For Floors.....	3.06
			Note: Including Surface Preparation
			For Up To 100 SF, Add 0.14
			For >100 To 250 SF, Add 0.07
03 54 16 00-0004	SF	3/8" Thick Self Leveling Cementitious Underlayment For Floors.....	3.92
			Note: Including Surface Preparation
			For Up To 100 SF, Add 0.14
			For >100 To 250 SF, Add 0.07
03 54 16 00-0005	SF	1/2" Thick Self Leveling Cementitious Underlayment For Floors.....	5.64
			Note: Including Surface Preparation
			For Up To 100 SF, Add 0.14
			For >100 To 250 SF, Add 0.07
03 54 16 00-0006	SF	5/8" Thick Self Leveling Cementitious Underlayment For Floors.....	6.67
			Note: Including Surface Preparation
			For Up To 100 SF, Add 0.14
			For >100 To 250 SF, Add 0.07
03 54 16 00-0007	SF	3/4" Thick Self Leveling Cementitious Underlayment For Floors.....	8.26
			Note: Including Surface Preparation
			For Up To 100 SF, Add 0.16
			For >100 To 250 SF, Add 0.08
03 54 16 00-0008	SF	1" Thick Self Leveling Cementitious Underlayment For Floors.....	10.83
			Note: Including Surface Preparation
			For Up To 100 SF, Add 0.16
			For >100 To 250 SF, Add 0.08

03 Concrete**03 50 Cast Decks and Underlayment****03 54 Cast Underlayment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 54 16 00-0009	SF	1-1/4" Thick Self Leveling Cementitious Underlayment For Floors	14.31
		Note: Including Surface Preparation	
		For Up To 100 SF, Add	0.18
		For >100 To 250 SF, Add	0.09
03 54 16 00-0010	SF	1-1/2" Thick Self Leveling Cementitious Underlayment For Floors	16.04
		Note: Including Surface Preparation	
		For Up To 100 SF, Add	0.18
		For >100 To 250 SF, Add	0.09
03 54 16 00-0011	SF	1-3/4" Thick Self Leveling Cementitious Underlayment For Floors	21.28
		Note: Including Surface Preparation	
		For Up To 100 SF, Add	0.22
		For >100 To 250 SF, Add	0.11

03 60 Grouting ⁽⁰³⁾**03 61 Cementitious Grouting** ^(03 60)

Note: 1 part cement to 3 parts sand by volume.

03 61 16 Cementitious Flowable Grout ^(03 61)

03 61 16 00-0001		Cementitious Flowable Grout	(03 61 16)
03 61 16 00-0002	CY	Cementitious Flowable Grout	462.78

03 62 Non-Shrink Grouting ^(03 60)**03 62 13 Non-Metallic Non-Shrink Grouting** ^(03 62)

03 62 13 00-0001		Fluid Type, Non-Metallic Non-Shrink Grouting For Bases	(03 62 13)
03 62 13 00-0002	SF	1" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Bases	26.04
03 62 13 00-0003	SF	2" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Bases	38.99

03 62 13 00-0004		Non-Metallic Non-Shrink Grouting For Bases	(03 62 13)
03 62 13 00-0005	SF	1" Deep, Non-Metallic Non-Shrink Grout For Bases	40.08
03 62 13 00-0006	SF	2" Deep, Non-Metallic Non-Shrink Grout For Bases	64.80

03 62 13 00-0007		Non-Metallic Non-Shrink Grouting For Joints	(03 62 13)
03 62 13 00-0008		1/2" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints	(03 62 13 00-0007)
03 62 13 00-0009	LF	4" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints	2.08
03 62 13 00-0010	LF	6" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints	2.72
03 62 13 00-0011	LF	8" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints	3.61

03 62 13 00-0012		1" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints	(03 62 13 00-0007)
03 62 13 00-0013	LF	4" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints	3.08
03 62 13 00-0014	LF	6" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints	4.13
03 62 13 00-0015	LF	8" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints	5.48

03 62 16 Metallic Non-Shrink Grouting ^(03 62)

03 62 16 00-0001		Metallic Non-Shrink Grouting For Bases	(03 62 16)
03 62 16 00-0002	SF	1" Deep, Metallic Non-Shrink Grout For Bases	33.51
03 62 16 00-0003	SF	2" Deep, Metallic Non-Shrink Grout For Bases	52.08

03 62 16 00-0004		Metallic Non-Shrink Grouting For Joints	(03 62 16)
03 62 16 00-0005		1/2" Joint Thickness, Metallic Non-Shrink Grout For Joints	(03 62 16 00-0004)
03 62 16 00-0006	LF	4" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints	1.66
03 62 16 00-0007	LF	6" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints	2.10
03 62 16 00-0008	LF	8" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints	2.81

03 62 16 00-0009		1" Joint Thickness, Metallic Non-Shrink Grout For Joints	(03 62 16 00-0004)
03 62 16 00-0010	LF	4" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints	2.28
03 62 16 00-0011	LF	6" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints	2.89
03 62 16 00-0012	LF	8" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints	3.85

03 64 Injection Grouting ^(03 60)

Note: By volume of void filled. Includes injection ports.

03 64 23 Epoxy Injection Grouting ^(03 64)

03 64 23 00-0001		Pressure Injected Epoxy Grout	(03 64 23)
03 64 23 00-0002	CF	Pressure Injected Epoxy Grout	1,279.24
		For >4, Deduct	-135.44

03 64 26 Cementitious Injection Grouting ^(03 64)

Concrete	03	03
Grouting	03 60	
Injection Grouting	03 64	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 64 26 00-0001	Pressure Injected Cementitious Grout <small>(03 64 26)</small>	
03 64 26 00-0002	CF Pressure Injected Cementitious Grout.....	223.81
	<i>For >4, Deduct</i>	-58.38

03 80 Concrete Cutting and Boring (03)

03 81 Concrete Cutting (03 80)

- 03 81 13 **Flat Concrete Sawing** (03 81)
See CSI section 02 41 19 13-0001 for saw cutting.
- 03 81 16 **Track Mounted Concrete Wall Sawing** (03 81)
See CSI section 02 41 19 13-0001 for saw cutting.

03 82 Concrete Boring (03 80)

- 03 82 13 **Concrete Core Drilling** (03 82)
See CSI section 02 41 19 13-0024 for core drilling.

END OF SECTION 03

03 Concrete

03 80 Concrete Cutting and Boring

03 82 Concrete Boring

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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04 Masonry

04 01 Maintenance of Masonry ⁽⁰⁴⁾

04 01 20 Maintenance of Unit Masonry ^(04 01)

Note: For use on existing brick. Includes clean-up of debris. Excludes disposal.

04 01 20 41 Unit Masonry Stabilization ^(04 01 20)

04 01 20 41-0001 Unit Masonry Stabilization (Helifix®) ^(04 01 20 41)

04 01 20 41-0002 Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) ^(04 01 20 41-0001)

Note: Austenitic stainless steel. For stabilizing solid masonry. Includes drilling, cementitious grout and patching surface.

04 01 20 41-0003 304 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) ^(04 01 20 41-0002)

04 01 20 41-0004 EA 8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie).....22.00

For Up To 10, Add 10.38

For >10 To 50, Add 5.19

04 01 20 41-0005 EA 8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie).....31.13

For Up To 10, Add 10.38

For >10 To 50, Add 5.19

04 01 20 41-0006 EA 8mm Diameter, 900mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie).....41.04

For Up To 10, Add 10.38

For >10 To 50, Add 5.19

04 01 20 41-0007 316 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) ^(04 01 20 41-0002)

04 01 20 41-0008 EA 8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie).....23.98

For Up To 10, Add 10.38

For >10 To 50, Add 5.19

04 01 20 41-0009 EA 8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie).....34.64

For Up To 10, Add 10.38

For >10 To 50, Add 5.19

04 01 20 41-0010 EA 8mm Diameter, 900mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie).....46.31

For Up To 10, Add 10.38

For >10 To 50, Add 5.19

04 01 20 41-0011 Ties For Stitching Masonry Cracks (Helifix® Helibar) ^(04 01 20 41-0001)

Note: Austenitic stainless steel. For stabilizing cracked masonry. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout. Excludes repairing vertical crack.

04 01 20 41-0012 304 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar) ^(04 01 20 41-0011)

04 01 20 41-0013 EA 4.5mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar).....60.62

For Up To 10, Add 41.54

For >10 To 50, Add 20.77

04 01 20 41-0014 EA 4.5mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar).....65.80

For Up To 10, Add 41.54

For >10 To 50, Add 20.77

04 01 20 41-0015 EA 4.5mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar).....186.11

For Up To 10, Add 41.54

For >10 To 50, Add 20.77

04 01 20 41-0016 EA 6mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar).....60.62

For Up To 10, Add 41.54

For >10 To 50, Add 20.77

04 01 20 41-0017 EA 6mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar).....65.80

For Up To 10, Add 41.54

For >10 To 50, Add 20.77

04 01 20 41-0018 EA 6mm Diameter, 1.5m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar).....71.70

For Up To 10, Add 41.54

For >10 To 50, Add 20.77

04 01 20 41-0019 EA 6mm Diameter, 2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar).....82.79

For Up To 10, Add 41.54

For >10 To 50, Add 20.77

04 01 20 41-0020 EA 6mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar).....186.11

For Up To 10, Add 41.54

For >10 To 50, Add 20.77

04 01 20 41-0021 316 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar) ^(04 01 20 41-0011)

04 01 20 41-0022 EA 4.5mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar).....63.44

For Up To 10, Add 41.54

For >10 To 50, Add 20.77

04 Masonry
04 01 Maintenance of Masonry
04 01 20 Maintenance of Unit Masonry

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

04 01 20 41-0023	EA	4.5mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	69.57
		<i>For Up To 10, Add</i>	41.54
		<i>For >10 To 50, Add</i>	20.77
04 01 20 41-0024	EA	4.5mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	209.64
		<i>For Up To 10, Add</i>	41.54
		<i>For >10 To 50, Add</i>	20.77
04 01 20 41-0025	EA	6mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	63.44
		<i>For Up To 10, Add</i>	41.54
		<i>For >10 To 50, Add</i>	20.77
04 01 20 41-0026	EA	6mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	69.57
		<i>For Up To 10, Add</i>	41.54
		<i>For >10 To 50, Add</i>	20.77
04 01 20 41-0027	EA	6mm Diameter, 1.5m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	76.41
		<i>For Up To 10, Add</i>	41.54
		<i>For >10 To 50, Add</i>	20.77
04 01 20 41-0028	EA	6mm Diameter, 2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	89.38
		<i>For Up To 10, Add</i>	41.54
		<i>For >10 To 50, Add</i>	20.77
04 01 20 41-0029	EA	6mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	209.64
		<i>For Up To 10, Add</i>	41.54
		<i>For >10 To 50, Add</i>	20.77

04 01 20 41-0030 Mechanical Repair Anchors (Helifix® TorkFix) (04 01 20 41-0001)

Note: Austenitic stainless steel. For stabilizing masonry veneer walls to inner wythes of brick, concrete block, wood studs or steel studs. Includes drilling and patching surface.

04 01 20 41-0031 304 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix) (04 01 20 41-0030)

04 01 20 41-0032	EA	4-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.24
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
04 01 20 41-0033	EA	5-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.17
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
04 01 20 41-0034	EA	6-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.10
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
04 01 20 41-0035	EA	7-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.03
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
04 01 20 41-0036	EA	8-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.96
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
04 01 20 41-0037	EA	9-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	15.89
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
04 01 20 41-0038	EA	4-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.24
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
04 01 20 41-0039	EA	5-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.17
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
04 01 20 41-0040	EA	6-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.10
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
04 01 20 41-0041	EA	7-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.03
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
04 01 20 41-0042	EA	8-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.96
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
04 01 20 41-0043	EA	10-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	16.81
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
04 01 20 41-0044	EA	4-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	11.24
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
04 01 20 41-0045	EA	6-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	13.10
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
04 01 20 41-0046	EA	8" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	14.49
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12

04 01 20 41-0047 316 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix) (04 01 20 41-0030)

04 01 20 41-0048	EA	4-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.24
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
04 01 20 41-0049	EA	5-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.17
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0050 EA 6-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	13.10	
For Up To 10, Add	6.23	
For >10 To 50, Add	3.12	
04 01 20 41-0051 EA 7-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	14.03	
For Up To 10, Add	6.23	
For >10 To 50, Add	3.12	
04 01 20 41-0052 EA 8-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	14.96	
For Up To 10, Add	6.23	
For >10 To 50, Add	3.12	
04 01 20 41-0053 EA 9-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	15.89	
For Up To 10, Add	6.23	
For >10 To 50, Add	3.12	
04 01 20 41-0054 EA 4-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	11.24	
For Up To 10, Add	6.23	
For >10 To 50, Add	3.12	
04 01 20 41-0055 EA 5-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	12.17	
For Up To 10, Add	6.23	
For >10 To 50, Add	3.12	
04 01 20 41-0056 EA 6-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	13.10	
For Up To 10, Add	6.23	
For >10 To 50, Add	3.12	
04 01 20 41-0057 EA 7-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	14.03	
For Up To 10, Add	6.23	
For >10 To 50, Add	3.12	
04 01 20 41-0058 EA 8-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	14.96	
For Up To 10, Add	6.23	
For >10 To 50, Add	3.12	
04 01 20 41-0059 EA 10-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	16.81	
For Up To 10, Add	6.23	
For >10 To 50, Add	3.12	
04 01 20 41-0060 EA 4-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix).....	11.24	
For Up To 10, Add	6.23	
For >10 To 50, Add	3.12	
04 01 20 41-0061 EA 6-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix).....	13.10	
For Up To 10, Add	6.23	
For >10 To 50, Add	3.12	
04 01 20 41-0062 EA 8" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix).....	14.49	
For Up To 10, Add	6.23	
For >10 To 50, Add	3.12	
04 01 20 41-0063 Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) (04 01 20 41-0001)		
<i>Note: Austenitic stainless steel. For pinning stucco, terracotta, granite, marble, etc., to concrete block, brick or solid concrete. Includes drilling and patching surface.</i>		
04 01 20 41-0064 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) (04 01 20 41-0063)		
04 01 20 41-0065 EA 8mm Diameter, 115mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.05	
For Up To 10, Add	6.23	
For >10 To 50, Add	3.12	
For Metal Stud Clip, Add	2.48	
04 01 20 41-0066 EA 8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.39	
For Up To 10, Add	6.23	
For >10 To 50, Add	3.12	
For Metal Stud Clip, Add	2.48	
04 01 20 41-0067 EA 8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.45	
For Up To 10, Add	6.23	
For >10 To 50, Add	3.12	
For Metal Stud Clip, Add	2.48	
04 01 20 41-0068 EA 8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.59	
For Up To 10, Add	6.23	
For >10 To 50, Add	3.12	
For Metal Stud Clip, Add	2.48	
04 01 20 41-0069 EA 8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.83	
For Up To 10, Add	6.23	
For >10 To 50, Add	3.12	
For Metal Stud Clip, Add	2.48	
04 01 20 41-0070 EA 8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.04	
For Up To 10, Add	6.23	
For >10 To 50, Add	3.12	
For Metal Stud Clip, Add	2.48	
04 01 20 41-0071 EA 8mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.14	
For Up To 10, Add	6.23	
For >10 To 50, Add	3.12	
For Metal Stud Clip, Add	2.48	

04 Masonry
04 01 Maintenance of Masonry
04 01 20 Maintenance of Unit Masonry

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
04 01 20 41-0072	EA 8mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.27	
	For Up To 10, Add	6.23	
	For >10 To 50, Add	3.12	
	For Metal Stud Clip, Add	2.48	
04 01 20 41-0073	EA 8mm Diameter, 325mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.86	
	For Up To 10, Add	6.23	
	For >10 To 50, Add	3.12	
	For Metal Stud Clip, Add	2.48	
04 01 20 41-0074	EA 8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.95	
	For Up To 10, Add	6.23	
	For >10 To 50, Add	3.12	
	For Metal Stud Clip, Add	2.48	
04 01 20 41-0075	EA 8mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.66	
	For Up To 10, Add	6.23	
	For >10 To 50, Add	3.12	
	For Metal Stud Clip, Add	2.48	
04 01 20 41-0076	EA 8mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	12.27	
	For Up To 10, Add	6.23	
	For >10 To 50, Add	3.12	
	For Metal Stud Clip, Add	2.48	
04 01 20 41-0077	EA 8mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	12.79	
	For Up To 10, Add	6.23	
	For >10 To 50, Add	3.12	
	For Metal Stud Clip, Add	2.48	
04 01 20 41-0078	EA 8mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	14.61	
	For Up To 10, Add	6.23	
	For >10 To 50, Add	3.12	
	For Metal Stud Clip, Add	2.48	
04 01 20 41-0079	EA 8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	16.23	
	For Up To 10, Add	6.23	
	For >10 To 50, Add	3.12	
	For Metal Stud Clip, Add	2.48	
04 01 20 41-0080	EA 8mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	18.39	
	For Up To 10, Add	6.23	
	For >10 To 50, Add	3.12	
	For Metal Stud Clip, Add	2.48	
04 01 20 41-0081	EA 10mm Diameter, 125mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.17	
	For Up To 10, Add	6.23	
	For >10 To 50, Add	3.12	
	For Metal Stud Clip, Add	2.48	
04 01 20 41-0082	EA 10mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.53	
	For Up To 10, Add	6.23	
	For >10 To 50, Add	3.12	
	For Metal Stud Clip, Add	2.48	
04 01 20 41-0083	EA 10mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.85	
	For Up To 10, Add	6.23	
	For >10 To 50, Add	3.12	
	For Metal Stud Clip, Add	2.48	
04 01 20 41-0084	EA 10mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.14	
	For Up To 10, Add	6.23	
	For >10 To 50, Add	3.12	
	For Metal Stud Clip, Add	2.48	
04 01 20 41-0085	EA 10mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.33	
	For Up To 10, Add	6.23	
	For >10 To 50, Add	3.12	
	For Metal Stud Clip, Add	2.48	
04 01 20 41-0086	EA 10mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.46	
	For Up To 10, Add	6.23	
	For >10 To 50, Add	3.12	
	For Metal Stud Clip, Add	2.48	
04 01 20 41-0087	EA 10mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.67	
	For Up To 10, Add	6.23	
	For >10 To 50, Add	3.12	
	For Metal Stud Clip, Add	2.48	
04 01 20 41-0088	EA 10mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.76	
	For Up To 10, Add	6.23	
	For >10 To 50, Add	3.12	
	For Metal Stud Clip, Add	2.48	
04 01 20 41-0089	EA 10mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.18	
	For Up To 10, Add	6.23	
	For >10 To 50, Add	3.12	
	For Metal Stud Clip, Add	2.48	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST
04 01 20 41-0090	EA			10mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.78	
				<i>For Up To 10, Add</i>	6.23	
				<i>For >10 To 50, Add</i>	3.12	
				<i>For Metal Stud Clip, Add</i>	2.48	
04 01 20 41-0091	EA			10mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	12.28	
				<i>For Up To 10, Add</i>	6.23	
				<i>For >10 To 50, Add</i>	3.12	
				<i>For Metal Stud Clip, Add</i>	2.48	
04 01 20 41-0092	EA			10mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	12.92	
				<i>For Up To 10, Add</i>	6.23	
				<i>For >10 To 50, Add</i>	3.12	
				<i>For Metal Stud Clip, Add</i>	2.48	
04 01 20 41-0093	EA			10mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	16.34	
				<i>For Up To 10, Add</i>	6.23	
				<i>For >10 To 50, Add</i>	3.12	
				<i>For Metal Stud Clip, Add</i>	2.48	
04 01 20 41-0094	EA			10mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	18.25	
				<i>For Up To 10, Add</i>	6.23	
				<i>For >10 To 50, Add</i>	3.12	
				<i>For Metal Stud Clip, Add</i>	2.48	
04 01 20 41-0095	EA			10mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	21.23	
				<i>For Up To 10, Add</i>	6.23	
				<i>For >10 To 50, Add</i>	3.12	
				<i>For Metal Stud Clip, Add</i>	2.48	
04 01 20 41-0096	EA			8mm Tapered To 6.5mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	9.95	
				<i>For Up To 10, Add</i>	6.23	
				<i>For >10 To 50, Add</i>	3.12	
				<i>For Metal Stud Clip, Add</i>	2.48	
04 01 20 41-0097	EA			8mm Tapered To 6.5mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	10.16	
				<i>For Up To 10, Add</i>	6.23	
				<i>For >10 To 50, Add</i>	3.12	
				<i>For Metal Stud Clip, Add</i>	2.48	
04 01 20 41-0098	EA			8mm Tapered To 6.5mm Diameter, 185mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	10.30	
				<i>For Up To 10, Add</i>	6.23	
				<i>For >10 To 50, Add</i>	3.12	
				<i>For Metal Stud Clip, Add</i>	2.48	
04 01 20 41-0099	EA			8mm Tapered To 6.5mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	10.40	
				<i>For Up To 10, Add</i>	6.23	
				<i>For >10 To 50, Add</i>	3.12	
				<i>For Metal Stud Clip, Add</i>	2.48	
04 01 20 41-0100	EA			8mm Tapered To 6.5mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	10.70	
				<i>For Up To 10, Add</i>	6.23	
				<i>For >10 To 50, Add</i>	3.12	
				<i>For Metal Stud Clip, Add</i>	2.48	
04 01 20 41-0101	EA			8mm Tapered To 6.5mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	11.17	
				<i>For Up To 10, Add</i>	6.23	
				<i>For >10 To 50, Add</i>	3.12	
				<i>For Metal Stud Clip, Add</i>	2.48	
04 01 20 41-0102	EA			8mm Tapered To 6.5mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	11.35	
				<i>For Up To 10, Add</i>	6.23	
				<i>For >10 To 50, Add</i>	3.12	
				<i>For Metal Stud Clip, Add</i>	2.48	
04 01 20 41-0103	EA			8mm Tapered To 6.5mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	11.82	
				<i>For Up To 10, Add</i>	6.23	
				<i>For >10 To 50, Add</i>	3.12	
				<i>For Metal Stud Clip, Add</i>	2.48	
04 01 20 41-0104	EA			10mm Tapered To 8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	10.50	
				<i>For Up To 10, Add</i>	6.23	
				<i>For >10 To 50, Add</i>	3.12	
				<i>For Metal Stud Clip, Add</i>	2.48	
04 01 20 41-0105	EA			10mm Tapered To 8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	10.91	
				<i>For Up To 10, Add</i>	6.23	
				<i>For >10 To 50, Add</i>	3.12	
				<i>For Metal Stud Clip, Add</i>	2.48	
04 01 20 41-0106	EA			10mm Tapered To 8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	11.20	
				<i>For Up To 10, Add</i>	6.23	
				<i>For >10 To 50, Add</i>	3.12	
				<i>For Metal Stud Clip, Add</i>	2.48	
04 01 20 41-0107	EA			10mm Tapered To 8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	11.38	
				<i>For Up To 10, Add</i>	6.23	
				<i>For >10 To 50, Add</i>	3.12	
				<i>For Metal Stud Clip, Add</i>	2.48	

04 Masonry**04 01 Maintenance of Masonry****04 01 20 Maintenance of Unit Masonry**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 01 20 41-0108	EA	10mm Tapered To 8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.51
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
		<i>For Metal Stud Clip, Add</i>	2.48
04 01 20 41-0109	EA	10mm Tapered To 8mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.82
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
		<i>For Metal Stud Clip, Add</i>	2.48
04 01 20 41-0110	EA	304 Stainless Steel, Seismic Connector (Helifix® DryFix®)	4.80
		Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire.	
		<i>For Up To 10, Add</i>	3.12
		<i>For >10 To 50, Add</i>	1.56

04 01 20 41-0111 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) (04 01 20 41-0063)

04 01 20 41-0112	EA	8mm Diameter, 115mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.58
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
		<i>For Metal Stud Clip, Add</i>	2.48
04 01 20 41-0113	EA	8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.00
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
		<i>For Metal Stud Clip, Add</i>	2.48
04 01 20 41-0114	EA	8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.08
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
		<i>For Metal Stud Clip, Add</i>	2.48
04 01 20 41-0115	EA	8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.25
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
		<i>For Metal Stud Clip, Add</i>	2.48
04 01 20 41-0116	EA	8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.56
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
		<i>For Metal Stud Clip, Add</i>	2.48
04 01 20 41-0117	EA	8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.81
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
		<i>For Metal Stud Clip, Add</i>	2.48
04 01 20 41-0118	EA	8mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.94
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
		<i>For Metal Stud Clip, Add</i>	2.48
04 01 20 41-0119	EA	8mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.11
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
		<i>For Metal Stud Clip, Add</i>	2.48
04 01 20 41-0120	EA	8mm Diameter, 325mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.72
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
		<i>For Metal Stud Clip, Add</i>	2.48
04 01 20 41-0121	EA	8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.83
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
		<i>For Metal Stud Clip, Add</i>	2.48
04 01 20 41-0122	EA	8mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.72
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
		<i>For Metal Stud Clip, Add</i>	2.48
04 01 20 41-0123	EA	8mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.48
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
		<i>For Metal Stud Clip, Add</i>	2.48
04 01 20 41-0124	EA	8mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	14.13
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
		<i>For Metal Stud Clip, Add</i>	2.48
04 01 20 41-0125	EA	8mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	16.40
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
		<i>For Metal Stud Clip, Add</i>	2.48

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
04 01 20 41-0126	EA	8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	18.25	
		<i>For Up To 10, Add</i>	6.23	
		<i>For >10 To 50, Add</i>	3.12	
		<i>For Metal Stud Clip, Add</i>	2.48	
04 01 20 41-0127	EA	8mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	20.94	
		<i>For Up To 10, Add</i>	6.23	
		<i>For >10 To 50, Add</i>	3.12	
		<i>For Metal Stud Clip, Add</i>	2.48	
04 01 20 41-0128	EA	10mm Diameter, 125mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.80	
		<i>For Up To 10, Add</i>	6.23	
		<i>For >10 To 50, Add</i>	3.12	
		<i>For Metal Stud Clip, Add</i>	2.48	
04 01 20 41-0129	EA	10mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.21	
		<i>For Up To 10, Add</i>	6.23	
		<i>For >10 To 50, Add</i>	3.12	
		<i>For Metal Stud Clip, Add</i>	2.48	
04 01 20 41-0130	EA	10mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.61	
		<i>For Up To 10, Add</i>	6.23	
		<i>For >10 To 50, Add</i>	3.12	
		<i>For Metal Stud Clip, Add</i>	2.48	
04 01 20 41-0131	EA	10mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.98	
		<i>For Up To 10, Add</i>	6.23	
		<i>For >10 To 50, Add</i>	3.12	
		<i>For Metal Stud Clip, Add</i>	2.48	
04 01 20 41-0132	EA	10mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.21	
		<i>For Up To 10, Add</i>	6.23	
		<i>For >10 To 50, Add</i>	3.12	
		<i>For Metal Stud Clip, Add</i>	2.48	
04 01 20 41-0133	EA	10mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.37	
		<i>For Up To 10, Add</i>	6.23	
		<i>For >10 To 50, Add</i>	3.12	
		<i>For Metal Stud Clip, Add</i>	2.48	
04 01 20 41-0134	EA	10mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.64	
		<i>For Up To 10, Add</i>	6.23	
		<i>For >10 To 50, Add</i>	3.12	
		<i>For Metal Stud Clip, Add</i>	2.48	
04 01 20 41-0135	EA	10mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.75	
		<i>For Up To 10, Add</i>	6.23	
		<i>For >10 To 50, Add</i>	3.12	
		<i>For Metal Stud Clip, Add</i>	2.48	
04 01 20 41-0136	EA	10mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	12.24	
		<i>For Up To 10, Add</i>	6.23	
		<i>For >10 To 50, Add</i>	3.12	
		<i>For Metal Stud Clip, Add</i>	2.48	
04 01 20 41-0137	EA	10mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	12.92	
		<i>For Up To 10, Add</i>	6.23	
		<i>For >10 To 50, Add</i>	3.12	
		<i>For Metal Stud Clip, Add</i>	2.48	
04 01 20 41-0138	EA	10mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	13.54	
		<i>For Up To 10, Add</i>	6.23	
		<i>For >10 To 50, Add</i>	3.12	
		<i>For Metal Stud Clip, Add</i>	2.48	
04 01 20 41-0139	EA	10mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	14.33	
		<i>For Up To 10, Add</i>	6.23	
		<i>For >10 To 50, Add</i>	3.12	
		<i>For Metal Stud Clip, Add</i>	2.48	
04 01 20 41-0140	EA	10mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	18.60	
		<i>For Up To 10, Add</i>	6.23	
		<i>For >10 To 50, Add</i>	3.12	
		<i>For Metal Stud Clip, Add</i>	2.48	
04 01 20 41-0141	EA	10mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	20.65	
		<i>For Up To 10, Add</i>	6.23	
		<i>For >10 To 50, Add</i>	3.12	
		<i>For Metal Stud Clip, Add</i>	2.48	
04 01 20 41-0142	EA	10mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	24.37	
		<i>For Up To 10, Add</i>	6.23	
		<i>For >10 To 50, Add</i>	3.12	
		<i>For Metal Stud Clip, Add</i>	2.48	
04 01 20 41-0143	EA	8mm Tapered To 6.5mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	10.79	
		<i>For Up To 10, Add</i>	6.23	
		<i>For >10 To 50, Add</i>	3.12	
		<i>For Metal Stud Clip, Add</i>	2.48	

04 Masonry
04 01 Maintenance of Masonry
04 01 20 Maintenance of Unit Masonry

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

04 01 20 41-0144	EA	8mm Tapered To 6.5mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.03
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
		<i>For Metal Stud Clip, Add</i>	2.48
04 01 20 41-0145	EA	8mm Tapered To 6.5mm Diameter, 185mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.19
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
		<i>For Metal Stud Clip, Add</i>	2.48
04 01 20 41-0146	EA	8mm Tapered To 6.5mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.32
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
		<i>For Metal Stud Clip, Add</i>	2.48
04 01 20 41-0147	EA	8mm Tapered To 6.5mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.70
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
		<i>For Metal Stud Clip, Add</i>	2.48
04 01 20 41-0148	EA	8mm Tapered To 6.5mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.29
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
		<i>For Metal Stud Clip, Add</i>	2.48
04 01 20 41-0149	EA	8mm Tapered To 6.5mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.48
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
		<i>For Metal Stud Clip, Add</i>	2.48
04 01 20 41-0150	EA	8mm Tapered To 6.5mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	13.07
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
		<i>For Metal Stud Clip, Add</i>	2.48
04 01 20 41-0151	EA	10mm Tapered To 8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.39
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
		<i>For Metal Stud Clip, Add</i>	2.48
04 01 20 41-0152	EA	10mm Tapered To 8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.91
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
		<i>For Metal Stud Clip, Add</i>	2.48
04 01 20 41-0153	EA	10mm Tapered To 8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.27
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
		<i>For Metal Stud Clip, Add</i>	2.48
04 01 20 41-0154	EA	10mm Tapered To 8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.50
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
		<i>For Metal Stud Clip, Add</i>	2.48
04 01 20 41-0155	EA	10mm Tapered To 8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.66
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
		<i>For Metal Stud Clip, Add</i>	2.48
04 01 20 41-0156	EA	10mm Tapered To 8mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	13.04
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
		<i>For Metal Stud Clip, Add</i>	2.48
04 01 20 41-0157	EA	316 Stainless Steel, Seismic Connector (Helifix® DryFix®)	5.21
		Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire.	
		<i>For Up To 10, Add</i>	3.12
		<i>For >10 To 50, Add</i>	1.56
04 01 20 41-0158		Concrete Patching Pins (Helifix® PatchPin) (04 01 20 41-0001)	
		Note: Austenitic stainless steel. For patching reinforced concrete. Includes drilling. Excludes patching mortar.	
04 01 20 41-0159		304 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin)	
		(04 01 20 41-0158)	
04 01 20 41-0160	EA	8mm Diameter, 70mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	7.76
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
04 01 20 41-0161	EA	8mm Diameter, 102mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	7.80
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12
04 01 20 41-0162		316 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin)	
		(04 01 20 41-0158)	
04 01 20 41-0163	EA	8mm Diameter, 70mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	8.04
		<i>For Up To 10, Add</i>	6.23
		<i>For >10 To 50, Add</i>	3.12

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST

04 01 20 41-0164	EA	8mm Diameter, 102mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)		8.11	
		<i>For Up To 10, Add</i>		6.23	
		<i>For >10 To 50, Add</i>		3.12	
04 01 20 41-0165		Movement Joint Ties (Helifix® Movement Joint Tie <small>(04 01 20 41-0001)</small>			
		<small>Note: Austenitic stainless steel. For creating movement joints in existing walls. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout.</small>			
04 01 20 41-0166		304 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie) <small>(04 01 20 41-0165)</small>			
04 01 20 41-0167	EA	6mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie)		50.26	
		<i>For Up To 10, Add</i>		41.54	
		<i>For >10 To 50, Add</i>		20.77	
04 01 20 41-0168		316 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie) <small>(04 01 20 41-0165)</small>			
04 01 20 41-0169	EA	6mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie)		51.56	
		<i>For Up To 10, Add</i>		41.54	
		<i>For >10 To 50, Add</i>		20.77	
04 01 20 41-0170		Unit Masonry Stabilization <small>(04 01 20 41)</small>			
04 01 20 41-0171		Repair Bulging Or Loose Masonry <small>(04 01 20 41-0170)</small>			
04 01 20 41-0172	SF	Repair Bulging Or Loose Masonry Using Existing Masonry		80.78	
		<small>Note: Includes saw cutting, toothing, removing loose masonry, installing anchor and reinstalling brick and mortar.</small>			
04 01 20 41-0173	SF	Repair Bulging Or Loose Masonry Using New Masonry		85.68	
		<small>Note: Includes saw cutting, toothing, removing loose masonry, installing anchor and installing new brick and mortar.</small>			
04 01 20 51		Unit Masonry Maintenance <small>(04 01 20)</small>			
04 01 20 51-0001		Grind Unit Masonry <small>(04 01 20 51)</small>			
04 01 20 51-0002	SF	Grind Smooth Masonry Wall		3.82	
04 01 20 91		Unit Masonry Restoration <small>(04 01 20)</small>			
04 01 20 91-0001		Cut And Repoint Masonry <small>(04 01 20 91)</small>			
		<small>Note: Remove existing mortar to 3/4" depth. Repoint with pointing mortar. Includes pointing mortar, cutting, rinsing and cleaning joint.</small>			
04 01 20 91-0002	SF	Cut And Repoint, Hard Mortar, Running Bond, Brick		10.47	
		<i>For Common Bond, Add</i>		0.39	
		<i>For Flemish Bond, Add</i>		1.36	
		<i>For English Bond, Add</i>		2.24	
		<i>For Oversized Or Larger Than Standard, Deduct</i>		-1.57	
		<i>For >250 To 1,000, Deduct</i>		-0.49	
		<i>For >1,000, Deduct</i>		-1.01	
04 01 20 91-0003	SF	Cut And Repoint, Soft, Loose Or Crumbling Mortar, Running Bond, Brick		7.34	
		<i>For Common Bond, Add</i>		0.26	
		<i>For Flemish Bond, Add</i>		0.92	
		<i>For English Bond, Add</i>		1.52	
		<i>For Oversized Or Larger Than Standard, Deduct</i>		-1.10	
		<i>For >250 To 1,000, Deduct</i>		-0.33	
		<i>For >1,000, Deduct</i>		-0.70	
04 01 20 91-0004	SF	Cut And Repoint, Hard Mortar, Running Bond, Concrete Block		5.42	
		<i>For Common Bond, Add</i>		0.19	
		<i>For Oversized Or Larger Than Standard, Deduct</i>		-0.81	
		<i>For >250 To 1,000, Deduct</i>		-0.23	
		<i>For >1,000, Deduct</i>		-0.51	
04 01 20 91-0005	SF	Cut And Repoint, Soft, Loose Or Crumbling Mortar, Running Bond, Concrete Block		3.93	
		<i>For Common Bond, Add</i>		0.13	
		<i>For Oversized Or Larger Than Standard, Deduct</i>		-0.59	
		<i>For >250 To 1,000, Deduct</i>		-0.16	
		<i>For >1,000, Deduct</i>		-0.36	
04 01 20 91-0006	LF	Cut And Repoint Brick/Block, Irregular Shapes And Other Than Complete SF Area		3.41	
04 01 20 91-0007		Repair Masonry <small>(04 01 20 91)</small>			
		<small>Note: Includes mortar for repair.</small>			
04 01 20 91-0008	SF	Patch And Repair Terra Cotta Walls Or Coping		19.59	
		<small>Note: Including Replacement Of Damaged Material</small>			
04 01 20 91-0009	SF	Patch And Repair Terra Cotta Floors		18.26	
		<small>Note: Including Replacement Of Damaged Material</small>			
04 01 20 91-0010	LF	Chip And Repair With Masonry Patch, Cracks Up To 1/4"		4.80	
04 01 20 91-0011	SF	Patching Over Masonry Surface With Elastomeric Paint Using A Trowel 6" Blade		8.28	
04 01 20 91-0012	LF	Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (SealBoss 1570)		32.84	
		<i>For Cracks Accessible From Both Sides, Add</i>		6.68	
04 01 20 91-0013	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (Sikadur® 52)		28.83	
		<i>For Cracks Accessible From Both Sides, Add</i>		6.68	

04 Masonry
04 01 Maintenance of Masonry
04 01 20 Maintenance of Unit Masonry

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

04 01 20 91-0014	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied Trowel (Sikadur® 52).....	7.64
		<i>For V-Grooving Crack With Grinder, Add</i>	5.41
04 01 20 91-0015	LF	>1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied With Trowel (Sikadur® 52).....	10.36
		<i>For V-Grooving Crack With Grinder, Add</i>	5.14

04 01 50 Maintenance of Refractory Masonry (04 01)

04 01 50 52 Refractory Masonry Cleaning (04 01 50)

04 01 50 52-0001		Chimney Cleaning (04 01 50 52)	
04 01 50 52-0002	LF	Up To 2 SF Cross Section Chimney Cleaning.....	6.58
04 01 50 52-0003	LF	>2 To 4 SF Cross Section Chimney Cleaning.....	13.15
04 01 50 52-0004	LF	>4 SF Cross Section Chimney Cleaning.....	19.73

04 05 Common Work Results for Masonry (04)

04 05 13 Masonry Mortaring (04 05)

04 05 13 26 Engineered Masonry Mortaring (04 05 13)

Note: Mortar, sand and standard supplements are included in the cost of brick, block, stone, simulated or synthetic masonry units.

04 05 13 26-0001		Masonry Cement Mortar (04 05 13 26)	
		Note: Ratio is bag material to sand.	
04 05 13 26-0002	CF	Type M Masonry Cement 1:1:6 Mix.....	8.85
04 05 13 26-0003	CF	Type N Masonry Cement 1:3 Mix.....	8.17
04 05 13 26-0004	CF	Type O Masonry Cement 1:3 Mix.....	8.38
04 05 13 26-0005	CF	Type PM Masonry Cement 1:1:6 Mix, 2,500 PSI.....	9.18
04 05 13 26-0006	CF	Type S Masonry Cement 1/2:1:4 Mix.....	9.68

04 05 13 26-0007 Mortar Admixture (04 05 13 26)

04 05 13 26-0008	CF	Water - Repellent Stearate - Cost Based On CF Of Mortar.....	0.45
04 05 13 26-0009	CF	Pozzolanic Plasticizers - Cost Based On CF Of Mortar.....	0.08

04 05 13 26-0010 Color Admixtures For Mortar (04 05 13 26)

Note: Costs are based on CF of mortar.

04 05 13 26-0011	CF	Buff Colored Admixture.....	2.84
04 05 13 26-0012	CF	Brown Colored Admixture.....	3.22
04 05 13 26-0013	CF	Black Colored Admixture.....	3.98
04 05 13 26-0014	CF	Red Colored Admixture.....	8.71

04 05 13 26-0015 Portland Cement (04 05 13 26)

04 05 13 26-0016	CF	Normal Portland Cement (Type I).....	15.10
04 05 13 26-0017	CF	Modified Portland Cement (Type II).....	7.53
04 05 13 26-0018	CF	High Early Strength Portland Cement (Type III).....	7.99
04 05 13 26-0019	CF	White Non Staining Portland Cement (Type I).....	16.73

04 05 16 Masonry Grouting (04 05)

04 05 16 26 Engineered Masonry Grouting (04 05 16)

Note: Excludes reinforcement.

04 05 16 26-0001 Grout Bond Beams And Lintels, Grout Fill (04 05 16 26)

Note: Excludes block.

04 05 16 26-0002	LF	Grout Bond Beams And Lintels - 6" Block, Grout Fill Only, 0.1125 CF/LF, 8" Deep.....	4.53
04 05 16 26-0003	LF	Grout Bond Beams And Lintels - 8" Block, Grout Fill Only, 0.20 CF/LF, 8" Deep.....	4.94
04 05 16 26-0004	LF	Grout Bond Beams And Lintels - 10" Block, Grout Fill Only, 0.25 CF/LF, 8" Deep.....	5.54
04 05 16 26-0005	LF	Grout Bond Beams And Lintels, 12" Block, Grout Fill Only, 0.30 CF/LF, 8" Deep.....	6.20

04 05 16 26-0006 Grout Concrete Block Cores, Grout Fill (04 05 16 26)

Note: Per SF of face area filled.

04 05 16 26-0007	SF	Grout Concrete Block Cores- 4" Block, Grout Fill Block Solid (0.067 CF/SF).....	3.49
04 05 16 26-0008	SF	Grout Concrete Block Cores- 6" Block, Grout Fill Block Solid (0.175 CF/SF).....	5.12
04 05 16 26-0009	SF	Grout Concrete Block Cores- 8" Block, Grout Fill Block Solid (0.258 CF/SF).....	7.32
04 05 16 26-0010	SF	Grout Concrete Block Cores- 10" Block, Grout Fill Block Solid (0.34 CF/SF).....	9.00
04 05 16 26-0011	SF	Grout Concrete Block Cores- 12" Block, Grout Fill Block Solid (0.422 CF/SF).....	10.64

04 05 16 26-0012 Grout Cavity Walls, Grout Fill (04 05 16 26)

Note: Per SF of face area filled.

04 05 16 26-0013	SF	Grout Cavity Walls - 2" Space, Grout Fill (0.167 CF/SF).....	4.16
04 05 16 26-0014	SF	Grout Cavity Walls - 3" Space, Grout Fill (0.250 CF/SF).....	5.88
04 05 16 26-0015	SF	Grout Cavity Walls - 4" Space, Grout Fill (0.333 CF/SF).....	7.38
04 05 16 26-0016	SF	Grout Cavity Walls - 6" Space, Grout Fill (0.500 CF/SF).....	10.05

04 05 16 26-0017 Grout Frames, Grout Fill (04 05 16 26)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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04 05 16 26-0018	LF	Grout Door Frames - Grout Fill		6.65	
04 05 16 26-0019	LF	Grout Window Frames - Grout Fill		5.71	

04 05 16 26-0020 Sand Filled Walls (04 05 16 26)
04 05 16 26-0021 Sand Fill Cavity Walls, Sand Fill (04 05 16 26-0020)

Note: Per SF of face area filled.

04 05 16 26-0022	SF	Sand Fill Cavity Walls - 2" Space, Sand Fill (0.167 CF/SF)		3.33	
04 05 16 26-0023	SF	Sand Fill Cavity Walls - 3" Space, Sand Fill (0.250 CF/SF)		4.59	
04 05 16 26-0024	SF	Sand Fill Cavity Walls - 4" Space, Sand Fill (0.333 CF/SF)		5.64	
04 05 16 26-0025	SF	Sand Fill Cavity Walls - 6" Space, Sand Fill (0.500 CF/SF)		7.51	

04 05 19 Masonry Anchorage and Reinforcing (04 05)
04 05 19 13 Continuous Joint Reinforcing (04 05 19)

Note: Includes cutting and bending.

04 05 19 13-0001 Continuous Joint Reinforcing (04 05 19 13)
04 05 19 13-0002 Ladder-Type, Masonry Wall Reinforcement (04 05 19 13-0001)
04 05 19 13-0003 Ladder-Type, Masonry Wall Reinforcement (04 05 19 13-0002)
04 05 19 13-0004 Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement (04 05 19 13-0003)

04 05 19 13-0005	CLF	#4 (For 4" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		60.91	
		<i>For Hot-Dipped Galvanized, Add</i>		10.12	
		<i>For Stainless Steel, Add</i>		40.46	
04 05 19 13-0006	CLF	#6 (For 6" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		64.71	
		<i>For Hot-Dipped Galvanized, Add</i>		10.63	
		<i>For Stainless Steel, Add</i>		42.50	
04 05 19 13-0007	CLF	#8 (For 8" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		69.81	
		<i>For Hot-Dipped Galvanized, Add</i>		11.20	
		<i>For Stainless Steel, Add</i>		44.80	
04 05 19 13-0008	CLF	#10 (For 10" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		75.85	
		<i>For Hot-Dipped Galvanized, Add</i>		11.85	
		<i>For Stainless Steel, Add</i>		47.40	
04 05 19 13-0009	CLF	#12 (For 12" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		82.92	
		<i>For Hot-Dipped Galvanized, Add</i>		12.49	
		<i>For Stainless Steel, Add</i>		49.94	
04 05 19 13-0010	CLF	#13 (For 13" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		88.17	
		<i>For Hot-Dipped Galvanized, Add</i>		12.80	
		<i>For Stainless Steel, Add</i>		51.18	
04 05 19 13-0011	CLF	#14 (For 14" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		92.01	
		<i>For Hot-Dipped Galvanized, Add</i>		13.15	
		<i>For Stainless Steel, Add</i>		52.60	
04 05 19 13-0012	CLF	#16 (For 16" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		106.03	
		<i>For Hot-Dipped Galvanized, Add</i>		18.08	
		<i>For Stainless Steel, Add</i>		72.30	
04 05 19 13-0013	CLF	#18 (For 18" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		129.93	
		<i>For Hot-Dipped Galvanized, Add</i>		27.94	
		<i>For Stainless Steel, Add</i>		111.76	

04 05 19 13-0014 Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement (04 05 19 13-0003)

04 05 19 13-0015	CLF	#4 (For 4" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		72.12	
		<i>For Hot-Dipped Galvanized, Add</i>		15.72	
		<i>For Stainless Steel, Add</i>		62.88	
04 05 19 13-0016	CLF	#6 (For 6" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		76.05	
		<i>For Hot-Dipped Galvanized, Add</i>		16.30	
		<i>For Stainless Steel, Add</i>		65.18	
04 05 19 13-0017	CLF	#8 (For 8" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		81.27	
		<i>For Hot-Dipped Galvanized, Add</i>		16.93	
		<i>For Stainless Steel, Add</i>		67.72	
04 05 19 13-0018	CLF	#10 (For 10" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		87.19	
		<i>For Hot-Dipped Galvanized, Add</i>		17.52	
		<i>For Stainless Steel, Add</i>		70.08	
04 05 19 13-0019	CLF	#12 (For 12" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		94.23	
		<i>For Hot-Dipped Galvanized, Add</i>		18.14	
		<i>For Stainless Steel, Add</i>		72.56	

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

04 05 19 13-0020	CLF #13 (For 13" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	99.53
	<i>For Hot-Dipped Galvanized, Add</i>	18.48
	<i>For Stainless Steel, Add</i>	73.92
04 05 19 13-0021	CLF #14 (For 14" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	103.30
	<i>For Hot-Dipped Galvanized, Add</i>	18.79
	<i>For Stainless Steel, Add</i>	75.16
04 05 19 13-0022	CLF #16 (For 16" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	120.93
	<i>For Hot-Dipped Galvanized, Add</i>	25.53
	<i>For Stainless Steel, Add</i>	102.12
04 05 19 13-0023	CLF #18 (For 18" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	155.51
	<i>For Hot-Dipped Galvanized, Add</i>	40.74
	<i>For Stainless Steel, Add</i>	162.94
04 05 19 13-0024	Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0003)</small>	
04 05 19 13-0025	CLF #4 (For 4" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	83.00
	<i>For Hot-Dipped Galvanized, Add</i>	21.16
	<i>For Stainless Steel, Add</i>	84.64
04 05 19 13-0026	CLF #6 (For 6" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	88.45
	<i>For Hot-Dipped Galvanized, Add</i>	22.32
	<i>For Stainless Steel, Add</i>	89.28
04 05 19 13-0027	CLF #8 (For 8" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	93.90
	<i>For Hot-Dipped Galvanized, Add</i>	23.48
	<i>For Stainless Steel, Add</i>	93.92
04 05 19 13-0028	CLF #10 (For 10" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	101.90
	<i>For Hot-Dipped Galvanized, Add</i>	24.88
	<i>For Stainless Steel, Add</i>	99.50
04 05 19 13-0029	CLF #12 (For 12" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	109.88
	<i>For Hot-Dipped Galvanized, Add</i>	26.26
	<i>For Stainless Steel, Add</i>	105.02
04 05 19 13-0030	CLF #13 (For 13" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	116.58
	<i>For Hot-Dipped Galvanized, Add</i>	27.00
	<i>For Stainless Steel, Add</i>	107.98
04 05 19 13-0031	CLF #14 (For 14" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	120.45
	<i>For Hot-Dipped Galvanized, Add</i>	27.63
	<i>For Stainless Steel, Add</i>	110.52
04 05 19 13-0032	CLF #16 (For 16" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	127.70
	<i>For Hot-Dipped Galvanized, Add</i>	28.91
	<i>For Stainless Steel, Add</i>	115.62
04 05 19 13-0033	CLF #18 (For 18" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	170.09
	<i>For Hot-Dipped Galvanized, Add</i>	48.02
	<i>For Stainless Steel, Add</i>	192.06
04 05 19 13-0034	Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0003)</small>	
04 05 19 13-0035	CLF #4 (For 4" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	86.73
	<i>For Hot-Dipped Galvanized, Add</i>	23.03
	<i>For Stainless Steel, Add</i>	92.10
04 05 19 13-0036	CLF #6 (For 6" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	90.52
	<i>For Hot-Dipped Galvanized, Add</i>	23.53
	<i>For Stainless Steel, Add</i>	94.12
04 05 19 13-0037	CLF #8 (For 8" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	95.62
	<i>For Hot-Dipped Galvanized, Add</i>	24.11
	<i>For Stainless Steel, Add</i>	96.42
04 05 19 13-0038	CLF #10 (For 10" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	101.66
	<i>For Hot-Dipped Galvanized, Add</i>	24.76
	<i>For Stainless Steel, Add</i>	99.02
04 05 19 13-0039	CLF #12 (For 12" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	108.73
	<i>For Hot-Dipped Galvanized, Add</i>	25.39
	<i>For Stainless Steel, Add</i>	101.54
04 05 19 13-0040	CLF #13 (For 13" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	113.98
	<i>For Hot-Dipped Galvanized, Add</i>	25.70
	<i>For Stainless Steel, Add</i>	102.78
04 05 19 13-0041	CLF #14 (For 14" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	117.80
	<i>For Hot-Dipped Galvanized, Add</i>	26.05
	<i>For Stainless Steel, Add</i>	104.20

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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04 05 19 13-0042	CLF	#16		(For 16" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	131.85	
				<i>For Hot-Dipped Galvanized, Add</i>	30.98	
				<i>For Stainless Steel, Add</i>	123.92	
04 05 19 13-0043 Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0003)</small>						
04 05 19 13-0044	CLF	#4		(For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	97.95	
				<i>For Hot-Dipped Galvanized, Add</i>	28.64	
				<i>For Stainless Steel, Add</i>	114.54	
04 05 19 13-0045	CLF	#6		(For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	101.88	
				<i>For Hot-Dipped Galvanized, Add</i>	29.21	
				<i>For Stainless Steel, Add</i>	116.84	
04 05 19 13-0046	CLF	#8		(For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	107.09	
				<i>For Hot-Dipped Galvanized, Add</i>	29.84	
				<i>For Stainless Steel, Add</i>	119.36	
04 05 19 13-0047	CLF	#10		(For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	113.01	
				<i>For Hot-Dipped Galvanized, Add</i>	30.43	
				<i>For Stainless Steel, Add</i>	121.72	
04 05 19 13-0048	CLF	#12		(For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	120.06	
				<i>For Hot-Dipped Galvanized, Add</i>	31.05	
				<i>For Stainless Steel, Add</i>	124.20	
04 05 19 13-0049	CLF	#13		(For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	125.35	
				<i>For Hot-Dipped Galvanized, Add</i>	31.39	
				<i>For Stainless Steel, Add</i>	125.56	
04 05 19 13-0050	CLF	#14		(For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	129.11	
				<i>For Hot-Dipped Galvanized, Add</i>	31.70	
				<i>For Stainless Steel, Add</i>	126.80	
04 05 19 13-0051	CLF	#16		(For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	146.75	
				<i>For Hot-Dipped Galvanized, Add</i>	38.44	
				<i>For Stainless Steel, Add</i>	153.76	
04 05 19 13-0052	CLF	#18		(For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	181.34	
				<i>For Hot-Dipped Galvanized, Add</i>	53.65	
				<i>For Stainless Steel, Add</i>	214.60	
04 05 19 13-0053 Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0003)</small>						
04 05 19 13-0054	CLF	#4		(For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	108.80	
				<i>For Hot-Dipped Galvanized, Add</i>	34.06	
				<i>For Stainless Steel, Add</i>	136.24	
04 05 19 13-0055	CLF	#6		(For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	114.26	
				<i>For Hot-Dipped Galvanized, Add</i>	35.23	
				<i>For Stainless Steel, Add</i>	140.90	
04 05 19 13-0056	CLF	#8		(For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	119.72	
				<i>For Hot-Dipped Galvanized, Add</i>	36.39	
				<i>For Stainless Steel, Add</i>	145.56	
04 05 19 13-0057	CLF	#10		(For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	127.71	
				<i>For Hot-Dipped Galvanized, Add</i>	37.78	
				<i>For Stainless Steel, Add</i>	151.12	
04 05 19 13-0058	CLF	#12		(For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	135.70	
				<i>For Hot-Dipped Galvanized, Add</i>	39.17	
				<i>For Stainless Steel, Add</i>	156.66	
04 05 19 13-0059	CLF	#13		(For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	142.40	
				<i>For Hot-Dipped Galvanized, Add</i>	39.91	
				<i>For Stainless Steel, Add</i>	159.62	
04 05 19 13-0060	CLF	#14		(For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	146.26	
				<i>For Hot-Dipped Galvanized, Add</i>	40.54	
				<i>For Stainless Steel, Add</i>	162.14	
04 05 19 13-0061	CLF	#16		(For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	153.50	
				<i>For Hot-Dipped Galvanized, Add</i>	41.81	
				<i>For Stainless Steel, Add</i>	167.22	
04 05 19 13-0062	CLF	#18		(For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	195.91	
				<i>For Hot-Dipped Galvanized, Add</i>	60.93	
				<i>For Stainless Steel, Add</i>	243.70	
04 05 19 13-0063 Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0003)</small>						

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 05 19 13-0064	CLF #4 (For 4" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	112.55	
	<i>For Hot-Dipped Galvanized, Add</i>	35.94	
	<i>For Stainless Steel, Add</i>	143.74	
04 05 19 13-0065	CLF #6 (For 6" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	116.33	
	<i>For Hot-Dipped Galvanized, Add</i>	36.44	
	<i>For Stainless Steel, Add</i>	145.74	
04 05 19 13-0066	CLF #8 (For 8" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	121.43	
	<i>For Hot-Dipped Galvanized, Add</i>	37.01	
	<i>For Stainless Steel, Add</i>	148.04	
04 05 19 13-0067	CLF #10 (For 10" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	127.47	
	<i>For Hot-Dipped Galvanized, Add</i>	37.66	
	<i>For Stainless Steel, Add</i>	150.64	
04 05 19 13-0068	CLF #12 (For 12" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	134.55	
	<i>For Hot-Dipped Galvanized, Add</i>	38.30	
	<i>For Stainless Steel, Add</i>	153.18	
04 05 19 13-0069	CLF #13 (For 13" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	139.80	
	<i>For Hot-Dipped Galvanized, Add</i>	38.61	
	<i>For Stainless Steel, Add</i>	154.42	
04 05 19 13-0070	CLF #14 (For 14" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	143.62	
	<i>For Hot-Dipped Galvanized, Add</i>	38.96	
	<i>For Stainless Steel, Add</i>	155.84	
04 05 19 13-0071	CLF #16 (For 16" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	157.66	
	<i>For Hot-Dipped Galvanized, Add</i>	43.89	
	<i>For Stainless Steel, Add</i>	175.54	
04 05 19 13-0072	CLF #18 (For 18" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	181.56	
	<i>For Hot-Dipped Galvanized, Add</i>	53.76	
	<i>For Stainless Steel, Add</i>	215.02	
04 05 19 13-0073 Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement			
<i>(04 05 19 13-0003)</i>			
04 05 19 13-0074	CLF #4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	123.76	
	<i>For Hot-Dipped Galvanized, Add</i>	41.54	
	<i>For Stainless Steel, Add</i>	166.16	
04 05 19 13-0075	CLF #6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	127.69	
	<i>For Hot-Dipped Galvanized, Add</i>	42.12	
	<i>For Stainless Steel, Add</i>	168.46	
04 05 19 13-0076	CLF #8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	132.91	
	<i>For Hot-Dipped Galvanized, Add</i>	42.75	
	<i>For Stainless Steel, Add</i>	171.00	
04 05 19 13-0077	CLF #10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, Four-Wire, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	138.83	
	<i>For Hot-Dipped Galvanized, Add</i>	43.34	
	<i>For Stainless Steel, Add</i>	173.36	
04 05 19 13-0078	CLF #12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	145.88	
	<i>For Hot-Dipped Galvanized, Add</i>	43.96	
	<i>For Stainless Steel, Add</i>	175.84	
04 05 19 13-0079	CLF #13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	151.17	
	<i>For Hot-Dipped Galvanized, Add</i>	44.30	
	<i>For Stainless Steel, Add</i>	177.20	
04 05 19 13-0080	CLF #14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	154.93	
	<i>For Hot-Dipped Galvanized, Add</i>	44.61	
	<i>For Stainless Steel, Add</i>	178.44	
04 05 19 13-0081	CLF #16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	172.57	
	<i>For Hot-Dipped Galvanized, Add</i>	51.35	
	<i>For Stainless Steel, Add</i>	205.40	
04 05 19 13-0082	CLF #18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	207.16	
	<i>For Hot-Dipped Galvanized, Add</i>	66.56	
	<i>For Stainless Steel, Add</i>	266.24	
04 05 19 13-0083 Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement			
<i>(04 05 19 13-0003)</i>			
04 05 19 13-0084	CLF #4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	134.62	
	<i>For Hot-Dipped Galvanized, Add</i>	46.97	
	<i>For Stainless Steel, Add</i>	187.88	
04 05 19 13-0085	CLF #6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	140.08	
	<i>For Hot-Dipped Galvanized, Add</i>	48.14	
	<i>For Stainless Steel, Add</i>	192.54	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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04 05 19 13-0086	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	145.54	
		<i>For Hot-Dipped Galvanized, Add</i>	49.30	
		<i>For Stainless Steel, Add</i>	197.20	
04 05 19 13-0087	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	153.52	
		<i>For Hot-Dipped Galvanized, Add</i>	50.69	
		<i>For Stainless Steel, Add</i>	202.74	
04 05 19 13-0088	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	161.52	
		<i>For Hot-Dipped Galvanized, Add</i>	52.08	
		<i>For Stainless Steel, Add</i>	208.30	
04 05 19 13-0089	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	168.21	
		<i>For Hot-Dipped Galvanized, Add</i>	52.81	
		<i>For Stainless Steel, Add</i>	211.24	
04 05 19 13-0090	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	172.08	
		<i>For Hot-Dipped Galvanized, Add</i>	53.45	
		<i>For Stainless Steel, Add</i>	213.78	
04 05 19 13-0091	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	179.32	
		<i>For Hot-Dipped Galvanized, Add</i>	54.72	
		<i>For Stainless Steel, Add</i>	218.86	
04 05 19 13-0092	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	221.72	
		<i>For Hot-Dipped Galvanized, Add</i>	73.83	
		<i>For Stainless Steel, Add</i>	295.32	

04 05 19 13-0093 Ladder-Type With Tabs, Masonry Wall Reinforcement (04 05 19 13-0002)

04 05 19 13-0094 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement (04 05 19 13-0093)

04 05 19 13-0095	CLF	#8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	87.20	
		<i>For Hot-Dipped Galvanized, Add</i>	17.20	
		<i>For Stainless Steel, Add</i>	68.78	
04 05 19 13-0096	CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	96.22	
		<i>For Hot-Dipped Galvanized, Add</i>	18.78	
		<i>For Stainless Steel, Add</i>	75.10	
04 05 19 13-0097	CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	104.87	
		<i>For Hot-Dipped Galvanized, Add</i>	20.17	
		<i>For Stainless Steel, Add</i>	80.66	
04 05 19 13-0098	CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	112.34	
		<i>For Hot-Dipped Galvanized, Add</i>	20.97	
		<i>For Stainless Steel, Add</i>	83.88	
04 05 19 13-0099	CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	116.77	
		<i>For Hot-Dipped Galvanized, Add</i>	21.72	
		<i>For Stainless Steel, Add</i>	86.86	
04 05 19 13-0100	CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	125.37	
		<i>For Hot-Dipped Galvanized, Add</i>	23.38	
		<i>For Stainless Steel, Add</i>	93.50	
04 05 19 13-0101	CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	132.78	
		<i>For Hot-Dipped Galvanized, Add</i>	24.74	
		<i>For Stainless Steel, Add</i>	98.94	

04 05 19 13-0102 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement (04 05 19 13-0093)

04 05 19 13-0103	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	101.17	
		<i>For Hot-Dipped Galvanized, Add</i>	24.18	
		<i>For Stainless Steel, Add</i>	96.72	
04 05 19 13-0104	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	110.22	
		<i>For Hot-Dipped Galvanized, Add</i>	25.78	
		<i>For Stainless Steel, Add</i>	103.10	
04 05 19 13-0105	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	118.72	
		<i>For Hot-Dipped Galvanized, Add</i>	27.09	
		<i>For Stainless Steel, Add</i>	108.36	
04 05 19 13-0106	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	126.35	
		<i>For Hot-Dipped Galvanized, Add</i>	27.98	
		<i>For Stainless Steel, Add</i>	111.90	
04 05 19 13-0107	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	130.74	
		<i>For Hot-Dipped Galvanized, Add</i>	28.70	
		<i>For Stainless Steel, Add</i>	114.80	

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 05 19 13-0108	CLF #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	139.34	
	<i>For Hot-Dipped Galvanized, Add</i>	30.36	
	<i>For Stainless Steel, Add</i>	121.44	
04 05 19 13-0109	CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	146.94	
	<i>For Hot-Dipped Galvanized, Add</i>	31.82	
	<i>For Stainless Steel, Add</i>	127.26	
04 05 19 13-0110	3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement <small>(04 05 19 13-0093)</small>		
04 05 19 13-0111	CLF #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	107.95	
	<i>For Hot-Dipped Galvanized, Add</i>	27.57	
	<i>For Stainless Steel, Add</i>	110.28	
04 05 19 13-0112	CLF #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	118.61	
	<i>For Hot-Dipped Galvanized, Add</i>	29.97	
	<i>For Stainless Steel, Add</i>	119.88	
04 05 19 13-0113	CLF #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	129.19	
	<i>For Hot-Dipped Galvanized, Add</i>	32.33	
	<i>For Stainless Steel, Add</i>	129.30	
04 05 19 13-0114	CLF #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	137.56	
	<i>For Hot-Dipped Galvanized, Add</i>	33.58	
	<i>For Stainless Steel, Add</i>	134.32	
04 05 19 13-0115	CLF #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	142.79	
	<i>For Hot-Dipped Galvanized, Add</i>	34.73	
	<i>For Stainless Steel, Add</i>	138.90	
04 05 19 13-0116	CLF #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	152.97	
	<i>For Hot-Dipped Galvanized, Add</i>	37.18	
	<i>For Stainless Steel, Add</i>	148.70	
04 05 19 13-0117	CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	162.46	
	<i>For Hot-Dipped Galvanized, Add</i>	39.58	
	<i>For Stainless Steel, Add</i>	158.30	
04 05 19 13-0118	Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0002)</small>		
04 05 19 13-0119	9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0118)</small>		
04 05 19 13-0120	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	124.80	
	<i>For Hot-Dipped Galvanized, Add</i>	36.00	
	<i>For Stainless Steel, Add</i>	143.98	
04 05 19 13-0121	CLF #10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	132.86	
	<i>For Hot-Dipped Galvanized, Add</i>	37.10	
	<i>For Stainless Steel, Add</i>	148.38	
04 05 19 13-0122	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	140.96	
	<i>For Hot-Dipped Galvanized, Add</i>	38.21	
	<i>For Stainless Steel, Add</i>	152.84	
04 05 19 13-0123	CLF #14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	152.24	
	<i>For Hot-Dipped Galvanized, Add</i>	39.45	
	<i>For Stainless Steel, Add</i>	157.80	
04 05 19 13-0124	CLF #16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	160.00	
	<i>For Hot-Dipped Galvanized, Add</i>	40.69	
	<i>For Stainless Steel, Add</i>	162.76	
04 05 19 13-0125	CLF #18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	168.47	
	<i>For Hot-Dipped Galvanized, Add</i>	42.58	
	<i>For Stainless Steel, Add</i>	170.32	
04 05 19 13-0126	3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0118)</small>		
04 05 19 13-0127	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	146.70	
	<i>For Hot-Dipped Galvanized, Add</i>	46.95	
	<i>For Stainless Steel, Add</i>	187.78	
04 05 19 13-0128	CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	154.80	
	<i>For Hot-Dipped Galvanized, Add</i>	48.07	
	<i>For Stainless Steel, Add</i>	192.26	
04 05 19 13-0129	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	163.17	
	<i>For Hot-Dipped Galvanized, Add</i>	49.32	
	<i>For Stainless Steel, Add</i>	197.26	

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0130	CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	.....	174.17	
	<i>For Hot-Dipped Galvanized, Add</i>		50.42	
	<i>For Stainless Steel, Add</i>		201.66	
04 05 19 13-0131	CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	.....	181.96	
	<i>For Hot-Dipped Galvanized, Add</i>		51.67	
	<i>For Stainless Steel, Add</i>		206.68	
04 05 19 13-0132	CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	.....	189.16	
	<i>For Hot-Dipped Galvanized, Add</i>		52.93	
	<i>For Stainless Steel, Add</i>		211.70	
04 05 19 13-0133	3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0118)</small>			
04 05 19 13-0134	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	.....	148.32	
	<i>For Hot-Dipped Galvanized, Add</i>		47.76	
	<i>For Stainless Steel, Add</i>		191.02	
04 05 19 13-0135	CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	.....	157.61	
	<i>For Hot-Dipped Galvanized, Add</i>		49.47	
	<i>For Stainless Steel, Add</i>		197.88	
04 05 19 13-0136	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	.....	166.89	
	<i>For Hot-Dipped Galvanized, Add</i>		51.18	
	<i>For Stainless Steel, Add</i>		204.70	
04 05 19 13-0137	CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	.....	179.81	
	<i>For Hot-Dipped Galvanized, Add</i>		53.24	
	<i>For Stainless Steel, Add</i>		212.94	
04 05 19 13-0138	CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	.....	189.18	
	<i>For Hot-Dipped Galvanized, Add</i>		55.28	
	<i>For Stainless Steel, Add</i>		221.12	
04 05 19 13-0139	CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	.....	197.93	
	<i>For Hot-Dipped Galvanized, Add</i>		57.31	
	<i>For Stainless Steel, Add</i>		229.24	
04 05 19 13-0140	Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0002)</small>			
04 05 19 13-0141	9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0140)</small>			
04 05 19 13-0142	CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	.....	134.75	
	<i>For Hot-Dipped Galvanized, Add</i>		38.04	
	<i>For Stainless Steel, Add</i>		152.16	
04 05 19 13-0143	CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	.....	142.79	
	<i>For Hot-Dipped Galvanized, Add</i>		39.13	
	<i>For Stainless Steel, Add</i>		156.50	
04 05 19 13-0144	CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	.....	153.76	
	<i>For Hot-Dipped Galvanized, Add</i>		40.21	
	<i>For Stainless Steel, Add</i>		160.84	
04 05 19 13-0145	CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	.....	161.61	
	<i>For Hot-Dipped Galvanized, Add</i>		41.50	
	<i>For Stainless Steel, Add</i>		165.98	
04 05 19 13-0146	CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	.....	168.78	
	<i>For Hot-Dipped Galvanized, Add</i>		42.74	
	<i>For Stainless Steel, Add</i>		170.94	
04 05 19 13-0147	CLF #20 (For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	.....	177.04	
	<i>For Hot-Dipped Galvanized, Add</i>		45.23	
	<i>For Stainless Steel, Add</i>		180.92	
04 05 19 13-0148	3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0140)</small>			
04 05 19 13-0149	CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	.....	156.68	
	<i>For Hot-Dipped Galvanized, Add</i>		49.01	
	<i>For Stainless Steel, Add</i>		196.02	
04 05 19 13-0150	CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	.....	164.75	
	<i>For Hot-Dipped Galvanized, Add</i>		50.11	
	<i>For Stainless Steel, Add</i>		200.42	
04 05 19 13-0151	CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	.....	176.03	
	<i>For Hot-Dipped Galvanized, Add</i>		51.35	
	<i>For Stainless Steel, Add</i>		205.38	

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 05 19 13-0152	CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	183.51	
	<i>For Hot-Dipped Galvanized, Add</i>	52.45	
	<i>For Stainless Steel, Add</i>	209.78	
04 05 19 13-0153	CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	190.71	
	<i>For Hot-Dipped Galvanized, Add</i>	53.70	
	<i>For Stainless Steel, Add</i>	214.80	
04 05 19 13-0154	CLF #20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	199.25	
	<i>For Hot-Dipped Galvanized, Add</i>	56.34	
	<i>For Stainless Steel, Add</i>	225.34	
04 05 19 13-0155	3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0149)</small>		
04 05 19 13-0156	CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	158.23	
	<i>For Hot-Dipped Galvanized, Add</i>	49.78	
	<i>For Stainless Steel, Add</i>	199.12	
04 05 19 13-0157	CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	167.54	
	<i>For Hot-Dipped Galvanized, Add</i>	51.50	
	<i>For Stainless Steel, Add</i>	206.00	
04 05 19 13-0158	CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	179.81	
	<i>For Hot-Dipped Galvanized, Add</i>	53.24	
	<i>For Stainless Steel, Add</i>	212.94	
04 05 19 13-0159	CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	189.18	
	<i>For Hot-Dipped Galvanized, Add</i>	55.28	
	<i>For Stainless Steel, Add</i>	221.12	
04 05 19 13-0160	CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	197.93	
	<i>For Hot-Dipped Galvanized, Add</i>	57.31	
	<i>For Stainless Steel, Add</i>	229.24	
04 05 19 13-0161	CLF #20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	207.02	
	<i>For Hot-Dipped Galvanized, Add</i>	60.22	
	<i>For Stainless Steel, Add</i>	240.88	
04 05 19 13-0162	Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0002)</small>		
04 05 19 13-0163	9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0162)</small>		
04 05 19 13-0164	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	127.53	
	<i>For Hot-Dipped Galvanized, Add</i>	34.43	
	<i>For Stainless Steel, Add</i>	137.72	
	<i>For Seismic Hook And Eye, Add</i>	14.80	
04 05 19 13-0165	CLF #10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	135.20	
	<i>For Hot-Dipped Galvanized, Add</i>	35.33	
	<i>For Stainless Steel, Add</i>	141.32	
	<i>For Seismic Hook And Eye, Add</i>	15.19	
04 05 19 13-0166	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	145.92	
	<i>For Hot-Dipped Galvanized, Add</i>	36.29	
	<i>For Stainless Steel, Add</i>	145.16	
	<i>For Seismic Hook And Eye, Add</i>	15.60	
04 05 19 13-0167	CLF #14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	153.25	
	<i>For Hot-Dipped Galvanized, Add</i>	37.32	
	<i>For Stainless Steel, Add</i>	149.26	
	<i>For Seismic Hook And Eye, Add</i>	16.05	
04 05 19 13-0168	CLF #16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	160.07	
	<i>For Hot-Dipped Galvanized, Add</i>	38.38	
	<i>For Stainless Steel, Add</i>	153.52	
	<i>For Seismic Hook And Eye, Add</i>	16.50	
04 05 19 13-0169	CLF #18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	165.26	
	<i>For Hot-Dipped Galvanized, Add</i>	39.34	
	<i>For Stainless Steel, Add</i>	157.36	
	<i>For Seismic Hook And Eye, Add</i>	16.92	
04 05 19 13-0170	3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0162)</small>		
04 05 19 13-0171	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	148.10	
	<i>For Hot-Dipped Galvanized, Add</i>	44.72	
	<i>For Stainless Steel, Add</i>	178.86	
	<i>For Seismic Hook And Eye, Add</i>	19.23	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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04 05 19 13-0172	CLF	#10		(For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	155.37	
				<i>For Hot-Dipped Galvanized, Add</i>	45.42	
				<i>For Stainless Steel, Add</i>	181.66	
				<i>For Seismic Hook And Eye, Add</i>	19.53	
04 05 19 13-0173	CLF	#12		(For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	166.15	
				<i>For Hot-Dipped Galvanized, Add</i>	46.41	
				<i>For Stainless Steel, Add</i>	185.62	
				<i>For Seismic Hook And Eye, Add</i>	19.95	
04 05 19 13-0174	CLF	#14		(For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	173.35	
				<i>For Hot-Dipped Galvanized, Add</i>	47.37	
				<i>For Stainless Steel, Add</i>	189.46	
				<i>For Seismic Hook And Eye, Add</i>	20.37	
04 05 19 13-0175	CLF	#16		(For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	179.96	
				<i>For Hot-Dipped Galvanized, Add</i>	48.33	
				<i>For Stainless Steel, Add</i>	193.30	
				<i>For Seismic Hook And Eye, Add</i>	20.78	
04 05 19 13-0176	CLF	#18		(For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	187.38	
				<i>For Hot-Dipped Galvanized, Add</i>	50.40	
				<i>For Stainless Steel, Add</i>	201.60	
				<i>For Seismic Hook And Eye, Add</i>	21.67	
04 05 19 13-0177				3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0162)</small>		
04 05 19 13-0178	CLF	#8		(For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	149.62	
				<i>For Hot-Dipped Galvanized, Add</i>	45.48	
				<i>For Stainless Steel, Add</i>	181.90	
				<i>For Seismic Hook And Eye, Add</i>	19.55	
04 05 19 13-0179	CLF	#10		(For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	158.78	
				<i>For Hot-Dipped Galvanized, Add</i>	47.12	
				<i>For Stainless Steel, Add</i>	188.48	
				<i>For Seismic Hook And Eye, Add</i>	20.26	
04 05 19 13-0180	CLF	#12		(For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	170.83	
				<i>For Hot-Dipped Galvanized, Add</i>	48.75	
				<i>For Stainless Steel, Add</i>	194.98	
				<i>For Seismic Hook And Eye, Add</i>	20.96	
04 05 19 13-0181	CLF	#14		(For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	180.01	
				<i>For Hot-Dipped Galvanized, Add</i>	50.70	
				<i>For Stainless Steel, Add</i>	202.78	
				<i>For Seismic Hook And Eye, Add</i>	21.80	
04 05 19 13-0182	CLF	#16		(For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	188.60	
				<i>For Hot-Dipped Galvanized, Add</i>	52.65	
				<i>For Stainless Steel, Add</i>	210.58	
				<i>For Seismic Hook And Eye, Add</i>	22.64	
04 05 19 13-0183	CLF	#18		(For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	195.75	
				<i>For Hot-Dipped Galvanized, Add</i>	54.59	
				<i>For Stainless Steel, Add</i>	218.34	
				<i>For Seismic Hook And Eye, Add</i>	23.47	
04 05 19 13-0184				Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0002)</small>		
04 05 19 13-0185				9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0184)</small>		
04 05 19 13-0186	CLF	#10		(For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	137.49	
				<i>For Hot-Dipped Galvanized, Add</i>	36.48	
				<i>For Stainless Steel, Add</i>	145.90	
				<i>For Seismic Hook And Eye, Add</i>	15.68	
04 05 19 13-0187	CLF	#12		(For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	148.06	
				<i>For Hot-Dipped Galvanized, Add</i>	37.36	
				<i>For Stainless Steel, Add</i>	149.44	
				<i>For Seismic Hook And Eye, Add</i>	16.06	
04 05 19 13-0188	CLF	#14		(For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	155.11	
				<i>For Hot-Dipped Galvanized, Add</i>	38.25	
				<i>For Stainless Steel, Add</i>	152.98	
				<i>For Seismic Hook And Eye, Add</i>	16.45	
04 05 19 13-0189	CLF	#16		(For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	162.06	
				<i>For Hot-Dipped Galvanized, Add</i>	39.38	
				<i>For Stainless Steel, Add</i>	157.50	
				<i>For Seismic Hook And Eye, Add</i>	16.93	

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 05 19 13-0190	CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	167.37	
	<i>For Hot-Dipped Galvanized, Add</i>	40.40	
	<i>For Stainless Steel, Add</i>	161.58	
	<i>For Seismic Hook And Eye, Add</i>	17.37	
04 05 19 13-0191	3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0184)</small>		
04 05 19 13-0192	CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	157.32	
	<i>For Hot-Dipped Galvanized, Add</i>	46.39	
	<i>For Stainless Steel, Add</i>	185.56	
	<i>For Seismic Hook And Eye, Add</i>	19.95	
04 05 19 13-0193	CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	168.04	
	<i>For Hot-Dipped Galvanized, Add</i>	47.35	
	<i>For Stainless Steel, Add</i>	189.40	
	<i>For Seismic Hook And Eye, Add</i>	20.36	
04 05 19 13-0194	CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	175.36	
	<i>For Hot-Dipped Galvanized, Add</i>	48.37	
	<i>For Stainless Steel, Add</i>	193.48	
	<i>For Seismic Hook And Eye, Add</i>	20.80	
04 05 19 13-0195	CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	181.70	
	<i>For Hot-Dipped Galvanized, Add</i>	49.20	
	<i>For Stainless Steel, Add</i>	196.78	
	<i>For Seismic Hook And Eye, Add</i>	21.15	
04 05 19 13-0196	CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	187.20	
	<i>For Hot-Dipped Galvanized, Add</i>	50.31	
	<i>For Stainless Steel, Add</i>	201.24	
	<i>For Seismic Hook And Eye, Add</i>	21.63	
04 05 19 13-0197	3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0184)</small>		
04 05 19 13-0198	CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	159.36	
	<i>For Hot-Dipped Galvanized, Add</i>	47.41	
	<i>For Stainless Steel, Add</i>	189.64	
	<i>For Seismic Hook And Eye, Add</i>	20.39	
04 05 19 13-0199	CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	171.45	
	<i>For Hot-Dipped Galvanized, Add</i>	49.06	
	<i>For Stainless Steel, Add</i>	196.22	
	<i>For Seismic Hook And Eye, Add</i>	21.09	
04 05 19 13-0200	CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	180.01	
	<i>For Hot-Dipped Galvanized, Add</i>	50.70	
	<i>For Stainless Steel, Add</i>	202.78	
	<i>For Seismic Hook And Eye, Add</i>	21.80	
04 05 19 13-0201	CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	188.60	
	<i>For Hot-Dipped Galvanized, Add</i>	52.65	
	<i>For Stainless Steel, Add</i>	210.58	
	<i>For Seismic Hook And Eye, Add</i>	22.64	
04 05 19 13-0202	CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	195.75	
	<i>For Hot-Dipped Galvanized, Add</i>	54.59	
	<i>For Stainless Steel, Add</i>	218.34	
	<i>For Seismic Hook And Eye, Add</i>	23.47	
04 05 19 13-0203	Truss-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0001)</small>		
04 05 19 13-0204	Truss-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0203)</small>		
04 05 19 13-0205	Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0204)</small>		
04 05 19 13-0206	CLF #4 (For 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	69.37	
	<i>For Hot-Dipped Galvanized, Add</i>	14.35	
	<i>For Stainless Steel, Add</i>	57.38	
04 05 19 13-0207	CLF #6 (For 6" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	72.46	
	<i>For Hot-Dipped Galvanized, Add</i>	14.50	
	<i>For Stainless Steel, Add</i>	58.00	
04 05 19 13-0208	CLF #8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	77.55	
	<i>For Hot-Dipped Galvanized, Add</i>	15.07	
	<i>For Stainless Steel, Add</i>	60.28	
04 05 19 13-0209	CLF #10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	83.78	
	<i>For Hot-Dipped Galvanized, Add</i>	15.82	
	<i>For Stainless Steel, Add</i>	63.26	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST	
04 05 19 13-0210	CLF	#12		(For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	91.25		
				<i>For Hot-Dipped Galvanized, Add</i>	16.65		
				<i>For Stainless Steel, Add</i>	66.60		
04 05 19 13-0211	CLF	#13		(For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	96.78		
				<i>For Hot-Dipped Galvanized, Add</i>	17.10		
				<i>For Stainless Steel, Add</i>	68.40		
04 05 19 13-0212	CLF	#14		(For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	100.69		
				<i>For Hot-Dipped Galvanized, Add</i>	17.75		
				<i>For Stainless Steel, Add</i>	71.00		
04 05 19 13-0213	CLF	#16		(For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	119.74		
				<i>For Hot-Dipped Galvanized, Add</i>	24.94		
				<i>For Stainless Steel, Add</i>	99.74		
04 05 19 13-0214	CLF	#18		(For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	126.76		
				<i>For Hot-Dipped Galvanized, Add</i>	26.36		
				<i>For Stainless Steel, Add</i>	105.44		
04 05 19 13-0215	CLF	#20		(For 20" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	170.47		
				<i>For Hot-Dipped Galvanized, Add</i>	45.60		
				<i>For Stainless Steel, Add</i>	182.40		
04 05 19 13-0216	Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0204)</small>						
04 05 19 13-0217	CLF	#4		(For 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	80.46		
				<i>For Hot-Dipped Galvanized, Add</i>	19.89		
				<i>For Stainless Steel, Add</i>	79.56		
04 05 19 13-0218	CLF	#6		(For 6" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	83.79		
				<i>For Hot-Dipped Galvanized, Add</i>	20.17		
				<i>For Stainless Steel, Add</i>	80.66		
04 05 19 13-0219	CLF	#8		(For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	88.89		
				<i>For Hot-Dipped Galvanized, Add</i>	20.74		
				<i>For Stainless Steel, Add</i>	82.96		
04 05 19 13-0220	CLF	#10		(For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	95.09		
				<i>For Hot-Dipped Galvanized, Add</i>	21.47		
				<i>For Stainless Steel, Add</i>	85.88		
04 05 19 13-0221	CLF	#12		(For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	102.40		
				<i>For Hot-Dipped Galvanized, Add</i>	22.23		
				<i>For Stainless Steel, Add</i>	88.90		
04 05 19 13-0222	CLF	#13		(For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	108.08		
				<i>For Hot-Dipped Galvanized, Add</i>	22.76		
				<i>For Stainless Steel, Add</i>	91.02		
04 05 19 13-0223	CLF	#14		(For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	111.81		
				<i>For Hot-Dipped Galvanized, Add</i>	23.31		
				<i>For Stainless Steel, Add</i>	93.24		
04 05 19 13-0224	CLF	#16		(For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	134.68		
				<i>For Hot-Dipped Galvanized, Add</i>	32.41		
				<i>For Stainless Steel, Add</i>	129.62		
04 05 19 13-0225	CLF	#18		(For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	141.70		
				<i>For Hot-Dipped Galvanized, Add</i>	33.83		
				<i>For Stainless Steel, Add</i>	135.32		
04 05 19 13-0226	CLF	#20		(For 20" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	201.86		
				<i>For Hot-Dipped Galvanized, Add</i>	63.91		
				<i>For Stainless Steel, Add</i>	255.64		
04 05 19 13-0227	Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0204)</small>						
04 05 19 13-0228	CLF	#4		(For 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	97.43		
				<i>For Hot-Dipped Galvanized, Add</i>	28.38		
				<i>For Stainless Steel, Add</i>	113.50		
04 05 19 13-0229	CLF	#6		(For 6" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	101.27		
				<i>For Hot-Dipped Galvanized, Add</i>	28.73		
				<i>For Stainless Steel, Add</i>	114.92		
04 05 19 13-0230	CLF	#8		(For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	106.51		
				<i>For Hot-Dipped Galvanized, Add</i>	29.79		
				<i>For Stainless Steel, Add</i>	119.14		
04 05 19 13-0231	CLF	#10		(For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	114.60		
				<i>For Hot-Dipped Galvanized, Add</i>	31.23		
				<i>For Stainless Steel, Add</i>	124.90		
04 05 19 13-0232	CLF	#12		(For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	123.42		
				<i>For Hot-Dipped Galvanized, Add</i>	33.03		
				<i>For Stainless Steel, Add</i>	132.10		

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 05 19 13-0233	CLF #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	130.28	
	<i>For Hot-Dipped Galvanized, Add</i>	33.85	
	<i>For Stainless Steel, Add</i>	135.38	
04 05 19 13-0234	CLF #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	135.32	
	<i>For Hot-Dipped Galvanized, Add</i>	35.07	
	<i>For Stainless Steel, Add</i>	140.26	
04 05 19 13-0235	CLF #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	168.34	
	<i>For Hot-Dipped Galvanized, Add</i>	49.23	
	<i>For Stainless Steel, Add</i>	196.90	
04 05 19 13-0236	CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	178.08	
	<i>For Hot-Dipped Galvanized, Add</i>	52.01	
	<i>For Stainless Steel, Add</i>	208.04	
04 05 19 13-0237	CLF #20 (For 20" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	259.13	
	<i>For Hot-Dipped Galvanized, Add</i>	89.93	
	<i>For Stainless Steel, Add</i>	359.72	
04 05 19 13-0238	Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0204)</small>		
04 05 19 13-0239	CLF #4 (For 4" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	86.73	
	<i>For Hot-Dipped Galvanized, Add</i>	23.03	
	<i>For Stainless Steel, Add</i>	92.10	
04 05 19 13-0240	CLF #6 (For 6" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	90.52	
	<i>For Hot-Dipped Galvanized, Add</i>	23.53	
	<i>For Stainless Steel, Add</i>	94.12	
04 05 19 13-0241	CLF #8 (For 8" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	95.62	
	<i>For Hot-Dipped Galvanized, Add</i>	24.11	
	<i>For Stainless Steel, Add</i>	96.42	
04 05 19 13-0242	CLF #10 (For 10" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	101.66	
	<i>For Hot-Dipped Galvanized, Add</i>	24.76	
	<i>For Stainless Steel, Add</i>	99.02	
04 05 19 13-0243	CLF #12 (For 12" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	108.73	
	<i>For Hot-Dipped Galvanized, Add</i>	25.39	
	<i>For Stainless Steel, Add</i>	101.54	
04 05 19 13-0244	CLF #13 (For 13" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	113.98	
	<i>For Hot-Dipped Galvanized, Add</i>	25.70	
	<i>For Stainless Steel, Add</i>	102.78	
04 05 19 13-0245	CLF #14 (For 14" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	117.80	
	<i>For Hot-Dipped Galvanized, Add</i>	26.05	
	<i>For Stainless Steel, Add</i>	104.20	
04 05 19 13-0246	CLF #16 (For 16" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	131.85	
	<i>For Hot-Dipped Galvanized, Add</i>	30.98	
	<i>For Stainless Steel, Add</i>	123.92	
04 05 19 13-0247	Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0204)</small>		
04 05 19 13-0248	CLF #4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	97.95	
	<i>For Hot-Dipped Galvanized, Add</i>	28.64	
	<i>For Stainless Steel, Add</i>	114.54	
04 05 19 13-0249	CLF #6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	101.88	
	<i>For Hot-Dipped Galvanized, Add</i>	29.21	
	<i>For Stainless Steel, Add</i>	116.84	
04 05 19 13-0250	CLF #8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	107.09	
	<i>For Hot-Dipped Galvanized, Add</i>	29.84	
	<i>For Stainless Steel, Add</i>	119.36	
04 05 19 13-0251	CLF #10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	113.01	
	<i>For Hot-Dipped Galvanized, Add</i>	30.43	
	<i>For Stainless Steel, Add</i>	121.72	
04 05 19 13-0252	CLF #12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	120.06	
	<i>For Hot-Dipped Galvanized, Add</i>	31.05	
	<i>For Stainless Steel, Add</i>	124.20	
04 05 19 13-0253	CLF #13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	125.35	
	<i>For Hot-Dipped Galvanized, Add</i>	31.39	
	<i>For Stainless Steel, Add</i>	125.56	
04 05 19 13-0254	CLF #14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	129.11	
	<i>For Hot-Dipped Galvanized, Add</i>	31.70	
	<i>For Stainless Steel, Add</i>	126.80	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST
04 05 19 13-0255	CLF	#16		(For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement 146.75 <i>For Hot-Dipped Galvanized, Add</i> 38.44 <i>For Stainless Steel, Add</i> 153.76	146.75	
04 05 19 13-0256	CLF	#18		(For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement 181.34 <i>For Hot-Dipped Galvanized, Add</i> 53.65 <i>For Stainless Steel, Add</i> 214.60	181.34	
04 05 19 13-0257				Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0204)</small>		
04 05 19 13-0258	CLF	#4		(For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement 108.80 <i>For Hot-Dipped Galvanized, Add</i> 34.06 <i>For Stainless Steel, Add</i> 136.24	108.80	
04 05 19 13-0259	CLF	#6		(For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement 114.26 <i>For Hot-Dipped Galvanized, Add</i> 35.23 <i>For Stainless Steel, Add</i> 140.90	114.26	
04 05 19 13-0260	CLF	#8		(For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement 119.72 <i>For Hot-Dipped Galvanized, Add</i> 36.39 <i>For Stainless Steel, Add</i> 145.56	119.72	
04 05 19 13-0261	CLF	#10		(For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement 127.71 <i>For Hot-Dipped Galvanized, Add</i> 37.78 <i>For Stainless Steel, Add</i> 151.12	127.71	
04 05 19 13-0262	CLF	#12		(For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement 135.70 <i>For Hot-Dipped Galvanized, Add</i> 39.17 <i>For Stainless Steel, Add</i> 156.66	135.70	
04 05 19 13-0263	CLF	#13		(For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement 142.40 <i>For Hot-Dipped Galvanized, Add</i> 39.91 <i>For Stainless Steel, Add</i> 159.62	142.40	
04 05 19 13-0264	CLF	#14		(For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement 146.26 <i>For Hot-Dipped Galvanized, Add</i> 40.54 <i>For Stainless Steel, Add</i> 162.14	146.26	
04 05 19 13-0265	CLF	#16		(For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement 153.50 <i>For Hot-Dipped Galvanized, Add</i> 41.81 <i>For Stainless Steel, Add</i> 167.22	153.50	
04 05 19 13-0266	CLF	#18		(For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement 195.91 <i>For Hot-Dipped Galvanized, Add</i> 60.93 <i>For Stainless Steel, Add</i> 243.70	195.91	
04 05 19 13-0267				Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0204)</small>		
04 05 19 13-0268	CLF	#4		(For 4" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement 112.55 <i>For Hot-Dipped Galvanized, Add</i> 35.94 <i>For Stainless Steel, Add</i> 143.74	112.55	
04 05 19 13-0269	CLF	#6		(For 6" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement 116.33 <i>For Hot-Dipped Galvanized, Add</i> 36.44 <i>For Stainless Steel, Add</i> 145.74	116.33	
04 05 19 13-0270	CLF	#8		(For 8" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement 121.43 <i>For Hot-Dipped Galvanized, Add</i> 37.01 <i>For Stainless Steel, Add</i> 148.04	121.43	
04 05 19 13-0271	CLF	#10		(For 10" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement 127.47 <i>For Hot-Dipped Galvanized, Add</i> 37.66 <i>For Stainless Steel, Add</i> 150.64	127.47	
04 05 19 13-0272	CLF	#12		(For 12" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement 134.55 <i>For Hot-Dipped Galvanized, Add</i> 38.30 <i>For Stainless Steel, Add</i> 153.18	134.55	
04 05 19 13-0273	CLF	#13		(For 13" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement 139.80 <i>For Hot-Dipped Galvanized, Add</i> 38.61 <i>For Stainless Steel, Add</i> 154.42	139.80	
04 05 19 13-0274	CLF	#14		(For 14" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement 143.62 <i>For Hot-Dipped Galvanized, Add</i> 38.96 <i>For Stainless Steel, Add</i> 155.84	143.62	
04 05 19 13-0275	CLF	#16		(For 16" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement 157.66 <i>For Hot-Dipped Galvanized, Add</i> 43.89 <i>For Stainless Steel, Add</i> 175.54	157.66	
04 05 19 13-0276	CLF	#18		(For 18" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement 181.56 <i>For Hot-Dipped Galvanized, Add</i> 53.76 <i>For Stainless Steel, Add</i> 215.02	181.56	

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**
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04 05 19 13-0277	Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0204)</small>		
04 05 19 13-0278	CLF #4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	123.76	
	<i>For Hot-Dipped Galvanized, Add</i>	41.54	
	<i>For Stainless Steel, Add</i>	166.16	
04 05 19 13-0279	CLF #6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	127.69	
	<i>For Hot-Dipped Galvanized, Add</i>	42.12	
	<i>For Stainless Steel, Add</i>	168.46	
04 05 19 13-0280	CLF #8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	132.91	
	<i>For Hot-Dipped Galvanized, Add</i>	42.75	
	<i>For Stainless Steel, Add</i>	171.00	
04 05 19 13-0281	CLF #10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	138.83	
	<i>For Hot-Dipped Galvanized, Add</i>	43.34	
	<i>For Stainless Steel, Add</i>	173.36	
04 05 19 13-0282	CLF #12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	145.88	
	<i>For Hot-Dipped Galvanized, Add</i>	43.96	
	<i>For Stainless Steel, Add</i>	175.84	
04 05 19 13-0283	CLF #13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	151.17	
	<i>For Hot-Dipped Galvanized, Add</i>	44.30	
	<i>For Stainless Steel, Add</i>	177.20	
04 05 19 13-0284	CLF #14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	154.93	
	<i>For Hot-Dipped Galvanized, Add</i>	44.61	
	<i>For Stainless Steel, Add</i>	178.44	
04 05 19 13-0285	CLF #16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	172.57	
	<i>For Hot-Dipped Galvanized, Add</i>	51.35	
	<i>For Stainless Steel, Add</i>	205.40	
04 05 19 13-0286	CLF #18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	207.16	
	<i>For Hot-Dipped Galvanized, Add</i>	66.56	
	<i>For Stainless Steel, Add</i>	266.24	
04 05 19 13-0287	Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0204)</small>		
04 05 19 13-0288	CLF #4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	134.62	
	<i>For Hot-Dipped Galvanized, Add</i>	46.97	
	<i>For Stainless Steel, Add</i>	187.88	
04 05 19 13-0289	CLF #6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	140.08	
	<i>For Hot-Dipped Galvanized, Add</i>	48.14	
	<i>For Stainless Steel, Add</i>	192.54	
04 05 19 13-0290	CLF #8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	145.54	
	<i>For Hot-Dipped Galvanized, Add</i>	49.30	
	<i>For Stainless Steel, Add</i>	197.20	
04 05 19 13-0291	CLF #10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	153.52	
	<i>For Hot-Dipped Galvanized, Add</i>	50.69	
	<i>For Stainless Steel, Add</i>	202.74	
04 05 19 13-0292	CLF #12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	161.52	
	<i>For Hot-Dipped Galvanized, Add</i>	52.08	
	<i>For Stainless Steel, Add</i>	208.30	
04 05 19 13-0293	CLF #13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	168.21	
	<i>For Hot-Dipped Galvanized, Add</i>	52.81	
	<i>For Stainless Steel, Add</i>	211.24	
04 05 19 13-0294	CLF #14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	172.08	
	<i>For Hot-Dipped Galvanized, Add</i>	53.45	
	<i>For Stainless Steel, Add</i>	213.78	
04 05 19 13-0295	CLF #16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	179.32	
	<i>For Hot-Dipped Galvanized, Add</i>	54.72	
	<i>For Stainless Steel, Add</i>	218.86	
04 05 19 13-0296	CLF #18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	221.72	
	<i>For Hot-Dipped Galvanized, Add</i>	73.83	
	<i>For Stainless Steel, Add</i>	295.32	
04 05 19 13-0297	Truss-Type With Tabs, Masonry Wall Reinforcement <small>(04 05 19 13-0203)</small>		
04 05 19 13-0298	9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement <small>(04 05 19 13-0297)</small>		
04 05 19 13-0299	CLF #8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	97.76	
	<i>For Hot-Dipped Galvanized, Add</i>	22.48	
	<i>For Stainless Steel, Add</i>	89.90	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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04 05 19 13-0300	CLF #10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		105.79	
	<i>For Hot-Dipped Galvanized, Add</i>		23.56	
	<i>For Stainless Steel, Add</i>		94.24	
04 05 19 13-0301	CLF #12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		114.41	
	<i>For Hot-Dipped Galvanized, Add</i>		24.94	
	<i>For Stainless Steel, Add</i>		99.74	
04 05 19 13-0302	CLF #13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		122.16	
	<i>For Hot-Dipped Galvanized, Add</i>		25.88	
	<i>For Stainless Steel, Add</i>		103.52	
04 05 19 13-0303	CLF #14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		126.68	
	<i>For Hot-Dipped Galvanized, Add</i>		26.67	
	<i>For Stainless Steel, Add</i>		106.68	
04 05 19 13-0304	CLF #16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		135.77	
	<i>For Hot-Dipped Galvanized, Add</i>		28.58	
	<i>For Stainless Steel, Add</i>		114.30	
04 05 19 13-0305	CLF #18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		144.27	
	<i>For Hot-Dipped Galvanized, Add</i>		30.48	
	<i>For Stainless Steel, Add</i>		121.92	

04 05 19 13-0306 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement (04 05 19 13-0297)

04 05 19 13-0307	CLF #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		111.76	
	<i>For Hot-Dipped Galvanized, Add</i>		29.48	
	<i>For Stainless Steel, Add</i>		117.90	
04 05 19 13-0308	CLF #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		119.82	
	<i>For Hot-Dipped Galvanized, Add</i>		30.58	
	<i>For Stainless Steel, Add</i>		122.30	
04 05 19 13-0309	CLF #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		128.39	
	<i>For Hot-Dipped Galvanized, Add</i>		31.93	
	<i>For Stainless Steel, Add</i>		127.70	
04 05 19 13-0310	CLF #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		136.17	
	<i>For Hot-Dipped Galvanized, Add</i>		32.89	
	<i>For Stainless Steel, Add</i>		131.54	
04 05 19 13-0311	CLF #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		140.59	
	<i>For Hot-Dipped Galvanized, Add</i>		33.63	
	<i>For Stainless Steel, Add</i>		134.50	
04 05 19 13-0312	CLF #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		149.71	
	<i>For Hot-Dipped Galvanized, Add</i>		35.55	
	<i>For Stainless Steel, Add</i>		142.18	
04 05 19 13-0313	CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		158.28	
	<i>For Hot-Dipped Galvanized, Add</i>		37.49	
	<i>For Stainless Steel, Add</i>		149.94	

04 05 19 13-0314 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement (04 05 19 13-0297)

04 05 19 13-0315	CLF #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		124.74	
	<i>For Hot-Dipped Galvanized, Add</i>		35.97	
	<i>For Stainless Steel, Add</i>		143.86	
04 05 19 13-0316	CLF #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		134.01	
	<i>For Hot-Dipped Galvanized, Add</i>		37.67	
	<i>For Stainless Steel, Add</i>		150.68	
04 05 19 13-0317	CLF #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		144.56	
	<i>For Hot-Dipped Galvanized, Add</i>		40.01	
	<i>For Stainless Steel, Add</i>		160.04	
04 05 19 13-0318	CLF #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		152.96	
	<i>For Hot-Dipped Galvanized, Add</i>		41.28	
	<i>For Stainless Steel, Add</i>		165.12	
04 05 19 13-0319	CLF #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		158.44	
	<i>For Hot-Dipped Galvanized, Add</i>		42.55	
	<i>For Stainless Steel, Add</i>		170.20	
04 05 19 13-0320	CLF #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		169.45	
	<i>For Hot-Dipped Galvanized, Add</i>		45.42	
	<i>For Stainless Steel, Add</i>		181.66	
04 05 19 13-0321	CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		178.88	
	<i>For Hot-Dipped Galvanized, Add</i>		47.79	
	<i>For Stainless Steel, Add</i>		191.14	

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04 05 19 13-0322	Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0203)</small>		
04 05 19 13-0323	9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0322)</small>		
04 05 19 13-0324	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	141.41	
	For Hot-Dipped Galvanized, Add	44.30	
	For Stainless Steel, Add	177.20	
04 05 19 13-0325	CLF #10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	147.89	
	For Hot-Dipped Galvanized, Add	44.61	
	For Stainless Steel, Add	178.44	
04 05 19 13-0326	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	155.93	
	For Hot-Dipped Galvanized, Add	45.70	
	For Stainless Steel, Add	182.78	
04 05 19 13-0327	CLF #14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	167.61	
	For Hot-Dipped Galvanized, Add	47.14	
	For Stainless Steel, Add	188.54	
04 05 19 13-0328	CLF #16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	176.29	
	For Hot-Dipped Galvanized, Add	48.84	
	For Stainless Steel, Add	195.34	
04 05 19 13-0329	CLF #18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	185.14	
	For Hot-Dipped Galvanized, Add	50.92	
	For Stainless Steel, Add	203.66	
04 05 19 13-0330	3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0322)</small>		
04 05 19 13-0331	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	163.06	
	For Hot-Dipped Galvanized, Add	55.13	
	For Stainless Steel, Add	220.50	
04 05 19 13-0332	CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	169.85	
	For Hot-Dipped Galvanized, Add	55.59	
	For Stainless Steel, Add	222.36	
04 05 19 13-0333	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	177.89	
	For Hot-Dipped Galvanized, Add	56.68	
	For Stainless Steel, Add	226.70	
04 05 19 13-0334	CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	189.51	
	For Hot-Dipped Galvanized, Add	58.09	
	For Stainless Steel, Add	232.34	
04 05 19 13-0335	CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	197.92	
	For Hot-Dipped Galvanized, Add	59.65	
	For Stainless Steel, Add	238.60	
04 05 19 13-0336	CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	205.77	
	For Hot-Dipped Galvanized, Add	61.23	
	For Stainless Steel, Add	244.92	
04 05 19 13-0337	3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0322)</small>		
04 05 19 13-0338	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	174.93	
	For Hot-Dipped Galvanized, Add	61.06	
	For Stainless Steel, Add	244.24	
04 05 19 13-0339	CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	181.72	
	For Hot-Dipped Galvanized, Add	61.53	
	For Stainless Steel, Add	246.10	
04 05 19 13-0340	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	190.99	
	For Hot-Dipped Galvanized, Add	63.23	
	For Stainless Steel, Add	252.90	
04 05 19 13-0341	CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	204.25	
	For Hot-Dipped Galvanized, Add	65.46	
	For Stainless Steel, Add	261.82	
04 05 19 13-0342	CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	215.17	
	For Hot-Dipped Galvanized, Add	68.28	
	For Stainless Steel, Add	273.10	
04 05 19 13-0343	CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	226.12	
	For Hot-Dipped Galvanized, Add	71.41	
	For Stainless Steel, Add	285.62	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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04 05 19 13-0344			Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0203)</small>		
04 05 19 13-0345			9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0344)</small>		
04 05 19 13-0346	CLF	#10	(For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	151.39	
			For Hot-Dipped Galvanized, Add	46.36	
			For Stainless Steel, Add	185.44	
04 05 19 13-0347	CLF	#12	(For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	157.91	
			For Hot-Dipped Galvanized, Add	46.69	
			For Stainless Steel, Add	186.74	
04 05 19 13-0348	CLF	#14	(For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	168.81	
			For Hot-Dipped Galvanized, Add	47.74	
			For Stainless Steel, Add	190.94	
04 05 19 13-0349	CLF	#16	(For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	176.94	
			For Hot-Dipped Galvanized, Add	49.16	
			For Stainless Steel, Add	196.64	
04 05 19 13-0350	CLF	#18	(For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	185.10	
			For Hot-Dipped Galvanized, Add	50.90	
			For Stainless Steel, Add	203.58	
04 05 19 13-0351	CLF	#20	(For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	191.91	
			For Hot-Dipped Galvanized, Add	52.67	
			For Stainless Steel, Add	210.66	
04 05 19 13-0352			3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0344)</small>		
04 05 19 13-0353	CLF	#10	(For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	172.98	
			For Hot-Dipped Galvanized, Add	57.16	
			For Stainless Steel, Add	228.62	
04 05 19 13-0354	CLF	#12	(For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	179.78	
			For Hot-Dipped Galvanized, Add	57.62	
			For Stainless Steel, Add	230.48	
04 05 19 13-0355	CLF	#14	(For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	190.75	
			For Hot-Dipped Galvanized, Add	58.71	
			For Stainless Steel, Add	234.82	
04 05 19 13-0356	CLF	#16	(For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	198.88	
			For Hot-Dipped Galvanized, Add	60.13	
			For Stainless Steel, Add	240.52	
04 05 19 13-0357	CLF	#18	(For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	206.70	
			For Hot-Dipped Galvanized, Add	61.70	
			For Stainless Steel, Add	246.78	
04 05 19 13-0358	CLF	#20	(For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	213.68	
			For Hot-Dipped Galvanized, Add	63.55	
			For Stainless Steel, Add	254.20	
04 05 19 13-0359			3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0344)</small>		
04 05 19 13-0360	CLF	#10	(For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	184.87	
			For Hot-Dipped Galvanized, Add	63.10	
			For Stainless Steel, Add	252.40	
04 05 19 13-0361	CLF	#12	(For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	191.64	
			For Hot-Dipped Galvanized, Add	63.55	
			For Stainless Steel, Add	254.20	
04 05 19 13-0362	CLF	#14	(For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	203.91	
			For Hot-Dipped Galvanized, Add	65.29	
			For Stainless Steel, Add	261.14	
04 05 19 13-0363	CLF	#16	(For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	213.62	
			For Hot-Dipped Galvanized, Add	67.50	
			For Stainless Steel, Add	270.00	
04 05 19 13-0364	CLF	#18	(For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	223.92	
			For Hot-Dipped Galvanized, Add	70.31	
			For Stainless Steel, Add	281.22	
04 05 19 13-0365	CLF	#20	(For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	231.46	
			For Hot-Dipped Galvanized, Add	72.44	
			For Stainless Steel, Add	289.76	

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 05 19 13-0366	Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0203)</small>		
04 05 19 13-0367	9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0366)</small>		
04 05 19 13-0368	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	143.05	
	<i>For Hot-Dipped Galvanized, Add</i>	42.19	
	<i>For Stainless Steel, Add</i>	168.76	
	<i>For Seismic Hook And Eye, Add</i>	18.14	
04 05 19 13-0369	CLF #10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	149.51	
	<i>For Hot-Dipped Galvanized, Add</i>	42.49	
	<i>For Stainless Steel, Add</i>	169.94	
	<i>For Seismic Hook And Eye, Add</i>	18.27	
04 05 19 13-0370	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	160.14	
	<i>For Hot-Dipped Galvanized, Add</i>	43.40	
	<i>For Stainless Steel, Add</i>	173.60	
	<i>For Seismic Hook And Eye, Add</i>	18.66	
04 05 19 13-0371	CLF #14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	168.05	
	<i>For Hot-Dipped Galvanized, Add</i>	44.72	
	<i>For Stainless Steel, Add</i>	178.86	
	<i>For Seismic Hook And Eye, Add</i>	19.23	
04 05 19 13-0372	CLF #16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	175.47	
	<i>For Hot-Dipped Galvanized, Add</i>	46.08	
	<i>For Stainless Steel, Add</i>	184.32	
	<i>For Seismic Hook And Eye, Add</i>	19.81	
04 05 19 13-0373	CLF #18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	182.09	
	<i>For Hot-Dipped Galvanized, Add</i>	47.76	
	<i>For Stainless Steel, Add</i>	191.02	
	<i>For Seismic Hook And Eye, Add</i>	20.53	
04 05 19 13-0374	3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0366)</small>		
04 05 19 13-0375	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	162.94	
	<i>For Hot-Dipped Galvanized, Add</i>	52.14	
	<i>For Stainless Steel, Add</i>	208.54	
	<i>For Seismic Hook And Eye, Add</i>	22.42	
04 05 19 13-0376	CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	169.62	
	<i>For Hot-Dipped Galvanized, Add</i>	52.54	
	<i>For Stainless Steel, Add</i>	210.16	
	<i>For Seismic Hook And Eye, Add</i>	22.59	
04 05 19 13-0377	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	180.09	
	<i>For Hot-Dipped Galvanized, Add</i>	53.38	
	<i>For Stainless Steel, Add</i>	213.50	
	<i>For Seismic Hook And Eye, Add</i>	22.95	
04 05 19 13-0378	CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	187.88	
	<i>For Hot-Dipped Galvanized, Add</i>	54.63	
	<i>For Stainless Steel, Add</i>	218.52	
	<i>For Seismic Hook And Eye, Add</i>	23.49	
04 05 19 13-0379	CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	195.27	
	<i>For Hot-Dipped Galvanized, Add</i>	55.98	
	<i>For Stainless Steel, Add</i>	223.92	
	<i>For Seismic Hook And Eye, Add</i>	24.07	
04 05 19 13-0380	CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	201.51	
	<i>For Hot-Dipped Galvanized, Add</i>	57.47	
	<i>For Stainless Steel, Add</i>	229.86	
	<i>For Seismic Hook And Eye, Add</i>	24.71	
04 05 19 13-0381	3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0366)</small>		
04 05 19 13-0382	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	174.96	
	<i>For Hot-Dipped Galvanized, Add</i>	58.15	
	<i>For Stainless Steel, Add</i>	232.58	
	<i>For Seismic Hook And Eye, Add</i>	25.00	
04 05 19 13-0383	CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	181.73	
	<i>For Hot-Dipped Galvanized, Add</i>	58.60	
	<i>For Stainless Steel, Add</i>	234.38	
	<i>For Seismic Hook And Eye, Add</i>	25.20	
04 05 19 13-0384	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	193.78	
	<i>For Hot-Dipped Galvanized, Add</i>	60.22	
	<i>For Stainless Steel, Add</i>	240.88	
	<i>For Seismic Hook And Eye, Add</i>	25.89	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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04 05 19 13-0385	CLF	#14	(For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	203.31	
			<i>For Hot-Dipped Galvanized, Add</i>	62.35	
			<i>For Stainless Steel, Add</i>	249.38	
			<i>For Seismic Hook And Eye, Add</i>	26.81	
04 05 19 13-0386	CLF	#16	(For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	213.36	
			<i>For Hot-Dipped Galvanized, Add</i>	65.03	
			<i>For Stainless Steel, Add</i>	260.10	
			<i>For Seismic Hook And Eye, Add</i>	27.96	
04 05 19 13-0387	CLF	#18	(For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	222.57	
			<i>For Hot-Dipped Galvanized, Add</i>	68.00	
			<i>For Stainless Steel, Add</i>	271.98	
			<i>For Seismic Hook And Eye, Add</i>	29.24	
04 05 19 13-0388			Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0203)</small>		
04 05 19 13-0389			9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall <small>(04 05 19 13-0388)</small>		
04 05 19 13-0390	CLF	#10	(For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	152.89	
			<i>For Hot-Dipped Galvanized, Add</i>	44.18	
			<i>For Stainless Steel, Add</i>	176.70	
			<i>For Seismic Hook And Eye, Add</i>	19.00	
04 05 19 13-0391	CLF	#12	(For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	162.31	
			<i>For Hot-Dipped Galvanized, Add</i>	44.49	
			<i>For Stainless Steel, Add</i>	177.94	
			<i>For Seismic Hook And Eye, Add</i>	19.13	
04 05 19 13-0392	CLF	#14	(For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	169.54	
			<i>For Hot-Dipped Galvanized, Add</i>	45.46	
			<i>For Stainless Steel, Add</i>	181.84	
			<i>For Seismic Hook And Eye, Add</i>	19.55	
04 05 19 13-0393	CLF	#16	(For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	177.02	
			<i>For Hot-Dipped Galvanized, Add</i>	46.86	
			<i>For Stainless Steel, Add</i>	187.42	
			<i>For Seismic Hook And Eye, Add</i>	20.15	
04 05 19 13-0394	CLF	#18	(For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	183.51	
			<i>For Hot-Dipped Galvanized, Add</i>	48.47	
			<i>For Stainless Steel, Add</i>	193.86	
			<i>For Seismic Hook And Eye, Add</i>	20.84	
04 05 19 13-0395			3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0388)</small>		
04 05 19 13-0396	CLF	#10	(For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	174.33	
			<i>For Hot-Dipped Galvanized, Add</i>	54.90	
			<i>For Stainless Steel, Add</i>	219.58	
			<i>For Seismic Hook And Eye, Add</i>	23.60	
04 05 19 13-0397	CLF	#12	(For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	183.81	
			<i>For Hot-Dipped Galvanized, Add</i>	55.24	
			<i>For Stainless Steel, Add</i>	220.94	
			<i>For Seismic Hook And Eye, Add</i>	23.75	
04 05 19 13-0398	CLF	#14	(For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	190.98	
			<i>For Hot-Dipped Galvanized, Add</i>	56.18	
			<i>For Stainless Steel, Add</i>	224.72	
			<i>For Seismic Hook And Eye, Add</i>	24.16	
04 05 19 13-0399	CLF	#16	(For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	198.21	
			<i>For Hot-Dipped Galvanized, Add</i>	57.45	
			<i>For Stainless Steel, Add</i>	229.80	
			<i>For Seismic Hook And Eye, Add</i>	24.70	
04 05 19 13-0400	CLF	#18	(For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	204.08	
			<i>For Hot-Dipped Galvanized, Add</i>	58.75	
			<i>For Stainless Steel, Add</i>	235.00	
			<i>For Seismic Hook And Eye, Add</i>	25.26	
04 05 19 13-0401			3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0388)</small>		
04 05 19 13-0402	CLF	#10	(For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	184.74	
			<i>For Hot-Dipped Galvanized, Add</i>	60.10	
			<i>For Stainless Steel, Add</i>	240.40	
			<i>For Seismic Hook And Eye, Add</i>	25.84	

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 05 19 13-0403	CLF	#12 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	194.40
		For Hot-Dipped Galvanized, Add	60.53
		For Stainless Steel, Add	242.12
		For Seismic Hook And Eye, Add	26.03
04 05 19 13-0404	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	202.97
		For Hot-Dipped Galvanized, Add	62.18
		For Stainless Steel, Add	248.70
		For Seismic Hook And Eye, Add	26.74
04 05 19 13-0405	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	211.87
		For Hot-Dipped Galvanized, Add	64.28
		For Stainless Steel, Add	257.12
		For Seismic Hook And Eye, Add	27.64
04 05 19 13-0406	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	220.50
		For Hot-Dipped Galvanized, Add	66.96
		For Stainless Steel, Add	267.84
		For Seismic Hook And Eye, Add	28.79

04 05 19 16 Masonry Anchors (04 05 19)

04 05 19 16-0001 Rectangular, Wire Masonry Wall Ties (04 05 19 16)

04 05 19 16-0002 Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Ties (04 05 19 16-0001)

04 05 19 16-0003	EA	2" Width x 4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.48
04 05 19 16-0004	EA	2" Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.59
04 05 19 16-0005	EA	2" Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.70
04 05 19 16-0006	EA	2" Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.83
04 05 19 16-0007	EA	2" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.96
04 05 19 16-0008	EA	4" Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.70
04 05 19 16-0009	EA	4" Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.83
04 05 19 16-0010	EA	4" Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.96
04 05 19 16-0011	EA	4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	2.09

04 05 19 16-0012 Mill Galvanized, Rectangular, Wire Masonry Wall Ties (04 05 19 16-0001)

04 05 19 16-0013	EA	2" Width x 4" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.29
04 05 19 16-0014	EA	2" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.33
04 05 19 16-0015	EA	2" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.38
04 05 19 16-0016	EA	2" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.45
04 05 19 16-0017	EA	2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.52
04 05 19 16-0018	EA	4" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.38
04 05 19 16-0019	EA	4" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.45
04 05 19 16-0020	EA	4" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.52
04 05 19 16-0021	EA	4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.60

04 05 19 16-0022 Z-Type, Wire Masonry Wall Ties (04 05 19 16)

04 05 19 16-0023 Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Ties (04 05 19 16-0022)

04 05 19 16-0024	EA	6" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.29
04 05 19 16-0025	EA	8" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.36
04 05 19 16-0026	EA	10" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.55
04 05 19 16-0027	EA	12" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.64
04 05 19 16-0028	EA	6" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.66
04 05 19 16-0029	EA	8" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.78
04 05 19 16-0030	EA	10" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.93
04 05 19 16-0031	EA	12" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	2.02

04 05 19 16-0032 Mill Galvanized, Z-Type, Wire Masonry Wall Ties (04 05 19 16-0022)

04 05 19 16-0033	EA	6" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.15
04 05 19 16-0034	EA	8" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.17
04 05 19 16-0035	EA	10" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.32
04 05 19 16-0036	EA	12" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.36
04 05 19 16-0037	EA	6" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.37
04 05 19 16-0038	EA	8" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.45
04 05 19 16-0039	EA	10" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.52
04 05 19 16-0040	EA	12" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.62

04 05 19 16-0041 Wire Beam Ties (04 05 19 16)

04 05 19 16-0042 Hot-Dipped Galvanized, Wire Beam Ties (04 05 19 16-0041)

04 05 19 16-0043	EA	2" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie.....	1.82
04 05 19 16-0044	EA	4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie.....	1.87
04 05 19 16-0045	EA	6" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie.....	1.91
04 05 19 16-0046	EA	8" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie.....	1.96
04 05 19 16-0047	EA	10" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie.....	2.05

04 05 19 16-0048 Mill Galvanized, Wire Beam Ties (04 05 19 16-0041)

04 05 19 16-0049	EA	2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie.....	2.21
04 05 19 16-0050	EA	4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie.....	2.32

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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04 05 19 16-0051	EA		6" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie.....	2.44	
04 05 19 16-0052	EA		8" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie.....	2.49	
04 05 19 16-0053	EA		10" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie.....	2.58	
04 05 19 16-0054	Adjustable Double Pintle, Wire Masonry Wall Ties <small>(04 05 19 16)</small>				
04 05 19 16-0055	Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties <small>(04 05 19 16-0054)</small>				
04 05 19 16-0056	EA		6" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	2.05	
04 05 19 16-0057	EA		7" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	2.15	
04 05 19 16-0058	EA		8" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	2.18	
04 05 19 16-0059	EA		9" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	2.27	
04 05 19 16-0060	EA		10" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	2.30	
04 05 19 16-0061	Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties <small>(04 05 19 16-0054)</small>				
04 05 19 16-0062	EA		6" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	1.70	
04 05 19 16-0063	EA		7" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	1.76	
04 05 19 16-0064	EA		8" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	1.79	
04 05 19 16-0065	EA		9" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	1.84	
04 05 19 16-0066	EA		10" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	1.86	
04 05 19 16-0067	Corrugated Buck (Brick) Anchors <small>(04 05 19 16)</small>				
04 05 19 16-0068	Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchors <small>(04 05 19 16-0067)</small>				
04 05 19 16-0069	EA		3-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	2.54	
04 05 19 16-0070	EA		4-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	2.65	
04 05 19 16-0071	EA		5-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	2.75	
04 05 19 16-0072	EA		6-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	2.86	
04 05 19 16-0073	EA		7-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	2.97	
04 05 19 16-0074	EA		3-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	2.63	
04 05 19 16-0075	EA		4-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	2.75	
04 05 19 16-0076	EA		5-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	2.86	
04 05 19 16-0077	EA		6-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	2.98	
04 05 19 16-0078	EA		7-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	3.10	
04 05 19 16-0079	Mill Galvanized, Corrugated Buck (Brick) Anchors <small>(04 05 19 16-0067)</small>				
04 05 19 16-0080	EA		3-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	2.16	
04 05 19 16-0081	EA		4-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	2.24	
04 05 19 16-0082	EA		5-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	2.31	
04 05 19 16-0083	EA		6-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	2.39	
04 05 19 16-0084	EA		7-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	2.47	
04 05 19 16-0085	EA		3-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	2.23	
04 05 19 16-0086	EA		4-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	2.31	
04 05 19 16-0087	EA		5-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	2.40	
04 05 19 16-0088	EA		6-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	2.48	
04 05 19 16-0089	EA		7-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	2.57	
04 05 19 16-0090	Corrugated Wall Ties <small>(04 05 19 16)</small>				
04 05 19 16-0091	Hot-Dipped Galvanized, Corrugated Wall Ties <small>(04 05 19 16-0090)</small>				
04 05 19 16-0092	EA		7/8" Width, 7" Length, 28 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie.....	1.14	
04 05 19 16-0093	EA		7/8" Width, 7" Length, 26 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie.....	1.23	
04 05 19 16-0094	EA		7/8" Width, 7" Length, 24 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie.....	1.27	
04 05 19 16-0095	EA		7/8" Width, 7" Length, 22 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie.....	1.30	
04 05 19 16-0096	EA		7/8" Width, 7" Length, 16 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie.....	1.60	
04 05 19 16-0097	Mill Galvanized, Corrugated Wall Ties <small>(04 05 19 16-0090)</small>				
04 05 19 16-0098	EA		7/8" Width, 7" Length, 26 Gauge, Mill Galvanized, Corrugated Wall Tie.....	1.18	
04 05 19 16-0099	EA		7/8" Width, 7" Length, 24 Gauge, Mill Galvanized, Corrugated Wall Tie.....	1.20	
04 05 19 16-0100	EA		7/8" Width, 7" Length, 22 Gauge, Mill Galvanized, Corrugated Wall Tie.....	1.23	
04 05 19 16-0101	EA		7/8" Width, 7" Length, 16 Gauge, Mill Galvanized, Corrugated Wall Tie.....	1.46	
04 05 19 16-0102	Stainless Steel, Corrugated Wall Ties <small>(04 05 19 16-0090)</small>				
04 05 19 16-0103	EA		7/8" Width, 7" Length, 28 Gauge, Stainless Steel, Corrugated Wall Tie.....	1.45	
04 05 19 16-0104	EA		7/8" Width, 7" Length, 26 Gauge, Stainless Steel, Corrugated Wall Tie.....	1.51	
04 05 19 16-0105	EA		7/8" Width, 7" Length, 24 Gauge, Stainless Steel, Corrugated Wall Tie.....	1.58	
04 05 19 16-0106	EA		7/8" Width, 7" Length, 22 Gauge, Stainless Steel, Corrugated Wall Tie.....	1.64	
04 05 19 16-0107	EA		7/8" Width, 7" Length, 16 Gauge, Stainless Steel, Corrugated Wall Tie.....	1.97	
04 05 19 16-0108	Wire Mesh Wall Ties <small>(04 05 19 16)</small>				
Note: 1/2" square mesh.					
04 05 19 16-0109	EA		3" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie.....	2.44	
04 05 19 16-0110	EA		3" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie.....	3.03	
04 05 19 16-0111	EA		6" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie.....	3.63	
04 05 19 16-0112	EA		6" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie.....	4.74	
04 05 19 16-0113	EA		10" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie.....	4.37	
04 05 19 16-0114	EA		10" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie.....	5.51	

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 05 19 16-0115		Triangle Brick Ties <small>(04 05 19 16)</small>		
04 05 19 16-0116		Hot-Dipped Galvanized, Triangle Brick Ties <small>(04 05 19 16-0115)</small>		
04 05 19 16-0117	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.14	
04 05 19 16-0118	EA	3-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.19	
04 05 19 16-0119	EA	4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.24	
04 05 19 16-0120	EA	4-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.33	
04 05 19 16-0121	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.38	
04 05 19 16-0122	EA	6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.52	
04 05 19 16-0123	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.62	
04 05 19 16-0124	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.85	
04 05 19 16-0125	EA	3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.63	
04 05 19 16-0126	EA	3-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.66	
04 05 19 16-0127	EA	4" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.70	
04 05 19 16-0128	EA	4-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.78	
04 05 19 16-0129	EA	5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.82	
04 05 19 16-0130	EA	6" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.95	
04 05 19 16-0131	EA	7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	3.03	
04 05 19 16-0132	EA	9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	3.27	
04 05 19 16-0133		Mill Galvanized, Triangle Brick Ties <small>(04 05 19 16-0115)</small>		
04 05 19 16-0134	EA	3" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.91	
04 05 19 16-0135	EA	3-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.92	
04 05 19 16-0136	EA	4" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.94	
04 05 19 16-0137	EA	4-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	2.01	
04 05 19 16-0138	EA	5" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	2.02	
04 05 19 16-0139	EA	6" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	2.11	
04 05 19 16-0140	EA	7" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	2.14	
04 05 19 16-0141	EA	9" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	2.22	
04 05 19 16-0142	EA	3" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.19	
04 05 19 16-0143	EA	3-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.22	
04 05 19 16-0144	EA	4" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.25	
04 05 19 16-0145	EA	4-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.33	
04 05 19 16-0146	EA	5" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.35	
04 05 19 16-0147	EA	6" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.45	
04 05 19 16-0148	EA	7" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.50	
04 05 19 16-0149	EA	9" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.64	
04 05 19 16-0150		Seismic Veneer Anchors <small>(04 05 19 16)</small>		
04 05 19 16-0151	EA	3-1/2" Length, 1-1/4" Width, Stainless Steel, Seismic Notch Veneer Anchor	6.20	
		Note: For horizontal wire attachment. Excludes wire.		
04 05 19 16-0152		Slip-Set, Joint Stabilization Anchors <small>(04 05 19 16)</small>		
		Note: For restraining lateral movement at control joints. Field bendable.		
04 05 19 16-0153	EA	9-5/8" Length, 1-5/8" Width, Mill Galvanized, Slip-Set, Joint Stabilization Anchor	8.05	
04 05 19 16-0154	EA	9-5/8" Length, 1-5/8" Width, Hot-Dipped Galvanized, Slip-Set, Joint Stabilization Anchor	8.75	
04 05 19 16-0155	EA	9-5/8" Length, 1-5/8" Width, Stainless Steel, Slip-Set, Joint Stabilization Anchor	6.20	
04 05 19 16-0156		Strap Partition Top Anchors <small>(04 05 19 16)</small>		
04 05 19 16-0157	EA	12 Gauge Strap, 3/8" Rod, Hot-Dipped Galvanized, Partition Top Anchor	4.52	
04 05 19 16-0158	EA	12 Gauge Strap, 3/8" Rod, Stainless Steel, Partition Top Anchor	6.52	
04 05 19 16-0159		Rigid Partition Anchors <small>(04 05 19 16)</small>		
04 05 19 16-0160		Hot-Dipped Galvanized, Rigid Partition Anchors <small>(04 05 19 16-0159)</small>		
04 05 19 16-0161	EA	1" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.20	
04 05 19 16-0162	EA	1-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.50	
04 05 19 16-0163	EA	1-1/2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.87	
04 05 19 16-0164	EA	1-3/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	4.21	
04 05 19 16-0165	EA	2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	4.54	
04 05 19 16-0166	EA	2-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	4.88	
04 05 19 16-0167	EA	1" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	4.55	
04 05 19 16-0168	EA	1-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	5.62	
04 05 19 16-0169	EA	1-1/2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	6.70	
04 05 19 16-0170	EA	1-3/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	7.78	
04 05 19 16-0171	EA	2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	8.85	
04 05 19 16-0172	EA	2-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	9.93	
04 05 19 16-0173		Mill Galvanized, Rigid Partition Anchors <small>(04 05 19 16-0159)</small>		
04 05 19 16-0174	EA	1" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	2.90	
04 05 19 16-0175	EA	1-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	3.16	
04 05 19 16-0176	EA	1-1/2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	3.43	
04 05 19 16-0177	EA	1-3/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	3.69	
04 05 19 16-0178	EA	2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	3.95	
04 05 19 16-0179	EA	2-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	4.21	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT	DEMOLITION
			UNIT COST	UNIT COST

04 05 19 16-0180		Screw-On Masonry Veneer Anchor Plates <small>(04 05 19 16)</small>		
04 05 19 16-0181	EA	12 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate	2.05	
04 05 19 16-0182	EA	14 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate	2.17	

04 05 19 16-0183 **Wire Column Ties** (04 05 19 16)

04 05 19 16-0184 **Hot-Dipped Galvanized, Wire Column Ties** (04 05 19 16-0183)

04 05 19 16-0185	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.52	
04 05 19 16-0186	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.70	
04 05 19 16-0187	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.83	
04 05 19 16-0188	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.01	
04 05 19 16-0189	EA	10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.67	
04 05 19 16-0190	EA	12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.83	
04 05 19 16-0191	EA	14" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.94	
04 05 19 16-0192	EA	16" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.06	
04 05 19 16-0193	EA	3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.46	
04 05 19 16-0194	EA	5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.77	
04 05 19 16-0195	EA	7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.98	
04 05 19 16-0196	EA	9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	4.27	
04 05 19 16-0197	EA	10" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.77	
04 05 19 16-0198	EA	12" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.98	
04 05 19 16-0199	EA	14" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	4.16	
04 05 19 16-0200	EA	16" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	4.36	

04 05 19 16-0201 **Mill Galvanized, Wire Column Ties** (04 05 19 16-0183)

04 05 19 16-0202	EA	3" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.20	
04 05 19 16-0203	EA	5" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.31	
04 05 19 16-0204	EA	7" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.38	
04 05 19 16-0205	EA	9" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.49	
04 05 19 16-0206	EA	10" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.25	
04 05 19 16-0207	EA	12" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.36	
04 05 19 16-0208	EA	14" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.43	
04 05 19 16-0209	EA	16" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.52	
04 05 19 16-0210	EA	3" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.90	
04 05 19 16-0211	EA	5" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	3.10	
04 05 19 16-0212	EA	7" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	3.19	
04 05 19 16-0213	EA	9" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	3.39	
04 05 19 16-0214	EA	10" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.81	
04 05 19 16-0215	EA	12" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	3.15	
04 05 19 16-0216	EA	14" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	3.28	
04 05 19 16-0217	EA	16" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	3.39	

04 05 19 16-0218 **Dovetail Anchors, Slots And Ties** (04 05 19 16)

04 05 19 16-0219 **Dovetail Anchor Slots** (04 05 19 16-0218)

04 05 19 16-0220 **Hot-Dipped Galvanized, Dovetail Anchor Slot** (04 05 19 16-0219)

04 05 19 16-0221	LF	24 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	4.67	
04 05 19 16-0222	LF	22 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	5.20	
04 05 19 16-0223	LF	20 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	5.51	
04 05 19 16-0224	LF	18 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	5.66	
04 05 19 16-0225	LF	16 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	6.02	

04 05 19 16-0226 **Mill Galvanized, Dovetail Anchor Slot** (04 05 19 16-0219)

04 05 19 16-0227	LF	24 Gauge, Mill Galvanized, Dovetail Anchor Slot	3.62	
04 05 19 16-0228	LF	22 Gauge, Mill Galvanized, Dovetail Anchor Slot	4.29	
04 05 19 16-0229	LF	20 Gauge, Mill Galvanized, Dovetail Anchor Slot	4.44	
04 05 19 16-0230	LF	18 Gauge, Mill Galvanized, Dovetail Anchor Slot	4.67	
04 05 19 16-0231	LF	16 Gauge, Mill Galvanized, Dovetail Anchor Slot	4.82	

04 05 19 16-0232 **304 Stainless Steel, Dovetail Anchor Slot** (04 05 19 16-0219)

04 05 19 16-0233	LF	24 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	4.18	
04 05 19 16-0234	LF	22 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	4.62	
04 05 19 16-0235	LF	20 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	4.77	
04 05 19 16-0236	LF	18 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	5.27	
04 05 19 16-0237	LF	16 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	5.75	

04 05 19 16-0238 **316 Stainless Steel, Dovetail Anchor Slot** (04 05 19 16-0219)

04 05 19 16-0239	LF	24 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	4.52	
04 05 19 16-0240	LF	22 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	4.86	
04 05 19 16-0241	LF	20 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	5.19	
04 05 19 16-0242	LF	18 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	5.62	
04 05 19 16-0243	LF	16 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	5.87	

04 05 19 16-0244 **Dovetail Corrugated Brick Ties** (04 05 19 16-0218)

04 05 19 16-0245 **Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie** (04 05 19 16-0244)

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 05 19 16-0246	EA	3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.52
04 05 19 16-0247	EA	5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.69
04 05 19 16-0248	EA	7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.86
04 05 19 16-0249	EA	3-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.56
04 05 19 16-0250	EA	5-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.88
04 05 19 16-0251	EA	7-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	2.12
04 05 19 16-0252	EA	3-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.65
04 05 19 16-0253	EA	5-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.87
04 05 19 16-0254	EA	7-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	2.09

04 05 19 16-0255 Mill Galvanized, Dovetail Corrugated Brick Tie (04 05 19 16-0244)

04 05 19 16-0256	EA	3-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.37
04 05 19 16-0257	EA	5-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.47
04 05 19 16-0258	EA	7-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.58
04 05 19 16-0259	EA	3-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.45
04 05 19 16-0260	EA	5-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.66
04 05 19 16-0261	EA	7-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.83
04 05 19 16-0262	EA	3-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.49
04 05 19 16-0263	EA	5-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.74
04 05 19 16-0264	EA	7-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.91

04 05 19 16-0265 Dovetail Stone Anchors (04 05 19 16-0218)**04 05 19 16-0266 Hot-Dipped Galvanized, Dovetail Stone Anchors (04 05 19 16-0265)**

04 05 19 16-0267	EA	3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor.....	1.88
04 05 19 16-0268	EA	5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor.....	2.05
04 05 19 16-0269	EA	7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor.....	2.23

04 05 19 16-0270 Dovetail Partition Top Anchors (04 05 19 16-0218)

04 05 19 16-0271	EA	3/8" Rod, Hot-Dipped Galvanized, Dovetail Partition Top Anchor.....	4.69
04 05 19 16-0272	EA	3/8" Rod, Stainless Steel, Dovetail Partition Top Anchor.....	7.02

04 05 19 16-0273 Dovetail Flexible Triangle Brick Ties (04 05 19 16-0218)**04 05 19 16-0274 Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Ties (04 05 19 16-0273)**

04 05 19 16-0275	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie.....	2.85
04 05 19 16-0276	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie.....	3.08
04 05 19 16-0277	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie.....	3.23
04 05 19 16-0278	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie.....	3.39

04 05 19 16-0279 Mill Galvanized, Dovetail Flexible Triangle Brick Ties (04 05 19 16-0273)

04 05 19 16-0280	EA	3" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie.....	2.53
04 05 19 16-0281	EA	5" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie.....	2.55
04 05 19 16-0282	EA	7" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie.....	2.65
04 05 19 16-0283	EA	9" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie.....	2.90

04 05 19 26 Masonry Reinforcing Bars (04 05 19)

Note: Includes cutting and bending.

04 05 19 26-0001 Plain Steel Masonry Reinforcement Bar (04 05 19 26)

04 05 19 26-0002	LF	#3, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar.....	0.94
04 05 19 26-0003	LF	#4, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar.....	1.55
04 05 19 26-0004	LF	#5, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar.....	2.19
04 05 19 26-0005	LF	#6, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar.....	2.86
04 05 19 26-0006	LF	#3, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar.....	0.96
04 05 19 26-0007	LF	#4, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar.....	1.57
04 05 19 26-0008	LF	#5, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar.....	2.23
04 05 19 26-0009	LF	#6, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar.....	2.91
04 05 19 26-0010	LF	#3, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar.....	0.98
04 05 19 26-0011	LF	#4, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar.....	1.61
04 05 19 26-0012	LF	#5, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar.....	2.29
04 05 19 26-0013	LF	#6, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar.....	3.00
04 05 19 26-0014	LF	#3, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar.....	1.11
04 05 19 26-0015	LF	#4, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar.....	1.82
04 05 19 26-0016	LF	#5, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar.....	2.55
04 05 19 26-0017	LF	#6, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar.....	3.30
04 05 19 26-0018	LF	#3, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar.....	1.13
04 05 19 26-0019	LF	#4, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar.....	1.84
04 05 19 26-0020	LF	#5, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar.....	2.59
04 05 19 26-0021	LF	#6, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar.....	3.35
04 05 19 26-0022	LF	#3, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar.....	1.15
04 05 19 26-0023	LF	#4, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar.....	1.88
04 05 19 26-0024	LF	#5, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar.....	2.65
04 05 19 26-0025	LF	#6, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar.....	3.44

04 05 19 26-0026 Galvanized Steel Masonry Reinforcement Bar (04 05 19 26)

04 05 19 26-0027	LF	#3, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	1.09
04 05 19 26-0028	LF	#4, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	1.80

MINOR	DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM	UNIT COST	UNIT COST

04 05 19 26-0029	LF	#5, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	2.58
04 05 19 26-0030	LF	#6, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	3.42
04 05 19 26-0031	LF	#3, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	1.10
04 05 19 26-0032	LF	#4, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	1.82
04 05 19 26-0033	LF	#5, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	2.62
04 05 19 26-0034	LF	#6, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	3.47
04 05 19 26-0035	LF	#3, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	1.12
04 05 19 26-0036	LF	#4, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	1.86
04 05 19 26-0037	LF	#5, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	2.68
04 05 19 26-0038	LF	#6, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	3.56
04 05 19 26-0039	LF	#3, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	1.26
04 05 19 26-0040	LF	#4, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.07
04 05 19 26-0041	LF	#5, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.94
04 05 19 26-0042	LF	#6, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	3.86
04 05 19 26-0043	LF	#3, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	1.27
04 05 19 26-0044	LF	#4, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.09
04 05 19 26-0045	LF	#5, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.98
04 05 19 26-0046	LF	#6, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	3.91
04 05 19 26-0047	LF	#3, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	1.29
04 05 19 26-0048	LF	#4, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.13
04 05 19 26-0049	LF	#5, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	3.04
04 05 19 26-0050	LF	#6, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	4.00

04 05 19 26-0051 Epoxy-Coated Masonry Reinforcement Bar (04 05 19 26)

04 05 19 26-0052	LF	#3, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.07
04 05 19 26-0053	LF	#4, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.77
04 05 19 26-0054	LF	#5, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	2.54
04 05 19 26-0055	LF	#6, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	3.36
04 05 19 26-0056	LF	#3, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.08
04 05 19 26-0057	LF	#4, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.80
04 05 19 26-0058	LF	#5, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	2.58
04 05 19 26-0059	LF	#6, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	3.41
04 05 19 26-0060	LF	#3, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.10
04 05 19 26-0061	LF	#4, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.83
04 05 19 26-0062	LF	#5, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	2.64
04 05 19 26-0063	LF	#6, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	3.50
04 05 19 26-0064	LF	#3, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.24
04 05 19 26-0065	LF	#4, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.04
04 05 19 26-0066	LF	#5, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.90
04 05 19 26-0067	LF	#6, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	3.80
04 05 19 26-0068	LF	#3, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.25
04 05 19 26-0069	LF	#4, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.07
04 05 19 26-0070	LF	#5, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.94
04 05 19 26-0071	LF	#6, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	3.85
04 05 19 26-0072	LF	#3, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.27
04 05 19 26-0073	LF	#4, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.10
04 05 19 26-0074	LF	#5, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	3.00
04 05 19 26-0075	LF	#6, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	3.94

04 05 23 Masonry Accessories (04 05)

04 05 23 13 Masonry Control and Expansion Joints (04 05 23)

04 05 23 13-0001 Masonry Control Joints (04 05 23 13)

04 05 23 13-0002 Rubber, Masonry Control Joints (04 05 23 13-0001)

04 05 23 13-0003	LF	1-5/8" Width, T-Style, Rubber, Masonry Control Joint	7.33	1.04
04 05 23 13-0004	LF	2-5/8" Width, Rubber, Masonry Control Joint	7.11	1.04
04 05 23 13-0005	LF	6-7/8" Width, Rubber, Masonry Control Joint	15.38	1.04

04 05 23 13-0006 Polyvinyl Chloride (PVC), Masonry Control Joints (04 05 23 13-0001)

04 05 23 13-0007	LF	1-5/8" Width, T-Style, Polyvinyl Chloride (PVC), Masonry Control Joint	4.26	1.04
04 05 23 13-0008	LF	2-5/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	4.44	1.04
04 05 23 13-0009	LF	4-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	5.62	1.04
04 05 23 13-0010	LF	6-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	6.20	1.04
04 05 23 13-0011	LF	11-1/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	5.81	1.04

04 05 23 16 Masonry Embedded Flashing (04 05 23)

04 05 23 16-0001 Lead Coated Copper Through Wall Flashing (04 05 23 16)

04 05 23 16-0002 Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing (04 05 23 16-0001)

04 05 23 16-0003	SF	2 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	9.28	1.79
04 05 23 16-0004	SF	3 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	10.30	1.79
04 05 23 16-0005	SF	5 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	13.11	1.79
04 05 23 16-0006	SF	7 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	15.59	1.79

04 05 23 16-0007 Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing (04 05 23 16-0001)

04 05 23 16-0008	SF	2 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	10.27	1.79
04 05 23 16-0009	SF	3 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	11.18	1.79

04 Masonry**04 05 Common Work Results for Masonry****04 05 23 Masonry Accessories**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 05 23 16-0010	SF	5 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	14.43	1.79
04 05 23 16-0011	SF	7 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	17.41	1.79
04 05 23 16-0012		Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing (04 05 23 16-0001)		
04 05 23 16-0013	SF	2 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	9.51	1.79
04 05 23 16-0014	SF	3 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	10.78	1.79
04 05 23 16-0015	SF	5 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	12.60	1.79
04 05 23 16-0016	SF	7 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	16.40	1.79
04 05 23 16-0017		Copper Through Wall Flashing (04 05 23 16)		
04 05 23 16-0018		2 Sides Coated With Asphalt, Thru-Wall Copper Flashing (04 05 23 16-0017)		
04 05 23 16-0019	SF	2 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	7.76	1.67
04 05 23 16-0020	SF	3 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	8.51	1.67
04 05 23 16-0021	SF	5 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	10.57	1.67
04 05 23 16-0022	SF	7 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	12.39	1.67
04 05 23 16-0023	SF	10 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	13.16	1.67
04 05 23 16-0024		2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing (04 05 23 16-0017)		
04 05 23 16-0025	SF	2 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	8.50	1.67
04 05 23 16-0026	SF	3 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	9.16	1.67
04 05 23 16-0027	SF	5 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	11.54	1.67
04 05 23 16-0028	SF	7 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	13.72	1.67
04 05 23 16-0029	SF	10 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	15.01	1.67
04 05 23 16-0030		1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing (04 05 23 16-0017)		
04 05 23 16-0031	SF	2 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	7.84	1.67
04 05 23 16-0032	SF	3 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	8.60	1.67
04 05 23 16-0033	SF	5 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	10.65	1.67
04 05 23 16-0034	SF	7 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	12.46	1.67
04 05 23 16-0035	SF	10 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	13.24	1.67
04 05 23 16-0036		2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing (04 05 23 16-0017)		
04 05 23 16-0037	SF	2 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	7.94	1.67
04 05 23 16-0038	SF	3 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	8.85	1.67
04 05 23 16-0039	SF	5 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	10.20	1.67
04 05 23 16-0040	SF	7 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	12.98	1.67
04 05 23 16-0041	SF	10 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	9.40	1.67
04 05 23 16-0042		2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing (04 05 23 16-0017)		
04 05 23 16-0043	SF	3 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing.....	10.99	1.67
04 05 23 16-0044	SF	5 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing.....	13.74	1.67
04 05 23 16-0045		2 Sides Glass Fabric, Thru-Wall Copper Flashing (04 05 23 16-0017)		
		Note: Glass fabric is bonded to both sides with a non-asphaltic adhesive.		
04 05 23 16-0046	SF	3 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing.....	9.40	1.67
04 05 23 16-0047	SF	5 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing.....	11.86	1.67
04 05 23 16-0048		Stainless Steel Through Wall Flashing (04 05 23 16)		
04 05 23 16-0049		Paper Backed 2 Sides, Stainless Steel Through Wall Flashing (04 05 23 16-0048)		
04 05 23 16-0050	SF	0.005" Thick Paper Backed 2 Sides, Stainless Steel Through Wall Flashing	7.64	1.67
04 05 23 16-0051		Polyvinyl Chloride (PVC) Through Wall Flashing (04 05 23 16)		
04 05 23 16-0052	SF	0.010" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	4.61	1.87
04 05 23 16-0053	SF	0.020" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	4.95	1.87
04 05 23 16-0054	SF	0.030" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	5.33	1.87
04 05 23 16-0055	SF	0.056" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	6.61	1.87
04 05 23 19		Masonry Cavity Drainage, Weepholes, and Vents (04 05 23)		
04 05 23 19-0001		Brick Vents, 4" Deep, With Insect Screen (04 05 23 19)		
		Note: 0.100" nominal wall thickness, three mortar ribs on top and bottom of frame.		
04 05 23 19-0002	EA	8-1/8" x 2-3/8" Aluminum Brick Vent.....	78.68	
04 05 23 19-0003	EA	8-1/8" x 4-3/4" Aluminum Brick Vent.....	97.76	
04 05 23 19-0004	EA	8-1/8" x 7-3/4" Aluminum Brick Vent.....	123.67	
04 05 23 19-0005	EA	12" x 2-3/8" Aluminum Brick Vent.....	96.98	
04 05 23 19-0006	EA	12" x 4-3/4" Aluminum Brick Vent.....	120.04	
04 05 23 19-0007	EA	12" x 7-3/4" Aluminum Brick Vent.....	152.27	
04 05 23 19-0008	EA	16-1/2" x 2-3/8" Aluminum Brick Vent.....	115.10	
04 05 23 19-0009	EA	16-1/2" x 4-3/4" Aluminum Brick Vent.....	156.57	
04 05 23 19-0010	EA	16-1/2" x 7-3/4" Aluminum Brick Vent.....	191.95	
04 05 23 19-0011	EA	24" x 2-3/8" Aluminum Brick Vent.....	157.62	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 23 19-0012	EA			24" x 4-3/4" Aluminum Brick Vent.....	205.51	
04 05 23 19-0013	EA			24" x 7-3/4" Aluminum Brick Vent.....	253.49	

04 20 Unit Masonry ⁽⁰⁴⁾

Note: Includes finishing joints (pointing) and cleaning of new brick and mortar. Cutting of new bricks/blocks to size. Weep holes and wicking material.

04 21 Clay Unit Masonry ^(04 20)

04 21 13 Brick Masonry ^(04 21)

Note: Includes brick and mortar. See CSI section 04 05 19 13-0000 for reinforcing, 04 05 19 16-0000 for masonry anchors.

04 21 13 00-0001 Brick Masonry ^(04 21 13)

04 21 13 00-0002	SF			Standard Size Red Brick, Running Bond.....	24.65	
				Note: Standard size brick, 3-5/8" x 2-1/4" x 8". (6.55 Bricks/SF)		
				For Buff Or Gray, Add	0.82	
				For Common Or American Bond, Add	0.79	
				For English Bond, Add	1.58	
				For Flemish Bond, Add	3.21	
				For Stacked Bond, Add	2.22	
				For <10, Small Area Replacements (Individual Areas), Add	29.86	
				For Curved Wall, Add	3.95	
				For Corbels, Add	14.81	
				For Severe Weather (SW) Brick, Add	0.74	
				For Glazed Brick, Add	17.19	
04 21 13 00-0003	SF			Engineer Standard Size Red Brick, Running Bond.....	25.37	
				Note: Engineer standard size brick, 3-5/8" x 2-3/4" x 8". (5.39 Bricks/SF)		
				For Buff Or Gray, Add	1.01	
				For Common Or American Bond, Add	0.77	
				For English Bond, Add	1.54	
				For Flemish Bond, Add	3.20	
				For Stacked Bond, Add	2.23	
				For <10, Small Area Replacements (Individual Areas), Add	29.24	
				For Curved Wall, Add	3.86	
				For Corbels, Add	14.47	
				For Severe Weather (SW) Brick, Add	0.91	
				For Glazed Brick, Add	21.28	
04 21 13 00-0004	SF			Modular Size Red Brick, Running Bond.....	24.65	
				Note: Modular size brick, 3-5/8" x 2-1/4" x 7-5/8". (6.75 Bricks/SF)		
				For Buff Or Gray, Add	0.82	
				For Common Or American Bond, Add	0.79	
				For English Bond, Add	1.58	
				For Flemish Bond, Add	3.21	
				For Stacked Bond, Add	2.22	
				For <10, Small Area Replacements (Individual Areas), Add	29.86	
				For Curved Wall, Add	3.95	
				For Corbels, Add	14.81	
				For Severe Weather (SW) Brick, Add	0.74	
				For Glazed Brick, Add	17.19	
04 21 13 00-0005	SF			Engineer Modular Size Red Brick, Running Bond	25.37	
				Note: Engineer modular size brick, 3-5/8" x 2-3/4" x 7-5/8". (5.63 Bricks/SF)		
				For Buff Or Gray, Add	1.01	
				For Common Or American Bond, Add	0.77	
				For English Bond, Add	1.54	
				For Flemish Bond, Add	3.20	
				For Stacked Bond, Add	2.23	
				For <10, Small Area Replacements (Individual Areas), Add	29.24	
				For Curved Wall, Add	3.86	
				For Corbels, Add	14.47	
				For Severe Weather (SW) Brick, Add	0.91	
				For Glazed Brick, Add	21.28	
04 21 13 00-0006	SF			Economy Size Red Brick, Running Bond.....	25.21	
				Note: Economy size brick, 3-5/8" x 3-5/8" x 7-5/8". (4.5 Bricks/SF)		
				For Buff Or Gray, Add	0.99	
				For Common Or American Bond, Add	0.77	
				For English Bond, Add	1.54	
				For Flemish Bond, Add	3.19	
				For Stacked Bond, Add	2.23	
				For <10, Small Area Replacements (Individual Areas), Add	29.23	
				For Curved Wall, Add	3.86	
				For Corbels, Add	14.47	
				For Severe Weather (SW) Brick, Add	0.89	
				For Glazed Brick, Add	20.72	
04 21 13 00-0007	SF			Utility Size Red Brick, Running Bond.....	18.54	
				Note: Utility size brick, 3-5/8" x 3-5/8" x 11-5/8". (3.0 Bricks/SF)		
				For Buff Or Gray, Add	0.85	
				For Common Or American Bond, Add	0.54	
				For English Bond, Add	1.08	
				For Flemish Bond, Add	2.27	
				For Stacked Bond, Add	1.60	
				For <10, Small Area Replacements (Individual Areas), Add	20.46	
				For Curved Wall, Add	2.69	
				For Corbels, Add	10.10	
				For Severe Weather (SW) Brick, Add	0.76	
				For Glazed Brick, Add	17.75	

04 Masonry
04 20 Unit Masonry
04 21 Clay Unit Masonry

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

04 21 13 00-0008	SF	Double Utility Size Red Brick, Running Bond.....	17.02	
		Note: Double utility size brick, 3-5/8" x 7-5/8" x 11-5/8". (1.5 Bricks/SF)		
		For Buff Or Gray, Add	0.59	
		For Common Or American Bond, Add	0.54	
		For English Bond, Add	1.08	
		For Flemish Bond, Add	2.20	
		For Stacked Bond, Add	1.52	
		For <10, Small Area Replacements (Individual Areas), Add	20.38	
		For Curved Wall, Add	2.69	
		For Corbels, Add	10.10	
		For Severe Weather (SW) Brick, Add	0.53	
		For Glazed Brick, Add	12.43	
04 21 13 00-0009	SF	Norman Size Red Brick, Running Bond.....	25.67	
		Note: Norman size brick, 3-5/8" x 2-1/4" x 11-5/8". (4.5 Bricks/SF)		
		For Buff Or Gray, Add	1.06	
		For Common Or American Bond, Add	0.77	
		For English Bond, Add	1.54	
		For Flemish Bond, Add	3.21	
		For Stacked Bond, Add	2.25	
		For <10, Small Area Replacements (Individual Areas), Add	29.25	
		For Curved Wall, Add	3.86	
		For Corbels, Add	14.47	
		For Severe Weather (SW) Brick, Add	0.96	
		For Glazed Brick, Add	22.33	
04 21 13 00-0010	SF	Roman Size Red Brick, Running Bond.....	27.02	
		Note: Roman size brick, 3-5/8" x 1-5/8" x 11-5/8". (6.0 Bricks/SF)		
		For Buff Or Gray, Add	1.29	
		For Common Or American Bond, Add	0.77	
		For English Bond, Add	1.54	
		For Flemish Bond, Add	3.28	
		For Stacked Bond, Add	2.32	
		For <10, Small Area Replacements (Individual Areas), Add	29.32	
		For Curved Wall, Add	3.86	
		For Corbels, Add	14.47	
		For Severe Weather (SW) Brick, Add	1.16	
		For Glazed Brick, Add	27.06	
04 21 13 00-0011		Fire Brick (04 21 13)		
04 21 13 00-0012	SF	Running Bond, Red Fire Brick.....	28.36	
		For Buff Or Gray, Add	1.51	
		For Common Or American Bond, Add	0.77	
		For English Bond, Add	1.54	
		For Flemish Bond, Add	3.35	
		For Stacked Bond, Add	2.38	
		For <10, Small Area Replacements (Individual Areas), Add	29.39	
04 21 13 00-0013		Window Sill (04 21 13)		
04 21 13 00-0014	LF	Standard Size Red Brick, Window Sill.....	22.60	
		Note: Standard size brick, 3-5/8" x 2-1/4" x 8", placed on edge.		
		For Buff Or Gray, Add	0.27	
04 21 13 00-0015	LF	Engineer Standard Size Red Brick, Window Sill.....	22.79	
		Note: Engineer standard size brick, 3-5/8" x 2-3/4" x 8", placed on edge.		
		For Buff Or Gray, Add	0.30	
04 21 13 00-0016	LF	Modular Size Red Brick, Window Sill.....	22.60	
		Note: Modular size brick, 3-5/8" x 2-1/4" x 7-5/8", placed on edge.		
		For Buff Or Gray, Add	0.27	
04 21 13 00-0017	LF	Engineer Modular Size Red Brick, Window Sill.....	22.92	
		Note: Engineer modular size brick, 3-5/8" x 2-3/4" x 7-5/8", placed on edge.		
		For Buff Or Gray, Add	0.32	
04 21 13 00-0018	LF	Economy Size Red Brick, Window Sill.....	23.75	
		Note: Economy size brick, 3-5/8" x 3-5/8" x 7-5/8", placed on edge.		
		For Buff Or Gray, Add	0.46	
04 21 13 00-0019	LF	Utility Size Red Brick, Window Sill.....	23.92	
		Note: Utility size brick, 3-5/8" x 3-5/8" x 11-5/8", placed on edge.		
		For Buff Or Gray, Add	0.49	
04 21 13 00-0020	LF	Double Utility Size Red Brick, Window Sill.....	23.92	
		Note: Double utility size brick, 3-5/8" x 7-5/8" x 11-5/8", placed on edge.		
		For Buff Or Gray, Add	0.49	
04 21 13 00-0021	LF	Norman Size Red Brick, Window Sill.....	23.02	
		Note: Norman size brick, 3-5/8" x 2-1/4" x 11-5/8", placed on edge.		
		For Buff Or Gray, Add	0.34	
04 21 13 00-0022	LF	Roman Size Red Brick, Window Sill.....	23.11	
		Note: Roman size brick, 3-5/8" x 1-5/8" x 11-5/8", placed on edge.		
		For Buff Or Gray, Add	0.35	
04 21 26		Glazed Structural Clay Tile Masonry (04 21)		
		Note: Includes tile and mortar in all colors.		
04 21 26 00-0001		6T Series Structural Glazed Clay Tile (04 21 26)		
04 21 26 00-0002		Glazed On One Side 6T Series Structural Glazed Clay Tile (04 21 26 00-0001)		
04 21 26 00-0003	SF	2" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12".....	31.74	
		For Stacked Bond, Add	2.10	
04 21 26 00-0004	SF	4" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12".....	35.47	
		For Stacked Bond, Add	2.10	
04 21 26 00-0005	SF	6" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12".....	43.19	
		For Stacked Bond, Add	2.20	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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04 21 26 00-0006	Special Shapes 6T Series Structural Glazed Clay Tile <small>(04 21 26 00-0001)</small>		
04 21 26 00-0007	LF Bullnose, Jamb Or Sill Shapes 6T Series Structural Glazed Clay Tile.....	33.34	
	<i>For Stacked Bond, Add</i>	2.49	
04 21 26 00-0008	LF 2" Or 4" Cove Base 6T Series Structural Glazed Clay Tile.....	39.56	
	<i>For Stacked Bond, Add</i>	2.49	
04 21 26 00-0009	8W Series Structural Glazed Clay Tile <small>(04 21 26)</small>		
04 21 26 00-0010	Glazed On One Side 8W Series Structural Glazed Clay Tile <small>(04 21 26 00-0009)</small>		
04 21 26 00-0011	SF 2" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16".....	24.80	
	<i>For Stacked Bond, Add</i>	1.34	
04 21 26 00-0012	SF 4" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16".....	30.77	
	<i>For Stacked Bond, Add</i>	1.43	
04 21 26 00-0013	SF 6" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16".....	42.33	
	<i>For Stacked Bond, Add</i>	1.53	
04 21 26 00-0014	Special Shapes 8W Series Structural Glazed Clay Tile <small>(04 21 26 00-0009)</small>		
04 21 26 00-0015	LF Bullnose, Jamb Or Sill Shapes 8W Series Structural Glazed Clay Tile.....	33.88	
	<i>For Stacked Bond, Add</i>	1.72	
04 21 26 00-0016	LF 2" Or 4" Cove Base 8W Series Structural Glazed Clay Tile.....	33.82	
	<i>For Stacked Bond, Add</i>	1.72	
04 21 26 00-0017	4W Series Structural Glazed Clay Tile <small>(04 21 26)</small>		
04 21 26 00-0018	Glazed On One Side 4W Series Structural Glazed Clay Tile <small>(04 21 26 00-0017)</small>		
04 21 26 00-0019	SF 2" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8".....	33.14	
	<i>For Stacked Bond, Add</i>	2.10	
04 21 26 00-0020	SF 4" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8".....	35.00	
	<i>For Stacked Bond, Add</i>	2.10	
04 21 26 00-0021	SF 6" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8".....	43.42	
	<i>For Stacked Bond, Add</i>	2.20	
04 21 26 00-0022	Special Shapes 4W Series Structural Glazed Clay Tile <small>(04 21 26 00-0017)</small>		
04 21 26 00-0023	LF Bullnose, Jamb Or Sill Shapes 4W Series Structural Glazed Clay Tile.....	34.48	
	<i>For Stacked Bond, Add</i>	2.49	
04 21 26 00-0024	LF 2" Or 4" Cove Base 4W Series Structural Glazed Clay Tile.....	39.46	
	<i>For Stacked Bond, Add</i>	2.49	
04 21 26 00-0025	6T Series Sound Absorbing Structural Glazed Tile <small>(04 21 26)</small>		
04 21 26 00-0026	SF 4" Thick, 6T Sound Absorbing Structural Glazed Tile.....	34.31	
04 21 26 00-0027	SF 6" Thick, 6T Sound Absorbing Structural Glazed Tile.....	37.04	
04 21 26 00-0028	SF 8" Thick, 6T Sound Absorbing Structural Glazed Tile.....	43.24	
04 21 26 00-0029	8T Series Sound Absorbing Structural Glazed Tile <small>(04 21 26)</small>		
04 21 26 00-0030	SF 4" Thick, 8T Sound Absorbing Structural Glazed Tile.....	37.69	
04 21 26 00-0031	SF 6" Thick, 8T Sound Absorbing Structural Glazed Tile.....	42.51	
04 21 26 00-0032	SF 8" Thick, 8T Acoustical Glazed Tile.....	50.48	

04 22 Concrete Unit Masonry (04 20)

Note: Includes block and mortar. Excludes horizontal and vertical reinforcing. See CSI section 04 05 19 13-0000 for joint reinforcing.

04 22 23 Architectural Concrete Unit Masonry (04 22)

04 22 23 13 Exposed Aggregate Concrete Unit Masonry (04 22 23)

04 22 23 13-0001	Concrete Blocks <small>(04 22 23 13)</small>		
04 22 23 13-0002	Lightweight Concrete Blocks <small>(04 22 23 13-0001)</small>		
04 22 23 13-0003	Cored, Lightweight, Concrete Blocks <small>(04 22 23 13-0002)</small>		
04 22 23 13-0004	SF 4" x 8" x 16", Cored, Lightweight, Concrete Block.....	11.33	
	<i>For Stacked Bond, Add</i>	2.64	
	<i>For Scored Block, Add</i>	0.23	
	<i>For Curved Wall Application, Add</i>	0.03	
	<i>For <10, Small Area Replacements (Individual Areas), Add</i>	15.33	
04 22 23 13-0005	SF 6" x 8" x 16", Cored, Lightweight, Concrete Block.....	12.47	
	<i>For Stacked Bond, Add</i>	2.86	
	<i>For Scored Block, Add</i>	0.30	
	<i>For Curved Wall Application, Add</i>	2.20	
	<i>For <10, Small Area Replacements (Individual Areas), Add</i>	16.60	
04 22 23 13-0006	SF 8" x 8" x 16", Cored, Lightweight, Concrete Block.....	13.48	
	<i>For Stacked Bond, Add</i>	3.07	
	<i>For Scored Block, Add</i>	0.33	
	<i>For Curved Wall Application, Add</i>	2.36	
	<i>For <10, Small Area Replacements (Individual Areas), Add</i>	17.84	

04 Masonry**04 20 Unit Masonry****04 22 Concrete Unit Masonry**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 22 23 13-0007	SF	10" x 8" x 16", Cored, Lightweight, Concrete Block	14.57
		<i>For Stacked Bond, Add</i>	3.21
		<i>For Scored Block, Add</i>	0.44
		<i>For Curved Wall Application, Add</i>	2.47
		<i>For <10, Small Area Replacements (Individual Areas), Add</i>	18.69
04 22 23 13-0008	SF	12" x 8" x 16", Cored, Lightweight, Concrete Block	17.39
		<i>For Stacked Bond, Add</i>	3.90
		<i>For Scored Block, Add</i>	0.48
		<i>For Curved Wall Application, Add</i>	3.00
		<i>For <10, Small Area Replacements (Individual Areas), Add</i>	22.68
04 22 23 13-0009		Solid, Lightweight, Concrete Blocks (04 22 23 13-0002)	
04 22 23 13-0010	SF	4" x 8" x 16", Solid, Lightweight, Concrete Block	11.98
		<i>For Stacked Bond, Add</i>	2.71
		<i>For Scored Block, Add</i>	0.31
		<i>For Curved Wall Application, Add</i>	2.09
		<i>For <10, Small Area Replacements (Individual Areas), Add</i>	15.76
04 22 23 13-0011	SF	6" x 8" x 16", Solid, Lightweight, Concrete Block	13.14
		<i>For Stacked Bond, Add</i>	2.98
		<i>For Scored Block, Add</i>	0.34
		<i>For Curved Wall Application, Add</i>	2.29
		<i>For <10, Small Area Replacements (Individual Areas), Add</i>	17.32
04 22 23 13-0012	SF	8" x 8" x 16", Solid, Lightweight, Concrete Block	13.91
		<i>For Stacked Bond, Add</i>	3.16
		<i>For Scored Block, Add</i>	0.35
		<i>For Curved Wall Application, Add</i>	2.43
		<i>For <10, Small Area Replacements (Individual Areas), Add</i>	18.39
04 22 23 13-0013	SF	10" x 8" x 16", Solid, Lightweight, Concrete Block	15.15
		<i>For Stacked Bond, Add</i>	3.31
		<i>For Scored Block, Add</i>	0.48
		<i>For Curved Wall Application, Add</i>	2.55
		<i>For <10, Small Area Replacements (Individual Areas), Add</i>	19.29
04 22 23 13-0014	SF	12" x 8" x 16", Solid, Lightweight, Concrete Block	18.07
		<i>For Stacked Bond, Add</i>	4.03
		<i>For Scored Block, Add</i>	0.51
		<i>For Curved Wall Application, Add</i>	3.10
		<i>For <10, Small Area Replacements (Individual Areas), Add</i>	23.44
04 22 23 13-0015		Normal Weight Concrete Blocks (04 22 23 13-0001)	
04 22 23 13-0016		Cored, Normal Weight, Concrete Blocks (04 22 23 13-0015)	
04 22 23 13-0017	SF	4" x 8" x 16", Cored, Normal Weight, Concrete Block	11.60
		<i>For Stacked Bond, Add</i>	2.71
		<i>For Scored Block, Add</i>	0.23
		<i>For Curved Wall Application, Add</i>	2.09
		<i>For <10, Small Area Replacements (Individual Areas), Add</i>	15.73
		<i>For 3,500 PSI, Add</i>	0.25
		<i>For 5,000 PSI, Add</i>	0.42
04 22 23 13-0018	SF	6" x 8" x 16", Cored, Normal Weight, Concrete Block	12.79
		<i>For Stacked Bond, Add</i>	2.98
		<i>For Scored Block, Add</i>	0.27
		<i>For Curved Wall Application, Add</i>	2.29
		<i>For <10, Small Area Replacements (Individual Areas), Add</i>	17.29
		<i>For 3,500 PSI, Add</i>	0.28
		<i>For 5,000 PSI, Add</i>	0.48
04 22 23 13-0019	SF	8" x 8" x 16", Cored, Normal Weight, Concrete Block	13.71
		<i>For Stacked Bond, Add</i>	3.16
		<i>For Scored Block, Add</i>	0.31
		<i>For Curved Wall Application, Add</i>	2.43
		<i>For <10, Small Area Replacements (Individual Areas), Add</i>	18.37
		<i>For 3,500 PSI, Add</i>	0.32
		<i>For 5,000 PSI, Add</i>	0.55
04 22 23 13-0020	SF	10" x 8" x 16", Cored, Normal Weight, Concrete Block	15.70
		<i>For Stacked Bond, Add</i>	3.31
		<i>For Scored Block, Add</i>	0.59
		<i>For Curved Wall Application, Add</i>	2.55
		<i>For <10, Small Area Replacements (Individual Areas), Add</i>	19.33
		<i>For 3,500 PSI, Add</i>	0.62
		<i>For 5,000 PSI, Add</i>	1.07
04 22 23 13-0021	SF	12" x 8" x 16", Cored, Normal Weight, Concrete Block	18.55
		<i>For Stacked Bond, Add</i>	4.03
		<i>For Scored Block, Add</i>	0.61
		<i>For Curved Wall Application, Add</i>	3.10
		<i>For <10, Small Area Replacements (Individual Areas), Add</i>	23.48
		<i>For 3,500 PSI, Add</i>	0.64
		<i>For 5,000 PSI, Add</i>	1.10
04 22 23 13-0022		Solid, Normal Weight, Concrete Blocks (04 22 23 13-0015)	
04 22 23 13-0023	SF	4" x 8" x 16", Solid, Normal Weight, Concrete Block	12.18
		<i>For Stacked Bond, Add</i>	2.78
		<i>For Scored Block, Add</i>	0.30
		<i>For Curved Wall Application, Add</i>	2.14
		<i>For <10, Small Area Replacements (Individual Areas), Add</i>	16.16
		<i>For 3,500 PSI, Add</i>	0.31
		<i>For 5,000 PSI, Add</i>	0.53

MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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04 22 23 13-0024	SF 6" x 8" x 16", Solid, Normal Weight, Concrete Block.....	13.18	
	For Stacked Bond, Add	3.07	
	For Scored Block, Add	0.27	
	For Curved Wall Application, Add	2.36	
	For <10, Small Area Replacements (Individual Areas), Add	17.82	
	For 3,500 PSI, Add	0.29	
	For 5,000 PSI, Add	0.49	
04 22 23 13-0025	SF 8" x 8" x 16", Solid, Normal Weight, Concrete Block.....	14.13	
	For Stacked Bond, Add	3.26	
	For Scored Block, Add	0.32	
	For Curved Wall Application, Add	2.51	
	For <10, Small Area Replacements (Individual Areas), Add	18.93	
	For 3,500 PSI, Add	0.33	
	For 5,000 PSI, Add	0.57	
04 22 23 13-0026	SF 10" x 8" x 16", Solid, Normal Weight, Concrete Block.....	15.29	
	For Stacked Bond, Add	3.42	
	For Scored Block, Add	0.43	
	For Curved Wall Application, Add	2.63	
	For <10, Small Area Replacements (Individual Areas), Add	19.90	
	For 3,500 PSI, Add	0.45	
	For 5,000 PSI, Add	0.77	
04 22 23 13-0027	SF 12" x 8" x 16", Solid, Normal Weight, Concrete Block.....	18.26	
	For Stacked Bond, Add	4.17	
	For Scored Block, Add	0.44	
	For Curved Wall Application, Add	3.21	
	For <10, Small Area Replacements (Individual Areas), Add	24.23	
	For 3,500 PSI, Add	0.47	
	For 5,000 PSI, Add	0.80	

04 22 23 13-0028 Bond Beam Or Lintel Concrete Blocks (04 22 23 13)

04 22 23 13-0029 Lightweight, Bond Beam Or Lintel Concrete Blocks (04 22 23 13-0028)

Note: Excludes concrete fill and reinforcing.

04 22 23 13-0030	LF 6" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block.....	12.81	
	For Stacked Bond, Add	2.86	
	For Grout And Fill With 2 #5 Rebar, Add	7.32	
	For Scored Block, Add	0.36	
	For Curved Wall Application, Add	2.20	
04 22 23 13-0031	LF 8" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block.....	14.01	
	For Stacked Bond, Add	3.07	
	For Grout And Fill With 2 #5 Rebar, Add	8.11	
	For Scored Block, Add	0.44	
	For Curved Wall Application, Add	2.36	
04 22 23 13-0032	LF 12" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block.....	17.35	
	For Stacked Bond, Add	3.90	
	For Grout And Fill With 2 #5 Rebar, Add	9.85	
	For Scored Block, Add	0.47	
	For Curved Wall Application, Add	3.00	

04 22 23 13-0033 Normal Weight, Bond Beam Or Lintel Concrete Blocks (04 22 23 13-0028)

Note: Excludes concrete fill and reinforcing.

04 22 23 13-0034	LF 6" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block.....	13.02	
	For Stacked Bond, Add	2.98	
	For Grout And Fill With 2 #5 Rebar, Add	7.29	
	For Scored Block, Add	0.31	
	For Curved Wall Application, Add	2.29	
	For 3,500 PSI, Add	0.33	
	For 5,000 PSI, Add	0.56	
04 22 23 13-0035	LF 8" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block.....	14.11	
	For Stacked Bond, Add	3.16	
	For Grout And Fill With 2 #5 Rebar, Add	8.03	
	For Scored Block, Add	0.39	
	For Curved Wall Application, Add	2.43	
	For 3,500 PSI, Add	0.41	
	For 5,000 PSI, Add	0.70	
04 22 23 13-0036	LF 12" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block.....	17.58	
	For Stacked Bond, Add	4.03	
	For Grout And Fill With 2 #5 Rebar, Add	9.83	
	For Scored Block, Add	0.42	
	For Curved Wall Application, Add	3.10	
	For 3,500 PSI, Add	0.44	
	For 5,000 PSI, Add	0.75	

04 22 23 23 Prefaced Concrete Unit Masonry (04 22 23)

04 22 23 23-0001 Ground Face Concrete Blocks (04 22 23 23)

04 22 23 23-0002	SF 4" x 8" x 16", Ground Face, Concrete Block.....	14.61	
	For Stacked Bond, Add	3.31	
	For Scored Block, Add	0.37	
	For Curved Wall Application, Add	2.55	
	For <10, Small Area Replacements (Individual Areas), Add	19.25	
04 22 23 23-0003	SF 6" x 8" x 16", Ground Face, Concrete Block.....	16.47	
	For Stacked Bond, Add	3.73	
	For Scored Block, Add	0.43	
	For Curved Wall Application, Add	2.87	
	For <10, Small Area Replacements (Individual Areas), Add	21.67	

04 Masonry
04 20 Unit Masonry
04 22 Concrete Unit Masonry

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

04 22 23 23-0004	SF 8" x 8" x 16", Ground Face, Concrete Block	17.66
	For Stacked Bond, Add	3.94
	For Scored Block, Add	0.50
	For Curved Wall Application, Add	3.03
	For <10, Small Area Replacements (Individual Areas), Add	22.90
04 22 23 23-0005	SF 10" x 8" x 16", Ground Face, Concrete Block	18.84
	For Stacked Bond, Add	4.18
	For Scored Block, Add	0.56
	For Curved Wall Application, Add	3.21
	For <10, Small Area Replacements (Individual Areas), Add	24.30
04 22 23 23-0006	SF 12" x 8" x 16", Ground Face, Concrete Block	22.40
	For Stacked Bond, Add	5.04
	For Scored Block, Add	0.61
	For Curved Wall Application, Add	3.87
	For <10, Small Area Replacements (Individual Areas), Add	29.28

04 22 23 26 Sound-Absorbing Concrete Unit Masonry (04 22 23)

04 22 23 26-0001	Slotted, Acoustical Concrete Block (04 22 23 26)	
04 22 23 26-0002	SF 4" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	17.90
	For Stacked Bond, Add	3.31
	For Curved Wall Application, Add	2.55
	For <10, Small Area Replacements (Individual Areas), Add	19.50
04 22 23 26-0003	SF 6" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	19.89
	For Stacked Bond, Add	3.60
	For Curved Wall Application, Add	2.77
	For <10, Small Area Replacements (Individual Areas), Add	21.21
04 22 23 26-0004	SF 8" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	22.60
	For Stacked Bond, Add	3.94
	For Curved Wall Application, Add	3.03
	For <10, Small Area Replacements (Individual Areas), Add	23.27

04 22 23 29 Split-Face Concrete Unit Masonry (04 22 23)

04 22 23 29-0001	Split Face, Concrete Blocks (04 22 23 29)	
04 22 23 29-0002	Plain Or Scored, Split Face, Concrete Blocks (04 22 23 29-0001)	
04 22 23 29-0003	SF 4" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	14.83
	For Stacked Bond, Add	3.31
	For Curved Wall Application, Add	2.55
	For <10, Small Area Replacements (Individual Areas), Add	19.27
04 22 23 29-0004	SF 6" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	16.73
	For Stacked Bond, Add	3.73
	For Curved Wall Application, Add	2.87
	For <10, Small Area Replacements (Individual Areas), Add	21.69
04 22 23 29-0005	SF 8" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	17.95
	For Stacked Bond, Add	3.94
	For Curved Wall Application, Add	3.03
	For <10, Small Area Replacements (Individual Areas), Add	22.92
04 22 23 29-0006	SF 10" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	19.19
	For Stacked Bond, Add	4.18
	For Curved Wall Application, Add	3.21
	For <10, Small Area Replacements (Individual Areas), Add	24.32
04 22 23 29-0007	SF 12" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	22.61
	For Stacked Bond, Add	5.04
	For Curved Wall Application, Add	3.87
	For <10, Small Area Replacements (Individual Areas), Add	29.30

04 22 23 29-0008 Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Blocks (04 22 23 29-0001)

04 22 23 29-0009	SF 4" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	15.35
	For Stacked Bond, Add	3.31
	For Grout And Fill With 2 #5 Rebar, Add	8.98
	For Curved Wall Application, Add	2.55
	For <10, Small Area Replacements (Individual Areas), Add	19.31
04 22 23 29-0010	SF 6" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	17.32
	For Stacked Bond, Add	3.73
	For Grout And Fill With 2 #5 Rebar, Add	10.15
	For Curved Wall Application, Add	2.87
	For <10, Small Area Replacements (Individual Areas), Add	21.73
04 22 23 29-0011	SF 8" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	18.66
	For Stacked Bond, Add	3.94
	For Grout And Fill With 2 #5 Rebar, Add	11.09
	For Curved Wall Application, Add	3.03
	For <10, Small Area Replacements (Individual Areas), Add	22.97
04 22 23 29-0012	SF 10" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	19.97
	For Stacked Bond, Add	4.18
	For Grout And Fill With 2 #5 Rebar, Add	11.94
	For Curved Wall Application, Add	3.21
	For <10, Small Area Replacements (Individual Areas), Add	24.38
04 22 23 29-0013	SF 12" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	23.42
	For Stacked Bond, Add	5.04
	For Grout And Fill With 2 #5 Rebar, Add	13.74
	For Curved Wall Application, Add	3.87
	For <10, Small Area Replacements (Individual Areas), Add	29.36

04 22 23 29-0014 Split Rib, Concrete Block (04 22 23 29)

MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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04 22 23 29-0015	Split Rib, Concrete Block <small>(04 22 23 29-0014)</small>		
04 22 23 29-0016	SF 4" x 8" x 16", Split Rib, Concrete Block.....	14.66	
	For Stacked Bond, Add	3.31	
	For Curved Wall Application, Add	2.55	
	For <10, Small Area Replacements (Individual Areas), Add	19.25	
04 22 23 29-0017	SF 6" x 8" x 16", Split Rib, Concrete Block.....	17.12	
	For Stacked Bond, Add	3.73	
	For Curved Wall Application, Add	2.87	
	For <10, Small Area Replacements (Individual Areas), Add	21.72	
04 22 23 29-0018	SF 8" x 8" x 16", Split Rib, Concrete Block.....	18.16	
	For Stacked Bond, Add	3.94	
	For Curved Wall Application, Add	3.03	
	For <10, Small Area Replacements (Individual Areas), Add	22.94	
04 22 23 29-0019	SF 10" x 8" x 16", Split Rib, Concrete Block.....	19.35	
	For Stacked Bond, Add	4.18	
	For Curved Wall Application, Add	3.21	
	For <10, Small Area Replacements (Individual Areas), Add	24.34	
04 22 23 29-0020	SF 12" x 8" x 16", Split Rib, Concrete Block.....	22.98	
	For Stacked Bond, Add	5.04	
	For Curved Wall Application, Add	3.87	
	For <10, Small Area Replacements (Individual Areas), Add	29.33	

04 22 23 31 Glazed Concrete Masonry Unit (04 22 23)

04 22 23 31-0001	One Glazed Face, Concrete Blocks <small>(04 22 23 31)</small>		
04 22 23 31-0002	One Glazed Face, Concrete Blocks <small>(04 22 23 31-0001)</small>		
04 22 23 31-0003	SF 4" x 8" x 16", One Glazed Face, Concrete Block.....	21.60	
	For Stacked Bond, Add	3.21	
	For Curved Wall Application, Add	2.47	
	For <10, Small Area Replacements (Individual Areas), Add	19.22	
04 22 23 31-0004	SF 6" x 8" x 16", One Glazed Face, Concrete Block.....	23.28	
	For Stacked Bond, Add	3.54	
	For Curved Wall Application, Add	2.72	
	For <10, Small Area Replacements (Individual Areas), Add	21.13	
04 22 23 31-0005	SF 8" x 8" x 16", One Glazed Face, Concrete Block.....	24.64	
	For Stacked Bond, Add	3.73	
	For Curved Wall Application, Add	2.87	
	For <10, Small Area Replacements (Individual Areas), Add	22.28	
04 22 23 31-0006	SF 10" x 8" x 16", One Glazed Face, Concrete Block.....	26.07	
	For Stacked Bond, Add	3.94	
	For Curved Wall Application, Add	3.03	
	For <10, Small Area Replacements (Individual Areas), Add	23.53	
04 22 23 31-0007	SF 12" x 8" x 16", One Glazed Face, Concrete Block.....	29.70	
	For Stacked Bond, Add	4.74	
	For Curved Wall Application, Add	3.65	
	For <10, Small Area Replacements (Individual Areas), Add	28.22	

04 22 23 31-0008	Two Glazed Faces, Concrete Blocks <small>(04 22 23 31)</small>		
04 22 23 31-0009	Two Glazed Faces, Concrete Blocks <small>(04 22 23 31-0008)</small>		
04 22 23 31-0010	SF 4" x 8" x 16", Two Glazed Faces, Concrete Block.....	27.83	
	For Stacked Bond, Add	3.66	
	For Curved Wall Application, Add	2.82	
	For <10, Small Area Replacements (Individual Areas), Add	22.17	
04 22 23 31-0011	SF 6" x 8" x 16", Two Glazed Faces, Concrete Block.....	29.33	
	For Stacked Bond, Add	3.94	
	For Curved Wall Application, Add	3.03	
	For <10, Small Area Replacements (Individual Areas), Add	23.77	
04 22 23 31-0012	SF 8" x 8" x 16", Two Glazed Faces, Concrete Block.....	31.52	
	For Stacked Bond, Add	4.35	
	For Curved Wall Application, Add	3.34	
	For <10, Small Area Replacements (Individual Areas), Add	26.19	

04 23 Glass Unit Masonry (04 20)

04 23 13 Vertical Glass Unit Masonry (04 23)
Note: Includes 1/4" mortar joints and caulking. Excludes joint reinforcement and anchors.

04 23 13 00-0001	Glass Block Unit Masonry <small>(04 23 13)</small>		
04 23 13 00-0002	SF 6" x 6" x 4" Plain Glass Block.....	71.30	
	For Solar Reflective (Suntrol) Blocks, Add	13.58	
	For Essex (Horizontal Striated) Blocks, Add	7.76	
	For Sculptured Or Patterned Blocks, Add	13.58	
	For Colored Glass, Add	38.81	
	For Thinline Block, Deduct	-9.70	
	For >1,000 To 5,000, Deduct	-5.17	
	For >5,000, Deduct	-8.73	
04 23 13 00-0003	SF 8" x 8" x 4" Plain Glass Block.....	51.36	
	For Solar Reflective (Suntrol) Blocks, Add	9.61	
	For Essex (Horizontal Striated) Blocks, Add	5.49	
	For Sculptured Or Patterned Blocks, Add	9.61	
	For Colored Glass, Add	27.47	
	For Thinline Block, Deduct	-6.87	
	For >1,000 To 5,000, Deduct	-3.75	
	For >5,000, Deduct	-6.31	

04 Masonry
04 20 Unit Masonry
04 23 Glass Unit Masonry

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

04 23 13 00-0004	SF	12" x 12" x 4" Plain Glass Block.....	57.08	
		<i>For Solar Reflective (Suntrol) Blocks, Add</i>	12.29	
		<i>For Essex (Horizontal Striated) Blocks, Add</i>	7.02	
		<i>For Sculptured Or Patterned Blocks, Add</i>	12.29	
		<i>For Colored Glass, Add</i>	35.10	
		<i>For Thinline Block, Deduct</i>	-8.78	
		<i>For >1,000 To 5,000, Deduct</i>	-3.94	
		<i>For >5,000, Deduct</i>	-6.79	
04 23 13 00-0005		Solid Glass Block (Vistabrik®) (04 23 13)		
04 23 13 00-0006	SF	3" x 8" x 3" Solid Glass Block (Vistabrik®).....	682.16	
04 23 13 00-0007	SF	4" x 8" x 3" Solid Glass Block (Vistabrik®).....	517.58	
04 23 13 00-0008	SF	6" x 8" x 3" Solid Glass Block (Vistabrik®).....	354.97	
04 23 13 00-0009	SF	8" x 8" x 3" Solid Glass Block (Vistabrik®).....	248.62	

04 40 Stone Assemblies (04)

Note: Includes pointing and cleaning of new stone and mortar. All stone prices include material and mortar.

04 41 Dry-Placed Stone (04 40)

04 41 00 00-0001		Ashlar Veneer, Random Size, Square Cut Rough Stone (04 41)		
04 41 00 00-0002	SF	4" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone.....	26.00	8.02
04 41 00 00-0003	SF	6" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone.....	26.43	8.02

04 42 Exterior Stone Cladding (04 40)

04 42 43 Stone Panels for Curtain Walls (04 42)

04 42 43 00-0001		Marble Facing Panels (04 42 43)		
		Note: 3' x 1.5'		
04 42 43 00-0002	SF	3/4" Thick Marble Facing Panels.....	77.55	17.12
04 42 43 00-0003	SF	7/8" Thick Marble Facing Panels.....	82.16	17.33
04 42 43 00-0004	SF	1-1/2" Thick Marble Facing Panels.....	95.64	17.67
04 42 43 00-0005	SF	2" Thick Marble Facing Panels.....	105.49	18.22
04 42 43 00-0006	SF	2-1/4" Thick Marble Facing Panels.....	112.45	19.33
04 42 43 00-0007	CF	Marble Face Panel.....	480.15	62.95
04 42 43 00-0008		Smooth Limestone Panels (04 42 43)		
		Note: Up to 12' x 5' panels.		
04 42 43 00-0009	SF	1-1/2" Thick Smooth Limestone Panels.....	58.00	34.34
04 42 43 00-0010	SF	2" Thick Smooth Limestone Panels.....	61.45	36.00
04 42 43 00-0011	SF	3" Thick Smooth Limestone Panels.....	65.06	37.66
04 42 43 00-0012	SF	4" Thick Smooth Limestone Panels.....	75.04	41.41
04 42 43 00-0013		Sandstone Panels (04 42 43)		
04 42 43 00-0014	SF	2-1/2" Thick Sandstone Panels.....	65.99	36.00
04 42 43 00-0015	SF	4" Thick Sandstone Panels.....	72.75	41.41
04 42 43 00-0016	SF	Split Face Sandstone Panels, Random Sizes.....	67.37	41.41

04 43 Stone Masonry (04 40)

04 43 16 Stone Fabrications (04 43)

04 43 16 00-0001		Marble (04 43 16)		
04 43 16 00-0002		Marble Base (04 43 16 00-0001)		
		Note: 1" thick.		
04 43 16 00-0003	LF	4" High Marble Base.....	111.03	68.85
04 43 16 00-0004	LF	6" High Marble Base.....	126.58	74.99
04 43 16 00-0005		Marble Columns (04 43 16 00-0001)		
04 43 16 00-0006	CF	Plain Faced Solid Marble Columns.....	324.74	62.95
04 43 16 00-0007	CF	Fluted, Carved Solid Marble Columns.....	553.07	62.95
04 43 16 00-0008		Marble Flooring (04 43 16 00-0001)		
04 43 16 00-0009	SF	3/8" Uniform Color Marble Flooring.....	31.84	15.76
04 43 16 00-0010	SF	1/2" Uniform Color Marble Flooring.....	34.37	15.76
04 43 16 00-0011	SF	1/2" Travertine Marble Flooring.....	41.39	18.00
04 43 16 00-0012		Marble Items (04 43 16 00-0001)		
04 43 16 00-0013	LF	12" Wide Marble Stair Treads.....	88.09	25.04
04 43 16 00-0014	LF	6" Wide Marble Stair Risers.....	66.90	20.07
04 43 16 00-0015	LF	6" Wide x 2" Thick Marble Window Sills.....	39.39	14.74
04 43 16 00-0016	LF	5" Wide x 7/8" Thick Marble Window Stool, Polished.....	78.66	18.09
04 43 16 00-0017	SF	7/8" Thick, Non Skid, Marble Patio Blocks.....	42.15	22.85

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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04 43 16 00-0018				Limestone (04 43 16)		
04 43 16 00-0019				Ashlar Veneer Limestone (04 43 16 00-0018)		
04 43 16 00-0020	SF			4" Ashlar Veneer Limestone, Random Sizes	57.55	25.04
04 43 16 00-0021	SF			6" To 8" Thick, Pitched Face Ashlar Veneer Limestone, Random Sizes	86.78	34.40
04 43 16 00-0022				Limestone Items (04 43 16 00-0018)		
04 43 16 00-0023	CF			Sawn Edge Limestone Block, Sill, Lintel, Jamb And Other Trim	176.07	83.95
04 43 16 00-0024				Limestone Coping (04 43 16 00-0018)		
				Note: Measured from the highest point. Includes drilling into existing materials, caulk and ties.		
04 43 16 00-0025	SF			2-1/2" Thick Limestone Coping	28.03	8.84
04 43 16 00-0026	SF			3" Thick Limestone Coping	31.22	9.39
04 43 16 00-0027	SF			3-1/2" Thick Limestone Coping	34.39	9.94
04 43 16 00-0028	SF			4" Thick Limestone Coping	36.46	10.27
04 43 16 00-0029	SF			5" Thick Limestone Coping	41.72	10.49
04 43 16 00-0030	SF			6" Thick Limestone Coping	59.16	11.04
04 43 16 00-0031	CF			>6" Thick Limestone Coping	97.33	22.38
04 43 16 00-0032				Limestone Stair Treads (04 43 16 00-0018)		
04 43 16 00-0033	SF			2" Thick Limestone Treads	34.26	8.28
04 43 16 00-0034	SF			2-1/2" Thick Limestone Treads	36.36	8.84
04 43 16 00-0035	SF			3" Thick Limestone Treads	40.53	9.39
04 43 16 00-0036	SF			3-1/2" Thick Limestone Treads	43.60	9.94
04 43 16 00-0037	SF			4" Thick Limestone Treads	46.68	9.94
04 43 16 00-0038	SF			5" Thick Limestone Treads	50.61	10.49
04 43 16 00-0039	SF			6" Thick Limestone Tread, Smooth Finish	68.35	11.04
04 43 16 00-0040				Granite (04 43 16)		
04 43 16 00-0041				Polished Granite Veneer Facing Panels (04 43 16 00-0040)		
				Note: Excludes structural support steel.		
04 43 16 00-0042	SF			7/8" Thick Black Polished Granite Veneer Facing Panels	96.41	34.57
04 43 16 00-0043	SF			7/8" Thick Gray Polished Granite Veneer Facing Panels	88.44	34.57
04 43 16 00-0044				Granite Stair Treads (04 43 16 00-0040)		
04 43 16 00-0045	SF			2" Thick Granite Stair Tread	56.15	8.28
04 43 16 00-0046				Slate (04 43 16)		
04 43 16 00-0047				Slate Panels Or Sills (04 43 16 00-0046)		
04 43 16 00-0048	SF			1" Thick Slate Panels	59.70	34.57
04 43 16 00-0049	SF			2" Thick Slate Panels	68.53	34.57
04 43 16 00-0050				Slate Sills Or Stools (04 43 16 00-0046)		
04 43 16 00-0051	LF			6" Wide, 1" Thick Slate Sills Or Stools With Sand Finish	26.99	14.83
04 43 16 00-0052	LF			10" Wide, 1" Thick Slate Sills Or Stools With Sand Finish	32.61	14.83
04 43 16 00-0053	LF			6" Wide, 2" Thick Slate Sills Or Stools With Sand Finish	31.82	14.83
04 43 16 00-0054	LF			10" Wide, 2" Thick Slate Sills Or Stools With Sand Finish	43.87	14.83
04 43 16 00-0055				Slate Stair Treads (04 43 16 00-0046)		
04 43 16 00-0056	SF			2" Thick Slate Stair Tread	39.73	8.28

04 70 Manufactured Masonry (04)

04 72 Cast Stone Masonry (04 70)

04 72 00 00-0001				Precast Concrete Lintels (04 72)		
04 72 00 00-0002				Solid Precast Concrete Lintels (04 72 00 00-0001)		
04 72 00 00-0003	LF			4" x 8", Solid Precast Concrete Lintel	17.19	
04 72 00 00-0004	LF			6" x 8", Solid Precast Concrete Lintel	21.98	
04 72 00 00-0005	LF			8" x 8", Solid Precast Concrete Lintel	27.19	
04 72 00 00-0006				U Shaped Precast Concrete Lintels (04 72 00 00-0001)		
				Note: Excludes concrete fill and field added reinforcing. See CSI section 04 05 16 26-0001 for concrete fill.		
04 72 00 00-0007	LF			6" x 8", U Shaped Precast Concrete Lintel	18.44	
04 72 00 00-0008	LF			8" x 8", U Shaped Precast Concrete Lintel	22.39	
04 72 00 00-0009	LF			12" x 8", U Shaped Precast Concrete Lintel	36.99	
04 72 00 00-0010				Precast Concrete Coping (04 72)		
				Note: Includes caulk and ties. Excludes drilling into existing materials or other anchoring bolts. See CSI section 04 43 00 00-0000 for stone coping, 07 62 00 00-0000 for metal copings.		

04 Masonry**04 70 Manufactured Masonry****04 72 Cast Stone Masonry**
 MINOR
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04 72 00 00-0011		Precast Concrete Coping <small>(04 72 00 00-0010)</small>		
		Note: Measured at highest point.		
04 72 00 00-0012	SF	2" Thick Precast Concrete Coping	41.76	12.13
04 72 00 00-0013	SF	2-1/2" Thick Precast Concrete Coping	45.48	13.06
04 72 00 00-0014	SF	3" Thick Precast Concrete Coping	51.71	13.99
04 72 00 00-0015	SF	3-1/2" Thick Precast Concrete Coping	54.60	14.93
04 72 00 00-0016	SF	4" Thick Precast Concrete Coping	57.51	15.85
04 72 00 00-0017	SF	5" Thick Precast Concrete Coping	66.74	16.79
04 72 00 00-0018	SF	6" Thick Precast Concrete Coping	74.48	17.72
04 72 00 00-0019		Precast Concrete Window Sills <small>(04 72)</small>		
		Note: Includes caulk and ties.		
04 72 00 00-0020		Precast Concrete Window Sills <small>(04 72 00 00-0019)</small>		
04 72 00 00-0021	LF	6" Wide Precast Concrete Window Sill	29.76	9.33
04 72 00 00-0022	LF	10" Wide Precast Concrete Window Sill	40.93	9.33
04 72 00 00-0023	LF	14" Wide Precast Concrete Window Sill	46.73	9.33

END OF SECTION 04

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 Metals

05 05 Common Work Results for Metals ⁽⁰⁵⁾

05 05 19 Post-Installed Concrete Anchors ^(05 05 19)

See CSI section 03 15 19 00-0000 for cast-in concrete anchors.

05 05 19 00-0001	Concrete And Masonry Anchors ^(05 05 19)		
05 05 19 00-0002	Expansion Anchors ^(05 05 19 00-0001)		
	Note: Includes drilling.		
05 05 19 00-0003	Wedge Expansion Bolt Anchors ^(05 05 19 00-0002)		
05 05 19 00-0004	Zinc Plated Steel, Wedge Anchor Expansion Bolt ^(05 05 19 00-0003)		
	Note: Includes nut and washer.		
05 05 19 00-0005	EA 1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	12.08	
	For >10 To 50, Deduct	-0.57	
	For >50 To 100, Deduct	-1.16	
	For >100, Deduct	-2.33	
05 05 19 00-0006	EA 1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	12.18	
	For >10 To 50, Deduct	-0.57	
	For >50 To 100, Deduct	-1.17	
	For >100, Deduct	-2.33	
05 05 19 00-0007	EA 1/4" Diameter x 3-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	12.54	
	For >10 To 50, Deduct	-0.59	
	For >50 To 100, Deduct	-1.20	
	For >100, Deduct	-2.39	
05 05 19 00-0008	EA 3/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	14.82	
	For >10 To 50, Deduct	-0.70	
	For >50 To 100, Deduct	-1.42	
	For >100, Deduct	-2.84	
05 05 19 00-0009	EA 3/8" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	14.88	
	For >10 To 50, Deduct	-0.70	
	For >50 To 100, Deduct	-1.42	
	For >100, Deduct	-2.84	
05 05 19 00-0010	EA 3/8" Diameter x 3" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	14.90	
	For >10 To 50, Deduct	-0.70	
	For >50 To 100, Deduct	-1.42	
	For >100, Deduct	-2.84	
05 05 19 00-0011	EA 3/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	15.18	
	For >10 To 50, Deduct	-0.70	
	For >50 To 100, Deduct	-1.43	
	For >100, Deduct	-2.85	
05 05 19 00-0012	EA 1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	21.40	
	For >10 To 50, Deduct	-0.99	
	For >50 To 100, Deduct	-2.02	
	For >100, Deduct	-4.05	
05 05 19 00-0013	EA 1/2" Diameter x 3-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	21.45	
	For >10 To 50, Deduct	-0.99	
	For >50 To 100, Deduct	-2.03	
	For >100, Deduct	-4.05	
05 05 19 00-0014	EA 1/2" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	21.57	
	For >10 To 50, Deduct	-0.99	
	For >50 To 100, Deduct	-2.03	
	For >100, Deduct	-4.06	
05 05 19 00-0015	EA 1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	21.87	
	For >10 To 50, Deduct	-0.99	
	For >50 To 100, Deduct	-2.04	
	For >100, Deduct	-4.07	
05 05 19 00-0016	EA 1/2" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	22.29	
	For >10 To 50, Deduct	-0.99	
	For >50 To 100, Deduct	-2.05	
	For >100, Deduct	-4.09	
05 05 19 00-0017	EA 5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	27.62	
	For >10 To 50, Deduct	-1.23	
	For >50 To 100, Deduct	-2.53	
	For >100, Deduct	-5.06	
05 05 19 00-0018	EA 5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	27.71	
	For >10 To 50, Deduct	-1.23	
	For >50 To 100, Deduct	-2.53	
	For >100, Deduct	-5.06	
05 05 19 00-0019	EA 5/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	27.90	
	For >10 To 50, Deduct	-1.23	
	For >50 To 100, Deduct	-2.54	
	For >100, Deduct	-5.07	
05 05 19 00-0020	EA 5/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	28.28	
	For >10 To 50, Deduct	-1.23	
	For >50 To 100, Deduct	-2.54	
	For >100, Deduct	-5.09	
05 05 19 00-0021	EA 5/8" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	28.65	
	For >10 To 50, Deduct	-1.23	
	For >50 To 100, Deduct	-2.55	
	For >100, Deduct	-5.11	
05 05 19 00-0022	EA 5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	31.62	
	For >10 To 50, Deduct	-1.23	
	For >50 To 100, Deduct	-2.63	
	For >100, Deduct	-5.26	

05 Metals**05 05 Common Work Results for Metals****05 05 19 Post-Installed Concrete Anchors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 19 00-0023	EA	5/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	34.17	
		<i>For >10 To 50, Deduct</i>	-1.23	
		<i>For >50 To 100, Deduct</i>	-2.69	
		<i>For >100, Deduct</i>	-5.38	
05 05 19 00-0024	EA	3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	33.27	
		<i>For >10 To 50, Deduct</i>	-1.46	
		<i>For >50 To 100, Deduct</i>	-3.02	
		<i>For >100, Deduct</i>	-6.04	
05 05 19 00-0025	EA	3/4" Diameter x 4-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	33.35	
		<i>For >10 To 50, Deduct</i>	-1.46	
		<i>For >50 To 100, Deduct</i>	-3.02	
		<i>For >100, Deduct</i>	-6.04	
05 05 19 00-0026	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	33.80	
		<i>For >10 To 50, Deduct</i>	-1.46	
		<i>For >50 To 100, Deduct</i>	-3.03	
		<i>For >100, Deduct</i>	-6.06	
05 05 19 00-0027	EA	3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	34.35	
		<i>For >10 To 50, Deduct</i>	-1.46	
		<i>For >50 To 100, Deduct</i>	-3.05	
		<i>For >100, Deduct</i>	-6.09	
05 05 19 00-0028	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	34.97	
		<i>For >10 To 50, Deduct</i>	-1.46	
		<i>For >50 To 100, Deduct</i>	-3.06	
		<i>For >100, Deduct</i>	-6.12	
05 05 19 00-0029	EA	3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	37.35	
		<i>For >10 To 50, Deduct</i>	-1.46	
		<i>For >50 To 100, Deduct</i>	-3.12	
		<i>For >100, Deduct</i>	-6.24	
05 05 19 00-0030	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	40.51	
		<i>For >10 To 50, Deduct</i>	-1.46	
		<i>For >50 To 100, Deduct</i>	-3.20	
		<i>For >100, Deduct</i>	-6.40	
05 05 19 00-0031	EA	3/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	44.08	
		<i>For >10 To 50, Deduct</i>	-1.46	
		<i>For >50 To 100, Deduct</i>	-3.29	
		<i>For >100, Deduct</i>	-6.58	
05 05 19 00-0032	EA	7/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	43.41	
		<i>For >10 To 50, Deduct</i>	-1.58	
		<i>For >50 To 100, Deduct</i>	-3.46	
		<i>For >100, Deduct</i>	-6.92	
05 05 19 00-0033	EA	7/8" Diameter x 8" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	45.28	
		<i>For >10 To 50, Deduct</i>	-1.58	
		<i>For >50 To 100, Deduct</i>	-3.50	
		<i>For >100, Deduct</i>	-7.01	
05 05 19 00-0034	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	47.77	
		<i>For >10 To 50, Deduct</i>	-1.58	
		<i>For >50 To 100, Deduct</i>	-3.57	
		<i>For >100, Deduct</i>	-7.13	
05 05 19 00-0035	EA	1" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	54.02	
		<i>For >10 To 50, Deduct</i>	-2.05	
		<i>For >50 To 100, Deduct</i>	-4.42	
		<i>For >100, Deduct</i>	-8.84	
05 05 19 00-0036	EA	1" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	57.56	
		<i>For >10 To 50, Deduct</i>	-2.05	
		<i>For >50 To 100, Deduct</i>	-4.51	
		<i>For >100, Deduct</i>	-9.02	
05 05 19 00-0037	EA	1" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	61.06	
		<i>For >10 To 50, Deduct</i>	-2.05	
		<i>For >50 To 100, Deduct</i>	-4.60	
		<i>For >100, Deduct</i>	-9.19	
05 05 19 00-0038	EA	1-1/4" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	70.23	
		<i>For >10 To 50, Deduct</i>	-2.62	
		<i>For >50 To 100, Deduct</i>	-5.69	
		<i>For >100, Deduct</i>	-11.37	
05 05 19 00-0039	EA	1-1/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	72.75	
		<i>For >10 To 50, Deduct</i>	-2.62	
		<i>For >50 To 100, Deduct</i>	-5.75	
		<i>For >100, Deduct</i>	-11.50	

05 05 19 00-0040 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt (05 05 19 00-0003)

Note: Includes nut and washer.

05 05 19 00-0041	EA	1/4" Diameter x 1-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	13.88	
		<i>For >10 To 50, Deduct</i>	-0.57	
		<i>For >50 To 100, Deduct</i>	-1.21	
		<i>For >100, Deduct</i>	-2.42	
05 05 19 00-0042	EA	1/4" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	14.44	
		<i>For >10 To 50, Deduct</i>	-0.57	
		<i>For >50 To 100, Deduct</i>	-1.22	
		<i>For >100, Deduct</i>	-2.44	
05 05 19 00-0043	EA	1/4" Diameter x 3-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	15.08	
		<i>For >10 To 50, Deduct</i>	-0.59	
		<i>For >50 To 100, Deduct</i>	-1.26	
		<i>For >100, Deduct</i>	-2.52	
05 05 19 00-0044	EA	3/8" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	17.99	
		<i>For >10 To 50, Deduct</i>	-0.70	
		<i>For >50 To 100, Deduct</i>	-1.50	
		<i>For >100, Deduct</i>	-2.99	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0045	EA	3/8" Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	18.47	
		<i>For >10 To 50, Deduct</i>	-0.70	
		<i>For >50 To 100, Deduct</i>	-1.51	
		<i>For >100, Deduct</i>	-3.02	
05 05 19 00-0046	EA	3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	18.81	
		<i>For >10 To 50, Deduct</i>	-0.70	
		<i>For >50 To 100, Deduct</i>	-1.52	
		<i>For >100, Deduct</i>	-3.03	
05 05 19 00-0047	EA	3/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	21.42	
		<i>For >10 To 50, Deduct</i>	-0.70	
		<i>For >50 To 100, Deduct</i>	-1.58	
		<i>For >100, Deduct</i>	-3.16	
05 05 19 00-0048	EA	1/2" Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	28.30	
		<i>For >10 To 50, Deduct</i>	-0.99	
		<i>For >50 To 100, Deduct</i>	-2.20	
		<i>For >100, Deduct</i>	-4.39	
05 05 19 00-0049	EA	1/2" Diameter x 3-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	29.20	
		<i>For >10 To 50, Deduct</i>	-0.99	
		<i>For >50 To 100, Deduct</i>	-2.22	
		<i>For >100, Deduct</i>	-4.44	
05 05 19 00-0050	EA	1/2" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	29.72	
		<i>For >10 To 50, Deduct</i>	-0.99	
		<i>For >50 To 100, Deduct</i>	-2.23	
		<i>For >100, Deduct</i>	-4.46	
05 05 19 00-0051	EA	1/2" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	32.10	
		<i>For >10 To 50, Deduct</i>	-0.99	
		<i>For >50 To 100, Deduct</i>	-2.29	
		<i>For >100, Deduct</i>	-4.58	
05 05 19 00-0052	EA	1/2" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	35.67	
		<i>For >10 To 50, Deduct</i>	-0.99	
		<i>For >50 To 100, Deduct</i>	-2.38	
		<i>For >100, Deduct</i>	-4.76	
05 05 19 00-0053	EA	5/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	41.63	
		<i>For >10 To 50, Deduct</i>	-1.23	
		<i>For >50 To 100, Deduct</i>	-2.88	
		<i>For >100, Deduct</i>	-5.76	
05 05 19 00-0054	EA	5/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	43.95	
		<i>For >10 To 50, Deduct</i>	-1.23	
		<i>For >50 To 100, Deduct</i>	-2.94	
		<i>For >100, Deduct</i>	-5.87	
05 05 19 00-0055	EA	5/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	46.46	
		<i>For >10 To 50, Deduct</i>	-1.23	
		<i>For >50 To 100, Deduct</i>	-3.00	
		<i>For >100, Deduct</i>	-6.00	
05 05 19 00-0056	EA	5/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	49.81	
		<i>For >10 To 50, Deduct</i>	-1.23	
		<i>For >50 To 100, Deduct</i>	-3.08	
		<i>For >100, Deduct</i>	-6.17	
05 05 19 00-0057	EA	5/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	64.47	
		<i>For >10 To 50, Deduct</i>	-1.23	
		<i>For >50 To 100, Deduct</i>	-3.45	
		<i>For >100, Deduct</i>	-6.90	
05 05 19 00-0058	EA	3/4" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	49.71	
		<i>For >10 To 50, Deduct</i>	-1.46	
		<i>For >50 To 100, Deduct</i>	-3.43	
		<i>For >100, Deduct</i>	-6.86	
05 05 19 00-0059	EA	3/4" Diameter x 4-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	54.44	
		<i>For >10 To 50, Deduct</i>	-1.46	
		<i>For >50 To 100, Deduct</i>	-3.55	
		<i>For >100, Deduct</i>	-7.09	
05 05 19 00-0060	EA	3/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	58.47	
		<i>For >10 To 50, Deduct</i>	-1.46	
		<i>For >50 To 100, Deduct</i>	-3.65	
		<i>For >100, Deduct</i>	-7.30	
05 05 19 00-0061	EA	3/4" Diameter x 6-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	58.97	
		<i>For >10 To 50, Deduct</i>	-1.46	
		<i>For >50 To 100, Deduct</i>	-3.66	
		<i>For >100, Deduct</i>	-7.32	
05 05 19 00-0062	EA	3/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	62.75	
		<i>For >10 To 50, Deduct</i>	-1.46	
		<i>For >50 To 100, Deduct</i>	-3.76	
		<i>For >100, Deduct</i>	-7.51	
05 05 19 00-0063	EA	3/4" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	72.58	
		<i>For >10 To 50, Deduct</i>	-1.46	
		<i>For >50 To 100, Deduct</i>	-4.00	
		<i>For >100, Deduct</i>	-8.00	
05 05 19 00-0064	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	86.44	
		<i>For >10 To 50, Deduct</i>	-1.46	
		<i>For >50 To 100, Deduct</i>	-4.35	
		<i>For >100, Deduct</i>	-8.69	
05 05 19 00-0065	EA	7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	86.35	
		<i>For >10 To 50, Deduct</i>	-1.58	
		<i>For >50 To 100, Deduct</i>	-4.53	
		<i>For >100, Deduct</i>	-9.06	
05 05 19 00-0066	EA	1" Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	126.75	
		<i>For >10 To 50, Deduct</i>	-2.05	
		<i>For >50 To 100, Deduct</i>	-6.24	
		<i>For >100, Deduct</i>	-12.48	

05 Metals**05 05 Common Work Results for Metals****05 05 19 Post-Installed Concrete Anchors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 19 00-0067	EA	1" Diameter x 9" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	147.26	
		<i>For >10 To 50, Deduct</i>	-2.05	
		<i>For >50 To 100, Deduct</i>	-6.75	
		<i>For >100, Deduct</i>	-13.50	
05 05 19 00-0068		316 Stainless Steel, Wedge Anchor Expansion Bolt <small>(05 05 19 00-0003)</small>		
		Note: Includes nut and washer.		
05 05 19 00-0069	EA	1/4" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	14.36	
		<i>For >10 To 50, Deduct</i>	-0.57	
		<i>For >50 To 100, Deduct</i>	-1.22	
		<i>For >100, Deduct</i>	-2.44	
05 05 19 00-0070	EA	1/4" Diameter x 3-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	15.29	
		<i>For >10 To 50, Deduct</i>	-0.59	
		<i>For >50 To 100, Deduct</i>	-1.27	
		<i>For >100, Deduct</i>	-2.53	
05 05 19 00-0071	EA	3/8" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	19.55	
		<i>For >10 To 50, Deduct</i>	-0.70	
		<i>For >50 To 100, Deduct</i>	-1.54	
		<i>For >100, Deduct</i>	-3.07	
05 05 19 00-0072	EA	3/8" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	20.37	
		<i>For >10 To 50, Deduct</i>	-0.70	
		<i>For >50 To 100, Deduct</i>	-1.56	
		<i>For >100, Deduct</i>	-3.11	
05 05 19 00-0073	EA	3/8" Diameter x 3" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	20.57	
		<i>For >10 To 50, Deduct</i>	-0.70	
		<i>For >50 To 100, Deduct</i>	-1.56	
		<i>For >100, Deduct</i>	-3.12	
05 05 19 00-0074	EA	3/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	24.51	
		<i>For >10 To 50, Deduct</i>	-0.70	
		<i>For >50 To 100, Deduct</i>	-1.66	
		<i>For >100, Deduct</i>	-3.32	
05 05 19 00-0075	EA	1/2" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	32.06	
		<i>For >10 To 50, Deduct</i>	-0.99	
		<i>For >50 To 100, Deduct</i>	-2.29	
		<i>For >100, Deduct</i>	-4.58	
05 05 19 00-0076	EA	1/2" Diameter x 3-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	34.35	
		<i>For >10 To 50, Deduct</i>	-0.99	
		<i>For >50 To 100, Deduct</i>	-2.35	
		<i>For >100, Deduct</i>	-4.70	
05 05 19 00-0077	EA	1/2" Diameter x 4-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	38.49	
		<i>For >10 To 50, Deduct</i>	-0.99	
		<i>For >50 To 100, Deduct</i>	-2.45	
		<i>For >100, Deduct</i>	-4.90	
05 05 19 00-0078	EA	1/2" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	39.53	
		<i>For >10 To 50, Deduct</i>	-0.99	
		<i>For >50 To 100, Deduct</i>	-2.48	
		<i>For >100, Deduct</i>	-4.95	
05 05 19 00-0079	EA	5/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	54.34	
		<i>For >10 To 50, Deduct</i>	-1.23	
		<i>For >50 To 100, Deduct</i>	-3.20	
		<i>For >100, Deduct</i>	-6.39	
05 05 19 00-0080	EA	5/8" Diameter x 7" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	55.58	
		<i>For >10 To 50, Deduct</i>	-1.23	
		<i>For >50 To 100, Deduct</i>	-3.23	
		<i>For >100, Deduct</i>	-6.45	
05 05 19 00-0081	EA	3/4" Diameter x 4-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	67.49	
		<i>For >10 To 50, Deduct</i>	-1.46	
		<i>For >50 To 100, Deduct</i>	-3.87	
		<i>For >100, Deduct</i>	-7.75	
05 05 19 00-0082	EA	3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	72.68	
		<i>For >10 To 50, Deduct</i>	-1.46	
		<i>For >50 To 100, Deduct</i>	-4.00	
		<i>For >100, Deduct</i>	-8.01	
05 05 19 00-0083		Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt <small>(05 05 19 00-0003)</small>		
		Note: Includes nut and washer.		
05 05 19 00-0084	EA	1/2" Diameter x 2-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	23.87	
		<i>For >10 To 50, Deduct</i>	-0.99	
		<i>For >50 To 100, Deduct</i>	-2.09	
		<i>For >100, Deduct</i>	-4.17	
05 05 19 00-0085	EA	1/2" Diameter x 4-1/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	24.94	
		<i>For >10 To 50, Deduct</i>	-0.99	
		<i>For >50 To 100, Deduct</i>	-2.11	
		<i>For >100, Deduct</i>	-4.22	
05 05 19 00-0086	EA	1/2" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	26.00	
		<i>For >10 To 50, Deduct</i>	-0.99	
		<i>For >50 To 100, Deduct</i>	-2.14	
		<i>For >100, Deduct</i>	-4.28	
05 05 19 00-0087	EA	1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	26.53	
		<i>For >10 To 50, Deduct</i>	-0.99	
		<i>For >50 To 100, Deduct</i>	-2.15	
		<i>For >100, Deduct</i>	-4.30	
05 05 19 00-0088	EA	5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	32.13	
		<i>For >10 To 50, Deduct</i>	-1.23	
		<i>For >50 To 100, Deduct</i>	-2.64	
		<i>For >100, Deduct</i>	-5.28	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST
05 05 19 00-0089	EA			5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	30.86	
				<i>For >10 To 50, Deduct</i>	-1.23	
				<i>For >50 To 100, Deduct</i>	-2.61	
				<i>For >100, Deduct</i>	-5.22	
05 05 19 00-0090	EA			3/4" Diameter x 4-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	41.03	
				<i>For >10 To 50, Deduct</i>	-1.46	
				<i>For >50 To 100, Deduct</i>	-3.21	
				<i>For >100, Deduct</i>	-6.42	
05 05 19 00-0091	EA			3/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	42.20	
				<i>For >10 To 50, Deduct</i>	-1.46	
				<i>For >50 To 100, Deduct</i>	-3.24	
				<i>For >100, Deduct</i>	-6.48	
05 05 19 00-0092	EA			3/4" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	47.93	
				<i>For >10 To 50, Deduct</i>	-1.46	
				<i>For >50 To 100, Deduct</i>	-3.38	
				<i>For >100, Deduct</i>	-6.77	
05 05 19 00-0093	EA			1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	53.15	
				<i>For >10 To 50, Deduct</i>	-2.05	
				<i>For >50 To 100, Deduct</i>	-4.40	
				<i>For >100, Deduct</i>	-8.80	
05 05 19 00-0094	EA			1" Diameter x 9" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	56.45	
				<i>For >10 To 50, Deduct</i>	-2.05	
				<i>For >50 To 100, Deduct</i>	-4.48	
				<i>For >100, Deduct</i>	-8.96	
05 05 19 00-0095	EA			1" Diameter x 12" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	59.72	
				<i>For >10 To 50, Deduct</i>	-2.05	
				<i>For >50 To 100, Deduct</i>	-4.56	
				<i>For >100, Deduct</i>	-9.13	
05 05 19 00-0096				Concrete Sleeve Anchors <small>(05 05 19 00-0002)</small>		
05 05 19 00-0097				Zinc Plated Steel, Concrete Sleeve Anchors <small>(05 05 19 00-0096)</small>		
				Note: Includes nut and washer.		
05 05 19 00-0098	EA			1/4" Diameter x 5/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.17	
				<i>For >10 To 50, Deduct</i>	-0.59	
				<i>For >50 To 100, Deduct</i>	-1.18	
				<i>For >100, Deduct</i>	-2.37	
05 05 19 00-0099	EA			1/4" Diameter x 1-3/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.31	
				<i>For >10 To 50, Deduct</i>	-0.59	
				<i>For >50 To 100, Deduct</i>	-1.19	
				<i>For >100, Deduct</i>	-2.38	
05 05 19 00-0100	EA			1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.47	
				<i>For >10 To 50, Deduct</i>	-0.59	
				<i>For >50 To 100, Deduct</i>	-1.19	
				<i>For >100, Deduct</i>	-2.38	
05 05 19 00-0101	EA			5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.83	
				<i>For >10 To 50, Deduct</i>	-0.62	
				<i>For >50 To 100, Deduct</i>	-1.24	
				<i>For >100, Deduct</i>	-2.49	
05 05 19 00-0102	EA			5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.95	
				<i>For >10 To 50, Deduct</i>	-0.62	
				<i>For >50 To 100, Deduct</i>	-1.25	
				<i>For >100, Deduct</i>	-2.50	
05 05 19 00-0103	EA			3/8" Diameter x 1-7/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	14.52	
				<i>For >10 To 50, Deduct</i>	-0.70	
				<i>For >50 To 100, Deduct</i>	-1.41	
				<i>For >100, Deduct</i>	-2.82	
05 05 19 00-0104	EA			3/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	14.75	
				<i>For >10 To 50, Deduct</i>	-0.70	
				<i>For >50 To 100, Deduct</i>	-1.41	
				<i>For >100, Deduct</i>	-2.83	
05 05 19 00-0105	EA			3/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	14.96	
				<i>For >10 To 50, Deduct</i>	-0.70	
				<i>For >50 To 100, Deduct</i>	-1.42	
				<i>For >100, Deduct</i>	-2.84	
05 05 19 00-0106	EA			1/2" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	20.89	
				<i>For >10 To 50, Deduct</i>	-0.99	
				<i>For >50 To 100, Deduct</i>	-2.01	
				<i>For >100, Deduct</i>	-4.02	
05 05 19 00-0107	EA			1/2" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	21.17	
				<i>For >10 To 50, Deduct</i>	-0.99	
				<i>For >50 To 100, Deduct</i>	-2.02	
				<i>For >100, Deduct</i>	-4.03	
05 05 19 00-0108	EA			1/2" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	21.42	
				<i>For >10 To 50, Deduct</i>	-0.99	
				<i>For >50 To 100, Deduct</i>	-2.02	
				<i>For >100, Deduct</i>	-4.05	
05 05 19 00-0109	EA			1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor	21.72	
				<i>For >10 To 50, Deduct</i>	-0.99	
				<i>For >50 To 100, Deduct</i>	-2.03	
				<i>For >100, Deduct</i>	-4.06	
05 05 19 00-0110	EA			5/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	26.14	
				<i>For >10 To 50, Deduct</i>	-1.23	
				<i>For >50 To 100, Deduct</i>	-2.49	
				<i>For >100, Deduct</i>	-4.98	
05 05 19 00-0111	EA			5/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	26.57	
				<i>For >10 To 50, Deduct</i>	-1.23	
				<i>For >50 To 100, Deduct</i>	-2.50	
				<i>For >100, Deduct</i>	-5.00	

05 Metals**05 05 Common Work Results for Metals****05 05 19 Post-Installed Concrete Anchors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 19 00-0112	EA	5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	26.90	
		<i>For >10 To 50, Deduct</i>	-1.23	
		<i>For >50 To 100, Deduct</i>	-2.51	
		<i>For >100, Deduct</i>	-5.02	
05 05 19 00-0113	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor	27.83	
		<i>For >10 To 50, Deduct</i>	-1.23	
		<i>For >50 To 100, Deduct</i>	-2.53	
		<i>For >100, Deduct</i>	-5.07	
05 05 19 00-0114	EA	3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	31.87	
		<i>For >10 To 50, Deduct</i>	-1.46	
		<i>For >50 To 100, Deduct</i>	-2.98	
		<i>For >100, Deduct</i>	-5.96	
05 05 19 00-0115	EA	3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	32.68	
		<i>For >10 To 50, Deduct</i>	-1.46	
		<i>For >50 To 100, Deduct</i>	-3.00	
		<i>For >100, Deduct</i>	-6.01	
05 05 19 00-0116	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	33.40	
		<i>For >10 To 50, Deduct</i>	-1.46	
		<i>For >50 To 100, Deduct</i>	-3.02	
		<i>For >100, Deduct</i>	-6.04	
05 05 19 00-0117	EA	3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	34.56	
		<i>For >10 To 50, Deduct</i>	-1.46	
		<i>For >50 To 100, Deduct</i>	-3.05	
		<i>For >100, Deduct</i>	-6.10	

05 05 19 00-0118 304/18-8 Stainless Steel, Concrete Sleeve Anchors (05 05 19 00-0096)

Note: Includes nut and washer.

05 05 19 00-0119	EA	1/4" Diameter x 1-3/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	14.71	
		<i>For >10 To 50, Deduct</i>	-0.59	
		<i>For >50 To 100, Deduct</i>	-1.25	
		<i>For >100, Deduct</i>	-2.50	
05 05 19 00-0120	EA	3/8" Diameter x 1-7/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	19.51	
		<i>For >10 To 50, Deduct</i>	-0.70	
		<i>For >50 To 100, Deduct</i>	-1.53	
		<i>For >100, Deduct</i>	-3.07	
05 05 19 00-0121	EA	3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	21.72	
		<i>For >10 To 50, Deduct</i>	-0.70	
		<i>For >50 To 100, Deduct</i>	-1.59	
		<i>For >100, Deduct</i>	-3.18	
05 05 19 00-0122	EA	1/2" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	29.28	
		<i>For >10 To 50, Deduct</i>	-0.99	
		<i>For >50 To 100, Deduct</i>	-2.22	
		<i>For >100, Deduct</i>	-4.44	
05 05 19 00-0123	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	33.25	
		<i>For >10 To 50, Deduct</i>	-0.99	
		<i>For >50 To 100, Deduct</i>	-2.32	
		<i>For >100, Deduct</i>	-4.64	
05 05 19 00-0124	EA	5/8" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	46.10	
		<i>For >10 To 50, Deduct</i>	-1.23	
		<i>For >50 To 100, Deduct</i>	-2.99	
		<i>For >100, Deduct</i>	-5.98	

05 05 19 00-0125 Concrete Strike Anchors (05 05 19 00-0002)

Note: Includes nut and washer.

05 05 19 00-0126	EA	1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	12.83	
		<i>For >10 To 50, Deduct</i>	-0.59	
		<i>For >50 To 100, Deduct</i>	-1.20	
		<i>For >100, Deduct</i>	-2.40	
05 05 19 00-0127	EA	1/4" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor	13.06	
		<i>For >10 To 50, Deduct</i>	-0.59	
		<i>For >50 To 100, Deduct</i>	-1.21	
		<i>For >100, Deduct</i>	-2.41	
05 05 19 00-0128	EA	5/16" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	13.64	
		<i>For >10 To 50, Deduct</i>	-0.62	
		<i>For >50 To 100, Deduct</i>	-1.27	
		<i>For >100, Deduct</i>	-2.53	
05 05 19 00-0129	EA	5/16" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor	14.58	
		<i>For >10 To 50, Deduct</i>	-0.62	
		<i>For >50 To 100, Deduct</i>	-1.29	
		<i>For >100, Deduct</i>	-2.58	
05 05 19 00-0130	EA	3/8" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor	15.54	
		<i>For >10 To 50, Deduct</i>	-0.70	
		<i>For >50 To 100, Deduct</i>	-1.43	
		<i>For >100, Deduct</i>	-2.87	
05 05 19 00-0131	EA	3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor	16.25	
		<i>For >10 To 50, Deduct</i>	-0.70	
		<i>For >50 To 100, Deduct</i>	-1.45	
		<i>For >100, Deduct</i>	-2.90	
05 05 19 00-0132	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor	16.79	
		<i>For >10 To 50, Deduct</i>	-0.70	
		<i>For >50 To 100, Deduct</i>	-1.47	
		<i>For >100, Deduct</i>	-2.93	
05 05 19 00-0133	EA	1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	22.64	
		<i>For >10 To 50, Deduct</i>	-0.99	
		<i>For >50 To 100, Deduct</i>	-2.05	
		<i>For >100, Deduct</i>	-4.11	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0134	EA			1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor.....	23.06	
				<i>For >10 To 50, Deduct</i>	-0.99	
				<i>For >50 To 100, Deduct</i>	-2.06	
				<i>For >100, Deduct</i>	-4.13	
05 05 19 00-0135	EA			1/2" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor.....	24.30	
				<i>For >10 To 50, Deduct</i>	-0.99	
				<i>For >50 To 100, Deduct</i>	-2.09	
				<i>For >100, Deduct</i>	-4.19	
05 05 19 00-0136	EA			1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor.....	25.90	
				<i>For >10 To 50, Deduct</i>	-0.99	
				<i>For >50 To 100, Deduct</i>	-2.13	
				<i>For >100, Deduct</i>	-4.27	
05 05 19 00-0137	EA			5/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor.....	29.86	
				<i>For >10 To 50, Deduct</i>	-1.23	
				<i>For >50 To 100, Deduct</i>	-2.58	
				<i>For >100, Deduct</i>	-5.17	
05 05 19 00-0138	EA			5/8" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor.....	31.33	
				<i>For >10 To 50, Deduct</i>	-1.23	
				<i>For >50 To 100, Deduct</i>	-2.62	
				<i>For >100, Deduct</i>	-5.24	
05 05 19 00-0139	EA			5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor.....	32.64	
				<i>For >10 To 50, Deduct</i>	-1.23	
				<i>For >50 To 100, Deduct</i>	-2.65	
				<i>For >100, Deduct</i>	-5.31	
05 05 19 00-0140	EA			3/4" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor.....	38.04	
				<i>For >10 To 50, Deduct</i>	-1.46	
				<i>For >50 To 100, Deduct</i>	-3.14	
				<i>For >100, Deduct</i>	-6.27	
05 05 19 00-0141	EA			3/4" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor.....	39.43	
				<i>For >10 To 50, Deduct</i>	-1.46	
				<i>For >50 To 100, Deduct</i>	-3.17	
				<i>For >100, Deduct</i>	-6.34	
05 05 19 00-0142				Multi-Set Drop-In Anchors (05 05 19 00-0002)		
05 05 19 00-0143				Zinc Plated Steel, Multi-Set Drop-In Anchors (05 05 19 00-0142)		
				Note: Excludes bolt, nut and washer.		
05 05 19 00-0144	EA			1/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor.....	16.92	
				<i>For >10 To 50, Deduct</i>	-0.82	
				<i>For >50 To 100, Deduct</i>	-1.65	
				<i>For >100, Deduct</i>	-3.30	
05 05 19 00-0145	EA			3/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor.....	20.68	
				<i>For >10 To 50, Deduct</i>	-1.00	
				<i>For >50 To 100, Deduct</i>	-2.01	
				<i>For >100, Deduct</i>	-4.02	
05 05 19 00-0146	EA			1/2" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor.....	25.12	
				<i>For >10 To 50, Deduct</i>	-1.17	
				<i>For >50 To 100, Deduct</i>	-2.39	
				<i>For >100, Deduct</i>	-4.78	
05 05 19 00-0147	EA			5/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor.....	28.37	
				<i>For >10 To 50, Deduct</i>	-1.29	
				<i>For >50 To 100, Deduct</i>	-2.64	
				<i>For >100, Deduct</i>	-5.28	
05 05 19 00-0148	EA			3/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor.....	33.81	
				<i>For >10 To 50, Deduct</i>	-1.47	
				<i>For >50 To 100, Deduct</i>	-3.05	
				<i>For >100, Deduct</i>	-6.09	
05 05 19 00-0149				304/18-8 Stainless Steel, Multi-Set Drop-In Anchors (05 05 19 00-0142)		
				Note: Excludes bolt, nut and washer.		
05 05 19 00-0150	EA			1/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor.....	21.92	
				<i>For >10 To 50, Deduct</i>	-0.82	
				<i>For >50 To 100, Deduct</i>	-1.77	
				<i>For >100, Deduct</i>	-3.55	
05 05 19 00-0151	EA			3/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor.....	29.91	
				<i>For >10 To 50, Deduct</i>	-1.00	
				<i>For >50 To 100, Deduct</i>	-2.24	
				<i>For >100, Deduct</i>	-4.48	
05 05 19 00-0152	EA			1/2" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor.....	37.68	
				<i>For >10 To 50, Deduct</i>	-1.17	
				<i>For >50 To 100, Deduct</i>	-2.70	
				<i>For >100, Deduct</i>	-5.40	
05 05 19 00-0153	EA			5/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor.....	48.56	
				<i>For >10 To 50, Deduct</i>	-1.29	
				<i>For >50 To 100, Deduct</i>	-3.15	
				<i>For >100, Deduct</i>	-6.29	
05 05 19 00-0154	EA			3/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor.....	68.51	
				<i>For >10 To 50, Deduct</i>	-1.47	
				<i>For >50 To 100, Deduct</i>	-3.91	
				<i>For >100, Deduct</i>	-7.83	
05 05 19 00-0155				Single Bolt Expansion Anchors (05 05 19 00-0002)		
				Note: Excludes bolt, nut and washer.		
05 05 19 00-0156	EA			1/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor.....	12.37	
				<i>For >10 To 50, Deduct</i>	-0.59	
				<i>For >50 To 100, Deduct</i>	-1.19	
				<i>For >100, Deduct</i>	-2.38	

05 Metals**05 05 Common Work Results for Metals****05 05 19 Post-Installed Concrete Anchors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 19 00-0157	EA	5/16" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	13.20
		<i>For >10 To 50, Deduct</i>	-0.62
		<i>For >50 To 100, Deduct</i>	-1.25
		<i>For >100, Deduct</i>	-2.51
05 05 19 00-0158	EA	3/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	14.92
		<i>For >10 To 50, Deduct</i>	-0.70
		<i>For >50 To 100, Deduct</i>	-1.42
		<i>For >100, Deduct</i>	-2.84
05 05 19 00-0159	EA	1/2" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	21.72
		<i>For >10 To 50, Deduct</i>	-0.99
		<i>For >50 To 100, Deduct</i>	-2.03
		<i>For >100, Deduct</i>	-4.06
05 05 19 00-0160	EA	5/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	29.67
		<i>For >10 To 50, Deduct</i>	-1.23
		<i>For >50 To 100, Deduct</i>	-2.58
		<i>For >100, Deduct</i>	-5.16
05 05 19 00-0161	EA	3/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	35.72
		<i>For >10 To 50, Deduct</i>	-1.46
		<i>For >50 To 100, Deduct</i>	-3.08
		<i>For >100, Deduct</i>	-6.16

05 05 19 00-0162 Concrete Lag Shield Anchors (05 05 19 00-0002)

Note: Excludes lag bolt and washer.

05 05 19 00-0163	EA	1/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	12.44
		<i>For >10 To 50, Deduct</i>	-0.59
		<i>For >50 To 100, Deduct</i>	-1.19
		<i>For >100, Deduct</i>	-2.38
05 05 19 00-0164	EA	5/16" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	14.80
		<i>For >10 To 50, Deduct</i>	-0.70
		<i>For >50 To 100, Deduct</i>	-1.42
		<i>For >100, Deduct</i>	-2.83
05 05 19 00-0165	EA	3/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	15.37
		<i>For >10 To 50, Deduct</i>	-0.70
		<i>For >50 To 100, Deduct</i>	-1.43
		<i>For >100, Deduct</i>	-2.86
05 05 19 00-0166	EA	1/2" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	21.71
		<i>For >10 To 50, Deduct</i>	-0.99
		<i>For >50 To 100, Deduct</i>	-2.03
		<i>For >100, Deduct</i>	-4.06
05 05 19 00-0167	EA	5/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	28.79
		<i>For >10 To 50, Deduct</i>	-1.23
		<i>For >50 To 100, Deduct</i>	-2.56
		<i>For >100, Deduct</i>	-5.11
05 05 19 00-0168	EA	3/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	32.53
		<i>For >10 To 50, Deduct</i>	-1.46
		<i>For >50 To 100, Deduct</i>	-3.00
		<i>For >100, Deduct</i>	-6.00

05 05 19 00-0169 Chemical And Adhesive Anchors (05 05 19 00-0001)**05 05 19 00-0170 Chemically Adhered Anchor Rods (05 05 19 00-0169)**

Note: Includes drilling hole, injected adhesive or pre-placed adhesive cartridge, nut and washer. Zinc coated carbon steel.

05 05 19 00-0171	EA	1/4" x 1-9/16" Long Chemically Adhered Anchor Rod	15.53
		<i>For >10 To 50, Deduct</i>	-0.65
		<i>For >50 To 100, Deduct</i>	-1.36
		<i>For >100, Deduct</i>	-2.71
05 05 19 00-0172	EA	5/16" x 2-3/8" Long Chemically Adhered Anchor Rod	17.89
		<i>For >10 To 50, Deduct</i>	-0.70
		<i>For >50 To 100, Deduct</i>	-1.50
		<i>For >100, Deduct</i>	-3.01
05 05 19 00-0173	EA	3/8" x 2-3/4" Long Chemically Adhered Anchor Rod	22.23
		<i>For >10 To 50, Deduct</i>	-0.88
		<i>For >50 To 100, Deduct</i>	-1.88
		<i>For >100, Deduct</i>	-3.75
05 05 19 00-0174	EA	1/2" x 3-11/16" Long Chemically Adhered Anchor Rod	25.95
		<i>For >10 To 50, Deduct</i>	-0.99
		<i>For >50 To 100, Deduct</i>	-2.14
		<i>For >100, Deduct</i>	-4.27
05 05 19 00-0175	EA	1/2" x 5-1/2" Long Chemically Adhered Anchor Rod	27.34
		<i>For >10 To 50, Deduct</i>	-0.99
		<i>For >50 To 100, Deduct</i>	-2.17
		<i>For >100, Deduct</i>	-4.34
05 05 19 00-0176	EA	5/8" x 7" Long Chemically Adhered Anchor Rod	33.83
		<i>For >10 To 50, Deduct</i>	-1.23
		<i>For >50 To 100, Deduct</i>	-2.68
		<i>For >100, Deduct</i>	-5.37
05 05 19 00-0177	EA	3/4" x 9-1/2" Long Chemically Adhered Anchor Rod	43.59
		<i>For >10 To 50, Deduct</i>	-1.46
		<i>For >50 To 100, Deduct</i>	-3.28
		<i>For >100, Deduct</i>	-6.55
05 05 19 00-0178	EA	7/8" x 10" Long Chemically Adhered Anchor Rod	51.29
		<i>For >10 To 50, Deduct</i>	-1.58
		<i>For >50 To 100, Deduct</i>	-3.65
		<i>For >100, Deduct</i>	-7.30

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 05 19 00-0179	EA	1"	11-3/4" Long Chemically Adhered Anchor Rod	69.83	
			<i>For >10 To 50, Deduct</i>	-2.05	
			<i>For >50 To 100, Deduct</i>	-4.82	
			<i>For >100, Deduct</i>	-9.63	
05 05 19 00-0180	EA	1-1/4"	14" Long Chemically Adhered Anchor Rod	99.35	
			<i>For >10 To 50, Deduct</i>	-2.58	
			<i>For >50 To 100, Deduct</i>	-6.35	
			<i>For >100, Deduct</i>	-12.71	
05 05 19 00-0181			Chemical Adhesives For Bolts, Dowels Or Threaded Rod <small>(05 05 19 00-0169)</small>		
			Note: Injected or drop in cartridge. Sizes listed are for the diameter of the bolt, dowel or rod to be anchored. Includes drilling. Excludes bolt, dowel or rod.		
05 05 19 00-0182	EA	1/4"	Chemical Adhesive For Bolt Or Threaded Rod	13.23	
			<i>For >10 To 50, Deduct</i>	-0.65	
			<i>For >50 To 100, Deduct</i>	-1.30	
			<i>For >100, Deduct</i>	-2.60	
05 05 19 00-0183	EA	5/16"	Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	14.48	
			<i>For >10 To 50, Deduct</i>	-0.70	
			<i>For >50 To 100, Deduct</i>	-1.42	
			<i>For >100, Deduct</i>	-2.83	
05 05 19 00-0184	EA	3/8"	Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	18.14	
			<i>For >10 To 50, Deduct</i>	-0.88	
			<i>For >50 To 100, Deduct</i>	-1.77	
			<i>For >100, Deduct</i>	-3.55	
05 05 19 00-0185	EA	1/2"	Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	20.59	
			<i>For >10 To 50, Deduct</i>	-0.99	
			<i>For >50 To 100, Deduct</i>	-2.00	
			<i>For >100, Deduct</i>	-4.00	
05 05 19 00-0186	EA	5/8"	Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	26.35	
			<i>For >10 To 50, Deduct</i>	-1.23	
			<i>For >50 To 100, Deduct</i>	-2.50	
			<i>For >100, Deduct</i>	-4.99	
05 05 19 00-0187	EA	3/4"	Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	32.38	
			<i>For >10 To 50, Deduct</i>	-1.46	
			<i>For >50 To 100, Deduct</i>	-3.00	
			<i>For >100, Deduct</i>	-5.99	
05 05 19 00-0188	EA	7/8"	Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	35.87	
			<i>For >10 To 50, Deduct</i>	-1.58	
			<i>For >50 To 100, Deduct</i>	-3.26	
			<i>For >100, Deduct</i>	-6.53	
05 05 19 00-0189	EA	1"	Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	47.42	
			<i>For >10 To 50, Deduct</i>	-2.05	
			<i>For >50 To 100, Deduct</i>	-4.26	
			<i>For >100, Deduct</i>	-8.51	
05 05 19 00-0190	EA	1-1/8"	Chemical Adhesive For Bolt, Dowel Or Threaded Rod	54.25	
			<i>For >10 To 50, Deduct</i>	-2.31	
			<i>For >50 To 100, Deduct</i>	-4.83	
			<i>For >100, Deduct</i>	-9.65	
05 05 19 00-0191	EA	1-1/4"	Chemical Adhesive For Bolt, Dowel Or Threaded Rod	61.99	
			<i>For >10 To 50, Deduct</i>	-2.58	
			<i>For >50 To 100, Deduct</i>	-5.42	
			<i>For >100, Deduct</i>	-10.84	
05 05 19 00-0192	EA	1-3/8"	Chemical Adhesive For Bolt, Dowel Or Threaded Rod	66.92	
			<i>For >10 To 50, Deduct</i>	-2.70	
			<i>For >50 To 100, Deduct</i>	-5.72	
			<i>For >100, Deduct</i>	-11.44	
05 05 19 00-0193	EA	1-1/2"	Chemical Adhesive For Bolt, Dowel Or Threaded Rod	73.60	
			<i>For >10 To 50, Deduct</i>	-2.82	
			<i>For >50 To 100, Deduct</i>	-6.06	
			<i>For >100, Deduct</i>	-12.13	
05 05 19 00-0194	EA	1-3/4"	Chemical Adhesive For Bolt, Dowel Or Threaded Rod	86.93	
			<i>For >10 To 50, Deduct</i>	-3.05	
			<i>For >50 To 100, Deduct</i>	-6.75	
			<i>For >100, Deduct</i>	-13.50	
05 05 19 00-0195	EA	2"	Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	115.23	
			<i>For >10 To 50, Deduct</i>	-3.17	
			<i>For >50 To 100, Deduct</i>	-7.63	
			<i>For >100, Deduct</i>	-15.26	
05 05 19 00-0196			Grout Concrete Anchor Bolt Or Threaded Rod <small>(05 05 19 00-0169)</small>		
05 05 19 00-0197	EA		Grout Concrete Anchor Bolt or Threaded Rod.....	4.52	
			<i>For >10 To 50, Deduct</i>	-0.22	
			<i>For >50 To 100, Deduct</i>	-0.44	
			<i>For >100, Deduct</i>	-0.88	
05 05 19 00-0198			Other Concrete And Masonry Anchors <small>(05 05 19 00-0001)</small>		
05 05 19 00-0199			Tapcon Masonry Screws <small>(05 05 19 00-0198)</small>		
			Note: Includes drilling. Countersunk or hex head.		
05 05 19 00-0200	EA	3/16" x 1-1/4"	Tapcon Masonry Screw.....	11.99	
			<i>For >10 To 50, Deduct</i>	-0.59	
			<i>For >50 To 100, Deduct</i>	-1.18	
			<i>For >100, Deduct</i>	-2.36	
05 05 19 00-0201	EA	3/16" x 2-1/4"	Tapcon Masonry Screw.....	12.06	
			<i>For >10 To 50, Deduct</i>	-0.59	
			<i>For >50 To 100, Deduct</i>	-1.18	
			<i>For >100, Deduct</i>	-2.36	

05 Metals**05 05 Common Work Results for Metals****05 05 19 Post-Installed Concrete Anchors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 05 19 00-0202	EA	3/16" x 3-1/4" Tapcon Masonry Screw.....	12.21
		<i>For >10 To 50, Deduct</i>	-0.59
		<i>For >50 To 100, Deduct</i>	-1.19
		<i>For >100, Deduct</i>	-2.37
05 05 19 00-0203	EA	1/4" x 1-1/4" Tapcon Masonry Screw.....	12.07
		<i>For >10 To 50, Deduct</i>	-0.59
		<i>For >50 To 100, Deduct</i>	-1.18
		<i>For >100, Deduct</i>	-2.36
05 05 19 00-0204	EA	1/4" x 2-1/4" Tapcon Masonry Screw.....	12.15
		<i>For >10 To 50, Deduct</i>	-0.59
		<i>For >50 To 100, Deduct</i>	-1.18
		<i>For >100, Deduct</i>	-2.37
05 05 19 00-0205	EA	1/4" x 3-1/4" Tapcon Masonry Screw.....	12.33
		<i>For >10 To 50, Deduct</i>	-0.59
		<i>For >50 To 100, Deduct</i>	-1.19
		<i>For >100, Deduct</i>	-2.38

05 05 19 00-0206 Large Diameter, Self-Threading Concrete Fasteners (05 05 19 00-0198)

Note: Includes drilling. Zinc plated.

05 05 19 00-0207	EA	3/8" x 1-3/4", Large Diameter, Self-Threading Concrete Fastener.....	13.02
		<i>For >10 To 50, Deduct</i>	-0.59
		<i>For >50 To 100, Deduct</i>	-1.21
		<i>For >100, Deduct</i>	-2.41
05 05 19 00-0208	EA	3/8" x 2-1/2", Large Diameter, Self-Threading Concrete Fastener.....	13.49
		<i>For >10 To 50, Deduct</i>	-0.59
		<i>For >50 To 100, Deduct</i>	-1.22
		<i>For >100, Deduct</i>	-2.43
05 05 19 00-0209	EA	3/8" x 3", Large Diameter, Self-Threading Concrete Fastener.....	13.62
		<i>For >10 To 50, Deduct</i>	-0.59
		<i>For >50 To 100, Deduct</i>	-1.22
		<i>For >100, Deduct</i>	-2.44
05 05 19 00-0210	EA	3/8" x 4", Large Diameter, Self-Threading Concrete Fastener.....	13.84
		<i>For >10 To 50, Deduct</i>	-0.59
		<i>For >50 To 100, Deduct</i>	-1.23
		<i>For >100, Deduct</i>	-2.45
05 05 19 00-0211	EA	3/8" x 5", Large Diameter, Self-Threading Concrete Fastener.....	14.03
		<i>For >10 To 50, Deduct</i>	-0.59
		<i>For >50 To 100, Deduct</i>	-1.23
		<i>For >100, Deduct</i>	-2.46
05 05 19 00-0212	EA	1/2" x 3", Large Diameter, Self-Threading Concrete Fastener.....	14.44
		<i>For >10 To 50, Deduct</i>	-0.59
		<i>For >50 To 100, Deduct</i>	-1.24
		<i>For >100, Deduct</i>	-2.48
05 05 19 00-0213	EA	1/2" x 4", Large Diameter, Self-Threading Concrete Fastener.....	14.94
		<i>For >10 To 50, Deduct</i>	-0.59
		<i>For >50 To 100, Deduct</i>	-1.25
		<i>For >100, Deduct</i>	-2.51
05 05 19 00-0214	EA	1/2" x 5", Large Diameter, Self-Threading Concrete Fastener.....	15.40
		<i>For >10 To 50, Deduct</i>	-0.59
		<i>For >50 To 100, Deduct</i>	-1.26
		<i>For >100, Deduct</i>	-2.53
05 05 19 00-0215	EA	1/2" x 6", Large Diameter, Self-Threading Concrete Fastener.....	16.68
		<i>For >10 To 50, Deduct</i>	-0.59
		<i>For >50 To 100, Deduct</i>	-1.30
		<i>For >100, Deduct</i>	-2.59
05 05 19 00-0216	EA	5/8" x 3", Large Diameter, Self-Threading Concrete Fastener.....	16.84
		<i>For >10 To 50, Deduct</i>	-0.59
		<i>For >50 To 100, Deduct</i>	-1.30
		<i>For >100, Deduct</i>	-2.60
05 05 19 00-0217	EA	5/8" x 4", Large Diameter, Self-Threading Concrete Fastener.....	17.62
		<i>For >10 To 50, Deduct</i>	-0.59
		<i>For >50 To 100, Deduct</i>	-1.32
		<i>For >100, Deduct</i>	-2.64
05 05 19 00-0218	EA	5/8" x 5", Large Diameter, Self-Threading Concrete Fastener.....	18.43
		<i>For >10 To 50, Deduct</i>	-0.59
		<i>For >50 To 100, Deduct</i>	-1.34
		<i>For >100, Deduct</i>	-2.68
05 05 19 00-0219	EA	5/8" x 6", Large Diameter, Self-Threading Concrete Fastener.....	18.95
		<i>For >10 To 50, Deduct</i>	-0.59
		<i>For >50 To 100, Deduct</i>	-1.35
		<i>For >100, Deduct</i>	-2.71
05 05 19 00-0220	EA	3/4" x 4-1/2", Large Diameter, Self-Threading Concrete Fastener.....	18.72
		<i>For >10 To 50, Deduct</i>	-0.59
		<i>For >50 To 100, Deduct</i>	-1.35
		<i>For >100, Deduct</i>	-2.70
05 05 19 00-0221	EA	3/4" x 5-1/2", Large Diameter, Self-Threading Concrete Fastener.....	19.47
		<i>For >10 To 50, Deduct</i>	-0.59
		<i>For >50 To 100, Deduct</i>	-1.37
		<i>For >100, Deduct</i>	-2.73
05 05 19 00-0222	EA	3/4" x 6-1/4", Large Diameter, Self-Threading Concrete Fastener.....	21.21
		<i>For >10 To 50, Deduct</i>	-0.59
		<i>For >50 To 100, Deduct</i>	-1.41
		<i>For >100, Deduct</i>	-2.82

05 05 19 00-0223 Pin Bolt Drives (05 05 19 00-0198)

Note: Includes drilling. Zinc plated.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0224 EA 1/4" x 1" Pin Bolt Drive.....	7.44	
For >10 To 50, Deduct	-0.35	
For >50 To 100, Deduct	-0.71	
For >100, Deduct	-1.43	
05 05 19 00-0225 EA 1/4" x 1-1/4" Pin Bolt Drive.....	7.44	
For >10 To 50, Deduct	-0.35	
For >50 To 100, Deduct	-0.71	
For >100, Deduct	-1.43	
05 05 19 00-0226 EA 1/4" x 1-1/2" Pin Bolt Drive.....	7.49	
For >10 To 50, Deduct	-0.35	
For >50 To 100, Deduct	-0.72	
For >100, Deduct	-1.43	
05 05 19 00-0227 EA 1/4" x 2" Pin Bolt Drive.....	7.50	
For >10 To 50, Deduct	-0.35	
For >50 To 100, Deduct	-0.72	
For >100, Deduct	-1.43	
05 05 19 00-0228 Powder Actuated, Shot-In Place Anchors (05 05 19 00-0198)		
05 05 19 00-0229 EA 0.15" Diameter x 1/2" Length, Stud Powder Actuated Anchor	1.83	
For >10 To 50, Deduct	-0.08	
For >50 To 100, Deduct	-0.16	
For >100, Deduct	-0.33	
05 05 19 00-0230 EA 0.15" Diameter x 3/4" Length, Stud Powder Actuated Anchor	1.93	
For >10 To 50, Deduct	-0.08	
For >50 To 100, Deduct	-0.17	
For >100, Deduct	-0.34	
05 05 19 00-0231 EA 0.15"/0.18" Diameter x 1" Length, Stud Powder Actuated Anchor	2.09	
For >10 To 50, Deduct	-0.09	
For >50 To 100, Deduct	-0.18	
For >100, Deduct	-0.37	
05 05 19 00-0232 EA 0.15"/0.18" Diameter x 1-1/4" Length, Stud Powder Actuated Anchor.....	2.30	
For >10 To 50, Deduct	-0.09	
For >50 To 100, Deduct	-0.20	
For >100, Deduct	-0.40	
05 05 19 00-0233 EA 0.15"/0.18" Diameter x 1-7/8" Length, Stud Powder Actuated Anchor.....	2.41	
For >10 To 50, Deduct	-0.09	
For >50 To 100, Deduct	-0.20	
For >100, Deduct	-0.40	
05 05 19 00-0234 Powder Actuated, Shot-In Place Anchors With Exposed Thread (05 05 19 00-0198)		
05 05 19 00-0235 EA 0.145" Diameter x 1" Long Shank, 3/4" Thread Length, 1/4" - 20 Treaded Stud Powder Actuated Anchor	2.13	
For >10 To 50, Deduct	-0.08	
For >50 To 100, Deduct	-0.18	
For >100, Deduct	-0.35	
05 05 19 00-0236 EA 0.205" Diameter x 1-1/6" Long Shank, 1" Thread Length, 3/8" - 16 Treaded Stud Powder Actuated Anchor.....	2.85	
For >10 To 50, Deduct	-0.10	
For >50 To 100, Deduct	-0.22	
For >100, Deduct	-0.44	
05 05 21 Fastening Methods for Metal (05 05)		
05 05 21 00-0001 Welding (05 05 21)		
05 05 21 00-0002 Minimum Charge For Welding (05 05 21 00-0001)		
05 05 21 00-0003 EA Welding Minimum Charge	462.77	
Note: For projects where the total welding charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
05 05 21 00-0004 Spot Welding (05 05 21 00-0001)		
See CSI section 05 05 21 00-0007 for a series of welds.		
05 05 21 00-0005 EA Up To 15 Spot Weldings, Welds Up To 1" Length Each.....	11.76	
For Aluminum Welding, Add	1.84	
For Stainless Steel Welding, Add	3.04	
05 05 21 00-0006 EA >15 Spot Weldings, Welds Up To 1" Length Each.....	9.17	
For Aluminum Welding, Add	1.45	
For Stainless Steel Welding, Add	2.39	
05 05 21 00-0007 Field Welding (Seam And Stitch Welding) (05 05 21 00-0001)		
05 05 21 00-0008 Vertical Fillet Welds (05 05 21 00-0007)		
Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds are made.		
05 05 21 00-0009 LF 1/8" Vertical Fillet Weld.....	7.51	
For Aluminum Welding, Add	1.52	
For Stainless Steel Welding, Add	2.37	
For Up To 25, Add	2.46	
For >25 To 50, Add	1.75	
05 05 21 00-0010 LF 3/16" Vertical Fillet Weld.....	14.52	
For Aluminum Welding, Add	2.67	
For Stainless Steel Welding, Add	4.25	
For Up To 25, Add	4.88	
For >25 To 50, Add	3.47	

05 Metals

05 05 Common Work Results for Metals

05 05 21 Fastening Methods for Metal

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 05 21 00-0011	LF	1/4" Vertical Fillet Weld	21.80	
		For Aluminum Welding, Add	4.02	
		For Stainless Steel Welding, Add	6.39	
		For Up To 25, Add	7.32	
		For >25 To 50, Add	5.20	
05 05 21 00-0012	LF	5/16" Vertical Fillet Weld	28.76	
		For Aluminum Welding, Add	5.32	
		For Stainless Steel Welding, Add	8.45	
		For Up To 25, Add	9.65	
		For >25 To 50, Add	6.85	
05 05 21 00-0013	LF	3/8" Vertical Fillet Weld	36.31	
		For Aluminum Welding, Add	6.69	
		For Stainless Steel Welding, Add	10.63	
		For Up To 25, Add	12.19	
		For >25 To 50, Add	8.66	
05 05 21 00-0014	LF	7/16" Vertical Fillet Weld	42.20	
		For Aluminum Welding, Add	7.31	
		For Stainless Steel Welding, Add	11.78	
		For Up To 25, Add	14.36	
		For >25 To 50, Add	10.22	
05 05 21 00-0015	LF	1/2" Vertical Fillet Weld	49.67	
		For Aluminum Welding, Add	9.19	
		For Stainless Steel Welding, Add	14.59	
		For Up To 25, Add	16.66	
		For >25 To 50, Add	11.84	
05 05 21 00-0016	LF	9/16" Vertical Fillet Weld	58.02	
		For Aluminum Welding, Add	10.26	
		For Stainless Steel Welding, Add	16.45	
		For Up To 25, Add	19.66	
		For >25 To 50, Add	13.99	
05 05 21 00-0017	LF	5/8" Vertical Fillet Weld	67.28	
		For Aluminum Welding, Add	11.93	
		For Stainless Steel Welding, Add	19.12	
		For Up To 25, Add	22.78	
		For >25 To 50, Add	16.21	
05 05 21 00-0018	LF	3/4" Vertical Fillet Weld	90.87	
		For Aluminum Welding, Add	16.79	
		For Stainless Steel Welding, Add	26.67	
		For Up To 25, Add	30.49	
		For >25 To 50, Add	21.66	
05 05 21 00-0019	LF	7/8" Vertical Fillet Weld	134.29	
		For Aluminum Welding, Add	23.67	
		For Stainless Steel Welding, Add	37.98	
		For Up To 25, Add	45.53	
		For >25 To 50, Add	32.40	
05 05 21 00-0020	LF	1" Vertical Fillet Weld	181.06	
		For Aluminum Welding, Add	33.07	
		For Stainless Steel Welding, Add	52.65	
		For Up To 25, Add	60.91	
		For >25 To 50, Add	43.30	

05 05 21 00-0021 Horizontal Or Flat Fillet Welds (05 05 21 00-0007)

Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds are made.

05 05 21 00-0022	LF	1/8" Horizontal Or Flat Fillet Weld	6.33	
		For Aluminum Welding, Add	1.35	
		For Stainless Steel Welding, Add	2.08	
		For Up To 25, Add	2.05	
		For >25 To 50, Add	1.45	
05 05 21 00-0023	LF	3/16" Horizontal Or Flat Fillet Weld	12.31	
		For Aluminum Welding, Add	2.36	
		For Stainless Steel Welding, Add	3.72	
		For Up To 25, Add	4.09	
		For >25 To 50, Add	2.91	
05 05 21 00-0024	LF	1/4" Horizontal Or Flat Fillet Weld	18.42	
		For Aluminum Welding, Add	3.54	
		For Stainless Steel Welding, Add	5.58	
		For Up To 25, Add	6.12	
		For >25 To 50, Add	4.35	
05 05 21 00-0025	LF	5/16" Horizontal Or Flat Fillet Weld	24.35	
		For Aluminum Welding, Add	4.71	
		For Stainless Steel Welding, Add	7.42	
		For Up To 25, Add	8.08	
		For >25 To 50, Add	5.73	
05 05 21 00-0026	LF	3/8" Horizontal Or Flat Fillet Weld	30.73	
		For Aluminum Welding, Add	5.91	
		For Stainless Steel Welding, Add	9.30	
		For Up To 25, Add	10.22	
		For >25 To 50, Add	7.25	
05 05 21 00-0027	LF	7/16" Horizontal Or Flat Fillet Weld	35.54	
		For Aluminum Welding, Add	6.37	
		For Stainless Steel Welding, Add	10.18	
		For Up To 25, Add	12.01	
		For >25 To 50, Add	8.54	
05 05 21 00-0028	LF	1/2" Horizontal Or Flat Fillet Weld	41.98	
		For Aluminum Welding, Add	8.12	
		For Stainless Steel Welding, Add	12.77	
		For Up To 25, Add	13.94	
		For >25 To 50, Add	9.89	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 21 00-0029	LF		9/16" Horizontal Or Flat Fillet Weld..... <i>For Aluminum Welding, Add</i> <i>For Stainless Steel Welding, Add</i> <i>For Up To 25, Add</i> <i>For >25 To 50, Add</i>	49.00 9.01 14.33 16.46 11.70	
05 05 21 00-0030	LF		5/8" Horizontal Or Flat Fillet Weld..... <i>For Aluminum Welding, Add</i> <i>For Stainless Steel Welding, Add</i> <i>For Up To 25, Add</i> <i>For >25 To 50, Add</i>	57.09 10.72 16.97 19.08 13.55	
05 05 21 00-0031	LF		3/4" Horizontal Or Flat Fillet Weld..... <i>For Aluminum Welding, Add</i> <i>For Stainless Steel Welding, Add</i> <i>For Up To 25, Add</i> <i>For >25 To 50, Add</i>	76.91 14.85 23.38 25.54 18.12	
05 05 21 00-0032	LF		7/8" Horizontal Or Flat Fillet Weld..... <i>For Aluminum Welding, Add</i> <i>For Stainless Steel Welding, Add</i> <i>For Up To 25, Add</i> <i>For >25 To 50, Add</i>	112.49 20.17 32.24 38.00 27.02	
05 05 21 00-0033	LF		1" Horizontal Or Flat Fillet Weld..... <i>For Aluminum Welding, Add</i> <i>For Stainless Steel Welding, Add</i> <i>For Up To 25, Add</i> <i>For >25 To 50, Add</i>	152.65 29.10 45.91 50.85 36.10	

05 05 23 Metal Fastenings (05 05)

05 05 23 00-0001	Hex Bolts	<small>(05 05 23)</small>	Note: For owner furnished materials or where requested by the owner. Excludes drilling through wood, steel, concrete, brick or block. See CSI section 02 41 19 13-0221 for drilling into concrete, 02 41 19 13-0231 for drilling into brick or block, 02 41 19 13-0241 for drilling into wood or plastic, 05 05 23 00-1567 for drilling through steel.		
05 05 23 00-0002	A307B Heavy Hex Bolts	<small>(05 05 23 00-0001)</small>	Note: Includes A307B heavy hex nut and two structural washers.		
05 05 23 00-0003	Plain Finish A307B Heavy Hex Bolts	<small>(05 05 23 00-0002)</small>			
05 05 23 00-0004	EA		1/2" Diameter x 1-1/2" Long, Plain Finish A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	12.95 -0.55 -1.15 -2.29	1.31
05 05 23 00-0005	EA		1/2" Diameter x 3" Long, Plain Finish A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	14.11 -0.55 -1.17 -2.35	1.31
05 05 23 00-0006	EA		5/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	14.14 -0.55 -1.17 -2.35	1.31
05 05 23 00-0007	EA		5/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	16.76 -0.63 -1.36 -2.71	1.50
05 05 23 00-0008	EA		3/4" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	16.08 -0.55 -1.22 -2.45	1.31
05 05 23 00-0009	EA		3/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	19.17 -0.63 -1.42 -2.83	1.50
05 05 23 00-0010	EA		3/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	23.80 -0.65 -1.58 -3.15	1.57
05 05 23 00-0011	EA		3/4" Diameter x 8" Long, Plain Finish A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	25.53 -0.69 -1.67 -3.34	1.65
05 05 23 00-0012	EA		7/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	19.07 -0.59 -1.37 -2.74	1.42
05 05 23 00-0013	EA		7/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	22.78 -0.65 -1.55 -3.10	1.57
05 05 23 00-0014	EA		1" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	26.56 -0.69 -1.70 -3.39	1.65
05 05 23 00-0015	EA		1" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	37.08 -0.72 -2.01 -4.02	1.73
05 05 23 00-0016	EA		1-1/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	43.32 -0.82 -2.31 -4.61	1.96

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0017	EA	1-1/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt.....	48.62	2.10
		<i>For >10 To 50, Deduct</i>	-0.87	
		<i>For >50 To 100, Deduct</i>	-2.53	
		<i>For >100, Deduct</i>	-5.05	
05 05 23 00-0018		Galvanized A307B Heavy Hex Bolts <small>(05 05 23 00-0002)</small>		
05 05 23 00-0019	EA	1/2" Diameter x 1-1/2" Long, Galvanized A307B Heavy Hex Bolt.....	13.52	1.31
		<i>For >10 To 50, Deduct</i>	-0.55	
		<i>For >50 To 100, Deduct</i>	-1.16	
		<i>For >100, Deduct</i>	-2.32	
05 05 23 00-0020	EA	1/2" Diameter x 3" Long, Galvanized A307B Heavy Hex Bolt.....	14.49	1.31
		<i>For >10 To 50, Deduct</i>	-0.55	
		<i>For >50 To 100, Deduct</i>	-1.18	
		<i>For >100, Deduct</i>	-2.37	
05 05 23 00-0021	EA	5/8" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt.....	15.54	1.31
		<i>For >10 To 50, Deduct</i>	-0.55	
		<i>For >50 To 100, Deduct</i>	-1.21	
		<i>For >100, Deduct</i>	-2.42	
05 05 23 00-0022	EA	5/8" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt.....	18.16	1.50
		<i>For >10 To 50, Deduct</i>	-0.63	
		<i>For >50 To 100, Deduct</i>	-1.39	
		<i>For >100, Deduct</i>	-2.78	
05 05 23 00-0023	EA	3/4" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt.....	17.67	1.31
		<i>For >10 To 50, Deduct</i>	-0.55	
		<i>For >50 To 100, Deduct</i>	-1.26	
		<i>For >100, Deduct</i>	-2.53	
05 05 23 00-0024	EA	3/4" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt.....	22.10	1.50
		<i>For >10 To 50, Deduct</i>	-0.63	
		<i>For >50 To 100, Deduct</i>	-1.49	
		<i>For >100, Deduct</i>	-2.98	
05 05 23 00-0025	EA	3/4" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt.....	28.86	1.57
		<i>For >10 To 50, Deduct</i>	-0.65	
		<i>For >50 To 100, Deduct</i>	-1.70	
		<i>For >100, Deduct</i>	-3.40	
05 05 23 00-0026	EA	3/4" Diameter x 8" Long, Galvanized A307B Heavy Hex Bolt.....	33.72	1.65
		<i>For >10 To 50, Deduct</i>	-0.69	
		<i>For >50 To 100, Deduct</i>	-1.87	
		<i>For >100, Deduct</i>	-3.75	
05 05 23 00-0027	EA	7/8" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt.....	23.23	1.42
		<i>For >10 To 50, Deduct</i>	-0.59	
		<i>For >50 To 100, Deduct</i>	-1.47	
		<i>For >100, Deduct</i>	-2.94	
05 05 23 00-0028	EA	7/8" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt.....	27.47	1.57
		<i>For >10 To 50, Deduct</i>	-0.65	
		<i>For >50 To 100, Deduct</i>	-1.66	
		<i>For >100, Deduct</i>	-3.33	
05 05 23 00-0029	EA	1" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt.....	32.61	1.65
		<i>For >10 To 50, Deduct</i>	-0.69	
		<i>For >50 To 100, Deduct</i>	-1.85	
		<i>For >100, Deduct</i>	-3.69	
05 05 23 00-0030	EA	1" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt.....	48.05	1.73
		<i>For >10 To 50, Deduct</i>	-0.72	
		<i>For >50 To 100, Deduct</i>	-2.28	
		<i>For >100, Deduct</i>	-4.57	
05 05 23 00-0031	EA	1-1/4" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt.....	48.23	1.96
		<i>For >10 To 50, Deduct</i>	-0.82	
		<i>For >50 To 100, Deduct</i>	-2.43	
		<i>For >100, Deduct</i>	-4.86	
05 05 23 00-0032	EA	1-1/4" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt.....	59.98	2.10
		<i>For >10 To 50, Deduct</i>	-0.87	
		<i>For >50 To 100, Deduct</i>	-2.81	
		<i>For >100, Deduct</i>	-5.62	
05 05 23 00-0033		A325 High Strength Structural Bolts <small>(05 05 23 00-0001)</small>		
05 05 23 00-0034		Plain Finish A325 High Strength Structural Bolts <small>(05 05 23 00-0033)</small>		
		Note: Includes A325 heavy hex nut and structural washer.		
05 05 23 00-0035	EA	1/2" Diameter x 1-1/2" Long, Plain Finish A325 High Strength Structural Bolt.....	12.68	1.31
		<i>For >10 To 50, Deduct</i>	-0.55	
		<i>For >50 To 100, Deduct</i>	-1.14	
		<i>For >100, Deduct</i>	-2.28	
05 05 23 00-0036	EA	1/2" Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt.....	12.94	1.31
		<i>For >10 To 50, Deduct</i>	-0.55	
		<i>For >50 To 100, Deduct</i>	-1.14	
		<i>For >100, Deduct</i>	-2.29	
05 05 23 00-0037	EA	5/8" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt.....	13.76	1.31
		<i>For >10 To 50, Deduct</i>	-0.55	
		<i>For >50 To 100, Deduct</i>	-1.17	
		<i>For >100, Deduct</i>	-2.33	
05 05 23 00-0038	EA	5/8" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....	16.78	1.50
		<i>For >10 To 50, Deduct</i>	-0.63	
		<i>For >50 To 100, Deduct</i>	-1.36	
		<i>For >100, Deduct</i>	-2.72	
05 05 23 00-0039	EA	5/8" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	19.28	1.57
		<i>For >10 To 50, Deduct</i>	-0.65	
		<i>For >50 To 100, Deduct</i>	-1.46	
		<i>For >100, Deduct</i>	-2.92	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0040	EA			3/4" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt.....	14.89	1.31
				<i>For >10 To 50, Deduct</i>	-0.55	
				<i>For >50 To 100, Deduct</i>	-1.19	
				<i>For >100, Deduct</i>	-2.39	
05 05 23 00-0041	EA			3/4" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....	17.99	1.50
				<i>For >10 To 50, Deduct</i>	-0.63	
				<i>For >50 To 100, Deduct</i>	-1.39	
				<i>For >100, Deduct</i>	-2.77	
05 05 23 00-0042	EA			3/4" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	20.35	1.57
				<i>For >10 To 50, Deduct</i>	-0.65	
				<i>For >50 To 100, Deduct</i>	-1.49	
				<i>For >100, Deduct</i>	-2.98	
05 05 23 00-0043	EA			3/4" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt.....	24.80	1.65
				<i>For >10 To 50, Deduct</i>	-0.69	
				<i>For >50 To 100, Deduct</i>	-1.65	
				<i>For >100, Deduct</i>	-3.30	
05 05 23 00-0044	EA			7/8" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt.....	17.20	1.42
				<i>For >10 To 50, Deduct</i>	-0.59	
				<i>For >50 To 100, Deduct</i>	-1.32	
				<i>For >100, Deduct</i>	-2.64	
05 05 23 00-0045	EA			7/8" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....	20.79	1.57
				<i>For >10 To 50, Deduct</i>	-0.65	
				<i>For >50 To 100, Deduct</i>	-1.50	
				<i>For >100, Deduct</i>	-3.00	
05 05 23 00-0046	EA			7/8" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	23.62	1.65
				<i>For >10 To 50, Deduct</i>	-0.69	
				<i>For >50 To 100, Deduct</i>	-1.62	
				<i>For >100, Deduct</i>	-3.24	
05 05 23 00-0047	EA			7/8" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt.....	25.55	1.73
				<i>For >10 To 50, Deduct</i>	-0.72	
				<i>For >50 To 100, Deduct</i>	-1.72	
				<i>For >100, Deduct</i>	-3.44	
05 05 23 00-0048	EA			1" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt.....	18.93	1.48
				<i>For >10 To 50, Deduct</i>	-0.62	
				<i>For >50 To 100, Deduct</i>	-1.40	
				<i>For >100, Deduct</i>	-2.80	
05 05 23 00-0049	EA			1" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....	22.66	1.65
				<i>For >10 To 50, Deduct</i>	-0.69	
				<i>For >50 To 100, Deduct</i>	-1.60	
				<i>For >100, Deduct</i>	-3.20	
05 05 23 00-0050	EA			1" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	26.09	1.73
				<i>For >10 To 50, Deduct</i>	-0.72	
				<i>For >50 To 100, Deduct</i>	-1.74	
				<i>For >100, Deduct</i>	-3.47	
05 05 23 00-0051	EA			1" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt.....	33.10	1.84
				<i>For >10 To 50, Deduct</i>	-0.77	
				<i>For >50 To 100, Deduct</i>	-1.98	
				<i>For >100, Deduct</i>	-3.96	
05 05 23 00-0052	EA			1-1/4" Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt.....	31.68	1.84
				<i>For >10 To 50, Deduct</i>	-0.77	
				<i>For >50 To 100, Deduct</i>	-1.95	
				<i>For >100, Deduct</i>	-3.89	
05 05 23 00-0053	EA			1-1/4" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....	35.78	1.96
				<i>For >10 To 50, Deduct</i>	-0.82	
				<i>For >50 To 100, Deduct</i>	-2.12	
				<i>For >100, Deduct</i>	-4.24	
05 05 23 00-0054	EA			1-1/4" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	41.84	2.10
				<i>For >10 To 50, Deduct</i>	-0.87	
				<i>For >50 To 100, Deduct</i>	-2.36	
				<i>For >100, Deduct</i>	-4.71	
05 05 23 00-0055	EA			1-1/4" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt.....	48.92	2.24
				<i>For >10 To 50, Deduct</i>	-0.93	
				<i>For >50 To 100, Deduct</i>	-2.62	
				<i>For >100, Deduct</i>	-5.24	
05 05 23 00-0056				Galvanized A325 High Strength Structural Bolts <small>(05 05 23 00-0053)</small>		
				Note: Includes A325 heavy hex nut and structural washer.		
05 05 23 00-0057	EA			1/2" Diameter x 1-1/2" Long, Galvanized A325 High Strength Structural Bolt.....	13.19	1.31
				<i>For >10 To 50, Deduct</i>	-0.55	
				<i>For >50 To 100, Deduct</i>	-1.15	
				<i>For >100, Deduct</i>	-2.30	
05 05 23 00-0058	EA			1/2" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt.....	13.37	1.31
				<i>For >10 To 50, Deduct</i>	-0.55	
				<i>For >50 To 100, Deduct</i>	-1.16	
				<i>For >100, Deduct</i>	-2.31	
05 05 23 00-0059	EA			5/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt.....	14.83	1.31
				<i>For >10 To 50, Deduct</i>	-0.55	
				<i>For >50 To 100, Deduct</i>	-1.19	
				<i>For >100, Deduct</i>	-2.38	
05 05 23 00-0060	EA			5/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt.....	17.55	1.50
				<i>For >10 To 50, Deduct</i>	-0.63	
				<i>For >50 To 100, Deduct</i>	-1.38	
				<i>For >100, Deduct</i>	-2.75	
05 05 23 00-0061	EA			5/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt.....	18.55	1.57
				<i>For >10 To 50, Deduct</i>	-0.65	
				<i>For >50 To 100, Deduct</i>	-1.44	
				<i>For >100, Deduct</i>	-2.89	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0062	EA	3/4" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt.....	15.38	1.31
		<i>For >10 To 50, Deduct</i>	-0.55	
		<i>For >50 To 100, Deduct</i>	-1.21	
		<i>For >100, Deduct</i>	-2.41	
05 05 23 00-0063	EA	3/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt.....	18.61	1.50
		<i>For >10 To 50, Deduct</i>	-0.63	
		<i>For >50 To 100, Deduct</i>	-1.40	
		<i>For >100, Deduct</i>	-2.81	
05 05 23 00-0064	EA	3/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt.....	21.33	1.57
		<i>For >10 To 50, Deduct</i>	-0.65	
		<i>For >50 To 100, Deduct</i>	-1.51	
		<i>For >100, Deduct</i>	-3.03	
05 05 23 00-0065	EA	3/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt.....	27.10	1.65
		<i>For >10 To 50, Deduct</i>	-0.69	
		<i>For >50 To 100, Deduct</i>	-1.71	
		<i>For >100, Deduct</i>	-3.42	
05 05 23 00-0066	EA	7/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt.....	20.17	1.42
		<i>For >10 To 50, Deduct</i>	-0.59	
		<i>For >50 To 100, Deduct</i>	-1.40	
		<i>For >100, Deduct</i>	-2.79	
05 05 23 00-0067	EA	7/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt.....	22.55	1.57
		<i>For >10 To 50, Deduct</i>	-0.65	
		<i>For >50 To 100, Deduct</i>	-1.54	
		<i>For >100, Deduct</i>	-3.08	
05 05 23 00-0068	EA	7/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt.....	25.75	1.65
		<i>For >10 To 50, Deduct</i>	-0.69	
		<i>For >50 To 100, Deduct</i>	-1.68	
		<i>For >100, Deduct</i>	-3.35	
05 05 23 00-0069	EA	7/8" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt.....	31.93	1.73
		<i>For >10 To 50, Deduct</i>	-0.72	
		<i>For >50 To 100, Deduct</i>	-1.88	
		<i>For >100, Deduct</i>	-3.76	
05 05 23 00-0070	EA	1" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt.....	21.24	1.48
		<i>For >10 To 50, Deduct</i>	-0.62	
		<i>For >50 To 100, Deduct</i>	-1.46	
		<i>For >100, Deduct</i>	-2.91	
05 05 23 00-0071	EA	1" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt.....	27.96	1.65
		<i>For >10 To 50, Deduct</i>	-0.69	
		<i>For >50 To 100, Deduct</i>	-1.73	
		<i>For >100, Deduct</i>	-3.46	
05 05 23 00-0072	EA	1" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt.....	30.52	1.73
		<i>For >10 To 50, Deduct</i>	-0.72	
		<i>For >50 To 100, Deduct</i>	-1.85	
		<i>For >100, Deduct</i>	-3.69	
05 05 23 00-0073	EA	1" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt.....	38.57	1.84
		<i>For >10 To 50, Deduct</i>	-0.77	
		<i>For >50 To 100, Deduct</i>	-2.12	
		<i>For >100, Deduct</i>	-4.24	
05 05 23 00-0074	EA	1-1/4" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt.....	38.34	1.84
		<i>For >10 To 50, Deduct</i>	-0.77	
		<i>For >50 To 100, Deduct</i>	-2.11	
		<i>For >100, Deduct</i>	-4.22	
05 05 23 00-0075	EA	1-1/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt.....	40.88	1.96
		<i>For >10 To 50, Deduct</i>	-0.82	
		<i>For >50 To 100, Deduct</i>	-2.25	
		<i>For >100, Deduct</i>	-4.49	
05 05 23 00-0076	EA	1-1/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt.....	47.67	2.10
		<i>For >10 To 50, Deduct</i>	-0.87	
		<i>For >50 To 100, Deduct</i>	-2.50	
		<i>For >100, Deduct</i>	-5.01	
05 05 23 00-0077	EA	1-1/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt.....	55.01	2.24
		<i>For >10 To 50, Deduct</i>	-0.93	
		<i>For >50 To 100, Deduct</i>	-2.77	
		<i>For >100, Deduct</i>	-5.55	

05 05 23 00-0078 A490 High Strength Structural Bolts (05 05 23 00-0001)

Note: Includes A490 heavy hex nut and two structural washers.

05 05 23 00-0079 Plain Finish A490 High Strength Structural Bolts (05 05 23 00-0078)

05 05 23 00-0080	EA	5/8" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt.....	14.16	1.31
		<i>For >10 To 50, Deduct</i>	-0.55	
		<i>For >50 To 100, Deduct</i>	-1.18	
		<i>For >100, Deduct</i>	-2.35	
05 05 23 00-0081	EA	5/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt.....	19.55	1.50
		<i>For >10 To 50, Deduct</i>	-0.63	
		<i>For >50 To 100, Deduct</i>	-1.43	
		<i>For >100, Deduct</i>	-2.85	
05 05 23 00-0082	EA	5/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt.....	20.88	1.57
		<i>For >10 To 50, Deduct</i>	-0.65	
		<i>For >50 To 100, Deduct</i>	-1.50	
		<i>For >100, Deduct</i>	-3.00	
05 05 23 00-0083	EA	3/4" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt.....	15.73	1.31
		<i>For >10 To 50, Deduct</i>	-0.55	
		<i>For >50 To 100, Deduct</i>	-1.21	
		<i>For >100, Deduct</i>	-2.43	
05 05 23 00-0084	EA	3/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt.....	18.95	1.50
		<i>For >10 To 50, Deduct</i>	-0.63	
		<i>For >50 To 100, Deduct</i>	-1.41	
		<i>For >100, Deduct</i>	-2.82	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0085	EA			3/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt.....	21.89	1.57
				<i>For >10 To 50, Deduct</i>	-0.65	
				<i>For >50 To 100, Deduct</i>	-1.53	
				<i>For >100, Deduct</i>	-3.06	
05 05 23 00-0086	EA			3/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt.....	27.80	1.65
				<i>For >10 To 50, Deduct</i>	-0.69	
				<i>For >50 To 100, Deduct</i>	-1.73	
				<i>For >100, Deduct</i>	-3.45	
05 05 23 00-0087	EA			7/8" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt.....	18.17	1.42
				<i>For >10 To 50, Deduct</i>	-0.59	
				<i>For >50 To 100, Deduct</i>	-1.35	
				<i>For >100, Deduct</i>	-2.69	
05 05 23 00-0088	EA			7/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt.....	21.10	1.57
				<i>For >10 To 50, Deduct</i>	-0.65	
				<i>For >50 To 100, Deduct</i>	-1.51	
				<i>For >100, Deduct</i>	-3.01	
05 05 23 00-0089	EA			7/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt.....	29.88	1.65
				<i>For >10 To 50, Deduct</i>	-0.69	
				<i>For >50 To 100, Deduct</i>	-1.78	
				<i>For >100, Deduct</i>	-3.56	
05 05 23 00-0090	EA			1" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt.....	21.19	1.48
				<i>For >10 To 50, Deduct</i>	-0.62	
				<i>For >50 To 100, Deduct</i>	-1.46	
				<i>For >100, Deduct</i>	-2.91	
05 05 23 00-0091	EA			1" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt.....	25.20	1.65
				<i>For >10 To 50, Deduct</i>	-0.69	
				<i>For >50 To 100, Deduct</i>	-1.66	
				<i>For >100, Deduct</i>	-3.32	
05 05 23 00-0092	EA			1" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt.....	28.82	1.73
				<i>For >10 To 50, Deduct</i>	-0.72	
				<i>For >50 To 100, Deduct</i>	-1.80	
				<i>For >100, Deduct</i>	-3.61	
05 05 23 00-0093	EA			1-1/4" Diameter x 3" Long, Plain Finish A490 High Strength Structural Bolt.....	35.71	1.84
				<i>For >10 To 50, Deduct</i>	-0.77	
				<i>For >50 To 100, Deduct</i>	-2.05	
				<i>For >100, Deduct</i>	-4.09	
05 05 23 00-0094	EA			1-1/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt.....	45.41	1.96
				<i>For >10 To 50, Deduct</i>	-0.82	
				<i>For >50 To 100, Deduct</i>	-2.36	
				<i>For >100, Deduct</i>	-4.72	
05 05 23 00-0095	EA			1-1/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt.....	47.83	2.10
				<i>For >10 To 50, Deduct</i>	-0.87	
				<i>For >50 To 100, Deduct</i>	-2.51	
				<i>For >100, Deduct</i>	-5.01	
05 05 23 00-0096	EA			1-1/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt.....	49.95	2.24
				<i>For >10 To 50, Deduct</i>	-0.93	
				<i>For >50 To 100, Deduct</i>	-2.65	
				<i>For >100, Deduct</i>	-5.29	
05 05 23 00-0097				Hex Head Bolts <small>(05 05 23 00-0001)</small>		
05 05 23 00-0098				Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0097)</small>		
05 05 23 00-0099				1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0098)</small>		
05 05 23 00-0100	EA			1/4" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.42	
				<i>For >100 To 250, Deduct</i>	-1.47	
				<i>For >250 To 500, Deduct</i>	-1.83	
				<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0101	EA			1/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.44	
				<i>For >100 To 250, Deduct</i>	-1.47	
				<i>For >250 To 500, Deduct</i>	-1.83	
				<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0102	EA			1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.51	
				<i>For >100 To 250, Deduct</i>	-1.47	
				<i>For >250 To 500, Deduct</i>	-1.83	
				<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0103	EA			1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.54	
				<i>For >100 To 250, Deduct</i>	-1.47	
				<i>For >250 To 500, Deduct</i>	-1.83	
				<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0104	EA			1/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.79	
				<i>For >100 To 250, Deduct</i>	-1.51	
				<i>For >250 To 500, Deduct</i>	-1.89	
				<i>For >500, Deduct</i>	-2.26	
05 05 23 00-0105	EA			1/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.82	
				<i>For >100 To 250, Deduct</i>	-1.51	
				<i>For >250 To 500, Deduct</i>	-1.89	
				<i>For >500, Deduct</i>	-2.26	
05 05 23 00-0106	EA			1/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.91	
				<i>For >100 To 250, Deduct</i>	-1.51	
				<i>For >250 To 500, Deduct</i>	-1.89	
				<i>For >500, Deduct</i>	-2.26	
05 05 23 00-0107	EA			1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.13	
				<i>For >100 To 250, Deduct</i>	-1.55	
				<i>For >250 To 500, Deduct</i>	-1.94	
				<i>For >500, Deduct</i>	-2.33	

05 Metals

05 05 Common Work Results for Metals

05 05 23 Metal Fastenings

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0108	EA	1/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.17	
		<i>For >100 To 250, Deduct</i>	-1.55	
		<i>For >250 To 500, Deduct</i>	-1.94	
		<i>For >500, Deduct</i>	-2.33	
05 05 23 00-0109	EA	1/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.32	
		<i>For >100 To 250, Deduct</i>	-1.55	
		<i>For >250 To 500, Deduct</i>	-1.94	
		<i>For >500, Deduct</i>	-2.33	
05 05 23 00-0110	EA	1/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.64	
		<i>For >100 To 250, Deduct</i>	-1.59	
		<i>For >250 To 500, Deduct</i>	-1.99	
		<i>For >500, Deduct</i>	-2.39	
05 05 23 00-0111	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.76	
		<i>For >100 To 250, Deduct</i>	-1.59	
		<i>For >250 To 500, Deduct</i>	-1.99	
		<i>For >500, Deduct</i>	-2.39	
05 05 23 00-0112	EA	1/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.92	
		<i>For >100 To 250, Deduct</i>	-1.59	
		<i>For >250 To 500, Deduct</i>	-1.99	
		<i>For >500, Deduct</i>	-2.39	
05 05 23 00-0113	EA	1/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.46	
		<i>For >100 To 250, Deduct</i>	-1.63	
		<i>For >250 To 500, Deduct</i>	-2.04	
		<i>For >500, Deduct</i>	-2.45	
05 05 23 00-0114	EA	1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.70	
		<i>For >100 To 250, Deduct</i>	-1.63	
		<i>For >250 To 500, Deduct</i>	-2.04	
		<i>For >500, Deduct</i>	-2.45	
05 05 23 00-0115	EA	1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.76	
		<i>For >100 To 250, Deduct</i>	-1.63	
		<i>For >250 To 500, Deduct</i>	-2.04	
		<i>For >500, Deduct</i>	-2.45	
05 05 23 00-0116	EA	5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0098)</small>	7.48	
		<i>For >100 To 250, Deduct</i>	-1.47	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0118	EA	5/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.50	
		<i>For >100 To 250, Deduct</i>	-1.47	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0119	EA	5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.55	
		<i>For >100 To 250, Deduct</i>	-1.47	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0120	EA	5/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.60	
		<i>For >100 To 250, Deduct</i>	-1.47	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0121	EA	5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.86	
		<i>For >100 To 250, Deduct</i>	-1.51	
		<i>For >250 To 500, Deduct</i>	-1.89	
		<i>For >500, Deduct</i>	-2.26	
05 05 23 00-0122	EA	5/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.96	
		<i>For >100 To 250, Deduct</i>	-1.51	
		<i>For >250 To 500, Deduct</i>	-1.89	
		<i>For >500, Deduct</i>	-2.26	
05 05 23 00-0123	EA	5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.00	
		<i>For >100 To 250, Deduct</i>	-1.51	
		<i>For >250 To 500, Deduct</i>	-1.89	
		<i>For >500, Deduct</i>	-2.26	
05 05 23 00-0124	EA	5/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.31	
		<i>For >100 To 250, Deduct</i>	-1.55	
		<i>For >250 To 500, Deduct</i>	-1.94	
		<i>For >500, Deduct</i>	-2.33	
05 05 23 00-0125	EA	5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.46	
		<i>For >100 To 250, Deduct</i>	-1.55	
		<i>For >250 To 500, Deduct</i>	-1.94	
		<i>For >500, Deduct</i>	-2.33	
05 05 23 00-0126	EA	5/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.51	
		<i>For >100 To 250, Deduct</i>	-1.55	
		<i>For >250 To 500, Deduct</i>	-1.94	
		<i>For >500, Deduct</i>	-2.33	
05 05 23 00-0127	EA	5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.77	
		<i>For >100 To 250, Deduct</i>	-1.59	
		<i>For >250 To 500, Deduct</i>	-1.99	
		<i>For >500, Deduct</i>	-2.39	
05 05 23 00-0128	EA	5/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.83	
		<i>For >100 To 250, Deduct</i>	-1.59	
		<i>For >250 To 500, Deduct</i>	-1.99	
		<i>For >500, Deduct</i>	-2.39	
05 05 23 00-0129	EA	5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.38	
		<i>For >100 To 250, Deduct</i>	-1.59	
		<i>For >250 To 500, Deduct</i>	-1.99	
		<i>For >500, Deduct</i>	-2.39	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 05 23 00-0130	EA	5/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....		9.86	
		<i>For >100 To 250, Deduct</i>		-1.63	
		<i>For >250 To 500, Deduct</i>		-2.04	
		<i>For >500, Deduct</i>		-2.45	
05 05 23 00-0131	EA	5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....		10.10	
		<i>For >100 To 250, Deduct</i>		-1.63	
		<i>For >250 To 500, Deduct</i>		-2.04	
		<i>For >500, Deduct</i>		-2.45	
05 05 23 00-0132	EA	5/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....		10.33	
		<i>For >100 To 250, Deduct</i>		-1.63	
		<i>For >250 To 500, Deduct</i>		-2.04	
		<i>For >500, Deduct</i>		-2.45	

05 05 23 00-0133 3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0099)

05 05 23 00-0134	EA	3/8" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....		7.54	
		<i>For >100 To 250, Deduct</i>		-1.47	
		<i>For >250 To 500, Deduct</i>		-1.83	
		<i>For >500, Deduct</i>		-2.20	
05 05 23 00-0135	EA	3/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....		7.57	
		<i>For >100 To 250, Deduct</i>		-1.47	
		<i>For >250 To 500, Deduct</i>		-1.83	
		<i>For >500, Deduct</i>		-2.20	
05 05 23 00-0136	EA	3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....		7.64	
		<i>For >100 To 250, Deduct</i>		-1.47	
		<i>For >250 To 500, Deduct</i>		-1.83	
		<i>For >500, Deduct</i>		-2.20	
05 05 23 00-0137	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....		7.71	
		<i>For >100 To 250, Deduct</i>		-1.47	
		<i>For >250 To 500, Deduct</i>		-1.83	
		<i>For >500, Deduct</i>		-2.20	
05 05 23 00-0138	EA	3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....		7.99	
		<i>For >100 To 250, Deduct</i>		-1.51	
		<i>For >250 To 500, Deduct</i>		-1.89	
		<i>For >500, Deduct</i>		-2.26	
05 05 23 00-0139	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....		8.12	
		<i>For >100 To 250, Deduct</i>		-1.51	
		<i>For >250 To 500, Deduct</i>		-1.89	
		<i>For >500, Deduct</i>		-2.26	
05 05 23 00-0140	EA	3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....		8.24	
		<i>For >100 To 250, Deduct</i>		-1.51	
		<i>For >250 To 500, Deduct</i>		-1.89	
		<i>For >500, Deduct</i>		-2.26	
05 05 23 00-0141	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....		8.58	
		<i>For >100 To 250, Deduct</i>		-1.55	
		<i>For >250 To 500, Deduct</i>		-1.94	
		<i>For >500, Deduct</i>		-2.33	
05 05 23 00-0142	EA	3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....		8.75	
		<i>For >100 To 250, Deduct</i>		-1.55	
		<i>For >250 To 500, Deduct</i>		-1.94	
		<i>For >500, Deduct</i>		-2.33	
05 05 23 00-0143	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....		8.84	
		<i>For >100 To 250, Deduct</i>		-1.55	
		<i>For >250 To 500, Deduct</i>		-1.94	
		<i>For >500, Deduct</i>		-2.33	
05 05 23 00-0144	EA	3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....		9.22	
		<i>For >100 To 250, Deduct</i>		-1.59	
		<i>For >250 To 500, Deduct</i>		-1.99	
		<i>For >500, Deduct</i>		-2.39	
05 05 23 00-0145	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....		9.32	
		<i>For >100 To 250, Deduct</i>		-1.59	
		<i>For >250 To 500, Deduct</i>		-1.99	
		<i>For >500, Deduct</i>		-2.39	
05 05 23 00-0146	EA	3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....		9.38	
		<i>For >100 To 250, Deduct</i>		-1.59	
		<i>For >250 To 500, Deduct</i>		-1.99	
		<i>For >500, Deduct</i>		-2.39	
05 05 23 00-0147	EA	3/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....		9.63	
		<i>For >100 To 250, Deduct</i>		-1.63	
		<i>For >250 To 500, Deduct</i>		-2.04	
		<i>For >500, Deduct</i>		-2.45	
05 05 23 00-0148	EA	3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....		9.73	
		<i>For >100 To 250, Deduct</i>		-1.63	
		<i>For >250 To 500, Deduct</i>		-2.04	
		<i>For >500, Deduct</i>		-2.45	
05 05 23 00-0149	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....		9.88	
		<i>For >100 To 250, Deduct</i>		-1.63	
		<i>For >250 To 500, Deduct</i>		-2.04	
		<i>For >500, Deduct</i>		-2.45	

05 05 23 00-0150 7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0098)

05 05 23 00-0151	EA	7/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....		8.90	
		<i>For >100 To 250, Deduct</i>		-1.67	
		<i>For >250 To 500, Deduct</i>		-2.09	
		<i>For >500, Deduct</i>		-2.51	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0152	EA	7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.00	
		<i>For >100 To 250, Deduct</i>	-1.67	
		<i>For >250 To 500, Deduct</i>	-2.09	
		<i>For >500, Deduct</i>	-2.51	
05 05 23 00-0153	EA	7/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.01	
		<i>For >100 To 250, Deduct</i>	-1.67	
		<i>For >250 To 500, Deduct</i>	-2.09	
		<i>For >500, Deduct</i>	-2.51	
05 05 23 00-0154	EA	7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.37	
		<i>For >100 To 250, Deduct</i>	-1.72	
		<i>For >250 To 500, Deduct</i>	-2.15	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0155	EA	7/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.52	
		<i>For >100 To 250, Deduct</i>	-1.72	
		<i>For >250 To 500, Deduct</i>	-2.15	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0156	EA	7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.65	
		<i>For >100 To 250, Deduct</i>	-1.72	
		<i>For >250 To 500, Deduct</i>	-2.15	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0157	EA	7/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.20	
		<i>For >100 To 250, Deduct</i>	-1.76	
		<i>For >250 To 500, Deduct</i>	-2.20	
		<i>For >500, Deduct</i>	-2.64	
05 05 23 00-0158	EA	7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.30	
		<i>For >100 To 250, Deduct</i>	-1.76	
		<i>For >250 To 500, Deduct</i>	-2.20	
		<i>For >500, Deduct</i>	-2.64	
05 05 23 00-0159	EA	7/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.49	
		<i>For >100 To 250, Deduct</i>	-1.76	
		<i>For >250 To 500, Deduct</i>	-2.20	
		<i>For >500, Deduct</i>	-2.64	
05 05 23 00-0160	EA	7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.02	
		<i>For >100 To 250, Deduct</i>	-1.80	
		<i>For >250 To 500, Deduct</i>	-2.25	
		<i>For >500, Deduct</i>	-2.70	
05 05 23 00-0161	EA	7/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.11	
		<i>For >100 To 250, Deduct</i>	-1.80	
		<i>For >250 To 500, Deduct</i>	-2.25	
		<i>For >500, Deduct</i>	-2.70	
05 05 23 00-0162	EA	7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.35	
		<i>For >100 To 250, Deduct</i>	-1.80	
		<i>For >250 To 500, Deduct</i>	-2.25	
		<i>For >500, Deduct</i>	-2.70	
05 05 23 00-0163	EA	7/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.65	
		<i>For >100 To 250, Deduct</i>	-1.84	
		<i>For >250 To 500, Deduct</i>	-2.30	
		<i>For >500, Deduct</i>	-2.76	
05 05 23 00-0164	EA	7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.86	
		<i>For >100 To 250, Deduct</i>	-1.84	
		<i>For >250 To 500, Deduct</i>	-2.30	
		<i>For >500, Deduct</i>	-2.76	
05 05 23 00-0165	EA	7/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.29	
		<i>For >100 To 250, Deduct</i>	-1.84	
		<i>For >250 To 500, Deduct</i>	-2.30	
		<i>For >500, Deduct</i>	-2.76	
05 05 23 00-0166	EA	1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0098)</small>	8.81	
		<i>For >100 To 250, Deduct</i>	-1.67	
		<i>For >250 To 500, Deduct</i>	-2.09	
		<i>For >500, Deduct</i>	-2.51	
05 05 23 00-0168	EA	1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.94	
		<i>For >100 To 250, Deduct</i>	-1.67	
		<i>For >250 To 500, Deduct</i>	-2.09	
		<i>For >500, Deduct</i>	-2.51	
05 05 23 00-0169	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.06	
		<i>For >100 To 250, Deduct</i>	-1.67	
		<i>For >250 To 500, Deduct</i>	-2.09	
		<i>For >500, Deduct</i>	-2.51	
05 05 23 00-0170	EA	1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.41	
		<i>For >100 To 250, Deduct</i>	-1.72	
		<i>For >250 To 500, Deduct</i>	-2.15	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0171	EA	1/2" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.54	
		<i>For >100 To 250, Deduct</i>	-1.72	
		<i>For >250 To 500, Deduct</i>	-2.15	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0172	EA	1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.67	
		<i>For >100 To 250, Deduct</i>	-1.72	
		<i>For >250 To 500, Deduct</i>	-2.15	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0173	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.05	
		<i>For >100 To 250, Deduct</i>	-1.76	
		<i>For >250 To 500, Deduct</i>	-2.20	
		<i>For >500, Deduct</i>	-2.64	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0174	EA	1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.20	
		<i>For >100 To 250, Deduct</i>	-1.76	
		<i>For >250 To 500, Deduct</i>	-2.20	
		<i>For >500, Deduct</i>	-2.64	
05 05 23 00-0175	EA	1/2" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.47	
		<i>For >100 To 250, Deduct</i>	-1.76	
		<i>For >250 To 500, Deduct</i>	-2.20	
		<i>For >500, Deduct</i>	-2.64	
05 05 23 00-0176	EA	1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.72	
		<i>For >100 To 250, Deduct</i>	-1.80	
		<i>For >250 To 500, Deduct</i>	-2.25	
		<i>For >500, Deduct</i>	-2.70	
05 05 23 00-0177	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.75	
		<i>For >100 To 250, Deduct</i>	-1.80	
		<i>For >250 To 500, Deduct</i>	-2.25	
		<i>For >500, Deduct</i>	-2.70	
05 05 23 00-0178	EA	1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.97	
		<i>For >100 To 250, Deduct</i>	-1.80	
		<i>For >250 To 500, Deduct</i>	-2.25	
		<i>For >500, Deduct</i>	-2.70	
05 05 23 00-0179	EA	1/2" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.38	
		<i>For >100 To 250, Deduct</i>	-1.84	
		<i>For >250 To 500, Deduct</i>	-2.30	
		<i>For >500, Deduct</i>	-2.76	
05 05 23 00-0180	EA	1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.51	
		<i>For >100 To 250, Deduct</i>	-1.84	
		<i>For >250 To 500, Deduct</i>	-2.30	
		<i>For >500, Deduct</i>	-2.76	
05 05 23 00-0181	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.90	
		<i>For >100 To 250, Deduct</i>	-1.84	
		<i>For >250 To 500, Deduct</i>	-2.30	
		<i>For >500, Deduct</i>	-2.76	
05 05 23 00-0182	EA	1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.30	
		<i>For >100 To 250, Deduct</i>	-1.88	
		<i>For >250 To 500, Deduct</i>	-2.36	
		<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0183	EA	1/2" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.44	
		<i>For >100 To 250, Deduct</i>	-1.88	
		<i>For >250 To 500, Deduct</i>	-2.36	
		<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0184	EA	1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.98	
		<i>For >100 To 250, Deduct</i>	-1.88	
		<i>For >250 To 500, Deduct</i>	-2.36	
		<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0185	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.13	
		<i>For >100 To 250, Deduct</i>	-1.88	
		<i>For >250 To 500, Deduct</i>	-2.36	
		<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0186		9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0098)</small>		
05 05 23 00-0187	EA	9/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.94	
		<i>For >100 To 250, Deduct</i>	-1.67	
		<i>For >250 To 500, Deduct</i>	-2.09	
		<i>For >500, Deduct</i>	-2.51	
05 05 23 00-0188	EA	9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.11	
		<i>For >100 To 250, Deduct</i>	-1.67	
		<i>For >250 To 500, Deduct</i>	-2.09	
		<i>For >500, Deduct</i>	-2.51	
05 05 23 00-0189	EA	9/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.15	
		<i>For >100 To 250, Deduct</i>	-1.67	
		<i>For >250 To 500, Deduct</i>	-2.09	
		<i>For >500, Deduct</i>	-2.51	
05 05 23 00-0190	EA	9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.93	
		<i>For >100 To 250, Deduct</i>	-1.72	
		<i>For >250 To 500, Deduct</i>	-2.15	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0191	EA	9/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.15	
		<i>For >100 To 250, Deduct</i>	-1.72	
		<i>For >250 To 500, Deduct</i>	-2.15	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0192	EA	9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.23	
		<i>For >100 To 250, Deduct</i>	-1.72	
		<i>For >250 To 500, Deduct</i>	-2.15	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0193	EA	9/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.47	
		<i>For >100 To 250, Deduct</i>	-1.76	
		<i>For >250 To 500, Deduct</i>	-2.20	
		<i>For >500, Deduct</i>	-2.64	
05 05 23 00-0194	EA	9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.52	
		<i>For >100 To 250, Deduct</i>	-1.76	
		<i>For >250 To 500, Deduct</i>	-2.20	
		<i>For >500, Deduct</i>	-2.64	
05 05 23 00-0195	EA	9/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.71	
		<i>For >100 To 250, Deduct</i>	-1.76	
		<i>For >250 To 500, Deduct</i>	-2.20	
		<i>For >500, Deduct</i>	-2.64	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0196	EA	9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.97	
		<i>For >100 To 250, Deduct</i>	-1.80	
		<i>For >250 To 500, Deduct</i>	-2.25	
		<i>For >500, Deduct</i>	-2.70	
05 05 23 00-0197	EA	9/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.03	
		<i>For >100 To 250, Deduct</i>	-1.80	
		<i>For >250 To 500, Deduct</i>	-2.25	
		<i>For >500, Deduct</i>	-2.70	
05 05 23 00-0198	EA	9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.20	
		<i>For >100 To 250, Deduct</i>	-1.80	
		<i>For >250 To 500, Deduct</i>	-2.25	
		<i>For >500, Deduct</i>	-2.70	
05 05 23 00-0199	EA	9/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.58	
		<i>For >100 To 250, Deduct</i>	-1.84	
		<i>For >250 To 500, Deduct</i>	-2.30	
		<i>For >500, Deduct</i>	-2.76	
05 05 23 00-0200	EA	9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.78	
		<i>For >100 To 250, Deduct</i>	-1.84	
		<i>For >250 To 500, Deduct</i>	-2.30	
		<i>For >500, Deduct</i>	-2.76	
05 05 23 00-0201	EA	9/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.98	
		<i>For >100 To 250, Deduct</i>	-1.84	
		<i>For >250 To 500, Deduct</i>	-2.30	
		<i>For >500, Deduct</i>	-2.76	
05 05 23 00-0202	EA	9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.37	
		<i>For >100 To 250, Deduct</i>	-1.88	
		<i>For >250 To 500, Deduct</i>	-2.36	
		<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0203	EA	9/16" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.61	
		<i>For >100 To 250, Deduct</i>	-1.88	
		<i>For >250 To 500, Deduct</i>	-2.36	
		<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0204	EA	9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.76	
		<i>For >100 To 250, Deduct</i>	-1.88	
		<i>For >250 To 500, Deduct</i>	-2.36	
		<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0205	EA	9/16" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.01	
		<i>For >100 To 250, Deduct</i>	-1.88	
		<i>For >250 To 500, Deduct</i>	-2.36	
		<i>For >500, Deduct</i>	-2.83	

05 05 23 00-0206 5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0098)

05 05 23 00-0207	EA	5/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.37	
		<i>For >100 To 250, Deduct</i>	-1.88	
		<i>For >250 To 500, Deduct</i>	-2.36	
		<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0208	EA	5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.48	
		<i>For >100 To 250, Deduct</i>	-1.88	
		<i>For >250 To 500, Deduct</i>	-2.36	
		<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0209	EA	5/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.63	
		<i>For >100 To 250, Deduct</i>	-1.88	
		<i>For >250 To 500, Deduct</i>	-2.36	
		<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0210	EA	5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.04	
		<i>For >100 To 250, Deduct</i>	-1.93	
		<i>For >250 To 500, Deduct</i>	-2.41	
		<i>For >500, Deduct</i>	-2.89	
05 05 23 00-0211	EA	5/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.27	
		<i>For >100 To 250, Deduct</i>	-1.93	
		<i>For >250 To 500, Deduct</i>	-2.41	
		<i>For >500, Deduct</i>	-2.89	
05 05 23 00-0212	EA	5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.54	
		<i>For >100 To 250, Deduct</i>	-1.93	
		<i>For >250 To 500, Deduct</i>	-2.41	
		<i>For >500, Deduct</i>	-2.89	
05 05 23 00-0213	EA	5/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.10	
		<i>For >100 To 250, Deduct</i>	-1.97	
		<i>For >250 To 500, Deduct</i>	-2.46	
		<i>For >500, Deduct</i>	-2.95	
05 05 23 00-0214	EA	5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.53	
		<i>For >100 To 250, Deduct</i>	-1.97	
		<i>For >250 To 500, Deduct</i>	-2.46	
		<i>For >500, Deduct</i>	-2.95	
05 05 23 00-0215	EA	5/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.86	
		<i>For >100 To 250, Deduct</i>	-1.97	
		<i>For >250 To 500, Deduct</i>	-2.46	
		<i>For >500, Deduct</i>	-2.95	
05 05 23 00-0216	EA	5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.20	
		<i>For >100 To 250, Deduct</i>	-2.01	
		<i>For >250 To 500, Deduct</i>	-2.51	
		<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0217	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.25	
		<i>For >100 To 250, Deduct</i>	-2.01	
		<i>For >250 To 500, Deduct</i>	-2.51	
		<i>For >500, Deduct</i>	-3.02	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST

05 05 23 00-0218	EA		5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.81	
			<i>For >100 To 250, Deduct</i>	-2.01	
			<i>For >250 To 500, Deduct</i>	-2.51	
			<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0219	EA		5/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.34	
			<i>For >100 To 250, Deduct</i>	-2.05	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0220	EA		5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.78	
			<i>For >100 To 250, Deduct</i>	-2.05	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0221	EA		5/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.30	
			<i>For >100 To 250, Deduct</i>	-2.05	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0222	EA		5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.07	
			<i>For >100 To 250, Deduct</i>	-2.09	
			<i>For >250 To 500, Deduct</i>	-2.62	
			<i>For >500, Deduct</i>	-3.14	
05 05 23 00-0223	EA		5/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.58	
			<i>For >100 To 250, Deduct</i>	-2.09	
			<i>For >250 To 500, Deduct</i>	-2.62	
			<i>For >500, Deduct</i>	-3.14	
05 05 23 00-0224	EA		5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.10	
			<i>For >100 To 250, Deduct</i>	-2.09	
			<i>For >250 To 500, Deduct</i>	-2.62	
			<i>For >500, Deduct</i>	-3.14	
05 05 23 00-0225	EA		5/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.50	
			<i>For >100 To 250, Deduct</i>	-2.09	
			<i>For >250 To 500, Deduct</i>	-2.62	
			<i>For >500, Deduct</i>	-3.14	
05 05 23 00-0226			3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05)</small>		
			<small>23 00-0098</small>		
05 05 23 00-0227	EA		3/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.75	
			<i>For >100 To 250, Deduct</i>	-1.88	
			<i>For >250 To 500, Deduct</i>	-2.36	
			<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0228	EA		3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.98	
			<i>For >100 To 250, Deduct</i>	-1.88	
			<i>For >250 To 500, Deduct</i>	-2.36	
			<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0229	EA		3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.19	
			<i>For >100 To 250, Deduct</i>	-1.88	
			<i>For >250 To 500, Deduct</i>	-2.36	
			<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0230	EA		3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.67	
			<i>For >100 To 250, Deduct</i>	-1.93	
			<i>For >250 To 500, Deduct</i>	-2.41	
			<i>For >500, Deduct</i>	-2.89	
05 05 23 00-0231	EA		3/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.00	
			<i>For >100 To 250, Deduct</i>	-1.93	
			<i>For >250 To 500, Deduct</i>	-2.41	
			<i>For >500, Deduct</i>	-2.89	
05 05 23 00-0232	EA		3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.28	
			<i>For >100 To 250, Deduct</i>	-1.93	
			<i>For >250 To 500, Deduct</i>	-2.41	
			<i>For >500, Deduct</i>	-2.89	
05 05 23 00-0233	EA		3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.81	
			<i>For >100 To 250, Deduct</i>	-1.97	
			<i>For >250 To 500, Deduct</i>	-2.46	
			<i>For >500, Deduct</i>	-2.95	
05 05 23 00-0234	EA		3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.22	
			<i>For >100 To 250, Deduct</i>	-1.97	
			<i>For >250 To 500, Deduct</i>	-2.46	
			<i>For >500, Deduct</i>	-2.95	
05 05 23 00-0235	EA		3/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.53	
			<i>For >100 To 250, Deduct</i>	-1.97	
			<i>For >250 To 500, Deduct</i>	-2.46	
			<i>For >500, Deduct</i>	-2.95	
05 05 23 00-0236	EA		3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.40	
			<i>For >100 To 250, Deduct</i>	-2.01	
			<i>For >250 To 500, Deduct</i>	-2.51	
			<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0237	EA		3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.67	
			<i>For >100 To 250, Deduct</i>	-2.01	
			<i>For >250 To 500, Deduct</i>	-2.51	
			<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0238	EA		3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.17	
			<i>For >100 To 250, Deduct</i>	-2.01	
			<i>For >250 To 500, Deduct</i>	-2.51	
			<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0239	EA		3/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.41	
			<i>For >100 To 250, Deduct</i>	-2.05	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	

05 Metals

05 05 Common Work Results for Metals

05 05 23 Metal Fastenings

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0240	EA	3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.58
		<i>For >100 To 250, Deduct</i>	-2.05
		<i>For >250 To 500, Deduct</i>	-2.57
		<i>For >500, Deduct</i>	-3.08
05 05 23 00-0241	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.12
		<i>For >100 To 250, Deduct</i>	-2.05
		<i>For >250 To 500, Deduct</i>	-2.57
		<i>For >500, Deduct</i>	-3.08
05 05 23 00-0242	EA	3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.03
		<i>For >100 To 250, Deduct</i>	-2.09
		<i>For >250 To 500, Deduct</i>	-2.62
		<i>For >500, Deduct</i>	-3.14
05 05 23 00-0243	EA	3/4" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.57
		<i>For >100 To 250, Deduct</i>	-2.09
		<i>For >250 To 500, Deduct</i>	-2.62
		<i>For >500, Deduct</i>	-3.14
05 05 23 00-0244	EA	3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.29
		<i>For >100 To 250, Deduct</i>	-2.09
		<i>For >250 To 500, Deduct</i>	-2.62
		<i>For >500, Deduct</i>	-3.14
05 05 23 00-0245	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.99
		<i>For >100 To 250, Deduct</i>	-2.09
		<i>For >250 To 500, Deduct</i>	-2.62
		<i>For >500, Deduct</i>	-3.14

05 05 23 00-0246 7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0098)

05 05 23 00-0247	EA	7/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.01
		<i>For >100 To 250, Deduct</i>	-2.09
		<i>For >250 To 500, Deduct</i>	-2.62
		<i>For >500, Deduct</i>	-3.14
05 05 23 00-0248	EA	7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.20
		<i>For >100 To 250, Deduct</i>	-2.09
		<i>For >250 To 500, Deduct</i>	-2.62
		<i>For >500, Deduct</i>	-3.14
05 05 23 00-0249	EA	7/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.29
		<i>For >100 To 250, Deduct</i>	-2.09
		<i>For >250 To 500, Deduct</i>	-2.62
		<i>For >500, Deduct</i>	-3.14
05 05 23 00-0250	EA	7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.78
		<i>For >100 To 250, Deduct</i>	-2.14
		<i>For >250 To 500, Deduct</i>	-2.67
		<i>For >500, Deduct</i>	-3.20
05 05 23 00-0251	EA	7/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.31
		<i>For >100 To 250, Deduct</i>	-2.14
		<i>For >250 To 500, Deduct</i>	-2.67
		<i>For >500, Deduct</i>	-3.20
05 05 23 00-0252	EA	7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.93
		<i>For >100 To 250, Deduct</i>	-2.14
		<i>For >250 To 500, Deduct</i>	-2.67
		<i>For >500, Deduct</i>	-3.20
05 05 23 00-0253	EA	7/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.66
		<i>For >100 To 250, Deduct</i>	-2.18
		<i>For >250 To 500, Deduct</i>	-2.72
		<i>For >500, Deduct</i>	-3.27
05 05 23 00-0254	EA	7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.56
		<i>For >100 To 250, Deduct</i>	-2.18
		<i>For >250 To 500, Deduct</i>	-2.72
		<i>For >500, Deduct</i>	-3.27
05 05 23 00-0255	EA	7/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.06
		<i>For >100 To 250, Deduct</i>	-2.18
		<i>For >250 To 500, Deduct</i>	-2.72
		<i>For >500, Deduct</i>	-3.27
05 05 23 00-0256	EA	7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.66
		<i>For >100 To 250, Deduct</i>	-2.22
		<i>For >250 To 500, Deduct</i>	-2.78
		<i>For >500, Deduct</i>	-3.33
05 05 23 00-0257	EA	7/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.96
		<i>For >100 To 250, Deduct</i>	-2.22
		<i>For >250 To 500, Deduct</i>	-2.78
		<i>For >500, Deduct</i>	-3.33
05 05 23 00-0258	EA	7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.67
		<i>For >100 To 250, Deduct</i>	-2.22
		<i>For >250 To 500, Deduct</i>	-2.78
		<i>For >500, Deduct</i>	-3.33
05 05 23 00-0259	EA	7/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.59
		<i>For >100 To 250, Deduct</i>	-2.26
		<i>For >250 To 500, Deduct</i>	-2.83
		<i>For >500, Deduct</i>	-3.39
05 05 23 00-0260	EA	7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.31
		<i>For >100 To 250, Deduct</i>	-2.26
		<i>For >250 To 500, Deduct</i>	-2.83
		<i>For >500, Deduct</i>	-3.39
05 05 23 00-0261	EA	7/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	21.02
		<i>For >100 To 250, Deduct</i>	-2.26
		<i>For >250 To 500, Deduct</i>	-2.83
		<i>For >500, Deduct</i>	-3.39

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0262	EA	7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	21.89	
		<i>For >100 To 250, Deduct</i>	-2.30	
		<i>For >250 To 500, Deduct</i>	-2.88	
		<i>For >500, Deduct</i>	-3.45	
05 05 23 00-0263	EA	7/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	22.65	
		<i>For >100 To 250, Deduct</i>	-2.30	
		<i>For >250 To 500, Deduct</i>	-2.88	
		<i>For >500, Deduct</i>	-3.45	
05 05 23 00-0264	EA	7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	23.34	
		<i>For >100 To 250, Deduct</i>	-2.30	
		<i>For >250 To 500, Deduct</i>	-2.88	
		<i>For >500, Deduct</i>	-3.45	
05 05 23 00-0265	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	24.08	
		<i>For >100 To 250, Deduct</i>	-2.30	
		<i>For >250 To 500, Deduct</i>	-2.88	
		<i>For >500, Deduct</i>	-3.45	
05 05 23 00-0266		1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0098)</small>		
05 05 23 00-0267	EA	1" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.88	
		<i>For >100 To 250, Deduct</i>	-2.09	
		<i>For >250 To 500, Deduct</i>	-2.62	
		<i>For >500, Deduct</i>	-3.14	
05 05 23 00-0268	EA	1" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.18	
		<i>For >100 To 250, Deduct</i>	-2.09	
		<i>For >250 To 500, Deduct</i>	-2.62	
		<i>For >500, Deduct</i>	-3.14	
05 05 23 00-0269	EA	1" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.22	
		<i>For >100 To 250, Deduct</i>	-2.14	
		<i>For >250 To 500, Deduct</i>	-2.67	
		<i>For >500, Deduct</i>	-3.20	
05 05 23 00-0270	EA	1" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.25	
		<i>For >100 To 250, Deduct</i>	-2.14	
		<i>For >250 To 500, Deduct</i>	-2.67	
		<i>For >500, Deduct</i>	-3.20	
05 05 23 00-0271	EA	1" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.19	
		<i>For >100 To 250, Deduct</i>	-2.14	
		<i>For >250 To 500, Deduct</i>	-2.67	
		<i>For >500, Deduct</i>	-3.20	
05 05 23 00-0272	EA	1" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.36	
		<i>For >100 To 250, Deduct</i>	-2.18	
		<i>For >250 To 500, Deduct</i>	-2.72	
		<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0273	EA	1" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.26	
		<i>For >100 To 250, Deduct</i>	-2.18	
		<i>For >250 To 500, Deduct</i>	-2.72	
		<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0274	EA	1" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	21.20	
		<i>For >100 To 250, Deduct</i>	-2.18	
		<i>For >250 To 500, Deduct</i>	-2.72	
		<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0275	EA	1" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	21.88	
		<i>For >100 To 250, Deduct</i>	-2.22	
		<i>For >250 To 500, Deduct</i>	-2.78	
		<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0276	EA	1" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	22.32	
		<i>For >100 To 250, Deduct</i>	-2.22	
		<i>For >250 To 500, Deduct</i>	-2.78	
		<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0277	EA	1" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	23.11	
		<i>For >100 To 250, Deduct</i>	-2.22	
		<i>For >250 To 500, Deduct</i>	-2.78	
		<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0278	EA	1" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	24.10	
		<i>For >100 To 250, Deduct</i>	-2.26	
		<i>For >250 To 500, Deduct</i>	-2.83	
		<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0279	EA	1" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	24.88	
		<i>For >100 To 250, Deduct</i>	-2.26	
		<i>For >250 To 500, Deduct</i>	-2.83	
		<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0280	EA	1" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	25.69	
		<i>For >100 To 250, Deduct</i>	-2.26	
		<i>For >250 To 500, Deduct</i>	-2.83	
		<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0281	EA	1" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	26.53	
		<i>For >100 To 250, Deduct</i>	-2.30	
		<i>For >250 To 500, Deduct</i>	-2.88	
		<i>For >500, Deduct</i>	-3.45	
05 05 23 00-0282	EA	1" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	27.45	
		<i>For >100 To 250, Deduct</i>	-2.30	
		<i>For >250 To 500, Deduct</i>	-2.88	
		<i>For >500, Deduct</i>	-3.45	
05 05 23 00-0283	EA	1" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	28.25	
		<i>For >100 To 250, Deduct</i>	-2.30	
		<i>For >250 To 500, Deduct</i>	-2.88	
		<i>For >500, Deduct</i>	-3.45	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0284	EA	1" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	29.07
		<i>For >100 To 250, Deduct</i>	-2.30
		<i>For >250 To 500, Deduct</i>	-2.88
		<i>For >500, Deduct</i>	-3.45
05 05 23 00-0285		Zinc Plated Steel, Grade 5, Hex Head Bolts <small>(05 05 23 00-0097)</small>	
05 05 23 00-0286		1/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts <small>(05 05 23 00-0285)</small>	
05 05 23 00-0287	EA	1/4" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.46
		<i>For >100 To 250, Deduct</i>	-1.47
		<i>For >250 To 500, Deduct</i>	-1.83
		<i>For >500, Deduct</i>	-2.20
05 05 23 00-0288	EA	1/4" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.51
		<i>For >100 To 250, Deduct</i>	-1.47
		<i>For >250 To 500, Deduct</i>	-1.83
		<i>For >500, Deduct</i>	-2.20
05 05 23 00-0289	EA	1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.54
		<i>For >100 To 250, Deduct</i>	-1.47
		<i>For >250 To 500, Deduct</i>	-1.83
		<i>For >500, Deduct</i>	-2.20
05 05 23 00-0290	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.61
		<i>For >100 To 250, Deduct</i>	-1.47
		<i>For >250 To 500, Deduct</i>	-1.83
		<i>For >500, Deduct</i>	-2.20
05 05 23 00-0291	EA	1/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.89
		<i>For >100 To 250, Deduct</i>	-1.51
		<i>For >250 To 500, Deduct</i>	-1.89
		<i>For >500, Deduct</i>	-2.26
05 05 23 00-0292	EA	1/4" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.01
		<i>For >100 To 250, Deduct</i>	-1.51
		<i>For >250 To 500, Deduct</i>	-1.89
		<i>For >500, Deduct</i>	-2.26
05 05 23 00-0293	EA	1/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.14
		<i>For >100 To 250, Deduct</i>	-1.51
		<i>For >250 To 500, Deduct</i>	-1.89
		<i>For >500, Deduct</i>	-2.26
05 05 23 00-0294	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.46
		<i>For >100 To 250, Deduct</i>	-1.55
		<i>For >250 To 500, Deduct</i>	-1.94
		<i>For >500, Deduct</i>	-2.33
05 05 23 00-0295	EA	1/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.62
		<i>For >100 To 250, Deduct</i>	-1.55
		<i>For >250 To 500, Deduct</i>	-1.94
		<i>For >500, Deduct</i>	-2.33
05 05 23 00-0296	EA	1/4" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.74
		<i>For >100 To 250, Deduct</i>	-1.55
		<i>For >250 To 500, Deduct</i>	-1.94
		<i>For >500, Deduct</i>	-2.33
05 05 23 00-0297	EA	1/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.06
		<i>For >100 To 250, Deduct</i>	-1.59
		<i>For >250 To 500, Deduct</i>	-1.99
		<i>For >500, Deduct</i>	-2.39
05 05 23 00-0298	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.17
		<i>For >100 To 250, Deduct</i>	-1.59
		<i>For >250 To 500, Deduct</i>	-1.99
		<i>For >500, Deduct</i>	-2.39
05 05 23 00-0299	EA	1/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.28
		<i>For >100 To 250, Deduct</i>	-1.59
		<i>For >250 To 500, Deduct</i>	-1.99
		<i>For >500, Deduct</i>	-2.39
05 05 23 00-0300	EA	1/4" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.61
		<i>For >100 To 250, Deduct</i>	-1.63
		<i>For >250 To 500, Deduct</i>	-2.04
		<i>For >500, Deduct</i>	-2.45
05 05 23 00-0301	EA	1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.76
		<i>For >100 To 250, Deduct</i>	-1.63
		<i>For >250 To 500, Deduct</i>	-2.04
		<i>For >500, Deduct</i>	-2.45
05 05 23 00-0302	EA	1/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.91
		<i>For >100 To 250, Deduct</i>	-1.63
		<i>For >250 To 500, Deduct</i>	-2.04
		<i>For >500, Deduct</i>	-2.45
05 05 23 00-0303		5/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts <small>(05 05 23 00-0285)</small>	
05 05 23 00-0304	EA	5/16" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.54
		<i>For >100 To 250, Deduct</i>	-1.47
		<i>For >250 To 500, Deduct</i>	-1.83
		<i>For >500, Deduct</i>	-2.20
05 05 23 00-0305	EA	5/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.57
		<i>For >100 To 250, Deduct</i>	-1.47
		<i>For >250 To 500, Deduct</i>	-1.83
		<i>For >500, Deduct</i>	-2.20
05 05 23 00-0306	EA	5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.62
		<i>For >100 To 250, Deduct</i>	-1.47
		<i>For >250 To 500, Deduct</i>	-1.83
		<i>For >500, Deduct</i>	-2.20

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 05 23 00-0307	EA		5/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.72	
			<i>For >100 To 250, Deduct</i>	-1.47	
			<i>For >250 To 500, Deduct</i>	-1.83	
			<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0308	EA		5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.00	
			<i>For >100 To 250, Deduct</i>	-1.51	
			<i>For >250 To 500, Deduct</i>	-1.89	
			<i>For >500, Deduct</i>	-2.26	
05 05 23 00-0309	EA		5/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.11	
			<i>For >100 To 250, Deduct</i>	-1.51	
			<i>For >250 To 500, Deduct</i>	-1.89	
			<i>For >500, Deduct</i>	-2.26	
05 05 23 00-0310	EA		5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.32	
			<i>For >100 To 250, Deduct</i>	-1.51	
			<i>For >250 To 500, Deduct</i>	-1.89	
			<i>For >500, Deduct</i>	-2.26	
05 05 23 00-0311	EA		5/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.63	
			<i>For >100 To 250, Deduct</i>	-1.55	
			<i>For >250 To 500, Deduct</i>	-1.94	
			<i>For >500, Deduct</i>	-2.33	
05 05 23 00-0312	EA		5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.80	
			<i>For >100 To 250, Deduct</i>	-1.55	
			<i>For >250 To 500, Deduct</i>	-1.94	
			<i>For >500, Deduct</i>	-2.33	
05 05 23 00-0313	EA		5/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.95	
			<i>For >100 To 250, Deduct</i>	-1.55	
			<i>For >250 To 500, Deduct</i>	-1.94	
			<i>For >500, Deduct</i>	-2.33	
05 05 23 00-0314	EA		5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.46	
			<i>For >100 To 250, Deduct</i>	-1.59	
			<i>For >250 To 500, Deduct</i>	-1.99	
			<i>For >500, Deduct</i>	-2.39	
05 05 23 00-0315	EA		5/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.51	
			<i>For >100 To 250, Deduct</i>	-1.59	
			<i>For >250 To 500, Deduct</i>	-1.99	
			<i>For >500, Deduct</i>	-2.39	
05 05 23 00-0316	EA		5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.71	
			<i>For >100 To 250, Deduct</i>	-1.59	
			<i>For >250 To 500, Deduct</i>	-1.99	
			<i>For >500, Deduct</i>	-2.39	
05 05 23 00-0317	EA		5/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.18	
			<i>For >100 To 250, Deduct</i>	-1.63	
			<i>For >250 To 500, Deduct</i>	-2.04	
			<i>For >500, Deduct</i>	-2.45	
05 05 23 00-0318	EA		5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.45	
			<i>For >100 To 250, Deduct</i>	-1.63	
			<i>For >250 To 500, Deduct</i>	-2.04	
			<i>For >500, Deduct</i>	-2.45	
05 05 23 00-0319	EA		5/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.72	
			<i>For >100 To 250, Deduct</i>	-1.63	
			<i>For >250 To 500, Deduct</i>	-2.04	
			<i>For >500, Deduct</i>	-2.45	

05 05 23 00-0320 3/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)

05 05 23 00-0321	EA		3/8" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.59	
			<i>For >100 To 250, Deduct</i>	-1.47	
			<i>For >250 To 500, Deduct</i>	-1.83	
			<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0322	EA		3/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.61	
			<i>For >100 To 250, Deduct</i>	-1.47	
			<i>For >250 To 500, Deduct</i>	-1.83	
			<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0323	EA		3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.71	
			<i>For >100 To 250, Deduct</i>	-1.47	
			<i>For >250 To 500, Deduct</i>	-1.83	
			<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0324	EA		3/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.80	
			<i>For >100 To 250, Deduct</i>	-1.47	
			<i>For >250 To 500, Deduct</i>	-1.83	
			<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0325	EA		3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.12	
			<i>For >100 To 250, Deduct</i>	-1.51	
			<i>For >250 To 500, Deduct</i>	-1.89	
			<i>For >500, Deduct</i>	-2.26	
05 05 23 00-0326	EA		3/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.24	
			<i>For >100 To 250, Deduct</i>	-1.51	
			<i>For >250 To 500, Deduct</i>	-1.89	
			<i>For >500, Deduct</i>	-2.26	
05 05 23 00-0327	EA		3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.42	
			<i>For >100 To 250, Deduct</i>	-1.51	
			<i>For >250 To 500, Deduct</i>	-1.89	
			<i>For >500, Deduct</i>	-2.26	
05 05 23 00-0328	EA		3/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.82	
			<i>For >100 To 250, Deduct</i>	-1.55	
			<i>For >250 To 500, Deduct</i>	-1.94	
			<i>For >500, Deduct</i>	-2.33	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0329	EA	3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.25	
		<i>For >100 To 250, Deduct</i>	-1.55	
		<i>For >250 To 500, Deduct</i>	-1.94	
		<i>For >500, Deduct</i>	-2.33	
05 05 23 00-0330	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.44	
		<i>For >100 To 250, Deduct</i>	-1.55	
		<i>For >250 To 500, Deduct</i>	-1.94	
		<i>For >500, Deduct</i>	-2.33	
05 05 23 00-0331	EA	3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.90	
		<i>For >100 To 250, Deduct</i>	-1.59	
		<i>For >250 To 500, Deduct</i>	-1.99	
		<i>For >500, Deduct</i>	-2.39	
05 05 23 00-0332	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.08	
		<i>For >100 To 250, Deduct</i>	-1.59	
		<i>For >250 To 500, Deduct</i>	-1.99	
		<i>For >500, Deduct</i>	-2.39	
05 05 23 00-0333	EA	3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.40	
		<i>For >100 To 250, Deduct</i>	-1.59	
		<i>For >250 To 500, Deduct</i>	-1.99	
		<i>For >500, Deduct</i>	-2.39	
05 05 23 00-0334	EA	3/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.84	
		<i>For >100 To 250, Deduct</i>	-1.63	
		<i>For >250 To 500, Deduct</i>	-2.04	
		<i>For >500, Deduct</i>	-2.45	
05 05 23 00-0335	EA	3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.26	
		<i>For >100 To 250, Deduct</i>	-1.63	
		<i>For >250 To 500, Deduct</i>	-2.04	
		<i>For >500, Deduct</i>	-2.45	
05 05 23 00-0336	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.60	
		<i>For >100 To 250, Deduct</i>	-1.63	
		<i>For >250 To 500, Deduct</i>	-2.04	
		<i>For >500, Deduct</i>	-2.45	

05 05 23 00-0337 7/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)

05 05 23 00-0338	EA	7/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.82	
		<i>For >100 To 250, Deduct</i>	-1.67	
		<i>For >250 To 500, Deduct</i>	-2.09	
		<i>For >500, Deduct</i>	-2.51	
05 05 23 00-0339	EA	7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.91	
		<i>For >100 To 250, Deduct</i>	-1.67	
		<i>For >250 To 500, Deduct</i>	-2.09	
		<i>For >500, Deduct</i>	-2.51	
05 05 23 00-0340	EA	7/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.13	
		<i>For >100 To 250, Deduct</i>	-1.67	
		<i>For >250 To 500, Deduct</i>	-2.09	
		<i>For >500, Deduct</i>	-2.51	
05 05 23 00-0341	EA	7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.51	
		<i>For >100 To 250, Deduct</i>	-1.72	
		<i>For >250 To 500, Deduct</i>	-2.15	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0342	EA	7/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.66	
		<i>For >100 To 250, Deduct</i>	-1.72	
		<i>For >250 To 500, Deduct</i>	-2.15	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0343	EA	7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.81	
		<i>For >100 To 250, Deduct</i>	-1.72	
		<i>For >250 To 500, Deduct</i>	-2.15	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0344	EA	7/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.21	
		<i>For >100 To 250, Deduct</i>	-1.76	
		<i>For >250 To 500, Deduct</i>	-2.20	
		<i>For >500, Deduct</i>	-2.64	
05 05 23 00-0345	EA	7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.05	
		<i>For >100 To 250, Deduct</i>	-1.76	
		<i>For >250 To 500, Deduct</i>	-2.20	
		<i>For >500, Deduct</i>	-2.64	
05 05 23 00-0346	EA	7/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.42	
		<i>For >100 To 250, Deduct</i>	-1.76	
		<i>For >250 To 500, Deduct</i>	-2.20	
		<i>For >500, Deduct</i>	-2.64	
05 05 23 00-0347	EA	7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.76	
		<i>For >100 To 250, Deduct</i>	-1.80	
		<i>For >250 To 500, Deduct</i>	-2.25	
		<i>For >500, Deduct</i>	-2.70	
05 05 23 00-0348	EA	7/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.93	
		<i>For >100 To 250, Deduct</i>	-1.80	
		<i>For >250 To 500, Deduct</i>	-2.25	
		<i>For >500, Deduct</i>	-2.70	
05 05 23 00-0349	EA	7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.11	
		<i>For >100 To 250, Deduct</i>	-1.80	
		<i>For >250 To 500, Deduct</i>	-2.25	
		<i>For >500, Deduct</i>	-2.70	
05 05 23 00-0350	EA	7/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.55	
		<i>For >100 To 250, Deduct</i>	-1.84	
		<i>For >250 To 500, Deduct</i>	-2.30	
		<i>For >500, Deduct</i>	-2.76	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0351	EA			7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.80	
				<i>For >100 To 250, Deduct</i>	-1.84	
				<i>For >250 To 500, Deduct</i>	-2.30	
				<i>For >500, Deduct</i>	-2.76	
05 05 23 00-0352	EA			7/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	13.04	
				<i>For >100 To 250, Deduct</i>	-1.84	
				<i>For >250 To 500, Deduct</i>	-2.30	
				<i>For >500, Deduct</i>	-2.76	
05 05 23 00-0353				1/2" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)		
05 05 23 00-0354	EA			1/2" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.94	
				<i>For >100 To 250, Deduct</i>	-1.67	
				<i>For >250 To 500, Deduct</i>	-2.09	
				<i>For >500, Deduct</i>	-2.51	
05 05 23 00-0355	EA			1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.05	
				<i>For >100 To 250, Deduct</i>	-1.67	
				<i>For >250 To 500, Deduct</i>	-2.09	
				<i>For >500, Deduct</i>	-2.51	
05 05 23 00-0356	EA			1/2" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.17	
				<i>For >100 To 250, Deduct</i>	-1.67	
				<i>For >250 To 500, Deduct</i>	-2.09	
				<i>For >500, Deduct</i>	-2.51	
05 05 23 00-0357	EA			1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.59	
				<i>For >100 To 250, Deduct</i>	-1.72	
				<i>For >250 To 500, Deduct</i>	-2.15	
				<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0358	EA			1/2" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.78	
				<i>For >100 To 250, Deduct</i>	-1.72	
				<i>For >250 To 500, Deduct</i>	-2.15	
				<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0359	EA			1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.98	
				<i>For >100 To 250, Deduct</i>	-1.72	
				<i>For >250 To 500, Deduct</i>	-2.15	
				<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0360	EA			1/2" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.37	
				<i>For >100 To 250, Deduct</i>	-1.76	
				<i>For >250 To 500, Deduct</i>	-2.20	
				<i>For >500, Deduct</i>	-2.64	
05 05 23 00-0361	EA			1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.03	
				<i>For >100 To 250, Deduct</i>	-1.76	
				<i>For >250 To 500, Deduct</i>	-2.20	
				<i>For >500, Deduct</i>	-2.64	
05 05 23 00-0362	EA			1/2" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.07	
				<i>For >100 To 250, Deduct</i>	-1.76	
				<i>For >250 To 500, Deduct</i>	-2.20	
				<i>For >500, Deduct</i>	-2.64	
05 05 23 00-0363	EA			1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.74	
				<i>For >100 To 250, Deduct</i>	-1.80	
				<i>For >250 To 500, Deduct</i>	-2.25	
				<i>For >500, Deduct</i>	-2.70	
05 05 23 00-0364	EA			1/2" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.99	
				<i>For >100 To 250, Deduct</i>	-1.80	
				<i>For >250 To 500, Deduct</i>	-2.25	
				<i>For >500, Deduct</i>	-2.70	
05 05 23 00-0365	EA			1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.65	
				<i>For >100 To 250, Deduct</i>	-1.80	
				<i>For >250 To 500, Deduct</i>	-2.25	
				<i>For >500, Deduct</i>	-2.70	
05 05 23 00-0366	EA			1/2" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	13.45	
				<i>For >100 To 250, Deduct</i>	-1.84	
				<i>For >250 To 500, Deduct</i>	-2.30	
				<i>For >500, Deduct</i>	-2.76	
05 05 23 00-0367	EA			1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	13.82	
				<i>For >100 To 250, Deduct</i>	-1.84	
				<i>For >250 To 500, Deduct</i>	-2.30	
				<i>For >500, Deduct</i>	-2.76	
05 05 23 00-0368	EA			1/2" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	13.96	
				<i>For >100 To 250, Deduct</i>	-1.84	
				<i>For >250 To 500, Deduct</i>	-2.30	
				<i>For >500, Deduct</i>	-2.76	
05 05 23 00-0369	EA			1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	14.85	
				<i>For >100 To 250, Deduct</i>	-1.88	
				<i>For >250 To 500, Deduct</i>	-2.36	
				<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0370	EA			1/2" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	15.49	
				<i>For >100 To 250, Deduct</i>	-1.88	
				<i>For >250 To 500, Deduct</i>	-2.36	
				<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0371	EA			1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	16.41	
				<i>For >100 To 250, Deduct</i>	-1.88	
				<i>For >250 To 500, Deduct</i>	-2.36	
				<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0372	EA			1/2" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	16.76	
				<i>For >100 To 250, Deduct</i>	-1.88	
				<i>For >250 To 500, Deduct</i>	-2.36	
				<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0373				9/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)		

05 Metals

05 05 Common Work Results for Metals

05 05 23 Metal Fastenings

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0374	EA	9/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.29	
		<i>For >100 To 250, Deduct</i>	-1.67	
		<i>For >250 To 500, Deduct</i>	-2.09	
		<i>For >500, Deduct</i>	-2.51	
05 05 23 00-0375	EA	9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.51	
		<i>For >100 To 250, Deduct</i>	-1.67	
		<i>For >250 To 500, Deduct</i>	-2.09	
		<i>For >500, Deduct</i>	-2.51	
05 05 23 00-0376	EA	9/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.70	
		<i>For >100 To 250, Deduct</i>	-1.67	
		<i>For >250 To 500, Deduct</i>	-2.09	
		<i>For >500, Deduct</i>	-2.51	
05 05 23 00-0377	EA	9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.12	
		<i>For >100 To 250, Deduct</i>	-1.72	
		<i>For >250 To 500, Deduct</i>	-2.15	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0378	EA	9/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.38	
		<i>For >100 To 250, Deduct</i>	-1.72	
		<i>For >250 To 500, Deduct</i>	-2.15	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0379	EA	9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.68	
		<i>For >100 To 250, Deduct</i>	-1.72	
		<i>For >250 To 500, Deduct</i>	-2.15	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0380	EA	9/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.23	
		<i>For >100 To 250, Deduct</i>	-1.76	
		<i>For >250 To 500, Deduct</i>	-2.20	
		<i>For >500, Deduct</i>	-2.64	
05 05 23 00-0381	EA	9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.38	
		<i>For >100 To 250, Deduct</i>	-1.76	
		<i>For >250 To 500, Deduct</i>	-2.20	
		<i>For >500, Deduct</i>	-2.64	
05 05 23 00-0382	EA	9/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.68	
		<i>For >100 To 250, Deduct</i>	-1.76	
		<i>For >250 To 500, Deduct</i>	-2.20	
		<i>For >500, Deduct</i>	-2.64	
05 05 23 00-0383	EA	9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.22	
		<i>For >100 To 250, Deduct</i>	-1.80	
		<i>For >250 To 500, Deduct</i>	-2.25	
		<i>For >500, Deduct</i>	-2.70	
05 05 23 00-0384	EA	9/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.54	
		<i>For >100 To 250, Deduct</i>	-1.80	
		<i>For >250 To 500, Deduct</i>	-2.25	
		<i>For >500, Deduct</i>	-2.70	
05 05 23 00-0385	EA	9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.61	
		<i>For >100 To 250, Deduct</i>	-1.80	
		<i>For >250 To 500, Deduct</i>	-2.25	
		<i>For >500, Deduct</i>	-2.70	
05 05 23 00-0386	EA	9/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.11	
		<i>For >100 To 250, Deduct</i>	-1.84	
		<i>For >250 To 500, Deduct</i>	-2.30	
		<i>For >500, Deduct</i>	-2.76	
05 05 23 00-0387	EA	9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.55	
		<i>For >100 To 250, Deduct</i>	-1.84	
		<i>For >250 To 500, Deduct</i>	-2.30	
		<i>For >500, Deduct</i>	-2.76	
05 05 23 00-0388	EA	9/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.28	
		<i>For >100 To 250, Deduct</i>	-1.84	
		<i>For >250 To 500, Deduct</i>	-2.30	
		<i>For >500, Deduct</i>	-2.76	
05 05 23 00-0389	EA	9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.18	
		<i>For >100 To 250, Deduct</i>	-1.88	
		<i>For >250 To 500, Deduct</i>	-2.36	
		<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0390	EA	9/16" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.44	
		<i>For >100 To 250, Deduct</i>	-1.88	
		<i>For >250 To 500, Deduct</i>	-2.36	
		<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0391	EA	9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.71	
		<i>For >100 To 250, Deduct</i>	-1.88	
		<i>For >250 To 500, Deduct</i>	-2.36	
		<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0392	EA	9/16" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.37	
		<i>For >100 To 250, Deduct</i>	-1.88	
		<i>For >250 To 500, Deduct</i>	-2.36	
		<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0393		5/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts <small>(05 05 23 00-0285)</small>		
05 05 23 00-0394	EA	5/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.57	
		<i>For >100 To 250, Deduct</i>	-1.88	
		<i>For >250 To 500, Deduct</i>	-2.36	
		<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0395	EA	5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.64	
		<i>For >100 To 250, Deduct</i>	-1.88	
		<i>For >250 To 500, Deduct</i>	-2.36	
		<i>For >500, Deduct</i>	-2.83	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 05 23 00-0396	EA		5/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.70	
			<i>For >100 To 250, Deduct</i>	-1.88	
			<i>For >250 To 500, Deduct</i>	-2.36	
			<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0397	EA		5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.12	
			<i>For >100 To 250, Deduct</i>	-1.93	
			<i>For >250 To 500, Deduct</i>	-2.41	
			<i>For >500, Deduct</i>	-2.89	
05 05 23 00-0398	EA		5/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.47	
			<i>For >100 To 250, Deduct</i>	-1.93	
			<i>For >250 To 500, Deduct</i>	-2.41	
			<i>For >500, Deduct</i>	-2.89	
05 05 23 00-0399	EA		5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.79	
			<i>For >100 To 250, Deduct</i>	-1.93	
			<i>For >250 To 500, Deduct</i>	-2.41	
			<i>For >500, Deduct</i>	-2.89	
05 05 23 00-0400	EA		5/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.32	
			<i>For >100 To 250, Deduct</i>	-1.97	
			<i>For >250 To 500, Deduct</i>	-2.46	
			<i>For >500, Deduct</i>	-2.95	
05 05 23 00-0401	EA		5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.94	
			<i>For >100 To 250, Deduct</i>	-1.97	
			<i>For >250 To 500, Deduct</i>	-2.46	
			<i>For >500, Deduct</i>	-2.95	
05 05 23 00-0402	EA		5/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.27	
			<i>For >100 To 250, Deduct</i>	-1.97	
			<i>For >250 To 500, Deduct</i>	-2.46	
			<i>For >500, Deduct</i>	-2.95	
05 05 23 00-0403	EA		5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	13.65	
			<i>For >100 To 250, Deduct</i>	-2.01	
			<i>For >250 To 500, Deduct</i>	-2.51	
			<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0404	EA		5/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.18	
			<i>For >100 To 250, Deduct</i>	-2.01	
			<i>For >250 To 500, Deduct</i>	-2.51	
			<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0405	EA		5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	15.02	
			<i>For >100 To 250, Deduct</i>	-2.01	
			<i>For >250 To 500, Deduct</i>	-2.51	
			<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0406	EA		5/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.99	
			<i>For >100 To 250, Deduct</i>	-2.05	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0407	EA		5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	16.68	
			<i>For >100 To 250, Deduct</i>	-2.05	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0408	EA		5/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.79	
			<i>For >100 To 250, Deduct</i>	-2.05	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0409	EA		5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	18.24	
			<i>For >100 To 250, Deduct</i>	-2.09	
			<i>For >250 To 500, Deduct</i>	-2.62	
			<i>For >500, Deduct</i>	-3.14	
05 05 23 00-0410	EA		5/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.18	
			<i>For >100 To 250, Deduct</i>	-2.09	
			<i>For >250 To 500, Deduct</i>	-2.62	
			<i>For >500, Deduct</i>	-3.14	
05 05 23 00-0411	EA		5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	20.55	
			<i>For >100 To 250, Deduct</i>	-2.09	
			<i>For >250 To 500, Deduct</i>	-2.62	
			<i>For >500, Deduct</i>	-3.14	
05 05 23 00-0412	EA		5/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	21.02	
			<i>For >100 To 250, Deduct</i>	-2.09	
			<i>For >250 To 500, Deduct</i>	-2.62	
			<i>For >500, Deduct</i>	-3.14	
05 05 23 00-0413			3/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts <small>(05 05 23 00-0285)</small>	11.35	
	EA		3/4" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.35	
			<i>For >100 To 250, Deduct</i>	-1.88	
			<i>For >250 To 500, Deduct</i>	-2.36	
			<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0415	EA		3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.49	
			<i>For >100 To 250, Deduct</i>	-1.88	
			<i>For >250 To 500, Deduct</i>	-2.36	
			<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0416	EA		3/4" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.56	
			<i>For >100 To 250, Deduct</i>	-1.88	
			<i>For >250 To 500, Deduct</i>	-2.36	
			<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0417	EA		3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.07	
			<i>For >100 To 250, Deduct</i>	-1.93	
			<i>For >250 To 500, Deduct</i>	-2.41	
			<i>For >500, Deduct</i>	-2.89	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 05 23 00-0418	EA	3/4" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.42	
		<i>For >100 To 250, Deduct</i>	-1.93	
		<i>For >250 To 500, Deduct</i>	-2.41	
		<i>For >500, Deduct</i>	-2.89	
05 05 23 00-0419	EA	3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.95	
		<i>For >100 To 250, Deduct</i>	-1.93	
		<i>For >250 To 500, Deduct</i>	-2.41	
		<i>For >500, Deduct</i>	-2.89	
05 05 23 00-0420	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.52	
		<i>For >100 To 250, Deduct</i>	-1.97	
		<i>For >250 To 500, Deduct</i>	-2.46	
		<i>For >500, Deduct</i>	-2.95	
05 05 23 00-0421	EA	3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.86	
		<i>For >100 To 250, Deduct</i>	-1.97	
		<i>For >250 To 500, Deduct</i>	-2.46	
		<i>For >500, Deduct</i>	-2.95	
05 05 23 00-0422	EA	3/4" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.59	
		<i>For >100 To 250, Deduct</i>	-1.97	
		<i>For >250 To 500, Deduct</i>	-2.46	
		<i>For >500, Deduct</i>	-2.95	
05 05 23 00-0423	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.12	
		<i>For >100 To 250, Deduct</i>	-2.01	
		<i>For >250 To 500, Deduct</i>	-2.51	
		<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0424	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.72	
		<i>For >100 To 250, Deduct</i>	-2.01	
		<i>For >250 To 500, Deduct</i>	-2.51	
		<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0425	EA	3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.44	
		<i>For >100 To 250, Deduct</i>	-2.01	
		<i>For >250 To 500, Deduct</i>	-2.51	
		<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0426	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.68	
		<i>For >100 To 250, Deduct</i>	-2.05	
		<i>For >250 To 500, Deduct</i>	-2.57	
		<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0427	EA	3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.44	
		<i>For >100 To 250, Deduct</i>	-2.05	
		<i>For >250 To 500, Deduct</i>	-2.57	
		<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0428	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.86	
		<i>For >100 To 250, Deduct</i>	-2.05	
		<i>For >250 To 500, Deduct</i>	-2.57	
		<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0429	EA	3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	20.19	
		<i>For >100 To 250, Deduct</i>	-2.09	
		<i>For >250 To 500, Deduct</i>	-2.62	
		<i>For >500, Deduct</i>	-3.14	
05 05 23 00-0430	EA	3/4" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	20.57	
		<i>For >100 To 250, Deduct</i>	-2.09	
		<i>For >250 To 500, Deduct</i>	-2.62	
		<i>For >500, Deduct</i>	-3.14	
05 05 23 00-0431	EA	3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	21.81	
		<i>For >100 To 250, Deduct</i>	-2.09	
		<i>For >250 To 500, Deduct</i>	-2.62	
		<i>For >500, Deduct</i>	-3.14	
05 05 23 00-0432	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.12	
		<i>For >100 To 250, Deduct</i>	-2.09	
		<i>For >250 To 500, Deduct</i>	-2.62	
		<i>For >500, Deduct</i>	-3.14	

05 05 23 00-0433 7/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)

05 05 23 00-0434	EA	7/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.38	
		<i>For >100 To 250, Deduct</i>	-2.09	
		<i>For >250 To 500, Deduct</i>	-2.62	
		<i>For >500, Deduct</i>	-3.14	
05 05 23 00-0435	EA	7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.55	
		<i>For >100 To 250, Deduct</i>	-2.09	
		<i>For >250 To 500, Deduct</i>	-2.62	
		<i>For >500, Deduct</i>	-3.14	
05 05 23 00-0436	EA	7/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.78	
		<i>For >100 To 250, Deduct</i>	-2.09	
		<i>For >250 To 500, Deduct</i>	-2.62	
		<i>For >500, Deduct</i>	-3.14	
05 05 23 00-0437	EA	7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.24	
		<i>For >100 To 250, Deduct</i>	-2.14	
		<i>For >250 To 500, Deduct</i>	-2.67	
		<i>For >500, Deduct</i>	-3.20	
05 05 23 00-0438	EA	7/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.94	
		<i>For >100 To 250, Deduct</i>	-2.14	
		<i>For >250 To 500, Deduct</i>	-2.67	
		<i>For >500, Deduct</i>	-3.20	
05 05 23 00-0439	EA	7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.40	
		<i>For >100 To 250, Deduct</i>	-2.14	
		<i>For >250 To 500, Deduct</i>	-2.67	
		<i>For >500, Deduct</i>	-3.20	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 05 23 00-0440	EA		7/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.96	
			<i>For >100 To 250, Deduct</i>	-2.18	
			<i>For >250 To 500, Deduct</i>	-2.72	
			<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0441	EA		7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.79	
			<i>For >100 To 250, Deduct</i>	-2.18	
			<i>For >250 To 500, Deduct</i>	-2.72	
			<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0442	EA		7/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.42	
			<i>For >100 To 250, Deduct</i>	-2.18	
			<i>For >250 To 500, Deduct</i>	-2.72	
			<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0443	EA		7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.93	
			<i>For >100 To 250, Deduct</i>	-2.22	
			<i>For >250 To 500, Deduct</i>	-2.78	
			<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0444	EA		7/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.45	
			<i>For >100 To 250, Deduct</i>	-2.22	
			<i>For >250 To 500, Deduct</i>	-2.78	
			<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0445	EA		7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	20.68	
			<i>For >100 To 250, Deduct</i>	-2.22	
			<i>For >250 To 500, Deduct</i>	-2.78	
			<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0446	EA		7/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	21.68	
			<i>For >100 To 250, Deduct</i>	-2.26	
			<i>For >250 To 500, Deduct</i>	-2.83	
			<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0447	EA		7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.66	
			<i>For >100 To 250, Deduct</i>	-2.26	
			<i>For >250 To 500, Deduct</i>	-2.83	
			<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0448	EA		7/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.72	
			<i>For >100 To 250, Deduct</i>	-2.26	
			<i>For >250 To 500, Deduct</i>	-2.83	
			<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0449	EA		7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	24.34	
			<i>For >100 To 250, Deduct</i>	-2.30	
			<i>For >250 To 500, Deduct</i>	-2.88	
			<i>For >500, Deduct</i>	-3.45	
05 05 23 00-0450	EA		7/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	25.29	
			<i>For >100 To 250, Deduct</i>	-2.30	
			<i>For >250 To 500, Deduct</i>	-2.88	
			<i>For >500, Deduct</i>	-3.45	
05 05 23 00-0451	EA		7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	26.11	
			<i>For >100 To 250, Deduct</i>	-2.30	
			<i>For >250 To 500, Deduct</i>	-2.88	
			<i>For >500, Deduct</i>	-3.45	
05 05 23 00-0452	EA		7/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	26.93	
			<i>For >100 To 250, Deduct</i>	-2.30	
			<i>For >250 To 500, Deduct</i>	-2.88	
			<i>For >500, Deduct</i>	-3.45	

05 05 23 00-0453 1" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)

05 05 23 00-0454	EA		1" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.94	
			<i>For >100 To 250, Deduct</i>	-2.09	
			<i>For >250 To 500, Deduct</i>	-2.62	
			<i>For >500, Deduct</i>	-3.14	
05 05 23 00-0455	EA		1" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.99	
			<i>For >100 To 250, Deduct</i>	-2.09	
			<i>For >250 To 500, Deduct</i>	-2.62	
			<i>For >500, Deduct</i>	-3.14	
05 05 23 00-0456	EA		1" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.73	
			<i>For >100 To 250, Deduct</i>	-2.14	
			<i>For >250 To 500, Deduct</i>	-2.67	
			<i>For >500, Deduct</i>	-3.20	
05 05 23 00-0457	EA		1" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.41	
			<i>For >100 To 250, Deduct</i>	-2.14	
			<i>For >250 To 500, Deduct</i>	-2.67	
			<i>For >500, Deduct</i>	-3.20	
05 05 23 00-0458	EA		1" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.91	
			<i>For >100 To 250, Deduct</i>	-2.14	
			<i>For >250 To 500, Deduct</i>	-2.67	
			<i>For >500, Deduct</i>	-3.20	
05 05 23 00-0459	EA		1" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.76	
			<i>For >100 To 250, Deduct</i>	-2.18	
			<i>For >250 To 500, Deduct</i>	-2.72	
			<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0460	EA		1" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.56	
			<i>For >100 To 250, Deduct</i>	-2.18	
			<i>For >250 To 500, Deduct</i>	-2.72	
			<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0461	EA		1" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.71	
			<i>For >100 To 250, Deduct</i>	-2.18	
			<i>For >250 To 500, Deduct</i>	-2.72	
			<i>For >500, Deduct</i>	-3.27	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0462	EA	1" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	20.75	
		<i>For >100 To 250, Deduct</i>	-2.22	
		<i>For >250 To 500, Deduct</i>	-2.78	
		<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0463	EA	1" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	21.00	
		<i>For >100 To 250, Deduct</i>	-2.22	
		<i>For >250 To 500, Deduct</i>	-2.78	
		<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0464	EA	1" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.61	
		<i>For >100 To 250, Deduct</i>	-2.22	
		<i>For >250 To 500, Deduct</i>	-2.78	
		<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0465	EA	1" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	23.86	
		<i>For >100 To 250, Deduct</i>	-2.26	
		<i>For >250 To 500, Deduct</i>	-2.83	
		<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0466	EA	1" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	25.58	
		<i>For >100 To 250, Deduct</i>	-2.26	
		<i>For >250 To 500, Deduct</i>	-2.83	
		<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0467	EA	1" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	26.07	
		<i>For >100 To 250, Deduct</i>	-2.26	
		<i>For >250 To 500, Deduct</i>	-2.83	
		<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0468	EA	1" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	31.78	
		<i>For >100 To 250, Deduct</i>	-2.30	
		<i>For >250 To 500, Deduct</i>	-2.88	
		<i>For >500, Deduct</i>	-3.45	
05 05 23 00-0469	EA	1" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	32.21	
		<i>For >100 To 250, Deduct</i>	-2.30	
		<i>For >250 To 500, Deduct</i>	-2.88	
		<i>For >500, Deduct</i>	-3.45	
05 05 23 00-0470	EA	1" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	33.39	
		<i>For >100 To 250, Deduct</i>	-2.30	
		<i>For >250 To 500, Deduct</i>	-2.88	
		<i>For >500, Deduct</i>	-3.45	
05 05 23 00-0471	EA	1" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	34.20	
		<i>For >100 To 250, Deduct</i>	-2.30	
		<i>For >250 To 500, Deduct</i>	-2.88	
		<i>For >500, Deduct</i>	-3.45	

05 05 23 00-0472 Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0097)

05 05 23 00-0473 1/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)

05 05 23 00-0474	EA	1/4" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.49	
		<i>For >100 To 250, Deduct</i>	-1.47	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0475	EA	1/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.57	
		<i>For >100 To 250, Deduct</i>	-1.47	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0476	EA	1/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.61	
		<i>For >100 To 250, Deduct</i>	-1.47	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0477	EA	1/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.70	
		<i>For >100 To 250, Deduct</i>	-1.47	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0478	EA	1/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.96	
		<i>For >100 To 250, Deduct</i>	-1.51	
		<i>For >250 To 500, Deduct</i>	-1.89	
		<i>For >500, Deduct</i>	-2.26	
05 05 23 00-0479	EA	1/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.06	
		<i>For >100 To 250, Deduct</i>	-1.51	
		<i>For >250 To 500, Deduct</i>	-1.89	
		<i>For >500, Deduct</i>	-2.26	
05 05 23 00-0480	EA	1/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.15	
		<i>For >100 To 250, Deduct</i>	-1.51	
		<i>For >250 To 500, Deduct</i>	-1.89	
		<i>For >500, Deduct</i>	-2.26	
05 05 23 00-0481	EA	1/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.37	
		<i>For >100 To 250, Deduct</i>	-1.55	
		<i>For >250 To 500, Deduct</i>	-1.94	
		<i>For >500, Deduct</i>	-2.33	
05 05 23 00-0482	EA	1/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.64	
		<i>For >100 To 250, Deduct</i>	-1.55	
		<i>For >250 To 500, Deduct</i>	-1.94	
		<i>For >500, Deduct</i>	-2.33	
05 05 23 00-0483	EA	1/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.89	
		<i>For >100 To 250, Deduct</i>	-1.55	
		<i>For >250 To 500, Deduct</i>	-1.94	
		<i>For >500, Deduct</i>	-2.33	
05 05 23 00-0484	EA	1/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.22	
		<i>For >100 To 250, Deduct</i>	-1.59	
		<i>For >250 To 500, Deduct</i>	-1.99	
		<i>For >500, Deduct</i>	-2.39	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 05 23 00-0485	EA		1/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.36	
			<i>For >100 To 250, Deduct</i>	-1.59	
			<i>For >250 To 500, Deduct</i>	-1.99	
			<i>For >500, Deduct</i>	-2.39	
05 05 23 00-0486	EA		1/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.53	
			<i>For >100 To 250, Deduct</i>	-1.59	
			<i>For >250 To 500, Deduct</i>	-1.99	
			<i>For >500, Deduct</i>	-2.39	
05 05 23 00-0487	EA		1/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.85	
			<i>For >100 To 250, Deduct</i>	-1.63	
			<i>For >250 To 500, Deduct</i>	-2.04	
			<i>For >500, Deduct</i>	-2.45	
05 05 23 00-0488	EA		1/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.18	
			<i>For >100 To 250, Deduct</i>	-1.63	
			<i>For >250 To 500, Deduct</i>	-2.04	
			<i>For >500, Deduct</i>	-2.45	
05 05 23 00-0489	EA		1/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.33	
			<i>For >100 To 250, Deduct</i>	-1.63	
			<i>For >250 To 500, Deduct</i>	-2.04	
			<i>For >500, Deduct</i>	-2.45	
05 05 23 00-0490			5/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts <small>(05 05 23 00-0472)</small>		
05 05 23 00-0491	EA		5/16" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.56	
			<i>For >100 To 250, Deduct</i>	-1.47	
			<i>For >250 To 500, Deduct</i>	-1.83	
			<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0492	EA		5/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.61	
			<i>For >100 To 250, Deduct</i>	-1.47	
			<i>For >250 To 500, Deduct</i>	-1.83	
			<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0493	EA		5/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.77	
			<i>For >100 To 250, Deduct</i>	-1.47	
			<i>For >250 To 500, Deduct</i>	-1.83	
			<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0494	EA		5/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.80	
			<i>For >100 To 250, Deduct</i>	-1.47	
			<i>For >250 To 500, Deduct</i>	-1.83	
			<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0495	EA		5/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.10	
			<i>For >100 To 250, Deduct</i>	-1.51	
			<i>For >250 To 500, Deduct</i>	-1.89	
			<i>For >500, Deduct</i>	-2.26	
05 05 23 00-0496	EA		5/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.33	
			<i>For >100 To 250, Deduct</i>	-1.51	
			<i>For >250 To 500, Deduct</i>	-1.89	
			<i>For >500, Deduct</i>	-2.26	
05 05 23 00-0497	EA		5/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.40	
			<i>For >100 To 250, Deduct</i>	-1.51	
			<i>For >250 To 500, Deduct</i>	-1.89	
			<i>For >500, Deduct</i>	-2.26	
05 05 23 00-0498	EA		5/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.75	
			<i>For >100 To 250, Deduct</i>	-1.55	
			<i>For >250 To 500, Deduct</i>	-1.94	
			<i>For >500, Deduct</i>	-2.33	
05 05 23 00-0499	EA		5/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.90	
			<i>For >100 To 250, Deduct</i>	-1.55	
			<i>For >250 To 500, Deduct</i>	-1.94	
			<i>For >500, Deduct</i>	-2.33	
05 05 23 00-0500	EA		5/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.24	
			<i>For >100 To 250, Deduct</i>	-1.55	
			<i>For >250 To 500, Deduct</i>	-1.94	
			<i>For >500, Deduct</i>	-2.33	
05 05 23 00-0501	EA		5/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.65	
			<i>For >100 To 250, Deduct</i>	-1.59	
			<i>For >250 To 500, Deduct</i>	-1.99	
			<i>For >500, Deduct</i>	-2.39	
05 05 23 00-0502	EA		5/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.78	
			<i>For >100 To 250, Deduct</i>	-1.59	
			<i>For >250 To 500, Deduct</i>	-1.99	
			<i>For >500, Deduct</i>	-2.39	
05 05 23 00-0503	EA		5/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.98	
			<i>For >100 To 250, Deduct</i>	-1.59	
			<i>For >250 To 500, Deduct</i>	-1.99	
			<i>For >500, Deduct</i>	-2.39	
05 05 23 00-0504	EA		5/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.32	
			<i>For >100 To 250, Deduct</i>	-1.63	
			<i>For >250 To 500, Deduct</i>	-2.04	
			<i>For >500, Deduct</i>	-2.45	
05 05 23 00-0505	EA		5/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.46	
			<i>For >100 To 250, Deduct</i>	-1.63	
			<i>For >250 To 500, Deduct</i>	-2.04	
			<i>For >500, Deduct</i>	-2.45	
05 05 23 00-0506	EA		5/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.75	
			<i>For >100 To 250, Deduct</i>	-1.63	
			<i>For >250 To 500, Deduct</i>	-2.04	
			<i>For >500, Deduct</i>	-2.45	
05 05 23 00-0507			3/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts <small>(05 05 23 00-0472)</small>		

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0508	EA	3/8" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.73	
		<i>For >100 To 250, Deduct</i>	-1.47	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0509	EA	3/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.74	
		<i>For >100 To 250, Deduct</i>	-1.47	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0510	EA	3/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.76	
		<i>For >100 To 250, Deduct</i>	-1.47	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0511	EA	3/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.94	
		<i>For >100 To 250, Deduct</i>	-1.47	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0512	EA	3/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.26	
		<i>For >100 To 250, Deduct</i>	-1.51	
		<i>For >250 To 500, Deduct</i>	-1.89	
		<i>For >500, Deduct</i>	-2.26	
05 05 23 00-0513	EA	3/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.45	
		<i>For >100 To 250, Deduct</i>	-1.51	
		<i>For >250 To 500, Deduct</i>	-1.89	
		<i>For >500, Deduct</i>	-2.26	
05 05 23 00-0514	EA	3/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.61	
		<i>For >100 To 250, Deduct</i>	-1.51	
		<i>For >250 To 500, Deduct</i>	-1.89	
		<i>For >500, Deduct</i>	-2.26	
05 05 23 00-0515	EA	3/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.35	
		<i>For >100 To 250, Deduct</i>	-1.55	
		<i>For >250 To 500, Deduct</i>	-1.94	
		<i>For >500, Deduct</i>	-2.33	
05 05 23 00-0516	EA	3/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.57	
		<i>For >100 To 250, Deduct</i>	-1.55	
		<i>For >250 To 500, Deduct</i>	-1.94	
		<i>For >500, Deduct</i>	-2.33	
05 05 23 00-0517	EA	3/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.61	
		<i>For >100 To 250, Deduct</i>	-1.55	
		<i>For >250 To 500, Deduct</i>	-1.94	
		<i>For >500, Deduct</i>	-2.33	
05 05 23 00-0518	EA	3/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.90	
		<i>For >100 To 250, Deduct</i>	-1.59	
		<i>For >250 To 500, Deduct</i>	-1.99	
		<i>For >500, Deduct</i>	-2.39	
05 05 23 00-0519	EA	3/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.14	
		<i>For >100 To 250, Deduct</i>	-1.59	
		<i>For >250 To 500, Deduct</i>	-1.99	
		<i>For >500, Deduct</i>	-2.39	
05 05 23 00-0520	EA	3/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.18	
		<i>For >100 To 250, Deduct</i>	-1.59	
		<i>For >250 To 500, Deduct</i>	-1.99	
		<i>For >500, Deduct</i>	-2.39	
05 05 23 00-0521	EA	3/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.62	
		<i>For >100 To 250, Deduct</i>	-1.63	
		<i>For >250 To 500, Deduct</i>	-2.04	
		<i>For >500, Deduct</i>	-2.45	
05 05 23 00-0522	EA	3/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.09	
		<i>For >100 To 250, Deduct</i>	-1.63	
		<i>For >250 To 500, Deduct</i>	-2.04	
		<i>For >500, Deduct</i>	-2.45	
05 05 23 00-0523	EA	3/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.18	
		<i>For >100 To 250, Deduct</i>	-1.63	
		<i>For >250 To 500, Deduct</i>	-2.04	
		<i>For >500, Deduct</i>	-2.45	

05 05 23 00-0524 7/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)

05 05 23 00-0525	EA	7/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.94	
		<i>For >100 To 250, Deduct</i>	-1.67	
		<i>For >250 To 500, Deduct</i>	-2.09	
		<i>For >500, Deduct</i>	-2.51	
05 05 23 00-0526	EA	7/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.97	
		<i>For >100 To 250, Deduct</i>	-1.67	
		<i>For >250 To 500, Deduct</i>	-2.09	
		<i>For >500, Deduct</i>	-2.51	
05 05 23 00-0527	EA	7/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.27	
		<i>For >100 To 250, Deduct</i>	-1.67	
		<i>For >250 To 500, Deduct</i>	-2.09	
		<i>For >500, Deduct</i>	-2.51	
05 05 23 00-0528	EA	7/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.50	
		<i>For >100 To 250, Deduct</i>	-1.72	
		<i>For >250 To 500, Deduct</i>	-2.15	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0529	EA	7/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.83	
		<i>For >100 To 250, Deduct</i>	-1.72	
		<i>For >250 To 500, Deduct</i>	-2.15	
		<i>For >500, Deduct</i>	-2.57	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 05 23 00-0530	EA		7/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.01	
			For >100 To 250, Deduct	-1.72	
			For >250 To 500, Deduct	-2.15	
			For >500, Deduct	-2.57	
05 05 23 00-0531	EA		7/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.26	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0532	EA		7/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.99	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0533	EA		7/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.56	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0534	EA		7/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.16	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.70	
05 05 23 00-0535	EA		7/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.37	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.70	
05 05 23 00-0536	EA		7/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.66	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.70	
05 05 23 00-0537	EA		7/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.31	
			For >100 To 250, Deduct	-1.84	
			For >250 To 500, Deduct	-2.30	
			For >500, Deduct	-2.76	
05 05 23 00-0538	EA		7/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.27	
			For >100 To 250, Deduct	-1.84	
			For >250 To 500, Deduct	-2.30	
			For >500, Deduct	-2.76	
05 05 23 00-0539	EA		7/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	14.35	
			For >100 To 250, Deduct	-1.84	
			For >250 To 500, Deduct	-2.30	
			For >500, Deduct	-2.76	

05 05 23 00-0540 1/2" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)

05 05 23 00-0541	EA		1/2" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.14	
			For >100 To 250, Deduct	-1.67	
			For >250 To 500, Deduct	-2.09	
			For >500, Deduct	-2.51	
05 05 23 00-0542	EA		1/2" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.35	
			For >100 To 250, Deduct	-1.67	
			For >250 To 500, Deduct	-2.09	
			For >500, Deduct	-2.51	
05 05 23 00-0543	EA		1/2" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.48	
			For >100 To 250, Deduct	-1.67	
			For >250 To 500, Deduct	-2.09	
			For >500, Deduct	-2.51	
05 05 23 00-0544	EA		1/2" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.83	
			For >100 To 250, Deduct	-1.72	
			For >250 To 500, Deduct	-2.15	
			For >500, Deduct	-2.57	
05 05 23 00-0545	EA		1/2" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.07	
			For >100 To 250, Deduct	-1.72	
			For >250 To 500, Deduct	-2.15	
			For >500, Deduct	-2.57	
05 05 23 00-0546	EA		1/2" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.60	
			For >100 To 250, Deduct	-1.72	
			For >250 To 500, Deduct	-2.15	
			For >500, Deduct	-2.57	
05 05 23 00-0547	EA		1/2" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.18	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0548	EA		1/2" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.49	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0549	EA		1/2" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.71	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0550	EA		1/2" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.31	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.70	
05 05 23 00-0551	EA		1/2" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.98	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.70	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0552	EA	1/2" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.60	
		<i>For >100 To 250, Deduct</i>	-1.80	
		<i>For >250 To 500, Deduct</i>	-2.25	
		<i>For >500, Deduct</i>	-2.70	
05 05 23 00-0553	EA	1/2" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.33	
		<i>For >100 To 250, Deduct</i>	-1.84	
		<i>For >250 To 500, Deduct</i>	-2.30	
		<i>For >500, Deduct</i>	-2.76	
05 05 23 00-0554	EA	1/2" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.60	
		<i>For >100 To 250, Deduct</i>	-1.84	
		<i>For >250 To 500, Deduct</i>	-2.30	
		<i>For >500, Deduct</i>	-2.76	
05 05 23 00-0555	EA	1/2" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.37	
		<i>For >100 To 250, Deduct</i>	-1.84	
		<i>For >250 To 500, Deduct</i>	-2.30	
		<i>For >500, Deduct</i>	-2.76	
05 05 23 00-0556	EA	1/2" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.85	
		<i>For >100 To 250, Deduct</i>	-1.88	
		<i>For >250 To 500, Deduct</i>	-2.36	
		<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0557	EA	1/2" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.40	
		<i>For >100 To 250, Deduct</i>	-1.88	
		<i>For >250 To 500, Deduct</i>	-2.36	
		<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0558	EA	1/2" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.69	
		<i>For >100 To 250, Deduct</i>	-1.88	
		<i>For >250 To 500, Deduct</i>	-2.36	
		<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0559	EA	1/2" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.06	
		<i>For >100 To 250, Deduct</i>	-1.88	
		<i>For >250 To 500, Deduct</i>	-2.36	
		<i>For >500, Deduct</i>	-2.83	

05 05 23 00-0560 9/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)

05 05 23 00-0561	EA	9/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.33	
		<i>For >100 To 250, Deduct</i>	-1.67	
		<i>For >250 To 500, Deduct</i>	-2.09	
		<i>For >500, Deduct</i>	-2.51	
05 05 23 00-0562	EA	9/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.46	
		<i>For >100 To 250, Deduct</i>	-1.67	
		<i>For >250 To 500, Deduct</i>	-2.09	
		<i>For >500, Deduct</i>	-2.51	
05 05 23 00-0563	EA	9/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.76	
		<i>For >100 To 250, Deduct</i>	-1.67	
		<i>For >250 To 500, Deduct</i>	-2.09	
		<i>For >500, Deduct</i>	-2.51	
05 05 23 00-0564	EA	9/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.41	
		<i>For >100 To 250, Deduct</i>	-1.72	
		<i>For >250 To 500, Deduct</i>	-2.15	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0565	EA	9/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.51	
		<i>For >100 To 250, Deduct</i>	-1.72	
		<i>For >250 To 500, Deduct</i>	-2.15	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0566	EA	9/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.95	
		<i>For >100 To 250, Deduct</i>	-1.72	
		<i>For >250 To 500, Deduct</i>	-2.15	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0567	EA	9/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.44	
		<i>For >100 To 250, Deduct</i>	-1.76	
		<i>For >250 To 500, Deduct</i>	-2.20	
		<i>For >500, Deduct</i>	-2.64	
05 05 23 00-0568	EA	9/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.87	
		<i>For >100 To 250, Deduct</i>	-1.76	
		<i>For >250 To 500, Deduct</i>	-2.20	
		<i>For >500, Deduct</i>	-2.64	
05 05 23 00-0569	EA	9/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.14	
		<i>For >100 To 250, Deduct</i>	-1.76	
		<i>For >250 To 500, Deduct</i>	-2.20	
		<i>For >500, Deduct</i>	-2.64	
05 05 23 00-0570	EA	9/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.59	
		<i>For >100 To 250, Deduct</i>	-1.80	
		<i>For >250 To 500, Deduct</i>	-2.25	
		<i>For >500, Deduct</i>	-2.70	
05 05 23 00-0571	EA	9/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.20	
		<i>For >100 To 250, Deduct</i>	-1.80	
		<i>For >250 To 500, Deduct</i>	-2.25	
		<i>For >500, Deduct</i>	-2.70	
05 05 23 00-0572	EA	9/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.53	
		<i>For >100 To 250, Deduct</i>	-1.80	
		<i>For >250 To 500, Deduct</i>	-2.25	
		<i>For >500, Deduct</i>	-2.70	
05 05 23 00-0573	EA	9/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.46	
		<i>For >100 To 250, Deduct</i>	-1.84	
		<i>For >250 To 500, Deduct</i>	-2.30	
		<i>For >500, Deduct</i>	-2.76	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0574	EA		9/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	22.82	
			<i>For >100 To 250, Deduct</i>	-1.84	
			<i>For >250 To 500, Deduct</i>	-2.30	
			<i>For >500, Deduct</i>	-2.76	
05 05 23 00-0575	EA		9/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	26.48	
			<i>For >100 To 250, Deduct</i>	-1.84	
			<i>For >250 To 500, Deduct</i>	-2.30	
			<i>For >500, Deduct</i>	-2.76	
05 05 23 00-0576			5/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts <small>(05 05 23 00-0472)</small>		
05 05 23 00-0577	EA		5/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.84	
			<i>For >100 To 250, Deduct</i>	-1.88	
			<i>For >250 To 500, Deduct</i>	-2.36	
			<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0578	EA		5/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.97	
			<i>For >100 To 250, Deduct</i>	-1.88	
			<i>For >250 To 500, Deduct</i>	-2.36	
			<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0579	EA		5/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.30	
			<i>For >100 To 250, Deduct</i>	-1.88	
			<i>For >250 To 500, Deduct</i>	-2.36	
			<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0580	EA		5/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.99	
			<i>For >100 To 250, Deduct</i>	-1.93	
			<i>For >250 To 500, Deduct</i>	-2.41	
			<i>For >500, Deduct</i>	-2.89	
05 05 23 00-0581	EA		5/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.38	
			<i>For >100 To 250, Deduct</i>	-1.93	
			<i>For >250 To 500, Deduct</i>	-2.41	
			<i>For >500, Deduct</i>	-2.89	
05 05 23 00-0582	EA		5/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.59	
			<i>For >100 To 250, Deduct</i>	-1.93	
			<i>For >250 To 500, Deduct</i>	-2.41	
			<i>For >500, Deduct</i>	-2.89	
05 05 23 00-0583	EA		5/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.95	
			<i>For >100 To 250, Deduct</i>	-1.97	
			<i>For >250 To 500, Deduct</i>	-2.46	
			<i>For >500, Deduct</i>	-2.95	
05 05 23 00-0584	EA		5/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.65	
			<i>For >100 To 250, Deduct</i>	-1.97	
			<i>For >250 To 500, Deduct</i>	-2.46	
			<i>For >500, Deduct</i>	-2.95	
05 05 23 00-0585	EA		5/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.96	
			<i>For >100 To 250, Deduct</i>	-1.97	
			<i>For >250 To 500, Deduct</i>	-2.46	
			<i>For >500, Deduct</i>	-2.95	
05 05 23 00-0586	EA		5/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.50	
			<i>For >100 To 250, Deduct</i>	-2.01	
			<i>For >250 To 500, Deduct</i>	-2.51	
			<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0587	EA		5/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	14.83	
			<i>For >100 To 250, Deduct</i>	-2.01	
			<i>For >250 To 500, Deduct</i>	-2.51	
			<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0588	EA		5/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.52	
			<i>For >100 To 250, Deduct</i>	-2.01	
			<i>For >250 To 500, Deduct</i>	-2.51	
			<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0589	EA		5/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	17.36	
			<i>For >100 To 250, Deduct</i>	-2.05	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0590	EA		5/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.15	
			<i>For >100 To 250, Deduct</i>	-2.05	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0591	EA		5/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	18.48	
			<i>For >100 To 250, Deduct</i>	-2.05	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0592	EA		5/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.07	
			<i>For >100 To 250, Deduct</i>	-2.09	
			<i>For >250 To 500, Deduct</i>	-2.62	
			<i>For >500, Deduct</i>	-3.14	
05 05 23 00-0593	EA		5/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	21.61	
			<i>For >100 To 250, Deduct</i>	-2.09	
			<i>For >250 To 500, Deduct</i>	-2.62	
			<i>For >500, Deduct</i>	-3.14	
05 05 23 00-0594	EA		5/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	21.72	
			<i>For >100 To 250, Deduct</i>	-2.09	
			<i>For >250 To 500, Deduct</i>	-2.62	
			<i>For >500, Deduct</i>	-3.14	
05 05 23 00-0595	EA		5/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	23.16	
			<i>For >100 To 250, Deduct</i>	-2.09	
			<i>For >250 To 500, Deduct</i>	-2.62	
			<i>For >500, Deduct</i>	-3.14	
05 05 23 00-0596			3/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts <small>(05 05 23 00-0472)</small>		

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0597	EA	3/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.58	
		<i>For >100 To 250, Deduct</i>	-1.88	
		<i>For >250 To 500, Deduct</i>	-2.36	
		<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0598	EA	3/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.71	
		<i>For >100 To 250, Deduct</i>	-1.88	
		<i>For >250 To 500, Deduct</i>	-2.36	
		<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0599	EA	3/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.81	
		<i>For >100 To 250, Deduct</i>	-1.88	
		<i>For >250 To 500, Deduct</i>	-2.36	
		<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0600	EA	3/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.22	
		<i>For >100 To 250, Deduct</i>	-1.93	
		<i>For >250 To 500, Deduct</i>	-2.41	
		<i>For >500, Deduct</i>	-2.89	
05 05 23 00-0601	EA	3/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.51	
		<i>For >100 To 250, Deduct</i>	-1.93	
		<i>For >250 To 500, Deduct</i>	-2.41	
		<i>For >500, Deduct</i>	-2.89	
05 05 23 00-0602	EA	3/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.35	
		<i>For >100 To 250, Deduct</i>	-1.93	
		<i>For >250 To 500, Deduct</i>	-2.41	
		<i>For >500, Deduct</i>	-2.89	
05 05 23 00-0603	EA	3/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.91	
		<i>For >100 To 250, Deduct</i>	-1.97	
		<i>For >250 To 500, Deduct</i>	-2.46	
		<i>For >500, Deduct</i>	-2.95	
05 05 23 00-0604	EA	3/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.98	
		<i>For >100 To 250, Deduct</i>	-1.97	
		<i>For >250 To 500, Deduct</i>	-2.46	
		<i>For >500, Deduct</i>	-2.95	
05 05 23 00-0605	EA	3/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	15.12	
		<i>For >100 To 250, Deduct</i>	-1.97	
		<i>For >250 To 500, Deduct</i>	-2.46	
		<i>For >500, Deduct</i>	-2.95	
05 05 23 00-0606	EA	3/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.74	
		<i>For >100 To 250, Deduct</i>	-2.01	
		<i>For >250 To 500, Deduct</i>	-2.51	
		<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0607	EA	3/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	16.34	
		<i>For >100 To 250, Deduct</i>	-2.01	
		<i>For >250 To 500, Deduct</i>	-2.51	
		<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0608	EA	3/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.45	
		<i>For >100 To 250, Deduct</i>	-2.01	
		<i>For >250 To 500, Deduct</i>	-2.51	
		<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0609	EA	3/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	19.02	
		<i>For >100 To 250, Deduct</i>	-2.05	
		<i>For >250 To 500, Deduct</i>	-2.57	
		<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0610	EA	3/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.61	
		<i>For >100 To 250, Deduct</i>	-2.05	
		<i>For >250 To 500, Deduct</i>	-2.57	
		<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0611	EA	3/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	19.92	
		<i>For >100 To 250, Deduct</i>	-2.05	
		<i>For >250 To 500, Deduct</i>	-2.57	
		<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0612	EA	3/4" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	21.59	
		<i>For >100 To 250, Deduct</i>	-2.09	
		<i>For >250 To 500, Deduct</i>	-2.62	
		<i>For >500, Deduct</i>	-3.14	
05 05 23 00-0613	EA	3/4" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	22.67	
		<i>For >100 To 250, Deduct</i>	-2.09	
		<i>For >250 To 500, Deduct</i>	-2.62	
		<i>For >500, Deduct</i>	-3.14	
05 05 23 00-0614	EA	3/4" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	23.44	
		<i>For >100 To 250, Deduct</i>	-2.09	
		<i>For >250 To 500, Deduct</i>	-2.62	
		<i>For >500, Deduct</i>	-3.14	
05 05 23 00-0615	EA	3/4" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	23.73	
		<i>For >100 To 250, Deduct</i>	-2.09	
		<i>For >250 To 500, Deduct</i>	-2.62	
		<i>For >500, Deduct</i>	-3.14	
05 05 23 00-0616		7/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts <small>(05 05 23 00-0472)</small>		
05 05 23 00-0617	EA	7/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.63	
		<i>For >100 To 250, Deduct</i>	-2.09	
		<i>For >250 To 500, Deduct</i>	-2.62	
		<i>For >500, Deduct</i>	-3.14	
05 05 23 00-0618	EA	7/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	15.00	
		<i>For >100 To 250, Deduct</i>	-2.09	
		<i>For >250 To 500, Deduct</i>	-2.62	
		<i>For >500, Deduct</i>	-3.14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 05 23 00-0619	EA		7/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.77	
			For >100 To 250, Deduct	-2.14	
			For >250 To 500, Deduct	-2.67	
			For >500, Deduct	-3.20	
05 05 23 00-0620	EA		7/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	16.87	
			For >100 To 250, Deduct	-2.14	
			For >250 To 500, Deduct	-2.67	
			For >500, Deduct	-3.20	
05 05 23 00-0621	EA		7/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.00	
			For >100 To 250, Deduct	-2.14	
			For >250 To 500, Deduct	-2.67	
			For >500, Deduct	-3.20	
05 05 23 00-0622	EA		7/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	17.44	
			For >100 To 250, Deduct	-2.18	
			For >250 To 500, Deduct	-2.72	
			For >500, Deduct	-3.27	
05 05 23 00-0623	EA		7/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.11	
			For >100 To 250, Deduct	-2.18	
			For >250 To 500, Deduct	-2.72	
			For >500, Deduct	-3.27	
05 05 23 00-0624	EA		7/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	20.79	
			For >100 To 250, Deduct	-2.18	
			For >250 To 500, Deduct	-2.72	
			For >500, Deduct	-3.27	
05 05 23 00-0625	EA		7/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	22.58	
			For >100 To 250, Deduct	-2.22	
			For >250 To 500, Deduct	-2.78	
			For >500, Deduct	-3.33	
05 05 23 00-0626	EA		7/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	23.58	
			For >100 To 250, Deduct	-2.22	
			For >250 To 500, Deduct	-2.78	
			For >500, Deduct	-3.33	
05 05 23 00-0627	EA		7/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	26.15	
			For >100 To 250, Deduct	-2.22	
			For >250 To 500, Deduct	-2.78	
			For >500, Deduct	-3.33	
05 05 23 00-0628	EA		7/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	27.22	
			For >100 To 250, Deduct	-2.26	
			For >250 To 500, Deduct	-2.83	
			For >500, Deduct	-3.39	
05 05 23 00-0629	EA		7/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	29.88	
			For >100 To 250, Deduct	-2.26	
			For >250 To 500, Deduct	-2.83	
			For >500, Deduct	-3.39	
05 05 23 00-0630	EA		7/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	30.95	
			For >100 To 250, Deduct	-2.26	
			For >250 To 500, Deduct	-2.83	
			For >500, Deduct	-3.39	
05 05 23 00-0631	EA		7/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	32.01	
			For >100 To 250, Deduct	-2.30	
			For >250 To 500, Deduct	-2.88	
			For >500, Deduct	-3.45	
05 05 23 00-0632	EA		7/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	32.32	
			For >100 To 250, Deduct	-2.30	
			For >250 To 500, Deduct	-2.88	
			For >500, Deduct	-3.45	
05 05 23 00-0633	EA		7/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	32.58	
			For >100 To 250, Deduct	-2.30	
			For >250 To 500, Deduct	-2.88	
			For >500, Deduct	-3.45	
05 05 23 00-0634	EA		7/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	33.22	
			For >100 To 250, Deduct	-2.30	
			For >250 To 500, Deduct	-2.88	
			For >500, Deduct	-3.45	

05 05 23 00-0635 1" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)

05 05 23 00-0636	EA		1" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.68	
			For >100 To 250, Deduct	-2.09	
			For >250 To 500, Deduct	-2.62	
			For >500, Deduct	-3.14	
05 05 23 00-0637	EA		1" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.61	
			For >100 To 250, Deduct	-2.09	
			For >250 To 500, Deduct	-2.62	
			For >500, Deduct	-3.14	
05 05 23 00-0638	EA		1" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.23	
			For >100 To 250, Deduct	-2.14	
			For >250 To 500, Deduct	-2.67	
			For >500, Deduct	-3.20	
05 05 23 00-0639	EA		1" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.92	
			For >100 To 250, Deduct	-2.14	
			For >250 To 500, Deduct	-2.67	
			For >500, Deduct	-3.20	
05 05 23 00-0640	EA		1" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.22	
			For >100 To 250, Deduct	-2.14	
			For >250 To 500, Deduct	-2.67	
			For >500, Deduct	-3.20	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0641	EA	1" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	19.77
		<i>For >100 To 250, Deduct</i>	-2.18
		<i>For >250 To 500, Deduct</i>	-2.72
		<i>For >500, Deduct</i>	-3.27
05 05 23 00-0642	EA	1" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.88
		<i>For >100 To 250, Deduct</i>	-2.18
		<i>For >250 To 500, Deduct</i>	-2.72
		<i>For >500, Deduct</i>	-3.27
05 05 23 00-0643	EA	1" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	22.37
		<i>For >100 To 250, Deduct</i>	-2.18
		<i>For >250 To 500, Deduct</i>	-2.72
		<i>For >500, Deduct</i>	-3.27
05 05 23 00-0644	EA	1" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	23.28
		<i>For >100 To 250, Deduct</i>	-2.22
		<i>For >250 To 500, Deduct</i>	-2.78
		<i>For >500, Deduct</i>	-3.33
05 05 23 00-0645	EA	1" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	23.90
		<i>For >100 To 250, Deduct</i>	-2.22
		<i>For >250 To 500, Deduct</i>	-2.78
		<i>For >500, Deduct</i>	-3.33
05 05 23 00-0646	EA	1" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	27.01
		<i>For >100 To 250, Deduct</i>	-2.22
		<i>For >250 To 500, Deduct</i>	-2.78
		<i>For >500, Deduct</i>	-3.33
05 05 23 00-0647	EA	1" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	27.70
		<i>For >100 To 250, Deduct</i>	-2.26
		<i>For >250 To 500, Deduct</i>	-2.83
		<i>For >500, Deduct</i>	-3.39
05 05 23 00-0648	EA	1" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	31.22
		<i>For >100 To 250, Deduct</i>	-2.26
		<i>For >250 To 500, Deduct</i>	-2.83
		<i>For >500, Deduct</i>	-3.39
05 05 23 00-0649	EA	1" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	31.82
		<i>For >100 To 250, Deduct</i>	-2.26
		<i>For >250 To 500, Deduct</i>	-2.83
		<i>For >500, Deduct</i>	-3.39
05 05 23 00-0650	EA	1" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	33.89
		<i>For >100 To 250, Deduct</i>	-2.30
		<i>For >250 To 500, Deduct</i>	-2.88
		<i>For >500, Deduct</i>	-3.45
05 05 23 00-0651	EA	1" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	34.91
		<i>For >100 To 250, Deduct</i>	-2.30
		<i>For >250 To 500, Deduct</i>	-2.88
		<i>For >500, Deduct</i>	-3.45
05 05 23 00-0652	EA	1" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	37.59
		<i>For >100 To 250, Deduct</i>	-2.30
		<i>For >250 To 500, Deduct</i>	-2.88
		<i>For >500, Deduct</i>	-3.45
05 05 23 00-0653	EA	1" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	39.22
		<i>For >100 To 250, Deduct</i>	-2.30
		<i>For >250 To 500, Deduct</i>	-2.88
		<i>For >500, Deduct</i>	-3.45

 05 05 23 00-0654 Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-
0097)

 05 05 23 00-0655 1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0654)

05 05 23 00-0656	EA	1/4" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.60
		<i>For >100 To 250, Deduct</i>	-1.47
		<i>For >250 To 500, Deduct</i>	-1.83
		<i>For >500, Deduct</i>	-2.20
05 05 23 00-0657	EA	1/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.61
		<i>For >100 To 250, Deduct</i>	-1.47
		<i>For >250 To 500, Deduct</i>	-1.83
		<i>For >500, Deduct</i>	-2.20
05 05 23 00-0658	EA	1/4" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.63
		<i>For >100 To 250, Deduct</i>	-1.47
		<i>For >250 To 500, Deduct</i>	-1.83
		<i>For >500, Deduct</i>	-2.20
05 05 23 00-0659	EA	1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.81
		<i>For >100 To 250, Deduct</i>	-1.47
		<i>For >250 To 500, Deduct</i>	-1.83
		<i>For >500, Deduct</i>	-2.20
05 05 23 00-0660	EA	1/4" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.12
		<i>For >100 To 250, Deduct</i>	-1.51
		<i>For >250 To 500, Deduct</i>	-1.89
		<i>For >500, Deduct</i>	-2.26
05 05 23 00-0661	EA	1/4" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.23
		<i>For >100 To 250, Deduct</i>	-1.51
		<i>For >250 To 500, Deduct</i>	-1.89
		<i>For >500, Deduct</i>	-2.26
05 05 23 00-0662	EA	1/4" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.28
		<i>For >100 To 250, Deduct</i>	-1.51
		<i>For >250 To 500, Deduct</i>	-1.89
		<i>For >500, Deduct</i>	-2.26
05 05 23 00-0663	EA	1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.50
		<i>For >100 To 250, Deduct</i>	-1.55
		<i>For >250 To 500, Deduct</i>	-1.94
		<i>For >500, Deduct</i>	-2.33

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST
05 05 23 00-0664	EA			1/4" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.63	
				<i>For >100 To 250, Deduct</i>	-1.55	
				<i>For >250 To 500, Deduct</i>	-1.94	
				<i>For >500, Deduct</i>	-2.33	
05 05 23 00-0665	EA			1/4" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.67	
				<i>For >100 To 250, Deduct</i>	-1.55	
				<i>For >250 To 500, Deduct</i>	-1.94	
				<i>For >500, Deduct</i>	-2.33	
05 05 23 00-0666	EA			1/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.97	
				<i>For >100 To 250, Deduct</i>	-1.59	
				<i>For >250 To 500, Deduct</i>	-1.99	
				<i>For >500, Deduct</i>	-2.39	
05 05 23 00-0667	EA			1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.09	
				<i>For >100 To 250, Deduct</i>	-1.59	
				<i>For >250 To 500, Deduct</i>	-1.99	
				<i>For >500, Deduct</i>	-2.39	
05 05 23 00-0668	EA			1/4" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.13	
				<i>For >100 To 250, Deduct</i>	-1.59	
				<i>For >250 To 500, Deduct</i>	-1.99	
				<i>For >500, Deduct</i>	-2.39	
05 05 23 00-0669	EA			1/4" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.43	
				<i>For >100 To 250, Deduct</i>	-1.63	
				<i>For >250 To 500, Deduct</i>	-2.04	
				<i>For >500, Deduct</i>	-2.45	
05 05 23 00-0670	EA			1/4" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.75	
				<i>For >100 To 250, Deduct</i>	-1.63	
				<i>For >250 To 500, Deduct</i>	-2.04	
				<i>For >500, Deduct</i>	-2.45	
05 05 23 00-0671	EA			1/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.16	
				<i>For >100 To 250, Deduct</i>	-1.63	
				<i>For >250 To 500, Deduct</i>	-2.04	
				<i>For >500, Deduct</i>	-2.45	
05 05 23 00-0672				5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex		
				Head Bolts <small>(05 05 23 00-0654)</small>		
05 05 23 00-0673	EA			5/16" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.51	
				<i>For >100 To 250, Deduct</i>	-1.47	
				<i>For >250 To 500, Deduct</i>	-1.83	
				<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0674	EA			5/16" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.88	
				<i>For >100 To 250, Deduct</i>	-1.47	
				<i>For >250 To 500, Deduct</i>	-1.83	
				<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0675	EA			5/16" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.91	
				<i>For >100 To 250, Deduct</i>	-1.47	
				<i>For >250 To 500, Deduct</i>	-1.83	
				<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0676	EA			5/16" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.92	
				<i>For >100 To 250, Deduct</i>	-1.47	
				<i>For >250 To 500, Deduct</i>	-1.83	
				<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0677	EA			5/16" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.30	
				<i>For >100 To 250, Deduct</i>	-1.51	
				<i>For >250 To 500, Deduct</i>	-1.89	
				<i>For >500, Deduct</i>	-2.26	
05 05 23 00-0678	EA			5/16" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.64	
				<i>For >100 To 250, Deduct</i>	-1.51	
				<i>For >250 To 500, Deduct</i>	-1.89	
				<i>For >500, Deduct</i>	-2.26	
05 05 23 00-0679	EA			5/16" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.71	
				<i>For >100 To 250, Deduct</i>	-1.51	
				<i>For >250 To 500, Deduct</i>	-1.89	
				<i>For >500, Deduct</i>	-2.26	
05 05 23 00-0680	EA			5/16" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.01	
				<i>For >100 To 250, Deduct</i>	-1.55	
				<i>For >250 To 500, Deduct</i>	-1.94	
				<i>For >500, Deduct</i>	-2.33	
05 05 23 00-0681	EA			5/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.05	
				<i>For >100 To 250, Deduct</i>	-1.55	
				<i>For >250 To 500, Deduct</i>	-1.94	
				<i>For >500, Deduct</i>	-2.33	
05 05 23 00-0682	EA			5/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.32	
				<i>For >100 To 250, Deduct</i>	-1.55	
				<i>For >250 To 500, Deduct</i>	-1.94	
				<i>For >500, Deduct</i>	-2.33	
05 05 23 00-0683	EA			5/16" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.61	
				<i>For >100 To 250, Deduct</i>	-1.59	
				<i>For >250 To 500, Deduct</i>	-1.99	
				<i>For >500, Deduct</i>	-2.39	
05 05 23 00-0684	EA			5/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.71	
				<i>For >100 To 250, Deduct</i>	-1.59	
				<i>For >250 To 500, Deduct</i>	-1.99	
				<i>For >500, Deduct</i>	-2.39	
05 05 23 00-0685	EA			5/16" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.98	
				<i>For >100 To 250, Deduct</i>	-1.59	
				<i>For >250 To 500, Deduct</i>	-1.99	
				<i>For >500, Deduct</i>	-2.39	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0686	EA	5/16" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.71
		<i>For >100 To 250, Deduct</i>	-1.63
		<i>For >250 To 500, Deduct</i>	-2.04
		<i>For >500, Deduct</i>	-2.45
05 05 23 00-0687	EA	5/16" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.13
		<i>For >100 To 250, Deduct</i>	-1.63
		<i>For >250 To 500, Deduct</i>	-2.04
		<i>For >500, Deduct</i>	-2.45
05 05 23 00-0688	EA	5/16" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.53
		<i>For >100 To 250, Deduct</i>	-1.63
		<i>For >250 To 500, Deduct</i>	-2.04
		<i>For >500, Deduct</i>	-2.45

05 05 23 00-0689 3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts

(05 05 23 00-0654)

05 05 23 00-0690	EA	3/8" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.62
		<i>For >100 To 250, Deduct</i>	-1.47
		<i>For >250 To 500, Deduct</i>	-1.83
		<i>For >500, Deduct</i>	-2.20
05 05 23 00-0691	EA	3/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.71
		<i>For >100 To 250, Deduct</i>	-1.47
		<i>For >250 To 500, Deduct</i>	-1.83
		<i>For >500, Deduct</i>	-2.20
05 05 23 00-0692	EA	3/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.80
		<i>For >100 To 250, Deduct</i>	-1.47
		<i>For >250 To 500, Deduct</i>	-1.83
		<i>For >500, Deduct</i>	-2.20
05 05 23 00-0693	EA	3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.02
		<i>For >100 To 250, Deduct</i>	-1.47
		<i>For >250 To 500, Deduct</i>	-1.83
		<i>For >500, Deduct</i>	-2.20
05 05 23 00-0694	EA	3/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.33
		<i>For >100 To 250, Deduct</i>	-1.51
		<i>For >250 To 500, Deduct</i>	-1.89
		<i>For >500, Deduct</i>	-2.26
05 05 23 00-0695	EA	3/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.51
		<i>For >100 To 250, Deduct</i>	-1.51
		<i>For >250 To 500, Deduct</i>	-1.89
		<i>For >500, Deduct</i>	-2.26
05 05 23 00-0696	EA	3/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.64
		<i>For >100 To 250, Deduct</i>	-1.51
		<i>For >250 To 500, Deduct</i>	-1.89
		<i>For >500, Deduct</i>	-2.26
05 05 23 00-0697	EA	3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.03
		<i>For >100 To 250, Deduct</i>	-1.55
		<i>For >250 To 500, Deduct</i>	-1.94
		<i>For >500, Deduct</i>	-2.33
05 05 23 00-0698	EA	3/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.13
		<i>For >100 To 250, Deduct</i>	-1.55
		<i>For >250 To 500, Deduct</i>	-1.94
		<i>For >500, Deduct</i>	-2.33
05 05 23 00-0699	EA	3/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.35
		<i>For >100 To 250, Deduct</i>	-1.55
		<i>For >250 To 500, Deduct</i>	-1.94
		<i>For >500, Deduct</i>	-2.33
05 05 23 00-0700	EA	3/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.66
		<i>For >100 To 250, Deduct</i>	-1.59
		<i>For >250 To 500, Deduct</i>	-1.99
		<i>For >500, Deduct</i>	-2.39
05 05 23 00-0701	EA	3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.97
		<i>For >100 To 250, Deduct</i>	-1.59
		<i>For >250 To 500, Deduct</i>	-1.99
		<i>For >500, Deduct</i>	-2.39
05 05 23 00-0702	EA	3/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.02
		<i>For >100 To 250, Deduct</i>	-1.59
		<i>For >250 To 500, Deduct</i>	-1.99
		<i>For >500, Deduct</i>	-2.39
05 05 23 00-0703	EA	3/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.24
		<i>For >100 To 250, Deduct</i>	-1.63
		<i>For >250 To 500, Deduct</i>	-2.04
		<i>For >500, Deduct</i>	-2.45
05 05 23 00-0704	EA	3/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.27
		<i>For >100 To 250, Deduct</i>	-1.63
		<i>For >250 To 500, Deduct</i>	-2.04
		<i>For >500, Deduct</i>	-2.45
05 05 23 00-0705	EA	3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.63
		<i>For >100 To 250, Deduct</i>	-1.63
		<i>For >250 To 500, Deduct</i>	-2.04
		<i>For >500, Deduct</i>	-2.45

05 05 23 00-0706 7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts

(05 05 23 00-0654)

05 05 23 00-0707	EA	7/16" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.21
		<i>For >100 To 250, Deduct</i>	-1.67
		<i>For >250 To 500, Deduct</i>	-2.09
		<i>For >500, Deduct</i>	-2.51

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 05 23 00-0708	EA	7/16"	Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.61	
			<i>For >100 To 250, Deduct</i>	-1.67	
			<i>For >250 To 500, Deduct</i>	-2.09	
			<i>For >500, Deduct</i>	-2.51	
05 05 23 00-0709	EA	7/16"	Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.92	
			<i>For >100 To 250, Deduct</i>	-1.67	
			<i>For >250 To 500, Deduct</i>	-2.09	
			<i>For >500, Deduct</i>	-2.51	
05 05 23 00-0710	EA	7/16"	Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.65	
			<i>For >100 To 250, Deduct</i>	-1.72	
			<i>For >250 To 500, Deduct</i>	-2.15	
			<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0711	EA	7/16"	Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.67	
			<i>For >100 To 250, Deduct</i>	-1.72	
			<i>For >250 To 500, Deduct</i>	-2.15	
			<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0712	EA	7/16"	Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.70	
			<i>For >100 To 250, Deduct</i>	-1.72	
			<i>For >250 To 500, Deduct</i>	-2.15	
			<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0713	EA	7/16"	Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.17	
			<i>For >100 To 250, Deduct</i>	-1.76	
			<i>For >250 To 500, Deduct</i>	-2.20	
			<i>For >500, Deduct</i>	-2.64	
05 05 23 00-0714	EA	7/16"	Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.45	
			<i>For >100 To 250, Deduct</i>	-1.76	
			<i>For >250 To 500, Deduct</i>	-2.20	
			<i>For >500, Deduct</i>	-2.64	
05 05 23 00-0715	EA	7/16"	Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.71	
			<i>For >100 To 250, Deduct</i>	-1.76	
			<i>For >250 To 500, Deduct</i>	-2.20	
			<i>For >500, Deduct</i>	-2.64	
05 05 23 00-0716	EA	7/16"	Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.22	
			<i>For >100 To 250, Deduct</i>	-1.80	
			<i>For >250 To 500, Deduct</i>	-2.25	
			<i>For >500, Deduct</i>	-2.70	
05 05 23 00-0717	EA	7/16"	Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.51	
			<i>For >100 To 250, Deduct</i>	-1.80	
			<i>For >250 To 500, Deduct</i>	-2.25	
			<i>For >500, Deduct</i>	-2.70	

05 05 23 00-0718 1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0654)

05 05 23 00-0719	EA	1/2"	Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.04	
			<i>For >100 To 250, Deduct</i>	-1.67	
			<i>For >250 To 500, Deduct</i>	-2.09	
			<i>For >500, Deduct</i>	-2.51	
05 05 23 00-0720	EA	1/2"	Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.17	
			<i>For >100 To 250, Deduct</i>	-1.67	
			<i>For >250 To 500, Deduct</i>	-2.09	
			<i>For >500, Deduct</i>	-2.51	
05 05 23 00-0721	EA	1/2"	Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.43	
			<i>For >100 To 250, Deduct</i>	-1.67	
			<i>For >250 To 500, Deduct</i>	-2.09	
			<i>For >500, Deduct</i>	-2.51	
05 05 23 00-0722	EA	1/2"	Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.94	
			<i>For >100 To 250, Deduct</i>	-1.72	
			<i>For >250 To 500, Deduct</i>	-2.15	
			<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0723	EA	1/2"	Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.14	
			<i>For >100 To 250, Deduct</i>	-1.72	
			<i>For >250 To 500, Deduct</i>	-2.15	
			<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0724	EA	1/2"	Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.51	
			<i>For >100 To 250, Deduct</i>	-1.72	
			<i>For >250 To 500, Deduct</i>	-2.15	
			<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0725	EA	1/2"	Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.79	
			<i>For >100 To 250, Deduct</i>	-1.76	
			<i>For >250 To 500, Deduct</i>	-2.20	
			<i>For >500, Deduct</i>	-2.64	
05 05 23 00-0726	EA	1/2"	Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.92	
			<i>For >100 To 250, Deduct</i>	-1.76	
			<i>For >250 To 500, Deduct</i>	-2.20	
			<i>For >500, Deduct</i>	-2.64	
05 05 23 00-0727	EA	1/2"	Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.22	
			<i>For >100 To 250, Deduct</i>	-1.76	
			<i>For >250 To 500, Deduct</i>	-2.20	
			<i>For >500, Deduct</i>	-2.64	
05 05 23 00-0728	EA	1/2"	Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.58	
			<i>For >100 To 250, Deduct</i>	-1.80	
			<i>For >250 To 500, Deduct</i>	-2.25	
			<i>For >500, Deduct</i>	-2.70	
05 05 23 00-0729	EA	1/2"	Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.91	
			<i>For >100 To 250, Deduct</i>	-1.80	
			<i>For >250 To 500, Deduct</i>	-2.25	
			<i>For >500, Deduct</i>	-2.70	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0730	EA	1/2" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.94
		<i>For >100 To 250, Deduct</i>	-1.80
		<i>For >250 To 500, Deduct</i>	-2.25
		<i>For >500, Deduct</i>	-2.70
05 05 23 00-0731	EA	1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.20
		<i>For >100 To 250, Deduct</i>	-1.84
		<i>For >250 To 500, Deduct</i>	-2.30
		<i>For >500, Deduct</i>	-2.76
05 05 23 00-0732	EA	1/2" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.29
		<i>For >100 To 250, Deduct</i>	-1.84
		<i>For >250 To 500, Deduct</i>	-2.30
		<i>For >500, Deduct</i>	-2.76
05 05 23 00-0733	EA	1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.54
		<i>For >100 To 250, Deduct</i>	-1.84
		<i>For >250 To 500, Deduct</i>	-2.30
		<i>For >500, Deduct</i>	-2.76
05 05 23 00-0734	EA	1/2" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.94
		<i>For >100 To 250, Deduct</i>	-1.88
		<i>For >250 To 500, Deduct</i>	-2.36
		<i>For >500, Deduct</i>	-2.83
05 05 23 00-0735	EA	1/2" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.14
		<i>For >100 To 250, Deduct</i>	-1.88
		<i>For >250 To 500, Deduct</i>	-2.36
		<i>For >500, Deduct</i>	-2.83
05 05 23 00-0736	EA	1/2" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.19
		<i>For >100 To 250, Deduct</i>	-1.88
		<i>For >250 To 500, Deduct</i>	-2.36
		<i>For >500, Deduct</i>	-2.83
05 05 23 00-0737	EA	1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.30
		<i>For >100 To 250, Deduct</i>	-1.88
		<i>For >250 To 500, Deduct</i>	-2.36
		<i>For >500, Deduct</i>	-2.83

05 05 23 00-0738 5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts
(05 05 23 00-0654)

05 05 23 00-0739	EA	5/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.56
		<i>For >100 To 250, Deduct</i>	-1.88
		<i>For >250 To 500, Deduct</i>	-2.36
		<i>For >500, Deduct</i>	-2.83
05 05 23 00-0740	EA	5/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.76
		<i>For >100 To 250, Deduct</i>	-1.88
		<i>For >250 To 500, Deduct</i>	-2.36
		<i>For >500, Deduct</i>	-2.83
05 05 23 00-0741	EA	5/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.90
		<i>For >100 To 250, Deduct</i>	-1.88
		<i>For >250 To 500, Deduct</i>	-2.36
		<i>For >500, Deduct</i>	-2.83
05 05 23 00-0742	EA	5/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.33
		<i>For >100 To 250, Deduct</i>	-1.93
		<i>For >250 To 500, Deduct</i>	-2.41
		<i>For >500, Deduct</i>	-2.89
05 05 23 00-0743	EA	5/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.63
		<i>For >100 To 250, Deduct</i>	-1.93
		<i>For >250 To 500, Deduct</i>	-2.41
		<i>For >500, Deduct</i>	-2.89
05 05 23 00-0744	EA	5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.28
		<i>For >100 To 250, Deduct</i>	-1.93
		<i>For >250 To 500, Deduct</i>	-2.41
		<i>For >500, Deduct</i>	-2.89
05 05 23 00-0745	EA	5/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.60
		<i>For >100 To 250, Deduct</i>	-1.97
		<i>For >250 To 500, Deduct</i>	-2.46
		<i>For >500, Deduct</i>	-2.95
05 05 23 00-0746	EA	5/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.72
		<i>For >100 To 250, Deduct</i>	-1.97
		<i>For >250 To 500, Deduct</i>	-2.46
		<i>For >500, Deduct</i>	-2.95
05 05 23 00-0747	EA	5/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.92
		<i>For >100 To 250, Deduct</i>	-1.97
		<i>For >250 To 500, Deduct</i>	-2.46
		<i>For >500, Deduct</i>	-2.95
05 05 23 00-0748	EA	5/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.39
		<i>For >100 To 250, Deduct</i>	-2.01
		<i>For >250 To 500, Deduct</i>	-2.51
		<i>For >500, Deduct</i>	-3.02
05 05 23 00-0749	EA	5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.63
		<i>For >100 To 250, Deduct</i>	-2.01
		<i>For >250 To 500, Deduct</i>	-2.51
		<i>For >500, Deduct</i>	-3.02
05 05 23 00-0750	EA	5/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.31
		<i>For >100 To 250, Deduct</i>	-2.01
		<i>For >250 To 500, Deduct</i>	-2.51
		<i>For >500, Deduct</i>	-3.02
05 05 23 00-0751	EA	5/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.56
		<i>For >100 To 250, Deduct</i>	-2.05
		<i>For >250 To 500, Deduct</i>	-2.57
		<i>For >500, Deduct</i>	-3.08

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT	DEMOLITION
			UNIT COST	UNIT COST

05 05 23 00-0752	EA	5/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.75	
		<i>For >100 To 250, Deduct</i>	-2.05	
		<i>For >250 To 500, Deduct</i>	-2.57	
		<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0753	EA	5/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.10	
		<i>For >100 To 250, Deduct</i>	-2.05	
		<i>For >250 To 500, Deduct</i>	-2.57	
		<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0754	EA	5/8" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.80	
		<i>For >100 To 250, Deduct</i>	-2.09	
		<i>For >250 To 500, Deduct</i>	-2.62	
		<i>For >500, Deduct</i>	-3.14	
05 05 23 00-0755	EA	5/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.36	
		<i>For >100 To 250, Deduct</i>	-2.09	
		<i>For >250 To 500, Deduct</i>	-2.62	
		<i>For >500, Deduct</i>	-3.14	
05 05 23 00-0756	EA	5/8" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.65	
		<i>For >100 To 250, Deduct</i>	-2.09	
		<i>For >250 To 500, Deduct</i>	-2.62	
		<i>For >500, Deduct</i>	-3.14	
05 05 23 00-0757	EA	5/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.74	
		<i>For >100 To 250, Deduct</i>	-2.09	
		<i>For >250 To 500, Deduct</i>	-2.62	
		<i>For >500, Deduct</i>	-3.14	

05 05 23 00-0758 3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0654)

05 05 23 00-0759	EA	3/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.52	
		<i>For >100 To 250, Deduct</i>	-1.88	
		<i>For >250 To 500, Deduct</i>	-2.36	
		<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0760	EA	3/4" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.56	
		<i>For >100 To 250, Deduct</i>	-1.88	
		<i>For >250 To 500, Deduct</i>	-2.36	
		<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0761	EA	3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.81	
		<i>For >100 To 250, Deduct</i>	-1.88	
		<i>For >250 To 500, Deduct</i>	-2.36	
		<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0762	EA	3/4" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.57	
		<i>For >100 To 250, Deduct</i>	-1.93	
		<i>For >250 To 500, Deduct</i>	-2.41	
		<i>For >500, Deduct</i>	-2.89	
05 05 23 00-0763	EA	3/4" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.49	
		<i>For >100 To 250, Deduct</i>	-1.93	
		<i>For >250 To 500, Deduct</i>	-2.41	
		<i>For >500, Deduct</i>	-2.89	
05 05 23 00-0764	EA	3/4" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.09	
		<i>For >100 To 250, Deduct</i>	-1.93	
		<i>For >250 To 500, Deduct</i>	-2.41	
		<i>For >500, Deduct</i>	-2.89	
05 05 23 00-0765	EA	3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.62	
		<i>For >100 To 250, Deduct</i>	-1.97	
		<i>For >250 To 500, Deduct</i>	-2.46	
		<i>For >500, Deduct</i>	-2.95	
05 05 23 00-0766	EA	3/4" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.67	
		<i>For >100 To 250, Deduct</i>	-1.97	
		<i>For >250 To 500, Deduct</i>	-2.46	
		<i>For >500, Deduct</i>	-2.95	
05 05 23 00-0767	EA	3/4" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.80	
		<i>For >100 To 250, Deduct</i>	-1.97	
		<i>For >250 To 500, Deduct</i>	-2.46	
		<i>For >500, Deduct</i>	-2.95	
05 05 23 00-0768	EA	3/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.09	
		<i>For >100 To 250, Deduct</i>	-2.01	
		<i>For >250 To 500, Deduct</i>	-2.51	
		<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0769	EA	3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.88	
		<i>For >100 To 250, Deduct</i>	-2.01	
		<i>For >250 To 500, Deduct</i>	-2.51	
		<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0770	EA	3/4" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.21	
		<i>For >100 To 250, Deduct</i>	-2.01	
		<i>For >250 To 500, Deduct</i>	-2.51	
		<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0771	EA	3/4" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.05	
		<i>For >100 To 250, Deduct</i>	-2.05	
		<i>For >250 To 500, Deduct</i>	-2.57	
		<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0772	EA	3/4" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.16	
		<i>For >100 To 250, Deduct</i>	-2.05	
		<i>For >250 To 500, Deduct</i>	-2.57	
		<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0773	EA	3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.48	
		<i>For >100 To 250, Deduct</i>	-2.05	
		<i>For >250 To 500, Deduct</i>	-2.57	
		<i>For >500, Deduct</i>	-3.08	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0774	EA	3/4" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.16
		<i>For >100 To 250, Deduct</i>	-2.09
		<i>For >250 To 500, Deduct</i>	-2.62
		<i>For >500, Deduct</i>	-3.14
05 05 23 00-0775	EA	3/4" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.50
		<i>For >100 To 250, Deduct</i>	-2.09
		<i>For >250 To 500, Deduct</i>	-2.62
		<i>For >500, Deduct</i>	-3.14
05 05 23 00-0776	EA	3/4" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.69
		<i>For >100 To 250, Deduct</i>	-2.09
		<i>For >250 To 500, Deduct</i>	-2.62
		<i>For >500, Deduct</i>	-3.14
05 05 23 00-0777	EA	3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.78
		<i>For >100 To 250, Deduct</i>	-2.09
		<i>For >250 To 500, Deduct</i>	-2.62
		<i>For >500, Deduct</i>	-3.14

05 05 23 00-0778 7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts

05 05 23 00-0779	EA	7/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.48
		<i>For >100 To 250, Deduct</i>	-2.09
		<i>For >250 To 500, Deduct</i>	-2.62
		<i>For >500, Deduct</i>	-3.14
05 05 23 00-0780	EA	7/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.87
		<i>For >100 To 250, Deduct</i>	-2.09
		<i>For >250 To 500, Deduct</i>	-2.62
		<i>For >500, Deduct</i>	-3.14
05 05 23 00-0781	EA	7/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.30
		<i>For >100 To 250, Deduct</i>	-2.14
		<i>For >250 To 500, Deduct</i>	-2.67
		<i>For >500, Deduct</i>	-3.20
05 05 23 00-0782	EA	7/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.28
		<i>For >100 To 250, Deduct</i>	-2.14
		<i>For >250 To 500, Deduct</i>	-2.67
		<i>For >500, Deduct</i>	-3.20
05 05 23 00-0783	EA	7/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.58
		<i>For >100 To 250, Deduct</i>	-2.14
		<i>For >250 To 500, Deduct</i>	-2.67
		<i>For >500, Deduct</i>	-3.20
05 05 23 00-0784	EA	7/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.17
		<i>For >100 To 250, Deduct</i>	-2.18
		<i>For >250 To 500, Deduct</i>	-2.72
		<i>For >500, Deduct</i>	-3.27
05 05 23 00-0785	EA	7/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.59
		<i>For >100 To 250, Deduct</i>	-2.18
		<i>For >250 To 500, Deduct</i>	-2.72
		<i>For >500, Deduct</i>	-3.27
05 05 23 00-0786	EA	7/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.12
		<i>For >100 To 250, Deduct</i>	-2.18
		<i>For >250 To 500, Deduct</i>	-2.72
		<i>For >500, Deduct</i>	-3.27
05 05 23 00-0787	EA	7/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.70
		<i>For >100 To 250, Deduct</i>	-2.22
		<i>For >250 To 500, Deduct</i>	-2.78
		<i>For >500, Deduct</i>	-3.33
05 05 23 00-0788	EA	7/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.11
		<i>For >100 To 250, Deduct</i>	-2.22
		<i>For >250 To 500, Deduct</i>	-2.78
		<i>For >500, Deduct</i>	-3.33
05 05 23 00-0789	EA	7/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	23.39
		<i>For >100 To 250, Deduct</i>	-2.22
		<i>For >250 To 500, Deduct</i>	-2.78
		<i>For >500, Deduct</i>	-3.33
05 05 23 00-0790	EA	7/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	24.06
		<i>For >100 To 250, Deduct</i>	-2.26
		<i>For >250 To 500, Deduct</i>	-2.83
		<i>For >500, Deduct</i>	-3.39
05 05 23 00-0791	EA	7/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	24.83
		<i>For >100 To 250, Deduct</i>	-2.26
		<i>For >250 To 500, Deduct</i>	-2.83
		<i>For >500, Deduct</i>	-3.39
05 05 23 00-0792	EA	7/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	25.01
		<i>For >100 To 250, Deduct</i>	-2.26
		<i>For >250 To 500, Deduct</i>	-2.83
		<i>For >500, Deduct</i>	-3.39
05 05 23 00-0793	EA	7/8" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	25.42
		<i>For >100 To 250, Deduct</i>	-2.30
		<i>For >250 To 500, Deduct</i>	-2.88
		<i>For >500, Deduct</i>	-3.45
05 05 23 00-0794	EA	7/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	25.84
		<i>For >100 To 250, Deduct</i>	-2.30
		<i>For >250 To 500, Deduct</i>	-2.88
		<i>For >500, Deduct</i>	-3.45
05 05 23 00-0795	EA	7/8" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	26.37
		<i>For >100 To 250, Deduct</i>	-2.30
		<i>For >250 To 500, Deduct</i>	-2.88
		<i>For >500, Deduct</i>	-3.45

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT	DEMOLITION
			UNIT COST	UNIT COST

05 05 23 00-0796		EA 7/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	26.87	
		For >100 To 250, Deduct	-2.30	
		For >250 To 500, Deduct	-2.88	
		For >500, Deduct	-3.45	
05 05 23 00-0797		1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0654)</small>		
05 05 23 00-0798		EA 1" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.15	
		For >100 To 250, Deduct	-2.09	
		For >250 To 500, Deduct	-2.62	
		For >500, Deduct	-3.14	
05 05 23 00-0799		EA 1" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.49	
		For >100 To 250, Deduct	-2.14	
		For >250 To 500, Deduct	-2.67	
		For >500, Deduct	-3.20	
05 05 23 00-0800		EA 1" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.20	
		For >100 To 250, Deduct	-2.14	
		For >250 To 500, Deduct	-2.67	
		For >500, Deduct	-3.20	
05 05 23 00-0801		EA 1" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.76	
		For >100 To 250, Deduct	-2.14	
		For >250 To 500, Deduct	-2.67	
		For >500, Deduct	-3.20	
05 05 23 00-0802		EA 1" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.25	
		For >100 To 250, Deduct	-2.18	
		For >250 To 500, Deduct	-2.72	
		For >500, Deduct	-3.27	
05 05 23 00-0803		EA 1" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.54	
		For >100 To 250, Deduct	-2.18	
		For >250 To 500, Deduct	-2.72	
		For >500, Deduct	-3.27	
05 05 23 00-0804		EA 1" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	21.37	
		For >100 To 250, Deduct	-2.18	
		For >250 To 500, Deduct	-2.72	
		For >500, Deduct	-3.27	
05 05 23 00-0805		EA 1" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	21.66	
		For >100 To 250, Deduct	-2.22	
		For >250 To 500, Deduct	-2.78	
		For >500, Deduct	-3.33	
05 05 23 00-0806		EA 1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	21.97	
		For >100 To 250, Deduct	-2.22	
		For >250 To 500, Deduct	-2.78	
		For >500, Deduct	-3.33	
05 05 23 00-0807		EA 1" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	24.79	
		For >100 To 250, Deduct	-2.22	
		For >250 To 500, Deduct	-2.78	
		For >500, Deduct	-3.33	
05 05 23 00-0808		EA 1" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	25.53	
		For >100 To 250, Deduct	-2.26	
		For >250 To 500, Deduct	-2.83	
		For >500, Deduct	-3.39	
05 05 23 00-0809		EA 1" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	26.70	
		For >100 To 250, Deduct	-2.26	
		For >250 To 500, Deduct	-2.83	
		For >500, Deduct	-3.39	
05 05 23 00-0810		EA 1" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	27.87	
		For >100 To 250, Deduct	-2.26	
		For >250 To 500, Deduct	-2.83	
		For >500, Deduct	-3.39	
05 05 23 00-0811		EA 1" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	28.42	
		For >100 To 250, Deduct	-2.30	
		For >250 To 500, Deduct	-2.88	
		For >500, Deduct	-3.45	
05 05 23 00-0812		EA 1" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	29.37	
		For >100 To 250, Deduct	-2.30	
		For >250 To 500, Deduct	-2.88	
		For >500, Deduct	-3.45	
05 05 23 00-0813		EA 1" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	30.09	
		For >100 To 250, Deduct	-2.30	
		For >250 To 500, Deduct	-2.88	
		For >500, Deduct	-3.45	
05 05 23 00-0814		EA 1" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	31.15	
		For >100 To 250, Deduct	-2.30	
		For >250 To 500, Deduct	-2.88	
		For >500, Deduct	-3.45	
05 05 23 00-0815		304/18-8 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0097)</small>		
05 05 23 00-0816		1/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0815)</small>		
05 05 23 00-0817		EA 1/4" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	7.68	
		For >100 To 250, Deduct	-1.47	
		For >250 To 500, Deduct	-1.83	
		For >500, Deduct	-2.20	
05 05 23 00-0818		EA 1/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	7.82	
		For >100 To 250, Deduct	-1.47	
		For >250 To 500, Deduct	-1.83	
		For >500, Deduct	-2.20	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0819	EA	1/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.00	
		<i>For >100 To 250, Deduct</i>	-1.47	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0820	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.18	
		<i>For >100 To 250, Deduct</i>	-1.47	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0821	EA	1/4" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.58	
		<i>For >100 To 250, Deduct</i>	-1.51	
		<i>For >250 To 500, Deduct</i>	-1.89	
		<i>For >500, Deduct</i>	-2.26	
05 05 23 00-0822	EA	1/4" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.86	
		<i>For >100 To 250, Deduct</i>	-1.51	
		<i>For >250 To 500, Deduct</i>	-1.89	
		<i>For >500, Deduct</i>	-2.26	
05 05 23 00-0823	EA	1/4" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.19	
		<i>For >100 To 250, Deduct</i>	-1.51	
		<i>For >250 To 500, Deduct</i>	-1.89	
		<i>For >500, Deduct</i>	-2.26	
05 05 23 00-0824	EA	1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.64	
		<i>For >100 To 250, Deduct</i>	-1.55	
		<i>For >250 To 500, Deduct</i>	-1.94	
		<i>For >500, Deduct</i>	-2.33	
05 05 23 00-0825	EA	1/4" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.05	
		<i>For >100 To 250, Deduct</i>	-1.55	
		<i>For >250 To 500, Deduct</i>	-1.94	
		<i>For >500, Deduct</i>	-2.33	
05 05 23 00-0826	EA	1/4" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.42	
		<i>For >100 To 250, Deduct</i>	-1.55	
		<i>For >250 To 500, Deduct</i>	-1.94	
		<i>For >500, Deduct</i>	-2.33	
05 05 23 00-0827	EA	1/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.94	
		<i>For >100 To 250, Deduct</i>	-1.59	
		<i>For >250 To 500, Deduct</i>	-1.99	
		<i>For >500, Deduct</i>	-2.39	
05 05 23 00-0828	EA	1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.55	
		<i>For >100 To 250, Deduct</i>	-1.59	
		<i>For >250 To 500, Deduct</i>	-1.99	
		<i>For >500, Deduct</i>	-2.39	
05 05 23 00-0829	EA	1/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.90	
		<i>For >100 To 250, Deduct</i>	-1.59	
		<i>For >250 To 500, Deduct</i>	-1.99	
		<i>For >500, Deduct</i>	-2.39	
05 05 23 00-0830	EA	1/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.69	
		<i>For >100 To 250, Deduct</i>	-1.63	
		<i>For >250 To 500, Deduct</i>	-2.04	
		<i>For >500, Deduct</i>	-2.45	
05 05 23 00-0831	EA	1/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.04	
		<i>For >100 To 250, Deduct</i>	-1.63	
		<i>For >250 To 500, Deduct</i>	-2.04	
		<i>For >500, Deduct</i>	-2.45	
05 05 23 00-0832	EA	1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.87	
		<i>For >100 To 250, Deduct</i>	-1.63	
		<i>For >250 To 500, Deduct</i>	-2.04	
		<i>For >500, Deduct</i>	-2.45	

05 05 23 00-0833 5/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)

05 05 23 00-0834	EA	5/16" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.94	
		<i>For >100 To 250, Deduct</i>	-1.47	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0835	EA	5/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.06	
		<i>For >100 To 250, Deduct</i>	-1.47	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0836	EA	5/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.33	
		<i>For >100 To 250, Deduct</i>	-1.47	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0837	EA	5/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.54	
		<i>For >100 To 250, Deduct</i>	-1.47	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0838	EA	5/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.14	
		<i>For >100 To 250, Deduct</i>	-1.51	
		<i>For >250 To 500, Deduct</i>	-1.89	
		<i>For >500, Deduct</i>	-2.26	
05 05 23 00-0839	EA	5/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.27	
		<i>For >100 To 250, Deduct</i>	-1.51	
		<i>For >250 To 500, Deduct</i>	-1.89	
		<i>For >500, Deduct</i>	-2.26	
05 05 23 00-0840	EA	5/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.96	
		<i>For >100 To 250, Deduct</i>	-1.51	
		<i>For >250 To 500, Deduct</i>	-1.89	
		<i>For >500, Deduct</i>	-2.26	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 05 23 00-0841	EA		5/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.65	
			<i>For >100 To 250, Deduct</i>	-1.55	
			<i>For >250 To 500, Deduct</i>	-1.94	
			<i>For >500, Deduct</i>	-2.33	
05 05 23 00-0842	EA		5/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.42	
			<i>For >100 To 250, Deduct</i>	-1.55	
			<i>For >250 To 500, Deduct</i>	-1.94	
			<i>For >500, Deduct</i>	-2.33	
05 05 23 00-0843	EA		5/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.80	
			<i>For >100 To 250, Deduct</i>	-1.55	
			<i>For >250 To 500, Deduct</i>	-1.94	
			<i>For >500, Deduct</i>	-2.33	
05 05 23 00-0844	EA		5/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.18	
			<i>For >100 To 250, Deduct</i>	-1.59	
			<i>For >250 To 500, Deduct</i>	-1.99	
			<i>For >500, Deduct</i>	-2.39	
05 05 23 00-0845	EA		5/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.10	
			<i>For >100 To 250, Deduct</i>	-1.59	
			<i>For >250 To 500, Deduct</i>	-1.99	
			<i>For >500, Deduct</i>	-2.39	
05 05 23 00-0846	EA		5/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.48	
			<i>For >100 To 250, Deduct</i>	-1.59	
			<i>For >250 To 500, Deduct</i>	-1.99	
			<i>For >500, Deduct</i>	-2.39	
05 05 23 00-0847	EA		5/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	26.76	
			<i>For >100 To 250, Deduct</i>	-1.63	
			<i>For >250 To 500, Deduct</i>	-2.04	
			<i>For >500, Deduct</i>	-2.45	

05 05 23 00-0848 3/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)

05 05 23 00-0849	EA		3/8" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.27	
			<i>For >100 To 250, Deduct</i>	-1.47	
			<i>For >250 To 500, Deduct</i>	-1.83	
			<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0850	EA		3/8" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.43	
			<i>For >100 To 250, Deduct</i>	-1.47	
			<i>For >250 To 500, Deduct</i>	-1.83	
			<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0851	EA		3/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.84	
			<i>For >100 To 250, Deduct</i>	-1.47	
			<i>For >250 To 500, Deduct</i>	-1.83	
			<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0852	EA		3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.37	
			<i>For >100 To 250, Deduct</i>	-1.47	
			<i>For >250 To 500, Deduct</i>	-1.83	
			<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0853	EA		3/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.84	
			<i>For >100 To 250, Deduct</i>	-1.51	
			<i>For >250 To 500, Deduct</i>	-1.89	
			<i>For >500, Deduct</i>	-2.26	
05 05 23 00-0854	EA		3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.27	
			<i>For >100 To 250, Deduct</i>	-1.51	
			<i>For >250 To 500, Deduct</i>	-1.89	
			<i>For >500, Deduct</i>	-2.26	
05 05 23 00-0855	EA		3/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.82	
			<i>For >100 To 250, Deduct</i>	-1.51	
			<i>For >250 To 500, Deduct</i>	-1.89	
			<i>For >500, Deduct</i>	-2.26	
05 05 23 00-0856	EA		3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.53	
			<i>For >100 To 250, Deduct</i>	-1.55	
			<i>For >250 To 500, Deduct</i>	-1.94	
			<i>For >500, Deduct</i>	-2.33	
05 05 23 00-0857	EA		3/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.19	
			<i>For >100 To 250, Deduct</i>	-1.55	
			<i>For >250 To 500, Deduct</i>	-1.94	
			<i>For >500, Deduct</i>	-2.33	
05 05 23 00-0858	EA		3/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.63	
			<i>For >100 To 250, Deduct</i>	-1.55	
			<i>For >250 To 500, Deduct</i>	-1.94	
			<i>For >500, Deduct</i>	-2.33	
05 05 23 00-0859	EA		3/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.01	
			<i>For >100 To 250, Deduct</i>	-1.59	
			<i>For >250 To 500, Deduct</i>	-1.99	
			<i>For >500, Deduct</i>	-2.39	
05 05 23 00-0860	EA		3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.20	
			<i>For >100 To 250, Deduct</i>	-1.59	
			<i>For >250 To 500, Deduct</i>	-1.99	
			<i>For >500, Deduct</i>	-2.39	
05 05 23 00-0861	EA		3/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.73	
			<i>For >100 To 250, Deduct</i>	-1.59	
			<i>For >250 To 500, Deduct</i>	-1.99	
			<i>For >500, Deduct</i>	-2.39	
05 05 23 00-0862	EA		3/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.53	
			<i>For >100 To 250, Deduct</i>	-1.63	
			<i>For >250 To 500, Deduct</i>	-2.04	
			<i>For >500, Deduct</i>	-2.45	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0863	EA		3/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.89	
			<i>For >100 To 250, Deduct</i>	-1.63	
			<i>For >250 To 500, Deduct</i>	-2.04	
			<i>For >500, Deduct</i>	-2.45	
05 05 23 00-0864	EA		3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.43	
			<i>For >100 To 250, Deduct</i>	-1.63	
			<i>For >250 To 500, Deduct</i>	-2.04	
			<i>For >500, Deduct</i>	-2.45	
05 05 23 00-0865			7/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)		
05 05 23 00-0866	EA		7/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.65	
			<i>For >100 To 250, Deduct</i>	-1.67	
			<i>For >250 To 500, Deduct</i>	-2.09	
			<i>For >500, Deduct</i>	-2.51	
05 05 23 00-0867	EA		7/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.83	
			<i>For >100 To 250, Deduct</i>	-1.67	
			<i>For >250 To 500, Deduct</i>	-2.09	
			<i>For >500, Deduct</i>	-2.51	
05 05 23 00-0868	EA		7/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.50	
			<i>For >100 To 250, Deduct</i>	-1.67	
			<i>For >250 To 500, Deduct</i>	-2.09	
			<i>For >500, Deduct</i>	-2.51	
05 05 23 00-0869	EA		7/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.11	
			<i>For >100 To 250, Deduct</i>	-1.72	
			<i>For >250 To 500, Deduct</i>	-2.15	
			<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0870	EA		7/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.92	
			<i>For >100 To 250, Deduct</i>	-1.72	
			<i>For >250 To 500, Deduct</i>	-2.15	
			<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0871	EA		7/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.26	
			<i>For >100 To 250, Deduct</i>	-1.72	
			<i>For >250 To 500, Deduct</i>	-2.15	
			<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0872	EA		7/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.09	
			<i>For >100 To 250, Deduct</i>	-1.76	
			<i>For >250 To 500, Deduct</i>	-2.20	
			<i>For >500, Deduct</i>	-2.64	
05 05 23 00-0873	EA		7/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.66	
			<i>For >100 To 250, Deduct</i>	-1.76	
			<i>For >250 To 500, Deduct</i>	-2.20	
			<i>For >500, Deduct</i>	-2.64	
05 05 23 00-0874	EA		7/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.35	
			<i>For >100 To 250, Deduct</i>	-1.76	
			<i>For >250 To 500, Deduct</i>	-2.20	
			<i>For >500, Deduct</i>	-2.64	
05 05 23 00-0875	EA		7/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.72	
			<i>For >100 To 250, Deduct</i>	-1.80	
			<i>For >250 To 500, Deduct</i>	-2.25	
			<i>For >500, Deduct</i>	-2.70	
05 05 23 00-0876	EA		7/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.12	
			<i>For >100 To 250, Deduct</i>	-1.80	
			<i>For >250 To 500, Deduct</i>	-2.25	
			<i>For >500, Deduct</i>	-2.70	
05 05 23 00-0877	EA		7/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.45	
			<i>For >100 To 250, Deduct</i>	-1.80	
			<i>For >250 To 500, Deduct</i>	-2.25	
			<i>For >500, Deduct</i>	-2.70	
05 05 23 00-0878	EA		7/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.94	
			<i>For >100 To 250, Deduct</i>	-1.84	
			<i>For >250 To 500, Deduct</i>	-2.30	
			<i>For >500, Deduct</i>	-2.76	
05 05 23 00-0879			1/2" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)		
05 05 23 00-0880	EA		1/2" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.64	
			<i>For >100 To 250, Deduct</i>	-1.67	
			<i>For >250 To 500, Deduct</i>	-2.09	
			<i>For >500, Deduct</i>	-2.51	
05 05 23 00-0881	EA		1/2" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.83	
			<i>For >100 To 250, Deduct</i>	-1.67	
			<i>For >250 To 500, Deduct</i>	-2.09	
			<i>For >500, Deduct</i>	-2.51	
05 05 23 00-0882	EA		1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.88	
			<i>For >100 To 250, Deduct</i>	-1.67	
			<i>For >250 To 500, Deduct</i>	-2.09	
			<i>For >500, Deduct</i>	-2.51	
05 05 23 00-0883	EA		1/2" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.52	
			<i>For >100 To 250, Deduct</i>	-1.72	
			<i>For >250 To 500, Deduct</i>	-2.15	
			<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0884	EA		1/2" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.48	
			<i>For >100 To 250, Deduct</i>	-1.72	
			<i>For >250 To 500, Deduct</i>	-2.15	
			<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0885	EA		1/2" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.99	
			<i>For >100 To 250, Deduct</i>	-1.72	
			<i>For >250 To 500, Deduct</i>	-2.15	
			<i>For >500, Deduct</i>	-2.57	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 05 23 00-0886	EA		1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.84	
			<i>For >100 To 250, Deduct</i>	-1.76	
			<i>For >250 To 500, Deduct</i>	-2.20	
			<i>For >500, Deduct</i>	-2.64	
05 05 23 00-0887	EA		1/2" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.30	
			<i>For >100 To 250, Deduct</i>	-1.76	
			<i>For >250 To 500, Deduct</i>	-2.20	
			<i>For >500, Deduct</i>	-2.64	
05 05 23 00-0888	EA		1/2" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.81	
			<i>For >100 To 250, Deduct</i>	-1.76	
			<i>For >250 To 500, Deduct</i>	-2.20	
			<i>For >500, Deduct</i>	-2.64	
05 05 23 00-0889	EA		1/2" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.73	
			<i>For >100 To 250, Deduct</i>	-1.80	
			<i>For >250 To 500, Deduct</i>	-2.25	
			<i>For >500, Deduct</i>	-2.70	
05 05 23 00-0890	EA		1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.86	
			<i>For >100 To 250, Deduct</i>	-1.80	
			<i>For >250 To 500, Deduct</i>	-2.25	
			<i>For >500, Deduct</i>	-2.70	
05 05 23 00-0891	EA		1/2" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.14	
			<i>For >100 To 250, Deduct</i>	-1.80	
			<i>For >250 To 500, Deduct</i>	-2.25	
			<i>For >500, Deduct</i>	-2.70	
05 05 23 00-0892	EA		1/2" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.25	
			<i>For >100 To 250, Deduct</i>	-1.84	
			<i>For >250 To 500, Deduct</i>	-2.30	
			<i>For >500, Deduct</i>	-2.76	
05 05 23 00-0893	EA		1/2" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.01	
			<i>For >100 To 250, Deduct</i>	-1.84	
			<i>For >250 To 500, Deduct</i>	-2.30	
			<i>For >500, Deduct</i>	-2.76	
05 05 23 00-0894	EA		1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	25.22	
			<i>For >100 To 250, Deduct</i>	-1.84	
			<i>For >250 To 500, Deduct</i>	-2.30	
			<i>For >500, Deduct</i>	-2.76	
05 05 23 00-0895	EA		1/2" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	31.35	
			<i>For >100 To 250, Deduct</i>	-1.88	
			<i>For >250 To 500, Deduct</i>	-2.36	
			<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0896	EA		1/2" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	31.83	
			<i>For >100 To 250, Deduct</i>	-1.88	
			<i>For >250 To 500, Deduct</i>	-2.36	
			<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0897	EA		1/2" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	35.17	
			<i>For >100 To 250, Deduct</i>	-1.88	
			<i>For >250 To 500, Deduct</i>	-2.36	
			<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0898	EA		1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	38.49	
			<i>For >100 To 250, Deduct</i>	-1.88	
			<i>For >250 To 500, Deduct</i>	-2.36	
			<i>For >500, Deduct</i>	-2.83	

05 05 23 00-0899 9/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)

05 05 23 00-0900	EA		9/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.17	
			<i>For >100 To 250, Deduct</i>	-1.67	
			<i>For >250 To 500, Deduct</i>	-2.09	
			<i>For >500, Deduct</i>	-2.51	
05 05 23 00-0901	EA		9/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.35	
			<i>For >100 To 250, Deduct</i>	-1.67	
			<i>For >250 To 500, Deduct</i>	-2.09	
			<i>For >500, Deduct</i>	-2.51	
05 05 23 00-0902	EA		9/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.19	
			<i>For >100 To 250, Deduct</i>	-1.67	
			<i>For >250 To 500, Deduct</i>	-2.09	
			<i>For >500, Deduct</i>	-2.51	
05 05 23 00-0903	EA		9/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.17	
			<i>For >100 To 250, Deduct</i>	-1.72	
			<i>For >250 To 500, Deduct</i>	-2.15	
			<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0904	EA		9/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.54	
			<i>For >100 To 250, Deduct</i>	-1.72	
			<i>For >250 To 500, Deduct</i>	-2.15	
			<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0905	EA		9/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	26.92	
			<i>For >100 To 250, Deduct</i>	-1.72	
			<i>For >250 To 500, Deduct</i>	-2.15	
			<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0906	EA		9/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	30.62	
			<i>For >100 To 250, Deduct</i>	-1.76	
			<i>For >250 To 500, Deduct</i>	-2.20	
			<i>For >500, Deduct</i>	-2.64	
05 05 23 00-0907	EA		9/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	31.16	
			<i>For >100 To 250, Deduct</i>	-1.76	
			<i>For >250 To 500, Deduct</i>	-2.20	
			<i>For >500, Deduct</i>	-2.64	

05 Metals

05 05 Common Work Results for Metals

05 05 23 Metal Fastenings

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0908	EA	9/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	36.19	
		<i>For >100 To 250, Deduct</i>	-1.76	
		<i>For >250 To 500, Deduct</i>	-2.20	
		<i>For >500, Deduct</i>	-2.64	
05 05 23 00-0909	EA	9/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	38.77	
		<i>For >100 To 250, Deduct</i>	-1.80	
		<i>For >250 To 500, Deduct</i>	-2.25	
		<i>For >500, Deduct</i>	-2.70	
05 05 23 00-0910	EA	9/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	41.46	
		<i>For >100 To 250, Deduct</i>	-1.80	
		<i>For >250 To 500, Deduct</i>	-2.25	
		<i>For >500, Deduct</i>	-2.70	
05 05 23 00-0911		5/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0915)</small>		
05 05 23 00-0912	EA	5/8" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.55	
		<i>For >100 To 250, Deduct</i>	-1.88	
		<i>For >250 To 500, Deduct</i>	-2.36	
		<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0913	EA	5/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.05	
		<i>For >100 To 250, Deduct</i>	-1.88	
		<i>For >250 To 500, Deduct</i>	-2.36	
		<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0914	EA	5/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.14	
		<i>For >100 To 250, Deduct</i>	-1.88	
		<i>For >250 To 500, Deduct</i>	-2.36	
		<i>For >500, Deduct</i>	-2.83	
05 05 23 00-0915	EA	5/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.70	
		<i>For >100 To 250, Deduct</i>	-1.93	
		<i>For >250 To 500, Deduct</i>	-2.41	
		<i>For >500, Deduct</i>	-2.89	
05 05 23 00-0916	EA	5/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.69	
		<i>For >100 To 250, Deduct</i>	-1.93	
		<i>For >250 To 500, Deduct</i>	-2.41	
		<i>For >500, Deduct</i>	-2.89	
05 05 23 00-0917	EA	5/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.11	
		<i>For >100 To 250, Deduct</i>	-1.93	
		<i>For >250 To 500, Deduct</i>	-2.41	
		<i>For >500, Deduct</i>	-2.89	
05 05 23 00-0918	EA	5/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.11	
		<i>For >100 To 250, Deduct</i>	-1.97	
		<i>For >250 To 500, Deduct</i>	-2.46	
		<i>For >500, Deduct</i>	-2.95	
05 05 23 00-0919	EA	5/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.13	
		<i>For >100 To 250, Deduct</i>	-1.97	
		<i>For >250 To 500, Deduct</i>	-2.46	
		<i>For >500, Deduct</i>	-2.95	
05 05 23 00-0920	EA	5/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.72	
		<i>For >100 To 250, Deduct</i>	-1.97	
		<i>For >250 To 500, Deduct</i>	-2.46	
		<i>For >500, Deduct</i>	-2.95	
05 05 23 00-0921	EA	5/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.84	
		<i>For >100 To 250, Deduct</i>	-2.01	
		<i>For >250 To 500, Deduct</i>	-2.51	
		<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0922	EA	5/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	25.28	
		<i>For >100 To 250, Deduct</i>	-2.01	
		<i>For >250 To 500, Deduct</i>	-2.51	
		<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0923	EA	5/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	30.54	
		<i>For >100 To 250, Deduct</i>	-2.01	
		<i>For >250 To 500, Deduct</i>	-2.51	
		<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0924	EA	5/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	33.63	
		<i>For >100 To 250, Deduct</i>	-2.05	
		<i>For >250 To 500, Deduct</i>	-2.57	
		<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0925	EA	5/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	36.01	
		<i>For >100 To 250, Deduct</i>	-2.05	
		<i>For >250 To 500, Deduct</i>	-2.57	
		<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0926	EA	5/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	37.08	
		<i>For >100 To 250, Deduct</i>	-2.05	
		<i>For >250 To 500, Deduct</i>	-2.57	
		<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0927	EA	5/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	41.68	
		<i>For >100 To 250, Deduct</i>	-2.09	
		<i>For >250 To 500, Deduct</i>	-2.62	
		<i>For >500, Deduct</i>	-3.14	
05 05 23 00-0928	EA	5/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	43.08	
		<i>For >100 To 250, Deduct</i>	-2.09	
		<i>For >250 To 500, Deduct</i>	-2.62	
		<i>For >500, Deduct</i>	-3.14	
05 05 23 00-0929	EA	5/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	49.34	
		<i>For >100 To 250, Deduct</i>	-2.09	
		<i>For >250 To 500, Deduct</i>	-2.62	
		<i>For >500, Deduct</i>	-3.14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 05 23 00-0930	EA		5/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	51.91 -2.09 -2.62 -3.14	
05 05 23 00-0931 3/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)					
05 05 23 00-0932	EA		3/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	15.83 -1.88 -2.36 -2.83	
05 05 23 00-0933	EA		3/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	16.81 -1.88 -2.36 -2.83	
05 05 23 00-0934	EA		3/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	18.10 -1.88 -2.36 -2.83	
05 05 23 00-0935	EA		3/4" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	19.71 -1.93 -2.41 -2.89	
05 05 23 00-0936	EA		3/4" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	21.13 -1.93 -2.41 -2.89	
05 05 23 00-0937	EA		3/4" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	23.53 -1.93 -2.41 -2.89	
05 05 23 00-0938	EA		3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	25.16 -1.97 -2.46 -2.95	
05 05 23 00-0939	EA		3/4" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	27.39 -1.97 -2.46 -2.95	
05 05 23 00-0940	EA		3/4" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	29.17 -1.97 -2.46 -2.95	
05 05 23 00-0941	EA		3/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	31.23 -2.01 -2.51 -3.02	
05 05 23 00-0942	EA		3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	33.30 -2.01 -2.51 -3.02	
05 05 23 00-0943	EA		3/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	37.20 -2.01 -2.51 -3.02	
05 05 23 00-0944	EA		3/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	47.76 -2.05 -2.57 -3.08	
05 05 23 00-0945	EA		3/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	51.06 -2.05 -2.57 -3.08	
05 05 23 00-0946	EA		3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	58.13 -2.05 -2.57 -3.08	
05 05 23 00-0947	EA		3/4" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	58.65 -2.09 -2.62 -3.14	
05 05 23 00-0948	EA		3/4" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	59.77 -2.09 -2.62 -3.14	
05 05 23 00-0949	EA		3/4" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	62.78 -2.09 -2.62 -3.14	
05 05 23 00-0950	EA		3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	65.10 -2.09 -2.62 -3.14	
05 05 23 00-0951 7/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)					
05 05 23 00-0952	EA		7/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	23.02 -2.09 -2.62 -3.14	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0953	EA	7/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	25.46	
		<i>For >100 To 250, Deduct</i>	-2.09	
		<i>For >250 To 500, Deduct</i>	-2.62	
		<i>For >500, Deduct</i>	-3.14	
05 05 23 00-0954	EA	7/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	27.54	
		<i>For >100 To 250, Deduct</i>	-2.14	
		<i>For >250 To 500, Deduct</i>	-2.67	
		<i>For >500, Deduct</i>	-3.20	
05 05 23 00-0955	EA	7/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	30.01	
		<i>For >100 To 250, Deduct</i>	-2.14	
		<i>For >250 To 500, Deduct</i>	-2.67	
		<i>For >500, Deduct</i>	-3.20	
05 05 23 00-0956	EA	7/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	30.82	
		<i>For >100 To 250, Deduct</i>	-2.14	
		<i>For >250 To 500, Deduct</i>	-2.67	
		<i>For >500, Deduct</i>	-3.20	
05 05 23 00-0957	EA	7/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	33.07	
		<i>For >100 To 250, Deduct</i>	-2.18	
		<i>For >250 To 500, Deduct</i>	-2.72	
		<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0958	EA	7/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	33.85	
		<i>For >100 To 250, Deduct</i>	-2.18	
		<i>For >250 To 500, Deduct</i>	-2.72	
		<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0959	EA	7/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	39.25	
		<i>For >100 To 250, Deduct</i>	-2.18	
		<i>For >250 To 500, Deduct</i>	-2.72	
		<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0960	EA	7/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	40.26	
		<i>For >100 To 250, Deduct</i>	-2.22	
		<i>For >250 To 500, Deduct</i>	-2.78	
		<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0961	EA	7/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	42.34	
		<i>For >100 To 250, Deduct</i>	-2.22	
		<i>For >250 To 500, Deduct</i>	-2.78	
		<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0962	EA	7/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	53.76	
		<i>For >100 To 250, Deduct</i>	-2.22	
		<i>For >250 To 500, Deduct</i>	-2.78	
		<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0963	EA	7/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	58.35	
		<i>For >100 To 250, Deduct</i>	-2.26	
		<i>For >250 To 500, Deduct</i>	-2.83	
		<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0964	EA	7/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	63.48	
		<i>For >100 To 250, Deduct</i>	-2.26	
		<i>For >250 To 500, Deduct</i>	-2.83	
		<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0965	EA	7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	67.60	
		<i>For >100 To 250, Deduct</i>	-2.26	
		<i>For >250 To 500, Deduct</i>	-2.83	
		<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0966	EA	7/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	80.34	
		<i>For >100 To 250, Deduct</i>	-2.30	
		<i>For >250 To 500, Deduct</i>	-2.88	
		<i>For >500, Deduct</i>	-3.45	
05 05 23 00-0967	EA	7/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	90.38	
		<i>For >100 To 250, Deduct</i>	-2.30	
		<i>For >250 To 500, Deduct</i>	-2.88	
		<i>For >500, Deduct</i>	-3.45	
05 05 23 00-0968	EA	7/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	95.03	
		<i>For >100 To 250, Deduct</i>	-2.30	
		<i>For >250 To 500, Deduct</i>	-2.88	
		<i>For >500, Deduct</i>	-3.45	
05 05 23 00-0969	EA	7/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	99.66	
		<i>For >100 To 250, Deduct</i>	-2.30	
		<i>For >250 To 500, Deduct</i>	-2.88	
		<i>For >500, Deduct</i>	-3.45	

05 05 23 00-0970 1" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)

05 05 23 00-0971	EA	1" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	28.93	
		<i>For >100 To 250, Deduct</i>	-2.09	
		<i>For >250 To 500, Deduct</i>	-2.62	
		<i>For >500, Deduct</i>	-3.14	
05 05 23 00-0972	EA	1" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	30.72	
		<i>For >100 To 250, Deduct</i>	-2.09	
		<i>For >250 To 500, Deduct</i>	-2.62	
		<i>For >500, Deduct</i>	-3.14	
05 05 23 00-0973	EA	1" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	33.59	
		<i>For >100 To 250, Deduct</i>	-2.14	
		<i>For >250 To 500, Deduct</i>	-2.67	
		<i>For >500, Deduct</i>	-3.20	
05 05 23 00-0974	EA	1" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	35.83	
		<i>For >100 To 250, Deduct</i>	-2.14	
		<i>For >250 To 500, Deduct</i>	-2.67	
		<i>For >500, Deduct</i>	-3.20	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0975	EA		1" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	39.52	
			<i>For >100 To 250, Deduct</i>	-2.14	
			<i>For >250 To 500, Deduct</i>	-2.67	
			<i>For >500, Deduct</i>	-3.20	
05 05 23 00-0976	EA		1" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	43.88	
			<i>For >100 To 250, Deduct</i>	-2.18	
			<i>For >250 To 500, Deduct</i>	-2.72	
			<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0977	EA		1" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	46.45	
			<i>For >100 To 250, Deduct</i>	-2.18	
			<i>For >250 To 500, Deduct</i>	-2.72	
			<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0978	EA		1" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	50.25	
			<i>For >100 To 250, Deduct</i>	-2.18	
			<i>For >250 To 500, Deduct</i>	-2.72	
			<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0979	EA		1" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	54.03	
			<i>For >100 To 250, Deduct</i>	-2.22	
			<i>For >250 To 500, Deduct</i>	-2.78	
			<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0980	EA		1" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	54.24	
			<i>For >100 To 250, Deduct</i>	-2.22	
			<i>For >250 To 500, Deduct</i>	-2.78	
			<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0981	EA		1" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	64.44	
			<i>For >100 To 250, Deduct</i>	-2.22	
			<i>For >250 To 500, Deduct</i>	-2.78	
			<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0982	EA		1" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	77.55	
			<i>For >100 To 250, Deduct</i>	-2.26	
			<i>For >250 To 500, Deduct</i>	-2.83	
			<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0983	EA		1" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	79.47	
			<i>For >100 To 250, Deduct</i>	-2.26	
			<i>For >250 To 500, Deduct</i>	-2.83	
			<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0984	EA		1" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	81.39	
			<i>For >100 To 250, Deduct</i>	-2.26	
			<i>For >250 To 500, Deduct</i>	-2.83	
			<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0985	EA		1" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	85.43	
			<i>For >100 To 250, Deduct</i>	-2.30	
			<i>For >250 To 500, Deduct</i>	-2.88	
			<i>For >500, Deduct</i>	-3.45	
05 05 23 00-0986	EA		1" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	91.32	
			<i>For >100 To 250, Deduct</i>	-2.30	
			<i>For >250 To 500, Deduct</i>	-2.88	
			<i>For >500, Deduct</i>	-3.45	
05 05 23 00-0987	EA		1" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	118.07	
			<i>For >100 To 250, Deduct</i>	-2.30	
			<i>For >250 To 500, Deduct</i>	-2.88	
			<i>For >500, Deduct</i>	-3.45	
05 05 23 00-0988	EA		1" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	149.23	
			<i>For >100 To 250, Deduct</i>	-2.30	
			<i>For >250 To 500, Deduct</i>	-2.88	
			<i>For >500, Deduct</i>	-3.45	
05 05 23 00-0989			316 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0997)</small>		
05 05 23 00-0990			1/4" Diameter, 316 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0989)</small>		
05 05 23 00-0991	EA		1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	7.95	
			<i>For >100 To 250, Deduct</i>	-1.47	
			<i>For >250 To 500, Deduct</i>	-1.83	
			<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0992	EA		1" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	8.23	
			<i>For >100 To 250, Deduct</i>	-1.47	
			<i>For >250 To 500, Deduct</i>	-1.83	
			<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0993	EA		1-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	8.44	
			<i>For >100 To 250, Deduct</i>	-1.47	
			<i>For >250 To 500, Deduct</i>	-1.83	
			<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0994	EA		2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	8.58	
			<i>For >100 To 250, Deduct</i>	-1.47	
			<i>For >250 To 500, Deduct</i>	-1.83	
			<i>For >500, Deduct</i>	-2.20	
05 05 23 00-0995	EA		2-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	9.19	
			<i>For >100 To 250, Deduct</i>	-1.51	
			<i>For >250 To 500, Deduct</i>	-1.89	
			<i>For >500, Deduct</i>	-2.26	
05 05 23 00-0996	EA		3" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	9.56	
			<i>For >100 To 250, Deduct</i>	-1.51	
			<i>For >250 To 500, Deduct</i>	-1.89	
			<i>For >500, Deduct</i>	-2.26	
05 05 23 00-0997	EA		3-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	9.92	
			<i>For >100 To 250, Deduct</i>	-1.51	
			<i>For >250 To 500, Deduct</i>	-1.89	
			<i>For >500, Deduct</i>	-2.26	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0998	EA	4" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	10.42	
		<i>For >100 To 250, Deduct</i>	-1.55	
		<i>For >250 To 500, Deduct</i>	-1.94	
		<i>For >500, Deduct</i>	-2.33	
05 05 23 00-0999	EA	4-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	10.73	
		<i>For >100 To 250, Deduct</i>	-1.55	
		<i>For >250 To 500, Deduct</i>	-1.94	
		<i>For >500, Deduct</i>	-2.33	
05 05 23 00-1000	EA	5" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	10.86	
		<i>For >100 To 250, Deduct</i>	-1.55	
		<i>For >250 To 500, Deduct</i>	-1.94	
		<i>For >500, Deduct</i>	-2.33	
05 05 23 00-1001	EA	5-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	12.01	
		<i>For >100 To 250, Deduct</i>	-1.59	
		<i>For >250 To 500, Deduct</i>	-1.99	
		<i>For >500, Deduct</i>	-2.39	
05 05 23 00-1002	EA	6" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	12.26	
		<i>For >100 To 250, Deduct</i>	-1.59	
		<i>For >250 To 500, Deduct</i>	-1.99	
		<i>For >500, Deduct</i>	-2.39	
05 05 23 00-1003	EA	6-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	21.63	
		<i>For >100 To 250, Deduct</i>	-1.59	
		<i>For >250 To 500, Deduct</i>	-1.99	
		<i>For >500, Deduct</i>	-2.39	
05 05 23 00-1004	EA	7" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	33.18	
		<i>For >100 To 250, Deduct</i>	-1.63	
		<i>For >250 To 500, Deduct</i>	-2.04	
		<i>For >500, Deduct</i>	-2.45	
05 05 23 00-1005	EA	7-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	58.18	
		<i>For >100 To 250, Deduct</i>	-1.63	
		<i>For >250 To 500, Deduct</i>	-2.04	
		<i>For >500, Deduct</i>	-2.45	
05 05 23 00-1006	EA	8" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	63.88	
		<i>For >100 To 250, Deduct</i>	-1.63	
		<i>For >250 To 500, Deduct</i>	-2.04	
		<i>For >500, Deduct</i>	-2.45	

05 05 23 00-1007 5/16" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0999)

05 05 23 00-1008	EA	5/16" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt	8.34	
		<i>For >100 To 250, Deduct</i>	-1.47	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.20	
05 05 23 00-1009	EA	5/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	8.65	
		<i>For >100 To 250, Deduct</i>	-1.47	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.20	
05 05 23 00-1010	EA	5/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.19	
		<i>For >100 To 250, Deduct</i>	-1.47	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.20	
05 05 23 00-1011	EA	5/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	9.60	
		<i>For >100 To 250, Deduct</i>	-1.47	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.20	
05 05 23 00-1012	EA	5/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.98	
		<i>For >100 To 250, Deduct</i>	-1.51	
		<i>For >250 To 500, Deduct</i>	-1.89	
		<i>For >500, Deduct</i>	-2.26	
05 05 23 00-1013	EA	5/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	10.80	
		<i>For >100 To 250, Deduct</i>	-1.51	
		<i>For >250 To 500, Deduct</i>	-1.89	
		<i>For >500, Deduct</i>	-2.26	
05 05 23 00-1014	EA	5/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	11.38	
		<i>For >100 To 250, Deduct</i>	-1.51	
		<i>For >250 To 500, Deduct</i>	-1.89	
		<i>For >500, Deduct</i>	-2.26	
05 05 23 00-1015	EA	5/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	11.84	
		<i>For >100 To 250, Deduct</i>	-1.55	
		<i>For >250 To 500, Deduct</i>	-1.94	
		<i>For >500, Deduct</i>	-2.33	
05 05 23 00-1016	EA	5/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	13.07	
		<i>For >100 To 250, Deduct</i>	-1.55	
		<i>For >250 To 500, Deduct</i>	-1.94	
		<i>For >500, Deduct</i>	-2.33	
05 05 23 00-1017	EA	5/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	13.32	
		<i>For >100 To 250, Deduct</i>	-1.55	
		<i>For >250 To 500, Deduct</i>	-1.94	
		<i>For >500, Deduct</i>	-2.33	
05 05 23 00-1018	EA	5/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	14.39	
		<i>For >100 To 250, Deduct</i>	-1.59	
		<i>For >250 To 500, Deduct</i>	-1.99	
		<i>For >500, Deduct</i>	-2.39	
05 05 23 00-1019	EA	5/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	15.35	
		<i>For >100 To 250, Deduct</i>	-1.59	
		<i>For >250 To 500, Deduct</i>	-1.99	
		<i>For >500, Deduct</i>	-2.39	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST
05 05 23 00-1020	EA			5/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	23.32	
				<i>For >100 To 250, Deduct</i>	-1.59	
				<i>For >250 To 500, Deduct</i>	-1.99	
				<i>For >500, Deduct</i>	-2.39	
05 05 23 00-1021	EA			5/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	34.85	
				<i>For >100 To 250, Deduct</i>	-1.63	
				<i>For >250 To 500, Deduct</i>	-2.04	
				<i>For >500, Deduct</i>	-2.45	
05 05 23 00-1022				3/8" Diameter, 316 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0989)</small>		
05 05 23 00-1023	EA			3/8" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.18	
				<i>For >100 To 250, Deduct</i>	-1.47	
				<i>For >250 To 500, Deduct</i>	-1.83	
				<i>For >500, Deduct</i>	-2.20	
05 05 23 00-1024	EA			3/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	9.31	
				<i>For >100 To 250, Deduct</i>	-1.47	
				<i>For >250 To 500, Deduct</i>	-1.83	
				<i>For >500, Deduct</i>	-2.20	
05 05 23 00-1025	EA			3/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.81	
				<i>For >100 To 250, Deduct</i>	-1.47	
				<i>For >250 To 500, Deduct</i>	-1.83	
				<i>For >500, Deduct</i>	-2.20	
05 05 23 00-1026	EA			3/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	11.00	
				<i>For >100 To 250, Deduct</i>	-1.47	
				<i>For >250 To 500, Deduct</i>	-1.83	
				<i>For >500, Deduct</i>	-2.20	
05 05 23 00-1027	EA			3/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	11.63	
				<i>For >100 To 250, Deduct</i>	-1.51	
				<i>For >250 To 500, Deduct</i>	-1.89	
				<i>For >500, Deduct</i>	-2.26	
05 05 23 00-1028	EA			3/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	11.84	
				<i>For >100 To 250, Deduct</i>	-1.51	
				<i>For >250 To 500, Deduct</i>	-1.89	
				<i>For >500, Deduct</i>	-2.26	
05 05 23 00-1029	EA			3/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	12.88	
				<i>For >100 To 250, Deduct</i>	-1.51	
				<i>For >250 To 500, Deduct</i>	-1.89	
				<i>For >500, Deduct</i>	-2.26	
05 05 23 00-1030	EA			3/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	13.24	
				<i>For >100 To 250, Deduct</i>	-1.55	
				<i>For >250 To 500, Deduct</i>	-1.94	
				<i>For >500, Deduct</i>	-2.33	
05 05 23 00-1031	EA			3/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	13.89	
				<i>For >100 To 250, Deduct</i>	-1.55	
				<i>For >250 To 500, Deduct</i>	-1.94	
				<i>For >500, Deduct</i>	-2.33	
05 05 23 00-1032	EA			3/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	14.34	
				<i>For >100 To 250, Deduct</i>	-1.55	
				<i>For >250 To 500, Deduct</i>	-1.94	
				<i>For >500, Deduct</i>	-2.33	
05 05 23 00-1033	EA			3/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	15.99	
				<i>For >100 To 250, Deduct</i>	-1.59	
				<i>For >250 To 500, Deduct</i>	-1.99	
				<i>For >500, Deduct</i>	-2.39	
05 05 23 00-1034	EA			3/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	17.73	
				<i>For >100 To 250, Deduct</i>	-1.59	
				<i>For >250 To 500, Deduct</i>	-1.99	
				<i>For >500, Deduct</i>	-2.39	
05 05 23 00-1035	EA			3/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	17.81	
				<i>For >100 To 250, Deduct</i>	-1.59	
				<i>For >250 To 500, Deduct</i>	-1.99	
				<i>For >500, Deduct</i>	-2.39	
05 05 23 00-1036	EA			3/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	22.44	
				<i>For >100 To 250, Deduct</i>	-1.63	
				<i>For >250 To 500, Deduct</i>	-2.04	
				<i>For >500, Deduct</i>	-2.45	
05 05 23 00-1037	EA			3/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	29.66	
				<i>For >100 To 250, Deduct</i>	-1.63	
				<i>For >250 To 500, Deduct</i>	-2.04	
				<i>For >500, Deduct</i>	-2.45	
05 05 23 00-1038	EA			3/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	37.46	
				<i>For >100 To 250, Deduct</i>	-1.63	
				<i>For >250 To 500, Deduct</i>	-2.04	
				<i>For >500, Deduct</i>	-2.45	
05 05 23 00-1039				7/16" Diameter, 316 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0989)</small>		
05 05 23 00-1040	EA			7/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	12.21	
				<i>For >100 To 250, Deduct</i>	-1.67	
				<i>For >250 To 500, Deduct</i>	-2.09	
				<i>For >500, Deduct</i>	-2.51	
05 05 23 00-1041	EA			7/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	12.96	
				<i>For >100 To 250, Deduct</i>	-1.67	
				<i>For >250 To 500, Deduct</i>	-2.09	
				<i>For >500, Deduct</i>	-2.51	
05 05 23 00-1042	EA			7/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	14.36	
				<i>For >100 To 250, Deduct</i>	-1.67	
				<i>For >250 To 500, Deduct</i>	-2.09	
				<i>For >500, Deduct</i>	-2.51	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-1043	EA	7/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	15.78	
		<i>For >100 To 250, Deduct</i>	-1.72	
		<i>For >250 To 500, Deduct</i>	-2.15	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-1044	EA	7/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	17.12	
		<i>For >100 To 250, Deduct</i>	-1.72	
		<i>For >250 To 500, Deduct</i>	-2.15	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-1045	EA	7/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	19.33	
		<i>For >100 To 250, Deduct</i>	-1.72	
		<i>For >250 To 500, Deduct</i>	-2.15	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-1046	EA	7/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	21.65	
		<i>For >100 To 250, Deduct</i>	-1.76	
		<i>For >250 To 500, Deduct</i>	-2.20	
		<i>For >500, Deduct</i>	-2.64	
05 05 23 00-1047	EA	7/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	22.04	
		<i>For >100 To 250, Deduct</i>	-1.76	
		<i>For >250 To 500, Deduct</i>	-2.20	
		<i>For >500, Deduct</i>	-2.64	
05 05 23 00-1048	EA	7/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	22.84	
		<i>For >100 To 250, Deduct</i>	-1.76	
		<i>For >250 To 500, Deduct</i>	-2.20	
		<i>For >500, Deduct</i>	-2.64	
05 05 23 00-1049	EA	7/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	23.60	
		<i>For >100 To 250, Deduct</i>	-1.80	
		<i>For >250 To 500, Deduct</i>	-2.25	
		<i>For >500, Deduct</i>	-2.70	
05 05 23 00-1050	EA	7/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	24.18	
		<i>For >100 To 250, Deduct</i>	-1.80	
		<i>For >250 To 500, Deduct</i>	-2.25	
		<i>For >500, Deduct</i>	-2.70	
05 05 23 00-1051	EA	7/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	24.75	
		<i>For >100 To 250, Deduct</i>	-1.80	
		<i>For >250 To 500, Deduct</i>	-2.25	
		<i>For >500, Deduct</i>	-2.70	
05 05 23 00-1052	EA	7/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	25.41	
		<i>For >100 To 250, Deduct</i>	-1.84	
		<i>For >250 To 500, Deduct</i>	-2.30	
		<i>For >500, Deduct</i>	-2.76	

05 05 23 00-1053 1/2" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)

05 05 23 00-1054	EA	1/2" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	12.17	
		<i>For >100 To 250, Deduct</i>	-1.67	
		<i>For >250 To 500, Deduct</i>	-2.09	
		<i>For >500, Deduct</i>	-2.51	
05 05 23 00-1055	EA	1/2" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	12.98	
		<i>For >100 To 250, Deduct</i>	-1.67	
		<i>For >250 To 500, Deduct</i>	-2.09	
		<i>For >500, Deduct</i>	-2.51	
05 05 23 00-1056	EA	1/2" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	14.11	
		<i>For >100 To 250, Deduct</i>	-1.67	
		<i>For >250 To 500, Deduct</i>	-2.09	
		<i>For >500, Deduct</i>	-2.51	
05 05 23 00-1057	EA	1/2" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	15.66	
		<i>For >100 To 250, Deduct</i>	-1.72	
		<i>For >250 To 500, Deduct</i>	-2.15	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-1058	EA	1/2" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	16.91	
		<i>For >100 To 250, Deduct</i>	-1.72	
		<i>For >250 To 500, Deduct</i>	-2.15	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-1059	EA	1/2" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	17.22	
		<i>For >100 To 250, Deduct</i>	-1.72	
		<i>For >250 To 500, Deduct</i>	-2.15	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-1060	EA	1/2" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	17.95	
		<i>For >100 To 250, Deduct</i>	-1.76	
		<i>For >250 To 500, Deduct</i>	-2.20	
		<i>For >500, Deduct</i>	-2.64	
05 05 23 00-1061	EA	1/2" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	20.35	
		<i>For >100 To 250, Deduct</i>	-1.76	
		<i>For >250 To 500, Deduct</i>	-2.20	
		<i>For >500, Deduct</i>	-2.64	
05 05 23 00-1062	EA	1/2" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	25.23	
		<i>For >100 To 250, Deduct</i>	-1.76	
		<i>For >250 To 500, Deduct</i>	-2.20	
		<i>For >500, Deduct</i>	-2.64	
05 05 23 00-1063	EA	1/2" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	25.81	
		<i>For >100 To 250, Deduct</i>	-1.80	
		<i>For >250 To 500, Deduct</i>	-2.25	
		<i>For >500, Deduct</i>	-2.70	
05 05 23 00-1064	EA	1/2" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	26.58	
		<i>For >100 To 250, Deduct</i>	-1.80	
		<i>For >250 To 500, Deduct</i>	-2.25	
		<i>For >500, Deduct</i>	-2.70	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1065	EA		1/2" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	32.61	
			<i>For >100 To 250, Deduct</i>	-1.80	
			<i>For >250 To 500, Deduct</i>	-2.25	
			<i>For >500, Deduct</i>	-2.70	
05 05 23 00-1066	EA		1/2" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	36.84	
			<i>For >100 To 250, Deduct</i>	-1.84	
			<i>For >250 To 500, Deduct</i>	-2.30	
			<i>For >500, Deduct</i>	-2.76	
05 05 23 00-1067	EA		1/2" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	39.45	
			<i>For >100 To 250, Deduct</i>	-1.84	
			<i>For >250 To 500, Deduct</i>	-2.30	
			<i>For >500, Deduct</i>	-2.76	
05 05 23 00-1068	EA		1/2" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	43.77	
			<i>For >100 To 250, Deduct</i>	-1.84	
			<i>For >250 To 500, Deduct</i>	-2.30	
			<i>For >500, Deduct</i>	-2.76	
05 05 23 00-1069	EA		1/2" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	55.40	
			<i>For >100 To 250, Deduct</i>	-1.88	
			<i>For >250 To 500, Deduct</i>	-2.36	
			<i>For >500, Deduct</i>	-2.83	
05 05 23 00-1070	EA		1/2" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	62.78	
			<i>For >100 To 250, Deduct</i>	-1.88	
			<i>For >250 To 500, Deduct</i>	-2.36	
			<i>For >500, Deduct</i>	-2.83	
05 05 23 00-1071	EA		1/2" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	63.99	
			<i>For >100 To 250, Deduct</i>	-1.88	
			<i>For >250 To 500, Deduct</i>	-2.36	
			<i>For >500, Deduct</i>	-2.83	
05 05 23 00-1072	EA		1/2" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	65.87	
			<i>For >100 To 250, Deduct</i>	-1.88	
			<i>For >250 To 500, Deduct</i>	-2.36	
			<i>For >500, Deduct</i>	-2.83	
05 05 23 00-1073			9/16" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)		
05 05 23 00-1074	EA		9/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	32.37	
			<i>For >100 To 250, Deduct</i>	-1.67	
			<i>For >250 To 500, Deduct</i>	-2.09	
			<i>For >500, Deduct</i>	-2.51	
05 05 23 00-1075	EA		9/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	35.02	
			<i>For >100 To 250, Deduct</i>	-1.67	
			<i>For >250 To 500, Deduct</i>	-2.09	
			<i>For >500, Deduct</i>	-2.51	
05 05 23 00-1076	EA		9/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	43.89	
			<i>For >100 To 250, Deduct</i>	-1.67	
			<i>For >250 To 500, Deduct</i>	-2.09	
			<i>For >500, Deduct</i>	-2.51	
05 05 23 00-1077	EA		9/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	49.07	
			<i>For >100 To 250, Deduct</i>	-1.72	
			<i>For >250 To 500, Deduct</i>	-2.15	
			<i>For >500, Deduct</i>	-2.57	
05 05 23 00-1078	EA		9/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	54.31	
			<i>For >100 To 250, Deduct</i>	-1.72	
			<i>For >250 To 500, Deduct</i>	-2.15	
			<i>For >500, Deduct</i>	-2.57	
05 05 23 00-1079	EA		9/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	59.56	
			<i>For >100 To 250, Deduct</i>	-1.72	
			<i>For >250 To 500, Deduct</i>	-2.15	
			<i>For >500, Deduct</i>	-2.57	
05 05 23 00-1080	EA		9/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	63.03	
			<i>For >100 To 250, Deduct</i>	-1.76	
			<i>For >250 To 500, Deduct</i>	-2.20	
			<i>For >500, Deduct</i>	-2.64	
05 05 23 00-1081	EA		9/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	67.35	
			<i>For >100 To 250, Deduct</i>	-1.76	
			<i>For >250 To 500, Deduct</i>	-2.20	
			<i>For >500, Deduct</i>	-2.64	
05 05 23 00-1082	EA		9/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	71.19	
			<i>For >100 To 250, Deduct</i>	-1.76	
			<i>For >250 To 500, Deduct</i>	-2.20	
			<i>For >500, Deduct</i>	-2.64	
05 05 23 00-1083	EA		9/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	72.56	
			<i>For >100 To 250, Deduct</i>	-1.80	
			<i>For >250 To 500, Deduct</i>	-2.25	
			<i>For >500, Deduct</i>	-2.70	
05 05 23 00-1084	EA		9/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	75.94	
			<i>For >100 To 250, Deduct</i>	-1.80	
			<i>For >250 To 500, Deduct</i>	-2.25	
			<i>For >500, Deduct</i>	-2.70	
05 05 23 00-1085			5/8" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)		
05 05 23 00-1086	EA		5/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	17.33	
			<i>For >100 To 250, Deduct</i>	-1.88	
			<i>For >250 To 500, Deduct</i>	-2.36	
			<i>For >500, Deduct</i>	-2.83	
05 05 23 00-1087	EA		5/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	17.56	
			<i>For >100 To 250, Deduct</i>	-1.88	
			<i>For >250 To 500, Deduct</i>	-2.36	
			<i>For >500, Deduct</i>	-2.83	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-1088	EA	5/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	17.64	
		<i>For >100 To 250, Deduct</i>	-1.88	
		<i>For >250 To 500, Deduct</i>	-2.36	
		<i>For >500, Deduct</i>	-2.83	
05 05 23 00-1089	EA	5/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	19.36	
		<i>For >100 To 250, Deduct</i>	-1.93	
		<i>For >250 To 500, Deduct</i>	-2.41	
		<i>For >500, Deduct</i>	-2.89	
05 05 23 00-1090	EA	5/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	20.92	
		<i>For >100 To 250, Deduct</i>	-1.93	
		<i>For >250 To 500, Deduct</i>	-2.41	
		<i>For >500, Deduct</i>	-2.89	
05 05 23 00-1091	EA	5/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	25.85	
		<i>For >100 To 250, Deduct</i>	-1.93	
		<i>For >250 To 500, Deduct</i>	-2.41	
		<i>For >500, Deduct</i>	-2.89	
05 05 23 00-1092	EA	5/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	27.10	
		<i>For >100 To 250, Deduct</i>	-1.97	
		<i>For >250 To 500, Deduct</i>	-2.46	
		<i>For >500, Deduct</i>	-2.95	
05 05 23 00-1093	EA	5/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	31.42	
		<i>For >100 To 250, Deduct</i>	-1.97	
		<i>For >250 To 500, Deduct</i>	-2.46	
		<i>For >500, Deduct</i>	-2.95	
05 05 23 00-1094	EA	5/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	32.92	
		<i>For >100 To 250, Deduct</i>	-1.97	
		<i>For >250 To 500, Deduct</i>	-2.46	
		<i>For >500, Deduct</i>	-2.95	
05 05 23 00-1095	EA	5/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	35.97	
		<i>For >100 To 250, Deduct</i>	-2.01	
		<i>For >250 To 500, Deduct</i>	-2.51	
		<i>For >500, Deduct</i>	-3.02	
05 05 23 00-1096	EA	5/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	37.20	
		<i>For >100 To 250, Deduct</i>	-2.01	
		<i>For >250 To 500, Deduct</i>	-2.51	
		<i>For >500, Deduct</i>	-3.02	
05 05 23 00-1097	EA	5/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	44.76	
		<i>For >100 To 250, Deduct</i>	-2.01	
		<i>For >250 To 500, Deduct</i>	-2.51	
		<i>For >500, Deduct</i>	-3.02	
05 05 23 00-1098	EA	5/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	47.70	
		<i>For >100 To 250, Deduct</i>	-2.05	
		<i>For >250 To 500, Deduct</i>	-2.57	
		<i>For >500, Deduct</i>	-3.08	
05 05 23 00-1099	EA	5/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	48.66	
		<i>For >100 To 250, Deduct</i>	-2.05	
		<i>For >250 To 500, Deduct</i>	-2.57	
		<i>For >500, Deduct</i>	-3.08	
05 05 23 00-1100	EA	5/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	52.19	
		<i>For >100 To 250, Deduct</i>	-2.05	
		<i>For >250 To 500, Deduct</i>	-2.57	
		<i>For >500, Deduct</i>	-3.08	
05 05 23 00-1101	EA	5/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	55.58	
		<i>For >100 To 250, Deduct</i>	-2.09	
		<i>For >250 To 500, Deduct</i>	-2.62	
		<i>For >500, Deduct</i>	-3.14	
05 05 23 00-1102	EA	5/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	58.58	
		<i>For >100 To 250, Deduct</i>	-2.09	
		<i>For >250 To 500, Deduct</i>	-2.62	
		<i>For >500, Deduct</i>	-3.14	
05 05 23 00-1103	EA	5/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	72.86	
		<i>For >100 To 250, Deduct</i>	-2.09	
		<i>For >250 To 500, Deduct</i>	-2.62	
		<i>For >500, Deduct</i>	-3.14	
05 05 23 00-1104	EA	5/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	88.12	
		<i>For >100 To 250, Deduct</i>	-2.09	
		<i>For >250 To 500, Deduct</i>	-2.62	
		<i>For >500, Deduct</i>	-3.14	
05 05 23 00-1105		3/4" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)		
05 05 23 00-1106	EA	3/4" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	23.34	
		<i>For >100 To 250, Deduct</i>	-1.88	
		<i>For >250 To 500, Deduct</i>	-2.36	
		<i>For >500, Deduct</i>	-2.83	
05 05 23 00-1107	EA	3/4" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	23.88	
		<i>For >100 To 250, Deduct</i>	-1.88	
		<i>For >250 To 500, Deduct</i>	-2.36	
		<i>For >500, Deduct</i>	-2.83	
05 05 23 00-1108	EA	3/4" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	25.93	
		<i>For >100 To 250, Deduct</i>	-1.88	
		<i>For >250 To 500, Deduct</i>	-2.36	
		<i>For >500, Deduct</i>	-2.83	
05 05 23 00-1109	EA	3/4" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	27.95	
		<i>For >100 To 250, Deduct</i>	-1.93	
		<i>For >250 To 500, Deduct</i>	-2.41	
		<i>For >500, Deduct</i>	-2.89	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 05 23 00-1110	EA		3/4" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	31.79	
			For >100 To 250, Deduct	-1.93	
			For >250 To 500, Deduct	-2.41	
			For >500, Deduct	-2.89	
05 05 23 00-1111	EA		3/4" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	34.01	
			For >100 To 250, Deduct	-1.93	
			For >250 To 500, Deduct	-2.41	
			For >500, Deduct	-2.89	
05 05 23 00-1112	EA		3/4" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	38.97	
			For >100 To 250, Deduct	-1.97	
			For >250 To 500, Deduct	-2.46	
			For >500, Deduct	-2.95	
05 05 23 00-1113	EA		3/4" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	40.92	
			For >100 To 250, Deduct	-1.97	
			For >250 To 500, Deduct	-2.46	
			For >500, Deduct	-2.95	
05 05 23 00-1114	EA		3/4" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	42.00	
			For >100 To 250, Deduct	-1.97	
			For >250 To 500, Deduct	-2.46	
			For >500, Deduct	-2.95	
05 05 23 00-1115	EA		3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	43.65	
			For >100 To 250, Deduct	-2.01	
			For >250 To 500, Deduct	-2.51	
			For >500, Deduct	-3.02	
05 05 23 00-1116	EA		3/4" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	46.11	
			For >100 To 250, Deduct	-2.01	
			For >250 To 500, Deduct	-2.51	
			For >500, Deduct	-3.02	
05 05 23 00-1117	EA		3/4" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	53.67	
			For >100 To 250, Deduct	-2.01	
			For >250 To 500, Deduct	-2.51	
			For >500, Deduct	-3.02	
05 05 23 00-1118	EA		3/4" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	64.83	
			For >100 To 250, Deduct	-2.05	
			For >250 To 500, Deduct	-2.57	
			For >500, Deduct	-3.08	
05 05 23 00-1119	EA		3/4" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	73.35	
			For >100 To 250, Deduct	-2.05	
			For >250 To 500, Deduct	-2.57	
			For >500, Deduct	-3.08	
05 05 23 00-1120	EA		3/4" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	74.64	
			For >100 To 250, Deduct	-2.05	
			For >250 To 500, Deduct	-2.57	
			For >500, Deduct	-3.08	
05 05 23 00-1121	EA		3/4" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	79.96	
			For >100 To 250, Deduct	-2.09	
			For >250 To 500, Deduct	-2.62	
			For >500, Deduct	-3.14	
05 05 23 00-1122	EA		3/4" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	92.89	
			For >100 To 250, Deduct	-2.09	
			For >250 To 500, Deduct	-2.62	
			For >500, Deduct	-3.14	
05 05 23 00-1123	EA		3/4" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	93.98	
			For >100 To 250, Deduct	-2.09	
			For >250 To 500, Deduct	-2.62	
			For >500, Deduct	-3.14	
05 05 23 00-1124	EA		3/4" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	96.71	
			For >100 To 250, Deduct	-2.09	
			For >250 To 500, Deduct	-2.62	
			For >500, Deduct	-3.14	
05 05 23 00-1125			7/8" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)		
05 05 23 00-1126	EA		7/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	26.34	
			For >100 To 250, Deduct	-2.09	
			For >250 To 500, Deduct	-2.62	
			For >500, Deduct	-3.14	
05 05 23 00-1127	EA		7/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	29.89	
			For >100 To 250, Deduct	-2.09	
			For >250 To 500, Deduct	-2.62	
			For >500, Deduct	-3.14	
05 05 23 00-1128	EA		7/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	32.05	
			For >100 To 250, Deduct	-2.14	
			For >250 To 500, Deduct	-2.67	
			For >500, Deduct	-3.20	
05 05 23 00-1129	EA		7/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	37.02	
			For >100 To 250, Deduct	-2.14	
			For >250 To 500, Deduct	-2.67	
			For >500, Deduct	-3.20	
05 05 23 00-1130	EA		7/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	39.25	
			For >100 To 250, Deduct	-2.14	
			For >250 To 500, Deduct	-2.67	
			For >500, Deduct	-3.20	
05 05 23 00-1131	EA		7/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	41.42	
			For >100 To 250, Deduct	-2.18	
			For >250 To 500, Deduct	-2.72	
			For >500, Deduct	-3.27	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-1132	EA	7/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	44.43	
		<i>For >100 To 250, Deduct</i>	-2.18	
		<i>For >250 To 500, Deduct</i>	-2.72	
		<i>For >500, Deduct</i>	-3.27	
05 05 23 00-1133	EA	7/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	51.21	
		<i>For >100 To 250, Deduct</i>	-2.18	
		<i>For >250 To 500, Deduct</i>	-2.72	
		<i>For >500, Deduct</i>	-3.27	
05 05 23 00-1134	EA	7/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	51.59	
		<i>For >100 To 250, Deduct</i>	-2.22	
		<i>For >250 To 500, Deduct</i>	-2.78	
		<i>For >500, Deduct</i>	-3.33	
05 05 23 00-1135	EA	7/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	53.84	
		<i>For >100 To 250, Deduct</i>	-2.22	
		<i>For >250 To 500, Deduct</i>	-2.78	
		<i>For >500, Deduct</i>	-3.33	
05 05 23 00-1136	EA	7/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	72.81	
		<i>For >100 To 250, Deduct</i>	-2.22	
		<i>For >250 To 500, Deduct</i>	-2.78	
		<i>For >500, Deduct</i>	-3.33	
05 05 23 00-1137	EA	7/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	81.39	
		<i>For >100 To 250, Deduct</i>	-2.26	
		<i>For >250 To 500, Deduct</i>	-2.83	
		<i>For >500, Deduct</i>	-3.39	
05 05 23 00-1138	EA	7/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	90.39	
		<i>For >100 To 250, Deduct</i>	-2.26	
		<i>For >250 To 500, Deduct</i>	-2.83	
		<i>For >500, Deduct</i>	-3.39	
05 05 23 00-1139	EA	7/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	94.83	
		<i>For >100 To 250, Deduct</i>	-2.26	
		<i>For >250 To 500, Deduct</i>	-2.83	
		<i>For >500, Deduct</i>	-3.39	
05 05 23 00-1140	EA	7/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	100.79	
		<i>For >100 To 250, Deduct</i>	-2.30	
		<i>For >250 To 500, Deduct</i>	-2.88	
		<i>For >500, Deduct</i>	-3.45	
05 05 23 00-1141	EA	7/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	104.65	
		<i>For >100 To 250, Deduct</i>	-2.30	
		<i>For >250 To 500, Deduct</i>	-2.88	
		<i>For >500, Deduct</i>	-3.45	
05 05 23 00-1142	EA	7/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	108.47	
		<i>For >100 To 250, Deduct</i>	-2.30	
		<i>For >250 To 500, Deduct</i>	-2.88	
		<i>For >500, Deduct</i>	-3.45	
05 05 23 00-1143	EA	7/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	112.77	
		<i>For >100 To 250, Deduct</i>	-2.30	
		<i>For >250 To 500, Deduct</i>	-2.88	
		<i>For >500, Deduct</i>	-3.45	

05 05 23 00-1144 1" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)

05 05 23 00-1145	EA	1" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	34.15	
		<i>For >100 To 250, Deduct</i>	-2.09	
		<i>For >250 To 500, Deduct</i>	-2.62	
		<i>For >500, Deduct</i>	-3.14	
05 05 23 00-1146	EA	1" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	39.84	
		<i>For >100 To 250, Deduct</i>	-2.14	
		<i>For >250 To 500, Deduct</i>	-2.67	
		<i>For >500, Deduct</i>	-3.20	
05 05 23 00-1147	EA	1" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	43.51	
		<i>For >100 To 250, Deduct</i>	-2.14	
		<i>For >250 To 500, Deduct</i>	-2.67	
		<i>For >500, Deduct</i>	-3.20	
05 05 23 00-1148	EA	1" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	49.37	
		<i>For >100 To 250, Deduct</i>	-2.14	
		<i>For >250 To 500, Deduct</i>	-2.67	
		<i>For >500, Deduct</i>	-3.20	
05 05 23 00-1149	EA	1" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	51.67	
		<i>For >100 To 250, Deduct</i>	-2.18	
		<i>For >250 To 500, Deduct</i>	-2.72	
		<i>For >500, Deduct</i>	-3.27	
05 05 23 00-1150	EA	1" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	55.65	
		<i>For >100 To 250, Deduct</i>	-2.18	
		<i>For >250 To 500, Deduct</i>	-2.72	
		<i>For >500, Deduct</i>	-3.27	
05 05 23 00-1151	EA	1" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	59.66	
		<i>For >100 To 250, Deduct</i>	-2.18	
		<i>For >250 To 500, Deduct</i>	-2.72	
		<i>For >500, Deduct</i>	-3.27	
05 05 23 00-1152	EA	1" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	63.90	
		<i>For >100 To 250, Deduct</i>	-2.22	
		<i>For >250 To 500, Deduct</i>	-2.78	
		<i>For >500, Deduct</i>	-3.33	
05 05 23 00-1153	EA	1" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	74.27	
		<i>For >100 To 250, Deduct</i>	-2.22	
		<i>For >250 To 500, Deduct</i>	-2.78	
		<i>For >500, Deduct</i>	-3.33	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1154	EA		1" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	84.48	
			For >100 To 250, Deduct	-2.22	
			For >250 To 500, Deduct	-2.78	
			For >500, Deduct	-3.33	
05 05 23 00-1155	EA		1" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	98.67	
			For >100 To 250, Deduct	-2.26	
			For >250 To 500, Deduct	-2.83	
			For >500, Deduct	-3.39	
05 05 23 00-1156	EA		1" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	110.42	
			For >100 To 250, Deduct	-2.26	
			For >250 To 500, Deduct	-2.83	
			For >500, Deduct	-3.39	
05 05 23 00-1157	EA		1" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	112.11	
			For >100 To 250, Deduct	-2.26	
			For >250 To 500, Deduct	-2.83	
			For >500, Deduct	-3.39	
05 05 23 00-1158	EA		1" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	116.15	
			For >100 To 250, Deduct	-2.30	
			For >250 To 500, Deduct	-2.88	
			For >500, Deduct	-3.45	
05 05 23 00-1159	EA		1" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	117.76	
			For >100 To 250, Deduct	-2.30	
			For >250 To 500, Deduct	-2.88	
			For >500, Deduct	-3.45	
05 05 23 00-1160	EA		1" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	137.27	
			For >100 To 250, Deduct	-2.30	
			For >250 To 500, Deduct	-2.88	
			For >500, Deduct	-3.45	
05 05 23 00-1161	EA		1" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	156.11	
			For >100 To 250, Deduct	-2.30	
			For >250 To 500, Deduct	-2.88	
			For >500, Deduct	-3.45	
05 05 23 00-1162			Screws (05 05 23)		
05 05 23 00-1163			Teks® 5 Self Drilling Screws (05 05 23 00-1162)		
			Note: Includes Ciimaseal® finish, self-drill point and tapping threads.		
05 05 23 00-1164	EA		12-24 x 1-1/4", Hex Washer Head, Teks® 5 Self Drilling Screw	3.99	
			For >10 To 50, Deduct	-0.17	
			For >50 To 100, Deduct	-0.36	
			For >100, Deduct	-0.72	
05 05 23 00-1165	EA		12-24 x 1-1/2", Hex Washer Head, Teks® 5 Self Drilling Screw	4.17	
			For >10 To 50, Deduct	-0.17	
			For >50 To 100, Deduct	-0.37	
			For >100, Deduct	-0.73	
05 05 23 00-1166	EA		12-24 x 2", Hex Washer Head, Teks® 5 Self Drilling Screw	4.66	
			For >10 To 50, Deduct	-0.19	
			For >50 To 100, Deduct	-0.40	
			For >100, Deduct	-0.79	
05 05 23 00-1167	EA		1/4"-28 x 3", Hex Washer Head, Teks® 5 Self Drilling Screw	6.44	
			For >10 To 50, Deduct	-0.23	
			For >50 To 100, Deduct	-0.51	
			For >100, Deduct	-1.02	
05 05 23 00-1168	EA		1/4"-28 x 4", Hex Washer Head, Teks® 5 Self Drilling Screw	6.88	
			For >10 To 50, Deduct	-0.24	
			For >50 To 100, Deduct	-0.54	
			For >100, Deduct	-1.08	
05 05 23 00-1169	EA		1/4"-28 x 6", Hex Washer Head, Teks® 5 Self Drilling Screw	8.56	
			For >10 To 50, Deduct	-0.26	
			For >50 To 100, Deduct	-0.60	
			For >100, Deduct	-1.20	
05 05 23 00-1170	EA		1/4"-28 x 8", Hex Washer Head, Teks® 5 Self Drilling Screw	9.59	
			For >10 To 50, Deduct	-0.27	
			For >50 To 100, Deduct	-0.64	
			For >100, Deduct	-1.28	
05 05 23 00-1171			Security Screws (05 05 23 00-1162)		
05 05 23 00-1172			304/18-8 Stainless Steel, Security Screws (05 05 23 00-1171)		
			Note: Includes "security" style drive in machine or sheet metal screw threads.		
05 05 23 00-1173	EA		#4 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screws	3.13	
			For >10 To 50, Deduct	-0.15	
			For >50 To 100, Deduct	-0.30	
			For >100, Deduct	-0.60	
05 05 23 00-1174	EA		#6 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.69	
			For >10 To 50, Deduct	-0.15	
			For >50 To 100, Deduct	-0.31	
			For >100, Deduct	-0.62	
05 05 23 00-1175	EA		#6 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	4.16	
			For >10 To 50, Deduct	-0.15	
			For >50 To 100, Deduct	-0.32	
			For >100, Deduct	-0.65	
05 05 23 00-1176	EA		#6 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	4.32	
			For >10 To 50, Deduct	-0.15	
			For >50 To 100, Deduct	-0.33	
			For >100, Deduct	-0.66	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-1177	EA	#6 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	4.63	
		<i>For >10 To 50, Deduct</i>	-0.15	
		<i>For >50 To 100, Deduct</i>	-0.34	
		<i>For >100, Deduct</i>	-0.67	
05 05 23 00-1178	EA	#8 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.81	
		<i>For >10 To 50, Deduct</i>	-0.15	
		<i>For >50 To 100, Deduct</i>	-0.32	
		<i>For >100, Deduct</i>	-0.63	
05 05 23 00-1179	EA	#8 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	4.04	
		<i>For >10 To 50, Deduct</i>	-0.15	
		<i>For >50 To 100, Deduct</i>	-0.32	
		<i>For >100, Deduct</i>	-0.64	
05 05 23 00-1180	EA	#8 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	4.51	
		<i>For >10 To 50, Deduct</i>	-0.15	
		<i>For >50 To 100, Deduct</i>	-0.33	
		<i>For >100, Deduct</i>	-0.67	
05 05 23 00-1181	EA	#8 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	4.65	
		<i>For >10 To 50, Deduct</i>	-0.15	
		<i>For >50 To 100, Deduct</i>	-0.34	
		<i>For >100, Deduct</i>	-0.67	
05 05 23 00-1182	EA	#10 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.95	
		<i>For >10 To 50, Deduct</i>	-0.15	
		<i>For >50 To 100, Deduct</i>	-0.32	
		<i>For >100, Deduct</i>	-0.64	
05 05 23 00-1183	EA	#10 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	4.02	
		<i>For >10 To 50, Deduct</i>	-0.15	
		<i>For >50 To 100, Deduct</i>	-0.32	
		<i>For >100, Deduct</i>	-0.64	
05 05 23 00-1184	EA	#10 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	4.22	
		<i>For >10 To 50, Deduct</i>	-0.15	
		<i>For >50 To 100, Deduct</i>	-0.33	
		<i>For >100, Deduct</i>	-0.65	
05 05 23 00-1185	EA	#10 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	4.86	
		<i>For >10 To 50, Deduct</i>	-0.15	
		<i>For >50 To 100, Deduct</i>	-0.34	
		<i>For >100, Deduct</i>	-0.68	
05 05 23 00-1186	EA	1/4" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	4.32	
		<i>For >10 To 50, Deduct</i>	-0.15	
		<i>For >50 To 100, Deduct</i>	-0.33	
		<i>For >100, Deduct</i>	-0.66	
05 05 23 00-1187	EA	1/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	4.47	
		<i>For >10 To 50, Deduct</i>	-0.15	
		<i>For >50 To 100, Deduct</i>	-0.33	
		<i>For >100, Deduct</i>	-0.66	
05 05 23 00-1188	EA	1/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	5.08	
		<i>For >10 To 50, Deduct</i>	-0.15	
		<i>For >50 To 100, Deduct</i>	-0.35	
		<i>For >100, Deduct</i>	-0.69	
05 05 23 00-1189	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	6.04	
		<i>For >10 To 50, Deduct</i>	-0.15	
		<i>For >50 To 100, Deduct</i>	-0.37	
		<i>For >100, Deduct</i>	-0.74	

05 05 23 00-1190 Threaded Rod (05 05 23)

Note: Fully threaded. See CSI section 05 05 19 00-0169 for anchoring adhesive, 05 05 23 00-1283 for nuts and washers.

05 05 23 00-1191 Plain Finish Steel, Low Carbon Threaded Rod (05 05 23 00-1190)

05 05 23 00-1192	LF	1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	2.06	0.52
		<i>For Left Hand Threaded Rod, Add</i>	0.10	
05 05 23 00-1193	LF	5/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	2.68	0.57
		<i>For Left Hand Threaded Rod, Add</i>	0.15	
05 05 23 00-1194	LF	3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.11	0.66
		<i>For Left Hand Threaded Rod, Add</i>	0.18	
05 05 23 00-1195	LF	7/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	4.15	0.68
		<i>For Left Hand Threaded Rod, Add</i>	0.28	
05 05 23 00-1196	LF	1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	4.25	0.71
		<i>For Left Hand Threaded Rod, Add</i>	0.29	
05 05 23 00-1197	LF	9/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	5.23	0.71
		<i>For Left Hand Threaded Rod, Add</i>	0.38	
05 05 23 00-1198	LF	5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	5.87	0.73
		<i>For Left Hand Threaded Rod, Add</i>	0.44	
05 05 23 00-1199	LF	3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	9.53	0.75
		<i>For Left Hand Threaded Rod, Add</i>	0.81	
05 05 23 00-1200	LF	7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	10.39	0.77
		<i>For Left Hand Threaded Rod, Add</i>	0.89	
05 05 23 00-1201	LF	1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	14.17	0.87
		<i>For Left Hand Threaded Rod, Add</i>	1.24	
05 05 23 00-1202	LF	1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	17.61	0.97
		<i>For Left Hand Threaded Rod, Add</i>	1.57	
05 05 23 00-1203	LF	1-1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	23.32	1.05
		<i>For Left Hand Threaded Rod, Add</i>	2.11	
05 05 23 00-1204	LF	1-3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	28.97	1.14
		<i>For Left Hand Threaded Rod, Add</i>	2.67	
05 05 23 00-1205	LF	1-1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	34.61	1.19
		<i>For Left Hand Threaded Rod, Add</i>	3.22	
05 05 23 00-1206	LF	1-3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	42.39	1.24
		<i>For Left Hand Threaded Rod, Add</i>	3.99	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 05 23 00-1207	LF			2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	54.08 5.15	1.31
05 05 23 00-1208 Zinc Plated Steel, Low Carbon Threaded Rod <small>(05 05 23 00-1190)</small>						
05 05 23 00-1209	LF			1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	2.08 0.70	0.52
05 05 23 00-1210	LF			5/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	3.01 0.19	0.57
05 05 23 00-1211	LF			3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	3.36 0.21	0.66
05 05 23 00-1212	LF			7/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	4.78 0.34	0.68
05 05 23 00-1213	LF			1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	5.14 0.38	0.71
05 05 23 00-1214	LF			9/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	6.68 0.53	0.71
05 05 23 00-1215	LF			5/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	7.08 0.56	0.73
05 05 23 00-1216	LF			3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	10.57 0.91	0.75
05 05 23 00-1217	LF			7/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	13.66 1.21	0.77
05 05 23 00-1218	LF			1" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	18.29 1.66	0.87
05 05 23 00-1219	LF			1-1/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	23.57 2.16	0.97
05 05 23 00-1220	LF			1-1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	28.11 2.59	1.05
05 05 23 00-1221	LF			1-3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	31.94 2.97	1.14
05 05 23 00-1222	LF			1-1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	40.16 3.78	1.19
05 05 23 00-1223	LF			1-3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	49.71 4.72	1.24
05 05 23 00-1224	LF			2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	72.41 6.98	1.31
05 05 23 00-1225 Hot Dipped Galvanized Steel, Low Carbon Threaded Rod <small>(05 05 23 00-1190)</small>						
05 05 23 00-1226	LF			3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	5.44 0.41	0.66
05 05 23 00-1227	LF			1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	7.56 0.62	0.71
05 05 23 00-1228	LF			5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	10.15 0.87	0.73
05 05 23 00-1229	LF			3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	13.88 1.24	0.75
05 05 23 00-1230	LF			7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	19.16 1.76	0.77
05 05 23 00-1231	LF			1" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	24.69 2.30	0.87
05 05 23 00-1232	LF			1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	32.45 3.05	0.97
05 05 23 00-1233	LF			1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	42.63 4.05	1.05
05 05 23 00-1234	LF			1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	47.63 4.54	1.14
05 05 23 00-1235	LF			1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	56.65 5.43	1.19
05 05 23 00-1236	LF			1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	68.78 6.63	1.24
05 05 23 00-1237	LF			2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	119.86 11.73	1.31
05 05 23 00-1238 304/18-8 Stainless Steel Threaded Rod <small>(05 05 23 00-1190)</small>						
05 05 23 00-1239	LF			1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	3.95 0.29	0.52
05 05 23 00-1240	LF			5/16" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	6.11 0.50	0.57
05 05 23 00-1241	LF			3/8" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	7.93 0.66	0.66
05 05 23 00-1242	LF			7/16" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	11.19 0.98	0.68
05 05 23 00-1243	LF			1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	13.51 1.21	0.71
05 05 23 00-1244	LF			9/16" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	19.66 1.82	0.71
05 05 23 00-1245	LF			5/8" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	20.54 1.91	0.73
05 05 23 00-1246	LF			3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	28.97 2.75	0.75
05 05 23 00-1247	LF			7/8" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	40.07 3.85	0.77
05 05 23 00-1248	LF			1" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	51.48 4.97	0.87

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-1249	LF 1-1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	109.57 10.74	1.05
05 05 23 00-1250	LF 1-1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	167.21 16.48	1.19
05 05 23 00-1251	LF 1-3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	171.98 16.95	1.24
05 05 23 00-1252	LF 2" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	238.30 23.57	1.31
05 05 23 00-1253	316 Stainless Steel Threaded Rod (05 05 23 00-1190)		
05 05 23 00-1254	LF 1/4" Diameter, 316 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	5.90 0.49	0.52
05 05 23 00-1255	LF 5/16" Diameter, 316 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	9.72 0.86	0.57
05 05 23 00-1256	LF 3/8" Diameter, 316 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	12.99 1.17	0.66
05 05 23 00-1257	LF 7/16" Diameter, 316 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	20.55 1.92	0.68
05 05 23 00-1258	LF 1/2" Diameter, 316 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	21.81 2.04	0.71
05 05 23 00-1259	LF 9/16" Diameter, 316 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	28.78 2.74	0.71
05 05 23 00-1260	LF 5/8" Diameter, 316 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	31.00 2.96	0.73
05 05 23 00-1261	LF 3/4" Diameter, 316 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	45.44 4.40	0.75
05 05 23 00-1262	LF 7/8" Diameter, 316 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	62.42 6.09	0.77
05 05 23 00-1263	LF 1" Diameter, 316 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	79.06 7.73	0.87
05 05 23 00-1264	LF 1-1/4" Diameter, 316 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	167.50 16.53	1.05
05 05 23 00-1265	LF 1-1/2" Diameter, 316 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	219.75 21.74	1.19
05 05 23 00-1266	Plain Finish Steel, B-7 Alloy Threaded Rod (05 05 23 00-1190)		
05 05 23 00-1267	LF 1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	3.49 1.22	0.52
05 05 23 00-1268	LF 5/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	5.32 2.09	0.57
05 05 23 00-1269	LF 3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	5.58 2.14	0.66
05 05 23 00-1270	LF 7/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	6.09 2.37	0.68
05 05 23 00-1271	LF 1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	6.70 2.66	0.71
05 05 23 00-1272	LF 9/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	8.34 3.46	0.71
05 05 23 00-1273	LF 5/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	8.60 3.58	0.73
05 05 23 00-1274	LF 3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	11.38 4.95	0.75
05 05 23 00-1275	LF 7/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	13.62 6.04	0.77
05 05 23 00-1276	LF 1" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	17.65 7.96	0.87
05 05 23 00-1277	LF 1-1/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	22.94 10.50	0.97
05 05 23 00-1278	LF 1-1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	25.53 11.68	1.05
05 05 23 00-1279	LF 1-3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	29.45 13.59	1.14
05 05 23 00-1280	LF 1-1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	35.78 16.70	1.19
05 05 23 00-1281	LF 1-3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	36.99 17.25	1.24
05 05 23 00-1282	LF 2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	49.58 23.49	1.31
05 05 23 00-1283	Nuts And Washers (05 05 23)		
05 05 23 00-1284	Hex Nuts (05 05 23 00-1283)		
05 05 23 00-1285	Zinc Plated Steel, Low Carbon/Grade 2 Hex Nuts (05 05 23 00-1284)		
05 05 23 00-1286	EA 1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.64	0.29
05 05 23 00-1287	EA 5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.70	0.29
05 05 23 00-1288	EA 3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.75	0.29
05 05 23 00-1289	EA 7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.86	0.29
05 05 23 00-1290	EA 1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.92	0.29
05 05 23 00-1291	EA 9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.18	0.29
05 05 23 00-1292	EA 5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.22	0.29
05 05 23 00-1293	EA 3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.42	0.58
05 05 23 00-1294	EA 7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.03	0.58
05 05 23 00-1295	EA 1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.55	0.58
05 05 23 00-1296	EA 1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	4.07	0.58

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 05 23 00-1297	EA			1-1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	4.96	0.58
05 05 23 00-1298	EA			1-3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	7.20	0.58
05 05 23 00-1299	EA			1-1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	8.31	0.88
05 05 23 00-1300	EA			1-3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	12.09	0.88
05 05 23 00-1301	EA			2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	17.35	0.88

05 05 23 00-1302 Zinc Plated Steel, Grade 5 Hex Nuts (05 05 23 00-1284)

05 05 23 00-1303	EA			1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	0.65	0.29
05 05 23 00-1304	EA			5/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	0.71	0.29
05 05 23 00-1305	EA			3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	0.77	0.29
05 05 23 00-1306	EA			7/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	0.89	0.29
05 05 23 00-1307	EA			1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	1.02	0.29
05 05 23 00-1308	EA			9/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	1.21	0.29
05 05 23 00-1309	EA			5/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	1.24	0.29
05 05 23 00-1310	EA			3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	1.59	0.58
05 05 23 00-1311	EA			7/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	2.20	0.58
05 05 23 00-1312	EA			1" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	3.05	0.58
05 05 23 00-1313	EA			1-1/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	4.57	0.58
05 05 23 00-1314	EA			1-1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	6.40	0.58
05 05 23 00-1315	EA			1-3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	9.31	0.58
05 05 23 00-1316	EA			1-1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	10.26	0.88
05 05 23 00-1317	EA			1-3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	18.32	0.88
05 05 23 00-1318	EA			2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	26.16	0.88

05 05 23 00-1319 Zinc Plated Steel, Grade 8 Hex Nuts (05 05 23 00-1284)

05 05 23 00-1320	EA			1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	0.66	0.29
05 05 23 00-1321	EA			5/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	0.76	0.29
05 05 23 00-1322	EA			3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	0.82	0.29
05 05 23 00-1323	EA			7/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	0.99	0.29
05 05 23 00-1324	EA			1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	1.16	0.29
05 05 23 00-1325	EA			9/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	1.38	0.29
05 05 23 00-1326	EA			5/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	1.55	0.29
05 05 23 00-1327	EA			3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	1.89	0.58
05 05 23 00-1328	EA			7/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	2.78	0.58
05 05 23 00-1329	EA			1" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	3.67	0.58
05 05 23 00-1330	EA			1-1/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	5.66	0.58
05 05 23 00-1331	EA			1-1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	7.03	0.58
05 05 23 00-1332	EA			1-3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	11.44	0.58
05 05 23 00-1333	EA			1-1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	12.13	0.88
05 05 23 00-1334	EA			1-3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	18.38	0.88
05 05 23 00-1335	EA			2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	25.87	0.88

05 05 23 00-1336 Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nuts (05 05 23 00-1284)

05 05 23 00-1337	EA			1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	0.66	0.29
05 05 23 00-1338	EA			5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	0.74	0.29
05 05 23 00-1339	EA			3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	0.80	0.29
05 05 23 00-1340	EA			7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	0.97	0.29
05 05 23 00-1341	EA			1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	1.10	0.29
05 05 23 00-1342	EA			9/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	1.22	0.29
05 05 23 00-1343	EA			5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	1.34	0.29
05 05 23 00-1344	EA			3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	1.74	0.58
05 05 23 00-1345	EA			7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	2.47	0.58
05 05 23 00-1346	EA			1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	3.37	0.58
05 05 23 00-1347	EA			1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	5.48	0.58
05 05 23 00-1348	EA			1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	6.99	0.58
05 05 23 00-1349	EA			1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	10.27	0.58
05 05 23 00-1350	EA			1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	11.95	0.88
05 05 23 00-1351	EA			1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	20.66	0.88
05 05 23 00-1352	EA			2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	35.54	0.88

05 05 23 00-1353 304 Stainless Steel Hex Nuts (05 05 23 00-1284)

05 05 23 00-1354	EA			1/4" Diameter, 304 Stainless Steel Hex Nut.....	0.81	0.29
05 05 23 00-1355	EA			5/16" Diameter, 304 Stainless Steel Hex Nut.....	0.98	0.29
05 05 23 00-1356	EA			3/8" Diameter, 304 Stainless Steel Hex Nut.....	1.12	0.29
05 05 23 00-1357	EA			7/16" Diameter, 304 Stainless Steel Hex Nut.....	1.75	0.29
05 05 23 00-1358	EA			1/2" Diameter, 304 Stainless Steel Hex Nut.....	1.89	0.29
05 05 23 00-1359	EA			9/16" Diameter, 304 Stainless Steel Hex Nut.....	2.99	0.29
05 05 23 00-1360	EA			5/8" Diameter, 304 Stainless Steel Hex Nut.....	3.35	0.29
05 05 23 00-1361	EA			3/4" Diameter, 304 Stainless Steel Hex Nut.....	3.87	0.58
05 05 23 00-1362	EA			7/8" Diameter, 304 Stainless Steel Hex Nut.....	6.50	0.58
05 05 23 00-1363	EA			1" Diameter, 304 Stainless Steel Hex Nut.....	10.05	0.58
05 05 23 00-1364	EA			1-1/4" Diameter, 304 Stainless Steel Hex Nut.....	24.48	0.58
05 05 23 00-1365	EA			1-1/2" Diameter, 304 Stainless Steel Hex Nut.....	47.34	0.88
05 05 23 00-1366	EA			1-3/4" Diameter, 304 Stainless Steel Hex Nut.....	83.55	0.88
05 05 23 00-1367	EA			2" Diameter, 304 Stainless Steel Hex Nut.....	119.22	0.88

05 05 23 00-1368 316 Stainless Steel Hex Nuts (05 05 23 00-1284)

05 05 23 00-1369	EA			1/4" Diameter, 316 Stainless Steel Hex Nut.....	0.98	0.29
05 05 23 00-1370	EA			5/16" Diameter, 316 Stainless Steel Hex Nut.....	1.13	0.29

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-1371	EA	3/8" Diameter, 316 Stainless Steel Hex Nut.....	1.37	0.29
05 05 23 00-1372	EA	7/16" Diameter, 316 Stainless Steel Hex Nut.....	2.36	0.29
05 05 23 00-1373	EA	1/2" Diameter, 316 Stainless Steel Hex Nut.....	2.53	0.29
05 05 23 00-1374	EA	9/16" Diameter, 316 Stainless Steel Hex Nut.....	3.52	0.29
05 05 23 00-1375	EA	5/8" Diameter, 316 Stainless Steel Hex Nut.....	4.00	0.29
05 05 23 00-1376	EA	3/4" Diameter, 316 Stainless Steel Hex Nut.....	5.66	0.58
05 05 23 00-1377	EA	7/8" Diameter, 316 Stainless Steel Hex Nut.....	7.96	0.58
05 05 23 00-1378	EA	1" Diameter, 316 Stainless Steel Hex Nut.....	12.37	0.58
05 05 23 00-1379	EA	1-1/4" Diameter, 316 Stainless Steel Hex Nut.....	38.17	0.58
05 05 23 00-1380	EA	1-1/2" Diameter, 316 Stainless Steel Hex Nut.....	61.93	0.88
05 05 23 00-1381	EA	1-3/4" Diameter, 316 Stainless Steel Hex Nut.....	104.80	0.88
05 05 23 00-1382	EA	2" Diameter, 316 Stainless Steel Hex Nut.....	195.16	0.88

05 05 23 00-1383 Flat Washers (05 05 23 00-1283)**05 05 23 00-1384 Zinc Plated Steel, Low Carbon Flat Washers** (05 05 23 00-1383)

05 05 23 00-1385	EA	1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	0.04	
05 05 23 00-1386	EA	5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	0.06	
05 05 23 00-1387	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	0.11	
05 05 23 00-1388	EA	7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	0.17	
05 05 23 00-1389	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	0.24	
05 05 23 00-1390	EA	9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	0.27	
05 05 23 00-1391	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	0.46	
05 05 23 00-1392	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	0.66	
05 05 23 00-1393	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	0.79	
05 05 23 00-1394	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	0.97	
05 05 23 00-1395	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	1.09	
05 05 23 00-1396	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	1.31	
05 05 23 00-1397	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	2.05	
05 05 23 00-1398	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	2.10	
05 05 23 00-1399	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	3.11	
05 05 23 00-1400	EA	2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	3.86	

05 05 23 00-1401 Zinc Plated Steel, Hardened Flat Washers (05 05 23 00-1383)

05 05 23 00-1402	EA	1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.14	
05 05 23 00-1403	EA	5/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.20	
05 05 23 00-1404	EA	3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.22	
05 05 23 00-1405	EA	7/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.30	
05 05 23 00-1406	EA	1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.41	
05 05 23 00-1407	EA	9/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.66	
05 05 23 00-1408	EA	5/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.95	
05 05 23 00-1409	EA	3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	1.34	
05 05 23 00-1410	EA	7/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	2.23	
05 05 23 00-1411	EA	1" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	2.47	
05 05 23 00-1412	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	3.60	
05 05 23 00-1413	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	3.93	
05 05 23 00-1414	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	5.18	
05 05 23 00-1415	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	5.92	
05 05 23 00-1416	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	7.96	
05 05 23 00-1417	EA	2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	9.56	

05 05 23 00-1418 Hot Dipped Galvanized Steel Flat Washers (05 05 23 00-1383)

05 05 23 00-1419	EA	1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	0.09	
05 05 23 00-1420	EA	5/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	0.13	
05 05 23 00-1421	EA	3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	0.15	
05 05 23 00-1422	EA	7/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	0.28	
05 05 23 00-1423	EA	1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	0.36	
05 05 23 00-1424	EA	9/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	0.58	
05 05 23 00-1425	EA	5/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	0.65	
05 05 23 00-1426	EA	3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	0.99	
05 05 23 00-1427	EA	7/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	1.39	
05 05 23 00-1428	EA	1" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	1.53	
05 05 23 00-1429	EA	1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	2.34	
05 05 23 00-1430	EA	1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	2.60	
05 05 23 00-1431	EA	1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	3.72	
05 05 23 00-1432	EA	1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	4.02	
05 05 23 00-1433	EA	1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	5.84	

05 05 23 00-1434 304/18-8 Stainless Steel Flat Washers (05 05 23 00-1383)

05 05 23 00-1435	EA	1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	0.18	
05 05 23 00-1436	EA	5/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	0.24	
05 05 23 00-1437	EA	3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	0.34	
05 05 23 00-1438	EA	7/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	0.63	
05 05 23 00-1439	EA	1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	1.15	
05 05 23 00-1440	EA	9/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	1.44	
05 05 23 00-1441	EA	5/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	2.11	
05 05 23 00-1442	EA	3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	2.15	
05 05 23 00-1443	EA	7/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	4.53	
05 05 23 00-1444	EA	1" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	5.74	
05 05 23 00-1445	EA	1-1/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	6.68	
05 05 23 00-1446	EA	1-1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	7.20	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 05 23 00-1447	EA	1-3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	7.60
05 05 23 00-1448	EA	1-1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	9.27
05 05 23 00-1449	EA	1-3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	11.52
05 05 23 00-1450	EA	2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	22.64

05 05 23 00-1451 316 Stainless Steel Flat Washers (05 05 23 00-1383)

05 05 23 00-1452	EA	1/4" Inside Diameter, 316 Stainless Steel Flat Washer	0.35
05 05 23 00-1453	EA	5/16" Inside Diameter, 316 Stainless Steel Flat Washer	0.38
05 05 23 00-1454	EA	3/8" Inside Diameter, 316 Stainless Steel Flat Washer	0.68
05 05 23 00-1455	EA	7/16" Inside Diameter, 316 Stainless Steel Flat Washer	0.81
05 05 23 00-1456	EA	1/2" Inside Diameter, 316 Stainless Steel Flat Washer	1.50
05 05 23 00-1457	EA	9/16" Inside Diameter, 316 Stainless Steel Flat Washer	2.69
05 05 23 00-1458	EA	5/8" Inside Diameter, 316 Stainless Steel Flat Washer	3.17
05 05 23 00-1459	EA	3/4" Inside Diameter, 316 Stainless Steel Flat Washer	3.99
05 05 23 00-1460	EA	7/8" Inside Diameter, 316 Stainless Steel Flat Washer	6.18
05 05 23 00-1461	EA	1" Inside Diameter, 316 Stainless Steel Flat Washer	6.91
05 05 23 00-1462	EA	1-1/8" Inside Diameter, 316 Stainless Steel Flat Washer	7.87
05 05 23 00-1463	EA	1-1/4" Inside Diameter, 316 Stainless Steel Flat Washer	9.70
05 05 23 00-1464	EA	1-3/8" Inside Diameter, 316 Stainless Steel Flat Washer	10.25
05 05 23 00-1465	EA	1-1/2" Inside Diameter, 316 Stainless Steel Flat Washer	10.48
05 05 23 00-1466	EA	1-3/4" Inside Diameter, 316 Stainless Steel Flat Washer	15.36

05 05 23 00-1467 Lock Washers (05 05 23 00-1283)

05 05 23 00-1468 Zinc Plated Steel, Low Carbon Lock Washers (05 05 23 00-1467)

05 05 23 00-1469	EA	1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.02
05 05 23 00-1470	EA	5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.03
05 05 23 00-1471	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.04
05 05 23 00-1472	EA	7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.07
05 05 23 00-1473	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.09
05 05 23 00-1474	EA	9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.15
05 05 23 00-1475	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.17
05 05 23 00-1476	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.26
05 05 23 00-1477	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.44
05 05 23 00-1478	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.79
05 05 23 00-1479	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	1.16
05 05 23 00-1480	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	1.77
05 05 23 00-1481	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	2.80
05 05 23 00-1482	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	3.30
05 05 23 00-1483	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	5.89
05 05 23 00-1484	EA	2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	6.64

05 05 23 00-1485 Hot Dipped Galvanized Steel Lock Washers (05 05 23 00-1467)

05 05 23 00-1486	EA	1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.07
05 05 23 00-1487	EA	5/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.09
05 05 23 00-1488	EA	3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.11
05 05 23 00-1489	EA	7/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.12
05 05 23 00-1490	EA	1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.20
05 05 23 00-1491	EA	9/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.25
05 05 23 00-1492	EA	5/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.30
05 05 23 00-1493	EA	3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.51
05 05 23 00-1494	EA	7/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.73
05 05 23 00-1495	EA	1" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	1.16
05 05 23 00-1496	EA	1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	2.09
05 05 23 00-1497	EA	1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	2.50
05 05 23 00-1498	EA	1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	3.60
05 05 23 00-1499	EA	1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	4.12
05 05 23 00-1500	EA	1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	5.57
05 05 23 00-1501	EA	2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	7.59

05 05 23 00-1502 304/18-8 Stainless Steel Lock Washers (05 05 23 00-1467)

05 05 23 00-1503	EA	1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.15
05 05 23 00-1504	EA	5/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.21
05 05 23 00-1505	EA	3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.30
05 05 23 00-1506	EA	7/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.55
05 05 23 00-1507	EA	1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.61
05 05 23 00-1508	EA	9/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	1.48
05 05 23 00-1509	EA	5/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	1.75
05 05 23 00-1510	EA	3/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	2.04
05 05 23 00-1511	EA	7/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	3.69
05 05 23 00-1512	EA	1" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	5.20
05 05 23 00-1513	EA	1-1/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	9.08
05 05 23 00-1514	EA	1-1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	12.08
05 05 23 00-1515	EA	1-3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	15.36
05 05 23 00-1516	EA	1-1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	18.43

05 05 23 00-1517 316 Stainless Steel Lock Washers (05 05 23 00-1467)

05 05 23 00-1518	EA	1/4" Inside Diameter, 316 Stainless Steel Lock Washer	0.18
05 05 23 00-1519	EA	5/16" Inside Diameter, 316 Stainless Steel Lock Washer	0.40
05 05 23 00-1520	EA	3/8" Inside Diameter, 316 Stainless Steel Lock Washer	0.46

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-1521	EA	7/16" Inside Diameter, 316 Stainless Steel Lock Washer	0.80
05 05 23 00-1522	EA	1/2" Inside Diameter, 316 Stainless Steel Lock Washer	0.88
05 05 23 00-1523	EA	9/16" Inside Diameter, 316 Stainless Steel Lock Washer	1.58
05 05 23 00-1524	EA	5/8" Inside Diameter, 316 Stainless Steel Lock Washer	1.73
05 05 23 00-1525	EA	3/4" Inside Diameter, 316 Stainless Steel Lock Washer	3.00
05 05 23 00-1526	EA	7/8" Inside Diameter, 316 Stainless Steel Lock Washer	4.95
05 05 23 00-1527	EA	1" Inside Diameter, 316 Stainless Steel Lock Washer	6.74
05 05 23 00-1528	EA	1-1/8" Inside Diameter, 316 Stainless Steel Lock Washer	9.41
05 05 23 00-1529	EA	1-1/4" Inside Diameter, 316 Stainless Steel Lock Washer	14.48
05 05 23 00-1530	EA	1-3/8" Inside Diameter, 316 Stainless Steel Lock Washer	25.92
05 05 23 00-1531	EA	1-1/2" Inside Diameter, 316 Stainless Steel Lock Washer	28.78
05 05 23 00-1532		Load Indicating Washers (05 05 23 00-1283)	
05 05 23 00-1533		A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) (05 05 23 00-1532)	
05 05 23 00-1534		Plain Finish, A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) (05 05 23 00-1533)	
05 05 23 00-1535	EA	1/2", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	1.92
05 05 23 00-1536	EA	5/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.18
05 05 23 00-1537	EA	3/4", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.35
05 05 23 00-1538	EA	7/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.66
05 05 23 00-1539	EA	1", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.22
05 05 23 00-1540	EA	1-1/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	5.35
05 05 23 00-1541	EA	1-1/4", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	6.91
05 05 23 00-1542	EA	1-3/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	8.82
05 05 23 00-1543	EA	1-1/2", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	9.70
05 05 23 00-1544		Galvanized, A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) (05 05 23 00-1533)	
05 05 23 00-1545	EA	1/2", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.43
05 05 23 00-1546	EA	5/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.71
05 05 23 00-1547	EA	3/4", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.63
05 05 23 00-1548	EA	7/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.22
05 05 23 00-1549	EA	1", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.81
05 05 23 00-1550	EA	1-1/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	5.74
05 05 23 00-1551	EA	1-1/4", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	7.23
05 05 23 00-1552	EA	1-3/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	10.29
05 05 23 00-1553	EA	1-1/2", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	11.32
05 05 23 00-1554		Beveled Washers (05 05 23 00-1283)	
05 05 23 00-1555		Plain Finish, Square Beveled Structural Washers (ASTM F436) (05 05 23 00-1554)	
05 05 23 00-1556	EA	1/2", Plain Finish, Square Beveled Structural Washer (ASTM F436)	3.17
05 05 23 00-1557	EA	5/8", Plain Finish, Square Beveled Structural Washer (ASTM F436)	3.24
05 05 23 00-1558	EA	3/4", Plain Finish, Square Beveled Structural Washer (ASTM F436)	3.31
05 05 23 00-1559	EA	7/8", Plain Finish, Square Beveled Structural Washer (ASTM F436)	4.02
05 05 23 00-1560	EA	1", Plain Finish, Square Beveled Structural Washer (ASTM F436)	4.24
05 05 23 00-1561		Galvanized, Square Beveled Structural Washers (ASTM F436) (05 05 23 00-1554)	
05 05 23 00-1562	EA	1/2", Galvanized, Square Beveled Structural Washer (ASTM F436)	4.57
05 05 23 00-1563	EA	5/8", Galvanized, Square Beveled Structural Washer (ASTM F436)	4.77
05 05 23 00-1564	EA	3/4", Galvanized, Square Beveled Structural Washer (ASTM F436)	4.77
05 05 23 00-1565	EA	7/8", Galvanized, Square Beveled Structural Washer (ASTM F436)	5.04
05 05 23 00-1566	EA	1", Galvanized, Square Beveled Structural Washer (ASTM F436)	5.36
05 05 23 00-1567		Drilling In Steel Plates (05 05 23)	
05 05 23 00-1568	EA	Up To 1/2" Diameter Drill Through Up To 1/4" Steel Plate	20.94
		<i>For Aluminum, Deduct</i>	-2.09
		<i>For Stainless Steel, Add</i>	2.62
		<i>For >5 To 10, Deduct</i>	-2.09
		<i>For >10 To 25, Deduct</i>	-5.24
		<i>For >25 To 50, Deduct</i>	-7.33
		<i>For >50, Deduct</i>	-10.47
05 05 23 00-1569	EA	>1/2" To 7/8" Diameter Drill Through Up To 1/4" Steel Plate	24.65
		<i>For Aluminum, Deduct</i>	-2.47
		<i>For Stainless Steel, Add</i>	3.08
		<i>For >5 To 10, Deduct</i>	-2.47
		<i>For >10 To 25, Deduct</i>	-6.16
		<i>For >25 To 50, Deduct</i>	-8.63
		<i>For >50, Deduct</i>	-12.33
05 05 23 00-1570	EA	>7/8" To 1-1/2" Diameter Drill Through Up To 1/4" Steel Plate	29.58
		<i>For Aluminum, Deduct</i>	-2.96
		<i>For Stainless Steel, Add</i>	3.70
		<i>For >5 To 10, Deduct</i>	-2.96
		<i>For >10 To 25, Deduct</i>	-7.40
		<i>For >25 To 50, Deduct</i>	-10.35
		<i>For >50, Deduct</i>	-14.79

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 05 23 00-1571	EA		>1-1/2" To 4" Diameter Drill Through Up To 1/4" Steel Plate.....	34.50	
			<i>For Aluminum, Deduct</i>	-3.45	
			<i>For Stainless Steel, Add</i>	4.31	
			<i>For >5 To 10, Deduct</i>	-3.45	
			<i>For >10 To 25, Deduct</i>	-8.63	
			<i>For >25 To 50, Deduct</i>	-12.08	
			<i>For >50, Deduct</i>	-17.25	
05 05 23 00-1572	EA		>4" To 10" Diameter Drill Through Up To 1/4" Steel Plate.....	46.21	
			<i>For Aluminum, Deduct</i>	-4.62	
			<i>For Stainless Steel, Add</i>	5.78	
			<i>For >5 To 10, Deduct</i>	-4.62	
			<i>For >10 To 25, Deduct</i>	-11.55	
			<i>For >25 To 50, Deduct</i>	-16.17	
			<i>For >50, Deduct</i>	-23.11	
05 05 23 00-1573	EA		Up To 1/2" Diameter Drill Through >1/4" To 1/2" Steel Plate.....	24.65	
			<i>For Aluminum, Deduct</i>	-2.47	
			<i>For Stainless Steel, Add</i>	3.08	
			<i>For >5 To 10, Deduct</i>	-2.47	
			<i>For >10 To 25, Deduct</i>	-6.16	
			<i>For >25 To 50, Deduct</i>	-8.63	
			<i>For >50, Deduct</i>	-12.33	
05 05 23 00-1574	EA		>1/2" To 7/8" Diameter Drill Through >1/4" To 1/2" Steel Plate.....	30.80	
			<i>For Aluminum, Deduct</i>	-3.08	
			<i>For Stainless Steel, Add</i>	3.85	
			<i>For >5 To 10, Deduct</i>	-3.08	
			<i>For >10 To 25, Deduct</i>	-7.70	
			<i>For >25 To 50, Deduct</i>	-10.78	
			<i>For >50, Deduct</i>	-15.40	
05 05 23 00-1575	EA		>7/8" To 1-1/2" Diameter Drill Through >1/4" To 1/2" Steel Plate.....	36.97	
			<i>For Aluminum, Deduct</i>	-3.70	
			<i>For Stainless Steel, Add</i>	4.62	
			<i>For >5 To 10, Deduct</i>	-3.70	
			<i>For >10 To 25, Deduct</i>	-9.24	
			<i>For >25 To 50, Deduct</i>	-12.94	
			<i>For >50, Deduct</i>	-18.49	
05 05 23 00-1576	EA		>1-1/2" To 4" Diameter Drill Through >1/4" To 1/2" Steel Plate.....	46.21	
			<i>For Aluminum, Deduct</i>	-4.62	
			<i>For Stainless Steel, Add</i>	5.78	
			<i>For >5 To 10, Deduct</i>	-4.62	
			<i>For >10 To 25, Deduct</i>	-11.55	
			<i>For >25 To 50, Deduct</i>	-16.17	
			<i>For >50, Deduct</i>	-23.11	
05 05 23 00-1577	EA		Up To 1/2" Diameter Drill Through >1/2" To 1" Steel Plate.....	30.80	
			<i>For Aluminum, Deduct</i>	-3.08	
			<i>For Stainless Steel, Add</i>	3.85	
			<i>For >5 To 10, Deduct</i>	-3.08	
			<i>For >10 To 25, Deduct</i>	-7.70	
			<i>For >25 To 50, Deduct</i>	-10.78	
			<i>For >50, Deduct</i>	-15.40	
05 05 23 00-1578	EA		>1/2" To 7/8" Diameter Drill Through >1/2" To 1" Steel Plate.....	40.66	
			<i>For Aluminum, Deduct</i>	-4.07	
			<i>For Stainless Steel, Add</i>	5.08	
			<i>For >5 To 10, Deduct</i>	-4.07	
			<i>For >10 To 25, Deduct</i>	-10.17	
			<i>For >25 To 50, Deduct</i>	-14.23	
			<i>For >50, Deduct</i>	-20.33	
05 05 23 00-1579	EA		>7/8" To 1-1/2" Diameter Drill Through >1/2" To 1" Steel Plate.....	49.29	
			<i>For Aluminum, Deduct</i>	-4.93	
			<i>For Stainless Steel, Add</i>	6.16	
			<i>For >5 To 10, Deduct</i>	-4.93	
			<i>For >10 To 25, Deduct</i>	-12.32	
			<i>For >25 To 50, Deduct</i>	-17.25	
			<i>For >50, Deduct</i>	-24.65	

05 05 23 00-1580 Welded Stud Anchors (05 05 23)

05 05 23 00-1581	EA		1-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors.....	4.22	
05 05 23 00-1582	EA		2-11/16" Long x 1/4" Diameter, Welded Stud Concrete Anchors.....	4.31	
05 05 23 00-1583	EA		3-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors.....	4.35	
05 05 23 00-1584	EA		4-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors.....	4.39	
05 05 23 00-1585	EA		1-3/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	4.15	
05 05 23 00-1586	EA		1-5/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	4.37	
05 05 23 00-1587	EA		2-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	4.60	
05 05 23 00-1588	EA		2-5/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	4.72	
05 05 23 00-1589	EA		3-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	4.84	
05 05 23 00-1590	EA		4-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	5.32	
05 05 23 00-1591	EA		5-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	5.70	
05 05 23 00-1592	EA		6-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	6.01	
05 05 23 00-1593	EA		1-1/2" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	5.09	
05 05 23 00-1594	EA		1-5/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	5.12	
05 05 23 00-1595	EA		2-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	5.48	
05 05 23 00-1596	EA		2-5/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	5.81	
05 05 23 00-1597	EA		3-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	6.23	
05 05 23 00-1598	EA		4-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	6.87	
05 05 23 00-1599	EA		5-5/16" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	7.29	
05 05 23 00-1600	EA		6-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	8.42	
05 05 23 00-1601	EA		8-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	10.57	
05 05 23 00-1602	EA		2-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	7.29	
05 05 23 00-1603	EA		3-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	7.84	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-1604	EA	3-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	8.28
05 05 23 00-1605	EA	4-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	8.71
05 05 23 00-1606	EA	4-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	9.08
05 05 23 00-1607	EA	5-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	9.41
05 05 23 00-1608	EA	6-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	9.85
05 05 23 00-1609	EA	6-9/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	11.68
05 05 23 00-1610	EA	8-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	14.22

05 05 23 00-1611 Welded Shear Stud Connector (05 05 23)**05 05 23 00-1612 3/4" Diameter Welded Shear Stud Connector (05 05 23 00-1611)**

05 05 23 00-1613	EA	3/4" Diameter x 3-3/16" Long, Welded Shear Stud Connector	9.37
05 05 23 00-1614	EA	3/4" Diameter x 3-3/8" Long, Welded Shear Stud Connector	9.75
05 05 23 00-1615	EA	3/4" Diameter x 3-7/8" Long, Welded Shear Stud Connector	9.86
05 05 23 00-1616	EA	3/4" Diameter x 4-3/16" Long, Welded Shear Stud Connector	9.91
05 05 23 00-1617	EA	3/4" Diameter x 4-3/8" Long, Welded Shear Stud Connector	10.35
05 05 23 00-1618	EA	3/4" Diameter x 4-11/16" Long, Welded Shear Stud Connector	11.15
05 05 23 00-1619	EA	3/4" Diameter x 4-7/8" Long, Welded Shear Stud Connector	18.92
05 05 23 00-1620	EA	3/4" Diameter x 5-3/16" Long, Welded Shear Stud Connector	12.08
05 05 23 00-1621	EA	3/4" Diameter x 5-3/8" Long, Welded Shear Stud Connector	13.50
05 05 23 00-1622	EA	3/4" Diameter x 6-3/16" Long, Welded Shear Stud Connector	17.56
05 05 23 00-1623	EA	3/4" Diameter x 7-3/16" Long, Welded Shear Stud Connector	18.00
05 05 23 00-1624	EA	3/4" Diameter x 8-3/16" Long, Welded Shear Stud Connector	19.55
05 05 23 00-1625	EA	3/4" Diameter x 10-3/16" Long, Welded Shear Stud Connector	26.06

05 05 23 00-1626 7/8" Diameter Welded Shear Stud Connector (05 05 23 00-1611)

05 05 23 00-1627	EA	7/8" Diameter x 3-3/16" Long, Welded Shear Stud Connector	11.30
05 05 23 00-1628	EA	7/8" Diameter x 3-11/16" Long, Welded Shear Stud Connector	11.92
05 05 23 00-1629	EA	7/8" Diameter x 4-3/16" Long, Welded Shear Stud Connector	12.54
05 05 23 00-1630	EA	7/8" Diameter x 5-3/16" Long, Welded Shear Stud Connector	14.33
05 05 23 00-1631	EA	7/8" Diameter x 6-3/16" Long, Welded Shear Stud Connector	18.51
05 05 23 00-1632	EA	7/8" Diameter x 7-3/16" Long, Welded Shear Stud Connector	20.40
05 05 23 00-1633	EA	7/8" Diameter x 8-3/16" Long, Welded Shear Stud Connector	22.26
05 05 23 00-1634	EA	7/8" Diameter x 10-3/16" Long, Welded Shear Stud Connector	27.48

05 05 23 00-1635 1" Diameter Welded Shear Stud Connector (05 05 23 00-1611)

05 05 23 00-1636	EA	1" Diameter x 3-1/4" Long, Welded Shear Stud Connector	15.36
05 05 23 00-1637	EA	1" Diameter x 4-1/4" Long, Welded Shear Stud Connector	17.27
05 05 23 00-1638	EA	1" Diameter x 5-1/4" Long, Welded Shear Stud Connector	20.08
05 05 23 00-1639	EA	1" Diameter x 6-1/4" Long, Welded Shear Stud Connector	25.56
05 05 23 00-1640	EA	1" Diameter x 7-1/4" Long, Welded Shear Stud Connector	28.51
05 05 23 00-1641	EA	1" Diameter x 8-1/4" Long, Welded Shear Stud Connector	31.45

05 10 Structural Metal Framing (05)**05 12 Structural Steel Framing (05 10)****05 12 23 Structural Steel for Buildings (05 12)**

See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0117 for field fabrication of additional structural metal connections.

05 12 23 00-0001 Rolled Steel Members (05 12 23)

Note: Prices by Ton (or LB) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock cross-sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding. See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0117 for field fabrication of additional structural metal connections.

05 12 23 00-0002 Beams, Girders And Columns (05 12 23 00-0001)

Note: For one and two story I beams and W shapes and HP shapes.

05 12 23 00-0003	TON	Up To 30 LB/LF Beams, Girders And Columns	11,069.11	1,259.07
		<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	677.15	
		<i>For Hot Dip Galvanizing, Add</i>	2,370.02	
		<i>For >10 To 25 Tons, Deduct</i>	-719.47	
		<i>For >25 To 50 Tons, Deduct</i>	-1,481.26	
		<i>For >50 Tons, Deduct</i>	-2,116.09	
05 12 23 00-0004	TON	>30-65 LB/LF Beams, Girders And Columns	7,815.04	813.90
		<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	555.74	
		<i>For Hot Dip Galvanizing, Add</i>	1,945.10	
		<i>For >10 To 25 Tons, Deduct</i>	-590.48	
		<i>For >25 To 50 Tons, Deduct</i>	-1,215.69	
		<i>For >50 Tons, Deduct</i>	-1,736.70	
05 12 23 00-0005	TON	>65-100 LB/LF Beams, Girders And Columns	6,655.63	457.87
		<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	493.38	
		<i>For Hot Dip Galvanizing, Add</i>	1,726.83	
		<i>For >10 To 25 Tons, Deduct</i>	-524.22	
		<i>For >25 To 50 Tons, Deduct</i>	-1,079.27	
		<i>For >50 Tons, Deduct</i>	-1,541.81	
05 12 23 00-0006	TON	>100-300 LB/LF Beams, Girders And Columns	4,476.51	243.71
		<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	337.28	
		<i>For Hot Dip Galvanizing, Add</i>	1,180.49	
		<i>For >10 To 25 Tons, Deduct</i>	-358.36	
		<i>For >25 To 50 Tons, Deduct</i>	-737.81	
		<i>For >50 Tons, Deduct</i>	-1,054.01	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0007 Trusses, Built-Up <small>(05 12 23 00-0001)</small>		
05 12 23 00-0008 TON Built-Up Trusses, Rolled Structural Steel Members.....	8,293.25	856.27
For ASTM A242 Type 2 High Strength Steel, Add	590.43	
For Hot Dip Galvanizing, Add	2,066.50	
For >10 To 25 Tons, Deduct	-627.33	
For >25 To 50 Tons, Deduct	-1,291.56	
For >50 Tons, Deduct	-1,845.09	
05 12 23 00-0009 Shapes <small>(05 12 23 00-0001)</small>		
05 12 23 00-0010 Rolled Shape Steel Angles <small>(05 12 23 00-0009)</small>		
05 12 23 00-0011 TON Up To 10 LB/LF Rolled Shape Steel Angles.....	16,124.75	2,340.61
For ASTM A242 Type 2 High Strength Steel, Add	977.90	
For Hot Dip Galvanizing, Add	3,422.65	
For >10 To 25 Tons, Deduct	-1,039.02	
For >25 To 50 Tons, Deduct	-2,139.15	
For >50 Tons, Deduct	-3,055.94	
05 12 23 00-0012 TON >10 To 20 LB/LF Rolled Shape Steel Angles	14,298.02	1,373.60
For ASTM A242 Type 2 High Strength Steel, Add	935.46	
For Hot Dip Galvanizing, Add	3,274.12	
For >10 To 25 Tons, Deduct	-993.93	
For >25 To 50 Tons, Deduct	-2,046.32	
For >50 Tons, Deduct	-2,923.32	
05 12 23 00-0013 TON >20 To 58 LB/LF Rolled Shape Steel Angles	11,154.50	813.90
For ASTM A242 Type 2 High Strength Steel, Add	822.91	
For Hot Dip Galvanizing, Add	2,880.19	
For >10 To 25 Tons, Deduct	-874.34	
For >25 To 50 Tons, Deduct	-1,800.12	
For >50 Tons, Deduct	-2,571.60	
05 12 23 00-0014 Rolled C, MC Steel Channels <small>(05 12 23 00-0009)</small>		
05 12 23 00-0015 TON Up To 10 LB/LF Rolled C, MC Steel Channels.....	17,406.13	3,205.05
For ASTM A242 Type 2 High Strength Steel, Add	963.14	
For Hot Dip Galvanizing, Add	3,370.98	
For >10 To 25 Tons, Deduct	-1,023.33	
For >25 To 50 Tons, Deduct	-2,106.87	
For >50 Tons, Deduct	-3,009.81	
05 12 23 00-0016 TON >10 To 20 Rolled C, MC Steel Channels.....	14,136.57	2,441.94
For ASTM A242 Type 2 High Strength Steel, Add	922.55	
For Hot Dip Galvanizing, Add	3,228.91	
For >10 To 25 Tons, Deduct	-980.21	
For >25 To 50 Tons, Deduct	-2,018.07	
For >50 Tons, Deduct	-2,882.96	
05 12 23 00-0017 TON >20 To 58 LB/LF Rolled C, MC Steel Channels	10,969.99	813.90
For ASTM A242 Type 2 High Strength Steel, Add	808.15	
For Hot Dip Galvanizing, Add	2,828.53	
For >10 To 25 Tons, Deduct	-858.66	
For >25 To 50 Tons, Deduct	-1,767.83	
For >50 Tons, Deduct	-2,525.47	
05 12 23 00-0018 Double L Shape Steel Angles <small>(05 12 23 00-0009)</small>		
05 12 23 00-0019 TON Up To 20 LB/LF Double L Shape Steel Angles.....	15,013.31	1,857.10
For ASTM A242 Type 2 High Strength Steel, Add	941.00	
For Hot Dip Galvanizing, Add	3,293.49	
For >10 To 25 Tons, Deduct	-999.81	
For >25 To 50 Tons, Deduct	-2,058.43	
For >50 Tons, Deduct	-2,940.62	
05 12 23 00-0020 TON >20 To 50 LB/LF Double L Shape Steel Angles	11,938.67	813.90
For ASTM A242 Type 2 High Strength Steel, Add	885.64	
For Hot Dip Galvanizing, Add	3,099.76	
For >10 To 25 Tons, Deduct	-941.00	
For >25 To 50 Tons, Deduct	-1,937.35	
For >50 Tons, Deduct	-2,767.64	
05 12 23 00-0021 TON >50 To 80 LB/LF Double L Shape Steel Angles	9,021.95	457.87
For ASTM A242 Type 2 High Strength Steel, Add	682.68	
For Hot Dip Galvanizing, Add	2,389.40	
For >10 To 25 Tons, Deduct	-725.35	
For >25 To 50 Tons, Deduct	-1,493.37	
For >50 Tons, Deduct	-2,133.39	
05 12 23 00-0022 TON >80 To 115 LB/LF Double L Shape Steel Angles	5,795.35	244.07
For ASTM A242 Type 2 High Strength Steel, Add	442.82	
For Hot Dip Galvanizing, Add	1,549.88	
For >10 To 25 Tons, Deduct	-470.50	
For >25 To 50 Tons, Deduct	-968.67	
For >50 Tons, Deduct	-1,383.82	
05 12 23 00-0023 Structural WT, MT, ST Tee Shapes <small>(05 12 23 00-0001)</small>		
05 12 23 00-0024 TON Up To 30 LB/LF Structural WT, MT, ST Tee Shapes.....	13,675.30	1,373.60
For ASTM A242 Type 2 High Strength Steel, Add	885.64	
For Hot Dip Galvanizing, Add	3,099.76	
For >10 To 25 Tons, Deduct	-941.00	
For >25 To 50 Tons, Deduct	-1,937.35	
For >50 Tons, Deduct	-2,767.64	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0025	TON >30 To 65 LB/LF Structural WT, MT, ST Tee Shapes	9,332.61	813.90
	For ASTM A242 Type 2 High Strength Steel, Add	677.15	
	For Hot Dip Galvanizing, Add	2,370.02	
	For >10 To 25 Tons, Deduct	-719.47	
	For >25 To 50 Tons, Deduct	-1,481.26	
	For >50 Tons, Deduct	-2,116.09	
05 12 23 00-0026	TON >65 To 100 LB/LF Structural WT, MT, ST Tee Shapes	7,407.49	457.87
	For ASTM A242 Type 2 High Strength Steel, Add	553.53	
	For Hot Dip Galvanizing, Add	1,937.35	
	For >10 To 25 Tons, Deduct	-588.12	
	For >25 To 50 Tons, Deduct	-1,210.84	
	For >50 Tons, Deduct	-1,729.78	
05 12 23 00-0027	TON >100 To 365 LB/LF Structural WT, MT, ST Tee Shapes	5,472.86	243.71
	For ASTM A242 Type 2 High Strength Steel, Add	416.99	
	For Hot Dip Galvanizing, Add	1,459.47	
	For >10 To 25 Tons, Deduct	-443.05	
	For >25 To 50 Tons, Deduct	-912.17	
	For >50 Tons, Deduct	-1,303.10	
05 12 23 00-0028	Combination Section Shapes (05 12 23 00-0001)		
05 12 23 00-0029	Combination Section, W Shapes And Angles (05 12 23 00-0028)		
05 12 23 00-0030	TON Up To 30 LB/LF Combination Section - W Shapes And Angles	12,960.32	1,373.60
	For ASTM A242 Type 2 High Strength Steel, Add	828.45	
	For Hot Dip Galvanizing, Add	2,899.56	
	For >10 To 25 Tons, Deduct	-880.22	
	For >25 To 50 Tons, Deduct	-1,812.23	
	For >50 Tons, Deduct	-2,588.90	
05 12 23 00-0031	TON >30-65 LB/LF Combination Section - W Shapes And Angles	9,401.82	813.90
	For ASTM A242 Type 2 High Strength Steel, Add	682.69	
	For Hot Dip Galvanizing, Add	2,389.40	
	For >10 To 25 Tons, Deduct	-725.35	
	For >25 To 50 Tons, Deduct	-1,493.37	
	For >50 Tons, Deduct	-2,133.39	
05 12 23 00-0032	TON >65-100 LB/LF Combination Section - W Shapes And Angles	6,830.89	457.87
	For ASTM A242 Type 2 High Strength Steel, Add	507.40	
	For Hot Dip Galvanizing, Add	1,775.90	
	For >10 To 25 Tons, Deduct	-539.11	
	For >25 To 50 Tons, Deduct	-1,109.94	
	For >50 Tons, Deduct	-1,585.63	
05 12 23 00-0033	TON >100-300 LB/LF Combination Section - W Shapes And Angles	5,933.74	243.71
	For ASTM A242 Type 2 High Strength Steel, Add	453.89	
	For Hot Dip Galvanizing, Add	1,588.63	
	For >10 To 25 Tons, Deduct	-482.26	
	For >25 To 50 Tons, Deduct	-992.89	
	For >50 Tons, Deduct	-1,418.42	
05 12 23 00-0034	TON >300-500 LB/LF Combination Section - W Shapes And Angles	5,135.07	122.34
	For ASTM A242 Type 2 High Strength Steel, Add	400.39	
	For Hot Dip Galvanizing, Add	1,401.35	
	For >10 To 25 Tons, Deduct	-425.41	
	For >25 To 50 Tons, Deduct	-875.85	
	For >50 Tons, Deduct	-1,251.21	
05 12 23 00-0035	Combination Section, S Shapes And Angles (05 12 23 00-0028)		
05 12 23 00-0036	TON >30-65 LB/LF Combination Section - S Shapes And Angles	9,032.79	813.90
	For ASTM A242 Type 2 High Strength Steel, Add	653.16	
	For Hot Dip Galvanizing, Add	2,286.07	
	For >10 To 25 Tons, Deduct	-693.99	
	For >25 To 50 Tons, Deduct	-1,428.79	
	For >50 Tons, Deduct	-2,041.14	
05 12 23 00-0037	TON >65-100 LB/LF Combination Section - S Shapes And Angles	6,853.96	457.87
	For ASTM A242 Type 2 High Strength Steel, Add	509.25	
	For Hot Dip Galvanizing, Add	1,782.36	
	For >10 To 25 Tons, Deduct	-541.07	
	For >25 To 50 Tons, Deduct	-1,113.97	
	For >50 Tons, Deduct	-1,591.39	
05 12 23 00-0038	Combination Section, Channels And Angles (05 12 23 00-0028)		
05 12 23 00-0039	TON Up To 30 LB/LF Combination Section - Channels And Angles	13,675.30	1,373.60
	For ASTM A242 Type 2 High Strength Steel, Add	885.64	
	For Hot Dip Galvanizing, Add	3,099.76	
	For >10 To 25 Tons, Deduct	-941.00	
	For >25 To 50 Tons, Deduct	-1,937.35	
	For >50 Tons, Deduct	-2,767.64	
05 12 23 00-0040	TON >30-65 LB/LF Combination Section - Channels And Angles	9,863.08	813.90
	For ASTM A242 Type 2 High Strength Steel, Add	719.59	
	For Hot Dip Galvanizing, Add	2,518.55	
	For >10 To 25 Tons, Deduct	-764.56	
	For >25 To 50 Tons, Deduct	-1,574.10	
	For >50 Tons, Deduct	-2,248.71	
05 12 23 00-0041	TON >65-100 LB/LF Combination Section - Channels And Angles	7,015.41	457.87
	For ASTM A242 Type 2 High Strength Steel, Add	522.16	
	For Hot Dip Galvanizing, Add	1,827.57	
	For >10 To 25 Tons, Deduct	-554.80	
	For >25 To 50 Tons, Deduct	-1,142.23	
	For >50 Tons, Deduct	-1,631.76	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 12 23 00-0042		Standard Weight Pipe <small>(05 12 23 00-0001)</small>			
05 12 23 00-0043	TON	1/2" To 5" Diameter Standard Weight Pipe.....	7,977.28		732.59
		<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	575.67		
		<i>For Hot Dip Galvanizing, Add</i>	2,014.84		
		<i>For >10 To 25 Tons, Deduct</i>	-611.65		
		<i>For >25 To 50 Tons, Deduct</i>	-1,259.28		
		<i>For >50 Tons, Deduct</i>	-1,798.97		
05 12 23 00-0044	TON	>5" To 12" Diameter Standard Weight Pipe.....	8,495.52		915.73
		<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	601.50		
		<i>For Hot Dip Galvanizing, Add</i>	2,105.25		
		<i>For >10 To 25 Tons, Deduct</i>	-639.09		
		<i>For >25 To 50 Tons, Deduct</i>	-1,315.78		
		<i>For >50 Tons, Deduct</i>	-1,879.69		
05 12 23 00-0045		Structural Steel Shapes <small>(05 12 23)</small>			
		Note: Prices by Ton (or LB) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock cross-sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding. See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0117 for field fabrication of additional structural metal connections.			
05 12 23 00-0046		Steel Rods <small>(05 12 23 00-0045)</small>			
05 12 23 00-0047	TON	1/2" To 5" Diameter Extra Strong Steel, Solid.....	8,636.63		572.39
		<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	642.09		
		<i>For Hot Dip Galvanizing, Add</i>	2,247.32		
		<i>For >10 To 25 Tons, Deduct</i>	-682.22		
		<i>For >25 To 50 Tons, Deduct</i>	-1,404.58		
		<i>For >50 Tons, Deduct</i>	-2,006.54		
05 12 23 00-0048	TON	>5" To 12" Diameter Extra Strong Steel, Solid.....	9,863.08		813.90
		<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	719.59		
		<i>For Hot Dip Galvanizing, Add</i>	2,518.55		
		<i>For >10 To 25 Tons, Deduct</i>	-764.56		
		<i>For >25 To 50 Tons, Deduct</i>	-1,574.10		
		<i>For >50 Tons, Deduct</i>	-2,248.71		
05 12 23 00-0049		Column Base Plates <small>(05 12 23 00-0045)</small>			
05 12 23 00-0050	LB	Column Base Plates, Up To 150 LB / Each, A36 Miscellaneous Steel Items.....	4.24		0.74
		<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	0.28		
		<i>For Hot Dip Galvanizing, Add</i>	0.97		
05 12 23 00-0051	LB	Column Base Plates, >150 LB / Each, A36 Miscellaneous Steel Items.....	3.99		0.62
		<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	0.26		
		<i>For Hot Dip Galvanizing, Add</i>	0.92		
05 12 23 00-0052	TON	Column Base Plates, Up To 150 LB Each, A36 Miscellaneous Steel Items.....	7,831.44		653.41
		<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	570.76		
		<i>For Hot Dip Galvanizing, Add</i>	1,997.65		
		<i>For >10 To 25 Tons, Deduct</i>	-606.43		
		<i>For >25 To 50 Tons, Deduct</i>	-1,248.53		
		<i>For >50 Tons, Deduct</i>	-1,783.62		
05 12 23 00-0053	TON	Column Base Plates, >150 LB Each, A36 Miscellaneous Steel Items.....	5,578.45		392.05
		<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	412.82		
		<i>For Hot Dip Galvanizing, Add</i>	1,444.87		
		<i>For >10 To 25 Tons, Deduct</i>	-438.62		
		<i>For >25 To 50 Tons, Deduct</i>	-903.05		
		<i>For >50 Tons, Deduct</i>	-1,290.07		
05 12 23 00-0054		Double Extra Strong Pipes <small>(05 12 23 00-0045)</small>			
05 12 23 00-0055	TON	2" To 5" Diameter Double Extra Strong Pipe.....	10,295.66		1,046.49
		<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	734.35		
		<i>For Hot Dip Galvanizing, Add</i>	2,570.22		
		<i>For >10 To 25 Tons, Deduct</i>	-780.24		
		<i>For >25 To 50 Tons, Deduct</i>	-1,606.38		
		<i>For >50 Tons, Deduct</i>	-2,294.84		
05 12 23 00-0056	TON	>5" To 8" Diameter Double Extra Strong Pipe.....	9,780.44		563.48
		<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	734.35		
		<i>For Hot Dip Galvanizing, Add</i>	2,570.22		
		<i>For >10 To 25 Tons, Deduct</i>	-780.24		
		<i>For >25 To 50 Tons, Deduct</i>	-1,606.38		
		<i>For >50 Tons, Deduct</i>	-2,294.84		
05 12 23 00-0057		Structural Pipes <small>(05 12 23 00-0045)</small>			
05 12 23 00-0058	TON	3" To 5" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items.....	7,201.76		483.50
		<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	516.63		
		<i>For Hot Dip Galvanizing, Add</i>	1,808.19		
		<i>For >10 To 25 Tons, Deduct</i>	-548.92		
		<i>For >25 To 50 Tons, Deduct</i>	-1,130.12		
		<i>For >50 Tons, Deduct</i>	-1,614.46		
05 12 23 00-0059	TON	>5" To 12" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items.....	7,688.03		557.61
		<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	516.63		
		<i>For Hot Dip Galvanizing, Add</i>	1,808.19		
		<i>For >10 To 25 Tons, Deduct</i>	-548.92		
		<i>For >25 To 50 Tons, Deduct</i>	-1,130.12		
		<i>For >50 Tons, Deduct</i>	-1,614.46		
05 12 23 00-0060		Structural Tubing <small>(05 12 23 00-0045)</small>			

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0061	Rectangle Structural Tubing (05 12 23 00-0060)		
05 12 23 00-0062	TON 3" x 2" Weight Range 5-7 LB/LF Structural Tubing - Rectangle.....	12,052.77	488.39
	For ASTM A242 Type 2 High Strength Steel, Add	922.55	
	For Hot Dip Galvanizing, Add	3,228.91	
	For >10 To 25 Tons, Deduct	-980.21	
	For >25 To 50 Tons, Deduct	-2,018.07	
	For >50 Tons, Deduct	-2,882.96	
05 12 23 00-0063	TON 4" x 3", 2" Weight Range 6-13 LB/LF Structural Tubing - Rectangle	12,132.93	563.48
	For ASTM A242 Type 2 High Strength Steel, Add	922.55	
	For Hot Dip Galvanizing, Add	3,228.91	
	For >10 To 25 Tons, Deduct	-980.21	
	For >25 To 50 Tons, Deduct	-2,018.07	
	For >50 Tons, Deduct	-2,882.96	
05 12 23 00-0064	TON 5" x 4", 3", 2" Weight Range 8-20 LB/LF Structural Tubing - Rectangle	10,568.56	610.48
	For ASTM A242 Type 2 High Strength Steel, Add	793.39	
	For Hot Dip Galvanizing, Add	2,776.86	
	For >10 To 25 Tons, Deduct	-842.98	
	For >25 To 50 Tons, Deduct	-1,735.54	
	For >50 Tons, Deduct	-2,479.34	
05 12 23 00-0065	TON 6" x 4", 3", 2" Weight Range 9-29 LB/LF Structural Tubing - Rectangle	10,006.88	732.59
	For ASTM A242 Type 2 High Strength Steel, Add	738.04	
	For Hot Dip Galvanizing, Add	2,583.13	
	For >10 To 25 Tons, Deduct	-784.16	
	For >25 To 50 Tons, Deduct	-1,614.46	
	For >50 Tons, Deduct	-2,306.37	
05 12 23 00-0066	TON 7" x 5", 4", 3" Weight Range 12-35 LB/LF Structural Tubing - Rectangle	9,824.03	813.90
	For ASTM A242 Type 2 High Strength Steel, Add	716.46	
	For Hot Dip Galvanizing, Add	2,507.62	
	For >10 To 25 Tons, Deduct	-761.24	
	For >25 To 50 Tons, Deduct	-1,567.26	
	For >50 Tons, Deduct	-2,238.95	
05 12 23 00-0067	TON 8" x 6", 4", 3", 2" Weight Range 11-42 LB/LF Structural Tubing - Rectangle.....	9,946.12	1,126.34
	For ASTM A242 Type 2 High Strength Steel, Add	699.57	
	For Hot Dip Galvanizing, Add	2,448.51	
	For >10 To 25 Tons, Deduct	-743.30	
	For >25 To 50 Tons, Deduct	-1,530.32	
	For >50 Tons, Deduct	-2,186.17	
05 12 23 00-0068	TON 10" x 6", 4", 2" Weight Range 15-50 LB/LF Structural Tubing - Rectangle	10,306.32	1,488.97
	For ASTM A242 Type 2 High Strength Steel, Add	697.44	
	For Hot Dip Galvanizing, Add	2,441.06	
	For >10 To 25 Tons, Deduct	-741.04	
	For >25 To 50 Tons, Deduct	-1,525.66	
	For >50 Tons, Deduct	-2,179.52	
05 12 23 00-0069	TON 12" x 6", 4", 2" Weight Range 17-76 LB/LF Structural Tubing - Rectangle	10,545.27	1,626.45
	For ASTM A242 Type 2 High Strength Steel, Add	704.83	
	For Hot Dip Galvanizing, Add	2,466.89	
	For >10 To 25 Tons, Deduct	-748.88	
	For >25 To 50 Tons, Deduct	-1,541.81	
	For >50 Tons, Deduct	-2,202.58	
05 12 23 00-0070	TON 14" x 10", 6", 4" Weight Range 29-76 LB/LF Structural Tubing - Rectangle	10,763.88	1,831.45
	For ASTM A242 Type 2 High Strength Steel, Add	704.83	
	For Hot Dip Galvanizing, Add	2,466.89	
	For >10 To 25 Tons, Deduct	-748.88	
	For >25 To 50 Tons, Deduct	-1,541.81	
	For >50 Tons, Deduct	-2,202.58	
05 12 23 00-0071	TON 16" x 12", 8", 4" Weight Range 40-90 LB/LF Structural Tubing - Rectangle	11,322.80	2,441.94
	For ASTM A242 Type 2 High Strength Steel, Add	697.44	
	For Hot Dip Galvanizing, Add	2,441.06	
	For >10 To 25 Tons, Deduct	-741.04	
	For >25 To 50 Tons, Deduct	-1,525.66	
	For >50 Tons, Deduct	-2,179.52	
05 12 23 00-0072	TON 18" x 6", 4" Weight Range 48-76 LB/LF Structural Tubing - Rectangle	12,591.54	3,847.65
	For ASTM A242 Type 2 High Strength Steel, Add	678.99	
	For Hot Dip Galvanizing, Add	2,376.48	
	For >10 To 25 Tons, Deduct	-721.43	
	For >25 To 50 Tons, Deduct	-1,485.30	
	For >50 Tons, Deduct	-2,121.86	
05 12 23 00-0073	TON 20" x 12", 8", 4" Weight Range 48-105 LB/LF Structural Tubing - Rectangle	14,096.76	5,618.06
	For ASTM A242 Type 2 High Strength Steel, Add	648.34	
	For Hot Dip Galvanizing, Add	2,269.19	
	For >10 To 25 Tons, Deduct	-688.86	
	For >25 To 50 Tons, Deduct	-1,418.25	
	For >50 Tons, Deduct	-2,026.07	
05 12 23 00-0074	Square Structural Tubing (05 12 23 00-0060)		
05 12 23 00-0075	TON 2" x 2" Weight Range 4-6 LB/LF Structural Tubing - Square	12,020.22	457.87
	For ASTM A242 Type 2 High Strength Steel, Add	922.55	
	For Hot Dip Galvanizing, Add	3,228.91	
	For >10 To 25 Tons, Deduct	-980.21	
	For >25 To 50 Tons, Deduct	-2,018.07	
	For >50 Tons, Deduct	-2,882.96	
05 12 23 00-0076	TON 2.5" x 2.5" Weight Range 5-8 LB/LF Structural Tubing - Square	12,052.77	488.39
	For ASTM A242 Type 2 High Strength Steel, Add	922.55	
	For Hot Dip Galvanizing, Add	3,228.91	
	For >10 To 25 Tons, Deduct	-980.21	
	For >25 To 50 Tons, Deduct	-2,018.07	
	For >50 Tons, Deduct	-2,882.96	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0077				TON 3" x 3" Weight Range 6-11 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	10,799.20 811.84 2,841.44 -862.58 -1,775.90 -2,537.00	610.48
05 12 23 00-0078				TON 3.5" x 3.5" Weight Range 8-13 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	10,698.79 793.39 2,776.86 -842.98 -1,735.54 -2,479.34	732.59
05 12 23 00-0079				TON 4" x 4" Weight Range 10-22 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	8,541.65 605.19 2,118.17 -643.01 -1,323.85 -1,891.22	915.73
05 12 23 00-0080				TON 5" x 5" Weight Range 12-30 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	8,681.20 605.19 2,118.17 -643.01 -1,323.85 -1,891.22	1,046.49
05 12 23 00-0081				TON 6" x 6" Weight Range 15-35 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	9,127.72 605.19 2,118.17 -643.01 -1,323.85 -1,891.22	1,465.17
05 12 23 00-0082				TON 7" x 7" Weight Range 17-42 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	9,656.82 616.26 2,156.91 -654.78 -1,348.07 -1,925.82	1,831.45
05 12 23 00-0083				TON 8" x 8" Weight Range 20-60 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	11,553.44 715.90 2,505.64 -760.64 -1,566.02 -2,237.18	2,441.94
05 12 23 00-0084				TON 10" x 10" Weight Range 33-77 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	12,855.81 715.90 2,505.64 -760.64 -1,566.02 -2,237.18	3,662.92
05 12 23 00-0085				TON 12" x 12" Weight Range 40-80 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	12,289.07 616.26 2,156.91 -654.78 -1,348.07 -1,925.82	4,299.16
05 12 23 00-0086				TON 14" x 14" Weight Range 57-90 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	14,756.69 701.14 2,453.97 -744.96 -1,533.73 -2,191.05	5,618.06
05 12 23 00-0087				TON 16" x 16" Weight Range 65-105 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	16,762.92 715.90 2,505.64 -760.64 -1,566.02 -2,237.18	7,325.83
05 12 23 00-0088				Structural Shapes <small>(05 12 23 00-0045)</small>		
05 12 23 00-0089				TON Structural Shapes, Steel Angle A36 Structural Steel, Purlins And Girts (Up To 20 LB/LF)..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >20 To 50 LB/LF, Deduct</i> <i>For >50 To 75 LB/LF, Deduct</i> <i>For >75 To 100 LB/LF, Deduct</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	8,318.22 333.56 1,167.47 -1,039.26 -1,662.60 -2,285.94 -354.41 -729.67 -1,042.39	2,613.67
05 12 23 00-0090				TON Structural Shapes, Steel Plate A36 Structural Steel Note: Up to 21.5 LB per SF <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >21.5 To 50 LB/LF, Deduct</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	8,770.78 590.44 2,066.55 -946.59 -627.35 -1,291.59 -1,845.13	1,045.47
05 12 23 00-0091			LB	Structural Shapes, Primed Pipe Supports (Up To 20 LB/LF).....	5.13	0.23
05 12 23 00-0092			LB	Structural Shapes, Galvanized Pipe Supports.....	6.28	0.23

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0093		Built-Up Trusses (05 12 23 00-0045)		
05 12 23 00-0094	TON	Up To 50 LF Span Average Weight 100 LB/LF Trusses, Built-up	9,777.62	366.29
		For >10 To 25 Tons, Deduct	-797.89	
		For >25 To 50 Tons, Deduct	-1,642.71	
		For >50 Tons, Deduct	-2,346.73	
05 12 23 00-0095	TON	>50-100 LF Span Average Weight 120 LB/LF Trusses, Built-up	9,696.22	203.42
		For >10 To 25 Tons, Deduct	-805.73	
		For >25 To 50 Tons, Deduct	-1,658.85	
		For >50 Tons, Deduct	-2,369.79	
05 12 23 00-0096	TON	>100-200 LF Span Average Weight 150 LB/LF Trusses, Built-up	8,648.47	107.69
		For >10 To 25 Tons, Deduct	-725.35	
		For >25 To 50 Tons, Deduct	-1,493.37	
		For >50 Tons, Deduct	-2,133.39	
05 12 23 00-0097	TON	>200 LF Span Average Weight 180 LB/LF Trusses, Built-up	8,411.45	101.83
		For >10 To 25 Tons, Deduct	-705.75	
		For >25 To 50 Tons, Deduct	-1,453.01	
		For >50 Tons, Deduct	-2,075.73	
05 12 23 00-0098		Masonry Plates, Filler Plates, Sole Plates And Anchor Straps (05 12 23 00-0045)		
Note: Includes shop fabrication, welds, drilling and shop primer.				
05 12 23 00-0099	SF	1/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	31.42	7.53
05 12 23 00-0100	SF	3/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	47.13	11.26
05 12 23 00-0101	SF	1/2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	62.85	15.01
05 12 23 00-0102	SF	5/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	78.56	18.76
05 12 23 00-0103	SF	3/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	94.26	22.40
05 12 23 00-0104	SF	7/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	109.97	26.26
05 12 23 00-0105	SF	1" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	125.68	30.01
05 12 23 00-0106	SF	1-1/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	141.39	33.77
05 12 23 00-0107	SF	1-1/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	157.10	37.52
05 12 23 00-0108	SF	1-3/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	172.82	41.27
05 12 23 00-0109	SF	1-1/2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	188.53	45.03
05 12 23 00-0110	SF	1-5/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	204.24	48.78
05 12 23 00-0111	SF	1-3/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	219.96	52.52
05 12 23 00-0112	SF	1-7/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	235.67	56.28
05 12 23 00-0113	SF	2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	251.37	60.03
05 12 23 00-0114		Accessories For Steel (05 12 23)		
05 12 23 00-0115		Field Painting For Touch-Up Of Shop Prime Coat (05 12 23 00-0114)		
05 12 23 00-0116	SF	Touch Up Paint - Type 1 Red Oxide Field Painting Prime Coat	1.25	
05 12 23 00-0117		Connection And Stiffener Plates (05 12 23 00-0114)		
Note: For field fabrication of additional structural metal connections.				
05 12 23 00-0118	TON	1/8" Plate Weight 6.16 LB/SF Connection And Stiffener Plates	21,306.86	
		For >10 To 25 Tons, Deduct	-1,811.08	
		For >25 To 50 Tons, Deduct	-3,728.70	
		For >50 Tons, Deduct	-5,326.72	
05 12 23 00-0119	TON	3/16" Plate Weight 8.71 LB/SF Connection And Stiffener Plates	18,178.92	
		For >10 To 25 Tons, Deduct	-1,545.21	
		For >25 To 50 Tons, Deduct	-3,181.31	
		For >50 Tons, Deduct	-4,544.73	
05 12 23 00-0120	TON	1/4" Plate Weight 11.26 LB/SF Connection And Stiffener Plates	14,058.13	
		For >10 To 25 Tons, Deduct	-1,194.94	
		For >25 To 50 Tons, Deduct	-2,460.17	
		For >50 Tons, Deduct	-3,514.53	
05 12 23 00-0121	TON	5/16" Plate Weight 13.81 LB/SF Connection And Stiffener Plates	14,058.13	
		For >10 To 25 Tons, Deduct	-1,194.94	
		For >25 To 50 Tons, Deduct	-2,460.17	
		For >50 Tons, Deduct	-3,514.53	
05 12 23 00-0122	TON	3/8" Plate Weight 16.37 LB/SF Connection And Stiffener Plates	14,058.13	
		For >10 To 25 Tons, Deduct	-1,194.94	
		For >25 To 50 Tons, Deduct	-2,460.17	
		For >50 Tons, Deduct	-3,514.53	
05 12 23 00-0123	TON	1/2" Plate Weight 21.47 LB/SF Connection And Stiffener Plates	14,058.13	
		For >10 To 25 Tons, Deduct	-1,194.94	
		For >25 To 50 Tons, Deduct	-2,460.17	
		For >50 Tons, Deduct	-3,514.53	
05 12 23 00-0124	TON	9/16" Plate Weight 24.02 LB/SF Connection And Stiffener Plates	14,058.13	
		For >10 To 25 Tons, Deduct	-1,194.94	
		For >25 To 50 Tons, Deduct	-2,460.17	
		For >50 Tons, Deduct	-3,514.53	
05 12 23 00-0125	TON	5/8" Plate Weight 26.58 LB/SF Connection And Stiffener Plates	14,058.13	
		For >10 To 25 Tons, Deduct	-1,194.94	
		For >25 To 50 Tons, Deduct	-2,460.17	
		For >50 Tons, Deduct	-3,514.53	
05 12 23 00-0126	TON	3/4" Plate Weight 31.68 LB/SF Connection And Stiffener Plates	13,179.50	
		For >10 To 25 Tons, Deduct	-1,120.26	
		For >25 To 50 Tons, Deduct	-2,306.41	
		For >50 Tons, Deduct	-3,294.88	
05 12 23 00-0127	TON	7/8" Plate Weight 36.78 LB/SF Connection And Stiffener Plates	13,179.50	
		For >10 To 25 Tons, Deduct	-1,120.26	
		For >25 To 50 Tons, Deduct	-2,306.41	
		For >50 Tons, Deduct	-3,294.88	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0128	TON		1" Plate Weight 41.89 LB/SF Connection And Stiffener Plates..... For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	13,179.50 -1,120.26 -2,306.41 -3,294.88	
05 12 23 00-0129			Field Applied Cold Galvanizing (05 12 23 00-0114)		
05 12 23 00-0130	SF		Brush Applied Cold Galvanizing	1.94	
05 12 23 00-0131			Metal Grinding (05 12 23 00-0114) Note: For use to prepare existing metal for welding by removing of rust or scale and smoothing surface after torch cutting.		
05 12 23 00-0132	SI		Metal Grinding Up To 1/32" Thickness To Be Removed..... Note: Includes rust or scale removal on metal and smoothing surface.	1.04	
05 12 23 00-0133			Structural Steel For Buildings And Structures (05 12 23) Note: Prices by Ton (or LB) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock cross-sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding.		
05 12 23 00-0134			First Tier A992/A36 Structural Steel Columns, W Shapes (05 12 23 00-0133) Note: With base plate. Includes material delivery and erection.		
05 12 23 00-0135	LF		W14 x 730 A992/A36 Structural Column	1,644.84	72.50
			For Hot Dip Galvanizing, Add	435.00	
			For High Strength Low Alloy A572-50 Steel, Add	148.04	
			For High Strength Low Alloy A588 Grade B Steel, Add	328.97	
05 12 23 00-0136	LF		W14 x 665 A992/A36 Structural Column	1,500.02	67.57
			For Hot Dip Galvanizing, Add	396.27	
			For High Strength Low Alloy A572-50 Steel, Add	135.00	
			For High Strength Low Alloy A588 Grade B Steel, Add	300.00	
05 12 23 00-0137	LF		W14 x 605 A992/A36 Structural Column	1,366.21	62.89
			For Hot Dip Galvanizing, Add	360.51	
			For High Strength Low Alloy A572-50 Steel, Add	122.96	
			For High Strength Low Alloy A588 Grade B Steel, Add	273.24	
05 12 23 00-0138	LF		W14 x 550 A992/A36 Structural Column	1,243.41	58.50
			For Hot Dip Galvanizing, Add	327.74	
			For High Strength Low Alloy A572-50 Steel, Add	111.91	
			For High Strength Low Alloy A588 Grade B Steel, Add	248.68	
05 12 23 00-0139	LF		W14 x 500 A992/A36 Structural Column	1,141.43	63.49
			For Hot Dip Galvanizing, Add	297.94	
			For High Strength Low Alloy A572-50 Steel, Add	102.73	
			For High Strength Low Alloy A588 Grade B Steel, Add	228.29	
05 12 23 00-0140	LF		W14 x 426 A992/A36 Structural Column	973.84	55.43
			For Hot Dip Galvanizing, Add	253.85	
			For High Strength Low Alloy A572-50 Steel, Add	87.65	
			For High Strength Low Alloy A588 Grade B Steel, Add	194.77	
05 12 23 00-0141	LF		W14 x 342 A992/A36 Structural Column	787.35	47.98
			For Hot Dip Galvanizing, Add	204.30	
			For High Strength Low Alloy A572-50 Steel, Add	70.86	
			For High Strength Low Alloy A588 Grade B Steel, Add	157.47	
05 12 23 00-0142	LF		W14 x 311 A992/A36 Structural Column	709.07	44.81
			For Hot Dip Galvanizing, Add	183.50	
			For High Strength Low Alloy A572-50 Steel, Add	63.82	
			For High Strength Low Alloy A588 Grade B Steel, Add	141.81	
05 12 23 00-0143	LF		W14 x 283 A992/A36 Structural Column	643.54	42.24
			For Hot Dip Galvanizing, Add	166.09	
			For High Strength Low Alloy A572-50 Steel, Add	57.92	
			For High Strength Low Alloy A588 Grade B Steel, Add	128.71	
05 12 23 00-0144	LF		W14 x 257 A992/A36 Structural Column	565.54	40.05
			For Hot Dip Galvanizing, Add	145.09	
			For High Strength Low Alloy A572-50 Steel, Add	50.90	
			For High Strength Low Alloy A588 Grade B Steel, Add	113.11	
05 12 23 00-0145	LF		W14 x 233 A992/A36 Structural Column	520.43	37.24
			For Hot Dip Galvanizing, Add	133.41	
			For High Strength Low Alloy A572-50 Steel, Add	46.84	
			For High Strength Low Alloy A588 Grade B Steel, Add	104.09	
05 12 23 00-0146	LF		W14 x 211 A992/A36 Structural Column	462.84	34.67
			For Hot Dip Galvanizing, Add	118.17	
			For High Strength Low Alloy A572-50 Steel, Add	41.66	
			For High Strength Low Alloy A588 Grade B Steel, Add	92.57	
05 12 23 00-0147	LF		W14 x 193 A992/A36 Structural Column	418.56	32.96
			For Hot Dip Galvanizing, Add	106.39	
			For High Strength Low Alloy A572-50 Steel, Add	37.67	
			For High Strength Low Alloy A588 Grade B Steel, Add	83.71	
05 12 23 00-0148	LF		W14 x 176 A992/A36 Structural Column	377.18	31.50
			For Hot Dip Galvanizing, Add	95.35	
			For High Strength Low Alloy A572-50 Steel, Add	33.95	
			For High Strength Low Alloy A588 Grade B Steel, Add	75.44	
05 12 23 00-0149	LF		W14 x 159 A992/A36 Structural Column	340.96	30.40
			For Hot Dip Galvanizing, Add	85.64	
			For High Strength Low Alloy A572-50 Steel, Add	30.69	
			For High Strength Low Alloy A588 Grade B Steel, Add	68.19	
05 12 23 00-0150	LF		W14 x 145 A992/A36 Structural Column	329.50	29.43
			For Hot Dip Galvanizing, Add	82.73	
			For High Strength Low Alloy A572-50 Steel, Add	29.66	
			For High Strength Low Alloy A588 Grade B Steel, Add	65.90	

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0151	LF		W14 x 132 A992/A36 Structural Column	281.67	28.09
			<i>For Hot Dip Galvanizing, Add</i>	69.86	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	25.35	
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	56.33	
05 12 23 00-0152	LF		W14 x 120 A992/A36 Structural Column	264.05	27.35
			<i>For Hot Dip Galvanizing, Add</i>	65.18	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	23.76	
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	52.81	
05 12 23 00-0153	LF		W14 x 109 A992/A36 Structural Column	236.37	26.25
			<i>For Hot Dip Galvanizing, Add</i>	57.83	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	21.27	
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	47.27	
05 12 23 00-0154	LF		W14 x 99 A992/A36 Structural Column	215.61	25.52
			<i>For Hot Dip Galvanizing, Add</i>	52.31	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	19.40	
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	43.12	
05 12 23 00-0155	LF		W14 x 90 A992/A36 Structural Column	200.24	24.91
			<i>For Hot Dip Galvanizing, Add</i>	48.22	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	18.02	
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	40.05	
05 12 23 00-0156	LF		W14 x 82 A992/A36 Structural Column	184.41	24.17
			<i>For Hot Dip Galvanizing, Add</i>	44.03	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	16.60	
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	36.88	
05 12 23 00-0157	LF		W14 x 74 A992/A36 Structural Column	166.45	23.57
			<i>For Hot Dip Galvanizing, Add</i>	39.24	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	14.98	
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	33.29	
05 12 23 00-0158	LF		W14 x 68 A992/A36 Structural Column	155.42	23.20
			<i>For Hot Dip Galvanizing, Add</i>	36.29	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	13.99	
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	31.08	
05 12 23 00-0159	LF		W14 x 61 A992/A36 Structural Column	141.66	22.59
			<i>For Hot Dip Galvanizing, Add</i>	32.64	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	12.75	
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	28.33	
05 12 23 00-0160	LF		W14 x 53 A992/A36 Structural Column	128.97	21.98
			<i>For Hot Dip Galvanizing, Add</i>	29.28	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	11.61	
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	25.79	
05 12 23 00-0161	LF		W14 x 48 A992/A36 Structural Column	120.79	21.61
			<i>For Hot Dip Galvanizing, Add</i>	27.11	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	10.87	
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	24.16	
05 12 23 00-0162	LF		W14 x 43 A992/A36 Structural Column	108.93	21.25
			<i>For Hot Dip Galvanizing, Add</i>	23.96	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	9.80	
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	21.79	
05 12 23 00-0163	LF		W12 x 336 A992/A36 Structural Column	750.11	32.29
			<i>For Hot Dip Galvanizing, Add</i>	198.61	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	67.51	
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	150.02	
05 12 23 00-0164	LF		W12 x 305 A992/A36 Structural Column	683.41	31.64
			<i>For Hot Dip Galvanizing, Add</i>	180.28	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	61.51	
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	136.68	
05 12 23 00-0165	LF		W12 x 279 A992/A36 Structural Column	627.61	31.26
			<i>For Hot Dip Galvanizing, Add</i>	164.92	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	56.48	
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	125.52	
05 12 23 00-0166	LF		W12 x 252 A992/A36 Structural Column	569.27	30.48
			<i>For Hot Dip Galvanizing, Add</i>	148.96	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	51.23	
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	113.85	
05 12 23 00-0167	LF		W12 x 230 A992/A36 Structural Column	521.95	30.04
			<i>For Hot Dip Galvanizing, Add</i>	135.95	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	46.98	
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	104.39	
05 12 23 00-0168	LF		W12 x 210 A992/A36 Structural Column	478.88	29.62
			<i>For Hot Dip Galvanizing, Add</i>	124.13	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	43.10	
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	95.78	
05 12 23 00-0169	LF		W12 x 190 A992/A36 Structural Column	440.73	33.70
			<i>For Hot Dip Galvanizing, Add</i>	112.31	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	39.67	
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	88.15	
05 12 23 00-0170	LF		W12 x 170 A992/A36 Structural Column	398.18	32.72
			<i>For Hot Dip Galvanizing, Add</i>	100.84	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	35.84	
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	79.64	
05 12 23 00-0171	LF		W12 x 152 A992/A36 Structural Column	358.90	30.40
			<i>For Hot Dip Galvanizing, Add</i>	90.61	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	32.30	
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	71.78	
05 12 23 00-0172	LF		W12 x 136 A992/A36 Structural Column	341.16	29.55
			<i>For Hot Dip Galvanizing, Add</i>	85.93	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	30.70	
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	68.23	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0173	LF			W12 x 120 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	258.07 63.55 23.23 51.61	27.10
05 12 23 00-0174	LF			W12 x 106 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	237.79 58.23 21.40 47.56	26.25
05 12 23 00-0175	LF			W12 x 96 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	212.65 51.52 19.14 42.53	25.39
05 12 23 00-0176	LF			W12 x 87 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	196.09 47.13 17.65 39.22	24.54
05 12 23 00-0177	LF			W12 x 79 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	171.96 40.67 15.48 34.39	23.81
05 12 23 00-0178	LF			W12 x 72 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	157.32 36.78 14.16 31.46	23.20
05 12 23 00-0179	LF			W12 x 65 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	143.74 33.18 12.94 28.75	22.71
05 12 23 00-0180	LF			W12 x 58 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	139.05 31.95 12.51 27.81	22.47
05 12 23 00-0181	LF			W12 x 53 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	128.97 29.28 11.61 25.79	21.98
05 12 23 00-0182	LF			W12 x 50 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	124.94 28.20 11.24 24.99	21.86
05 12 23 00-0183	LF			W12 x 45 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	113.44 25.14 10.21 22.69	21.37
05 12 23 00-0184	LF			W12 x 40 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	101.59 21.99 9.14 20.32	20.88
05 12 23 00-0185	LF			W10 x 112 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	248.75 61.13 22.39 49.75	26.74
05 12 23 00-0186	LF			W10 x 110 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	224.92 54.82 20.24 44.98	25.64
05 12 23 00-0187	LF			W10 x 88 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	202.08 48.76 18.19 40.42	24.78
05 12 23 00-0188	LF			W10 x 77 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	179.60 42.79 16.16 35.92	23.81
05 12 23 00-0189	LF			W10 x 68 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	161.64 38.01 14.55 32.33	23.20
05 12 23 00-0190	LF			W10 x 60 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	141.66 32.64 12.75 28.33	22.59
05 12 23 00-0191	LF			W10 x 54 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	140.71 32.44 12.66 28.14	22.22
05 12 23 00-0192	LF			W10 x 49 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	123.40 27.81 11.11 24.68	21.86
05 12 23 00-0193	LF			W10 x 45 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	119.07 26.67 10.72 23.81	21.49
05 12 23 00-0194	LF			W10 x 39 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	103.48 22.48 9.31 20.70	21.13

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0195	LF	W10 x 33 A992/A36 Structural Column	90.08	20.52
		<i>For Hot Dip Galvanizing, Add</i>	18.93	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	8.11	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	18.02	
05 12 23 00-0196	LF	W8 x 67 A992/A36 Structural Column	155.60	23.20
		<i>For Hot Dip Galvanizing, Add</i>	36.34	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	14.00	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	31.12	
05 12 23 00-0197	LF	W8 x 58 A992/A36 Structural Column	139.59	22.47
		<i>For Hot Dip Galvanizing, Add</i>	32.10	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	12.56	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	27.92	
05 12 23 00-0198	LF	W8 x 48 A992/A36 Structural Column	124.82	21.86
		<i>For Hot Dip Galvanizing, Add</i>	28.20	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	11.23	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	24.96	
05 12 23 00-0199	LF	W8 x 40 A992/A36 Structural Column	106.98	21.25
		<i>For Hot Dip Galvanizing, Add</i>	23.42	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	9.63	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	21.40	
05 12 23 00-0200	LF	W8 x 35 A992/A36 Structural Column	96.54	20.76
		<i>For Hot Dip Galvanizing, Add</i>	20.66	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	8.69	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	19.31	
05 12 23 00-0201	LF	W8 x 31 A992/A36 Structural Column	88.13	20.52
		<i>For Hot Dip Galvanizing, Add</i>	18.39	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	7.93	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	17.63	
05 12 23 00-0202	LF	W8 x 28 A992/A36 Structural Column	82.90	20.27
		<i>For Hot Dip Galvanizing, Add</i>	17.01	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	7.46	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	16.58	
05 12 23 00-0203	LF	W8 x 24 A992/A36 Structural Column	76.62	20.03
		<i>For Hot Dip Galvanizing, Add</i>	15.33	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	6.90	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	15.32	
05 12 23 00-0204	LF	W8 x 21 A992/A36 Structural Column	72.47	19.91
		<i>For Hot Dip Galvanizing, Add</i>	14.25	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	6.52	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	14.49	
05 12 23 00-0205	LF	W8 x 18 A992/A36 Structural Column	64.58	19.53
		<i>For Hot Dip Galvanizing, Add</i>	12.13	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	5.81	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	12.92	
05 12 23 00-0206	LF	W6 x 25 A992/A36 Structural Column	80.53	20.03
		<i>For Hot Dip Galvanizing, Add</i>	16.42	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	7.25	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	16.11	
05 12 23 00-0207	LF	W6 x 20 A992/A36 Structural Column	67.90	19.65
		<i>For Hot Dip Galvanizing, Add</i>	13.01	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	6.11	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	13.58	
05 12 23 00-0208	LF	W6 x 15 A992/A36 Structural Column	58.05	19.04
		<i>For Hot Dip Galvanizing, Add</i>	10.45	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	5.22	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	11.61	
05 12 23 00-0209	LF	W6 x 12 A992/A36 Structural Column	54.32	19.04
		<i>For Hot Dip Galvanizing, Add</i>	9.42	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	4.89	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	10.86	
05 12 23 00-0210	LF	W6 x 9 A992/A36 Structural Column	49.58	18.92
		<i>For Hot Dip Galvanizing, Add</i>	8.13	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	4.46	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	9.92	
05 12 23 00-0211	LF	W5 x 19 A992/A36 Structural Column	66.84	19.65
		<i>For Hot Dip Galvanizing, Add</i>	12.72	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	6.02	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	13.37	
05 12 23 00-0212	LF	W5 x 16 A992/A36 Structural Column	61.44	19.53
		<i>For Hot Dip Galvanizing, Add</i>	11.29	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	5.53	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	12.29	
05 12 23 00-0213	LF	W4 x 13 A992/A36 Structural Column	57.47	19.29
		<i>For Hot Dip Galvanizing, Add</i>	10.25	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	5.17	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	11.49	
05 12 23 00-0214	A992/A36 Structural Steel Beams And Girders, W Shapes (05 12 23 00-0133)			
	Note: Includes material delivery and erection.			
05 12 23 00-0215	LF	W36 x 300 A992/A36 Structural Beam Or Girder	589.12	79.39
		<i>For Hot Dip Galvanizing, Add</i>	139.98	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	53.02	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	117.82	
		<i>For Each Additional Top Copes >2, Add</i>	5.04	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-193.49	
		<i>For Skewed Or Sloped Connections, Add</i>	70.69	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0216	LF		W36 x 280 A992/A36 Structural Beam Or Girder	568.48	91.58
			For Hot Dip Galvanizing, Add	130.65	
			For High Strength Low Alloy A572-50 Steel, Add	51.16	
			For High Strength Low Alloy A588 Steel, Add	113.70	
			For Each Additional Top Copes >2, Add	4.71	
			For Structural Tees, WT, MT Or ST, Deduct	-184.32	
			For Skewed Or Sloped Connections, Add	68.22	
05 12 23 00-0217	LF		W36 x 260 A992/A36 Structural Beam Or Girder	537.99	90.47
			For Hot Dip Galvanizing, Add	122.53	
			For High Strength Low Alloy A572-50 Steel, Add	48.42	
			For High Strength Low Alloy A588 Steel, Add	107.60	
			For Each Additional Top Copes >2, Add	4.42	
			For Structural Tees, WT, MT Or ST, Deduct	-173.83	
			For Skewed Or Sloped Connections, Add	64.56	
05 12 23 00-0218	LF		W36 x 240 A992/A36 Structural Beam Or Girder	500.94	76.52
			For Hot Dip Galvanizing, Add	116.36	
			For High Strength Low Alloy A572-50 Steel, Add	45.08	
			For High Strength Low Alloy A588 Steel, Add	100.19	
			For Each Additional Top Copes >2, Add	4.19	
			For Structural Tees, WT, MT Or ST, Deduct	-163.09	
			For Skewed Or Sloped Connections, Add	60.11	
05 12 23 00-0219	LF		W36 x 230 A992/A36 Structural Beam Or Girder	484.62	77.61
			For Hot Dip Galvanizing, Add	111.51	
			For High Strength Low Alloy A572-50 Steel, Add	43.62	
			For High Strength Low Alloy A588 Steel, Add	96.92	
			For Each Additional Top Copes >2, Add	4.02	
			For Structural Tees, WT, MT Or ST, Deduct	-157.20	
			For Skewed Or Sloped Connections, Add	58.15	
05 12 23 00-0220	LF		W36 x 210 A992/A36 Structural Beam Or Girder	460.30	87.54
			For Hot Dip Galvanizing, Add	101.81	
			For High Strength Low Alloy A572-50 Steel, Add	41.43	
			For High Strength Low Alloy A588 Steel, Add	92.06	
			For Each Additional Top Copes >2, Add	3.67	
			For Structural Tees, WT, MT Or ST, Deduct	-147.10	
			For Skewed Or Sloped Connections, Add	55.24	
05 12 23 00-0221	LF		W36 x 194 A992/A36 Structural Beam Or Girder	433.53	74.22
			For Hot Dip Galvanizing, Add	98.34	
			For High Strength Low Alloy A572-50 Steel, Add	39.02	
			For High Strength Low Alloy A588 Steel, Add	86.71	
			For Each Additional Top Copes >2, Add	3.54	
			For Structural Tees, WT, MT Or ST, Deduct	-139.86	
			For Skewed Or Sloped Connections, Add	52.02	
05 12 23 00-0222	LF		W36 x 182 A992/A36 Structural Beam Or Girder	411.03	73.68
			For Hot Dip Galvanizing, Add	92.25	
			For High Strength Low Alloy A572-50 Steel, Add	36.99	
			For High Strength Low Alloy A588 Steel, Add	82.21	
			For Each Additional Top Copes >2, Add	3.32	
			For Structural Tees, WT, MT Or ST, Deduct	-132.07	
			For Skewed Or Sloped Connections, Add	49.32	
05 12 23 00-0223	LF		W36 x 170 A992/A36 Structural Beam Or Girder	388.21	72.83
			For Hot Dip Galvanizing, Add	86.17	
			For High Strength Low Alloy A572-50 Steel, Add	34.94	
			For High Strength Low Alloy A588 Steel, Add	77.64	
			For Each Additional Top Copes >2, Add	3.11	
			For Structural Tees, WT, MT Or ST, Deduct	-124.22	
			For Skewed Or Sloped Connections, Add	46.59	
05 12 23 00-0224	LF		W36 x 160 A992/A36 Structural Beam Or Girder	382.62	84.74
			For Hot Dip Galvanizing, Add	81.10	
			For High Strength Low Alloy A572-50 Steel, Add	34.44	
			For High Strength Low Alloy A588 Steel, Add	76.52	
			For Each Additional Top Copes >2, Add	2.92	
			For Structural Tees, WT, MT Or ST, Deduct	-120.36	
			For Skewed Or Sloped Connections, Add	45.91	
05 12 23 00-0225	LF		W36 x 150 A992/A36 Structural Beam Or Girder	366.70	84.13
			For Hot Dip Galvanizing, Add	76.85	
			For High Strength Low Alloy A572-50 Steel, Add	33.00	
			For High Strength Low Alloy A588 Steel, Add	73.34	
			For Each Additional Top Copes >2, Add	2.77	
			For Structural Tees, WT, MT Or ST, Deduct	-114.88	
			For Skewed Or Sloped Connections, Add	44.00	
05 12 23 00-0226	LF		W36 x 135 A992/A36 Structural Beam Or Girder	344.42	83.40
			For Hot Dip Galvanizing, Add	70.91	
			For High Strength Low Alloy A572-50 Steel, Add	31.00	
			For High Strength Low Alloy A588 Steel, Add	68.88	
			For Each Additional Top Copes >2, Add	2.56	
			For Structural Tees, WT, MT Or ST, Deduct	-107.22	
			For Skewed Or Sloped Connections, Add	41.33	
05 12 23 00-0227	LF		W33 x 241 A992/A36 Structural Beam Or Girder	507.14	78.93
			For Hot Dip Galvanizing, Add	117.37	
			For High Strength Low Alloy A572-50 Steel, Add	45.64	
			For High Strength Low Alloy A588 Steel, Add	101.43	
			For Each Additional Top Copes >2, Add	4.23	
			For Structural Tees, WT, MT Or ST, Deduct	-164.87	
			For Skewed Or Sloped Connections, Add	60.86	
05 12 23 00-0228	LF		W33 x 221 A992/A36 Structural Beam Or Girder	469.98	76.99
			For Hot Dip Galvanizing, Add	107.63	
			For High Strength Low Alloy A572-50 Steel, Add	42.30	
			For High Strength Low Alloy A588 Steel, Add	94.00	
			For Each Additional Top Copes >2, Add	3.88	
			For Structural Tees, WT, MT Or ST, Deduct	-152.18	
			For Skewed Or Sloped Connections, Add	56.40	

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 12 23 00-0229	LF W33 x 201 A992/A36 Structural Beam Or Girder	445.56	86.93
	For Hot Dip Galvanizing, Add	97.89	
	For High Strength Low Alloy A572-50 Steel, Add	40.10	
	For High Strength Low Alloy A588 Steel, Add	89.11	
	For Each Additional Top Copes >2, Add	3.53	
	For Structural Tees, WT, MT Or ST, Deduct	-142.03	
	For Skewed Or Sloped Connections, Add	53.47	
05 12 23 00-0230	LF W33 x 170 A992/A36 Structural Beam Or Girder	399.74	85.35
	For Hot Dip Galvanizing, Add	85.68	
	For High Strength Low Alloy A572-50 Steel, Add	35.98	
	For High Strength Low Alloy A588 Steel, Add	79.95	
	For Each Additional Top Copes >2, Add	3.09	
	For Structural Tees, WT, MT Or ST, Deduct	-126.26	
	For Skewed Or Sloped Connections, Add	47.97	
05 12 23 00-0231	LF W33 x 152 A992/A36 Structural Beam Or Girder	362.86	72.60
	For Hot Dip Galvanizing, Add	79.20	
	For High Strength Low Alloy A572-50 Steel, Add	32.66	
	For High Strength Low Alloy A588 Steel, Add	72.57	
	For Each Additional Top Copes >2, Add	2.85	
	For Structural Tees, WT, MT Or ST, Deduct	-115.39	
	For Skewed Or Sloped Connections, Add	43.54	
05 12 23 00-0232	LF W33 x 141 A992/A36 Structural Beam Or Girder	354.02	83.64
	For Hot Dip Galvanizing, Add	73.47	
	For High Strength Low Alloy A572-50 Steel, Add	31.86	
	For High Strength Low Alloy A588 Steel, Add	70.80	
	For Each Additional Top Copes >2, Add	2.65	
	For Structural Tees, WT, MT Or ST, Deduct	-110.52	
	For Skewed Or Sloped Connections, Add	42.48	
05 12 23 00-0233	LF W33 x 130 A992/A36 Structural Beam Or Girder	336.01	83.02
	For Hot Dip Galvanizing, Add	68.68	
	For High Strength Low Alloy A572-50 Steel, Add	30.24	
	For High Strength Low Alloy A588 Steel, Add	67.20	
	For Each Additional Top Copes >2, Add	2.47	
	For Structural Tees, WT, MT Or ST, Deduct	-104.32	
	For Skewed Or Sloped Connections, Add	40.32	
05 12 23 00-0234	LF W33 x 118 A992/A36 Structural Beam Or Girder	315.04	82.29
	For Hot Dip Galvanizing, Add	63.06	
	For High Strength Low Alloy A572-50 Steel, Add	28.35	
	For High Strength Low Alloy A588 Steel, Add	63.01	
	For Each Additional Top Copes >2, Add	2.27	
	For Structural Tees, WT, MT Or ST, Deduct	-97.10	
	For Skewed Or Sloped Connections, Add	37.80	
05 12 23 00-0235	LF W30 x 211 A992/A36 Structural Beam Or Girder	450.40	76.84
	For Hot Dip Galvanizing, Add	102.24	
	For High Strength Low Alloy A572-50 Steel, Add	40.54	
	For High Strength Low Alloy A588 Steel, Add	90.08	
	For Each Additional Top Copes >2, Add	3.68	
	For Structural Tees, WT, MT Or ST, Deduct	-145.35	
	For Skewed Or Sloped Connections, Add	54.05	
05 12 23 00-0236	LF W30 x 191 A992/A36 Structural Beam Or Girder	425.70	86.32
	For Hot Dip Galvanizing, Add	92.55	
	For High Strength Low Alloy A572-50 Steel, Add	38.31	
	For High Strength Low Alloy A588 Steel, Add	85.14	
	For Each Additional Top Copes >2, Add	3.34	
	For Structural Tees, WT, MT Or ST, Deduct	-135.17	
	For Skewed Or Sloped Connections, Add	51.08	
05 12 23 00-0237	LF W30 x 173 A992/A36 Structural Beam Or Girder	389.56	73.34
	For Hot Dip Galvanizing, Add	86.40	
	For High Strength Low Alloy A572-50 Steel, Add	35.06	
	For High Strength Low Alloy A588 Steel, Add	77.91	
	For Each Additional Top Copes >2, Add	3.11	
	For Structural Tees, WT, MT Or ST, Deduct	-124.61	
	For Skewed Or Sloped Connections, Add	46.75	
05 12 23 00-0238	LF W30 x 154 A992/A36 Structural Beam Or Girder	367.00	84.25
	For Hot Dip Galvanizing, Add	76.91	
	For High Strength Low Alloy A572-50 Steel, Add	33.03	
	For High Strength Low Alloy A588 Steel, Add	73.40	
	For Each Additional Top Copes >2, Add	2.77	
	For Structural Tees, WT, MT Or ST, Deduct	-114.97	
	For Skewed Or Sloped Connections, Add	44.04	
05 12 23 00-0239	LF W30 x 132 A992/A36 Structural Beam Or Girder	326.69	70.75
	For Hot Dip Galvanizing, Add	69.71	
	For High Strength Low Alloy A572-50 Steel, Add	29.40	
	For High Strength Low Alloy A588 Steel, Add	65.34	
	For Each Additional Top Copes >2, Add	2.51	
	For Structural Tees, WT, MT Or ST, Deduct	-103.02	
	For Skewed Or Sloped Connections, Add	39.20	
05 12 23 00-0240	LF W30 x 124 A992/A36 Structural Beam Or Girder	311.43	70.71
	For Hot Dip Galvanizing, Add	65.49	
	For High Strength Low Alloy A572-50 Steel, Add	28.03	
	For High Strength Low Alloy A588 Steel, Add	62.29	
	For Each Additional Top Copes >2, Add	2.36	
	For Structural Tees, WT, MT Or ST, Deduct	-97.69	
	For Skewed Or Sloped Connections, Add	37.37	
05 12 23 00-0241	LF W30 x 116 A992/A36 Structural Beam Or Girder	308.44	82.17
	For Hot Dip Galvanizing, Add	61.26	
	For High Strength Low Alloy A572-50 Steel, Add	27.76	
	For High Strength Low Alloy A588 Steel, Add	61.69	
	For Each Additional Top Copes >2, Add	2.21	
	For Structural Tees, WT, MT Or ST, Deduct	-94.80	
	For Skewed Or Sloped Connections, Add	37.01	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0242	LF		W30 x 108 A992/A36 Structural Beam Or Girder	285.51	73.99
			For Hot Dip Galvanizing, Add	57.34	
			For High Strength Low Alloy A572-50 Steel, Add	25.70	
			For High Strength Low Alloy A588 Steel, Add	57.10	
			For Each Additional Top Copes >2, Add	2.07	
			For Structural Tees, WT, MT Or ST, Deduct	-88.10	
			For Skewed Or Sloped Connections, Add	34.26	
05 12 23 00-0243	LF		W30 x 99 A992/A36 Structural Beam Or Girder	272.65	73.62
			For Hot Dip Galvanizing, Add	53.91	
			For High Strength Low Alloy A572-50 Steel, Add	24.54	
			For High Strength Low Alloy A588 Steel, Add	54.53	
			For Each Additional Top Copes >2, Add	1.94	
			For Structural Tees, WT, MT Or ST, Deduct	-83.67	
			For Skewed Or Sloped Connections, Add	32.72	
05 12 23 00-0244	LF		W27 x 178 A992/A36 Structural Beam Or Girder	432.64	85.86
			For Hot Dip Galvanizing, Add	94.64	
			For High Strength Low Alloy A572-50 Steel, Add	38.94	
			For High Strength Low Alloy A588 Steel, Add	86.53	
			For Each Additional Top Copes >2, Add	3.41	
			For Structural Tees, WT, MT Or ST, Deduct	-137.69	
			For Skewed Or Sloped Connections, Add	51.92	
05 12 23 00-0245	LF		W27 x 161 A992/A36 Structural Beam Or Girder	396.62	82.63
			For Hot Dip Galvanizing, Add	85.60	
			For High Strength Low Alloy A572-50 Steel, Add	35.70	
			For High Strength Low Alloy A588 Steel, Add	79.32	
			For Each Additional Top Copes >2, Add	3.08	
			For Structural Tees, WT, MT Or ST, Deduct	-125.60	
			For Skewed Or Sloped Connections, Add	47.59	
05 12 23 00-0246	LF		W27 x 146 A992/A36 Structural Beam Or Girder	364.75	79.70
			For Hot Dip Galvanizing, Add	77.63	
			For High Strength Low Alloy A572-50 Steel, Add	32.83	
			For High Strength Low Alloy A588 Steel, Add	72.95	
			For Each Additional Top Copes >2, Add	2.80	
			For Structural Tees, WT, MT Or ST, Deduct	-114.91	
			For Skewed Or Sloped Connections, Add	43.77	
05 12 23 00-0247	LF		W27 x 114 A992/A36 Structural Beam Or Girder	289.05	66.21
			For Hot Dip Galvanizing, Add	60.61	
			For High Strength Low Alloy A572-50 Steel, Add	26.01	
			For High Strength Low Alloy A588 Steel, Add	57.81	
			For Each Additional Top Copes >2, Add	2.18	
			For Structural Tees, WT, MT Or ST, Deduct	-90.57	
			For Skewed Or Sloped Connections, Add	34.69	
05 12 23 00-0248	LF		W27 x 102 A992/A36 Structural Beam Or Girder	273.94	73.62
			For Hot Dip Galvanizing, Add	54.23	
			For High Strength Low Alloy A572-50 Steel, Add	24.65	
			For High Strength Low Alloy A588 Steel, Add	54.79	
			For Each Additional Top Copes >2, Add	1.95	
			For Structural Tees, WT, MT Or ST, Deduct	-84.10	
			For Skewed Or Sloped Connections, Add	32.87	
05 12 23 00-0249	LF		W27 x 94 A992/A36 Structural Beam Or Girder	261.86	73.13
			For Hot Dip Galvanizing, Add	51.02	
			For High Strength Low Alloy A572-50 Steel, Add	23.57	
			For High Strength Low Alloy A588 Steel, Add	52.37	
			For Each Additional Top Copes >2, Add	1.84	
			For Structural Tees, WT, MT Or ST, Deduct	-79.95	
			For Skewed Or Sloped Connections, Add	31.42	
05 12 23 00-0250	LF		W27 x 84 A992/A36 Structural Beam Or Girder	247.11	72.65
			For Hot Dip Galvanizing, Add	47.09	
			For High Strength Low Alloy A572-50 Steel, Add	22.24	
			For High Strength Low Alloy A588 Steel, Add	49.42	
			For Each Additional Top Copes >2, Add	1.70	
			For Structural Tees, WT, MT Or ST, Deduct	-74.88	
			For Skewed Or Sloped Connections, Add	29.65	
05 12 23 00-0251	LF		W24 x 162 A992/A36 Structural Beam Or Girder	382.04	79.22
			For Hot Dip Galvanizing, Add	82.57	
			For High Strength Low Alloy A572-50 Steel, Add	34.38	
			For High Strength Low Alloy A588 Steel, Add	76.41	
			For Each Additional Top Copes >2, Add	2.98	
			For Structural Tees, WT, MT Or ST, Deduct	-121.04	
			For Skewed Or Sloped Connections, Add	45.84	
05 12 23 00-0252	LF		W24 x 146 A992/A36 Structural Beam Or Girder	349.17	75.94
			For Hot Dip Galvanizing, Add	74.41	
			For High Strength Low Alloy A572-50 Steel, Add	31.43	
			For High Strength Low Alloy A588 Steel, Add	69.83	
			For Each Additional Top Copes >2, Add	2.68	
			For Structural Tees, WT, MT Or ST, Deduct	-110.06	
			For Skewed Or Sloped Connections, Add	41.90	
05 12 23 00-0253	LF		W24 x 131 A992/A36 Structural Beam Or Girder	317.93	72.50
			For Hot Dip Galvanizing, Add	66.77	
			For High Strength Low Alloy A572-50 Steel, Add	28.61	
			For High Strength Low Alloy A588 Steel, Add	63.59	
			For Each Additional Top Copes >2, Add	2.41	
			For Structural Tees, WT, MT Or ST, Deduct	-99.68	
			For Skewed Or Sloped Connections, Add	38.15	
05 12 23 00-0254	LF		W24 x 117 A992/A36 Structural Beam Or Girder	288.35	68.88
			For Hot Dip Galvanizing, Add	59.63	
			For High Strength Low Alloy A572-50 Steel, Add	25.95	
			For High Strength Low Alloy A588 Steel, Add	57.67	
			For Each Additional Top Copes >2, Add	2.15	
			For Structural Tees, WT, MT Or ST, Deduct	-89.90	
			For Skewed Or Sloped Connections, Add	34.60	

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0255	LF	W24 x 104 A992/A36 Structural Beam Or Girder	260.49	65.13
		For Hot Dip Galvanizing, Add	53.01	
		For High Strength Low Alloy A572-50 Steel, Add	23.44	
		For High Strength Low Alloy A588 Steel, Add	52.10	
		For Each Additional Top Copes >2, Add	1.91	
		For Structural Tees, WT, MT Or ST, Deduct	-80.75	
		For Skewed Or Sloped Connections, Add	31.26	
05 12 23 00-0256	LF	W24 x 94 A992/A36 Structural Beam Or Girder	250.67	73.13
		For Hot Dip Galvanizing, Add	47.91	
		For High Strength Low Alloy A572-50 Steel, Add	22.56	
		For High Strength Low Alloy A588 Steel, Add	50.13	
		For Each Additional Top Copes >2, Add	1.73	
		For Structural Tees, WT, MT Or ST, Deduct	-76.03	
		For Skewed Or Sloped Connections, Add	30.08	
05 12 23 00-0257	LF	W24 x 84 A992/A36 Structural Beam Or Girder	228.72	64.83
		For Hot Dip Galvanizing, Add	44.26	
		For High Strength Low Alloy A572-50 Steel, Add	20.58	
		For High Strength Low Alloy A588 Steel, Add	45.74	
		For Each Additional Top Copes >2, Add	1.59	
		For Structural Tees, WT, MT Or ST, Deduct	-69.67	
		For Skewed Or Sloped Connections, Add	27.45	
05 12 23 00-0258	LF	W24 x 76 A992/A36 Structural Beam Or Girder	217.43	64.34
		For Hot Dip Galvanizing, Add	41.26	
		For High Strength Low Alloy A572-50 Steel, Add	19.57	
		For High Strength Low Alloy A588 Steel, Add	43.49	
		For Each Additional Top Copes >2, Add	1.49	
		For Structural Tees, WT, MT Or ST, Deduct	-65.79	
		For Skewed Or Sloped Connections, Add	26.09	
05 12 23 00-0259	LF	W24 x 68 A992/A36 Structural Beam Or Girder	203.20	63.98
		For Hot Dip Galvanizing, Add	37.45	
		For High Strength Low Alloy A572-50 Steel, Add	18.29	
		For High Strength Low Alloy A588 Steel, Add	40.64	
		For Each Additional Top Copes >2, Add	1.35	
		For Structural Tees, WT, MT Or ST, Deduct	-60.88	
		For Skewed Or Sloped Connections, Add	24.38	
05 12 23 00-0260	LF	W24 x 62 A992/A36 Structural Beam Or Girder	195.76	63.61
		For Hot Dip Galvanizing, Add	35.48	
		For High Strength Low Alloy A572-50 Steel, Add	17.62	
		For High Strength Low Alloy A588 Steel, Add	39.15	
		For Each Additional Top Copes >2, Add	1.28	
		For Structural Tees, WT, MT Or ST, Deduct	-58.33	
		For Skewed Or Sloped Connections, Add	23.49	
05 12 23 00-0261	LF	W24 x 55 A992/A36 Structural Beam Or Girder	185.56	63.37
		For Hot Dip Galvanizing, Add	32.76	
		For High Strength Low Alloy A572-50 Steel, Add	16.70	
		For High Strength Low Alloy A588 Steel, Add	37.11	
		For Each Additional Top Copes >2, Add	1.18	
		For Structural Tees, WT, MT Or ST, Deduct	-54.82	
		For Skewed Or Sloped Connections, Add	22.27	
05 12 23 00-0262	LF	W21 x 147 A992/A36 Structural Beam Or Girder	334.63	65.14
		For Hot Dip Galvanizing, Add	73.58	
		For High Strength Low Alloy A572-50 Steel, Add	30.12	
		For High Strength Low Alloy A588 Steel, Add	66.93	
		For Each Additional Top Copes >2, Add	2.65	
		For Structural Tees, WT, MT Or ST, Deduct	-106.70	
		For Skewed Or Sloped Connections, Add	40.16	
05 12 23 00-0263	LF	W21 x 132 A992/A36 Structural Beam Or Girder	304.47	62.24
		For Hot Dip Galvanizing, Add	66.07	
		For High Strength Low Alloy A572-50 Steel, Add	27.40	
		For High Strength Low Alloy A588 Steel, Add	60.89	
		For Each Additional Top Copes >2, Add	2.38	
		For Structural Tees, WT, MT Or ST, Deduct	-96.61	
		For Skewed Or Sloped Connections, Add	36.54	
05 12 23 00-0264	LF	W21 x 122 A992/A36 Structural Beam Or Girder	285.31	61.19
		For Hot Dip Galvanizing, Add	61.06	
		For High Strength Low Alloy A572-50 Steel, Add	25.68	
		For High Strength Low Alloy A588 Steel, Add	57.06	
		For Each Additional Top Copes >2, Add	2.20	
		For Structural Tees, WT, MT Or ST, Deduct	-90.07	
		For Skewed Or Sloped Connections, Add	34.24	
05 12 23 00-0265	LF	W21 x 111 A992/A36 Structural Beam Or Girder	263.38	59.23
		For Hot Dip Galvanizing, Add	55.56	
		For High Strength Low Alloy A572-50 Steel, Add	23.70	
		For High Strength Low Alloy A588 Steel, Add	52.68	
		For Each Additional Top Copes >2, Add	2.00	
		For Structural Tees, WT, MT Or ST, Deduct	-82.71	
		For Skewed Or Sloped Connections, Add	31.61	
05 12 23 00-0266	LF	W21 x 101 A992/A36 Structural Beam Or Girder	243.32	57.33
		For Hot Dip Galvanizing, Add	50.55	
		For High Strength Low Alloy A572-50 Steel, Add	21.90	
		For High Strength Low Alloy A588 Steel, Add	48.66	
		For Each Additional Top Copes >2, Add	1.82	
		For Structural Tees, WT, MT Or ST, Deduct	-75.99	
		For Skewed Or Sloped Connections, Add	29.20	
05 12 23 00-0267	LF	W21 x 93 A992/A36 Structural Beam Or Girder	237.70	65.56
		For Hot Dip Galvanizing, Add	46.55	
		For High Strength Low Alloy A572-50 Steel, Add	21.39	
		For High Strength Low Alloy A588 Steel, Add	47.54	
		For Each Additional Top Copes >2, Add	1.68	
		For Structural Tees, WT, MT Or ST, Deduct	-72.70	
		For Skewed Or Sloped Connections, Add	28.52	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0268	LF			W21 x 83 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	224.40 43.06 20.20 44.88 1.55 -68.16 26.93	64.83
05 12 23 00-0269	LF			W21 x 73 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	208.08 38.70 18.73 41.62 1.39 -62.54 24.97	64.34
05 12 23 00-0270	LF			W21 x 68 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	199.86 36.52 17.99 39.97 1.32 -59.71 23.98	63.98
05 12 23 00-0271	LF			W21 x 62 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	192.42 34.56 17.32 38.48 1.25 -57.16 23.09	63.61
05 12 23 00-0272	LF			W21 x 57 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	185.70 32.76 16.71 37.14 1.18 -54.85 22.28	63.49
05 12 23 00-0273	LF			W21 x 50 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	164.72 29.38 14.82 32.94 1.06 -48.82 19.77	55.07
05 12 23 00-0274	LF			W21 x 44 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	156.89 27.31 14.12 31.38 0.98 -46.14 18.83	54.82
05 12 23 00-0275	LF			W18 x 119 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	277.34 58.91 24.96 55.47 2.12 -87.31 33.28	60.98
05 12 23 00-0276	LF			W18 x 106 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	250.74 52.48 22.57 50.15 1.89 -78.51 30.09	57.79
05 12 23 00-0277	LF			W18 x 97 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	243.13 48.02 21.88 48.63 1.73 -74.58 29.18	65.56
05 12 23 00-0278	LF			W18 x 86 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	227.86 43.99 20.51 45.57 1.59 -69.35 27.34	64.95
05 12 23 00-0279	LF			W18 x 76 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	214.09 40.33 19.27 42.82 1.45 -64.62 25.69	64.34
05 12 23 00-0280	LF			W18 x 71 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	204.03 37.61 18.36 40.81 1.36 -61.14 24.48	64.22

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 12 23 00-0281	LF W18 x 65 A992/A36 Structural Beam Or Girder	194.23	63.98
	For Hot Dip Galvanizing, Add	34.99	
	For High Strength Low Alloy A572-50 Steel, Add	17.48	
	For High Strength Low Alloy A588 Steel, Add	38.85	
	For Each Additional Top Copes >2, Add	1.26	
	For Structural Tees, WT, MT Or ST, Deduct	-57.76	
	For Skewed Or Sloped Connections, Add	23.31	
05 12 23 00-0282	LF W18 x 60 A992/A36 Structural Beam Or Girder	185.41	63.49
	For Hot Dip Galvanizing, Add	32.65	
	For High Strength Low Alloy A572-50 Steel, Add	16.69	
	For High Strength Low Alloy A588 Steel, Add	37.08	
	For Each Additional Top Copes >2, Add	1.18	
	For Structural Tees, WT, MT Or ST, Deduct	-54.73	
	For Skewed Or Sloped Connections, Add	22.25	
05 12 23 00-0283	LF W18 x 55 A992/A36 Structural Beam Or Girder	176.52	63.37
	For Hot Dip Galvanizing, Add	30.25	
	For High Strength Low Alloy A572-50 Steel, Add	15.89	
	For High Strength Low Alloy A588 Steel, Add	35.30	
	For Each Additional Top Copes >2, Add	1.09	
	For Structural Tees, WT, MT Or ST, Deduct	-51.66	
	For Skewed Or Sloped Connections, Add	21.18	
05 12 23 00-0284	LF W18 x 50 A992/A36 Structural Beam Or Girder	159.22	55.07
	For Hot Dip Galvanizing, Add	27.85	
	For High Strength Low Alloy A572-50 Steel, Add	14.33	
	For High Strength Low Alloy A588 Steel, Add	31.84	
	For Each Additional Top Copes >2, Add	1.00	
	For Structural Tees, WT, MT Or ST, Deduct	-46.90	
	For Skewed Or Sloped Connections, Add	19.11	
05 12 23 00-0285	LF W18 x 46 A992/A36 Structural Beam Or Girder	152.29	54.94
	For Hot Dip Galvanizing, Add	26.00	
	For High Strength Low Alloy A572-50 Steel, Add	13.71	
	For High Strength Low Alloy A588 Steel, Add	30.46	
	For Each Additional Top Copes >2, Add	0.94	
	For Structural Tees, WT, MT Or ST, Deduct	-44.51	
	For Skewed Or Sloped Connections, Add	18.27	
05 12 23 00-0286	LF W18 x 40 A992/A36 Structural Beam Or Girder	133.34	46.89
	For Hot Dip Galvanizing, Add	23.11	
	For High Strength Low Alloy A572-50 Steel, Add	12.00	
	For High Strength Low Alloy A588 Steel, Add	26.67	
	For Each Additional Top Copes >2, Add	0.83	
	For Structural Tees, WT, MT Or ST, Deduct	-39.16	
	For Skewed Or Sloped Connections, Add	16.00	
05 12 23 00-0287	LF W18 x 35 A992/A36 Structural Beam Or Girder	124.64	46.76
	For Hot Dip Galvanizing, Add	20.77	
	For High Strength Low Alloy A572-50 Steel, Add	11.22	
	For High Strength Low Alloy A588 Steel, Add	24.93	
	For Each Additional Top Copes >2, Add	0.75	
	For Structural Tees, WT, MT Or ST, Deduct	-36.15	
	For Skewed Or Sloped Connections, Add	14.96	
05 12 23 00-0288	LF W16 x 100 A992/A36 Structural Beam Or Girder	231.43	42.61
	For Hot Dip Galvanizing, Add	51.62	
	For High Strength Low Alloy A572-50 Steel, Add	20.83	
	For High Strength Low Alloy A588 Steel, Add	46.29	
	For Each Additional Top Copes >2, Add	1.86	
	For Structural Tees, WT, MT Or ST, Deduct	-74.19	
	For Skewed Or Sloped Connections, Add	27.77	
05 12 23 00-0289	LF W16 x 89 A992/A36 Structural Beam Or Girder	211.84	41.88
	For Hot Dip Galvanizing, Add	46.38	
	For High Strength Low Alloy A572-50 Steel, Add	19.07	
	For High Strength Low Alloy A588 Steel, Add	42.37	
	For Each Additional Top Copes >2, Add	1.67	
	For Structural Tees, WT, MT Or ST, Deduct	-67.44	
	For Skewed Or Sloped Connections, Add	25.42	
05 12 23 00-0290	LF W16 x 77 A992/A36 Structural Beam Or Girder	190.80	41.39
	For Hot Dip Galvanizing, Add	40.71	
	For High Strength Low Alloy A572-50 Steel, Add	17.17	
	For High Strength Low Alloy A588 Steel, Add	38.16	
	For Each Additional Top Copes >2, Add	1.47	
	For Structural Tees, WT, MT Or ST, Deduct	-60.17	
	For Skewed Or Sloped Connections, Add	22.90	
05 12 23 00-0291	LF W16 x 67 A992/A36 Structural Beam Or Girder	172.90	40.78
	For Hot Dip Galvanizing, Add	35.92	
	For High Strength Low Alloy A572-50 Steel, Add	15.56	
	For High Strength Low Alloy A588 Steel, Add	34.58	
	For Each Additional Top Copes >2, Add	1.29	
	For Structural Tees, WT, MT Or ST, Deduct	-54.00	
	For Skewed Or Sloped Connections, Add	20.75	
05 12 23 00-0292	LF W16 x 57 A992/A36 Structural Beam Or Girder	155.20	40.17
	For Hot Dip Galvanizing, Add	31.18	
	For High Strength Low Alloy A572-50 Steel, Add	13.97	
	For High Strength Low Alloy A588 Steel, Add	31.04	
	For Each Additional Top Copes >2, Add	1.12	
	For Structural Tees, WT, MT Or ST, Deduct	-47.89	
	For Skewed Or Sloped Connections, Add	18.62	
05 12 23 00-0293	LF W16 x 50 A992/A36 Structural Beam Or Girder	142.86	39.80
	For Hot Dip Galvanizing, Add	27.85	
	For High Strength Low Alloy A572-50 Steel, Add	12.86	
	For High Strength Low Alloy A588 Steel, Add	28.57	
	For Each Additional Top Copes >2, Add	1.00	
	For Structural Tees, WT, MT Or ST, Deduct	-43.63	
	For Skewed Or Sloped Connections, Add	17.14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0294	LF	W16 x 45	A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	134.16 25.51 12.07 26.83 0.92 -40.62 16.10	39.56
05 12 23 00-0295	LF	W16 x 40	A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	125.16 23.11 11.26 25.03 0.83 -37.52 15.02	39.19
05 12 23 00-0296	LF	W16 x 36	A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	118.11 21.26 10.63 23.62 0.77 -35.11 14.17	38.95
05 12 23 00-0297	LF	W16 x 31	A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	101.05 18.86 9.09 20.21 0.68 -30.40 12.13	31.01
05 12 23 00-0298	LF	W16 x 26	A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	89.70 15.81 8.07 17.94 0.57 -26.49 10.76	30.65
05 12 23 00-0299	LF	W14 x 99	A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	221.48 51.13 19.93 44.30 1.84 -71.93 26.58	34.92
05 12 23 00-0300	LF	W14 x 90	A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	205.54 46.88 18.50 41.11 1.69 -66.45 24.66	34.31
05 12 23 00-0301	LF	W14 x 82	A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	191.32 43.06 17.22 38.26 1.55 -61.54 22.96	33.94
05 12 23 00-0302	LF	W14 x 74	A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	177.09 39.24 15.94 35.42 1.41 -56.63 21.25	33.45
05 12 23 00-0303	LF	W14 x 68	A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	166.49 36.41 14.98 33.30 1.31 -52.98 19.98	33.09
05 12 23 00-0304	LF	W14 x 61	A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	154.14 33.08 13.87 30.83 1.19 -48.71 18.50	32.72
05 12 23 00-0305	LF	W14 x 53	A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	140.10 29.32 12.61 28.02 1.06 -43.87 16.81	32.23
05 12 23 00-0306	LF	W14 x 48	A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	131.09 26.93 11.80 26.22 0.97 -40.77 15.73	31.87

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 12 23 00-0307	LF W14 x 43 A992/A36 Structural Beam Or Girder	122.21	31.75
	For Hot Dip Galvanizing, Add	24.53	
	For High Strength Low Alloy A572-50 Steel, Add	11.00	
	For High Strength Low Alloy A588 Steel, Add	24.44	
	For Each Additional Top Copes >2, Add	0.88	
	For Structural Tees, WT, MT Or ST, Deduct	-37.70	
	For Skewed Or Sloped Connections, Add	14.67	
05 12 23 00-0308	LF W14 x 38 A992/A36 Structural Beam Or Girder	113.39	31.50
	For Hot Dip Galvanizing, Add	22.18	
	For High Strength Low Alloy A572-50 Steel, Add	10.21	
	For High Strength Low Alloy A588 Steel, Add	22.68	
	For Each Additional Top Copes >2, Add	0.80	
	For Structural Tees, WT, MT Or ST, Deduct	-34.67	
	For Skewed Or Sloped Connections, Add	13.61	
05 12 23 00-0309	LF W14 x 34 A992/A36 Structural Beam Or Girder	106.28	31.14
	For Hot Dip Galvanizing, Add	20.28	
	For High Strength Low Alloy A572-50 Steel, Add	9.57	
	For High Strength Low Alloy A588 Steel, Add	21.26	
	For Each Additional Top Copes >2, Add	0.73	
	For Structural Tees, WT, MT Or ST, Deduct	-32.22	
	For Skewed Or Sloped Connections, Add	12.75	
05 12 23 00-0310	LF W14 x 30 A992/A36 Structural Beam Or Girder	99.15	31.01
	For Hot Dip Galvanizing, Add	18.37	
	For High Strength Low Alloy A572-50 Steel, Add	8.92	
	For High Strength Low Alloy A588 Steel, Add	19.83	
	For Each Additional Top Copes >2, Add	0.66	
	For Structural Tees, WT, MT Or ST, Deduct	-29.76	
	For Skewed Or Sloped Connections, Add	11.90	
05 12 23 00-0311	LF W14 x 26 A992/A36 Structural Beam Or Girder	92.04	30.65
	For Hot Dip Galvanizing, Add	16.46	
	For High Strength Low Alloy A572-50 Steel, Add	8.28	
	For High Strength Low Alloy A588 Steel, Add	18.41	
	For Each Additional Top Copes >2, Add	0.59	
	For Structural Tees, WT, MT Or ST, Deduct	-27.31	
	For Skewed Or Sloped Connections, Add	11.04	
05 12 23 00-0312	LF W14 x 22 A992/A36 Structural Beam Or Girder	85.12	30.53
	For Hot Dip Galvanizing, Add	14.61	
	For High Strength Low Alloy A572-50 Steel, Add	7.66	
	For High Strength Low Alloy A588 Steel, Add	17.02	
	For Each Additional Top Copes >2, Add	0.53	
	For Structural Tees, WT, MT Or ST, Deduct	-24.92	
	For Skewed Or Sloped Connections, Add	10.21	
05 12 23 00-0313	LF W12 x 87 A992/A36 Structural Beam Or Girder	200.32	34.18
	For Hot Dip Galvanizing, Add	45.46	
	For High Strength Low Alloy A572-50 Steel, Add	18.03	
	For High Strength Low Alloy A588 Steel, Add	40.06	
	For Each Additional Top Copes >2, Add	1.64	
	For Structural Tees, WT, MT Or ST, Deduct	-64.64	
	For Skewed Or Sloped Connections, Add	24.04	
05 12 23 00-0314	LF W12 x 79 A992/A36 Structural Beam Or Girder	186.08	33.70
	For Hot Dip Galvanizing, Add	41.64	
	For High Strength Low Alloy A572-50 Steel, Add	16.75	
	For High Strength Low Alloy A588 Steel, Add	37.22	
	For Each Additional Top Copes >2, Add	1.50	
	For Structural Tees, WT, MT Or ST, Deduct	-59.73	
	For Skewed Or Sloped Connections, Add	22.33	
05 12 23 00-0315	LF W12 x 72 A992/A36 Structural Beam Or Girder	173.61	33.33
	For Hot Dip Galvanizing, Add	38.32	
	For High Strength Low Alloy A572-50 Steel, Add	15.62	
	For High Strength Low Alloy A588 Steel, Add	34.72	
	For Each Additional Top Copes >2, Add	1.38	
	For Structural Tees, WT, MT Or ST, Deduct	-55.43	
	For Skewed Or Sloped Connections, Add	20.83	
05 12 23 00-0316	LF W12 x 65 A992/A36 Structural Beam Or Girder	161.26	32.96
	For Hot Dip Galvanizing, Add	34.99	
	For High Strength Low Alloy A572-50 Steel, Add	14.51	
	For High Strength Low Alloy A588 Steel, Add	32.25	
	For Each Additional Top Copes >2, Add	1.26	
	For Structural Tees, WT, MT Or ST, Deduct	-51.17	
	For Skewed Or Sloped Connections, Add	19.35	
05 12 23 00-0317	LF W12 x 58 A992/A36 Structural Beam Or Girder	148.79	32.48
	For Hot Dip Galvanizing, Add	31.67	
	For High Strength Low Alloy A572-50 Steel, Add	13.39	
	For High Strength Low Alloy A588 Steel, Add	29.76	
	For Each Additional Top Copes >2, Add	1.14	
	For Structural Tees, WT, MT Or ST, Deduct	-46.88	
	For Skewed Or Sloped Connections, Add	17.85	
05 12 23 00-0318	LF W12 x 53 A992/A36 Structural Beam Or Girder	140.10	32.23
	For Hot Dip Galvanizing, Add	29.32	
	For High Strength Low Alloy A572-50 Steel, Add	12.61	
	For High Strength Low Alloy A588 Steel, Add	28.02	
	For Each Additional Top Copes >2, Add	1.06	
	For Structural Tees, WT, MT Or ST, Deduct	-43.87	
	For Skewed Or Sloped Connections, Add	16.81	
05 12 23 00-0319	LF W12 x 50 A992/A36 Structural Beam Or Girder	134.55	32.11
	For Hot Dip Galvanizing, Add	27.85	
	For High Strength Low Alloy A572-50 Steel, Add	12.11	
	For High Strength Low Alloy A588 Steel, Add	26.91	
	For Each Additional Top Copes >2, Add	1.00	
	For Structural Tees, WT, MT Or ST, Deduct	-41.97	
	For Skewed Or Sloped Connections, Add	16.15	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0320 LF W12 x 45 A992/A36 Structural Beam Or Girder	125.86	31.87
For Hot Dip Galvanizing, Add	25.51	
For High Strength Low Alloy A572-50 Steel, Add	11.33	
For High Strength Low Alloy A588 Steel, Add	25.17	
For Each Additional Top Copes >2, Add	0.92	
For Structural Tees, WT, MT Or ST, Deduct	-38.96	
For Skewed Or Sloped Connections, Add	15.10	
05 12 23 00-0321 LF W12 x 40 A992/A36 Structural Beam Or Girder	108.55	23.69
For Hot Dip Galvanizing, Add	23.11	
For High Strength Low Alloy A572-50 Steel, Add	9.77	
For High Strength Low Alloy A588 Steel, Add	21.71	
For Each Additional Top Copes >2, Add	0.83	
For Structural Tees, WT, MT Or ST, Deduct	-34.20	
For Skewed Or Sloped Connections, Add	13.03	
05 12 23 00-0322 LF W12 x 35 A992/A36 Structural Beam Or Girder	99.86	23.57
For Hot Dip Galvanizing, Add	20.77	
For High Strength Low Alloy A572-50 Steel, Add	8.99	
For High Strength Low Alloy A588 Steel, Add	19.97	
For Each Additional Top Copes >2, Add	0.75	
For Structural Tees, WT, MT Or ST, Deduct	-31.20	
For Skewed Or Sloped Connections, Add	11.98	
05 12 23 00-0323 LF W12 x 30 A992/A36 Structural Beam Or Girder	90.85	23.20
For Hot Dip Galvanizing, Add	18.37	
For High Strength Low Alloy A572-50 Steel, Add	8.18	
For High Strength Low Alloy A588 Steel, Add	18.17	
For Each Additional Top Copes >2, Add	0.66	
For Structural Tees, WT, MT Or ST, Deduct	-28.10	
For Skewed Or Sloped Connections, Add	10.90	
05 12 23 00-0324 LF W12 x 26 A992/A36 Structural Beam Or Girder	83.74	22.96
For Hot Dip Galvanizing, Add	16.46	
For High Strength Low Alloy A572-50 Steel, Add	7.54	
For High Strength Low Alloy A588 Steel, Add	16.75	
For Each Additional Top Copes >2, Add	0.59	
For Structural Tees, WT, MT Or ST, Deduct	-25.65	
For Skewed Or Sloped Connections, Add	10.05	
05 12 23 00-0325 LF W12 x 22 A992/A36 Structural Beam Or Girder	76.81	22.71
For Hot Dip Galvanizing, Add	14.61	
For High Strength Low Alloy A572-50 Steel, Add	6.91	
For High Strength Low Alloy A588 Steel, Add	15.36	
For Each Additional Top Copes >2, Add	0.53	
For Structural Tees, WT, MT Or ST, Deduct	-23.26	
For Skewed Or Sloped Connections, Add	9.22	
05 12 23 00-0326 LF W12 x 19 A992/A36 Structural Beam Or Girder	71.39	22.59
For Hot Dip Galvanizing, Add	13.14	
For High Strength Low Alloy A572-50 Steel, Add	6.43	
For High Strength Low Alloy A588 Steel, Add	14.28	
For Each Additional Top Copes >2, Add	0.47	
For Structural Tees, WT, MT Or ST, Deduct	-21.38	
For Skewed Or Sloped Connections, Add	8.57	
05 12 23 00-0327 LF W12 x 16 A992/A36 Structural Beam Or Girder	66.04	22.22
For Hot Dip Galvanizing, Add	11.72	
For High Strength Low Alloy A572-50 Steel, Add	5.94	
For High Strength Low Alloy A588 Steel, Add	13.21	
For Each Additional Top Copes >2, Add	0.42	
For Structural Tees, WT, MT Or ST, Deduct	-19.54	
For Skewed Or Sloped Connections, Add	7.92	
05 12 23 00-0328 LF W12 x 14 A992/A36 Structural Beam Or Girder	62.58	22.22
For Hot Dip Galvanizing, Add	10.79	
For High Strength Low Alloy A572-50 Steel, Add	5.63	
For High Strength Low Alloy A588 Steel, Add	12.52	
For Each Additional Top Copes >2, Add	0.39	
For Structural Tees, WT, MT Or ST, Deduct	-18.35	
For Skewed Or Sloped Connections, Add	7.51	
05 12 23 00-0329 LF W10 x 68 A992/A36 Structural Beam Or Girder	158.70	25.52
For Hot Dip Galvanizing, Add	36.52	
For High Strength Low Alloy A572-50 Steel, Add	14.28	
For High Strength Low Alloy A588 Steel, Add	31.74	
For Each Additional Top Copes >2, Add	1.32	
For Structural Tees, WT, MT Or ST, Deduct	-51.48	
For Skewed Or Sloped Connections, Add	19.04	
05 12 23 00-0330 LF W10 x 60 A992/A36 Structural Beam Or Girder	144.66	25.03
For Hot Dip Galvanizing, Add	32.76	
For High Strength Low Alloy A572-50 Steel, Add	13.02	
For High Strength Low Alloy A588 Steel, Add	28.93	
For Each Additional Top Copes >2, Add	1.18	
For Structural Tees, WT, MT Or ST, Deduct	-46.64	
For Skewed Or Sloped Connections, Add	17.36	
05 12 23 00-0331 LF W10 x 54 A992/A36 Structural Beam Or Girder	133.89	24.54
For Hot Dip Galvanizing, Add	29.87	
For High Strength Low Alloy A572-50 Steel, Add	12.05	
For High Strength Low Alloy A588 Steel, Add	26.78	
For Each Additional Top Copes >2, Add	1.08	
For Structural Tees, WT, MT Or ST, Deduct	-42.92	
For Skewed Or Sloped Connections, Add	16.07	
05 12 23 00-0332 LF W10 x 49 A992/A36 Structural Beam Or Girder	125.07	24.30
For Hot Dip Galvanizing, Add	27.53	
For High Strength Low Alloy A572-50 Steel, Add	11.26	
For High Strength Low Alloy A588 Steel, Add	25.01	
For Each Additional Top Copes >2, Add	0.99	
For Structural Tees, WT, MT Or ST, Deduct	-39.89	
For Skewed Or Sloped Connections, Add	15.01	

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0333	LF	W10 x 45 A992/A36 Structural Beam Or Girder	117.96	24.17
		For Hot Dip Galvanizing, Add	25.62	
		For High Strength Low Alloy A572-50 Steel, Add	10.62	
		For High Strength Low Alloy A588 Steel, Add	23.59	
		For Each Additional Top Copes >2, Add	0.92	
		For Structural Tees, WT, MT Or ST, Deduct	-37.44	
		For Skewed Or Sloped Connections, Add	14.16	
05 12 23 00-0334	LF	W10 x 39 A992/A36 Structural Beam Or Girder	107.37	23.69
		For Hot Dip Galvanizing, Add	22.78	
		For High Strength Low Alloy A572-50 Steel, Add	9.66	
		For High Strength Low Alloy A588 Steel, Add	21.47	
		For Each Additional Top Copes >2, Add	0.82	
		For Structural Tees, WT, MT Or ST, Deduct	-33.79	
		For Skewed Or Sloped Connections, Add	12.88	
05 12 23 00-0335	LF	W10 x 33 A992/A36 Structural Beam Or Girder	96.80	23.32
		For Hot Dip Galvanizing, Add	19.95	
		For High Strength Low Alloy A572-50 Steel, Add	8.71	
		For High Strength Low Alloy A588 Steel, Add	19.36	
		For Each Additional Top Copes >2, Add	0.72	
		For Structural Tees, WT, MT Or ST, Deduct	-30.14	
		For Skewed Or Sloped Connections, Add	11.62	
05 12 23 00-0336	LF	W10 x 30 A992/A36 Structural Beam Or Girder	91.36	23.20
		For Hot Dip Galvanizing, Add	18.48	
		For High Strength Low Alloy A572-50 Steel, Add	8.22	
		For High Strength Low Alloy A588 Steel, Add	18.27	
		For Each Additional Top Copes >2, Add	0.67	
		For Structural Tees, WT, MT Or ST, Deduct	-28.26	
		For Skewed Or Sloped Connections, Add	10.96	
05 12 23 00-0337	LF	W10 x 26 A992/A36 Structural Beam Or Girder	84.45	23.08
		For Hot Dip Galvanizing, Add	16.63	
		For High Strength Low Alloy A572-50 Steel, Add	7.60	
		For High Strength Low Alloy A588 Steel, Add	16.89	
		For Each Additional Top Copes >2, Add	0.60	
		For Structural Tees, WT, MT Or ST, Deduct	-25.88	
		For Skewed Or Sloped Connections, Add	10.13	
05 12 23 00-0338	LF	W10 x 22 A992/A36 Structural Beam Or Girder	77.20	22.71
		For Hot Dip Galvanizing, Add	14.72	
		For High Strength Low Alloy A572-50 Steel, Add	6.95	
		For High Strength Low Alloy A588 Steel, Add	15.44	
		For Each Additional Top Copes >2, Add	0.53	
		For Structural Tees, WT, MT Or ST, Deduct	-23.39	
		For Skewed Or Sloped Connections, Add	9.26	
05 12 23 00-0339	LF	W10 x 19 A992/A36 Structural Beam Or Girder	71.98	22.59
		For Hot Dip Galvanizing, Add	13.30	
		For High Strength Low Alloy A572-50 Steel, Add	6.48	
		For High Strength Low Alloy A588 Steel, Add	14.40	
		For Each Additional Top Copes >2, Add	0.48	
		For Structural Tees, WT, MT Or ST, Deduct	-21.59	
		For Skewed Or Sloped Connections, Add	8.64	
05 12 23 00-0340	LF	W10 x 17 A992/A36 Structural Beam Or Girder	68.32	22.47
		For Hot Dip Galvanizing, Add	12.32	
		For High Strength Low Alloy A572-50 Steel, Add	6.15	
		For High Strength Low Alloy A588 Steel, Add	13.66	
		For Each Additional Top Copes >2, Add	0.44	
		For Structural Tees, WT, MT Or ST, Deduct	-20.32	
		For Skewed Or Sloped Connections, Add	8.20	
05 12 23 00-0341	LF	W10 x 15 A992/A36 Structural Beam Or Girder	64.86	22.22
		For Hot Dip Galvanizing, Add	11.39	
		For High Strength Low Alloy A572-50 Steel, Add	5.84	
		For High Strength Low Alloy A588 Steel, Add	12.97	
		For Each Additional Top Copes >2, Add	0.41	
		For Structural Tees, WT, MT Or ST, Deduct	-19.13	
		For Skewed Or Sloped Connections, Add	7.78	
05 12 23 00-0342	LF	W10 x 12 A992/A36 Structural Beam Or Girder	59.63	22.22
		For Hot Dip Galvanizing, Add	9.97	
		For High Strength Low Alloy A572-50 Steel, Add	5.37	
		For High Strength Low Alloy A588 Steel, Add	11.93	
		For Each Additional Top Copes >2, Add	0.36	
		For Structural Tees, WT, MT Or ST, Deduct	-17.32	
		For Skewed Or Sloped Connections, Add	7.16	
05 12 23 00-0343	LF	W8 x 35 A992/A36 Structural Beam Or Girder	100.26	23.57
		For Hot Dip Galvanizing, Add	20.88	
		For High Strength Low Alloy A572-50 Steel, Add	9.02	
		For High Strength Low Alloy A588 Steel, Add	20.05	
		For Each Additional Top Copes >2, Add	0.75	
		For Structural Tees, WT, MT Or ST, Deduct	-31.34	
		For Skewed Or Sloped Connections, Add	12.03	
05 12 23 00-0344	LF	W8 x 31 A992/A36 Structural Beam Or Girder	93.13	23.20
		For Hot Dip Galvanizing, Add	18.97	
		For High Strength Low Alloy A572-50 Steel, Add	8.38	
		For High Strength Low Alloy A588 Steel, Add	18.63	
		For Each Additional Top Copes >2, Add	0.68	
		For Structural Tees, WT, MT Or ST, Deduct	-28.88	
		For Skewed Or Sloped Connections, Add	11.18	
05 12 23 00-0345	LF	W8 x 28 A992/A36 Structural Beam Or Girder	92.75	21.86
		For Hot Dip Galvanizing, Add	19.27	
		For High Strength Low Alloy A572-50 Steel, Add	8.35	
		For High Strength Low Alloy A588 Steel, Add	18.55	
		For Each Additional Top Copes >2, Add	0.69	
		For Structural Tees, WT, MT Or ST, Deduct	-28.96	
		For Skewed Or Sloped Connections, Add	11.13	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0346	LF			W8 x 24 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	84.42 17.36 7.60 16.88 0.63 -26.27 10.13	20.52
05 12 23 00-0347	LF			W8 x 21 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	78.54 16.14 7.07 15.71 0.58 -24.43 9.42	19.04
05 12 23 00-0348	LF			W8 x 18 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	68.43 13.74 6.16 13.69 0.50 -21.11 8.21	17.70
05 12 23 00-0349	LF			W8 x 10 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	37.51 6.68 3.38 7.50 0.24 -11.11 4.50	12.70
05 12 23 00-0350	LF			W6 x 9 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	34.75 6.60 3.13 6.95 0.24 -10.52 4.17	10.38
05 12 23 00-0351 A992/A36 Structural Steel, M Shapes <small>(05 12 23 00-0133)</small>						
Note: Includes material delivery and erection.						
05 12 23 00-0352	LF			M14 x 18 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	66.58 13.73 5.99 13.32	16.07
05 12 23 00-0353	LF			M12 x 11.8 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	47.58 9.00 4.28 9.52	14.21
05 12 23 00-0354	LF			M10 x 9 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	36.89 6.86 3.32 7.38	11.41
05 12 23 00-0355	LF			M8 x 6.5 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	26.64 4.96 2.40 5.33	8.23
05 12 23 00-0356	LF			M6 x 20 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	75.71 15.25 6.81 15.14	19.65
05 12 23 00-0357	LF			M6 x 4.4 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	18.02 3.35 1.62 3.60	5.57
05 12 23 00-0358	LF			M5 x 18.9 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	72.84 14.39 6.56 14.57	19.65
05 12 23 00-0359	LF			M4 x 13 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	59.61 10.85 5.36 11.92	19.29
05 12 23 00-0360 A992/A36 Structural Steel, S Shapes <small>(05 12 23 00-0133)</small>						
Note: Includes material delivery and erection.						
05 12 23 00-0361	LF			S24 x 121 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	401.72 87.40 36.15 80.34	81.38
05 12 23 00-0362	LF			S24 x 106 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	355.92 76.57 32.03 71.18	75.05
05 12 23 00-0363	LF			S24 x 100 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	339.74 72.23 30.58 67.95	74.52
05 12 23 00-0364	LF			S24 x 90 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	309.53 65.01 27.86 61.91	70.60

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 12 23 00-0365	LF S24 x 80 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	278.65 57.78 25.08 55.73	66.07
05 12 23 00-0366	LF S20 x 96 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	326.16 69.34 29.35 65.23	71.54
05 12 23 00-0367	LF S20 x 86 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	295.78 62.12 26.62 59.16	67.47
05 12 23 00-0368	LF S20 x 75 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	261.24 54.17 23.51 52.25	61.94
05 12 23 00-0369	LF S20 x 66 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	232.95 47.67 20.97 46.59	57.36
05 12 23 00-0370	LF S18 x 70 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	247.07 50.56 22.24 49.41	60.85
05 12 23 00-0371	LF S18 x 54.7 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	195.74 39.51 17.62 39.15	50.04
05 12 23 00-0372	LF S15 x 50 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	181.49 36.12 16.33 36.30	48.15
05 12 23 00-0373	LF S15 x 42.9 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	158.03 30.99 14.22 31.61	43.49
05 12 23 00-0374	LF S12 x 50 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	178.93 36.12 16.10 35.79	45.75
05 12 23 00-0375	LF S12 x 40.8 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	148.09 29.47 13.33 29.62	39.30
05 12 23 00-0376	LF S12 x 35 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	128.92 25.28 11.60 25.78	35.48
05 12 23 00-0377	LF S12 x 31.8 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	118.96 22.97 10.71 23.79	33.93
05 12 23 00-0378	LF S10 x 35 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	130.93 25.28 11.78 26.19	37.36
05 12 23 00-0379	LF S10 x 25.4 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	96.53 18.35 8.69 19.31	28.53
05 12 23 00-0380	LF S8 x 23 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	87.42 16.61 7.87 17.48	25.83
05 12 23 00-0381	LF S8 x 18.4 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	71.09 13.29 6.40 14.22	21.76
05 12 23 00-0382	LF S7 x 20 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	77.27 14.45 6.95 15.45	23.65
05 12 23 00-0383	LF S7 x 15.3 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	60.13 11.05 5.41 12.03	19.05
05 12 23 00-0384	LF S6 x 17.25 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	66.88 12.46 6.02 13.38	20.61
05 12 23 00-0385	LF S6 x 12.5 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	57.21 10.22 5.15 11.44	19.04
05 12 23 00-0386	LF S5 x 14.75 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	61.02 11.21 5.49 12.20	19.41

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 12 23 00-0387	LF	S5 x 10	A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	51.60 8.69 4.64 10.32	18.92
05 12 23 00-0388	LF	S4 x 9.5	A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	50.15 8.29 4.51 10.03	18.92
05 12 23 00-0389	LF	S4 x 7.7	A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	46.80 7.40 4.21 9.36	18.92
05 12 23 00-0390	LF	S3 x 7.5	A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	46.48 7.31 4.18 9.30	18.92
05 12 23 00-0391	LF	S3 x 5.7	A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	42.48 6.23 3.82 8.50	18.80
05 12 23 00-0392	A992/A36 Structural Steel, HP Shapes (05 12 23 00-0133)				
Note: Includes material delivery and erection.					
05 12 23 00-0393	LF	HP14 x 117	A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	249.39 62.07 22.45 49.88	24.11
05 12 23 00-0394	LF	HP14 x 102	A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	218.12 53.89 19.63 43.62	22.43
05 12 23 00-0395	LF	HP14 x 89	A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	194.25 47.68 17.48 38.85	21.04
05 12 23 00-0396	LF	HP14 x 73	A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	160.65 38.71 14.46 32.13	19.83
05 12 23 00-0397	LF	HP13 x 100	A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	213.85 52.84 19.25 42.77	22.00
05 12 23 00-0398	LF	HP13 x 87	A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	189.90 46.61 17.09 37.98	20.58
05 12 23 00-0399	LF	HP13 x 73	A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	160.65 38.71 14.46 32.13	19.83
05 12 23 00-0400	LF	HP13 x 60	A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	135.95 32.10 12.24 27.19	19.01
05 12 23 00-0401	LF	HP12 x 84	A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	178.98 43.25 16.11 35.80	21.70
05 12 23 00-0402	LF	HP12 x 74	A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	158.03 37.80 14.22 31.61	20.46
05 12 23 00-0403	LF	HP12 x 63	A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	135.95 32.16 12.24 27.19	18.81
05 12 23 00-0404	LF	HP12 x 53	A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	124.60 29.28 11.21 24.92	17.89
05 12 23 00-0405	LF	HP10 x 57	A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	131.30 31.01 11.82 26.26	18.36
05 12 23 00-0406	LF	HP10 x 42	A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	108.06 24.89 9.73 21.61	17.21
05 12 23 00-0407	LF	HP8 x 36	A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	93.86 21.25 8.45 18.77	16.22

05 12 23 00-0408	Lightweight Framing Steel Shapes	(05 12 23)	Note: Includes cutting to length. Excludes fasteners or welds. When used with structural steel shapes by TON, connecting bolts or welds are considered included with structural steel tasks by TON.
05 12 23 00-0409	Angle Iron - L	(05 12 23 00-0408)	

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0410	1/8" Thick (05 12 23 00-0409)		
05 12 23 00-0411	LF 1/2" x 1/2" x 1/8" Thick, Plain Steel Angle Iron.....	2.77	1.64
	For >100 To 250, Deduct	-0.17	
	For >250 To 500, Deduct	-0.23	
	For >500 To 1,000, Deduct	-0.36	
	For >1,000, Deduct	-0.48	
	For Galvanized Steel, Add	0.35	
	For 304 Stainless Steel, Add	1.62	
	For High Strength Steel (HSS), Add	0.55	
05 12 23 00-0412	LF 3/4" x 1/2" x 1/8" Thick, Plain Steel Angle Iron.....	3.22	1.86
	For >100 To 250, Deduct	-0.19	
	For >250 To 500, Deduct	-0.27	
	For >500 To 1,000, Deduct	-0.41	
	For >1,000, Deduct	-0.55	
	For Galvanized Steel, Add	0.45	
	For 304 Stainless Steel, Add	2.08	
	For High Strength Steel (HSS), Add	0.64	
05 12 23 00-0413	LF 3/4" x 3/4" x 1/8" Thick, Plain Steel Angle Iron.....	3.63	2.06
	For >100 To 250, Deduct	-0.21	
	For >250 To 500, Deduct	-0.30	
	For >500 To 1,000, Deduct	-0.46	
	For >1,000, Deduct	-0.61	
	For Galvanized Steel, Add	0.55	
	For 304 Stainless Steel, Add	2.54	
	For High Strength Steel (HSS), Add	0.73	
05 12 23 00-0414	LF 1" x 3/4" x 1/8" Thick, Plain Steel Angle Iron.....	4.09	2.29
	For >100 To 250, Deduct	-0.23	
	For >250 To 500, Deduct	-0.33	
	For >500 To 1,000, Deduct	-0.51	
	For >1,000, Deduct	-0.69	
	For Galvanized Steel, Add	0.64	
	For 304 Stainless Steel, Add	2.96	
	For High Strength Steel (HSS), Add	0.82	
05 12 23 00-0415	LF 1" x 1" x 1/8" Thick, Plain Steel Angle Iron.....	4.51	2.47
	For >100 To 250, Deduct	-0.25	
	For >250 To 500, Deduct	-0.36	
	For >500 To 1,000, Deduct	-0.56	
	For >1,000, Deduct	-0.75	
	For Galvanized Steel, Add	0.75	
	For 304 Stainless Steel, Add	3.45	
	For High Strength Steel (HSS), Add	0.90	
05 12 23 00-0416	LF 1-1/4" x 1-1/4" x 1/8" Thick, Plain Steel Angle Iron.....	5.41	2.91
	For >100 To 250, Deduct	-0.29	
	For >250 To 500, Deduct	-0.43	
	For >500 To 1,000, Deduct	-0.66	
	For >1,000, Deduct	-0.89	
	For Galvanized Steel, Add	0.95	
	For 304 Stainless Steel, Add	4.36	
	For High Strength Steel (HSS), Add	1.08	
05 12 23 00-0417	LF 1-1/2" x 1" x 1/8" Thick, Plain Steel Angle Iron.....	5.41	2.91
	For >100 To 250, Deduct	-0.29	
	For >250 To 500, Deduct	-0.43	
	For >500 To 1,000, Deduct	-0.66	
	For >1,000, Deduct	-0.89	
	For Galvanized Steel, Add	0.95	
	For 304 Stainless Steel, Add	4.36	
	For High Strength Steel (HSS), Add	1.08	
05 12 23 00-0418	LF 1-1/2" x 1-1/2" x 1/8" Thick, Plain Steel Angle Iron.....	6.48	3.48
	For >100 To 250, Deduct	-0.35	
	For >250 To 500, Deduct	-0.51	
	For >500 To 1,000, Deduct	-0.79	
	For >1,000, Deduct	-1.07	
	For Galvanized Steel, Add	1.14	
	For 304 Stainless Steel, Add	5.24	
	For High Strength Steel (HSS), Add	1.30	
05 12 23 00-0419	LF 2" x 2" x 1/8" Thick, Plain Steel Angle Iron.....	8.81	4.73
	For >100 To 250, Deduct	-0.47	
	For >250 To 500, Deduct	-0.69	
	For >500 To 1,000, Deduct	-1.07	
	For >1,000, Deduct	-1.45	
	For Galvanized Steel, Add	1.55	
	For 304 Stainless Steel, Add	7.13	
	For High Strength Steel (HSS), Add	1.76	
05 12 23 00-0420	3/16" Thick (05 12 23 00-0409)		
05 12 23 00-0421	LF 1-1/4" x 1-1/4" x 3/16" Thick, Plain Steel Angle Iron.....	6.34	3.07
	For >100 To 250, Deduct	-0.31	
	For >250 To 500, Deduct	-0.47	
	For >500 To 1,000, Deduct	-0.73	
	For >1,000, Deduct	-0.99	
	For Galvanized Steel, Add	1.39	
	For 304 Stainless Steel, Add	6.38	
	For High Strength Steel (HSS), Add	1.27	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0422	LF			1-1/2" x 1" x 3/16" Thick, Plain Steel Angle Iron 6.34		3.07
				<i>For >100 To 250, Deduct</i>	-0.31	
				<i>For >250 To 500, Deduct</i>	-0.47	
				<i>For >500 To 1,000, Deduct</i>	-0.73	
				<i>For >1,000, Deduct</i>	-0.99	
				<i>For Galvanized Steel, Add</i>	1.39	
				<i>For 304 Stainless Steel, Add</i>	6.38	
				<i>For High Strength Steel (HSS), Add</i>	1.27	
05 12 23 00-0423	LF			1-1/2" x 1-1/2" x 3/16" Thick, Plain Steel Angle Iron 7.11		3.30
				<i>For >100 To 250, Deduct</i>	-0.33	
				<i>For >250 To 500, Deduct</i>	-0.51	
				<i>For >500 To 1,000, Deduct</i>	-0.79	
				<i>For >1,000, Deduct</i>	-1.08	
				<i>For Galvanized Steel, Add</i>	1.69	
				<i>For 304 Stainless Steel, Add</i>	7.75	
				<i>For High Strength Steel (HSS), Add</i>	1.42	
05 12 23 00-0424	LF			2" x 2" x 3/16" Thick, Plain Steel Angle Iron 8.41		3.53
				<i>For >100 To 250, Deduct</i>	-0.35	
				<i>For >250 To 500, Deduct</i>	-0.56	
				<i>For >500 To 1,000, Deduct</i>	-0.89	
				<i>For >1,000, Deduct</i>	-1.22	
				<i>For Galvanized Steel, Add</i>	2.29	
				<i>For 304 Stainless Steel, Add</i>	10.55	
				<i>For High Strength Steel (HSS), Add</i>	1.68	
05 12 23 00-0425	LF			2-1/2" x 2" x 3/16" Thick, Plain Steel Angle Iron 9.21		3.78
				<i>For >100 To 250, Deduct</i>	-0.38	
				<i>For >250 To 500, Deduct</i>	-0.61	
				<i>For >500 To 1,000, Deduct</i>	-0.96	
				<i>For >1,000, Deduct</i>	-1.32	
				<i>For Galvanized Steel, Add</i>	2.59	
				<i>For 304 Stainless Steel, Add</i>	11.88	
				<i>For High Strength Steel (HSS), Add</i>	1.84	
05 12 23 00-0426	LF			2-1/2" x 2-1/2" x 3/16" Thick, Plain Steel Angle Iron 10.06		4.05
				<i>For >100 To 250, Deduct</i>	-0.41	
				<i>For >250 To 500, Deduct</i>	-0.66	
				<i>For >500 To 1,000, Deduct</i>	-1.04	
				<i>For >1,000, Deduct</i>	-1.43	
				<i>For Galvanized Steel, Add</i>	2.89	
				<i>For 304 Stainless Steel, Add</i>	13.28	
				<i>For High Strength Steel (HSS), Add</i>	2.01	
05 12 23 00-0427	LF			3" x 2" x 3/16" Thick, Plain Steel Angle Iron 10.05		4.05
				<i>For >100 To 250, Deduct</i>	-0.41	
				<i>For >250 To 500, Deduct</i>	-0.66	
				<i>For >500 To 1,000, Deduct</i>	-1.04	
				<i>For >1,000, Deduct</i>	-1.43	
				<i>For Galvanized Steel, Add</i>	2.88	
				<i>For 304 Stainless Steel, Add</i>	13.25	
				<i>For High Strength Steel (HSS), Add</i>	2.01	
05 12 23 00-0428	LF			3" x 2-1/2" x 3/16" Thick, Plain Steel Angle Iron 11.11		4.47
				<i>For >100 To 250, Deduct</i>	-0.45	
				<i>For >250 To 500, Deduct</i>	-0.73	
				<i>For >500 To 1,000, Deduct</i>	-1.15	
				<i>For >1,000, Deduct</i>	-1.58	
				<i>For Galvanized Steel, Add</i>	3.19	
				<i>For 304 Stainless Steel, Add</i>	14.65	
				<i>For High Strength Steel (HSS), Add</i>	2.22	
05 12 23 00-0429	LF			3" x 3" x 3/16" Thick, Plain Steel Angle Iron 12.15		4.90
				<i>For >100 To 250, Deduct</i>	-0.49	
				<i>For >250 To 500, Deduct</i>	-0.79	
				<i>For >500 To 1,000, Deduct</i>	-1.26	
				<i>For >1,000, Deduct</i>	-1.73	
				<i>For Galvanized Steel, Add</i>	3.48	
				<i>For 304 Stainless Steel, Add</i>	16.02	
				<i>For High Strength Steel (HSS), Add</i>	2.43	
05 12 23 00-0430				1/4" Thick <small>(05 12 23 00-0409)</small>		
05 12 23 00-0431	LF			1-1/2" x 1" x 1/4" Thick, Plain Steel Angle Iron 7.20		3.24
				<i>For >100 To 250, Deduct</i>	-0.32	
				<i>For >250 To 500, Deduct</i>	-0.50	
				<i>For >500 To 1,000, Deduct</i>	-0.79	
				<i>For >1,000, Deduct</i>	-1.08	
				<i>For Galvanized Steel, Add</i>	1.78	
				<i>For 304 Stainless Steel, Add</i>	8.18	
				<i>For High Strength Steel (HSS), Add</i>	1.44	
05 12 23 00-0432	LF			1-1/2" x 1-1/2" x 1/4" Thick, Plain Steel Angle Iron 8.15		3.48
				<i>For >100 To 250, Deduct</i>	-0.35	
				<i>For >250 To 500, Deduct</i>	-0.55	
				<i>For >500 To 1,000, Deduct</i>	-0.87	
				<i>For >1,000, Deduct</i>	-1.19	
				<i>For Galvanized Steel, Add</i>	2.18	
				<i>For 304 Stainless Steel, Add</i>	10.00	
				<i>For High Strength Steel (HSS), Add</i>	1.63	
05 12 23 00-0433	LF			2" x 2" x 1/4" Thick, Plain Steel Angle Iron 9.76		3.71
				<i>For >100 To 250, Deduct</i>	-0.37	
				<i>For >250 To 500, Deduct</i>	-0.61	
				<i>For >500 To 1,000, Deduct</i>	-0.98	
				<i>For >1,000, Deduct</i>	-1.35	
				<i>For Galvanized Steel, Add</i>	2.99	
				<i>For 304 Stainless Steel, Add</i>	13.74	
				<i>For High Strength Steel (HSS), Add</i>	1.95	

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0434	LF	2-1/2" x 2" x 1/4" Thick, Plain Steel Angle Iron	10.96	4.10
		<i>For >100 To 250, Deduct</i>	-0.41	
		<i>For >250 To 500, Deduct</i>	-0.68	
		<i>For >500 To 1,000, Deduct</i>	-1.10	
		<i>For >1,000, Deduct</i>	-1.51	
		<i>For Galvanized Steel, Add</i>	3.40	
		<i>For 304 Stainless Steel, Add</i>	15.65	
		<i>For High Strength Steel (HSS), Add</i>	2.19	
05 12 23 00-0435	LF	2-1/2" x 2-1/2" x 1/4" Thick, Plain Steel Angle Iron	12.20	4.50
		<i>For >100 To 250, Deduct</i>	-0.45	
		<i>For >250 To 500, Deduct</i>	-0.76	
		<i>For >500 To 1,000, Deduct</i>	-1.21	
		<i>For >1,000, Deduct</i>	-1.67	
		<i>For Galvanized Steel, Add</i>	3.84	
		<i>For 304 Stainless Steel, Add</i>	17.67	
		<i>For High Strength Steel (HSS), Add</i>	2.44	
05 12 23 00-0436	LF	3" x 2" x 1/4" Thick, Plain Steel Angle Iron	12.20	4.50
		<i>For >100 To 250, Deduct</i>	-0.45	
		<i>For >250 To 500, Deduct</i>	-0.76	
		<i>For >500 To 1,000, Deduct</i>	-1.21	
		<i>For >1,000, Deduct</i>	-1.67	
		<i>For Galvanized Steel, Add</i>	3.84	
		<i>For 304 Stainless Steel, Add</i>	17.67	
		<i>For High Strength Steel (HSS), Add</i>	2.44	
05 12 23 00-0437	LF	3" x 2-1/2" x 1/4" Thick, Plain Steel Angle Iron	13.48	5.00
		<i>For >100 To 250, Deduct</i>	-0.50	
		<i>For >250 To 500, Deduct</i>	-0.84	
		<i>For >500 To 1,000, Deduct</i>	-1.34	
		<i>For >1,000, Deduct</i>	-1.84	
		<i>For Galvanized Steel, Add</i>	4.23	
		<i>For 304 Stainless Steel, Add</i>	19.44	
		<i>For High Strength Steel (HSS), Add</i>	2.70	
05 12 23 00-0438	LF	3" x 3" x 1/4" Thick, Plain Steel Angle Iron	14.73	5.49
		<i>For >100 To 250, Deduct</i>	-0.55	
		<i>For >250 To 500, Deduct</i>	-0.92	
		<i>For >500 To 1,000, Deduct</i>	-1.47	
		<i>For >1,000, Deduct</i>	-2.02	
		<i>For Galvanized Steel, Add</i>	4.59	
		<i>For 304 Stainless Steel, Add</i>	21.12	
		<i>For High Strength Steel (HSS), Add</i>	2.95	
05 12 23 00-0439	LF	3-1/2" x 3" x 1/4" Thick, Plain Steel Angle Iron	16.03	5.91
		<i>For >100 To 250, Deduct</i>	-0.59	
		<i>For >250 To 500, Deduct</i>	-0.99	
		<i>For >500 To 1,000, Deduct</i>	-1.59	
		<i>For >1,000, Deduct</i>	-2.19	
		<i>For Galvanized Steel, Add</i>	5.06	
		<i>For 304 Stainless Steel, Add</i>	23.26	
		<i>For High Strength Steel (HSS), Add</i>	3.21	
05 12 23 00-0440	LF	3-1/2" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron	17.01	0.61
		<i>For >100 To 250, Deduct</i>	-0.62	
		<i>For >250 To 500, Deduct</i>	-1.04	
		<i>For >500 To 1,000, Deduct</i>	-1.67	
		<i>For >1,000, Deduct</i>	-2.30	
		<i>For Galvanized Steel, Add</i>	5.45	
		<i>For 304 Stainless Steel, Add</i>	25.05	
		<i>For High Strength Steel (HSS), Add</i>	3.40	
05 12 23 00-0441	LF	4" x 3" x 1/4" Thick, Plain Steel Angle Iron	17.01	6.17
		<i>For >100 To 250, Deduct</i>	-0.62	
		<i>For >250 To 500, Deduct</i>	-1.04	
		<i>For >500 To 1,000, Deduct</i>	-1.67	
		<i>For >1,000, Deduct</i>	-2.30	
		<i>For Galvanized Steel, Add</i>	5.45	
		<i>For 304 Stainless Steel, Add</i>	25.05	
		<i>For High Strength Steel (HSS), Add</i>	3.40	
05 12 23 00-0442	LF	4" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron	17.94	6.42
		<i>For >100 To 250, Deduct</i>	-0.64	
		<i>For >250 To 500, Deduct</i>	-1.09	
		<i>For >500 To 1,000, Deduct</i>	-1.75	
		<i>For >1,000, Deduct</i>	-2.42	
		<i>For Galvanized Steel, Add</i>	5.81	
		<i>For 304 Stainless Steel, Add</i>	26.70	
		<i>For High Strength Steel (HSS), Add</i>	3.59	
05 12 23 00-0443	LF	4" x 4" x 1/4" Thick, Plain Steel Angle Iron	18.93	6.69
		<i>For >100 To 250, Deduct</i>	-0.67	
		<i>For >250 To 500, Deduct</i>	-1.14	
		<i>For >500 To 1,000, Deduct</i>	-1.84	
		<i>For >1,000, Deduct</i>	-2.54	
		<i>For Galvanized Steel, Add</i>	6.20	
		<i>For 304 Stainless Steel, Add</i>	28.50	
		<i>For High Strength Steel (HSS), Add</i>	3.79	
05 12 23 00-0444	LF	5" x 3" x 1/4" Thick, Plain Steel Angle Iron	18.93	6.69
		<i>For >100 To 250, Deduct</i>	-0.67	
		<i>For >250 To 500, Deduct</i>	-1.14	
		<i>For >500 To 1,000, Deduct</i>	-1.84	
		<i>For >1,000, Deduct</i>	-2.54	
		<i>For Galvanized Steel, Add</i>	6.20	
		<i>For 304 Stainless Steel, Add</i>	28.50	
		<i>For High Strength Steel (HSS), Add</i>	3.79	

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0445	LF 5" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron		19.99	7.05
	For >100 To 250, Deduct		-0.71	
	For >250 To 500, Deduct		-1.21	
	For >500 To 1,000, Deduct		-1.94	
	For >1,000, Deduct		-2.68	
	For Galvanized Steel, Add		6.56	
	For 304 Stainless Steel, Add		30.15	
	For High Strength Steel (HSS), Add		4.00	
05 12 23 00-0446	5/16" Thick <small>(05 12 23 00-0409)</small>			
05 12 23 00-0447	LF 2-1/2" x 2" x 5/16" Thick, Plain Steel Angle Iron		13.18	4.77
	For >100 To 250, Deduct		-0.48	
	For >250 To 500, Deduct		-0.81	
	For >500 To 1,000, Deduct		-1.30	
	For >1,000, Deduct		-1.78	
	For Galvanized Steel, Add		4.23	
	For 304 Stainless Steel, Add		19.44	
	For High Strength Steel (HSS), Add		2.64	
05 12 23 00-0448	LF 2-1/2" x 2-1/2" x 5/16" Thick, Plain Steel Angle Iron		14.32	5.06
	For >100 To 250, Deduct		-0.51	
	For >250 To 500, Deduct		-0.86	
	For >500 To 1,000, Deduct		-1.39	
	For >1,000, Deduct		-1.92	
	For Galvanized Steel, Add		4.70	
	For 304 Stainless Steel, Add		21.60	
	For High Strength Steel (HSS), Add		2.86	
05 12 23 00-0449	LF 3" x 2" x 5/16" Thick, Plain Steel Angle Iron		14.32	5.06
	For >100 To 250, Deduct		-0.51	
	For >250 To 500, Deduct		-0.86	
	For >500 To 1,000, Deduct		-1.39	
	For >1,000, Deduct		-1.92	
	For Galvanized Steel, Add		4.70	
	For 304 Stainless Steel, Add		21.60	
	For High Strength Steel (HSS), Add		2.86	
05 12 23 00-0450	LF 3" x 2-1/2" x 5/16" Thick, Plain Steel Angle Iron		15.89	5.54
	For >100 To 250, Deduct		-0.56	
	For >250 To 500, Deduct		-0.95	
	For >500 To 1,000, Deduct		-1.53	
	For >1,000, Deduct		-2.12	
	For Galvanized Steel, Add		5.26	
	For 304 Stainless Steel, Add		24.20	
	For High Strength Steel (HSS), Add		3.18	
05 12 23 00-0451	LF 3" x 3" x 5/16" Thick, Plain Steel Angle Iron		17.28	6.03
	For >100 To 250, Deduct		-0.60	
	For >250 To 500, Deduct		-1.04	
	For >500 To 1,000, Deduct		-1.67	
	For >1,000, Deduct		-2.30	
	For Galvanized Steel, Add		5.73	
	For 304 Stainless Steel, Add		26.33	
	For High Strength Steel (HSS), Add		3.46	
05 12 23 00-0452	LF 3-1/2" x 3" x 5/16" Thick, Plain Steel Angle Iron		18.44	6.33
	For >100 To 250, Deduct		-0.63	
	For >250 To 500, Deduct		-1.09	
	For >500 To 1,000, Deduct		-1.77	
	For >1,000, Deduct		-2.44	
	For Galvanized Steel, Add		6.20	
	For 304 Stainless Steel, Add		28.50	
	For High Strength Steel (HSS), Add		3.69	
05 12 23 00-0453	LF 3-1/2" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron		19.74	6.64
	For >100 To 250, Deduct		-0.66	
	For >250 To 500, Deduct		-1.16	
	For >500 To 1,000, Deduct		-1.87	
	For >1,000, Deduct		-2.59	
	For Galvanized Steel, Add		6.75	
	For 304 Stainless Steel, Add		31.01	
	For High Strength Steel (HSS), Add		3.95	
05 12 23 00-0454	LF 4" x 3" x 5/16" Thick, Plain Steel Angle Iron		19.74	6.64
	For >100 To 250, Deduct		-0.66	
	For >250 To 500, Deduct		-1.16	
	For >500 To 1,000, Deduct		-1.87	
	For >1,000, Deduct		-2.59	
	For Galvanized Steel, Add		6.75	
	For 304 Stainless Steel, Add		31.01	
	For High Strength Steel (HSS), Add		3.95	
05 12 23 00-0455	LF 4" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron		21.01	7.02
	For >100 To 250, Deduct		-0.70	
	For >250 To 500, Deduct		-1.23	
	For >500 To 1,000, Deduct		-1.99	
	For >1,000, Deduct		-2.75	
	For Galvanized Steel, Add		7.22	
	For 304 Stainless Steel, Add		33.17	
	For High Strength Steel (HSS), Add		4.20	
05 12 23 00-0456	LF 4" x 4" x 5/16" Thick, Plain Steel Angle Iron		22.22	7.34
	For >100 To 250, Deduct		-0.73	
	For >250 To 500, Deduct		-1.29	
	For >500 To 1,000, Deduct		-2.09	
	For >1,000, Deduct		-2.89	
	For Galvanized Steel, Add		7.71	
	For 304 Stainless Steel, Add		35.43	
	For High Strength Steel (HSS), Add		4.44	

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 12 23 00-0457	LF	5" x 3" x 5/16" Thick, Plain Steel Angle Iron.....	22.22	7.34
		<i>For >100 To 250, Deduct</i>	-0.73	
		<i>For >250 To 500, Deduct</i>	-1.29	
		<i>For >500 To 1,000, Deduct</i>	-2.09	
		<i>For >1,000, Deduct</i>	-2.89	
		<i>For Galvanized Steel, Add</i>	7.71	
		<i>For 304 Stainless Steel, Add</i>	35.43	
		<i>For High Strength Steel (HSS), Add</i>	4.44	
05 12 23 00-0458	LF	5" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	23.34	7.65
		<i>For >100 To 250, Deduct</i>	-0.76	
		<i>For >250 To 500, Deduct</i>	-1.35	
		<i>For >500 To 1,000, Deduct</i>	-2.19	
		<i>For >1,000, Deduct</i>	-3.02	
		<i>For Galvanized Steel, Add</i>	8.15	
		<i>For 304 Stainless Steel, Add</i>	37.48	
		<i>For High Strength Steel (HSS), Add</i>	4.67	
05 12 23 00-0459	LF	5" x 5" x 5/16" Thick, Plain Steel Angle Iron.....	26.23	7.97
		<i>For >100 To 250, Deduct</i>	-0.80	
		<i>For >250 To 500, Deduct</i>	-1.45	
		<i>For >500 To 1,000, Deduct</i>	-2.37	
		<i>For >1,000, Deduct</i>	-3.29	
		<i>For Galvanized Steel, Add</i>	9.68	
		<i>For 304 Stainless Steel, Add</i>	44.49	
		<i>For High Strength Steel (HSS), Add</i>	5.25	
05 12 23 00-0460	LF	6" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	25.88	8.30
		<i>For >100 To 250, Deduct</i>	-0.83	
		<i>For >250 To 500, Deduct</i>	-1.48	
		<i>For >500 To 1,000, Deduct</i>	-2.40	
		<i>For >1,000, Deduct</i>	-3.32	
		<i>For Galvanized Steel, Add</i>	9.18	
		<i>For 304 Stainless Steel, Add</i>	42.21	
		<i>For High Strength Steel (HSS), Add</i>	5.18	
05 12 23 00-0461		3/8" Thick <small>(05 12 23 00-0409)</small>		
05 12 23 00-0462	LF	3" x 2" x 3/8" Thick, Plain Steel Angle Iron.....	15.97	5.29
		<i>For >100 To 250, Deduct</i>	-0.53	
		<i>For >250 To 500, Deduct</i>	-0.93	
		<i>For >500 To 1,000, Deduct</i>	-1.50	
		<i>For >1,000, Deduct</i>	-2.08	
		<i>For Galvanized Steel, Add</i>	5.53	
		<i>For 304 Stainless Steel, Add</i>	25.42	
		<i>For High Strength Steel (HSS), Add</i>	3.19	
05 12 23 00-0463	LF	3" x 2-1/2" x 3/8" Thick, Plain Steel Angle Iron	17.65	5.73
		<i>For >100 To 250, Deduct</i>	-0.57	
		<i>For >250 To 500, Deduct</i>	-1.02	
		<i>For >500 To 1,000, Deduct</i>	-1.65	
		<i>For >1,000, Deduct</i>	-2.28	
		<i>For Galvanized Steel, Add</i>	6.20	
		<i>For 304 Stainless Steel, Add</i>	28.50	
		<i>For High Strength Steel (HSS), Add</i>	3.53	
05 12 23 00-0464	LF	3" x 3" x 3/8" Thick, Plain Steel Angle Iron.....	19.11	6.18
		<i>For >100 To 250, Deduct</i>	-0.62	
		<i>For >250 To 500, Deduct</i>	-1.10	
		<i>For >500 To 1,000, Deduct</i>	-1.78	
		<i>For >1,000, Deduct</i>	-2.46	
		<i>For Galvanized Steel, Add</i>	6.75	
		<i>For 304 Stainless Steel, Add</i>	31.01	
		<i>For High Strength Steel (HSS), Add</i>	3.82	
05 12 23 00-0465	LF	3-1/2" x 3" x 3/8" Thick, Plain Steel Angle Iron	20.43	6.35
		<i>For >100 To 250, Deduct</i>	-0.63	
		<i>For >250 To 500, Deduct</i>	-1.15	
		<i>For >500 To 1,000, Deduct</i>	-1.87	
		<i>For >1,000, Deduct</i>	-2.59	
		<i>For Galvanized Steel, Add</i>	7.42	
		<i>For 304 Stainless Steel, Add</i>	34.11	
		<i>For High Strength Steel (HSS), Add</i>	4.09	
05 12 23 00-0466	LF	3-1/2" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	21.77	6.69
		<i>For >100 To 250, Deduct</i>	-0.67	
		<i>For >250 To 500, Deduct</i>	-1.21	
		<i>For >500 To 1,000, Deduct</i>	-1.98	
		<i>For >1,000, Deduct</i>	-2.75	
		<i>For Galvanized Steel, Add</i>	7.97	
		<i>For 304 Stainless Steel, Add</i>	36.62	
		<i>For High Strength Steel (HSS), Add</i>	4.35	
05 12 23 00-0467	LF	4" x 3" x 3/8" Thick, Plain Steel Angle Iron.....	21.77	6.69
		<i>For >100 To 250, Deduct</i>	-0.67	
		<i>For >250 To 500, Deduct</i>	-1.21	
		<i>For >500 To 1,000, Deduct</i>	-1.98	
		<i>For >1,000, Deduct</i>	-2.75	
		<i>For Galvanized Steel, Add</i>	7.97	
		<i>For 304 Stainless Steel, Add</i>	36.62	
		<i>For High Strength Steel (HSS), Add</i>	4.35	
05 12 23 00-0468	LF	4" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	23.47	7.30
		<i>For >100 To 250, Deduct</i>	-0.73	
		<i>For >250 To 500, Deduct</i>	-1.32	
		<i>For >500 To 1,000, Deduct</i>	-2.15	
		<i>For >1,000, Deduct</i>	-2.98	
		<i>For Galvanized Steel, Add</i>	8.53	
		<i>For 304 Stainless Steel, Add</i>	39.19	
		<i>For High Strength Steel (HSS), Add</i>	4.69	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0469	LF			4" x 4" x 3/8" Thick, Plain Steel Angle Iron	24.82	7.51
				<i>For >100 To 250, Deduct</i>	-0.75	
				<i>For >250 To 500, Deduct</i>	-1.37	
				<i>For >500 To 1,000, Deduct</i>	-2.24	
				<i>For >1,000, Deduct</i>	-3.11	
				<i>For Galvanized Steel, Add</i>	9.18	
				<i>For 304 Stainless Steel, Add</i>	42.21	
				<i>For High Strength Steel (HSS), Add</i>	4.96	
05 12 23 00-0470	LF			5" x 3" x 3/8" Thick, Plain Steel Angle Iron	25.21	7.80
				<i>For >100 To 250, Deduct</i>	-0.78	
				<i>For >250 To 500, Deduct</i>	-1.41	
				<i>For >500 To 1,000, Deduct</i>	-2.30	
				<i>For >1,000, Deduct</i>	-3.19	
				<i>For Galvanized Steel, Add</i>	9.18	
				<i>For 304 Stainless Steel, Add</i>	42.21	
				<i>For High Strength Steel (HSS), Add</i>	5.04	
05 12 23 00-0471	LF			5" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	26.94	8.40
				<i>For >100 To 250, Deduct</i>	-0.84	
				<i>For >250 To 500, Deduct</i>	-1.52	
				<i>For >500 To 1,000, Deduct</i>	-2.47	
				<i>For >1,000, Deduct</i>	-3.42	
				<i>For Galvanized Steel, Add</i>	9.75	
				<i>For 304 Stainless Steel, Add</i>	44.80	
				<i>For High Strength Steel (HSS), Add</i>	5.39	
05 12 23 00-0472	LF			5" x 5" x 3/8" Thick, Plain Steel Angle Iron	31.70	9.80
				<i>For >100 To 250, Deduct</i>	-0.98	
				<i>For >250 To 500, Deduct</i>	-1.77	
				<i>For >500 To 1,000, Deduct</i>	-2.89	
				<i>For >1,000, Deduct</i>	-4.01	
				<i>For Galvanized Steel, Add</i>	11.56	
				<i>For 304 Stainless Steel, Add</i>	53.12	
				<i>For High Strength Steel (HSS), Add</i>	6.34	
05 12 23 00-0473	LF			6" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	29.82	9.11
				<i>For >100 To 250, Deduct</i>	-0.91	
				<i>For >250 To 500, Deduct</i>	-1.66	
				<i>For >500 To 1,000, Deduct</i>	-2.71	
				<i>For >1,000, Deduct</i>	-3.75	
				<i>For Galvanized Steel, Add</i>	10.96	
				<i>For 304 Stainless Steel, Add</i>	50.39	
				<i>For High Strength Steel (HSS), Add</i>	5.96	
05 12 23 00-0474	LF			6" x 4" x 3/8" Thick, Plain Steel Angle Iron	31.70	9.80
				<i>For >100 To 250, Deduct</i>	-0.98	
				<i>For >250 To 500, Deduct</i>	-1.77	
				<i>For >500 To 1,000, Deduct</i>	-2.89	
				<i>For >1,000, Deduct</i>	-4.01	
				<i>For Galvanized Steel, Add</i>	11.56	
				<i>For 304 Stainless Steel, Add</i>	53.12	
				<i>For High Strength Steel (HSS), Add</i>	6.34	
05 12 23 00-0475	LF			6" x 6" x 3/8" Thick, Plain Steel Angle Iron	38.25	11.76
				<i>For >100 To 250, Deduct</i>	-1.18	
				<i>For >250 To 500, Deduct</i>	-2.13	
				<i>For >500 To 1,000, Deduct</i>	-3.48	
				<i>For >1,000, Deduct</i>	-4.83	
				<i>For Galvanized Steel, Add</i>	14.00	
				<i>For 304 Stainless Steel, Add</i>	64.35	
				<i>For High Strength Steel (HSS), Add</i>	7.65	
05 12 23 00-0476	LF			7" x 4" x 3/8" Thick, Plain Steel Angle Iron	34.97	10.78
				<i>For >100 To 250, Deduct</i>	-1.08	
				<i>For >250 To 500, Deduct</i>	-1.95	
				<i>For >500 To 1,000, Deduct</i>	-3.19	
				<i>For >1,000, Deduct</i>	-4.42	
				<i>For Galvanized Steel, Add</i>	12.77	
				<i>For 304 Stainless Steel, Add</i>	58.71	
				<i>For High Strength Steel (HSS), Add</i>	6.99	
05 12 23 00-0477				1/2" Thick <small>(05 12 23 00-0409)</small>		
05 12 23 00-0478	LF			3" x 3" x 1/2" Thick, Plain Steel Angle Iron	22.65	6.31
				<i>For >100 To 250, Deduct</i>	-0.63	
				<i>For >250 To 500, Deduct</i>	-1.20	
				<i>For >500 To 1,000, Deduct</i>	-1.97	
				<i>For >1,000, Deduct</i>	-2.75	
				<i>For Galvanized Steel, Add</i>	8.83	
				<i>For 304 Stainless Steel, Add</i>	40.58	
				<i>For High Strength Steel (HSS), Add</i>	4.53	
05 12 23 00-0479	LF			4" x 3" x 1/2" Thick, Plain Steel Angle Iron	26.76	7.45
				<i>For >100 To 250, Deduct</i>	-0.75	
				<i>For >250 To 500, Deduct</i>	-1.41	
				<i>For >500 To 1,000, Deduct</i>	-2.33	
				<i>For >1,000, Deduct</i>	-3.25	
				<i>For Galvanized Steel, Add</i>	10.43	
				<i>For 304 Stainless Steel, Add</i>	47.94	
				<i>For High Strength Steel (HSS), Add</i>	5.35	
05 12 23 00-0480	LF			4" x 3-1/2" x 1/2" Thick, Plain Steel Angle Iron	28.68	7.98
				<i>For >100 To 250, Deduct</i>	-0.80	
				<i>For >250 To 500, Deduct</i>	-1.52	
				<i>For >500 To 1,000, Deduct</i>	-2.50	
				<i>For >1,000, Deduct</i>	-3.48	
				<i>For Galvanized Steel, Add</i>	11.18	
				<i>For 304 Stainless Steel, Add</i>	51.39	
				<i>For High Strength Steel (HSS), Add</i>	5.74	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 12 23 00-0481	LF 4" x 4" x 1/2" Thick, Plain Steel Angle Iron.....	30.86	8.60
	For >100 To 250, Deduct	-0.86	
	For >250 To 500, Deduct	-1.63	
	For >500 To 1,000, Deduct	-2.69	
	For >1,000, Deduct	-3.75	
	For Galvanized Steel, Add	12.03	
	For 304 Stainless Steel, Add	55.29	
	For High Strength Steel (HSS), Add	6.17	
05 12 23 00-0482	LF 5" x 3" x 1/2" Thick, Plain Steel Angle Iron.....	30.86	8.60
	For >100 To 250, Deduct	-0.86	
	For >250 To 500, Deduct	-1.63	
	For >500 To 1,000, Deduct	-2.69	
	For >1,000, Deduct	-3.75	
	For Galvanized Steel, Add	12.03	
	For 304 Stainless Steel, Add	55.29	
	For High Strength Steel (HSS), Add	6.17	
05 12 23 00-0483	LF 5" x 3-1/2" x 1/2" Thick, Plain Steel Angle Iron	32.78	9.13
	For >100 To 250, Deduct	-0.91	
	For >250 To 500, Deduct	-1.73	
	For >500 To 1,000, Deduct	-2.86	
	For >1,000, Deduct	-3.98	
	For Galvanized Steel, Add	12.78	
	For 304 Stainless Steel, Add	58.74	
	For High Strength Steel (HSS), Add	6.56	
05 12 23 00-0484	LF 5" x 5" x 1/2" Thick, Plain Steel Angle Iron.....	39.05	10.87
	For >100 To 250, Deduct	-1.09	
	For >250 To 500, Deduct	-2.06	
	For >500 To 1,000, Deduct	-3.40	
	For >1,000, Deduct	-4.74	
	For Galvanized Steel, Add	15.22	
	For 304 Stainless Steel, Add	69.97	
	For High Strength Steel (HSS), Add	7.81	
05 12 23 00-0485	LF 6" x 4" x 1/2" Thick, Plain Steel Angle Iron.....	39.05	10.87
	For >100 To 250, Deduct	-1.09	
	For >250 To 500, Deduct	-2.06	
	For >500 To 1,000, Deduct	-3.40	
	For >1,000, Deduct	-4.74	
	For Galvanized Steel, Add	15.22	
	For 304 Stainless Steel, Add	69.97	
	For High Strength Steel (HSS), Add	7.81	
05 12 23 00-0486	LF 6" x 6" x 1/2" Thick, Plain Steel Angle Iron.....	47.23	13.15
	For >100 To 250, Deduct	-1.32	
	For >250 To 500, Deduct	-2.50	
	For >500 To 1,000, Deduct	-4.12	
	For >1,000, Deduct	-5.73	
	For Galvanized Steel, Add	18.41	
	For 304 Stainless Steel, Add	84.62	
	For High Strength Steel (HSS), Add	9.45	
05 12 23 00-0487	LF 7" x 4" x 1/2" Thick, Plain Steel Angle Iron.....	43.12	12.01
	For >100 To 250, Deduct	-1.20	
	For >250 To 500, Deduct	-2.28	
	For >500 To 1,000, Deduct	-3.76	
	For >1,000, Deduct	-5.24	
	For Galvanized Steel, Add	16.81	
	For 304 Stainless Steel, Add	77.26	
	For High Strength Steel (HSS), Add	8.62	
05 12 23 00-0488	LF 8" x 4" x 1/2" Thick, Plain Steel Angle Iron.....	47.23	13.15
	For >100 To 250, Deduct	-1.32	
	For >250 To 500, Deduct	-2.50	
	For >500 To 1,000, Deduct	-4.12	
	For >1,000, Deduct	-5.73	
	For Galvanized Steel, Add	18.41	
	For 304 Stainless Steel, Add	84.62	
	For High Strength Steel (HSS), Add	9.45	
05 12 23 00-0489	LF 8" x 6" x 1/2" Thick, Plain Steel Angle Iron.....	55.45	15.44
	For >100 To 250, Deduct	-1.54	
	For >250 To 500, Deduct	-2.93	
	For >500 To 1,000, Deduct	-4.83	
	For >1,000, Deduct	-6.73	
	For Galvanized Steel, Add	21.61	
	For 304 Stainless Steel, Add	99.35	
	For High Strength Steel (HSS), Add	11.09	
05 12 23 00-0490	LF 8" x 8" x 1/2" Thick, Plain Steel Angle Iron.....	63.63	17.72
	For >100 To 250, Deduct	-1.77	
	For >250 To 500, Deduct	-3.36	
	For >500 To 1,000, Deduct	-5.54	
	For >1,000, Deduct	-7.73	
	For Galvanized Steel, Add	24.80	
	For 304 Stainless Steel, Add	114.00	
	For High Strength Steel (HSS), Add	12.73	
05 12 23 00-0491	5/8" Thick (05 12 23 00-0409)		
05 12 23 00-0492	LF 4" x 4" x 5/8" Thick, Plain Steel Angle Iron.....	36.92	9.85
	For >100 To 250, Deduct	-0.98	
	For >250 To 500, Deduct	-1.91	
	For >500 To 1,000, Deduct	-3.16	
	For >1,000, Deduct	-4.41	
	For Galvanized Steel, Add	14.75	
	For High Strength Steel (HSS), Add	7.38	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 12 23 00-0493	LF	5" x 3-1/2" x 5/8" Thick, Plain Steel Angle Iron	39.51	10.54	
		<i>For >100 To 250, Deduct</i>	-1.05		
		<i>For >250 To 500, Deduct</i>	-2.04		
		<i>For >500 To 1,000, Deduct</i>	-3.38		
		<i>For >1,000, Deduct</i>	-4.72		
		<i>For Galvanized Steel, Add</i>	15.79		
		<i>For High Strength Steel (HSS), Add</i>	7.90		
05 12 23 00-0494	LF	5" x 5" x 5/8" Thick, Plain Steel Angle Iron	47.03	12.55	
		<i>For >100 To 250, Deduct</i>	-1.25		
		<i>For >250 To 500, Deduct</i>	-2.43		
		<i>For >500 To 1,000, Deduct</i>	-4.02		
		<i>For >1,000, Deduct</i>	-5.62		
		<i>For Galvanized Steel, Add</i>	18.79		
		<i>For High Strength Steel (HSS), Add</i>	9.41		
05 12 23 00-0495	LF	6" x 4" x 5/8" Thick, Plain Steel Angle Iron	47.03	12.55	
		<i>For >100 To 250, Deduct</i>	-1.25		
		<i>For >250 To 500, Deduct</i>	-2.43		
		<i>For >500 To 1,000, Deduct</i>	-4.02		
		<i>For >1,000, Deduct</i>	-5.62		
		<i>For Galvanized Steel, Add</i>	18.79		
		<i>For High Strength Steel (HSS), Add</i>	9.41		
05 12 23 00-0496	LF	6" x 6" x 5/8" Thick, Plain Steel Angle Iron	56.91	15.18	
		<i>For >100 To 250, Deduct</i>	-1.52		
		<i>For >250 To 500, Deduct</i>	-2.94		
		<i>For >500 To 1,000, Deduct</i>	-4.87		
		<i>For >1,000, Deduct</i>	-6.80		
		<i>For Galvanized Steel, Add</i>	22.74		
		<i>For High Strength Steel (HSS), Add</i>	11.38		
05 12 23 00-0497	LF	7" x 4" x 5/8" Thick, Plain Steel Angle Iron	51.96	13.87	
		<i>For >100 To 250, Deduct</i>	-1.39		
		<i>For >250 To 500, Deduct</i>	-2.69		
		<i>For >500 To 1,000, Deduct</i>	-4.45		
		<i>For >1,000, Deduct</i>	-6.21		
		<i>For Galvanized Steel, Add</i>	20.76		
		<i>For High Strength Steel (HSS), Add</i>	10.39		
05 12 23 00-0498	LF	8" x 6" x 5/8" Thick, Plain Steel Angle Iron	67.01	17.88	
		<i>For >100 To 250, Deduct</i>	-1.79		
		<i>For >250 To 500, Deduct</i>	-3.46		
		<i>For >500 To 1,000, Deduct</i>	-5.73		
		<i>For >1,000, Deduct</i>	-8.00		
		<i>For Galvanized Steel, Add</i>	26.77		
		<i>For High Strength Steel (HSS), Add</i>	13.40		
05 12 23 00-0499	LF	8" x 8" x 5/8" Thick, Plain Steel Angle Iron	76.90	20.51	
		<i>For >100 To 250, Deduct</i>	-2.05		
		<i>For >250 To 500, Deduct</i>	-3.97		
		<i>For >500 To 1,000, Deduct</i>	-6.58		
		<i>For >1,000, Deduct</i>	-9.19		
		<i>For Galvanized Steel, Add</i>	30.72		
		<i>For High Strength Steel (HSS), Add</i>	15.38		
05 12 23 00-0500		3/4" Thick <small>(05 12 23 00-0499)</small>			
05 12 23 00-0501	LF	4" x 4" x 3/4" Thick, Plain Steel Angle Iron	42.55	10.88	
		<i>For >100 To 250, Deduct</i>	-1.09		
		<i>For >250 To 500, Deduct</i>	-2.15		
		<i>For >500 To 1,000, Deduct</i>	-3.58		
		<i>For >1,000, Deduct</i>	-5.01		
		<i>For Galvanized Steel, Add</i>	17.38		
		<i>For High Strength Steel (HSS), Add</i>	8.51		
05 12 23 00-0502	LF	5" x 3-1/2" x 3/4" Thick, Plain Steel Angle Iron	45.53	11.65	
		<i>For >100 To 250, Deduct</i>	-1.16		
		<i>For >250 To 500, Deduct</i>	-2.30		
		<i>For >500 To 1,000, Deduct</i>	-3.83		
		<i>For >1,000, Deduct</i>	-5.36		
		<i>For Galvanized Steel, Add</i>	18.60		
		<i>For High Strength Steel (HSS), Add</i>	9.11		
05 12 23 00-0503	LF	5" x 5" x 3/4" Thick, Plain Steel Angle Iron	54.26	13.89	
		<i>For >100 To 250, Deduct</i>	-1.39		
		<i>For >250 To 500, Deduct</i>	-2.74		
		<i>For >500 To 1,000, Deduct</i>	-4.56		
		<i>For >1,000, Deduct</i>	-6.38		
		<i>For Galvanized Steel, Add</i>	22.17		
		<i>For High Strength Steel (HSS), Add</i>	10.85		
05 12 23 00-0504	LF	6" x 4" x 3/4" Thick, Plain Steel Angle Iron	54.26	13.89	
		<i>For >100 To 250, Deduct</i>	-1.39		
		<i>For >250 To 500, Deduct</i>	-2.74		
		<i>For >500 To 1,000, Deduct</i>	-4.56		
		<i>For >1,000, Deduct</i>	-6.38		
		<i>For Galvanized Steel, Add</i>	22.17		
		<i>For High Strength Steel (HSS), Add</i>	10.85		
05 12 23 00-0505	LF	6" x 6" x 3/4" Thick, Plain Steel Angle Iron	65.99	16.87	
		<i>For >100 To 250, Deduct</i>	-1.69		
		<i>For >250 To 500, Deduct</i>	-3.34		
		<i>For >500 To 1,000, Deduct</i>	-5.55		
		<i>For >1,000, Deduct</i>	-7.76		
		<i>For Galvanized Steel, Add</i>	26.96		
		<i>For High Strength Steel (HSS), Add</i>	13.20		

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 12 23 00-0506	LF 7" x 4" x 3/4" Thick, Plain Steel Angle Iron.....	60.24	15.41
	For >100 To 250, Deduct	-1.54	
	For >250 To 500, Deduct	-3.05	
	For >500 To 1,000, Deduct	-5.07	
	For >1,000, Deduct	-7.09	
	For Galvanized Steel, Add	24.61	
	For High Strength Steel (HSS), Add	12.05	
05 12 23 00-0507	LF 8" x 4" x 3/4" Thick, Plain Steel Angle Iron.....	65.99	16.87
	For >100 To 250, Deduct	-1.69	
	For >250 To 500, Deduct	-3.34	
	For >500 To 1,000, Deduct	-5.55	
	For >1,000, Deduct	-7.76	
	For Galvanized Steel, Add	26.96	
	For High Strength Steel (HSS), Add	13.20	
05 12 23 00-0508	LF 8" x 6" x 3/4" Thick, Plain Steel Angle Iron.....	77.73	19.87
	For >100 To 250, Deduct	-1.99	
	For >250 To 500, Deduct	-3.93	
	For >500 To 1,000, Deduct	-6.54	
	For >1,000, Deduct	-9.14	
	For Galvanized Steel, Add	31.76	
	For High Strength Steel (HSS), Add	15.55	
05 12 23 00-0509	LF 8" x 8" x 3/4" Thick, Plain Steel Angle Iron.....	89.45	22.88
	For >100 To 250, Deduct	-2.29	
	For >250 To 500, Deduct	-4.52	
	For >500 To 1,000, Deduct	-7.52	
	For >1,000, Deduct	-10.52	
	For Galvanized Steel, Add	36.55	
	For High Strength Steel (HSS), Add	17.89	

05 12 23 00-0510 7/8" Thick (05 12 23 00-0409)

05 12 23 00-0511	LF 5" x 5" x 7/8" Thick, Plain Steel Angle Iron.....	61.10	14.92
	For >100 To 250, Deduct	-1.49	
	For >250 To 500, Deduct	-3.02	
	For >500 To 1,000, Deduct	-5.05	
	For >1,000, Deduct	-7.07	
	For Galvanized Steel, Add	25.54	
	For High Strength Steel (HSS), Add	12.22	
05 12 23 00-0512	LF 6" x 4" x 7/8" Thick, Plain Steel Angle Iron.....	61.10	14.92
	For >100 To 250, Deduct	-1.49	
	For >250 To 500, Deduct	-3.02	
	For >500 To 1,000, Deduct	-5.05	
	For >1,000, Deduct	-7.07	
	For Galvanized Steel, Add	25.54	
	For High Strength Steel (HSS), Add	12.22	
05 12 23 00-0513	LF 6" x 6" x 7/8" Thick, Plain Steel Angle Iron.....	74.39	18.17
	For >100 To 250, Deduct	-1.82	
	For >250 To 500, Deduct	-3.68	
	For >500 To 1,000, Deduct	-6.14	
	For >1,000, Deduct	-8.61	
	For Galvanized Steel, Add	31.10	
	For High Strength Steel (HSS), Add	14.88	
05 12 23 00-0514	LF 8" x 6" x 7/8" Thick, Plain Steel Angle Iron.....	87.86	21.46
	For >100 To 250, Deduct	-2.15	
	For >250 To 500, Deduct	-4.34	
	For >500 To 1,000, Deduct	-7.25	
	For >1,000, Deduct	-10.17	
	For Galvanized Steel, Add	36.74	
	For High Strength Steel (HSS), Add	17.57	
05 12 23 00-0515	LF 8" x 8" x 7/8" Thick, Plain Steel Angle Iron.....	101.11	24.70
	For >100 To 250, Deduct	-2.47	
	For >250 To 500, Deduct	-5.00	
	For >500 To 1,000, Deduct	-8.35	
	For >1,000, Deduct	-11.70	
	For Galvanized Steel, Add	42.27	
	For High Strength Steel (HSS), Add	20.22	

05 12 23 00-0516 Bar Channel (05 12 23 00-0408)

05 12 23 00-0517	LF 1" x 1/2" x 1/8" Thick Bar Channel.....	4.95	
	For 316 Stainless Steel, Add	5.28	
	For Aluminum, Add	0.30	
	For Galvanized Steel, Add	1.02	
	For 304 Stainless Steel, Add	4.70	
	For High Strength Steel (HSS), Add	0.99	
05 12 23 00-0518	LF 1-1/4" x 1/2" x 1/8" Thick Bar Channel.....	5.57	
	For 316 Stainless Steel, Add	6.34	
	For Aluminum, Add	0.36	
	For Galvanized Steel, Add	1.23	
	For 304 Stainless Steel, Add	5.64	
	For High Strength Steel (HSS), Add	1.11	
05 12 23 00-0519	LF 1-1/2" x 1/2" x 1/8" Thick Bar Channel.....	6.07	
	For 316 Stainless Steel, Add	7.01	
	For Aluminum, Add	0.39	
	For Galvanized Steel, Add	1.36	
	For 304 Stainless Steel, Add	6.24	
	For High Strength Steel (HSS), Add	1.21	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0520	LF			1-1/2" x 3/4" x 1/8" Thick Bar Channel.....	6.92	
				For 316 Stainless Steel, Add	7.30	
				For Aluminum, Add	0.41	
				For Galvanized Steel, Add	1.41	
				For 304 Stainless Steel, Add	6.50	
				For High Strength Steel (HSS), Add	1.38	
05 12 23 00-0521	LF			2" x 1/2" x 1/8" Thick Bar Channel.....	7.43	
				For 316 Stainless Steel, Add	8.93	
				For Aluminum, Add	0.50	
				For Galvanized Steel, Add	1.73	
				For 304 Stainless Steel, Add	7.95	
05 12 23 00-0522	LF			2" x 1" x 1/8" Thick Bar Channel.....	9.75	
				For 316 Stainless Steel, Add	9.98	
				For Aluminum, Add	0.56	
				For Galvanized Steel, Add	1.93	
				For 304 Stainless Steel, Add	8.89	
05 12 23 00-0523				Channels - C <small>(05 12 23 00-0408)</small>		
05 12 23 00-0524	LF			C2 x 1.78 - 2" Wide Channel	8.10	4.09
				For >100 To 250, Deduct	-0.41	
				For >250 To 500, Deduct	-0.61	
				For >500 To 1,000, Deduct	-0.95	
				For >1,000, Deduct	-1.29	
				For 316 Stainless Steel, Add	8.48	
				For Aluminum, Add	0.48	
				For Galvanized Steel, Add	1.64	
				For 304 Stainless Steel, Add	7.55	
05 12 23 00-0525	LF			C3 x 4.1 - 3" Wide Channel	14.05	5.88
				For >100 To 250, Deduct	-0.59	
				For >250 To 500, Deduct	-0.94	
				For >500 To 1,000, Deduct	-1.49	
				For >1,000, Deduct	-2.03	
				For 316 Stainless Steel, Add	19.87	
				For Aluminum, Add	1.12	
				For Galvanized Steel, Add	3.85	
				For 304 Stainless Steel, Add	17.70	
05 12 23 00-0526	LF			C3 x 5 - 3" Wide Channel	17.13	7.18
				For >100 To 250, Deduct	-0.72	
				For >250 To 500, Deduct	-1.15	
				For >500 To 1,000, Deduct	-1.81	
				For >1,000, Deduct	-2.48	
				For 316 Stainless Steel, Add	24.22	
				For Aluminum, Add	1.36	
				For Galvanized Steel, Add	4.69	
				For 304 Stainless Steel, Add	21.57	
05 12 23 00-0527	LF			C3 x 6 - 3" Wide Channel	20.57	8.61
				For >100 To 250, Deduct	-0.86	
				For >250 To 500, Deduct	-1.38	
				For >500 To 1,000, Deduct	-2.18	
				For >1,000, Deduct	-2.98	
				For 316 Stainless Steel, Add	29.09	
				For Aluminum, Add	1.64	
				For Galvanized Steel, Add	5.64	
				For 304 Stainless Steel, Add	25.91	
05 12 23 00-0528	LF			C4 x 5.4 - 4" Wide Channel	17.59	7.05
				For >100 To 250, Deduct	-0.71	
				For >250 To 500, Deduct	-1.15	
				For >500 To 1,000, Deduct	-1.82	
				For >1,000, Deduct	-2.50	
				For 316 Stainless Steel, Add	26.18	
				For Aluminum, Add	1.47	
				For Galvanized Steel, Add	5.07	
				For 304 Stainless Steel, Add	23.31	
05 12 23 00-0529	LF			C4 x 7.25 - 4" Wide Channel	23.61	9.47
				For >100 To 250, Deduct	-0.95	
				For >250 To 500, Deduct	-1.54	
				For >500 To 1,000, Deduct	-2.44	
				For >1,000, Deduct	-3.35	
				For 316 Stainless Steel, Add	35.14	
				For Aluminum, Add	1.98	
				For Galvanized Steel, Add	6.81	
				For 304 Stainless Steel, Add	31.29	
05 12 23 00-0530	LF			C5 x 6.7 - 5" Wide Channel	21.12	8.22
				For >100 To 250, Deduct	-0.82	
				For >250 To 500, Deduct	-1.35	
				For >500 To 1,000, Deduct	-2.15	
				For >1,000, Deduct	-2.96	
				For 316 Stainless Steel, Add	32.48	
				For Aluminum, Add	1.83	
				For Galvanized Steel, Add	6.29	
				For 304 Stainless Steel, Add	28.93	
05 12 23 00-0531	LF			C5 x 9 - 5" Wide Channel	28.37	11.06
				For >100 To 250, Deduct	-1.11	
				For >250 To 500, Deduct	-1.81	
				For >500 To 1,000, Deduct	-2.89	
				For >1,000, Deduct	-3.97	
				For 316 Stainless Steel, Add	43.62	
				For Aluminum, Add	2.45	
				For Galvanized Steel, Add	8.45	
				For 304 Stainless Steel, Add	38.85	

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0532	LF	C6 x 8.2 - 6" Wide Channel.....	25.59	9.88
		For >100 To 250, Deduct	-0.99	
		For >250 To 500, Deduct	-1.63	
		For >500 To 1,000, Deduct	-2.60	
		For >1,000, Deduct	-3.57	
		For 316 Stainless Steel, Add	39.74	
		For Aluminum, Add	2.24	
		For Galvanized Steel, Add	7.70	
		For 304 Stainless Steel, Add	35.40	
05 12 23 00-0533	LF	C6 x 10.5 - 6" Wide Channel.....	32.77	12.65
		For >100 To 250, Deduct	-1.26	
		For >250 To 500, Deduct	-2.08	
		For >500 To 1,000, Deduct	-3.32	
		For >1,000, Deduct	-4.57	
		For 316 Stainless Steel, Add	50.91	
		For Aluminum, Add	2.86	
		For Galvanized Steel, Add	9.86	
		For 304 Stainless Steel, Add	45.34	
05 12 23 00-0534	LF	C6 x 13 - 6" Wide Channel.....	40.58	15.66
		For >100 To 250, Deduct	-1.57	
		For >250 To 500, Deduct	-2.58	
		For >500 To 1,000, Deduct	-4.12	
		For >1,000, Deduct	-5.65	
		For 316 Stainless Steel, Add	63.01	
		For Aluminum, Add	3.54	
		For Galvanized Steel, Add	12.21	
		For 304 Stainless Steel, Add	56.12	
05 12 23 00-0535	LF	C7 x 9.8 - 7" Wide Channel.....	30.53	11.76
		For >100 To 250, Deduct	-1.18	
		For >250 To 500, Deduct	-1.94	
		For >500 To 1,000, Deduct	-3.09	
		For >1,000, Deduct	-4.25	
		For 316 Stainless Steel, Add	47.52	
		For Aluminum, Add	2.67	
		For Galvanized Steel, Add	9.21	
		For 304 Stainless Steel, Add	42.32	
05 12 23 00-0536	LF	C7 x 12.25 - 7" Wide Channel.....	38.16	14.70
		For >100 To 250, Deduct	-1.47	
		For >250 To 500, Deduct	-2.42	
		For >500 To 1,000, Deduct	-3.87	
		For >1,000, Deduct	-5.31	
		For 316 Stainless Steel, Add	59.39	
		For Aluminum, Add	3.34	
		For Galvanized Steel, Add	11.51	
		For 304 Stainless Steel, Add	52.90	
05 12 23 00-0537	LF	C7 x 14.75 - 7" Wide Channel.....	45.96	17.70
		For >100 To 250, Deduct	-1.77	
		For >250 To 500, Deduct	-2.92	
		For >500 To 1,000, Deduct	-4.66	
		For >1,000, Deduct	-6.40	
		For 316 Stainless Steel, Add	71.52	
		For Aluminum, Add	4.02	
		For Galvanized Steel, Add	13.86	
		For 304 Stainless Steel, Add	63.70	
05 12 23 00-0538	LF	C8 x 11.5 - 8" Wide Channel.....	34.67	12.94
		For >100 To 250, Deduct	-1.29	
		For >250 To 500, Deduct	-2.16	
		For >500 To 1,000, Deduct	-3.46	
		For >1,000, Deduct	-4.76	
		For 316 Stainless Steel, Add	55.74	
		For Aluminum, Add	3.14	
		For Galvanized Steel, Add	10.80	
		For 304 Stainless Steel, Add	49.65	
05 12 23 00-0539	LF	C8 x 13.75 - 8" Wide Channel.....	41.46	15.47
		For >100 To 250, Deduct	-1.55	
		For >250 To 500, Deduct	-2.58	
		For >500 To 1,000, Deduct	-4.14	
		For >1,000, Deduct	-5.69	
		For 316 Stainless Steel, Add	66.66	
		For Aluminum, Add	3.75	
		For Galvanized Steel, Add	12.91	
		For 304 Stainless Steel, Add	59.37	
05 12 23 00-0540	LF	C8 x 18.75 - 8" Wide Channel.....	56.54	21.10
		For >100 To 250, Deduct	-2.11	
		For >250 To 500, Deduct	-3.52	
		For >500 To 1,000, Deduct	-5.64	
		For >1,000, Deduct	-7.76	
		For 316 Stainless Steel, Add	90.91	
		For Aluminum, Add	5.11	
		For Galvanized Steel, Add	17.61	
		For 304 Stainless Steel, Add	80.97	
05 12 23 00-0541	LF	C9 x 13.4 - 9" Wide Channel.....	40.40	15.08
		For >100 To 250, Deduct	-1.51	
		For >250 To 500, Deduct	-2.52	
		For >500 To 1,000, Deduct	-4.03	
		For >1,000, Deduct	-5.54	
		For 316 Stainless Steel, Add	64.96	
		For Aluminum, Add	3.65	
		For Galvanized Steel, Add	12.59	
		For 304 Stainless Steel, Add	57.86	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0542	LF			C9 x 15 - 9" Wide Channel	45.22	16.87
				For >100 To 250, Deduct	-1.69	
				For >250 To 500, Deduct	-2.82	
				For >500 To 1,000, Deduct	-4.51	
				For >1,000, Deduct	-6.20	
				For 316 Stainless Steel, Add	72.70	
				For Aluminum, Add	4.09	
				For Galvanized Steel, Add	14.09	
				For 304 Stainless Steel, Add	64.75	
05 12 23 00-0543	LF			C9 x 20 - 9" Wide Channel	60.30	22.50
				For >100 To 250, Deduct	-2.25	
				For >250 To 500, Deduct	-3.76	
				For >500 To 1,000, Deduct	-6.02	
				For >1,000, Deduct	-8.27	
				For 316 Stainless Steel, Add	96.96	
				For Aluminum, Add	5.45	
				For Galvanized Steel, Add	18.79	
				For 304 Stainless Steel, Add	86.36	
05 12 23 00-0544	LF			C10 x 15.3 - 10" Wide Channel	46.13	17.21
				For >100 To 250, Deduct	-1.72	
				For >250 To 500, Deduct	-2.87	
				For >500 To 1,000, Deduct	-4.60	
				For >1,000, Deduct	-6.33	
				For 316 Stainless Steel, Add	74.18	
				For Aluminum, Add	4.17	
				For Galvanized Steel, Add	14.37	
				For 304 Stainless Steel, Add	66.06	
05 12 23 00-0545	LF			C10 x 20 - 10" Wide Channel	60.30	22.50
				For >100 To 250, Deduct	-2.25	
				For >250 To 500, Deduct	-3.76	
				For >500 To 1,000, Deduct	-6.02	
				For >1,000, Deduct	-8.27	
				For 316 Stainless Steel, Add	96.96	
				For Aluminum, Add	5.45	
				For Galvanized Steel, Add	18.79	
				For 304 Stainless Steel, Add	86.36	
05 12 23 00-0546	LF			C10 x 25 - 10" Wide Channel	75.37	28.13
				For >100 To 250, Deduct	-2.81	
				For >250 To 500, Deduct	-4.70	
				For >500 To 1,000, Deduct	-7.52	
				For >1,000, Deduct	-10.34	
				For 316 Stainless Steel, Add	121.18	
				For Aluminum, Add	6.82	
				For Galvanized Steel, Add	23.48	
				For 304 Stainless Steel, Add	107.93	
05 12 23 00-0547	LF			C10 x 30 - 10" Wide Channel	90.45	33.75
				For >100 To 250, Deduct	-3.38	
				For >250 To 500, Deduct	-5.64	
				For >500 To 1,000, Deduct	-9.02	
				For >1,000, Deduct	-12.41	
				For 316 Stainless Steel, Add	145.44	
				For Aluminum, Add	8.18	
				For Galvanized Steel, Add	28.18	
				For 304 Stainless Steel, Add	129.53	
05 12 23 00-0548	LF			C12 x 20.7 - 12" Wide Channel	62.41	23.29
				For >100 To 250, Deduct	-2.33	
				For >250 To 500, Deduct	-3.89	
				For >500 To 1,000, Deduct	-6.23	
				For >1,000, Deduct	-8.56	
				For 316 Stainless Steel, Add	100.35	
				For Aluminum, Add	5.64	
				For Galvanized Steel, Add	19.44	
				For 304 Stainless Steel, Add	89.38	
05 12 23 00-0549	LF			C12 x 25 - 12" Wide Channel	75.37	28.13
				For >100 To 250, Deduct	-2.81	
				For >250 To 500, Deduct	-4.70	
				For >500 To 1,000, Deduct	-7.52	
				For >1,000, Deduct	-10.34	
				For 316 Stainless Steel, Add	121.18	
				For Aluminum, Add	6.82	
				For Galvanized Steel, Add	23.48	
				For 304 Stainless Steel, Add	107.93	
05 12 23 00-0550	LF			C12 x 30 - 12" Wide Channel	90.45	33.75
				For >100 To 250, Deduct	-3.38	
				For >250 To 500, Deduct	-5.64	
				For >500 To 1,000, Deduct	-9.02	
				For >1,000, Deduct	-12.41	
				For 316 Stainless Steel, Add	145.44	
				For Aluminum, Add	8.18	
				For Galvanized Steel, Add	28.18	
				For 304 Stainless Steel, Add	129.53	
05 12 23 00-0551	LF			C15 x 33.9 - 15" Wide Channel	102.21	38.14
				For >100 To 250, Deduct	-3.81	
				For >250 To 500, Deduct	-6.37	
				For >500 To 1,000, Deduct	-10.20	
				For >1,000, Deduct	-14.02	
				For 316 Stainless Steel, Add	164.35	
				For Aluminum, Add	9.24	
				For Galvanized Steel, Add	31.84	
				For 304 Stainless Steel, Add	146.38	

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0552	LF	C15 x 40 - 15" Wide Channel.....	120.60	45.00
		<i>For >100 To 250, Deduct</i>	-4.50	
		<i>For >250 To 500, Deduct</i>	-7.52	
		<i>For >500 To 1,000, Deduct</i>	-12.03	
		<i>For >1,000, Deduct</i>	-16.55	
		<i>For 316 Stainless Steel, Add</i>	193.92	
		<i>For Aluminum, Add</i>	10.91	
		<i>For Galvanized Steel, Add</i>	37.57	
		<i>For 304 Stainless Steel, Add</i>	172.71	
05 12 23 00-0553	LF	C15 x 50 - 15" Wide Channel.....	150.75	56.24
		<i>For >100 To 250, Deduct</i>	-5.63	
		<i>For >250 To 500, Deduct</i>	-9.39	
		<i>For >500 To 1,000, Deduct</i>	-15.04	
		<i>For >1,000, Deduct</i>	-20.68	
		<i>For 316 Stainless Steel, Add</i>	242.40	
		<i>For Aluminum, Add</i>	13.64	
		<i>For Galvanized Steel, Add</i>	46.97	
		<i>For 304 Stainless Steel, Add</i>	215.89	
05 12 23 00-0554		Miscellaneous Channels - MC <small>(05 12 23 00-0408)</small>		
05 12 23 00-0555	LF	MC6 x 12 - 6" Wide Channel.....	37.46	14.46
		<i>For >100 To 250, Deduct</i>	-1.45	
		<i>For >250 To 500, Deduct</i>	-2.38	
		<i>For >500 To 1,000, Deduct</i>	-3.80	
		<i>For >1,000, Deduct</i>	-5.22	
		<i>For 316 Stainless Steel, Add</i>	58.18	
		<i>For Aluminum, Add</i>	3.27	
		<i>For Galvanized Steel, Add</i>	11.27	
		<i>For 304 Stainless Steel, Add</i>	51.81	
05 12 23 00-0556	LF	MC6 x 15.1 - 6" Wide Channel.....	47.14	18.19
		<i>For >100 To 250, Deduct</i>	-1.82	
		<i>For >250 To 500, Deduct</i>	-3.00	
		<i>For >500 To 1,000, Deduct</i>	-4.78	
		<i>For >1,000, Deduct</i>	-6.57	
		<i>For 316 Stainless Steel, Add</i>	73.22	
		<i>For Aluminum, Add</i>	4.12	
		<i>For Galvanized Steel, Add</i>	14.19	
		<i>For 304 Stainless Steel, Add</i>	65.21	
05 12 23 00-0557	LF	MC6 x 15.3 - 6" Wide Channel.....	47.76	18.43
		<i>For >100 To 250, Deduct</i>	-1.84	
		<i>For >250 To 500, Deduct</i>	-3.04	
		<i>For >500 To 1,000, Deduct</i>	-4.85	
		<i>For >1,000, Deduct</i>	-6.65	
		<i>For 316 Stainless Steel, Add</i>	74.18	
		<i>For Aluminum, Add</i>	4.17	
		<i>For Galvanized Steel, Add</i>	14.37	
		<i>For 304 Stainless Steel, Add</i>	66.06	
05 12 23 00-0558	LF	MC6 x 16.3 - 6" Wide Channel.....	50.88	19.63
		<i>For >100 To 250, Deduct</i>	-1.96	
		<i>For >250 To 500, Deduct</i>	-3.24	
		<i>For >500 To 1,000, Deduct</i>	-5.16	
		<i>For >1,000, Deduct</i>	-7.09	
		<i>For 316 Stainless Steel, Add</i>	79.01	
		<i>For Aluminum, Add</i>	4.44	
		<i>For Galvanized Steel, Add</i>	15.31	
		<i>For 304 Stainless Steel, Add</i>	70.37	
05 12 23 00-0559	LF	MC6 x 18 - 6" Wide Channel.....	56.19	21.69
		<i>For >100 To 250, Deduct</i>	-2.17	
		<i>For >250 To 500, Deduct</i>	-3.57	
		<i>For >500 To 1,000, Deduct</i>	-5.70	
		<i>For >1,000, Deduct</i>	-7.83	
		<i>For 316 Stainless Steel, Add</i>	87.26	
		<i>For Aluminum, Add</i>	4.91	
		<i>For Galvanized Steel, Add</i>	16.91	
		<i>For 304 Stainless Steel, Add</i>	77.72	
05 12 23 00-0560	LF	MC7 x 17.6 - 7" Wide Channel.....	54.83	21.13
		<i>For >100 To 250, Deduct</i>	-2.11	
		<i>For >250 To 500, Deduct</i>	-3.48	
		<i>For >500 To 1,000, Deduct</i>	-5.56	
		<i>For >1,000, Deduct</i>	-7.63	
		<i>For 316 Stainless Steel, Add</i>	85.31	
		<i>For Aluminum, Add</i>	4.80	
		<i>For Galvanized Steel, Add</i>	16.53	
		<i>For 304 Stainless Steel, Add</i>	75.98	
05 12 23 00-0561	LF	MC7 x 19.1 - 7" Wide Channel.....	59.51	22.93
		<i>For >100 To 250, Deduct</i>	-2.29	
		<i>For >250 To 500, Deduct</i>	-3.78	
		<i>For >500 To 1,000, Deduct</i>	-6.03	
		<i>For >1,000, Deduct</i>	-8.28	
		<i>For 316 Stainless Steel, Add</i>	92.61	
		<i>For Aluminum, Add</i>	5.21	
		<i>For Galvanized Steel, Add</i>	17.94	
		<i>For 304 Stainless Steel, Add</i>	82.48	

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0562	LF MC7 x 22.7 - 7" Wide Channel		70.72	27.25
	For >100 To 250, Deduct		-2.72	
	For >250 To 500, Deduct		-4.49	
	For >500 To 1,000, Deduct		-7.17	
	For >1,000, Deduct		-9.85	
	For 316 Stainless Steel, Add		110.05	
	For Aluminum, Add		6.19	
	For Galvanized Steel, Add		21.32	
	For 304 Stainless Steel, Add		98.01	
05 12 23 00-0563	LF MC8 x 8.5 - 8" Wide Channel		25.64	9.56
	For >100 To 250, Deduct		-0.96	
	For >250 To 500, Deduct		-1.60	
	For >500 To 1,000, Deduct		-2.56	
	For >1,000, Deduct		-3.52	
	For 316 Stainless Steel, Add		41.22	
	For Aluminum, Add		2.32	
	For Galvanized Steel, Add		7.99	
	For 304 Stainless Steel, Add		36.71	
05 12 23 00-0564	LF MC8 x 18.7 - 8" Wide Channel		56.38	21.03
	For >100 To 250, Deduct		-2.10	
	For >250 To 500, Deduct		-3.51	
	For >500 To 1,000, Deduct		-5.62	
	For >1,000, Deduct		-7.73	
	For 316 Stainless Steel, Add		90.66	
	For Aluminum, Add		5.10	
	For Galvanized Steel, Add		17.56	
	For 304 Stainless Steel, Add		80.74	
05 12 23 00-0565	LF MC8 x 20 - 8" Wide Channel		60.30	22.50
	For >100 To 250, Deduct		-2.25	
	For >250 To 500, Deduct		-3.76	
	For >500 To 1,000, Deduct		-6.02	
	For >1,000, Deduct		-8.27	
	For 316 Stainless Steel, Add		96.96	
	For Aluminum, Add		5.45	
	For Galvanized Steel, Add		18.79	
	For 304 Stainless Steel, Add		86.36	
05 12 23 00-0566	LF MC8 x 21.4 - 8" Wide Channel		64.53	24.08
	For >100 To 250, Deduct		-2.41	
	For >250 To 500, Deduct		-4.02	
	For >500 To 1,000, Deduct		-6.44	
	For >1,000, Deduct		-8.85	
	For 316 Stainless Steel, Add		103.74	
	For Aluminum, Add		5.84	
	For Galvanized Steel, Add		20.10	
	For 304 Stainless Steel, Add		92.40	
05 12 23 00-0567	LF MC8 x 22.8 - 8" Wide Channel		68.73	25.66
	For >100 To 250, Deduct		-2.56	
	For >250 To 500, Deduct		-4.28	
	For >500 To 1,000, Deduct		-6.86	
	For >1,000, Deduct		-9.43	
	For 316 Stainless Steel, Add		110.53	
	For Aluminum, Add		6.22	
	For Galvanized Steel, Add		21.41	
	For 304 Stainless Steel, Add		98.44	
05 12 23 00-0568	LF MC9 x 23.9 - 9" Wide Channel		72.06	26.89
	For >100 To 250, Deduct		-2.69	
	For >250 To 500, Deduct		-4.49	
	For >500 To 1,000, Deduct		-7.19	
	For >1,000, Deduct		-9.89	
	For 316 Stainless Steel, Add		115.87	
	For Aluminum, Add		6.52	
	For Galvanized Steel, Add		22.45	
	For 304 Stainless Steel, Add		103.20	
05 12 23 00-0569	LF MC9 x 25.4 - 9" Wide Channel		76.57	28.57
	For >100 To 250, Deduct		-2.86	
	For >250 To 500, Deduct		-4.77	
	For >500 To 1,000, Deduct		-7.64	
	For >1,000, Deduct		-10.50	
	For 316 Stainless Steel, Add		123.14	
	For Aluminum, Add		6.93	
	For Galvanized Steel, Add		23.86	
	For 304 Stainless Steel, Add		109.67	
05 12 23 00-0570	LF MC10 x 6.5 - 10" Wide Channel		19.61	7.31
	For >100 To 250, Deduct		-0.73	
	For >250 To 500, Deduct		-1.22	
	For >500 To 1,000, Deduct		-1.96	
	For >1,000, Deduct		-2.69	
	For 316 Stainless Steel, Add		31.52	
	For Aluminum, Add		1.77	
	For Galvanized Steel, Add		6.11	
	For 304 Stainless Steel, Add		28.07	
05 12 23 00-0571	LF MC10 x 8.4 - 10" Wide Channel		25.33	9.45
	For >100 To 250, Deduct		-0.95	
	For >250 To 500, Deduct		-1.58	
	For >500 To 1,000, Deduct		-2.53	
	For >1,000, Deduct		-3.47	
	For 316 Stainless Steel, Add		40.74	
	For Aluminum, Add		2.29	
	For Galvanized Steel, Add		7.89	
	For 304 Stainless Steel, Add		36.28	

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0572	LF	MC10 x 21.9 - 10" Wide Channel.....	66.03	24.64
		For >100 To 250, Deduct	-2.46	
		For >250 To 500, Deduct	-4.11	
		For >500 To 1,000, Deduct	-6.59	
		For >1,000, Deduct	-9.06	
		For 316 Stainless Steel, Add	106.18	
		For Aluminum, Add	5.97	
		For Galvanized Steel, Add	20.57	
		For 304 Stainless Steel, Add	94.56	
05 12 23 00-0573	LF	MC10 x 24.9 - 10" Wide Channel.....	75.08	28.02
		For >100 To 250, Deduct	-2.80	
		For >250 To 500, Deduct	-4.68	
		For >500 To 1,000, Deduct	-7.49	
		For >1,000, Deduct	-10.30	
		For 316 Stainless Steel, Add	120.70	
		For Aluminum, Add	6.79	
		For Galvanized Steel, Add	23.39	
		For 304 Stainless Steel, Add	107.50	
05 12 23 00-0574	LF	MC10 x 25.3 - 10" Wide Channel.....	76.28	28.47
		For >100 To 250, Deduct	-2.85	
		For >250 To 500, Deduct	-4.75	
		For >500 To 1,000, Deduct	-7.61	
		For >1,000, Deduct	-10.46	
		For 316 Stainless Steel, Add	122.66	
		For Aluminum, Add	6.90	
		For Galvanized Steel, Add	23.76	
		For 304 Stainless Steel, Add	109.24	
05 12 23 00-0575	LF	MC10 x 28.3 - 10" Wide Channel.....	85.33	31.83
		For >100 To 250, Deduct	-3.18	
		For >250 To 500, Deduct	-5.32	
		For >500 To 1,000, Deduct	-8.51	
		For >1,000, Deduct	-11.71	
		For 316 Stainless Steel, Add	137.18	
		For Aluminum, Add	7.72	
		For Galvanized Steel, Add	26.58	
		For 304 Stainless Steel, Add	122.18	
05 12 23 00-0576	LF	MC10 x 28.5 - 10" Wide Channel.....	85.93	32.07
		For >100 To 250, Deduct	-3.21	
		For >250 To 500, Deduct	-5.35	
		For >500 To 1,000, Deduct	-8.57	
		For >1,000, Deduct	-11.79	
		For 316 Stainless Steel, Add	138.18	
		For Aluminum, Add	7.77	
		For Galvanized Steel, Add	26.77	
		For 304 Stainless Steel, Add	123.06	
05 12 23 00-0577	LF	MC10 x 33.6 - 10" Wide Channel.....	101.30	37.80
		For >100 To 250, Deduct	-3.78	
		For >250 To 500, Deduct	-6.31	
		For >500 To 1,000, Deduct	-10.11	
		For >1,000, Deduct	-13.90	
		For 316 Stainless Steel, Add	162.88	
		For Aluminum, Add	9.16	
		For Galvanized Steel, Add	31.56	
		For 304 Stainless Steel, Add	145.07	
05 12 23 00-0578	LF	MC10 x 41.1 - 10" Wide Channel.....	123.92	46.25
		For >100 To 250, Deduct	-4.62	
		For >250 To 500, Deduct	-7.72	
		For >500 To 1,000, Deduct	-12.36	
		For >1,000, Deduct	-17.00	
		For 316 Stainless Steel, Add	199.26	
		For Aluminum, Add	11.21	
		For Galvanized Steel, Add	38.61	
		For 304 Stainless Steel, Add	177.47	
05 12 23 00-0579	LF	MC12 x 30.9 - 12" Wide Channel.....	93.17	34.76
		For >100 To 250, Deduct	-3.48	
		For >250 To 500, Deduct	-5.81	
		For >500 To 1,000, Deduct	-9.29	
		For >1,000, Deduct	-12.78	
		For 316 Stainless Steel, Add	149.79	
		For Aluminum, Add	8.43	
		For Galvanized Steel, Add	29.02	
		For 304 Stainless Steel, Add	133.41	
05 12 23 00-0580	LF	MC12 x 32.9 - 12" Wide Channel.....	99.20	37.00
		For >100 To 250, Deduct	-3.70	
		For >250 To 500, Deduct	-6.18	
		For >500 To 1,000, Deduct	-9.90	
		For >1,000, Deduct	-13.61	
		For 316 Stainless Steel, Add	159.49	
		For Aluminum, Add	8.97	
		For Galvanized Steel, Add	30.90	
		For 304 Stainless Steel, Add	142.04	
05 12 23 00-0581	LF	MC12 x 35 - 12" Wide Channel.....	105.52	39.37
		For >100 To 250, Deduct	-3.94	
		For >250 To 500, Deduct	-6.58	
		For >500 To 1,000, Deduct	-10.53	
		For >1,000, Deduct	-14.48	
		For 316 Stainless Steel, Add	169.66	
		For Aluminum, Add	9.54	
		For Galvanized Steel, Add	32.87	
		For 304 Stainless Steel, Add	151.11	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0582	LF		MC12 x 37 - 12" Wide Channel	111.56	41.63
			For >100 To 250, Deduct	-4.16	
			For >250 To 500, Deduct	-6.95	
			For >500 To 1,000, Deduct	-11.13	
			For >1,000, Deduct	-15.31	
			For 316 Stainless Steel, Add	179.36	
			For Aluminum, Add	10.09	
			For Galvanized Steel, Add	34.75	
			For 304 Stainless Steel, Add	159.74	
05 12 23 00-0583	LF		MC12 x 40 - 12" Wide Channel	120.60	45.00
			For >100 To 250, Deduct	-4.50	
			For >250 To 500, Deduct	-7.52	
			For >500 To 1,000, Deduct	-12.03	
			For >1,000, Deduct	-16.55	
			For 316 Stainless Steel, Add	193.92	
			For Aluminum, Add	10.91	
			For Galvanized Steel, Add	37.57	
			For 304 Stainless Steel, Add	172.71	
05 12 23 00-0584	LF		MC12 x 45 - 12" Wide Channel	135.68	50.63
			For >100 To 250, Deduct	-5.06	
			For >250 To 500, Deduct	-8.46	
			For >500 To 1,000, Deduct	-13.54	
			For >1,000, Deduct	-18.61	
			For 316 Stainless Steel, Add	218.14	
			For Aluminum, Add	12.27	
			For Galvanized Steel, Add	42.27	
			For 304 Stainless Steel, Add	194.28	
05 12 23 00-0585	LF		MC12 x 50 - 12" Wide Channel	150.75	56.25
			For >100 To 250, Deduct	-5.63	
			For >250 To 500, Deduct	-9.39	
			For >500 To 1,000, Deduct	-15.04	
			For >1,000, Deduct	-20.68	
			For 316 Stainless Steel, Add	242.40	
			For Aluminum, Add	13.64	
			For Galvanized Steel, Add	46.97	
			For 304 Stainless Steel, Add	215.89	
05 12 23 00-0586	LF		MC13 x 31.8 - 13" Wide Channel	95.89	35.78
			For >100 To 250, Deduct	-3.58	
			For >250 To 500, Deduct	-5.98	
			For >500 To 1,000, Deduct	-9.57	
			For >1,000, Deduct	-13.16	
			For 316 Stainless Steel, Add	154.18	
			For Aluminum, Add	8.67	
			For Galvanized Steel, Add	29.87	
			For 304 Stainless Steel, Add	137.31	
05 12 23 00-0587	LF		MC13 x 35 - 13" Wide Channel	105.52	39.37
			For >100 To 250, Deduct	-3.94	
			For >250 To 500, Deduct	-6.58	
			For >500 To 1,000, Deduct	-10.53	
			For >1,000, Deduct	-14.48	
			For 316 Stainless Steel, Add	169.66	
			For Aluminum, Add	9.54	
			For Galvanized Steel, Add	32.87	
			For 304 Stainless Steel, Add	151.11	
05 12 23 00-0588	LF		MC13 x 40 - 13" Wide Channel	120.60	45.00
			For >100 To 250, Deduct	-4.50	
			For >250 To 500, Deduct	-7.52	
			For >500 To 1,000, Deduct	-12.03	
			For >1,000, Deduct	-16.55	
			For 316 Stainless Steel, Add	193.92	
			For Aluminum, Add	10.91	
			For Galvanized Steel, Add	37.57	
			For 304 Stainless Steel, Add	172.71	
05 12 23 00-0589	LF		MC13 x 50 - 13" Wide Channel	150.75	56.25
			For >100 To 250, Deduct	-5.63	
			For >250 To 500, Deduct	-9.39	
			For >500 To 1,000, Deduct	-15.04	
			For >1,000, Deduct	-20.68	
			For 316 Stainless Steel, Add	242.40	
			For Aluminum, Add	13.64	
			For Galvanized Steel, Add	46.97	
			For 304 Stainless Steel, Add	215.89	
05 12 23 00-0590	LF		MC18 x 42.7 - 18" Wide Channel	128.74	48.04
			For >100 To 250, Deduct	-4.80	
			For >250 To 500, Deduct	-8.02	
			For >500 To 1,000, Deduct	-12.84	
			For >1,000, Deduct	-17.66	
			For 316 Stainless Steel, Add	207.01	
			For Aluminum, Add	11.64	
			For Galvanized Steel, Add	40.11	
			For 304 Stainless Steel, Add	184.37	
05 12 23 00-0591	LF		MC18 x 45.8 - 18" Wide Channel	138.09	51.53
			For >100 To 250, Deduct	-5.15	
			For >250 To 500, Deduct	-8.60	
			For >500 To 1,000, Deduct	-13.77	
			For >1,000, Deduct	-18.94	
			For 316 Stainless Steel, Add	222.05	
			For Aluminum, Add	12.49	
			For Galvanized Steel, Add	43.02	
			For 304 Stainless Steel, Add	197.76	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0592	LF	MC18 x 51.9 - 18" Wide Channel.....	156.49	58.39
		<i>For >100 To 250, Deduct</i>	-5.84	
		<i>For >250 To 500, Deduct</i>	-9.75	
		<i>For >500 To 1,000, Deduct</i>	-15.61	
		<i>For >1,000, Deduct</i>	-21.47	
		<i>For 316 Stainless Steel, Add</i>	251.62	
		<i>For Aluminum, Add</i>	14.15	
		<i>For Galvanized Steel, Add</i>	48.75	
		<i>For 304 Stainless Steel, Add</i>	224.10	
05 12 23 00-0593	LF	MC18 x 58 - 18" Wide Channel.....	174.87	65.25
		<i>For >100 To 250, Deduct</i>	-6.53	
		<i>For >250 To 500, Deduct</i>	-10.90	
		<i>For >500 To 1,000, Deduct</i>	-17.44	
		<i>For >1,000, Deduct</i>	-23.99	
		<i>For 316 Stainless Steel, Add</i>	281.18	
		<i>For Aluminum, Add</i>	15.82	
		<i>For Galvanized Steel, Add</i>	54.48	
		<i>For 304 Stainless Steel, Add</i>	250.43	

05 12 23 00-0594 Structural Bar Tees (05 12 23 00-0408)

05 12 23 00-0595	LF	3/4" x 3/4" x 1/8" Structural Bar Tee	5.22	2.99
		<i>For >100 To 250, Deduct</i>	-0.30	
		<i>For >250 To 500, Deduct</i>	-0.43	
		<i>For >500 To 1,000, Deduct</i>	-0.66	
		<i>For >1,000, Deduct</i>	-0.89	
		<i>For 316 Stainless Steel, Add</i>	3.94	
		<i>For Aluminum, Add</i>	0.22	
		<i>For Galvanized Steel, Add</i>	0.76	
		<i>For 304 Stainless Steel, Add</i>	3.51	
05 12 23 00-0596	LF	1" x 1" x 1/8" Structural Bar Tee	6.39	3.53
		<i>For >100 To 250, Deduct</i>	-0.35	
		<i>For >250 To 500, Deduct</i>	-0.51	
		<i>For >500 To 1,000, Deduct</i>	-0.79	
		<i>For >1,000, Deduct</i>	-1.07	
		<i>For 316 Stainless Steel, Add</i>	5.38	
		<i>For Aluminum, Add</i>	0.30	
		<i>For Galvanized Steel, Add</i>	1.04	
		<i>For 304 Stainless Steel, Add</i>	4.79	
05 12 23 00-0597	LF	1-1/2" x 1-1/2" x 1/4" Structural Bar Tee	10.23	4.07
		<i>For >100 To 250, Deduct</i>	-0.41	
		<i>For >250 To 500, Deduct</i>	-0.66	
		<i>For >500 To 1,000, Deduct</i>	-1.05	
		<i>For >1,000, Deduct</i>	-1.45	
		<i>For 316 Stainless Steel, Add</i>	15.36	
		<i>For Aluminum, Add</i>	0.86	
		<i>For Galvanized Steel, Add</i>	2.98	
		<i>For 304 Stainless Steel, Add</i>	13.68	
05 12 23 00-0598	LF	2" x 2" x 1/4" Structural Bar Tee	14.25	5.33
		<i>For >100 To 250, Deduct</i>	-0.53	
		<i>For >250 To 500, Deduct</i>	-0.89	
		<i>For >500 To 1,000, Deduct</i>	-1.42	
		<i>For >1,000, Deduct</i>	-1.96	
		<i>For 316 Stainless Steel, Add</i>	22.88	
		<i>For Aluminum, Add</i>	1.29	
		<i>For Galvanized Steel, Add</i>	4.43	
		<i>For 304 Stainless Steel, Add</i>	20.38	
05 12 23 00-0599	LF	2-1/2" x 2-1/2" x 3/8" Structural Bar Tee	21.43	6.43
		<i>For >100 To 250, Deduct</i>	-0.64	
		<i>For >250 To 500, Deduct</i>	-1.18	
		<i>For >500 To 1,000, Deduct</i>	-1.93	
		<i>For >1,000, Deduct</i>	-2.68	
		<i>For 316 Stainless Steel, Add</i>	41.12	
		<i>For Aluminum, Add</i>	2.31	
		<i>For Galvanized Steel, Add</i>	7.97	
		<i>For 304 Stainless Steel, Add</i>	36.62	
05 12 23 00-0600	LF	3" x 3" x 3/8" Structural Bar Tee	26.39	8.23
		<i>For >100 To 250, Deduct</i>	-0.82	
		<i>For >250 To 500, Deduct</i>	-1.48	
		<i>For >500 To 1,000, Deduct</i>	-2.42	
		<i>For >1,000, Deduct</i>	-3.35	
		<i>For 316 Stainless Steel, Add</i>	49.34	
		<i>For Aluminum, Add</i>	2.78	
		<i>For Galvanized Steel, Add</i>	9.56	
		<i>For 304 Stainless Steel, Add</i>	43.95	

05 12 23 00-0601 Structural Zees (05 12 23 00-0408)

05 12 23 00-0602	LF	1-1/4" x 1-3/4" x 1-3/4" x 3/16" Structural Zee.....	12.59	4.07
		<i>For >100 To 250, Deduct</i>	-0.41	
		<i>For >250 To 500, Deduct</i>	-0.72	
		<i>For >500 To 1,000, Deduct</i>	-1.17	
		<i>For >1,000, Deduct</i>	-1.62	
		<i>For 316 Stainless Steel, Add</i>	22.91	
		<i>For Aluminum, Add</i>	1.29	
		<i>For Galvanized Steel, Add</i>	4.44	
		<i>For 304 Stainless Steel, Add</i>	20.41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0603	LF		2-11/16" x 3" x 2-11/16" x 1/4" Structural Zee.....	23.62	4.86
			For >100 To 250, Deduct	-0.49	
			For >250 To 500, Deduct	-1.08	
			For >500 To 1,000, Deduct	-1.83	
			For >1,000, Deduct	-2.58	
			For 316 Stainless Steel, Add	54.85	
			For Aluminum, Add	3.09	
			For Galvanized Steel, Add	10.63	
			For 304 Stainless Steel, Add	48.85	
05 12 23 00-0604	LF		3-1/16" x 4" x 3-1/16" x 1/4" Structural Zee.....	28.29	5.49
			For >100 To 250, Deduct	-0.55	
			For >250 To 500, Deduct	-1.26	
			For >500 To 1,000, Deduct	-2.15	
			For >1,000, Deduct	-3.04	
			For 316 Stainless Steel, Add	67.10	
			For Aluminum, Add	3.77	
			For Galvanized Steel, Add	13.00	
			For 304 Stainless Steel, Add	59.76	
05 12 23 00-0605	LF		3-1/4" x 5" x 3-1/4" x 5/16" Structural Zee.....	38.03	6.27
			For >100 To 250, Deduct	-0.63	
			For >250 To 500, Deduct	-1.58	
			For >500 To 1,000, Deduct	-2.74	
			For >1,000, Deduct	-3.90	
			For 316 Stainless Steel, Add	94.94	
			For Aluminum, Add	5.34	
			For Galvanized Steel, Add	18.40	
			For 304 Stainless Steel, Add	84.56	
05 12 23 00-0606	LF		3-1/2" x 6" x 3-1/2" x 3/8" Structural Zee.....	49.26	6.82
			For >100 To 250, Deduct	-0.68	
			For >250 To 500, Deduct	-1.91	
			For >500 To 1,000, Deduct	-3.37	
			For >1,000, Deduct	-4.83	
			For 316 Stainless Steel, Add	128.51	
			For Aluminum, Add	7.23	
			For Galvanized Steel, Add	24.90	
			For 304 Stainless Steel, Add	114.46	
05 12 23 00-0607			Junior I-Beams (05 12 23 00-0408)		
05 12 23 00-0608	LF		3" Junior I-Beam, 2.9 LB/LF.....	17.28	5.88
			For >100 To 250, Deduct	-0.59	
			For >250 To 500, Deduct	-1.02	
			For >500 To 1,000, Deduct	-1.65	
			For >1,000, Deduct	-2.28	
			For 316 Stainless Steel, Add	30.21	
			For Aluminum, Add	1.70	
			For Galvanized Steel, Add	5.85	
			For 304 Stainless Steel, Add	26.90	
05 12 23 00-0609	LF		4" Junior I-Beam, 3.2 LB/LF.....	19.00	6.43
			For >100 To 250, Deduct	-0.64	
			For >250 To 500, Deduct	-1.12	
			For >500 To 1,000, Deduct	-1.81	
			For >1,000, Deduct	-2.50	
			For 316 Stainless Steel, Add	33.34	
			For Aluminum, Add	1.88	
			For Galvanized Steel, Add	6.46	
			For 304 Stainless Steel, Add	29.70	
05 12 23 00-0610	LF		5" Junior I-Beam, 3.8 LB/LF.....	21.78	7.05
			For >100 To 250, Deduct	-0.71	
			For >250 To 500, Deduct	-1.25	
			For >500 To 1,000, Deduct	-2.03	
			For >1,000, Deduct	-2.81	
			For 316 Stainless Steel, Add	39.58	
			For Aluminum, Add	2.23	
			For Galvanized Steel, Add	7.67	
			For 304 Stainless Steel, Add	35.25	
05 12 23 00-0611	LF		6" Junior I-Beam, 4.4 LB/LF.....	24.57	7.69
			For >100 To 250, Deduct	-0.77	
			For >250 To 500, Deduct	-1.38	
			For >500 To 1,000, Deduct	-2.25	
			For >1,000, Deduct	-3.12	
			For 316 Stainless Steel, Add	45.82	
			For Aluminum, Add	2.58	
			For Galvanized Steel, Add	8.88	
			For 304 Stainless Steel, Add	40.81	
05 12 23 00-0612	LF		7" Junior I-Beam, 5.5 LB/LF.....	28.87	8.23
			For >100 To 250, Deduct	-0.82	
			For >250 To 500, Deduct	-1.54	
			For >500 To 1,000, Deduct	-2.54	
			For >1,000, Deduct	-3.54	
			For 316 Stainless Steel, Add	57.28	
			For Aluminum, Add	3.22	
			For Galvanized Steel, Add	11.10	
			For 304 Stainless Steel, Add	51.02	

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0613	LF	8" Junior I-Beam, 6.5 LB/LF.....	32.87	8.78
		<i>For >100 To 250, Deduct</i>	-0.88	
		<i>For >250 To 500, Deduct</i>	-1.70	
		<i>For >500 To 1,000, Deduct</i>	-2.81	
		<i>For >1,000, Deduct</i>	-3.93	
		<i>For 316 Stainless Steel, Add</i>	67.71	
		<i>For Aluminum, Add</i>	3.81	
		<i>For Galvanized Steel, Add</i>	13.12	
		<i>For 304 Stainless Steel, Add</i>	60.31	
05 12 23 00-0614	LF	10" Junior I-Beam, 9 LB/LF.....	42.68	10.04
		<i>For >100 To 250, Deduct</i>	-1.00	
		<i>For >250 To 500, Deduct</i>	-2.07	
		<i>For >500 To 1,000, Deduct</i>	-3.47	
		<i>For >1,000, Deduct</i>	-4.87	
		<i>For 316 Stainless Steel, Add</i>	93.76	
		<i>For Aluminum, Add</i>	5.27	
		<i>For Galvanized Steel, Add</i>	18.17	
		<i>For 304 Stainless Steel, Add</i>	83.51	
05 12 23 00-0615	LF	12" Junior I-Beam, 11.8 LB/LF.....	54.30	11.92
		<i>For >100 To 250, Deduct</i>	-1.19	
		<i>For >250 To 500, Deduct</i>	-2.55	
		<i>For >500 To 1,000, Deduct</i>	-4.30	
		<i>For >1,000, Deduct</i>	-6.06	
		<i>For 316 Stainless Steel, Add</i>	122.91	
		<i>For Aluminum, Add</i>	6.91	
		<i>For Galvanized Steel, Add</i>	23.81	
		<i>For 304 Stainless Steel, Add</i>	109.47	

05 12 23 00-0616 Round Stock (05 12 23 00-0408)

05 12 23 00-0617	LF	1/4" Carbon Steel Rounds, ASTM A108.....	2.44	
		<i>For 316 Stainless Steel, Add</i>	4.45	
		<i>For Aluminum, Add</i>	0.25	
		<i>For Galvanized Steel, Add</i>	0.86	
		<i>For 304 Stainless Steel, Add</i>	3.96	
05 12 23 00-0618	LF	3/8" Carbon Steel Rounds, ASTM A108.....	3.93	
		<i>For 316 Stainless Steel, Add</i>	8.77	
		<i>For Aluminum, Add</i>	0.49	
		<i>For Galvanized Steel, Add</i>	1.70	
		<i>For 304 Stainless Steel, Add</i>	7.81	
05 12 23 00-0619	LF	1/2" Carbon Steel Rounds, ASTM A108.....	5.49	
		<i>For 316 Stainless Steel, Add</i>	13.38	
		<i>For Aluminum, Add</i>	0.75	
		<i>For Galvanized Steel, Add</i>	2.59	
		<i>For 304 Stainless Steel, Add</i>	11.91	
05 12 23 00-0620	LF	5/8" Carbon Steel Rounds, ASTM A108.....	8.42	
		<i>For 316 Stainless Steel, Add</i>	22.30	
		<i>For Aluminum, Add</i>	1.25	
		<i>For Galvanized Steel, Add</i>	4.32	
		<i>For 304 Stainless Steel, Add</i>	19.86	
05 12 23 00-0621	LF	3/4" Carbon Steel Rounds, ASTM A108.....	10.02	
		<i>For 316 Stainless Steel, Add</i>	26.50	
		<i>For Aluminum, Add</i>	1.49	
		<i>For Galvanized Steel, Add</i>	5.13	
		<i>For 304 Stainless Steel, Add</i>	23.60	
05 12 23 00-0622	LF	7/8" Carbon Steel Rounds, ASTM A108.....	11.69	
		<i>For 316 Stainless Steel, Add</i>	30.94	
		<i>For Aluminum, Add</i>	1.74	
		<i>For Galvanized Steel, Add</i>	6.00	
		<i>For 304 Stainless Steel, Add</i>	27.56	
05 12 23 00-0623	LF	1" Carbon Steel Rounds, ASTM A108.....	17.12	
		<i>For 316 Stainless Steel, Add</i>	47.17	
		<i>For Aluminum, Add</i>	2.65	
		<i>For Galvanized Steel, Add</i>	9.14	
		<i>For 304 Stainless Steel, Add</i>	42.01	
05 12 23 00-0624	LF	1-1/8" Carbon Steel Rounds, ASTM A108.....	20.80	
		<i>For 316 Stainless Steel, Add</i>	57.28	
		<i>For Aluminum, Add</i>	3.22	
		<i>For Galvanized Steel, Add</i>	11.10	
		<i>For 304 Stainless Steel, Add</i>	51.02	
05 12 23 00-0625	LF	1-1/4" Carbon Steel Rounds, ASTM A108.....	24.81	
		<i>For 316 Stainless Steel, Add</i>	67.42	
		<i>For Aluminum, Add</i>	3.79	
		<i>For Galvanized Steel, Add</i>	13.06	
		<i>For 304 Stainless Steel, Add</i>	60.05	
05 12 23 00-0626	LF	1-3/8" Carbon Steel Rounds, ASTM A108.....	30.06	
		<i>For 316 Stainless Steel, Add</i>	82.27	
		<i>For Aluminum, Add</i>	4.63	
		<i>For Galvanized Steel, Add</i>	15.94	
		<i>For 304 Stainless Steel, Add</i>	73.27	
05 12 23 00-0627	LF	1-1/2" Carbon Steel Rounds, ASTM A108.....	33.43	
		<i>For 316 Stainless Steel, Add</i>	90.24	
		<i>For Aluminum, Add</i>	5.08	
		<i>For Galvanized Steel, Add</i>	17.48	
		<i>For 304 Stainless Steel, Add</i>	80.37	
05 12 23 00-0628	LF	1-5/8" Carbon Steel Rounds, ASTM A108.....	38.49	
		<i>For 316 Stainless Steel, Add</i>	102.27	
		<i>For Aluminum, Add</i>	5.75	
		<i>For Galvanized Steel, Add</i>	19.82	
		<i>For 304 Stainless Steel, Add</i>	91.09	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 12 23 00-0629	LF	1-3/4" Carbon Steel Rounds, ASTM A108.....		45.92	
		For 316 Stainless Steel, Add		119.04	
		For Aluminum, Add		6.70	
		For Galvanized Steel, Add		23.06	
		For 304 Stainless Steel, Add		106.02	
05 12 23 00-0630	LF	1-7/8" Carbon Steel Rounds, ASTM A108.....		55.07	
		For 316 Stainless Steel, Add		139.42	
		For Aluminum, Add		7.84	
		For Galvanized Steel, Add		27.01	
		For 304 Stainless Steel, Add		124.17	
05 12 23 00-0631	LF	2" Carbon Steel Rounds, ASTM A108.....		62.70	
		For 316 Stainless Steel, Add		155.10	
		For Aluminum, Add		8.72	
		For Galvanized Steel, Add		30.05	
		For 304 Stainless Steel, Add		138.14	
05 12 23 00-0632	LF	2-1/8" Carbon Steel Rounds, ASTM A108.....		73.04	
		For 316 Stainless Steel, Add		177.12	
		For Aluminum, Add		9.96	
		For Galvanized Steel, Add		34.32	
		For 304 Stainless Steel, Add		157.75	
05 12 23 00-0633	LF	2-1/4" Carbon Steel Rounds, ASTM A108.....		82.58	
		For 316 Stainless Steel, Add		199.17	
		For Aluminum, Add		11.20	
		For Galvanized Steel, Add		38.59	
		For 304 Stainless Steel, Add		177.38	
05 12 23 00-0634	LF	2-3/8" Carbon Steel Rounds, ASTM A108.....		94.58	
		For 316 Stainless Steel, Add		227.81	
		For Aluminum, Add		12.81	
		For Galvanized Steel, Add		44.14	
		For 304 Stainless Steel, Add		202.89	
05 12 23 00-0635	LF	2-1/2" Carbon Steel Rounds, ASTM A108.....		104.18	
		For 316 Stainless Steel, Add		245.50	
		For Aluminum, Add		13.81	
		For Galvanized Steel, Add		47.57	
		For 304 Stainless Steel, Add		218.65	
05 12 23 00-0636	LF	2-5/8" Carbon Steel Rounds, ASTM A108.....		127.96	
		For 316 Stainless Steel, Add		311.84	
		For Aluminum, Add		17.54	
		For Galvanized Steel, Add		60.42	
		For 304 Stainless Steel, Add		277.73	
05 12 23 00-0637	LF	2-3/4" Carbon Steel Rounds, ASTM A108.....		145.71	
		For 316 Stainless Steel, Add		355.62	
		For Aluminum, Add		20.00	
		For Galvanized Steel, Add		68.90	
		For 304 Stainless Steel, Add		316.72	
05 12 23 00-0638	LF	2-7/8" Carbon Steel Rounds, ASTM A108.....		162.49	
		For 316 Stainless Steel, Add		396.29	
		For Aluminum, Add		22.29	
		For Galvanized Steel, Add		76.78	
		For 304 Stainless Steel, Add		352.94	
05 12 23 00-0639	LF	3" Carbon Steel Rounds, ASTM A108.....		170.26	
		For 316 Stainless Steel, Add		408.16	
		For Aluminum, Add		22.96	
		For Galvanized Steel, Add		79.08	
		For 304 Stainless Steel, Add		363.52	
05 12 23 00-0640	LF	3-1/8" Carbon Steel Rounds, ASTM A108.....		177.17	
		For 316 Stainless Steel, Add		417.22	
		For Aluminum, Add		23.47	
		For Galvanized Steel, Add		80.84	
		For 304 Stainless Steel, Add		371.58	
05 12 23 00-0641	LF	3-1/4" Carbon Steel Rounds, ASTM A108.....		186.56	
		For 316 Stainless Steel, Add		434.24	
		For Aluminum, Add		24.43	
		For Galvanized Steel, Add		84.13	
		For 304 Stainless Steel, Add		386.75	
05 12 23 00-0642	LF	3-1/2" Carbon Steel Rounds, ASTM A108.....		228.12	
		For 316 Stainless Steel, Add		550.98	
		For Aluminum, Add		30.99	
		For Galvanized Steel, Add		106.75	
		For 304 Stainless Steel, Add		490.71	
05 12 23 00-0643	LF	3-5/8" Carbon Steel Rounds, ASTM A108.....		253.65	
		For 316 Stainless Steel, Add		616.38	
		For Aluminum, Add		34.67	
		For Galvanized Steel, Add		119.42	
		For 304 Stainless Steel, Add		548.97	
05 12 23 00-0644	LF	3-3/4" Carbon Steel Rounds, ASTM A108.....		272.15	
		For 316 Stainless Steel, Add		659.33	
		For Aluminum, Add		37.09	
		For Galvanized Steel, Add		127.74	
		For 304 Stainless Steel, Add		587.21	
05 12 23 00-0645	LF	4" Carbon Steel Rounds, ASTM A108.....		305.78	
		For 316 Stainless Steel, Add		750.69	
		For Aluminum, Add		42.23	
		For Galvanized Steel, Add		145.45	
		For 304 Stainless Steel, Add		668.58	

05 12 23 00-0646 Square Stock (05 12 23 00-0408)

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0647	LF 3/8" Square Bar Stock	1.91	
	For 316 Stainless Steel, Add	2.30	
	For Aluminum, Add	0.13	
	For Galvanized Steel, Add	0.45	
	For 304 Stainless Steel, Add	2.05	
05 12 23 00-0648	LF 1/2" Square Bar Stock	2.59	
	For 316 Stainless Steel, Add	4.10	
	For Aluminum, Add	0.23	
	For Galvanized Steel, Add	0.79	
	For 304 Stainless Steel, Add	3.65	
05 12 23 00-0649	LF 5/8" Square Bar Stock	3.45	
	For 316 Stainless Steel, Add	6.40	
	For Aluminum, Add	0.36	
	For Galvanized Steel, Add	1.24	
	For 304 Stainless Steel, Add	5.70	
05 12 23 00-0650	LF 3/4" Square Bar Stock	4.62	
	For 316 Stainless Steel, Add	9.22	
	For Aluminum, Add	0.52	
	For Galvanized Steel, Add	1.79	
	For 304 Stainless Steel, Add	8.21	
05 12 23 00-0651	LF 7/8" Square Bar Stock	6.04	
	For 316 Stainless Steel, Add	12.86	
	For Aluminum, Add	0.72	
	For Galvanized Steel, Add	2.49	
	For 304 Stainless Steel, Add	11.46	
05 12 23 00-0652	LF 1" Square Bar Stock	7.52	
	For 316 Stainless Steel, Add	16.45	
	For Aluminum, Add	0.93	
	For Galvanized Steel, Add	3.19	
	For 304 Stainless Steel, Add	14.65	
05 12 23 00-0653	LF 1-1/4" Square Bar Stock	11.76	
	For 316 Stainless Steel, Add	25.66	
	For Aluminum, Add	1.44	
	For Galvanized Steel, Add	4.97	
	For 304 Stainless Steel, Add	22.86	
05 12 23 00-0654	LF 1-1/2" Square Bar Stock	16.79	
	For 316 Stainless Steel, Add	36.99	
	For Aluminum, Add	2.08	
	For Galvanized Steel, Add	7.17	
	For 304 Stainless Steel, Add	32.95	
05 12 23 00-0655	LF 1-3/4" Square Bar Stock	24.79	
	For 316 Stainless Steel, Add	51.42	
	For Aluminum, Add	2.89	
	For Galvanized Steel, Add	9.96	
	For 304 Stainless Steel, Add	45.80	
05 12 23 00-0656	LF 2" Square Bar Stock	35.19	
	For 316 Stainless Steel, Add	65.79	
	For Aluminum, Add	3.70	
	For Galvanized Steel, Add	12.75	
	For 304 Stainless Steel, Add	58.60	
05 12 23 00-0657	Steel Tubing (05 12 23 00-0408)		
	Note: General purpose low-carbon steel.		
05 12 23 00-0658	Square Steel Tubing (05 12 23 00-0657)		
05 12 23 00-0659	0.06" Wall Thickness (05 12 23 00-0658)		
05 12 23 00-0660	LF 1/2" x 1/2" x 0.06" Square Steel Tubing	2.64	0.56
	For >100 To 250, Deduct	-0.06	
	For >250 To 500, Deduct	-0.12	
	For >500 To 1,000, Deduct	-0.21	
	For >1,000, Deduct	-0.29	
	For Galvanized Steel, Add	1.17	
05 12 23 00-0661	LF 3/4" x 3/4" x 0.06" Square Steel Tubing	4.06	0.89
	For >100 To 250, Deduct	-0.09	
	For >250 To 500, Deduct	-0.19	
	For >500 To 1,000, Deduct	-0.32	
	For >1,000, Deduct	-0.45	
	For Galvanized Steel, Add	1.79	
05 12 23 00-0662	LF 1" x 1" x 0.06" Square Steel Tubing	5.45	1.60
	For >100 To 250, Deduct	-0.12	
	For >250 To 500, Deduct	-0.26	
	For >500 To 1,000, Deduct	-0.43	
	For >1,000, Deduct	-0.61	
	For Galvanized Steel, Add	2.39	
05 12 23 00-0663	LF 1-1/4" x 1-1/4" x 0.06" Square Steel Tubing	7.22	1.52
	For >100 To 250, Deduct	-0.15	
	For >250 To 500, Deduct	-0.33	
	For >500 To 1,000, Deduct	-0.57	
	For >1,000, Deduct	-0.80	
	For Galvanized Steel, Add	3.21	
05 12 23 00-0664	LF 1-1/2" x 1-1/2" x 0.06" Square Steel Tubing	8.55	1.84
	For >100 To 250, Deduct	-0.18	
	For >250 To 500, Deduct	-0.40	
	For >500 To 1,000, Deduct	-0.67	
	For >1,000, Deduct	-0.95	
	For Galvanized Steel, Add	3.78	
05 12 23 00-0665	0.083" Wall Thickness (05 12 23 00-0658)		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23	00-0666	LF		3/4" x 3/4" x 0.083" Square Steel Tubing	4.72	1.04
				For >100 To 250, Deduct	-0.10	
				For >250 To 500, Deduct	-0.22	
				For >500 To 1,000, Deduct	-0.37	
				For >1,000, Deduct	-0.53	
				For Galvanized Steel, Add	2.07	
05 12 23	00-0667	LF		1" x 1" x 0.083" Square Steel Tubing	6.88	1.42
				For >100 To 250, Deduct	-0.14	
				For >250 To 500, Deduct	-0.31	
				For >500 To 1,000, Deduct	-0.53	
				For >1,000, Deduct	-0.75	
				For Galvanized Steel, Add	3.09	
05 12 23	00-0668	LF		1-1/4" x 1-1/4" x 0.083" Square Steel Tubing	8.30	1.80
				For >100 To 250, Deduct	-0.18	
				For >250 To 500, Deduct	-0.39	
				For >500 To 1,000, Deduct	-0.66	
				For >1,000, Deduct	-0.92	
				For Galvanized Steel, Add	3.65	
05 12 23	00-0669	LF		1-1/2" x 1-1/2" x 0.083" Square Steel Tubing	10.04	2.20
				For >100 To 250, Deduct	-0.22	
				For >250 To 500, Deduct	-0.47	
				For >500 To 1,000, Deduct	-0.80	
				For >1,000, Deduct	-1.12	
				For Galvanized Steel, Add	4.41	
05 12 23	00-0670	LF		2" x 2" x 0.083" Square Steel Tubing	12.85	2.93
				For >100 To 250, Deduct	-0.29	
				For >250 To 500, Deduct	-0.61	
				For >500 To 1,000, Deduct	-1.03	
				For >1,000, Deduct	-1.45	
				For Galvanized Steel, Add	5.55	
05 12 23	00-0671			0.12" Wall Thickness (05 12 23 00-0658)		
05 12 23	00-0672	LF		1" x 1" x 0.12" Square Steel Tubing	7.58	1.69
				For >100 To 250, Deduct	-0.17	
				For >250 To 500, Deduct	-0.36	
				For >500 To 1,000, Deduct	-0.61	
				For >1,000, Deduct	-0.85	
				For Galvanized Steel, Add	3.30	
05 12 23	00-0673	LF		1-1/4" x 1-1/4" x 0.12" Square Steel Tubing	9.76	2.17
				For >100 To 250, Deduct	-0.22	
				For >250 To 500, Deduct	-0.46	
				For >500 To 1,000, Deduct	-0.78	
				For >1,000, Deduct	-1.09	
				For Galvanized Steel, Add	4.26	
05 12 23	00-0674	LF		1-1/2" x 1-1/2" x 0.12" Square Steel Tubing	11.99	2.65
				For >100 To 250, Deduct	-0.27	
				For >250 To 500, Deduct	-0.57	
				For >500 To 1,000, Deduct	-0.95	
				For >1,000, Deduct	-1.34	
				For Galvanized Steel, Add	5.24	
05 12 23	00-0675	LF		2" x 2" x 0.12" Square Steel Tubing	16.22	3.61
				For >100 To 250, Deduct	-0.36	
				For >250 To 500, Deduct	-0.77	
				For >500 To 1,000, Deduct	-1.29	
				For >1,000, Deduct	-1.82	
				For Galvanized Steel, Add	7.07	
05 12 23	00-0676			1/8" Wall Thickness (05 12 23 00-0658)		
05 12 23	00-0677	LF		2" x 2" x 1/8" Square Steel Tubing	14.51	3.75
				For >100 To 250, Deduct	-0.38	
				For >250 To 500, Deduct	-0.74	
				For >500 To 1,000, Deduct	-1.23	
				For >1,000, Deduct	-1.71	
				For Galvanized Steel, Add	5.89	
05 12 23	00-0678	LF		2-1/2" x 2-1/2" x 1/8" Square Steel Tubing	19.18	4.76
				For >100 To 250, Deduct	-0.48	
				For >250 To 500, Deduct	-0.96	
				For >500 To 1,000, Deduct	-1.59	
				For >1,000, Deduct	-2.23	
				For Galvanized Steel, Add	7.96	
05 12 23	00-0679	LF		3" x 3" x 1/8" Square Steel Tubing	22.43	5.75
				For >100 To 250, Deduct	-0.58	
				For >250 To 500, Deduct	-1.14	
				For >500 To 1,000, Deduct	-1.89	
				For >1,000, Deduct	-2.64	
				For Galvanized Steel, Add	9.15	
05 12 23	00-0680	LF		3-1/2" x 3-1/2" x 1/8" Square Steel Tubing	25.98	6.75
				For >100 To 250, Deduct	-0.68	
				For >250 To 500, Deduct	-1.33	
				For >500 To 1,000, Deduct	-2.20	
				For >1,000, Deduct	-3.07	
				For Galvanized Steel, Add	10.52	
05 12 23	00-0681	LF		4" x 4" x 1/8" Square Steel Tubing	28.56	7.76
				For >100 To 250, Deduct	-0.78	
				For >250 To 500, Deduct	-1.49	
				For >500 To 1,000, Deduct	-2.46	
				For >1,000, Deduct	-3.43	
				For Galvanized Steel, Add	11.30	

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0682	3/16" Wall Thickness (05 12 23 00-0658)		
05 12 23 00-0683	LF 2" x 2" x 3/16" Square Steel Tubing.....	16.45	4.23
	For >100 To 250, Deduct	-0.42	
	For >250 To 500, Deduct	-0.83	
	For >500 To 1,000, Deduct	-1.39	
	For >1,000, Deduct	-1.94	
	For Galvanized Steel, Add	6.70	
05 12 23 00-0684	LF 2-1/2" x 2-1/2" x 3/16" Square Steel Tubing.....	21.30	5.48
	For >100 To 250, Deduct	-0.55	
	For >250 To 500, Deduct	-1.08	
	For >500 To 1,000, Deduct	-1.80	
	For >1,000, Deduct	-2.51	
	For Galvanized Steel, Add	8.67	
05 12 23 00-0685	LF 3" x 3" x 3/16" Square Steel Tubing.....	26.18	6.73
	For >100 To 250, Deduct	-0.67	
	For >250 To 500, Deduct	-1.33	
	For >500 To 1,000, Deduct	-2.21	
	For >1,000, Deduct	-3.09	
	For Galvanized Steel, Add	10.66	
05 12 23 00-0686	LF 3-1/2" x 3-1/2" x 3/16" Square Steel Tubing.....	31.05	7.99
	For >100 To 250, Deduct	-0.80	
	For >250 To 500, Deduct	-1.58	
	For >500 To 1,000, Deduct	-2.62	
	For >1,000, Deduct	-3.66	
	For Galvanized Steel, Add	12.65	
05 12 23 00-0687	LF 4" x 4" x 3/16" Square Steel Tubing.....	35.89	9.23
	For >100 To 250, Deduct	-0.92	
	For >250 To 500, Deduct	-1.82	
	For >500 To 1,000, Deduct	-3.03	
	For >1,000, Deduct	-4.23	
	For Galvanized Steel, Add	14.62	
05 12 23 00-0688	LF 4-1/2" x 4-1/2" x 3/16" Square Steel Tubing.....	40.77	10.49
	For >100 To 250, Deduct	-1.05	
	For >250 To 500, Deduct	-2.07	
	For >500 To 1,000, Deduct	-3.44	
	For >1,000, Deduct	-4.81	
	For Galvanized Steel, Add	16.60	
05 12 23 00-0689	LF 5" x 5" x 3/16" Square Steel Tubing.....	45.60	11.73
	For >100 To 250, Deduct	-1.17	
	For >250 To 500, Deduct	-2.31	
	For >500 To 1,000, Deduct	-3.84	
	For >1,000, Deduct	-5.38	
	For Galvanized Steel, Add	18.58	
05 12 23 00-0690	LF 6" x 6" x 3/16" Square Steel Tubing.....	55.36	14.24
	For >100 To 250, Deduct	-1.42	
	For >250 To 500, Deduct	-2.81	
	For >500 To 1,000, Deduct	-4.67	
	For >1,000, Deduct	-6.53	
	For Galvanized Steel, Add	22.55	
05 12 23 00-0691	1/4" Wall Thickness (05 12 23 00-0658)		
05 12 23 00-0692	LF 2" x 2" x 1/4" Square Steel Tubing.....	17.60	4.24
	For >100 To 250, Deduct	-0.42	
	For >250 To 500, Deduct	-0.86	
	For >500 To 1,000, Deduct	-1.45	
	For >1,000, Deduct	-2.03	
	For Galvanized Steel, Add	7.41	
05 12 23 00-0693	LF 2-1/2" x 2-1/2" x 1/4" Square Steel Tubing.....	23.15	5.57
	For >100 To 250, Deduct	-0.56	
	For >250 To 500, Deduct	-1.14	
	For >500 To 1,000, Deduct	-1.90	
	For >1,000, Deduct	-2.67	
	For Galvanized Steel, Add	9.74	
05 12 23 00-0694	LF 3" x 3" x 1/4" Square Steel Tubing.....	28.67	6.90
	For >100 To 250, Deduct	-0.69	
	For >250 To 500, Deduct	-1.41	
	For >500 To 1,000, Deduct	-2.35	
	For >1,000, Deduct	-3.30	
	For Galvanized Steel, Add	12.07	
05 12 23 00-0695	LF 3-1/2" x 3-1/2" x 1/4" Square Steel Tubing.....	34.20	8.24
	For >100 To 250, Deduct	-0.82	
	For >250 To 500, Deduct	-1.68	
	For >500 To 1,000, Deduct	-2.81	
	For >1,000, Deduct	-3.94	
	For Galvanized Steel, Add	14.40	
05 12 23 00-0696	LF 4" x 4" x 1/4" Square Steel Tubing.....	39.74	9.57
	For >100 To 250, Deduct	-0.96	
	For >250 To 500, Deduct	-1.95	
	For >500 To 1,000, Deduct	-3.26	
	For >1,000, Deduct	-4.58	
	For Galvanized Steel, Add	16.72	
05 12 23 00-0697	LF 4-1/2" x 4-1/2" x 1/4" Square Steel Tubing.....	45.27	10.90
	For >100 To 250, Deduct	-1.09	
	For >250 To 500, Deduct	-2.22	
	For >500 To 1,000, Deduct	-3.72	
	For >1,000, Deduct	-5.21	
	For Galvanized Steel, Add	19.05	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 12 23 00-0698	LF	5" x 5" x 1/4" Square Steel Tubing.....		50.84	12.24
		<i>For >100 To 250, Deduct</i>		-1.22	
		<i>For >250 To 500, Deduct</i>		-2.50	
		<i>For >500 To 1,000, Deduct</i>		-4.18	
		<i>For >1,000, Deduct</i>		-5.85	
		<i>For Galvanized Steel, Add</i>		21.40	
05 12 23 00-0699	LF	6" x 6" x 1/4" Square Steel Tubing.....		61.90	14.91
		<i>For >100 To 250, Deduct</i>		-1.49	
		<i>For >250 To 500, Deduct</i>		-3.04	
		<i>For >500 To 1,000, Deduct</i>		-5.08	
		<i>For >1,000, Deduct</i>		-7.13	
		<i>For Galvanized Steel, Add</i>		26.05	
05 12 23 00-0700		Rectangular Steel Tubing (05 12 23 00-0657)			
05 12 23 00-0701		3/16" Wall Thickness (05 12 23 00-0700)			
05 12 23 00-0702	LF	3" x 2" x 3/16" Square Steel Tubing.....		21.30	5.48
		<i>For >100 To 250, Deduct</i>		-0.55	
		<i>For >250 To 500, Deduct</i>		-1.08	
		<i>For >500 To 1,000, Deduct</i>		-1.80	
		<i>For >1,000, Deduct</i>		-2.51	
		<i>For Galvanized Steel, Add</i>		8.67	
05 12 23 00-0703	LF	4" x 2" x 3/16" Square Steel Tubing.....		26.18	6.73
		<i>For >100 To 250, Deduct</i>		-0.67	
		<i>For >250 To 500, Deduct</i>		-1.33	
		<i>For >500 To 1,000, Deduct</i>		-2.21	
		<i>For >1,000, Deduct</i>		-3.09	
		<i>For Galvanized Steel, Add</i>		10.66	
05 12 23 00-0704	LF	4" x 3" x 3/16" Square Steel Tubing.....		31.05	7.99
		<i>For >100 To 250, Deduct</i>		-0.80	
		<i>For >250 To 500, Deduct</i>		-1.58	
		<i>For >500 To 1,000, Deduct</i>		-2.62	
		<i>For >1,000, Deduct</i>		-3.66	
		<i>For Galvanized Steel, Add</i>		12.65	
05 12 23 00-0705	LF	5" x 2" x 3/16" Square Steel Tubing.....		31.05	7.99
		<i>For >100 To 250, Deduct</i>		-0.80	
		<i>For >250 To 500, Deduct</i>		-1.58	
		<i>For >500 To 1,000, Deduct</i>		-2.62	
		<i>For >1,000, Deduct</i>		-3.66	
		<i>For Galvanized Steel, Add</i>		12.65	
05 12 23 00-0706	LF	5" x 3" x 3/16" Square Steel Tubing.....		35.89	9.23
		<i>For >100 To 250, Deduct</i>		-0.92	
		<i>For >250 To 500, Deduct</i>		-1.82	
		<i>For >500 To 1,000, Deduct</i>		-3.03	
		<i>For >1,000, Deduct</i>		-4.23	
		<i>For Galvanized Steel, Add</i>		14.62	
05 12 23 00-0707	LF	5" x 4" x 3/16" Square Steel Tubing.....		40.77	10.49
		<i>For >100 To 250, Deduct</i>		-1.05	
		<i>For >250 To 500, Deduct</i>		-2.07	
		<i>For >500 To 1,000, Deduct</i>		-3.44	
		<i>For >1,000, Deduct</i>		-4.81	
		<i>For Galvanized Steel, Add</i>		16.60	
05 12 23 00-0708	LF	6" x 2" x 3/16" Square Steel Tubing.....		35.89	9.23
		<i>For >100 To 250, Deduct</i>		-0.92	
		<i>For >250 To 500, Deduct</i>		-1.82	
		<i>For >500 To 1,000, Deduct</i>		-3.03	
		<i>For >1,000, Deduct</i>		-4.23	
		<i>For Galvanized Steel, Add</i>		14.62	
05 12 23 00-0709	LF	6" x 3" x 3/16" Square Steel Tubing.....		40.77	10.49
		<i>For >100 To 250, Deduct</i>		-1.05	
		<i>For >250 To 500, Deduct</i>		-2.07	
		<i>For >500 To 1,000, Deduct</i>		-3.44	
		<i>For >1,000, Deduct</i>		-4.81	
		<i>For Galvanized Steel, Add</i>		16.60	
05 12 23 00-0710	LF	6" x 4" x 3/16" Square Steel Tubing.....		45.60	11.73
		<i>For >100 To 250, Deduct</i>		-1.17	
		<i>For >250 To 500, Deduct</i>		-2.31	
		<i>For >500 To 1,000, Deduct</i>		-3.84	
		<i>For >1,000, Deduct</i>		-5.38	
		<i>For Galvanized Steel, Add</i>		18.58	
05 12 23 00-0711		1/4" Wall Thickness (05 12 23 00-0700)			
05 12 23 00-0712	LF	3" x 2" x 1/4" Square Steel Tubing.....		23.15	5.57
		<i>For >100 To 250, Deduct</i>		-0.56	
		<i>For >250 To 500, Deduct</i>		-1.14	
		<i>For >500 To 1,000, Deduct</i>		-1.90	
		<i>For >1,000, Deduct</i>		-2.67	
		<i>For Galvanized Steel, Add</i>		9.74	
05 12 23 00-0713	LF	4" x 2" x 1/4" Square Steel Tubing.....		28.67	6.90
		<i>For >100 To 250, Deduct</i>		-0.69	
		<i>For >250 To 500, Deduct</i>		-1.41	
		<i>For >500 To 1,000, Deduct</i>		-2.35	
		<i>For >1,000, Deduct</i>		-3.30	
		<i>For Galvanized Steel, Add</i>		12.07	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0714	LF	4" x 3" x 1/4" Square Steel Tubing	34.20	8.24
		<i>For >100 To 250, Deduct</i>	-0.82	
		<i>For >250 To 500, Deduct</i>	-1.68	
		<i>For >500 To 1,000, Deduct</i>	-2.81	
		<i>For >1,000, Deduct</i>	-3.94	
		<i>For Galvanized Steel, Add</i>	14.40	
05 12 23 00-0715	LF	5" x 2" x 1/4" Square Steel Tubing	34.20	8.24
		<i>For >100 To 250, Deduct</i>	-0.82	
		<i>For >250 To 500, Deduct</i>	-1.68	
		<i>For >500 To 1,000, Deduct</i>	-2.81	
		<i>For >1,000, Deduct</i>	-3.94	
		<i>For Galvanized Steel, Add</i>	14.40	
05 12 23 00-0716	LF	5" x 3" x 1/4" Square Steel Tubing	39.74	9.57
		<i>For >100 To 250, Deduct</i>	-0.96	
		<i>For >250 To 500, Deduct</i>	-1.95	
		<i>For >500 To 1,000, Deduct</i>	-3.26	
		<i>For >1,000, Deduct</i>	-4.58	
		<i>For Galvanized Steel, Add</i>	16.72	
05 12 23 00-0717	LF	5" x 4" x 1/4" Square Steel Tubing	45.27	10.90
		<i>For >100 To 250, Deduct</i>	-1.09	
		<i>For >250 To 500, Deduct</i>	-2.22	
		<i>For >500 To 1,000, Deduct</i>	-3.72	
		<i>For >1,000, Deduct</i>	-5.21	
		<i>For Galvanized Steel, Add</i>	19.05	
05 12 23 00-0718	LF	6" x 2" x 1/4" Square Steel Tubing	39.74	9.57
		<i>For >100 To 250, Deduct</i>	-0.96	
		<i>For >250 To 500, Deduct</i>	-1.95	
		<i>For >500 To 1,000, Deduct</i>	-3.26	
		<i>For >1,000, Deduct</i>	-4.58	
		<i>For Galvanized Steel, Add</i>	16.72	
05 12 23 00-0719	LF	6" x 3" x 1/4" Square Steel Tubing	45.27	10.90
		<i>For >100 To 250, Deduct</i>	-1.09	
		<i>For >250 To 500, Deduct</i>	-2.22	
		<i>For >500 To 1,000, Deduct</i>	-3.72	
		<i>For >1,000, Deduct</i>	-5.21	
		<i>For Galvanized Steel, Add</i>	19.05	
05 12 23 00-0720	LF	6" x 4" x 1/4" Square Steel Tubing	50.84	12.24
		<i>For >100 To 250, Deduct</i>	-1.22	
		<i>For >250 To 500, Deduct</i>	-2.50	
		<i>For >500 To 1,000, Deduct</i>	-4.18	
		<i>For >1,000, Deduct</i>	-5.85	
		<i>For Galvanized Steel, Add</i>	21.40	
05 12 23 00-0721		Round Steel Tubing (05 12 23 00-0657)		
05 12 23 00-0722		0.065" Wall Thickness (05 12 23 00-0721)		
05 12 23 00-0723	LF	1" Diameter x 0.065" Round Steel Tubing	4.72	1.02
		<i>For >100 To 250, Deduct</i>	-0.10	
		<i>For >250 To 500, Deduct</i>	-0.22	
		<i>For >500 To 1,000, Deduct</i>	-0.37	
		<i>For >1,000, Deduct</i>	-0.52	
		<i>For Galvanized Steel, Add</i>	2.08	
05 12 23 00-0724	LF	1-1/4" Diameter x 0.065" Round Steel Tubing	5.98	1.29
		<i>For >100 To 250, Deduct</i>	-0.13	
		<i>For >250 To 500, Deduct</i>	-0.28	
		<i>For >500 To 1,000, Deduct</i>	-0.47	
		<i>For >1,000, Deduct</i>	-0.66	
		<i>For Galvanized Steel, Add</i>	2.64	
05 12 23 00-0725	LF	1-1/2" Diameter x 0.065" Round Steel Tubing	7.24	1.56
		<i>For >100 To 250, Deduct</i>	-0.16	
		<i>For >250 To 500, Deduct</i>	-0.34	
		<i>For >500 To 1,000, Deduct</i>	-0.57	
		<i>For >1,000, Deduct</i>	-0.80	
		<i>For Galvanized Steel, Add</i>	3.19	
05 12 23 00-0726	LF	2" Diameter x 0.065" Round Steel Tubing	9.76	2.11
		<i>For >100 To 250, Deduct</i>	-0.21	
		<i>For >250 To 500, Deduct</i>	-0.45	
		<i>For >500 To 1,000, Deduct</i>	-0.77	
		<i>For >1,000, Deduct</i>	-1.08	
		<i>For Galvanized Steel, Add</i>	4.31	
05 12 23 00-0727	LF	2-1/2" Diameter x 0.065" Round Steel Tubing	12.29	2.65
		<i>For >100 To 250, Deduct</i>	-0.27	
		<i>For >250 To 500, Deduct</i>	-0.57	
		<i>For >500 To 1,000, Deduct</i>	-0.97	
		<i>For >1,000, Deduct</i>	-1.36	
		<i>For Galvanized Steel, Add</i>	5.43	
05 12 23 00-0728	LF	3" Diameter x 0.065" Round Steel Tubing	14.80	3.19
		<i>For >100 To 250, Deduct</i>	-0.32	
		<i>For >250 To 500, Deduct</i>	-0.69	
		<i>For >500 To 1,000, Deduct</i>	-1.17	
		<i>For >1,000, Deduct</i>	-1.64	
		<i>For Galvanized Steel, Add</i>	6.53	
05 12 23 00-0729	LF	3-1/2" Diameter x 0.065" Round Steel Tubing	17.33	3.74
		<i>For >100 To 250, Deduct</i>	-0.37	
		<i>For >250 To 500, Deduct</i>	-0.81	
		<i>For >500 To 1,000, Deduct</i>	-1.37	
		<i>For >1,000, Deduct</i>	-1.92	
		<i>For Galvanized Steel, Add</i>	7.65	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST
05 12 23 00-0730	LF			4" Diameter x 0.065" Round Steel Tubing	19.85	4.28
				<i>For >100 To 250, Deduct</i>	-0.43	
				<i>For >250 To 500, Deduct</i>	-0.92	
				<i>For >500 To 1,000, Deduct</i>	-1.56	
				<i>For >1,000, Deduct</i>	-2.20	
				<i>For Galvanized Steel, Add</i>	8.77	
05 12 23 00-0731				0.083" Wall Thickness <small>(05 12 23 00-0721)</small>		
05 12 23 00-0732	LF			1" Diameter x 0.083" Round Steel Tubing	5.12	1.12
				<i>For >100 To 250, Deduct</i>	-0.11	
				<i>For >250 To 500, Deduct</i>	-0.24	
				<i>For >500 To 1,000, Deduct</i>	-0.41	
				<i>For >1,000, Deduct</i>	-0.57	
				<i>For Galvanized Steel, Add</i>	2.25	
05 12 23 00-0733	LF			1-1/4" Diameter x 0.083" Round Steel Tubing	6.51	1.42
				<i>For >100 To 250, Deduct</i>	-0.14	
				<i>For >250 To 500, Deduct</i>	-0.30	
				<i>For >500 To 1,000, Deduct</i>	-0.51	
				<i>For >1,000, Deduct</i>	-0.72	
				<i>For Galvanized Steel, Add</i>	2.86	
05 12 23 00-0734	LF			1-1/2" Diameter x 0.083" Round Steel Tubing	7.91	1.72
				<i>For >100 To 250, Deduct</i>	-0.17	
				<i>For >250 To 500, Deduct</i>	-0.37	
				<i>For >500 To 1,000, Deduct</i>	-0.63	
				<i>For >1,000, Deduct</i>	-0.88	
				<i>For Galvanized Steel, Add</i>	3.48	
05 12 23 00-0735	LF			2" Diameter x 0.083" Round Steel Tubing	10.69	2.33
				<i>For >100 To 250, Deduct</i>	-0.23	
				<i>For >250 To 500, Deduct</i>	-0.50	
				<i>For >500 To 1,000, Deduct</i>	-0.84	
				<i>For >1,000, Deduct</i>	-1.19	
				<i>For Galvanized Steel, Add</i>	4.71	
05 12 23 00-0736	LF			2-1/2" Diameter x 0.083" Round Steel Tubing	13.50	2.94
				<i>For >100 To 250, Deduct</i>	-0.29	
				<i>For >250 To 500, Deduct</i>	-0.63	
				<i>For >500 To 1,000, Deduct</i>	-1.07	
				<i>For >1,000, Deduct</i>	-1.50	
				<i>For Galvanized Steel, Add</i>	5.94	
05 12 23 00-0737	LF			3" Diameter x 0.083" Round Steel Tubing	16.29	3.55
				<i>For >100 To 250, Deduct</i>	-0.35	
				<i>For >250 To 500, Deduct</i>	-0.76	
				<i>For >500 To 1,000, Deduct</i>	-1.29	
				<i>For >1,000, Deduct</i>	-1.81	
				<i>For Galvanized Steel, Add</i>	7.17	
05 12 23 00-0738	LF			3-1/2" Diameter x 0.083" Round Steel Tubing	19.08	4.15
				<i>For >100 To 250, Deduct</i>	-0.42	
				<i>For >250 To 500, Deduct</i>	-0.89	
				<i>For >500 To 1,000, Deduct</i>	-1.51	
				<i>For >1,000, Deduct</i>	-2.12	
				<i>For Galvanized Steel, Add</i>	8.39	
05 12 23 00-0739	LF			4" Diameter x 0.083" Round Steel Tubing	21.87	4.77
				<i>For >100 To 250, Deduct</i>	-0.48	
				<i>For >250 To 500, Deduct</i>	-1.02	
				<i>For >500 To 1,000, Deduct</i>	-1.73	
				<i>For >1,000, Deduct</i>	-2.43	
				<i>For Galvanized Steel, Add</i>	9.62	
05 12 23 00-0740				0.125" Wall Thickness <small>(05 12 23 00-0721)</small>		
05 12 23 00-0741	LF			2" Diameter x 0.125" Round Steel Tubing	11.38	2.94
				<i>For >100 To 250, Deduct</i>	-0.29	
				<i>For >250 To 500, Deduct</i>	-0.58	
				<i>For >500 To 1,000, Deduct</i>	-0.96	
				<i>For >1,000, Deduct</i>	-1.34	
				<i>For Galvanized Steel, Add</i>	4.62	
05 12 23 00-0742	LF			2-1/2" Diameter x 0.125" Round Steel Tubing	14.41	3.73
				<i>For >100 To 250, Deduct</i>	-0.37	
				<i>For >250 To 500, Deduct</i>	-0.73	
				<i>For >500 To 1,000, Deduct</i>	-1.22	
				<i>For >1,000, Deduct</i>	-1.70	
				<i>For Galvanized Steel, Add</i>	5.85	
05 12 23 00-0743	LF			3" Diameter x 0.125" Round Steel Tubing	17.45	4.51
				<i>For >100 To 250, Deduct</i>	-0.45	
				<i>For >250 To 500, Deduct</i>	-0.89	
				<i>For >500 To 1,000, Deduct</i>	-1.47	
				<i>For >1,000, Deduct</i>	-2.06	
				<i>For Galvanized Steel, Add</i>	7.09	
05 12 23 00-0744	LF			3-1/2" Diameter x 0.125" Round Steel Tubing	20.48	5.30
				<i>For >100 To 250, Deduct</i>	-0.53	
				<i>For >250 To 500, Deduct</i>	-1.04	
				<i>For >500 To 1,000, Deduct</i>	-1.73	
				<i>For >1,000, Deduct</i>	-2.42	
				<i>For Galvanized Steel, Add</i>	8.32	
05 12 23 00-0745	LF			4" Diameter x 0.125" Round Steel Tubing	23.51	6.09
				<i>For >100 To 250, Deduct</i>	-0.61	
				<i>For >250 To 500, Deduct</i>	-1.20	
				<i>For >500 To 1,000, Deduct</i>	-1.99	
				<i>For >1,000, Deduct</i>	-2.78	
				<i>For Galvanized Steel, Add</i>	9.55	

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0746	Flat Steel Bar (05 12 23 00-0408)			
05 12 23 00-0747	1/8" Thick (05 12 23 00-0746)			
05 12 23 00-0748	LF 1/8" Thick x 1" Wide Flat Steel Bar	3.24	1.46	
	For Galvanized Steel, Add	0.64		
05 12 23 00-0749	LF 1/8" Thick x 2" Wide Flat Steel Bar	5.03	2.20	
	For Galvanized Steel, Add	1.07		
05 12 23 00-0750	LF 1/8" Thick x 4" Wide Flat Steel Bar	7.79	3.09	
	For Galvanized Steel, Add	1.95		
05 12 23 00-0751	LF 1/8" Thick x 6" Wide Flat Steel Bar	10.56	4.20	
	For Galvanized Steel, Add	2.64		
05 12 23 00-0752	3/16" Thick (05 12 23 00-0746)			
05 12 23 00-0753	LF 3/16" Thick x 1" Wide Flat Steel Bar	4.31	1.82	
	For Galvanized Steel, Add	0.98		
05 12 23 00-0754	LF 3/16" Thick x 2" Wide Flat Steel Bar	6.83	2.73	
	For Galvanized Steel, Add	1.69		
05 12 23 00-0755	LF 3/16" Thick x 4" Wide Flat Steel Bar	9.32	3.13	
	For Galvanized Steel, Add	2.86		
05 12 23 00-0756	LF 3/16" Thick x 6" Wide Flat Steel Bar	12.89	4.35	
	For Galvanized Steel, Add	3.95		
05 12 23 00-0757	1/4" Thick (05 12 23 00-0746)			
05 12 23 00-0758	LF 1/4" Thick x 1" Wide Flat Steel Bar	4.44	1.92	
	For Galvanized Steel, Add	0.97		
05 12 23 00-0759	LF 1/4" Thick x 2" Wide Flat Steel Bar	7.48	2.88	
	For Galvanized Steel, Add	1.96		
05 12 23 00-0760	LF 1/4" Thick x 4" Wide Flat Steel Bar	11.07	3.30	
	For Galvanized Steel, Add	3.79		
05 12 23 00-0761	LF 1/4" Thick x 6" Wide Flat Steel Bar	15.99	4.87	
	For Galvanized Steel, Add	5.38		
05 12 23 00-0762	3/8" Thick (05 12 23 00-0746)			
05 12 23 00-0763	LF 3/8" Thick x 1" Wide Flat Steel Bar	5.70	2.17	
	For Galvanized Steel, Add	1.52		
05 12 23 00-0764	LF 3/8" Thick x 2" Wide Flat Steel Bar	9.40	3.24	
	For Galvanized Steel, Add	2.81		
05 12 23 00-0765	LF 3/8" Thick x 4" Wide Flat Steel Bar	14.61	3.70	
	For Galvanized Steel, Add	5.61		
05 12 23 00-0766	LF 3/8" Thick x 6" Wide Flat Steel Bar	20.97	5.48	
	For Galvanized Steel, Add	7.90		
05 12 23 00-0767	1/2" Thick (05 12 23 00-0746)			
05 12 23 00-0768	LF 1/2" Thick x 1" Wide Flat Steel Bar	6.72	2.38	
	For Galvanized Steel, Add	1.95		
05 12 23 00-0769	LF 1/2" Thick x 2" Wide Flat Steel Bar	11.14	3.58	
	For Galvanized Steel, Add	3.58		
05 12 23 00-0770	LF 1/2" Thick x 4" Wide Flat Steel Bar	15.96	4.07	
	For Galvanized Steel, Add	6.10		
05 12 23 00-0771	LF 1/2" Thick x 6" Wide Flat Steel Bar	28.68	6.04	
	For Galvanized Steel, Add	12.17		
05 12 23 00-0772	Flat Steel Plate (05 12 23 00-0408)			
05 12 23 00-0773	SF 1/8" Thick Flat Steel Plate	16.87	6.31	
	For 316 Stainless Steel, Add	23.71		
	For Aluminum, Add	1.33		
	For Galvanized Steel, Add	4.59		
	For 304 Stainless Steel, Add	21.12		
05 12 23 00-0774	SF 3/16" Thick Flat Steel Plate	19.07	6.52	
	For 316 Stainless Steel, Add	29.66		
	For Aluminum, Add	1.67		
	For Galvanized Steel, Add	5.75		
	For 304 Stainless Steel, Add	26.42		
05 12 23 00-0775	SF 1/4" Thick Flat Steel Plate	22.79	7.31	
	For 316 Stainless Steel, Add	37.82		
	For Aluminum, Add	2.13		
	For Galvanized Steel, Add	7.33		
	For 304 Stainless Steel, Add	33.69		
05 12 23 00-0776	SF 3/8" Thick Flat Steel Plate	30.89	8.22	
	For 316 Stainless Steel, Add	59.36		
	For Aluminum, Add	3.34		
	For Galvanized Steel, Add	11.50		
	For 304 Stainless Steel, Add	52.87		
05 12 23 00-0777	SF 1/2" Thick Flat Steel Plate	36.69	9.04	
	For 316 Stainless Steel, Add	73.95		
	For Aluminum, Add	4.16		
	For Galvanized Steel, Add	14.33		
	For 304 Stainless Steel, Add	65.86		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0778	SF			3/4" Thick Flat Steel Plate.....	60.31	11.21
				For 316 Stainless Steel, Add	138.66	
				For Aluminum, Add	7.80	
				For Galvanized Steel, Add	26.86	
				For 304 Stainless Steel, Add	123.49	
05 12 23 00-0779	SF			1" Thick Flat Steel Plate.....	80.55	14.01
				For 316 Stainless Steel, Add	189.86	
				For Aluminum, Add	10.68	
				For Galvanized Steel, Add	36.78	
				For 304 Stainless Steel, Add	169.09	

05 14 Structural Aluminum Framing (05 10)

05 14 13 Architecturally-Exposed Structural Aluminum Framing (05 14)

05 14 13 00-0001 Rolled Or Plate Shapes (05 14 13)

Note: 1" through 10" member.

05 14 13 00-0002	LB	Structural Aluminum, Up To 2,000 LB / Order 1" To 10" Rolled / Plate Structural Members	8.89	0.85
05 14 13 00-0003	LB	Structural Aluminum, >2,000 - 9,999 LB / Order 1" To 10" Rolled / Plate Structural Members	7.84	0.79

05 14 13 00-0004 Aluminum Extrusions (05 14 13)

05 14 13 00-0005	LB	Aluminum Extrusions, Stock Shapes 1" To 10" Rolled / Plate Structural Members	14.50	3.54
05 14 13 00-0006	LB	Aluminum Extrusions, Custom Shapes 1" To 10" Rolled / Plate Structural Members	15.36	3.54

05 14 13 00-0007 Aluminum Tubing (05 14 13)

05 14 13 00-0008	LB	Aluminum Extrusions, Tubular Shapes 1" To 10" Rolled / Plate Structural Members	12.94	2.15
05 14 13 00-0009	LF	1" x 1" Aluminum Tubing, 1/8" Wall Thickness	11.53	3.49
05 14 13 00-0010	LF	1-1/4" x 1-1/4" Aluminum Tubing, 1/8" Wall Thickness	13.95	3.80
05 14 13 00-0011	LF	1-1/2" x 1-1/2" Aluminum Tubing, 1/8" Wall Thickness	16.02	4.43
05 14 13 00-0012	LF	2" x 2" Aluminum Tubing, 1/8" Wall Thickness	19.08	4.76
05 14 13 00-0013	LF	4" x 4" Aluminum Tubing, 1/4" Wall Thickness	56.08	6.03
05 14 13 00-0014	LF	2" x 5" Aluminum Tubing, 1/4" Wall Thickness	45.90	5.39

05 14 13 00-0015 Columns (05 14 13)

Note: Baked on paint finish, load bearing.

05 14 13 00-0016 Round Columns (05 14 13 00-0015)

05 14 13 00-0017	LF	6" Diameter Aluminum Column.....	51.53	6.81
05 14 13 00-0018	LF	8" Diameter Aluminum Column.....	68.52	9.76
05 14 13 00-0019	LF	10" Diameter Aluminum Column.....	83.78	10.99
05 14 13 00-0020	LF	12" Diameter Aluminum Column.....	126.68	11.49
05 14 13 00-0021	LF	15" Diameter Aluminum Column.....	161.93	13.33
05 14 13 00-0022	EA	6" Diameter Aluminum Base And Cap	100.34	12.71
05 14 13 00-0023	EA	8" Diameter Aluminum Base And Cap	115.00	13.73
05 14 13 00-0024	EA	10" Diameter Aluminum Base And Cap	145.58	15.25
05 14 13 00-0025	EA	12" Diameter Aluminum Base And Cap	253.66	16.28
05 14 13 00-0026	EA	15" Diameter Aluminum Base And Cap	389.83	17.80

05 14 13 00-0027 Octagonal Columns (05 14 13 00-0015)

05 14 13 00-0028	LF	6" Diameter Aluminum Column.....	57.64	6.81
05 14 13 00-0029	LF	8" Diameter Aluminum Column.....	78.31	9.76
05 14 13 00-0030	LF	10" Diameter Aluminum Column.....	96.15	10.99
05 14 13 00-0031	LF	12" Diameter Aluminum Column.....	147.44	11.49
05 14 13 00-0032	LF	15" Diameter Aluminum Column.....	189.00	13.33
05 14 13 00-0033	EA	6" Diameter Aluminum Base And Cap	115.32	12.71
05 14 13 00-0034	EA	8" Diameter Aluminum Base And Cap	132.51	13.73
05 14 13 00-0035	EA	10" Diameter Aluminum Base And Cap	168.59	15.25
05 14 13 00-0036	EA	12" Diameter Aluminum Base And Cap	297.89	16.28
05 14 13 00-0037	EA	15" Diameter Aluminum Base And Cap	460.68	17.80

05 14 13 00-0038 Fluted Columns (05 14 13 00-0015)

05 14 13 00-0039	LF	6" Diameter Aluminum Column.....	64.26	6.81
05 14 13 00-0040	LF	8" Diameter Aluminum Column.....	87.13	9.76
05 14 13 00-0041	LF	10" Diameter Aluminum Column.....	107.27	10.99
05 14 13 00-0042	LF	12" Diameter Aluminum Column.....	166.12	11.49
05 14 13 00-0043	LF	15" Diameter Aluminum Column.....	213.37	13.33
05 14 13 00-0044	EA	6" Diameter Aluminum Base And Cap	128.80	12.71
05 14 13 00-0045	EA	8" Diameter Aluminum Base And Cap	148.27	13.73
05 14 13 00-0046	EA	10" Diameter Aluminum Base And Cap	189.31	15.25
05 14 13 00-0047	EA	12" Diameter Aluminum Base And Cap	337.69	16.28
05 14 13 00-0048	EA	15" Diameter Aluminum Base And Cap	524.44	17.80

05 14 13 00-0049 Square Columns (05 14 13 00-0015)

05 14 13 00-0050	LF	6" Aluminum Column	68.79	6.81
05 14 13 00-0051	LF	8" Aluminum Column	93.15	9.76
05 14 13 00-0052	LF	10" Aluminum Column	114.88	10.99
05 14 13 00-0053	LF	12" Aluminum Column	178.89	11.49
05 14 13 00-0054	LF	15" Aluminum Column	230.03	13.33
05 14 13 00-0055	EA	6" Aluminum Base And Cap	138.02	12.71

05 Metals**05 10 Structural Metal Framing****05 14 Structural Aluminum Framing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 14 13 00-0056	EA	8" Aluminum Base And Cap.....	159.05	13.73
05 14 13 00-0057	EA	10" Aluminum Base And Cap.....	203.47	15.25
05 14 13 00-0058	EA	12" Aluminum Base And Cap.....	364.90	16.28
05 14 13 00-0059	EA	15" Aluminum Base And Cap.....	568.04	17.80

05 14 13 00-0060 Ornamental Or Decorative Cap And Bases (05 14 13 00-0015)

05 14 13 00-0061	EA	8" Corinthian Capital And Base.....	793.12	15.25
05 14 13 00-0062	EA	10" Corinthian Capital And Base.....	1,168.11	17.80
05 14 13 00-0063	EA	12" Corinthian Capital And Base.....	1,849.44	20.35
05 14 13 00-0064	EA	8" Scamozzi Capital And Base.....	392.26	15.25
05 14 13 00-0065	EA	10" Scamozzi Capital And Base.....	526.08	17.80
05 14 13 00-0066	EA	12" Scamozzi Capital And Base.....	1,061.41	20.35

05 15 Wire Rope Assemblies (05 10)**05 15 16 Steel Wire Rope Assemblies (05 15)****05 15 16 00-0001 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope (05 15 16)**

05 15 16 00-0002	LF	1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	1.55	0.10
		For >500, Deduct	-0.27	
05 15 16 00-0003	LF	5/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	2.08	0.10
		For >500, Deduct	-0.36	
05 15 16 00-0004	LF	3/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	2.47	0.21
		For >500, Deduct	-0.41	
05 15 16 00-0005	LF	7/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	2.98	0.21
		For >500, Deduct	-0.49	
05 15 16 00-0006	LF	1/2" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	3.43	0.31
		For >500, Deduct	-0.54	
05 15 16 00-0007	LF	9/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	4.21	0.42
		For >500, Deduct	-0.66	
05 15 16 00-0008	LF	5/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	5.03	0.42
		For >500, Deduct	-0.78	
05 15 16 00-0009	LF	3/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	6.97	0.74
		For >500, Deduct	-1.06	
05 15 16 00-0010	LF	7/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	9.36	0.84
		For >500, Deduct	-1.43	
05 15 16 00-0011	LF	1" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	11.65	1.15
		For >500, Deduct	-1.74	
05 15 16 00-0012	LF	1-1/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	14.41	1.46
		For >500, Deduct	-2.15	
05 15 16 00-0013	LF	1-1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	17.57	1.77
		For >500, Deduct	-2.62	

05 15 16 00-0014 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope (05 15 16)

05 15 16 00-0015	LF	1/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	1.82	0.10
		For >500, Deduct	-0.33	
05 15 16 00-0016	LF	5/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	2.35	0.10
		For >500, Deduct	-0.41	
05 15 16 00-0017	LF	3/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	2.92	0.21
		For >500, Deduct	-0.50	
05 15 16 00-0018	LF	7/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	3.32	0.21
		For >500, Deduct	-0.55	
05 15 16 00-0019	LF	1/2" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	3.94	0.31
		For >500, Deduct	-0.64	
05 15 16 00-0020	LF	9/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	4.54	0.42
		For >500, Deduct	-0.72	
05 15 16 00-0021	LF	5/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	5.30	0.42
		For >500, Deduct	-0.83	
05 15 16 00-0022	LF	3/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	7.78	0.74
		For >500, Deduct	-1.23	
05 15 16 00-0023	LF	7/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	9.97	0.84
		For >500, Deduct	-1.55	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0024	LF			1" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	12.26	1.15
				For >500, Deduct	-1.87	
05 15 16 00-0025	LF			1-1/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	15.69	1.46
				For >500, Deduct	-2.39	
05 15 16 00-0026	LF			1-1/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	19.10	1.77
				For >500, Deduct	-2.92	
05 15 16 00-0027 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope						
				<small>(05 15 16)</small>		
05 15 16 00-0028	LF			1/4" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	1.44	0.10
				For >500, Deduct	-0.25	
05 15 16 00-0029	LF			5/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	1.95	0.10
				For >500, Deduct	-0.33	
05 15 16 00-0030	LF			3/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	2.32	0.21
				For >500, Deduct	-0.38	
05 15 16 00-0031	LF			7/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	2.72	0.21
				For >500, Deduct	-0.43	
05 15 16 00-0032	LF			1/2" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	3.27	0.31
				For >500, Deduct	-0.51	
05 15 16 00-0033	LF			9/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	4.14	0.42
				For >500, Deduct	-0.64	
05 15 16 00-0034	LF			5/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	4.83	0.42
				For >500, Deduct	-0.74	
05 15 16 00-0035	LF			3/4" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	6.78	0.74
				For >500, Deduct	-1.03	
05 15 16 00-0036	LF			7/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	8.29	0.84
				For >500, Deduct	-1.21	
05 15 16 00-0037	LF			1" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	10.52	1.15
				For >500, Deduct	-1.51	
05 15 16 00-0038 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope						
				<small>(05 15 16)</small>		
05 15 16 00-0039	LF			1/4" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	1.42	0.10
				For >500, Deduct	-0.25	
05 15 16 00-0040	LF			5/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	1.88	0.10
				For >500, Deduct	-0.32	
05 15 16 00-0041	LF			3/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	2.32	0.21
				For >500, Deduct	-0.38	
05 15 16 00-0042	LF			7/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	2.72	0.21
				For >500, Deduct	-0.43	
05 15 16 00-0043	LF			1/2" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	3.42	0.31
				For >500, Deduct	-0.54	
05 15 16 00-0044	LF			9/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	4.07	0.42
				For >500, Deduct	-0.63	
05 15 16 00-0045	LF			5/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	5.10	0.42
				For >500, Deduct	-0.79	
05 15 16 00-0046	LF			3/4" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	7.11	0.74
				For >500, Deduct	-1.09	
05 15 16 00-0047	LF			7/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	9.29	0.84
				For >500, Deduct	-1.41	
05 15 16 00-0048	LF			1" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	11.46	1.15
				For >500, Deduct	-1.71	
05 15 16 00-0049 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope						
				<small>(05 15 16)</small>		
05 15 16 00-0050	LF			3/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	2.63	0.21
				For >500, Deduct	-0.45	
05 15 16 00-0051	LF			7/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	3.09	0.21
				For >500, Deduct	-0.51	
05 15 16 00-0052	LF			1/2" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	3.60	0.31
				For >500, Deduct	-0.58	
05 15 16 00-0053	LF			9/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	4.85	0.42
				For >500, Deduct	-0.79	
05 15 16 00-0054	LF			5/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	5.34	0.42
				For >500, Deduct	-0.84	
05 15 16 00-0055	LF			3/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	7.28	0.74
				For >500, Deduct	-1.13	
05 15 16 00-0056	LF			7/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	9.33	0.84
				For >500, Deduct	-1.42	
05 15 16 00-0057	LF			1" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	12.29	1.15
				For >500, Deduct	-1.87	

05 Metals**05 10 Structural Metal Framing****05 15 Wire Rope Assemblies**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 15 16 00-0058	LF	1-1/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	14.89	1.46
		<i>For >500, Deduct</i>	-2.24	
05 15 16 00-0059	LF	1-1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	17.97	1.77
		<i>For >500, Deduct</i>	-2.70	
05 15 16 00-0060 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope ^(05 15 16)				
05 15 16 00-0061	LF	3/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	2.70	0.21
		<i>For >500, Deduct</i>	-0.46	
05 15 16 00-0062	LF	7/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	3.27	0.21
		<i>For >500, Deduct</i>	-0.54	
05 15 16 00-0063	LF	1/2" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	3.85	0.31
		<i>For >500, Deduct</i>	-0.63	
05 15 16 00-0064	LF	9/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	5.40	0.42
		<i>For >500, Deduct</i>	-0.90	
05 15 16 00-0065	LF	5/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	5.43	0.42
		<i>For >500, Deduct</i>	-0.86	
05 15 16 00-0066	LF	3/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	7.46	0.74
		<i>For >500, Deduct</i>	-1.16	
05 15 16 00-0067	LF	7/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	9.87	0.84
		<i>For >500, Deduct</i>	-1.53	
05 15 16 00-0068	LF	1" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	12.47	1.15
		<i>For >500, Deduct</i>	-1.90	
05 15 16 00-0069 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope ^(05 15 16)				
05 15 16 00-0070	LF	1/4" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	2.81	0.10
		<i>For >500, Deduct</i>	-0.52	
05 15 16 00-0071	LF	5/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	3.03	0.10
		<i>For >500, Deduct</i>	-0.55	
05 15 16 00-0072	LF	3/8" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	3.56	0.21
		<i>For >500, Deduct</i>	-0.63	
05 15 16 00-0073	LF	7/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	4.78	0.21
		<i>For >500, Deduct</i>	-0.85	
05 15 16 00-0074	LF	1/2" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	5.45	0.21
		<i>For >500, Deduct</i>	-0.98	
05 15 16 00-0075	LF	9/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	6.28	0.42
		<i>For >500, Deduct</i>	-1.07	
05 15 16 00-0076	LF	5/8" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	7.46	0.42
		<i>For >500, Deduct</i>	-1.27	
05 15 16 00-0077	LF	3/4" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	10.27	0.62
		<i>For >500, Deduct</i>	-1.73	
05 15 16 00-0078 7x7, Galvanized Finish, Aircraft Cable ^(05 15 16)				
05 15 16 00-0079	LF	1/16" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.31	0.07
		<i>For >500, Deduct</i>	-0.04	
05 15 16 00-0080	LF	3/32" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.35	0.08
		<i>For >500, Deduct</i>	-0.04	
05 15 16 00-0081	LF	1/8" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.40	0.09
		<i>For >500, Deduct</i>	-0.05	
05 15 16 00-0082	LF	5/32" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.47	0.10
		<i>For >500, Deduct</i>	-0.06	
05 15 16 00-0083	LF	3/16" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.57	0.10
		<i>For >500, Deduct</i>	-0.08	
05 15 16 00-0084 7x19, Galvanized Finish, Aircraft Cable ^(05 15 16)				
05 15 16 00-0085	LF	1/8" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.56	0.09
		<i>For >500, Deduct</i>	-0.08	
05 15 16 00-0086	LF	5/32" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.61	0.10
		<i>For >500, Deduct</i>	-0.09	
05 15 16 00-0087	LF	3/16" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.70	0.10
		<i>For >500, Deduct</i>	-0.10	
05 15 16 00-0088	LF	1/4" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.82	0.10
		<i>For >500, Deduct</i>	-0.13	
05 15 16 00-0089	LF	5/16" Diameter, 7x19, Galvanized Finish, Aircraft Cable	1.24	0.10
		<i>For >500, Deduct</i>	-0.19	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0090	LF		3/8" Diameter, 7x19, Galvanized Finish, Aircraft Cable..... <i>For >500, Deduct</i>	1.67 -0.25	0.10
05 15 16 00-0091			Heavy Duty, Galvanized Steel, Wire Rope Thimbles (05 15 16)		
05 15 16 00-0092	EA		1/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	13.03	3.13
05 15 16 00-0093	EA		5/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	14.62	3.13
05 15 16 00-0094	EA		3/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	16.39	3.13
05 15 16 00-0095	EA		7/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	21.24	3.13
05 15 16 00-0096	EA		1/2" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	21.26	3.13
05 15 16 00-0097	EA		9/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	21.26	3.13
05 15 16 00-0098	EA		5/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	22.91	3.13
05 15 16 00-0099	EA		3/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	41.52	4.81
05 15 16 00-0100	EA		7/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	49.08	5.85
05 15 16 00-0101	EA		1" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	87.04	9.61
05 15 16 00-0102	EA		1-1/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	124.66	13.07
05 15 16 00-0103	EA		1-1/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	124.66	13.07
05 15 16 00-0104			Galvanized Steel, Wire Rope Clips (05 15 16)		
05 15 16 00-0105	EA		1/8" Diameter, Galvanized Steel, Wire Rope Clip.....	15.31	3.13
05 15 16 00-0106	EA		3/16" Diameter, Galvanized Steel, Wire Rope Clip.....	15.61	3.13
05 15 16 00-0107	EA		1/4" Diameter, Galvanized Steel, Wire Rope Clip.....	17.66	3.13
05 15 16 00-0108	EA		5/16" Diameter, Galvanized Steel, Wire Rope Clip.....	17.98	3.13
05 15 16 00-0109	EA		3/8" Diameter, Galvanized Steel, Wire Rope Clip.....	18.44	3.13
05 15 16 00-0110	EA		7/16" Diameter, Galvanized Steel, Wire Rope Clip.....	22.86	3.13
05 15 16 00-0111	EA		1/2" Diameter, Galvanized Steel, Wire Rope Clip.....	23.20	3.13
05 15 16 00-0112	EA		9/16" Diameter, Galvanized Steel, Wire Rope Clip.....	26.43	3.13
05 15 16 00-0113	EA		5/8" Diameter, Galvanized Steel, Wire Rope Clip.....	26.89	3.13
05 15 16 00-0114	EA		3/4" Diameter, Galvanized Steel, Wire Rope Clip.....	37.00	4.18
05 15 16 00-0115	EA		7/8" Diameter, Galvanized Steel, Wire Rope Clip.....	55.52	6.27
05 15 16 00-0116	EA		1" Diameter, Galvanized Steel, Wire Rope Clip.....	60.83	6.27
05 15 16 00-0117	EA		1-1/8" Diameter, Galvanized Steel, Wire Rope Clip.....	71.76	8.36
05 15 16 00-0118	EA		1-1/4" Diameter, Galvanized Steel, Wire Rope Clip.....	104.27	12.55
05 15 16 00-0119			Steel, Open Swage Sockets (05 15 16)		
05 15 16 00-0120	EA		1/4" Diameter, Steel, Open Swage Socket.....	80.63	3.13
05 15 16 00-0121	EA		5/16" Diameter, Steel, Open Swage Socket.....	128.24	3.13
05 15 16 00-0122	EA		3/8" Diameter, Steel, Open Swage Socket.....	132.37	4.18
05 15 16 00-0123	EA		7/16" Diameter, Steel, Open Swage Socket.....	157.63	5.23
05 15 16 00-0124	EA		1/2" Diameter, Steel, Open Swage Socket.....	157.63	5.23
05 15 16 00-0125	EA		9/16" Diameter, Steel, Open Swage Socket.....	231.83	11.50
05 15 16 00-0126	EA		5/8" Diameter, Steel, Open Swage Socket.....	231.83	11.50
05 15 16 00-0127	EA		3/4" Diameter, Steel, Open Swage Socket.....	298.30	21.96
05 15 16 00-0128	EA		7/8" Diameter, Steel, Open Swage Socket.....	401.99	31.36
05 15 16 00-0129	EA		1" Diameter, Steel, Open Swage Socket.....	567.22	48.09
05 15 16 00-0130	EA		1-1/8" Diameter, Steel, Open Swage Socket.....	748.76	75.27
05 15 16 00-0131	EA		1-1/4" Diameter, Steel, Open Swage Socket.....	871.83	86.78
05 15 16 00-0132			Steel, Closed Swage Sockets (05 15 16)		
05 15 16 00-0133	EA		1/4" Diameter, Steel, Closed Swage Socket.....	65.02	3.13
05 15 16 00-0134	EA		5/16" Diameter, Steel, Closed Swage Socket.....	87.73	3.13
05 15 16 00-0135	EA		3/8" Diameter, Steel, Closed Swage Socket.....	87.73	3.13
05 15 16 00-0136	EA		7/16" Diameter, Steel, Closed Swage Socket.....	109.52	4.18
05 15 16 00-0137	EA		1/2" Diameter, Steel, Closed Swage Socket.....	110.67	4.18
05 15 16 00-0138	EA		9/16" Diameter, Steel, Closed Swage Socket.....	152.45	7.32
05 15 16 00-0139	EA		5/8" Diameter, Steel, Closed Swage Socket.....	157.43	8.36
05 15 16 00-0140	EA		3/4" Diameter, Steel, Closed Swage Socket.....	195.41	13.59
05 15 16 00-0141	EA		7/8" Diameter, Steel, Closed Swage Socket.....	253.39	19.86
05 15 16 00-0142	EA		1" Diameter, Steel, Closed Swage Socket.....	362.36	27.18
05 15 16 00-0143	EA		1-1/8" Diameter, Steel, Closed Swage Socket.....	450.11	37.64
05 15 16 00-0144	EA		1-1/4" Diameter, Steel, Closed Swage Socket.....	612.52	58.55
05 15 16 00-0145			Galvanized Steel, Open Spelter Sockets (05 15 16)		
05 15 16 00-0146	EA		1/4" Galvanized Steel, Open Spelter Socket.....	134.47	3.13
05 15 16 00-0147	EA		5/16" Galvanized Steel, Open Spelter Socket.....	138.18	3.13
05 15 16 00-0148	EA		3/8" Galvanized Steel, Open Spelter Socket.....	138.18	3.13
05 15 16 00-0149	EA		7/16" Galvanized Steel, Open Spelter Socket.....	155.06	6.27
05 15 16 00-0150	EA		1/2" Galvanized Steel, Open Spelter Socket.....	155.06	6.27
05 15 16 00-0151	EA		9/16" Galvanized Steel, Open Spelter Socket.....	204.11	10.45
05 15 16 00-0152	EA		5/8" Galvanized Steel, Open Spelter Socket.....	204.11	10.45
05 15 16 00-0153	EA		3/4" Galvanized Steel, Open Spelter Socket.....	259.25	15.68
05 15 16 00-0154	EA		7/8" Galvanized Steel, Open Spelter Socket.....	388.60	26.14
05 15 16 00-0155	EA		1" Galvanized Steel, Open Spelter Socket.....	704.54	40.77
05 15 16 00-0156	EA		1-1/8" Galvanized Steel, Open Spelter Socket.....	833.59	65.87
05 15 16 00-0157	EA		1-1/4" Galvanized Steel, Open Spelter Socket.....	1,126.38	86.78
05 15 16 00-0158			Galvanized Steel, Closed Spelter Sockets (05 15 16)		
05 15 16 00-0159	EA		1/4" Galvanized Steel, Closed Spelter Socket.....	112.87	3.13
05 15 16 00-0160	EA		5/16" Galvanized Steel, Closed Spelter Socket.....	113.34	3.13

05 Metals**05 10 Structural Metal Framing****05 15 Wire Rope Assemblies**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 15 16 00-0161	EA	3/8" Galvanized Steel, Closed Spelter Socket.....	113.34	3.13
05 15 16 00-0162	EA	7/16" Galvanized Steel, Closed Spelter Socket.....	127.54	5.23
05 15 16 00-0163	EA	1/2" Galvanized Steel, Closed Spelter Socket.....	127.54	5.23
05 15 16 00-0164	EA	9/16" Galvanized Steel, Closed Spelter Socket.....	179.19	9.41
05 15 16 00-0165	EA	5/8" Galvanized Steel, Closed Spelter Socket.....	179.19	9.41
05 15 16 00-0166	EA	3/4" Galvanized Steel, Closed Spelter Socket.....	220.57	13.59
05 15 16 00-0167	EA	7/8" Galvanized Steel, Closed Spelter Socket.....	322.30	20.91
05 15 16 00-0168	EA	1" Galvanized Steel, Closed Spelter Socket.....	487.05	32.41
05 15 16 00-0169	EA	1-1/8" Galvanized Steel, Closed Spelter Socket.....	637.83	43.91
05 15 16 00-0170	EA	1-1/4" Galvanized Steel, Closed Spelter Socket.....	804.55	58.55

05 15 16 00-0171 Forged Steel, Jaw And Jaw Turnbuckles (05 15 16)

05 15 16 00-0172	EA	1/4" x 4", Forged Steel, Jaw And Jaw Turnbuckle.....	77.85	3.13
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct.....	-10.11	
05 15 16 00-0173	EA	5/16" x 4-1/2", Forged Steel, Jaw And Jaw Turnbuckle.....	83.46	3.13
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct.....	-10.95	
05 15 16 00-0174	EA	3/8" x 6", Forged Steel, Jaw And Jaw Turnbuckle.....	93.85	3.13
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct.....	-12.51	
05 15 16 00-0175	EA	1/2" x 6", Forged Steel, Jaw And Jaw Turnbuckle.....	104.34	4.18
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct.....	-13.01	
05 15 16 00-0176	EA	1/2" x 9", Forged Steel, Jaw And Jaw Turnbuckle.....	137.24	5.23
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct.....	-17.32	
05 15 16 00-0177	EA	1/2" x 12", Forged Steel, Jaw And Jaw Turnbuckle.....	155.93	6.27
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct.....	-19.61	
05 15 16 00-0178	EA	5/8" x 6", Forged Steel, Jaw And Jaw Turnbuckle.....	159.04	8.36
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct.....	-19.03	
05 15 16 00-0179	EA	5/8" x 9", Forged Steel, Jaw And Jaw Turnbuckle.....	196.54	8.36
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct.....	-24.25	
05 15 16 00-0180	EA	5/8" x 12", Forged Steel, Jaw And Jaw Turnbuckle.....	223.05	9.41
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct.....	-27.86	
05 15 16 00-0181	EA	3/4" x 6", Forged Steel, Jaw And Jaw Turnbuckle.....	214.51	11.50
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct.....	-25.50	
05 15 16 00-0182	EA	3/4" x 9", Forged Steel, Jaw And Jaw Turnbuckle.....	244.40	13.59
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct.....	-28.41	
05 15 16 00-0183	EA	3/4" x 12", Forged Steel, Jaw And Jaw Turnbuckle.....	301.46	14.63
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct.....	-36.26	
05 15 16 00-0184	EA	3/4" x 18", Forged Steel, Jaw And Jaw Turnbuckle.....	362.68	17.78
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct.....	-43.59	
05 15 16 00-0185	EA	7/8" x 12", Forged Steel, Jaw And Jaw Turnbuckle.....	413.57	25.09
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct.....	-47.10	
05 15 16 00-0186	EA	7/8" x 18", Forged Steel, Jaw And Jaw Turnbuckle.....	501.43	29.28
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct.....	-57.79	
05 15 16 00-0187	EA	1" x 6", Forged Steel, Jaw And Jaw Turnbuckle.....	429.46	25.09
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct.....	-49.48	
05 15 16 00-0188	EA	1" x 12", Forged Steel, Jaw And Jaw Turnbuckle.....	492.13	32.41
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct.....	-54.22	
05 15 16 00-0189	EA	1" x 18", Forged Steel, Jaw And Jaw Turnbuckle.....	674.00	40.77
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct.....	-76.97	
05 15 16 00-0190	EA	1" x 24", Forged Steel, Jaw And Jaw Turnbuckle.....	754.14	48.09
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct.....	-84.61	
05 15 16 00-0191	EA	1-1/4" x 12", Forged Steel, Jaw And Jaw Turnbuckle.....	841.21	58.55
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct.....	-91.33	
05 15 16 00-0192	EA	1-1/4" x 18", Forged Steel, Jaw And Jaw Turnbuckle.....	1,014.83	65.87
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct.....	-113.02	
05 15 16 00-0193	EA	1-1/4" x 24", Forged Steel, Jaw And Jaw Turnbuckle.....	1,312.82	75.27
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct.....	-152.12	
05 15 16 00-0194	EA	1-1/2" x 12", Forged Steel, Jaw And Jaw Turnbuckle.....	1,299.13	80.50
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct.....	-146.62	
05 15 16 00-0195	EA	1-1/2" x 18", Forged Steel, Jaw And Jaw Turnbuckle.....	1,432.30	104.54
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct.....	-152.12	
05 15 16 00-0196	EA	1-1/2" x 24", Forged Steel, Jaw And Jaw Turnbuckle.....	2,569.29	135.91
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct.....	-306.98	
05 15 16 00-0197	EA	2" x 24", Forged Steel, Jaw And Jaw Turnbuckle.....	4,222.20	261.37
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct.....	-476.51	

05 15 16 00-0198 Galvanized Steel, Drop Forged, Shoulder Eye Bolts (05 15 16)

05 15 16 00-0199	EA	1/4" Diameter Thread, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt.....	16.93	
05 15 16 00-0200	EA	5/16" Diameter Thread, 7/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt.....	17.01	
05 15 16 00-0201	EA	3/8" Diameter Thread, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt.....	19.12	
05 15 16 00-0202	EA	7/16" Diameter Thread, 1-3/32" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt.....	22.82	
05 15 16 00-0203	EA	1/2" Diameter Thread, 1-3/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt.....	22.72	
05 15 16 00-0204	EA	5/8" Diameter Thread, 1-3/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt.....	30.95	
05 15 16 00-0205	EA	3/4" Diameter Thread, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt.....	37.08	
05 15 16 00-0206	EA	7/8" Diameter Thread, 1-11/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt.....	49.99	
05 15 16 00-0207	EA	1" Diameter Thread, 1-13/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt.....	66.88	
05 15 16 00-0208	EA	1-1/8" Diameter Thread, 2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt.....	97.16	
05 15 16 00-0209	EA	1-1/4" Diameter Thread, 2-3/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt.....	115.54	
05 15 16 00-0210	EA	1-1/2" Diameter Thread, 2-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt.....	209.55	
05 15 16 00-0211	EA	1-3/4" Diameter Thread, 2-7/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt.....	240.30	
05 15 16 00-0212	EA	2" Diameter Thread, 3-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt.....	297.06	

05 15 16 00-0213 Galvanized Steel, Drop Forged, Eye Bolts (05 15 16)

05 15 16 00-0214	EA	1/4" Diameter Thread, 3" Shank Length, 1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	22.16	
05 15 16 00-0215	EA	1/4" Diameter Thread, 4" Shank Length, 1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	20.05	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 15 16 00-0216	EA 5/16" Diameter Thread, 2-1/4" Shank Length, 5/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	27.04	
05 15 16 00-0217	EA 5/16" Diameter Thread, 4-1/4" Shank Length, 5/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	18.29	
05 15 16 00-0218	EA 3/8" Diameter Thread, 2-1/2" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	24.54	
05 15 16 00-0219	EA 3/8" Diameter Thread, 3" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	36.80	
05 15 16 00-0220	EA 3/8" Diameter Thread, 4" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	35.71	
05 15 16 00-0221	EA 3/8" Diameter Thread, 4-1/2" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	33.95	
05 15 16 00-0222	EA 3/8" Diameter Thread, 5" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	30.47	
05 15 16 00-0223	EA 3/8" Diameter Thread, 6" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	31.46	
05 15 16 00-0224	EA 1/2" Diameter Thread, 2" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	27.87	
05 15 16 00-0225	EA 1/2" Diameter Thread, 3" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	22.32	
05 15 16 00-0226	EA 1/2" Diameter Thread, 3-1/4" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	28.94	
05 15 16 00-0227	EA 1/2" Diameter Thread, 4" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	39.38	
05 15 16 00-0228	EA 1/2" Diameter Thread, 4-1/2" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	30.01	
05 15 16 00-0229	EA 1/2" Diameter Thread, 6" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	48.03	
05 15 16 00-0230	EA 1/2" Diameter Thread, 8" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	42.34	
05 15 16 00-0231	EA 1/2" Diameter Thread, 10" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	38.68	
05 15 16 00-0232	EA 1/2" Diameter Thread, 12" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	45.42	
05 15 16 00-0233	EA 5/8" Diameter Thread, 4" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	46.11	
05 15 16 00-0234	EA 5/8" Diameter Thread, 4-1/2" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	41.11	
05 15 16 00-0235	EA 5/8" Diameter Thread, 6" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	51.61	
05 15 16 00-0236	EA 5/8" Diameter Thread, 8" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	59.10	
05 15 16 00-0237	EA 5/8" Diameter Thread, 10" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	68.09	
05 15 16 00-0238	EA 5/8" Diameter Thread, 12" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	56.34	
05 15 16 00-0239	EA 3/4" Diameter Thread, 4-1/2" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	56.28	
05 15 16 00-0240	EA 3/4" Diameter Thread, 6" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	57.41	
05 15 16 00-0241	EA 3/4" Diameter Thread, 8" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	63.42	
05 15 16 00-0242	EA 3/4" Diameter Thread, 10" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	68.36	
05 15 16 00-0243	EA 3/4" Diameter Thread, 12" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	79.80	
05 15 16 00-0244	EA 1" Diameter Thread, 8" Shank Length, 2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	105.56	

05 15 19 Stainless Steel Wire Rope Assemblies (05 15)

05 15 19 00-0001	7x7, 304 Stainless Steel, Aircraft Cable (05 15 19)		
05 15 19 00-0002	LF 1/16" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.26	0.07
	<i>For >500, Deduct</i>	-0.03	
05 15 19 00-0003	LF 3/32" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.33	0.08
	<i>For >500, Deduct</i>	-0.04	
05 15 19 00-0004	LF 1/8" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.43	0.09
	<i>For >500, Deduct</i>	-0.06	
05 15 19 00-0005	LF 5/32" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.56	0.10
	<i>For >500, Deduct</i>	-0.08	
05 15 19 00-0006	LF 3/16" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.70	0.10
	<i>For >500, Deduct</i>	-0.10	
05 15 19 00-0007	7x19, 304 Stainless Steel, Aircraft Cable (05 15 19)		
05 15 19 00-0008	LF 1/8" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.49	0.09
	<i>For >500, Deduct</i>	-0.07	
05 15 19 00-0009	LF 5/32" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.57	0.10
	<i>For >500, Deduct</i>	-0.08	
05 15 19 00-0010	LF 3/16" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.66	0.10
	<i>For >500, Deduct</i>	-0.09	
05 15 19 00-0011	LF 1/4" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.83	0.10
	<i>For >500, Deduct</i>	-0.13	
05 15 19 00-0012	LF 5/16" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	1.26	0.10
	<i>For >500, Deduct</i>	-0.20	
05 15 19 00-0013	LF 3/8" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	1.89	0.21
	<i>For >500, Deduct</i>	-0.30	
05 15 19 00-0014	7x7, 316 Stainless Steel, Aircraft Cable (05 15 19)		
05 15 19 00-0015	LF 1/16" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.26	0.07
	<i>For >500, Deduct</i>	-0.03	
05 15 19 00-0016	LF 3/32" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.33	0.08
	<i>For >500, Deduct</i>	-0.04	
05 15 19 00-0017	LF 1/8" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.43	0.09
	<i>For >500, Deduct</i>	-0.06	
05 15 19 00-0018	LF 5/32" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.56	0.10
	<i>For >500, Deduct</i>	-0.08	
05 15 19 00-0019	LF 3/16" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.70	0.10
	<i>For >500, Deduct</i>	-0.10	
05 15 19 00-0020	7x19, 316 Stainless Steel, Aircraft Cable (05 15 19)		
05 15 19 00-0021	LF 1/8" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.49	0.09
	<i>For >500, Deduct</i>	-0.07	
05 15 19 00-0022	LF 5/32" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.57	0.10
	<i>For >500, Deduct</i>	-0.08	
05 15 19 00-0023	LF 3/16" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.66	0.10
	<i>For >500, Deduct</i>	-0.09	
05 15 19 00-0024	LF 1/4" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.83	0.10
	<i>For >500, Deduct</i>	-0.13	
05 15 19 00-0025	LF 5/16" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	1.26	0.10
	<i>For >500, Deduct</i>	-0.20	
05 15 19 00-0026	LF 3/8" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	1.89	0.10
	<i>For >500, Deduct</i>	-0.30	

05 Metals**05 10 Structural Metal Framing****05 15 Wire Rope Assemblies**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
05 20 Metal Joists ⁽⁰⁵⁾

Note: Includes all connecting bolts and welds.

05 21 Steel Joist Framing ^(05 20)**05 21 19 Open Web Steel Joist Framing** ^(05 21)

05 21 19 00-0001	TON H, J Or K Open Web Joist, Up To 30' Span, Steel, Horizontal Bridging.....	2,632.69	185.54
	<i>For Welded Cross Bridging, Add</i>	231.92	
	<i>For Shop Prime Paint Other Than Manufacturer's Standard, Add</i>	223.15	
05 21 19 00-0002	TON H, J Or K Open Web Joist, >30' To 50' Span, Steel, Horizontal Bridging	2,413.96	173.95
	<i>For Welded Cross Bridging, Add</i>	206.15	
	<i>For Shop Prime Paint Other Than Manufacturer's Standard, Add</i>	207.21	
05 21 19 00-0003	TON LJ Or LH Open Web Joist, Up To 96' Span, Steel, Bolted Cross Bridging.....	2,902.05	173.95
	<i>For Welded Cross Bridging, Add</i>	214.08	
	<i>For Shop Prime Paint Other Than Manufacturer's Standard, Add</i>	262.61	
05 21 19 00-0004	TON DLJ Or DLH Open Web Joist, Up To 144' Span, Steel, Bolted Cross Bridging	3,291.11	173.95
	<i>For Welded Cross Bridging, Add</i>	214.08	
	<i>For Shop Prime Paint Other Than Manufacturer's Standard, Add</i>	309.30	
05 21 19 00-0005	TON CS Open Web Joist, Up To 30' Span, Steel, Horizontal Bridging	2,912.89	173.95
	<i>For Welded Cross Bridging, Add</i>	231.92	
	<i>For Shop Prime Paint Other Than Manufacturer's Standard, Add</i>	256.78	
05 21 19 00-0006	TON SLH Open Web Joist, Up To 200' Span, Steel, Bolted Cross Bridging.....	3,631.53	173.95
	<i>For Welded Cross Bridging, Add</i>	214.08	
	<i>For Shop Prime Paint Other Than Manufacturer's Standard, Add</i>	350.15	

05 30 Metal Decking ⁽⁰⁵⁾

Note: Includes all connecting bolts and welds.

05 31 Steel Decking ^(05 30)

See CSI section 03 30 00 00-0000 for concrete where required.

05 31 13 Steel Floor Decking ^(05 31)

Note: Floor or roof decking

05 31 13 00-0001 Open Ribbed Galvanized Steel Deck ^(05 31 13)

05 31 13 00-0002	SF 1" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	3.57	0.47
	<i>For Painted, Deduct</i>	-0.15	
	<i>For Perforated Or Slotted, Add</i>	0.15	
	<i>For Site Installed Insulation Between Ribs, Add</i>	0.94	
	<i>For Up To 100, Add</i>	0.89	
	<i>For >100 To 500, Add</i>	0.53	
	<i>For >500 To 1,500, Add</i>	0.15	
05 31 13 00-0003	SF 1" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	4.06	0.55
	<i>For Painted, Deduct</i>	-0.17	
	<i>For Perforated Or Slotted, Add</i>	0.17	
	<i>For Site Installed Insulation Between Ribs, Add</i>	1.07	
	<i>For Up To 100, Add</i>	1.03	
	<i>For >100 To 500, Add</i>	0.61	
	<i>For >500 To 1,500, Add</i>	0.17	
05 31 13 00-0004	SF 1" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	5.10	0.67
	<i>For Painted, Deduct</i>	-0.21	
	<i>For Perforated Or Slotted, Add</i>	0.21	
	<i>For Site Installed Insulation Between Ribs, Add</i>	1.34	
	<i>For Up To 100, Add</i>	1.26	
	<i>For >100 To 500, Add</i>	0.76	
	<i>For >500 To 1,500, Add</i>	0.21	
05 31 13 00-0005	SF 1-1/2" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck.....	3.91	0.53
	<i>For Painted, Deduct</i>	-0.16	
	<i>For Perforated Or Slotted, Add</i>	0.16	
	<i>For Site Installed Insulation Between Ribs, Add</i>	1.03	
	<i>For Up To 100, Add</i>	0.99	
	<i>For >100 To 500, Add</i>	0.59	
	<i>For >500 To 1,500, Add</i>	0.17	
05 31 13 00-0006	SF 1-1/2" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck.....	4.50	0.61
	<i>For Painted, Deduct</i>	-0.19	
	<i>For Perforated Or Slotted, Add</i>	0.19	
	<i>For Site Installed Insulation Between Ribs, Add</i>	1.18	
	<i>For Up To 100, Add</i>	1.13	
	<i>For >100 To 500, Add</i>	0.68	
	<i>For >500 To 1,500, Add</i>	0.19	
05 31 13 00-0007	SF 1-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....	5.67	0.74
	<i>For Painted, Deduct</i>	-0.24	
	<i>For Perforated Or Slotted, Add</i>	0.24	
	<i>For Site Installed Insulation Between Ribs, Add</i>	1.49	
	<i>For Up To 100, Add</i>	1.41	
	<i>For >100 To 500, Add</i>	0.85	
	<i>For >500 To 1,500, Add</i>	0.24	
05 31 13 00-0008	SF 2" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck.....	4.44	0.56
	<i>For Painted, Deduct</i>	-0.19	
	<i>For Perforated Or Slotted, Add</i>	0.19	
	<i>For Site Installed Insulation Between Ribs, Add</i>	1.16	
	<i>For Up To 100, Add</i>	1.07	
	<i>For >100 To 500, Add</i>	0.65	
	<i>For >500 To 1,500, Add</i>	0.18	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31	13 00-0009	SF		2" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck.....	5.16	0.65
				<i>For Painted, Deduct</i>	-0.22	
				<i>For Perforated Or Slotted, Add</i>	0.22	
				<i>For Site Installed Insulation Between Ribs, Add</i>	1.35	
				<i>For Up To 100, Add</i>	1.24	
				<i>For >100 To 500, Add</i>	0.76	
				<i>For >500 To 1,500, Add</i>	0.20	
05 31	13 00-0010	SF		2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....	6.38	0.73
				<i>For Painted, Deduct</i>	-0.27	
				<i>For Perforated Or Slotted, Add</i>	0.27	
				<i>For Site Installed Insulation Between Ribs, Add</i>	1.66	
				<i>For Up To 100, Add</i>	1.46	
				<i>For >100 To 500, Add</i>	0.91	
				<i>For >500 To 1,500, Add</i>	0.23	
05 31	13 00-0011	SF		2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck.....	8.05	0.78
				<i>For Painted, Deduct</i>	-0.35	
				<i>For Perforated Or Slotted, Add</i>	0.35	
				<i>For Site Installed Insulation Between Ribs, Add</i>	2.09	
				<i>For Up To 100, Add</i>	1.70	
				<i>For >100 To 500, Add</i>	1.10	
				<i>For >500 To 1,500, Add</i>	0.25	
05 31	13 00-0012	SF		3" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck.....	4.98	0.59
				<i>For Painted, Deduct</i>	-0.21	
				<i>For Perforated Or Slotted, Add</i>	0.21	
				<i>For Site Installed Insulation Between Ribs, Add</i>	1.30	
				<i>For Up To 100, Add</i>	1.16	
				<i>For >100 To 500, Add</i>	0.72	
				<i>For >500 To 1,500, Add</i>	0.19	
05 31	13 00-0013	SF		3" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck.....	5.81	0.67
				<i>For Painted, Deduct</i>	-0.25	
				<i>For Perforated Or Slotted, Add</i>	0.25	
				<i>For Site Installed Insulation Between Ribs, Add</i>	1.52	
				<i>For Up To 100, Add</i>	1.33	
				<i>For >100 To 500, Add</i>	0.83	
				<i>For >500 To 1,500, Add</i>	0.21	
05 31	13 00-0014	SF		3" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....	7.25	0.82
				<i>For Painted, Deduct</i>	-0.31	
				<i>For Perforated Or Slotted, Add</i>	0.31	
				<i>For Site Installed Insulation Between Ribs, Add</i>	1.89	
				<i>For Up To 100, Add</i>	1.66	
				<i>For >100 To 500, Add</i>	1.04	
				<i>For >500 To 1,500, Add</i>	0.26	
05 31	13 00-0015	SF		3" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck.....	9.13	1.01
				<i>For Painted, Deduct</i>	-0.39	
				<i>For Perforated Or Slotted, Add</i>	0.39	
				<i>For Site Installed Insulation Between Ribs, Add</i>	2.38	
				<i>For Up To 100, Add</i>	2.04	
				<i>For >100 To 500, Add</i>	1.29	
				<i>For >500 To 1,500, Add</i>	0.31	
05 31	13 00-0016	SF		4-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....	13.42	
				<i>For Painted, Deduct</i>	-0.63	
				<i>For Perforated Or Slotted, Add</i>	0.63	
				<i>For Site Installed Insulation Between Ribs, Add</i>	3.42	
				<i>For Up To 100, Add</i>	2.16	
				<i>For >100 To 500, Add</i>	1.62	
				<i>For >500 To 1,500, Add</i>	0.23	
05 31	13 00-0017	SF		4-1/2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck.....	16.95	0.82
				<i>For Painted, Deduct</i>	-0.80	
				<i>For Perforated Or Slotted, Add</i>	0.80	
				<i>For Site Installed Insulation Between Ribs, Add</i>	4.31	
				<i>For Up To 100, Add</i>	2.63	
				<i>For >100 To 500, Add</i>	2.01	
				<i>For >500 To 1,500, Add</i>	0.26	
05 31	13 00-0018	SF		6" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck.....	15.73	0.82
				<i>For Painted, Deduct</i>	-0.73	
				<i>For Perforated Or Slotted, Add</i>	0.73	
				<i>For Site Installed Insulation Between Ribs, Add</i>	4.01	
				<i>For Up To 100, Add</i>	2.51	
				<i>For >100 To 500, Add</i>	1.89	
				<i>For >500 To 1,500, Add</i>	0.26	
05 31	13 00-0019	SF		6" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....	16.44	1.01
				<i>For Painted, Deduct</i>	-0.76	
				<i>For Perforated Or Slotted, Add</i>	0.76	
				<i>For Site Installed Insulation Between Ribs, Add</i>	4.20	
				<i>For Up To 100, Add</i>	2.77	
				<i>For >100 To 500, Add</i>	2.02	
				<i>For >500 To 1,500, Add</i>	0.31	
05 31	13 00-0020	SF		6" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck.....	20.55	1.22
				<i>For Painted, Deduct</i>	-0.95	
				<i>For Perforated Or Slotted, Add</i>	0.95	
				<i>For Site Installed Insulation Between Ribs, Add</i>	5.25	
				<i>For Up To 100, Add</i>	3.43	
				<i>For >100 To 500, Add</i>	2.51	
				<i>For >500 To 1,500, Add</i>	0.38	
05 31	13 00-0021	SF		7-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....	18.17	1.10
				<i>For Painted, Deduct</i>	-0.84	
				<i>For Perforated Or Slotted, Add</i>	0.84	
				<i>For Site Installed Insulation Between Ribs, Add</i>	4.65	
				<i>For Up To 100, Add</i>	3.05	
				<i>For >100 To 500, Add</i>	2.23	
				<i>For >500 To 1,500, Add</i>	0.34	

05 Metals

05 30 Metal Decking

05 31 Steel Decking

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 31 13 00-0022	SF	7-1/2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck.....	22.66	1.33
		<i>For Painted, Deduct</i>	-1.05	
		<i>For Perforated Or Slotted, Add</i>	1.05	
		<i>For Site Installed Insulation Between Ribs, Add</i>	5.79	
		<i>For Up To 100, Add</i>	3.77	
		<i>For >100 To 500, Add</i>	2.77	
		<i>For >500 To 1,500, Add</i>	0.42	

05 31 13 00-0023 Cellular Galvanized Steel Deck (05 31 13)

Note: Cellular decking is made of a top ribbed sheet and a flat bottom sheet welded together to create hollow longitudinal cells within the panels.

05 31 13 00-0024	SF	1" Deep, 22/18 Gauge Cellular Galvanized Steel Deck.....	11.98	0.84
		<i>For Painted, Deduct</i>	-0.55	
		<i>For Perforated Or Slotted, Add</i>	0.55	
		<i>For Insulated Cells, Add</i>	2.46	
		<i>For Site Installed Insulation Between Ribs, Add</i>	3.07	
		<i>For Up To 100, Add</i>	2.15	
		<i>For >100 To 500, Add</i>	1.52	
		<i>For >500 To 1,500, Add</i>	0.27	
05 31 13 00-0025	SF	1" Deep, 18/18 Gauge Cellular Galvanized Steel Deck.....	12.96	1.12
		<i>For Painted, Deduct</i>	-0.58	
		<i>For Perforated Or Slotted, Add</i>	0.58	
		<i>For Insulated Cells, Add</i>	2.60	
		<i>For Site Installed Insulation Between Ribs, Add</i>	3.35	
		<i>For Up To 100, Add</i>	2.56	
		<i>For >100 To 500, Add</i>	1.72	
		<i>For >500 To 1,500, Add</i>	0.35	
05 31 13 00-0026	SF	1-1/2" Deep, 22/18 Gauge Cellular Galvanized Steel Deck.....	14.75	0.88
		<i>For Painted, Deduct</i>	-0.68	
		<i>For Perforated Or Slotted, Add</i>	0.68	
		<i>For Insulated Cells, Add</i>	3.07	
		<i>For Site Installed Insulation Between Ribs, Add</i>	3.77	
		<i>For Up To 100, Add</i>	2.47	
		<i>For >100 To 500, Add</i>	1.81	
		<i>For >500 To 1,500, Add</i>	0.28	
05 31 13 00-0027	SF	1-1/2" Deep, 18/18 Gauge Cellular Galvanized Steel Deck.....	15.89	1.18
		<i>For Painted, Deduct</i>	-0.72	
		<i>For Perforated Or Slotted, Add</i>	0.72	
		<i>For Insulated Cells, Add</i>	3.24	
		<i>For Site Installed Insulation Between Ribs, Add</i>	4.08	
		<i>For Up To 100, Add</i>	2.91	
		<i>For >100 To 500, Add</i>	2.03	
		<i>For >500 To 1,500, Add</i>	0.37	
05 31 13 00-0028	SF	3" Deep, 20/18 Gauge Cellular Galvanized Steel Deck.....	16.88	1.08
		<i>For Painted, Deduct</i>	-0.78	
		<i>For Perforated Or Slotted, Add</i>	0.78	
		<i>For Insulated Cells, Add</i>	3.50	
		<i>For Site Installed Insulation Between Ribs, Add</i>	4.32	
		<i>For Up To 100, Add</i>	2.89	
		<i>For >100 To 500, Add</i>	2.09	
		<i>For >500 To 1,500, Add</i>	0.33	
05 31 13 00-0029	SF	3" Deep, 18/18 Gauge Cellular Galvanized Steel Deck.....	20.18	1.24
		<i>For Painted, Deduct</i>	-0.93	
		<i>For Perforated Or Slotted, Add</i>	0.93	
		<i>For Insulated Cells, Add</i>	4.19	
		<i>For Site Installed Insulation Between Ribs, Add</i>	5.16	
		<i>For Up To 100, Add</i>	3.41	
		<i>For >100 To 500, Add</i>	2.48	
		<i>For >500 To 1,500, Add</i>	0.39	
05 31 13 00-0030	SF	3" Deep, 18/16 Gauge Cellular Galvanized Steel Deck.....	22.64	1.33
		<i>For Painted, Deduct</i>	-1.05	
		<i>For Perforated Or Slotted, Add</i>	1.05	
		<i>For Insulated Cells, Add</i>	4.72	
		<i>For Site Installed Insulation Between Ribs, Add</i>	5.78	
		<i>For Up To 100, Add</i>	3.77	
		<i>For >100 To 500, Add</i>	2.77	
		<i>For >500 To 1,500, Add</i>	0.42	
05 31 13 00-0031	SF	3" Deep, 16/16 Gauge Cellular Galvanized Steel Deck.....	24.47	1.43
		<i>For Painted, Deduct</i>	-1.13	
		<i>For Perforated Or Slotted, Add</i>	1.13	
		<i>For Insulated Cells, Add</i>	5.10	
		<i>For Site Installed Insulation Between Ribs, Add</i>	6.25	
		<i>For Up To 100, Add</i>	4.06	
		<i>For >100 To 500, Add</i>	2.98	
		<i>For >500 To 1,500, Add</i>	0.45	
05 31 13 00-0032	SF	4-1/2" Deep, 20/18 Gauge Cellular Galvanized Steel Deck.....	26.34	1.08
		<i>For Painted, Deduct</i>	-1.25	
		<i>For Perforated Or Slotted, Add</i>	1.25	
		<i>For Insulated Cells, Add</i>	5.62	
		<i>For Site Installed Insulation Between Ribs, Add</i>	6.69	
		<i>For Up To 100, Add</i>	3.85	
		<i>For >100 To 500, Add</i>	3.04	
		<i>For >500 To 1,500, Add</i>	0.34	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 13 00-0033	SF		4-1/2" Deep, 18/18 Gauge Cellular Galvanized Steel Deck.....	27.99	1.26
			<i>For Painted, Deduct</i>	-1.32	
			<i>For Perforated Or Slotted, Add</i>	1.32	
			<i>For Insulated Cells, Add</i>	5.94	
			<i>For Site Installed Insulation Between Ribs, Add</i>	7.11	
			<i>For Up To 100, Add</i>	4.22	
			<i>For >100 To 500, Add</i>	3.27	
			<i>For >500 To 1,500, Add</i>	0.40	
05 31 13 00-0034	SF		4-1/2" Deep, 18/16 Gauge Cellular Galvanized Steel Deck.....	29.57	1.35
			<i>For Painted, Deduct</i>	-1.39	
			<i>For Perforated Or Slotted, Add</i>	1.39	
			<i>For Insulated Cells, Add</i>	6.27	
			<i>For Site Installed Insulation Between Ribs, Add</i>	7.52	
			<i>For Up To 100, Add</i>	4.49	
			<i>For >100 To 500, Add</i>	3.47	
			<i>For >500 To 1,500, Add</i>	0.43	
05 31 13 00-0035	SF		4-1/2" Deep, 16/16 Gauge Cellular Galvanized Steel Deck.....	31.53	1.45
			<i>For Painted, Deduct</i>	-1.49	
			<i>For Perforated Or Slotted, Add</i>	1.49	
			<i>For Insulated Cells, Add</i>	6.68	
			<i>For Site Installed Insulation Between Ribs, Add</i>	8.02	
			<i>For Up To 100, Add</i>	4.79	
			<i>For >100 To 500, Add</i>	3.70	
			<i>For >500 To 1,500, Add</i>	0.46	
05 31 23			Steel Roof Decking <small>(05 31)</small>		
			See CSI section 05 31 13 00-0000 for Steel floor or roof decking.		
05 31 33			Steel Form Decking <small>(05 31)</small>		
05 31 33 00-0001			Open Ribbed Galvanized Steel Form Deck <small>(05 31 33)</small>		
05 31 33 00-0002	SF		9/16" Deep, 28 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.14	
			<i>For Painted, Deduct</i>	-0.11	
			<i>For Perforated Or Slotted, Add</i>	0.11	
			<i>For Up To 100, Add</i>	1.11	
			<i>For >100 To 500, Add</i>	0.58	
			<i>For >500 To 1,500, Add</i>	0.22	
05 31 33 00-0003	SF		9/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.34	
			<i>For Painted, Deduct</i>	-0.12	
			<i>For Perforated Or Slotted, Add</i>	0.12	
			<i>For Up To 100, Add</i>	1.18	
			<i>For >100 To 500, Add</i>	0.62	
			<i>For >500 To 1,500, Add</i>	0.24	
05 31 33 00-0004	SF		9/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.68	
			<i>For Painted, Deduct</i>	-0.13	
			<i>For Perforated Or Slotted, Add</i>	0.13	
			<i>For Up To 100, Add</i>	1.34	
			<i>For >100 To 500, Add</i>	0.69	
			<i>For >500 To 1,500, Add</i>	0.27	
05 31 33 00-0005	SF		9/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.97	
			<i>For Painted, Deduct</i>	-0.14	
			<i>For Perforated Or Slotted, Add</i>	0.14	
			<i>For Up To 100, Add</i>	1.50	
			<i>For >100 To 500, Add</i>	0.77	
			<i>For >500 To 1,500, Add</i>	0.31	
05 31 33 00-0006	SF		15/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.82	
			<i>For Painted, Deduct</i>	-0.14	
			<i>For Perforated Or Slotted, Add</i>	0.14	
			<i>For Up To 100, Add</i>	1.23	
			<i>For >100 To 500, Add</i>	0.66	
			<i>For >500 To 1,500, Add</i>	0.24	
05 31 33 00-0007	SF		15/16" Deep, 25 Gauge Open Ribbed Galvanized Steel Form Deck.....	4.01	
			<i>For Painted, Deduct</i>	-0.15	
			<i>For Perforated Or Slotted, Add</i>	0.15	
			<i>For Up To 100, Add</i>	1.29	
			<i>For >100 To 500, Add</i>	0.70	
			<i>For >500 To 1,500, Add</i>	0.25	
05 31 33 00-0008	SF		15/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck.....	4.20	
			<i>For Painted, Deduct</i>	-0.16	
			<i>For Perforated Or Slotted, Add</i>	0.16	
			<i>For Up To 100, Add</i>	1.39	
			<i>For >100 To 500, Add</i>	0.74	
			<i>For >500 To 1,500, Add</i>	0.27	
05 31 33 00-0009	SF		15/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck.....	4.47	
			<i>For Painted, Deduct</i>	-0.16	
			<i>For Perforated Or Slotted, Add</i>	0.16	
			<i>For Up To 100, Add</i>	1.55	
			<i>For >100 To 500, Add</i>	0.82	
			<i>For >500 To 1,500, Add</i>	0.31	
05 31 33 00-0010	SF		1-15/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck.....	4.72	
			<i>For Painted, Deduct</i>	-0.17	
			<i>For Perforated Or Slotted, Add</i>	0.17	
			<i>For Up To 100, Add</i>	1.62	
			<i>For >100 To 500, Add</i>	0.86	
			<i>For >500 To 1,500, Add</i>	0.32	
05 31 33 00-0011	SF		1-15/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck.....	5.16	
			<i>For Painted, Deduct</i>	-0.19	
			<i>For Perforated Or Slotted, Add</i>	0.19	
			<i>For Up To 100, Add</i>	1.71	
			<i>For >100 To 500, Add</i>	0.92	
			<i>For >500 To 1,500, Add</i>	0.33	

05 Metals**05 30 Metal Decking****05 31 Steel Decking**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 31 33 00-0012	SF	1-15/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck.....	5.94
		<i>For Painted, Deduct</i>	-0.23
		<i>For Perforated Or Slotted, Add</i>	0.23
		<i>For Up To 100, Add</i>	1.87
		<i>For >100 To 500, Add</i>	1.02
		<i>For >500 To 1,500, Add</i>	0.36
05 31 33 00-0013	SF	1-15/16" Deep, 20 Gauge Open Ribbed Galvanized Steel Form Deck.....	6.58
		<i>For Painted, Deduct</i>	-0.25
		<i>For Perforated Or Slotted, Add</i>	0.25
		<i>For Up To 100, Add</i>	2.13
		<i>For >100 To 500, Add</i>	1.15
		<i>For >500 To 1,500, Add</i>	0.41

05 36 Composite Metal Decking (05 30)

See CSI section 03 30 00 00-0000 for concrete.

05 36 00 00-0001 Composite Open Ribbed Galvanized Steel Deck (05 36)

Note: Composite decking has rolled-in embossments or ridges designed to interlock with the concrete slab.

05 36 00 00-0002	SF	1-1/2" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck.....	4.77
		<i>For Painted, Deduct</i>	-0.17
		<i>For Perforated Or Slotted, Add</i>	0.17
		<i>For Up To 100, Add</i>	1.63
		<i>For >100 To 500, Add</i>	0.86
		<i>For >500 To 1,500, Add</i>	0.32
05 36 00 00-0003	SF	1-1/2" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck.....	5.07
		<i>For Painted, Deduct</i>	-0.18
		<i>For Perforated Or Slotted, Add</i>	0.18
		<i>For Up To 100, Add</i>	1.79
		<i>For >100 To 500, Add</i>	0.93
		<i>For >500 To 1,500, Add</i>	0.36
05 36 00 00-0004	SF	1-1/2" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck.....	5.63
		<i>For Painted, Deduct</i>	-0.19
		<i>For Perforated Or Slotted, Add</i>	0.19
		<i>For Up To 100, Add</i>	2.16
		<i>For >100 To 500, Add</i>	1.09
		<i>For >500 To 1,500, Add</i>	0.44
05 36 00 00-0005	SF	1-1/2" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck.....	6.11
		<i>For Painted, Deduct</i>	-0.20
		<i>For Perforated Or Slotted, Add</i>	0.20
		<i>For Up To 100, Add</i>	2.52
		<i>For >100 To 500, Add</i>	1.25
		<i>For >500 To 1,500, Add</i>	0.53
05 36 00 00-0006	SF	2" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck.....	5.07
		<i>For Painted, Deduct</i>	-0.18
		<i>For Perforated Or Slotted, Add</i>	0.18
		<i>For Up To 100, Add</i>	1.79
		<i>For >100 To 500, Add</i>	0.93
		<i>For >500 To 1,500, Add</i>	0.36
05 36 00 00-0007	SF	2" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck.....	5.49
		<i>For Painted, Deduct</i>	-0.20
		<i>For Perforated Or Slotted, Add</i>	0.20
		<i>For Up To 100, Add</i>	1.97
		<i>For >100 To 500, Add</i>	1.02
		<i>For >500 To 1,500, Add</i>	0.40
05 36 00 00-0008	SF	2" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck.....	6.04
		<i>For Painted, Deduct</i>	-0.21
		<i>For Perforated Or Slotted, Add</i>	0.21
		<i>For Up To 100, Add</i>	2.33
		<i>For >100 To 500, Add</i>	1.18
		<i>For >500 To 1,500, Add</i>	0.48
05 36 00 00-0009	SF	2" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck.....	6.54
		<i>For Painted, Deduct</i>	-0.21
		<i>For Perforated Or Slotted, Add</i>	0.21
		<i>For Up To 100, Add</i>	2.69
		<i>For >100 To 500, Add</i>	1.33
		<i>For >500 To 1,500, Add</i>	0.57
05 36 00 00-0010	SF	3" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck.....	5.33
		<i>For Painted, Deduct</i>	-0.19
		<i>For Perforated Or Slotted, Add</i>	0.19
		<i>For Up To 100, Add</i>	1.86
		<i>For >100 To 500, Add</i>	0.97
		<i>For >500 To 1,500, Add</i>	0.37
05 36 00 00-0011	SF	3" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck.....	5.70
		<i>For Painted, Deduct</i>	-0.20
		<i>For Perforated Or Slotted, Add</i>	0.20
		<i>For Up To 100, Add</i>	2.07
		<i>For >100 To 500, Add</i>	1.07
		<i>For >500 To 1,500, Add</i>	0.42
05 36 00 00-0012	SF	3" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck.....	6.34
		<i>For Painted, Deduct</i>	-0.21
		<i>For Perforated Or Slotted, Add</i>	0.21
		<i>For Up To 100, Add</i>	2.49
		<i>For >100 To 500, Add</i>	1.25
		<i>For >500 To 1,500, Add</i>	0.52
05 36 00 00-0013	SF	3" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck.....	7.04
		<i>For Painted, Deduct</i>	-0.23
		<i>For Perforated Or Slotted, Add</i>	0.23
		<i>For Up To 100, Add</i>	2.92
		<i>For >100 To 500, Add</i>	1.44
		<i>For >500 To 1,500, Add</i>	0.62

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 36 00 00-0014	Composite Cellular Galvanized Steel Deck <small>(05 36)</small> Note: Composite decking has rolled-in embossments or ridges designed to interlock with the concrete slab. Cellular decking is made of a top ribbed sheet and a bottom flat sheet welded together to create hollow longitudinal cells within the panels.		
05 36 00 00-0015	SF 1-1/2" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck.....	8.74	
	<i>For Painted, Deduct</i>	-0.32	
	<i>For Perforated Or Slotted, Add</i>	0.32	
	<i>For Insulated Cells, Add</i>	1.45	
	<i>For Up To 100, Add</i>	2.95	
	<i>For >100 To 500, Add</i>	1.57	
	<i>For >500 To 1,500, Add</i>	0.58	
05 36 00 00-0016	SF 1-1/2" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck.....	9.31	
	<i>For Painted, Deduct</i>	-0.34	
	<i>For Perforated Or Slotted, Add</i>	0.34	
	<i>For Insulated Cells, Add</i>	1.52	
	<i>For Up To 100, Add</i>	3.23	
	<i>For >100 To 500, Add</i>	1.70	
	<i>For >500 To 1,500, Add</i>	0.64	
05 36 00 00-0017	SF 1-1/2" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck.....	9.41	
	<i>For Painted, Deduct</i>	-0.34	
	<i>For Perforated Or Slotted, Add</i>	0.34	
	<i>For Insulated Cells, Add</i>	1.52	
	<i>For Up To 100, Add</i>	3.33	
	<i>For >100 To 500, Add</i>	1.74	
	<i>For >500 To 1,500, Add</i>	0.66	
05 36 00 00-0018	SF 1-1/2" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck.....	9.96	
	<i>For Painted, Deduct</i>	-0.35	
	<i>For Perforated Or Slotted, Add</i>	0.35	
	<i>For Insulated Cells, Add</i>	1.58	
	<i>For Up To 100, Add</i>	3.65	
	<i>For >100 To 500, Add</i>	1.88	
	<i>For >500 To 1,500, Add</i>	0.74	
05 36 00 00-0019	SF 1-1/2" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck.....	10.67	
	<i>For Painted, Deduct</i>	-0.37	
	<i>For Perforated Or Slotted, Add</i>	0.37	
	<i>For Insulated Cells, Add</i>	1.68	
	<i>For Up To 100, Add</i>	3.94	
	<i>For >100 To 500, Add</i>	2.02	
	<i>For >500 To 1,500, Add</i>	0.80	
05 36 00 00-0020	SF 1-1/2" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck.....	10.77	
	<i>For Painted, Deduct</i>	-0.37	
	<i>For Perforated Or Slotted, Add</i>	0.37	
	<i>For Insulated Cells, Add</i>	1.68	
	<i>For Up To 100, Add</i>	4.04	
	<i>For >100 To 500, Add</i>	2.06	
	<i>For >500 To 1,500, Add</i>	0.82	
05 36 00 00-0021	SF 1-1/2" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck.....	11.32	
	<i>For Painted, Deduct</i>	-0.39	
	<i>For Perforated Or Slotted, Add</i>	0.39	
	<i>For Insulated Cells, Add</i>	1.74	
	<i>For Up To 100, Add</i>	4.36	
	<i>For >100 To 500, Add</i>	2.21	
	<i>For >500 To 1,500, Add</i>	0.90	
05 36 00 00-0022	SF 2" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck.....	9.01	
	<i>For Painted, Deduct</i>	-0.33	
	<i>For Perforated Or Slotted, Add</i>	0.33	
	<i>For Insulated Cells, Add</i>	1.47	
	<i>For Up To 100, Add</i>	3.12	
	<i>For >100 To 500, Add</i>	1.64	
	<i>For >500 To 1,500, Add</i>	0.62	
05 36 00 00-0023	SF 2" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck.....	9.50	
	<i>For Painted, Deduct</i>	-0.34	
	<i>For Perforated Or Slotted, Add</i>	0.34	
	<i>For Insulated Cells, Add</i>	1.54	
	<i>For Up To 100, Add</i>	3.34	
	<i>For >100 To 500, Add</i>	1.75	
	<i>For >500 To 1,500, Add</i>	0.66	
05 36 00 00-0024	SF 2" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck.....	9.61	
	<i>For Painted, Deduct</i>	-0.34	
	<i>For Perforated Or Slotted, Add</i>	0.34	
	<i>For Insulated Cells, Add</i>	1.54	
	<i>For Up To 100, Add</i>	3.45	
	<i>For >100 To 500, Add</i>	1.79	
	<i>For >500 To 1,500, Add</i>	0.69	
05 36 00 00-0025	SF 2" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck.....	10.27	
	<i>For Painted, Deduct</i>	-0.36	
	<i>For Perforated Or Slotted, Add</i>	0.36	
	<i>For Insulated Cells, Add</i>	1.62	
	<i>For Up To 100, Add</i>	3.77	
	<i>For >100 To 500, Add</i>	1.94	
	<i>For >500 To 1,500, Add</i>	0.76	
05 36 00 00-0026	SF 2" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck.....	10.85	
	<i>For Painted, Deduct</i>	-0.38	
	<i>For Perforated Or Slotted, Add</i>	0.38	
	<i>For Insulated Cells, Add</i>	1.70	
	<i>For Up To 100, Add</i>	4.05	
	<i>For >100 To 500, Add</i>	2.07	
	<i>For >500 To 1,500, Add</i>	0.82	

05 Metals**05 30 Metal Decking****05 36 Composite Metal Decking**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 36 00 00-0027	SF	2" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck	11.00	
		<i>For Painted, Deduct</i>	-0.38	
		<i>For Perforated Or Slotted, Add</i>	0.38	
		<i>For Insulated Cells, Add</i>	1.70	
		<i>For Up To 100, Add</i>	4.20	
		<i>For >100 To 500, Add</i>	2.13	
		<i>For >500 To 1,500, Add</i>	0.86	
05 36 00 00-0028	SF	2" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck	11.59	
		<i>For Painted, Deduct</i>	-0.40	
		<i>For Perforated Or Slotted, Add</i>	0.40	
		<i>For Insulated Cells, Add</i>	1.78	
		<i>For Up To 100, Add</i>	4.48	
		<i>For >100 To 500, Add</i>	2.27	
		<i>For >500 To 1,500, Add</i>	0.92	
05 36 00 00-0029	SF	3" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck	9.05	
		<i>For Painted, Deduct</i>	-0.33	
		<i>For Perforated Or Slotted, Add</i>	0.33	
		<i>For Insulated Cells, Add</i>	1.48	
		<i>For Up To 100, Add</i>	3.12	
		<i>For >100 To 500, Add</i>	1.64	
		<i>For >500 To 1,500, Add</i>	0.62	
05 36 00 00-0030	SF	3" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck	9.55	
		<i>For Painted, Deduct</i>	-0.34	
		<i>For Perforated Or Slotted, Add</i>	0.34	
		<i>For Insulated Cells, Add</i>	1.54	
		<i>For Up To 100, Add</i>	3.39	
		<i>For >100 To 500, Add</i>	1.77	
		<i>For >500 To 1,500, Add</i>	0.68	
05 36 00 00-0031	SF	3" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck	9.70	
		<i>For Painted, Deduct</i>	-0.34	
		<i>For Perforated Or Slotted, Add</i>	0.34	
		<i>For Insulated Cells, Add</i>	1.54	
		<i>For Up To 100, Add</i>	3.54	
		<i>For >100 To 500, Add</i>	1.83	
		<i>For >500 To 1,500, Add</i>	0.71	
05 36 00 00-0032	SF	3" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck	10.37	
		<i>For Painted, Deduct</i>	-0.36	
		<i>For Perforated Or Slotted, Add</i>	0.36	
		<i>For Insulated Cells, Add</i>	1.64	
		<i>For Up To 100, Add</i>	3.83	
		<i>For >100 To 500, Add</i>	1.97	
		<i>For >500 To 1,500, Add</i>	0.78	
05 36 00 00-0033	SF	3" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck	11.04	
		<i>For Painted, Deduct</i>	-0.38	
		<i>For Perforated Or Slotted, Add</i>	0.38	
		<i>For Insulated Cells, Add</i>	1.73	
		<i>For Up To 100, Add</i>	4.12	
		<i>For >100 To 500, Add</i>	2.11	
		<i>For >500 To 1,500, Add</i>	0.84	
05 36 00 00-0034	SF	3" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck	11.23	
		<i>For Painted, Deduct</i>	-0.38	
		<i>For Perforated Or Slotted, Add</i>	0.38	
		<i>For Insulated Cells, Add</i>	1.73	
		<i>For Up To 100, Add</i>	4.31	
		<i>For >100 To 500, Add</i>	2.19	
		<i>For >500 To 1,500, Add</i>	0.89	
05 36 00 00-0035	SF	3" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck	11.68	
		<i>For Painted, Deduct</i>	-0.40	
		<i>For Perforated Or Slotted, Add</i>	0.40	
		<i>For Insulated Cells, Add</i>	1.78	
		<i>For Up To 100, Add</i>	4.57	
		<i>For >100 To 500, Add</i>	2.30	
		<i>For >500 To 1,500, Add</i>	0.95	

05 36 00 00-0036 Non-Cellular, Composite Deck, Galvanized (05 36)

05 36 00 00-0037	SF	1" Deep x 16 Gauge Composite Metal Deck Galvanized, Non Cellular	6.93
05 36 00 00-0038	SF	1" Deep x 18 Gauge Composite Metal Deck Galvanized, Non Cellular	5.65
05 36 00 00-0039	SF	1" Deep x 20 Gauge Composite Metal Deck Galvanized, Non Cellular	4.65
05 36 00 00-0040	SF	1" Deep x 22 Gauge Composite Metal Deck Galvanized, Non Cellular	3.99
05 36 00 00-0041	SF	1-1/2" Deep x 16 Gauge Composite Metal Deck Galvanized, Non Cellular	7.63
05 36 00 00-0042	SF	1-1/2" Deep x 18 Gauge Composite Metal Deck Galvanized, Non Cellular	6.17
05 36 00 00-0043	SF	1-1/2" Deep x 20 Gauge Composite Metal Deck Galvanized, Non Cellular	5.09
05 36 00 00-0044	SF	1-1/2" Deep x 22 Gauge Composite Metal Deck Galvanized, Non Cellular	4.36
05 36 00 00-0045	SF	3" Deep x 16 Gauge Composite Metal Deck Galvanized, Non Cellular	8.77
05 36 00 00-0046	SF	3" Deep x 18 Gauge Composite Metal Deck Galvanized, Non Cellular	6.98
05 36 00 00-0047	SF	3" Deep x 20 Gauge Composite Metal Deck Galvanized, Non Cellular	5.81
05 36 00 00-0048	SF	3" Deep x 22 Gauge Composite Metal Deck Galvanized, Non Cellular	5.24

05 40 Cold-Formed Metal Framing (05)

Note: Includes all connecting bolts and welds.

05 41 Structural Metal Stud Framing (05 40)

Note: Includes studs, bridging, fasteners, and metal stiffener at half height. Do not deduct for openings of less than 25 SF.

 05 41 00 00-0001 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners (05 41)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 41 00 00-0002	SF	2-1/2"	Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners5.01	5.01	0.99
			<i>For Walls >10' High, Add</i>	1.00	
			<i>For Curved Wall, Add</i>	0.69	
			<i>For Up To 200, Add</i>	1.46	
			<i>For >200 To 500, Add</i>	0.73	
			<i>For 12" On Center, Add</i>	0.89	
			<i>For 24" On Center, Deduct</i>	-0.89	
05 41 00 00-0003	SF	3-5/8"	Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....5.60	5.60	0.99
			<i>For Walls >10' High, Add</i>	1.12	
			<i>For Curved Wall, Add</i>	0.73	
			<i>For Up To 200, Add</i>	1.60	
			<i>For >200 To 500, Add</i>	0.80	
			<i>For 12" On Center, Add</i>	1.00	
			<i>For 24" On Center, Deduct</i>	-1.00	
05 41 00 00-0004	SF	4"	Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....5.84	5.84	0.99
			<i>For Walls >10' High, Add</i>	1.17	
			<i>For Curved Wall, Add</i>	0.76	
			<i>For Up To 200, Add</i>	1.67	
			<i>For >200 To 500, Add</i>	0.84	
			<i>For 12" On Center, Add</i>	1.04	
			<i>For 24" On Center, Deduct</i>	-1.04	
05 41 00 00-0005	SF	6"	Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....7.41	7.41	1.10
			<i>For Walls >10' High, Add</i>	1.48	
			<i>For Curved Wall, Add</i>	0.79	
			<i>For Up To 200, Add</i>	2.01	
			<i>For >200 To 500, Add</i>	1.00	
			<i>For 12" On Center, Add</i>	1.35	
			<i>For 24" On Center, Deduct</i>	-1.35	
05 41 00 00-0006	SF	8"	Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....8.27	8.27	1.21
			<i>For Walls >10' High, Add</i>	1.65	
			<i>For Curved Wall, Add</i>	0.82	
			<i>For Up To 200, Add</i>	2.20	
			<i>For >200 To 500, Add</i>	1.10	
			<i>For 12" On Center, Add</i>	1.52	
			<i>For 24" On Center, Deduct</i>	-1.52	

05 41 00 00-0007 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners (05 41)

05 41 00 00-0008	SF	2-1/2"	Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....5.38	5.38	0.99
			<i>For Walls >10' High, Add</i>	1.08	
			<i>For Curved Wall, Add</i>	0.73	
			<i>For Up To 200, Add</i>	1.56	
			<i>For >200 To 500, Add</i>	0.78	
			<i>For 12" On Center, Add</i>	0.96	
			<i>For 24" On Center, Deduct</i>	-0.96	
05 41 00 00-0009	SF	3-5/8"	Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....6.22	6.22	1.00
			<i>For Walls >10' High, Add</i>	1.24	
			<i>For Curved Wall, Add</i>	0.76	
			<i>For Up To 200, Add</i>	1.75	
			<i>For >200 To 500, Add</i>	0.88	
			<i>For 12" On Center, Add</i>	1.12	
			<i>For 24" On Center, Deduct</i>	-1.12	
05 41 00 00-0010	SF	4"	Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....6.56	6.56	1.00
			<i>For Walls >10' High, Add</i>	1.31	
			<i>For Curved Wall, Add</i>	0.79	
			<i>For Up To 200, Add</i>	1.84	
			<i>For >200 To 500, Add</i>	0.92	
			<i>For 12" On Center, Add</i>	1.18	
			<i>For 24" On Center, Deduct</i>	-1.18	
05 41 00 00-0011	SF	6"	Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....8.29	8.29	1.21
			<i>For Walls >10' High, Add</i>	1.66	
			<i>For Curved Wall, Add</i>	0.83	
			<i>For Up To 200, Add</i>	2.21	
			<i>For >200 To 500, Add</i>	1.11	
			<i>For 12" On Center, Add</i>	1.52	
			<i>For 24" On Center, Deduct</i>	-1.52	
05 41 00 00-0012	SF	8"	Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....9.13	9.13	1.32
			<i>For Walls >10' High, Add</i>	1.83	
			<i>For Curved Wall, Add</i>	0.87	
			<i>For Up To 200, Add</i>	2.41	
			<i>For >200 To 500, Add</i>	1.20	
			<i>For 12" On Center, Add</i>	1.68	
			<i>For 24" On Center, Deduct</i>	-1.68	

05 41 00 00-0013 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners (05 41)

05 41 00 00-0014	SF	3-5/8"	Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....7.41	7.41	1.38
			<i>For Walls >10' High, Add</i>	1.48	
			<i>For Curved Wall, Add</i>	0.92	
			<i>For Up To 200, Add</i>	2.09	
			<i>For >200 To 500, Add</i>	1.05	
			<i>For 12" On Center, Add</i>	1.33	
			<i>For 24" On Center, Deduct</i>	-1.33	

05 Metals**05 40 Cold-Formed Metal Framing****05 41 Structural Metal Stud Framing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 41 00 00-0015	SF	4" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	7.61	1.40
		<i>For Walls >10' High, Add</i>	1.52	
		<i>For Curved Wall, Add</i>	0.93	
		<i>For Up To 200, Add</i>	2.14	
		<i>For >200 To 500, Add</i>	1.07	
		<i>For 12" On Center, Add</i>	1.37	
		<i>For 24" On Center, Deduct</i>	-1.37	
05 41 00 00-0016	SF	6" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	9.52	1.47
		<i>For Walls >10' High, Add</i>	1.90	
		<i>For Curved Wall, Add</i>	0.98	
		<i>For Up To 200, Add</i>	2.56	
		<i>For >200 To 500, Add</i>	1.28	
		<i>For 12" On Center, Add</i>	1.74	
		<i>For 24" On Center, Deduct</i>	-1.74	
05 41 00 00-0017	SF	8" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	10.46	1.54
		<i>For Walls >10' High, Add</i>	2.09	
		<i>For Curved Wall, Add</i>	1.03	
		<i>For Up To 200, Add</i>	2.78	
		<i>For >200 To 500, Add</i>	1.39	
		<i>For 12" On Center, Add</i>	1.92	
		<i>For 24" On Center, Deduct</i>	-1.92	

05 42 Cold-Formed Metal Joist Framing (05 40)**05 42 13 Cold-Formed Metal Floor Joist Framing** (05 42)

Note: Floor or roof joist framing

05 42 13 00-0001		Steel Joists, 20 Gauge <small>(05 42 13)</small>		
05 42 13 00-0002	LF	5-1/2" - 20 Gauge Steel Joists	10.58	2.36
05 42 13 00-0003	LF	6" - 20 Gauge Steel Joists	11.55	2.97
05 42 13 00-0004	LF	7-1/4" - 20 Gauge Steel Joists	12.46	3.25
05 42 13 00-0005	LF	8" - 20 Gauge Steel Joists	13.99	3.46
05 42 13 00-0006		Steel Joists, 18 Gauge <small>(05 42 13)</small>		
05 42 13 00-0007	LF	5-1/2" - 18 Gauge Steel Joists	11.79	2.62
05 42 13 00-0008	LF	6" - 18 Gauge Steel Joists	12.88	3.30
05 42 13 00-0009	LF	7-1/4" - 18 Gauge Steel Joists	13.95	3.61
05 42 13 00-0010	LF	8" - 18 Gauge Steel Joists	14.36	3.84
05 42 13 00-0011		Steel Joists, 16 Gauge <small>(05 42 13)</small>		
05 42 13 00-0012	LF	7-1/4" - 16 Gauge Steel Joists	15.09	3.65
05 42 13 00-0013	LF	8" - 16 Gauge Steel Joists	15.93	3.84
05 42 13 00-0014		Steel Joists, 14 Gauge <small>(05 42 13)</small>		
05 42 13 00-0015	LF	9-1/4" - 14 Gauge Steel Joists	17.98	3.84
05 42 13 00-0016	LF	11-1/2" - 14 Gauge Steel Joists	19.53	4.05
05 42 13 00-0017		Steel Joists, 12 Gauge <small>(05 42 13)</small>		
05 42 13 00-0018	LF	9-1/4" - 12 Gauge Steel Joists	21.39	4.23
05 42 13 00-0019	LF	11-1/2" - 12 Gauge Steel Joists	23.40	4.46
05 42 13 00-0020		Steel Joists, 10 Gauge <small>(05 42 13)</small>		
05 42 13 00-0021	LF	9-1/4" - 10 Gauge Steel Joists	24.87	4.65
05 42 13 00-0022	LF	11-1/2" - 10 Gauge Steel Joists	27.33	4.90
05 42 13 00-0023		Steel Joists, 8 Gauge <small>(05 42 13)</small>		
05 42 13 00-0024	LF	9-1/4" - 8 Gauge Steel Joists	28.41	5.12
05 42 13 00-0025	LF	11-1/2" - 8 Gauge Steel Joists	31.29	5.39

05 42 23 Cold-Formed Metal Roof Joist Framing (05 42)

See CSI section 05 42 13 00-0000 for metal joist framing.

05 43 Slotted Channel Framing (05 40)

05 43 00 00-0001		Unistrut Channel <small>(05 43)</small>		
		Note: Excludes fasteners and accessories.		
05 43 00 00-0002		Steel Unistrut Channel <small>(05 43 00 00-0001)</small>		
05 43 00 00-0003	LF	1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	12.40	2.36
		<i>For Galvanizing, Add</i>	1.31	
		<i>For Powder Coating, Add</i>	1.15	
05 43 00 00-0004	LF	1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	12.77	2.36
		<i>For Galvanizing, Add</i>	1.37	
		<i>For Powder Coating, Add</i>	1.21	
05 43 00 00-0005	LF	1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	13.35	2.36
		<i>For Galvanizing, Add</i>	1.47	
		<i>For Powder Coating, Add</i>	1.29	

			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 43 00 00-0006	LF	1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel <i>For Galvanizing, Add</i> <i>For Powder Coating, Add</i>	11.66 1.18 1.04	2.36
05 43 00 00-0007	LF	1-5/8" Wide x 13/16" High, 14 Gauge, Steel Unistrut Channel <i>For Galvanizing, Add</i> <i>For Powder Coating, Add</i>	10.03 0.90 0.80	2.36
05 43 00 00-0008		Stainless Steel Unistrut Channel <small>(05 43 00 00-0001)</small>		
05 43 00 00-0009		304 Stainless Steel Unistrut Channel <small>(05 43 00 00-0008)</small>		
05 43 00 00-0010	LF	1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	33.16	2.36
05 43 00 00-0011	LF	1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	40.11	2.36
05 43 00 00-0012	LF	1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	38.38	2.36
05 43 00 00-0013	LF	1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	49.11	2.36
05 43 00 00-0014		316 Stainless Steel Unistrut Channel <small>(05 43 00 00-0008)</small>		
05 43 00 00-0015	LF	1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel	55.70	2.36
05 43 00 00-0016		Unistrut Closure Strips <small>(05 43)</small>		
05 43 00 00-0017	LF	Steel Raceway Closure Strip For Unistrut Channel	6.82	0.52
05 43 00 00-0018		Lock Nuts With Spring For Unistrut Channel <small>(05 43)</small>		
		Note: Includes hex bolt.		
05 43 00 00-0019		Steel Lock Nuts With Spring For Unistrut Channel <small>(05 43 00 00-0018)</small>		
		Note: Includes hex bolt.		
05 43 00 00-0020	EA	1/4-20, Steel Lock Nut With Spring For Unistrut Channel	7.47	
05 43 00 00-0021	EA	3/8-16, Steel Lock Nut With Spring For Unistrut Channel	8.26	
05 43 00 00-0022	EA	1/2-13, Steel Lock Nut With Spring For Unistrut Channel	8.85	
05 43 00 00-0023	EA	5/8-11, Steel Lock Nut With Spring For Unistrut Channel	12.06	
05 43 00 00-0024		Stainless Steel Lock Nuts With Spring For Unistrut Channel <small>(05 43 00 00-0018)</small>		
		Note: Includes hex bolt.		
05 43 00 00-0025	EA	1/4-20, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	18.29	
05 43 00 00-0026	EA	3/8-16, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	19.56	
05 43 00 00-0027	EA	1/2-13, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	28.30	
05 43 00 00-0028	EA	5/8-11, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	49.46	
05 43 00 00-0029		Lock Nuts Without Spring For Unistrut Channel <small>(05 43)</small>		
		Note: Includes hex bolt.		
05 43 00 00-0030		Steel Lock Nuts Without Spring For Unistrut Channel <small>(05 43 00 00-0029)</small>		
		Note: Includes hex bolt.		
05 43 00 00-0031	EA	1/4-20, Steel Lock Nut Without Spring For Unistrut Channel	7.49	
05 43 00 00-0032	EA	3/8-16, Steel Lock Nut Without Spring For Unistrut Channel	8.37	
05 43 00 00-0033	EA	1/2-13, Steel Lock Nut Without Spring For Unistrut Channel	8.90	
05 43 00 00-0034	EA	5/8-11, Steel Lock Nut Without Spring For Unistrut Channel	12.99	
05 43 00 00-0035		Stainless Steel Lock Nuts Without Spring For Unistrut Channel <small>(05 43 00 00-0029)</small>		
		Note: Includes hex bolt.		
05 43 00 00-0036	EA	1/4-20, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	12.68	
05 43 00 00-0037	EA	3/8-16, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	15.60	
05 43 00 00-0038	EA	1/2-13, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	17.13	
05 43 00 00-0039	EA	5/8-11, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	48.14	
05 43 00 00-0040		Beam Clamp For Unistrut Channel <small>(05 43)</small>		
05 43 00 00-0041	EA	1-5/8" Channel, P2675 Unistrut Beam Clamp	22.97	7.84
05 43 00 00-0042	EA	1-5/8" Channel, P2676 Unistrut Beam Clamp	29.75	7.84
05 43 00 00-0043	EA	Add For Unistrut Swivel Nut, P2676	3.69	
05 43 00 00-0044		Beam Clamp Clevis Hangers For Unistrut Channel <small>(05 43)</small>		
05 43 00 00-0045	EA	Up To 3/8" Rod, Beam Clamp Clevis Hanger (Unistrut P2674)	25.32	7.84
05 43 00 00-0046	EA	Up To 1/2" Rod, Beam Clamp Clevis Hanger (Unistrut P2677)	30.72	7.84
05 43 00 00-0047	EA	Add For Unistrut Swivel Nut	3.69	
05 43 00 00-0048	EA	6-Hole ElectroGalvanized Steel Shelf Bracket For Unistrut	172.82	10.45
05 43 00 00-0049		Pipe And Rigid Conduit Clamps <small>(05 43)</small>		
05 43 00 00-0050		Pipe And Rigid Conduit Clamps <small>(05 43 00 00-0049)</small>		
		Note: Includes stainless steel (316) hardware.		
05 43 00 00-0051	PR	1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	7.37	2.18
05 43 00 00-0052	PR	3/4" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	7.56	2.18
05 43 00 00-0053	PR	1" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	8.63	2.63
05 43 00 00-0054	PR	1-1/4" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	9.13	2.86
05 43 00 00-0055	PR	1-1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	11.75	3.20
05 43 00 00-0056	PR	2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	11.75	3.20

05 Metals**05 40 Cold-Formed Metal Framing****05 43 Slotted Channel Framing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 43 00 00-0057	PR	2-1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	17.89	5.37
05 43 00 00-0058	PR	3" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	18.26	5.37
05 43 00 00-0059	PR	3-1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	19.46	5.94
05 43 00 00-0060	PR	4" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	21.57	6.40

05 43 00 00-0061 Pipe And Rigid Conduit Clamps (05 43 00 00-0049)

Note: Includes nylon hardware.

05 43 00 00-0062	PR	1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....	10.61	2.18
05 43 00 00-0063	PR	3/4" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....	10.99	2.18
05 43 00 00-0064	PR	1" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....	12.06	2.63
05 43 00 00-0065	PR	1-1/4" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....	12.70	2.86
05 43 00 00-0066	PR	1-1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....	17.32	3.20
05 43 00 00-0067	PR	2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....	17.32	3.20
05 43 00 00-0068	PR	2-1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....	25.41	5.37
05 43 00 00-0069	PR	3" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....	26.17	5.37
05 43 00 00-0070	PR	3-1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....	27.50	5.94
05 43 00 00-0071	PR	4" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....	30.71	6.40

05 43 00 00-0072 Accessories For Unistrut Channel (05 43)

05 43 00 00-0073	EA	Trolley Truck Hanger, 1-5/8" Channel P1834.....	56.57	7.84
05 43 00 00-0074	EA	Flat Plate Fitting, One Hole, 1-5/8" Channel P1064.....	13.86	5.23
05 43 00 00-0075	EA	60 Degree Angle, 1-5/8" Channel P2097.....	14.54	5.23

05 43 00 00-0076 Bases For Unistrut Channel (05 43)**05 43 00 00-0077 Steel Bases For Unistrut Channel (05 43 00 00-0076)**

Note: Includes straight or angled post mounting and fasteners.

05 43 00 00-0078	EA	6" x 6", 1-5/8" Height, Single Post, Steel Base For Unistrut Channel.....	106.55	26.14
05 43 00 00-0079	EA	6" x 6", 3-1/2" Height, Single Post, Steel Base For Unistrut Channel.....	107.37	26.14
05 43 00 00-0080	EA	6" x 6", 1-5/8" Height, Double Post, Steel Base For Unistrut Channel.....	155.61	26.14
05 43 00 00-0081	EA	6" x 6", 3-1/2" Height, Double Post, Steel Base For Unistrut Channel.....	126.18	26.14

05 43 00 00-0082 Stainless Steel Bases For Unistrut Channel (05 43 00 00-0076)

Note: Includes straight or angled post mounting and fasteners.

05 43 00 00-0083	EA	6" x 6", 1-5/8" Height, Single Post, 304 Stainless Steel Base For Unistrut Channel.....	220.49	26.14
05 43 00 00-0084	EA	6" x 6", 3-1/2" Height, Single Post, 304 Stainless Steel Base For Unistrut Channel.....	401.06	26.14
05 43 00 00-0085	EA	6" x 6", 3-1/2" Height, Double Post, 304 Stainless Steel Base For Unistrut Channel.....	305.81	26.14
05 43 00 00-0086	EA	6" x 6", 1-5/8" Height, Single Post, 316 Stainless Steel Base For Unistrut Channel.....	451.80	26.14
05 43 00 00-0087	EA	6" x 6", 3-1/2" Height, Double Post, 316 Stainless Steel Base For Unistrut Channel.....	398.16	26.14

05 44 Cold-Formed Metal Trusses (05 40)**05 44 13 Cold-Formed Metal Roof Trusses (05 44)****05 44 13 00-0001 Metal Trusses (05 44 13)****05 44 13 00-0002 4:12 Pitch Metal Trusses (05 44 13 00-0001)**

05 44 13 00-0003	EA	28' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch.....	565.70	105.52
		For 4" Chords, Deduct.....	-107.54	
		For 14 Gauge, Add.....	140.54	
		For 16 Gauge, Add.....	55.69	
05 44 13 00-0004	EA	30' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch.....	589.23	106.46
		For 4" Chords, Deduct.....	-114.61	
		For 14 Gauge, Add.....	147.53	
		For 16 Gauge, Add.....	59.15	
05 44 13 00-0005	EA	32' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch.....	607.59	107.38
		For 4" Chords, Deduct.....	-119.97	
		For 14 Gauge, Add.....	152.92	
		For 16 Gauge, Add.....	61.78	
05 44 13 00-0006	EA	34' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch.....	644.29	112.69
		For 4" Chords, Deduct.....	-128.09	
		For 14 Gauge, Add.....	162.54	
		For 16 Gauge, Add.....	65.90	
05 44 13 00-0007	EA	36' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch.....	675.81	118.02
		For 4" Chords, Deduct.....	-134.51	
		For 14 Gauge, Add.....	170.56	
		For 16 Gauge, Add.....	69.19	
05 44 13 00-0008	EA	38' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch.....	694.73	119.12
		For 4" Chords, Deduct.....	-139.91	
		For 14 Gauge, Add.....	176.05	
		For 16 Gauge, Add.....	71.84	
05 44 13 00-0009	EA	40' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch.....	718.86	120.25
		For 4" Chords, Deduct.....	-147.03	
		For 14 Gauge, Add.....	183.16	
		For 16 Gauge, Add.....	75.33	
05 44 13 00-0010	EA	42' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch.....	752.47	126.27
		For 4" Chords, Deduct.....	-153.62	
		For 14 Gauge, Add.....	191.60	
		For 16 Gauge, Add.....	78.73	
05 44 13 00-0011	EA	44' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch.....	791.26	132.28
		For 4" Chords, Deduct.....	-161.91	
		For 14 Gauge, Add.....	201.64	
		For 16 Gauge, Add.....	82.95	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 44 13 00-0012	EA			46' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch <i>For 4" Chords, Deduct</i> <i>For 14 Gauge, Add</i> <i>For 16 Gauge, Add</i>	824.88 -168.49 210.08 86.34	138.30
05 44 13 00-0013	EA			48' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch <i>For 4" Chords, Deduct</i> <i>For 14 Gauge, Add</i> <i>For 16 Gauge, Add</i>	863.67 -176.78 220.12 90.57	144.31
05 44 13 00-0014				5:12 To 6:12 Pitch Metal Trusses <small>(05 44 13 00-0001)</small>		
05 44 13 00-0015	EA			28' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch <i>For 4" Chords, Deduct</i> <i>For 14 Gauge, Add</i> <i>For 16 Gauge, Add</i>	679.36 -125.71 167.27 65.37	131.30
05 44 13 00-0016	EA			30' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch <i>For 4" Chords, Deduct</i> <i>For 14 Gauge, Add</i> <i>For 16 Gauge, Add</i>	703.89 -132.86 174.46 68.88	132.57
05 44 13 00-0017	EA			32' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch <i>For 4" Chords, Deduct</i> <i>For 14 Gauge, Add</i> <i>For 16 Gauge, Add</i>	728.42 -140.01 181.65 72.39	133.82
05 44 13 00-0018	EA			34' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch <i>For 4" Chords, Deduct</i> <i>For 14 Gauge, Add</i> <i>For 16 Gauge, Add</i>	775.60 -148.98 193.37 77.03	142.62
05 44 13 00-0019	EA			36' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch <i>For 4" Chords, Deduct</i> <i>For 14 Gauge, Add</i> <i>For 16 Gauge, Add</i>	822.77 -157.94 205.09 81.67	151.43
05 44 13 00-0020	EA			38' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch <i>For 4" Chords, Deduct</i> <i>For 14 Gauge, Add</i> <i>For 16 Gauge, Add</i>	746.63 -157.04 192.14 80.15	153.02
05 44 13 00-0021	EA			40' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch <i>For 4" Chords, Deduct</i> <i>For 14 Gauge, Add</i> <i>For 16 Gauge, Add</i>	873.85 -172.41 219.87 88.79	154.61
05 44 13 00-0022	EA			42' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch <i>For 4" Chords, Deduct</i> <i>For 14 Gauge, Add</i> <i>For 16 Gauge, Add</i>	917.80 -181.11 230.94 93.27	162.34
05 44 13 00-0023	EA			44' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch <i>For 4" Chords, Deduct</i> <i>For 14 Gauge, Add</i> <i>For 16 Gauge, Add</i>	961.75 -189.82 242.02 97.75	170.09
05 44 13 00-0024	EA			46' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch <i>For 4" Chords, Deduct</i> <i>For 14 Gauge, Add</i> <i>For 16 Gauge, Add</i>	1,005.71 -198.53 253.09 102.24	177.81
05 44 13 00-0025	EA			48' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch <i>For 4" Chords, Deduct</i> <i>For 14 Gauge, Add</i> <i>For 16 Gauge, Add</i>	1,049.66 -207.23 264.17 106.72	185.54

05 45 Metal Support Assemblies (05 40)

- 05 45 13 Mechanical Metal Supports** (05 45)
See CSI section 23 05 29 00-0000 for metal supports.
- 05 45 16 Electrical Metal Supports** (05 45)
See CSI section 26 05 29 00-0000 for metal supports.

05 50 Metal Fabrications (05)

05 51 Metal Stairs (05 50)

05 51 13 Metal Pan Stairs (05 51)

Note: Open concrete filled metal pan stair and landing including steel stringer, safety nosing and concrete. Excludes handrail.
See CSI section 05 52 13 00-0000 for handrails.

05 51 13 00-0001				Open Concrete Filled Metal Pan Stair And Landing <small>(05 51 13)</small> Note: Includes steel stringer, safety nosing and concrete. Excludes handrail.		
05 51 13 00-0002	RSR			3'-6" Wide Open Concrete Filled Metal Pan Tread Stair <i>For Closed Riser, Add</i>	1,055.45 122.47	30.51
05 51 13 00-0003	RSR			4'-0" Wide Open Concrete Filled Metal Pan Tread Stair <i>For Closed Riser, Add</i>	1,198.91 138.99	35.60
05 51 13 00-0004	RSR			5'-0" Wide Open Concrete Filled Metal Pan Tread Stair <i>For Closed Riser, Add</i>	1,334.51 154.42	41.70
05 51 13 00-0005	SF			Concrete Filled Steel Pan Landing Note: Conventional shape.	82.78	5.08

05 51 19 Metal Grating Stairs (05 51)

Note: Open steel grating tread metal stair and landing including steel stringers, safety nosing and 2 pipe handrail.

- 05 51 19 00-0001 **Open Steel Grating Tread Metal Stair And Landing** (05 51 19)
Note: Includes steel stringers, safety nosing and 2 pipe handrail.

05 Metals
05 50 Metal Fabrications
05 51 Metal Stairs

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 51 19 00-0002	RSR 3'-6" Wide Open Steel Grating Tread Metal Stair	507.10	40.68
	<i>For Closed Riser, Add</i>	61.45	
	<i>For Galvanized Steel, Add</i>	106.43	
05 51 19 00-0003	RSR 4'-0" Wide Open Steel Grating Tread Metal Stair	539.57	46.79
	<i>For Closed Riser, Add</i>	65.00	
	<i>For Galvanized Steel, Add</i>	111.50	
05 51 19 00-0004	RSR 5'-0" Wide Open Steel Grating Tread Metal Stair	596.40	54.92
	<i>For Closed Riser, Add</i>	71.49	
	<i>For Galvanized Steel, Add</i>	121.64	
05 51 19 00-0005	SF Steel Grating Landing With Framing And 2 Pipe Handrail	93.33	5.08
	Note: Conventional shape.		
	<i>For Galvanized Steel, Add</i>	18.25	

05 51 33 Metal Ladders (05 51)

Note: Includes factory prime.

05 51 33 13 Vertical Metal Ladders (05 51 33)

05 51 33 13-0001 Vertical Ladders (05 51 33 13)

Note: Climbing rungs are 3/4" corrugated steel round rungs on 12" centers. Stand-off brackets are 7"

05 51 33 13-0002	VLF 20" Wide Vertical Steel Ladder Primed	88.43	12.20
	<i>For Galvanized Steel, Add</i>	12.54	
	<i>For Aluminum, Add</i>	25.07	
05 51 33 13-0003	VLF 24" Wide Vertical Steel Ladder Primed	101.14	12.20
	<i>For Galvanized Steel, Add</i>	15.71	
	<i>For Aluminum, Add</i>	31.43	
05 51 33 13-0004	VLF 20" Wide Vertical Steel Caged Ladder Primed	210.50	20.35
	<i>For Galvanized Steel, Add</i>	36.42	
	<i>For Aluminum, Add</i>	72.84	
05 51 33 13-0005	VLF 24" Wide Vertical Steel Caged Ladder Primed	235.91	20.35
	<i>For Galvanized Steel, Add</i>	42.77	
	<i>For Aluminum, Add</i>	85.54	

05 51 33 13-0006 Vertical Ladders Options (05 51 33 13)

05 51 33 13-0007	EA 20" Wide Vertical Steel Ladder Walk-Thru Handrails, Primed	354.01	38.14
	Note: Extends 42" above landing surface. Includes mounting bracket.		
	<i>For Galvanized Steel, Add</i>	69.43	
	<i>For Aluminum, Add</i>	138.87	
05 51 33 13-0008	EA 24" Wide Vertical Steel Ladder Walk-Thru Handrails, Primed	387.69	40.68
	Note: Extends 42" above landing surface. Includes mounting bracket.		
	<i>For Galvanized Steel, Add</i>	76.58	
	<i>For Aluminum, Add</i>	153.16	
05 51 33 13-0009	EA Security Cage Entry Gate With Lockable Hasp	535.95	12.71
05 51 33 13-0010	EA 6' Powder Coated, Security Ladder Guard	1,138.89	76.28
05 51 33 13-0011	EA 8' Powder Coated, Security Ladder Guard	1,362.41	88.99
05 51 33 13-0012	EA Safety Chain Attachment	208.22	

05 51 33 13-0013 Welded Steel Ladder Cages (05 51 33 13)

Note: For existing fixed ladders up to 20" wide. Excludes the ladder.

05 51 33 13-0014 Powder Coated, Welded Steel Ladder Cages (05 51 33 13-0013)

05 51 33 13-0015	EA 7-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,091.77	152.56
05 51 33 13-0016	EA 8-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,273.39	157.65
05 51 33 13-0017	EA 9-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,417.75	162.73
05 51 33 13-0018	EA 10-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,572.05	167.81
05 51 33 13-0019	EA 11-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,661.74	172.91
05 51 33 13-0020	EA 12-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,808.57	177.99
05 51 33 13-0021	EA 13-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,938.02	183.08
05 51 33 13-0022	EA 14-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,107.23	188.16
05 51 33 13-0023	EA 15-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,271.46	193.24
05 51 33 13-0024	EA 16-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,405.87	198.33
05 51 33 13-0025	EA 17-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,570.11	203.42
05 51 33 13-0026	EA 18-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,729.37	208.50
05 51 33 13-0027	EA 19-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,886.16	213.59
05 51 33 13-0028	EA 20-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,172.14	218.67
05 51 33 13-0029	EA 21-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,256.86	223.76
05 51 33 13-0030	EA 22-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,403.71	228.84
05 51 33 13-0031	EA 23-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,538.13	233.93
05 51 33 13-0032	EA 24-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,662.60	239.02
05 51 33 13-0033	EA 25-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,941.14	244.10
05 51 33 13-0034	EA 26-1/2' Length, Powder Coated, Welded Steel Ladder Cage	5,090.47	249.19
05 51 33 13-0035	EA 27-1/2' Length, Powder Coated, Welded Steel Ladder Cage	5,229.85	254.27

05 51 33 13-0036 Welded Stainless Steel Ladder Cages (05 51 33 13-0013)

05 51 33 13-0037	EA 7-1/2' Length, Welded Stainless Steel Ladder Cage	5,030.05	152.56
05 51 33 13-0038	EA 8-1/2' Length, Welded Stainless Steel Ladder Cage	5,374.66	157.65
05 51 33 13-0039	EA 9-1/2' Length, Welded Stainless Steel Ladder Cage	5,949.35	162.73
05 51 33 13-0040	EA 10-1/2' Length, Welded Stainless Steel Ladder Cage	6,232.31	167.81
05 51 33 13-0041	EA 11-1/2' Length, Welded Stainless Steel Ladder Cage	6,470.18	172.91
05 51 33 13-0042	EA 12-1/2' Length, Welded Stainless Steel Ladder Cage	6,786.33	177.99
05 51 33 13-0043	EA 13-1/2' Length, Welded Stainless Steel Ladder Cage	7,356.29	183.08
05 51 33 13-0044	EA 14-1/2' Length, Welded Stainless Steel Ladder Cage	7,643.97	188.16
05 51 33 13-0045	EA 15-1/2' Length, Welded Stainless Steel Ladder Cage	7,941.15	193.24
05 51 33 13-0046	EA 16-1/2' Length, Welded Stainless Steel Ladder Cage	8,266.79	198.33

MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 51 33 13-0047	EA 17-1/2' Length, Welded Stainless Steel Ladder Cage	8,848.60	203.42
05 51 33 13-0048	EA 18-1/2' Length, Welded Stainless Steel Ladder Cage	9,138.66	208.50
05 51 33 13-0049	EA 19-1/2' Length, Welded Stainless Steel Ladder Cage	9,414.50	213.59
05 51 33 13-0050	EA 20-1/2' Length, Welded Stainless Steel Ladder Cage	9,872.96	218.67
05 51 33 13-0051	EA 21-1/2' Length, Welded Stainless Steel Ladder Cage	10,388.35	223.76
05 51 33 13-0052	EA 22-1/2' Length, Welded Stainless Steel Ladder Cage	10,673.68	228.84
05 51 33 13-0053	EA 23-1/2' Length, Welded Stainless Steel Ladder Cage	10,966.11	233.93
05 51 33 13-0054	EA 24-1/2' Length, Welded Stainless Steel Ladder Cage	11,239.57	239.02
05 51 33 13-0055	EA 25-1/2' Length, Welded Stainless Steel Ladder Cage	11,944.72	244.10
05 51 33 13-0056	EA 26-1/2' Length, Welded Stainless Steel Ladder Cage	12,218.17	249.19
05 51 33 13-0057	EA 27-1/2' Length, Welded Stainless Steel Ladder Cage	12,498.75	254.27

05 51 33 16 Inclined Metal Ladders (05 51 33)

05 51 33 16-0001	Industrial Ship Ladder, Incline Stairs (05 51 33 16) Note: Includes factory prime.		
05 51 33 16-0002	RSR 3' Wide Industrial Steel Ship Ladder With 2 Rails Each Side..... <i>For Aluminum, Add</i>	356.52 127.41	50.86

05 51 33 23 Alternating Tread Ladders (05 51 33)

05 51 33 23-0001	Vertical Ladders With Alternating Tread (05 51 33 23)		
05 51 33 23-0002	EA 4' Vertical Height Aluminum Alternating Tread Ladder	2,225.45	152.56
	<i>For Stainless Steel, Add</i>	206.03	
	<i>For Primed Steel, Deduct</i>	-171.69	
05 51 33 23-0003	EA 5' Vertical Height Aluminum Alternating Tread Ladder	2,550.79	161.71
	<i>For Stainless Steel, Add</i>	251.04	
	<i>For Primed Steel, Deduct</i>	-195.81	
05 51 33 23-0004	EA 6' Vertical Height Aluminum Alternating Tread Ladder	2,835.00	161.71
	<i>For Stainless Steel, Add</i>	298.03	
	<i>For Primed Steel, Deduct</i>	-217.79	
05 51 33 23-0005	EA 7' Vertical Height Aluminum Alternating Tread Ladder	3,233.49	203.21
	<i>For Stainless Steel, Add</i>	344.98	
	<i>For Primed Steel, Deduct</i>	-236.38	
05 51 33 23-0006	EA 8' Vertical Height Aluminum Alternating Tread Ladder	3,552.97	210.41
	<i>For Stainless Steel, Add</i>	399.21	
	<i>For Primed Steel, Deduct</i>	-256.64	
05 51 33 23-0007	EA 9' Vertical Height Aluminum Alternating Tread Ladder	3,804.10	210.41
	<i>For Stainless Steel, Add</i>	449.89	
	<i>For Primed Steel, Deduct</i>	-271.48	
05 51 33 23-0008	EA 10' Vertical Height Aluminum Alternating Tread Ladder	4,176.88	234.71
	<i>For Stainless Steel, Add</i>	509.18	
	<i>For Primed Steel, Deduct</i>	-288.53	
05 51 33 23-0009	EA 11' Vertical Height Aluminum Alternating Tread Ladder	4,458.25	234.71
	<i>For Stainless Steel, Add</i>	569.76	
	<i>For Primed Steel, Deduct</i>	-303.26	
05 51 33 23-0010	EA 12' Vertical Height Aluminum Alternating Tread Ladder	4,677.16	234.71
	<i>For Stainless Steel, Add</i>	623.17	
	<i>For Primed Steel, Deduct</i>	-311.58	

05 52 Metal Railings (05 50)

05 52 13 Pipe and Tube Railings (05 52)

Note: Includes embedded steel sleeves, grouting, connection bolts (where necessary) and drilling of bolt (where necessary).

05 52 13 00-0001	Welded Steel Pipe Railing (05 52 13) Note: Includes field welds and touch-up of welds.		
05 52 13 00-0002	One Rail, Up To 42" High, Welded Steel Pipe Railings (05 52 13 00-0001) Note: Includes factory primed posts and one rail.		
05 52 13 00-0003	LF 1" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing.....	36.94	10.17
	<i>For Schedule 80 Handrail, Add</i>	6.83	
	<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-3.65	
	<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-4.15	
	<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-5.47	
	<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-6.47	
	<i>For Additional Off Set Handrail, ADA Attachment, Add</i>	14.02	
	<i>For Aluminum, Satin Finish, Add</i>	6.97	
	<i>For Aluminum, Clear Anodized Finish, Add</i>	10.78	
	<i>For Aluminum, Dark Anodized Finish, Add</i>	12.44	
	<i>For Galvanizing, Add</i>	6.64	
	<i>For Wrought Iron, Add</i>	3.69	
	<i>For Solid Steel Rails, Add</i>	7.39	
	<i>For 304 Stainless Steel, Add</i>	53.09	
	<i>For 316 Stainless Steel, Add</i>	59.72	
	<i>For 2" Wheel Guard, Add</i>	1.58	
	<i>For 4" High Kick Plate, Add</i>	2.07	
	<i>For 6" High Kick Plate, Add</i>	3.32	
	<i>For Curved Rail, Add</i>	16.06	
	<i>For Mounting On Stairs, Add</i>	11.08	
	<i>For Mounting On Slopes, Add</i>	3.69	
	<i>For Post Base Flange With Screws, Add Per Post</i>	19.54	
	<i>For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post</i>	29.55	
	<i>For Custom Design Or Shapes (Square Tops, etc), Add</i>	13.38	
	<i>For Nylon Coating, Add</i>	2.49	

05 Metals
05 50 Metal Fabrications
05 52 Metal Railings

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 52 13 00-0004	LF	1-1/4" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	39.79	10.17
		For Schedule 80 Handrail, Add	11.63	
		For 11 Gauge A513 Steel Tubing, Deduct	-4.28	
		For 12 Gauge A513 Steel Tubing, Deduct	-4.86	
		For 14 Gauge A513 Steel Tubing, Deduct	-6.42	
		For 16 Gauge A513 Steel Tubing, Deduct	-7.58	
		For Additional Off Set Handrail, ADA Attachment, Add	15.74	
		For Aluminum, Satin Finish, Add	8.16	
		For Aluminum, Clear Anodized Finish, Add	12.64	
		For Aluminum, Dark Anodized Finish, Add	14.58	
		For Galvanizing, Add	7.78	
		For Wrought Iron, Add	3.98	
		For Solid Steel Rails, Add	7.96	
		For 304 Stainless Steel, Add	62.21	
		For 316 Stainless Steel, Add	69.98	
		For 2" Wheel Guard, Add	1.85	
		For 4" High Kick Plate, Add	2.43	
		For 6" High Kick Plate, Add	3.89	
		For Curved Rail, Add	17.77	
		For Mounting On Stairs, Add	11.94	
		For Mounting On Slopes, Add	3.98	
		For Post Base Flange With Screws, Add Per Post	19.54	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.55	
		For Custom Design Or Shapes (Square Tops, etc), Add	14.81	
		For Nylon Coating, Add	2.92	
05 52 13 00-0005	LF	1-1/2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	42.65	10.17
		For Schedule 80 Handrail, Add	11.63	
		For 11 Gauge A513 Steel Tubing, Deduct	-4.91	
		For 12 Gauge A513 Steel Tubing, Deduct	-5.58	
		For 14 Gauge A513 Steel Tubing, Deduct	-7.36	
		For 16 Gauge A513 Steel Tubing, Deduct	-8.70	
		For Additional Off Set Handrail, ADA Attachment, Add	17.45	
		For Aluminum, Satin Finish, Add	9.37	
		For Aluminum, Clear Anodized Finish, Add	14.50	
		For Aluminum, Dark Anodized Finish, Add	16.73	
		For Galvanizing, Add	8.92	
		For Wrought Iron, Add	4.27	
		For Solid Steel Rails, Add	8.53	
		For 304 Stainless Steel, Add	71.36	
		For 316 Stainless Steel, Add	80.28	
		For 2" Wheel Guard, Add	2.12	
		For 4" High Kick Plate, Add	2.79	
		For 6" High Kick Plate, Add	4.46	
		For Curved Rail, Add	19.49	
		For Mounting On Stairs, Add	12.80	
		For Mounting On Slopes, Add	4.27	
		For Post Base Flange With Screws, Add Per Post	19.54	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.55	
		For Custom Design Or Shapes (Square Tops, etc), Add	16.24	
		For Nylon Coating, Add	3.35	
05 52 13 00-0006	LF	2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing.....	47.61	10.17
		For Schedule 80 Handrail, Add	13.57	
		For 11 Gauge A513 Steel Tubing, Deduct	-6.00	
		For 12 Gauge A513 Steel Tubing, Deduct	-6.82	
		For 14 Gauge A513 Steel Tubing, Deduct	-9.00	
		For 16 Gauge A513 Steel Tubing, Deduct	-10.63	
		For Additional Off Set Handrail, ADA Attachment, Add	20.42	
		For Aluminum, Satin Finish, Add	11.45	
		For Aluminum, Clear Anodized Finish, Add	17.72	
		For Aluminum, Dark Anodized Finish, Add	20.45	
		For Galvanizing, Add	10.90	
		For Wrought Iron, Add	4.76	
		For Solid Steel Rails, Add	9.52	
		For 304 Stainless Steel, Add	87.23	
		For 316 Stainless Steel, Add	98.14	
		For 2" Wheel Guard, Add	2.59	
		For 4" High Kick Plate, Add	3.41	
		For 6" High Kick Plate, Add	5.45	
		For Curved Rail, Add	22.46	
		For Mounting On Stairs, Add	14.28	
		For Mounting On Slopes, Add	4.76	
		For Post Base Flange With Screws, Add Per Post	19.54	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.55	
		For Custom Design Or Shapes (Square Tops, etc), Add	18.72	
		For Nylon Coating, Add	4.09	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 52 13 00-0007	LF		2-1/2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	53.55	10.17
			For Schedule 80 Handrail, Add	15.53	
			For 11 Gauge A513 Steel Tubing, Deduct	-7.30	
			For 12 Gauge A513 Steel Tubing, Deduct	-8.30	
			For 14 Gauge A513 Steel Tubing, Deduct	-10.96	
			For 16 Gauge A513 Steel Tubing, Deduct	-12.95	
			For Additional Off Set Handrail, ADA Attachment, Add	23.99	
			For Aluminum, Satin Finish, Add	13.94	
			For Aluminum, Clear Anodized Finish, Add	21.58	
			For Aluminum, Dark Anodized Finish, Add	24.90	
			For Galvanizing, Add	13.28	
			For Wrought Iron, Add	5.36	
			For Solid Steel Rails, Add	10.71	
			For 304 Stainless Steel, Add	106.24	
			For 316 Stainless Steel, Add	119.52	
			For 2" Wheel Guard, Add	3.15	
			For 4" High Kick Plate, Add	4.15	
			For 6" High Kick Plate, Add	6.64	
			For Curved Rail, Add	26.03	
			For Mounting On Stairs, Add	16.07	
			For Mounting On Slopes, Add	5.36	
			For Post Base Flange With Screws, Add Per Post	19.54	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.55	
			For Custom Design Or Shapes (Square Tops, etc), Add	21.69	
			For Nylon Coating, Add	4.98	

05 52 13 00-0008 Two Rail, Up To 42" High, Welded Steel Pipe Railings (05 52 13 00-0001)
Note: Includes factory primed posts and two rails.

05 52 13 00-0009	LF		1" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing.....	49.38	10.17
			For Schedule 80 Handrail, Add	6.83	
			For 11 Gauge A513 Steel Tubing, Deduct	-6.39	
			For 12 Gauge A513 Steel Tubing, Deduct	-7.26	
			For 14 Gauge A513 Steel Tubing, Deduct	-9.58	
			For 16 Gauge A513 Steel Tubing, Deduct	-11.32	
			For Additional Off Set Handrail, ADA Attachment, Add	14.02	
			For Aluminum, Satin Finish, Add	12.19	
			For Aluminum, Clear Anodized Finish, Add	18.87	
			For Aluminum, Dark Anodized Finish, Add	21.77	
			For Galvanizing, Add	11.61	
			For Wrought Iron, Add	4.94	
			For Solid Steel Rails, Add	9.88	
			For 304 Stainless Steel, Add	92.90	
			For 316 Stainless Steel, Add	104.51	
			For 2" Wheel Guard, Add	2.76	
			For 4" High Kick Plate, Add	3.63	
			For 6" High Kick Plate, Add	5.81	
			For Curved Rail, Add	23.52	
			For Mounting On Stairs, Add	14.81	
			For Mounting On Slopes, Add	4.94	
			For Post Base Flange With Screws, Add Per Post	19.54	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.55	
			For Custom Design Or Shapes (Square Tops, etc), Add	19.60	
			For Nylon Coating, Add	4.35	
05 52 13 00-0010	LF		1-1/4" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	54.38	10.17
			For Schedule 80 Handrail, Add	11.63	
			For 11 Gauge A513 Steel Tubing, Deduct	-7.49	
			For 12 Gauge A513 Steel Tubing, Deduct	-8.51	
			For 14 Gauge A513 Steel Tubing, Deduct	-11.23	
			For 16 Gauge A513 Steel Tubing, Deduct	-13.27	
			For Additional Off Set Handrail, ADA Attachment, Add	15.74	
			For Aluminum, Satin Finish, Add	14.29	
			For Aluminum, Clear Anodized Finish, Add	22.12	
			For Aluminum, Dark Anodized Finish, Add	25.52	
			For Galvanizing, Add	13.61	
			For Wrought Iron, Add	5.44	
			For Solid Steel Rails, Add	10.88	
			For 304 Stainless Steel, Add	108.90	
			For 316 Stainless Steel, Add	122.51	
			For 2" Wheel Guard, Add	3.23	
			For 4" High Kick Plate, Add	4.25	
			For 6" High Kick Plate, Add	6.81	
			For Curved Rail, Add	26.52	
			For Mounting On Stairs, Add	16.31	
			For Mounting On Slopes, Add	5.44	
			For Post Base Flange With Screws, Add Per Post	19.54	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.55	
			For Custom Design Or Shapes (Square Tops, etc), Add	22.10	
			For Nylon Coating, Add	5.10	

05 Metals**05 50 Metal Fabrications****05 52 Metal Railings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 52 13 00-0011	LF	1-1/2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	59.38	10.17
		For Schedule 80 Handrail, Add	11.63	
		For 11 Gauge A513 Steel Tubing, Deduct	-8.59	
		For 12 Gauge A513 Steel Tubing, Deduct	-9.76	
		For 14 Gauge A513 Steel Tubing, Deduct	-12.88	
		For 16 Gauge A513 Steel Tubing, Deduct	-15.22	
		For Additional Off Set Handrail, ADA Attachment, Add	17.45	
		For Aluminum, Satin Finish, Add	16.39	
		For Aluminum, Clear Anodized Finish, Add	25.37	
		For Aluminum, Dark Anodized Finish, Add	29.27	
		For Galvanizing, Add	15.61	
		For Wrought Iron, Add	5.94	
		For Solid Steel Rails, Add	11.88	
		For 304 Stainless Steel, Add	124.90	
		For 316 Stainless Steel, Add	140.51	
		For 2" Wheel Guard, Add	3.71	
		For 4" High Kick Plate, Add	4.88	
		For 6" High Kick Plate, Add	7.81	
		For Curved Rail, Add	29.52	
		For Mounting On Stairs, Add	17.81	
		For Mounting On Slopes, Add	5.94	
		For Post Base Flange With Screws, Add Per Post	19.54	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.55	
		For Custom Design Or Shapes (Square Tops, etc), Add	24.60	
		For Nylon Coating, Add	5.85	
05 52 13 00-0012	LF	2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing.....	68.05	10.17
		For Schedule 80 Handrail, Add	13.57	
		For 11 Gauge A513 Steel Tubing, Deduct	-10.49	
		For 12 Gauge A513 Steel Tubing, Deduct	-11.93	
		For 14 Gauge A513 Steel Tubing, Deduct	-15.74	
		For 16 Gauge A513 Steel Tubing, Deduct	-18.60	
		For Additional Off Set Handrail, ADA Attachment, Add	20.42	
		For Aluminum, Satin Finish, Add	20.03	
		For Aluminum, Clear Anodized Finish, Add	31.01	
		For Aluminum, Dark Anodized Finish, Add	35.78	
		For Galvanizing, Add	19.08	
		For Wrought Iron, Add	6.81	
		For Solid Steel Rails, Add	13.61	
		For 304 Stainless Steel, Add	152.64	
		For 316 Stainless Steel, Add	171.72	
		For 2" Wheel Guard, Add	4.53	
		For 4" High Kick Plate, Add	5.96	
		For 6" High Kick Plate, Add	9.54	
		For Curved Rail, Add	34.73	
		For Mounting On Stairs, Add	20.42	
		For Mounting On Slopes, Add	6.81	
		For Post Base Flange With Screws, Add Per Post	19.54	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.55	
		For Custom Design Or Shapes (Square Tops, etc), Add	28.94	
		For Nylon Coating, Add	7.16	
05 52 13 00-0013	LF	2-1/2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	78.44	10.17
		For Schedule 80 Handrail, Add	15.53	
		For 11 Gauge A513 Steel Tubing, Deduct	-12.78	
		For 12 Gauge A513 Steel Tubing, Deduct	-14.52	
		For 14 Gauge A513 Steel Tubing, Deduct	-19.17	
		For 16 Gauge A513 Steel Tubing, Deduct	-22.66	
		For Additional Off Set Handrail, ADA Attachment, Add	23.99	
		For Aluminum, Satin Finish, Add	24.40	
		For Aluminum, Clear Anodized Finish, Add	37.76	
		For Aluminum, Dark Anodized Finish, Add	43.57	
		For Galvanizing, Add	23.24	
		For Wrought Iron, Add	7.84	
		For Solid Steel Rails, Add	15.69	
		For 304 Stainless Steel, Add	185.89	
		For 316 Stainless Steel, Add	209.12	
		For 2" Wheel Guard, Add	5.52	
		For 4" High Kick Plate, Add	7.26	
		For 6" High Kick Plate, Add	11.62	
		For Curved Rail, Add	40.96	
		For Mounting On Stairs, Add	23.53	
		For Mounting On Slopes, Add	7.84	
		For Post Base Flange With Screws, Add Per Post	19.54	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.55	
		For Custom Design Or Shapes (Square Tops, etc), Add	34.13	
		For Nylon Coating, Add	8.71	

05 52 13 00-0014 Three Rail, Up To 42" High, Welded Steel Pipe Railings (05 52 13 00-0001)
 Note: Includes factory primed posts and three rails.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52	13 00-0015	LF	1" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing.....	77.75	12.20
			For Schedule 80 Handrail, Add	9.64	
			For 11 Gauge A513 Steel Tubing, Deduct	-11.73	
			For 12 Gauge A513 Steel Tubing, Deduct	-13.34	
			For 14 Gauge A513 Steel Tubing, Deduct	-17.60	
			For 16 Gauge A513 Steel Tubing, Deduct	-20.80	
			For Additional Off Set Handrail, ADA Attachment, Add	14.83	
			For Aluminum, Satin Finish, Add	22.40	
			For Aluminum, Clear Anodized Finish, Add	34.67	
			For Aluminum, Dark Anodized Finish, Add	40.01	
			For Galvanizing, Add	21.34	
			For Wrought Iron, Add	7.78	
			For Solid Steel Rails, Add	15.55	
			For 304 Stainless Steel, Add	170.69	
			For 316 Stainless Steel, Add	192.02	
			For 2" Wheel Guard, Add	5.07	
			For 4" High Kick Plate, Add	6.67	
			For 6" High Kick Plate, Add	10.67	
			For Curved Rail, Add	39.33	
			For Mounting On Stairs, Add	23.33	
			For Mounting On Slopes, Add	7.78	
			For Post Base Flange With Screws, Add Per Post	19.94	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.16	
			For Custom Design Or Shapes (Square Tops, etc), Add	32.77	
			For Nylon Coating, Add	8.00	
05 52	13 00-0016	LF	1-1/4" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing.....	86.93	12.20
			For Schedule 80 Handrail, Add	16.03	
			For 11 Gauge A513 Steel Tubing, Deduct	-13.75	
			For 12 Gauge A513 Steel Tubing, Deduct	-15.63	
			For 14 Gauge A513 Steel Tubing, Deduct	-20.63	
			For 16 Gauge A513 Steel Tubing, Deduct	-24.38	
			For Additional Off Set Handrail, ADA Attachment, Add	16.55	
			For Aluminum, Satin Finish, Add	26.26	
			For Aluminum, Clear Anodized Finish, Add	40.64	
			For Aluminum, Dark Anodized Finish, Add	46.89	
			For Galvanizing, Add	25.01	
			For Wrought Iron, Add	8.69	
			For Solid Steel Rails, Add	17.39	
			For 304 Stainless Steel, Add	200.06	
			For 316 Stainless Steel, Add	225.07	
			For 2" Wheel Guard, Add	5.94	
			For 4" High Kick Plate, Add	7.82	
			For 6" High Kick Plate, Add	12.50	
			For Curved Rail, Add	44.84	
			For Mounting On Stairs, Add	26.08	
			For Mounting On Slopes, Add	8.69	
			For Post Base Flange With Screws, Add Per Post	19.94	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.16	
			For Custom Design Or Shapes (Square Tops, etc), Add	37.36	
			For Nylon Coating, Add	9.38	
05 52	13 00-0017	LF	1-1/2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing.....	96.11	12.20
			For Schedule 80 Handrail, Add	16.03	
			For 11 Gauge A513 Steel Tubing, Deduct	-15.77	
			For 12 Gauge A513 Steel Tubing, Deduct	-17.93	
			For 14 Gauge A513 Steel Tubing, Deduct	-23.66	
			For 16 Gauge A513 Steel Tubing, Deduct	-27.96	
			For Additional Off Set Handrail, ADA Attachment, Add	18.26	
			For Aluminum, Satin Finish, Add	30.11	
			For Aluminum, Clear Anodized Finish, Add	46.61	
			For Aluminum, Dark Anodized Finish, Add	53.78	
			For Galvanizing, Add	28.68	
			For Wrought Iron, Add	9.61	
			For Solid Steel Rails, Add	19.22	
			For 304 Stainless Steel, Add	229.44	
			For 316 Stainless Steel, Add	258.12	
			For 2" Wheel Guard, Add	6.81	
			For 4" High Kick Plate, Add	8.96	
			For 6" High Kick Plate, Add	14.34	
			For Curved Rail, Add	50.34	
			For Mounting On Stairs, Add	28.83	
			For Mounting On Slopes, Add	9.61	
			For Post Base Flange With Screws, Add Per Post	19.94	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.16	
			For Custom Design Or Shapes (Square Tops, etc), Add	41.95	
			For Nylon Coating, Add	10.76	

05 Metals
05 50 Metal Fabrications
05 52 Metal Railings

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 52 13 00-0018	LF	2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	112.08	12.20
		For Schedule 80 Handrail, Add	18.61	
		For 11 Gauge A513 Steel Tubing, Deduct	-19.29	
		For 12 Gauge A513 Steel Tubing, Deduct	-21.92	
		For 14 Gauge A513 Steel Tubing, Deduct	-28.93	
		For 16 Gauge A513 Steel Tubing, Deduct	-34.19	
		For Additional Off Set Handrail, ADA Attachment, Add	21.23	
		For Aluminum, Satin Finish, Add	36.82	
		For Aluminum, Clear Anodized Finish, Add	56.99	
		For Aluminum, Dark Anodized Finish, Add	65.75	
		For Galvanizing, Add	35.07	
		For Wrought Iron, Add	11.21	
		For Solid Steel Rails, Add	22.42	
		For 304 Stainless Steel, Add	280.54	
		For 316 Stainless Steel, Add	315.61	
		For 2" Wheel Guard, Add	8.33	
		For 4" High Kick Plate, Add	10.96	
		For 6" High Kick Plate, Add	17.53	
		For Curved Rail, Add	59.93	
		For Mounting On Stairs, Add	33.62	
		For Mounting On Slopes, Add	11.21	
		For Post Base Flange With Screws, Add Per Post	19.94	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.16	
		For Custom Design Or Shapes (Square Tops, etc), Add	49.94	
		For Nylon Coating, Add	13.15	
05 52 13 00-0019	LF	2-1/2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	131.08	12.20
		For Schedule 80 Handrail, Add	21.23	
		For 11 Gauge A513 Steel Tubing, Deduct	-23.47	
		For 12 Gauge A513 Steel Tubing, Deduct	-26.67	
		For 14 Gauge A513 Steel Tubing, Deduct	-35.20	
		For 16 Gauge A513 Steel Tubing, Deduct	-41.60	
		For Additional Off Set Handrail, ADA Attachment, Add	24.80	
		For Aluminum, Satin Finish, Add	44.80	
		For Aluminum, Clear Anodized Finish, Add	69.34	
		For Aluminum, Dark Anodized Finish, Add	80.00	
		For Galvanizing, Add	42.67	
		For Wrought Iron, Add	13.11	
		For Solid Steel Rails, Add	26.22	
		For 304 Stainless Steel, Add	341.34	
		For 316 Stainless Steel, Add	384.01	
		For 2" Wheel Guard, Add	10.13	
		For 4" High Kick Plate, Add	13.33	
		For 6" High Kick Plate, Add	21.33	
		For Curved Rail, Add	71.33	
		For Mounting On Stairs, Add	39.32	
		For Mounting On Slopes, Add	13.11	
		For Post Base Flange With Screws, Add Per Post	19.94	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.16	
		For Custom Design Or Shapes (Square Tops, etc), Add	59.44	
		For Nylon Coating, Add	16.00	
05 52 13 00-0020		Four Rail, Up To 42" High, Welded Steel Pipe Railings <small>(05 52 13 00-0001)</small>		
		Note: Includes factory primed posts and four rails.		
05 52 13 00-0021	LF	1" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	93.94	14.23
		For Schedule 80 Handrail, Add	12.69	
		For 11 Gauge A513 Steel Tubing, Deduct	-14.40	
		For 12 Gauge A513 Steel Tubing, Deduct	-16.37	
		For 14 Gauge A513 Steel Tubing, Deduct	-21.60	
		For 16 Gauge A513 Steel Tubing, Deduct	-25.53	
		For Additional Off Set Handrail, ADA Attachment, Add	15.65	
		For Aluminum, Satin Finish, Add	27.49	
		For Aluminum, Clear Anodized Finish, Add	42.55	
		For Aluminum, Dark Anodized Finish, Add	49.10	
		For Galvanizing, Add	26.18	
		For Wrought Iron, Add	9.39	
		For Solid Steel Rails, Add	18.79	
		For 304 Stainless Steel, Add	209.47	
		For 316 Stainless Steel, Add	235.66	
		For 2" Wheel Guard, Add	6.22	
		For 4" High Kick Plate, Add	8.18	
		For 6" High Kick Plate, Add	13.09	
		For Curved Rail, Add	47.82	
		For Mounting On Stairs, Add	28.18	
		For Mounting On Slopes, Add	9.39	
		For Post Base Flange With Screws, Add Per Post	20.35	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.77	
		For Custom Design Or Shapes (Square Tops, etc), Add	39.85	
		For Nylon Coating, Add	9.82	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52	13 00-0022	LF	1-1/4" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing.....	102.09	14.23
			For Schedule 80 Handrail, Add	20.68	
			For 11 Gauge A513 Steel Tubing, Deduct	-16.19	
			For 12 Gauge A513 Steel Tubing, Deduct	-18.40	
			For 14 Gauge A513 Steel Tubing, Deduct	-24.29	
			For 16 Gauge A513 Steel Tubing, Deduct	-28.71	
			For Additional Off Set Handrail, ADA Attachment, Add	17.37	
			For Aluminum, Satin Finish, Add	30.92	
			For Aluminum, Clear Anodized Finish, Add	47.85	
			For Aluminum, Dark Anodized Finish, Add	55.21	
			For Galvanizing, Add	29.44	
			For Wrought Iron, Add	10.21	
			For Solid Steel Rails, Add	20.42	
			For 304 Stainless Steel, Add	235.55	
			For 316 Stainless Steel, Add	265.00	
			For 2" Wheel Guard, Add	6.99	
			For 4" High Kick Plate, Add	9.20	
			For 6" High Kick Plate, Add	14.72	
			For Curved Rail, Add	52.71	
			For Mounting On Stairs, Add	30.63	
			For Mounting On Slopes, Add	10.21	
			For Post Base Flange With Screws, Add Per Post	20.35	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.77	
			For Custom Design Or Shapes (Square Tops, etc), Add	43.93	
			For Nylon Coating, Add	11.04	
05 52	13 00-0023	LF	1-1/2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing.....	110.25	14.23
			For Schedule 80 Handrail, Add	20.68	
			For 11 Gauge A513 Steel Tubing, Deduct	-17.99	
			For 12 Gauge A513 Steel Tubing, Deduct	-20.44	
			For 14 Gauge A513 Steel Tubing, Deduct	-26.98	
			For 16 Gauge A513 Steel Tubing, Deduct	-31.89	
			For Additional Off Set Handrail, ADA Attachment, Add	19.08	
			For Aluminum, Satin Finish, Add	34.34	
			For Aluminum, Clear Anodized Finish, Add	53.15	
			For Aluminum, Dark Anodized Finish, Add	61.33	
			For Galvanizing, Add	32.71	
			For Wrought Iron, Add	11.03	
			For Solid Steel Rails, Add	22.05	
			For 304 Stainless Steel, Add	261.66	
			For 316 Stainless Steel, Add	294.37	
			For 2" Wheel Guard, Add	7.77	
			For 4" High Kick Plate, Add	10.22	
			For 6" High Kick Plate, Add	16.35	
			For Curved Rail, Add	57.61	
			For Mounting On Stairs, Add	33.08	
			For Mounting On Slopes, Add	11.03	
			For Post Base Flange With Screws, Add Per Post	20.35	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.77	
			For Custom Design Or Shapes (Square Tops, etc), Add	48.01	
			For Nylon Coating, Add	12.27	
05 52	13 00-0024	LF	2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing.....	128.41	14.23
			For Schedule 80 Handrail, Add	23.91	
			For 11 Gauge A513 Steel Tubing, Deduct	-21.98	
			For 12 Gauge A513 Steel Tubing, Deduct	-24.98	
			For 14 Gauge A513 Steel Tubing, Deduct	-32.98	
			For 16 Gauge A513 Steel Tubing, Deduct	-38.97	
			For Additional Off Set Handrail, ADA Attachment, Add	22.05	
			For Aluminum, Satin Finish, Add	41.97	
			For Aluminum, Clear Anodized Finish, Add	64.95	
			For Aluminum, Dark Anodized Finish, Add	74.95	
			For Galvanizing, Add	39.97	
			For Wrought Iron, Add	12.84	
			For Solid Steel Rails, Add	25.68	
			For 304 Stainless Steel, Add	319.78	
			For 316 Stainless Steel, Add	359.75	
			For 2" Wheel Guard, Add	9.49	
			For 4" High Kick Plate, Add	12.49	
			For 6" High Kick Plate, Add	19.99	
			For Curved Rail, Add	68.50	
			For Mounting On Stairs, Add	38.52	
			For Mounting On Slopes, Add	12.84	
			For Post Base Flange With Screws, Add Per Post	20.35	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.77	
			For Custom Design Or Shapes (Square Tops, etc), Add	57.09	
			For Nylon Coating, Add	14.99	

05 Metals**05 50 Metal Fabrications****05 52 Metal Railings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 52 13 00-0025	LF	2-1/2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	149.70	14.23
		<i>For Schedule 80 Handrail, Add</i>	27.18	
		<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-26.67	
		<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-30.31	
		<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-40.00	
		<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-47.28	
		<i>For Additional Off Set Handrail, ADA Attachment, Add</i>	25.62	
		<i>For Aluminum, Satin Finish, Add</i>	50.91	
		<i>For Aluminum, Clear Anodized Finish, Add</i>	78.79	
		<i>For Aluminum, Dark Anodized Finish, Add</i>	90.92	
		<i>For Galvanizing, Add</i>	48.49	
		<i>For Wrought Iron, Add</i>	14.97	
		<i>For Solid Steel Rails, Add</i>	29.94	
		<i>For 304 Stainless Steel, Add</i>	387.90	
		<i>For 316 Stainless Steel, Add</i>	436.39	
		<i>For 2" Wheel Guard, Add</i>	11.52	
		<i>For 4" High Kick Plate, Add</i>	15.15	
		<i>For 6" High Kick Plate, Add</i>	24.24	
		<i>For Curved Rail, Add</i>	81.28	
		<i>For Mounting On Stairs, Add</i>	44.91	
		<i>For Mounting On Slopes, Add</i>	14.97	
		<i>For Post Base Flange With Screws, Add Per Post</i>	20.35	
		<i>For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post</i>	30.77	
		<i>For Custom Design Or Shapes (Square Tops, etc), Add</i>	67.73	
		<i>For Nylon Coating, Add</i>	18.18	
05 52 13 00-0026		Railing Infill Panels <small>(05 52 13)</small>		
		Note: Includes field welds and touch-up of welds.		
05 52 13 00-0027		Wire Mesh Or Welded Wire Mesh, Railing Infill Panels <small>(05 52 13 00-0026)</small>		
		Note: Square weave or square welded wire mesh.		
05 52 13 00-0028	SF	Powder Coated Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	14.40	
05 52 13 00-0029	SF	Galvanized Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	15.30	
05 52 13 00-0030	SF	Aluminum, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	16.08	
05 52 13 00-0031	SF	Stainless Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel.....	27.19	
05 52 13 00-0032		Perforated Metal, Railing Infill Panels <small>(05 52 13 00-0026)</small>		
05 52 13 00-0033	SF	Powder Coated Steel, Perforated Metal, Railing Infill Panel	14.13	
05 52 13 00-0034	SF	Galvanized Steel, Perforated Metal, Railing Infill Panel.....	14.61	
05 52 13 00-0035	SF	Aluminum, Perforated Metal, Railing Infill Panel	15.64	
05 52 13 00-0036	SF	Stainless Steel, Perforated Metal, Railing Infill Panel	31.38	
05 52 13 00-0037		Expanded Metal, Railing Infill Panels <small>(05 52 13 00-0026)</small>		
05 52 13 00-0038	SF	Powder Coated Steel, Expanded Metal, Railing Infill Panel.....	6.37	
05 52 13 00-0039	SF	Galvanized Steel, Expanded Metal, Railing Infill Panel	13.02	
05 52 13 00-0040	SF	Aluminum, Expanded Metal, Railing Infill Panel.....	17.10	
05 52 13 00-0041	SF	Stainless Steel, Expanded Metal, Railing Infill Panel.....	25.49	
05 52 13 00-0042		Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railings <small>(05 52 13)</small>		
		Note: Includes factory primed, fasteners and field touch-up of welds.		
05 52 13 00-0043	LF	1" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	37.47	6.10
		<i>For Schedule 80 Handrail, Add</i>	3.21	
		<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-4.89	
		<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-5.56	
		<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-7.33	
		<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-8.67	
		<i>For Stainless Steel, Add</i>	44.44	
		<i>For Aluminum, Satin Finish, Add</i>	9.33	
		<i>For Curved Rail, Add</i>	11.24	
		<i>For Aluminum, Clear Anodized Finish, Add</i>	14.44	
		<i>For Aluminum, Dark Anodized Finish, Add</i>	16.67	
		<i>For Galvanized Finish, Add</i>	6.67	
05 52 13 00-0044	LF	1-1/4" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	38.19	6.10
		<i>For Schedule 80 Handrail, Add</i>	4.00	
		<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-5.05	
		<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-5.74	
		<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-7.57	
		<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-8.95	
		<i>For Stainless Steel, Add</i>	45.88	
		<i>For Aluminum, Satin Finish, Add</i>	9.63	
		<i>For Curved Rail, Add</i>	11.46	
		<i>For Aluminum, Clear Anodized Finish, Add</i>	14.91	
		<i>For Aluminum, Dark Anodized Finish, Add</i>	17.21	
		<i>For Galvanized Finish, Add</i>	6.88	
05 52 13 00-0045	LF	1-1/2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	38.90	6.10
		<i>For Schedule 80 Handrail, Add</i>	14.66	
		<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-5.20	
		<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-5.91	
		<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-7.80	
		<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-9.22	
		<i>For Stainless Steel, Add</i>	47.30	
		<i>For Aluminum, Satin Finish, Add</i>	9.93	
		<i>For Curved Rail, Add</i>	11.67	
		<i>For Aluminum, Clear Anodized Finish, Add</i>	15.37	
		<i>For Aluminum, Dark Anodized Finish, Add</i>	17.74	
		<i>For Galvanized Finish, Add</i>	7.10	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0046	LF		2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	47.15	6.10
			<i>For Schedule 80 Handrail, Add</i>	5.46	
			<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-7.02	
			<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-7.98	
			<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-10.53	
			<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-12.44	
			<i>For Stainless Steel, Add</i>	63.80	
			<i>For Aluminum, Satin Finish, Add</i>	13.40	
			<i>For Curved Rail, Add</i>	14.15	
			<i>For Aluminum, Clear Anodized Finish, Add</i>	20.74	
			<i>For Aluminum, Dark Anodized Finish, Add</i>	23.93	
			<i>For Galvanized Finish, Add</i>	9.57	
05 52 13 00-0047	LF		2-1/2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	53.95	6.10
			<i>For Schedule 80 Handrail, Add</i>	6.11	
			<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-8.51	
			<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-9.68	
			<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-12.77	
			<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-15.09	
			<i>For Stainless Steel, Add</i>	77.40	
			<i>For Aluminum, Satin Finish, Add</i>	16.25	
			<i>For Curved Rail, Add</i>	16.19	
			<i>For Aluminum, Clear Anodized Finish, Add</i>	25.16	
			<i>For Aluminum, Dark Anodized Finish, Add</i>	29.03	
			<i>For Galvanized Finish, Add</i>	11.61	
05 52 13 00-0048			Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railings <small>(05 52 13)</small>		
			Note: Includes factory primed, fasteners and field touch-up of welds.		
05 52 13 00-0049	LF		1" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	45.89	6.41
			<i>For Schedule 80 Handrail, Add</i>	3.21	
			<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-6.74	
			<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-7.66	
			<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-10.11	
			<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-11.95	
			<i>For Stainless Steel, Add</i>	61.28	
			<i>For Aluminum, Satin Finish, Add</i>	12.87	
			<i>For Curved Rail, Add</i>	13.77	
			<i>For Aluminum, Clear Anodized Finish, Add</i>	19.92	
			<i>For Aluminum, Dark Anodized Finish, Add</i>	22.98	
			<i>For Galvanized Finish, Add</i>	9.19	
05 52 13 00-0050	LF		1-1/4" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	46.89	6.41
			<i>For Schedule 80 Handrail, Add</i>	4.00	
			<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-6.96	
			<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-7.91	
			<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-10.44	
			<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-12.34	
			<i>For Stainless Steel, Add</i>	63.28	
			<i>For Aluminum, Satin Finish, Add</i>	13.29	
			<i>For Curved Rail, Add</i>	14.07	
			<i>For Aluminum, Clear Anodized Finish, Add</i>	20.57	
			<i>For Aluminum, Dark Anodized Finish, Add</i>	23.73	
			<i>For Galvanized Finish, Add</i>	9.49	
05 52 13 00-0051	LF		1-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	47.65	6.41
			<i>For Schedule 80 Handrail, Add</i>	14.66	
			<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-7.13	
			<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-8.10	
			<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-10.69	
			<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-12.64	
			<i>For Stainless Steel, Add</i>	64.80	
			<i>For Aluminum, Satin Finish, Add</i>	13.61	
			<i>For Curved Rail, Add</i>	14.30	
			<i>For Aluminum, Clear Anodized Finish, Add</i>	21.06	
			<i>For Aluminum, Dark Anodized Finish, Add</i>	24.30	
			<i>For Galvanized Finish, Add</i>	9.72	
05 52 13 00-0052	LF		2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	59.15	6.41
			<i>For Schedule 80 Handrail, Add</i>	5.46	
			<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-9.66	
			<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-10.98	
			<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-14.49	
			<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-17.12	
			<i>For Stainless Steel, Add</i>	87.80	
			<i>For Aluminum, Satin Finish, Add</i>	18.44	
			<i>For Curved Rail, Add</i>	17.75	
			<i>For Aluminum, Clear Anodized Finish, Add</i>	28.54	
			<i>For Aluminum, Dark Anodized Finish, Add</i>	32.93	
			<i>For Galvanized Finish, Add</i>	13.17	
05 52 13 00-0053	LF		2-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	66.68	6.41
			<i>For Schedule 80 Handrail, Add</i>	6.11	
			<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-11.31	
			<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-12.86	
			<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-16.97	
			<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-20.06	
			<i>For Stainless Steel, Add</i>	102.86	
			<i>For Aluminum, Satin Finish, Add</i>	21.60	
			<i>For Curved Rail, Add</i>	20.00	
			<i>For Aluminum, Clear Anodized Finish, Add</i>	33.43	
			<i>For Aluminum, Dark Anodized Finish, Add</i>	38.57	
			<i>For Galvanized Finish, Add</i>	15.43	

05 Metals**05 50 Metal Fabrications****05 52 Metal Railings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 52 13 00-0054	Remove/Reinstall Pipe Railing <small>(05 52 13)</small>		
05 52 13 00-0055	LF Removal And Reinstallation Of Wall Bracket Mounted Pipe Railing	22.88	
05 52 13 00-0056	LF Removal And Reinstallation Of Floor Mounted Pipe Railing	30.79	
05 52 13 00-0057	EA Install New Galvanized Steel Pipe Railing Bracket	62.18	
	<i>For Stainless Steel, Add</i>	63.34	

05 53 Metal Gratings (05 50)**05 53 13 Bar Gratings** (05 53)

05 53 13 00-0001	Welded Grating <small>(05 53 13)</small>		
	Note: Sizes are for height and width of bearing bars. Welded grating is open grid grating which has bearing bars and cross bars locked in place by resistance welding, or conventional hand welding. Resistance welded grating is produced on precise automated production equipment by combining hydraulic pressure with a powerful electric current to fuse - electroforge - the cross bar and bearing bar into a single rigid panel.		
05 53 13 00-0002	Steel, Welded Grating <small>(05 53 13 00-0001)</small>		
	Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.		
05 53 13 00-0003	SF 3/4" x 1/8" Steel, Welded Grating	14.19	1.12
	<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>	0.22	
	<i>For Galvanized Steel, Add</i>	2.03	
	<i>For 304 Stainless Steel, Add</i>	38.36	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	<i>For Bearing Bars At 15/16" On-Center, Add</i>	3.49	
	<i>For Crossbars At 2" On-Center, Add</i>	1.29	
	<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	-1.80	
05 53 13 00-0004	SF 3/4" x 3/16" Steel, Welded Grating	19.14	1.12
	<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>	0.22	
	<i>For Galvanized Steel, Add</i>	2.87	
	<i>For 304 Stainless Steel, Add</i>	54.25	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	<i>For Bearing Bars At 15/16" On-Center, Add</i>	4.93	
	<i>For Crossbars At 2" On-Center, Add</i>	1.83	
	<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	-1.92	
05 53 13 00-0005	SF 1" x 1/8" Steel, Welded Grating	17.37	1.12
	<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>	0.22	
	<i>For Galvanized Steel, Add</i>	2.57	
	<i>For 304 Stainless Steel, Add</i>	48.57	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	<i>For Bearing Bars At 15/16" On-Center, Add</i>	4.42	
	<i>For Crossbars At 2" On-Center, Add</i>	1.63	
	<i>For Serrated Wear Surface, Add</i>	0.16	
	<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	-1.88	
05 53 13 00-0006	SF 1" x 3/16" Steel, Welded Grating.....	24.09	1.12
	<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>	0.22	
	<i>For Galvanized Steel, Add</i>	3.71	
	<i>For 304 Stainless Steel, Add</i>	70.14	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	<i>For Bearing Bars At 15/16" On-Center, Add</i>	6.38	
	<i>For Crossbars At 2" On-Center, Add</i>	2.36	
	<i>For Serrated Wear Surface, Add</i>	0.16	
	<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	-2.05	
05 53 13 00-0007	SF 1" x 1/4" Steel, Welded Grating	30.81	1.12
	<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>	0.22	
	<i>For Galvanized Steel, Add</i>	4.86	
	<i>For 304 Stainless Steel, Add</i>	91.71	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	<i>For Bearing Bars At 15/16" On-Center, Add</i>	8.34	
	<i>For Crossbars At 2" On-Center, Add</i>	3.09	
	<i>For Serrated Wear Surface, Add</i>	0.16	
	<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	-2.22	
05 53 13 00-0008	SF 1-1/4" x 1/8" Steel, Welded Grating	20.59	1.12
	<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>	0.22	
	<i>For Galvanized Steel, Add</i>	3.12	
	<i>For 304 Stainless Steel, Add</i>	58.90	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	<i>For Bearing Bars At 15/16" On-Center, Add</i>	5.36	
	<i>For Crossbars At 2" On-Center, Add</i>	1.98	
	<i>For Serrated Wear Surface, Add</i>	0.16	
	<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	-1.96	
05 53 13 00-0009	SF 1-1/4" x 3/16" Steel, Welded Grating	28.76	1.12
	<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>	0.22	
	<i>For Galvanized Steel, Add</i>	4.51	
	<i>For 304 Stainless Steel, Add</i>	85.13	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	<i>For Bearing Bars At 15/16" On-Center, Add</i>	7.74	
	<i>For Crossbars At 2" On-Center, Add</i>	2.86	
	<i>For Serrated Wear Surface, Add</i>	0.16	
	<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	-2.16	
05 53 13 00-0010	SF 1-1/2" x 1/8" Steel, Welded Grating	23.81	1.12
	<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>	0.22	
	<i>For Galvanized Steel, Add</i>	3.67	
	<i>For 304 Stainless Steel, Add</i>	69.24	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	<i>For Bearing Bars At 15/16" On-Center, Add</i>	6.30	
	<i>For Crossbars At 2" On-Center, Add</i>	2.33	
	<i>For Serrated Wear Surface, Add</i>	0.16	
	<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	-2.04	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0011	SF		1-1/2" x 3/16" Steel, Welded Grating For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	34.17 0.22 5.34 100.89 9.18 3.39 0.16 -2.62	1.37
05 53 13 00-0012	SF		1-1/2" x 1/4" Steel, Welded Grating For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	44.39 0.22 7.08 133.70 12.16 4.50 0.16 -2.88	1.37
05 53 13 00-0013	SF		1-3/4" x 3/16" Steel, Welded Grating For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	39.16 0.22 6.19 116.91 10.63 3.93 0.16 -2.75	1.37
05 53 13 00-0014	SF		2" x 3/16" Steel, Welded Grating For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	43.82 0.22 6.98 131.87 12.00 4.44 0.16 -2.86	1.37
05 53 13 00-0015	SF		2-1/4" x 3/16" Steel, Welded Grating For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	48.77 0.22 7.83 147.76 13.44 4.97 0.16 -2.99	1.37
05 53 13 00-0016	SF		2-1/2" x 3/16" Steel, Welded Grating For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	53.44 0.22 8.62 162.75 14.80 5.48 0.16 -3.10	1.37
05 53 13 00-0017			Pressure Locked Grating <small>(05 53 13)</small> Note: Sizes are for height and width of bearing bars. Pressure locked grating is an open grid grating which is an assembly of tight-fitting, slotted bearing bars and cross bars, interlocked together. The permanent locking of the bars is accomplished by slotting the bearing bars with a wider 'dovetail' shape at the bottom of the slot. The bearing bar slot is usually 1/2 the depth of the cross bar. The cross bars are slotted to a depth slightly less than half its depth. When the bars are pressed together under hydraulic pressure, the cross bar material is forced into the 'dovetail' shape of the bearing bar notch, forming a strong, rigid unit.		
05 53 13 00-0018			Steel, Pressure Locked Grating <small>(05 53 13 00-0017)</small> Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.		
05 53 13 00-0019	SF		3/4" x 1/8" Steel, Pressure Locked Grating For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Set In Place Without Bolting Or Tack Welding, Deduct	27.17 0.22 4.09 46.64 7.28 2.69 -2.12	1.12
05 53 13 00-0020	SF		3/4" x 3/16" Steel, Pressure Locked Grating For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Set In Place Without Bolting Or Tack Welding, Deduct	33.53 0.22 5.13 58.54 9.14 3.38 -2.28	1.12
05 53 13 00-0021	SF		1" x 1/8" Steel, Pressure Locked Grating For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	29.89 0.22 4.53 51.73 8.07 2.99 0.16 -2.19	1.12

05 Metals
05 50 Metal Fabrications
05 53 Metal Gratings

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 53 13 00-0022	SF	1" x 3/16" Steel, Pressure Locked Grating.....	40.81	1.12
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	6.33	
		For 304 Stainless Steel, Add	72.16	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 7/16" On-Center, Add	55.93	
		For Bearing Bars At 15/16" On-Center, Add	11.26	
		For Crossbars At 2" On-Center, Add	4.17	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.47	
05 53 13 00-0023	SF	1-1/4" x 1/8" Steel, Pressure Locked Grating.....	33.53	1.12
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	5.13	
		For 304 Stainless Steel, Add	58.54	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	9.14	
		For Crossbars At 2" On-Center, Add	3.38	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.28	
05 53 13 00-0024	SF	1-1/4" x 3/16" Steel, Pressure Locked Grating.....	45.87	1.12
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	7.16	
		For 304 Stainless Steel, Add	81.63	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	12.74	
		For Crossbars At 2" On-Center, Add	4.71	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.59	
05 53 13 00-0025	SF	1-1/2" x 1/8" Steel, Pressure Locked Grating.....	37.35	1.12
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	5.76	
		For 304 Stainless Steel, Add	65.69	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	10.25	
		For Crossbars At 2" On-Center, Add	3.79	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.38	
05 53 13 00-0026	SF	1-1/2" x 3/16" Steel, Pressure Locked Grating.....	51.67	1.37
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	8.02	
		For 304 Stainless Steel, Add	91.55	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 7/16" On-Center, Add	70.95	
		For Bearing Bars At 15/16" On-Center, Add	14.29	
		For Crossbars At 2" On-Center, Add	5.28	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-3.06	
05 53 13 00-0027	SF	1-3/4" x 3/16" Steel, Pressure Locked Grating.....	57.01	1.37
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	8.90	
		For 304 Stainless Steel, Add	101.54	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	15.85	
		For Crossbars At 2" On-Center, Add	5.86	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-3.19	
05 53 13 00-0028	SF	2" x 3/16" Steel, Pressure Locked Grating.....	61.36	1.37
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	9.61	
		For 304 Stainless Steel, Add	109.68	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	17.12	
		For Crossbars At 2" On-Center, Add	6.33	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-3.30	
05 53 13 00-0029	SF	2-1/4" x 3/16" Steel, Pressure Locked Grating.....	65.53	1.37
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	10.30	
		For 304 Stainless Steel, Add	117.48	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	18.33	
		For Crossbars At 2" On-Center, Add	6.78	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-3.41	
05 53 13 00-0030	SF	2-1/2" x 3/16" Steel, Pressure Locked Grating.....	69.14	1.37
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	10.89	
		For 304 Stainless Steel, Add	124.23	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	19.39	
		For Crossbars At 2" On-Center, Add	7.17	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-3.50	

05 53 13 00-0031 Aluminum, Type 6063, Pressure Locked Grating (05 53 13 00-0017)
 Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted in place, and in all sizes.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0032	SF		3/4" x 1/8" Aluminum, Pressure Locked Grating	16.94	1.12
			<i>For Bearing Bars At 15/16" On-Center, Add</i>	4.29	
			<i>For Crossbars At 2" On-Center, Add</i>	1.59	
			<i>For Set In Place Without Bolting, Deduct</i>	-1.87	
			<i>For Powder Coating, Add</i>	2.21	
05 53 13 00-0033	SF		3/4" x 3/16" Aluminum, Pressure Locked Grating	22.97	1.12
			<i>For Bearing Bars At 15/16" On-Center, Add</i>	6.05	
			<i>For Crossbars At 2" On-Center, Add</i>	2.24	
			<i>For Set In Place Without Bolting, Deduct</i>	-2.02	
			<i>For Powder Coating, Add</i>	3.11	
05 53 13 00-0034	SF		1" x 1/8" Aluminum, Pressure Locked Grating	21.67	1.12
			<i>For Bearing Bars At 15/16" On-Center, Add</i>	5.67	
			<i>For Crossbars At 2" On-Center, Add</i>	2.10	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting, Deduct</i>	-1.99	
			<i>For Powder Coating, Add</i>	2.91	
05 53 13 00-0035	SF		1" x 3/16" Aluminum, Pressure Locked Grating	29.46	1.12
			<i>For Bearing Bars At 7/16" On-Center, Add</i>	39.47	
			<i>For Bearing Bars At 15/16" On-Center, Add</i>	7.95	
			<i>For Crossbars At 2" On-Center, Add</i>	2.94	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting, Deduct</i>	-2.18	
			<i>For Powder Coating, Add</i>	4.08	
05 53 13 00-0036	SF		1-1/4" x 1/8" Aluminum, Pressure Locked Grating	25.10	1.12
			<i>For Bearing Bars At 15/16" On-Center, Add</i>	6.68	
			<i>For Crossbars At 2" On-Center, Add</i>	2.47	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting, Deduct</i>	-2.07	
			<i>For Powder Coating, Add</i>	3.43	
05 53 13 00-0037	SF		1-1/4" x 3/16" Aluminum, Pressure Locked Grating	33.59	1.12
			<i>For Bearing Bars At 15/16" On-Center, Add</i>	9.15	
			<i>For Crossbars At 2" On-Center, Add</i>	3.39	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting, Deduct</i>	-2.28	
			<i>For Powder Coating, Add</i>	4.70	
05 53 13 00-0038	SF		1-1/2" x 1/8" Aluminum, Pressure Locked Grating	28.32	1.12
			<i>For Bearing Bars At 15/16" On-Center, Add</i>	7.62	
			<i>For Crossbars At 2" On-Center, Add</i>	2.82	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting, Deduct</i>	-2.15	
			<i>For Powder Coating, Add</i>	3.91	
05 53 13 00-0039	SF		1-1/2" x 3/16" Aluminum, Pressure Locked Grating	37.85	1.12
			<i>For Bearing Bars At 7/16" On-Center, Add</i>	51.63	
			<i>For Bearing Bars At 15/16" On-Center, Add</i>	10.40	
			<i>For Crossbars At 2" On-Center, Add</i>	3.85	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting, Deduct</i>	-2.39	
			<i>For Powder Coating, Add</i>	5.34	
05 53 13 00-0040	SF		1-3/4" x 3/16" Aluminum, Pressure Locked Grating	41.93	1.12
			<i>For Bearing Bars At 15/16" On-Center, Add</i>	11.59	
			<i>For Crossbars At 2" On-Center, Add</i>	4.29	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting, Deduct</i>	-2.49	
			<i>For Powder Coating, Add</i>	5.95	
05 53 13 00-0041	SF		2" x 3/16" Aluminum, Pressure Locked Grating	46.76	1.12
			<i>For Bearing Bars At 15/16" On-Center, Add</i>	13.00	
			<i>For Crossbars At 2" On-Center, Add</i>	4.81	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting, Deduct</i>	-2.61	
			<i>For Powder Coating, Add</i>	6.68	
05 53 13 00-0042	SF		2-1/4" x 3/16" Aluminum, Pressure Locked Grating	50.55	1.12
			<i>For Bearing Bars At 15/16" On-Center, Add</i>	14.11	
			<i>For Crossbars At 2" On-Center, Add</i>	5.22	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting, Deduct</i>	-2.71	
			<i>For Powder Coating, Add</i>	7.25	
05 53 13 00-0043	SF		2-1/2" x 3/16" Aluminum, Pressure Locked Grating	55.07	1.12
			<i>For Bearing Bars At 15/16" On-Center, Add</i>	15.43	
			<i>For Crossbars At 2" On-Center, Add</i>	5.71	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting, Deduct</i>	-2.82	
			<i>For Powder Coating, Add</i>	7.92	

05 53 13 00-0044

Swage Locked Grating (05 53 13)

Note: Sizes are for height and width of bearing bars. Swage locked grating is an open grid grating where bearing bars are pre-punched to receive a cross bar without penetrating or cutting the top surface of the bearing bar. The cross bar is then inserted through the pre-punched hole and deformed by swaging or squeezing under hydraulic pressure to permanently lock the bars in place.

05 53 13 00-0045

Steel, Swage Locked Grating (05 53 13 00-0044)

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.

05 Metals
05 50 Metal Fabrications
05 53 Metal Gratings

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 53 13 00-0046	SF	1" x 3/16" Steel, Swaged Grating.....	44.70	1.12
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	3.91	
		For 304 Stainless Steel, Add	70.40	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	27.17	
		For Crossbars At 2" On-Center, Add	3.40	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.56	
05 53 13 00-0047	SF	1-1/4" x 3/16" Steel, Swaged Grating.....	49.93	1.12
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	4.39	
		For 304 Stainless Steel, Add	79.07	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	30.52	
		For Crossbars At 2" On-Center, Add	3.82	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.69	
05 53 13 00-0048	SF	1-1/2" x 3/16" Steel, Swaged Grating.....	54.54	1.37
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	4.77	
		For 304 Stainless Steel, Add	85.88	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	33.15	
		For Crossbars At 2" On-Center, Add	4.14	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-3.13	
05 53 13 00-0049	SF	1-3/4" x 3/16" Steel, Swaged Grating.....	62.56	1.37
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	5.50	
		For 304 Stainless Steel, Add	99.18	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	38.28	
		For Crossbars At 2" On-Center, Add	4.79	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-3.33	
05 53 13 00-0050	SF	2" x 3/16" Steel, Swaged Grating.....	70.62	1.37
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	6.24	
		For 304 Stainless Steel, Add	112.55	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	43.44	
		For Crossbars At 2" On-Center, Add	5.43	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-3.53	
05 53 13 00-0051	SF	2-1/4" x 3/16" Steel, Swaged Grating.....	78.65	1.37
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	6.98	
		For 304 Stainless Steel, Add	125.86	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	48.58	
		For Crossbars At 2" On-Center, Add	6.07	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-3.73	
05 53 13 00-0052	SF	2-1/2" x 3/16" Steel, Swaged Grating.....	86.71	1.37
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	7.73	
		For 304 Stainless Steel, Add	139.22	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	53.74	
		For Crossbars At 2" On-Center, Add	6.72	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-3.94	
05 53 13 00-0053		Aluminum Grating, Type 6063, Swage Locked (05 53 13 00-0044)		
		Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted in place, and in all sizes.		
05 53 13 00-0054	SF	1" x 1/8" Aluminum, Swaged Grating.....	20.01	1.12
		For Bearing Bars At 15/16" On-Center, Add	11.37	
		For Crossbars At 2" On-Center, Add	1.42	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-1.95	
		For Powder Coating, Add	2.67	
05 53 13 00-0055	SF	1" x 3/16" Aluminum, Swaged Grating.....	25.96	1.12
		For Bearing Bars At 15/16" On-Center, Add	15.18	
		For Crossbars At 2" On-Center, Add	1.90	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-2.09	
		For Powder Coating, Add	3.56	
05 53 13 00-0056	SF	1-1/4" x 1/8" Aluminum, Swaged Grating.....	22.68	1.12
		For Bearing Bars At 15/16" On-Center, Add	13.08	
		For Crossbars At 2" On-Center, Add	1.64	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-2.01	
		For Powder Coating, Add	3.07	
05 53 13 00-0057	SF	1-1/4" x 3/16" Aluminum, Swaged Grating.....	29.96	1.12
		For Bearing Bars At 15/16" On-Center, Add	17.74	
		For Crossbars At 2" On-Center, Add	2.22	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-2.19	
		For Powder Coating, Add	4.16	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0058	SF		1-1/2" x 1/8" Aluminum, Swaged Grating..... <i>For Bearing Bars At 15/16" On-Center, Add</i> <i>For Crossbars At 2" On-Center, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting, Deduct</i> <i>For Powder Coating, Add</i>	25.85 15.11 1.89 0.16 -2.09 3.54	1.12
05 53 13 00-0059	SF		1-1/2" x 3/16" Aluminum, Swaged Grating..... <i>For Bearing Bars At 15/16" On-Center, Add</i> <i>For Crossbars At 2" On-Center, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting, Deduct</i> <i>For Powder Coating, Add</i>	34.24 20.48 2.56 0.16 -2.30 4.80	1.12
05 53 13 00-0060	SF		1-3/4" x 3/16" Aluminum, Swaged Grating..... <i>For Bearing Bars At 15/16" On-Center, Add</i> <i>For Crossbars At 2" On-Center, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting, Deduct</i> <i>For Powder Coating, Add</i>	39.18 23.64 2.96 0.16 -2.42 5.54	1.12
05 53 13 00-0061	SF		2" x 3/16" Aluminum, Swaged Grating..... <i>For Bearing Bars At 15/16" On-Center, Add</i> <i>For Crossbars At 2" On-Center, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting, Deduct</i> <i>For Powder Coating, Add</i>	44.09 26.78 3.35 0.16 -2.55 6.28	1.12
05 53 13 00-0062	SF		2-1/4" x 3/16" Aluminum, Swaged Grating..... <i>For Bearing Bars At 15/16" On-Center, Add</i> <i>For Crossbars At 2" On-Center, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting, Deduct</i> <i>For Powder Coating, Add</i>	49.02 29.94 3.74 0.16 -2.67 7.02	1.12
05 53 13 00-0063	SF		2-1/2" x 3/16" Aluminum, Swaged Grating..... <i>For Bearing Bars At 15/16" On-Center, Add</i> <i>For Crossbars At 2" On-Center, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting, Deduct</i> <i>For Powder Coating, Add</i>	53.93 33.08 4.14 0.16 -2.79 7.75	1.12
05 53 13 00-0064			Riveted Grating ^(05 53 13) Note: Riveted grating is an open grid grating where bearing bars are pre-punched to receive a solid round rivet. Crimp/lacing bars are pre-punched as well and then formed into a reticulated shape. Bearing bars and crimp bars are then assembled and clamped in place by rivets which are cold driven under hydraulic pressure to permanently lock the assembly together.		
05 53 13 00-0065			Steel, Riveted Grating ^(05 53 13 00-0064) Note: 1" clear opening, bolted or tack welded in place, unpainted steel, all sizes.		
05 53 13 00-0066	SF		3/4" x 1/8", 7.0 LB/SF, Steel, Riveted Grating..... <i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i> <i>For Galvanized Steel, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 5/8" Clear Opening, Add</i> <i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	85.29 0.22 3.99 71.34 28.65 -3.58	1.12
05 53 13 00-0067	SF		3/4" x 3/16", 8.5 LB/SF, Steel, Riveted Grating..... <i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i> <i>For Galvanized Steel, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 5/8" Clear Opening, Add</i> <i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	100.49 0.22 4.72 84.40 33.90 -3.96	1.12
05 53 13 00-0068	SF		1" x 1/8", 8.0 LB/SF, Steel, Riveted Grating..... <i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i> <i>For Galvanized Steel, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 5/8" Clear Opening, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	92.29 0.22 4.32 77.35 31.07 0.16 -3.75	1.12
05 53 13 00-0069	SF		1" x 3/16", 9.5 LB/SF, Steel, Riveted Grating..... <i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i> <i>For Galvanized Steel, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 5/8" Clear Opening, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	106.29 0.22 4.99 89.38 35.90 0.16 -4.10	1.12
05 53 13 00-0070	SF		1-1/4" x 1/8", 9.0 LB/SF, Steel, Riveted Grating..... <i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i> <i>For Galvanized Steel, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 5/8" Clear Opening, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	98.09 0.22 4.60 82.34 33.07 0.16 -3.90	1.12
05 53 13 00-0071	SF		1-1/4" x 3/16", 11.1 LB/SF, Steel, Riveted Grating..... <i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i> <i>For Galvanized Steel, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 5/8" Clear Opening, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	117.08 0.22 5.51 98.65 39.62 0.16 -4.37	1.12

05 Metals

05 50 Metal Fabrications

05 53 Metal Gratings

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 53 13 00-0072	SF	1-1/2" x 1/8", 10.1 LB/SF, Steel, Riveted Grating	104.18	1.37
		<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>	0.22	
		<i>For Galvanized Steel, Add</i>	4.87	
		<i>For 304 Stainless Steel, Add</i>	87.14	
		<i>For 5/8" Clear Opening, Add</i>	35.00	
		<i>For Serrated Wear Surface, Add</i>	0.16	
		<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	-4.37	
05 53 13 00-0073	SF	1-1/2" x 3/16", 12.5 LB/SF, Steel, Riveted Grating	124.47	1.37
		<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>	0.22	
		<i>For Galvanized Steel, Add</i>	5.84	
		<i>For 304 Stainless Steel, Add</i>	104.57	
		<i>For 5/8" Clear Opening, Add</i>	42.00	
		<i>For Serrated Wear Surface, Add</i>	0.16	
		<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	-4.88	
05 53 13 00-0074	SF	1-3/4" x 3/16", 14.0 LB/SF, Steel, Riveted Grating	134.83	1.37
		<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>	0.22	
		<i>For Galvanized Steel, Add</i>	6.34	
		<i>For 304 Stainless Steel, Add</i>	113.47	
		<i>For 5/8" Clear Opening, Add</i>	45.57	
		<i>For Serrated Wear Surface, Add</i>	0.16	
		<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	-5.14	
05 53 13 00-0075	SF	2" x 3/16", 17.0 LB/SF, Steel, Riveted Grating	157.95	1.37
		<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>	0.22	
		<i>For Galvanized Steel, Add</i>	7.45	
		<i>For 304 Stainless Steel, Add</i>	133.33	
		<i>For 5/8" Clear Opening, Add</i>	53.55	
		<i>For Serrated Wear Surface, Add</i>	0.16	
		<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	-5.72	
05 53 13 00-0076	SF	2-1/4" x 3/16", 18.5 LB/SF, Steel, Riveted Grating	166.01	1.37
		<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>	0.22	
		<i>For Galvanized Steel, Add</i>	7.84	
		<i>For 304 Stainless Steel, Add</i>	140.25	
		<i>For 5/8" Clear Opening, Add</i>	56.33	
		<i>For Serrated Wear Surface, Add</i>	0.16	
		<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	-5.92	
05 53 13 00-0077	SF	2-1/2" x 3/16", 20.0 LB/SF, Steel, Riveted Grating	173.19	1.37
		<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>	0.22	
		<i>For Galvanized Steel, Add</i>	8.18	
		<i>For 304 Stainless Steel, Add</i>	146.42	
		<i>For 5/8" Clear Opening, Add</i>	58.81	
		<i>For Serrated Wear Surface, Add</i>	0.16	
		<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	-6.10	
05 53 13 00-0078		Aluminum, Riveted Grating <small>(05 53 13 00-0064)</small>		
		Note: 1" clear opening, bolted in place and in all sizes.		
05 53 13 00-0079	SF	3/4" x 1/8", 2.4 LB/SF, Aluminum, Riveted Grating	42.81	1.12
		<i>For 5/8" Clear Opening, Add</i>	14.00	
		<i>For Powder Coating, Add</i>	6.09	
		<i>For Set In Place Without Bolting, Deduct</i>	-2.52	
05 53 13 00-0080	SF	3/4" x 3/16", 2.9 LB/SF, Aluminum, Riveted Grating	50.84	1.12
		<i>For 5/8" Clear Opening, Add</i>	16.77	
		<i>For Powder Coating, Add</i>	7.29	
		<i>For Set In Place Without Bolting, Deduct</i>	-2.72	
05 53 13 00-0081	SF	1" x 1/8", 2.7 LB/SF, Aluminum, Riveted Grating	47.10	1.12
		<i>For 5/8" Clear Opening, Add</i>	15.48	
		<i>For Serrated Wear Surface, Add</i>	0.16	
		<i>For Powder Coating, Add</i>	6.73	
		<i>For Set In Place Without Bolting, Deduct</i>	-2.62	
05 53 13 00-0082	SF	1" x 3/16", 3.2 LB/SF, Aluminum, Riveted Grating	54.94	1.12
		<i>For 5/8" Clear Opening, Add</i>	18.18	
		<i>For Serrated Wear Surface, Add</i>	0.16	
		<i>For Powder Coating, Add</i>	7.91	
		<i>For Set In Place Without Bolting, Deduct</i>	-2.82	
05 53 13 00-0083	SF	1-1/4" x 1/8", 3.1 LB/SF, Aluminum, Riveted Grating	52.84	1.12
		<i>For 5/8" Clear Opening, Add</i>	17.46	
		<i>For Serrated Wear Surface, Add</i>	0.16	
		<i>For Powder Coating, Add</i>	7.59	
		<i>For Set In Place Without Bolting, Deduct</i>	-2.77	
05 53 13 00-0084	SF	1-1/4" x 3/16", 3.8 LB/SF, Aluminum, Riveted Grating	63.72	1.12
		<i>For 5/8" Clear Opening, Add</i>	21.21	
		<i>For Serrated Wear Surface, Add</i>	0.16	
		<i>For Powder Coating, Add</i>	9.22	
		<i>For Set In Place Without Bolting, Deduct</i>	-3.04	
05 53 13 00-0085	SF	1-1/2" x 1/8", 3.4 LB/SF, Aluminum, Riveted Grating	56.76	1.12
		<i>For 5/8" Clear Opening, Add</i>	18.81	
		<i>For Serrated Wear Surface, Add</i>	0.16	
		<i>For Powder Coating, Add</i>	8.18	
		<i>For Set In Place Without Bolting, Deduct</i>	-2.86	
05 53 13 00-0086	SF	1-1/2" x 3/16", 4.3 LB/SF, Aluminum, Riveted Grating	70.58	1.12
		<i>For 5/8" Clear Opening, Add</i>	23.58	
		<i>For Serrated Wear Surface, Add</i>	0.16	
		<i>For Powder Coating, Add</i>	10.25	
		<i>For Set In Place Without Bolting, Deduct</i>	-3.21	
05 53 13 00-0087	SF	1-3/4" x 3/16", 4.8 LB/SF, Aluminum, Riveted Grating	77.83	1.12
		<i>For 5/8" Clear Opening, Add</i>	26.08	
		<i>For Serrated Wear Surface, Add</i>	0.16	
		<i>For Powder Coating, Add</i>	11.34	
		<i>For Set In Place Without Bolting, Deduct</i>	-3.39	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53	13	00-0088	SF	2" x 3/16", 5.8 LB/SF, Aluminum, Riveted Grating..... <i>For 5/8" Clear Opening, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Powder Coating, Add</i> <i>For Set In Place Without Bolting, Deduct</i>	92.71 31.21 0.16 13.57 -3.76	1.12
05 53	13	00-0089	SF	2-1/4" x 3/16", 6.4 LB/SF, Aluminum, Riveted Grating..... <i>For 5/8" Clear Opening, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Powder Coating, Add</i> <i>For Set In Place Without Bolting, Deduct</i>	101.16 34.13 0.16 14.84 -3.97	1.12
05 53	13	00-0090	SF	2-1/2" x 3/16", 7.2 LB/SF, Aluminum, Riveted Grating..... <i>For 5/8" Clear Opening, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Powder Coating, Add</i> <i>For Set In Place Without Bolting, Deduct</i>	112.48 38.03 0.16 16.54 -4.26	1.12

05 54 Metal Floor Plates (05 50)

05 54 00 00-0001 Steel Floor Plates <small>(05 54)</small>						
05 54	00	00-0002	SF	16 Gauge Steel Raised Or Diamond Pattern Floor Plates.....	20.58	1.32
05 54	00	00-0003	SF	14 Gauge Steel Raised Or Diamond Pattern Floor Plates.....	23.62	1.32
05 54	00	00-0004	SF	12 Gauge Steel Raised Or Diamond Pattern Floor Plates.....	29.74	1.32
05 54	00	00-0005	SF	1/8" Steel Raised Or Diamond Pattern Floor Plates.....	39.87	1.42
05 54	00	00-0006	SF	1/4" Steel Raised Or Diamond Pattern Floor Plates.....	50.85	1.53
05 54 00 00-0007 Aluminum Alloy Floor Plates <small>(05 54)</small>						
05 54	00	00-0008	SF	0.125" Aluminum Alloy Raised Or Diamond Pattern Floor Plate..... <i>For Powder Coating, Add</i>	28.96 4.01	1.12
05 54	00	00-0009	SF	0.188" Aluminum Alloy Raised Or Diamond Pattern Floor Plate..... <i>For Powder Coating, Add</i>	33.24 4.60	1.32
05 54	00	00-0010	SF	0.25" Aluminum Alloy Raised Or Diamond Pattern Floor Plate..... <i>For Powder Coating, Add</i>	37.51 5.20	1.42
05 54 00 00-0011 Type 304 Stainless Steel Floor Plates <small>(05 54)</small>						
05 54	00	00-0012	SF	1/8" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate.....	28.53	1.53
05 54	00	00-0013	SF	3/16" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate.....	34.09	1.73
05 54	00	00-0014	SF	1/4" Type 304 Stainless Raised Or Diamond Pattern Steel Floor Plate.....	44.05	2.03

05 55 Metal Stair Treads and Nosings (05 50)

05 55 13 Metal Stair Treads (05 55)

05 55 13 00-0001 Abrasive Cast Aluminum Stair Treads <small>(05 55 13)</small>						
Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.						
05 55	13	00-0002	LF	8" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread..... <i>For 3/8" Thick, Add</i>	69.53 14.82	6.40
05 55	13	00-0003	LF	9" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread..... <i>For 3/8" Thick, Add</i>	76.63 16.60	6.40
05 55	13	00-0004	LF	10" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread..... <i>For 3/8" Thick, Add</i>	83.72 18.37	6.40
05 55	13	00-0005	LF	11" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread..... <i>For 3/8" Thick, Add</i>	90.84 20.15	6.40
05 55	13	00-0006	LF	12" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread..... <i>For 3/8" Thick, Add</i>	97.91 21.92	6.40
05 55 13 00-0007 Abrasive Cast Iron Stair Treads <small>(05 55 13)</small>						
Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.						
05 55	13	00-0008	LF	8" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread.....	97.08	6.40
05 55	13	00-0009	LF	9" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread.....	107.60	6.40
05 55	13	00-0010	LF	10" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread.....	118.15	6.40
05 55	13	00-0011	LF	11" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread.....	128.67	6.40
05 55	13	00-0012	LF	12" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread.....	139.22	6.40
05 55 13 00-0013 Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Treads <small>(05 55 13)</small>						
Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers.						
05 55	13	00-0014	LF	6-1/2" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread.....	36.30	6.40
05 55	13	00-0015	LF	9" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread.....	42.74	6.40
05 55	13	00-0016	LF	11" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread.....	45.58	6.40
05 55 13 00-0017 Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Treads <small>(05 55 13)</small>						
Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers.						
05 55	13	00-0018	LF	8" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread..... <i>For Epoxy Sealed For Corrosive Environment, Add</i> <i>For Two Color Tread, Add</i>	54.07 4.47 3.35	6.40

05 Metals**05 50 Metal Fabrications****05 55 Metal Stair Treads and Nosings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 55 13 00-0019	LF	9" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread.....	54.60	6.40
		<i>For Epoxy Sealed For Corrosive Environment, Add</i>	4.47	
		<i>For Two Color Tread, Add</i>	3.35	
05 55 13 00-0020	LF	11" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread.....	66.18	6.40
		<i>For Epoxy Sealed For Corrosive Environment, Add</i>	4.47	
		<i>For Two Color Tread, Add</i>	3.35	
05 55 13 00-0021	LF	12" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread.....	76.32	6.40
		<i>For Epoxy Sealed For Corrosive Environment, Add</i>	4.47	
		<i>For Two Color Tread, Add</i>	3.35	
05 55 13 00-0022	LF	15" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread.....	89.55	6.40
		<i>For Epoxy Sealed For Corrosive Environment, Add</i>	4.47	
		<i>For Two Color Tread, Add</i>	3.35	
05 55 13 00-0023		Stair Landing Treads <small>(05 55 13)</small>		
05 55 13 00-0024		Abrasive Cast Aluminum Stair Landing Treads <small>(05 55 13 00-0023)</small>		
		Note: Includes abrasive diamond pattern surface and anchors.		
05 55 13 00-0025	SF	5/16" Thick, Abrasive Cast Aluminum Landing Treads.....	97.91	6.40
		<i>For 3/8" Thick, Add</i>	21.92	
05 55 13 00-0026		Abrasive Cast Iron Stair Landing Treads <small>(05 55 13 00-0023)</small>		
		Note: Includes abrasive diamond pattern surface and anchors.		
05 55 13 00-0027	SF	3/8" Thick, Abrasive Cast Iron Landing Treads.....	139.22	6.40
05 55 13 00-0028		Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads <small>(05 55 13 00-0023)</small>		
		Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.		
05 55 13 00-0029	SF	9/32" Thick, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads.....	90.71	6.40
		<i>For Epoxy Sealed For Corrosive Environment, Add</i>	4.47	
05 55 13 00-0030		Open Cast Iron Stair Tread <small>(05 55 13)</small>		
		Note: Includes steel stringers, safety nosing and 2 pipe handrail. Excludes landings.		
05 55 13 00-0031	RSR	3'-6" Wide, Open Cast Iron Stair Tread.....	722.25	40.68
		<i>For Closed Riser, Add</i>	61.97	
05 55 13 00-0032	RSR	4'-0" Wide, Open Cast Iron Stair Tread.....	808.48	46.79
		<i>For Closed Riser, Add</i>	69.21	
05 55 13 00-0033	RSR	5'-0" Wide, Open Cast Iron Stair Tread.....	889.75	54.92
		<i>For Closed Riser, Add</i>	76.09	
05 55 16 Metal Stair Nosings <small>(05 55)</small>				
05 55 16 00-0001		Abrasive Cast Aluminum Nosings <small>(05 55 16)</small>		
		Note: Includes abrasive diamond pattern surface and anchors.		
05 55 16 00-0002	LF	3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing.....	29.14	4.36
		<i>For 3/8" Thick, Add</i>	5.54	
05 55 16 00-0003	LF	4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing.....	36.00	4.36
		<i>For 3/8" Thick, Add</i>	7.26	
05 55 16 00-0004	LF	6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing.....	51.28	4.36
		<i>For 3/8" Thick, Add</i>	11.08	
05 55 16 00-0005		Abrasive Cast Iron Nosings <small>(05 55 16)</small>		
		Note: Includes abrasive diamond pattern surface and anchors.		
05 55 16 00-0006	LF	3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing.....	34.15	4.36
		<i>For 3/8" Thick, Add</i>	6.79	
05 55 16 00-0007	LF	4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing.....	42.59	4.36
		<i>For 3/8" Thick, Add</i>	8.90	
05 55 16 00-0008	LF	6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing.....	59.28	4.36
		<i>For 3/8" Thick, Add</i>	13.08	
05 55 16 00-0009		Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosings <small>(05 55 16)</small>		
		Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.		
05 55 16 00-0010	LF	1-7/8" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	24.49	4.36
05 55 16 00-0011	LF	3" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	27.80	4.36
05 55 16 00-0012	LF	4" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	30.33	4.36
05 55 16 00-0013	LF	6" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	38.17	4.36
05 55 16 00-0014	LF	1-7/8" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	25.39	4.36
05 55 16 00-0015	LF	3" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	28.20	4.36
05 55 16 00-0016	LF	4" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	31.00	4.36
05 55 16 00-0017	LF	3" Depth, 1/4" Thick, 1-3/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	29.30	4.36
05 56 Metal Castings <small>(05 50)</small>				
05 56 00 00-0001		Castings <small>(05 56)</small>		
05 56 00 00-0002	LB	Up To 150 LB, Miscellaneous Castings, Light Section.....	5.63	0.51
05 56 00 00-0003	LB	>150 LB, Miscellaneous Castings, Heavy Section.....	9.77	0.40

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 58 Formed Metal Fabrications (05 50)

05 58 13 Column Covers (05 58)

05 58 13 00-0001			Architectural Column Cover, Aluminum (05 58 13) Note: Includes snapform column joint, anodized finish, and column collars at top and bottom (Pittcon Series 1500).		
05 58 13 00-0002	LF		10" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	134.69	
			Note: Includes column base and top collar.		
05 58 13 00-0003	LF		12" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	158.74	
			Note: Includes column base and top collar.		
05 58 13 00-0004	LF		14" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	190.02	
			Note: Includes column base and top collar.		
05 58 13 00-0005	LF		16" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	214.06	
			Note: Includes column base and top collar.		
05 58 13 00-0006	LF		18" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	241.01	
			Note: Includes column base and top collar.		
05 58 13 00-0007	LF		20" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	267.65	
			Note: Includes column base and top collar.		
05 58 13 00-0008	LF		24" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	318.77	
			Note: Includes column base and top collar.		
05 58 13 00-0009	LF		30" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	395.07	
			Note: Includes column base and top collar.		
05 58 13 00-0010	LF		36" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	430.99	
			Note: Includes column base and top collar.		
05 58 13 00-0011	LF		42" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	466.91	
			Note: Includes column base and top collar.		
05 58 13 00-0012	LF		48" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	527.15	
			Note: Includes column base and top collar.		
05 58 13 00-0013	LF		54" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	616.34	
			Note: Includes column base and top collar.		

05 58 13 00-0014 Monolithic Column Cover, Aluminum (05 58 13)

			Note: Includes painted, and column collars at top and bottom (Pittcon Series 100).		
05 58 13 00-0015	LF		7" Diameter Monolithic Column Cover, Aluminum, Factory	51.08	
05 58 13 00-0016	LF		8" Diameter Monolithic Column Cover, Aluminum, Factory	58.04	
05 58 13 00-0017	LF		9" Diameter Monolithic Column Cover, Aluminum, Factory	64.83	
05 58 13 00-0018	LF		10" Diameter Monolithic Column Cover, Aluminum, Factory	71.91	
05 58 13 00-0019	LF		12" Diameter Monolithic Column Cover, Aluminum, Factory Primed	85.47	
			Note: Including Column Base And Top Collar		

05 58 16 Formed Metal Enclosures (05 58)

05 58 16 00-0001			Drip Pan (05 58 16)		
05 58 16 00-0002	SF		Stainless Steel Drip Pan	108.50	5.96
05 58 16 00-0003	SF		Galvanized Steel Drip Pan.....	107.16	5.96
05 58 16 00-0004	SF		Aluminum Drip Pan	75.09	4.76
05 58 16 00-0005	SF		Plastic Drip Pan	18.82	4.17

05 58 23 Formed Metal Guards (05 58)

05 58 23 00-0001			Protective Guard Rails (05 58 23) Note: Includes painted finish.		
05 58 23 00-0002			2-Rib, 11 Gauge Steel, Protective Guard Rails (05 58 23 00-0001) Note: Steel King Armor Guard.		
05 58 23 00-0003			Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rails (05 58 23 00-0002) Note: Excludes posts. Includes fasteners.		
05 58 23 00-0004	EA		1' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	200.52	20.95
05 58 23 00-0005	EA		2' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	236.05	20.95
05 58 23 00-0006	EA		3' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	269.55	20.95
05 58 23 00-0007	EA		4' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	305.08	20.95
05 58 23 00-0008	EA		5' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	338.77	20.95
05 58 23 00-0009	EA		6' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	382.46	20.95
05 58 23 00-0010	EA		7' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	412.22	20.95
05 58 23 00-0011	EA		8' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	458.30	20.95
05 58 23 00-0012	EA		9' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	488.55	20.95
05 58 23 00-0013	EA		10' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	510.15	20.95
05 58 23 00-0014			Posts For 2-Rib Guard Rails (05 58 23 00-0002) Note: Includes drilling, surface mounting plate and anchors.		
05 58 23 00-0015	EA		12" Height, Single Rail Post For 2-Rib Guard Rails	402.17	43.64
05 58 23 00-0016	EA		42" Height, Triple Rail Post For 2-Rib Guard Rails	525.54	43.64
05 58 23 00-0017			3-Rib, 11 Gauge Steel, Protective Guard Rails (05 58 23 00-0001) Note: Steel King Steel Guard.		
05 58 23 00-0018			Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rails (05 58 23 00-0017) Note: Excludes posts. Includes fasteners.		
05 58 23 00-0019	EA		1' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	221.93	20.95
05 58 23 00-0020	EA		2' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	245.55	20.95
05 58 23 00-0021	EA		3' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	275.02	20.95

05 Metals**05 50 Metal Fabrications****05 58 Formed Metal Fabrications**
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05 58 23 00-0022	EA	4' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	302.58	20.95
05 58 23 00-0023	EA	5' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	334.45	20.95
05 58 23 00-0024	EA	6' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	349.81	20.95
05 58 23 00-0025	EA	7' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	386.78	20.95
05 58 23 00-0026	EA	8' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	417.98	20.95
05 58 23 00-0027	EA	9' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	451.10	20.95
05 58 23 00-0028	EA	10' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	484.71	20.95

05 58 23 00-0029 Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rails (05 58 23 00-0017)

Note: Excludes posts. Includes fasteners and lift-out mounting plate.

05 58 23 00-0030	EA	1' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	328.21	20.95
05 58 23 00-0031	EA	2' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	354.13	20.95
05 58 23 00-0032	EA	3' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	381.02	20.95
05 58 23 00-0033	EA	4' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	412.22	20.95
05 58 23 00-0034	EA	5' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	443.42	20.95
05 58 23 00-0035	EA	6' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	468.86	20.95
05 58 23 00-0036	EA	7' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	498.15	20.95
05 58 23 00-0037	EA	8' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	531.27	20.95
05 58 23 00-0038	EA	9' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	566.79	20.95
05 58 23 00-0039	EA	10' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	597.99	20.95

05 58 23 00-0040 Posts For 3-Rib Guard Rails (05 58 23 00-0017)

Note: Includes drilling, surface mounting plate and anchors.

05 58 23 00-0041	EA	18" Height, Single Rail Post For 3-Rib Guard Rails	353.02	43.64
05 58 23 00-0042	EA	42" Height, Double Rail Post For 3-Rib Guard Rails	453.06	43.64

05 58 23 00-0043 All-Welded, Protective Guards (05 58 23)

Note: Surface mounted inverted-U style protective barriers. Includes painted finish, drilling, surface mounting plate and anchors.

05 58 23 00-0044 All-Welded, Protective Guards (05 58 23 00-0043)

05 58 23 00-0045	EA	36" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	460.55	58.18
05 58 23 00-0046	EA	48" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	484.55	58.18
05 58 23 00-0047	EA	36" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	498.47	58.18
05 58 23 00-0048	EA	48" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	519.11	58.18
05 58 23 00-0049	EA	36" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	514.31	58.18
05 58 23 00-0050	EA	48" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	539.75	58.18
05 58 23 00-0051	EA	36" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	546.95	58.18
05 58 23 00-0052	EA	48" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	555.11	58.18
05 58 23 00-0053	EA	48" Length, 42" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	594.00	58.18

05 58 23 00-0054 Corner Style, All-Welded, Protective Guards (05 58 23 00-0043)

05 58 23 00-0055	EA	24" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	609.36	58.18
05 58 23 00-0056	EA	30" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	638.16	58.18
05 58 23 00-0057	EA	24" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	650.16	58.18
05 58 23 00-0058	EA	30" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	709.21	58.18

05 58 23 00-0059 Warehouse Safety Bollards (05 58 23)

Note: Includes painted finish, drilling, surface mounting plate and anchors.

05 58 23 00-0060	EA	24" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	282.63	43.64
05 58 23 00-0061	EA	36" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	330.06	43.64
05 58 23 00-0062	EA	42" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	380.27	43.64
05 58 23 00-0063	EA	36" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	394.00	43.64
05 58 23 00-0064	EA	42" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	425.68	43.64

05 59 Metal Specialties (05 50)

05 59 65 Metal Chain (05 59)

05 59 65 00-0001 Alloy Steel Chain, Self Colored, Cut Length (05 59 65)

Note: Includes all connecting links, double clevis mid-Links, slip or grab hooks, or shackles as required.

05 59 65 00-0002	LF	3/16" Diameter Alloy Steel Chain, Cut Length, Self Colored	6.48	0.98
		<i>For Plastic Dipped, Add</i>	0.68	
05 59 65 00-0003	LF	1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored	7.66	1.31
		<i>For Plastic Dipped, Add</i>	0.76	
05 59 65 00-0004	LF	3/8" Diameter Alloy Steel Chain, Cut Length, Self Colored	12.04	2.61
		<i>For Plastic Dipped, Add</i>	1.02	
05 59 65 00-0005	LF	1/2" Diameter Alloy Steel Chain, Cut Length, Self Colored	19.29	4.41
		<i>For Plastic Dipped, Add</i>	1.57	
05 59 65 00-0006	LF	5/8" Diameter Alloy Steel Chain, Cut Length, Self Colored	32.56	7.45
		<i>For Plastic Dipped, Add</i>	2.65	
05 59 65 00-0007	LF	3/4" Diameter Alloy Steel Chain, Cut Length, Self Colored	45.69	10.45
		<i>For Plastic Dipped, Add</i>	3.72	
05 59 65 00-0008	LF	7/8" Diameter Alloy Steel Chain, Cut Length, Self Colored	62.47	13.07
		<i>For Plastic Dipped, Add</i>	5.45	
05 59 65 00-0009	LF	1" Diameter Alloy Steel Chain, Cut Length, Self Colored	90.55	17.42
		<i>For Plastic Dipped, Add</i>	8.36	
05 59 65 00-0010	LF	1-1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored	147.60	26.14
		<i>For Plastic Dipped, Add</i>	14.30	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 59 69 Metal Panels (05 59)

<p>05 59 69 00-0001 Woven And Welded Wire Cloth <small>(05 59 69)</small> <small>Note: Excludes frame and fastening to frame. See CSI section 05 05 21 00-0004 for spot welding.</small></p> <p>05 59 69 00-0002 Plain Steel Woven And Welded Wire Cloth Panels <small>(05 59 69 00-0001)</small></p> <p>05 59 69 00-0003 2" Square Wire Spacing <small>(05 59 69 00-0002)</small></p>	<p>05 59 69 00-0004 SF 0.12" Thick Wire, 2" Spacing, 0.44 LB/SF Woven And Welded Wire Cloth Panels 9.42</p> <p style="margin-left: 20px;"><i>For Up To 2, Add</i> 2.63</p> <p style="margin-left: 20px;"><i>For >2 To 6, Add</i> 1.50</p> <p style="margin-left: 20px;"><i>For >15 To 40, Deduct</i> -0.29</p> <p style="margin-left: 20px;"><i>For >40, Deduct</i> -0.86</p> <p style="margin-left: 20px;"><i>For Galvanized, Add</i> 2.51</p> <p style="margin-left: 20px;"><i>For Aluminum, Add</i> 3.42</p> <p style="margin-left: 20px;"><i>For 304 Stainless Steel, Add</i> 13.68</p> <p style="margin-left: 20px;"><i>For 316 Stainless Steel, Add</i> 15.88</p> <p>05 59 69 00-0005 SF 0.135" Thick Wire, 2" Spacing, 0.55 LB/SF Woven And Welded Wire Cloth Panels 10.14</p> <p style="margin-left: 20px;"><i>For Up To 2, Add</i> 2.80</p> <p style="margin-left: 20px;"><i>For >2 To 6, Add</i> 1.60</p> <p style="margin-left: 20px;"><i>For >15 To 40, Deduct</i> -0.31</p> <p style="margin-left: 20px;"><i>For >40, Deduct</i> -0.94</p> <p style="margin-left: 20px;"><i>For Galvanized, Add</i> 2.75</p> <p style="margin-left: 20px;"><i>For Aluminum, Add</i> 3.76</p> <p style="margin-left: 20px;"><i>For 304 Stainless Steel, Add</i> 15.02</p> <p style="margin-left: 20px;"><i>For 316 Stainless Steel, Add</i> 17.22</p> <p>05 59 69 00-0006 SF 0.148" Thick Wire, 2" Spacing, 0.65 LB/SF Woven And Welded Wire Cloth Panels 10.77</p> <p style="margin-left: 20px;"><i>For Up To 2, Add</i> 3.01</p> <p style="margin-left: 20px;"><i>For >2 To 6, Add</i> 1.72</p> <p style="margin-left: 20px;"><i>For >15 To 40, Deduct</i> -0.32</p> <p style="margin-left: 20px;"><i>For >40, Deduct</i> -0.97</p> <p style="margin-left: 20px;"><i>For Galvanized, Add</i> 2.85</p> <p style="margin-left: 20px;"><i>For Aluminum, Add</i> 3.89</p> <p style="margin-left: 20px;"><i>For 304 Stainless Steel, Add</i> 15.55</p> <p style="margin-left: 20px;"><i>For 316 Stainless Steel, Add</i> 17.82</p> <p>05 59 69 00-0007 SF 0.162" Thick Wire, 2" Spacing, 0.78 LB/SF Woven And Welded Wire Cloth Panels 11.36</p> <p style="margin-left: 20px;"><i>For Up To 2, Add</i> 3.17</p> <p style="margin-left: 20px;"><i>For >2 To 6, Add</i> 1.81</p> <p style="margin-left: 20px;"><i>For >15 To 40, Deduct</i> -0.34</p> <p style="margin-left: 20px;"><i>For >40, Deduct</i> -1.03</p> <p style="margin-left: 20px;"><i>For Galvanized, Add</i> 3.03</p> <p style="margin-left: 20px;"><i>For Aluminum, Add</i> 4.13</p> <p style="margin-left: 20px;"><i>For 304 Stainless Steel, Add</i> 16.54</p> <p style="margin-left: 20px;"><i>For 316 Stainless Steel, Add</i> 18.95</p> <p>05 59 69 00-0008 SF 0.177" Thick Wire, 2" Spacing, 0.92 LB/SF Woven And Welded Wire Cloth Panels 12.42</p> <p style="margin-left: 20px;"><i>For Up To 2, Add</i> 3.49</p> <p style="margin-left: 20px;"><i>For >2 To 6, Add</i> 2.00</p> <p style="margin-left: 20px;"><i>For >15 To 40, Deduct</i> -0.37</p> <p style="margin-left: 20px;"><i>For >40, Deduct</i> -1.11</p> <p style="margin-left: 20px;"><i>For Galvanized, Add</i> 3.26</p> <p style="margin-left: 20px;"><i>For Aluminum, Add</i> 4.44</p> <p style="margin-left: 20px;"><i>For 304 Stainless Steel, Add</i> 17.76</p> <p style="margin-left: 20px;"><i>For 316 Stainless Steel, Add</i> 20.35</p> <p>05 59 69 00-0009 SF 0.192" Thick Wire, 2" Spacing, 1.08 LB/SF Woven And Welded Wire Cloth Panels 14.27</p> <p style="margin-left: 20px;"><i>For Up To 2, Add</i> 3.97</p> <p style="margin-left: 20px;"><i>For >2 To 6, Add</i> 2.27</p> <p style="margin-left: 20px;"><i>For >15 To 40, Deduct</i> -0.43</p> <p style="margin-left: 20px;"><i>For >40, Deduct</i> -1.30</p> <p style="margin-left: 20px;"><i>For Galvanized, Add</i> 3.82</p> <p style="margin-left: 20px;"><i>For Aluminum, Add</i> 5.21</p> <p style="margin-left: 20px;"><i>For 304 Stainless Steel, Add</i> 20.83</p> <p style="margin-left: 20px;"><i>For 316 Stainless Steel, Add</i> 23.87</p> <p>05 59 69 00-0010 SF 0.207" Thick Wire, 2" Spacing, 1.25 LB/SF Woven And Welded Wire Cloth Panels 16.20</p> <p style="margin-left: 20px;"><i>For Up To 2, Add</i> 4.47</p> <p style="margin-left: 20px;"><i>For >2 To 6, Add</i> 2.54</p> <p style="margin-left: 20px;"><i>For >15 To 40, Deduct</i> -0.50</p> <p style="margin-left: 20px;"><i>For >40, Deduct</i> -1.51</p> <p style="margin-left: 20px;"><i>For Galvanized, Add</i> 4.42</p> <p style="margin-left: 20px;"><i>For Aluminum, Add</i> 6.03</p> <p style="margin-left: 20px;"><i>For 304 Stainless Steel, Add</i> 24.12</p> <p style="margin-left: 20px;"><i>For 316 Stainless Steel, Add</i> 27.64</p> <p>05 59 69 00-0011 SF 0.225" Thick Wire, 2" Spacing, 1.46 LB/SF Woven And Welded Wire Cloth Panels 18.56</p> <p style="margin-left: 20px;"><i>For Up To 2, Add</i> 5.08</p> <p style="margin-left: 20px;"><i>For >2 To 6, Add</i> 2.88</p> <p style="margin-left: 20px;"><i>For >15 To 40, Deduct</i> -0.59</p> <p style="margin-left: 20px;"><i>For >40, Deduct</i> -1.76</p> <p style="margin-left: 20px;"><i>For Galvanized, Add</i> 5.17</p> <p style="margin-left: 20px;"><i>For Aluminum, Add</i> 7.04</p> <p style="margin-left: 20px;"><i>For 304 Stainless Steel, Add</i> 28.18</p> <p style="margin-left: 20px;"><i>For 316 Stainless Steel, Add</i> 32.29</p>	<p>2.79</p> <p>2.90</p> <p>3.23</p> <p>3.36</p> <p>3.76</p> <p>4.19</p> <p>4.62</p> <p>5.12</p>
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05 59 69 00-0012 1-3/4" Square Wire Spacing (05 59 69 00-0002)

05 Metals

05 50 Metal Fabrications

05 59 Metal Specialties

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 59 69 00-0013	SF	0.12" Thick Wire, 1-3/4" Spacing, 0.49 LB/SF Woven And Welded Wire Cloth Panels	9.88	2.96
		<i>For Up To 2, Add</i>	2.76	
		<i>For >2 To 6, Add</i>	1.58	
		<i>For >15 To 40, Deduct</i>	-0.30	
		<i>For >40, Deduct</i>	-0.89	
		<i>For Galvanized, Add</i>	2.61	
		<i>For Aluminum, Add</i>	3.56	
		<i>For 304 Stainless Steel, Add</i>	14.26	
		<i>For 316 Stainless Steel, Add</i>	16.34	
05 59 69 00-0014	SF	0.135" Thick Wire, 1-3/4" Spacing, 0.62 LB/SF Woven And Welded Wire Cloth Panels	10.88	3.11
		<i>For Up To 2, Add</i>	3.01	
		<i>For >2 To 6, Add</i>	1.71	
		<i>For >15 To 40, Deduct</i>	-0.34	
		<i>For >40, Deduct</i>	-1.01	
		<i>For Galvanized, Add</i>	2.96	
		<i>For Aluminum, Add</i>	4.03	
		<i>For 304 Stainless Steel, Add</i>	16.13	
		<i>For 316 Stainless Steel, Add</i>	18.48	
05 59 69 00-0015	SF	0.148" Thick Wire, 1-3/4" Spacing, 0.74 LB/SF Woven And Welded Wire Cloth Panels	11.69	3.49
		<i>For Up To 2, Add</i>	3.27	
		<i>For >2 To 6, Add</i>	1.87	
		<i>For >15 To 40, Deduct</i>	-0.35	
		<i>For >40, Deduct</i>	-1.05	
		<i>For Galvanized, Add</i>	3.09	
		<i>For Aluminum, Add</i>	4.21	
		<i>For 304 Stainless Steel, Add</i>	16.85	
		<i>For 316 Stainless Steel, Add</i>	19.31	
05 59 69 00-0016	SF	0.162" Thick Wire, 1-3/4" Spacing, 0.88 LB/SF Woven And Welded Wire Cloth Panels	12.21	3.61
		<i>For Up To 2, Add</i>	3.40	
		<i>For >2 To 6, Add</i>	1.94	
		<i>For >15 To 40, Deduct</i>	-0.37	
		<i>For >40, Deduct</i>	-1.11	
		<i>For Galvanized, Add</i>	3.26	
		<i>For Aluminum, Add</i>	4.44	
		<i>For 304 Stainless Steel, Add</i>	17.76	
		<i>For 316 Stainless Steel, Add</i>	20.35	
05 59 69 00-0017	SF	0.177" Thick Wire, 1-3/4" Spacing, 1.04 LB/SF Woven And Welded Wire Cloth Panels	13.35	4.04
		<i>For Up To 2, Add</i>	3.75	
		<i>For >2 To 6, Add</i>	2.14	
		<i>For >15 To 40, Deduct</i>	-0.40	
		<i>For >40, Deduct</i>	-1.19	
		<i>For Galvanized, Add</i>	3.50	
		<i>For Aluminum, Add</i>	4.78	
		<i>For 304 Stainless Steel, Add</i>	19.10	
		<i>For 316 Stainless Steel, Add</i>	21.89	
05 59 69 00-0018	SF	0.192" Thick Wire, 1-3/4" Spacing, 1.22 LB/SF Woven And Welded Wire Cloth Panels	15.37	4.52
		<i>For Up To 2, Add</i>	4.28	
		<i>For >2 To 6, Add</i>	2.44	
		<i>For >15 To 40, Deduct</i>	-0.47	
		<i>For >40, Deduct</i>	-1.40	
		<i>For Galvanized, Add</i>	4.11	
		<i>For Aluminum, Add</i>	5.60	
		<i>For 304 Stainless Steel, Add</i>	22.42	
		<i>For 316 Stainless Steel, Add</i>	25.69	
05 59 69 00-0019	SF	0.207" Thick Wire, 1-3/4" Spacing, 1.41 LB/SF Woven And Welded Wire Cloth Panels	17.41	4.96
		<i>For Up To 2, Add</i>	4.80	
		<i>For >2 To 6, Add</i>	2.73	
		<i>For >15 To 40, Deduct</i>	-0.54	
		<i>For >40, Deduct</i>	-1.62	
		<i>For Galvanized, Add</i>	4.75	
		<i>For Aluminum, Add</i>	6.48	
		<i>For 304 Stainless Steel, Add</i>	25.92	
		<i>For 316 Stainless Steel, Add</i>	29.70	
05 59 69 00-0020	SF	0.225" Thick Wire, 1-3/4" Spacing, 1.65 LB/SF Woven And Welded Wire Cloth Panels	19.98	5.51
		<i>For Up To 2, Add</i>	5.47	
		<i>For >2 To 6, Add</i>	3.10	
		<i>For >15 To 40, Deduct</i>	-0.63	
		<i>For >40, Deduct</i>	-1.89	
		<i>For Galvanized, Add</i>	5.56	
		<i>For Aluminum, Add</i>	7.58	
		<i>For 304 Stainless Steel, Add</i>	30.31	
		<i>For 316 Stainless Steel, Add</i>	34.73	
05 59 69 00-0021		1-1/2" Square Wire Spacing (05 59 69 00-0002)		
05 59 69 00-0022	SF	0.12" Thick Wire, 1-1/2" Spacing, 0.57 LB/SF Woven And Welded Wire Cloth Panels	10.95	3.29
		<i>For Up To 2, Add</i>	3.06	
		<i>For >2 To 6, Add</i>	1.75	
		<i>For >15 To 40, Deduct</i>	-0.33	
		<i>For >40, Deduct</i>	-0.99	
		<i>For Galvanized, Add</i>	2.90	
		<i>For Aluminum, Add</i>	3.95	
		<i>For 304 Stainless Steel, Add</i>	15.79	
		<i>For 316 Stainless Steel, Add</i>	18.10	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0023	SF		0.135" Thick Wire, 1-1/2" Spacing, 0.72 LB/SF Woven And Welded Wire Cloth Panels	12.04	3.45
			For Up To 2, Add	3.33	
			For >2 To 6, Add	1.89	
			For >15 To 40, Deduct	-0.37	
			For >40, Deduct	-1.12	
			For Galvanized, Add	3.27	
			For Aluminum, Add	4.46	
			For 304 Stainless Steel, Add	17.86	
			For 316 Stainless Steel, Add	20.46	
05 59 69 00-0024	SF		0.148" Thick Wire, 1-1/2" Spacing, 0.85 LB/SF Woven And Welded Wire Cloth Panels	12.78	3.83
			For Up To 2, Add	3.58	
			For >2 To 6, Add	2.04	
			For >15 To 40, Deduct	-0.38	
			For >40, Deduct	-1.15	
			For Galvanized, Add	3.38	
			For Aluminum, Add	4.61	
			For 304 Stainless Steel, Add	18.43	
			For 316 Stainless Steel, Add	21.12	
05 59 69 00-0025	SF		0.162" Thick Wire, 1-1/2" Spacing, 1.02 LB/SF Woven And Welded Wire Cloth Panels	13.48	3.98
			For Up To 2, Add	3.76	
			For >2 To 6, Add	2.14	
			For >15 To 40, Deduct	-0.41	
			For >40, Deduct	-1.23	
			For Galvanized, Add	3.59	
			For Aluminum, Add	4.90	
			For 304 Stainless Steel, Add	19.61	
			For 316 Stainless Steel, Add	22.47	
05 59 69 00-0026	SF		0.177" Thick Wire, 1-1/2" Spacing, 1.2 LB/SF Woven And Welded Wire Cloth Panels	14.69	4.45
			For Up To 2, Add	4.13	
			For >2 To 6, Add	2.36	
			For >15 To 40, Deduct	-0.44	
			For >40, Deduct	-1.31	
			For Galvanized, Add	3.85	
			For Aluminum, Add	5.25	
			For 304 Stainless Steel, Add	21.00	
			For 316 Stainless Steel, Add	24.06	
05 59 69 00-0027	SF		0.192" Thick Wire, 1-1/2" Spacing, 1.4 LB/SF Woven And Welded Wire Cloth Panels	16.79	4.94
			For Up To 2, Add	4.67	
			For >2 To 6, Add	2.67	
			For >15 To 40, Deduct	-0.51	
			For >40, Deduct	-1.53	
			For Galvanized, Add	4.49	
			For Aluminum, Add	6.13	
			For 304 Stainless Steel, Add	24.50	
			For 316 Stainless Steel, Add	28.08	
05 59 69 00-0028	SF		0.207" Thick Wire, 1-1/2" Spacing, 1.62 LB/SF Woven And Welded Wire Cloth Panels	19.04	5.42
			For Up To 2, Add	5.25	
			For >2 To 6, Add	2.99	
			For >15 To 40, Deduct	-0.59	
			For >40, Deduct	-1.77	
			For Galvanized, Add	5.20	
			For Aluminum, Add	7.09	
			For 304 Stainless Steel, Add	28.34	
			For 316 Stainless Steel, Add	32.48	
05 59 69 00-0029	SF		0.225" Thick Wire, 1-1/2" Spacing, 1.89 LB/SF Woven And Welded Wire Cloth Panels	21.79	6.02
			For Up To 2, Add	5.96	
			For >2 To 6, Add	3.38	
			For >15 To 40, Deduct	-0.69	
			For >40, Deduct	-2.07	
			For Galvanized, Add	6.06	
			For Aluminum, Add	8.27	
			For 304 Stainless Steel, Add	33.07	
			For 316 Stainless Steel, Add	37.90	
05 59 69 00-0030			1-1/4" Square Wire Spacing <small>(05 59 69 00-0002)</small>		
05 59 69 00-0031	SF		0.105" Thick Wire, 1-1/4" Spacing, 0.52 LB/SF Woven And Welded Wire Cloth Panels	11.18	3.55
			For Up To 2, Add	3.18	
			For >2 To 6, Add	1.83	
			For >15 To 40, Deduct	-0.32	
			For >40, Deduct	-0.97	
			For Galvanized, Add	2.83	
			For Aluminum, Add	3.86	
			For 304 Stainless Steel, Add	15.46	
			For 316 Stainless Steel, Add	17.71	
05 59 69 00-0032	SF		0.12" Thick Wire, 1-1/4" Spacing, 0.68 LB/SF Woven And Welded Wire Cloth Panels	12.10	3.72
			For Up To 2, Add	3.41	
			For >2 To 6, Add	1.96	
			For >15 To 40, Deduct	-0.36	
			For >40, Deduct	-1.07	
			For Galvanized, Add	3.14	
			For Aluminum, Add	4.28	
			For 304 Stainless Steel, Add	17.11	
			For 316 Stainless Steel, Add	19.61	

05 Metals**05 50 Metal Fabrications****05 59 Metal Specialties**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 59 69 00-0033	SF	0.135" Thick Wire, 1-1/4" Spacing, 0.85 LB/SF Woven And Welded Wire Cloth Panels	13.16	3.88
		For Up To 2, Add	3.67	
		For >2 To 6, Add	2.09	
		For >15 To 40, Deduct	-0.40	
		For >40, Deduct	-1.20	
		For Galvanized, Add	3.51	
		For Aluminum, Add	4.79	
		For 304 Stainless Steel, Add	19.15	
		For 316 Stainless Steel, Add	21.95	
05 59 69 00-0034	SF	0.148" Thick Wire, 1-1/4" Spacing, 1.01 LB/SF Woven And Welded Wire Cloth Panels	13.57	3.95
		For Up To 2, Add	3.77	
		For >2 To 6, Add	2.15	
		For >15 To 40, Deduct	-0.42	
		For >40, Deduct	-1.25	
		For Galvanized, Add	3.65	
		For Aluminum, Add	4.98	
		For 304 Stainless Steel, Add	19.92	
		For 316 Stainless Steel, Add	22.83	
05 59 69 00-0035	SF	0.162" Thick Wire, 1-1/4" Spacing, 1.2 LB/SF Woven And Welded Wire Cloth Panels	14.69	4.46
		For Up To 2, Add	4.13	
		For >2 To 6, Add	2.36	
		For >15 To 40, Deduct	-0.44	
		For >40, Deduct	-1.31	
		For Galvanized, Add	3.85	
		For Aluminum, Add	5.24	
		For 304 Stainless Steel, Add	20.98	
		For 316 Stainless Steel, Add	24.04	
05 59 69 00-0036	SF	0.177" Thick Wire, 1-1/4" Spacing, 1.42 LB/SF Woven And Welded Wire Cloth Panels	16.55	5.02
		For Up To 2, Add	4.65	
		For >2 To 6, Add	2.66	
		For >15 To 40, Deduct	-0.49	
		For >40, Deduct	-1.48	
		For Galvanized, Add	4.34	
		For Aluminum, Add	5.92	
		For 304 Stainless Steel, Add	23.66	
		For 316 Stainless Steel, Add	27.12	
05 59 69 00-0037	SF	0.192" Thick Wire, 1-1/4" Spacing, 1.65 LB/SF Woven And Welded Wire Cloth Panels	18.84	5.54
		For Up To 2, Add	5.24	
		For >2 To 6, Add	2.99	
		For >15 To 40, Deduct	-0.57	
		For >40, Deduct	-1.72	
		For Galvanized, Add	5.04	
		For Aluminum, Add	6.88	
		For 304 Stainless Steel, Add	27.50	
		For 316 Stainless Steel, Add	31.52	
05 59 69 00-0038	SF	0.207" Thick Wire, 1-1/4" Spacing, 1.9 LB/SF Woven And Welded Wire Cloth Panels	21.27	6.06
		For Up To 2, Add	5.87	
		For >2 To 6, Add	3.34	
		For >15 To 40, Deduct	-0.66	
		For >40, Deduct	-1.98	
		For Galvanized, Add	5.81	
		For Aluminum, Add	7.92	
		For 304 Stainless Steel, Add	31.68	
		For 316 Stainless Steel, Add	36.30	
05 59 69 00-0039	SF	0.225" Thick Wire, 1-1/4" Spacing, 2.22 LB/SF Woven And Welded Wire Cloth Panels	24.38	6.72
		For Up To 2, Add	6.67	
		For >2 To 6, Add	3.78	
		For >15 To 40, Deduct	-0.77	
		For >40, Deduct	-2.31	
		For Galvanized, Add	6.78	
		For Aluminum, Add	9.25	
		For 304 Stainless Steel, Add	37.01	
		For 316 Stainless Steel, Add	42.41	
05 59 69 00-0040		1" Square Wire Spacing <small>(05 59 69 00-0002)</small>		
05 59 69 00-0041	SF	0.105" Thick Wire, 1" Spacing, 0.64 LB/SF Woven And Welded Wire Cloth Panels	12.75	4.16
		For Up To 2, Add	3.66	
		For >2 To 6, Add	2.11	
		For >15 To 40, Deduct	-0.36	
		For >40, Deduct	-1.08	
		For Galvanized, Add	3.17	
		For Aluminum, Add	4.33	
		For 304 Stainless Steel, Add	17.30	
		For 316 Stainless Steel, Add	19.83	
05 59 69 00-0042	SF	0.12" Thick Wire, 1" Spacing, 0.83 LB/SF Woven And Welded Wire Cloth Panels	13.69	4.32
		For Up To 2, Add	3.89	
		For >2 To 6, Add	2.23	
		For >15 To 40, Deduct	-0.40	
		For >40, Deduct	-1.19	
		For Galvanized, Add	3.48	
		For Aluminum, Add	4.75	
		For 304 Stainless Steel, Add	19.01	
		For 316 Stainless Steel, Add	21.78	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0043 SF 0.135" Thick Wire, 1" Spacing, 1.04 LB/SF Woven And Welded Wire Cloth Panels	14.26	4.52
For Up To 2, Add	4.06	
For >2 To 6, Add	2.33	
For >15 To 40, Deduct	-0.41	
For >40, Deduct	-1.23	
For Galvanized, Add	3.62	
For Aluminum, Add	4.93	
For 304 Stainless Steel, Add	19.73	
For 316 Stainless Steel, Add	22.61	
05 59 69 00-0044 SF 0.148" Thick Wire, 1" Spacing, 1.23 LB/SF Woven And Welded Wire Cloth Panels	15.31	4.58
For Up To 2, Add	4.29	
For >2 To 6, Add	2.45	
For >15 To 40, Deduct	-0.46	
For >40, Deduct	-1.38	
For Galvanized, Add	4.04	
For Aluminum, Add	5.51	
For 304 Stainless Steel, Add	22.06	
For 316 Stainless Steel, Add	25.27	
05 59 69 00-0045 SF 0.162" Thick Wire, 1" Spacing, 1.46 LB/SF Woven And Welded Wire Cloth Panels	17.01	5.16
For Up To 2, Add	4.78	
For >2 To 6, Add	2.73	
For >15 To 40, Deduct	-0.51	
For >40, Deduct	-1.52	
For Galvanized, Add	4.45	
For Aluminum, Add	6.07	
For 304 Stainless Steel, Add	24.29	
For 316 Stainless Steel, Add	27.83	
05 59 69 00-0046 SF 0.177" Thick Wire, 1" Spacing, 1.72 LB/SF Woven And Welded Wire Cloth Panels	19.10	5.79
For Up To 2, Add	5.36	
For >2 To 6, Add	3.07	
For >15 To 40, Deduct	-0.57	
For >40, Deduct	-1.71	
For Galvanized, Add	5.01	
For Aluminum, Add	6.83	
For 304 Stainless Steel, Add	27.31	
For 316 Stainless Steel, Add	31.30	
05 59 69 00-0047 SF 0.192" Thick Wire, 1" Spacing, 2.01 LB/SF Woven And Welded Wire Cloth Panels	21.86	6.42
For Up To 2, Add	6.09	
For >2 To 6, Add	3.47	
For >15 To 40, Deduct	-0.66	
For >40, Deduct	-1.99	
For Galvanized, Add	5.85	
For Aluminum, Add	7.97	
For 304 Stainless Steel, Add	31.90	
For 316 Stainless Steel, Add	36.55	
05 59 69 00-0048 SF 0.207" Thick Wire, 1" Spacing, 2.31 LB/SF Woven And Welded Wire Cloth Panels	24.62	7.01
For Up To 2, Add	6.79	
For >2 To 6, Add	3.86	
For >15 To 40, Deduct	-0.76	
For >40, Deduct	-2.29	
For Galvanized, Add	6.72	
For Aluminum, Add	9.17	
For 304 Stainless Steel, Add	36.67	
For 316 Stainless Steel, Add	42.02	
05 59 69 00-0049 SF 0.225" Thick Wire, 1" Spacing, 2.69 LB/SF Woven And Welded Wire Cloth Panels	28.13	7.76
For Up To 2, Add	7.69	
For >2 To 6, Add	4.36	
For >15 To 40, Deduct	-0.89	
For >40, Deduct	-2.67	
For Galvanized, Add	7.83	
For Aluminum, Add	10.67	
For 304 Stainless Steel, Add	42.70	
For 316 Stainless Steel, Add	48.92	
05 59 69 00-0050 3/4" Square Wire Spacing <small>(05 59 69 00-0002)</small>		
05 59 69 00-0051 SF 0.105" Thick Wire, 3/4" Spacing, 0.83 LB/SF Woven And Welded Wire Cloth Panels	12.92	4.15
For Up To 2, Add	3.69	
For >2 To 6, Add	2.12	
For >15 To 40, Deduct	-0.37	
For >40, Deduct	-1.11	
For Galvanized, Add	3.25	
For Aluminum, Add	4.43	
For 304 Stainless Steel, Add	17.74	
For 316 Stainless Steel, Add	20.32	
05 59 69 00-0052 SF 0.12" Thick Wire, 3/4" Spacing, 1.07 LB/SF Woven And Welded Wire Cloth Panels	14.42	4.66
For Up To 2, Add	4.12	
For >2 To 6, Add	2.37	
For >15 To 40, Deduct	-0.41	
For >40, Deduct	-1.23	
For Galvanized, Add	3.62	
For Aluminum, Add	4.93	
For 304 Stainless Steel, Add	19.73	
For 316 Stainless Steel, Add	22.61	

05 Metals**05 50 Metal Fabrications****05 59 Metal Specialties**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 59 69 00-0053	SF	0.135" Thick Wire, 3/4" Spacing, 1.33 LB/SF Woven And Welded Wire Cloth Panels	15.94	5.26
		<i>For Up To 2, Add</i>	4.59	
		<i>For >2 To 6, Add</i>	2.64	
		<i>For >15 To 40, Deduct</i>	-0.45	
		<i>For >40, Deduct</i>	-1.34	
		<i>For Galvanized, Add</i>	3.93	
		<i>For Aluminum, Add</i>	5.36	
		<i>For 304 Stainless Steel, Add</i>	21.46	
		<i>For 316 Stainless Steel, Add</i>	24.59	
05 59 69 00-0054	SF	0.148" Thick Wire, 3/4" Spacing, 1.58 LB/SF Woven And Welded Wire Cloth Panels	17.26	5.60
		<i>For Up To 2, Add</i>	4.95	
		<i>For >2 To 6, Add</i>	2.85	
		<i>For >15 To 40, Deduct</i>	-0.49	
		<i>For >40, Deduct</i>	-1.47	
		<i>For Galvanized, Add</i>	4.30	
		<i>For Aluminum, Add</i>	5.87	
		<i>For 304 Stainless Steel, Add</i>	23.47	
		<i>For 316 Stainless Steel, Add</i>	26.90	
05 59 69 00-0055	SF	0.162" Thick Wire, 3/4" Spacing, 1.87 LB/SF Woven And Welded Wire Cloth Panels	19.98	6.31
		<i>For Up To 2, Add</i>	5.68	
		<i>For >2 To 6, Add</i>	3.26	
		<i>For >15 To 40, Deduct</i>	-0.58	
		<i>For >40, Deduct</i>	-1.74	
		<i>For Galvanized, Add</i>	5.09	
		<i>For Aluminum, Add</i>	6.94	
		<i>For 304 Stainless Steel, Add</i>	27.77	
		<i>For 316 Stainless Steel, Add</i>	31.82	
05 59 69 00-0056	SF	0.177" Thick Wire, 3/4" Spacing, 2.2 LB/SF Woven And Welded Wire Cloth Panels	23.01	7.05
		<i>For Up To 2, Add</i>	6.48	
		<i>For >2 To 6, Add</i>	3.71	
		<i>For >15 To 40, Deduct</i>	-0.68	
		<i>For >40, Deduct</i>	-2.04	
		<i>For Galvanized, Add</i>	5.99	
		<i>For Aluminum, Add</i>	8.17	
		<i>For 304 Stainless Steel, Add</i>	32.66	
		<i>For 316 Stainless Steel, Add</i>	37.43	
05 59 69 00-0057	SF	0.192" Thick Wire, 3/4" Spacing, 2.56 LB/SF Woven And Welded Wire Cloth Panels	26.23	7.79
		<i>For Up To 2, Add</i>	7.32	
		<i>For >2 To 6, Add</i>	4.18	
		<i>For >15 To 40, Deduct</i>	-0.79	
		<i>For >40, Deduct</i>	-2.38	
		<i>For Galvanized, Add</i>	6.97	
		<i>For Aluminum, Add</i>	9.50	
		<i>For 304 Stainless Steel, Add</i>	38.02	
		<i>For 316 Stainless Steel, Add</i>	43.56	
05 59 69 00-0058	SF	0.207" Thick Wire, 3/4" Spacing, 2.93 LB/SF Woven And Welded Wire Cloth Panels	29.42	8.47
		<i>For Up To 2, Add</i>	8.14	
		<i>For >2 To 6, Add</i>	4.64	
		<i>For >15 To 40, Deduct</i>	-0.91	
		<i>For >40, Deduct</i>	-2.72	
		<i>For Galvanized, Add</i>	7.98	
		<i>For Aluminum, Add</i>	10.88	
		<i>For 304 Stainless Steel, Add</i>	43.51	
		<i>For 316 Stainless Steel, Add</i>	49.86	
05 59 69 00-0059	SF	0.225" Thick Wire, 3/4" Spacing, 3.41 LB/SF Woven And Welded Wire Cloth Panels	33.59	9.37
		<i>For Up To 2, Add</i>	9.22	
		<i>For >2 To 6, Add</i>	5.23	
		<i>For >15 To 40, Deduct</i>	-1.06	
		<i>For >40, Deduct</i>	-3.17	
		<i>For Galvanized, Add</i>	9.28	
		<i>For Aluminum, Add</i>	12.66	
		<i>For 304 Stainless Steel, Add</i>	50.64	
		<i>For 316 Stainless Steel, Add</i>	58.03	
05 59 69 00-0060		1/2" Square Wire Spacing <small>(05 59 69 00-0002)</small>		
05 59 69 00-0061	SF	0.105" Thick Wire, 1/2" Spacing, 1.18 LB/SF Woven And Welded Wire Cloth Panels	13.47	4.44
		<i>For Up To 2, Add</i>	3.88	
		<i>For >2 To 6, Add</i>	2.24	
		<i>For >15 To 40, Deduct</i>	-0.38	
		<i>For >40, Deduct</i>	-1.13	
		<i>For Galvanized, Add</i>	3.32	
		<i>For Aluminum, Add</i>	4.53	
		<i>For 304 Stainless Steel, Add</i>	18.12	
		<i>For 316 Stainless Steel, Add</i>	20.76	
05 59 69 00-0062	SF	0.12" Thick Wire, 1/2" Spacing, 1.51 LB/SF Woven And Welded Wire Cloth Panels	15.75	5.39
		<i>For Up To 2, Add</i>	4.59	
		<i>For >2 To 6, Add</i>	2.66	
		<i>For >15 To 40, Deduct</i>	-0.43	
		<i>For >40, Deduct</i>	-1.28	
		<i>For Galvanized, Add</i>	3.76	
		<i>For Aluminum, Add</i>	5.12	
		<i>For 304 Stainless Steel, Add</i>	20.50	
		<i>For 316 Stainless Steel, Add</i>	23.49	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0063	SF		0.135" Thick Wire, 1/2" Spacing, 1.88 LB/SF Woven And Welded Wire Cloth Panels	19.04	6.39
			For Up To 2, Add	5.51	
			For >2 To 6, Add	3.18	
			For >15 To 40, Deduct	-0.53	
			For >40, Deduct	-1.58	
			For Galvanized, Add	4.63	
			For Aluminum, Add	6.32	
			For 304 Stainless Steel, Add	25.27	
			For 316 Stainless Steel, Add	28.96	
05 59 69 00-0064	SF		0.148" Thick Wire, 1/2" Spacing, 2.22 LB/SF Woven And Welded Wire Cloth Panels	21.98	7.17
			For Up To 2, Add	6.31	
			For >2 To 6, Add	3.63	
			For >15 To 40, Deduct	-0.62	
			For >40, Deduct	-1.86	
			For Galvanized, Add	5.47	
			For Aluminum, Add	7.46	
			For 304 Stainless Steel, Add	29.83	
			For 316 Stainless Steel, Add	34.18	
05 59 69 00-0065	SF		0.162" Thick Wire, 1/2" Spacing, 2.61 LB/SF Woven And Welded Wire Cloth Panels	25.28	8.00
			For Up To 2, Add	7.19	
			For >2 To 6, Add	4.13	
			For >15 To 40, Deduct	-0.73	
			For >40, Deduct	-2.19	
			For Galvanized, Add	6.43	
			For Aluminum, Add	8.77	
			For 304 Stainless Steel, Add	35.09	
			For 316 Stainless Steel, Add	40.21	
05 59 69 00-0066	SF		0.177" Thick Wire, 1/2" Spacing, 3.06 LB/SF Woven And Welded Wire Cloth Panels	29.03	8.91
			For Up To 2, Add	8.18	
			For >2 To 6, Add	4.69	
			For >15 To 40, Deduct	-0.86	
			For >40, Deduct	-2.57	
			For Galvanized, Add	7.54	
			For Aluminum, Add	10.28	
			For 304 Stainless Steel, Add	41.14	
			For 316 Stainless Steel, Add	47.14	
05 59 69 00-0067	SF		0.192" Thick Wire, 1/2" Spacing, 3.54 LB/SF Woven And Welded Wire Cloth Panels	32.89	9.80
			For Up To 2, Add	9.19	
			For >2 To 6, Add	5.25	
			For >15 To 40, Deduct	-0.99	
			For >40, Deduct	-2.97	
			For Galvanized, Add	8.73	
			For Aluminum, Add	11.90	
			For 304 Stainless Steel, Add	47.59	
			For 316 Stainless Steel, Add	54.53	
05 59 69 00-0068	SF		0.207" Thick Wire, 1/2" Spacing, 4.04 LB/SF Woven And Welded Wire Cloth Panels	36.79	10.62
			For Up To 2, Add	10.19	
			For >2 To 6, Add	5.80	
			For >15 To 40, Deduct	-1.13	
			For >40, Deduct	-3.39	
			For Galvanized, Add	9.96	
			For Aluminum, Add	13.58	
			For 304 Stainless Steel, Add	54.31	
			For 316 Stainless Steel, Add	62.23	
05 59 69 00-0069	SF		0.225" Thick Wire, 1/2" Spacing, 4.68 LB/SF Woven And Welded Wire Cloth Panels	38.21	11.69
			For Up To 2, Add	10.76	
			For >2 To 6, Add	6.16	
			For >15 To 40, Deduct	-1.13	
			For >40, Deduct	-3.39	
			For Galvanized, Add	9.96	
			For Aluminum, Add	13.58	
			For 304 Stainless Steel, Add	54.31	
			For 316 Stainless Steel, Add	62.23	
05 59 69 00-0070			Expanded Metal Panels <small>(05 59 69)</small>		
			Note: Excludes frame and fastening to frame. See CSI section 05 05 21 00-0004 for spot welding.		
05 59 69 00-0071			Plain Flattened Expanded Metal Diamond Shape Panels <small>(05 59 69 00-0070)</small>		
			Note: Excludes frame and fastening to frame. See CSI section 05 05 21 00-0004 for spot welding.		
05 59 69 00-0072	SF		1/4" #20-F Plain Expanded Metal Panel, 0.82 LB/SF	9.68	3.83
			For Galvanized, Add	2.02	
			For Aluminum, Add	2.75	
			For 304 Stainless Steel, Add	10.99	
			For 316 Stainless Steel, Add	12.60	
05 59 69 00-0073	SF		1/4" #18-F Plain Expanded Metal Panel, 1.08 LB/SF	12.07	4.19
			For Galvanized, Add	2.85	
			For Aluminum, Add	3.89	
			For 304 Stainless Steel, Add	15.55	
			For 316 Stainless Steel, Add	17.82	
05 59 69 00-0074	SF		1/2" #20-F Plain Expanded Metal Panel, 0.40 LB/SF	7.02	2.96
			For Galvanized, Add	1.36	
			For Aluminum, Add	1.85	
			For 304 Stainless Steel, Add	7.39	
			For 316 Stainless Steel, Add	8.47	
05 59 69 00-0075	SF		1/2" #18-F Plain Expanded Metal Panel, 0.66 LB/SF	7.66	3.23
			For Galvanized, Add	1.48	
			For Aluminum, Add	2.02	
			For 304 Stainless Steel, Add	8.09	
			For 316 Stainless Steel, Add	9.27	

05 Metals**05 50 Metal Fabrications****05 59 Metal Specialties**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 59 69 00-0076	SF	1/2" #16-F Plain Expanded Metal Panel, 0.82 LB/SF	8.70	3.83
		<i>For Galvanized, Add</i>	1.58	
		<i>For Aluminum, Add</i>	2.16	
		<i>For 304 Stainless Steel, Add</i>	8.64	
		<i>For 316 Stainless Steel, Add</i>	9.90	
05 59 69 00-0077	SF	1/2" #13-F Plain Expanded Metal Panel, 1.4 LB/SF	11.15	4.94
		<i>For Galvanized, Add</i>	2.01	
		<i>For Aluminum, Add</i>	2.74	
		<i>For 304 Stainless Steel, Add</i>	10.97	
		<i>For 316 Stainless Steel, Add</i>	12.57	
05 59 69 00-0078	SF	3/4" #16-F Plain Expanded Metal Panel, 0.51 LB/SF	6.18	2.90
		<i>For Galvanized, Add</i>	1.01	
		<i>For Aluminum, Add</i>	1.38	
		<i>For 304 Stainless Steel, Add</i>	5.52	
		<i>For 316 Stainless Steel, Add</i>	6.33	
05 59 69 00-0079	SF	3/4" #14-F Plain Expanded Metal Panel, 0.63 LB/SF	6.90	3.11
		<i>For Galvanized, Add</i>	1.21	
		<i>For Aluminum, Add</i>	1.64	
		<i>For 304 Stainless Steel, Add</i>	6.58	
		<i>For 316 Stainless Steel, Add</i>	7.54	
05 59 69 00-0080	SF	3/4" #13-F Plain Expanded Metal Panel, 0.75 LB/SF	7.87	3.49
		<i>For Galvanized, Add</i>	1.41	
		<i>For Aluminum, Add</i>	1.92	
		<i>For 304 Stainless Steel, Add</i>	7.68	
		<i>For 316 Stainless Steel, Add</i>	8.80	
05 59 69 00-0081	SF	3/4" #9-F Plain Expanded Metal Panel, 1.50 LB/SF	12.45	5.79
		<i>For Galvanized, Add</i>	2.08	
		<i>For Aluminum, Add</i>	2.84	
		<i>For 304 Stainless Steel, Add</i>	11.35	
		<i>For 316 Stainless Steel, Add</i>	13.01	
05 59 69 00-0082	SF	1" #16-F Plain Expanded Metal Panel, 0.41 LB/SF	6.96	3.55
		<i>For Galvanized, Add</i>	0.98	
		<i>For Aluminum, Add</i>	1.33	
		<i>For 304 Stainless Steel, Add</i>	5.33	
		<i>For 316 Stainless Steel, Add</i>	6.11	
05 59 69 00-0083	SF	1-1/2" #16-F Plain Expanded Metal Panel, 0.38 LB/SF	5.96	2.79
		<i>For Galvanized, Add</i>	0.99	
		<i>For Aluminum, Add</i>	1.34	
		<i>For 304 Stainless Steel, Add</i>	5.38	
		<i>For 316 Stainless Steel, Add</i>	6.16	
05 59 69 00-0084	SF	1-1/2" #13-F Plain Expanded Metal Panel, 0.57 LB/SF	6.89	3.29
		<i>For Galvanized, Add</i>	1.11	
		<i>For Aluminum, Add</i>	1.51	
		<i>For 304 Stainless Steel, Add</i>	6.05	
		<i>For 316 Stainless Steel, Add</i>	6.93	
05 59 69 00-0085	SF	1-1/2" #9-F Plain Expanded Metal Panel, 1.14 LB/SF	10.56	4.44
		<i>For Galvanized, Add</i>	2.04	
		<i>For Aluminum, Add</i>	2.78	
		<i>For 304 Stainless Steel, Add</i>	11.14	
		<i>For 316 Stainless Steel, Add</i>	12.76	

05 70 Decorative Metal ⁽⁰⁵⁾

Note: Includes anchors and related accessories.

05 71 Decorative Metal Stairs ^(05 70)**05 71 13 Fabricated Metal Spiral Stairs** ^(05 71)

Note: Includes factory prime.

05 71 13 00-0001 Spiral Stairs, Stock Units ^(05 71 13)

Note: Includes factory prime.

05 71 13 00-0002 Steel Tread ^(05 71 13 00-0001)

05 71 13 00-0003	VLF	3'-6" Diameter, Spiral Steel Stair With Rails	464.82	50.86
		<i>For Galvanized, Add</i>	254.18	
05 71 13 00-0004	VLF	4' Diameter, Spiral Steel Stair With Rails	529.88	55.94
		<i>For Galvanized, Add</i>	292.60	
05 71 13 00-0005	VLF	4'-6" Diameter, Spiral Steel Stair With Rails	586.49	61.03
		<i>For Galvanized, Add</i>	325.11	
05 71 13 00-0006	VLF	5' Diameter, Spiral Steel Stair With Rails	628.33	66.11
		<i>For Galvanized, Add</i>	347.28	

05 73 Decorative Metal Railings ^(05 70)

Note: Factory primed. Includes brackets.

05 73 23 Decorative Metal Railings ^(05 73)**05 73 23 00-0001 Railings; Vertical Square Bars At 6"** ^(05 73 23)

Note: Centers with shaped top rails (round, square, rectangular, diamond, triangular or other shape).

05 73 23 00-0002	LF	Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	72.15	11.18
		<i>For Rake Or Angle Railings, Add</i>	9.90	
		<i>For Curved Railings, Add</i>	19.49	
		<i>For 4" On Center Standards, Add</i>	2.03	
		<i>For 4-1/2" On Center Standards, Add</i>	1.62	
		<i>For 5" On Center Standards, Add</i>	1.08	
		<i>For 5-1/2" On Center Standards, Add</i>	0.54	
		<i>For Each Field Bending Of Rails, Add</i>	13.77	
		<i>For Galvanized, Add</i>	3.79	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 73 23 00-0003	LF			Aluminum Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	170.49	15.25
				<i>For Rake Or Angle Railings, Add</i>	18.32	
				<i>For Curved Railings, Add</i>	60.29	
				<i>For 4" On Center Standards, Add</i>	8.14	
				<i>For 4-1/2" On Center Standards, Add</i>	6.51	
				<i>For 5" On Center Standards, Add</i>	4.34	
				<i>For 5-1/2" On Center Standards, Add</i>	2.17	
				<i>For Each Field Bending Of Rails, Add</i>	18.00	
05 73 23 00-0004	LF			Bronze Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	249.70	25.43
				<i>For Rake Or Angle Railings, Add</i>	26.68	
				<i>For Curved Railings, Add</i>	88.72	
				<i>For 4" On Center Standards, Add</i>	12.01	
				<i>For 4-1/2" On Center Standards, Add</i>	9.61	
				<i>For 5" On Center Standards, Add</i>	6.41	
				<i>For 5-1/2" On Center Standards, Add</i>	3.20	
				<i>For Each Field Bending Of Rails, Add</i>	24.88	
05 73 23 00-0005	LF			Stainless Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	229.85	20.35
				<i>For Rake Or Angle Railings, Add</i>	24.59	
				<i>For Curved Railings, Add</i>	81.60	
				<i>For 4" On Center Standards, Add</i>	11.04	
				<i>For 4-1/2" On Center Standards, Add</i>	8.84	
				<i>For 5" On Center Standards, Add</i>	5.89	
				<i>For 5-1/2" On Center Standards, Add</i>	2.95	
				<i>For Each Field Bending Of Rails, Add</i>	23.15	
05 73 23 00-0006	LF			Black Wrought Iron Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	243.80	31.02
				<i>For Rake Or Angle Railings, Add</i>	23.16	
				<i>For Curved Railings, Add</i>	94.73	
				<i>For 4" On Center Standards, Add</i>	13.63	
				<i>For 4-1/2" On Center Standards, Add</i>	10.91	
				<i>For 5" On Center Standards, Add</i>	7.27	
				<i>For 5-1/2" On Center Standards, Add</i>	3.64	
				<i>For Each Field Bending Of Rails, Add</i>	18.01	
05 73 23 00-0007 Laminated Metal Or Wood Handrails With Metal Supports (05 73 23)						
05 73 23 00-0008	LF			2-1/2" Laminated Metal Or Wood Handrail Round/Oval Shape With Metal Supports	165.90	5.08
				<i>For Rake Or Angle Railings, Add</i>	13.01	
				<i>For Curved Railings, Add</i>	72.19	
				<i>For 4" On Center Standards, Add</i>	11.09	
				<i>For 4-1/2" On Center Standards, Add</i>	8.87	
				<i>For 5" On Center Standards, Add</i>	5.91	
				<i>For 5-1/2" On Center Standards, Add</i>	2.96	
				<i>For Each Field Bending Of Rails, Add</i>	7.02	
05 73 23 00-0009 Plain Handrails (05 73 23)						
05 73 23 00-0010	LF			2" Brass Handrail	54.31	10.95
05 73 23 00-0011	EA			90 Degree Angle For 2" Brass Handrail	112.48	40.12
05 73 23 00-0012	EA			End Cap For 2" Brass Handrail	50.69	20.11
05 73 23 00-0013	EA			Brass Bracket And Joint For 2" Brass Handrail	84.82	40.12
05 73 23 00-0014	LF			2" Stainless Steel Handrail	57.54	13.68
05 73 23 00-0015 Restoration Of Existing Metal Handrail And Railing (05 73 23)						
				Note: Task includes rust removal by grinding, cleaning, surface prep and one coat of protective primer. See CSI section 09 91 13 00-0365 for painting.		
05 73 23 00-0016	LF			Refinish Metal Handrail	10.50	
05 73 23 00-0017	LF			Refinish Wrought Iron Balustrade	10.45	
05 73 23 00-0018 Remove/Reinstall Ornamental Railing (05 73 23)						
05 73 23 00-0019	LF			Removal And Reinstallation Of Ornamental Handrail And Pickets	93.57	

05 75 Decorative Formed Metal (05 70)

05 75 00 00-0001 Metal Sheets, Installed On Walls (05 75)						
				Note: Includes field fabrication (bending) where noted. See CSI section 05 54 00 00-0000 for metal floor plates.		
05 75 00 00-0002 Copper Sheets, Installed On Walls (05 75 00 00-0001)						
				Note: Includes field fabrication.		
05 75 00 00-0003	SF			0.0162" (12 Ounce) Thick Copper Sheet, Installed On Walls	30.03	2.27
				<i>For >16 To 200, Deduct</i>	-1.67	
				<i>For >200 To 500, Deduct</i>	-3.35	
				<i>For >500, Deduct</i>	-4.85	
05 75 00 00-0004	SF			0.0215" (16 Ounce) Thick Copper Sheet, Installed On Walls	37.66	2.54
				<i>For >16 To 200, Deduct</i>	-2.07	
				<i>For >200 To 500, Deduct</i>	-4.15	
				<i>For >500, Deduct</i>	-6.03	
05 75 00 00-0005	SF			0.0242" (18 Ounce) Thick Copper Sheet, Installed On Walls	41.25	2.73
				<i>For >16 To 200, Deduct</i>	-2.27	
				<i>For >200 To 500, Deduct</i>	-4.54	
				<i>For >500, Deduct</i>	-6.60	
05 75 00 00-0006	SF			0.027" (20 Ounce) Thick Copper Sheet, Installed On Walls	44.60	2.87
				<i>For >16 To 200, Deduct</i>	-2.45	
				<i>For >200 To 500, Deduct</i>	-4.89	
				<i>For >500, Deduct</i>	-7.12	

05 Metals**05 70 Decorative Metal****05 75 Decorative Formed Metal**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 75 00 00-0007	SF	0.0323" (24 Ounce) Thick Copper Sheet, Installed On Walls	50.99	3.00
		<i>For >16 To 200, Deduct</i>	-2.78	
		<i>For >200 To 500, Deduct</i>	-5.55	
		<i>For >500, Deduct</i>	-8.10	
05 75 00 00-0008	SF	0.0431" (32 Ounce) Thick Copper Sheet, Installed On Walls	64.97	3.15
		<i>For >16 To 200, Deduct</i>	-3.48	
		<i>For >200 To 500, Deduct</i>	-6.97	
		<i>For >500, Deduct</i>	-10.22	
05 75 00 00-0009	SF	0.052" (40 Ounce) Thick Copper Sheet, Installed On Walls	76.35	3.29
		<i>For >16 To 200, Deduct</i>	-4.06	
		<i>For >200 To 500, Deduct</i>	-8.13	
		<i>For >500, Deduct</i>	-11.95	
05 75 00 00-0010	SF	0.0646" (48 Ounce) Thick Copper Sheet, Installed On Walls	92.67	3.55
		<i>For >16 To 200, Deduct</i>	-4.90	
		<i>For >200 To 500, Deduct</i>	-9.80	
		<i>For >500, Deduct</i>	-14.43	
05 75 00 00-0011	SF	0.08" Thick Copper Sheet, Installed On Walls	114.14	3.83
		<i>For >16 To 200, Deduct</i>	-5.99	
		<i>For >200 To 500, Deduct</i>	-11.99	
		<i>For >500, Deduct</i>	-17.70	
05 75 00 00-0012	SF	0.125" Thick Copper Sheet, Installed On Walls	168.43	4.11
		<i>For >16 To 200, Deduct</i>	-8.73	
		<i>For >200 To 500, Deduct</i>	-17.46	
		<i>For >500, Deduct</i>	-25.88	

05 75 00 00-0013 Stainless Steel Sheets, Installed On Walls (05 75 00 00-0001)

Note: Includes field fabrication.

05 75 00 00-0014	SF	0.026" Thick (24 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	14.55	2.26
		<i>For >16 To 200, Deduct</i>	-0.90	
		<i>For >200 To 500, Deduct</i>	-1.79	
		<i>For >500, Deduct</i>	-2.52	
05 75 00 00-0015	SF	0.0312" Thick (22 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	16.49	2.44
		<i>For >16 To 200, Deduct</i>	-1.01	
		<i>For >200 To 500, Deduct</i>	-2.02	
		<i>For >500, Deduct</i>	-2.84	
05 75 00 00-0016	SF	0.0375" Thick (20 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	17.98	2.56
		<i>For >16 To 200, Deduct</i>	-1.09	
		<i>For >200 To 500, Deduct</i>	-2.18	
		<i>For >500, Deduct</i>	-3.08	
05 75 00 00-0017	SF	0.050" Thick (18 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	21.12	2.68
		<i>For >16 To 200, Deduct</i>	-1.26	
		<i>For >200 To 500, Deduct</i>	-2.51	
		<i>For >500, Deduct</i>	-3.57	
05 75 00 00-0018	SF	0.0625" Thick (16 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	24.16	2.80
		<i>For >16 To 200, Deduct</i>	-1.42	
		<i>For >200 To 500, Deduct</i>	-2.84	
		<i>For >500, Deduct</i>	-4.04	
05 75 00 00-0019	SF	0.078" Thick (14 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	28.01	2.92
		<i>For >16 To 200, Deduct</i>	-1.62	
		<i>For >200 To 500, Deduct</i>	-3.24	
		<i>For >500, Deduct</i>	-4.64	
05 75 00 00-0020	SF	0.125" Thick (11 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	40.46	3.41
		<i>For >16 To 200, Deduct</i>	-2.28	
		<i>For >200 To 500, Deduct</i>	-4.56	
		<i>For >500, Deduct</i>	-6.58	
05 75 00 00-0021	SF	3/16" Thick (7 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	54.90	3.62
		<i>For >16 To 200, Deduct</i>	-3.02	
		<i>For >200 To 500, Deduct</i>	-6.03	
		<i>For >500, Deduct</i>	-8.78	
05 75 00 00-0022	SF	1/4" Thick (3 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	75.27	4.39
		<i>For >16 To 200, Deduct</i>	-4.09	
		<i>For >200 To 500, Deduct</i>	-8.19	
		<i>For >500, Deduct</i>	-11.95	
05 75 00 00-0023	SF	3/8" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls	126.34	4.71
		<i>For >16 To 200, Deduct</i>	-6.67	
		<i>For >200 To 500, Deduct</i>	-13.34	
		<i>For >500, Deduct</i>	-19.66	
05 75 00 00-0024	SF	1/2" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls	161.75	5.48
		<i>For >16 To 200, Deduct</i>	-8.50	
		<i>For >200 To 500, Deduct</i>	-17.00	
		<i>For >500, Deduct</i>	-25.09	

05 75 00 00-0025 Aluminum Sheets, Installed On Walls (05 75 00 00-0001)

Note: Includes field fabrication.

05 75 00 00-0026	SF	0.016" Thick (26 Gauge) Aluminum Sheet, Installed On Walls	9.81	2.27
		<i>For >16 To 200, Deduct</i>	-0.66	
		<i>For >200 To 500, Deduct</i>	-1.32	
		<i>For >500, Deduct</i>	-1.81	
05 75 00 00-0027	SF	0.020" Thick (24 Gauge) Aluminum Sheet, Installed On Walls	11.10	2.54
		<i>For >16 To 200, Deduct</i>	-0.75	
		<i>For >200 To 500, Deduct</i>	-1.49	
		<i>For >500, Deduct</i>	-2.05	
05 75 00 00-0028	SF	0.025" Thick (22 Gauge) Aluminum Sheet, Installed On Walls	12.32	2.73
		<i>For >16 To 200, Deduct</i>	-0.82	
		<i>For >200 To 500, Deduct</i>	-1.64	
		<i>For >500, Deduct</i>	-2.26	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 75 00 00-0029	SF			0.032" Thick (20 Gauge) Aluminum Sheet, Installed On Walls..... <i>For >16 To 200, Deduct</i> <i>For >200 To 500, Deduct</i> <i>For >500, Deduct</i>	13.55 -0.89 -1.79 -2.46	2.87
05 75 00 00-0030	SF			0.040" Thick (18 Gauge) Aluminum Sheet, Installed On Walls..... <i>For >16 To 200, Deduct</i> <i>For >200 To 500, Deduct</i> <i>For >500, Deduct</i>	14.76 -0.96 -1.93 -2.67	3.00
05 75 00 00-0031	SF			0.050" Thick (16 Gauge) Aluminum Sheet, Installed On Walls..... <i>For >16 To 200, Deduct</i> <i>For >200 To 500, Deduct</i> <i>For >500, Deduct</i>	16.09 -1.04 -2.08 -2.89	3.15
05 75 00 00-0032	SF			0.064" Thick (14 Gauge) Aluminum Sheet, Installed On Walls..... <i>For >16 To 200, Deduct</i> <i>For >200 To 500, Deduct</i> <i>For >500, Deduct</i>	17.68 -1.13 -2.26 -3.14	3.29
05 75 00 00-0033	SF			0.090" Thick (11 Gauge) Aluminum Sheet, Installed On Walls..... <i>For >16 To 200, Deduct</i> <i>For >200 To 500, Deduct</i> <i>For >500, Deduct</i>	20.99 -1.34 -2.67 -3.72	3.83
05 75 00 00-0034 Galvanized Steel Sheets, Installed On Walls <small>(05 75 00 00-0001)</small>						
Note: Includes field fabrication.						
05 75 00 00-0035	SF			0.0217" (26 Gauge) Thick Galvanized Steel Sheet, Installed On Walls..... <i>For >16 To 200, Deduct</i> <i>For >200 To 500, Deduct</i> <i>For >500, Deduct</i>	10.02 -0.67 -1.34 -1.85	2.27
05 75 00 00-0036	SF			0.0276" (24 Gauge) Thick Galvanized Steel Sheet, Installed On Walls..... <i>For >16 To 200, Deduct</i> <i>For >200 To 500, Deduct</i> <i>For >500, Deduct</i>	11.11 -0.75 -1.49 -2.05	2.54
05 75 00 00-0037	SF			0.0336" (22 Gauge) Thick Galvanized Steel Sheet, Installed On Walls..... <i>For >16 To 200, Deduct</i> <i>For >200 To 500, Deduct</i> <i>For >500, Deduct</i>	11.79 -0.79 -1.59 -2.18	2.73
05 75 00 00-0038	SF			0.0396" (20 Gauge) Thick Galvanized Steel Sheet, Installed On Walls..... <i>For >16 To 200, Deduct</i> <i>For >200 To 500, Deduct</i> <i>For >500, Deduct</i>	12.54 -0.84 -1.69 -2.31	2.87
05 75 00 00-0039	SF			0.0516" (18 Gauge) Thick Galvanized Steel Sheet, Installed On Walls..... <i>For >16 To 200, Deduct</i> <i>For >200 To 500, Deduct</i> <i>For >500, Deduct</i>	13.51 -0.90 -1.80 -2.48	3.00
05 75 00 00-0040	SF			0.0635" (16 Gauge) Thick Galvanized Steel Sheet, Installed On Walls..... <i>For >16 To 200, Deduct</i> <i>For >200 To 500, Deduct</i> <i>For >500, Deduct</i>	14.58 -0.97 -1.93 -2.66	3.15
05 75 00 00-0041	SF			0.0785" (14 Gauge) Thick Galvanized Steel Sheet, Installed On Walls..... <i>For >16 To 200, Deduct</i> <i>For >200 To 500, Deduct</i> <i>For >500, Deduct</i>	16.30 -1.06 -2.12 -2.94	3.29
05 75 00 00-0042	SF			0.1084" (12 Gauge) Thick Galvanized Steel Sheet, Installed On Walls..... <i>For >16 To 200, Deduct</i> <i>For >200 To 500, Deduct</i> <i>For >500, Deduct</i>	18.76 -1.20 -2.41 -3.35	3.55
05 75 00 00-0043	SF			0.1382" (10 Gauge) Thick Galvanized Steel Sheet, Installed On Walls..... <i>For >16 To 200, Deduct</i> <i>For >200 To 500, Deduct</i> <i>For >500, Deduct</i>	21.63 -1.39 -2.78 -3.86	4.11
05 75 00 00-0044 Galvanized Zinc-Plated Steel Sheets, Installed On Walls <small>(05 75 00 00-0001)</small>						
Note: Includes field fabrication.						
05 75 00 00-0045	SF			0.013" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls..... <i>For >16 To 200, Deduct</i> <i>For >200 To 500, Deduct</i> <i>For >500, Deduct</i>	12.60 -0.85 -1.69 -2.32	2.16
05 75 00 00-0046	SF			0.016" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls..... <i>For >16 To 200, Deduct</i> <i>For >200 To 500, Deduct</i> <i>For >500, Deduct</i>	14.54 -0.97 -1.94 -2.67	2.44
05 75 00 00-0047	SF			0.019" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls..... <i>For >16 To 200, Deduct</i> <i>For >200 To 500, Deduct</i> <i>For >500, Deduct</i>	16.48 -1.10 -2.19 -3.02	2.71
05 75 00 00-0048	SF			0.024" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls..... <i>For >16 To 200, Deduct</i> <i>For >200 To 500, Deduct</i> <i>For >500, Deduct</i>	18.19 -1.20 -2.41 -3.32	2.93

END OF SECTION 05

05 Metals

05 70 Decorative Metal

05 75 Decorative Formed Metal

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 Wood, Plastics, and Composites

06 01 Maintenance of Wood, Plastics, and Composites (06)

06 01 20 Maintenance of Finish Carpentry (06 01)

06 01 20 91 Finish Carpentry Restoration (06 01 20)

06 01 20 91-0001 Wood Trim Repair (06 01 20 91)

06 01 20 91-0002	SF	Restoration Of Existing Decorative Woodwork.....	8.87	
Note: Includes stripping to bare wood, filling or patching, stain or paint to match existing.				

06 01 40 Maintenance of Architectural Woodwork (06 01)

06 01 40 91 Architectural Woodwork Restoration (06 01 40)

06 01 40 91-0001 Cabinet Hardware Replacement (06 01 40 91)

06 01 40 91-0002	EA	Removal And Replacement Of Concealed, Full Or Half Overlay, Self Closing, Steel Cabinet Hinges.....	47.75	
06 01 40 91-0003	EA	Removal And Replacement Of Semi Concealed, Brass Cabinet Hinges.....	40.71	

06 05 Common Work Results for Wood, Plastics, and Composites (06)

06 05 23 Wood, Plastic, and Composite Fastenings (06 05)

Note: For additional fasteners above normal conditions, for replacing existing fasteners, for relocating existing materials or fixtures, or for different fasteners required due to load limits on standard fasteners.

06 05 23 00-0001 Threaded Anchor Bolts (06 05 23)

Note: Threaded on two ends with two nuts and flat washers.

06 05 23 00-0002	EA	1/2" Diameter x 4" Long, Threaded Anchor Bolt.....	12.95	
		For >10 To 50, Deduct	-0.42	
		For >50 To 100, Deduct	-0.95	
		For >100 To 250, Deduct	-1.89	
		For >250 To 500, Deduct	-3.26	
		For >500, Deduct	-4.62	
06 05 23 00-0003	EA	1/2" Diameter x 7-1/2" Long, Threaded Anchor Bolt.....	17.04	
		For >10 To 50, Deduct	-0.45	
		For >50 To 100, Deduct	-1.10	
		For >100 To 250, Deduct	-2.19	
		For >250 To 500, Deduct	-3.74	
		For >500, Deduct	-5.28	
06 05 23 00-0004	EA	3/4" Diameter x 7-1/2" Long, Threaded Anchor Bolt.....	18.64	
		For >10 To 50, Deduct	-0.45	
		For >50 To 100, Deduct	-1.14	
		For >100 To 250, Deduct	-2.27	
		For >250 To 500, Deduct	-3.86	
		For >500, Deduct	-5.44	
06 05 23 00-0005	EA	3/4" Diameter x 12" Long, Threaded Anchor Bolt.....	36.36	
		For >10 To 50, Deduct	-0.61	
		For >50 To 100, Deduct	-1.83	
		For >100 To 250, Deduct	-3.66	
		For >250 To 500, Deduct	-6.10	
		For >500, Deduct	-8.54	

06 05 23 00-0006 Framing Anchors (06 05 23)

Note: Including nails.

06 05 23 00-0007	EA	1-7/16" x 2-1/2", 18 Gauge, Galvanized Framing Angle Anchor (Simpson Strong Tie® A34).....	7.32	3.49
		For >10 To 50, Deduct	-0.33	
		For >50 To 100, Deduct	-0.68	
		For >100 To 250, Deduct	-1.36	
		For >250 To 500, Deduct	-2.38	
		For >500, Deduct	-3.39	
06 05 23 00-0008	EA	1-7/16" x 4-1/2", 18 Gauge, Galvanized Framing Angle Anchor (Simpson Strong Tie® A35).....	8.18	3.83
		For >10 To 50, Deduct	-0.37	
		For >50 To 100, Deduct	-0.77	
		For >100 To 250, Deduct	-1.53	
		For >250 To 500, Deduct	-2.67	
		For >500, Deduct	-3.81	

06 05 23 00-0009 Angle Anchors (06 05 23)

Note: Including nails.

06 05 23 00-0010	EA	2" x 1-1/2" x 1-3/8" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A21).....	7.41	3.49
		For >10 To 50, Deduct	-0.33	
		For >50 To 100, Deduct	-0.68	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-2.38	
		For >500, Deduct	-3.40	
06 05 23 00-0011	EA	2" x 1-1/2" x 2-3/4" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A23).....	8.10	3.72
		For >10 To 50, Deduct	-0.35	
		For >50 To 100, Deduct	-0.73	
		For >100 To 250, Deduct	-1.47	
		For >250 To 500, Deduct	-2.56	
		For >500, Deduct	-3.65	

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 05 23 00-0012	EA	3-7/8" x 2" x 2-1/2" Wide, 12 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A24)	13.61	3.83
		<i>For >10 To 50, Deduct</i>	-0.37	
		<i>For >50 To 100, Deduct</i>	-0.90	
		<i>For >100 To 250, Deduct</i>	-1.80	
		<i>For >250 To 500, Deduct</i>	-3.08	
		<i>For >500, Deduct</i>	-4.35	
06 05 23 00-0013	EA	3" x 3" x 1-1/2" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A33)	12.31	3.83
		<i>For >10 To 50, Deduct</i>	-0.37	
		<i>For >50 To 100, Deduct</i>	-0.87	
		<i>For >100 To 250, Deduct</i>	-1.74	
		<i>For >250 To 500, Deduct</i>	-2.98	
		<i>For >500, Deduct</i>	-4.22	
06 05 23 00-0014	EA	4-9/16" x 4-9/16" x 1-1/2" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A44)	13.46	4.31
		<i>For >10 To 50, Deduct</i>	-0.41	
		<i>For >50 To 100, Deduct</i>	-0.95	
		<i>For >100 To 250, Deduct</i>	-1.91	
		<i>For >250 To 500, Deduct</i>	-3.27	
		<i>For >500, Deduct</i>	-4.64	
06 05 23 00-0015	EA	5-7/8" x 5-7/8" x 1-1/2" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A66)	15.23	4.54
		<i>For >10 To 50, Deduct</i>	-0.44	
		<i>For >50 To 100, Deduct</i>	-1.05	
		<i>For >100 To 250, Deduct</i>	-2.09	
		<i>For >250 To 500, Deduct</i>	-3.58	
		<i>For >500, Deduct</i>	-5.07	

06 05 23 00-0016 Reinforcing Angle Wood Construction Connectors (06 05 23)

Note: Including nails.

06 05 23 00-0017	EA	3" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L30)	8.09	3.26
		<i>For >10 To 50, Deduct</i>	-0.33	
		<i>For >50 To 100, Deduct</i>	-0.70	
		<i>For >100 To 250, Deduct</i>	-1.40	
		<i>For >250 To 500, Deduct</i>	-2.44	
		<i>For >500, Deduct</i>	-3.47	
06 05 23 00-0018	EA	5" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L50)	9.91	3.49
		<i>For >10 To 50, Deduct</i>	-0.35	
		<i>For >50 To 100, Deduct</i>	-0.78	
		<i>For >100 To 250, Deduct</i>	-1.55	
		<i>For >250 To 500, Deduct</i>	-2.68	
		<i>For >500, Deduct</i>	-3.81	
06 05 23 00-0019	EA	7" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L70)	11.21	3.60
		<i>For >10 To 50, Deduct</i>	-0.36	
		<i>For >50 To 100, Deduct</i>	-0.83	
		<i>For >100 To 250, Deduct</i>	-1.65	
		<i>For >250 To 500, Deduct</i>	-2.84	
		<i>For >500, Deduct</i>	-4.03	
06 05 23 00-0020	EA	9" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L90)	12.41	3.72
		<i>For >10 To 50, Deduct</i>	-0.38	
		<i>For >50 To 100, Deduct</i>	-0.88	
		<i>For >100 To 250, Deduct</i>	-1.77	
		<i>For >250 To 500, Deduct</i>	-3.03	
		<i>For >500, Deduct</i>	-4.29	
06 05 23 00-0021	EA	3-3/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS30)	8.79	3.26
		<i>For >10 To 50, Deduct</i>	-0.33	
		<i>For >50 To 100, Deduct</i>	-0.72	
		<i>For >100 To 250, Deduct</i>	-1.44	
		<i>For >250 To 500, Deduct</i>	-2.49	
		<i>For >500, Deduct</i>	-3.54	
06 05 23 00-0022	EA	4-7/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS50)	9.67	3.49
		<i>For >10 To 50, Deduct</i>	-0.35	
		<i>For >50 To 100, Deduct</i>	-0.77	
		<i>For >100 To 250, Deduct</i>	-1.54	
		<i>For >250 To 500, Deduct</i>	-2.66	
		<i>For >500, Deduct</i>	-3.79	
06 05 23 00-0023	EA	6-3/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS70)	11.15	3.60
		<i>For >10 To 50, Deduct</i>	-0.36	
		<i>For >50 To 100, Deduct</i>	-0.82	
		<i>For >100 To 250, Deduct</i>	-1.65	
		<i>For >250 To 500, Deduct</i>	-2.84	
		<i>For >500, Deduct</i>	-4.02	
06 05 23 00-0024	EA	7-7/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS90)	13.15	3.72
		<i>For >10 To 50, Deduct</i>	-0.38	
		<i>For >50 To 100, Deduct</i>	-0.90	
		<i>For >100 To 250, Deduct</i>	-1.80	
		<i>For >250 To 500, Deduct</i>	-3.08	
		<i>For >500, Deduct</i>	-4.37	

06 05 23 00-0025 Hold Down Anchors (06 05 23)

Note: Including nails.

06 05 23 00-0026	EA	8-5/8" High x 2-1/2" Wide x 2-1/4" Deep, 12 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD3B)	57.53	
		<i>For >10 To 50, Deduct</i>	-1.80	
		<i>For >50 To 100, Deduct</i>	-4.14	
		<i>For >100 To 250, Deduct</i>	-8.29	
		<i>For >250 To 500, Deduct</i>	-14.23	
		<i>For >500, Deduct</i>	-20.18	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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06 05 23 00-0027	EA	9-3/8" High x 2-1/2" Wide x 2-1/2" Deep, 10 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD5B).....	79.43	
		For >10 To 50, Deduct	-1.86	
		For >50 To 100, Deduct	-4.78	
		For >100 To 250, Deduct	-9.55	
		For >250 To 500, Deduct	-16.19	
		For >500, Deduct	-22.83	
06 05 23 00-0028	EA	12-3/8" High x 2-1/2" Wide x 2-1/2" Deep, 10 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD7B).....	97.42	
		For >10 To 50, Deduct	-1.98	
		For >50 To 100, Deduct	-5.40	
		For >100 To 250, Deduct	-10.80	
		For >250 To 500, Deduct	-18.18	
		For >500, Deduct	-25.56	
06 05 23 00-0029	EA	14" High x 2-1/2" Wide x 2-1/2" Deep, 7 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD9B).....	114.77	
		For >10 To 50, Deduct	-2.21	
		For >50 To 100, Deduct	-6.18	
		For >100 To 250, Deduct	-12.37	
		For >250 To 500, Deduct	-20.76	
		For >500, Deduct	-29.16	
06 05 23 00-0030	EA	20-5/16" High x 3-1/2" Wide x 4-1/2" Deep, 3 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD12).....	184.56	
		For >10 To 50, Deduct	-2.79	
		For >50 To 100, Deduct	-8.80	
		For >100 To 250, Deduct	-17.60	
		For >250 To 500, Deduct	-29.20	
		For >500, Deduct	-40.79	
06 05 23 00-0031	EA	24-1/2" High x 3-1/2" Wide x 4-1/2" Deep, 3 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD19).....	247.11	
		For >10 To 50, Deduct	-2.91	
		For >50 To 100, Deduct	-10.54	
		For >100 To 250, Deduct	-21.08	
		For >250 To 500, Deduct	-34.53	
		For >500, Deduct	-47.98	
06 05 23 00-0032	EA	8-11/16" Height x 3" Wide x 3-1/4" Deep, 14 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU2-SDS2.5).....	67.18	
		For >10 To 50, Deduct	-1.80	
		For >50 To 100, Deduct	-4.38	
		For >100 To 250, Deduct	-8.77	
		For >250 To 500, Deduct	-14.96	
		For >500, Deduct	-21.14	
06 05 23 00-0033	EA	10-15/16" Height x 3" Wide x 3-1/4" Deep, 14 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU4-SDS2.5).....	74.10	
		For >10 To 50, Deduct	-1.86	
		For >50 To 100, Deduct	-4.64	
		For >100 To 250, Deduct	-9.29	
		For >250 To 500, Deduct	-15.79	
		For >500, Deduct	-22.30	
06 05 23 00-0034	EA	13-3/16" Height x 3" Wide x 3-1/4" Deep, 14 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU5-SDS2.5).....	82.82	
		For >10 To 50, Deduct	-1.98	
		For >50 To 100, Deduct	-5.04	
		For >100 To 250, Deduct	-10.07	
		For >250 To 500, Deduct	-17.09	
		For >500, Deduct	-24.10	
06 05 23 00-0035	EA	16-5/8" Height x 3" Wide x 3-1/2" Deep, 10 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU8-SDS2.5).....	101.86	
		For >10 To 50, Deduct	-2.21	
		For >50 To 100, Deduct	-5.86	
		For >100 To 250, Deduct	-11.72	
		For >250 To 500, Deduct	-19.79	
		For >500, Deduct	-27.87	
06 05 23 00-0036	EA	22-1/4" Height x 3" Wide x 3-1/2" Deep, 10 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU11-SDS2.5).....	131.07	
		For >10 To 50, Deduct	-2.79	
		For >50 To 100, Deduct	-7.46	
		For >100 To 250, Deduct	-14.93	
		For >250 To 500, Deduct	-25.18	
		For >500, Deduct	-35.44	
06 05 23 00-0037	EA	25-11/16" Height x 3" Wide x 3-1/2" Deep, 7 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU14-SDS2.5).....	146.06	
		For >10 To 50, Deduct	-2.91	
		For >50 To 100, Deduct	-8.01	
		For >100 To 250, Deduct	-16.03	
		For >250 To 500, Deduct	-26.95	
		For >500, Deduct	-37.87	

06 05 23 00-0038 Joist And Beam Hangers (06 05 23)

Note: Including nails.

06 05 23 00-0039	EA	18 Gauge, Galvanized Joist Hanger, For 2" x 4" Joist Also Acceptable For Beam Hangers (Simpson Strong Tie® LU24).....	7.75		3.26
		For >10 To 50, Deduct	-0.33		
		For >50 To 100, Deduct	-0.69		
		For >100 To 250, Deduct	-1.39		
		For >250 To 500, Deduct	-2.41		
		For >500, Deduct	-3.44		
06 05 23 00-0040	EA	18 Gauge, Galvanized Joist Hanger, For 2" x 6"-2" x 10" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® LU28).....	8.61		3.49
		For >10 To 50, Deduct	-0.35		
		For >50 To 100, Deduct	-0.74		
		For >100 To 250, Deduct	-1.49		
		For >250 To 500, Deduct	-2.58		
		For >500, Deduct	-3.68		

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 05 23 00-0041	EA	16 Gauge, Galvanized Joist Hanger, For 3" x 6"-3" x 9" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® LUS36)	11.84	3.60
		<i>For >10 To 50, Deduct</i>	-0.36	
		<i>For >50 To 100, Deduct</i>	-0.84	
		<i>For >100 To 250, Deduct</i>	-1.68	
		<i>For >250 To 500, Deduct</i>	-2.89	
		<i>For >500, Deduct</i>	-4.09	
06 05 23 00-0042	EA	16 Gauge, Galvanized Joist Hanger, For 3" x 10"-3" x 14" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® LUS310)	12.86	3.72
		<i>For >10 To 50, Deduct</i>	-0.38	
		<i>For >50 To 100, Deduct</i>	-0.89	
		<i>For >100 To 250, Deduct</i>	-1.79	
		<i>For >250 To 500, Deduct</i>	-3.06	
		<i>For >500, Deduct</i>	-4.34	
06 05 23 00-0043	EA	14 Gauge, Galvanized Joist Hanger, For 4" x 6"-4" x 8" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® HUS46).....	19.35	3.95
		<i>For >10 To 50, Deduct</i>	-0.39	
		<i>For >50 To 100, Deduct</i>	-1.07	
		<i>For >100 To 250, Deduct</i>	-2.15	
		<i>For >250 To 500, Deduct</i>	-3.61	
		<i>For >500, Deduct</i>	-5.08	
06 05 23 00-0044	EA	14 Gauge, Galvanized Joist Hanger, For 4" x 10"-4" x 14" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® HUS412).....	22.94	4.08
		<i>For >10 To 50, Deduct</i>	-0.40	
		<i>For >50 To 100, Deduct</i>	-1.18	
		<i>For >100 To 250, Deduct</i>	-2.35	
		<i>For >250 To 500, Deduct</i>	-3.93	
		<i>For >500, Deduct</i>	-5.51	
06 05 23 00-0045		Anchor And Ties (06 05 23)		
		Note: Including nails.		
06 05 23 00-0046	EA	12-3/8" Long, 11 Gauge, Galvanized Heavy Tension Tie (Simpson Strong Tie® HTT4).....	34.46	
		Note: Includes nails. Excludes anchor bolt.		
06 05 23 00-0047	EA	16" Long, 11 Gauge, Galvanized Heavy Tension Tie (Simpson Strong Tie® HTT5).....	42.67	
		Note: Includes nails. Excludes anchor bolt.		
06 05 23 00-0048	EA	16 Gauge, Zinc Galvanized Finish Mudsill Anchor (Simpson Strong Tie® MASAZ).....	4.70	
06 05 23 00-0049	EA	16 Gauge, Zinc Galvanized Finish Mudsill Anchor (Simpson Strong Tie® MASBZ).....	5.26	
06 05 23 00-0050		Hurricane Ties (06 05 23)		
06 05 23 00-0051	EA	6" x 1-3/8" Wide, 18 Gauge, Galvanized Finish Hurricane Ties (Simpson Strong Tie® H2.5A).....	8.55	3.60
		<i>For >10 To 50, Deduct</i>	-0.40	
		<i>For >50 To 100, Deduct</i>	-0.82	
		<i>For >100 To 250, Deduct</i>	-1.63	
		<i>For >250 To 500, Deduct</i>	-2.85	
		<i>For >500, Deduct</i>	-4.06	
06 05 23 00-0052	EA	6" x 1-3/8" Wide, 18 Gauge, Zinc Galvanized Finish Hurricane Ties (Simpson Strong Tie® H2.5AZ).....	3.05	
06 05 23 00-0053	EA	6" x 1-3/8" Wide, 18 Gauge, Stainless Steel Hurricane Ties (Simpson Strong Tie® H2.5ASS)	7.94	
06 05 23 00-0054	EA	10-7/16" x 1-1/2" Wide, 18 Gauge, Galvanized Finish Hurricane Ties (Simpson Strong Tie® H2A)	10.36	3.60
		<i>For >10 To 50, Deduct</i>	-0.40	
		<i>For >50 To 100, Deduct</i>	-0.86	
		<i>For >100 To 250, Deduct</i>	-1.72	
		<i>For >250 To 500, Deduct</i>	-2.98	
		<i>For >500, Deduct</i>	-4.24	
06 05 23 00-0055	EA	19-3/16" x 2-1/4" Wide, 18 Gauge, Galvanized Finish Hurricane Ties (Simpson Strong Tie® H6).....	16.69	
06 05 23 00-0056		Post Column Bases (06 05 23)		
		Note: Including nails.		
06 05 23 00-0057	EA	Adjustable And Standoff 4" x 4" Post Base, With Bolts (Simpson Strong Tie® ABA44)	29.44	
06 05 23 00-0058	EA	Adjustable And Standoff 4" x 6" Post Base, With Bolts (Simpson Strong Tie® ABA46)	45.93	
06 05 23 00-0059	EA	Adjustable And Standoff 6" x 6" Post Base, With Bolts (Simpson Strong Tie® ABA66)	47.37	
06 05 23 00-0060		Post Column Caps (06 05 23)		
		Note: Including nails.		
06 05 23 00-0061	EA	4" Beam, 4" Post Flange, 18 Gauge, Galvanized Post Cap (Simpson Strong Tie® BC4)	17.36	4.08
		<i>For >10 To 50, Deduct</i>	-0.45	
		<i>For >50 To 100, Deduct</i>	-1.11	
		<i>For >100 To 250, Deduct</i>	-2.21	
		<i>For >250 To 500, Deduct</i>	-3.76	
		<i>For >500, Deduct</i>	-5.32	
06 05 23 00-0062	EA	6" Beam, 6" Post Flange, 18 Gauge, Galvanized Post Cap (Simpson Strong Tie® BC6)	37.32	4.08
		<i>For >10 To 50, Deduct</i>	-0.47	
		<i>For >50 To 100, Deduct</i>	-1.64	
		<i>For >100 To 250, Deduct</i>	-3.28	
		<i>For >250 To 500, Deduct</i>	-5.40	
		<i>For >500, Deduct</i>	-7.51	
06 05 23 00-0063	EA	3-1/8" Beam, 4" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC3 1/4-4)	180.77	
		Note: Excludes field welding		
		<i>For >10 To 50, Deduct</i>	-1.16	
		<i>For >50 To 100, Deduct</i>	-6.26	
		<i>For >100 To 250, Deduct</i>	-12.53	
		<i>For >250 To 500, Deduct</i>	-19.95	
		<i>For >500, Deduct</i>	-27.38	
		<i>For Hot Dipped Galvanized, Add</i>	70.88	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0064 EA 3-1/8" Beam, 6" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC3 1/4-6).....	187.82	
For >10 To 50, Deduct	-1.31	
For >50 To 100, Deduct	-6.66	
For >100 To 250, Deduct	-13.32	
For >250 To 500, Deduct	-21.28	
For >500, Deduct	-29.25	
For Hot Dipped Galvanized, Add	72.74	
06 05 23 00-0065 EA 4" Beam, 4" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC44).....	116.43	
Note: Excludes field welding		
For >10 To 50, Deduct	-1.16	
For >50 To 100, Deduct	-4.66	
For >100 To 250, Deduct	-9.31	
For >250 To 500, Deduct	-15.13	
For >500, Deduct	-20.95	
For Hot Dipped Galvanized, Add	41.93	
06 05 23 00-0066 EA 4" Beam, 6" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC46).....	183.91	
For >10 To 50, Deduct	-1.31	
For >50 To 100, Deduct	-6.56	
For >100 To 250, Deduct	-13.12	
For >250 To 500, Deduct	-20.99	
For >500, Deduct	-28.86	
For Hot Dipped Galvanized, Add	70.98	
06 05 23 00-0067 EA 4" Beam, 8" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC48).....	192.36	
Note: Excludes field welding		
For >10 To 50, Deduct	-1.31	
For >50 To 100, Deduct	-6.77	
For >100 To 250, Deduct	-13.54	
For >250 To 500, Deduct	-21.62	
For >500, Deduct	-29.70	
For Hot Dipped Galvanized, Add	74.79	
06 05 23 00-0068 EA 6" Beam, 4" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC64).....	196.48	
For >10 To 50, Deduct	-1.25	
For >50 To 100, Deduct	-6.79	
For >100 To 250, Deduct	-13.58	
For >250 To 500, Deduct	-21.61	
For >500, Deduct	-29.65	
For Hot Dipped Galvanized, Add	77.16	
06 05 23 00-0069 EA 6" Beam, 6" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC66).....	198.80	
For >10 To 50, Deduct	-1.37	
For >50 To 100, Deduct	-7.02	
For >100 To 250, Deduct	-14.04	
For >250 To 500, Deduct	-22.43	
For >500, Deduct	-30.81	
For Hot Dipped Galvanized, Add	77.16	
06 05 23 00-0070 EA 6" Beam, 8" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC68).....	198.80	
For >10 To 50, Deduct	-1.37	
For >50 To 100, Deduct	-7.02	
For >100 To 250, Deduct	-14.04	
For >250 To 500, Deduct	-22.43	
For >500, Deduct	-30.81	
For Hot Dipped Galvanized, Add	77.16	
06 05 23 00-0071 EA 5-1/8" Beam, 4" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC5 1/4-4).....	229.62	
For >10 To 50, Deduct	-1.25	
For >50 To 100, Deduct	-7.62	
For >100 To 250, Deduct	-15.23	
For >250 To 500, Deduct	-24.10	
For >500, Deduct	-32.97	
For Hot Dipped Galvanized, Add	92.07	
06 05 23 00-0072 EA 5-1/8" Beam, 6" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC5 1/4-6).....	231.94	
For >10 To 50, Deduct	-1.37	
For >50 To 100, Deduct	-7.85	
For >100 To 250, Deduct	-15.70	
For >250 To 500, Deduct	-24.91	
For >500, Deduct	-34.13	
For Hot Dipped Galvanized, Add	92.07	
06 05 23 00-0073 EA 5-1/8" Beam, 8" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC5 1/4-8).....	231.94	
For >10 To 50, Deduct	-1.37	
For >50 To 100, Deduct	-7.85	
For >100 To 250, Deduct	-15.70	
For >250 To 500, Deduct	-24.91	
For >500, Deduct	-34.13	
For Hot Dipped Galvanized, Add	92.07	
06 05 23 00-0074 EA 8" Beam, 4" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC84).....	280.95	
For >10 To 50, Deduct	-1.25	
For >50 To 100, Deduct	-8.90	
For >100 To 250, Deduct	-17.80	
For >250 To 500, Deduct	-27.95	
For >500, Deduct	-38.10	
For Hot Dipped Galvanized, Add	115.17	
06 05 23 00-0075 EA 8" Beam, 6" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC86).....	283.27	
For >10 To 50, Deduct	-1.37	
For >50 To 100, Deduct	-9.13	
For >100 To 250, Deduct	-18.26	
For >250 To 500, Deduct	-28.76	
For >500, Deduct	-39.26	
For Hot Dipped Galvanized, Add	115.17	

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
06 05 23 00-0076	EA 8" Beam, 8" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC88).....	283.27	
	For >10 To 50, Deduct	-1.37	
	For >50 To 100, Deduct	-9.13	
	For >100 To 250, Deduct	-18.26	
	For >250 To 500, Deduct	-28.76	
	For >500, Deduct	-39.26	
	For Hot Dipped Galvanized, Add	115.17	
06 05 23 00-0077	EA 3-1/8" Beam, 4" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC3 1/4-4).....	180.77	
	Note: Excludes field welding		
	For >10 To 50, Deduct	-1.16	
	For >50 To 100, Deduct	-6.26	
	For >100 To 250, Deduct	-12.53	
	For >250 To 500, Deduct	-19.95	
	For >500, Deduct	-27.38	
	For Hot Dipped Galvanized, Add	70.88	
06 05 23 00-0078	EA 3-1/8" Beam, 6" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC3 1/4-6).....	187.82	
	For >10 To 50, Deduct	-1.31	
	For >50 To 100, Deduct	-6.66	
	For >100 To 250, Deduct	-13.32	
	For >250 To 500, Deduct	-21.28	
	For >500, Deduct	-29.25	
	For Hot Dipped Galvanized, Add	72.74	
06 05 23 00-0079	EA 4" Beam, 4" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC44).....	116.43	
	Note: Excludes field welding		
	For >10 To 50, Deduct	-1.16	
	For >50 To 100, Deduct	-4.66	
	For >100 To 250, Deduct	-9.31	
	For >250 To 500, Deduct	-15.13	
	For >500, Deduct	-20.95	
	For Hot Dipped Galvanized, Add	41.93	
06 05 23 00-0080	EA 4" Beam, 6" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC46).....	183.91	
	For >10 To 50, Deduct	-1.31	
	For >50 To 100, Deduct	-6.56	
	For >100 To 250, Deduct	-13.12	
	For >250 To 500, Deduct	-20.99	
	For >500, Deduct	-28.86	
	For Hot Dipped Galvanized, Add	70.98	
06 05 23 00-0081	EA 4" Beam, 8" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC48).....	192.36	
	Note: Excludes field welding		
	For >10 To 50, Deduct	-1.31	
	For >50 To 100, Deduct	-6.77	
	For >100 To 250, Deduct	-13.54	
	For >250 To 500, Deduct	-21.62	
	For >500, Deduct	-29.70	
	For Hot Dipped Galvanized, Add	74.79	
06 05 23 00-0082	EA 6" Beam, 4" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC64).....	196.48	
	For >10 To 50, Deduct	-1.25	
	For >50 To 100, Deduct	-6.79	
	For >100 To 250, Deduct	-13.58	
	For >250 To 500, Deduct	-21.61	
	For >500, Deduct	-29.65	
	For Hot Dipped Galvanized, Add	77.16	
06 05 23 00-0083	EA 6" Beam, 6" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC66).....	198.80	
	For >10 To 50, Deduct	-1.37	
	For >50 To 100, Deduct	-7.02	
	For >100 To 250, Deduct	-14.04	
	For >250 To 500, Deduct	-22.43	
	For >500, Deduct	-30.81	
	For Hot Dipped Galvanized, Add	77.16	
06 05 23 00-0084	EA 6" Beam, 8" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC68).....	198.80	
	For >10 To 50, Deduct	-1.37	
	For >50 To 100, Deduct	-7.02	
	For >100 To 250, Deduct	-14.04	
	For >250 To 500, Deduct	-22.43	
	For >500, Deduct	-30.81	
	For Hot Dipped Galvanized, Add	77.16	
06 05 23 00-0085	EA 5-1/8" Beam, 4" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC5 1/4-4).....	229.62	
	For >10 To 50, Deduct	-1.25	
	For >50 To 100, Deduct	-7.62	
	For >100 To 250, Deduct	-15.23	
	For >250 To 500, Deduct	-24.10	
	For >500, Deduct	-32.97	
	For Hot Dipped Galvanized, Add	92.07	
06 05 23 00-0086	EA 5-1/8" Beam, 6" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC5 1/4-6).....	231.94	
	For >10 To 50, Deduct	-1.37	
	For >50 To 100, Deduct	-7.85	
	For >100 To 250, Deduct	-15.70	
	For >250 To 500, Deduct	-24.91	
	For >500, Deduct	-34.13	
	For Hot Dipped Galvanized, Add	92.07	
06 05 23 00-0087	EA 5-1/8" Beam, 8" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC5 1/4-8).....	231.94	
	For >10 To 50, Deduct	-1.37	
	For >50 To 100, Deduct	-7.85	
	For >100 To 250, Deduct	-15.70	
	For >250 To 500, Deduct	-24.91	
	For >500, Deduct	-34.13	
	For Hot Dipped Galvanized, Add	92.07	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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06 05 23 00-0088	EA 8" Beam, 4" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC84).....	280.95	
	For >10 To 50, Deduct	-1.25	
	For >50 To 100, Deduct	-8.90	
	For >100 To 250, Deduct	-17.80	
	For >250 To 500, Deduct	-27.95	
	For >500, Deduct	-38.10	
	For Hot Dipped Galvanized, Add	115.17	
06 05 23 00-0089	EA 8" Beam, 6" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC86).....	283.27	
	For >10 To 50, Deduct	-1.37	
	For >50 To 100, Deduct	-9.13	
	For >100 To 250, Deduct	-18.26	
	For >250 To 500, Deduct	-28.76	
	For >500, Deduct	-39.26	
	For Hot Dipped Galvanized, Add	115.17	
06 05 23 00-0090	EA 8" Beam, 8" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC88).....	283.27	
	For >10 To 50, Deduct	-1.37	
	For >50 To 100, Deduct	-9.13	
	For >100 To 250, Deduct	-18.26	
	For >250 To 500, Deduct	-28.76	
	For >500, Deduct	-39.26	
	For Hot Dipped Galvanized, Add	115.17	
06 05 23 00-0091	Rafter Connectors <small>(06 05 23)</small>		
06 05 23 00-0092	EA Galvanized Rigid Rafter Connector, For 2" x 6" (Simpson Strong Tie® RR).....	10.08	3.60
	For >10 To 50, Deduct	-0.40	
	For >50 To 100, Deduct	-0.85	
	For >100 To 250, Deduct	-1.71	
	For >250 To 500, Deduct	-2.96	
	For >500, Deduct	-4.22	
06 05 23 00-0093	Bolts And Fasteners <small>(06 05 23)</small>		
06 05 23 00-0094	Carriage Bolts <small>(06 05 23 00-0093)</small>		
	Note: Includes drilling of holes in any material. Includes nut and washer.		
06 05 23 00-0095	Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolts <small>(06 05 23 00-0094)</small>		
06 05 23 00-0096	EA 1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	15.43	
	For >10 To 50, Deduct	-0.76	
	For >50 To 100, Deduct	-1.52	
	For >100 To 250, Deduct	-3.04	
	For >250 To 500, Deduct	-5.32	
	For >500, Deduct	-7.59	
06 05 23 00-0097	EA 1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	15.56	
	For >10 To 50, Deduct	-0.76	
	For >50 To 100, Deduct	-1.52	
	For >100 To 250, Deduct	-3.05	
	For >250 To 500, Deduct	-5.33	
	For >500, Deduct	-7.60	
06 05 23 00-0098	EA 1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	15.65	
	For >10 To 50, Deduct	-0.76	
	For >50 To 100, Deduct	-1.53	
	For >100 To 250, Deduct	-3.05	
	For >250 To 500, Deduct	-5.33	
	For >500, Deduct	-7.61	
06 05 23 00-0099	EA 1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	18.22	
	For >10 To 50, Deduct	-0.87	
	For >50 To 100, Deduct	-1.76	
	For >100 To 250, Deduct	-3.53	
	For >250 To 500, Deduct	-6.17	
	For >500, Deduct	-8.80	
06 05 23 00-0100	EA 3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	16.95	
	For >10 To 50, Deduct	-0.81	
	For >50 To 100, Deduct	-1.64	
	For >100 To 250, Deduct	-3.29	
	For >250 To 500, Deduct	-5.75	
	For >500, Deduct	-8.21	
06 05 23 00-0101	EA 3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	18.34	
	For >10 To 50, Deduct	-0.87	
	For >50 To 100, Deduct	-1.77	
	For >100 To 250, Deduct	-3.53	
	For >250 To 500, Deduct	-6.17	
	For >500, Deduct	-8.81	
06 05 23 00-0102	EA 3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	18.56	
	For >10 To 50, Deduct	-0.87	
	For >50 To 100, Deduct	-1.77	
	For >100 To 250, Deduct	-3.55	
	For >250 To 500, Deduct	-6.19	
	For >500, Deduct	-8.84	
06 05 23 00-0103	EA 3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	22.21	
	For >10 To 50, Deduct	-1.05	
	For >50 To 100, Deduct	-2.13	
	For >100 To 250, Deduct	-4.25	
	For >250 To 500, Deduct	-7.42	
	For >500, Deduct	-10.60	

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 05 23 00-0104	EA	3/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	24.02	
		<i>For >10 To 50, Deduct</i>	-1.11	
		<i>For >50 To 100, Deduct</i>	-2.26	
		<i>For >100 To 250, Deduct</i>	-4.52	
		<i>For >250 To 500, Deduct</i>	-7.88	
		<i>For >500, Deduct</i>	-11.24	
06 05 23 00-0105	EA	3/8" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	26.98	
		<i>For >10 To 50, Deduct</i>	-1.22	
		<i>For >50 To 100, Deduct</i>	-2.51	
		<i>For >100 To 250, Deduct</i>	-5.01	
		<i>For >250 To 500, Deduct</i>	-8.74	
		<i>For >500, Deduct</i>	-12.47	
06 05 23 00-0106	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	18.80	
		<i>For >10 To 50, Deduct</i>	-0.87	
		<i>For >50 To 100, Deduct</i>	-1.78	
		<i>For >100 To 250, Deduct</i>	-3.56	
		<i>For >250 To 500, Deduct</i>	-6.21	
		<i>For >500, Deduct</i>	-8.86	
06 05 23 00-0107	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	20.52	
		<i>For >10 To 50, Deduct</i>	-0.93	
		<i>For >50 To 100, Deduct</i>	-1.91	
		<i>For >100 To 250, Deduct</i>	-3.82	
		<i>For >250 To 500, Deduct</i>	-6.66	
		<i>For >500, Deduct</i>	-9.50	
06 05 23 00-0108	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	21.87	
		<i>For >10 To 50, Deduct</i>	-0.99	
		<i>For >50 To 100, Deduct</i>	-2.03	
		<i>For >100 To 250, Deduct</i>	-4.06	
		<i>For >250 To 500, Deduct</i>	-7.08	
		<i>For >500, Deduct</i>	-10.10	
06 05 23 00-0109	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	24.50	
		<i>For >10 To 50, Deduct</i>	-1.11	
		<i>For >50 To 100, Deduct</i>	-2.27	
		<i>For >100 To 250, Deduct</i>	-4.54	
		<i>For >250 To 500, Deduct</i>	-7.92	
		<i>For >500, Deduct</i>	-11.29	
06 05 23 00-0110	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	28.75	
		<i>For >10 To 50, Deduct</i>	-1.28	
		<i>For >50 To 100, Deduct</i>	-2.64	
		<i>For >100 To 250, Deduct</i>	-5.28	
		<i>For >250 To 500, Deduct</i>	-9.19	
		<i>For >500, Deduct</i>	-13.11	
06 05 23 00-0111	EA	1/2" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	32.09	
		<i>For >10 To 50, Deduct</i>	-1.40	
		<i>For >50 To 100, Deduct</i>	-2.90	
		<i>For >100 To 250, Deduct</i>	-5.79	
		<i>For >250 To 500, Deduct</i>	-10.08	
		<i>For >500, Deduct</i>	-14.37	
06 05 23 00-0112	EA	3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	25.24	
		<i>For >10 To 50, Deduct</i>	-1.05	
		<i>For >50 To 100, Deduct</i>	-2.20	
		<i>For >100 To 250, Deduct</i>	-4.40	
		<i>For >250 To 500, Deduct</i>	-7.65	
		<i>For >500, Deduct</i>	-10.90	
06 05 23 00-0113	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	27.28	
		<i>For >10 To 50, Deduct</i>	-1.11	
		<i>For >50 To 100, Deduct</i>	-2.34	
		<i>For >100 To 250, Deduct</i>	-4.68	
		<i>For >250 To 500, Deduct</i>	-8.12	
		<i>For >500, Deduct</i>	-11.57	
06 05 23 00-0114	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	32.55	
		<i>For >10 To 50, Deduct</i>	-1.28	
		<i>For >50 To 100, Deduct</i>	-2.73	
		<i>For >100 To 250, Deduct</i>	-5.47	
		<i>For >250 To 500, Deduct</i>	-9.48	
		<i>For >500, Deduct</i>	-13.49	
06 05 23 00-0115	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	36.29	
		<i>For >10 To 50, Deduct</i>	-1.34	
		<i>For >50 To 100, Deduct</i>	-2.91	
		<i>For >100 To 250, Deduct</i>	-5.83	
		<i>For >250 To 500, Deduct</i>	-10.08	
		<i>For >500, Deduct</i>	-14.33	
06 05 23 00-0116	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	39.40	
		<i>For >10 To 50, Deduct</i>	-1.45	
		<i>For >50 To 100, Deduct</i>	-3.17	
		<i>For >100 To 250, Deduct</i>	-6.33	
		<i>For >250 To 500, Deduct</i>	-10.95	
		<i>For >500, Deduct</i>	-15.57	
06 05 23 00-0117	EA	3/4" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	40.27	
		<i>For >10 To 50, Deduct</i>	-1.51	
		<i>For >50 To 100, Deduct</i>	-3.27	
		<i>For >100 To 250, Deduct</i>	-6.55	
		<i>For >250 To 500, Deduct</i>	-11.34	
		<i>For >500, Deduct</i>	-16.12	

06 05 23 00-0118 Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolts (06 05 23 00-0094)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0119 EA 1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	15.67	
For >10 To 50, Deduct	-0.76	
For >50 To 100, Deduct	-1.53	
For >100 To 250, Deduct	-3.05	
For >250 To 500, Deduct	-5.33	
For >500, Deduct	-7.62	
06 05 23 00-0120 EA 1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	15.92	
For >10 To 50, Deduct	-0.76	
For >50 To 100, Deduct	-1.53	
For >100 To 250, Deduct	-3.06	
For >250 To 500, Deduct	-5.35	
For >500, Deduct	-7.64	
06 05 23 00-0121 EA 1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	16.20	
For >10 To 50, Deduct	-0.76	
For >50 To 100, Deduct	-1.54	
For >100 To 250, Deduct	-3.08	
For >250 To 500, Deduct	-5.37	
For >500, Deduct	-7.67	
06 05 23 00-0122 EA 1/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	19.16	
For >10 To 50, Deduct	-0.87	
For >50 To 100, Deduct	-1.79	
For >100 To 250, Deduct	-3.58	
For >250 To 500, Deduct	-6.24	
For >500, Deduct	-8.90	
06 05 23 00-0123 EA 3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	17.29	
For >10 To 50, Deduct	-0.81	
For >50 To 100, Deduct	-1.65	
For >100 To 250, Deduct	-3.31	
For >250 To 500, Deduct	-5.77	
For >500, Deduct	-8.24	
06 05 23 00-0124 EA 3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	18.87	
For >10 To 50, Deduct	-0.87	
For >50 To 100, Deduct	-1.78	
For >100 To 250, Deduct	-3.56	
For >250 To 500, Deduct	-6.21	
For >500, Deduct	-8.87	
06 05 23 00-0125 EA 3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	19.18	
For >10 To 50, Deduct	-0.87	
For >50 To 100, Deduct	-1.79	
For >100 To 250, Deduct	-3.58	
For >250 To 500, Deduct	-6.24	
For >500, Deduct	-8.90	
06 05 23 00-0126 EA 3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	23.15	
For >10 To 50, Deduct	-1.05	
For >50 To 100, Deduct	-2.15	
For >100 To 250, Deduct	-4.30	
For >250 To 500, Deduct	-7.49	
For >500, Deduct	-10.69	
06 05 23 00-0127 EA 3/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	25.07	
For >10 To 50, Deduct	-1.11	
For >50 To 100, Deduct	-2.28	
For >100 To 250, Deduct	-4.57	
For >250 To 500, Deduct	-7.96	
For >500, Deduct	-11.35	
06 05 23 00-0128 EA 3/8" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	27.97	
For >10 To 50, Deduct	-1.22	
For >50 To 100, Deduct	-2.53	
For >100 To 250, Deduct	-5.06	
For >250 To 500, Deduct	-8.81	
For >500, Deduct	-12.57	
06 05 23 00-0129 EA 1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	19.59	
For >10 To 50, Deduct	-0.87	
For >50 To 100, Deduct	-1.80	
For >100 To 250, Deduct	-3.60	
For >250 To 500, Deduct	-6.27	
For >500, Deduct	-8.94	
06 05 23 00-0130 EA 1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	21.15	
For >10 To 50, Deduct	-0.93	
For >50 To 100, Deduct	-1.92	
For >100 To 250, Deduct	-3.85	
For >250 To 500, Deduct	-6.70	
For >500, Deduct	-9.56	
06 05 23 00-0131 EA 1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	22.60	
For >10 To 50, Deduct	-0.99	
For >50 To 100, Deduct	-2.05	
For >100 To 250, Deduct	-4.10	
For >250 To 500, Deduct	-7.13	
For >500, Deduct	-10.17	
06 05 23 00-0132 EA 1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	25.57	
For >10 To 50, Deduct	-1.11	
For >50 To 100, Deduct	-2.30	
For >100 To 250, Deduct	-4.59	
For >250 To 500, Deduct	-8.00	
For >500, Deduct	-11.40	
06 05 23 00-0133 EA 1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	29.79	
For >10 To 50, Deduct	-1.28	
For >50 To 100, Deduct	-2.66	
For >100 To 250, Deduct	-5.33	
For >250 To 500, Deduct	-9.27	
For >500, Deduct	-13.22	

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0134	EA		1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	32.89	
			<i>For >10 To 50, Deduct</i>	-1.40	
			<i>For >50 To 100, Deduct</i>	-2.92	
			<i>For >100 To 250, Deduct</i>	-5.83	
			<i>For >250 To 500, Deduct</i>	-10.14	
			<i>For >500, Deduct</i>	-14.45	
06 05 23 00-0135	EA		3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	27.63	
			<i>For >10 To 50, Deduct</i>	-1.05	
			<i>For >50 To 100, Deduct</i>	-2.26	
			<i>For >100 To 250, Deduct</i>	-4.52	
			<i>For >250 To 500, Deduct</i>	-7.83	
			<i>For >500, Deduct</i>	-11.14	
06 05 23 00-0136	EA		3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	28.93	
			<i>For >10 To 50, Deduct</i>	-1.11	
			<i>For >50 To 100, Deduct</i>	-2.38	
			<i>For >100 To 250, Deduct</i>	-4.76	
			<i>For >250 To 500, Deduct</i>	-8.25	
			<i>For >500, Deduct</i>	-11.73	
06 05 23 00-0137	EA		3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	33.73	
			<i>For >10 To 50, Deduct</i>	-1.28	
			<i>For >50 To 100, Deduct</i>	-2.76	
			<i>For >100 To 250, Deduct</i>	-5.53	
			<i>For >250 To 500, Deduct</i>	-9.57	
			<i>For >500, Deduct</i>	-13.61	
06 05 23 00-0138	EA		3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	36.20	
			<i>For >10 To 50, Deduct</i>	-1.34	
			<i>For >50 To 100, Deduct</i>	-2.91	
			<i>For >100 To 250, Deduct</i>	-5.82	
			<i>For >250 To 500, Deduct</i>	-10.07	
			<i>For >500, Deduct</i>	-14.32	
06 05 23 00-0139	EA		3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	40.94	
			<i>For >10 To 50, Deduct</i>	-1.45	
			<i>For >50 To 100, Deduct</i>	-3.20	
			<i>For >100 To 250, Deduct</i>	-6.41	
			<i>For >250 To 500, Deduct</i>	-11.07	
			<i>For >500, Deduct</i>	-15.73	
06 05 23 00-0140	EA		3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	43.47	
			<i>For >10 To 50, Deduct</i>	-1.51	
			<i>For >50 To 100, Deduct</i>	-3.35	
			<i>For >100 To 250, Deduct</i>	-6.71	
			<i>For >250 To 500, Deduct</i>	-11.58	
			<i>For >500, Deduct</i>	-16.44	
06 05 23 00-0141			304/18-8 Stainless Steel, Carriage Bolts <small>(06 05 23 00-0094)</small>		
06 05 23 00-0142	EA		1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	17.02	
			<i>For >10 To 50, Deduct</i>	-0.76	
			<i>For >50 To 100, Deduct</i>	-1.56	
			<i>For >100 To 250, Deduct</i>	-3.12	
			<i>For >250 To 500, Deduct</i>	-5.43	
			<i>For >500, Deduct</i>	-7.75	
06 05 23 00-0143	EA		1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	19.10	
			<i>For >10 To 50, Deduct</i>	-0.76	
			<i>For >50 To 100, Deduct</i>	-1.61	
			<i>For >100 To 250, Deduct</i>	-3.22	
			<i>For >250 To 500, Deduct</i>	-5.59	
			<i>For >500, Deduct</i>	-7.96	
06 05 23 00-0144	EA		1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	20.46	
			<i>For >10 To 50, Deduct</i>	-0.76	
			<i>For >50 To 100, Deduct</i>	-1.65	
			<i>For >100 To 250, Deduct</i>	-3.29	
			<i>For >250 To 500, Deduct</i>	-5.69	
			<i>For >500, Deduct</i>	-8.09	
06 05 23 00-0145	EA		1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	37.44	
			<i>For >10 To 50, Deduct</i>	-0.87	
			<i>For >50 To 100, Deduct</i>	-2.24	
			<i>For >100 To 250, Deduct</i>	-4.49	
			<i>For >250 To 500, Deduct</i>	-7.61	
			<i>For >500, Deduct</i>	-10.72	
06 05 23 00-0146	EA		3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	20.11	
			<i>For >10 To 50, Deduct</i>	-0.81	
			<i>For >50 To 100, Deduct</i>	-1.72	
			<i>For >100 To 250, Deduct</i>	-3.45	
			<i>For >250 To 500, Deduct</i>	-5.99	
			<i>For >500, Deduct</i>	-8.52	
06 05 23 00-0147	EA		3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	24.29	
			<i>For >10 To 50, Deduct</i>	-0.87	
			<i>For >50 To 100, Deduct</i>	-1.92	
			<i>For >100 To 250, Deduct</i>	-3.83	
			<i>For >250 To 500, Deduct</i>	-6.62	
			<i>For >500, Deduct</i>	-9.41	
06 05 23 00-0148	EA		3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	24.94	
			<i>For >10 To 50, Deduct</i>	-0.87	
			<i>For >50 To 100, Deduct</i>	-1.93	
			<i>For >100 To 250, Deduct</i>	-3.86	
			<i>For >250 To 500, Deduct</i>	-6.67	
			<i>For >500, Deduct</i>	-9.47	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0149 EA 3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	50.13	
For >10 To 50, Deduct	-1.05	
For >50 To 100, Deduct	-2.82	
For >100 To 250, Deduct	-5.65	
For >250 To 500, Deduct	-9.52	
For >500, Deduct	-13.39	
06 05 23 00-0150 EA 3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	62.12	
For >10 To 50, Deduct	-1.11	
For >50 To 100, Deduct	-3.21	
For >100 To 250, Deduct	-6.42	
For >250 To 500, Deduct	-10.74	
For >500, Deduct	-15.05	
06 05 23 00-0151 EA 3/8" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	69.70	
For >10 To 50, Deduct	-1.22	
For >50 To 100, Deduct	-3.57	
For >100 To 250, Deduct	-7.15	
For >250 To 500, Deduct	-11.94	
For >500, Deduct	-16.74	
06 05 23 00-0152 EA 1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	26.72	
For >10 To 50, Deduct	-0.87	
For >50 To 100, Deduct	-1.98	
For >100 To 250, Deduct	-3.95	
For >250 To 500, Deduct	-6.80	
For >500, Deduct	-9.65	
06 05 23 00-0153 EA 1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	30.78	
For >10 To 50, Deduct	-0.93	
For >50 To 100, Deduct	-2.17	
For >100 To 250, Deduct	-4.33	
For >250 To 500, Deduct	-7.43	
For >500, Deduct	-10.52	
06 05 23 00-0154 EA 1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	38.26	
For >10 To 50, Deduct	-0.99	
For >50 To 100, Deduct	-2.44	
For >100 To 250, Deduct	-4.88	
For >250 To 500, Deduct	-8.31	
For >500, Deduct	-11.73	
06 05 23 00-0155 EA 1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	64.03	
For >10 To 50, Deduct	-1.11	
For >50 To 100, Deduct	-3.26	
For >100 To 250, Deduct	-6.52	
For >250 To 500, Deduct	-10.88	
For >500, Deduct	-15.24	
06 05 23 00-0156 EA 1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	72.11	
For >10 To 50, Deduct	-1.28	
For >50 To 100, Deduct	-3.72	
For >100 To 250, Deduct	-7.44	
For >250 To 500, Deduct	-12.45	
For >500, Deduct	-17.45	
06 05 23 00-0157 EA 1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	117.42	
For >10 To 50, Deduct	-1.40	
For >50 To 100, Deduct	-5.03	
For >100 To 250, Deduct	-10.06	
For >250 To 500, Deduct	-16.48	
For >500, Deduct	-22.91	
06 05 23 00-0158 EA 3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	91.05	
For >10 To 50, Deduct	-1.11	
For >50 To 100, Deduct	-3.93	
For >100 To 250, Deduct	-7.87	
For >250 To 500, Deduct	-12.91	
For >500, Deduct	-17.95	
06 05 23 00-0159 EA 3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	130.88	
For >10 To 50, Deduct	-1.28	
For >50 To 100, Deduct	-5.19	
For >100 To 250, Deduct	-10.38	
For >250 To 500, Deduct	-16.85	
For >500, Deduct	-23.32	
06 05 23 00-0160 EA 3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	145.59	
For >10 To 50, Deduct	-1.34	
For >50 To 100, Deduct	-5.65	
For >100 To 250, Deduct	-11.29	
For >250 To 500, Deduct	-18.28	
For >500, Deduct	-25.26	
06 05 23 00-0161 EA 3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	218.47	
For >10 To 50, Deduct	-1.45	
For >50 To 100, Deduct	-7.64	
For >100 To 250, Deduct	-15.29	
For >250 To 500, Deduct	-24.38	
For >500, Deduct	-33.48	
06 05 23 00-0162 EA 3/4" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	229.92	
For >10 To 50, Deduct	-1.51	
For >50 To 100, Deduct	-8.02	
For >100 To 250, Deduct	-16.03	
For >250 To 500, Deduct	-25.56	
For >500, Deduct	-35.09	

06 05 23 00-0163 316 Stainless Steel, Carriage Bolts (06 05 23 00-0094)

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 05 23 00-0164	EA	1/4" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt.....	26.63
		<i>For >10 To 50, Deduct</i>	-0.76
		<i>For >50 To 100, Deduct</i>	-1.80
		<i>For >100 To 250, Deduct</i>	-3.60
		<i>For >250 To 500, Deduct</i>	-6.16
		<i>For >500, Deduct</i>	-8.71
06 05 23 00-0165	EA	1/4" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt.....	30.28
		<i>For >10 To 50, Deduct</i>	-0.76
		<i>For >50 To 100, Deduct</i>	-1.89
		<i>For >100 To 250, Deduct</i>	-3.78
		<i>For >250 To 500, Deduct</i>	-6.43
		<i>For >500, Deduct</i>	-9.08
06 05 23 00-0166	EA	3/8" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt.....	32.68
		<i>For >10 To 50, Deduct</i>	-0.81
		<i>For >50 To 100, Deduct</i>	-2.04
		<i>For >100 To 250, Deduct</i>	-4.08
		<i>For >250 To 500, Deduct</i>	-6.93
		<i>For >500, Deduct</i>	-9.78
06 05 23 00-0167	EA	3/8" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt.....	38.92
		<i>For >10 To 50, Deduct</i>	-0.87
		<i>For >50 To 100, Deduct</i>	-2.28
		<i>For >100 To 250, Deduct</i>	-4.56
		<i>For >250 To 500, Deduct</i>	-7.72
		<i>For >500, Deduct</i>	-10.87
06 05 23 00-0168	EA	1/2" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt.....	55.16
		<i>For >10 To 50, Deduct</i>	-0.87
		<i>For >50 To 100, Deduct</i>	-2.69
		<i>For >100 To 250, Deduct</i>	-5.38
		<i>For >250 To 500, Deduct</i>	-8.94
		<i>For >500, Deduct</i>	-12.50
06 05 23 00-0169	EA	1/2" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt.....	60.26
		<i>For >10 To 50, Deduct</i>	-0.93
		<i>For >50 To 100, Deduct</i>	-2.90
		<i>For >100 To 250, Deduct</i>	-5.80
		<i>For >250 To 500, Deduct</i>	-9.64
		<i>For >500, Deduct</i>	-13.47
06 05 23 00-0170	EA	1/2" Diameter x 6" Length, 316 Stainless Steel, Carriage Bolt.....	65.04
		<i>For >10 To 50, Deduct</i>	-0.99
		<i>For >50 To 100, Deduct</i>	-3.11
		<i>For >100 To 250, Deduct</i>	-6.22
		<i>For >250 To 500, Deduct</i>	-10.31
		<i>For >500, Deduct</i>	-14.41

06 05 23 00-0171 Hex Lag Bolts (06 05 23 00-0093)

Note: Includes drilling of holes in any material.

06 05 23 00-0172 Zinc Plated Steel, Hex Lag Bolts (06 05 23 00-0171)

06 05 23 00-0173	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt.....	14.73
		<i>For >10 To 50, Deduct</i>	-0.73
		<i>For >50 To 100, Deduct</i>	-1.46
		<i>For >100 To 250, Deduct</i>	-2.92
		<i>For >250 To 500, Deduct</i>	-5.10
		<i>For >500, Deduct</i>	-7.29
06 05 23 00-0174	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt.....	14.85
		<i>For >10 To 50, Deduct</i>	-0.73
		<i>For >50 To 100, Deduct</i>	-1.46
		<i>For >100 To 250, Deduct</i>	-2.92
		<i>For >250 To 500, Deduct</i>	-5.11
		<i>For >500, Deduct</i>	-7.30
06 05 23 00-0175	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt.....	15.08
		<i>For >10 To 50, Deduct</i>	-0.73
		<i>For >50 To 100, Deduct</i>	-1.47
		<i>For >100 To 250, Deduct</i>	-2.94
		<i>For >250 To 500, Deduct</i>	-5.13
		<i>For >500, Deduct</i>	-7.32
06 05 23 00-0176	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt.....	16.21
		<i>For >10 To 50, Deduct</i>	-0.79
		<i>For >50 To 100, Deduct</i>	-1.59
		<i>For >100 To 250, Deduct</i>	-3.19
		<i>For >250 To 500, Deduct</i>	-5.57
		<i>For >500, Deduct</i>	-7.96
06 05 23 00-0177	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt.....	17.57
		<i>For >10 To 50, Deduct</i>	-0.85
		<i>For >50 To 100, Deduct</i>	-1.71
		<i>For >100 To 250, Deduct</i>	-3.43
		<i>For >250 To 500, Deduct</i>	-5.99
		<i>For >500, Deduct</i>	-8.55
06 05 23 00-0178	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt.....	17.83
		<i>For >10 To 50, Deduct</i>	-0.85
		<i>For >50 To 100, Deduct</i>	-1.72
		<i>For >100 To 250, Deduct</i>	-3.44
		<i>For >250 To 500, Deduct</i>	-6.01
		<i>For >500, Deduct</i>	-8.58
06 05 23 00-0179	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt.....	21.76
		<i>For >10 To 50, Deduct</i>	-1.02
		<i>For >50 To 100, Deduct</i>	-2.07
		<i>For >100 To 250, Deduct</i>	-4.14
		<i>For >250 To 500, Deduct</i>	-7.23
		<i>For >500, Deduct</i>	-10.32

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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06 05 23 00-0180	EA 3/8" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt.....	23.04	
	For >10 To 50, Deduct	-1.08	
	For >50 To 100, Deduct	-2.19	
	For >100 To 250, Deduct	-4.38	
	For >250 To 500, Deduct	-7.64	
	For >500, Deduct	-10.90	
06 05 23 00-0181	EA 1/2" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt	17.87	
	For >10 To 50, Deduct	-0.86	
	For >50 To 100, Deduct	-1.73	
	For >100 To 250, Deduct	-3.46	
	For >250 To 500, Deduct	-6.05	
	For >500, Deduct	-8.63	
06 05 23 00-0182	EA 1/2" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	19.38	
	For >10 To 50, Deduct	-0.91	
	For >50 To 100, Deduct	-1.85	
	For >100 To 250, Deduct	-3.71	
	For >250 To 500, Deduct	-6.47	
	For >500, Deduct	-9.23	
06 05 23 00-0183	EA 1/2" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	21.00	
	For >10 To 50, Deduct	-0.97	
	For >50 To 100, Deduct	-1.98	
	For >100 To 250, Deduct	-3.96	
	For >250 To 500, Deduct	-6.90	
	For >500, Deduct	-9.85	
06 05 23 00-0184	EA 1/2" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt	23.85	
	For >10 To 50, Deduct	-1.08	
	For >50 To 100, Deduct	-2.22	
	For >100 To 250, Deduct	-4.44	
	For >250 To 500, Deduct	-7.75	
	For >500, Deduct	-11.05	
06 05 23 00-0185	EA 1/2" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt.....	28.03	
	For >10 To 50, Deduct	-1.25	
	For >50 To 100, Deduct	-2.58	
	For >100 To 250, Deduct	-5.17	
	For >250 To 500, Deduct	-9.00	
	For >500, Deduct	-12.84	
06 05 23 00-0186	EA 1/2" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt.....	30.59	
	For >10 To 50, Deduct	-1.37	
	For >50 To 100, Deduct	-2.82	
	For >100 To 250, Deduct	-5.64	
	For >250 To 500, Deduct	-9.82	
	For >500, Deduct	-14.01	
06 05 23 00-0187	EA 3/4" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	25.44	
	For >10 To 50, Deduct	-1.08	
	For >50 To 100, Deduct	-2.26	
	For >100 To 250, Deduct	-4.52	
	For >250 To 500, Deduct	-7.86	
	For >500, Deduct	-11.21	
06 05 23 00-0188	EA 3/4" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	30.24	
	For >10 To 50, Deduct	-1.25	
	For >50 To 100, Deduct	-2.64	
	For >100 To 250, Deduct	-5.28	
	For >250 To 500, Deduct	-9.17	
	For >500, Deduct	-13.06	
06 05 23 00-0189	EA 3/4" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt	33.18	
	For >10 To 50, Deduct	-1.31	
	For >50 To 100, Deduct	-2.80	
	For >100 To 250, Deduct	-5.59	
	For >250 To 500, Deduct	-9.70	
	For >500, Deduct	-13.81	
06 05 23 00-0190	EA 3/4" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt.....	37.13	
	For >10 To 50, Deduct	-1.43	
	For >50 To 100, Deduct	-3.07	
	For >100 To 250, Deduct	-6.13	
	For >250 To 500, Deduct	-10.63	
	For >500, Deduct	-15.12	
06 05 23 00-0191	EA 3/4" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt.....	41.18	
	For >10 To 50, Deduct	-1.48	
	For >50 To 100, Deduct	-3.25	
	For >100 To 250, Deduct	-6.51	
	For >250 To 500, Deduct	-11.24	
	For >500, Deduct	-15.97	
06 05 23 00-0192	Hot Dipped Galvanized Steel, Hex Lag Bolts <small>(06 05 23 00-0171)</small>		
06 05 23 00-0193	EA 1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	14.78	
	For >10 To 50, Deduct	-0.73	
	For >50 To 100, Deduct	-1.46	
	For >100 To 250, Deduct	-2.92	
	For >250 To 500, Deduct	-5.11	
	For >500, Deduct	-7.29	
06 05 23 00-0194	EA 1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	14.96	
	For >10 To 50, Deduct	-0.73	
	For >50 To 100, Deduct	-1.46	
	For >100 To 250, Deduct	-2.93	
	For >250 To 500, Deduct	-5.12	
	For >500, Deduct	-7.31	

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
06 05 23 00-0195	EA 1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	15.15	
	<i>For >10 To 50, Deduct</i>	-0.73	
	<i>For >50 To 100, Deduct</i>	-1.47	
	<i>For >100 To 250, Deduct</i>	-2.94	
	<i>For >250 To 500, Deduct</i>	-5.13	
	<i>For >500, Deduct</i>	-7.33	
06 05 23 00-0196	EA 3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	16.31	
	<i>For >10 To 50, Deduct</i>	-0.79	
	<i>For >50 To 100, Deduct</i>	-1.60	
	<i>For >100 To 250, Deduct</i>	-3.19	
	<i>For >250 To 500, Deduct</i>	-5.58	
	<i>For >500, Deduct</i>	-7.97	
06 05 23 00-0197	EA 3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	17.72	
	<i>For >10 To 50, Deduct</i>	-0.85	
	<i>For >50 To 100, Deduct</i>	-1.72	
	<i>For >100 To 250, Deduct</i>	-3.43	
	<i>For >250 To 500, Deduct</i>	-6.00	
	<i>For >500, Deduct</i>	-8.56	
06 05 23 00-0198	EA 3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	18.02	
	<i>For >10 To 50, Deduct</i>	-0.85	
	<i>For >50 To 100, Deduct</i>	-1.72	
	<i>For >100 To 250, Deduct</i>	-3.45	
	<i>For >250 To 500, Deduct</i>	-6.02	
	<i>For >500, Deduct</i>	-8.59	
06 05 23 00-0199	EA 3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	22.11	
	<i>For >10 To 50, Deduct</i>	-1.02	
	<i>For >50 To 100, Deduct</i>	-2.08	
	<i>For >100 To 250, Deduct</i>	-4.16	
	<i>For >250 To 500, Deduct</i>	-7.26	
	<i>For >500, Deduct</i>	-10.36	
06 05 23 00-0200	EA 3/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	23.63	
	<i>For >10 To 50, Deduct</i>	-1.08	
	<i>For >50 To 100, Deduct</i>	-2.20	
	<i>For >100 To 250, Deduct</i>	-4.41	
	<i>For >250 To 500, Deduct</i>	-7.68	
	<i>For >500, Deduct</i>	-10.96	
06 05 23 00-0201	EA 1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	18.14	
	<i>For >10 To 50, Deduct</i>	-0.86	
	<i>For >50 To 100, Deduct</i>	-1.74	
	<i>For >100 To 250, Deduct</i>	-3.47	
	<i>For >250 To 500, Deduct</i>	-6.07	
	<i>For >500, Deduct</i>	-8.66	
06 05 23 00-0202	EA 1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	19.52	
	<i>For >10 To 50, Deduct</i>	-0.91	
	<i>For >50 To 100, Deduct</i>	-1.86	
	<i>For >100 To 250, Deduct</i>	-3.71	
	<i>For >250 To 500, Deduct</i>	-6.48	
	<i>For >500, Deduct</i>	-9.25	
06 05 23 00-0203	EA 1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	21.27	
	<i>For >10 To 50, Deduct</i>	-0.97	
	<i>For >50 To 100, Deduct</i>	-1.99	
	<i>For >100 To 250, Deduct</i>	-3.97	
	<i>For >250 To 500, Deduct</i>	-6.92	
	<i>For >500, Deduct</i>	-9.88	
06 05 23 00-0204	EA 1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	24.65	
	<i>For >10 To 50, Deduct</i>	-1.08	
	<i>For >50 To 100, Deduct</i>	-2.24	
	<i>For >100 To 250, Deduct</i>	-4.48	
	<i>For >250 To 500, Deduct</i>	-7.81	
	<i>For >500, Deduct</i>	-11.13	
06 05 23 00-0205	EA 1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	28.42	
	<i>For >10 To 50, Deduct</i>	-1.25	
	<i>For >50 To 100, Deduct</i>	-2.59	
	<i>For >100 To 250, Deduct</i>	-5.18	
	<i>For >250 To 500, Deduct</i>	-9.03	
	<i>For >500, Deduct</i>	-12.88	
06 05 23 00-0206	EA 1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	31.55	
	<i>For >10 To 50, Deduct</i>	-1.37	
	<i>For >50 To 100, Deduct</i>	-2.84	
	<i>For >100 To 250, Deduct</i>	-5.68	
	<i>For >250 To 500, Deduct</i>	-9.89	
	<i>For >500, Deduct</i>	-14.10	
06 05 23 00-0207	EA 3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	26.03	
	<i>For >10 To 50, Deduct</i>	-1.08	
	<i>For >50 To 100, Deduct</i>	-2.28	
	<i>For >100 To 250, Deduct</i>	-4.55	
	<i>For >250 To 500, Deduct</i>	-7.91	
	<i>For >500, Deduct</i>	-11.27	
06 05 23 00-0208	EA 3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	30.78	
	<i>For >10 To 50, Deduct</i>	-1.25	
	<i>For >50 To 100, Deduct</i>	-2.65	
	<i>For >100 To 250, Deduct</i>	-5.30	
	<i>For >250 To 500, Deduct</i>	-9.21	
	<i>For >500, Deduct</i>	-13.11	
06 05 23 00-0209	EA 3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	34.09	
	<i>For >10 To 50, Deduct</i>	-1.31	
	<i>For >50 To 100, Deduct</i>	-2.82	
	<i>For >100 To 250, Deduct</i>	-5.64	
	<i>For >250 To 500, Deduct</i>	-9.77	
	<i>For >500, Deduct</i>	-13.90	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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06 05 23 00-0210	EA 3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	39.27	
	For >10 To 50, Deduct	-1.43	
	For >50 To 100, Deduct	-3.12	
	For >100 To 250, Deduct	-6.24	
	For >250 To 500, Deduct	-10.79	
	For >500, Deduct	-15.33	
06 05 23 00-0211	EA 3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	43.46	
	For >10 To 50, Deduct	-1.48	
	For >50 To 100, Deduct	-3.31	
	For >100 To 250, Deduct	-6.62	
	For >250 To 500, Deduct	-11.41	
	For >500, Deduct	-16.20	
06 05 23 00-0212	304/18-8 Stainless Steel, Hex Lag Bolts <small>(06 05 23 00-0171)</small>		
06 05 23 00-0213	EA 1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	15.85	
	For >10 To 50, Deduct	-0.73	
	For >50 To 100, Deduct	-1.49	
	For >100 To 250, Deduct	-2.97	
	For >250 To 500, Deduct	-5.19	
	For >500, Deduct	-7.40	
06 05 23 00-0214	EA 1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	16.82	
	For >10 To 50, Deduct	-0.73	
	For >50 To 100, Deduct	-1.51	
	For >100 To 250, Deduct	-3.02	
	For >250 To 500, Deduct	-5.26	
	For >500, Deduct	-7.50	
06 05 23 00-0215	EA 1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	19.47	
	For >10 To 50, Deduct	-0.73	
	For >50 To 100, Deduct	-1.58	
	For >100 To 250, Deduct	-3.15	
	For >250 To 500, Deduct	-5.46	
	For >500, Deduct	-7.76	
06 05 23 00-0216	EA 3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	19.19	
	For >10 To 50, Deduct	-0.79	
	For >50 To 100, Deduct	-1.67	
	For >100 To 250, Deduct	-3.34	
	For >250 To 500, Deduct	-5.80	
	For >500, Deduct	-8.26	
06 05 23 00-0217	EA 3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	21.80	
	For >10 To 50, Deduct	-0.85	
	For >50 To 100, Deduct	-1.82	
	For >100 To 250, Deduct	-3.64	
	For >250 To 500, Deduct	-6.30	
	For >500, Deduct	-8.97	
06 05 23 00-0218	EA 3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	23.49	
	For >10 To 50, Deduct	-0.85	
	For >50 To 100, Deduct	-1.86	
	For >100 To 250, Deduct	-3.72	
	For >250 To 500, Deduct	-6.43	
	For >500, Deduct	-9.14	
06 05 23 00-0219	EA 3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	50.46	
	For >10 To 50, Deduct	-1.02	
	For >50 To 100, Deduct	-2.79	
	For >100 To 250, Deduct	-5.58	
	For >250 To 500, Deduct	-9.39	
	For >500, Deduct	-13.19	
06 05 23 00-0220	EA 3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	72.23	
	For >10 To 50, Deduct	-1.08	
	For >50 To 100, Deduct	-3.42	
	For >100 To 250, Deduct	-6.84	
	For >250 To 500, Deduct	-11.33	
	For >500, Deduct	-15.82	
06 05 23 00-0221	EA 1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	23.68	
	For >10 To 50, Deduct	-0.86	
	For >50 To 100, Deduct	-1.88	
	For >100 To 250, Deduct	-3.75	
	For >250 To 500, Deduct	-6.48	
	For >500, Deduct	-9.21	
06 05 23 00-0222	EA 1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	28.34	
	For >10 To 50, Deduct	-0.91	
	For >50 To 100, Deduct	-2.08	
	For >100 To 250, Deduct	-4.15	
	For >250 To 500, Deduct	-7.14	
	For >500, Deduct	-10.13	
06 05 23 00-0223	EA 1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	35.58	
	For >10 To 50, Deduct	-0.97	
	For >50 To 100, Deduct	-2.34	
	For >100 To 250, Deduct	-4.69	
	For >250 To 500, Deduct	-8.00	
	For >500, Deduct	-11.31	
06 05 23 00-0224	EA 1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	77.17	
	For >10 To 50, Deduct	-1.08	
	For >50 To 100, Deduct	-3.55	
	For >100 To 250, Deduct	-7.11	
	For >250 To 500, Deduct	-11.74	
	For >500, Deduct	-16.38	

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 05 23 00-0225	EA	1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	105.86
		<i>For >10 To 50, Deduct</i>	-1.25
		<i>For >50 To 100, Deduct</i>	-4.53
		<i>For >100 To 250, Deduct</i>	-9.06
		<i>For >250 To 500, Deduct</i>	-14.84
		<i>For >500, Deduct</i>	-20.62
06 05 23 00-0226	EA	1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	124.02
		<i>For >10 To 50, Deduct</i>	-1.37
		<i>For >50 To 100, Deduct</i>	-5.15
		<i>For >100 To 250, Deduct</i>	-10.31
		<i>For >250 To 500, Deduct</i>	-16.83
		<i>For >500, Deduct</i>	-23.35
06 05 23 00-0227	EA	3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	115.74
		<i>For >10 To 50, Deduct</i>	-1.08
		<i>For >50 To 100, Deduct</i>	-4.52
		<i>For >100 To 250, Deduct</i>	-9.04
		<i>For >250 To 500, Deduct</i>	-14.64
		<i>For >500, Deduct</i>	-20.24
06 05 23 00-0228	EA	3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	132.25
		<i>For >10 To 50, Deduct</i>	-1.25
		<i>For >50 To 100, Deduct</i>	-5.19
		<i>For >100 To 250, Deduct</i>	-10.38
		<i>For >250 To 500, Deduct</i>	-16.82
		<i>For >500, Deduct</i>	-23.26
06 05 23 00-0229	EA	3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	137.58
		<i>For >10 To 50, Deduct</i>	-1.31
		<i>For >50 To 100, Deduct</i>	-5.41
		<i>For >100 To 250, Deduct</i>	-10.81
		<i>For >250 To 500, Deduct</i>	-17.53
		<i>For >500, Deduct</i>	-24.25
06 05 23 00-0230	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	192.09
		<i>For >10 To 50, Deduct</i>	-1.43
		<i>For >50 To 100, Deduct</i>	-6.94
		<i>For >100 To 250, Deduct</i>	-13.88
		<i>For >250 To 500, Deduct</i>	-22.25
		<i>For >500, Deduct</i>	-30.61
06 05 23 00-0231	EA	3/4" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	209.87
		<i>For >10 To 50, Deduct</i>	-1.48
		<i>For >50 To 100, Deduct</i>	-7.47
		<i>For >100 To 250, Deduct</i>	-14.94
		<i>For >250 To 500, Deduct</i>	-23.89
		<i>For >500, Deduct</i>	-32.84

06 05 23 00-0232 Stainless Steel Screws (06 05 23 00-0093)

06 05 23 00-0233	EA	#8 x 1-1/2" Stainless Steel Screw.....	2.29
06 05 23 00-0234	EA	#9 x 1-1/2" Stainless Steel Screw.....	2.32
06 05 23 00-0235	EA	#10 x 1-1/2" Stainless Steel Screw.....	2.39
06 05 23 00-0236	EA	#12 x 1-1/2" Stainless Steel Screw.....	2.57

06 05 23 00-0237 Galvanized Steel Screws (06 05 23 00-0093)

06 05 23 00-0238	EA	#8 x 1-1/2" Galvanized Steel Screw.....	2.12
06 05 23 00-0239	EA	#9 x 1-1/2" Galvanized Steel Screw.....	2.16
06 05 23 00-0240	EA	#10 x 1-1/2" Galvanized Steel Screw.....	2.21
06 05 23 00-0241	EA	#12 x 1-1/2" Galvanized Steel Screw.....	2.36
06 05 23 00-0242	EA	#8 x 2-1/2" Galvanized Steel Screw.....	2.16
06 05 23 00-0243	EA	#9 x 2-1/2" Galvanized Steel Screw.....	2.19
06 05 23 00-0244	EA	#10 x 2-1/2" Galvanized Steel Screw.....	2.25
06 05 23 00-0245	EA	#12 x 2-1/2" Galvanized Steel Screw.....	2.44

06 05 23 00-0246 Timber Bolts (06 05 23 00-0093)

Note: Includes drilling of holes in any material.

06 05 23 00-0247	EA	5/8" - 11 x 4" Threaded x 8" OAL A153 Galvanized Timber Bolt (Fastenal #11103914).....	36.84
		<i>For >10 To 50, Deduct</i>	-1.21
		<i>For >50 To 100, Deduct</i>	-2.73
		<i>For >100 To 250, Deduct</i>	-5.46
		<i>For >250 To 500, Deduct</i>	-9.39
		<i>For >500, Deduct</i>	-13.32
06 05 23 00-0248	EA	5/8" - 11 x 4" Threaded x 10" OAL A153 Galvanized Timber Bolt (Fastenal #11103915).....	41.64
		<i>For >10 To 50, Deduct</i>	-1.35
		<i>For >50 To 100, Deduct</i>	-3.06
		<i>For >100 To 250, Deduct</i>	-6.13
		<i>For >250 To 500, Deduct</i>	-10.54
		<i>For >500, Deduct</i>	-14.96
06 05 23 00-0249	EA	5/8" - 11 x 6" Threaded x 12" OAL A153 Galvanized Timber Bolt (Fastenal #11103916).....	44.98
		<i>For >10 To 50, Deduct</i>	-1.44
		<i>For >50 To 100, Deduct</i>	-3.28
		<i>For >100 To 250, Deduct</i>	-6.56
		<i>For >250 To 500, Deduct</i>	-11.28
		<i>For >500, Deduct</i>	-15.99
06 05 23 00-0250	EA	5/8" - 11 x 6" Threaded x 14" OAL A153 Galvanized Timber Bolt (Fastenal #11103917).....	50.14
		<i>For >10 To 50, Deduct</i>	-1.52
		<i>For >50 To 100, Deduct</i>	-3.53
		<i>For >100 To 250, Deduct</i>	-7.06
		<i>For >250 To 500, Deduct</i>	-12.12
		<i>For >500, Deduct</i>	-17.17

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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06 05 23 00-0251	EA	5/8" - 11 x 6" Threaded x 16" OAL A153 Galvanized Timber Bolt (Fastenal #11103918)	53.37	
		For >10 To 50, Deduct	-1.60	
		For >50 To 100, Deduct	-3.74	
		For >100 To 250, Deduct	-7.47	
		For >250 To 500, Deduct	-12.81	
		For >500, Deduct	-18.15	
06 05 23 00-0252	EA	5/8" - 11 x 6" Threaded x 18" OAL A153 Galvanized Timber Bolt (Fastenal #11103919)	55.41	
		For >10 To 50, Deduct	-1.67	
		For >50 To 100, Deduct	-3.89	
		For >100 To 250, Deduct	-7.78	
		For >250 To 500, Deduct	-13.35	
		For >500, Deduct	-18.91	
06 05 23 00-0253	EA	3/4" - 11 x 4" Threaded x 10" OAL A153 Galvanized Timber Bolt (Fastenal #11103920)	49.72	
		For >10 To 50, Deduct	-1.44	
		For >50 To 100, Deduct	-3.40	
		For >100 To 250, Deduct	-6.80	
		For >250 To 500, Deduct	-11.63	
		For >500, Deduct	-16.47	
06 05 23 00-0254	EA	3/4" - 11 x 6" Threaded x 12" OAL A153 Galvanized Timber Bolt (Fastenal #11103921)	52.01	
		For >10 To 50, Deduct	-1.50	
		For >50 To 100, Deduct	-3.54	
		For >100 To 250, Deduct	-7.09	
		For >250 To 500, Deduct	-12.13	
		For >500, Deduct	-17.17	
06 05 23 00-0255	EA	3/4" - 11 x 6" Threaded x 14" OAL A153 Galvanized Timber Bolt (Fastenal #11103922)	57.62	
		For >10 To 50, Deduct	-1.58	
		For >50 To 100, Deduct	-3.82	
		For >100 To 250, Deduct	-7.63	
		For >250 To 500, Deduct	-13.03	
		For >500, Deduct	-18.43	
06 05 23 00-0256	EA	3/4" - 11 x 6" Threaded x 16" OAL A153 Galvanized Timber Bolt (Fastenal #11103923)	61.87	
		For >10 To 50, Deduct	-1.67	
		For >50 To 100, Deduct	-4.05	
		For >100 To 250, Deduct	-8.09	
		For >250 To 500, Deduct	-13.80	
		For >500, Deduct	-19.51	
06 05 23 00-0257	EA	3/4" - 11 x 6" Threaded x 18" OAL A153 Galvanized Timber Bolt (Fastenal #11103924)	66.50	
		For >10 To 50, Deduct	-1.75	
		For >50 To 100, Deduct	-4.28	
		For >100 To 250, Deduct	-8.57	
		For >250 To 500, Deduct	-14.60	
		For >500, Deduct	-20.63	

06 05 23 00-0258 Supports (06 05 23)

06 05 23 00-0259 Shear Plates (06 05 23 00-0258)

06 05 23 00-0260	EA	2-5/8" Diameter, Shear Plate	16.98	4.31
		For >10 To 50, Deduct	-0.48	
		For >50 To 100, Deduct	-1.15	
		For >100 To 250, Deduct	-2.30	
		For >250 To 500, Deduct	-3.94	
		For >500, Deduct	-5.57	
06 05 23 00-0261	EA	4" Diameter, Shear Plate	16.22	4.54
		For >10 To 50, Deduct	-0.51	
		For >50 To 100, Deduct	-1.16	
		For >100 To 250, Deduct	-2.33	
		For >250 To 500, Deduct	-4.00	
		For >500, Deduct	-5.67	

06 05 23 00-0262 Sill Anchors (06 05 23 00-0258)

06 05 23 00-0263	EA	Sill Anchor Embedded In Concrete	14.24	4.54
		For >10 To 50, Deduct	-0.51	
		For >50 To 100, Deduct	-1.11	
		For >100 To 250, Deduct	-2.23	
		For >250 To 500, Deduct	-3.85	
		For >500, Deduct	-5.47	

06 05 23 00-0264 Spike Grids (06 05 23 00-0258)

06 05 23 00-0265	EA	3" x 6" Flat Or Curved Spike Grid	12.59	4.31
		For >10 To 50, Deduct	-0.48	
		For >50 To 100, Deduct	-1.04	
		For >100 To 250, Deduct	-2.08	
		For >250 To 500, Deduct	-3.61	
		For >500, Deduct	-5.14	

06 05 23 00-0266 Split Rings (06 05 23 00-0258)

06 05 23 00-0267	EA	2-1/2" Diameter Split Ring	17.22	4.31
		For >10 To 50, Deduct	-0.48	
		For >50 To 100, Deduct	-1.16	
		For >100 To 250, Deduct	-2.31	
		For >250 To 500, Deduct	-3.96	
		For >500, Deduct	-5.60	

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR

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TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 05 23 00-0268	EA	4" Diameter Split Ring.....	18.51	4.77
		<i>For >10 To 50, Deduct</i>	-0.53	
		<i>For >50 To 100, Deduct</i>	-1.26	
		<i>For >100 To 250, Deduct</i>	-2.51	
		<i>For >250 To 500, Deduct</i>	-4.30	
		<i>For >500, Deduct</i>	-6.08	
06 05 23 00-0269		Toothed Rings <small>(06 05 23 00-0259)</small>		
06 05 23 00-0270	EA	2-5/8" Or 4" Toothed Ring.....	13.46	4.31
		<i>For >10 To 50, Deduct</i>	-0.48	
		<i>For >50 To 100, Deduct</i>	-1.06	
		<i>For >100 To 250, Deduct</i>	-2.13	
		<i>For >250 To 500, Deduct</i>	-3.67	
		<i>For >500, Deduct</i>	-5.22	
06 05 23 00-0271		Straps And Shields <small>(06 05 23)</small>		
06 05 23 00-0272		Shield Plate <small>(06 05 23 00-0271)</small>		
06 05 23 00-0273	EA	5" Wide x 8" Long, 16 Gauge, Galvanized Shield Plate (Simpson Strong Tie® PSPN58Z)	8.53	
		<i>For >10 To 50, Deduct</i>	-0.07	
		<i>For >50 To 100, Deduct</i>	-0.29	
		<i>For >100 To 250, Deduct</i>	-0.57	
		<i>For >250 To 500, Deduct</i>	-1.00	
		<i>For >500, Deduct</i>	-1.52	
06 05 23 00-0274	EA	5" Wide x 16" Long, 16 Gauge, Galvanized Shield Plate (Simpson Strong Tie® PSPN516Z)	13.51	
		<i>For >10 To 50, Deduct</i>	-0.09	
		<i>For >50 To 100, Deduct</i>	-0.43	
		<i>For >100 To 250, Deduct</i>	-0.85	
		<i>For >250 To 500, Deduct</i>	-1.45	
		<i>For >500, Deduct</i>	-2.15	
06 05 23 00-0275		Strap Ties <small>(06 05 23 00-0271)</small>		
06 05 23 00-0276	EA	1-1/4" Wide x 9" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA9).....	3.35	
		<i>For >10 To 50, Deduct</i>	-0.06	
		<i>For >50 To 100, Deduct</i>	-0.14	
		<i>For >100 To 250, Deduct</i>	-0.28	
		<i>For >250 To 500, Deduct</i>	-0.54	
		<i>For >500, Deduct</i>	-0.87	
06 05 23 00-0277	EA	1-1/4" Wide x 12" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA12).....	3.44	
		<i>For >10 To 50, Deduct</i>	-0.06	
		<i>For >50 To 100, Deduct</i>	-0.14	
		<i>For >100 To 250, Deduct</i>	-0.29	
		<i>For >250 To 500, Deduct</i>	-0.55	
		<i>For >500, Deduct</i>	-0.88	
06 05 23 00-0278	EA	1-1/4" Wide x 15" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA15).....	4.39	
		<i>For >10 To 50, Deduct</i>	-0.07	
		<i>For >50 To 100, Deduct</i>	-0.18	
		<i>For >100 To 250, Deduct</i>	-0.37	
		<i>For >250 To 500, Deduct</i>	-0.69	
		<i>For >500, Deduct</i>	-1.11	
06 05 23 00-0279	EA	1-1/4" Wide x 18" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA18).....	4.55	
		<i>For >10 To 50, Deduct</i>	-0.07	
		<i>For >50 To 100, Deduct</i>	-0.19	
		<i>For >100 To 250, Deduct</i>	-0.37	
		<i>For >250 To 500, Deduct</i>	-0.71	
		<i>For >500, Deduct</i>	-1.12	
06 05 23 00-0280	EA	1-1/4" Wide x 21" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA21).....	4.72	
		<i>For >10 To 50, Deduct</i>	-0.07	
		<i>For >50 To 100, Deduct</i>	-0.19	
		<i>For >100 To 250, Deduct</i>	-0.38	
		<i>For >250 To 500, Deduct</i>	-0.72	
		<i>For >500, Deduct</i>	-1.14	
06 05 23 00-0281	EA	1-1/4" Wide x 24" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA24).....	5.43	
		<i>For >10 To 50, Deduct</i>	-0.09	
		<i>For >50 To 100, Deduct</i>	-0.22	
		<i>For >100 To 250, Deduct</i>	-0.45	
		<i>For >250 To 500, Deduct</i>	-0.84	
		<i>For >500, Deduct</i>	-1.35	
06 05 23 00-0282	EA	1-1/4" Wide x 30" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA30).....	6.99	
		<i>For >10 To 50, Deduct</i>	-0.09	
		<i>For >50 To 100, Deduct</i>	-0.26	
		<i>For >100 To 250, Deduct</i>	-0.52	
		<i>For >250 To 500, Deduct</i>	-0.96	
		<i>For >500, Deduct</i>	-1.50	
06 05 23 00-0283	EA	1-1/4" Wide x 36" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA36).....	8.11	
		<i>For >10 To 50, Deduct</i>	-0.10	
		<i>For >50 To 100, Deduct</i>	-0.30	
		<i>For >100 To 250, Deduct</i>	-0.61	
		<i>For >250 To 500, Deduct</i>	-1.12	
		<i>For >500, Deduct</i>	-1.75	
06 05 23 00-0284	EA	1-1/4" Wide x 9" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MST A9).....	3.70	
		<i>For >10 To 50, Deduct</i>	-0.06	
		<i>For >50 To 100, Deduct</i>	-0.15	
		<i>For >100 To 250, Deduct</i>	-0.30	
		<i>For >250 To 500, Deduct</i>	-0.57	
		<i>For >500, Deduct</i>	-0.90	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0285 EA 1-1/4" Wide x 12" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MST A12).....	3.83	
For >10 To 50, Deduct	-0.06	
For >50 To 100, Deduct	-0.15	
For >100 To 250, Deduct	-0.31	
For >250 To 500, Deduct	-0.58	
For >500, Deduct	-0.92	
06 05 23 00-0286 EA 1-1/4" Wide x 15" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MST A15).....	4.88	
For >10 To 50, Deduct	-0.07	
For >50 To 100, Deduct	-0.19	
For >100 To 250, Deduct	-0.39	
For >250 To 500, Deduct	-0.73	
For >500, Deduct	-1.16	
06 05 23 00-0287 EA 1-1/4" Wide x 18" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MST A18).....	5.08	
For >10 To 50, Deduct	-0.07	
For >50 To 100, Deduct	-0.20	
For >100 To 250, Deduct	-0.40	
For >250 To 500, Deduct	-0.74	
For >500, Deduct	-1.18	
06 05 23 00-0288 EA 1-1/4" Wide x 21" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MST A21).....	5.18	
For >10 To 50, Deduct	-0.07	
For >50 To 100, Deduct	-0.20	
For >100 To 250, Deduct	-0.40	
For >250 To 500, Deduct	-0.75	
For >500, Deduct	-1.19	
06 05 23 00-0289 EA 1-1/4" Wide x 24" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MST A24).....	5.93	
For >10 To 50, Deduct	-0.09	
For >50 To 100, Deduct	-0.24	
For >100 To 250, Deduct	-0.47	
For >250 To 500, Deduct	-0.88	
For >500, Deduct	-1.40	
06 05 23 00-0290 EA 1-1/4" Wide x 30" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MST A30).....	7.32	
For >10 To 50, Deduct	-0.09	
For >50 To 100, Deduct	-0.27	
For >100 To 250, Deduct	-0.54	
For >250 To 500, Deduct	-0.99	
For >500, Deduct	-1.53	
06 05 23 00-0291 EA 1-1/4" Wide x 36" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MST A36).....	8.12	
For >10 To 50, Deduct	-0.10	
For >50 To 100, Deduct	-0.31	
For >100 To 250, Deduct	-0.61	
For >250 To 500, Deduct	-1.12	
For >500, Deduct	-1.75	
06 05 23 00-0292 EA 1-1/4" Wide x 36" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MST A49).....	12.71	
For >10 To 50, Deduct	-0.12	
For >50 To 100, Deduct	-0.43	
For >100 To 250, Deduct	-0.87	
For >250 To 500, Deduct	-1.53	
For >500, Deduct	-2.34	
06 05 23 00-0293 EA 1-1/4" Wide x 9" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST9).....	4.35	
For >10 To 50, Deduct	-0.06	
For >50 To 100, Deduct	-0.17	
For >100 To 250, Deduct	-0.33	
For >250 To 500, Deduct	-0.62	
For >500, Deduct	-0.97	
06 05 23 00-0294 EA 1-1/4" Wide x 12" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST12).....	4.36	
For >10 To 50, Deduct	-0.06	
For >50 To 100, Deduct	-0.17	
For >100 To 250, Deduct	-0.33	
For >250 To 500, Deduct	-0.62	
For >500, Deduct	-0.97	
06 05 23 00-0295 EA 1-1/4" Wide x 18" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST18).....	5.31	
For >10 To 50, Deduct	-0.07	
For >50 To 100, Deduct	-0.21	
For >100 To 250, Deduct	-0.41	
For >250 To 500, Deduct	-0.76	
For >500, Deduct	-1.20	
06 05 23 00-0296 EA 1-1/4" Wide x 22" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST22).....	7.32	
For >10 To 50, Deduct	-0.09	
For >50 To 100, Deduct	-0.27	
For >100 To 250, Deduct	-0.54	
For >250 To 500, Deduct	-0.99	
For >500, Deduct	-1.53	
06 05 23 00-0297 EA 1-3/8" Wide x 6" Long, 12 Gauge, Galvanized Strap Tie (Simpson Strong Tie® HRS6).....	6.21	
For >10 To 50, Deduct	-0.06	
For >50 To 100, Deduct	-0.21	
For >100 To 250, Deduct	-0.43	
For >250 To 500, Deduct	-0.76	
For >500, Deduct	-1.15	
06 05 23 00-0298 EA 1-3/8" Wide x 8" Long, 12 Gauge, Galvanized Strap Tie (Simpson Strong Tie® HRS8).....	6.83	
For >10 To 50, Deduct	-0.06	
For >50 To 100, Deduct	-0.23	
For >100 To 250, Deduct	-0.46	
For >250 To 500, Deduct	-0.80	
For >500, Deduct	-1.22	
06 05 23 00-0299 EA 1-3/8" Wide x 12" Long, 12 Gauge, Galvanized Strap Tie (Simpson Strong Tie® HRS12).....	8.96	
For >10 To 50, Deduct	-0.07	
For >50 To 100, Deduct	-0.30	
For >100 To 250, Deduct	-0.59	
For >250 To 500, Deduct	-1.04	
For >500, Deduct	-1.57	

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 05 23 00-0300	EA	2-1/16" Wide x 27" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST27).....	13.28	
		<i>For >10 To 50, Deduct</i>	-0.09	
		<i>For >50 To 100, Deduct</i>	-0.42	
		<i>For >100 To 250, Deduct</i>	-0.84	
		<i>For >250 To 500, Deduct</i>	-1.43	
		<i>For >500, Deduct</i>	-2.13	
06 05 23 00-0301	EA	2-1/16" Wide x 37" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST37).....	16.54	
		<i>For >10 To 50, Deduct</i>	-0.10	
		<i>For >50 To 100, Deduct</i>	-0.52	
		<i>For >100 To 250, Deduct</i>	-1.03	
		<i>For >250 To 500, Deduct</i>	-1.75	
		<i>For >500, Deduct</i>	-2.59	
06 05 23 00-0302	EA	2-1/16" Wide x 48" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST48).....	24.38	
		<i>For >10 To 50, Deduct</i>	-0.12	
		<i>For >50 To 100, Deduct</i>	-0.73	
		<i>For >100 To 250, Deduct</i>	-1.45	
		<i>For >250 To 500, Deduct</i>	-2.41	
		<i>For >500, Deduct</i>	-3.51	
06 05 23 00-0303	EA	2-1/16" Wide x 60" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST60).....	42.29	
		<i>For >10 To 50, Deduct</i>	-0.13	
		<i>For >50 To 100, Deduct</i>	-1.19	
		<i>For >100 To 250, Deduct</i>	-2.38	
		<i>For >250 To 500, Deduct</i>	-3.83	
		<i>For >500, Deduct</i>	-5.43	
06 05 23 00-0304	EA	2-1/16" Wide x 72" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST72).....	54.46	
		<i>For >10 To 50, Deduct</i>	-0.15	
		<i>For >50 To 100, Deduct</i>	-1.51	
		<i>For >100 To 250, Deduct</i>	-3.01	
		<i>For >250 To 500, Deduct</i>	-4.81	
		<i>For >500, Deduct</i>	-6.78	
06 05 23 00-0305	EA	3" Wide x 28-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC28).....	15.80	
		<i>For >10 To 50, Deduct</i>	-0.09	
		<i>For >50 To 100, Deduct</i>	-0.48	
		<i>For >100 To 250, Deduct</i>	-0.96	
		<i>For >250 To 500, Deduct</i>	-1.62	
		<i>For >500, Deduct</i>	-2.38	
06 05 23 00-0306	EA	3" Wide x 40-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC40).....	20.38	
		<i>For >10 To 50, Deduct</i>	-0.10	
		<i>For >50 To 100, Deduct</i>	-0.61	
		<i>For >100 To 250, Deduct</i>	-1.22	
		<i>For >250 To 500, Deduct</i>	-2.04	
		<i>For >500, Deduct</i>	-2.98	
06 05 23 00-0307	EA	3" Wide x 52-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC52).....	23.78	
		<i>For >10 To 50, Deduct</i>	-0.12	
		<i>For >50 To 100, Deduct</i>	-0.71	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-2.36	
		<i>For >500, Deduct</i>	-3.45	
06 05 23 00-0308	EA	3" Wide x 66-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC66).....	36.10	
		<i>For >10 To 50, Deduct</i>	-0.13	
		<i>For >50 To 100, Deduct</i>	-1.03	
		<i>For >100 To 250, Deduct</i>	-2.07	
		<i>For >250 To 500, Deduct</i>	-3.36	
		<i>For >500, Deduct</i>	-4.81	
06 05 23 00-0309		Twist Strap Ties <small>(06 05 23 00-0271)</small>		
06 05 23 00-0310	EA	1-1/4" Wide x 12" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS12).....	3.90	
		<i>For >10 To 50, Deduct</i>	-0.06	
		<i>For >50 To 100, Deduct</i>	-0.16	
		<i>For >100 To 250, Deduct</i>	-0.31	
		<i>For >250 To 500, Deduct</i>	-0.58	
		<i>For >500, Deduct</i>	-0.92	
06 05 23 00-0311	EA	1-1/4" Wide x 16" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS16).....	4.89	
		<i>For >10 To 50, Deduct</i>	-0.07	
		<i>For >50 To 100, Deduct</i>	-0.19	
		<i>For >100 To 250, Deduct</i>	-0.38	
		<i>For >250 To 500, Deduct</i>	-0.69	
		<i>For >500, Deduct</i>	-1.09	
06 05 23 00-0312	EA	1-1/4" Wide x 18" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS18).....	5.63	
		<i>For >10 To 50, Deduct</i>	-0.07	
		<i>For >50 To 100, Deduct</i>	-0.21	
		<i>For >100 To 250, Deduct</i>	-0.43	
		<i>For >250 To 500, Deduct</i>	-0.79	
		<i>For >500, Deduct</i>	-1.23	
06 05 23 00-0313	EA	1-1/4" Wide x 20" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS20).....	6.10	
		<i>For >10 To 50, Deduct</i>	-0.08	
		<i>For >50 To 100, Deduct</i>	-0.23	
		<i>For >100 To 250, Deduct</i>	-0.47	
		<i>For >250 To 500, Deduct</i>	-0.86	
		<i>For >500, Deduct</i>	-1.35	
06 05 23 00-0314	EA	1-1/4" Wide x 12" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS12).....	3.86	
		<i>For >10 To 50, Deduct</i>	-0.06	
		<i>For >50 To 100, Deduct</i>	-0.15	
		<i>For >100 To 250, Deduct</i>	-0.31	
		<i>For >250 To 500, Deduct</i>	-0.58	
		<i>For >500, Deduct</i>	-0.92	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0315 EA 1-1/4" Wide x 16" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS16).....	4.97	
For >10 To 50, Deduct	-0.07	
For >50 To 100, Deduct	-0.19	
For >100 To 250, Deduct	-0.38	
For >250 To 500, Deduct	-0.70	
For >500, Deduct	-1.10	
06 05 23 00-0316 EA 1-1/4" Wide x 18" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS18).....	5.77	
For >10 To 50, Deduct	-0.07	
For >50 To 100, Deduct	-0.22	
For >100 To 250, Deduct	-0.43	
For >250 To 500, Deduct	-0.80	
For >500, Deduct	-1.25	
06 05 23 00-0317 EA 1-1/4" Wide x 20" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS20).....	6.15	
For >10 To 50, Deduct	-0.08	
For >50 To 100, Deduct	-0.23	
For >100 To 250, Deduct	-0.47	
For >250 To 500, Deduct	-0.86	
For >500, Deduct	-1.35	
06 05 23 00-0318 EA 1-1/4" Wide x 24" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS24).....	8.36	
For >10 To 50, Deduct	-0.09	
For >50 To 100, Deduct	-0.30	
For >100 To 250, Deduct	-0.59	
For >250 To 500, Deduct	-1.06	
For >500, Deduct	-1.64	
06 05 23 00-0319 EA 1-1/4" Wide x 16" Long, 14 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® HTS16).....	6.39	
For >10 To 50, Deduct	-0.07	
For >50 To 100, Deduct	-0.23	
For >100 To 250, Deduct	-0.45	
For >250 To 500, Deduct	-0.81	
For >500, Deduct	-1.24	
06 05 23 00-0320 EA 1-1/4" Wide x 20" Long, 14 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® HTS20).....	7.65	
For >10 To 50, Deduct	-0.08	
For >50 To 100, Deduct	-0.27	
For >100 To 250, Deduct	-0.54	
For >250 To 500, Deduct	-0.97	
For >500, Deduct	-1.50	
06 05 23 00-0321 EA 1-1/4" Wide x 24" Long, 14 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® HTS24).....	8.88	
For >10 To 50, Deduct	-0.09	
For >50 To 100, Deduct	-0.31	
For >100 To 250, Deduct	-0.62	
For >250 To 500, Deduct	-1.10	
For >500, Deduct	-1.69	
06 05 23 00-0322 Retrofit Plate Strap <small>(06 05 23 00-0271)</small>		
06 05 23 00-0323 EA 1-3/8" Wide x 18-5/16" Long, 16 Gauge, Galvanized Retrofit Plate Strap (Simpson Strong Tie® RPS18).....	6.41	
For >10 To 50, Deduct	-0.07	
For >50 To 100, Deduct	-0.23	
For >100 To 250, Deduct	-0.47	
For >250 To 500, Deduct	-0.84	
For >500, Deduct	-1.31	
06 05 23 00-0324 EA 1-3/8" Wide x 22-5/16" Long, 16 Gauge, Galvanized Retrofit Plate Strap (Simpson Strong Tie® RPS22).....	7.31	
For >10 To 50, Deduct	-0.07	
For >50 To 100, Deduct	-0.26	
For >100 To 250, Deduct	-0.51	
For >250 To 500, Deduct	-0.91	
For >500, Deduct	-1.40	
06 05 23 00-0325 EA 1-3/8" Wide x 28-5/16" Long, 16 Gauge, Galvanized Retrofit Plate Strap (Simpson Strong Tie® RPS28).....	8.74	
For >10 To 50, Deduct	-0.07	
For >50 To 100, Deduct	-0.29	
For >100 To 250, Deduct	-0.58	
For >250 To 500, Deduct	-1.02	
For >500, Deduct	-1.54	
06 05 23 00-0326 Stud Shoe <small>(06 05 23 00-0271)</small>		
06 05 23 00-0327 EA 6" High With 3-1/4" Wide Tabs For 2X Stud, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS1.5).....	10.88	
For >10 To 50, Deduct	-0.09	
For >50 To 100, Deduct	-0.36	
For >100 To 250, Deduct	-0.72	
For >250 To 500, Deduct	-1.25	
For >500, Deduct	-1.89	
06 05 23 00-0328 EA 6" High With 3-1/4" Wide Tabs For 3X Stud, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS2.5).....	21.40	
For >10 To 50, Deduct	-0.09	
For >50 To 100, Deduct	-0.62	
For >100 To 250, Deduct	-1.24	
For >250 To 500, Deduct	-2.04	
For >500, Deduct	-2.94	
06 05 23 00-0329 EA 6" High With 3-1/4" Wide Tabs For 2-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS3).....	21.49	
For >10 To 50, Deduct	-0.09	
For >50 To 100, Deduct	-0.62	
For >100 To 250, Deduct	-1.25	
For >250 To 500, Deduct	-2.05	
For >500, Deduct	-2.95	
06 05 23 00-0330 EA 6" High With 3-1/4" Wide Tabs For 3-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS4.5).....	28.80	
For >10 To 50, Deduct	-0.09	
For >50 To 100, Deduct	-0.81	
For >100 To 250, Deduct	-1.61	
For >250 To 500, Deduct	-2.60	
For >500, Deduct	-3.68	

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 05 23 00-0331	EA	7-1/8" High With 3-1/4" Wide Tabs For 2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® HSS2-SDS1.5).....	27.06	
		<i>For >10 To 50, Deduct</i>	-0.09	
		<i>For >50 To 100, Deduct</i>	-0.76	
		<i>For >100 To 250, Deduct</i>	-1.53	
		<i>For >250 To 500, Deduct</i>	-2.47	
		<i>For >500, Deduct</i>	-3.51	
06 05 23 00-0332	EA	7-1/8" High With 3-1/4" Wide Tabs For 2-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie HSS2-2-SDS3).....	29.32	
		<i>For >10 To 50, Deduct</i>	-0.09	
		<i>For >50 To 100, Deduct</i>	-0.82	
		<i>For >100 To 250, Deduct</i>	-1.64	
		<i>For >250 To 500, Deduct</i>	-2.64	
		<i>For >500, Deduct</i>	-3.73	
06 05 23 00-0333	EA	7-1/8" High With 3-1/4" Wide Tabs For 3-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® HSS2-3-SDS3).....	31.03	
		<i>For >10 To 50, Deduct</i>	-0.09	
		<i>For >50 To 100, Deduct</i>	-0.86	
		<i>For >100 To 250, Deduct</i>	-1.73	
		<i>For >250 To 500, Deduct</i>	-2.76	
		<i>For >500, Deduct</i>	-3.91	
06 05 23 00-0334	EA	7-1/8" High With 3-1/4" Wide Tabs For 4X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® HSS4-SDS3).....	46.89	
		<i>For >10 To 50, Deduct</i>	-0.09	
		<i>For >50 To 100, Deduct</i>	-1.26	
		<i>For >100 To 250, Deduct</i>	-2.52	
		<i>For >250 To 500, Deduct</i>	-3.95	
		<i>For >500, Deduct</i>	-5.49	

06 05 23 00-0335 Nail Stops (06 05 23 00-0271)

06 05 23 00-0336	EA	1-1/2" Wide x 3" Long, 16 Gauge, Galvanized Nail Stops (Simpson Strong Tie® NS1).....	3.09	
		<i>For >10 To 50, Deduct</i>	-0.06	
		<i>For >50 To 100, Deduct</i>	-0.14	
		<i>For >100 To 250, Deduct</i>	-0.27	
		<i>For >250 To 500, Deduct</i>	-0.52	
		<i>For >500, Deduct</i>	-0.84	
06 05 23 00-0337	EA	1-1/2" Wide x 6" Long, 16 Gauge, Galvanized Nail Stops (Simpson Strong Tie® NS2).....	3.23	
		<i>For >10 To 50, Deduct</i>	-0.06	
		<i>For >50 To 100, Deduct</i>	-0.14	
		<i>For >100 To 250, Deduct</i>	-0.28	
		<i>For >250 To 500, Deduct</i>	-0.53	
		<i>For >500, Deduct</i>	-0.86	

06 05 73 Wood Treatment (06 05)**06 05 73 13 Fire-Retardant Wood Treatment** (06 05 73)06 05 73 13-0001 Preservative Treated Lumber (06 05 73 13)06 05 73 13-0002 Fire Retardant Treatment (FRT) For Lumber (06 05 73 13-0001)

06 05 73 13-0003	MBF	Fire Retardant Treatment (FRT) For Lumber.....	742.35	
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06 05 73 33 Preservative Wood Treatment (06 05 73)06 05 73 33-0001 Preservative Treatment For Marine And Fresh Water Uses (06 05 73 33)

06 05 73 33-0002	MBF	Preservative Treatment For Marine And Fresh Water Lumber.....	107.32	
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06 10 Rough Carpentry (06)**06 11 Wood Framing** (06 10)

Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal. See CSI section 06 05 23 00-0000 for anchors and supports.

06 11 13 Engineered Wood Products (06 11)

Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal.

06 11 13 00-0001 Built-Up Members (06 11 13)

Note: A structural framing member made from fastening separate pieces of lumber together.

06 11 13 00-0002 Built-Up Beams Or Joists (06 11 13 00-0001)

06 11 13 00-0003	LF	Two 2" x 6" Built-up Wood Beam Or Joist.....	4.37	1.99
		<i>For Each Additional 2" x_" In The Built Up Member, Add</i>	0.66	
06 11 13 00-0004	LF	Two 2" x 8" Built-up Wood Beam Or Joist.....	5.38	2.35
		<i>For Each Additional 2" x_" In The Built Up Member, Add</i>	0.94	
06 11 13 00-0005	LF	Two 2" x 10" Built-up Wood Beam Or Joist.....	6.81	2.81
		<i>For Each Additional 2" x_" In The Built Up Member, Add</i>	1.30	

06 11 13 00-0006 Built-Up Posts (06 11 13 00-0001)

06 11 13 00-0007	LF	Two 2" x 6" Built-up Wood Post.....	4.37	1.99
		<i>For Each Additional 2" x_" In The Built Up Member, Add</i>	0.66	
06 11 13 00-0008	LF	Two 2" x 8" Built-up Wood Post.....	5.38	2.35
		<i>For Each Additional 2" x_" In The Built Up Member, Add</i>	0.94	
06 11 13 00-0009	LF	Two 2" x 10" Built-up Wood Post.....	6.81	2.81
		<i>For Each Additional 2" x_" In The Built Up Member, Add</i>	1.30	

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06 11 16 Mechanically Graded Lumber (06 11)

06 11 16 00-0001 Sills And Plates (06 11 16)

06 11 16 00-0002 Sills (06 11 16 00-0001)

Note: A horizontal member which rests on and is attached to the foundation.

06 11 16 00-0003	LF	2" x 4" Wood Sill	3.02	1.76
06 11 16 00-0004	LF	2" x 6" Wood Sill	3.58	1.99
06 11 16 00-0005	LF	2" x 8" Wood Sill	4.25	2.22
06 11 16 00-0006	LF	2" x 4" Pressure Treated Wood Sill.....	3.33	1.76
06 11 16 00-0007	LF	2" x 6" Pressure Treated Wood Sill.....	4.09	1.99
06 11 16 00-0008	LF	2" x 8" Pressure Treated Wood Sill.....	4.96	2.22

06 11 16 00-0009 Plates (06 11 16 00-0001)

Note: A horizontal member connecting and terminating studs, posts, joists, rafters, etc. such as the top and bottom plate on a stud framed partition wall.

06 11 16 00-0010	LF	2" x 4" Wood Plate.....	3.02	1.76
06 11 16 00-0011	LF	2" x 6" Wood Plate.....	3.58	1.99
06 11 16 00-0012	LF	2" x 8" Wood Plate.....	4.22	2.22
06 11 16 00-0013	LF	2" x 4" Pressure Treated Wood Plate	3.33	1.76
06 11 16 00-0014	LF	2" x 6" Pressure Treated Wood Plate	4.09	1.99
06 11 16 00-0015	LF	2" x 8" Pressure Treated Wood Plate	4.93	2.22

06 11 16 00-0016 Sills And Plates From Redwood (06 11 16 00-0001)

06 11 16 00-0017 Construction Grade/Rough (06 11 16 00-0016)

06 11 16 00-0018	LF	2" x 6" Redwood, Construction Grade/Rough.....	6.05	1.99
06 11 16 00-0019	LF	2" x 8" Redwood, Construction Grade/Rough.....	8.08	2.22
06 11 16 00-0020	LF	2" x 10" Redwood, Construction Grade/Rough.....	9.83	2.46
06 11 16 00-0021	LF	2" x 12" Redwood, Construction Grade/Rough.....	11.86	2.69

06 11 16 00-0022 Con Heart/Smooth (06 11 16 00-0016)

06 11 16 00-0023	LF	2" x 6" Redwood, Con Heart/Smooth.....	7.38	1.99
06 11 16 00-0024	LF	2" x 8" Redwood, Con Heart/Smooth.....	10.08	2.22
06 11 16 00-0025	LF	2" x 10" Redwood, Con Heart/Smooth.....	13.22	2.46
06 11 16 00-0026	LF	2" x 12" Redwood, Con Heart/Smooth.....	15.89	2.69

06 11 16 00-0027 Suspended Ceiling Framing (06 11 16)

06 11 16 00-0028	LF	1" x 2" Wood Suspended Ceiling Framing.....	2.53	1.52
06 11 16 00-0029	LF	1" x 3" Wood Suspended Ceiling Framing.....	2.73	1.64
06 11 16 00-0030	LF	1" x 4" Wood Suspended Ceiling Framing.....	2.87	1.76
06 11 16 00-0031	LF	2" x 2" Wood Suspended Ceiling Framing.....	2.94	1.76
06 11 16 00-0032	LF	2" x 4" Wood Suspended Ceiling Framing.....	3.49	1.99
06 11 16 00-0033	LF	1" x 2" Pressure Treated Wood Suspended Ceiling Framing	2.77	1.52
06 11 16 00-0034	LF	1" x 3" Pressure Treated Wood Suspended Ceiling Framing	2.74	1.64
06 11 16 00-0035	LF	1" x 4" Pressure Treated Wood Suspended Ceiling Framing	3.04	1.76
06 11 16 00-0036	LF	2" x 2" Pressure Treated Wood Suspended Ceiling Framing	3.21	1.76
06 11 16 00-0037	LF	2" x 4" Pressure Treated Wood Suspended Ceiling Framing	3.75	1.99

06 11 16 00-0038 Posts And Girts (06 11 16)

06 11 16 00-0039 Posts (06 11 16 00-0038)

Note: A vertical, upright framing member.

06 11 16 00-0040	LF	4" x 4" Wood Post.....	4.32	2.22
06 11 16 00-0041	LF	4" x 5" Wood Post.....	4.92	2.58
06 11 16 00-0042	LF	4" x 6" Wood Post.....	5.42	2.81
06 11 16 00-0043	LF	6" x 6" Wood Post.....	6.02	3.05
06 11 16 00-0044	LF	8" x 8" Wood Post.....	6.63	3.17
06 11 16 00-0045	LF	10" x 10" Wood Post.....	7.23	3.64
06 11 16 00-0046	LF	4" x 4" Pressure Treated Wood Post	5.97	2.22
06 11 16 00-0047	LF	3" x 6" Pressure Treated Wood Post	6.87	2.81
06 11 16 00-0048	LF	4" x 6" Pressure Treated Wood Post	8.37	2.81
06 11 16 00-0049	LF	6" x 6" Pressure Treated Wood Post	11.65	3.05

06 11 16 00-0050 Girts (06 11 16 00-0038)

Note: A horizontal member at intermediate level between columns, studs, or posts.

06 11 16 00-0051	LF	2" x 4" Wood Girt	2.08	0.84
06 11 16 00-0052	LF	2" x 6" Wood Girt	2.51	0.92
06 11 16 00-0053	LF	2" x 8" Wood Girt	2.98	1.02
06 11 16 00-0054	LF	2" x 10" Wood Girt.....	3.55	1.13
06 11 16 00-0055	LF	4" x 4" Wood Girt	4.20	1.69
06 11 16 00-0056	LF	4" x 5" Wood Girt	4.82	1.90
06 11 16 00-0057	LF	4" x 6" Wood Girt	5.40	2.11
06 11 16 00-0058	LF	6" x 6" Wood Girt	6.01	2.32
06 11 16 00-0059	LF	8" x 8" Wood Girt	6.61	2.53
06 11 16 00-0060	LF	10" x 10" Wood Girt.....	7.22	2.75
06 11 16 00-0061	LF	2" x 4" Pressure Treated Wood Girt.....	2.39	0.84
06 11 16 00-0062	LF	2" x 6" Pressure Treated Wood Girt.....	3.02	0.92

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06 11 16 00-0063	LF	2" x 8" Pressure Treated Wood Girt.....	3.69	1.02
06 11 16 00-0064	LF	2" x 10" Pressure Treated Wood Girt.....	4.29	1.13
06 11 16 00-0065	LF	4" x 4" Pressure Treated Wood Girt.....	5.97	1.69
06 11 16 00-0066	LF	3" x 6" Pressure Treated Wood Girt.....	6.87	2.11
06 11 16 00-0067	LF	4" x 6" Pressure Treated Wood Girt.....	8.37	2.11
06 11 16 00-0068	LF	6" x 6" Pressure Treated Wood Girt.....	11.65	2.32
06 11 16 00-0069		Construction Grade/Rough Redwood Posts (06 11 16 00-0038)		
06 11 16 00-0070	LF	4" x 4" Redwood, Construction Grade/Rough Post.....	9.41	2.22
		For Smooth "Clear", Add	1.21	
06 11 16 00-0071	LF	4" x 5" Redwood, Construction Grade/Rough Post.....	11.33	2.58
		For Smooth "Clear", Add	1.51	
06 11 16 00-0072	LF	4" x 6" Redwood, Construction Grade/Rough Post.....	13.29	2.81
		For Smooth "Clear", Add	1.82	
06 11 16 00-0073	LF	4" x 8" Redwood, Construction Grade/Rough Post.....	16.50	2.89
		For Smooth "Clear", Add	2.42	
06 11 16 00-0074	LF	4" x 10" Redwood, Construction Grade/Rough Post.....	19.79	3.08
		For Smooth "Clear", Add	3.02	
06 11 16 00-0075	LF	6" x 6" Redwood, Construction Grade/Rough Post.....	18.25	3.05
		For Smooth "Clear", Add	2.72	
06 11 16 00-0076	LF	6" x 8" Redwood, Construction Grade/Rough Post.....	22.97	3.17
		For Smooth "Clear", Add	3.63	
06 11 16 00-0077	LF	6" x 10" Redwood, Construction Grade/Rough Post.....	27.63	2.96
		For Smooth "Clear", Add	4.54	
06 11 16 00-0078	LF	8" x 8" Redwood, Construction Grade/Rough Post.....	29.27	3.17
		For Smooth "Clear", Add	4.84	
06 11 16 00-0079		Stair Stringers (06 11 16)		
		See CSI section 06 43 13 00-0001 for treads and risers.		
06 11 16 00-0080	LF	2" x 10" Wood Stair Stringer	8.31	4.68
06 11 16 00-0081	LF	2" x 12" Wood Stair Stringer	9.79	5.50
06 11 16 00-0082	LF	2" x 10" Pressure Treated Wood Stair Stringer.....	9.07	4.68
06 11 16 00-0083	LF	2" x 12" Pressure Treated Wood Stair Stringer.....	10.86	5.50
06 11 16 00-0084		Blocking And Sleepers (06 11 16)		
06 11 16 00-0085		Blocking (06 11 16 00-0084)		
06 11 16 00-0086		Blocking To Wood (06 11 16 00-0085)		
06 11 16 00-0087	LF	2" x 4" Pressure Treated Wood Blocking To Wood.....	6.65	2.81
06 11 16 00-0088	LF	2" x 6" Pressure Treated Wood Blocking To Wood.....	7.88	3.09
06 11 16 00-0089	LF	2" x 8" Pressure Treated Wood Blocking To Wood.....	9.00	3.40
06 11 16 00-0090	LF	4" x 4" Pressure Treated Wood Blocking To Wood.....	10.43	3.74
06 11 16 00-0091	LF	4" x 6" Pressure Treated Wood Blocking To Wood.....	12.61	4.12
06 11 16 00-0092	LF	2" x 4" Wood Blocking To Wood	6.02	2.81
06 11 16 00-0093	LF	2" x 6" Wood Blocking To Wood	6.85	3.09
06 11 16 00-0094	LF	2" x 8" Wood Blocking To Wood	7.76	3.40
06 11 16 00-0095	LF	4" x 4" Wood Blocking To Wood	8.46	3.74
06 11 16 00-0096	LF	4" x 6" Wood Blocking To Wood	9.46	4.12
06 11 16 00-0097		Blocking To Steel (06 11 16 00-0085)		
06 11 16 00-0098	LF	2" x 4" Pressure Treated Wood Blocking To Steel.....	7.59	3.24
06 11 16 00-0099	LF	2" x 6" Pressure Treated Wood Blocking To Steel.....	8.98	3.56
06 11 16 00-0100	LF	2" x 8" Pressure Treated Wood Blocking To Steel.....	10.23	3.92
06 11 16 00-0101	LF	2" x 4" Wood Blocking To Steel	6.90	3.24
06 11 16 00-0102	LF	2" x 6" Wood Blocking To Steel	7.85	3.56
06 11 16 00-0103	LF	2" x 8" Wood Blocking To Steel	8.86	3.92
06 11 16 00-0104		Blocking To Concrete (06 11 16 00-0085)		
06 11 16 00-0105	LF	2" x 4" Pressure Treated Wood Blocking To Concrete	7.59	3.24
06 11 16 00-0106	LF	2" x 6" Pressure Treated Wood Blocking To Concrete	8.98	3.56
06 11 16 00-0107	LF	2" x 8" Pressure Treated Wood Blocking To Concrete	10.23	3.92
06 11 16 00-0108	LF	2" x 4" Wood Blocking To Concrete.....	6.90	3.24
06 11 16 00-0109	LF	2" x 6" Wood Blocking To Concrete.....	7.85	3.56
06 11 16 00-0110	LF	2" x 8" Wood Blocking To Concrete.....	8.86	3.92
06 11 16 00-0111		Pressure Treated Lattice (06 11 16 00-0084)		
06 11 16 00-0112	SF	3/4" Thick Pressure Treated Wood Lattice	6.25	2.46
06 11 16 00-0113		Sleepers (06 11 16 00-0084)		
06 11 16 00-0114		Sleepers To Wood (06 11 16 00-0113)		
06 11 16 00-0115	LF	1" x 2" Pressure Treated Wood Sleeper On Wood.....	1.24	0.41
06 11 16 00-0116	LF	1" x 3" Pressure Treated Wood Sleeper On Wood.....	1.21	0.47
06 11 16 00-0117	LF	1" x 4" Pressure Treated Wood Sleeper On Wood.....	1.44	0.53
06 11 16 00-0118	LF	2" x 4" Pressure Treated Wood Sleeper On Wood.....	2.31	0.65
06 11 16 00-0119	LF	2" x 6" Pressure Treated Wood Sleeper On Wood.....	3.10	0.70

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06 11 16 00-0120 Sleepers To Concrete (06 11 16 00-0113)					
06 11 16 00-0121	LF		1" x 2" Pressure Treated Wood Sleeper On Concrete.....	1.28	0.41
06 11 16 00-0122	LF		1" x 3" Pressure Treated Wood Sleeper On Concrete.....	1.24	0.47
06 11 16 00-0123	LF		1" x 4" Pressure Treated Wood Sleeper On Concrete.....	1.48	0.53
06 11 16 00-0124	LF		2" x 4" Pressure Treated Wood Sleeper On Concrete.....	2.41	0.65
06 11 16 00-0125	LF		2" x 6" Pressure Treated Wood Sleeper On Concrete.....	3.27	0.70
06 11 16 00-0126 Roofing Nailers (06 11 16)					
06 11 16 00-0127	LF		2" x 4" Pressure Treated Lumber, For Roofing Nailers.....	3.39	0.93
06 11 16 00-0128	LF		2" x 6" Pressure Treated Lumber, For Roofing Nailers.....	3.98	1.00
06 11 16 00-0129	LF		2" x 8" Pressure Treated Lumber, For Roofing Nailers.....	4.57	1.06
06 11 16 00-0130 Roofing Sleepers (06 11 16)					
06 11 16 00-0131	LF		2" x 4" Pressure Treated Lumber, For Roofing Sleepers.....	1.58	
06 11 16 00-0132	LF		4" x 4" Pressure Treated Lumber, For Roofing Sleepers.....	4.31	
06 11 16 00-0133	LF		4" x 6" Pressure Treated Lumber, For Roofing Sleepers.....	6.27	
06 11 16 00-0134	LF		6" x 6" Pressure Treated Lumber, For Roofing Sleepers.....	9.36	
06 11 16 00-0135 Canopy Framing, Bridging, And Furring (06 11 16)					
06 11 16 00-0136 Wood And Steel Bridging (06 11 16 00-0135)					
06 11 16 00-0137 Wood Bridging (06 11 16 00-0136)					
06 11 16 00-0138	EA		1 Pair Wood Bridging, 1" x 3" Cross Type.....	9.36	4.11
Note: For joists spaced at 16" on center.					
06 11 16 00-0139	EA		1 Pair Wood Bridging, 2" x 3" Cross Type.....	9.58	4.11
Note: For joists spaced at 16" on center.					
06 11 16 00-0140 Steel Bridging (06 11 16 00-0136)					
06 11 16 00-0141	EA		1 Pair Steel Bridging, Wood Joists At 16" On Center.....	11.71	4.11
06 11 16 00-0142	EA		1 Pair Steel Bridging, Wood Joists At 24" On Center.....	11.68	4.11
06 11 16 00-0143 Light Framing, Trim And Furring (06 11 16 00-0135)					
06 11 16 00-0144 Pine/Spruce/Fir Light Framing, Trim And Furring (06 11 16 00-0143)					
Note: S4S board, select grade 1					
06 11 16 00-0145	LF		1" x 1" Pine/Spruce/Fir Light Framing, Trim And Furring.....	2.04	0.96
06 11 16 00-0146	LF		1" x 2" Pine/Spruce/Fir Light Framing, Trim And Furring.....	2.29	1.06
06 11 16 00-0147	LF		1" x 4" Pine/Spruce/Fir Light Framing, Trim And Furring.....	2.61	1.16
06 11 16 00-0148	LF		1" x 6" Pine/Spruce/Fir Light Framing, Trim And Furring.....	2.91	1.28
06 11 16 00-0149	LF		1" x 8" Pine/Spruce/Fir Light Framing, Trim And Furring.....	3.21	1.40
06 11 16 00-0150	LF		1" x 10" Pine/Spruce/Fir Light Framing, Trim And Furring.....	3.56	1.54
06 11 16 00-0151	LF		2" x 2" Pine/Spruce/Fir Light Framing, Trim And Furring.....	2.92	1.28
06 11 16 00-0152	LF		2" x 4" Pine/Spruce/Fir Light Framing, Trim And Furring.....	3.25	1.40
06 11 16 00-0153	LF		2" x 6" Pine/Spruce/Fir Light Framing, Trim And Furring.....	3.76	1.54
06 11 16 00-0154	LF		2" x 8" Pine/Spruce/Fir Light Framing, Trim And Furring.....	4.34	1.70
06 11 16 00-0155	LF		2" x 10" Pine/Spruce/Fir Light Framing, Trim And Furring.....	5.04	1.88
06 11 16 00-0156 Cedar Light Framing, Trim And Furring (06 11 16 00-0143)					
Note: S4S board, select grade 1					
06 11 16 00-0157	LF		1" x 1" Cedar Light Framing, Trim And Furring.....	2.06	0.96
06 11 16 00-0158	LF		1" x 2" Cedar Light Framing, Trim And Furring.....	2.40	1.06
06 11 16 00-0159	LF		1" x 4" Cedar Light Framing, Trim And Furring.....	3.03	1.16
06 11 16 00-0160	LF		1" x 6" Cedar Light Framing, Trim And Furring.....	3.63	1.28
06 11 16 00-0161	LF		1" x 8" Cedar Light Framing, Trim And Furring.....	5.11	1.40
06 11 16 00-0162	LF		1" x 10" Cedar Light Framing, Trim And Furring.....	5.97	1.54
06 11 16 00-0163	LF		2" x 2" Cedar Light Framing, Trim And Furring.....	3.19	1.28
06 11 16 00-0164	LF		2" x 4" Cedar Light Framing, Trim And Furring.....	3.65	1.40
06 11 16 00-0165 Oak Light Framing, Trim And Furring (06 11 16 00-0143)					
Note: S4S board, select grade 1					
06 11 16 00-0166	LF		1" x 1" Oak Light Framing, Trim And Furring.....	2.07	0.96
06 11 16 00-0167	LF		1" x 2" Oak Light Framing, Trim And Furring.....	2.41	1.06
06 11 16 00-0168	LF		1" x 4" Oak Light Framing, Trim And Furring.....	2.92	1.16
06 11 16 00-0169	LF		1" x 6" Oak Light Framing, Trim And Furring.....	3.47	1.28
06 11 16 00-0170	LF		1" x 8" Oak Light Framing, Trim And Furring.....	4.02	1.40
06 11 16 00-0171	LF		1" x 10" Oak Light Framing, Trim And Furring.....	4.61	1.54
06 11 16 00-0172	LF		2" x 2" Oak Light Framing, Trim And Furring.....	3.17	1.28
06 11 16 00-0173	LF		2" x 4" Oak Light Framing, Trim And Furring.....	4.02	1.40
06 11 16 00-0174 Redwood Light Framing, Trim And Furring (06 11 16 00-0143)					
Note: S4S board, select grade 1					
06 11 16 00-0175	LF		1" x 1" Redwood Light Framing, Trim And Furring.....	2.03	0.96
06 11 16 00-0176	LF		1" x 2" Redwood Light Framing, Trim And Furring.....	2.33	1.06
06 11 16 00-0177	LF		1" x 4" Redwood Light Framing, Trim And Furring.....	2.78	1.16
06 11 16 00-0178	LF		1" x 6" Redwood Light Framing, Trim And Furring.....	3.29	1.28
06 11 16 00-0179	LF		1" x 8" Redwood Light Framing, Trim And Furring.....	3.83	1.40

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 11 Wood Framing**
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06 11 16 00-0180	LF	1" x 10" Redwood Light Framing, Trim And Furring.....	4.44	1.54
06 11 16 00-0181	LF	2" x 2" Redwood Light Framing, Trim And Furring.....	3.30	1.28
06 11 16 00-0182	LF	2" x 4" Redwood Light Framing, Trim And Furring.....	3.85	1.40
06 11 16 00-0183		Poplar Light Framing, Trim And Furring (06 11 16 00-0143)		
		Note: S4S board, select grade 1		
06 11 16 00-0184	LF	1" x 1" Poplar Light Framing, Trim And Furring	2.28	0.96
06 11 16 00-0185	LF	1" x 2" Poplar Light Framing, Trim And Furring	2.73	1.06
06 11 16 00-0186	LF	1" x 4" Poplar Light Framing, Trim And Furring	3.35	1.16
06 11 16 00-0187	LF	1" x 6" Poplar Light Framing, Trim And Furring	4.16	1.28
06 11 16 00-0188	LF	1" x 8" Poplar Light Framing, Trim And Furring	4.79	1.40
06 11 16 00-0189	LF	1" x 10" Poplar Light Framing, Trim And Furring	6.16	1.54
06 11 16 00-0190	LF	1" x 12" Poplar Light Framing, Trim And Furring	6.59	1.54
06 11 16 00-0191	LF	2" x 2" Poplar Light Framing, Trim And Furring	5.25	1.28
06 11 16 00-0192	LF	2" x 4" Poplar Light Framing, Trim And Furring	5.86	1.40
06 11 16 00-0193	LF	2" x 6" Poplar Light Framing, Trim And Furring	7.67	1.54
06 11 16 00-0194		Maple Light Framing, Trim And Furring (06 11 16 00-0143)		
		Note: S4S board, select grade 1		
06 11 16 00-0195	LF	1" x 4" Maple Light Framing, Trim And Furring	4.03	1.16
06 11 16 00-0196	LF	1" x 6" Maple Light Framing, Trim And Furring	5.21	1.28
06 11 16 00-0197	LF	1" x 8" Maple Light Framing, Trim And Furring	6.43	1.40
06 11 16 00-0198		Rafters And Joists (06 11 16)		
06 11 16 00-0199		Rafters (06 11 16 00-0198)		
		Note: An inclined roof framing member to which a roof covering is attached.		
06 11 16 00-0200	LF	2" x 6" Wood Rafter	2.54	1.40
06 11 16 00-0201	LF	2" x 8" Wood Rafter	2.93	1.52
06 11 16 00-0202	LF	2" x 10" Wood Rafter	4.22	2.22
06 11 16 00-0203	LF	2" x 12" Wood Rafter	4.85	2.46
06 11 16 00-0204	LF	2" x 14" Wood Rafter	5.26	2.69
06 11 16 00-0205	LF	2" x 6" Pressure Treated Wood Rafter.....	3.05	1.40
06 11 16 00-0206	LF	2" x 8" Pressure Treated Wood Rafter.....	3.64	1.52
06 11 16 00-0207	LF	2" x 10" Pressure Treated Wood Rafter.....	4.96	2.22
06 11 16 00-0208	LF	2" x 12" Pressure Treated Wood Rafter.....	5.94	2.46
06 11 16 00-0209		Joists (06 11 16 00-0198)		
		Note: A series of parallel beams to support floors or ceilings.		
06 11 16 00-0210	LF	2" x 6" Wood Floor Joist.....	2.18	1.17
06 11 16 00-0211	LF	2" x 8" Wood Floor Joist.....	2.70	1.29
06 11 16 00-0212	LF	2" x 10" Wood Floor Joist.....	3.41	1.64
06 11 16 00-0213	LF	2" x 12" Wood Floor Joist.....	4.03	1.88
06 11 16 00-0214	LF	2" x 14" Wood Floor Joist.....	4.44	1.99
06 11 16 00-0215	LF	2" x 6" Pressure Treated Wood Floor Joist.....	2.69	1.17
06 11 16 00-0216	LF	2" x 8" Pressure Treated Wood Floor Joist.....	3.41	1.29
06 11 16 00-0217	LF	2" x 10" Pressure Treated Wood Floor Joist.....	4.15	1.64
06 11 16 00-0218	LF	2" x 12" Pressure Treated Wood Floor Joist.....	5.12	1.88
06 11 16 00-0219		Purlins (06 11 16 00-0198)		
		Note: A horizontal structural member in a roof, supporting the loads from the roof deck or sheathing.		
06 11 16 00-0220	LF	2" x 4" Wood Purlin	1.79	0.70
06 11 16 00-0221	LF	2" x 6" Wood Purlin	2.20	0.77
06 11 16 00-0222	LF	2" x 8" Wood Purlin	2.64	0.85
06 11 16 00-0223	LF	2" x 10" Wood Purlin	3.18	0.93
06 11 16 00-0224	LF	2" x 4" Pressure Treated Wood Purlin	2.10	0.70
06 11 16 00-0225	LF	2" x 6" Pressure Treated Wood Purlin	2.71	0.77
06 11 16 00-0226	LF	2" x 8" Pressure Treated Wood Purlin	3.35	0.85
06 11 16 00-0227	LF	2" x 10" Pressure Treated Wood Purlin	3.92	0.93
06 11 16 00-0228		Exposed Rafters Or Joists (06 11 16 00-0198)		
06 11 16 00-0229		Redwood Rafters Or Joists (06 11 16 00-0228)		
06 11 16 00-0230	LF	2" x 6" Redwood Rafter Or Joist	3.15	1.17
06 11 16 00-0231	LF	2" x 8" Redwood Rafter Or Joist	3.82	1.29
06 11 16 00-0232	LF	2" x 10" Redwood Rafter Or Joist	4.75	1.64
06 11 16 00-0233	LF	2" x 12" Redwood Rafter Or Joist	5.72	1.88
06 11 16 00-0234		Cedar Rafters Or Joists (06 11 16 00-0228)		
06 11 16 00-0235	LF	2" x 6" Cedar Rafter Or Joist.....	2.19	1.17
06 11 16 00-0236	LF	2" x 8" Cedar Rafter Or Joist.....	2.47	1.29
06 11 16 00-0237	LF	2" x 10" Cedar Rafter Or Joist.....	2.86	1.64
06 11 16 00-0238	LF	2" x 12" Cedar Rafter Or Joist.....	3.26	1.88
06 11 16 00-0239		Oak Rafters Or Joists (06 11 16 00-0228)		
06 11 16 00-0240	LF	2" x 6" Oak Rafter Or Joist.....	2.58	1.17
06 11 16 00-0241	LF	2" x 8" Oak Rafter Or Joist.....	3.47	1.29

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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06 11 16 00-0242	LF		2" x 10" Oak Rafter Or Joist.....	4.46	1.64
06 11 16 00-0243	LF		2" x 12" Oak Rafter Or Joist.....	5.46	1.88
06 11 16 00-0244			Framing (06 11 16)		
06 11 16 00-0245			Partition Framing (06 11 16 00-0244)		
06 11 16 00-0246	LF		2" x 4" Wood Stud Framing, For Partition Walls	1.74	0.93
06 11 16 00-0247	LF		2" x 6" Wood Stud Framing, For Partition Walls	2.06	1.00
06 11 16 00-0248	LF		2" x 8" Wood Stud Framing, For Partition Walls	2.40	1.06
06 11 16 00-0249	LF		2" x 4" Pressure Treated Wood Stud Framing, For Partition Walls.....	2.05	0.93
06 11 16 00-0250	LF		2" x 6" Pressure Treated Wood Stud Framing, For Partition Walls.....	2.57	1.00
06 11 16 00-0251	LF		2" x 8" Pressure Treated Wood Stud Framing, For Partition Walls.....	3.11	1.06
06 11 16 00-0252			Wall Framing Assemblies By The SF (06 11 16 00-0244)		
Note: Includes single bottom and double top plates, center support bracing, vertical studs and appropriate fastening devices. Excludes blocking for wall mounted fixtures or cabinets. Per SF of wall area measures one side. Do not deduct for openings of less than 25 SF when calculating total wall square footage.					
06 11 16 00-0253			Wall Framing By The SF, 12" On Center (06 11 16 00-0252)		
06 11 16 00-0254	SF		2" x 4" Wood Wall Framing At 12" On Center	2.24	1.13
			For Up To 200, Add	0.78	
			For >200 To 500, Add	0.39	
06 11 16 00-0255	SF		2" x 6" Wood Wall Framing At 12" On Center.....	2.99	1.45
			For Up To 200, Add	1.03	
			For >200 To 500, Add	0.51	
06 11 16 00-0256	SF		2" x 8" Wood Wall Framing At 12" On Center.....	3.99	1.94
			For Up To 200, Add	1.37	
			For >200 To 500, Add	0.69	
06 11 16 00-0257			Wall Framing By The SF, 16" On Center (06 11 16 00-0252)		
06 11 16 00-0258	SF		2" x 4" Wood Wall Framing At 16" On Center.....	1.82	0.91
			For Up To 200, Add	0.63	
			For >200 To 500, Add	0.32	
06 11 16 00-0259	SF		2" x 6" Wood Wall Framing At 16" On Center.....	2.48	1.21
			For Up To 200, Add	0.85	
			For >200 To 500, Add	0.43	
06 11 16 00-0260	SF		2" x 8" Wood Wall Framing At 16" On Center.....	3.33	1.61
			For Up To 200, Add	1.14	
			For >200 To 500, Add	0.57	
06 11 16 00-0261			Wall Framing By The SF, 24" On Center (06 11 16 00-0252)		
06 11 16 00-0262	SF		2" x 4" Wood Wall Framing At 24" On Center.....	1.43	0.71
			For Up To 200, Add	0.50	
			For >200 To 500, Add	0.25	
06 11 16 00-0263	SF		2" x 6" Wood Wall Framing At 24" On Center.....	1.95	0.94
			For Up To 200, Add	0.67	
			For >200 To 500, Add	0.33	
06 11 16 00-0264	SF		2" x 8" Wood Wall Framing At 24" On Center.....	2.60	1.26
			For Up To 200, Add	0.89	
			For >200 To 500, Add	0.45	

06 13 Heavy Timber Construction (06 10)

06 13 23 Heavy Timber Framing (06 13)

06 13 23 00-0001			Heavy Timber Framing (06 13 23)		
Note: Excludes fasteners. See CSI section 06 05 23 00-0093 for bolts and fasteners.					
06 13 23 00-0002			Heavy Timber Beams (06 13 23 00-0001)		
06 13 23 00-0003			Pine, Heavy Timber Beams (06 13 23 00-0002)		
06 13 23 00-0004	LF		4" x 4", Pine, Heavy Timber Beam.....	5.93	2.08
06 13 23 00-0005	LF		4" x 6", Pine, Heavy Timber Beam.....	6.99	2.16
06 13 23 00-0006	LF		4" x 8", Pine, Heavy Timber Beam.....	8.04	2.25
06 13 23 00-0007	LF		4" x 10", Pine, Heavy Timber Beam.....	10.16	2.41
06 13 23 00-0008	LF		4" x 12", Pine, Heavy Timber Beam.....	11.91	2.55
06 13 23 00-0009	LF		6" x 6", Pine, Heavy Timber Beam.....	8.61	2.35
06 13 23 00-0010	LF		6" x 8", Pine, Heavy Timber Beam.....	10.15	2.46
06 13 23 00-0011	LF		6" x 10", Pine, Heavy Timber Beam.....	13.31	2.64
06 13 23 00-0012	LF		6" x 12", Pine, Heavy Timber Beam.....	15.60	2.69
06 13 23 00-0013	LF		8" x 8", Pine, Heavy Timber Beam.....	12.16	2.55
06 13 23 00-0014	LF		8" x 10", Pine, Heavy Timber Beam.....	15.99	2.64
06 13 23 00-0015	LF		8" x 12", Pine, Heavy Timber Beam.....	19.10	2.69
06 13 23 00-0016	LF		10" x 10", Pine, Heavy Timber Beam.....	18.89	2.69
06 13 23 00-0017	LF		10" x 12", Pine, Heavy Timber Beam.....	22.89	2.92
06 13 23 00-0018	LF		12" x 12", Pine, Heavy Timber Beam.....	26.87	3.22
06 13 23 00-0019			Douglas Fir, Heavy Timber Beams (06 13 23 00-0002)		
06 13 23 00-0020	LF		4" x 4", Douglas Fir, Heavy Timber Beam.....	6.10	2.08
06 13 23 00-0021	LF		4" x 6", Douglas Fir, Heavy Timber Beam.....	7.25	2.16
06 13 23 00-0022	LF		4" x 8", Douglas Fir, Heavy Timber Beam.....	8.40	2.25
06 13 23 00-0023	LF		4" x 10", Douglas Fir, Heavy Timber Beam.....	10.69	2.41

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 13 Heavy Timber Construction**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 13 23 00-0024	LF	4" x 12", Douglas Fir, Heavy Timber Beam.....	12.59	2.55
06 13 23 00-0025	LF	6" x 6", Douglas Fir, Heavy Timber Beam.....	9.00	2.35
06 13 23 00-0026	LF	6" x 8", Douglas Fir, Heavy Timber Beam.....	10.67	2.46
06 13 23 00-0027	LF	6" x 10", Douglas Fir, Heavy Timber Beam.....	14.10	2.64
06 13 23 00-0028	LF	6" x 12", Douglas Fir, Heavy Timber Beam.....	16.63	2.69
06 13 23 00-0029	LF	8" x 8", Douglas Fir, Heavy Timber Beam.....	12.86	2.55
06 13 23 00-0030	LF	8" x 10", Douglas Fir, Heavy Timber Beam.....	17.06	2.64
06 13 23 00-0031	LF	8" x 12", Douglas Fir, Heavy Timber Beam.....	20.46	2.69
06 13 23 00-0032	LF	10" x 10", Douglas Fir, Heavy Timber Beam.....	20.22	2.69
06 13 23 00-0033	LF	10" x 12", Douglas Fir, Heavy Timber Beam.....	24.57	2.92
06 13 23 00-0034	LF	12" x 12", Douglas Fir, Heavy Timber Beam.....	28.91	3.22
06 13 23 00-0035 Pressure Treated, Heavy Timber Beams (06 13 23 00-0002)				
06 13 23 00-0036	LF	4" x 4", Pressure Treated, Heavy Timber Beam.....	6.77	2.08
06 13 23 00-0037	LF	4" x 6", Pressure Treated, Heavy Timber Beam.....	8.50	2.16
06 13 23 00-0038	LF	4" x 8", Pressure Treated, Heavy Timber Beam.....	9.99	2.25
06 13 23 00-0039	LF	4" x 10", Pressure Treated, Heavy Timber Beam.....	13.11	2.41
06 13 23 00-0040	LF	4" x 12", Pressure Treated, Heavy Timber Beam.....	15.66	2.55
06 13 23 00-0041	LF	6" x 6", Pressure Treated, Heavy Timber Beam.....	11.65	2.35
06 13 23 00-0042	LF	6" x 8", Pressure Treated, Heavy Timber Beam.....	14.23	2.46
06 13 23 00-0043	LF	6" x 10", Pressure Treated, Heavy Timber Beam.....	17.03	2.64
06 13 23 00-0044	LF	6" x 12", Pressure Treated, Heavy Timber Beam.....	20.83	2.69
06 13 23 00-0045	LF	8" x 8", Pressure Treated, Heavy Timber Beam.....	21.01	2.55
06 13 23 00-0046	LF	8" x 10", Pressure Treated, Heavy Timber Beam.....	24.37	2.64
06 13 23 00-0047	LF	8" x 12", Pressure Treated, Heavy Timber Beam.....	28.65	2.69
06 13 23 00-0048	LF	10" x 10", Pressure Treated, Heavy Timber Beam.....	28.77	2.69
06 13 23 00-0049	LF	10" x 12", Pressure Treated, Heavy Timber Beam.....	37.99	2.92
06 13 23 00-0050	LF	12" x 12", Pressure Treated, Heavy Timber Beam.....	45.02	3.22
06 13 23 00-0051 Heavy Timber Columns (06 13 23 00-0001)				
06 13 23 00-0052 Pine, Heavy Timber Columns (06 13 23 00-0051)				
06 13 23 00-0053	LF	4" x 4", Pine, Heavy Timber Column.....	3.96	1.10
06 13 23 00-0054	LF	4" x 6", Pine, Heavy Timber Column.....	4.97	1.16
06 13 23 00-0055	LF	4" x 8", Pine, Heavy Timber Column.....	5.91	1.19
06 13 23 00-0056	LF	4" x 10", Pine, Heavy Timber Column.....	7.89	1.26
06 13 23 00-0057	LF	4" x 12", Pine, Heavy Timber Column.....	9.49	1.34
06 13 23 00-0058	LF	6" x 6", Pine, Heavy Timber Column.....	6.42	1.22
06 13 23 00-0059	LF	6" x 8", Pine, Heavy Timber Column.....	7.85	1.28
06 13 23 00-0060	LF	6" x 10", Pine, Heavy Timber Column.....	10.81	1.39
06 13 23 00-0061	LF	6" x 12", Pine, Heavy Timber Column.....	13.04	1.42
06 13 23 00-0062	LF	8" x 8", Pine, Heavy Timber Column.....	9.74	1.34
06 13 23 00-0063	LF	8" x 10", Pine, Heavy Timber Column.....	13.49	1.39
06 13 23 00-0064	LF	8" x 12", Pine, Heavy Timber Column.....	16.50	1.44
06 13 23 00-0065	LF	10" x 10", Pine, Heavy Timber Column.....	16.29	1.44
06 13 23 00-0066	LF	10" x 12", Pine, Heavy Timber Column.....	20.12	1.54
06 13 23 00-0067	LF	12" x 12", Pine, Heavy Timber Column.....	23.81	1.70
06 13 23 00-0068 Douglas Fir, Heavy Timber Columns (06 13 23 00-0051)				
06 13 23 00-0069	LF	4" x 4", Douglas Fir, Heavy Timber Column.....	4.13	1.10
06 13 23 00-0070	LF	4" x 6", Douglas Fir, Heavy Timber Column.....	5.23	1.16
06 13 23 00-0071	LF	4" x 8", Douglas Fir, Heavy Timber Column.....	6.27	1.19
06 13 23 00-0072	LF	4" x 10", Douglas Fir, Heavy Timber Column.....	8.42	1.26
06 13 23 00-0073	LF	4" x 12", Douglas Fir, Heavy Timber Column.....	10.17	1.34
06 13 23 00-0074	LF	6" x 6", Douglas Fir, Heavy Timber Column.....	6.81	1.22
06 13 23 00-0075	LF	6" x 8", Douglas Fir, Heavy Timber Column.....	8.37	1.28
06 13 23 00-0076	LF	6" x 10", Douglas Fir, Heavy Timber Column.....	11.60	1.39
06 13 23 00-0077	LF	6" x 12", Douglas Fir, Heavy Timber Column.....	14.07	1.42
06 13 23 00-0078	LF	8" x 8", Douglas Fir, Heavy Timber Column.....	10.44	1.34
06 13 23 00-0079	LF	8" x 10", Douglas Fir, Heavy Timber Column.....	14.56	1.39
06 13 23 00-0080	LF	8" x 12", Douglas Fir, Heavy Timber Column.....	17.86	1.44
06 13 23 00-0081	LF	10" x 10", Douglas Fir, Heavy Timber Column.....	17.62	1.44
06 13 23 00-0082	LF	10" x 12", Douglas Fir, Heavy Timber Column.....	21.80	1.54
06 13 23 00-0083	LF	12" x 12", Douglas Fir, Heavy Timber Column.....	25.85	1.70
06 13 23 00-0084 Pressure Treated, Heavy Timber Columns (06 13 23 00-0051)				
06 13 23 00-0085	LF	4" x 4", Pressure Treated, Heavy Timber Column.....	4.80	1.10
06 13 23 00-0086	LF	4" x 6", Pressure Treated, Heavy Timber Column.....	6.48	1.16
06 13 23 00-0087	LF	4" x 8", Pressure Treated, Heavy Timber Column.....	7.86	1.19
06 13 23 00-0088	LF	4" x 10", Pressure Treated, Heavy Timber Column.....	10.84	1.26
06 13 23 00-0089	LF	4" x 12", Pressure Treated, Heavy Timber Column.....	13.24	1.34
06 13 23 00-0090	LF	6" x 6", Pressure Treated, Heavy Timber Column.....	9.46	1.22
06 13 23 00-0091	LF	6" x 8", Pressure Treated, Heavy Timber Column.....	11.93	1.28
06 13 23 00-0092	LF	6" x 10", Pressure Treated, Heavy Timber Column.....	14.53	1.39
06 13 23 00-0093	LF	6" x 12", Pressure Treated, Heavy Timber Column.....	18.27	1.42
06 13 23 00-0094	LF	8" x 8", Pressure Treated, Heavy Timber Column.....	18.59	1.34
06 13 23 00-0095	LF	8" x 10", Pressure Treated, Heavy Timber Column.....	21.87	1.39
06 13 23 00-0096	LF	8" x 12", Pressure Treated, Heavy Timber Column.....	26.05	1.44
06 13 23 00-0097	LF	10" x 10", Pressure Treated, Heavy Timber Column.....	26.17	1.44
06 13 23 00-0098	LF	10" x 12", Pressure Treated, Heavy Timber Column.....	35.22	1.54
06 13 23 00-0099	LF	12" x 12", Pressure Treated, Heavy Timber Column.....	41.96	1.70

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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06 15 Wood Decking (06 10)

06 15 13 Wood Floor Decking (06 13)

06 15 13 00-0001		Wood Deck Systems <small>(06 15 13)</small>		
		Note: Includes the deck, joists, girders, railing posts 8' on-center, pickets and railing. Excludes ground posts.		
06 15 13 00-0002		Pressure Treated Wood Deck System <small>(06 15 13 00-0001)</small>		
06 15 13 00-0003		2" x 8" Joists At 16" On Center, Pressure Treated Wood Deck System <small>(06 15 13 00-0002)</small>		
06 15 13 00-0004	SF	5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	35.94	7.22
06 15 13 00-0005	SF	5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	34.72	6.86
06 15 13 00-0006	SF	2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	37.24	7.40
06 15 13 00-0007	SF	2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	36.00	7.04
06 15 13 00-0008		2" x 10" Joists At 16" On Center, Pressure Treated Wood Deck System <small>(06 15 13 00-0002)</small>		
06 15 13 00-0009	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	37.12	7.40
06 15 13 00-0010	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	35.84	7.03
06 15 13 00-0011	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	38.42	7.59
06 15 13 00-0012	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center	37.16	7.21
06 15 13 00-0013		2" x 10" Joists At 24" On Center, Pressure Treated Wood Deck System <small>(06 15 13 00-0002)</small>		
06 15 13 00-0014	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	35.94	7.22
06 15 13 00-0015	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	34.72	6.86
06 15 13 00-0016	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	37.24	7.40
06 15 13 00-0017	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	36.00	7.04
06 15 13 00-0018		Redwood With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0001)</small>		
06 15 13 00-0019		2" x 8" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0018)</small>		
06 15 13 00-0020	SF	5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	38.06	7.22
06 15 13 00-0021	SF	5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	36.93	7.09
06 15 13 00-0022	SF	2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	39.89	7.40
06 15 13 00-0023	SF	2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	38.50	7.04
06 15 13 00-0024		2" x 10" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0018)</small>		
06 15 13 00-0025	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	40.44	7.40
06 15 13 00-0026	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	39.26	7.03
06 15 13 00-0027	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	42.39	7.59
06 15 13 00-0028	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	41.00	7.21
06 15 13 00-0029		2" x 10" Joists At 24" On Center, Redwood With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0018)</small>		
06 15 13 00-0030	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	38.91	7.22
06 15 13 00-0031	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	37.78	6.86
06 15 13 00-0032	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	40.78	7.40
06 15 13 00-0033	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	40.08	7.04
06 15 13 00-0034		Cypress With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0001)</small>		
06 15 13 00-0035		2" x 8" Joists At 16" On Center, Cypress With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0034)</small>		
06 15 13 00-0036	SF	5/4" x 4" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	37.10	7.22
06 15 13 00-0037	SF	5/4" x 6" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	35.93	6.86
06 15 13 00-0038	SF	2" x 4" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	38.81	7.40
06 15 13 00-0039	SF	2" x 6" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	37.40	7.04
06 15 13 00-0040		2" x 10" Joists At 16" On Center, Cypress With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0034)</small>		
06 15 13 00-0041	SF	5/4" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	39.29	7.40
06 15 13 00-0042	SF	5/4" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	38.07	7.03
06 15 13 00-0043	SF	2" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	41.11	7.59
06 15 13 00-0044	SF	2" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	40.08	7.21
06 15 13 00-0045		2" x 10" Joists At 24" On Center, Cypress With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0034)</small>		
06 15 13 00-0046	SF	5/4" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	38.50	7.22
06 15 13 00-0047	SF	5/4" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	36.68	6.86
06 15 13 00-0048	SF	2" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	39.61	7.40
06 15 13 00-0049	SF	2" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	38.58	7.04

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 15 Wood Decking**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 15 13 00-0050	Cedar With Pressure Treated Joists Wood Deck System <small>(06 15 13 00-0001)</small>			
06 15 13 00-0051	2" x 8" Joists At 16" On Center, Cedar With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0050)</small>			
06 15 13 00-0052	SF	5/4" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	36.71	7.22
06 15 13 00-0053	SF	5/4" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	35.51	6.86
06 15 13 00-0054	SF	2" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	38.06	7.40
06 15 13 00-0055	SF	2" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	36.87	7.04
06 15 13 00-0056	2" x 10" Joists At 16" On Center, Cedar With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0050)</small>			
06 15 13 00-0057	SF	5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	37.94	7.40
06 15 13 00-0058	SF	5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	37.04	7.03
06 15 13 00-0059	SF	2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	39.30	7.59
06 15 13 00-0060	SF	2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	38.14	7.21
06 15 13 00-0061	2" x 10" Joists At 24" On Center, Cedar With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0050)</small>			
06 15 13 00-0062	SF	5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	37.18	7.22
06 15 13 00-0063	SF	5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	35.99	6.86
06 15 13 00-0064	SF	2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	38.56	7.40
06 15 13 00-0065	SF	2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	37.36	7.04
06 15 13 00-0066	Wood Stair Systems <small>(06 15 13)</small>			
Note: Includes the decking, joists, girders, railing posts at corners and along stairs, pickets and railing. Excludes ground posts.				
06 15 13 00-0067	Pressure Treated Wood Stair System <small>(06 15 13 00-0066)</small>			
06 15 13 00-0068	2" x 10" Joists, Pressure Treated Wood Stair System <small>(06 15 13 00-0067)</small>			
06 15 13 00-0069	RSR	3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	112.96	17.32
06 15 13 00-0070	RSR	3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	109.86	16.45
06 15 13 00-0071	RSR	3' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	116.39	17.77
06 15 13 00-0072	RSR	3' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	112.76	16.88
06 15 13 00-0073	RSR	3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	118.63	18.19
06 15 13 00-0074	RSR	3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	115.35	17.27
06 15 13 00-0075	RSR	3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	122.21	18.65
06 15 13 00-0076	RSR	3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	118.41	17.73
06 15 13 00-0077	RSR	4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	124.43	19.10
06 15 13 00-0078	RSR	4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	121.00	18.13
06 15 13 00-0079	RSR	4' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	128.19	19.59
06 15 13 00-0080	RSR	4' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	124.19	18.60
06 15 13 00-0081	RSR	5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	131.94	20.05
06 15 13 00-0082	RSR	5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	128.41	19.05
06 15 13 00-0083	RSR	5' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	135.96	20.57
06 15 13 00-0084	RSR	5' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	131.80	19.54
06 15 13 00-0085	2" x 12" Joists, Pressure Treated Wood Stair System <small>(06 15 13 00-0067)</small>			
06 15 13 00-0086	RSR	3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	115.43	17.76
06 15 13 00-0087	RSR	3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	111.84	16.87
06 15 13 00-0088	RSR	3' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	119.04	18.21
06 15 13 00-0089	RSR	3' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	115.38	17.30
06 15 13 00-0090	RSR	3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	121.21	18.64
06 15 13 00-0091	RSR	3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	117.44	17.72
06 15 13 00-0092	RSR	3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	124.99	19.11
06 15 13 00-0093	RSR	3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	121.14	18.16
06 15 13 00-0094	RSR	4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	127.16	19.57
06 15 13 00-0095	RSR	4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	123.19	18.60
06 15 13 00-0096	RSR	4' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	131.12	20.07
06 15 13 00-0097	RSR	4' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	127.07	19.08
06 15 13 00-0098	RSR	5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	134.82	20.56
06 15 13 00-0099	RSR	5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	130.71	19.53
06 15 13 00-0100	RSR	5' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	139.04	21.08
06 15 13 00-0101	RSR	5' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	134.84	20.02
06 15 13 00-0102	Redwood With Pressure Treated Joists, Wood Stair System <small>(06 15 13 00-0066)</small>			
06 15 13 00-0103	2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Stair System <small>(06 15 13 00-0102)</small>			
06 15 13 00-0104	RSR	3' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	124.71	17.32
06 15 13 00-0105	RSR	3' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	121.51	16.45
06 15 13 00-0106	RSR	3' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	128.87	17.77
06 15 13 00-0107	RSR	3' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	125.61	16.88
06 15 13 00-0108	RSR	3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	130.96	18.19
06 15 13 00-0109	RSR	3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	127.58	17.27
06 15 13 00-0110	RSR	3'-6" Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	135.32	18.65
06 15 13 00-0111	RSR	3'-6" Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	131.90	17.73
06 15 13 00-0112	RSR	4' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	137.33	19.10

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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06 15 13 00-0113	RSR	4'	Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	133.77	18.13
06 15 13 00-0114	RSR	4'	Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	141.89	19.59
06 15 13 00-0115	RSR	4'	Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	138.29	18.60
06 15 13 00-0116	RSR	5'	Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	146.12	20.05
06 15 13 00-0117	RSR	5'	Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	142.47	19.05
06 15 13 00-0118	RSR	5'	Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	151.03	20.57
06 15 13 00-0119	RSR	5'	Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	147.31	19.54

06 15 13 00-0120 2" x 12" Joists, Redwood With Pressure Treated Joists, Wood Stair System

<small>(06 15 13 00-0120)</small>					
06 15 13 00-0121	RSR	3'	Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	123.72	17.76
06 15 13 00-0122	RSR	3'	Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	120.42	16.87
06 15 13 00-0123	RSR	3'	Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	127.67	18.21
06 15 13 00-0124	RSR	3'	Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	124.41	17.30
06 15 13 00-0125	RSR	3'-6"	Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	129.91	18.64
06 15 13 00-0126	RSR	3'-6"	Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	126.45	17.72
06 15 13 00-0127	RSR	3'-6"	Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	134.05	19.11
06 15 13 00-0128	RSR	3'-6"	Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	130.63	18.16
06 15 13 00-0129	RSR	4'	Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	136.25	19.57
06 15 13 00-0130	RSR	4'	Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	132.60	18.60
06 15 13 00-0131	RSR	4'	Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	140.59	20.07
06 15 13 00-0132	RSR	4'	Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	136.98	19.08
06 15 13 00-0133	RSR	5'	Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	144.82	20.56
06 15 13 00-0134	RSR	5'	Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	141.06	19.53
06 15 13 00-0135	RSR	5'	Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	149.45	21.08
06 15 13 00-0136	RSR	5'	Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	145.74	20.02

06 15 13 00-0137 Wood Deck And Ramp Systems Repairs (06 15 13)

Note: Includes removal of material and screws. Excludes anchors and bolts.

06 15 13 00-0138 Deck Joist Or Girt (06 15 13 00-0137)

See CSI section 06 11 16 00-0209 for treated wood joist replacement, 06 51 13 00-0012 for plastic/composite lumber joist replacement.

06 15 13 00-0139 Deck Boards (06 15 13 00-0137)

See CSI section 06 51 13 00-0035 for plastic/composite lumber decking replacement.

06 15 13 00-0140	LF	5/4" x 4"	Round Edge Pressure Treated Deck Boards.....	2.17	0.90
06 15 13 00-0141	LF	5/4" x 6"	Round Edge Pressure Treated Deck Boards.....	2.40	1.07
06 15 13 00-0142	LF	2" x 4"	Round Edge Pressure Treated Deck Boards.....	2.30	1.07
06 15 13 00-0143	LF	2" x 6"	Round Edge Pressure Treated Deck Boards.....	3.01	1.23
06 15 13 00-0144	LF	2" x 8"	Round Edge Pressure Treated Deck Boards.....	3.83	1.47
06 15 13 00-0145	LF	2" x 10"	Round Edge Pressure Treated Deck Boards.....	4.70	1.81
06 15 13 00-0146	LF	2" x 12"	Round Edge Pressure Treated Deck Boards.....	5.79	2.13
06 15 13 00-0147	LF	2" x 4"	Round Edge Cedar Deck Boards.....	2.44	1.07
06 15 13 00-0148	LF	2" x 6"	Round Edge Cedar Deck Boards.....	3.10	1.23
06 15 13 00-0149	LF	2" x 4"	Round Edge Redwood Deck Boards.....	2.63	1.07
06 15 13 00-0150	LF	2" x 6"	Round Edge Redwood Deck Boards.....	3.39	1.23

06 15 13 00-0151 Deck Posts (06 15 13 00-0137)

See CSI section 06 11 16 00-0038 for treated wood post replacement, 06 51 13 00-0024 for plastic/composite lumber column replacement.

06 15 13 00-0152 Deck Railing And Pickets (06 15 13 00-0137)

See CSI section 06 51 13 00-0035 for plastic/composite lumber railing replacement.

06 15 13 00-0153	LF	2" x 4"	Pressure Treated Deck Railing.....	2.30	1.07
06 15 13 00-0154	LF	2" x 2"	Pressure Treated Deck Railing Picket.....	1.57	0.82
06 15 13 00-0155	LF	2" x 4"	Cedar Deck Railing.....	2.44	1.07
06 15 13 00-0156	LF	2" x 2"	Cedar Deck Railing Picket.....	1.84	0.82
06 15 13 00-0157	LF	2" x 4"	Redwood Deck Railing.....	2.63	1.07
06 15 13 00-0158	LF	2" x 2"	Redwood Deck Railing Picket.....	1.99	0.82

06 15 13 00-0159 Wood Ramp Systems (06 15 13)

Note: Includes the decking, joists, girders, railing posts at corners and along ramp, pickets and railing. Excludes ground posts.

06 15 13 00-0160 Pressure Treated Wood Ramp System (06 15 13 00-0159)
06 15 13 00-0161 2" x 6" Joists, Pressure Treated Wood Ramp System (06 15 13 00-0160)

06 15 13 00-0162	SF	5/4" x 4"	Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	42.11	7.04
06 15 13 00-0163	SF	5/4" x 6"	Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	40.54	6.68
06 15 13 00-0164	SF	2" x 4"	Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	43.53	7.22
06 15 13 00-0165	SF	2" x 6"	Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	41.95	6.86

06 15 13 00-0166 2" x 8" Joists, Pressure Treated Wood Ramp System (06 15 13 00-0160)

06 15 13 00-0167	SF	5/4" x 4"	Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	43.40	7.22
06 15 13 00-0168	SF	5/4" x 6"	Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	41.80	6.86
06 15 13 00-0169	SF	2" x 4"	Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	44.88	7.40
06 15 13 00-0170	SF	2" x 6"	Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	43.27	7.04

06 15 13 00-0171 2" x 10" Joists, Pressure Treated Wood Ramp System (06 15 13 00-0160)

06 15 13 00-0172	SF	5/4" x 4"	Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	44.73	7.39
06 15 13 00-0173	SF	5/4" x 6"	Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	43.11	7.03

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 15 Wood Decking**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 15 13 00-0174	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	46.27	7.59
06 15 13 00-0175	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	44.62	7.21
06 15 13 00-0176		Redwood With Pressure Treated Joists, Wood Ramp System <small>(06 15 13 00-0159)</small>		
06 15 13 00-0177		2" x 6" Joists, Redwood With Pressure Treated Joists, Wood Ramp System		
06 15 13 00-0178	SF	5/4" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	44.09	7.04
06 15 13 00-0179	SF	5/4" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	42.62	6.68
06 15 13 00-0180	SF	2" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	46.02	7.22
06 15 13 00-0181	SF	2" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	44.29	6.86
06 15 13 00-0182		2" x 8" Joists, Redwood With Pressure Treated Joists, Wood Ramp System		
06 15 13 00-0183	SF	5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	45.52	7.22
06 15 13 00-0184	SF	5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	44.01	6.86
06 15 13 00-0185	SF	2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	47.53	7.40
06 15 13 00-0186	SF	2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	45.77	7.04
06 15 13 00-0187		2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Ramp System		
06 15 13 00-0188	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	48.07	7.39
06 15 13 00-0189	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	46.53	7.03
06 15 13 00-0190	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	50.25	7.59
06 15 13 00-0191	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	48.89	7.21
06 15 13 00-0192		Cedar With Pressure Treated Joists, Wood Ramp System <small>(06 15 13 00-0159)</small>		
06 15 13 00-0193		2" x 6" Joists, Cedar With Pressure Treated Joists, Wood Ramp System <small>(06 15 13 00-0192)</small>		
06 15 13 00-0194	SF	5/4" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	42.81	7.04
06 15 13 00-0195	SF	5/4" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	41.27	6.68
06 15 13 00-0196	SF	2" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	44.29	7.22
06 15 13 00-0197	SF	2" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	42.75	6.86
06 15 13 00-0198		2" x 8" Joists, Cedar With Pressure Treated Joists, Wood Ramp System <small>(06 15 13 00-0192)</small>		
06 15 13 00-0199	SF	5/4" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	44.15	7.22
06 15 13 00-0200	SF	5/4" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	42.58	6.86
06 15 13 00-0201	SF	2" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	45.69	7.40
06 15 13 00-0202	SF	2" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	44.12	7.04
06 15 13 00-0203		2" x 10" Joists, Cedar With Pressure Treated Joists, Wood Ramp System <small>(06 15 13 00-0192)</small>		
06 15 13 00-0204	SF	5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	45.55	7.39
06 15 13 00-0205	SF	5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	43.94	7.03
06 15 13 00-0206	SF	2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	47.14	7.59
06 15 13 00-0207	SF	2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	45.53	7.21

06 16 Sheathing (06 10)**06 16 23 Subflooring** (06 16)**06 16 23 00-0001 Board Type Subflooring** (06 16 23)

06 16 23 00-0002	SF	1" x 8" Regular Surface Board Type Subfloor	2.76	0.93
		Note: 4 Sides Laid In A Regular Pattern.		
		For Water Resistant Coating Or Treatment, Add	0.04	
		For Foil Backing, Add	0.07	
		For Tongue And Groove, Add	0.05	
06 16 23 00-0003	SF	1" x 8" Diagonal Surface Board Type Subfloor	3.13	1.17
		Note: 4 Sides Laid In A Diagonal Pattern.		
		For Water Resistant Coating Or Treatment, Add	0.04	
		For Foil Backing, Add	0.07	
		For Tongue And Groove, Add	0.05	
06 16 23 00-0004	SF	1" x 10" Regular Surface Board Type Subfloor	2.59	0.82
		Note: 4 sides laid in a regular pattern.		
		For Water Resistant Coating Or Treatment, Add	0.04	
		For Foil Backing, Add	0.07	
		For Tongue And Groove, Add	0.05	
06 16 23 00-0005	SF	1" x 10" Diagonal Surface Board Type Subfloor	2.86	0.93
		Note: 4 sides laid in a diagonal pattern.		
		For Water Resistant Coating Or Treatment, Add	0.04	
		For Foil Backing, Add	0.07	
		For Tongue And Groove, Add	0.05	

06 16 33 Wood Board Sheathing (06 16)**06 16 33 00-0001 Plywood** (06 16 33)**06 16 33 00-0002 Roof Decking** (06 16 33 00-0001)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0003	SF		3/8" Thick CDX Plywood Roof Decking .....2.13		0.59
			Note: Applied to wood rafters.		
			For Shear Wall Construction, Add	0.28	
			For Exterior CC Grade Plywood, Add	0.11	
			For Application To Metal Studs, Joists, Or Rafters, Add	0.28	
			For ACQ Preservative Treatment, Add	0.36	
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.07	
			For Fire Retardant Treatment, Add	0.59	
			For >1,696 To 3,200, Deduct	-0.05	
			For >3,200 To 6,400, Deduct	-0.07	
			For >6,400 To 12,800, Deduct	-0.12	
			For >12,800, Deduct	-0.16	
06 16 33 00-0004	SF		1/2" Thick CDX Plywood Roof Decking .....2.41		0.70
			Note: Applied to wood rafters.		
			For Shear Wall Construction, Add	0.30	
			For Exterior CC Grade Plywood, Add	0.14	
			For Application To Metal Studs, Joists, Or Rafters, Add	0.30	
			For ACQ Preservative Treatment, Add	0.44	
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.25	
			For Fire Retardant Treatment, Add	0.72	
			For >1,696 To 3,200, Deduct	-0.05	
			For >3,200 To 6,400, Deduct	-0.08	
			For >6,400 To 12,800, Deduct	-0.14	
			For >12,800, Deduct	-0.18	
06 16 33 00-0005	SF		5/8" Thick CDX Plywood Roof Decking .....2.69		0.70
			Note: Applied to wood rafters.		
			For Shear Wall Construction, Add	0.32	
			For Exterior CC Grade Plywood, Add	0.16	
			For Application To Metal Studs, Joists, Or Rafters, Add	0.32	
			For ACQ Preservative Treatment, Add	0.51	
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.43	
			For Fire Retardant Treatment, Add	0.85	
			For >1,696 To 3,200, Deduct	-0.06	
			For >3,200 To 6,400, Deduct	-0.10	
			For >6,400 To 12,800, Deduct	-0.16	
			For >12,800, Deduct	-0.21	
			For Tongue And Groove, Add	0.07	
06 16 33 00-0006	SF		3/4" Thick CDX Plywood Roof Decking .....2.98		0.82
			Note: Applied to wood rafters.		
			For Shear Wall Construction, Add	0.35	
			For Exterior CC Grade Plywood, Add	0.18	
			For Application To Metal Studs, Joists, Or Rafters, Add	0.35	
			For ACQ Preservative Treatment, Add	0.59	
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.63	
			For Fire Retardant Treatment, Add	0.97	
			For >1,696 To 3,200, Deduct	-0.07	
			For >3,200 To 6,400, Deduct	-0.11	
			For >6,400 To 12,800, Deduct	-0.18	
			For >12,800, Deduct	-0.24	
			For Tongue And Groove, Add	0.09	
06 16 33 00-0007	SF		1" Thick CDX Plywood Roof Decking .....3.58		0.93
			Note: Applied to wood rafters.		
			For Shear Wall Construction, Add	0.38	
			For Exterior CC Grade Plywood, Add	0.25	
			For Application To Metal Studs, Joists, Or Rafters, Add	0.38	
			For ACQ Preservative Treatment, Add	0.80	
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.87	
			For Fire Retardant Treatment, Add	1.32	
			For >1,696 To 3,200, Deduct	-0.10	
			For >3,200 To 6,400, Deduct	-0.15	
			For >6,400 To 12,800, Deduct	-0.23	
			For >12,800, Deduct	-0.30	
			For Tongue And Groove, Add	0.12	
06 16 33 00-0008			Wall Sheathing (06 16 33 00-0001)		
06 16 33 00-0009	SF		1/4" Interior BC Plywood Wall Sheathing .....2.49		0.82
			Note: Applied to wall studs.		
			For Shear Wall Construction, Add	0.35	
			For Exterior CC Grade Plywood, Add	0.11	
			For Application To Metal Studs, Joists, Or Rafters, Add	0.35	
			For Ceiling Installation, Add	0.18	
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.63	
			For Fire Retardant Treatment, Add	0.58	
			For >1,696 To 3,200, Deduct	-0.04	
			For >3,200 To 6,400, Deduct	-0.07	
			For >6,400 To 12,800, Deduct	-0.13	
			For >12,800, Deduct	-0.18	
06 16 33 00-0010	SF		5/16" Interior BC Plywood Wall Sheathing .....2.53		0.82
			Note: Applied to wall studs.		
			For Shear Wall Construction, Add	0.35	
			For Exterior CC Grade Plywood, Add	0.12	
			For Application To Metal Studs, Joists, Or Rafters, Add	0.35	
			For Ceiling Installation, Add	0.18	
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.63	
			For Fire Retardant Treatment, Add	0.62	
			For >1,696 To 3,200, Deduct	-0.05	
			For >3,200 To 6,400, Deduct	-0.07	
			For >6,400 To 12,800, Deduct	-0.13	
			For >12,800, Deduct	-0.18	

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 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 16 33 00-0011	SF	3/8" Interior BC Plywood Wall Sheathing.....	2.60	0.93
		Note: Applied to wall studs.		
		For Shear Wall Construction, Add	0.35	
		For Exterior CC Grade Plywood, Add	0.13	
		For Application To Metal Studs, Joists, Or Rafters, Add	0.35	
		For Ceiling Installation, Add	0.18	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.63	
		For Fire Retardant Treatment, Add	0.67	
		For >1,696 To 3,200, Deduct	-0.05	
		For >3,200 To 6,400, Deduct	-0.08	
		For >6,400 To 12,800, Deduct	-0.14	
		For >12,800, Deduct	-0.19	
06 16 33 00-0012	SF	1/2" Interior BC Plywood Wall Sheathing.....	2.94	0.93
		Note: Applied to wall studs.		
		For Shear Wall Construction, Add	0.37	
		For Exterior CC Grade Plywood, Add	0.16	
		For Application To Metal Studs, Joists, Or Rafters, Add	0.37	
		For Ceiling Installation, Add	0.19	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.81	
		For Fire Retardant Treatment, Add	0.85	
		For >1,696 To 3,200, Deduct	-0.06	
		For >3,200 To 6,400, Deduct	-0.10	
		For >6,400 To 12,800, Deduct	-0.16	
		For >12,800, Deduct	-0.22	
06 16 33 00-0013	SF	5/8" Interior BC Plywood Wall Sheathing.....	3.22	1.06
		Note: Applied to wall studs.		
		For Shear Wall Construction, Add	0.40	
		For Exterior CC Grade Plywood, Add	0.18	
		For Application To Metal Studs, Joists, Or Rafters, Add	0.40	
		For Ceiling Installation, Add	0.20	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	3.02	
		For Fire Retardant Treatment, Add	0.96	
		For >1,696 To 3,200, Deduct	-0.07	
		For >3,200 To 6,400, Deduct	-0.11	
		For >6,400 To 12,800, Deduct	-0.18	
		For >12,800, Deduct	-0.25	
06 16 33 00-0014	SF	3/4" Interior BC Plywood Wall Sheathing.....	3.55	1.17
		Note: Applied to wall studs.		
		For Shear Wall Construction, Add	0.43	
		For Exterior CC Grade Plywood, Add	0.21	
		For Application To Metal Studs, Joists, Or Rafters, Add	0.43	
		For Ceiling Installation, Add	0.22	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	3.24	
		For Fire Retardant Treatment, Add	1.10	
		For >1,696 To 3,200, Deduct	-0.08	
		For >3,200 To 6,400, Deduct	-0.13	
		For >6,400 To 12,800, Deduct	-0.21	
		For >12,800, Deduct	-0.27	
06 16 33 00-0015		Floor Decking <small>(06 16 33 00-0001)</small>		
		Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0016	SF	5/16" CD Grade Plywood Floor Decking.....	1.85	0.70
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	1.98	
		For Fire Retardant Treatment, Add	0.42	
		For >1,696 To 3,200, Deduct	-0.03	
		For >3,200 To 6,400, Deduct	-0.05	
		For >6,400 To 12,800, Deduct	-0.09	
		For >12,800, Deduct	-0.13	
		For ACQ Preservative Treatment, Add	0.25	
		For Fir Plywood, Add	0.10	
		For BC Grade Plywood, Add	0.08	
		For Exterior Glue, Add	0.05	
		For Marine Grade, Add	0.41	
06 16 33 00-0017	SF	3/8" CD Grade Plywood Floor Decking.....	2.01	0.70
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.09	
		For Fire Retardant Treatment, Add	0.49	
		For >1,696 To 3,200, Deduct	-0.04	
		For >3,200 To 6,400, Deduct	-0.06	
		For >6,400 To 12,800, Deduct	-0.10	
		For >12,800, Deduct	-0.14	
		For ACQ Preservative Treatment, Add	0.30	
		For Fir Plywood, Add	0.11	
		For BC Grade Plywood, Add	0.09	
		For Exterior Glue, Add	0.06	
		For Marine Grade, Add	0.49	
06 16 33 00-0018	SF	1/2" CD Grade Plywood Floor Decking.....	2.28	0.70
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.19	
		For Fire Retardant Treatment, Add	0.65	
		For >1,696 To 3,200, Deduct	-0.05	
		For >3,200 To 6,400, Deduct	-0.07	
		For >6,400 To 12,800, Deduct	-0.13	
		For >12,800, Deduct	-0.17	
		For ACQ Preservative Treatment, Add	0.39	
		For Fir Plywood, Add	0.15	
		For BC Grade Plywood, Add	0.12	
		For Exterior Glue, Add	0.08	
		For Marine Grade, Add	0.64	

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
06 16 33 00-0019	SF	5/8" CD Grade Plywood Floor Decking.....	2.51		0.70
		Note: Applied to floor or joists.			
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.39		
		For Fire Retardant Treatment, Add	0.73		
		For >1,696 To 3,200, Deduct	-0.06		
		For >3,200 To 6,400, Deduct	-0.08		
		For >6,400 To 12,800, Deduct	-0.14		
		For >12,800, Deduct	-0.19		
		For ACQ Preservative Treatment, Add	0.44		
		For Fir Plywood, Add	0.17		
		For BC Grade Plywood, Add	0.14		
		For Exterior Glue, Add	0.09		
		For Marine Grade, Add	0.72		
06 16 33 00-0020	SF	3/4" CD Grade Plywood Floor Decking.....	2.87		0.70
		Note: Applied to floor or joists.			
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.54		
		For Fire Retardant Treatment, Add	0.93		
		For >1,696 To 3,200, Deduct	-0.07		
		For >3,200 To 6,400, Deduct	-0.11		
		For >6,400 To 12,800, Deduct	-0.17		
		For >12,800, Deduct	-0.23		
		For ACQ Preservative Treatment, Add	0.57		
		For Fir Plywood, Add	0.22		
		For BC Grade Plywood, Add	0.17		
		For Exterior Glue, Add	0.11		
		For Marine Grade, Add	0.92		
06 16 33 00-0021	SF	1-1/8" CD Grade Plywood Floor Decking.....	4.26		1.06
		Note: Applied to floor or joists.			
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	3.03		
		For Fire Retardant Treatment, Add	1.77		
		For >1,696 To 3,200, Deduct	-0.13		
		For >3,200 To 6,400, Deduct	-0.20		
		For >6,400 To 12,800, Deduct	-0.30		
		For >12,800, Deduct	-0.37		
		For ACQ Preservative Treatment, Add	1.08		
		For Fir Plywood, Add	0.41		
		For BC Grade Plywood, Add	0.33		
		For Exterior Glue, Add	0.21		
		For Marine Grade, Add	1.75		
06 16 33 00-0022	SF	1/2" AC Fir Plywood Floor Decking.....	2.77		0.70
		Note: Applied to floor or joists.			
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.19		
		For Fire Retardant Treatment, Add	1.03		
		For >1,696 To 3,200, Deduct	-0.08		
		For >3,200 To 6,400, Deduct	-0.12		
		For >6,400 To 12,800, Deduct	-0.18		
		For >12,800, Deduct	-0.23		
		For ACQ Preservative Treatment, Add	0.63		
		For Exterior Glue, Add	0.12		
		For Marine Grade, Add	1.03		
		For Tongue And Groove, Add	0.09		
06 16 33 00-0023	SF	5/8" AC Fir Plywood Floor Decking.....	3.03		0.70
		Note: Applied to floor or joists.			
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.39		
		For Fire Retardant Treatment, Add	1.14		
		For >1,696 To 3,200, Deduct	-0.09		
		For >3,200 To 6,400, Deduct	-0.13		
		For >6,400 To 12,800, Deduct	-0.20		
		For >12,800, Deduct	-0.25		
		For ACQ Preservative Treatment, Add	0.69		
		For Exterior Glue, Add	0.13		
		For Marine Grade, Add	1.13		
		For Tongue And Groove, Add	0.10		
06 16 33 00-0024	SF	3/4" AC Fir Plywood Floor Decking.....	3.25		0.70
		Note: Applied to floor or joists.			
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.54		
		For Fire Retardant Treatment, Add	1.23		
		For >1,696 To 3,200, Deduct	-0.09		
		For >3,200 To 6,400, Deduct	-0.14		
		For >6,400 To 12,800, Deduct	-0.21		
		For >12,800, Deduct	-0.27		
		For ACQ Preservative Treatment, Add	0.75		
		For Exterior Glue, Add	0.15		
		For Marine Grade, Add	1.22		
		For Tongue And Groove, Add	0.11		
06 16 33 00-0025		Underlayment Grade (06 16 33 00-0001)			
		Note: Includes patching of seams and all fastener holes where necessary.			
06 16 33 00-0026	SF	1/4" Thick Plywood Underlayment BC Grade	1.98		0.70
		For Fire Retardant Treatment, Add	0.50		
		For >1,696 To 3,200, Deduct	-0.04		
		For >3,200 To 6,400, Deduct	-0.06		
		For >6,400 To 12,800, Deduct	-0.09		
		For >12,800, Deduct	-0.14		
06 16 33 00-0027	SF	3/8" Thick Plywood Underlayment BC Grade	2.10		0.70
		For Fire Retardant Treatment, Add	0.54		
		For >1,696 To 3,200, Deduct	-0.04		
		For >3,200 To 6,400, Deduct	-0.06		
		For >6,400 To 12,800, Deduct	-0.10		
		For >12,800, Deduct	-0.15		

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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 16 33 00-0028	SF	1/2" Thick Plywood Underlayment BC Grade	2.19	0.82
		<i>For Fire Retardant Treatment, Add</i>	0.58	
		<i>For >1,696 To 3,200, Deduct</i>	-0.04	
		<i>For >3,200 To 6,400, Deduct</i>	-0.07	
		<i>For >6,400 To 12,800, Deduct</i>	-0.10	
		<i>For >12,800, Deduct</i>	-0.16	
06 16 33 00-0029	SF	5/8" Thick Plywood Underlayment BC Grade	2.50	0.82
		<i>For Fire Retardant Treatment, Add</i>	0.70	
		<i>For >1,696 To 3,200, Deduct</i>	-0.05	
		<i>For >3,200 To 6,400, Deduct</i>	-0.08	
		<i>For >6,400 To 12,800, Deduct</i>	-0.12	
		<i>For >12,800, Deduct</i>	-0.19	
		<i>For Tongue And Groove, Add</i>	0.06	
06 16 33 00-0030	SF	3/4" Thick Plywood Underlayment BC Grade	2.69	0.82
		<i>For Fire Retardant Treatment, Add</i>	0.85	
		<i>For >1,696 To 3,200, Deduct</i>	-0.06	
		<i>For >3,200 To 6,400, Deduct</i>	-0.10	
		<i>For >6,400 To 12,800, Deduct</i>	-0.14	
		<i>For >12,800, Deduct</i>	-0.21	
		<i>For Tongue And Groove, Add</i>	0.07	
06 16 33 00-0031	SF	1-1/8" Thick Plywood Underlayment BC Grade	3.44	0.93
		<i>For Fire Retardant Treatment, Add</i>	1.28	
		<i>For >1,696 To 3,200, Deduct</i>	-0.10	
		<i>For >3,200 To 6,400, Deduct</i>	-0.15	
		<i>For >6,400 To 12,800, Deduct</i>	-0.19	
		<i>For >12,800, Deduct</i>	-0.29	
		<i>For Tongue And Groove, Add</i>	0.11	
06 16 33 00-0032	SF	3/8" Thick CDX Plywood Underlayment Grade	2.26	0.70
		<i>For Fire Retardant Treatment, Add</i>	0.66	
		<i>For >1,696 To 3,200, Deduct</i>	-0.05	
		<i>For >3,200 To 6,400, Deduct</i>	-0.08	
		<i>For >6,400 To 12,800, Deduct</i>	-0.11	
		<i>For >12,800, Deduct</i>	-0.17	
06 16 33 00-0033	SF	5/8" Thick CDX Plywood Underlayment Grade	2.85	0.82
		<i>For Fire Retardant Treatment, Add</i>	1.00	
		<i>For >1,696 To 3,200, Deduct</i>	-0.08	
		<i>For >3,200 To 6,400, Deduct</i>	-0.11	
		<i>For >6,400 To 12,800, Deduct</i>	-0.15	
		<i>For >12,800, Deduct</i>	-0.23	
06 16 33 00-0034		Oriented Strand Board <small>(06 16 33)</small>		
06 16 33 00-0035		On Roof <small>(06 16 33 00-0034)</small>		
06 16 33 00-0036	SF	3/8" Thick Structural Oriented Strand Board (OSB) On Roof	1.74	0.70
		<i>For >1,408 To 3,200, Deduct</i>	-0.02	
		<i>For >3,200 To 6,400, Deduct</i>	-0.03	
		<i>For >6,400 To 12,800, Deduct</i>	-0.07	
		<i>For >12,800, Deduct</i>	-0.11	
		<i>For Fire Retardant Treatment, Add</i>	0.28	
		<i>For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	2.07	
06 16 33 00-0037	SF	1/2" Thick Structural Oriented Strand Board (OSB) On Roof	1.92	0.70
		<i>For >1,408 To 3,200, Deduct</i>	-0.03	
		<i>For >3,200 To 6,400, Deduct</i>	-0.04	
		<i>For >6,400 To 12,800, Deduct</i>	-0.08	
		<i>For >12,800, Deduct</i>	-0.13	
		<i>For Fire Retardant Treatment, Add</i>	0.33	
		<i>For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	2.25	
06 16 33 00-0038	SF	5/8" Thick Structural Oriented Strand Board (OSB) On Roof	2.23	0.82
		<i>For >1,408 To 3,200, Deduct</i>	-0.04	
		<i>For >3,200 To 6,400, Deduct</i>	-0.05	
		<i>For >6,400 To 12,800, Deduct</i>	-0.11	
		<i>For >12,800, Deduct</i>	-0.15	
		<i>For Fire Retardant Treatment, Add</i>	0.48	
		<i>For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	2.43	
06 16 33 00-0039	SF	3/4" Thick Structural Oriented Strand Board (OSB) On Roof	2.56	0.82
		<i>For >1,408 To 3,200, Deduct</i>	-0.05	
		<i>For >3,200 To 6,400, Deduct</i>	-0.07	
		<i>For >6,400 To 12,800, Deduct</i>	-0.13	
		<i>For >12,800, Deduct</i>	-0.18	
		<i>For Fire Retardant Treatment, Add</i>	0.64	
		<i>For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	2.63	
06 16 33 00-0040		On Walls <small>(06 16 33 00-0034)</small>		
06 16 33 00-0041	SF	3/8" Thick Structural Oriented Strand Board (OSB) On Walls	2.11	0.82
		<i>For >1,408 To 3,200, Deduct</i>	-0.02	
		<i>For >3,200 To 6,400, Deduct</i>	-0.03	
		<i>For >6,400 To 12,800, Deduct</i>	-0.08	
		<i>For >12,800, Deduct</i>	-0.13	
		<i>For Fire Retardant Treatment, Add</i>	0.28	
		<i>For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	2.63	
06 16 33 00-0042	SF	1/2" Thick Structural Oriented Strand Board (OSB) On Walls	2.29	0.93
		<i>For >1,408 To 3,200, Deduct</i>	-0.03	
		<i>For >3,200 To 6,400, Deduct</i>	-0.04	
		<i>For >6,400 To 12,800, Deduct</i>	-0.09	
		<i>For >12,800, Deduct</i>	-0.14	
		<i>For Fire Retardant Treatment, Add</i>	0.33	
		<i>For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	2.81	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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06 16 33 00-0043	SF		5/8" Thick Structural Oriented Strand Board (OSB) On Walls <i>For >1,408 To 3,200, Deduct</i> <i>For >3,200 To 6,400, Deduct</i> <i>For >6,400 To 12,800, Deduct</i> <i>For >12,800, Deduct</i> <i>For Fire Retardant Treatment, Add</i> <i>For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	2.62 -0.04 -0.05 -0.12 -0.17 0.48 3.02	1.06
06 16 33 00-0044	SF		3/4" Thick Structural Oriented Strand Board (OSB) On Walls <i>For >1,408 To 3,200, Deduct</i> <i>For >3,200 To 6,400, Deduct</i> <i>For >6,400 To 12,800, Deduct</i> <i>For >12,800, Deduct</i> <i>For Fire Retardant Treatment, Add</i> <i>For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	2.97 -0.05 -0.07 -0.14 -0.21 0.64 3.24	1.06
06 16 33 00-0045 On Floors <small>(06 16 33 00-0034)</small>					
Note: Includes patching of seams and all fastener holes where necessary.					
06 16 33 00-0046	SF		3/8" Thick Structural Oriented Strand Board (OSB) On Floors <i>For >1,408 To 3,200, Deduct</i> <i>For >3,200 To 6,400, Deduct</i> <i>For >6,400 To 12,800, Deduct</i> <i>For >12,800, Deduct</i> <i>For Fire Retardant Treatment, Add</i> <i>For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	1.77 -0.02 -0.03 -0.07 -0.11 0.28 2.12	0.70
06 16 33 00-0047	SF		1/2" Thick Structural Oriented Strand Board (OSB) On Floors <i>For >1,408 To 3,200, Deduct</i> <i>For >3,200 To 6,400, Deduct</i> <i>For >6,400 To 12,800, Deduct</i> <i>For >12,800, Deduct</i> <i>For Fire Retardant Treatment, Add</i> <i>For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	2.11 -0.03 -0.04 -0.09 -0.13 0.33 2.54	0.82
06 16 33 00-0048	SF		5/8" Thick Structural Oriented Strand Board (OSB) On Floors <i>For >1,408 To 3,200, Deduct</i> <i>For >3,200 To 6,400, Deduct</i> <i>For >6,400 To 12,800, Deduct</i> <i>For >12,800, Deduct</i> <i>For Fire Retardant Treatment, Add</i> <i>For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	2.45 -0.04 -0.05 -0.11 -0.17 0.48 2.76	0.93
06 16 33 00-0049	SF		3/4" Thick Structural Oriented Strand Board (OSB) On Floors <i>For >1,408 To 3,200, Deduct</i> <i>For >3,200 To 6,400, Deduct</i> <i>For >6,400 To 12,800, Deduct</i> <i>For >12,800, Deduct</i> <i>For Fire Retardant Treatment, Add</i> <i>For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	2.82 -0.05 -0.07 -0.14 -0.20 0.64 3.02	1.06
06 16 33 00-0050 Particle Board <small>(06 16 33)</small>					
06 16 33 00-0051 Particle Board Floor Decking <small>(06 16 33 00-0050)</small>					
Note: Includes patching of seams and all fastener holes where necessary.					
06 16 33 00-0052	SF		3/8" Particle Board Floor Decking Note: Applied to plywood subfloor. <i>For Fire Retardant Treatment Add</i> <i>For >1,536 To 3,200, Deduct</i> <i>For >3,200 To 6,400, Deduct</i> <i>For >6,400 To 12,800, Deduct</i> <i>For >12,800, Deduct</i> <i>For Tongue And Groove, Add</i>	1.69 0.24 -0.02 -0.03 -0.07 -0.11 0.02	0.59
06 16 33 00-0053	SF		1/2" Particle Board Floor Decking Note: Applied to plywood subfloor. <i>For Fire Retardant Treatment Add</i> <i>For >1,536 To 3,200, Deduct</i> <i>For >3,200 To 6,400, Deduct</i> <i>For >6,400 To 12,800, Deduct</i> <i>For >12,800, Deduct</i> <i>For Tongue And Groove, Add</i>	1.89 0.34 -0.03 -0.04 -0.08 -0.12 0.03	0.59
06 16 33 00-0054	SF		5/8" Particle Board Floor Decking Note: Applied to plywood subfloor. <i>For Fire Retardant Treatment Add</i> <i>For >1,536 To 3,200, Deduct</i> <i>For >3,200 To 6,400, Deduct</i> <i>For >6,400 To 12,800, Deduct</i> <i>For >12,800, Deduct</i> <i>For Tongue And Groove, Add</i>	2.08 0.43 -0.03 -0.05 -0.10 -0.14 0.04	0.70
06 16 33 00-0055	SF		3/4" Particle Board Floor Decking Note: Applied to plywood subfloor. <i>For Fire Retardant Treatment Add</i> <i>For >1,536 To 3,200, Deduct</i> <i>For >3,200 To 6,400, Deduct</i> <i>For >6,400 To 12,800, Deduct</i> <i>For >12,800, Deduct</i> <i>For Tongue And Groove, Add</i>	2.26 0.50 -0.04 -0.06 -0.11 -0.16 0.04	0.70

06 16 43 Gypsum Sheathing (06 16)
06 16 43 00-0001 Exterior Gypsum Sheathing (06 16 43)

Note: Includes moisture resistant core and fiberglass mats on both sides and long edges.

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 16 Sheathing**
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06 16 43 00-0002	SF	1/2" Exterior Gypsum Sheathing (GP Dens-Glass Gold)	2.90	0.93
		<i>For Application To Metal Studs, Joists, Or Rafters, Add</i>	0.37	
		<i>For Ceiling Installation, Add</i>	0.19	
		<i>For >1,696 To 3,200, Deduct</i>	-0.06	
		<i>For >3,200 To 6,400, Deduct</i>	-0.09	
		<i>For >6,400 To 12,800, Deduct</i>	-0.16	
		<i>For >12,800, Deduct</i>	-0.22	
		<i>For Selective Replacement <400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add</i>	2.81	
06 16 43 00-0003	SF	5/8" Exterior Gypsum Sheathing (GP Dens-Glass Gold)	3.13	1.17
		<i>For Application To Metal Studs, Joists, Or Rafters, Add</i>	0.40	
		<i>For Ceiling Installation, Add</i>	0.20	
		<i>For >1,696 To 3,200, Deduct</i>	-0.07	
		<i>For >3,200 To 6,400, Deduct</i>	-0.10	
		<i>For >6,400 To 12,800, Deduct</i>	-0.17	
		<i>For >12,800, Deduct</i>	-0.23	
		<i>For Selective Replacement <400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add</i>	3.02	

06 17 Shop-Fabricated Structural Wood (06 10)**06 17 13 Laminated Veneer Lumber** (06 17)**06 17 13 00-0001 Laminated Veneer Lumber (LVL)** (06 17 13)

06 17 13 00-0002	LF	1-3/4" Wide x 5-1/2" Deep Laminated Veneer Lumber (LVL)	6.92	2.03
06 17 13 00-0003	LF	1-3/4" Wide x 7-1/4" Deep Laminated Veneer Lumber (LVL)	7.50	2.06
06 17 13 00-0004	LF	1-3/4" Wide x 9-1/2" Deep Laminated Veneer Lumber (LVL)	8.16	2.09
06 17 13 00-0005	LF	1-3/4" Wide x 11-7/8" Deep Laminated Veneer Lumber (LVL)	9.00	2.12
06 17 13 00-0006	LF	1-3/4" Wide x 14" Deep Laminated Veneer Lumber (LVL)	9.64	2.16
06 17 13 00-0007	LF	1-3/4" Wide x 16" Deep Laminated Veneer Lumber (LVL)	10.53	2.23
06 17 13 00-0008	LF	1-3/4" Wide x 18" Deep Laminated Veneer Lumber (LVL)	11.79	2.27
06 17 13 00-0009	LF	1-3/4" Wide x 24" Deep Laminated Veneer Lumber (LVL)	15.83	2.58

06 17 23 Parallel Strand Lumber (06 17)**06 17 23 00-0001 Laminated Strand Lumber (LSL)** (06 17 23)

06 17 23 00-0002	LF	2" x 4" Laminated Strand Lumber (LSL)	2.38	0.93
06 17 23 00-0003	LF	2" x 6" Laminated Strand Lumber (LSL)	3.08	1.00

06 17 33 Wood I-Joists (06 17)**06 17 33 00-0001 Prefabricated Wood I-Joists** (06 17 33)

06 17 33 00-0002	LF	9-1/2" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	4.30	1.31
		<i>For I-Joists 30' To 40' In Length, Add</i>	0.57	
		<i>For I-Joists >40' In Length, Add</i>	1.41	
06 17 33 00-0003	LF	11-7/8" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	4.68	1.46
		<i>For I-Joists 30' To 40' In Length, Add</i>	0.64	
		<i>For I-Joists >40' In Length, Add</i>	1.58	
06 17 33 00-0004	LF	14" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	5.43	1.64
		<i>For I-Joists 30' To 40' In Length, Add</i>	0.72	
		<i>For I-Joists >40' In Length, Add</i>	1.77	
06 17 33 00-0005	LF	16" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	6.11	1.83
		<i>For I-Joists 30' To 40' In Length, Add</i>	0.80	
		<i>For I-Joists >40' In Length, Add</i>	1.97	

06 17 43 Rim Boards (06 17)**06 17 43 00-0001 Oriented Strand Board (OSB) Rim Board** (06 17 43)

06 17 43 00-0002	LF	1-1/8" Wide x 9-1/2" Deep, Oriented Strand Board (OSB) Rim Board	5.88	2.09
06 17 43 00-0003	LF	1-1/8" Wide x 11-7/8" Deep, Oriented Strand Board (OSB) Rim Board	6.34	2.12
06 17 43 00-0004	LF	1-1/8" Wide x 14" Deep, Oriented Strand Board (OSB) Rim Board	6.88	2.16

06 17 53 Shop-Fabricated Wood Trusses (06 17)

Note: Includes temporary and permanent bracing, and fastening with truss tie-downs.

06 17 53 00-0001 Pre-Assembled Wood Roof Trusses (06 17 53)

Note: For King Post, Queen Post, Fink or Howe types. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords >42'.

06 17 53 00-0002	EA	10' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	184.51	76.67
		<i>For Up To 15, Add</i>	2.34	
		<i>For >35, Deduct</i>	-1.56	
		<i>For 3 In 12 Slope, Add</i>	0.94	
		<i>For 5 In 12 Slope, Add</i>	2.49	
		<i>For 6 In 12 Slope, Add</i>	4.68	
		<i>For 7 In 12 Slope, Add</i>	6.23	
		<i>For 8 In 12 Slope, Add</i>	7.48	
06 17 53 00-0003	EA	12' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	204.34	83.97
		<i>For Up To 15, Add</i>	2.73	
		<i>For >35, Deduct</i>	-1.82	
		<i>For 3 In 12 Slope, Add</i>	1.09	
		<i>For 5 In 12 Slope, Add</i>	2.91	
		<i>For 6 In 12 Slope, Add</i>	5.46	
		<i>For 7 In 12 Slope, Add</i>	7.28	
		<i>For 8 In 12 Slope, Add</i>	8.74	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0004	EA		14' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	226.36	91.27
			For Up To 15, Add	3.29	
			For >35, Deduct	-2.19	
			For 3 In 12 Slope, Add	1.31	
			For 5 In 12 Slope, Add	3.50	
			For 6 In 12 Slope, Add	6.57	
			For 7 In 12 Slope, Add	8.76	
			For 8 In 12 Slope, Add	10.51	
06 17 53 00-0005	EA		16' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	254.09	98.58
			For Up To 15, Add	4.27	
			For >35, Deduct	-2.85	
			For 3 In 12 Slope, Add	1.71	
			For 5 In 12 Slope, Add	4.55	
			For 6 In 12 Slope, Add	8.54	
			For 7 In 12 Slope, Add	11.39	
			For 8 In 12 Slope, Add	13.66	
06 17 53 00-0006	EA		18' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	278.52	105.88
			For Up To 15, Add	5.01	
			For >35, Deduct	-3.34	
			For 3 In 12 Slope, Add	2.00	
			For 5 In 12 Slope, Add	5.34	
			For 6 In 12 Slope, Add	10.01	
			For 7 In 12 Slope, Add	13.35	
			For 8 In 12 Slope, Add	16.02	
06 17 53 00-0007	EA		20' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	296.00	116.83
			For Up To 15, Add	4.67	
			For >35, Deduct	-3.12	
			For 3 In 12 Slope, Add	1.87	
			For 5 In 12 Slope, Add	4.99	
			For 6 In 12 Slope, Add	9.35	
			For 7 In 12 Slope, Add	12.47	
			For 8 In 12 Slope, Add	14.96	
06 17 53 00-0008	EA		22' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	312.42	186.20
			For Up To 15, Add	4.81	
			For >35, Deduct	-3.21	
			For 3 In 12 Slope, Add	1.92	
			For 5 In 12 Slope, Add	5.13	
			For 6 In 12 Slope, Add	9.62	
			For 7 In 12 Slope, Add	12.83	
			For 8 In 12 Slope, Add	15.40	
06 17 53 00-0009	EA		24' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	332.46	131.43
			For Up To 15, Add	5.22	
			For >35, Deduct	-3.48	
			For 3 In 12 Slope, Add	2.09	
			For 5 In 12 Slope, Add	5.57	
			For 6 In 12 Slope, Add	10.44	
			For 7 In 12 Slope, Add	13.92	
			For 8 In 12 Slope, Add	16.70	
06 17 53 00-0010	EA		26' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	353.09	208.11
			For Up To 15, Add	5.67	
			For >35, Deduct	-3.78	
			For 3 In 12 Slope, Add	2.27	
			For 5 In 12 Slope, Add	6.05	
			For 6 In 12 Slope, Add	11.34	
			For 7 In 12 Slope, Add	15.12	
			For 8 In 12 Slope, Add	18.15	
06 17 53 00-0011	EA		28' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	374.51	146.04
			For Up To 15, Add	6.18	
			For >35, Deduct	-4.12	
			For 3 In 12 Slope, Add	2.47	
			For 5 In 12 Slope, Add	6.59	
			For 6 In 12 Slope, Add	12.36	
			For 7 In 12 Slope, Add	16.49	
			For 8 In 12 Slope, Add	19.78	
06 17 53 00-0012	EA		30' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	391.74	230.01
			For Up To 15, Add	6.38	
			For >35, Deduct	-4.25	
			For 3 In 12 Slope, Add	2.55	
			For 5 In 12 Slope, Add	6.80	
			For 6 In 12 Slope, Add	12.76	
			For 7 In 12 Slope, Add	17.01	
			For 8 In 12 Slope, Add	20.41	
06 17 53 00-0013	EA		32' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	407.53	156.99
			For Up To 15, Add	7.02	
			For >35, Deduct	-4.68	
			For 3 In 12 Slope, Add	2.81	
			For 5 In 12 Slope, Add	7.48	
			For 6 In 12 Slope, Add	14.03	
			For 7 In 12 Slope, Add	18.71	
			For 8 In 12 Slope, Add	22.45	
06 17 53 00-0014	EA		34' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	440.76	246.52
			For Up To 15, Add	8.41	
			For >35, Deduct	-5.61	
			For 3 In 12 Slope, Add	3.37	
			For 5 In 12 Slope, Add	8.97	
			For 6 In 12 Slope, Add	16.83	
			For 7 In 12 Slope, Add	22.43	
			For 8 In 12 Slope, Add	26.92	

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 17 Shop-Fabricated Structural Wood**
 MINOR
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 TOTAL DIRECT DEMOLITION
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06 17 53 00-0015	EA	36'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	456.89	167.94
			<i>For Up To 15, Add</i>	9.08	
			<i>For >35, Deduct</i>	-6.05	
			<i>For 3 In 12 Slope, Add</i>	3.63	
			<i>For 5 In 12 Slope, Add</i>	9.68	
			<i>For 6 In 12 Slope, Add</i>	18.15	
			<i>For 7 In 12 Slope, Add</i>	24.20	
			<i>For 8 In 12 Slope, Add</i>	29.04	
06 17 53 00-0016	EA	38'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	479.75	262.87
			<i>For Up To 15, Add</i>	9.69	
			<i>For >35, Deduct</i>	-6.46	
			<i>For 3 In 12 Slope, Add</i>	3.88	
			<i>For 5 In 12 Slope, Add</i>	10.34	
			<i>For 6 In 12 Slope, Add</i>	19.39	
			<i>For 7 In 12 Slope, Add</i>	25.85	
			<i>For 8 In 12 Slope, Add</i>	31.02	
06 17 53 00-0017	EA	40'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	497.13	182.55
			<i>For Up To 15, Add</i>	9.90	
			<i>For >35, Deduct</i>	-6.60	
			<i>For 3 In 12 Slope, Add</i>	3.96	
			<i>For 5 In 12 Slope, Add</i>	10.56	
			<i>For 6 In 12 Slope, Add</i>	19.80	
			<i>For 7 In 12 Slope, Add</i>	26.41	
			<i>For 8 In 12 Slope, Add</i>	31.69	
06 17 53 00-0018	EA	42'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	539.65	284.77
			<i>For Up To 15, Add</i>	12.00	
			<i>For >35, Deduct</i>	-8.00	
			<i>For 3 In 12 Slope, Add</i>	4.80	
			<i>For 5 In 12 Slope, Add</i>	12.80	
			<i>For 6 In 12 Slope, Add</i>	23.99	
			<i>For 7 In 12 Slope, Add</i>	31.99	
			<i>For 8 In 12 Slope, Add</i>	38.39	
06 17 53 00-0019	EA	44'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	581.40	197.16
			<i>For Up To 15, Add</i>	14.03	
			<i>For >35, Deduct</i>	-9.36	
			<i>For 3 In 12 Slope, Add</i>	5.61	
			<i>For 5 In 12 Slope, Add</i>	14.97	
			<i>For 6 In 12 Slope, Add</i>	28.07	
			<i>For 7 In 12 Slope, Add</i>	37.42	
			<i>For 8 In 12 Slope, Add</i>	44.90	
06 17 53 00-0020	EA	46'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	602.04	204.45
			<i>For Up To 15, Add</i>	14.48	
			<i>For >35, Deduct</i>	-9.66	
			<i>For 3 In 12 Slope, Add</i>	5.79	
			<i>For 5 In 12 Slope, Add</i>	15.45	
			<i>For 6 In 12 Slope, Add</i>	28.97	
			<i>For 7 In 12 Slope, Add</i>	38.63	
			<i>For 8 In 12 Slope, Add</i>	46.35	
06 17 53 00-0021	EA	48'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	629.96	211.76
			<i>For Up To 15, Add</i>	15.48	
			<i>For >35, Deduct</i>	-10.32	
			<i>For 3 In 12 Slope, Add</i>	6.19	
			<i>For 5 In 12 Slope, Add</i>	16.52	
			<i>For 6 In 12 Slope, Add</i>	30.97	
			<i>For 7 In 12 Slope, Add</i>	41.29	
			<i>For 8 In 12 Slope, Add</i>	49.55	
06 17 53 00-0022	EA	50'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	702.38	219.06
			<i>For Up To 15, Add</i>	19.82	
			<i>For >35, Deduct</i>	-13.21	
			<i>For 3 In 12 Slope, Add</i>	7.93	
			<i>For 5 In 12 Slope, Add</i>	21.14	
			<i>For 6 In 12 Slope, Add</i>	39.64	
			<i>For 7 In 12 Slope, Add</i>	52.85	
			<i>For 8 In 12 Slope, Add</i>	63.42	
06 17 53 00-0023	EA	52'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	674.48	197.01
			<i>For Up To 15, Add</i>	17.73	
			<i>For >35, Deduct</i>	-11.82	
			<i>For 3 In 12 Slope, Add</i>	7.09	
			<i>For 5 In 12 Slope, Add</i>	18.91	
			<i>For 6 In 12 Slope, Add</i>	35.45	
			<i>For 7 In 12 Slope, Add</i>	47.27	
			<i>For 8 In 12 Slope, Add</i>	56.73	
06 17 53 00-0024	EA	54'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	707.79	230.01
			<i>For Up To 15, Add</i>	18.58	
			<i>For >35, Deduct</i>	-12.39	
			<i>For 3 In 12 Slope, Add</i>	7.43	
			<i>For 5 In 12 Slope, Add</i>	19.82	
			<i>For 6 In 12 Slope, Add</i>	37.17	
			<i>For 7 In 12 Slope, Add</i>	49.55	
			<i>For 8 In 12 Slope, Add</i>	59.46	
06 17 53 00-0025	EA	56'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	734.58	213.22
			<i>For Up To 15, Add</i>	19.50	
			<i>For >35, Deduct</i>	-13.00	
			<i>For 3 In 12 Slope, Add</i>	7.80	
			<i>For 5 In 12 Slope, Add</i>	20.80	
			<i>For 6 In 12 Slope, Add</i>	38.99	
			<i>For 7 In 12 Slope, Add</i>	51.99	
			<i>For 8 In 12 Slope, Add</i>	62.39	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0026	EA		58' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	756.32	240.96
			<i>For Up To 15, Add</i>	20.58	
			<i>For >35, Deduct</i>	-13.72	
			<i>For 3 In 12 Slope, Add</i>	8.23	
			<i>For 5 In 12 Slope, Add</i>	21.95	
			<i>For 6 In 12 Slope, Add</i>	41.16	
			<i>For 7 In 12 Slope, Add</i>	54.88	
			<i>For 8 In 12 Slope, Add</i>	65.85	
06 17 53 00-0027	EA		60' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	771.06	244.62
			<i>For Up To 15, Add</i>	21.14	
			<i>For >35, Deduct</i>	-14.09	
			<i>For 3 In 12 Slope, Add</i>	8.45	
			<i>For 5 In 12 Slope, Add</i>	22.55	
			<i>For 6 In 12 Slope, Add</i>	42.27	
			<i>For 7 In 12 Slope, Add</i>	56.36	
			<i>For 8 In 12 Slope, Add</i>	67.64	
06 17 53 00-0028			Pre-Assembled Wood Gable End Roof Trusses <small>(06 17 53)</small>		
			Note: 24" on center gable studs. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords >42'.		
06 17 53 00-0029	EA		10' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	188.47	76.67
			<i>For 3 In 12 Slope, Add</i>	1.05	
			<i>For 5 In 12 Slope, Add</i>	2.81	
			<i>For 6 In 12 Slope, Add</i>	5.27	
			<i>For 7 In 12 Slope, Add</i>	7.03	
			<i>For 8 In 12 Slope, Add</i>	8.43	
			<i>For 16" On Center Gable Studs, Add</i>	7.03	
06 17 53 00-0030	EA		12' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	208.98	83.97
			<i>For 3 In 12 Slope, Add</i>	1.23	
			<i>For 5 In 12 Slope, Add</i>	3.28	
			<i>For 6 In 12 Slope, Add</i>	6.16	
			<i>For 7 In 12 Slope, Add</i>	8.21	
			<i>For 8 In 12 Slope, Add</i>	9.85	
			<i>For 16" On Center Gable Studs, Add</i>	8.21	
06 17 53 00-0031	EA		14' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	231.93	91.27
			<i>For 3 In 12 Slope, Add</i>	1.48	
			<i>For 5 In 12 Slope, Add</i>	3.95	
			<i>For 6 In 12 Slope, Add</i>	7.41	
			<i>For 7 In 12 Slope, Add</i>	9.88	
			<i>For 8 In 12 Slope, Add</i>	11.85	
			<i>For 16" On Center Gable Studs, Add</i>	9.88	
06 17 53 00-0032	EA		16' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	261.32	98.58
			<i>For 3 In 12 Slope, Add</i>	1.92	
			<i>For 5 In 12 Slope, Add</i>	5.13	
			<i>For 6 In 12 Slope, Add</i>	9.62	
			<i>For 7 In 12 Slope, Add</i>	12.83	
			<i>For 8 In 12 Slope, Add</i>	15.40	
			<i>For 16" On Center Gable Studs, Add</i>	12.83	
06 17 53 00-0033	EA		18' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	287.01	105.88
			<i>For 3 In 12 Slope, Add</i>	2.26	
			<i>For 5 In 12 Slope, Add</i>	6.02	
			<i>For 6 In 12 Slope, Add</i>	11.29	
			<i>For 7 In 12 Slope, Add</i>	15.05	
			<i>For 8 In 12 Slope, Add</i>	18.06	
			<i>For 16" On Center Gable Studs, Add</i>	15.05	
06 17 53 00-0034	EA		20' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	312.85	116.83
			<i>For 3 In 12 Slope, Add</i>	2.38	
			<i>For 5 In 12 Slope, Add</i>	6.33	
			<i>For 6 In 12 Slope, Add</i>	11.88	
			<i>For 7 In 12 Slope, Add</i>	15.84	
			<i>For 8 In 12 Slope, Add</i>	19.00	
			<i>For 16" On Center Gable Studs, Add</i>	15.84	
06 17 53 00-0035	EA		22' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	329.75	124.14
			<i>For 3 In 12 Slope, Add</i>	2.44	
			<i>For 5 In 12 Slope, Add</i>	6.52	
			<i>For 6 In 12 Slope, Add</i>	12.22	
			<i>For 7 In 12 Slope, Add</i>	16.30	
			<i>For 8 In 12 Slope, Add</i>	19.56	
			<i>For 16" On Center Gable Studs, Add</i>	16.30	
06 17 53 00-0036	EA		24' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	351.26	131.43
			<i>For 3 In 12 Slope, Add</i>	2.65	
			<i>For 5 In 12 Slope, Add</i>	7.07	
			<i>For 6 In 12 Slope, Add</i>	13.26	
			<i>For 7 In 12 Slope, Add</i>	17.68	
			<i>For 8 In 12 Slope, Add</i>	21.21	
			<i>For 16" On Center Gable Studs, Add</i>	17.68	
06 17 53 00-0037	EA		26' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	373.51	138.74
			<i>For 3 In 12 Slope, Add</i>	2.88	
			<i>For 5 In 12 Slope, Add</i>	7.68	
			<i>For 6 In 12 Slope, Add</i>	14.41	
			<i>For 7 In 12 Slope, Add</i>	19.21	
			<i>For 8 In 12 Slope, Add</i>	23.05	
			<i>For 16" On Center Gable Studs, Add</i>	19.21	
06 17 53 00-0038	EA		28' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	396.78	146.04
			<i>For 3 In 12 Slope, Add</i>	3.14	
			<i>For 5 In 12 Slope, Add</i>	8.38	
			<i>For 6 In 12 Slope, Add</i>	15.71	
			<i>For 7 In 12 Slope, Add</i>	20.94	
			<i>For 8 In 12 Slope, Add</i>	25.13	
			<i>For 16" On Center Gable Studs, Add</i>	20.94	

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 17 Shop-Fabricated Structural Wood**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 17 53 00-0039	EA	30'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	415.63	153.34
			<i>For 3 In 12 Slope, Add</i>	3.27	
			<i>For 5 In 12 Slope, Add</i>	8.72	
			<i>For 6 In 12 Slope, Add</i>	16.34	
			<i>For 7 In 12 Slope, Add</i>	21.79	
			<i>For 8 In 12 Slope, Add</i>	26.15	
			<i>For 16" On Center Gable Studs, Add</i>	21.79	
06 17 53 00-0040	EA	32'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	433.82	156.99
			<i>For 3 In 12 Slope, Add</i>	3.60	
			<i>For 5 In 12 Slope, Add</i>	9.59	
			<i>For 6 In 12 Slope, Add</i>	17.98	
			<i>For 7 In 12 Slope, Add</i>	23.97	
			<i>For 8 In 12 Slope, Add</i>	28.76	
			<i>For 16" On Center Gable Studs, Add</i>	23.97	
06 17 53 00-0041	EA	34'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	472.27	164.29
			<i>For 3 In 12 Slope, Add</i>	4.31	
			<i>For 5 In 12 Slope, Add</i>	11.49	
			<i>For 6 In 12 Slope, Add</i>	21.55	
			<i>For 7 In 12 Slope, Add</i>	28.74	
			<i>For 8 In 12 Slope, Add</i>	34.48	
			<i>For 16" On Center Gable Studs, Add</i>	28.74	
06 17 53 00-0042	EA	36'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	490.89	167.94
			<i>For 3 In 12 Slope, Add</i>	4.65	
			<i>For 5 In 12 Slope, Add</i>	12.40	
			<i>For 6 In 12 Slope, Add</i>	23.25	
			<i>For 7 In 12 Slope, Add</i>	31.00	
			<i>For 8 In 12 Slope, Add</i>	37.20	
			<i>For 16" On Center Gable Studs, Add</i>	31.00	
06 17 53 00-0043	EA	38'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	516.07	175.25
			<i>For 3 In 12 Slope, Add</i>	4.97	
			<i>For 5 In 12 Slope, Add</i>	13.25	
			<i>For 6 In 12 Slope, Add</i>	24.84	
			<i>For 7 In 12 Slope, Add</i>	33.12	
			<i>For 8 In 12 Slope, Add</i>	39.74	
			<i>For 16" On Center Gable Studs, Add</i>	33.12	
06 17 53 00-0044	EA	40'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	544.88	182.55
			<i>For 3 In 12 Slope, Add</i>	5.39	
			<i>For 5 In 12 Slope, Add</i>	14.38	
			<i>For 6 In 12 Slope, Add</i>	26.97	
			<i>For 7 In 12 Slope, Add</i>	35.96	
			<i>For 8 In 12 Slope, Add</i>	43.15	
			<i>For 16" On Center Gable Studs, Add</i>	35.96	
06 17 53 00-0045	EA	42'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	597.51	189.85
			<i>For 3 In 12 Slope, Add</i>	6.53	
			<i>For 5 In 12 Slope, Add</i>	17.42	
			<i>For 6 In 12 Slope, Add</i>	32.67	
			<i>For 7 In 12 Slope, Add</i>	43.56	
			<i>For 8 In 12 Slope, Add</i>	52.27	
			<i>For 16" On Center Gable Studs, Add</i>	43.56	
06 17 53 00-0046	EA	44'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	649.08	197.16
			<i>For 3 In 12 Slope, Add</i>	7.64	
			<i>For 5 In 12 Slope, Add</i>	20.38	
			<i>For 6 In 12 Slope, Add</i>	38.22	
			<i>For 7 In 12 Slope, Add</i>	50.96	
			<i>For 8 In 12 Slope, Add</i>	61.15	
			<i>For 16" On Center Gable Studs, Add</i>	50.96	
06 17 53 00-0047	EA	46'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	671.90	204.45
			<i>For 3 In 12 Slope, Add</i>	7.89	
			<i>For 5 In 12 Slope, Add</i>	21.04	
			<i>For 6 In 12 Slope, Add</i>	39.45	
			<i>For 7 In 12 Slope, Add</i>	52.60	
			<i>For 8 In 12 Slope, Add</i>	63.12	
			<i>For 16" On Center Gable Studs, Add</i>	52.60	
06 17 53 00-0048	EA	48'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	704.63	211.76
			<i>For 3 In 12 Slope, Add</i>	8.43	
			<i>For 5 In 12 Slope, Add</i>	22.49	
			<i>For 6 In 12 Slope, Add</i>	42.17	
			<i>For 7 In 12 Slope, Add</i>	56.22	
			<i>For 8 In 12 Slope, Add</i>	67.47	
			<i>For 16" On Center Gable Studs, Add</i>	56.22	
06 17 53 00-0049	EA	50'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	760.70	219.06
			<i>For 3 In 12 Slope, Add</i>	9.68	
			<i>For 5 In 12 Slope, Add</i>	25.81	
			<i>For 6 In 12 Slope, Add</i>	48.39	
			<i>For 7 In 12 Slope, Add</i>	64.52	
			<i>For 8 In 12 Slope, Add</i>	77.42	
			<i>For 16" On Center Gable Studs, Add</i>	64.52	
06 17 53 00-0050	EA	52'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	779.61	226.36
			<i>For 3 In 12 Slope, Add</i>	9.81	
			<i>For 5 In 12 Slope, Add</i>	26.15	
			<i>For 6 In 12 Slope, Add</i>	49.03	
			<i>For 7 In 12 Slope, Add</i>	65.38	
			<i>For 8 In 12 Slope, Add</i>	78.45	
			<i>For 16" On Center Gable Studs, Add</i>	65.38	
06 17 53 00-0051	EA	54'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	802.70	230.01
			<i>For 3 In 12 Slope, Add</i>	10.28	
			<i>For 5 In 12 Slope, Add</i>	27.41	
			<i>For 6 In 12 Slope, Add</i>	51.40	
			<i>For 7 In 12 Slope, Add</i>	68.54	
			<i>For 8 In 12 Slope, Add</i>	82.24	
			<i>For 16" On Center Gable Studs, Add</i>	68.54	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0052	EA		56' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	834.14	237.31
			For 3 In 12 Slope, Add	10.79	
			For 5 In 12 Slope, Add	28.76	
			For 6 In 12 Slope, Add	53.93	
			For 7 In 12 Slope, Add	71.90	
			For 8 In 12 Slope, Add	86.28	
			For 16" On Center Gable Studs, Add	71.90	
06 17 53 00-0053	EA		58' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	861.39	240.96
			For 3 In 12 Slope, Add	11.38	
			For 5 In 12 Slope, Add	30.36	
			For 6 In 12 Slope, Add	56.92	
			For 7 In 12 Slope, Add	75.89	
			For 8 In 12 Slope, Add	91.07	
			For 16" On Center Gable Studs, Add	75.89	
06 17 53 00-0054	EA		60' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	878.99	244.62
			For 3 In 12 Slope, Add	11.69	
			For 5 In 12 Slope, Add	31.18	
			For 6 In 12 Slope, Add	58.46	
			For 7 In 12 Slope, Add	77.95	
			For 8 In 12 Slope, Add	93.54	
			For 16" On Center Gable Studs, Add	77.95	

06 18 Glued-Laminated Construction (06 10)

06 18 13 Glued-Laminated Beams (06 18)

06 18 13 00-0001 Glue Laminated Straight Beams (06 18 13)

Note: Based on southern yellow pine or hemlock lumber with waterproof glue and factor applied sealer.

06 18 13 00-0002	LF		3-1/2" x 6" Glue Laminated Straight Beam	8.74	3.14
06 18 13 00-0003	LF		3-1/2" x 7-1/2" Glue Laminated Straight Beam	10.92	3.93
06 18 13 00-0004	LF		3-1/2" x 9" Glue Laminated Straight Beam	13.11	4.72
06 18 13 00-0005	LF		3-1/2" x 9-1/2" Glue Laminated Straight Beam	13.83	4.99
06 18 13 00-0006	LF		3-1/2" x 10-1/2" Glue Laminated Straight Beam	15.29	5.51
06 18 13 00-0007	LF		3-1/2" x 12" Glue Laminated Straight Beam	17.48	6.29
06 18 13 00-0008	LF		3-1/2" x 13-1/2" Glue Laminated Straight Beam	19.67	7.08
06 18 13 00-0009	LF		3-1/2" x 14" Glue Laminated Straight Beam	20.39	7.34
06 18 13 00-0010	LF		3-1/2" x 15" Glue Laminated Straight Beam	21.85	7.87
06 18 13 00-0011	LF		3-1/2" x 16" Glue Laminated Straight Beam	23.30	8.40
06 18 13 00-0012	LF		3-1/2" x 16-1/2" Glue Laminated Straight Beam	24.03	8.66
06 18 13 00-0013	LF		3-1/2" x 18" Glue Laminated Straight Beam	26.20	9.45
06 18 13 00-0014	LF		3-1/2" x 19-1/2" Glue Laminated Straight Beam	28.39	10.23
06 18 13 00-0015	LF		3-1/2" x 21" Glue Laminated Straight Beam	30.57	11.02
06 18 13 00-0016	LF		3-1/2" x 22.5" Glue Laminated Straight Beam	32.77	11.80
06 18 13 00-0017	LF		5-1/2" x 6" Glue Laminated Straight Beam	13.73	4.94
06 18 13 00-0018	LF		5-1/2" x 7-1/2" Glue Laminated Straight Beam	17.16	6.19
06 18 13 00-0019	LF		5-1/2" x 9" Glue Laminated Straight Beam	20.59	7.42
06 18 13 00-0020	LF		5-1/2" x 9-1/2" Glue Laminated Straight Beam	21.74	7.84
06 18 13 00-0021	LF		5-1/2" x 10-1/2" Glue Laminated Straight Beam	24.03	8.66
06 18 13 00-0022	LF		5-1/2" x 12" Glue Laminated Straight Beam	27.46	9.90
06 18 13 00-0023	LF		5-1/2" x 13-1/2" Glue Laminated Straight Beam	30.90	11.14
06 18 13 00-0024	LF		5-1/2" x 14" Glue Laminated Straight Beam	32.04	11.54
06 18 13 00-0025	LF		5-1/2" x 15" Glue Laminated Straight Beam	34.33	12.37
06 18 13 00-0026	LF		5-1/2" x 16" Glue Laminated Straight Beam	36.60	13.19
06 18 13 00-0027	LF		5-1/2" x 16-1/2" Glue Laminated Straight Beam	37.76	13.62
06 18 13 00-0028	LF		5-1/2" x 18" Glue Laminated Straight Beam	41.19	14.84
06 18 13 00-0029	LF		5-1/2" x 19-1/2" Glue Laminated Straight Beam	44.62	16.08
06 18 13 00-0030	LF		5-1/2" x 21" Glue Laminated Straight Beam	48.06	17.31
06 18 13 00-0031	LF		5-1/2" x 22.5" Glue Laminated Straight Beam	51.49	18.56
06 18 13 00-0032	LF		5-1/2" x 24" Glue Laminated Straight Beam	54.92	19.79
06 18 13 00-0033	LF		6-3/4" x 9" Glue Laminated Straight Beam	25.29	9.11
06 18 13 00-0034	LF		6-3/4" x 9-1/2" Glue Laminated Straight Beam	26.68	9.61
06 18 13 00-0035	LF		6-3/4" x 10-1/2" Glue Laminated Straight Beam	29.49	10.63
06 18 13 00-0036	LF		6-3/4" x 12" Glue Laminated Straight Beam	33.71	12.14
06 18 13 00-0037	LF		6-3/4" x 13-1/2" Glue Laminated Straight Beam	37.92	13.66
06 18 13 00-0038	LF		6-3/4" x 14" Glue Laminated Straight Beam	39.31	14.17
06 18 13 00-0039	LF		6-3/4" x 15" Glue Laminated Straight Beam	42.13	15.19
06 18 13 00-0040	LF		6-3/4" x 16" Glue Laminated Straight Beam	44.95	16.19
06 18 13 00-0041	LF		6-3/4" x 16-1/2" Glue Laminated Straight Beam	46.34	16.69
06 18 13 00-0042	LF		6-3/4" x 18" Glue Laminated Straight Beam	50.55	18.22
06 18 13 00-0043	LF		6-3/4" x 19-1/2" Glue Laminated Straight Beam	54.76	19.74
06 18 13 00-0044	LF		6-3/4" x 21" Glue Laminated Straight Beam	58.98	21.24
06 18 13 00-0045	LF		6-3/4" x 22.5" Glue Laminated Straight Beam	63.18	22.77
06 18 13 00-0046	LF		6-3/4" x 24" Glue Laminated Straight Beam	67.41	24.30
06 18 13 00-0047	LF		8-3/4" x 9" Glue Laminated Straight Beam	32.77	11.80
06 18 13 00-0048	LF		8-3/4" x 9-1/2" Glue Laminated Straight Beam	34.59	12.46
06 18 13 00-0049	LF		8-3/4" x 10-1/2" Glue Laminated Straight Beam	38.23	13.78
06 18 13 00-0050	LF		8-3/4" x 12" Glue Laminated Straight Beam	43.69	15.74
06 18 13 00-0051	LF		8-3/4" x 13-1/2" Glue Laminated Straight Beam	49.15	17.71
06 18 13 00-0052	LF		8-3/4" x 14" Glue Laminated Straight Beam	50.96	18.37
06 18 13 00-0053	LF		8-3/4" x 15" Glue Laminated Straight Beam	54.60	19.67
06 18 13 00-0054	LF		8-3/4" x 16" Glue Laminated Straight Beam	58.24	20.99
06 18 13 00-0055	LF		8-3/4" x 16-1/2" Glue Laminated Straight Beam	60.08	21.64
06 18 13 00-0056	LF		8-3/4" x 18" Glue Laminated Straight Beam	65.54	23.61
06 18 13 00-0057	LF		8-3/4" x 19-1/2" Glue Laminated Straight Beam	71.00	25.57
06 18 13 00-0058	LF		8-3/4" x 21" Glue Laminated Straight Beam	76.46	27.55
06 18 13 00-0059	LF		8-3/4" x 22.5" Glue Laminated Straight Beam	81.92	29.52

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 18 Glued-Laminated Construction**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 18 13 00-0060 LF 8-3/4" x 24" Glue Laminated Straight Beam 87.38 31.49

06 18 13 00-0061 Glue Laminated Decking (06 18 13)
 06 18 13 00-0062 LF 2" - 4" Thick x 4" Wide Glue Laminated Decking 4.51 2.00
 06 18 13 00-0063 LF 2" - 4" Thick x 6" Wide Glue Laminated Decking 4.68 2.00
 06 18 13 00-0064 LF 2" - 4" Thick x 8" Wide Glue Laminated Decking 4.84 1.89
06 18 16 Glued-Laminated Columns (06 18)**06 18 16 00-0001 Glue Laminated Structural Units** (06 18 16)

Note: Based on southern yellow pine or hemlock lumber in 2" laminations with waterproof glue and factor applied sealer.

 06 18 16 00-0002 LF 3-1/4" x 7-1/2" Glue Laminated Purlin Or Column 12.79 4.10
 06 18 16 00-0003 LF 3-1/4" x 9-1/4" Glue Laminated Purlin Or Column 14.40 4.55
 06 18 16 00-0004 LF 5-1/4" x 9-1/4" Glue Laminated Purlin Or Column 27.48 9.73
 06 18 16 00-0005 LF 5-1/4" x 13" Glue Laminated Purlin Or Column 30.02 10.19
06 20 Finish Carpentry (06)**06 22 Millwork** (06 20)**06 22 13 Standard Pattern Wood Trim** (06 22)**06 22 13 00-0001 Pine Moldings (All Dimensions Are Nominal)** (06 22 13)
 06 22 13 00-0002 LF 1/4" x 1-1/4" Wood Lattice Strip 3.34 1.17
For Curved Surfaces With A 2'-0" Maximum Radius, Add 0.43
 06 22 13 00-0003 LF 1/4" x 1-5/8" Wood Lattice Strip 3.50 0.93
For Curved Surfaces With A 2'-0" Maximum Radius, Add 0.43
 06 22 13 00-0004 LF 1/4" x 2-1/2" Wood Lattice Strip 4.45 0.93
For Curved Surfaces With A 2'-0" Maximum Radius, Add 0.43
 06 22 13 00-0005 LF 1/4" x 3-1/2" Wood Lattice Strip 5.01 0.93
For Curved Surfaces With A 2'-0" Maximum Radius, Add 0.43
06 22 13 00-0006 Ceilings (All Dimensions Are Nominal) (06 22 13)**06 22 13 00-0007 White Pine** (06 22 13 00-0006)
 06 22 13 00-0008 LF 9/16" x 3-5/8" White Pine Crown Or Bed Molding 15.73 4.08
For Birch, Add 3.57
For Mahogany, Oak, Maple Or Walnut, Add 5.04
For Poplar, Add 1.98
For Curved Surfaces With A 2'-0" Maximum Radius, Add 1.34
For Stain Grade Material (No Finger Joints), Add 1.29
 06 22 13 00-0009 LF 1 1/16" x 4-5/8" White Pine Crown Or Bed Molding 21.12 4.88
For Birch, Add 5.09
For Mahogany, Oak, Maple Or Walnut, Add 7.06
For Poplar, Add 2.83
For Curved Surfaces With A 2'-0" Maximum Radius, Add 1.61
For Stain Grade Material (No Finger Joints), Add 1.84
 06 22 13 00-0010 LF 3/4" x 3/4" White Pine Crown Or Bed Molding 7.60 2.79
For Birch, Add 1.06
For Mahogany, Oak, Maple Or Walnut, Add 1.79
For Poplar, Add 0.59
For Curved Surfaces With A 2'-0" Maximum Radius, Add 1.07
For Stain Grade Material (No Finger Joints), Add 0.38
 06 22 13 00-0011 LF 9/16" x 1-5/8" White Pine Crown Or Bed Molding 8.67 2.79
For Birch, Add 1.45
For Mahogany, Oak, Maple Or Walnut, Add 2.27
For Poplar, Add 0.80
For Curved Surfaces With A 2'-0" Maximum Radius, Add 1.07
For Stain Grade Material (No Finger Joints), Add 0.52
 06 22 13 00-0012 LF 9/16" x 2-1/4" White Pine Crown Or Bed Molding 11.40 3.49
For Birch, Add 2.01
For Mahogany, Oak, Maple Or Walnut, Add 3.09
For Poplar, Add 1.12
For Curved Surfaces With A 2'-0" Maximum Radius, Add 1.34
For Stain Grade Material (No Finger Joints), Add 0.73
 06 22 13 00-0013 LF 3/4" x 3-1/2" White Pine Crown Or Bed Molding 13.17 3.49
For Birch, Add 2.65
For Mahogany, Oak, Maple Or Walnut, Add 3.89
For Poplar, Add 1.47
For Curved Surfaces With A 2'-0" Maximum Radius, Add 1.34
For Stain Grade Material (No Finger Joints), Add 0.96
 06 22 13 00-0014 LF 5/8" x 4-1/4" White Pine Crown Or Bed Molding 16.36 4.19
For Birch, Add 3.38
For Mahogany, Oak, Maple Or Walnut, Add 4.92
For Poplar, Add 1.88
For Curved Surfaces With A 2'-0" Maximum Radius, Add 1.61
For Stain Grade Material (No Finger Joints), Add 1.22
 06 22 13 00-0015 LF 1" x 2" White Pine Dentil Molding 7.88 3.26
For Birch, Add 1.16
For Mahogany, Oak, Maple Or Walnut, Add 1.92
For Poplar, Add 0.65
For Curved Surfaces With A 2'-0" Maximum Radius, Add 1.07
For Stain Grade Material (No Finger Joints), Add 0.42

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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06 22 13 00-0016	LF	9/16" x 1-3/4" White Pine Cove Molding	6.66	2.45
		<i>For Birch, Add</i>	1.14	
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	1.78	
		<i>For Poplar, Add</i>	0.63	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.80	
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.41	
06 22 13 00-0017	LF	11/16" x 2-3/4" White Pine Cove Molding	10.06	2.45
		<i>For Birch, Add</i>	2.37	
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	3.31	
		<i>For Poplar, Add</i>	1.31	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.80	
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.85	
06 22 13 00-0018	LF	3/8" x 3/8" White Pine Cove Molding	3.93	1.40
		<i>For Birch, Add</i>	0.54	
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	0.92	
		<i>For Poplar, Add</i>	0.30	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.56	
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.20	
06 22 13 00-0019	LF	1/2" x 1/2" White Pine Cove Molding	4.31	1.40
		<i>For Birch, Add</i>	0.68	
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	1.09	
		<i>For Poplar, Add</i>	0.38	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.56	
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.24	
06 22 13 00-0020	LF	5/8" x 5/8" White Pine Cove Molding	5.75	1.74
		<i>For Birch, Add</i>	1.02	
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	1.57	
		<i>For Poplar, Add</i>	0.57	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.67	
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.37	
06 22 13 00-0021	LF	3/4" x 3/4" White Pine Cove Molding	5.75	1.74
		<i>For Birch, Add</i>	1.02	
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	1.57	
		<i>For Poplar, Add</i>	0.57	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.67	
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.37	
06 22 13 00-0022	LF	15/16" x 15/16" White Pine Cove Molding	7.47	1.74
		<i>For Birch, Add</i>	1.64	
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	2.34	
		<i>For Poplar, Add</i>	0.91	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.67	
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.59	
06 22 13 00-0023	LF	7-1/2" Wide White Pine Mullion Covers	48.90	2.09
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.96	
06 22 13 00-0024	LF	Three Piece White Pine Mullion Trim, 2 Cove Moldings	61.94	2.09
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.96	
06 22 13 00-0025		Cedar Trim (06 22 13 00-0006)		
06 22 13 00-0026	LF	2" x 4" Cedar Ceiling Trim	13.28	5.86
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.94	
06 22 13 00-0027		Oak Trim (06 22 13 00-0006)		
06 22 13 00-0028	LF	1" x 8" Clear Oak Ceiling Trim	13.83	5.40
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.80	
06 22 13 00-0029		Closet Poles (06 22 13)		
06 22 13 00-0030	LF	1-1/8" Diameter Pine Closet Poles	11.62	3.03
06 22 13 00-0031	LF	1-5/8" Diameter Pine Closet Poles	14.16	3.03
06 22 13 00-0032	LF	2" Diameter Pine Closet Poles	19.40	3.37

06 25 Prefinished Paneling (06 20)

06 25 16 Prefinished Plywood Paneling (06 25)

06 25 16 00-0001 **Hardboard Panels** (06 25 16)

Note: Excludes furring and trim.

06 25 16 00-0002 **Tempered Hardboard Panels** (06 25 16 00-0001)

06 25 16 00-0003	SF	1/4" Tempered Hardboard Panels	5.86	2.11
		<i>For Waterproof Glue, Add</i>	0.07	
		<i>For Ceiling Installation, Add</i>	1.44	
		<i>For Glue Laminated Installation, Add</i>	0.29	
		<i>For 1/8" Thick Paneling, Deduct</i>	-0.51	
		<i>For 1/2" Thick Paneling, Add</i>	1.15	
		<i>For 5/8" Thick Paneling, Add</i>	1.38	
		<i>For 3/4" Thick Paneling, Add</i>	1.67	
		<i>For Fire Retardant Treatment (Class I), Add</i>	0.85	
06 25 16 00-0004	SF	1/4" Plastic Faced Tempered Hardboard Panels	6.61	2.58
		<i>For Waterproof Glue, Add</i>	0.07	
		<i>For Ceiling Installation, Add</i>	1.69	
		<i>For Glue Laminated Installation, Add</i>	0.33	
		<i>For 1/8" Thick Paneling, Deduct</i>	-0.56	
		<i>For 1/2" Thick Paneling, Add</i>	1.20	
		<i>For 5/8" Thick Paneling, Add</i>	1.41	
		<i>For 3/4" Thick Paneling, Add</i>	1.68	
		<i>For Fire Retardant Treatment (Class I), Add</i>	0.77	

06 Wood, Plastics, and Composites**06 20 Finish Carpentry****06 25 Prefinished Paneling**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 25 16 00-0005	SF	1/4" Pegboard Tempered Hardboard Panels	6.60	2.11
		<i>For Waterproof Glue, Add</i>	0.13	
		<i>For Ceiling Installation, Add</i>	1.44	
		<i>For Glue Laminated Installation, Add</i>	0.33	
		<i>For 1/8" Thick Paneling, Deduct</i>	-0.64	
		<i>For 1/2" Thick Paneling, Add</i>	1.55	
		<i>For 5/8" Thick Paneling, Add</i>	1.93	
		<i>For 3/4" Thick Paneling, Add</i>	2.42	
		<i>For Fire Retardant Treatment (Class I), Add</i>	1.43	
06 25 16 00-0006	SF	1/4" Plastic Faced Pegboard Tempered Hardboard	6.83	2.58
		<i>For Waterproof Glue, Add</i>	0.08	
		<i>For Ceiling Installation, Add</i>	1.69	
		<i>For Glue Laminated Installation, Add</i>	0.34	
		<i>For 1/8" Thick Paneling, Deduct</i>	-0.59	
		<i>For 1/2" Thick Paneling, Add</i>	1.32	
		<i>For 5/8" Thick Paneling, Add</i>	1.58	
		<i>For 3/4" Thick Paneling, Add</i>	1.90	
		<i>For Fire Retardant Treatment (Class I), Add</i>	0.95	
06 25 16 00-0007		Untempered Hardboard Panels <small>(06 25 16 00-0001)</small>		
06 25 16 00-0008	SF	1/4" Untempered Hardboard Panels	5.63	2.11
		<i>For Waterproof Glue, Add</i>	0.06	
		<i>For Glue Laminated Installation, Add</i>	0.28	
		<i>For Lumber Core, Add</i>	0.09	
		<i>For Fire Retardant Treatment (Class I), Add</i>	0.66	

06 40 Architectural Woodwork (06)**06 41 Architectural Wood Casework** (06 40)**06 41 13 Wood-Veneer-Faced Architectural Cabinets** (06 41)

Note: NNote: Cabinets Include Hinges, Mounting Hardware And Door Pulls. Refer To WIC For Grade Listing. Basic Is Custom.

06 41 13 00-0001		Removal And Reinstallation Of Cabinet Or Counters <small>(06 41 13)</small>		
		Note: Includes storage, cleaning and supply materials. Any height or width.		
06 41 13 00-0002	LF	Removal And Reinstallation Of Wood Base Cabinets	89.03	
06 41 13 00-0003	LF	Removal And Reinstallation Of Wall Cabinets	77.41	
06 41 13 00-0004	LF	Removal And Reinstallation Of Plastic Laminated Countertops	18.34	
06 41 13 00-0005		Wood-Veneer Faced Wall And Base Cabinets <small>(06 41 13)</small>		
		Note: Kitchen cabinets are constructed of 3/8" and 1/2" thick laminated particleboard with corner braces. Shelves are 3/4" laminated particleboard. The face frame is 3/4" x 1-1/2" solid wood. Hinges are 6 way adjustable, fully concealed steel. Drawers are 1/2" thick laminated particleboard boxes with 3/8" laminated particleboard bottoms. Drawer guides are side mounted, epoxy coated double rails. Excludes door or drawer pull hardware.		
06 41 13 00-0006		Solid Maple Face Frame And Door, Wall And Base Cabinets <small>(06 41 13 00-0005)</small>		
06 41 13 00-0007		Base Cabinets, 35" High, 23-3/4" Deep <small>(06 41 13 00-0006)</small>		
06 41 13 00-0008	EA	12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	394.71	23.27
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0009	EA	15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	419.97	29.09
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0010	EA	18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	439.13	34.91
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0011	EA	21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	462.02	40.73
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0012	EA	24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	525.83	46.55
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0013	EA	27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	549.73	52.37
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0014	EA	30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	594.65	58.18
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0015	EA	33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	626.43	64.00
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0016	EA	36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	645.88	69.82
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
		<i>For All Plywood Box Construction, Add</i>	121.72	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0017	EA		48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet.....	736.79	93.09
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	233.54	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0018	EA		30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	816.32	58.18
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	233.54	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0019	EA		36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	906.14	69.82
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	233.54	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0020	EA		30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	856.89	58.18
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0021	EA		36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	956.61	69.82
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0022	EA		12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	400.65	23.27
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0023	EA		15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	410.08	29.09
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0024	EA		18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	448.03	34.91
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0025	EA		21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	476.86	40.73
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0026	EA		24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	497.13	46.55
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0027	EA		27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	522.02	52.37
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0028	EA		30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	854.91	58.18
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0029	EA		33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	901.54	64.00
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0030	EA		36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	947.71	69.82
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0031	EA		12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	491.69	23.27
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0032	EA		15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	502.11	29.09
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0033	EA		18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	545.01	34.91
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0034	EA		21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	579.78	40.73
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0035	EA		24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	609.95	46.55
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0036	EA		27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	640.77	52.37
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0037	EA		30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	896.48	58.18
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0038	EA		33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	948.05	64.00
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
			<i>For All Plywood Box Construction, Add</i>	121.72	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 41 13 00-0039	EA	36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	1,001.14	69.82
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0040		Wall Cabinet, 12" High, 12" Deep (06 41 13 00-0006)		
06 41 13 00-0041	EA	30" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet.....	354.14	58.18
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0042	EA	33" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet.....	377.81	64.00
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0043	EA	36" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet.....	416.50	69.82
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0044	EA	39" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet.....	444.21	75.64
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0045		Wall Cabinets, 14" High, 12" Deep (06 41 13 00-0006)		
06 41 13 00-0046	EA	12" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	300.48	23.27
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0047	EA	15" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	307.75	29.09
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0048	EA	18" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	322.94	34.91
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0049	EA	21" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	331.20	40.73
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0050	EA	24" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	340.46	46.55
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0051	EA	30" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	356.64	58.18
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0052	EA	33" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	381.73	64.00
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0053	EA	36" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	416.50	69.82
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0054	EA	39" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	444.21	75.64
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0055		Wall Cabinets, 18" High, 12" Deep (06 41 13 00-0006)		
06 41 13 00-0056	EA	12" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	312.36	23.27
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0057	EA	15" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	328.53	29.09
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0058	EA	18" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	340.76	34.91
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0059	EA	21" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	353.96	40.73
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0060	EA	24" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	372.12	46.55
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0061	EA	27" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	393.08	52.39
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0062	EA	30" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	412.06	58.18
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0063	EA	33" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	427.25	64.00
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0064	EA	36" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	436.29	69.82
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0065		Wall Cabinets, 30" High, 12" Deep (06 41 13 00-0006)		
06 41 13 00-0066	EA	12" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	339.94	23.27
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0067	EA	15" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	370.02	29.09
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0068	EA	18" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	394.87	34.91
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0069	EA	21" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	424.86	40.73
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0070	EA	24" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	453.91	46.55
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0071	EA	27" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	497.60	52.39
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0072	EA	30" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	509.65	58.18
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0073	EA	33" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	555.71	64.00
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0074	EA	36" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	572.05	69.82
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0075		Wall Cabinets, 36" High, 12" Deep (06 41 13 00-0006)		
06 41 13 00-0076	EA	12" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	382.49	23.27
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0077	EA	15" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	414.55	29.09
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0078	EA	18" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	442.37	34.91
		<i>For All Plywood Box Construction, Add</i>	65.31	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0079	EA		21" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	474.34 65.31	40.73
06 41 13 00-0080	EA		24" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	555.83 65.31	46.55
06 41 13 00-0081	EA		27" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	558.95 65.31	52.39
06 41 13 00-0082	EA		30" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	578.92 65.31	58.18
06 41 13 00-0083	EA		33" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	632.89 65.31	64.00
06 41 13 00-0084	EA		36" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	649.24 65.31	69.82
06 41 13 00-0085 Wall Cabinets, 42" High, 12" Deep (06 41 13 00-0006)					
06 41 13 00-0086	EA		12" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	427.02 65.31	23.27
06 41 13 00-0087	EA		15" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	466.01 65.31	29.09
06 41 13 00-0088	EA		18" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	495.81 65.31	34.91
06 41 13 00-0089	EA		21" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	526.78 65.31	40.73
06 41 13 00-0090	EA		24" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	573.65 65.31	46.55
06 41 13 00-0091	EA		27" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	612.39 65.31	52.39
06 41 13 00-0092	EA		30" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	644.24 65.31	58.18
06 41 13 00-0093	EA		33" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	705.13 65.31	64.00
06 41 13 00-0094	EA		36" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	726.42 65.31	69.82
06 41 13 00-0095 Wall Cabinets, 12" High, 23-3/4" Deep (06 41 13 00-0006)					
06 41 13 00-0096	EA		30" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	405.64 65.31	58.18
06 41 13 00-0097	EA		33" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	435.44 65.31	64.00
06 41 13 00-0098	EA		36" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	467.76 65.31	69.82
06 41 13 00-0099	EA		39" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	505.65 65.31	75.64
06 41 13 00-0100	EA		48" Wide, 12" High x 23-3/4" Deep, Triple Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	597.07 65.31	93.09
06 41 13 00-0101 Utility Cabinets, 84" High (06 41 13 00-0006)					
06 41 13 00-0102	EA		15" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	775.97 241.46	51.72
06 41 13 00-0103	EA		18" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	877.57 241.46	62.06
06 41 13 00-0104	EA		21" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	986.11 241.46	486.14
06 41 13 00-0105	EA		24" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	1,036.27 241.46	82.75
06 41 13 00-0106	EA		30" Wide, 84" High x 12" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	1,253.64 241.46	103.43
06 41 13 00-0107	EA		36" Wide, 84" High x 12" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	1,445.30 241.46	124.12
06 41 13 00-0108	EA		15" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	876.91 241.46	51.72
06 41 13 00-0109	EA		18" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	969.60 241.46	62.06
06 41 13 00-0110	EA		21" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	1,106.84 241.46	72.41
06 41 13 00-0111	EA		24" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	1,175.80 241.46	82.75
06 41 13 00-0112	EA		30" Wide, 84" High x 24" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	1,458.49 241.46	103.43
06 41 13 00-0113	EA		36" Wide, 84" High x 24" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	1,666.96 241.46	124.12
06 41 13 00-0114 Solid Oak Face Frame And Door, Wall And Base Cabinets (06 41 13 00-0005)					
06 41 13 00-0115 Base Cabinets, 35" High, 23-3/4" Deep (06 41 13 00-0114)					
06 41 13 00-0116	EA		12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	356.12 116.77 121.72	23.27
06 41 13 00-0117	EA		15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	378.41 116.77 121.72	29.09

06 Wood, Plastics, and Composites

06 40 Architectural Woodwork

06 41 Architectural Wood Casework

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
06 41 13 00-0118	EA 18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet.....	395.59	34.91
	<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
	<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0119	EA 21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet.....	416.50	40.73
	<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
	<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0120	EA 24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet.....	472.39	46.55
	<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
	<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0121	EA 27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet.....	494.32	52.37
	<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
	<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0122	EA 30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet.....	533.30	58.18
	<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
	<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0123	EA 33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet.....	562.11	64.00
	<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
	<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0124	EA 36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet.....	579.58	69.82
	<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
	<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0125	EA 48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet.....	660.59	93.09
	<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	233.54	
	<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0126	EA 30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	729.24	58.18
	<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	233.54	
	<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0127	EA 36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	808.18	69.82
	<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	233.54	
	<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0128	EA 30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	764.86	58.18
	<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
	<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0129	EA 36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	852.71	69.82
	<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
	<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0130	EA 12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	362.06	23.27
	<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
	<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0131	EA 15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	370.50	29.09
	<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
	<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0132	EA 18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	403.50	34.91
	<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
	<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0133	EA 21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	429.36	40.73
	<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
	<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0134	EA 24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	447.66	46.55
	<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
	<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0135	EA 27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	469.58	52.37
	<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
	<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0136	EA 30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	762.88	58.18
	<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
	<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0137	EA 33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	803.57	64.00
	<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
	<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0138	EA 36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	844.79	69.82
	<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
	<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0139	EA 12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	441.22	23.27
	<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
	<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0140	EA 15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	451.64	29.09
	<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
	<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0141	EA 18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	489.60	34.91
	<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
	<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0142	EA 21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	520.40	40.73
	<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
	<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0143	EA 24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	546.61	46.55
	<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
	<i>For All Plywood Box Construction, Add</i>	121.72	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0144	EA		27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	574.47 467.08 121.72	52.37
06 41 13 00-0145	EA		30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	799.50 467.08 121.72	58.18
06 41 13 00-0146	EA		33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	845.13 467.08 121.72	64.00
06 41 13 00-0147	EA		36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	892.29 467.08 121.72	69.82
06 41 13 00-0148			Wall Cabinets, 12" High, 12" Deep (06 41 13 00-0114)		
06 41 13 00-0149	EA		30" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	320.50 65.31	58.18
06 41 13 00-0150	EA		33" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	341.20 65.31	64.00
06 41 13 00-0151	EA		36" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	375.93 65.31	69.82
06 41 13 00-0152	EA		39" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	400.66 65.31	75.64
06 41 13 00-0153			Wall Cabinets, 14" High, 12" Deep (06 41 13 00-0114)		
06 41 13 00-0154	EA		12" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	272.77 65.31	23.27
06 41 13 00-0155	EA		15" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	279.05 65.31	29.09
06 41 13 00-0156	EA		18" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	292.27 65.31	34.91
06 41 13 00-0157	EA		21" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	300.52 65.31	40.73
06 41 13 00-0158	EA		24" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	308.79 65.31	46.55
06 41 13 00-0159	EA		30" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	323.00 65.31	58.18
06 41 13 00-0160	EA		33" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	345.12 65.31	64.00
06 41 13 00-0161	EA		36" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	375.93 65.31	69.82
06 41 13 00-0162	EA		39" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	400.66 65.31	75.64
06 41 13 00-0163			Wall Cabinets, 18" High, 12" Deep (06 41 13 00-0114)		
06 41 13 00-0164	EA		12" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	282.67 65.31	23.27
06 41 13 00-0165	EA		15" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	296.86 65.31	29.09
06 41 13 00-0166	EA		18" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	308.10 65.31	34.91
06 41 13 00-0167	EA		21" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	320.32 65.31	40.73
06 41 13 00-0168	EA		24" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	336.50 65.31	46.55
06 41 13 00-0169	EA		27" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	355.47 65.31	52.39
06 41 13 00-0170	EA		30" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	371.49 65.31	58.18
06 41 13 00-0171	EA		33" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	385.69 65.31	64.00
06 41 13 00-0172	EA		36" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	393.74 65.31	69.82
06 41 13 00-0173			Wall Cabinets, 30" High, 12" Deep (06 41 13 00-0114)		
06 41 13 00-0174	EA		12" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	309.26 65.31	23.27
06 41 13 00-0175	EA		15" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	336.37 65.31	29.09
06 41 13 00-0176	EA		18" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	358.26 65.31	34.91
06 41 13 00-0177	EA		21" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	384.29 65.31	40.73
06 41 13 00-0178	EA		24" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	410.36 65.31	46.55
06 41 13 00-0179	EA		27" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	449.11 65.31	52.39
06 41 13 00-0180	EA		30" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	460.17 65.31	58.18
06 41 13 00-0181	EA		33" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	500.29 65.31	64.00
06 41 13 00-0182	EA		36" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	515.64 65.31	69.82

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
06 41 13 00-0183	Wall Cabinets, 36" High, 12" Deep (06 41 13 00-0114)		
06 41 13 00-0184	EA 12" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	346.87	23.27
	For All Plywood Box Construction, Add	65.31	
06 41 13 00-0185	EA 15" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	374.97	29.09
	For All Plywood Box Construction, Add	65.31	
06 41 13 00-0186	EA 18" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	399.82	34.91
	For All Plywood Box Construction, Add	65.31	
06 41 13 00-0187	EA 21" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	427.83	40.73
	For All Plywood Box Construction, Add	65.31	
06 41 13 00-0188	EA 24" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	500.42	46.55
	For All Plywood Box Construction, Add	65.31	
06 41 13 00-0189	EA 27" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....	502.55	52.39
	For All Plywood Box Construction, Add	65.31	
06 41 13 00-0190	EA 30" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....	520.54	58.18
	For All Plywood Box Construction, Add	65.31	
06 41 13 00-0191	EA 33" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....	568.57	64.00
	For All Plywood Box Construction, Add	65.31	
06 41 13 00-0192	EA 36" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....	582.93	69.82
	For All Plywood Box Construction, Add	65.31	
06 41 13 00-0193	Wall Cabinets, 42" High, 12" Deep (06 41 13 00-0114)		
06 41 13 00-0194	EA 12" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	385.46	23.27
	For All Plywood Box Construction, Add	65.31	
06 41 13 00-0195	EA 15" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	420.49	29.09
	For All Plywood Box Construction, Add	65.31	
06 41 13 00-0196	EA 18" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	447.32	34.91
	For All Plywood Box Construction, Add	65.31	
06 41 13 00-0197	EA 21" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	474.34	40.73
	For All Plywood Box Construction, Add	65.31	
06 41 13 00-0198	EA 24" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	516.25	46.55
	For All Plywood Box Construction, Add	65.31	
06 41 13 00-0199	EA 27" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....	550.05	52.39
	For All Plywood Box Construction, Add	65.31	
06 41 13 00-0200	EA 30" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....	577.93	58.18
	For All Plywood Box Construction, Add	65.31	
06 41 13 00-0201	EA 33" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....	631.90	64.00
	For All Plywood Box Construction, Add	65.31	
06 41 13 00-0202	EA 36" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....	651.22	69.82
	For All Plywood Box Construction, Add	65.31	
06 41 13 00-0203	Wall Cabinets, 12" High, 23-3/4" Deep (06 41 13 00-0114)		
06 41 13 00-0204	EA 30" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....	367.05	58.18
	For All Plywood Box Construction, Add	65.31	
06 41 13 00-0205	EA 33" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....	393.88	64.00
	For All Plywood Box Construction, Add	65.31	
06 41 13 00-0206	EA 36" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....	422.24	69.82
	For All Plywood Box Construction, Add	65.31	
06 41 13 00-0207	EA 39" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....	456.17	75.64
	For All Plywood Box Construction, Add	65.31	
06 41 13 00-0208	EA 48" Wide, 12" High x 23-3/4" Deep, Triple Door, Solid Oak Face Frame and Door, Wall Cabinet.....	536.70	93.09
	For All Plywood Box Construction, Add	65.31	
06 41 13 00-0209	Utility Cabinets, 84" High (06 41 13 00-0114)		
06 41 13 00-0210	EA 15" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet.....	704.72	51.72
	For All Plywood Box Construction, Add	241.46	
06 41 13 00-0211	EA 18" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet.....	796.43	62.06
	For All Plywood Box Construction, Add	241.46	
06 41 13 00-0212	EA 21" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet.....	894.08	486.14
	For All Plywood Box Construction, Add	241.46	
06 41 13 00-0213	EA 24" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet.....	940.28	82.75
	For All Plywood Box Construction, Add	241.46	
06 41 13 00-0214	EA 30" Wide, 84" High x 12" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet.....	1,132.91	103.43
	For All Plywood Box Construction, Add	241.46	
06 41 13 00-0215	EA 36" Wide, 84" High x 12" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet.....	1,303.79	124.12
	For All Plywood Box Construction, Add	241.46	
06 41 13 00-0216	EA 15" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet.....	793.78	51.72
	For All Plywood Box Construction, Add	241.46	
06 41 13 00-0217	EA 18" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet.....	877.57	62.06
	For All Plywood Box Construction, Add	241.46	
06 41 13 00-0218	EA 21" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet.....	999.97	72.41
	For All Plywood Box Construction, Add	241.46	
06 41 13 00-0219	EA 24" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet.....	1,062.99	82.75
	For All Plywood Box Construction, Add	241.46	
06 41 13 00-0220	EA 30" Wide, 84" High x 24" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet.....	1,313.02	103.43
	For All Plywood Box Construction, Add	241.46	
06 41 13 00-0221	EA 36" Wide, 84" High x 24" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet.....	1,498.74	124.12
	For All Plywood Box Construction, Add	241.46	
06 41 13 00-0222	Solid Wood Face Frame And Thermofoil Door, Wall And Base Cabinets (06 41 13 00-0005)		
06 41 13 00-0223	Base Cabinets, 35" High, 23-3/4" Deep (06 41 13 00-0222)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0224	EA		12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	356.12 116.77 121.72	23.27
06 41 13 00-0225	EA		15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	378.41 116.77 121.72	29.09
06 41 13 00-0226	EA		18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	395.59 116.77 121.72	34.91
06 41 13 00-0227	EA		21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	416.50 116.77 121.72	40.73
06 41 13 00-0228	EA		24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	472.39 116.77 121.72	46.55
06 41 13 00-0229	EA		27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	494.32 116.77 121.72	52.37
06 41 13 00-0230	EA		30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	533.30 116.77 121.72	58.18
06 41 13 00-0231	EA		33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	562.11 116.77 121.72	64.00
06 41 13 00-0232	EA		36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	579.58 116.77 121.72	69.82
06 41 13 00-0233	EA		48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	660.59 233.54 121.72	93.09
06 41 13 00-0234	EA		30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	729.24 233.54 121.72	58.18
06 41 13 00-0235	EA		36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	808.18 233.54 121.72	69.82
06 41 13 00-0236	EA		30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	764.86 350.31 121.72	58.18
06 41 13 00-0237	EA		36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	852.71 350.31 121.72	69.82
06 41 13 00-0238	EA		12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	362.06 350.31 121.72	23.27
06 41 13 00-0239	EA		15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	370.50 350.31 121.72	29.09
06 41 13 00-0240	EA		18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	403.50 350.31 121.72	34.91
06 41 13 00-0241	EA		21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	429.36 350.31 121.72	40.73
06 41 13 00-0242	EA		24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	447.66 350.31 121.72	46.55
06 41 13 00-0243	EA		27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	469.58 350.31 121.72	52.37
06 41 13 00-0244	EA		30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	762.88 350.31 121.72	58.18
06 41 13 00-0245	EA		33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	803.57 350.31 121.72	64.00

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 41 13 00-0246	EA	36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	844.79	69.82
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0247	EA	12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	441.22	23.27
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0248	EA	15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	451.64	29.09
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0249	EA	18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	489.60	34.91
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0250	EA	21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	520.40	40.73
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0251	EA	24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	546.61	46.55
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0252	EA	27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	574.47	52.37
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0253	EA	30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	799.50	58.18
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0254	EA	33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	845.13	64.00
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0255	EA	36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	892.29	69.82
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
		<i>For All Plywood Box Construction, Add</i>	121.72	

06 41 13 00-0256 Wall Cabinets, 12" High, 12" Deep (06 41 13 00-0222)

06 41 13 00-0257	EA	30" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	320.50	58.18
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0258	EA	33" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	341.20	64.00
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0259	EA	36" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	375.93	69.82
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0260	EA	39" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	400.66	75.64
		<i>For All Plywood Box Construction, Add</i>	65.31	

06 41 13 00-0261 Wall Cabinets, 14" High, 12" Deep (06 41 13 00-0222)

06 41 13 00-0262	EA	12" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	272.77	23.27
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0263	EA	15" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	279.05	29.09
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0264	EA	18" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	292.27	34.91
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0265	EA	21" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	300.52	40.73
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0266	EA	24" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	308.79	46.55
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0267	EA	30" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	323.00	58.18
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0268	EA	33" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	345.12	64.00
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0269	EA	36" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	375.93	69.82
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0270	EA	39" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	400.66	75.64
		<i>For All Plywood Box Construction, Add</i>	65.31	

06 41 13 00-0271 Wall Cabinets, 18" High, 12" Deep (06 41 13 00-0222)

06 41 13 00-0272	EA	12" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	282.67	23.27
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0273	EA	15" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	296.86	29.09
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0274	EA	18" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	308.10	34.91
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0275	EA	21" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	320.32	40.73
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0276	EA	24" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	336.50	46.55
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0277	EA	27" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	355.47	52.39
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0278	EA	30" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	371.49	58.18
		<i>For All Plywood Box Construction, Add</i>	65.31	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0279	EA		33" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	385.69 65.31	64.00
06 41 13 00-0280	EA		36" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	393.74 65.31	69.82
06 41 13 00-0281			Wall Cabinets, 30" High, 12" Deep (06 41 13 00-0222)		
06 41 13 00-0282	EA		12" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	309.26 65.31	23.27
06 41 13 00-0283	EA		15" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	336.37 65.31	29.09
06 41 13 00-0284	EA		18" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	358.26 65.31	34.91
06 41 13 00-0285	EA		21" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	384.29 65.31	40.73
06 41 13 00-0286	EA		24" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	410.36 65.31	46.55
06 41 13 00-0287	EA		27" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	449.11 65.31	52.39
06 41 13 00-0288	EA		30" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	460.17 65.31	58.18
06 41 13 00-0289	EA		33" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	500.29 65.31	64.00
06 41 13 00-0290	EA		36" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	515.64 65.31	69.82
06 41 13 00-0291			Wall Cabinets, 36" High, 12" Deep (06 41 13 00-0222)		
06 41 13 00-0292	EA		12" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	346.87 65.31	23.27
06 41 13 00-0293	EA		15" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	374.97 65.31	29.09
06 41 13 00-0294	EA		18" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	399.82 65.31	34.91
06 41 13 00-0295	EA		21" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	427.83 65.31	40.73
06 41 13 00-0296	EA		24" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	500.42 65.31	46.55
06 41 13 00-0297	EA		27" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	502.55 65.31	52.39
06 41 13 00-0298	EA		30" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	520.54 65.31	58.18
06 41 13 00-0299	EA		33" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	568.57 65.31	64.00
06 41 13 00-0300	EA		36" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	582.93 65.31	69.82
06 41 13 00-0301			Wall Cabinets, 42" High, 12" Deep (06 41 13 00-0222)		
06 41 13 00-0302	EA		12" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	385.46 65.31	23.27
06 41 13 00-0303	EA		15" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	420.49 65.31	29.09
06 41 13 00-0304	EA		18" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	447.32 65.31	34.91
06 41 13 00-0305	EA		21" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	474.34 65.31	40.73
06 41 13 00-0306	EA		24" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	516.25 65.31	46.55
06 41 13 00-0307	EA		27" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	550.05 65.31	52.39
06 41 13 00-0308	EA		30" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	577.93 65.31	58.18
06 41 13 00-0309	EA		33" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	631.90 65.31	64.00
06 41 13 00-0310	EA		36" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	651.22 65.31	69.82
06 41 13 00-0311			Wall Cabinets, 12" High, 23-3/4" Deep (06 41 13 00-0222)		
06 41 13 00-0312	EA		30" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	367.05 65.31	58.18
06 41 13 00-0313	EA		33" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	393.88 65.31	64.00
06 41 13 00-0314	EA		36" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	422.24 65.31	69.82
06 41 13 00-0315	EA		39" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	456.17 65.31	75.64
06 41 13 00-0316	EA		48" Wide, 12" High x 23-3/4" Deep, Triple Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	536.70 65.31	93.09
06 41 13 00-0317			Utility Cabinets, 84" High (06 41 13 00-0222)		
06 41 13 00-0318	EA		15" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	704.72 241.46	51.72
06 41 13 00-0319	EA		18" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	796.43 241.46	62.06

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 41 13 00-0320	EA	21" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet.....	894.08	486.14
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0321	EA	24" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet.....	940.28	82.75
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0322	EA	30" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet.....	1,132.91	103.43
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0323	EA	36" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet.....	1,303.79	124.12
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0324	EA	15" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet.....	793.78	51.72
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0325	EA	18" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet.....	877.57	62.06
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0326	EA	21" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet.....	999.97	72.41
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0327	EA	24" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet.....	1,062.99	82.75
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0328	EA	30" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet.....	1,313.02	103.43
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0329	EA	36" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet.....	1,498.74	124.12
		<i>For All Plywood Box Construction, Add</i>	241.46	

06 41 13 00-0330 Solid Wood Face Frame And Decorative Laminate Veneer Door, Wall And Base Cabinets (06 41 13 00-0005)
06 41 13 00-0331 Base Cabinets, 35" High, 23-3/4" Deep (06 41 13 00-0330)

06 41 13 00-0332	EA	12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	356.12	23.27
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0333	EA	15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	378.41	29.09
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0334	EA	18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	395.59	34.91
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0335	EA	21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	416.50	40.73
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0336	EA	24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	472.39	46.55
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0337	EA	27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	494.32	52.37
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0338	EA	30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	533.30	58.18
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0339	EA	33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	562.11	64.00
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0340	EA	36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	579.58	69.82
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0341	EA	48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	660.59	93.09
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	233.54	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0342	EA	30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	729.24	58.18
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	233.54	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0343	EA	36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	808.18	69.82
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	233.54	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0344	EA	30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	764.86	58.18
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0345	EA	36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	852.71	69.82
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0346	EA	12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	362.06	23.27
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0347	EA	15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	370.50	29.09
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
		<i>For All Plywood Box Construction, Add</i>	121.72	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0348	EA		18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	403.50	34.91
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0349	EA		21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	429.36	40.73
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0350	EA		24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	447.66	46.55
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0351	EA		27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	469.58	52.37
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0352	EA		30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	762.88	58.18
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0353	EA		33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	803.57	64.00
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0354	EA		36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	844.79	69.82
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0355	EA		12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	441.22	23.27
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0356	EA		15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	451.64	29.09
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0357	EA		18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	489.60	34.91
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0358	EA		21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	520.40	40.73
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0359	EA		24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	546.61	46.55
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0360	EA		27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	574.47	52.37
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0361	EA		30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	799.50	58.18
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0362	EA		33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	845.13	64.00
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0363	EA		36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	892.29	69.82
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0364			Wall Cabinets, 12" High, 12" Deep (06 41 13 00-0330)		
06 41 13 00-0365	EA		30" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	320.50	58.18
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0366	EA		33" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	341.20	64.00
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0367	EA		36" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	375.93	69.82
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0368	EA		39" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	400.66	75.64
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0369			Wall Cabinets, 14" High, 12" Deep (06 41 13 00-0330)		
06 41 13 00-0370	EA		12" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	272.77	23.27
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0371	EA		15" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	279.05	29.09
			<i>For All Plywood Box Construction, Add</i>	65.31	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**
 MINOR
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06 41 13 00-0372	EA	18" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	292.27	34.91
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0373	EA	21" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	300.52	40.73
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0374	EA	24" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	308.79	46.55
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0375	EA	30" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	323.00	58.18
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0376	EA	33" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	345.12	64.00
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0377	EA	36" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	375.93	69.82
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0378	EA	39" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	400.66	75.64
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0379 Wall Cabinets, 18" High, 12" Deep (06 41 13 00-0330)				
06 41 13 00-0380	EA	12" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	282.67	23.27
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0381	EA	15" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	296.86	29.09
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0382	EA	18" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	308.10	34.91
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0383	EA	21" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	320.32	40.73
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0384	EA	24" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	336.50	46.55
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0385	EA	27" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	355.47	52.39
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0386	EA	30" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	371.49	58.18
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0387	EA	33" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	385.69	64.00
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0388	EA	36" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	393.74	69.82
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0389 Wall Cabinets, 30" High, 12" Deep (06 41 13 00-0330)				
06 41 13 00-0390	EA	12" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	309.26	23.27
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0391	EA	15" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	336.37	29.09
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0392	EA	18" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	358.26	34.91
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0393	EA	21" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	384.29	40.73
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0394	EA	24" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	410.36	46.55
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0395	EA	27" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	449.11	52.39
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0396	EA	30" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	460.17	58.18
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0397	EA	33" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	500.29	64.00
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0398	EA	36" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	515.64	69.82
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0399 Wall Cabinets, 36" High, 12" Deep (06 41 13 00-0330)				
06 41 13 00-0400	EA	12" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	346.87	23.27
		<i>For All Plywood Box Construction, Add</i>	65.31	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0401	EA		15" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	374.97	29.09
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0402	EA		18" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	399.82	34.91
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0403	EA		21" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	427.83	40.73
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0404	EA		24" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	500.42	46.55
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0405	EA		27" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	502.55	52.39
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0406	EA		30" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	520.54	58.18
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0407	EA		33" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	568.57	64.00
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0408	EA		36" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	582.93	69.82
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0409			Wall Cabinets, 42" High, 12" Deep <small>(06 41 13 00-0330)</small>		
06 41 13 00-0410	EA		12" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	385.46	23.27
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0411	EA		15" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	420.49	29.09
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0412	EA		18" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	447.32	34.91
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0413	EA		21" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	474.34	40.73
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0414	EA		24" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	516.25	46.55
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0415	EA		27" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	550.05	52.39
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0416	EA		30" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	577.93	58.18
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0417	EA		33" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	631.90	64.00
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0418	EA		36" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	651.22	69.82
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0419			Wall Cabinets, 12" High, 23-3/4" Deep <small>(06 41 13 00-0330)</small>		
06 41 13 00-0420	EA		30" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	367.05	58.18
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0421	EA		33" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	393.88	64.00
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0422	EA		36" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	422.24	69.82
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0423	EA		39" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	456.17	75.64
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0424	EA		48" Wide, 12" High x 23-3/4" Deep, Triple Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	536.70	93.09
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0425			Utility Cabinets, 84" High <small>(06 41 13 00-0330)</small>		
06 41 13 00-0426	EA		15" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	704.72	51.72
			<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0427	EA		18" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	796.43	62.06
			<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0428	EA		21" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	894.08	486.14
			<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0429	EA		24" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	940.28	82.75
			<i>For All Plywood Box Construction, Add</i>	241.46	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**
 MINOR
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06 41 13 00-0430	EA	30" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	1,132.91	103.43
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0431	EA	36" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	1,303.79	124.12
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0432	EA	15" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	793.78	51.72
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0433	EA	18" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	877.57	62.06
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0434	EA	21" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	999.97	72.41
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0435	EA	24" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	1,062.99	82.75
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0436	EA	30" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	1,313.02	103.43
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0437	EA	36" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	1,498.74	124.12
		<i>For All Plywood Box Construction, Add</i>	241.46	

06 41 93 Cabinet and Drawer Hardware (06 41)**06 41 93 00-0001 Cabinet Hardware (06 41 93)**

Note: Includes all finishes, and mounting screws.

06 41 93 00-0002	EA	4" To 6" Long, 1/2" Diameter, Cabinet Bar Pull.....	27.84	9.90
06 41 93 00-0003	EA	7" To 9" Long, 1/2" Diameter, Cabinet Bar Pull.....	28.69	9.90
06 41 93 00-0004	EA	10" To 12" Long, 1/2" Diameter, Cabinet Bar Pull.....	30.18	9.90
06 41 93 00-0005	EA	3" To 4-1/2", Flat Cabinet Pull Handle.....	31.84	9.90
06 41 93 00-0006	EA	5" To 6-1/2", Flat Cabinet Pull Handle.....	32.69	9.90
06 41 93 00-0007	EA	7" To 8-1/2", Flat Cabinet Pull Handle.....	41.83	9.90
06 41 93 00-0008	EA	12" To 12-1/2", Flat Cabinet Pull Handle.....	79.70	9.90
06 41 93 00-0009	EA	1-7/16" Diameter, Mushroom Cabinet Pull Knobs.....	21.67	7.56
06 41 93 00-0010	EA	3-7/16" x 1-5/8" x 1" Projection, Cabinet Cup Pull.....	21.51	7.56
06 41 93 00-0011	EA	1-1/4" Long, Finger Cabinet Pull.....	29.28	8.73
06 41 93 00-0012	EA	3" Long, Finger Cabinet Pull.....	33.27	8.73
06 41 93 00-0013	EA	4" Long, Finger Cabinet Pull.....	35.99	8.73
06 41 93 00-0014	EA	6" Long, Finger Cabinet Pull.....	39.71	8.73
06 41 93 00-0015	EA	12" Long, Finger Cabinet Pull.....	56.98	8.73
06 41 93 00-0016	EA	Cabinet Spring Loaded Adjustable Barrel Ball Catch.....	42.21	11.64
06 41 93 00-0017	EA	Cabinet Door or Drawer Bored Lock with 2 Keys.....	55.88	9.90
06 41 93 00-0018	EA	Cabinet Surface Mounted Slide or Barrel Bolt Latch.....	37.79	9.90

06 42 Wood Paneling (06 40)

Note: Includes glue for installation.

06 42 13 Wood Board Paneling (06 42)**06 42 13 00-0001 Solid Wood Paneling (06 42 13)****06 42 13 00-0002 7/16" Solid Wood Paneling, Tongue And Groove, 3" To 5" Wide (06 42 13 00-0001)**

06 42 13 00-0003	SF	Homestead Cedar Paneling Tongue And Groove, 7/16".....	10.12	2.45
06 42 13 00-0004	SF	Homestead Juniper Paneling Tongue And Groove, 7/16".....	10.63	2.45

06 42 13 00-0005 7/16" Solid Wood Paneling, Tongue And Groove, 6" To 10" Wide (06 42 13 00-0001)

06 42 13 00-0006	SF	8" Random Plank Tongue And Groove, 7/16".....	12.67	2.32
06 42 13 00-0007	SF	8" Solid Plank Tongue And Groove, 7/16".....	11.78	2.32

06 42 13 00-0008 1/2" Solid Wood Paneling, Tongue And Groove, 4" To 6" Wide (06 42 13 00-0001)

06 42 13 00-0009	SF	Alder Wood Tongue And Groove Paneling, 1/2".....	11.64	2.45
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06 42 13 00-0010 1" Solid Wood Paneling, Shiplap, 6" To 8" Wide (06 42 13 00-0001)

06 42 13 00-0011	SF	1" Teredo (Driftwood) Wood Shiplap.....	7.61	2.09
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06 42 16 Flush Wood Paneling (06 42)**06 42 16 00-0001 Veneer Hardboard Panels (06 42 16)**

06 42 16 00-0002	SF	1/4" Maple Veneer Paneling.....	6.48	2.11
		<i>For Waterproof Glue, Add</i>	0.12	
		<i>For Ceiling Installation, Add</i>	1.44	

06 42 16 00-0003 Plywood Unfinished With Trim 1/4" Thick (06 42 16)**06 42 16 00-0004 Birch (06 42 16 00-0003)**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0005	SF		1/4" Unfinished Birch Plywood, Natural Faced With Trim	5.79	1.88
			For Waterproof Glue, Add	0.11	
			For Ceiling Installation, Add	1.26	
			For Installation On Metal Studs Or Furring, Add	0.46	
			For Glue Laminated Installation, Add	0.29	
			For Lumber Core, Add	0.17	
			For 1/8" Thick Paneling, Deduct	-0.56	
			For 1/2" Thick Paneling, Add	1.36	
			For 5/8" Thick Paneling, Add	1.69	
			For 3/4" Thick Paneling, Add	2.12	
			For Fire Retardant Treatment (Class I), Add	1.25	
06 42 16 00-0006	SF		1/4" Unfinished Birch Plywood, Select With Trim.....	5.91	1.88
			For Waterproof Glue, Add	0.12	
			For Ceiling Installation, Add	1.26	
			For Installation On Metal Studs Or Furring, Add	0.46	
			For Glue Laminated Installation, Add	0.30	
			For Lumber Core, Add	0.19	
			For 1/8" Thick Paneling, Deduct	-0.58	
			For 1/2" Thick Paneling, Add	1.42	
			For 5/8" Thick Paneling, Add	1.78	
			For 3/4" Thick Paneling, Add	2.24	
			For Fire Retardant Treatment (Class I), Add	1.34	
06 42 16 00-0007			Knotty Pine (06 42 16 00-0003)		
06 42 16 00-0008	SF		1/4" Knotty Pine Plywood, Grade AA Unfinished With Trim	6.77	2.11
			For Waterproof Glue, Add	0.15	
			For Ceiling Installation, Add	1.40	
			For Installation On Metal Studs Or Furring, Add	0.51	
			For Glue Laminated Installation, Add	0.34	
			For Lumber Core, Add	0.23	
			For 1/8" Thick Paneling, Deduct	-0.68	
			For 1/2" Thick Paneling, Add	1.69	
			For 5/8" Thick Paneling, Add	2.13	
			For 3/4" Thick Paneling, Add	2.69	
			For Fire Retardant Treatment (Class I), Add	1.65	
06 42 16 00-0009	SF		1/4" Knotty Pine Plywood, Grade AD Unfinished With Trim.....	6.68	2.11
			For Waterproof Glue, Add	0.14	
			For Ceiling Installation, Add	1.40	
			For Installation On Metal Studs Or Furring, Add	0.51	
			For Glue Laminated Installation, Add	0.33	
			For Lumber Core, Add	0.22	
			For 1/8" Thick Paneling, Deduct	-0.66	
			For 1/2" Thick Paneling, Add	1.64	
			For 5/8" Thick Paneling, Add	2.06	
			For 3/4" Thick Paneling, Add	2.60	
			For Fire Retardant Treatment (Class I), Add	1.58	
06 42 16 00-0010			Cedar (Aromatic - Closet Lining) (06 42 16 00-0003)		
06 42 16 00-0011	SF		1/4" Cedar Plywood, Standard Grade Unfinished With Trim, Closet Lining	6.60	2.35
			For Waterproof Glue, Add	0.09	
			For Ceiling Installation, Add	1.58	
			For Installation On Metal Studs Or Furring, Add	0.58	
			For Glue Laminated Installation, Add	0.33	
			For Lumber Core, Add	0.15	
			For 1/8" Thick Paneling, Deduct	-0.59	
			For 1/2" Thick Paneling, Add	1.35	
			For 5/8" Thick Paneling, Add	1.63	
			For 3/4" Thick Paneling, Add	1.99	
			For Fire Retardant Treatment (Class I), Add	1.05	
06 42 16 00-0012	SF		1/4" Cedar Plywood, Particle Board Unfinished With Trim, Closet Lining	5.83	2.35
			For Waterproof Glue, Add	0.04	
			For Ceiling Installation, Add	1.58	
			For Installation On Metal Studs Or Furring, Add	0.58	
			For Glue Laminated Installation, Add	0.29	
			For Lumber Core, Add	0.06	
			For 1/8" Thick Paneling, Deduct	-0.46	
			For 1/2" Thick Paneling, Add	0.93	
			For 5/8" Thick Paneling, Add	1.05	
			For 3/4" Thick Paneling, Add	1.20	
			For Fire Retardant Treatment (Class I), Add	0.44	
06 42 16 00-0013			Top Grade Plywood Prefinished With Trim 1/4" Thick (06 42 16)		
06 42 16 00-0014	SF		1/4" Top Grade Plywood, Birch Veneer Prefinished With Trim	6.45	2.11
			For Flitch Matched Veneer, Add	0.89	
			For Second Grade Veneer, Deduct	-0.18	
			For Third Grade Veneer, Deduct	-0.27	
			For Waterproof Glue, Add	0.12	
			For Ceiling Installation, Add	1.40	
			For Installation On Metal Studs Or Furring, Add	0.51	
			For Glue Laminated Installation, Add	0.32	
			For Lumber Core, Add	0.19	
			For 1/8" Thick Paneling, Deduct	-0.62	
			For 1/2" Thick Paneling, Add	1.52	
			For 5/8" Thick Paneling, Add	1.89	
			For 3/4" Thick Paneling, Add	2.37	
			For Fire Retardant Treatment (Class I), Add	1.40	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 42 Wood Paneling**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 42 16 00-0015	SF	1/4" Top Grade Plywood, Cherry Veneer Prefinished With Trim.....	7.24	2.11
		For Flitch Matched Veneer, Add	1.28	
		For Second Grade Veneer, Deduct	-0.26	
		For Third Grade Veneer, Deduct	-0.38	
		For Waterproof Glue, Add	0.18	
		For Ceiling Installation, Add	1.40	
		For Installation On Metal Studs Or Furring, Add	0.51	
		For Glue Laminated Installation, Add	0.36	
		For Lumber Core, Add	0.28	
		For 1/8" Thick Paneling, Deduct	-0.76	
		For 1/2" Thick Paneling, Add	1.94	
		For 5/8" Thick Paneling, Add	2.48	
		For 3/4" Thick Paneling, Add	3.17	
		For Fire Retardant Treatment (Class I), Add	2.02	
06 42 16 00-0016	SF	1/4" Top Grade Plywood, Chestnut Veneer Prefinished With Trim.....	11.09	2.11
		For Flitch Matched Veneer, Add	2.75	
		For Second Grade Veneer, Deduct	-0.55	
		For Third Grade Veneer, Deduct	-0.82	
		For Waterproof Glue, Add	0.38	
		For Ceiling Installation, Add	1.68	
		For Installation On Metal Studs Or Furring, Add	0.62	
		For Glue Laminated Installation, Add	0.55	
		For Lumber Core, Add	0.60	
		For 1/8" Thick Paneling, Deduct	-1.31	
		For 1/2" Thick Paneling, Add	3.64	
		For 5/8" Thick Paneling, Add	4.79	
		For 3/4" Thick Paneling, Add	6.27	
		For Fire Retardant Treatment (Class I), Add	4.34	
06 42 16 00-0017	SF	1/4" Top Grade Plywood, Lauan Veneer Prefinished With Trim	5.37	2.11
		For Flitch Matched Veneer, Add	0.59	
		For Second Grade Veneer, Deduct	-0.12	
		For Third Grade Veneer, Deduct	-0.18	
		For Waterproof Glue, Add	0.08	
		For Ceiling Installation, Add	1.26	
		For Installation On Metal Studs Or Furring, Add	0.46	
		For Glue Laminated Installation, Add	0.27	
		For Lumber Core, Add	0.13	
		For 1/8" Thick Paneling, Deduct	-0.49	
		For 1/2" Thick Paneling, Add	1.14	
		For 5/8" Thick Paneling, Add	1.38	
		For 3/4" Thick Paneling, Add	1.70	
		For Fire Retardant Treatment (Class I), Add	0.92	
06 42 16 00-0018	SF	1/4" Top Grade Plywood, Mahogany Veneer Prefinished With Trim.....	9.69	2.11
		For Flitch Matched Veneer, Add	2.21	
		For Second Grade Veneer, Deduct	-0.44	
		For Third Grade Veneer, Deduct	-0.66	
		For Waterproof Glue, Add	0.31	
		For Ceiling Installation, Add	1.58	
		For Installation On Metal Studs Or Furring, Add	0.58	
		For Glue Laminated Installation, Add	0.48	
		For Lumber Core, Add	0.49	
		For 1/8" Thick Paneling, Deduct	-1.11	
		For 1/2" Thick Paneling, Add	3.02	
		For 5/8" Thick Paneling, Add	3.95	
		For 3/4" Thick Paneling, Add	5.14	
		For Fire Retardant Treatment (Class I), Add	3.49	
06 42 16 00-0019	SF	1/4" Top Grade Plywood, Red Oak Veneer Prefinished With Trim	6.64	2.11
		For Flitch Matched Veneer, Add	0.98	
		For Second Grade Veneer, Deduct	-0.20	
		For Third Grade Veneer, Deduct	-0.29	
		For Waterproof Glue, Add	0.14	
		For Ceiling Installation, Add	1.40	
		For Installation On Metal Studs Or Furring, Add	0.51	
		For Glue Laminated Installation, Add	0.33	
		For Lumber Core, Add	0.22	
		For 1/8" Thick Paneling, Deduct	-0.65	
		For 1/2" Thick Paneling, Add	1.62	
		For 5/8" Thick Paneling, Add	2.03	
		For 3/4" Thick Paneling, Add	2.56	
		For Fire Retardant Treatment (Class I), Add	1.55	
06 42 16 00-0020	SF	1/4" Top Grade Plywood, Pecan Veneer Prefinished With Trim	7.86	2.11
		For Flitch Matched Veneer, Add	1.30	
		For Second Grade Veneer, Deduct	-0.26	
		For Third Grade Veneer, Deduct	-0.39	
		For Waterproof Glue, Add	0.18	
		For Ceiling Installation, Add	1.58	
		For Installation On Metal Studs Or Furring, Add	0.58	
		For Glue Laminated Installation, Add	0.39	
		For Lumber Core, Add	0.28	
		For 1/8" Thick Paneling, Deduct	-0.80	
		For 1/2" Thick Paneling, Add	2.03	
		For 5/8" Thick Paneling, Add	2.57	
		For 3/4" Thick Paneling, Add	3.27	
		For Fire Retardant Treatment (Class I), Add	2.05	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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06 42 16 00-0021	SF		1/4" Top Grade Plywood, Rosewood Veneer Prefinished With Trim	12.85	2.11
			<i>For Flitch Matched Veneer, Add</i>	3.13	
			<i>For Second Grade Veneer, Deduct</i>	-0.63	
			<i>For Third Grade Veneer, Deduct</i>	-0.94	
			<i>For Waterproof Glue, Add</i>	0.44	
			<i>For Ceiling Installation, Add</i>	1.98	
			<i>For Installation On Metal Studs Or Furring, Add</i>	0.72	
			<i>For Glue Laminated Installation, Add</i>	0.64	
			<i>For Lumber Core, Add</i>	0.69	
			<i>For 1/8" Thick Paneling, Deduct</i>	-1.51	
			<i>For 1/2" Thick Paneling, Add</i>	4.17	
			<i>For 5/8" Thick Paneling, Add</i>	5.49	
			<i>For 3/4" Thick Paneling, Add</i>	7.18	
			<i>For Fire Retardant Treatment (Class I), Add</i>	4.95	
06 42 16 00-0022	SF		1/4" Top Grade Plywood, Teak Veneer Prefinished With Trim	9.68	2.11
			<i>For Flitch Matched Veneer, Add</i>	2.21	
			<i>For Second Grade Veneer, Deduct</i>	-0.44	
			<i>For Third Grade Veneer, Deduct</i>	-0.66	
			<i>For Waterproof Glue, Add</i>	0.31	
			<i>For Ceiling Installation, Add</i>	1.58	
			<i>For Installation On Metal Studs Or Furring, Add</i>	0.58	
			<i>For Glue Laminated Installation, Add</i>	0.48	
			<i>For Lumber Core, Add</i>	0.49	
			<i>For 1/8" Thick Paneling, Deduct</i>	-1.11	
			<i>For 1/2" Thick Paneling, Add</i>	3.01	
			<i>For 5/8" Thick Paneling, Add</i>	3.94	
			<i>For 3/4" Thick Paneling, Add</i>	5.13	
			<i>For Fire Retardant Treatment (Class I), Add</i>	3.48	
06 42 16 00-0023	SF		1/4" Top Grade Plywood, Walnut Veneer Prefinished With Trim	8.44	2.11
			<i>For Flitch Matched Veneer, Add</i>	1.88	
			<i>For Second Grade Veneer, Deduct</i>	-0.38	
			<i>For Third Grade Veneer, Deduct</i>	-0.56	
			<i>For Waterproof Glue, Add</i>	0.26	
			<i>For Ceiling Installation, Add</i>	1.40	
			<i>For Installation On Metal Studs Or Furring, Add</i>	0.51	
			<i>For Glue Laminated Installation, Add</i>	0.42	
			<i>For Lumber Core, Add</i>	0.41	
			<i>For 1/8" Thick Paneling, Deduct</i>	-0.96	
			<i>For 1/2" Thick Paneling, Add</i>	2.59	
			<i>For 5/8" Thick Paneling, Add</i>	3.38	
			<i>For 3/4" Thick Paneling, Add</i>	4.40	
			<i>For Fire Retardant Treatment (Class I), Add</i>	2.97	
06 42 16 00-0024	SF		1/4" Top Grade Plywood, Maple Veneer Prefinished With Trim	6.68	2.11
			<i>For Flitch Matched Veneer, Add</i>	1.00	
			<i>For Second Grade Veneer, Deduct</i>	-0.20	
			<i>For Third Grade Veneer, Deduct</i>	-0.30	
			<i>For Waterproof Glue, Add</i>	0.14	
			<i>For Ceiling Installation, Add</i>	1.40	
			<i>For Installation On Metal Studs Or Furring, Add</i>	0.51	
			<i>For Glue Laminated Installation, Add</i>	0.33	
			<i>For Lumber Core, Add</i>	0.22	
			<i>For 1/8" Thick Paneling, Deduct</i>	-0.66	
			<i>For 1/2" Thick Paneling, Add</i>	1.64	
			<i>For 5/8" Thick Paneling, Add</i>	2.06	
			<i>For 3/4" Thick Paneling, Add</i>	2.60	
			<i>For Fire Retardant Treatment (Class I), Add</i>	1.58	

06 42 16 00-0025 Accessories (06 42 16)

06 42 16 00-0026	EA		Aluminum Panel Retainer "J" With Bolt	39.93	
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06 42 19 Plastic-Laminate-Faced Wood Paneling (06 42)

06 42 19 00-0001 Plastic Laminate (06 42 19)

Note: Standard colors and patterns.

06 42 19 00-0002	SF		1/16" Plastic Laminate Faced Panel	11.01	4.08
			Note: Includes cutting to fit.		

06 43 Wood Stairs and Railings (06 40)

06 43 13 Wood Stairs (06 43)

06 43 13 00-0001 Stair Parts (06 43 13)

06 43 13 00-0002	EA		30" Baluster, Pine	59.26	23.62
06 43 13 00-0003	EA		30" Baluster, Birch	70.20	23.62
06 43 13 00-0004	EA		42" Baluster, Pine	66.99	24.42
06 43 13 00-0005	EA		42" Baluster, Birch	78.66	24.42
06 43 13 00-0006	EA		3-1/4" Wide Newels, Starting	351.40	92.82
06 43 13 00-0007	EA		3-1/4" Wide Newels, Landing	514.31	130.27
06 43 13 00-0008	LF		Oak Gooseneck, 1 Riser	210.69	81.42
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	26.73	
06 43 13 00-0009	LF		Oak Gooseneck, 2 Riser	246.85	89.45
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	29.38	
06 43 13 00-0010	LF		Oak Handrail, 2-1/2" x 3" With Quarter Turn	42.87	12.22
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	4.01	
06 43 13 00-0011	LF		1-1/16" x 9-1/2" Oak Stair Tread	55.96	6.86
			<i>For Beech, Add</i>	12.69	
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.14	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 43 Wood Stairs and Railings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 43 13 00-0012	LF	1-1/16" x 11-1/2" Oak Stair Tread.....	67.99	6.86
		<i>For Beech, Add</i>	16.30	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.14	
06 43 13 00-0013	LF	1-1/16" x 11-1/2" Pine Stair Tread.....	30.71	6.86
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.14	
06 43 13 00-0014	LF	3/4" x 7-1/2" High Beech Riser.....	41.96	7.09
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.28	
06 43 13 00-0015	LF	3/4" x 7-1/2" High Oak Riser.....	39.40	7.09
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.28	
06 43 13 00-0016	LF	3/4" x 7-1/2" High Fir Riser.....	22.99	7.09
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.28	
06 43 13 00-0017	LF	3/4" x 7-1/2" High Pine Riser.....	22.19	7.09
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.28	
06 43 13 00-0018	SF	Framed Stair Landings, 3/4" Plywood Surface, Per SF Of Landing.....	47.50	

06 43 13 00-0019 Interior Box Stairs (06 43 13)

Note: Factory cut and assembled straight closed box stairs, unfinished.

06 43 13 00-0020	EA	30" Wide Pine Box Stair, Per Riser.....	308.37	70.84
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.27	
		<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	74.35	
		<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	24.65	
		<i>For Oak Or Maple Treads, Add</i>	93.24	
06 43 13 00-0021	EA	32" Wide Pine Box Stair, Per Riser.....	326.99	72.46
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.80	
		<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	75.04	
		<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	24.94	
		<i>For Oak Or Maple Treads, Add</i>	100.58	
06 43 13 00-0022	EA	34" Wide Pine Box Stair, Per Riser.....	344.51	73.28
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.08	
		<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	75.40	
		<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	25.09	
		<i>For Oak Or Maple Treads, Add</i>	107.92	
06 43 13 00-0023	EA	36" Wide Pine Box Stair, Per Riser.....	364.78	74.09
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.34	
		<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	75.75	
		<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	25.23	
		<i>For Oak Or Maple Treads, Add</i>	116.53	
06 43 13 00-0024	EA	38" Wide Pine Box Stair, Per Riser.....	376.76	74.91
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.61	
		<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	76.09	
		<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	25.37	
		<i>For Oak Or Maple Treads, Add</i>	121.40	
06 43 13 00-0025	EA	40" Wide Pine Box Stair, Per Riser.....	389.91	76.54
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	25.14	
		<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	76.80	
		<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	25.67	
		<i>For Oak Or Maple Treads, Add</i>	126.27	
06 43 13 00-0026	EA	42" Wide Pine Box Stair, Per Riser.....	401.90	77.35
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	25.41	
		<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	77.15	
		<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	25.81	
		<i>For Oak Or Maple Treads, Add</i>	131.13	
06 43 13 00-0027	EA	44" Wide Pine Box Stair, Per Riser.....	413.89	78.17
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	25.68	
		<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	77.50	
		<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	25.96	
		<i>For Oak Or Maple Treads, Add</i>	136.00	
06 43 13 00-0028	EA	46" Wide Pine Box Stair, Per Riser.....	425.84	78.98
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	25.94	
		<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	77.84	
		<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	26.10	
		<i>For Oak Or Maple Treads, Add</i>	140.87	
06 43 13 00-0029	EA	48" Wide Pine Box Stair, Per Riser.....	440.04	81.42
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	26.75	
		<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	78.89	
		<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	26.54	
		<i>For Oak Or Maple Treads, Add</i>	145.68	

06 43 16 Wood Railings (06 43)**06 43 16 00-0001 Handrails** (06 43 16)**06 43 16 00-0002 Wood Handrail With Brackets** (06 43 16 00-0001)

Note: Includes pine, fir or red oak interior grade or pressure treated exterior grade handrail with brackets.

06 43 16 00-0003	LF	1-1/2" x 1-11/16", Wood Handrail With Brackets.....	18.94	5.82
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	2.67	
06 43 16 00-0004	LF	1-7/8" x 2-5/8", Wood Handrail With Brackets.....	20.41	5.82
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	2.67	
06 43 16 00-0005	LF	1-1/2" Diameter, Wood Handrail With Brackets.....	25.32	5.82
06 43 16 00-0006	LF	1-3/4" Diameter, Wood Handrail With Brackets.....	26.55	5.82
06 43 16 00-0007	LF	2" Diameter, Wood Handrail With Brackets.....	30.97	5.82
06 43 16 00-0008	LF	2-1/2" Diameter, Wood Handrail With Brackets.....	44.61	5.82

06 44 Ornamental Woodwork (06 40)**06 44 39 Wood Posts and Columns** (06 44)

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 44 39 00-001			Columns (06 44 39)		
06 44 39 00-002			Pine Colonial Columns, Round Tapered With Cap And Base (06 44 39 00-0001)		
			Note: Paint grade/finger jointed pine.		
06 44 39 00-0003	LF		6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	76.03	6.61
06 44 39 00-0004	LF		8" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	94.79	9.66
06 44 39 00-0005	LF		10" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	116.55	11.18
06 44 39 00-0006	LF		12" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	140.01	11.70
06 44 39 00-0007	LF		14" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	316.19	13.22
06 44 39 00-0008	LF		16" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	367.67	14.23
06 44 39 00-0009	LF		18" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	443.12	15.25
06 44 39 00-0010	LF		20" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	529.62	16.28
06 44 39 00-0011	LF		6" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	87.83	6.61
06 44 39 00-0012	LF		8" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	104.24	9.66
06 44 39 00-0013	LF		10" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	129.62	11.18
06 44 39 00-0014	LF		12" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	153.97	11.70
06 44 39 00-0015	LF		14" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	344.57	13.22
06 44 39 00-0016	LF		16" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	469.47	14.23
06 44 39 00-0017	LF		18" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	506.19	15.25
06 44 39 00-0018	LF		20" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	570.16	16.28
06 44 39 00-0019			Pine Colonial Columns, Round Non Tapered With Cap And Base (06 44 39 00-0001)		
			Note: Paint grade/finger jointed pine.		
06 44 39 00-0020	LF		6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	91.89	6.61
06 44 39 00-0021	LF		8" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base.....	112.80	9.66
06 44 39 00-0022	LF		10" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base.....	139.98	11.18
06 44 39 00-0023	LF		12" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base.....	169.29	11.70
06 44 39 00-0024	LF		14" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base.....	389.66	13.22
06 44 39 00-0025	LF		16" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base.....	453.70	14.23
06 44 39 00-0026	LF		18" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base.....	547.76	15.25
06 44 39 00-0027	LF		20" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base.....	655.66	16.28
06 44 39 00-0028	LF		6" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base.....	106.66	6.61
06 44 39 00-0029	LF		8" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base.....	125.73	9.66
06 44 39 00-0030	LF		10" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base.....	156.91	11.18
06 44 39 00-0031	LF		12" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base.....	187.21	11.70
06 44 39 00-0032	LF		14" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base.....	425.20	13.22
06 44 39 00-0033	LF		16" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base.....	581.32	14.23
06 44 39 00-0034	LF		18" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base.....	626.82	15.25
06 44 39 00-0035	LF		20" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base.....	706.51	16.28
06 44 39 00-0036			Pine Classical Columns, Round Tapered With Cap And Base (06 44 39 00-0001)		
			Note: Paint grade/finger jointed pine.		
06 44 39 00-0037	LF		6" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base.....	81.64	6.61
06 44 39 00-0038	LF		8" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base.....	101.53	9.66
06 44 39 00-0039	LF		10" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base.....	125.04	11.18
06 44 39 00-0040	LF		12" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base.....	150.51	11.70
06 44 39 00-0041	LF		6" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base.....	94.50	6.61
06 44 39 00-0042	LF		8" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base.....	111.84	9.66
06 44 39 00-0043	LF		10" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base.....	139.27	11.18
06 44 39 00-0044	LF		12" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base.....	165.73	11.70
06 44 39 00-0045			Redwood Colonial Columns, Round Tapered With Cap And Base (06 44 39 00-0001)		
			Note: Paint grade/finger jointed redwood.		
06 44 39 00-0046	LF		6" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	128.83	6.61
06 44 39 00-0047	LF		8" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	154.24	9.66
06 44 39 00-0048	LF		10" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	192.68	11.18
06 44 39 00-0049	LF		12" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	236.40	11.70
06 44 39 00-0050	LF		6" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	148.65	6.61
06 44 39 00-0051	LF		8" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	175.42	9.66
06 44 39 00-0052	LF		10" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	217.46	11.18
06 44 39 00-0053	LF		12" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	268.84	11.70
06 44 39 00-0054			Ornamental Or Decorative Cap And Bases, Resin (06 44 39 00-0001)		
			Note: For tapered wood columns.		
06 44 39 00-0055	EA		6" Resin Corinthian Capital And Base.....	405.84	13.73
06 44 39 00-0056	EA		8" Resin Corinthian Capital And Base.....	616.09	15.25
06 44 39 00-0057	EA		10" Resin Corinthian Capital And Base.....	859.92	17.80
06 44 39 00-0058	EA		12" Resin Corinthian Capital And Base.....	1,099.24	20.35
06 44 39 00-0059	EA		6" Resin Greek Erectheum Cap And Base.....	360.79	13.73
06 44 39 00-0060	EA		8" Resin Greek Erectheum Cap And Base.....	503.48	15.25
06 44 39 00-0061	EA		10" Resin Greek Erectheum Cap And Base.....	625.69	17.80
06 44 39 00-0062	EA		12" Resin Greek Erectheum Cap And Base.....	819.96	20.35
06 44 39 00-0063	EA		6" Resin Roman Ionic Capital And Base.....	379.83	14.23
06 44 39 00-0064	EA		8" Resin Roman Ionic Capital And Base.....	503.48	15.25
06 44 39 00-0065	EA		10" Resin Roman Ionic Capital And Base.....	625.69	17.80
06 44 39 00-0066	EA		12" Resin Roman Ionic Capital And Base.....	797.44	20.35
06 44 39 00-0067	EA		6" Resin Scamozzi Capital And Base.....	384.34	14.23
06 44 39 00-0068	EA		8" Resin Scamozzi Capital And Base.....	548.53	15.25
06 44 39 00-0069	EA		10" Resin Scamozzi Capital And Base.....	648.21	17.80
06 44 39 00-0070	EA		12" Resin Scamozzi Capital And Base.....	892.03	20.35
06 44 39 00-0071	EA		6" Resin Temple Of Winds Cap And Base.....	384.34	14.23

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 44 Ornamental Woodwork**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 44 39 00-0072	EA	8" Resin Temple Of Winds Cap And Base.....	598.08	15.25
06 44 39 00-0073	EA	10" Resin Temple Of Winds Cap And Base.....	792.36	17.80
06 44 39 00-0074	EA	12" Resin Temple Of Winds Cap And Base.....	982.12	20.35

06 44 39 00-0075 Ornamental Or Decorative Cap And Bases, Plaster (06 44 39 00-0001)

Note: For tapered wood columns.

06 44 39 00-0076	EA	6" Plaster Corinthian Capital And Base	824.76	13.73
06 44 39 00-0077	EA	8" Plaster Corinthian Capital And Base	926.91	15.25
06 44 39 00-0078	EA	10" Plaster Corinthian Capital And Base	1,179.74	17.80
06 44 39 00-0079	EA	12" Plaster Corinthian Capital And Base	1,297.44	20.35
06 44 39 00-0080	EA	6" Plaster Greek Erectheum Cap And Base	545.48	13.73
06 44 39 00-0081	EA	8" Plaster Greek Erectheum Cap And Base	634.11	15.25
06 44 39 00-0082	EA	10" Plaster Greek Erectheum Cap And Base	783.35	17.80
06 44 39 00-0083	EA	12" Plaster Greek Erectheum Cap And Base	986.62	20.35
06 44 39 00-0084	EA	6" Plaster Roman Ionic Capital And Base	523.98	14.23
06 44 39 00-0085	EA	8" Plaster Roman Ionic Capital And Base	688.17	15.25
06 44 39 00-0086	EA	10" Plaster Roman Ionic Capital And Base	832.90	17.80
06 44 39 00-0087	EA	12" Plaster Roman Ionic Capital And Base.....	986.62	20.35
06 44 39 00-0088	EA	6" Plaster Scamozzi Capital And Base	623.07	14.23
06 44 39 00-0089	EA	8" Plaster Scamozzi Capital And Base	827.81	15.25
06 44 39 00-0090	EA	10" Plaster Scamozzi Capital And Base	932.00	17.80
06 44 39 00-0091	EA	12" Plaster Scamozzi Capital And Base	1,184.82	20.35
06 44 39 00-0092	EA	6" Plaster Temple Of Winds Cap And Base.....	523.98	14.23
06 44 39 00-0093	EA	8" Plaster Temple Of Winds Cap And Base.....	679.16	15.25
06 44 39 00-0094	EA	10" Plaster Temple Of Winds Cap And Base.....	886.95	17.80
06 44 39 00-0095	EA	12" Plaster Temple Of Winds Cap And Base.....	1,135.27	20.35
06 44 39 00-0096	EA	6" Plaster Empire Capital And Base	591.54	14.23
06 44 39 00-0097	EA	8" Plaster Empire Capital And Base	724.20	15.25
06 44 39 00-0098	EA	10" Plaster Empire Capital And Base	882.45	17.80
06 44 39 00-0099	EA	12" Plaster Empire Capital And Base	986.62	20.35

06 46 Wood Trim (06 40)**06 46 13 Wood Door and Window Casings (06 46)****06 46 13 00-0001 Door and Window Casings (06 46 13)**

06 46 13 00-0002	LF	1-1/8" Wide Plain Pine Door And Window Molding.....	5.52	1.86
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.96	
06 46 13 00-0003	LF	1-1/8" Wide Detailed Pine Door And Window Molding.....	5.57	1.86
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.96	
06 46 13 00-0004	LF	2-1/2" Wide Pine Complete Door And Window Trim.....	7.04	1.86
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.96	

06 46 19 Wood Base and Shoe Moldings (06 46)**06 46 19 00-0001 Base And Shoe Molding (06 46 19)**

06 46 19 00-0002	LF	1/2" x 1/2" Pine Quarter Round Trim.....	5.69	2.21
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.12	
06 46 19 00-0003	LF	3/4" x 3/4" Pine Quarter Round Trim.....	6.11	2.21
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.12	
06 46 19 00-0004	LF	3-1/2" High White Pine Base Molding, All Dimensions Are Nominal.....	7.33	1.40
		<i>For Clear Birch, Add</i>	0.86	
		<i>For Clear Mahogany, Oak, Maple Or Walnut, Add</i>	1.67	
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.48	
		<i>For Clear Poplar, Add</i>	0.54	
06 46 19 00-0005	LF	4-1/2" High White Pine Base Molding, All Dimensions Are Nominal.....	8.91	1.74
		<i>For Clear Birch, Add</i>	0.99	
		<i>For Clear Mahogany, Oak, Maple Or Walnut, Add</i>	1.97	
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.56	
		<i>For Clear Poplar, Add</i>	0.62	
06 46 19 00-0006	LF	5-1/2" High White Pine Base Molding, All Dimensions Are Nominal.....	11.18	1.98
		<i>For Clear Birch, Add</i>	1.53	
		<i>For Clear Mahogany, Oak, Maple Or Walnut, Add</i>	2.79	
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.86	
		<i>For Clear Poplar, Add</i>	0.96	
06 46 19 00-0007	LF	3/4" x 1" Oak Base Shoe	7.19	2.21
06 46 19 00-0008	LF	3/4" x 1" White Pine Base Shoe, Stain Grade.....	6.95	2.21
06 46 19 00-0009	LF	3/4" x 1" White Pine Base Shoe, Paint Grade.....	6.41	2.21

06 46 23 Wood Chair Rails (06 46)**06 46 23 00-0001 Chair Rails (06 46 23)**

06 46 23 00-0002	LF	5/8" x 2-1/2" White Pine Shaped Chair Rail.....	9.05	2.09
		<i>For Birch, Add</i>	1.41	
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	2.45	
		<i>For Poplar, Add</i>	0.88	
06 46 23 00-0003	LF	5/8" x 3-1/2" White Pine Shaped Chair Rail.....	11.27	2.09
		<i>For Birch, Add</i>	2.12	
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	3.44	
		<i>For Poplar, Add</i>	1.32	
06 46 23 00-0004	LF	1/2" x 1-5/8" White Pine Shaped Chair Rail.....	6.71	2.09
		<i>For Birch, Add</i>	1.03	
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	1.80	
		<i>For Poplar, Add</i>	0.64	

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 46 26 Wood Cornices (06 46)

06 46 26 00-0001 Wood Cornices (06 46 26)

06 46 26 00-0002	LF	1" x 2" White Pine Cornices, All Dimensions Are Nominal.....	6.65	2.09
		<i>For Birch, Add</i>	0.72	
		<i>For Mahogany, Oak, Maple, Or Walnut, Add</i>	1.37	
		<i>For Poplar, Add</i>	0.90	
06 46 26 00-0003	LF	1" x 4" White Pine Cornices, All Dimensions Are Nominal.....	8.47	2.21
		<i>For Birch, Add</i>	1.30	
		<i>For Mahogany, Oak, Maple, Or Walnut, Add</i>	2.11	
		<i>For Poplar, Add</i>	1.63	
06 46 26 00-0004	LF	1" x 6" White Pine Cornices, All Dimensions Are Nominal.....	11.96	2.32
		<i>For Birch, Add</i>	2.48	
		<i>For Mahogany, Oak, Maple, Or Walnut, Add</i>	3.61	
		<i>For Poplar, Add</i>	3.11	
06 46 26 00-0005	LF	1" x 8" White Pine Cornices, All Dimensions Are Nominal.....	13.85	2.32
		<i>For Birch, Add</i>	3.09	
		<i>For Mahogany, Oak, Maple, Or Walnut, Add</i>	4.38	
		<i>For Poplar, Add</i>	3.86	
06 46 26 00-0006	LF	1" x 10" White Pine Cornices, All Dimensions Are Nominal.....	16.05	2.45
		<i>For Birch, Add</i>	3.79	
		<i>For Mahogany, Oak, Maple, Or Walnut, Add</i>	5.29	
		<i>For Poplar, Add</i>	4.73	
06 46 26 00-0007	LF	1" x 12" White Pine Cornices, All Dimensions Are Nominal.....	20.79	2.68
		<i>For Birch, Add</i>	5.39	
		<i>For Mahogany, Oak, Maple, Or Walnut, Add</i>	7.32	
		<i>For Poplar, Add</i>	6.74	

06 46 29 Wood Fasciae and Soffits (06 46)

06 46 29 00-0001 Fascia Board (06 46 29)

06 46 29 00-0002 Pine Fascia Board (06 46 29 00-0001)

06 46 29 00-0003	LF	1" x 6" Pine Fascia Board.....	5.26	2.32
06 46 29 00-0004	LF	1" x 8" Pine Fascia Board.....	5.99	2.59
06 46 29 00-0005	LF	1" x 10" Pine Fascia Board.....	6.43	2.71
06 46 29 00-0006	LF	1" x 12" Pine Fascia Board.....	7.49	3.04
06 46 29 00-0007	LF	2" x 6" Pine Fascia Board.....	5.22	2.32
06 46 29 00-0008	LF	2" x 8" Pine Fascia Board.....	5.92	2.59
06 46 29 00-0009	LF	2" x 10" Pine Fascia Board.....	6.53	2.71
06 46 29 00-0010	LF	2" x 12" Pine Fascia Board.....	7.78	3.04

06 46 29 00-0011 Cedar Fascia Board (06 46 29 00-0001)

06 46 29 00-0012	LF	1" x 6" Cedar Fascia Board.....	5.56	2.32
06 46 29 00-0013	LF	1" x 8" Cedar Fascia Board.....	6.45	2.59
06 46 29 00-0014	LF	1" x 10" Cedar Fascia Board.....	7.32	2.71
06 46 29 00-0015	LF	1" x 12" Cedar Fascia Board.....	8.73	3.04

06 46 29 00-0016 Engineered Wood Fascia Board (06 46 29 00-0001)

06 46 29 00-0017	LF	1" x 6" Engineered Wood Fascia Board.....	5.10	2.32
06 46 29 00-0018	LF	1" x 8" Engineered Wood Fascia Board.....	5.76	2.59
06 46 29 00-0019	LF	1" x 12" Engineered Wood Fascia Board.....	6.96	3.04

06 46 29 00-0020 Soffit (06 46 29)

06 46 29 00-0021 Sanded Plywood Soffit (06 46 29 00-0020)

06 46 29 00-0022	SF	3/8" Thick, Sanded Plywood Soffit.....	4.81	1.76
06 46 29 00-0023	SF	1/2" Thick, Sanded Plywood Soffit.....	5.30	1.85
06 46 29 00-0024	SF	5/8" Thick, Sanded Plywood Soffit.....	5.57	1.93
06 46 29 00-0025	SF	3/4" Thick, Sanded Plywood Soffit.....	6.17	2.04

06 46 29 00-0026 MDO Plywood Soffit (06 46 29 00-0020)

06 46 29 00-0027	SF	3/8" Thick, MDO Plywood Soffit.....	5.41	1.76
06 46 29 00-0028	SF	1/2" Thick, MDO Plywood Soffit.....	6.06	1.85
06 46 29 00-0029	SF	3/4" Thick, MDO Plywood Soffit.....	7.65	2.04

06 46 29 00-0030 Exterior Ceiling Gypsum Board Soffit (06 46 29 00-0020)

06 46 29 00-0031	SF	1/2" Thick, Exterior Ceiling Gypsum Board Soffit.....	3.61	1.53
06 46 29 00-0032	SF	5/8" Thick, Fire Rated, Exterior Ceiling Gypsum Board Soffit.....	3.87	1.61

06 46 36 Custom Wood Molding (06 46)

Note: Includes set-up, knife charge, gluing (Where necessary for widths over 7-1/2"). All dimensions are nominal.

06 46 36 00-0001 Basswood (06 46 36)

06 46 36 00-0002	LF	3/4" x 1-1/2" Custom Shaped Basswood.....	7.10	1.28
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.94	
06 46 36 00-0003	LF	3/4" x 2-1/2" Custom Shaped Basswood.....	8.73	1.28
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.97	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 46 36 00-0004	LF	3/4" x 3-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	10.37 1.00	1.28
06 46 36 00-0005	LF	3/4" x 4-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	12.00 1.03	1.40
06 46 36 00-0006	LF	3/4" x 5-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	13.76 1.09	1.40
06 46 36 00-0007	LF	3/4" x 6-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	15.52 1.15	1.51
06 46 36 00-0008	LF	3/4" x 7-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	17.14 1.18	1.51
06 46 36 00-0009	LF	3/4" x 8-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	18.79 1.21	1.63
06 46 36 00-0010	LF	3/4" x 9-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	20.37 1.23	1.63
06 46 36 00-0011	LF	3/4" x 10-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	22.16 1.30	1.74
06 46 36 00-0012	LF	3/4" x 11-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	23.85 1.34	1.74
06 46 36 00-0013	LF	1" x 1-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	8.12 0.97	1.28
06 46 36 00-0014	LF	1" x 2-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	10.19 1.00	1.28
06 46 36 00-0015	LF	1" x 3-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	12.26 1.03	1.40
06 46 36 00-0016	LF	1" x 4-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	14.32 1.06	1.40
06 46 36 00-0017	LF	1" x 5-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	16.56 1.12	1.51
06 46 36 00-0018	LF	1" x 6-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	18.75 1.18	1.51
06 46 36 00-0019	LF	1" x 7-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	20.79 1.21	1.63
06 46 36 00-0020	LF	1" x 8-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	22.88 1.24	1.63
06 46 36 00-0021	LF	1" x 9-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	24.94 1.26	1.63
06 46 36 00-0022	LF	1" x 10-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	27.16 1.32	1.74
06 46 36 00-0023	LF	1" x 11-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	29.27 1.37	1.74
06 46 36 00-0024	LF	1-1/2" x 1-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	11.19 1.00	1.28
06 46 36 00-0025	LF	1-1/2" x 2-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	14.76 1.03	1.28
06 46 36 00-0026	LF	1-1/2" x 3-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	18.32 1.06	1.40
06 46 36 00-0027	LF	1-1/2" x 4-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	21.88 1.09	1.40
06 46 36 00-0028	LF	1-1/2" x 5-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	25.57 1.15	1.51
06 46 36 00-0029	LF	1-1/2" x 6-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	29.26 1.21	1.63
06 46 36 00-0030	LF	1-1/2" x 7-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	32.82 1.23	1.63
06 46 36 00-0031	LF	1-1/2" x 8-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	36.41 1.27	1.63
06 46 36 00-0032	LF	1-1/2" x 9-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	39.90 1.28	1.63
06 46 36 00-0033	LF	1-1/2" x 10-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	43.63 1.35	1.74
06 46 36 00-0034	LF	1-1/2" x 11-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	47.24 1.39	1.86
06 46 36 00-0035	LF	3-1/2" x 3-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	44.48 1.15	1.51
06 46 36 00-0036	LF	3-1/2" x 4-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	54.57 1.20	1.51
06 46 36 00-0037	LF	3-1/2" x 5-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	64.55 1.23	1.63
06 46 36 00-0038	LF	3-1/2" x 6-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	74.77 1.31	1.74
06 46 36 00-0039	LF	3-1/2" x 7-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	84.76 1.34	1.74
06 46 36 00-0040	LF	3-1/2" x 8-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	94.96 1.39	1.86
06 46 36 00-0041	LF	3-1/2" x 9-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	104.83 1.42	1.86
06 46 36 00-0042	LF	3-1/2" x 10-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	114.82 1.44	1.86
06 46 36 00-0043	LF	3-1/2" x 11-1/2" Custom Shaped Basswood For Curved Surfaces With A 2'-0" Maximum Radius, Add	125.03 1.52	1.98
06 46 36 00-0044		Clear Western Cedar <small>(06 46 36)</small>		
06 46 36 00-0045	LF	3/4" x 1-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	7.64 0.94	1.28
06 46 36 00-0046	LF	3/4" x 2-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	9.54 0.97	1.28
06 46 36 00-0047	LF	3/4" x 3-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	11.44 1.00	1.28

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0048	LF	3/4"	x 4-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.34 1.03	1.40
06 46 36 00-0049	LF	3/4"	x 5-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.37 1.09	1.40
06 46 36 00-0050	LF	3/4"	x 6-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.40 1.15	1.51
06 46 36 00-0051	LF	1"	x 1-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.04 0.97	1.28
06 46 36 00-0052	LF	1"	x 2-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.58 1.00	1.28
06 46 36 00-0053	LF	1"	x 3-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.13 1.03	1.40
06 46 36 00-0054	LF	1"	x 4-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	16.68 1.06	1.40
06 46 36 00-0055	LF	1"	x 5-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.35 1.12	1.51
06 46 36 00-0056	LF	1"	x 6-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	22.02 1.18	1.51
06 46 36 00-0057	LF	1-1/4"	x 1-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.84 1.00	1.28
06 46 36 00-0058	LF	1-1/4"	x 2-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.72 1.03	1.28
06 46 36 00-0059	LF	1-1/4"	x 3-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.61 1.06	1.40
06 46 36 00-0060	LF	1-1/4"	x 4-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.49 1.09	1.40
06 46 36 00-0061	LF	1-1/4"	x 5-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	27.50 1.15	1.51
06 46 36 00-0062	LF	1-1/4"	x 6-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	31.52 1.21	1.51
06 46 36 00-0063	LF	1-1/2"	x 1-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.17 1.02	1.28
06 46 36 00-0064	LF	1-1/2"	x 2-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	16.16 1.05	1.40
06 46 36 00-0065	LF	1-1/2"	x 3-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.15 1.08	1.40
06 46 36 00-0066	LF	1-1/2"	x 4-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.14 1.11	1.51
06 46 36 00-0067	LF	1-1/2"	x 5-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	28.15 1.15	1.51
06 46 36 00-0068	LF	1-1/2"	x 6-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	32.39 1.23	1.63
06 46 36 00-0069	LF	3-1/2"	x 3-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	39.33 1.15	1.51
06 46 36 00-0070	LF	3-1/2"	x 4-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	48.13 1.20	1.51
06 46 36 00-0071	LF	3-1/2"	x 5-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	56.83 1.23	1.63
06 46 36 00-0072	LF	3-1/2"	x 6-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	65.76 1.31	1.74
06 46 36 00-0073	LF	3-1/2"	x 7-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	74.46 1.34	1.74
06 46 36 00-0074	LF	3-1/2"	x 8-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	83.27 1.39	1.86
06 46 36 00-0075	LF	3-1/2"	x 9-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	91.96 1.42	1.86
06 46 36 00-0076	LF	3-1/2"	x 10-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	100.66 1.44	1.86
06 46 36 00-0077	LF	3-1/2"	x 11-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	109.59 1.52	1.98
06 46 36 00-0078			Cherry <small>(06 46 36)</small>		
06 46 36 00-0079	LF	3/4"	x 1-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.36 0.94	1.28
06 46 36 00-0080	LF	3/4"	x 2-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.11 0.97	1.28
06 46 36 00-0081	LF	3/4"	x 3-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.87 1.00	1.28
06 46 36 00-0082	LF	3/4"	x 4-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.63 1.03	1.40
06 46 36 00-0083	LF	3/4"	x 5-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.52 1.09	1.40
06 46 36 00-0084	LF	3/4"	x 6-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.40 1.15	1.51
06 46 36 00-0085	LF	3/4"	x 7-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	26.15 1.18	1.51
06 46 36 00-0086	LF	3/4"	x 8-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	28.93 1.21	1.51
06 46 36 00-0087	LF	3/4"	x 9-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	31.63 1.23	1.63
06 46 36 00-0088	LF	3/4"	x 10-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	34.54 1.30	1.63
06 46 36 00-0089	LF	3/4"	x 11-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	37.36 1.34	1.74
06 46 36 00-0090	LF	1"	x 1-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.18 0.97	1.28
06 46 36 00-0091	LF	1"	x 2-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.80 1.00	1.28

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 46 36 00-0092	LF	1" x 3-1/2" Custom Shaped Cherry	18.42	1.40
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.03	
06 46 36 00-0093	LF	1" x 4-1/2" Custom Shaped Cherry	22.04	1.40
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.06	
06 46 36 00-0094	LF	1" x 5-1/2" Custom Shaped Cherry	25.78	1.51
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.12	
06 46 36 00-0095	LF	1" x 6-1/2" Custom Shaped Cherry	29.53	1.51
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.18	
06 46 36 00-0096	LF	1" x 7-1/2" Custom Shaped Cherry	33.12	1.51
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.21	
06 46 36 00-0097	LF	1" x 8-1/2" Custom Shaped Cherry	36.82	1.63
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.24	
06 46 36 00-0098	LF	1" x 9-1/2" Custom Shaped Cherry	40.33	1.63
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.26	
06 46 36 00-0099	LF	1" x 10-1/2" Custom Shaped Cherry	44.10	1.74
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.32	
06 46 36 00-0100	LF	1" x 11-1/2" Custom Shaped Cherry	47.77	1.74
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.37	
06 46 36 00-0101	LF	1-1/4" x 1-1/2" Custom Shaped Cherry	13.18	1.28
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.00	
06 46 36 00-0102	LF	1-1/4" x 2-1/2" Custom Shaped Cherry	17.76	1.28
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.03	
06 46 36 00-0103	LF	1-1/4" x 3-1/2" Custom Shaped Cherry	22.29	1.40
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.06	
06 46 36 00-0104	LF	1-1/4" x 4-1/2" Custom Shaped Cherry	26.87	1.40
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.09	
06 46 36 00-0105	LF	1-1/4" x 5-1/2" Custom Shaped Cherry	31.52	1.51
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.15	
06 46 36 00-0106	LF	1-1/4" x 6-1/2" Custom Shaped Cherry	36.24	1.51
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.21	
06 46 36 00-0107	LF	1-1/4" x 7-1/2" Custom Shaped Cherry	40.75	1.63
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.23	
06 46 36 00-0108	LF	1-1/4" x 8-1/2" Custom Shaped Cherry	45.36	1.63
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.27	
06 46 36 00-0109	LF	1-1/4" x 9-1/2" Custom Shaped Cherry	49.82	1.63
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.28	
06 46 36 00-0110	LF	1-1/4" x 10-1/2" Custom Shaped Cherry	54.57	1.74
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.35	
06 46 36 00-0111	LF	1-1/4" x 11-1/2" Custom Shaped Cherry	59.15	1.86
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.39	
06 46 36 00-0112	LF	1-1/2" x 1-1/2" Custom Shaped Cherry	16.89	1.28
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.02	
06 46 36 00-0113	LF	1-1/2" x 2-1/2" Custom Shaped Cherry	23.24	1.40
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.05	
06 46 36 00-0114	LF	1-1/2" x 3-1/2" Custom Shaped Cherry	29.59	1.40
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.08	
06 46 36 00-0115	LF	1-1/2" x 4-1/2" Custom Shaped Cherry	35.94	1.51
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.11	
06 46 36 00-0116	LF	1-1/2" x 5-1/2" Custom Shaped Cherry	42.30	1.51
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.15	
06 46 36 00-0117	LF	1-1/2" x 6-1/2" Custom Shaped Cherry	48.90	1.63
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.23	
06 46 36 00-0118	LF	1-1/2" x 7-1/2" Custom Shaped Cherry	55.23	1.63
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.26	
06 46 36 00-0119	LF	1-1/2" x 8-1/2" Custom Shaped Cherry	61.62	1.63
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.30	
06 46 36 00-0120	LF	1-1/2" x 9-1/2" Custom Shaped Cherry	67.91	1.74
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.31	
06 46 36 00-0121	LF	1-1/2" x 10-1/2" Custom Shaped Cherry	74.52	1.74
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.38	
06 46 36 00-0122	LF	1-1/2" x 11-1/2" Custom Shaped Cherry	80.82	1.86
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.42	

06 46 36 00-0123 Cypress (06 46 36)

06 46 36 00-0124	LF	3/4" x 1-1/2" Custom Shaped Cypress	7.10	1.28
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.94	
06 46 36 00-0125	LF	3/4" x 2-1/2" Custom Shaped Cypress	8.73	1.28
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.97	
06 46 36 00-0126	LF	3/4" x 3-1/2" Custom Shaped Cypress	10.37	1.28
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.00	
06 46 36 00-0127	LF	3/4" x 4-1/2" Custom Shaped Cypress	12.00	1.40
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.03	
06 46 36 00-0128	LF	3/4" x 5-1/2" Custom Shaped Cypress	13.76	1.40
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.09	
06 46 36 00-0129	LF	3/4" x 6-1/2" Custom Shaped Cypress	15.52	1.51
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.15	
06 46 36 00-0130	LF	3/4" x 7-1/2" Custom Shaped Cypress	17.57	1.51
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.18	
06 46 36 00-0131	LF	3/4" x 8-1/2" Custom Shaped Cypress	19.28	1.51
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.21	
06 46 36 00-0132	LF	3/4" x 9-1/2" Custom Shaped Cypress	22.51	1.63
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.23	
06 46 36 00-0133	LF	3/4" x 10-1/2" Custom Shaped Cypress	24.52	1.63
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.30	
06 46 36 00-0134	LF	1" x 1-1/2" Custom Shaped Cypress	9.47	1.28
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.97	
06 46 36 00-0135	LF	1" x 2-1/2" Custom Shaped Cypress	12.17	1.28
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0136	LF		1" x 3-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.94 1.03	1.40
06 46 36 00-0137	LF		1" x 4-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.69 1.06	1.40
06 46 36 00-0138	LF		1" x 5-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.58 1.12	1.51
06 46 36 00-0139	LF		1" x 6-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.42 1.18	1.51
06 46 36 00-0140	LF		1" x 7-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	26.15 1.21	1.51
06 46 36 00-0141	LF		1" x 8-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	28.94 1.24	1.63
06 46 36 00-0142	LF		1" x 9-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	31.64 1.26	1.63
06 46 36 00-0143	LF		1" x 10-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	34.61 1.32	1.74
06 46 36 00-0144	LF		1" x 11-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	37.31 1.37	1.74
06 46 36 00-0145	LF		1-1/2" x 1-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.10 1.02	1.28
06 46 36 00-0146	LF		1-1/2" x 2-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.55 1.05	1.40
06 46 36 00-0147	LF		1-1/2" x 3-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	18.01 1.08	1.40
06 46 36 00-0148	LF		1-1/2" x 4-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	21.46 1.11	1.51
06 46 36 00-0149	LF		1-1/2" x 5-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.93 1.15	1.51
06 46 36 00-0150	LF		1-1/2" x 6-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	28.63 1.23	1.63
06 46 36 00-0151	LF		1-1/2" x 7-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	32.07 1.26	1.63
06 46 36 00-0152	LF		1-1/2" x 8-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	35.56 1.30	1.63
06 46 36 00-0153	LF		1-1/2" x 9-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	42.17 1.31	1.74
06 46 36 00-0154	LF		1-1/2" x 10-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	45.99 1.38	1.74
06 46 36 00-0155			Honduran Mahogany (06 46 36)		
06 46 36 00-0156	LF		3/4" x 1-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.00 0.94	1.28
06 46 36 00-0157	LF		3/4" x 2-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.08 0.97	1.28
06 46 36 00-0158	LF		3/4" x 3-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	16.16 1.00	1.28
06 46 36 00-0159	LF		3/4" x 4-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.24 1.03	1.40
06 46 36 00-0160	LF		3/4" x 5-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	22.45 1.09	1.40
06 46 36 00-0161	LF		3/4" x 6-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	25.66 1.15	1.51
06 46 36 00-0162	LF		3/4" x 7-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	28.73 1.18	1.51
06 46 36 00-0163	LF		3/4" x 8-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	31.82 1.21	1.63
06 46 36 00-0164	LF		3/4" x 9-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	34.84 1.23	1.63
06 46 36 00-0165	LF		3/4" x 10-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	38.08 1.30	1.74
06 46 36 00-0166	LF		3/4" x 11-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	41.22 1.34	1.74
06 46 36 00-0167	LF		1" x 1-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.15 0.97	1.28
06 46 36 00-0168	LF		1" x 2-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	16.19 1.00	1.28
06 46 36 00-0169	LF		1" x 3-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.30 1.03	1.40
06 46 36 00-0170	LF		1" x 4-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.40 1.06	1.40
06 46 36 00-0171	LF		1" x 5-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	28.63 1.12	1.51
06 46 36 00-0172	LF		1" x 6-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	32.80 1.18	1.51
06 46 36 00-0173	LF		1" x 7-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	36.88 1.21	1.63
06 46 36 00-0174	LF		1" x 8-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	41.01 1.24	1.63
06 46 36 00-0175	LF		1" x 9-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	45.05 1.26	1.63
06 46 36 00-0176	LF		1" x 10-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	49.25 1.32	1.74
06 46 36 00-0177	LF		1" x 11-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	53.93 1.37	1.74
06 46 36 00-0178	LF		1-1/4" x 1-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.82 1.00	1.28
06 46 36 00-0179	LF		1-1/4" x 2-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	18.72 1.03	1.28

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 46 36 00-0180	LF	1-1/4" x 3-1/2" Custom Shaped Honduras Mahogany	23.57	1.40
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.06	
06 46 36 00-0181	LF	1-1/4" x 4-1/2" Custom Shaped Honduras Mahogany	28.48	1.40
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.09	
06 46 36 00-0182	LF	1-1/4" x 5-1/2" Custom Shaped Honduras Mahogany	33.45	1.51
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.15	
06 46 36 00-0183	LF	1-1/4" x 6-1/2" Custom Shaped Honduras Mahogany	38.49	1.63
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.21	
06 46 36 00-0184	LF	1-1/4" x 7-1/2" Custom Shaped Honduras Mahogany	43.33	1.63
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.23	
06 46 36 00-0185	LF	1-1/4" x 8-1/2" Custom Shaped Honduras Mahogany	48.26	1.63
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.27	
06 46 36 00-0186	LF	1-1/4" x 9-1/2" Custom Shaped Honduras Mahogany	51.97	1.63
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.28	
06 46 36 00-0187	LF	1-1/4" x 10-1/2" Custom Shaped Honduras Mahogany	58.11	1.74
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.35	
06 46 36 00-0188	LF	1-1/4" x 11-1/2" Custom Shaped Honduras Mahogany	63.01	1.86
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.39	
06 46 36 00-0189	LF	1-1/2" x 1-1/2" Custom Shaped Honduras Mahogany	17.11	1.28
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.02	
06 46 36 00-0190	LF	1-1/2" x 2-1/2" Custom Shaped Honduras Mahogany	23.56	1.40
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.05	
06 46 36 00-0191	LF	1-1/2" x 3-1/2" Custom Shaped Honduras Mahogany	30.02	1.40
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.08	
06 46 36 00-0192	LF	1-1/2" x 4-1/2" Custom Shaped Honduras Mahogany	36.48	1.40
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.11	
06 46 36 00-0193	LF	1-1/2" x 5-1/2" Custom Shaped Honduras Mahogany	42.95	1.51
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.15	
06 46 36 00-0194	LF	1-1/2" x 6-1/2" Custom Shaped Honduras Mahogany	49.65	1.63
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.23	
06 46 36 00-0195	LF	1-1/2" x 7-1/2" Custom Shaped Honduras Mahogany	56.09	1.63
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.26	
06 46 36 00-0196	LF	1-1/2" x 8-1/2" Custom Shaped Honduras Mahogany	62.59	1.74
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.30	
06 46 36 00-0197	LF	1-1/2" x 9-1/2" Custom Shaped Honduras Mahogany	68.99	1.74
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.31	
06 46 36 00-0198	LF	1-1/2" x 10-1/2" Custom Shaped Honduras Mahogany	75.60	1.74
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.38	
06 46 36 00-0199	LF	1-1/2" x 11-1/2" Custom Shaped Honduras Mahogany	82.21	1.86
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.42	
06 46 36 00-0200	LF	2" x 1-1/2" Custom Shaped Honduras Mahogany	20.36	1.40
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.04	
06 46 36 00-0201	LF	2" x 2-1/2" Custom Shaped Honduras Mahogany	28.42	1.40
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.07	
06 46 36 00-0202	LF	2" x 3-1/2" Custom Shaped Honduras Mahogany	36.41	1.40
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.10	
06 46 36 00-0203	LF	2" x 4-1/2" Custom Shaped Honduras Mahogany	44.58	1.51
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.15	
06 46 36 00-0204	LF	2" x 5-1/2" Custom Shaped Honduras Mahogany	52.58	1.51
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.18	
06 46 36 00-0205	LF	2" x 6-1/2" Custom Shaped Honduras Mahogany	60.85	1.63
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.26	
06 46 36 00-0206	LF	2" x 7-1/2" Custom Shaped Honduras Mahogany	68.86	1.63
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.28	
06 46 36 00-0207	LF	2" x 8-1/2" Custom Shaped Honduras Mahogany	77.03	1.74
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.34	
06 46 36 00-0208	LF	2" x 9-1/2" Custom Shaped Honduras Mahogany	85.03	1.74
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.36	
06 46 36 00-0209	LF	2" x 10-1/2" Custom Shaped Honduras Mahogany	93.08	1.86
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.39	
06 46 36 00-0210	LF	2" x 11-1/2" Custom Shaped Honduras Mahogany	101.32	1.98
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.47	
06 46 36 00-0211	LF	2-1/2" x 1-1/2" Custom Shaped Honduras Mahogany	25.03	1.40
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.07	
06 46 36 00-0212	LF	2-1/2" x 2-1/2" Custom Shaped Honduras Mahogany	33.73	1.40
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.10	
06 46 36 00-0213	LF	2-1/2" x 3-1/2" Custom Shaped Honduras Mahogany	43.50	1.51
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.12	
06 46 36 00-0214	LF	2-1/2" x 4-1/2" Custom Shaped Honduras Mahogany	53.37	1.51
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.18	
06 46 36 00-0215	LF	2-1/2" x 5-1/2" Custom Shaped Honduras Mahogany	63.16	1.51
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.21	
06 46 36 00-0216	LF	2-1/2" x 6-1/2" Custom Shaped Honduras Mahogany	73.15	1.63
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.28	
06 46 36 00-0217	LF	2-1/2" x 7-1/2" Custom Shaped Honduras Mahogany	82.92	1.74
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.31	
06 46 36 00-0218	LF	2-1/2" x 8-1/2" Custom Shaped Honduras Mahogany	92.80	1.74
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.36	
06 46 36 00-0219	LF	2-1/2" x 9-1/2" Custom Shaped Honduras Mahogany	102.56	1.86
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.39	
06 46 36 00-0220	LF	2-1/2" x 10-1/2" Custom Shaped Honduras Mahogany	112.35	1.86
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.42	
06 46 36 00-0221	LF	2-1/2" x 11-1/2" Custom Shaped Honduras Mahogany	122.35	1.98
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.50	
06 46 36 00-0222	LF	3-1/2" x 3-1/2" Custom Shaped Honduras Mahogany	59.06	1.51
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.15	
06 46 36 00-0223	LF	3-1/2" x 4-1/2" Custom Shaped Honduras Mahogany	72.80	1.51
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.20	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0224	LF		3-1/2" x 5-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	86.43 1.23	1.63
06 46 36 00-0225	LF		3-1/2" x 6-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	100.29 1.31	1.74
06 46 36 00-0226	LF		3-1/2" x 7-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	113.93 1.34	1.74
06 46 36 00-0227	LF		3-1/2" x 8-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	127.67 1.39	1.86
06 46 36 00-0228	LF		3-1/2" x 9-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	141.30 1.42	1.86
06 46 36 00-0229	LF		3-1/2" x 10-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	154.93 1.44	1.86
06 46 36 00-0230	LF		3-1/2" x 11-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	168.79 1.52	1.98
06 46 36 00-0231 Appl Soft Maple (06 46 36)					
06 46 36 00-0232	LF		3/4" x 1-1/2" Custom Shaped Appl Soft Maple	7.64	1.28
06 46 36 00-0233	LF		3/4" x 2-1/2" Custom Shaped Appl Soft Maple	9.54	1.28
06 46 36 00-0234	LF		3/4" x 3-1/2" Custom Shaped Appl Soft Maple	11.44	1.28
06 46 36 00-0235	LF		3/4" x 4-1/2" Custom Shaped Appl Soft Maple	13.34	1.40
06 46 36 00-0236	LF		3/4" x 5-1/2" Custom Shaped Appl Soft Maple	15.37	1.40
06 46 36 00-0237	LF		3/4" x 6-1/2" Custom Shaped Appl Soft Maple	17.40	1.51
06 46 36 00-0238	LF		3/4" x 7-1/2" Custom Shaped Appl Soft Maple	19.29	1.51
06 46 36 00-0239	LF		3/4" x 8-1/2" Custom Shaped Appl Soft Maple	21.21	1.51
06 46 36 00-0240	LF		3/4" x 9-1/2" Custom Shaped Appl Soft Maple	23.05	1.63
06 46 36 00-0241	LF		3/4" x 10-1/2" Custom Shaped Appl Soft Maple	25.11	1.74
06 46 36 00-0242	LF		3/4" x 11-1/2" Custom Shaped Appl Soft Maple	27.07	1.74
06 46 36 00-0243	LF		1" x 1-1/2" Custom Shaped Appl Soft Maple	8.66	1.28
06 46 36 00-0244	LF		1" x 2-1/2" Custom Shaped Appl Soft Maple	10.99	1.28
06 46 36 00-0245	LF		1" x 3-1/2" Custom Shaped Appl Soft Maple	13.33	1.40
06 46 36 00-0246	LF		1" x 4-1/2" Custom Shaped Appl Soft Maple	15.60	1.40
06 46 36 00-0247	LF		1" x 5-1/2" Custom Shaped Appl Soft Maple	18.17	1.51
06 46 36 00-0248	LF		1" x 6-1/2" Custom Shaped Appl Soft Maple	20.63	1.51
06 46 36 00-0249	LF		1" x 7-1/2" Custom Shaped Appl Soft Maple	22.94	1.51
06 46 36 00-0250	LF		1" x 8-1/2" Custom Shaped Appl Soft Maple	25.29	1.63
06 46 36 00-0251	LF		1" x 9-1/2" Custom Shaped Appl Soft Maple	27.62	1.63
06 46 36 00-0252	LF		1" x 10-1/2" Custom Shaped Appl Soft Maple	30.11	1.74
06 46 36 00-0253	LF		1" x 11-1/2" Custom Shaped Appl Soft Maple	32.48	1.74
06 46 36 00-0254	LF		1-1/4" x 1-1/2" Custom Shaped Appl Soft Maple	9.64	1.28
06 46 36 00-0255	LF		1-1/4" x 2-1/2" Custom Shaped Appl Soft Maple	12.45	1.28
06 46 36 00-0256	LF		1-1/4" x 3-1/2" Custom Shaped Appl Soft Maple	15.21	1.40
06 46 36 00-0257	LF		1-1/4" x 4-1/2" Custom Shaped Appl Soft Maple	18.02	1.40
06 46 36 00-0258	LF		1-1/4" x 5-1/2" Custom Shaped Appl Soft Maple	20.91	1.51
06 46 36 00-0259	LF		1-1/4" x 6-1/2" Custom Shaped Appl Soft Maple	23.85	1.51
06 46 36 00-0260	LF		1-1/4" x 7-1/2" Custom Shaped Appl Soft Maple	26.60	1.63
06 46 36 00-0261	LF		1-1/4" x 8-1/2" Custom Shaped Appl Soft Maple	29.44	1.63
06 46 36 00-0262	LF		1-1/4" x 9-1/2" Custom Shaped Appl Soft Maple	32.12	1.63
06 46 36 00-0263	LF		1-1/4" x 10-1/2" Custom Shaped Appl Soft Maple	35.11	1.74
06 46 36 00-0264	LF		1-1/4" x 11-1/2" Custom Shaped Appl Soft Maple	37.91	1.86
06 46 36 00-0265	LF		1-1/2" x 1-1/2" Custom Shaped Appl Soft Maple	11.53	1.28
06 46 36 00-0266	LF		1-1/2" x 2-1/2" Custom Shaped Appl Soft Maple	15.20	1.40
06 46 36 00-0267	LF		1-1/2" x 3-1/2" Custom Shaped Appl Soft Maple	18.87	1.40
06 46 36 00-0268	LF		1-1/2" x 4-1/2" Custom Shaped Appl Soft Maple	22.54	1.51
06 46 36 00-0269	LF		1-1/2" x 5-1/2" Custom Shaped Appl Soft Maple	26.22	1.51
06 46 36 00-0270	LF		1-1/2" x 6-1/2" Custom Shaped Appl Soft Maple	30.13	1.63
06 46 36 00-0271	LF		1-1/2" x 7-1/2" Custom Shaped Appl Soft Maple	33.78	1.63
06 46 36 00-0272	LF		1-1/2" x 8-1/2" Custom Shaped Appl Soft Maple	37.49	1.74
06 46 36 00-0273	LF		1-1/2" x 9-1/2" Custom Shaped Appl Soft Maple	41.10	1.74
06 46 36 00-0274	LF		1-1/2" x 10-1/2" Custom Shaped Appl Soft Maple	44.92	1.86
06 46 36 00-0275	LF		1-1/2" x 11-1/2" Custom Shaped Appl Soft Maple	48.64	1.86
06 46 36 00-0276 Clear Yellow Pine (06 46 36)					
06 46 36 00-0277	LF		3/4" x 1-1/2" Custom Shaped "C" Y Pine	6.24	1.28
06 46 36 00-0278	LF		3/4" x 2-1/2" Custom Shaped "C" Y Pine	7.45	1.28
06 46 36 00-0279	LF		3/4" x 3-1/2" Custom Shaped "C" Y Pine	8.65	1.28
06 46 36 00-0280	LF		3/4" x 4-1/2" Custom Shaped "C" Y Pine	9.85	1.40
06 46 36 00-0281	LF		3/4" x 5-1/2" Custom Shaped "C" Y Pine	11.19	1.40
06 46 36 00-0282	LF		3/4" x 6-1/2" Custom Shaped "C" Y Pine	12.52	1.51
06 46 36 00-0283	LF		3/4" x 7-1/2" Custom Shaped "C" Y Pine	13.71	1.51
06 46 36 00-0284	LF		3/4" x 8-1/2" Custom Shaped "C" Y Pine	14.93	1.51
06 46 36 00-0285	LF		1" x 1-1/2" Custom Shaped "C" Y Pine	7.16	1.28
06 46 36 00-0286	LF		1" x 2-1/2" Custom Shaped "C" Y Pine	8.79	1.28
06 46 36 00-0287	LF		1" x 3-1/2" Custom Shaped "C" Y Pine	10.38	1.40
06 46 36 00-0288	LF		1" x 4-1/2" Custom Shaped "C" Y Pine	12.01	1.40
06 46 36 00-0289	LF		1" x 5-1/2" Custom Shaped "C" Y Pine	13.72	1.51
06 46 36 00-0290	LF		1" x 6-1/2" Custom Shaped "C" Y Pine	15.48	1.51
06 46 36 00-0291	LF		1" x 7-1/2" Custom Shaped "C" Y Pine	17.57	1.51
06 46 36 00-0292	LF		1" x 8-1/2" Custom Shaped "C" Y Pine	19.29	1.63
06 46 36 00-0293	LF		1-1/2" x 1-1/2" Custom Shaped "C" Y Pine	8.31	1.28
06 46 36 00-0294	LF		1-1/2" x 2-1/2" Custom Shaped "C" Y Pine	10.37	1.40
06 46 36 00-0295	LF		1-1/2" x 3-1/2" Custom Shaped "C" Y Pine	12.43	1.40
06 46 36 00-0296	LF		1-1/2" x 4-1/2" Custom Shaped "C" Y Pine	14.49	1.51
06 46 36 00-0297	LF		1-1/2" x 5-1/2" Custom Shaped "C" Y Pine	16.56	1.51
06 46 36 00-0298	LF		1-1/2" x 6-1/2" Custom Shaped "C" Y Pine	18.87	1.63

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 46 36 00-0299	LF	1-1/2" x 7-1/2" Custom Shaped "C" Y Pine.....	20.91	1.63
06 46 36 00-0300	LF	1-1/2" x 8-1/2" Custom Shaped "C" Y Pine.....	23.01	1.74
06 46 36 00-0301	LF	1-1/2" x 9-1/2" Custom Shaped "C" Y Pine.....	26.62	1.74
06 46 36 00-0302	LF	1-1/2" x 10-1/2" Custom Shaped "C" Y Pine.....	27.44	1.86

06 46 36 00-0303 Poplar (06 46 36)

06 46 36 00-0304	LF	3/4" x 1-1/2" Custom Shaped Poplar	6.57	1.28
06 46 36 00-0305	LF	3/4" x 2-1/2" Custom Shaped Poplar	7.93	1.28
06 46 36 00-0306	LF	3/4" x 3-1/2" Custom Shaped Poplar	9.29	1.28
06 46 36 00-0307	LF	3/4" x 4-1/2" Custom Shaped Poplar	10.66	1.40
06 46 36 00-0308	LF	3/4" x 5-1/2" Custom Shaped Poplar	12.15	1.40
06 46 36 00-0309	LF	3/4" x 6-1/2" Custom Shaped Poplar	13.64	1.51
06 46 36 00-0310	LF	3/4" x 7-1/2" Custom Shaped Poplar	15.00	1.51
06 46 36 00-0311	LF	3/4" x 8-1/2" Custom Shaped Poplar	16.38	1.51
06 46 36 00-0312	LF	3/4" x 9-1/2" Custom Shaped Poplar	17.68	1.63
06 46 36 00-0313	LF	3/4" x 10-1/2" Custom Shaped Poplar	19.21	1.74
06 46 36 00-0314	LF	3/4" x 11-1/2" Custom Shaped Poplar	20.74	1.74
06 46 36 00-0315	LF	1" x 1-1/2" Custom Shaped Poplar	7.59	1.28
06 46 36 00-0316	LF	1" x 2-1/2" Custom Shaped Poplar	9.38	1.28
06 46 36 00-0317	LF	1" x 3-1/2" Custom Shaped Poplar	11.18	1.40
06 46 36 00-0318	LF	1" x 4-1/2" Custom Shaped Poplar	12.98	1.40
06 46 36 00-0319	LF	1" x 5-1/2" Custom Shaped Poplar	14.95	1.51
06 46 36 00-0320	LF	1" x 6-1/2" Custom Shaped Poplar	16.87	1.51
06 46 36 00-0321	LF	1" x 7-1/2" Custom Shaped Poplar	18.65	1.51
06 46 36 00-0322	LF	1" x 8-1/2" Custom Shaped Poplar	20.47	1.63
06 46 36 00-0323	LF	1" x 9-1/2" Custom Shaped Poplar	22.25	1.63
06 46 36 00-0324	LF	1" x 10-1/2" Custom Shaped Poplar	24.21	1.74
06 46 36 00-0325	LF	1" x 11-1/2" Custom Shaped Poplar	26.05	1.74
06 46 36 00-0326	LF	1-1/4" x 1-1/2" Custom Shaped Poplar	8.51	1.28
06 46 36 00-0327	LF	1-1/4" x 2-1/2" Custom Shaped Poplar	10.73	1.28
06 46 36 00-0328	LF	1-1/4" x 3-1/2" Custom Shaped Poplar	12.96	1.40
06 46 36 00-0329	LF	1-1/4" x 4-1/2" Custom Shaped Poplar	15.18	1.40
06 46 36 00-0330	LF	1-1/4" x 5-1/2" Custom Shaped Poplar	17.53	1.51
06 46 36 00-0331	LF	1-1/4" x 6-1/2" Custom Shaped Poplar	19.88	1.51
06 46 36 00-0332	LF	1-1/4" x 7-1/2" Custom Shaped Poplar	22.09	1.63
06 46 36 00-0333	LF	1-1/4" x 8-1/2" Custom Shaped Poplar	24.34	1.63
06 46 36 00-0334	LF	1-1/4" x 9-1/2" Custom Shaped Poplar	26.49	1.63
06 46 36 00-0335	LF	1-1/4" x 10-1/2" Custom Shaped Poplar	28.89	1.74
06 46 36 00-0336	LF	1-1/4" x 11-1/2" Custom Shaped Poplar	31.16	1.86
06 46 36 00-0337	LF	1-1/2" x 1-1/2" Custom Shaped Poplar	10.67	1.28
06 46 36 00-0338	LF	1-1/2" x 2-1/2" Custom Shaped Poplar	13.91	1.40
06 46 36 00-0339	LF	1-1/2" x 3-1/2" Custom Shaped Poplar	17.15	1.40
06 46 36 00-0340	LF	1-1/2" x 4-1/2" Custom Shaped Poplar	20.39	1.51
06 46 36 00-0341	LF	1-1/2" x 5-1/2" Custom Shaped Poplar	23.64	1.51
06 46 36 00-0342	LF	1-1/2" x 6-1/2" Custom Shaped Poplar	27.13	1.63
06 46 36 00-0343	LF	1-1/2" x 7-1/2" Custom Shaped Poplar	30.35	1.63
06 46 36 00-0344	LF	1-1/2" x 8-1/2" Custom Shaped Poplar	33.63	1.74
06 46 36 00-0345	LF	1-1/2" x 9-1/2" Custom Shaped Poplar	36.81	1.74
06 46 36 00-0346	LF	1-1/2" x 10-1/2" Custom Shaped Poplar	40.20	1.86
06 46 36 00-0347	LF	1-1/2" x 11-1/2" Custom Shaped Poplar	43.49	1.86
06 46 36 00-0348	LF	2" x 1-1/2" Custom Shaped Poplar	13.92	1.40
06 46 36 00-0349	LF	2" x 2-1/2" Custom Shaped Poplar	18.76	1.40
06 46 36 00-0350	LF	2" x 3-1/2" Custom Shaped Poplar	23.54	1.40
06 46 36 00-0351	LF	2" x 4-1/2" Custom Shaped Poplar	28.49	1.51
06 46 36 00-0352	LF	2" x 5-1/2" Custom Shaped Poplar	33.27	1.51
06 46 36 00-0353	LF	2" x 6-1/2" Custom Shaped Poplar	38.33	1.63
06 46 36 00-0354	LF	2" x 7-1/2" Custom Shaped Poplar	43.12	1.63
06 46 36 00-0355	LF	2" x 8-1/2" Custom Shaped Poplar	48.08	1.74
06 46 36 00-0356	LF	2" x 9-1/2" Custom Shaped Poplar	52.85	1.74
06 46 36 00-0357	LF	2" x 10-1/2" Custom Shaped Poplar	57.69	1.86
06 46 36 00-0358	LF	2" x 11-1/2" Custom Shaped Poplar	62.71	1.98
06 46 36 00-0359	LF	2-1/2" x 1-1/2" Custom Shaped Poplar	17.20	1.40
06 46 36 00-0360	LF	2-1/2" x 2-1/2" Custom Shaped Poplar	23.59	1.40
06 46 36 00-0361	LF	2-1/2" x 3-1/2" Custom Shaped Poplar	29.99	1.51
06 46 36 00-0362	LF	2-1/2" x 4-1/2" Custom Shaped Poplar	36.48	1.51
06 46 36 00-0363	LF	2-1/2" x 5-1/2" Custom Shaped Poplar	42.88	1.51
06 46 36 00-0364	LF	2-1/2" x 6-1/2" Custom Shaped Poplar	49.50	1.63
06 46 36 00-0365	LF	2-1/2" x 7-1/2" Custom Shaped Poplar	55.89	1.74
06 46 36 00-0366	LF	2-1/2" x 8-1/2" Custom Shaped Poplar	62.40	1.74
06 46 36 00-0367	LF	2-1/2" x 9-1/2" Custom Shaped Poplar	68.78	1.86
06 46 36 00-0368	LF	2-1/2" x 10-1/2" Custom Shaped Poplar	75.19	1.86
06 46 36 00-0369	LF	2-1/2" x 11-1/2" Custom Shaped Poplar	81.81	1.98
06 46 36 00-0370	LF	3-1/2" x 3-1/2" Custom Shaped Poplar	41.05	1.51
06 46 36 00-0371	LF	3-1/2" x 4-1/2" Custom Shaped Poplar	50.27	1.51
06 46 36 00-0372	LF	3-1/2" x 5-1/2" Custom Shaped Poplar	59.40	1.63
06 46 36 00-0373	LF	3-1/2" x 6-1/2" Custom Shaped Poplar	68.87	1.74
06 46 36 00-0374	LF	3-1/2" x 7-1/2" Custom Shaped Poplar	77.89	1.74
06 46 36 00-0375	LF	3-1/2" x 8-1/2" Custom Shaped Poplar	87.13	1.86
06 46 36 00-0376	LF	3-1/2" x 9-1/2" Custom Shaped Poplar	96.25	1.86
06 46 36 00-0377	LF	3-1/2" x 10-1/2" Custom Shaped Poplar	105.38	1.86
06 46 36 00-0378	LF	3-1/2" x 11-1/2" Custom Shaped Poplar	114.74	1.98

06 46 36 00-0379 Teak (06 46 36)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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06 46 36 00-0380	LF	3/4"	1-1/2" Custom Shaped Teak.....	22.44	1.28
06 46 36 00-0381	LF	3/4"	2-1/2" Custom Shaped Teak.....	31.74	1.28
06 46 36 00-0382	LF	3/4"	3-1/2" Custom Shaped Teak.....	41.04	1.28
06 46 36 00-0383	LF	3/4"	4-1/2" Custom Shaped Teak.....	50.34	1.40
06 46 36 00-0384	LF	3/4"	5-1/2" Custom Shaped Teak.....	59.77	1.40
06 46 36 00-0385	LF	3/4"	6-1/2" Custom Shaped Teak.....	69.20	1.51
06 46 36 00-0386	LF	3/4"	7-1/2" Custom Shaped Teak.....	78.49	1.51
06 46 36 00-0387	LF	3/4"	8-1/2" Custom Shaped Teak.....	87.81	1.51
06 46 36 00-0388	LF	3/4"	9-1/2" Custom Shaped Teak.....	97.05	1.63
06 46 36 00-0389	LF	3/4"	10-1/2" Custom Shaped Teak.....	106.51	1.74
06 46 36 00-0390	LF	3/4"	11-1/2" Custom Shaped Teak.....	115.87	1.74
06 46 36 00-0391	LF	1-1/2"	1-1/2" Custom Shaped Teak.....	51.85	1.28
06 46 36 00-0392	LF	1-1/2"	2-1/2" Custom Shaped Teak.....	59.60	1.40
06 46 36 00-0393	LF	1-1/2"	3-1/2" Custom Shaped Teak.....	78.07	1.40
06 46 36 00-0394	LF	1-1/2"	4-1/2" Custom Shaped Teak.....	96.54	1.51
06 46 36 00-0395	LF	1-1/2"	5-1/2" Custom Shaped Teak.....	115.02	1.51
06 46 36 00-0396	LF	1-1/2"	6-1/2" Custom Shaped Teak.....	133.20	1.63
06 46 36 00-0397	LF	1-1/2"	7-1/2" Custom Shaped Teak.....	152.19	1.63
06 46 36 00-0398	LF	1-1/2"	8-1/2" Custom Shaped Teak.....	170.70	1.74
06 46 36 00-0399	LF	1-1/2"	9-1/2" Custom Shaped Teak.....	189.11	1.74
06 46 36 00-0400	LF	1-1/2"	10-1/2" Custom Shaped Teak.....	207.73	1.86
06 46 36 00-0401	LF	1-1/2"	11-1/2" Custom Shaped Teak.....	226.25	1.86

06 46 36 00-0402 Ash (06 46 36)

06 46 36 00-0403	LF	3/4"	1-1/2" Custom Shaped Ash.....	8.60	1.28
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.94	
06 46 36 00-0404	LF	3/4"	2-1/2" Custom Shaped Ash.....	10.99	1.28
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.97	
06 46 36 00-0405	LF	3/4"	3-1/2" Custom Shaped Ash.....	13.37	1.28
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.00	
06 46 36 00-0406	LF	3/4"	4-1/2" Custom Shaped Ash.....	15.75	1.40
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.03	
06 46 36 00-0407	LF	3/4"	5-1/2" Custom Shaped Ash.....	18.26	1.40
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.09	
06 46 36 00-0408	LF	3/4"	6-1/2" Custom Shaped Ash.....	20.78	1.51
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.15	
06 46 36 00-0409	LF	3/4"	7-1/2" Custom Shaped Ash.....	23.15	1.51
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.18	
06 46 36 00-0410	LF	3/4"	8-1/2" Custom Shaped Ash.....	25.55	1.51
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.21	
06 46 36 00-0411	LF	3/4"	9-1/2" Custom Shaped Ash.....	27.87	1.63
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.23	
06 46 36 00-0412	LF	3/4"	10-1/2" Custom Shaped Ash.....	30.41	1.63
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.30	
06 46 36 00-0413	LF	3/4"	11-1/2" Custom Shaped Ash.....	32.86	1.74
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.34	
06 46 36 00-0414	LF	1"	1-1/2" Custom Shaped Ash.....	10.27	1.28
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.97	
06 46 36 00-0415	LF	1"	2-1/2" Custom Shaped Ash.....	13.40	1.28
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.00	
06 46 36 00-0416	LF	1"	3-1/2" Custom Shaped Ash.....	16.55	1.40
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.03	
06 46 36 00-0417	LF	1"	4-1/2" Custom Shaped Ash.....	19.68	1.40
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.06	
06 46 36 00-0418	LF	1"	5-1/2" Custom Shaped Ash.....	23.00	1.51
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.12	
06 46 36 00-0419	LF	1"	6-1/2" Custom Shaped Ash.....	26.26	1.51
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.18	
06 46 36 00-0420	LF	1"	7-1/2" Custom Shaped Ash.....	29.37	1.51
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.21	
06 46 36 00-0421	LF	1"	8-1/2" Custom Shaped Ash.....	32.53	1.63
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.24	
06 46 36 00-0422	LF	1"	9-1/2" Custom Shaped Ash.....	35.66	1.63
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.26	
06 46 36 00-0423	LF	1"	10-1/2" Custom Shaped Ash.....	38.95	1.74
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.32	
06 46 36 00-0424	LF	1"	11-1/2" Custom Shaped Ash.....	42.14	1.74
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.37	
06 46 36 00-0425	LF	1-1/4"	1-1/2" Custom Shaped Ash.....	12.37	1.28
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.00	
06 46 36 00-0426	LF	1-1/4"	2-1/2" Custom Shaped Ash.....	16.53	1.28
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.03	
06 46 36 00-0427	LF	1-1/4"	3-1/2" Custom Shaped Ash.....	20.68	1.40
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.06	
06 46 36 00-0428	LF	1-1/4"	4-1/2" Custom Shaped Ash.....	24.83	1.40
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.09	
06 46 36 00-0429	LF	1-1/4"	5-1/2" Custom Shaped Ash.....	29.11	1.51
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.15	
06 46 36 00-0430	LF	1-1/4"	6-1/2" Custom Shaped Ash.....	33.39	1.51
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.21	
06 46 36 00-0431	LF	1-1/4"	7-1/2" Custom Shaped Ash.....	37.54	1.63
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.23	
06 46 36 00-0432	LF	1-1/4"	8-1/2" Custom Shaped Ash.....	41.72	1.63
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.27	
06 46 36 00-0433	LF	1-1/4"	9-1/2" Custom Shaped Ash.....	45.80	1.63
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.28	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 46 36 00-0434	LF	1-1/4" x 10-1/2" Custom Shaped Ash	50.12	1.74
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.35	
06 46 36 00-0435	LF	1-1/4" x 11-1/2" Custom Shaped Ash	54.32	1.86
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.39	
06 46 36 00-0436	LF	1-1/2" x 1-1/2" Custom Shaped Ash	15.39	1.28
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.02	
06 46 36 00-0437	LF	1-1/2" x 2-1/2" Custom Shaped Ash	20.99	1.40
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.05	
06 46 36 00-0438	LF	1-1/2" x 3-1/2" Custom Shaped Ash	26.59	1.40
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.08	
06 46 36 00-0439	LF	1-1/2" x 4-1/2" Custom Shaped Ash	32.19	1.51
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.11	
06 46 36 00-0440	LF	1-1/2" x 5-1/2" Custom Shaped Ash	37.80	1.51
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.15	
06 46 36 00-0441	LF	1-1/2" x 6-1/2" Custom Shaped Ash	43.65	1.63
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.23	
06 46 36 00-0442	LF	1-1/2" x 7-1/2" Custom Shaped Ash	49.34	1.63
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.26	
06 46 36 00-0443	LF	1-1/2" x 8-1/2" Custom Shaped Ash	54.87	1.63
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.30	
06 46 36 00-0444	LF	1-1/2" x 9-1/2" Custom Shaped Ash	60.41	1.74
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.31	
06 46 36 00-0445	LF	1-1/2" x 10-1/2" Custom Shaped Ash	66.69	1.74
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.38	
06 46 36 00-0446	LF	1-1/2" x 11-1/2" Custom Shaped Ash	71.81	1.86
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.42	

06 46 36 00-0447 Birch (06 46 36)

06 46 36 00-0448	LF	3/4" x 1-1/2" Custom Shaped Birch	7.64	1.28
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.94	
06 46 36 00-0449	LF	3/4" x 2-1/2" Custom Shaped Birch	9.54	1.28
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.97	
06 46 36 00-0450	LF	3/4" x 3-1/2" Custom Shaped Birch	11.44	1.28
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.00	
06 46 36 00-0451	LF	3/4" x 4-1/2" Custom Shaped Birch	13.34	1.40
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.03	
06 46 36 00-0452	LF	3/4" x 5-1/2" Custom Shaped Birch	15.37	1.40
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.09	
06 46 36 00-0453	LF	3/4" x 6-1/2" Custom Shaped Birch	17.40	1.51
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.15	
06 46 36 00-0454	LF	3/4" x 7-1/2" Custom Shaped Birch	19.29	1.51
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.18	
06 46 36 00-0455	LF	3/4" x 8-1/2" Custom Shaped Birch	21.21	1.51
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.21	
06 46 36 00-0456	LF	3/4" x 9-1/2" Custom Shaped Birch	23.05	1.63
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.23	
06 46 36 00-0457	LF	3/4" x 10-1/2" Custom Shaped Birch	25.11	1.63
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.30	
06 46 36 00-0458	LF	3/4" x 11-1/2" Custom Shaped Birch	27.07	1.74
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.34	
06 46 36 00-0459	LF	1" x 1-1/2" Custom Shaped Birch	8.93	1.28
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.97	
06 46 36 00-0460	LF	1" x 2-1/2" Custom Shaped Birch	11.36	1.28
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.00	
06 46 36 00-0461	LF	1" x 3-1/2" Custom Shaped Birch	13.86	1.40
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.03	
06 46 36 00-0462	LF	1" x 4-1/2" Custom Shaped Birch	16.35	1.40
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.06	
06 46 36 00-0463	LF	1" x 5-1/2" Custom Shaped Birch	18.97	1.51
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.12	
06 46 36 00-0464	LF	1" x 6-1/2" Custom Shaped Birch	21.54	1.51
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.18	
06 46 36 00-0465	LF	1" x 7-1/2" Custom Shaped Birch	24.01	1.51
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.21	
06 46 36 00-0466	LF	1" x 8-1/2" Custom Shaped Birch	26.53	1.63
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.24	
06 46 36 00-0467	LF	1" x 9-1/2" Custom Shaped Birch	28.96	1.63
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.26	
06 46 36 00-0468	LF	1" x 10-1/2" Custom Shaped Birch	31.55	1.74
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.32	
06 46 36 00-0469	LF	1" x 11-1/2" Custom Shaped Birch	34.09	1.74
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.37	
06 46 36 00-0470	LF	1-1/4" x 1-1/2" Custom Shaped Birch	10.44	1.28
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.00	
06 46 36 00-0471	LF	1-1/4" x 2-1/2" Custom Shaped Birch	13.63	1.28
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.03	
06 46 36 00-0472	LF	1-1/4" x 3-1/2" Custom Shaped Birch	16.82	1.40
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.06	
06 46 36 00-0473	LF	1-1/4" x 4-1/2" Custom Shaped Birch	20.00	1.40
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.09	
06 46 36 00-0474	LF	1-1/4" x 5-1/2" Custom Shaped Birch	23.32	1.51
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.15	
06 46 36 00-0475	LF	1-1/4" x 6-1/2" Custom Shaped Birch	26.64	1.51
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.21	
06 46 36 00-0476	LF	1-1/4" x 7-1/2" Custom Shaped Birch	29.81	1.63
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.23	
06 46 36 00-0477	LF	1-1/4" x 8-1/2" Custom Shaped Birch	33.03	1.63
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.27	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0478	LF		1-1/4" x 9-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	36.15 1.28	1.63
06 46 36 00-0479	LF		1-1/4" x 10-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	39.50 1.35	1.74
06 46 36 00-0480	LF		1-1/4" x 11-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	42.74 1.39	1.86
06 46 36 00-0481	LF		1-1/2" x 1-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.82 1.02	1.28
06 46 36 00-0482	LF		1-1/2" x 2-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.13 1.05	1.40
06 46 36 00-0483	LF		1-1/2" x 3-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	21.44 1.08	1.40
06 46 36 00-0484	LF		1-1/2" x 4-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	25.75 1.11	1.51
06 46 36 00-0485	LF		1-1/2" x 5-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	30.08 1.15	1.51
06 46 36 00-0486	LF		1-1/2" x 6-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	34.64 1.23	1.63
06 46 36 00-0487	LF		1-1/2" x 7-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	38.93 1.26	1.63
06 46 36 00-0488	LF		1-1/2" x 8-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	43.28 1.30	1.63
06 46 36 00-0489	LF		1-1/2" x 9-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	47.54 1.31	1.74
06 46 36 00-0490	LF		1-1/2" x 10-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	52.54 1.38	1.74
06 46 36 00-0491	LF		1-1/2" x 11-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	56.36 1.42	1.86
06 46 36 00-0492 Fir <small>(06 46 36)</small>					
06 46 36 00-0493	LF		3/4" x 1-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.96 0.94	1.28
06 46 36 00-0494	LF		3/4" x 2-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.02 0.97	1.28
06 46 36 00-0495	LF		3/4" x 3-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.08 1.00	1.28
06 46 36 00-0496	LF		3/4" x 4-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.14 1.03	1.40
06 46 36 00-0497	LF		3/4" x 5-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	16.33 1.09	1.40
06 46 36 00-0498	LF		3/4" x 6-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	18.52 1.15	1.51
06 46 36 00-0499	LF		3/4" x 7-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.57 1.18	1.51
06 46 36 00-0500	LF		3/4" x 8-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	22.65 1.21	1.51
06 46 36 00-0501	LF		3/4" x 9-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.65 1.23	1.63
06 46 36 00-0502	LF		3/4" x 10-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	26.88 1.30	1.74
06 46 36 00-0503	LF		1" x 1-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.47 0.97	1.28
06 46 36 00-0504	LF		1" x 2-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.17 1.00	1.28
06 46 36 00-0505	LF		1" x 3-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.94 1.03	1.40
06 46 36 00-0506	LF		1" x 4-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.69 1.06	1.40
06 46 36 00-0507	LF		1" x 5-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.58 1.12	1.51
06 46 36 00-0508	LF		1" x 6-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.42 1.18	1.51
06 46 36 00-0509	LF		1" x 7-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	26.15 1.21	1.51
06 46 36 00-0510	LF		1" x 8-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	28.94 1.24	1.63
06 46 36 00-0511	LF		1" x 9-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	31.64 1.26	1.63
06 46 36 00-0512	LF		1" x 10-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	34.61 1.32	1.74
06 46 36 00-0513	LF		1" x 11-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	37.31 1.37	1.74
06 46 36 00-0514	LF		1-1/4" x 1-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.60 1.00	1.28
06 46 36 00-0515	LF		1-1/4" x 2-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.90 1.03	1.28
06 46 36 00-0516	LF		1-1/4" x 3-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.14 1.06	1.40
06 46 36 00-0517	LF		1-1/4" x 4-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.43 1.09	1.40
06 46 36 00-0518	LF		1-1/4" x 5-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.80 1.15	1.51
06 46 36 00-0519	LF		1-1/4" x 6-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	27.23 1.21	1.51
06 46 36 00-0520	LF		1-1/4" x 7-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	30.46 1.23	1.63
06 46 36 00-0521	LF		1-1/4" x 8-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	33.78 1.27	1.63

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 46 36 00-0522	LF	1-1/4" x 9-1/2" Custom Shaped Fir	36.95	1.63
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.28	
06 46 36 00-0523	LF	1-1/4" x 10-1/2" Custom Shaped Fir	40.41	1.74
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.35	
06 46 36 00-0524	LF	1-1/4" x 11-1/2" Custom Shaped Fir	43.70	1.86
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.39	
06 46 36 00-0525	LF	1-1/2" x 1-1/2" Custom Shaped Fir	12.17	1.28
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.02	
06 46 36 00-0526	LF	1-1/2" x 2-1/2" Custom Shaped Fir	16.16	1.40
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.05	
06 46 36 00-0527	LF	1-1/2" x 3-1/2" Custom Shaped Fir	20.15	1.40
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.08	
06 46 36 00-0528	LF	1-1/2" x 4-1/2" Custom Shaped Fir	24.14	1.51
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.11	
06 46 36 00-0529	LF	1-1/2" x 5-1/2" Custom Shaped Fir	28.15	1.51
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.15	
06 46 36 00-0530	LF	1-1/2" x 6-1/2" Custom Shaped Fir	32.39	1.63
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.23	
06 46 36 00-0531	LF	1-1/2" x 7-1/2" Custom Shaped Fir	36.36	1.63
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.26	
06 46 36 00-0532	LF	1-1/2" x 8-1/2" Custom Shaped Fir	40.39	1.74
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.30	
06 46 36 00-0533	LF	1-1/2" x 9-1/2" Custom Shaped Fir	44.32	1.74
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.31	
06 46 36 00-0534	LF	1-1/2" x 10-1/2" Custom Shaped Fir	48.46	1.86
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.38	
06 46 36 00-0535	LF	1-1/2" x 11-1/2" Custom Shaped Fir	52.50	1.86
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.42	
06 46 36 00-0536	LF	2-1/2" x 1-1/2" Custom Shaped Fir	20.09	1.40
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.07	
06 46 36 00-0537	LF	2-1/2" x 2-1/2" Custom Shaped Fir	27.94	1.40
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.10	
06 46 36 00-0538	LF	2-1/2" x 3-1/2" Custom Shaped Fir	35.78	1.51
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.12	
06 46 36 00-0539	LF	2-1/2" x 4-1/2" Custom Shaped Fir	43.72	1.51
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.18	
06 46 36 00-0540	LF	2-1/2" x 5-1/2" Custom Shaped Fir	51.57	1.51
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.21	
06 46 36 00-0541	LF	2-1/2" x 6-1/2" Custom Shaped Fir	59.63	1.63
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.28	
06 46 36 00-0542	LF	2-1/2" x 7-1/2" Custom Shaped Fir	67.48	1.74
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.31	
06 46 36 00-0543	LF	2-1/2" x 8-1/2" Custom Shaped Fir	75.54	1.74
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.36	
06 46 36 00-0544	LF	2-1/2" x 9-1/2" Custom Shaped Fir	83.26	1.86
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.39	
06 46 36 00-0545	LF	2-1/2" x 10-1/2" Custom Shaped Fir	91.11	1.86
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.42	
06 46 36 00-0546	LF	3-1/2" x 3-1/2" Custom Shaped Fir	44.59	1.51
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.15	
06 46 36 00-0547	LF	3-1/2" x 4-1/2" Custom Shaped Fir	54.57	1.51
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.20	
06 46 36 00-0548	LF	3-1/2" x 5-1/2" Custom Shaped Fir	64.55	1.63
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.23	
06 46 36 00-0549	LF	3-1/2" x 6-1/2" Custom Shaped Fir	74.77	1.74
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.31	
06 46 36 00-0550	LF	3-1/2" x 7-1/2" Custom Shaped Fir	84.76	1.74
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.34	
06 46 36 00-0551	LF	3-1/2" x 8-1/2" Custom Shaped Fir	94.85	1.86
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.39	
06 46 36 00-0552	LF	3-1/2" x 9-1/2" Custom Shaped Fir	104.83	1.86
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.42	
06 46 36 00-0553	LF	3-1/2" x 10-1/2" Custom Shaped Fir	114.82	1.86
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.44	

06 46 36 00-0554 Maple (06 46 36)

06 46 36 00-0555	LF	3/4" x 1-1/2" Custom Shaped Maple	7.53	1.28
06 46 36 00-0556	LF	3/4" x 2-1/2" Custom Shaped Maple	9.38	1.28
06 46 36 00-0557	LF	3/4" x 3-1/2" Custom Shaped Maple	11.22	1.28
06 46 36 00-0558	LF	3/4" x 4-1/2" Custom Shaped Maple	13.07	1.40
06 46 36 00-0559	LF	3/4" x 5-1/2" Custom Shaped Maple	15.05	1.40
06 46 36 00-0560	LF	3/4" x 6-1/2" Custom Shaped Maple	17.02	1.51
06 46 36 00-0561	LF	3/4" x 7-1/2" Custom Shaped Maple	18.86	1.51
06 46 36 00-0562	LF	3/4" x 8-1/2" Custom Shaped Maple	20.72	1.51
06 46 36 00-0563	LF	3/4" x 9-1/2" Custom Shaped Maple	22.51	1.63
06 46 36 00-0564	LF	3/4" x 10-1/2" Custom Shaped Maple	24.52	1.74
06 46 36 00-0565	LF	3/4" x 11-1/2" Custom Shaped Maple	26.42	1.74
06 46 36 00-0566	LF	1" x 1-1/2" Custom Shaped Maple	8.93	1.28
06 46 36 00-0567	LF	1" x 2-1/2" Custom Shaped Maple	11.36	1.28
06 46 36 00-0568	LF	1" x 3-1/2" Custom Shaped Maple	13.86	1.40
06 46 36 00-0569	LF	1" x 4-1/2" Custom Shaped Maple	16.35	1.40
06 46 36 00-0570	LF	1" x 5-1/2" Custom Shaped Maple	18.97	1.51
06 46 36 00-0571	LF	1" x 6-1/2" Custom Shaped Maple	21.54	1.51
06 46 36 00-0572	LF	1" x 7-1/2" Custom Shaped Maple	24.01	1.51
06 46 36 00-0573	LF	1" x 8-1/2" Custom Shaped Maple	26.53	1.63
06 46 36 00-0574	LF	1" x 9-1/2" Custom Shaped Maple	28.96	1.63
06 46 36 00-0575	LF	1" x 10-1/2" Custom Shaped Maple	30.48	1.74

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0576	LF		1" x 11-1/2" Custom Shaped Maple.....	34.09	1.74
06 46 36 00-0577	LF		1-1/4" x 1-1/2" Custom Shaped Maple.....	10.12	1.28
06 46 36 00-0578	LF		1-1/4" x 2-1/2" Custom Shaped Maple.....	13.15	1.28
06 46 36 00-0579	LF		1-1/4" x 3-1/2" Custom Shaped Maple.....	16.17	1.40
06 46 36 00-0580	LF		1-1/4" x 4-1/2" Custom Shaped Maple.....	19.20	1.40
06 46 36 00-0581	LF		1-1/4" x 5-1/2" Custom Shaped Maple.....	22.35	1.51
06 46 36 00-0582	LF		1-1/4" x 6-1/2" Custom Shaped Maple.....	25.51	1.51
06 46 36 00-0583	LF		1-1/4" x 7-1/2" Custom Shaped Maple.....	28.53	1.63
06 46 36 00-0584	LF		1-1/4" x 8-1/2" Custom Shaped Maple.....	31.58	1.63
06 46 36 00-0585	LF		1-1/4" x 9-1/2" Custom Shaped Maple.....	34.54	1.63
06 46 36 00-0586	LF		1-1/4" x 10-1/2" Custom Shaped Maple.....	37.73	1.74
06 46 36 00-0587	LF		1-1/4" x 11-1/2" Custom Shaped Maple.....	40.81	1.86
06 46 36 00-0588	LF		1-1/2" x 1-1/2" Custom Shaped Maple.....	12.60	1.28
06 46 36 00-0589	LF		1-1/2" x 2-1/2" Custom Shaped Maple.....	16.81	1.40
06 46 36 00-0590	LF		1-1/2" x 3-1/2" Custom Shaped Maple.....	21.01	1.40
06 46 36 00-0591	LF		1-1/2" x 4-1/2" Custom Shaped Maple.....	25.22	1.51
06 46 36 00-0592	LF		1-1/2" x 5-1/2" Custom Shaped Maple.....	29.43	1.51
06 46 36 00-0593	LF		1-1/2" x 6-1/2" Custom Shaped Maple.....	33.89	1.63
06 46 36 00-0594	LF		1-1/2" x 7-1/2" Custom Shaped Maple.....	38.07	1.63
06 46 36 00-0595	LF		1-1/2" x 8-1/2" Custom Shaped Maple.....	42.86	1.74
06 46 36 00-0596	LF		1-1/2" x 9-1/2" Custom Shaped Maple.....	46.47	1.74
06 46 36 00-0597	LF		1-1/2" x 10-1/2" Custom Shaped Maple.....	50.93	1.86
06 46 36 00-0598	LF		1-1/2" x 11-1/2" Custom Shaped Maple.....	55.08	1.86
06 46 36 00-0599	LF		2" x 1-1/2" Custom Shaped Maple.....	16.61	1.40
06 46 36 00-0600	LF		2" x 2-1/2" Custom Shaped Maple.....	22.79	1.40
06 46 36 00-0601	LF		2" x 3-1/2" Custom Shaped Maple.....	28.90	1.40
06 46 36 00-0602	LF		2" x 4-1/2" Custom Shaped Maple.....	35.19	1.51
06 46 36 00-0603	LF		2" x 5-1/2" Custom Shaped Maple.....	41.32	1.51
06 46 36 00-0604	LF		2" x 6-1/2" Custom Shaped Maple.....	47.72	1.63
06 46 36 00-0605	LF		2" x 7-1/2" Custom Shaped Maple.....	53.84	1.63
06 46 36 00-0606	LF		2" x 8-1/2" Custom Shaped Maple.....	60.14	1.74
06 46 36 00-0607	LF		2" x 9-1/2" Custom Shaped Maple.....	66.26	1.74
06 46 36 00-0608	LF		2" x 10-1/2" Custom Shaped Maple.....	72.44	1.86
06 46 36 00-0609	LF		2" x 11-1/2" Custom Shaped Maple.....	79.33	1.98
06 46 36 00-0610	LF		3-1/2" x 3-1/2" Custom Shaped Maple.....	63.35	1.51
06 46 36 00-0611	LF		3-1/2" x 4-1/2" Custom Shaped Maple.....	78.16	1.51
06 46 36 00-0612	LF		3-1/2" x 5-1/2" Custom Shaped Maple.....	92.87	1.63
06 46 36 00-0613	LF		3-1/2" x 6-1/2" Custom Shaped Maple.....	107.80	1.74
06 46 36 00-0614	LF		3-1/2" x 7-1/2" Custom Shaped Maple.....	122.51	1.74
06 46 36 00-0615	LF		3-1/2" x 8-1/2" Custom Shaped Maple.....	137.32	1.86
06 46 36 00-0616	LF		3-1/2" x 9-1/2" Custom Shaped Maple.....	152.02	1.86
06 46 36 00-0617	LF		3-1/2" x 10-1/2" Custom Shaped Maple.....	166.73	1.86
06 46 36 00-0618	LF		3-1/2" x 11-1/2" Custom Shaped Maple.....	181.66	1.98
06 46 36 00-0619 Red Oak (06 46 36)					
06 46 36 00-0620	LF		3/4" x 1-1/2" Custom Shaped Red Oak.....	8.18	1.28
06 46 36 00-0621	LF		3/4" x 2-1/2" Custom Shaped Red Oak.....	10.34	1.28
06 46 36 00-0622	LF		3/4" x 3-1/2" Custom Shaped Red Oak.....	12.51	1.28
06 46 36 00-0623	LF		3/4" x 4-1/2" Custom Shaped Red Oak.....	14.68	1.40
06 46 36 00-0624	LF		3/4" x 5-1/2" Custom Shaped Red Oak.....	16.98	1.40
06 46 36 00-0625	LF		3/4" x 6-1/2" Custom Shaped Red Oak.....	19.27	1.51
06 46 36 00-0626	LF		3/4" x 7-1/2" Custom Shaped Red Oak.....	21.43	1.51
06 46 36 00-0627	LF		3/4" x 8-1/2" Custom Shaped Red Oak.....	23.62	1.51
06 46 36 00-0628	LF		3/4" x 9-1/2" Custom Shaped Red Oak.....	25.73	1.63
06 46 36 00-0629	LF		3/4" x 10-1/2" Custom Shaped Red Oak.....	28.06	1.74
06 46 36 00-0630	LF		3/4" x 11-1/2" Custom Shaped Red Oak.....	30.28	1.74
06 46 36 00-0631	LF		1" x 1-1/2" Custom Shaped Red Oak.....	9.84	1.28
06 46 36 00-0632	LF		1" x 2-1/2" Custom Shaped Red Oak.....	12.81	1.28
06 46 36 00-0633	LF		1" x 3-1/2" Custom Shaped Red Oak.....	15.74	1.40
06 46 36 00-0634	LF		1" x 4-1/2" Custom Shaped Red Oak.....	19.79	1.40
06 46 36 00-0635	LF		1" x 5-1/2" Custom Shaped Red Oak.....	21.76	1.51
06 46 36 00-0636	LF		1" x 6-1/2" Custom Shaped Red Oak.....	24.86	1.51
06 46 36 00-0637	LF		1" x 7-1/2" Custom Shaped Red Oak.....	27.76	1.51
06 46 36 00-0638	LF		1" x 8-1/2" Custom Shaped Red Oak.....	30.71	1.63
06 46 36 00-0639	LF		1" x 9-1/2" Custom Shaped Red Oak.....	33.62	1.63
06 46 36 00-0640	LF		1" x 10-1/2" Custom Shaped Red Oak.....	36.76	1.74
06 46 36 00-0641	LF		1" x 11-1/2" Custom Shaped Red Oak.....	39.72	1.74
06 46 36 00-0642	LF		1-1/4" x 1-1/2" Custom Shaped Red Oak.....	12.21	1.28
06 46 36 00-0643	LF		1-1/4" x 2-1/2" Custom Shaped Red Oak.....	16.31	1.28
06 46 36 00-0644	LF		1-1/4" x 3-1/2" Custom Shaped Red Oak.....	20.36	1.40
06 46 36 00-0645	LF		1-1/4" x 4-1/2" Custom Shaped Red Oak.....	24.45	1.40
06 46 36 00-0646	LF		1-1/4" x 5-1/2" Custom Shaped Red Oak.....	28.63	1.51
06 46 36 00-0647	LF		1-1/4" x 6-1/2" Custom Shaped Red Oak.....	32.86	1.51
06 46 36 00-0648	LF		1-1/4" x 7-1/2" Custom Shaped Red Oak.....	36.89	1.63
06 46 36 00-0649	LF		1-1/4" x 8-1/2" Custom Shaped Red Oak.....	41.02	1.63
06 46 36 00-0650	LF		1-1/4" x 9-1/2" Custom Shaped Red Oak.....	44.99	1.63
06 46 36 00-0651	LF		1-1/4" x 10-1/2" Custom Shaped Red Oak.....	49.26	1.74
06 46 36 00-0652	LF		1-1/4" x 11-1/2" Custom Shaped Red Oak.....	53.36	1.86
06 46 36 00-0653	LF		1-1/2" x 1-1/2" Custom Shaped Red Oak.....	17.11	1.28
06 46 36 00-0654	LF		1-1/2" x 2-1/2" Custom Shaped Red Oak.....	23.56	1.40
06 46 36 00-0655	LF		1-1/2" x 3-1/2" Custom Shaped Red Oak.....	30.02	1.40
06 46 36 00-0656	LF		1-1/2" x 4-1/2" Custom Shaped Red Oak.....	36.48	1.40
06 46 36 00-0657	LF		1-1/2" x 5-1/2" Custom Shaped Red Oak.....	42.95	1.51
06 46 36 00-0658	LF		1-1/2" x 6-1/2" Custom Shaped Red Oak.....	49.76	1.63

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 46 36 00-0659	LF	1-1/2" x 7-1/2" Custom Shaped Red Oak	56.09	1.63
06 46 36 00-0660	LF	1-1/2" x 8-1/2" Custom Shaped Red Oak	63.66	1.74
06 46 36 00-0661	LF	1-1/2" x 9-1/2" Custom Shaped Red Oak	68.99	1.74
06 46 36 00-0662	LF	1-1/2" x 10-1/2" Custom Shaped Red Oak	75.60	1.74
06 46 36 00-0663	LF	1-1/2" x 11-1/2" Custom Shaped Red Oak	82.10	1.86
06 46 36 00-0664	LF	2" x 1-1/2" Custom Shaped Red Oak	26.26	1.40
06 46 36 00-0665	LF	2" x 2-1/2" Custom Shaped Red Oak	37.26	1.40
06 46 36 00-0666	LF	2" x 3-1/2" Custom Shaped Red Oak	48.21	1.40
06 46 36 00-0667	LF	2" x 4-1/2" Custom Shaped Red Oak	59.32	1.51
06 46 36 00-0668	LF	2" x 5-1/2" Custom Shaped Red Oak	70.27	1.51
06 46 36 00-0669	LF	2" x 6-1/2" Custom Shaped Red Oak	81.50	1.63
06 46 36 00-0670	LF	2" x 7-1/2" Custom Shaped Red Oak	92.45	1.63
06 46 36 00-0671	LF	2" x 8-1/2" Custom Shaped Red Oak	103.58	1.74
06 46 36 00-0672	LF	2" x 9-1/2" Custom Shaped Red Oak	114.52	1.74
06 46 36 00-0673	LF	2" x 10-1/2" Custom Shaped Red Oak	125.53	1.86
06 46 36 00-0674	LF	2" x 11-1/2" Custom Shaped Red Oak	136.71	1.98

06 46 36 00-0675 White Oak (06 46 36)

06 46 36 00-0676	LF	3/4" x 1-1/2" Custom Shaped White Oak	8.28	1.28
06 46 36 00-0677	LF	3/4" x 2-1/2" Custom Shaped White Oak	10.50	1.28
06 46 36 00-0678	LF	3/4" x 3-1/2" Custom Shaped White Oak	12.73	1.28
06 46 36 00-0679	LF	3/4" x 4-1/2" Custom Shaped White Oak	14.95	1.40
06 46 36 00-0680	LF	3/4" x 5-1/2" Custom Shaped White Oak	17.30	1.40
06 46 36 00-0681	LF	3/4" x 6-1/2" Custom Shaped White Oak	19.65	1.51
06 46 36 00-0682	LF	3/4" x 7-1/2" Custom Shaped White Oak	21.86	1.51
06 46 36 00-0683	LF	3/4" x 8-1/2" Custom Shaped White Oak	24.10	1.51
06 46 36 00-0684	LF	3/4" x 9-1/2" Custom Shaped White Oak	26.26	1.63
06 46 36 00-0685	LF	3/4" x 10-1/2" Custom Shaped White Oak	28.65	1.74
06 46 36 00-0686	LF	3/4" x 11-1/2" Custom Shaped White Oak	30.93	1.74
06 46 36 00-0687	LF	1" x 1-1/2" Custom Shaped White Oak	9.84	1.28
06 46 36 00-0688	LF	1" x 2-1/2" Custom Shaped White Oak	12.81	1.28
06 46 36 00-0689	LF	1" x 3-1/2" Custom Shaped White Oak	15.74	1.40
06 46 36 00-0690	LF	1" x 4-1/2" Custom Shaped White Oak	19.79	1.40
06 46 36 00-0691	LF	1" x 5-1/2" Custom Shaped White Oak	21.76	1.51
06 46 36 00-0692	LF	1" x 6-1/2" Custom Shaped White Oak	24.86	1.51
06 46 36 00-0693	LF	1" x 7-1/2" Custom Shaped White Oak	27.76	1.51
06 46 36 00-0694	LF	1" x 8-1/2" Custom Shaped White Oak	30.71	1.63
06 46 36 00-0695	LF	1" x 9-1/2" Custom Shaped White Oak	33.62	1.63
06 46 36 00-0696	LF	1" x 10-1/2" Custom Shaped White Oak	36.76	1.74
06 46 36 00-0697	LF	1" x 11-1/2" Custom Shaped White Oak	39.72	1.74
06 46 36 00-0698	LF	1-1/4" x 1-1/2" Custom Shaped White Oak	12.37	1.28
06 46 36 00-0699	LF	1-1/4" x 2-1/2" Custom Shaped White Oak	16.53	1.28
06 46 36 00-0700	LF	1-1/4" x 3-1/2" Custom Shaped White Oak	20.68	1.40
06 46 36 00-0701	LF	1-1/4" x 4-1/2" Custom Shaped White Oak	24.83	1.40
06 46 36 00-0702	LF	1-1/4" x 5-1/2" Custom Shaped White Oak	29.11	1.51
06 46 36 00-0703	LF	1-1/4" x 6-1/2" Custom Shaped White Oak	33.39	1.51
06 46 36 00-0704	LF	1-1/4" x 7-1/2" Custom Shaped White Oak	37.54	1.63
06 46 36 00-0705	LF	1-1/4" x 8-1/2" Custom Shaped White Oak	41.72	1.63
06 46 36 00-0706	LF	1-1/4" x 9-1/2" Custom Shaped White Oak	45.80	1.63
06 46 36 00-0707	LF	1-1/4" x 10-1/2" Custom Shaped White Oak	50.12	1.74
06 46 36 00-0708	LF	1-1/4" x 11-1/2" Custom Shaped White Oak	54.32	1.86
06 46 36 00-0709	LF	1-1/2" x 1-1/2" Custom Shaped White Oak	20.32	1.28
06 46 36 00-0710	LF	1-1/2" x 2-1/2" Custom Shaped White Oak	28.39	1.40
06 46 36 00-0711	LF	1-1/2" x 3-1/2" Custom Shaped White Oak	36.46	1.40
06 46 36 00-0712	LF	1-1/2" x 4-1/2" Custom Shaped White Oak	44.52	1.51
06 46 36 00-0713	LF	1-1/2" x 5-1/2" Custom Shaped White Oak	52.60	1.51
06 46 36 00-0714	LF	1-1/2" x 6-1/2" Custom Shaped White Oak	60.92	1.63
06 46 36 00-0715	LF	1-1/2" x 7-1/2" Custom Shaped White Oak	68.96	1.63
06 46 36 00-0716	LF	1-1/2" x 8-1/2" Custom Shaped White Oak	77.07	1.74
06 46 36 00-0717	LF	1-1/2" x 9-1/2" Custom Shaped White Oak	84.00	1.74
06 46 36 00-0718	LF	1-1/2" x 10-1/2" Custom Shaped White Oak	93.29	1.86
06 46 36 00-0719	LF	1-1/2" x 11-1/2" Custom Shaped White Oak	101.41	1.86

06 46 36 00-0720 White Pine (06 46 36)

06 46 36 00-0721	LF	3/4" x 1-1/2" Custom Shaped White Pine	9.25	1.28
06 46 36 00-0722	LF	3/4" x 2-1/2" Custom Shaped White Pine	11.95	1.28
06 46 36 00-0723	LF	3/4" x 3-1/2" Custom Shaped White Pine	14.66	1.28
06 46 36 00-0724	LF	3/4" x 4-1/2" Custom Shaped White Pine	17.36	1.40
06 46 36 00-0725	LF	3/4" x 5-1/2" Custom Shaped White Pine	20.19	1.40
06 46 36 00-0726	LF	3/4" x 6-1/2" Custom Shaped White Pine	23.03	1.51
06 46 36 00-0727	LF	3/4" x 7-1/2" Custom Shaped White Pine	25.72	1.51
06 46 36 00-0728	LF	3/4" x 8-1/2" Custom Shaped White Pine	28.45	1.51
06 46 36 00-0729	LF	3/4" x 9-1/2" Custom Shaped White Pine	32.70	1.63
06 46 36 00-0730	LF	3/4" x 10-1/2" Custom Shaped White Pine	35.72	1.74
06 46 36 00-0731	LF	1" x 1-1/2" Custom Shaped White Pine	10.38	1.28
06 46 36 00-0732	LF	1" x 2-1/2" Custom Shaped White Pine	13.62	1.28
06 46 36 00-0733	LF	1" x 3-1/2" Custom Shaped White Pine	16.81	1.40
06 46 36 00-0734	LF	1" x 4-1/2" Custom Shaped White Pine	20.05	1.40
06 46 36 00-0735	LF	1" x 5-1/2" Custom Shaped White Pine	23.37	1.51
06 46 36 00-0736	LF	1" x 6-1/2" Custom Shaped White Pine	26.74	1.51
06 46 36 00-0737	LF	1" x 7-1/2" Custom Shaped White Pine	29.91	1.51
06 46 36 00-0738	LF	1" x 8-1/2" Custom Shaped White Pine	33.18	1.63
06 46 36 00-0739	LF	1" x 9-1/2" Custom Shaped White Pine	36.30	1.63

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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06 46 36 00-0740	LF		1" x 10-1/2" Custom Shaped White Pine	39.70	1.74
06 46 36 00-0741	LF		1" x 11-1/2" Custom Shaped White Pine	42.94	1.74
06 46 36 00-0742	LF		1-1/4" x 1-1/2" Custom Shaped White Pine	11.73	1.28
06 46 36 00-0743	LF		1-1/4" x 2-1/2" Custom Shaped White Pine	15.56	1.28
06 46 36 00-0744	LF		1-1/4" x 3-1/2" Custom Shaped White Pine	19.50	1.40
06 46 36 00-0745	LF		1-1/4" x 4-1/2" Custom Shaped White Pine	23.22	1.40
06 46 36 00-0746	LF		1-1/4" x 5-1/2" Custom Shaped White Pine	27.18	1.51
06 46 36 00-0747	LF		1-1/4" x 6-1/2" Custom Shaped White Pine	31.14	1.51
06 46 36 00-0748	LF		1-1/4" x 7-1/2" Custom Shaped White Pine	34.96	1.63
06 46 36 00-0749	LF		1-1/4" x 8-1/2" Custom Shaped White Pine	38.82	1.63
06 46 36 00-0750	LF		1-1/4" x 9-1/2" Custom Shaped White Pine	42.58	1.63
06 46 36 00-0751	LF		1-1/4" x 10-1/2" Custom Shaped White Pine	46.58	1.74
06 46 36 00-0752	LF		1-1/4" x 11-1/2" Custom Shaped White Pine	50.46	1.86
06 46 36 00-0753	LF		1-1/2" x 1-1/2" Custom Shaped White Pine	14.75	1.28
06 46 36 00-0754	LF		1-1/2" x 2-1/2" Custom Shaped White Pine	20.02	1.40
06 46 36 00-0755	LF		1-1/2" x 3-1/2" Custom Shaped White Pine	25.30	1.40
06 46 36 00-0756	LF		1-1/2" x 4-1/2" Custom Shaped White Pine	30.58	1.51
06 46 36 00-0757	LF		1-1/2" x 5-1/2" Custom Shaped White Pine	35.87	1.51
06 46 36 00-0758	LF		1-1/2" x 6-1/2" Custom Shaped White Pine	41.40	1.63
06 46 36 00-0759	LF		1-1/2" x 7-1/2" Custom Shaped White Pine	46.65	1.63
06 46 36 00-0760	LF		1-1/2" x 8-1/2" Custom Shaped White Pine	51.97	1.74
06 46 36 00-0761	LF		1-1/2" x 9-1/2" Custom Shaped White Pine	58.26	1.74
06 46 36 00-0762	LF		1-1/2" x 10-1/2" Custom Shaped White Pine	62.62	1.86
06 46 36 00-0763	LF		1-1/2" x 11-1/2" Custom Shaped White Pine	67.95	1.86
06 46 36 00-0764	LF		2" x 1-1/2" Custom Shaped White Pine	22.77	1.40
06 46 36 00-0765	LF		2" x 2-1/2" Custom Shaped White Pine	32.01	1.40
06 46 36 00-0766	LF		2" x 3-1/2" Custom Shaped White Pine	41.23	1.40
06 46 36 00-0767	LF		2" x 4-1/2" Custom Shaped White Pine	50.58	1.51
06 46 36 00-0768	LF		2" x 5-1/2" Custom Shaped White Pine	59.82	1.51
06 46 36 00-0769	LF		2" x 6-1/2" Custom Shaped White Pine	69.27	1.63
06 46 36 00-0770	LF		2" x 7-1/2" Custom Shaped White Pine	78.51	1.63
06 46 36 00-0771	LF		2" x 8-1/2" Custom Shaped White Pine	87.87	1.74
06 46 36 00-0772	LF		2" x 9-1/2" Custom Shaped White Pine	97.09	1.74
06 46 36 00-0773	LF		2" x 10-1/2" Custom Shaped White Pine	106.33	1.86
06 46 36 00-0774	LF		2" x 11-1/2" Custom Shaped White Pine	115.80	1.98
06 46 36 00-0775	LF		2-1/2" x 1-1/2" Custom Shaped White Pine	27.17	1.40
06 46 36 00-0776	LF		2-1/2" x 2-1/2" Custom Shaped White Pine	38.55	1.40
06 46 36 00-0777	LF		2-1/2" x 3-1/2" Custom Shaped White Pine	49.93	1.51
06 46 36 00-0778	LF		2-1/2" x 4-1/2" Custom Shaped White Pine	61.42	1.51
06 46 36 00-0779	LF		2-1/2" x 5-1/2" Custom Shaped White Pine	72.81	1.51
06 46 36 00-0780	LF		2-1/2" x 6-1/2" Custom Shaped White Pine	84.41	1.63
06 46 36 00-0781	LF		2-1/2" x 7-1/2" Custom Shaped White Pine	95.79	1.74
06 46 36 00-0782	LF		2-1/2" x 8-1/2" Custom Shaped White Pine	107.28	1.74
06 46 36 00-0783	LF		2-1/2" x 9-1/2" Custom Shaped White Pine	118.65	1.86
06 46 36 00-0784	LF		2-1/2" x 10-1/2" Custom Shaped White Pine	130.04	1.86
06 46 36 00-0785	LF		2-1/2" x 11-1/2" Custom Shaped White Pine	141.66	1.98
06 46 36 00-0786	LF		3-1/2" x 3-1/2" Custom Shaped White Pine	69.36	1.51
06 46 36 00-0787	LF		3-1/2" x 4-1/2" Custom Shaped White Pine	85.67	1.51
06 46 36 00-0788	LF		3-1/2" x 5-1/2" Custom Shaped White Pine	101.87	1.63
06 46 36 00-0789	LF		3-1/2" x 6-1/2" Custom Shaped White Pine	118.31	1.74
06 46 36 00-0790	LF		3-1/2" x 7-1/2" Custom Shaped White Pine	134.52	1.74
06 46 36 00-0791	LF		3-1/2" x 8-1/2" Custom Shaped White Pine	150.84	1.86
06 46 36 00-0792	LF		3-1/2" x 9-1/2" Custom Shaped White Pine	167.04	1.86
06 46 36 00-0793	LF		3-1/2" x 10-1/2" Custom Shaped White Pine	183.24	1.86
06 46 36 00-0794	LF		3-1/2" x 11-1/2" Custom Shaped White Pine	199.68	1.98

06 46 36 00-0795
Clear Heart Redwood (06 46 36)

06 46 36 00-0796	LF		3/4" x 1-1/2" Custom Shaped Clear Heart Redwood	8.07	1.28
06 46 36 00-0797	LF		3/4" x 2-1/2" Custom Shaped Clear Heart Redwood	10.18	1.28
06 46 36 00-0798	LF		3/4" x 3-1/2" Custom Shaped Clear Heart Redwood	12.30	1.28
06 46 36 00-0799	LF		3/4" x 4-1/2" Custom Shaped Clear Heart Redwood	14.41	1.40
06 46 36 00-0800	LF		3/4" x 5-1/2" Custom Shaped Clear Heart Redwood	16.65	1.40
06 46 36 00-0801	LF		3/4" x 6-1/2" Custom Shaped Clear Heart Redwood	18.90	1.51
06 46 36 00-0802	LF		3/4" x 7-1/2" Custom Shaped Clear Heart Redwood	23.15	1.51
06 46 36 00-0803	LF		3/4" x 8-1/2" Custom Shaped Clear Heart Redwood	25.55	1.51
06 46 36 00-0804	LF		3/4" x 9-1/2" Custom Shaped Clear Heart Redwood	25.67	1.63
06 46 36 00-0805	LF		3/4" x 10-1/2" Custom Shaped Clear Heart Redwood	27.47	1.74
06 46 36 00-0806	LF		1" x 1-1/2" Custom Shaped Clear Heart Redwood	9.73	1.28
06 46 36 00-0807	LF		1" x 2-1/2" Custom Shaped Clear Heart Redwood	12.60	1.28
06 46 36 00-0808	LF		1" x 3-1/2" Custom Shaped Clear Heart Redwood	15.47	1.40
06 46 36 00-0809	LF		1" x 4-1/2" Custom Shaped Clear Heart Redwood	18.34	1.40
06 46 36 00-0810	LF		1" x 5-1/2" Custom Shaped Clear Heart Redwood	21.39	1.51
06 46 36 00-0811	LF		1" x 6-1/2" Custom Shaped Clear Heart Redwood	24.38	1.51
06 46 36 00-0812	LF		1" x 7-1/2" Custom Shaped Clear Heart Redwood	30.98	1.51
06 46 36 00-0813	LF		1" x 8-1/2" Custom Shaped Clear Heart Redwood	34.36	1.63
06 46 36 00-0814	LF		1" x 9-1/2" Custom Shaped Clear Heart Redwood	37.65	1.63
06 46 36 00-0815	LF		1" x 10-1/2" Custom Shaped Clear Heart Redwood	41.15	1.74
06 46 36 00-0816	LF		1-1/2" x 1-1/2" Custom Shaped Clear Heart Redwood	12.82	1.28
06 46 36 00-0817	LF		1-1/2" x 2-1/2" Custom Shaped Clear Heart Redwood	17.13	1.40
06 46 36 00-0818	LF		1-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood	21.44	1.40
06 46 36 00-0819	LF		1-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood	25.75	1.51
06 46 36 00-0820	LF		1-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood	30.08	1.51
06 46 36 00-0821	LF		1-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood	34.75	1.63
06 46 36 00-0822	LF		1-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood	46.65	1.63

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 46 36 00-0823	LF	1-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood	51.97	1.74
06 46 36 00-0824	LF	1-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood	61.48	1.74
06 46 36 00-0825	LF	1-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood	67.34	1.86
06 46 36 00-0826	LF	3-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood	65.07	1.51
06 46 36 00-0827	LF	3-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood	80.31	1.51
06 46 36 00-0828	LF	3-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood	95.44	1.63
06 46 36 00-0829	LF	3-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood	110.80	1.74
06 46 36 00-0830	LF	3-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood	125.94	1.74
06 46 36 00-0831	LF	3-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood	141.19	1.86
06 46 36 00-0832	LF	3-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood	156.31	1.86
06 46 36 00-0833	LF	3-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood	171.44	1.86
06 46 36 00-0834	LF	3-1/2" x 11-1/2" Custom Shaped Clear Heart Redwood	186.81	1.98

06 46 36 00-0835**Walnut** (06 46 36)

06 46 36 00-0836	LF	3/4" x 1-1/2" Custom Shaped Walnut	12.25	1.28
06 46 36 00-0837	LF	3/4" x 2-1/2" Custom Shaped Walnut	16.46	1.28
06 46 36 00-0838	LF	3/4" x 3-1/2" Custom Shaped Walnut	20.66	1.28
06 46 36 00-0839	LF	3/4" x 4-1/2" Custom Shaped Walnut	24.87	1.40
06 46 36 00-0840	LF	3/4" x 5-1/2" Custom Shaped Walnut	29.20	1.40
06 46 36 00-0841	LF	3/4" x 6-1/2" Custom Shaped Walnut	33.54	1.51
06 46 36 00-0842	LF	3/4" x 7-1/2" Custom Shaped Walnut	37.73	1.51
06 46 36 00-0843	LF	3/4" x 8-1/2" Custom Shaped Walnut	41.96	1.51
06 46 36 00-0844	LF	3/4" x 9-1/2" Custom Shaped Walnut	46.11	1.63
06 46 36 00-0845	LF	3/4" x 10-1/2" Custom Shaped Walnut	50.47	1.74
06 46 36 00-0846	LF	3/4" x 11-1/2" Custom Shaped Walnut	54.74	1.74
06 46 36 00-0847	LF	1" x 1-1/2" Custom Shaped Walnut	14.67	1.28
06 46 36 00-0848	LF	1" x 2-1/2" Custom Shaped Walnut	20.05	1.28
06 46 36 00-0849	LF	1" x 3-1/2" Custom Shaped Walnut	25.39	1.40
06 46 36 00-0850	LF	1" x 4-1/2" Custom Shaped Walnut	30.78	1.40
06 46 36 00-0851	LF	1" x 5-1/2" Custom Shaped Walnut	36.24	1.51
06 46 36 00-0852	LF	1" x 6-1/2" Custom Shaped Walnut	41.76	1.51
06 46 36 00-0853	LF	1" x 7-1/2" Custom Shaped Walnut	47.07	1.51
06 46 36 00-0854	LF	1" x 8-1/2" Custom Shaped Walnut	52.48	1.63
06 46 36 00-0855	LF	1" x 9-1/2" Custom Shaped Walnut	57.75	1.63
06 46 36 00-0856	LF	1" x 10-1/2" Custom Shaped Walnut	63.30	1.74
06 46 36 00-0857	LF	1" x 11-1/2" Custom Shaped Walnut	68.68	1.74
06 46 36 00-0858	LF	1-1/4" x 1-1/2" Custom Shaped Walnut	18.00	1.28
06 46 36 00-0859	LF	1-1/4" x 2-1/2" Custom Shaped Walnut	25.00	1.28
06 46 36 00-0860	LF	1-1/4" x 3-1/2" Custom Shaped Walnut	31.94	1.40
06 46 36 00-0861	LF	1-1/4" x 4-1/2" Custom Shaped Walnut	38.93	1.40
06 46 36 00-0862	LF	1-1/4" x 5-1/2" Custom Shaped Walnut	46.00	1.51
06 46 36 00-0863	LF	1-1/4" x 6-1/2" Custom Shaped Walnut	53.13	1.51
06 46 36 00-0864	LF	1-1/4" x 7-1/2" Custom Shaped Walnut	60.06	1.63
06 46 36 00-0865	LF	1-1/4" x 8-1/2" Custom Shaped Walnut	67.08	1.63
06 46 36 00-0866	LF	1-1/4" x 9-1/2" Custom Shaped Walnut	73.95	1.63
06 46 36 00-0867	LF	1-1/4" x 10-1/2" Custom Shaped Walnut	81.12	1.74
06 46 36 00-0868	LF	1-1/4" x 11-1/2" Custom Shaped Walnut	88.11	1.86
06 46 36 00-0869	LF	1-1/2" x 1-1/2" Custom Shaped Walnut	24.40	1.28
06 46 36 00-0870	LF	1-1/2" x 2-1/2" Custom Shaped Walnut	34.50	1.40
06 46 36 00-0871	LF	1-1/2" x 3-1/2" Custom Shaped Walnut	44.61	1.40
06 46 36 00-0872	LF	1-1/2" x 4-1/2" Custom Shaped Walnut	54.71	1.51
06 46 36 00-0873	LF	1-1/2" x 5-1/2" Custom Shaped Walnut	64.83	1.51
06 46 36 00-0874	LF	1-1/2" x 6-1/2" Custom Shaped Walnut	75.18	1.63
06 46 36 00-0875	LF	1-1/2" x 7-1/2" Custom Shaped Walnut	85.26	1.63
06 46 36 00-0876	LF	1-1/2" x 8-1/2" Custom Shaped Walnut	95.41	1.74
06 46 36 00-0877	LF	1-1/2" x 9-1/2" Custom Shaped Walnut	106.53	1.74
06 46 36 00-0878	LF	1-1/2" x 10-1/2" Custom Shaped Walnut	115.71	1.86
06 46 36 00-0879	LF	1-1/2" x 11-1/2" Custom Shaped Walnut	125.86	1.86
06 46 36 00-0880	LF	2" x 1-1/2" Custom Shaped Walnut	41.00	1.40
06 46 36 00-0881	LF	2" x 2-1/2" Custom Shaped Walnut	59.36	1.40
06 46 36 00-0882	LF	2" x 3-1/2" Custom Shaped Walnut	77.70	1.40
06 46 36 00-0883	LF	2" x 4-1/2" Custom Shaped Walnut	96.16	1.51
06 46 36 00-0884	LF	2" x 5-1/2" Custom Shaped Walnut	114.52	1.51
06 46 36 00-0885	LF	2" x 6-1/2" Custom Shaped Walnut	133.09	1.63
06 46 36 00-0886	LF	2" x 7-1/2" Custom Shaped Walnut	151.44	1.63
06 46 36 00-0887	LF	2" x 8-1/2" Custom Shaped Walnut	169.91	1.74
06 46 36 00-0888	LF	2" x 9-1/2" Custom Shaped Walnut	188.25	1.74
06 46 36 00-0889	LF	2" x 10-1/2" Custom Shaped Walnut	206.61	1.86
06 46 36 00-0890	LF	2" x 11-1/2" Custom Shaped Walnut	225.19	1.98
06 46 36 00-0891	LF	2-1/2" x 1-1/2" Custom Shaped Walnut	51.30	1.40
06 46 36 00-0892	LF	2-1/2" x 2-1/2" Custom Shaped Walnut	74.75	1.40
06 46 36 00-0893	LF	2-1/2" x 3-1/2" Custom Shaped Walnut	98.20	1.51
06 46 36 00-0894	LF	2-1/2" x 4-1/2" Custom Shaped Walnut	121.74	1.51
06 46 36 00-0895	LF	2-1/2" x 5-1/2" Custom Shaped Walnut	145.20	1.51
06 46 36 00-0896	LF	2-1/2" x 6-1/2" Custom Shaped Walnut	168.87	1.63
06 46 36 00-0897	LF	2-1/2" x 7-1/2" Custom Shaped Walnut	192.32	1.74
06 46 36 00-0898	LF	2-1/2" x 8-1/2" Custom Shaped Walnut	215.87	1.74
06 46 36 00-0899	LF	2-1/2" x 9-1/2" Custom Shaped Walnut	239.31	1.86
06 46 36 00-0900	LF	2-1/2" x 10-1/2" Custom Shaped Walnut	262.77	1.86
06 46 36 00-0901	LF	2-1/2" x 11-1/2" Custom Shaped Walnut	286.44	1.98

06 48 Wood Frames (06 40)

Note: Includes perimeter caulk, sealant (as required), anchors and silencers.

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 48 13 Exterior Wood Door Frames (06 48)
06 48 13 00-0001 Exterior Door Frames (06 48 13)

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made with threshold, includes all trim molding, up to 8" depth.

06 48 13 00-0002	EA	3' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	277.84	65.95
		For Birch, Add	51.12	
		For Mahogany, Add	124.14	
06 48 13 00-0003	EA	3'-6" x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	291.93	69.12
		For Birch, Add	54.01	
		For Mahogany, Add	131.17	
06 48 13 00-0004	EA	4' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	306.05	71.81
		For Birch, Add	56.90	
		For Mahogany, Add	138.18	
06 48 13 00-0005	EA	5' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	332.85	76.84
		For Birch, Add	62.67	
		For Mahogany, Add	152.21	
06 48 13 00-0006	EA	6' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	360.32	82.36
		For Birch, Add	68.46	
		For Mahogany, Add	166.25	
06 48 13 00-0007	EA	3' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	400.64	66.18
06 48 13 00-0008	EA	3'-6" x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	408.71	69.12
06 48 13 00-0009	EA	4' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	416.74	72.04
06 48 13 00-0010	EA	5' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	430.57	76.73
06 48 13 00-0011	EA	6' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	446.84	82.59
06 48 13 00-0012	EA	3' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	320.29	66.18
06 48 13 00-0013	EA	3'-6" x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	335.61	69.12
06 48 13 00-0014	EA	4' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	351.04	72.04
06 48 13 00-0015	EA	5' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	379.35	76.73
06 48 13 00-0016	EA	6' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	410.01	82.59

06 48 16 Interior Wood Door Frames (06 48)
06 48 16 00-0001 Interior Door Frames (06 48 16)

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made, includes all trim molding.

06 48 16 00-0002	EA	2'-0" Or 2'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	138.35	31.40
		For Oak Or Maple, Add	23.43	
		For Birch, Add	26.46	
		For Mahogany, Add	64.25	
		For Walnut Frame, Add	34.02	
06 48 16 00-0003	EA	2'-6" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	139.29	31.51
		For Oak Or Maple, Add	23.63	
		For Birch, Add	26.68	
		For Mahogany, Add	64.80	
		For Walnut Frame, Add	34.30	
06 48 16 00-0004	EA	2'-8" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	141.08	32.10
		For Oak Or Maple, Add	23.81	
		For Birch, Add	26.88	
		For Mahogany, Add	65.28	
		For Walnut Frame, Add	34.56	
06 48 16 00-0005	EA	3' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	143.46	32.92
		For Oak Or Maple, Add	24.04	
		For Birch, Add	27.15	
		For Mahogany, Add	65.93	
		For Walnut Frame, Add	34.90	
06 48 16 00-0006	EA	3'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	146.78	33.74
		For Oak Or Maple, Add	24.55	
		For Birch, Add	27.72	
		For Mahogany, Add	67.32	
		For Walnut Frame, Add	35.64	
06 48 16 00-0007	EA	4' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	155.14	35.84
		For Oak Or Maple, Add	25.85	
		For Birch, Add	29.19	
		For Mahogany, Add	70.88	
		For Walnut Frame, Add	37.53	
06 48 16 00-0008	EA	5' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	165.21	38.78
		For Oak Or Maple, Add	27.15	
		For Birch, Add	30.66	
		For Mahogany, Add	74.45	
		For Walnut Frame, Add	39.42	
06 48 16 00-0009	EA	6' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	174.15	41.23
		For Oak Or Maple, Add	28.45	
		For Birch, Add	32.12	
		For Mahogany, Add	78.01	
		For Walnut Frame, Add	41.30	
06 48 16 00-0010	LF	4-9/16", Pine Interior Door Frame	7.01	2.81
		For Oak Or Maple, Add	0.43	
		For Birch, Add	0.48	
		For Mahogany, Add	1.17	
		For Walnut Frame, Add	0.62	

06 49 Wood Screens and Exterior Wood Shutters (06 40)
06 49 19 Exterior Wood Shutters (06 49)

See CSI section 10 71 13 13-0000 for exterior shutters.

06 50 Structural Plastics (06)

06 Wood, Plastics, and Composites**06 50 Structural Plastics****06 51 Structural Plastic Shapes and Plates**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
06 51 Structural Plastic Shapes and Plates (06 50)**06 51 13 Plastic Lumber** (06 51)**06 51 13 00-0001 Beams And Girders, Recycled Plastic Lumber** (06 51 13)

06 51 13 00-0002	LF 2" x 6", Beam Or Girder, Recycled Plastic Lumber.....	13.26	1.89
	For Reinforced Structural Plastic Lumber, Add	3.91	
	Note: High density polyethylene combined with fiberglass.		
	For Brown Color, Add	0.95	
	For White Color, Add	4.49	
	For All Other Colors (Except Black, Brown Or White), Add	3.81	
06 51 13 00-0003	LF 2" x 8", Beam Or Girder, Recycled Plastic Lumber.....	16.99	2.05
	For Reinforced Structural Plastic Lumber, Add	5.20	
	Note: High density polyethylene combined with fiberglass.		
	For Brown Color, Add	1.27	
	For White Color, Add	5.98	
	For All Other Colors (Except Black, Brown Or White), Add	5.06	
06 51 13 00-0004	LF 2" x 10", Beam Or Girder, Recycled Plastic Lumber.....	20.37	2.21
	For Reinforced Structural Plastic Lumber, Add	6.37	
	Note: High density polyethylene combined with fiberglass.		
	For Brown Color, Add	1.55	
	For White Color, Add	7.31	
	For All Other Colors (Except Black, Brown Or White), Add	6.20	
06 51 13 00-0005	LF 3" x 10", Beam Or Girder, Recycled Plastic Lumber.....	29.84	2.62
	For Reinforced Structural Plastic Lumber, Add	9.65	
	Note: High density polyethylene combined with fiberglass.		
	For Brown Color, Add	2.35	
	For White Color, Add	11.09	
	For All Other Colors (Except Black, Brown Or White), Add	9.39	
06 51 13 00-0006	LF 3" x 12", Beam Or Girder, Recycled Plastic Lumber.....	35.76	2.95
	For Reinforced Structural Plastic Lumber, Add	11.67	
	Note: High density polyethylene combined with fiberglass.		
	For Brown Color, Add	2.84	
	For White Color, Add	13.40	
	For All Other Colors (Except Black, Brown Or White), Add	11.35	
06 51 13 00-0007	LF 4" x 4", Beam Or Girder, Recycled Plastic Lumber.....	19.16	2.54
	For Reinforced Structural Plastic Lumber, Add	5.74	
	Note: High density polyethylene combined with fiberglass.		
	For Brown Color, Add	1.40	
	For White Color, Add	6.60	
	For All Other Colors (Except Black, Brown Or White), Add	5.59	
06 51 13 00-0008	LF 4" x 6", Beam Or Girder, Recycled Plastic Lumber.....	25.92	2.71
	For Reinforced Structural Plastic Lumber, Add	8.16	
	Note: High density polyethylene combined with fiberglass.		
	For Brown Color, Add	1.98	
	For White Color, Add	9.37	
	For All Other Colors (Except Black, Brown Or White), Add	7.94	
06 51 13 00-0009	LF 5" x 5", Beam Or Girder, Recycled Plastic Lumber.....	26.98	2.79
	For Reinforced Structural Plastic Lumber, Add	8.51	
	Note: High density polyethylene combined with fiberglass.		
	For Brown Color, Add	2.07	
	For White Color, Add	9.77	
	For All Other Colors (Except Black, Brown Or White), Add	8.28	
06 51 13 00-0010	LF 6" x 6", Beam Or Girder, Recycled Plastic Lumber.....	37.34	3.04
	For Reinforced Structural Plastic Lumber, Add	12.21	
	Note: High density polyethylene combined with fiberglass.		
	For Brown Color, Add	2.97	
	For White Color, Add	14.03	
	For All Other Colors (Except Black, Brown Or White), Add	11.88	
06 51 13 00-0011	LF 6" x 8", Beam Or Girder, Recycled Plastic Lumber.....	51.08	3.20
	For Reinforced Structural Plastic Lumber, Add	17.21	
	Note: High density polyethylene combined with fiberglass.		
	For Brown Color, Add	4.19	
	For White Color, Add	19.76	
	For All Other Colors (Except Black, Brown Or White), Add	16.74	

06 51 13 00-0012 Joists, Recycled Plastic Lumber (06 51 13)

06 51 13 00-0013	LF 2" x 4", Joist, Recycled Plastic Lumber.....	8.65	1.06
	For Reinforced Structural Plastic Lumber, Add	2.64	
	Note: High density polyethylene combined with fiberglass.		
	For Brown Color, Add	0.64	
	For White Color, Add	3.03	
	For All Other Colors (Except Black, Brown Or White), Add	2.57	
06 51 13 00-0014	LF 2" x 6", Joist, Recycled Plastic Lumber.....	12.09	1.12
	For Reinforced Structural Plastic Lumber, Add	3.91	
	Note: High density polyethylene combined with fiberglass.		
	For Brown Color, Add	0.95	
	For White Color, Add	4.49	
	For All Other Colors (Except Black, Brown Or White), Add	3.81	
06 51 13 00-0015	LF 2" x 8", Joist, Recycled Plastic Lumber.....	15.82	1.23
	For Reinforced Structural Plastic Lumber, Add	5.20	
	Note: High density polyethylene combined with fiberglass.		
	For Brown Color, Add	1.27	
	For White Color, Add	5.98	
	For All Other Colors (Except Black, Brown Or White), Add	5.06	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0016	LF	2" x 10", Joist, Recycled Plastic Lumber	19.31	1.47	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	6.37		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	1.55		
		<i>For White Color, Add</i>	7.31		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	6.20		
06 51 13 00-0017	LF	3" x 10", Joist, Recycled Plastic Lumber	28.55	1.73	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	9.65		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	2.35		
		<i>For White Color, Add</i>	11.09		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	9.39		
06 51 13 00-0018	LF	3" x 12", Joist, Recycled Plastic Lumber	34.71	2.21	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	11.67		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	2.84		
		<i>For White Color, Add</i>	13.40		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	11.35		
06 51 13 00-0019	LF	4" x 4", Joist, Recycled Plastic Lumber	17.74	1.55	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	5.74		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	1.40		
		<i>For White Color, Add</i>	6.60		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.59		
06 51 13 00-0020	LF	4" x 6", Joist, Recycled Plastic Lumber	24.40	1.64	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	8.16		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	1.98		
		<i>For White Color, Add</i>	9.37		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	7.94		
06 51 13 00-0021	LF	5" x 5", Joist, Recycled Plastic Lumber	25.57	1.81	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	8.51		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	2.07		
		<i>For White Color, Add</i>	9.77		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	8.28		
06 51 13 00-0022	LF	6" x 6", Joist, Recycled Plastic Lumber	35.92	2.05	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	12.21		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	2.97		
		<i>For White Color, Add</i>	14.03		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	11.88		
06 51 13 00-0023	LF	6" x 8", Joist, Recycled Plastic Lumber	49.67	2.21	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	17.21		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	4.19		
		<i>For White Color, Add</i>	19.76		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	16.74		
06 51 13 00-0024		Columns, Recycled Plastic Lumber <small>(06 51 13)</small>			
06 51 13 00-0025	LF	4" x 4", Column, Recycled Plastic Lumber	20.32	3.36	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	5.74		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	1.40		
		<i>For White Color, Add</i>	6.60		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.59		
06 51 13 00-0026	LF	4" x 6", Column, Recycled Plastic Lumber	28.84	4.75	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	8.16		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	1.98		
		<i>For White Color, Add</i>	9.37		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	7.94		
06 51 13 00-0027	LF	5" x 5", Column, Recycled Plastic Lumber	30.61	5.33	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	8.51		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	2.07		
		<i>For White Color, Add</i>	9.77		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	8.28		
06 51 13 00-0028	LF	6" x 6", Column, Recycled Plastic Lumber	41.66	6.07	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	12.21		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	2.97		
		<i>For White Color, Add</i>	14.03		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	11.88		
06 51 13 00-0029	LF	6" x 8", Column, Recycled Plastic Lumber	57.16	7.46	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	17.21		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	4.19		
		<i>For White Color, Add</i>	19.76		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	16.74		
06 51 13 00-0030		Walls, Recycled Plastic Lumber <small>(06 51 13)</small>			
06 51 13 00-0031	LF	2" x 3", Walls, Recycled Plastic Lumber	7.75	1.06	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	2.31		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	0.56		
		<i>For White Color, Add</i>	2.65		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	2.24		

06 Wood, Plastics, and Composites**06 50 Structural Plastics****06 51 Structural Plastic Shapes and Plates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 51 13 00-0032	LF	2" x 4", Walls, Recycled Plastic Lumber	8.89	1.23
		<i>For Reinforced Structural Plastic Lumber, Add</i>	2.64	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	0.64	
		<i>For White Color, Add</i>	3.03	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	2.57	
06 51 13 00-0033	LF	2" x 6", Walls, Recycled Plastic Lumber	12.44	1.31
		<i>For Reinforced Structural Plastic Lumber, Add</i>	3.91	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	0.95	
		<i>For White Color, Add</i>	4.49	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.81	
06 51 13 00-0034	LF	2" x 8", Walls, Recycled Plastic Lumber	16.05	1.39
		<i>For Reinforced Structural Plastic Lumber, Add</i>	5.20	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	1.27	
		<i>For White Color, Add</i>	5.98	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.06	
06 51 13 00-0035		Other Shapes, Recycled Plastic Lumber <small>(06 51 13)</small>		
06 51 13 00-0036	LF	5/4" x 4", Other Shapes, Recycled Plastic Lumber	7.57	0.93
		<i>For Reinforced Structural Plastic Lumber, Add</i>	2.27	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	0.55	
		<i>For White Color, Add</i>	2.61	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	2.21	
06 51 13 00-0037	LF	5/4" x 6", Other Shapes, Recycled Plastic Lumber	9.66	1.06
		<i>For Reinforced Structural Plastic Lumber, Add</i>	3.01	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	0.73	
		<i>For White Color, Add</i>	3.46	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	2.93	
06 51 13 00-0038	LF	5/4" x 8", Recycled Plastic Lumber	12.70	1.06
		<i>For Reinforced Structural Plastic Lumber, Add</i>	4.14	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	1.01	
		<i>For White Color, Add</i>	4.75	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	4.02	
06 51 13 00-0039	LF	1" x 4", Other Shapes, Recycled Plastic Lumber	7.62	0.93
		<i>For Reinforced Structural Plastic Lumber, Add</i>	2.29	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	0.56	
		<i>For White Color, Add</i>	2.63	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	2.23	
06 51 13 00-0040	LF	1" x 6", Other Shapes, Recycled Plastic Lumber	8.43	1.06
		<i>For Reinforced Structural Plastic Lumber, Add</i>	2.56	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	0.62	
		<i>For White Color, Add</i>	2.94	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	2.49	
06 51 13 00-0041	LF	1" x 6", Tongue And Grooved, Other Shapes, Recycled Plastic Lumber	8.58	1.06
		<i>For Reinforced Structural Plastic Lumber, Add</i>	2.61	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	0.64	
		<i>For White Color, Add</i>	3.00	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	2.54	
06 51 13 00-0042	LF	2" x 2", Other Shapes, Recycled Plastic Lumber	5.23	0.90
		<i>For Reinforced Structural Plastic Lumber, Add</i>	1.46	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	0.35	
		<i>For White Color, Add</i>	1.67	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	1.42	
06 51 13 00-0043	LF	2" x 3", Other Shapes, Recycled Plastic Lumber	7.75	1.06
		<i>For Reinforced Structural Plastic Lumber, Add</i>	2.31	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	0.56	
		<i>For White Color, Add</i>	2.65	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	2.24	
06 51 13 00-0044	LF	2" x 4", Other Shapes, Recycled Plastic Lumber	8.89	1.23
		<i>For Reinforced Structural Plastic Lumber, Add</i>	2.64	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	0.64	
		<i>For White Color, Add</i>	3.03	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	2.57	
06 51 13 00-0045	LF	2" x 6", Other Shapes, Recycled Plastic Lumber	12.44	1.31
		<i>For Reinforced Structural Plastic Lumber, Add</i>	3.91	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	0.95	
		<i>For White Color, Add</i>	4.49	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.81	
06 51 13 00-0046	LF	2" x 8", Other Shapes, Recycled Plastic Lumber	16.05	1.39
		<i>For Reinforced Structural Plastic Lumber, Add</i>	5.20	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	1.27	
		<i>For White Color, Add</i>	5.98	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.06	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0047	LF	2" x 10", Other Shapes, Recycled Plastic Lumber	.....	19.31	1.47
		For Reinforced Structural Plastic Lumber, Add		6.37	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add		1.55	
		For White Color, Add		7.31	
		For All Other Colors (Except Black, Brown Or White), Add		6.20	
06 51 13 00-0048	LF	2" x 12", Other Shapes, Recycled Plastic Lumber	.....	23.38	1.55
		For Reinforced Structural Plastic Lumber, Add		7.83	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add		1.91	
		For White Color, Add		9.00	
		For All Other Colors (Except Black, Brown Or White), Add		7.62	
06 51 13 00-0049	LF	3" x 4", Other Shapes, Recycled Plastic Lumber	.....	12.78	1.43
		For Reinforced Structural Plastic Lumber, Add		3.97	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add		0.97	
		For White Color, Add		4.56	
		For All Other Colors (Except Black, Brown Or White), Add		3.86	
06 51 13 00-0050	LF	3" x 6", Other Shapes, Recycled Plastic Lumber	.....	18.83	1.53
		For Reinforced Structural Plastic Lumber, Add		6.16	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add		1.50	
		For White Color, Add		7.08	
		For All Other Colors (Except Black, Brown Or White), Add		5.99	
06 51 13 00-0051	LF	3" x 8", Other Shapes, Recycled Plastic Lumber	.....	24.59	1.64
		For Reinforced Structural Plastic Lumber, Add		8.24	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add		2.00	
		For White Color, Add		9.46	
		For All Other Colors (Except Black, Brown Or White), Add		8.02	
06 51 13 00-0052	LF	3" x 10", Other Shapes, Recycled Plastic Lumber	.....	28.55	1.73
		For Reinforced Structural Plastic Lumber, Add		9.65	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add		2.35	
		For White Color, Add		11.09	
		For All Other Colors (Except Black, Brown Or White), Add		9.39	
06 51 13 00-0053	LF	3" x 12", Other Shapes, Recycled Plastic Lumber	.....	34.71	2.21
		For Reinforced Structural Plastic Lumber, Add		11.67	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add		2.84	
		For White Color, Add		13.40	
		For All Other Colors (Except Black, Brown Or White), Add		11.35	
06 51 13 00-0054	LF	4" x 4", Other Shapes, Recycled Plastic Lumber	.....	17.74	1.55
		For Reinforced Structural Plastic Lumber, Add		5.74	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add		1.40	
		For White Color, Add		6.60	
		For All Other Colors (Except Black, Brown Or White), Add		5.59	
06 51 13 00-0055	LF	4" x 6", Other Shapes, Recycled Plastic Lumber	.....	24.40	1.64
		For Reinforced Structural Plastic Lumber, Add		8.16	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add		1.98	
		For White Color, Add		9.37	
		For All Other Colors (Except Black, Brown Or White), Add		7.94	
06 51 13 00-0056	LF	4" x 8", Other Shapes, Recycled Plastic Lumber	.....	32.86	1.78
		For Reinforced Structural Plastic Lumber, Add		11.22	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add		2.73	
		For White Color, Add		12.89	
		For All Other Colors (Except Black, Brown Or White), Add		10.92	
06 51 13 00-0057	LF	5" x 5", Other Shapes, Recycled Plastic Lumber	.....	25.57	1.81
		For Reinforced Structural Plastic Lumber, Add		8.51	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add		2.07	
		For White Color, Add		9.77	
		For All Other Colors (Except Black, Brown Or White), Add		8.28	
06 51 13 00-0058	LF	6" x 6", Other Shapes, Recycled Plastic Lumber	.....	35.92	2.05
		For Reinforced Structural Plastic Lumber, Add		12.21	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add		2.97	
		For White Color, Add		14.03	
		For All Other Colors (Except Black, Brown Or White), Add		11.88	
06 51 13 00-0059	LF	6" x 8", Other Shapes, Recycled Plastic Lumber	.....	49.67	2.21
		For Reinforced Structural Plastic Lumber, Add		17.21	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add		4.19	
		For White Color, Add		19.76	
		For All Other Colors (Except Black, Brown Or White), Add		16.74	
06 51 13 00-0060	LF	6" x 12", Other Shapes, Recycled Plastic Lumber	.....	70.23	2.46
		For Reinforced Structural Plastic Lumber, Add		24.69	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add		6.00	
		For White Color, Add		28.36	
		For All Other Colors (Except Black, Brown Or White), Add		24.02	
06 51 13 00-0061	LF	8" x 8", Other Shapes, Recycled Plastic Lumber	.....	62.43	2.37
		For Reinforced Structural Plastic Lumber, Add		21.85	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add		5.31	
		For White Color, Add		25.10	
		For All Other Colors (Except Black, Brown Or White), Add		21.26	

06 Wood, Plastics, and Composites**06 50 Structural Plastics****06 51 Structural Plastic Shapes and Plates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0062	LF		8" x 10", Other Shapes, Recycled Plastic Lumber.....	106.90	2.46
			<i>For Reinforced Structural Plastic Lumber, Add</i>	38.25	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	9.31	
			<i>For White Color, Add</i>	43.94	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	37.22	
06 51 13 00-0063	LF		10" x 10", Other Shapes, Recycled Plastic Lumber.....	148.45	2.58
			<i>For Reinforced Structural Plastic Lumber, Add</i>	53.57	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	13.03	
			<i>For White Color, Add</i>	61.53	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	52.12	
06 51 13 00-0064	LF		2" Diameter, Other Shapes, Recycled Plastic Lumber.....	5.63	0.82
			<i>For Reinforced Structural Plastic Lumber, Add</i>	1.65	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	0.40	
			<i>For White Color, Add</i>	1.89	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	1.60	
06 51 13 00-0065	LF		3-1/2" Diameter, Other Shapes, Recycled Plastic Lumber.....	16.37	1.06
			<i>For Reinforced Structural Plastic Lumber, Add</i>	5.49	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.34	
			<i>For White Color, Add</i>	6.31	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.35	
06 51 13 00-0066	LF		4" Diameter, Other Shapes, Recycled Plastic Lumber.....	18.05	1.23
			<i>For Reinforced Structural Plastic Lumber, Add</i>	6.03	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.47	
			<i>For White Color, Add</i>	6.92	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.86	
06 51 13 00-0067	LF		5" Diameter, Other Shapes, Recycled Plastic Lumber.....	22.35	1.47
			<i>For Reinforced Structural Plastic Lumber, Add</i>	7.49	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.82	
			<i>For White Color, Add</i>	8.61	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	7.29	
06 51 13 00-0068	LF		6" Diameter, Other Shapes, Recycled Plastic Lumber.....	49.70	1.73
			<i>For Reinforced Structural Plastic Lumber, Add</i>	17.48	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	4.25	
			<i>For White Color, Add</i>	20.08	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	17.01	
06 51 13 00-0069	SF		1/8" Thick, Other Shapes, Recycled Plastic Sheeting.....	4.52	0.90
06 51 13 00-0070	SF		1/4" Thick, Other Shapes, Recycled Plastic Sheeting.....	6.66	0.93
06 51 13 00-0071	SF		3/8" Thick, Other Shapes, Recycled Plastic Sheeting.....	9.68	1.00
06 51 13 00-0072	SF		1/2" Thick, Other Shapes, Recycled Plastic Sheeting.....	12.37	1.04

06 52 Plastic Structural Assemblies (06 50)**06 52 13 Plastic Columns** (06 52)**06 52 13 00-0001 Round Fiberglass Columns** (06 52 13)

06 52 13 00-0002	LF		6" Diameter, Round Fiberglass Column.....	20.32	6.71
06 52 13 00-0003	LF		8" Diameter, Round Fiberglass Column.....	28.63	9.76
06 52 13 00-0004	LF		10" Diameter, Round Fiberglass Column.....	33.41	10.99
06 52 13 00-0005	LF		12" Diameter, Round Fiberglass Column.....	42.11	11.49
06 52 13 00-0006	LF		15" Diameter, Round Fiberglass Column.....	51.62	13.28
06 52 13 00-0007	EA		6" Diameter, Base And Cap For Round Fiberglass Columns.....	39.30	12.71
06 52 13 00-0008	EA		8" Diameter, Base And Cap For Round Fiberglass Columns.....	43.67	13.73
06 52 13 00-0009	EA		10" Diameter, Base And Cap For Round Fiberglass Columns.....	51.82	15.25
06 52 13 00-0010	EA		12" Diameter, Base And Cap For Round Fiberglass Columns.....	73.50	16.28
06 52 13 00-0011	EA		15" Diameter, Base And Cap For Round Fiberglass Columns.....	101.21	17.80

06 52 13 00-0012 Fluted Fiberglass Columns (06 52 13)

06 52 13 00-0013	LF		6" Diameter, Fluted Fiberglass Column.....	21.68	6.71
06 52 13 00-0014	LF		8" Diameter, Fluted Fiberglass Column.....	30.44	9.76
06 52 13 00-0015	LF		10" Diameter, Fluted Fiberglass Column.....	35.70	10.99
06 52 13 00-0016	LF		12" Diameter, Fluted Fiberglass Column.....	45.96	11.49
06 52 13 00-0017	LF		15" Diameter, Fluted Fiberglass Column.....	56.64	13.33
06 52 13 00-0018	EA		6" Diameter, Base And Cap For Fluted Fiberglass Columns.....	42.08	12.71
06 52 13 00-0019	EA		8" Diameter, Base And Cap For Fluted Fiberglass Columns.....	46.92	13.73
06 52 13 00-0020	EA		10" Diameter, Base And Cap For Fluted Fiberglass Columns.....	56.08	15.25
06 52 13 00-0021	EA		12" Diameter, Base And Cap For Fluted Fiberglass Columns.....	81.69	16.28
06 52 13 00-0022	EA		15" Diameter, Base And Cap For Fluted Fiberglass Columns.....	114.33	17.80

06 52 13 00-0023 Ornamental Or Decorative Cap And Base For Fiberglass Columns (06 52 13)

06 52 13 00-0024	EA		8" Roman Ionic Cap And Base For Fiberglass Columns.....	177.23	15.25
06 52 13 00-0025	EA		10" Roman Ionic Cap And Base For Fiberglass Columns.....	237.11	17.80
06 52 13 00-0026	EA		12" Roman Ionic Cap And Base For Fiberglass Columns.....	304.41	20.35
06 52 13 00-0027	EA		8" Scamozzi Cap And Base For Fiberglass Columns.....	211.59	15.25
06 52 13 00-0028	EA		10" Scamozzi Cap And Base For Fiberglass Columns.....	254.75	17.80
06 52 13 00-0029	EA		12" Scamozzi Cap And Base For Fiberglass Columns.....	373.13	20.35
06 52 13 00-0030	EA		8" Corinthian Cap And Base For Fiberglass Columns.....	267.31	15.25
06 52 13 00-0031	EA		10" Corinthian Cap And Base For Fiberglass Columns.....	324.40	17.80
06 52 13 00-0032	EA		12" Corinthian Cap And Base For Fiberglass Columns.....	430.70	20.35

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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06 52 13 00-0033	EA		8" Temple Of Winds Cap And Base For Fiberglass Columns.....	180.02	15.25
06 52 13 00-0034	EA		10" Temple Of Winds Cap And Base For Fiberglass Columns.....	242.68	17.80
06 52 13 00-0035	EA		12" Temple Of Winds Cap And Base For Fiberglass Columns.....	309.98	20.35
06 52 13 00-0036	EA		8" Greek Erectheum Cap And Base For Fiberglass Columns.....	180.02	15.25
06 52 13 00-0037	EA		10" Greek Erectheum Cap And Base For Fiberglass Columns.....	216.68	17.80
06 52 13 00-0038	EA		12" Greek Erectheum Cap And Base For Fiberglass Columns.....	286.76	20.35

06 53 Plastic Decking (06 50)

06 53 16 Plastic Stair Treads (06 53)

06 53 16 00-0001 Fiberglass Reinforced Plastic Stair Treads (06 53 16)

Note: Includes standard colors and anchors. Excludes stringers.

06 53 16 00-0002	LF		1" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer.....	39.58	2.61
06 53 16 00-0003	LF		1-1/2" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer.....	53.60	3.13
06 53 16 00-0004	LF		2" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer.....	84.68	3.45

06 60 Plastic Fabrications (06)

06 65 Plastic Trim (06 60)

06 65 00 00-0001 Plastic Moldings (06 65)

Note: All dimensions are nominal.

06 65 00 00-0002 Base, Plastic Moldings (06 65 00 00-0001)

06 65 00 00-0003	LF		3-1/2" High, Base, Plastic Molding.....	8.60	2.32
06 65 00 00-0004	LF		4-1/2" High, Base, Plastic Molding.....	10.37	2.91
06 65 00 00-0005	LF		3/4" x 1", Base Shoe, Plastic Molding.....	7.55	2.45

06 65 00 00-0006 Cornice, Plastic Moldings (06 65 00 00-0001)

06 65 00 00-0007	LF		1" x 2" Cornice, Plastic Molding.....	7.60	2.32
06 65 00 00-0008	LF		1" x 4" Cornice, Plastic Molding.....	10.18	2.45
06 65 00 00-0009	LF		1" x 6" Cornice, Plastic Molding.....	15.23	2.56
06 65 00 00-0010	LF		1" x 8" Cornice, Plastic Molding.....	17.91	2.68
06 65 00 00-0011	LF		1" x 10" Cornice, Plastic Molding.....	21.03	2.79
06 65 00 00-0012	LF		1" x 12" Cornice, Plastic Molding.....	27.89	2.91

06 65 00 00-0013 Crown Or Bed, Plastic Moldings (06 65 00 00-0001)

06 65 00 00-0014	LF		9/16" x 1-5/8" Crown Or Bed, Plastic Molding.....	16.50	2.32
06 65 00 00-0015	LF		9/16" x 2-1/4" Crown Or Bed, Plastic Molding.....	22.42	2.91
06 65 00 00-0016	LF		9/16" x 3-1/2" Crown Or Bed, Plastic Molding.....	23.56	2.91
06 65 00 00-0017	LF		9/16" x 3-5/8" Crown Or Bed, Plastic Molding.....	24.70	2.91
06 65 00 00-0018	LF		5/8" x 4-1/4" Crown Or Bed, Plastic Molding.....	32.69	3.49
06 65 00 00-0019	LF		11/16" x 4-5/8" Crown Or Bed, Plastic Molding.....	39.75	3.49

06 65 00 00-0020 Dentil, Plastic Moldings (06 65 00 00-0001)

06 65 00 00-0021	LF		11/16" x 1-3/8" Dentil, Plastic Molding.....	13.48	2.32
06 65 00 00-0022	LF		5/8" x 2-1/2" Dentil, Plastic Molding.....	15.64	2.32
06 65 00 00-0023	LF		1-3/8" x 3-3/8" Dentil, Plastic Molding.....	20.51	2.32
06 65 00 00-0024	LF		1-1/2" x 4-1/2" Dentil, Plastic Molding.....	28.91	2.32

06 65 00 00-0025 Cove, Plastic Moldings (06 65 00 00-0001)

06 65 00 00-0026	LF		3/8" x 3/8" Cove, Plastic Molding.....	4.64	1.28
06 65 00 00-0027	LF		1/2" x 1/2" Cove, Plastic Molding.....	5.22	1.28
06 65 00 00-0028	LF		5/8" x 5/8" Cove, Plastic Molding.....	7.10	1.51
06 65 00 00-0029	LF		3/4" x 3/4" Cove, Plastic Molding.....	7.10	1.51
06 65 00 00-0030	LF		15/16" x 15/16" Cove, Plastic Molding.....	9.62	1.51
06 65 00 00-0031	LF		9/16" x 1-3/4" Cove, Plastic Molding.....	12.83	1.74
06 65 00 00-0032	LF		11/16" x 2-3/4" Cove, Plastic Molding.....	18.17	1.74

06 65 00 00-0033 Chair Rail, Plastic Moldings (06 65 00 00-0001)

06 65 00 00-0034	LF		1/2" x 1-5/8" Chair Rail, Plastic Molding.....	8.23	1.74
06 65 00 00-0035	LF		5/8" x 2-1/2" Chair Rail, Plastic Molding.....	11.13	2.32
06 65 00 00-0036	LF		5/8" x 3-1/2" Chair Rail, Plastic Molding.....	14.42	2.32

06 65 00 00-0037 Door, Plastic Moldings (06 65 00 00-0001)

06 65 00 00-0038	LF		1-1/8" Wide, Door, Plastic Molding.....	6.17	2.09
06 65 00 00-0039	LF		1-1/8" Wide, Detailed Door, Plastic Molding.....	6.24	2.09

06 65 00 00-0040 Trim, Plastic Moldings (06 65 00 00-0001)

06 65 00 00-0041	LF		1/2" x 1/2" Quarter Round Trim, Plastic Molding.....	6.09	2.45
06 65 00 00-0042	LF		3/4" x 3/4" Quarter Round Trim, Plastic Molding.....	7.28	2.45
06 65 00 00-0043	LF		1-1/4" x 2" Brick Mould, Plastic Molding.....	6.63	2.32
06 65 00 00-0044	LF		1-17/32" x 1-1/2" x 1-3/8" Sill Nose, Plastic Molding.....	7.56	2.32
06 65 00 00-0045	LF		11/16" x 1-5/8" Drip Cap, Plastic Molding.....	5.73	2.32

06 Wood, Plastics, and Composites**06 60 Plastic Fabrications****06 65 Plastic Trim**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 65 00 00-0046	LF	2-3/4" x 2" Water Table, Plastic Molding.....	8.24	2.32
06 65 00 00-0047	LF	3/8" x 2" Garage Door Stop, Plastic Molding	6.24	2.32

06 65 00 00-0048 Extruded Polyvinyl Chloride (PVC) Trimboard (06 65)

Note: As manufactured by Azek or Kleer. All dimensions are nominal.

06 65 00 00-0049	LF	1" x 4" Extruded Polyvinyl Chloride (PVC) Trimboard.....	3.88	0.93
06 65 00 00-0050	LF	1" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard.....	5.48	1.05
06 65 00 00-0051	LF	1" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard.....	7.14	1.17
06 65 00 00-0052	LF	1" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard.....	8.56	1.19
06 65 00 00-0053	LF	1" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard.....	10.12	1.22
06 65 00 00-0054	LF	5/4" x 4" Extruded Polyvinyl Chloride (PVC) Trimboard.....	4.70	0.93
06 65 00 00-0055	LF	5/4" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard.....	6.76	1.05
06 65 00 00-0056	LF	5/4" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard.....	8.56	1.17
06 65 00 00-0057	LF	5/4" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard.....	10.51	1.19
06 65 00 00-0058	LF	5/4" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard.....	12.30	1.22
06 65 00 00-0059	LF	3-1/2" x 3-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board	10.06	1.19
06 65 00 00-0060	LF	5-1/2" x 5-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board	13.28	1.22
06 65 00 00-0061	SF	1/2" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets.....	7.09	1.05
06 65 00 00-0062	SF	3/4" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets.....	10.13	1.17

06 70 Structural Composites (06)**06 74 Composite Gratings** (06 70)**06 74 13 Fiberglass Reinforced Gratings** (06 74)**06 74 13 00-0001 Molded Fiberglass Gratings And Coverings** (06 74 13)**06 74 13 00-0002 Vi-Corr Resin System** (06 74 13 00-0001)

Note: Orange or dark gray.

06 74 13 00-0003	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, Vi-Corr Resin, Meniscus Top.....	42.37	1.88
06 74 13 00-0004	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top	41.16	1.88
06 74 13 00-0005	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top.....	53.76	1.88
06 74 13 00-0006	SF	2" Molded Fiberglass Grate, 2" x 2" Mesh, Vi-Corr Resin, Meniscus Top.....	58.19	2.41
06 74 13 00-0007	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, Vi-Corr Resin, Applied Grit Top	44.48	1.88
06 74 13 00-0008	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top	43.21	1.88
06 74 13 00-0009	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top	56.79	1.88
06 74 13 00-0010	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Vi-Corr Resin, Applied Grit Top	61.05	2.41
06 74 13 00-0011	SF	1/4" Vi-Corr Resin Polyester Resin, Fiberplate Covering.....	40.17	1.50
06 74 13 00-0012	SF	1/2" Vi-Corr Resin Polyester Resin, Fiberplate Covering.....	65.15	1.65
06 74 13 00-0013	SF	3/4" Vi-Corr Resin Polyester Resin, Fiberplate Covering	89.31	1.82

06 74 13 00-0014 IFR Fire Retardant Isophthalic Resin (06 74 13 00-0001)

06 74 13 00-0015	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	38.96	1.88
06 74 13 00-0016	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top.....	36.48	1.88
06 74 13 00-0017	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top.....	46.99	1.88
06 74 13 00-0018	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top.....	50.68	2.41
06 74 13 00-0019	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top.....	40.68	1.88
06 74 13 00-0020	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top.....	37.46	1.88
06 74 13 00-0021	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	51.04	2.41
06 74 13 00-0022	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top.....	53.51	2.41
06 74 13 00-0023	SF	1/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering.....	35.39	1.50
06 74 13 00-0024	SF	1/2" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering.....	50.15	1.65
06 74 13 00-0025	SF	3/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering.....	68.93	1.82

06 74 13 00-0026 Corvex Polyester Resin (06 74 13 00-0001)

Note: Dark gray.

06 74 13 00-0027	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, Corvex Polyester Resin, Meniscus Top.....	33.03	1.88
06 74 13 00-0028	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top	31.72	1.88
06 74 13 00-0029	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top.....	38.49	1.88
06 74 13 00-0030	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Meniscus Top	44.23	2.41
06 74 13 00-0031	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, Corvex Polyester Resin, Applied Grit Top	35.21	1.88
06 74 13 00-0032	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top.....	33.89	1.88
06 74 13 00-0033	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top	41.02	1.88
06 74 13 00-0034	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Applied Grit Top	46.40	2.41
06 74 13 00-0035	SF	1/4" Corvex Polyester Resin, Fiberplate Covering.....	31.24	1.50
06 74 13 00-0036	SF	1/2" Corvex Polyester Resin, Fiberplate Covering.....	49.93	1.65
06 74 13 00-0037	SF	3/4" Corvex Polyester Resin, Fiberplate Covering.....	69.30	1.82

06 74 13 00-0038 XFR Extra Fire Retardant (06 74 13 00-0001)

06 74 13 00-0039	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, XFR Extra Fire Retardant, Meniscus Top.....	48.68	1.88
06 74 13 00-0040	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top	47.26	1.88
06 74 13 00-0041	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top.....	64.76	1.88
06 74 13 00-0042	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Meniscus Top.....	69.16	2.41
06 74 13 00-0043	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh XFR Extra Fire Retardant, Applied Grit Top	50.82	1.88
06 74 13 00-0044	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top	49.43	1.88
06 74 13 00-0045	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top.....	67.29	1.88
06 74 13 00-0046	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Applied Grit Top	72.23	2.41
06 74 13 00-0047	SF	1/4" XFR Extra Fire Retardant Resin, Fiberplate Covering.....	46.03	1.50
06 74 13 00-0048	SF	1/2" XFR Extra Fire Retardant Resin, Fiberplate Covering.....	74.53	1.65

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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06 74 13 00-0049 ELS Extremely Low Smoke Resin (06 74 13 00-0001)				
06 74 13 00-0050	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, ELS Extremity Low Smoke Resin, Meniscus Top.....	49.93	1.88
06 74 13 00-0051	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Meniscus Top.....	48.41	1.88
06 74 13 00-0052	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Meniscus Top.....	63.02	1.88
06 74 13 00-0053	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremity Low Smoke Resin, Meniscus Top.....	67.52	2.41
06 74 13 00-0054	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top.....	51.91	1.88
06 74 13 00-0055	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top.....	50.66	1.88
06 74 13 00-0056	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top.....	65.46	1.88
06 74 13 00-0057	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top.....	69.98	2.41
06 74 13 00-0058	SF	1/4" ELS Extremity Low Smoke Resin, Fiberplate Covering.....	51.47	1.50
06 74 13 00-0059	SF	1/2 ELS Extremity Low Smoke Resin, Fiberplate Covering.....	92.92	1.65

06 74 13 00-0060 Pultruded Fiberglass Grating (06 74 13)

06 74 13 00-0061 ISOFR Isophthalic Polyester Resin System (06 74 13 00-0060)
Note: For moderately corrosive environments, green.

06 74 13 00-0062 1" ISOFR Isophthalic Polyester Resin System (06 74 13 00-0061)				
06 74 13 00-0063	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin.....	35.45	2.41
06 74 13 00-0064	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin.....	31.43	1.88
06 74 13 00-0065	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin.....	40.11	2.41
06 74 13 00-0066	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin.....	37.08	1.88
06 74 13 00-0067	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin.....	27.61	2.41
06 74 13 00-0068	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin.....	24.43	1.88
06 74 13 00-0069	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin.....	31.66	2.41
06 74 13 00-0070	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin.....	28.56	1.88

06 74 13 00-0071 1-1/2" ISOFR Isophthalic Polyester Resin System (06 74 13 00-0061)

06 74 13 00-0072	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin.....	40.07	2.41
06 74 13 00-0073	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin.....	36.16	1.88
06 74 13 00-0074	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin.....	45.06	2.41
06 74 13 00-0075	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin.....	42.26	1.88
06 74 13 00-0076	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin.....	35.20	2.41
06 74 13 00-0077	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin.....	32.10	1.88

06 74 13 00-0078 2" ISOFR Isophthalic Polyester Resin System (06 74 13 00-0061)

06 74 13 00-0079	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin.....	34.70	2.41
06 74 13 00-0080	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin.....	38.43	2.41
06 74 13 00-0081	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin.....	46.51	2.41
06 74 13 00-0082	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin.....	43.87	2.41

06 74 13 00-0083 VEF Vinyl Ester Resin System (06 74 13 00-0060)

06 74 13 00-0084 1" VEF Vinyl Ester Resin System (06 74 13 00-0083)

06 74 13 00-0085	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VEF Vinyl Ester Resin.....	37.55	1.88
06 74 13 00-0086	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VEF Vinyl Ester Resin.....	33.55	1.88
06 74 13 00-0087	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VEF Vinyl Ester Resin.....	42.26	1.88
06 74 13 00-0088	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VEF Vinyl Ester Resin.....	48.56	1.88
06 74 13 00-0089	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, VEF Vinyl Ester Resin.....	28.76	1.88
06 74 13 00-0090	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, VEF Vinyl Ester Resin.....	25.68	1.88
06 74 13 00-0091	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VEF Vinyl Ester Resin.....	33.06	1.88
06 74 13 00-0092	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VEF Vinyl Ester Resin.....	30.31	1.88

06 74 13 00-0093 1-1/2" VEF Vinyl Ester Resin System (06 74 13 00-0083)

06 74 13 00-0094	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VEF Vinyl Ester Resin.....	41.25	1.88
06 74 13 00-0095	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VEF Vinyl Ester Resin.....	37.30	1.88
06 74 13 00-0096	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VEF Vinyl Ester Resin.....	47.20	1.88
06 74 13 00-0097	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VEF Vinyl Ester Resin.....	44.05	1.88
06 74 13 00-0098	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VEF Vinyl Ester Resin.....	37.05	1.88
06 74 13 00-0099	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VEF Vinyl Ester Resin.....	34.11	1.88

06 74 13 00-0100 2" VEF Vinyl Ester Resin System (06 74 13 00-0083)

06 74 13 00-0101	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VEF Vinyl Ester Resin.....	36.47	2.41
06 74 13 00-0102	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VEF Vinyl Ester Resin.....	33.61	2.41
06 74 13 00-0103	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, VEF Vinyl Ester Resin.....	48.99	2.41
06 74 13 00-0104	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, VEF Vinyl Ester Resin.....	47.57	2.41

06 80 Composite Fabrications (06)

06 82 Composite Trim (06 80)

06 82 00 00-0001 Fiberglass Castings (06 82)				
06 82 00 00-0002 Fiberglass Angle, Equal Legs (06 82 00 00-0001)				
06 82 00 00-0003	LF	1" x 1" x 1/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin.....	9.01	3.13
06 82 00 00-0004	LF	1" x 1" x 1/8" Thick Fiberglass Angle, VEF Vinyl Ester Resin.....	9.45	3.13

06 Wood, Plastics, and Composites**06 80 Composite Fabrications****06 82 Composite Trim**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 82 00 00-0005	LF	3" x 3" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	16.94	3.76
06 82 00 00-0006	LF	3" x 3" x 1/4" Thick Fiberglass Angle, VEF Vinyl Ester Resin	18.73	3.76
06 82 00 00-0007	LF	4" x 4" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	18.84	3.76
06 82 00 00-0008	LF	4" x 4" x 1/4" Thick Fiberglass Angle, VEF Vinyl Ester Resin	20.14	3.76
06 82 00 00-0009	LF	4" x 4" x 3/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	21.88	3.76
06 82 00 00-0010	LF	4" x 4" x 3/8" Thick Fiberglass Angle, VEF Vinyl Ester Resin	24.64	3.76
06 82 00 00-0011	LF	6" x 6" x 1/2" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	59.22	4.71
06 82 00 00-0012	LF	6" x 6" x 1/2" Thick Fiberglass Angle, VEF Vinyl Ester Resin	68.15	4.71
06 82 00 00-0013		Fiberglass Channels (06 82 00 00-0001)		
06 82 00 00-0014	LF	3" x 1" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	10.40	4.71
06 82 00 00-0015	LF	3" x 1" x 1/4" Fiberglass Channel, VEF Vinyl Ester Resin	10.84	4.71
06 82 00 00-0016	LF	4" x 1 1/8" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	21.90	5.33
06 82 00 00-0017	LF	4" x 1 1/8" x 1/4" Fiberglass Channel, VEF Vinyl Ester Resin	21.90	5.33
06 82 00 00-0018	LF	6" x 1 11/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	34.44	5.33
06 82 00 00-0019	LF	6" x 1 11/16" x 3/8" Fiberglass Channel, VEF Vinyl Ester Resin	40.08	5.33
06 82 00 00-0020	LF	8" x 2 3/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	32.33	5.33
06 82 00 00-0021	LF	8" x 2 3/16" x 3/8" Fiberglass Channel, VEF Vinyl Ester Resin	39.10	5.33
06 82 00 00-0022	LF	10" x 2-3/4" x 1/2" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	49.25	7.32
06 82 00 00-0023	LF	10" x 2-3/4" x 1/2" Fiberglass Channel, VEF Vinyl Ester Resin	56.52	7.32
06 82 00 00-0024		Fiberglass Wide Flange Beams (06 82 00 00-0001)		
06 82 00 00-0025	LF	4" x 4" x 1/4" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	29.92	6.27
06 82 00 00-0026	LF	4" x 4" x 1/4" Fiberglass Wide Flange Beam, VEF Vinyl Ester Resin	32.74	6.27
06 82 00 00-0027	LF	6" x 6" x 1/4" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	38.31	7.53
06 82 00 00-0028	LF	6" x 6" x 1/4" Fiberglass Wide Flange Beam, VEF Vinyl Ester Resin	39.65	7.53
06 82 00 00-0029	LF	8" x 8" x 3/8" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	61.90	9.41
06 82 00 00-0030	LF	8" x 8" x 3/8" Fiberglass Wide Flange Beam, VEF Vinyl Ester Resin	77.77	9.41
06 82 00 00-0031	LF	10" x 10" x 1/2" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	137.89	11.50
06 82 00 00-0032	LF	10" x 10" x 1/2" Fiberglass Wide Flange Beam, VEF Vinyl Ester Resin	155.25	11.50
06 82 00 00-0033		Fiberglass Flat Sheet (06 82 00 00-0001)		
		Note: Not to be used for bathroom board.		
06 82 00 00-0034	SF	1/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	24.72	5.33
06 82 00 00-0035	SF	1/8" Thick Fiberglass Flat Sheet, VEF Vinyl Ester Resin	25.83	5.33
06 82 00 00-0036	SF	1/4" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	38.93	6.27
06 82 00 00-0037	SF	1/4" Thick Fiberglass Flat Sheet, VEF Vinyl Ester Resin	44.83	6.27
06 82 00 00-0038	SF	3/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	52.87	7.53
06 82 00 00-0039	SF	3/8" Thick Fiberglass Flat Sheet, VEF Vinyl Ester Resin	61.72	7.53
06 82 00 00-0040	SF	1/2" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	71.32	9.41
06 82 00 00-0041	SF	1/2" Thick Fiberglass Flat Sheet, VEF Vinyl Ester Resin	84.87	9.41
06 82 00 00-0042		Fiberglass Bars (06 82 00 00-0001)		
06 82 00 00-0043		Square Bars (06 82 00 00-0042)		
06 82 00 00-0044	LF	1" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin	14.68	3.76
06 82 00 00-0045	LF	1-1/4" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin	21.11	5.54
06 82 00 00-0046	LF	1-1/2" Square Fiberglass Solid Square Bar, ISOFR Isophthalic Polyester Resin	24.76	7.32
06 82 00 00-0047		Round Bars (06 82 00 00-0042)		
06 82 00 00-0048	LF	1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	9.40	3.13
06 82 00 00-0049	LF	1" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	20.25	4.71
06 82 00 00-0050	LF	1" Diameter Fiberglass Solid Round Bar, VEF Vinyl Ester Resin	22.94	4.71
06 82 00 00-0051	LF	1-1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	30.46	4.71
06 82 00 00-0052	LF	1-1/2" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	36.42	5.33
06 82 00 00-0053		Fiberglass Tubes (06 82 00 00-0001)		
06 82 00 00-0054		Square Tube (06 82 00 00-0053)		
06 82 00 00-0055	LF	1" x 1" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	10.62	3.13
06 82 00 00-0056	LF	1" x 1" x 1/8" Thick Fiberglass Square Tube, VEF Vinyl Ester Resin	11.49	3.13
06 82 00 00-0057	LF	2" x 2" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	15.74	3.76
06 82 00 00-0058	LF	2" x 2" x 1/8" Thick Fiberglass Square Tube, VEF Vinyl Ester Resin	17.28	3.76
06 82 00 00-0059	LF	3" x 3" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	30.13	4.71
06 82 00 00-0060	LF	3" x 3" x 1/4" Thick Fiberglass Square Tube, VEF Vinyl Ester Resin	33.67	4.71
06 82 00 00-0061	LF	4" x 4" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	35.46	5.64
06 82 00 00-0062	LF	4" x 4" x 1/4" Thick Fiberglass Square Tube, VEF Vinyl Ester Resin	45.32	5.64
06 82 00 00-0063		Round Tube (06 82 00 00-0053)		
06 82 00 00-0064	LF	1" Diameter x 1/8" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin	10.16	3.13
06 82 00 00-0065	LF	1" Diameter x 1/8" Thick Fiberglass Round Tube, VEF Vinyl Ester Resin	10.56	3.13
06 82 00 00-0066	LF	2" Diameter x 1/4" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin	19.16	3.76
06 82 00 00-0067	LF	2" Diameter x 1/4" Thick Fiberglass Round Tube, VEF Vinyl Ester Resin	20.45	3.76
06 82 00 00-0068		Fiberglass Threaded Rods (06 82 00 00-0001)		
06 82 00 00-0069	LF	3/8" Diameter Fiberglass Threaded Rod, VEF Vinyl Ester Resin	13.81	2.41

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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06 82 00 00-0070	LF		1/2" Diameter Fiberglass Threaded Rod, VEFV Vinyl Ester Resin.....	14.72	2.41
06 82 00 00-0071	LF		5/8" Diameter Fiberglass Threaded Rod, VEFV Vinyl Ester Resin.....	16.89	2.72
06 82 00 00-0072	LF		3/4" Diameter Fiberglass Threaded Rod, VEFV Vinyl Ester Resin.....	18.63	2.72
06 82 00 00-0073	LF		1" Diameter Fiberglass Threaded Rod, VEFV Vinyl Ester Resin.....	20.60	2.72

06 82 00 00-0074 Grating Support Legs, VEFV Resin (06 82 00 00-0001)

06 82 00 00-0075	EA		Grating Support Legs, Fixed Height With Base Miscellaneous Fiberglass Castings	20.75	
06 82 00 00-0076	EA		Grate Support Legs Fixed Height Without Base Miscellaneous Fiberglass Castings	8.89	
06 82 00 00-0077	EA		Grating Support Legs, Adjustable To 60" Miscellaneous Fiberglass Castings.....	33.44	

06 82 00 00-0078 Fiberglass Netting (06 82 00 00-0001)

06 82 00 00-0079	SF		1/2" x 1/2" Mesh, Clear Flexible Fiberglass Netting.....	0.70	0.33
06 82 00 00-0080	SF		1/2" x 2" Mesh, Clear Flexible Fiberglass Netting	0.70	0.33
06 82 00 00-0081	SF		3/4" x 5/8" Mesh, Clear Flexible Fiberglass Netting	0.70	0.33
06 82 00 00-0082	SF		7/8" x 7/8" Mesh, Clear Flexible Fiberglass Netting	0.70	0.33
06 82 00 00-0083	SF		1" x 1" Mesh, Clear Flexible Fiberglass Netting	0.70	0.33
06 82 00 00-0084	SF		1/2" x 1/2" Mesh, Green Flexible Fiberglass Netting.....	0.69	0.33
06 82 00 00-0085	SF		1/2" x 2" Mesh, Green Flexible Fiberglass Netting.....	0.69	0.33
06 82 00 00-0086	SF		3/4" x 5/8" Mesh, Green Flexible Fiberglass Netting.....	0.69	0.33
06 82 00 00-0087	SF		7/8" x 7/8" Mesh, Green Flexible Fiberglass Netting.....	0.69	0.33
06 82 00 00-0088	SF		1" x 1" Mesh, Green Flexible Fiberglass Netting.....	0.69	0.33

06 82 00 00-0089 Fiberglass Stair Treads (06 82)

06 82 00 00-0090 Fiberglass Stair Treads (06 82 00 00-0089)

06 82 00 00-0091 10-1/2" Deep Isophthalic Resin System (06 82 00 00-0090)

06 82 00 00-0092	EA		1" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System.....	94.46	16.42
06 82 00 00-0093	EA		1" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System.....	109.90	16.42
06 82 00 00-0094	EA		1" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System.....	125.35	16.42
06 82 00 00-0095	EA		1" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System.....	140.80	16.42
06 82 00 00-0096	EA		1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System.....	103.73	16.42
06 82 00 00-0097	EA		1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System.....	121.49	16.42
06 82 00 00-0098	EA		1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System.....	139.25	16.42
06 82 00 00-0099	EA		1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System.....	157.02	16.42
06 82 00 00-0100	EA		2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System.....	117.94	16.42
06 82 00 00-0101	EA		2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System.....	139.25	16.42
06 82 00 00-0102	EA		2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System.....	160.57	16.42
06 82 00 00-0103	EA		2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System.....	181.89	16.42

06 82 00 00-0104 12" Deep Isophthalic Resin System (06 82 00 00-0090)

06 82 00 00-0105	EA		1" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System.....	103.29	16.42
06 82 00 00-0106	EA		1" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System.....	120.94	16.42
06 82 00 00-0107	EA		1" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System.....	138.60	16.42
06 82 00 00-0108	EA		1" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System.....	156.25	16.42
06 82 00 00-0109	EA		1-1/2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System.....	113.88	16.42
06 82 00 00-0110	EA		1-1/2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System.....	134.18	16.42
06 82 00 00-0111	EA		1-1/2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System.....	154.49	16.42
06 82 00 00-0112	EA		1-1/2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System.....	174.79	16.42
06 82 00 00-0113	EA		2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System.....	130.12	16.42
06 82 00 00-0114	EA		2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System.....	154.48	16.42
06 82 00 00-0115	EA		2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System.....	178.85	16.42
06 82 00 00-0116	EA		2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System.....	203.21	16.42

06 82 00 00-0117 Other Fiberglass (06 82)

06 82 00 00-0118 Fiberglass Splash Blocks (06 82 00 00-0117)

06 82 00 00-0119	EA		Standard Size Fiberglass Splash Block.....	17.50	3.29
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06 83 Composite Paneling (06 80)

06 83 16 Fiberglass Reinforced Paneling (06 83)

06 83 16 00-0001 Fiberglass Reinforced Polyester (FRP) Panels (06 83 16)

06 83 16 00-0002	SF		Fiberglass Reinforced Polyester (FRP) Paneling.....	4.27	1.65
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Note: Includes adhesive and trim.
Note: Including Adhesive And Trim

END OF SECTION 06

06 Wood, Plastics, and Composites

06 80 Composite Fabrications

06 83 Composite Paneling

MINOR	CSI	UOM	DESCRIPTION
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TOTAL DIRECT	DEMOLITION
UNIT COST	UNIT COST

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 Thermal And Moisture Protection

07 01 Operation and Maintenance of Thermal and Moisture Protection ⁽⁰⁷⁾

07 01 50 Maintenance of Membrane Roofing ^(07 01)

07 01 50 19 Preparation for Re-Roofing ^(07 01 50)

07 01 50 19-0001 Preparation For Re-Roofing ^(07 01 50 19)

07 01 50 19-0002	SQ	Removal Of Pea Gravel Ballast From Roof, Vacuum And Disposal	35.14
07 01 50 19-0003	SQ	Removal Of Gravel Ballast From Roof, Vacuum And Disposal	62.02

07 01 50 81 Roof Replacement ^(07 01 50)

07 01 50 81-0001 Roof Repair ^(07 01 50 81)

Note: Less than 100 SF areas. Excludes mobilization of crew for small quantity of roof work. See CSI section 07 05 13 00-0001 for mobilization of crew for small quantity of roof work.

07 01 50 81-0002	SF	Up To 10 SF Roof Repair, Built-Up Roofing	24.86
07 01 50 81-0003	SF	>10 To 25 SF Roof Repair, Built-Up Roofing	22.33
07 01 50 81-0004	SF	>25 To 50 SF Roof Repair, Built-Up Roofing	20.35
07 01 50 81-0005	SF	>50 To 100 SF Roof Repair, Built-Up Roofing	18.92
07 01 50 81-0006	SF	Up To 10 SF Roof Repair, Membrane Roofing	28.23
07 01 50 81-0007	SF	>10 To 25 SF Roof Repair, Membrane Roofing	25.70
07 01 50 81-0008	SF	>25 To 50 SF Roof Repair, Membrane Roofing	23.72
07 01 50 81-0009	SF	>50 To 100 SF Roof Repair, Membrane Roofing	22.29
07 01 50 81-0010	SF	Up To 10 SF Roof Repair, Shingle Roofing	21.50
07 01 50 81-0011	SF	>10 To 25 SF Roof Repair, Shingle Roofing	19.30
07 01 50 81-0012	SF	>25 To 50 SF Roof Repair, Shingle Roofing	17.66
07 01 50 81-0013	SF	>50 To 100 SF Roof Repair, Shingle Roofing	16.57
07 01 50 81-0014	LF	Heat Weld Roofing Seams For Repair	7.57

07 01 50 81-0015 Emergency Roof Patch ^(07 01 50 81)

Note: 4 Hour response time.

07 01 50 81-0016	EA	Granule Emergency Roof Patch Cover 16 SF	102.47
07 01 50 81-0017	EA	Mobilize For Emergency Roof Patching	468.05

07 01 50 81-0018 Adhesives ^(07 01 50 81)

07 01 50 81-0019 Mastic Sealer ^(07 01 50 81-0018)

07 01 50 81-0020 Applied At Joints Only ^(07 01 50 81-0019)

07 01 50 81-0021	LF	Mastic Sealer, 1/4" Bead At Joint	4.64	1.99
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07 01 50 91 Roofing Restoration ^(07 01 50)

07 01 50 91-0001 Pressure Wash Membrane Roofing ^(07 01 50 91)

07 01 50 91-0002	SF	Up To 2,500 PSI, Pressure Wash Membrane Roofing	0.15
		For Up To 100, Add	0.11
		For >100 To 250, Add	0.05
		For >250 To 500, Add	0.02
		For >5,000 To 10,000, Deduct	-0.01
		For >10,000 To 15,000, Deduct	-0.02
		For >15,000 To 30,000, Deduct	-0.02
		For >30,000, Deduct	-0.03

07 05 Common Work Results for Thermal and Moisture Protection ⁽⁰⁷⁾

07 05 13 Mobilization Of Crew For Small Quantity Of Roof Work ^(07 05)

07 05 13 00-0001 Mobilization Of Crew For Small Quantity Of Roof Work ^(07 05 13)

Note: For use with all roofing tasks where the total quantity of roof work is 4 squares or less.

07 05 13 00-0002	EA	Up To 1 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	1,406.42
07 05 13 00-0003	EA	>1 To 2 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	1,052.28
07 05 13 00-0004	EA	>2 To 3 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	703.21
07 05 13 00-0005	EA	>3 To 4 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	350.76

07 10 Dampproofing and Waterproofing ⁽⁰⁷⁾

Note: The following tasks are for application to vertical (walls and foundations) surfaces. For horizontal (flat) surfaces apply the appropriate modifier to reduce the labor cost (where listed). Waterproofing is the treatment of a surface or structure to PREVENT the passage of water under hydrostatic pressure. Dampproofing is the treatment of a surface or structure to RESIST the passage of water in the absence of hydrostatic pressure.

07 11 Dampproofing ^(07 10)

07 Thermal And Moisture Protection**07 10 Dampproofing and Waterproofing****07 11 Dampproofing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
07 11 13 Bituminous Dampproofing (07 11)

07 11 13 00-0001	Fibrous Asphalt Dampproofing, Brush, Roller Or Spray (07 11 13)		
07 11 13 00-0002	CSF 1 Coat, Fibrous Asphalt Dampproofing, Brush, Roller Or Spray	178.05	
07 11 13 00-0003	CSF 2 Coats, Brush, Roller Or Spray, Fibrous Asphalt Dampproofing	271.66	
07 11 13 00-0004	Fibrous Asphalt Dampproofing, Troweled On (07 11 13)		
07 11 13 00-0005	CSF Primer And 1 Coat, Fibrous Asphalt Dampproofing, Troweled On	308.03	
07 11 13 00-0006	CSF Primer And 2 Coats, Troweled On, Fibrous Asphalt Dampproofing	480.86	
07 11 13 00-0007	Asphaltic Paint Dampproofing (07 11 13)		
07 11 13 00-0008	CSF 1 Coat, Asphaltic Paint Dampproofing, Brushed On	142.21	
07 11 13 00-0009	CSF 2 Coats, Brushed On, Asphaltic Paint Dampproofing	263.36	

07 11 19 Sheet Dampproofing (07 11)

07 11 19 00-0001	Neoprene (07 11 19)		
07 11 19 00-0002	SF 1/16" Patch Neoprene Roof (5 To 20 SF)	37.68	

07 13 Sheet Waterproofing (07 10)**07 13 13 Bituminous Sheet Waterproofing (07 13)**

07 13 13 00-0001	15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped (07 13 13)		
07 13 13 00-0002	CSF 1 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	328.31	112.87
	<i>For 30 LB Felt, Add</i>	76.93	
	<i>For Application To Horizontal Surfaces, Deduct</i>	-33.86	
07 13 13 00-0003	CSF 2 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	415.36	126.98
	<i>For 30 LB Felt, Add</i>	121.05	
	<i>For Application To Horizontal Surfaces, Deduct</i>	-38.09	
07 13 13 00-0004	CSF 3 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	502.41	141.09
	<i>For 30 LB Felt, Add</i>	165.18	
	<i>For Application To Horizontal Surfaces, Deduct</i>	-42.33	
07 13 13 00-0005	CSF 4 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	589.46	155.20
	<i>For 30 LB Felt, Add</i>	209.30	
	<i>For Application To Horizontal Surfaces, Deduct</i>	-46.56	
07 13 13 00-0006	CSF 5 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	676.51	169.31
	<i>For 30 LB Felt, Add</i>	253.43	
	<i>For Application To Horizontal Surfaces, Deduct</i>	-50.79	
07 13 13 00-0007	Asphalt Coated Protective Board (07 13 13)		
07 13 13 00-0008	CSF 1/8" Asphalt Coated Protective Board	281.86	112.69
	<i>For Application To Horizontal Surfaces, Deduct</i>	-37.58	
07 13 13 00-0009	CSF 1/4" Asphalt Coated Protective Board	378.44	117.02
	<i>For Application To Horizontal Surfaces, Deduct</i>	-39.01	
07 13 13 00-0010	CSF 3/8" Asphalt Coated Protective Board	494.87	121.93
	<i>For Application To Horizontal Surfaces, Deduct</i>	-40.63	
07 13 13 00-0011	CSF 1/2" Asphalt Coated Protective Board	553.92	126.85
	<i>For Application To Horizontal Surfaces, Deduct</i>	-42.29	

07 13 53 Elastomeric Sheet Waterproofing (07 13)

07 13 53 00-0001	Rubberized Membrane Sheet (07 13 53)		
07 13 53 00-0002	SF 215 Mil Rubberized Asphalt Membrane Sheet, Vertical Surface	7.92	1.17
	<i>For Floor Surfaces, Deduct</i>	-1.16	
07 13 53 00-0003	Ethylene Propylene Diene Monomer (EPDM) (07 13 53)		
07 13 53 00-0004	CSF 45 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane	487.25	163.82
	<i>For Application To Horizontal Surfaces, Deduct</i>	-49.14	
07 13 53 00-0005	CSF 60 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane	560.94	163.82
	<i>For Application To Horizontal Surfaces, Deduct</i>	-49.14	
07 13 53 00-0006	Butyl Sheet Waterproofing (07 13 53)		
07 13 53 00-0007	CSF 1/32" Butyl Sheet Waterproofing	102.00	40.95
	<i>For Joint Taping, Add</i>	14.54	
	<i>For Each Additional Ply, Add</i>	75.50	
	<i>For Application To Horizontal Surfaces, Deduct</i>	-6.16	
07 13 53 00-0008	CSF 1/16" Butyl Sheet Waterproofing	121.39	40.95
	<i>For Joint Taping, Add</i>	15.51	
	<i>For Each Additional Ply, Add</i>	89.08	
	<i>For Application To Horizontal Surfaces, Deduct</i>	-6.16	
07 13 53 00-0009	Butyl With Nylon (07 13 53)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 13 53 00-0010	CSF		1/32" Butyl Elastomeric Waterproofing With Nylon	113.08	40.95
			For Joint Taping, Add	15.09	
			For Each Additional Ply, Add	83.26	
			For Application To Horizontal Surfaces, Deduct	-6.16	
07 13 53 00-0011	CSF		1/16" Butyl Elastomeric Waterproofing With Nylon	125.55	40.95
			For Joint Taping, Add	15.72	
			For Each Additional Ply, Add	91.99	
			For Application To Horizontal Surfaces, Deduct	-6.16	
07 13 53 00-0012			Neoprene Sheet Waterproofing (07 13 53)		
07 13 53 00-0013	CSF		1/32" Neoprene Sheet Waterproofing	176.88	40.95
			For Joint Taping, Add	18.28	
			For Each Additional Ply, Add	127.92	
			For Application To Horizontal Surfaces, Deduct	-6.16	
07 13 53 00-0014	CSF		1/16" Neoprene Sheet Waterproofing	259.44	40.95
			For Joint Taping, Add	22.41	
			For Each Additional Ply, Add	185.71	
			For Application To Horizontal Surfaces, Deduct	-6.16	
07 13 53 00-0015			Neoprene With Nylon (07 13 53)		
07 13 53 00-0016	CSF		1/32" Neoprene Elastomeric Waterproofing With Nylon	185.50	40.95
			For Joint Taping, Add	18.71	
			For Each Additional Ply, Add	133.95	
			For Application To Horizontal Surfaces, Deduct	-6.16	
07 13 53 00-0017	CSF		1/16" Neoprene Elastomeric Waterproofing With Nylon	273.20	40.95
			For Joint Taping, Add	23.10	
			For Each Additional Ply, Add	195.34	
			For Application To Horizontal Surfaces, Deduct	-6.16	
07 13 53 00-0018			Plastic Vapor Barrier (Polyethylene) (07 13 53)		
07 13 53 00-0019	CSF		4 Mil Polyethylene Vapor Barrier	38.43	14.19
			For Joint Taping, Add	9.15	
			For Each Additional Ply, Add	30.04	
			For Application To Horizontal Surfaces, Deduct	-4.71	
07 13 53 00-0020	CSF		6 Mil Polyethylene Vapor Barrier	39.44	14.19
			For Joint Taping, Add	9.20	
			For Each Additional Ply, Add	30.75	
			For Application To Horizontal Surfaces, Deduct	-4.71	
07 13 53 00-0021	CSF		10 Mil Polyethylene Vapor Barrier	65.23	14.19
			For Joint Taping, Add	10.49	
			For Each Additional Ply, Add	48.80	
			For Application To Horizontal Surfaces, Deduct	-4.71	
07 13 53 00-0022	CSF		60 Mil Polyethylene Vapor Barrier With Bentonite	104.17	14.19
			Note: Includes seam tape, liquid mastic, anchors and termination bar.		
			For Each Additional Ply, Add	76.41	
			For Application To Horizontal Surfaces, Deduct	-5.24	
07 13 53 00-0023			Plastic Vapor Barrier (PVC) (07 13 53)		
07 13 53 00-0024	CSF		10 Mil Polyvinyl Chloride (PVC) Vapor Barrier	46.06	15.70
			For Joint Taping, Add	9.53	
			For Each Additional Ply, Add	35.38	
			For Application To Horizontal Surfaces, Deduct	-4.71	
07 13 53 00-0025	CSF		20 Mil Polyvinyl Chloride (PVC) Vapor Barrier	57.90	16.28
			For Joint Taping, Add	10.39	
			For Each Additional Ply, Add	43.79	
			For Application To Horizontal Surfaces, Deduct	-4.89	
07 13 53 00-0026	CSF		30 Mil Polyvinyl Chloride (PVC) Vapor Barrier	73.67	16.86
			For Joint Taping, Add	11.44	
			For Each Additional Ply, Add	54.94	
			For Application To Horizontal Surfaces, Deduct	-5.06	
07 13 53 00-0027			Vinyl Plastic Vapor Barrier (07 13 53)		
07 13 53 00-0028	CSF		4 Mil Vinyl Plastic Vapor Barrier With Fiberglass Insulation At Joints (Tu-Tuf #4)	43.35	14.54
07 14 Fluid-Applied Waterproofing (07 10)					
07 14 13 Hot Fluid-Applied Rubberized Asphalt Waterproofing (07 14)					
07 14 13 00-0001 Hot Applied Rubberized Asphalt Waterproofing Coating (07 14 13)					
07 14 13 00-0002	SF		90 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface	2.43	
			Note: Includes primer.		
			For Application To Horizontal Surfaces, Deduct	-0.22	
			For Reinforcing Fabric, Add	0.54	
07 14 13 00-0003	SF		125 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface	2.85	
			Note: Includes primer.		
			For Application To Horizontal Surfaces, Deduct	-0.23	
			For Reinforcing Fabric, Add	0.54	
07 14 16 Cold Fluid-Applied Waterproofing (07 14)					
07 14 16 00-0001			Fluid Applied Rubber Based Polyurethane (07 14 16)		

07 Thermal And Moisture Protection**07 10 Dampproofing and Waterproofing****07 14 Fluid-Applied Waterproofing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 14 16 00-0002	SF	60 Mil Thick, Applied In 2 Coats, Fluid Applied, Rubber Base, Polyurethane Waterproofing.....	4.17	
		<i>For Application To Horizontal Surfaces, Deduct</i>	-0.49	
07 14 16 00-0003	SF	90 Mil Thick, Applied In 2 Coats, Fluid Applied, Rubber Base, Polyurethane Waterproofing.....	4.77	
		<i>For Application To Horizontal Surfaces, Deduct</i>	-0.52	
07 14 16 00-0004	SF	120 Mil Thick, Applied In 2 Coats, Fluid Applied, Rubber Base, Polyurethane Waterproofing.....	5.42	
		<i>For Application To Horizontal Surfaces, Deduct</i>	-0.55	
07 14 16 00-0005		One Part Solution Of Chlorosulfonated Polyethylene Polymer ^(07 14 16)		
07 14 16 00-0006	SF	15 Mil Finish Coat, 1 Part Solution, Chlorosulfonated Polyethylene (CSM) Polymer.....	2.82	
07 14 16 00-0007		Copolymer Compound ^(07 14 16)		
07 14 16 00-0008	SF	32 Mil, Fluid Elastomeric Copolymer Compound For Slabs.....	4.48	
07 14 16 00-0009		Fluid Applied Neoprene ^(07 14 16)		
07 14 16 00-0010	CSF	1/8" Fiberglass Reinforced, Fluid Applied Neoprene.....	523.49	
		<i>For Application To Horizontal Surfaces, Deduct</i>	-59.68	
07 14 16 00-0011	CSF	50 Mil, 4 Coats, Fluid Applied Neoprene.....	1,063.37	
		<i>For Application To Horizontal Surfaces, Deduct</i>	-117.07	
07 14 16 00-0012	CSF	90 Mil, 4 Coats, Fluid Applied Neoprene.....	1,735.89	
		<i>For Application To Horizontal Surfaces, Deduct</i>	-175.52	
07 14 16 00-0013		Concrete Surface Waterproofing Treatments ^(07 14 16)		
07 14 16 00-0014	SF	Concrete Waterproofing System (XYPEX).....	6.58	
		Note: Includes a single coat of each XYPEX Concentrate and XYPEX Modified		
07 14 16 00-0015		Moisture Barrier (Maxxon) ^(07 14 16)		
07 14 16 00-0016	SF	Moisture Barrier Primer, Brush Application For Cut-ins (Maxxon MVP 13030).....	3.71	
		Note: Includes primer coat for moisture mitigation epoxy flooring. Excludes preparation of flooring		
07 14 16 00-0017	SF	Moisture Barrier Primer, Roller Application (Maxxon MVP 13030).....	3.21	
		Note: Includes primer coat for moisture mitigation epoxy flooring. Excludes preparation of flooring		
07 14 16 00-0018	SF	Two Part Epoxy Moisture Barrier, Brush Application For Cut-ins, First Coat (Maxxon MVP 13035).....	1.55	
		Note: Includes product mixing and application. Excludes preparation of flooring		
07 14 16 00-0019	SF	Two Part Epoxy Moisture Barrier, Roller Application For First Coat (Maxxon MVP 13035).....	1.05	
		Note: Includes product mixing and application. Excludes preparation of flooring		
07 14 16 00-0020	SF	Two Part Epoxy Moisture Barrier, Brush Application For Cut-ins, Second Coat (Maxxon MVP 13035).....	2.07	
		Note: Includes product mixing and application. Excludes preparation of flooring		
07 14 16 00-0021	SF	Two Part Epoxy Moisture Barrier, Roller Application For Second Coat (Maxxon MVP 13035).....	1.57	
		Note: Includes product mixing and application. Excludes preparation of flooring		
07 16 Cementitious and Reactive Waterproofing ^(07 10)				
07 16 13 Polymer Modified Cement Waterproofing ^(07 16)				
07 16 13 00-0001	SF	Polymer Modified Cementitious Waterproofing Assembly, 2 Coats.....	4.56	
		Note: As manufactured by Thoro Consumer Products. Includes Thoroseal, Acryl 60, acrylic waterproof coating and white pigmented acrylic copolymer primer.		
07 16 16 Crystalline Waterproofing ^(07 16)				
07 16 16 00-0001	SF	Crystalline Cementitious Waterproofing, 2 Coats (Xypex Concentrate).....	5.99	
07 16 19 Metal Oxide Waterproofing ^(07 16)				
07 16 19 00-0001 Metallic Oxide Waterproofing ^(07 16 19)				
		Note: Includes one broom applied bond coat and three brush applied waterproof coats. Excludes concrete repairs to subbase and final protective concrete surface coat. See CSI section 03 54 16 00-0001 for self leveling underlayment for concrete floors, 09 24 33 00-0001 for cement parging.		
07 16 19 00-0002	CSF	Catalyzed Metallic Waterproofing Treatment, Metal Oxide Waterproofing (Euclid Iron Waterpeller).....	473.17	
		<i>For Application To Horizontal Surfaces, Deduct</i>	-58.92	
07 17 Bentonite Waterproofing ^(07 10)				
07 17 13 Bentonite Panel Waterproofing ^(07 17)				
07 17 13 00-0001	CSF	3/16" Bentonite Waterproofing Panels.....	478.52	134.45
		<i>For Application To Horizontal Surfaces, Deduct</i>	-40.35	
07 17 13 00-0002	CSF	1/4" Bentonite Waterproofing Panels.....	437.53	142.06
		<i>For Application To Horizontal Surfaces, Deduct</i>	-43.66	
07 17 13 00-0003	CSF	5/8" Bentonite Waterproofing Panels.....	602.26	148.14
		<i>For Application To Horizontal Surfaces, Deduct</i>	-44.43	
07 17 13 00-0004	CSF	3/8" Granular Bentonite, Troweled.....	485.81	123.22
		<i>For Application To Horizontal Surfaces, Deduct</i>	-36.95	
07 19 Water Repellents ^(07 10)				
07 19 13 Acrylic Sealer ^(07 19)				
		Note: Per coat.		
07 19 13 00-0001	SF	Spray On Concrete, Acrylic Sealer.....	2.56	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 19 13 00-0002	SF		Spray On Concrete Block/Brick, Acrylic Sealer	3.06	
07 19 13 00-0003	SF		Spray On Stone, Acrylic Sealer	3.36	

07 19 16 Silane Water Repellents (07 19)

07 19 16 00-0001	Silane Concrete Sealer (07 19 16)				
07 19 16 00-0002	SF		Spray On Concrete, Water Based, Silane Penetrating Water Repellent Sealer (Specchem SpecSilane 40 WB)	0.72	
07 19 16 00-0003	SF		Spray On Concrete Block/Brick, Water Based, Silane Penetrating Water Repellent Sealer (Specchem SpecSilane 40 WB)	1.06	

07 19 16 00-0004 Silane/Siloxane Concrete Sealer (07 19 16)

07 19 16 00-0005	SF		Spray On Concrete, Solvent Based, Silane/Siloxane Concrete Penetrating Water Repellent Sealer (Anti-Hydro Aridox 40)	1.26	
Note: 40% silane, alcohol based.					
07 19 16 00-0006	SF		Spray On Concrete Block/Brick, Solvent Based, Silane/Siloxane Penetrating Water Repellent Sealer (Anti-Hydro Aridox 40)	1.85	
Note: 40% silane, alcohol based.					
07 19 16 00-0007	SF		Spray On Concrete, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosooco Saltguard WB)	0.47	
Note: 200 SF/GAL					
07 19 16 00-0008	SF		Spray On Concrete Block/Masonry, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosooco Saltguard WB)	0.70	

07 20 Thermal Protection (07)

07 21 Thermal Insulation (07 20)

07 21 13 Board Insulation (07 21)

Note: Types are stock sizes, mastic applied.

07 21 13 13 Foam Board Insulation (07 21 13)

07 21 13 13-0001	Cold Adhesive Applied Foam Board Insulation (07 21 13 13)				
07 21 13 13-0002	Cold Adhesive Applied, Foam Glass (Cellular Glass), Foam Board Insulation (07 21 13 13-0001)				
07 21 13 13-0003	SF		1" Thick, R3.44, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied	4.15	0.40
For Horizontal Surface Application, Deduct				-0.07	
For Vapor Barrier, Integral With Insulation, Add				0.05	
07 21 13 13-0004	SF		1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied	5.82	0.40
For Horizontal Surface Application, Deduct				-0.07	
For Vapor Barrier, Integral With Insulation, Add				0.05	
07 21 13 13-0005	SF		2" Thick, R6.88, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied	6.95	0.41
For Horizontal Surface Application, Deduct				-0.07	
For Vapor Barrier, Integral With Insulation, Add				0.05	
07 21 13 13-0006	SF		2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied	9.20	0.42
For Horizontal Surface Application, Deduct				-0.07	
For Vapor Barrier, Integral With Insulation, Add				0.05	
07 21 13 13-0007	Cold Adhesive Applied, Expanded Polystyrene, Foam Board Insulation (07 21 13 13-0001)				
07 21 13 13-0008	SF		3/8" Thick, R1.44, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	1.77	0.39
For Horizontal Surface Application, Deduct				-0.07	
For Vapor Barrier, Integral With Insulation, Add				0.05	
07 21 13 13-0009	SF		1/2" Thick, R1.93, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	1.87	0.39
For Horizontal Surface Application, Deduct				-0.07	
For Vapor Barrier, Integral With Insulation, Add				0.05	
07 21 13 13-0010	SF		3/4" Thick, R2.89, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	2.13	0.40
For Horizontal Surface Application, Deduct				-0.07	
For Vapor Barrier, Integral With Insulation, Add				0.05	
07 21 13 13-0011	SF		1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	2.41	0.40
For Horizontal Surface Application, Deduct				-0.07	
For Vapor Barrier, Integral With Insulation, Add				0.05	
07 21 13 13-0012	SF		2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	3.49	0.41
For Horizontal Surface Application, Deduct				-0.07	
For Vapor Barrier, Integral With Insulation, Add				0.05	
07 21 13 13-0013	SF		3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	4.59	0.42
For Horizontal Surface Application, Deduct				-0.07	
For Vapor Barrier, Integral With Insulation, Add				0.05	
07 21 13 13-0014	SF		4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	5.68	0.43
For Horizontal Surface Application, Deduct				-0.07	
For Vapor Barrier, Integral With Insulation, Add				0.05	
07 21 13 13-0015	SF		5" Thick, R19.25, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	6.76	0.44
For Horizontal Surface Application, Deduct				-0.07	
For Vapor Barrier, Integral With Insulation, Add				0.05	
07 21 13 13-0016	SF		6" Thick, R23.1, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	7.86	0.45
For Horizontal Surface Application, Deduct				-0.08	
For Vapor Barrier, Integral With Insulation, Add				0.05	

07 21 13 13-0017 Cold Adhesive Applied, Extruded Polystyrene, Foam Board Insulation (07 21 13 13-0001)

Note: 15 PSI compressive strength.

07 Thermal And Moisture Protection

07 20 Thermal Protection

07 21 Thermal Insulation

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 21 13 13-0018	SF 3/8" Thick, R1.9, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....	2.03	0.39
	<i>For Horizontal Surface Application, Deduct</i>	-0.07	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For 25 PSI Compressive Strength, Add</i>	0.22	
	<i>For 40 PSI Compressive Strength, Add</i>	0.52	
	<i>For 60 PSI Compressive Strength, Add</i>	0.83	
	<i>For 115 PSI Compressive Strength, Add</i>	3.59	
07 21 13 13-0019	SF 1/2" Thick, R2.5, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....	2.39	0.39
	<i>For Horizontal Surface Application, Deduct</i>	-0.07	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For 25 PSI Compressive Strength, Add</i>	0.28	
	<i>For 40 PSI Compressive Strength, Add</i>	0.66	
	<i>For 60 PSI Compressive Strength, Add</i>	1.04	
	<i>For 115 PSI Compressive Strength, Add</i>	4.51	
07 21 13 13-0020	SF 3/4" Thick, R3.7, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....	2.68	0.40
	<i>For Horizontal Surface Application, Deduct</i>	-0.07	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For 25 PSI Compressive Strength, Add</i>	0.32	
	<i>For 40 PSI Compressive Strength, Add</i>	0.77	
	<i>For 60 PSI Compressive Strength, Add</i>	1.20	
	<i>For 115 PSI Compressive Strength, Add</i>	5.26	
07 21 13 13-0021	SF 1" Thick, R5.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....	2.81	0.40
	<i>For Horizontal Surface Application, Deduct</i>	-0.07	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For 25 PSI Compressive Strength, Add</i>	0.34	
	<i>For 40 PSI Compressive Strength, Add</i>	0.81	
	<i>For 60 PSI Compressive Strength, Add</i>	1.27	
	<i>For 115 PSI Compressive Strength, Add</i>	5.57	
07 21 13 13-0022	SF 2" Thick, R10.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....	4.28	0.41
	<i>For Horizontal Surface Application, Deduct</i>	-0.07	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For 25 PSI Compressive Strength, Add</i>	0.58	
	<i>For 40 PSI Compressive Strength, Add</i>	1.37	
	<i>For 60 PSI Compressive Strength, Add</i>	2.12	
	<i>For 115 PSI Compressive Strength, Add</i>	9.32	
07 21 13 13-0023	SF 3" Thick, R15.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....	5.77	0.42
	<i>For Horizontal Surface Application, Deduct</i>	-0.07	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For 25 PSI Compressive Strength, Add</i>	0.81	
	<i>For 40 PSI Compressive Strength, Add</i>	1.93	
	<i>For 60 PSI Compressive Strength, Add</i>	2.98	
	<i>For 115 PSI Compressive Strength, Add</i>	13.10	
07 21 13 13-0024	SF 4" Thick, R20.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....	6.52	0.43
	<i>For Horizontal Surface Application, Deduct</i>	-0.07	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For 25 PSI Compressive Strength, Add</i>	0.93	
	<i>For 40 PSI Compressive Strength, Add</i>	2.20	
	<i>For 60 PSI Compressive Strength, Add</i>	3.40	
	<i>For 115 PSI Compressive Strength, Add</i>	14.98	

07 21 13 13-0025 Mechanically Fastened Foam Board Insulation (07 21 13 13)

Note: Mechanically fastened to wood or steel.

07 21 13 13-0026 Mechanically Fastened, Foam Glass (Cellular Glass), Foam Board Insulation (07 21 13 13-0025)

Note: Mechanically fastened to wood or steel.

07 21 13 13-0027	SF 1" Thick, R3.44, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened.....	3.94	0.40
	<i>For Horizontal Surface Application, Deduct</i>	-0.08	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.57	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.97	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.25	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.85	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.96	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.38	
07 21 13 13-0028	SF 1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened.....	5.69	0.40
	<i>For Horizontal Surface Application, Deduct</i>	-0.08	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.61	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.88	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.71	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.01	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.25	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.98	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.38	
07 21 13 13-0029	SF 2" Thick, R6.88, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened.....	6.82	0.41
	<i>For Horizontal Surface Application, Deduct</i>	-0.08	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.61	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.88	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.71	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.01	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.27	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.98	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0030	SF		2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened.....	9.13	0.42
			<i>For Horizontal Surface Application, Deduct</i>	-0.09	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.12	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.18	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.61	
07 21 13 13-0031			Mechanically Fastened, Expanded Polystyrene, Foam Board Insulation (07 21 13 13-0025)		
07 21 13 13-0032	SF		3/8" Thick, R1.44, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	1.57	0.39
			<i>For Horizontal Surface Application, Deduct</i>	-0.08	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.57	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.97	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.25	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.85	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.96	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.38	
07 21 13 13-0033	SF		1/2" Thick, R1.93, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	1.66	0.39
			<i>For Horizontal Surface Application, Deduct</i>	-0.08	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.57	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.97	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.25	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.85	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.96	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.38	
07 21 13 13-0034	SF		3/4" Thick, R2.89, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	1.93	0.40
			<i>For Horizontal Surface Application, Deduct</i>	-0.08	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.57	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.97	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.25	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.85	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.96	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.38	
07 21 13 13-0035	SF		1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	2.21	0.40
			<i>For Horizontal Surface Application, Deduct</i>	-0.08	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.57	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.97	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.25	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.85	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.96	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.38	
07 21 13 13-0036	SF		2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	3.37	0.41
			<i>For Horizontal Surface Application, Deduct</i>	-0.08	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.61	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.88	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.71	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.01	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.27	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.98	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.41	
07 21 13 13-0037	SF		3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	4.53	0.42
			<i>For Horizontal Surface Application, Deduct</i>	-0.09	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.12	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.18	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.61	
07 21 13 13-0038	SF		4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	5.72	0.43
			<i>For Horizontal Surface Application, Deduct</i>	-0.09	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.70	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.96	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.94	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.52	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.42	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.40	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.79	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 21 Thermal Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 21 13 13-0039	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	6.94	0.44
		<i>For Horizontal Surface Application, Deduct</i>	-0.09	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.75	
		<i>For Mechanically Fastened To Gypsum, Add</i>	2.21	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.12	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.44	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.64	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	7.46	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.66	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.97	
07 21 13 13-0040	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	8.52	0.45
		<i>For Horizontal Surface Application, Deduct</i>	-0.09	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.79	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.66	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.65	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.97	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.82	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.46	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.46	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	4.24	

07 21 13 13-0041 Mechanically Fastened, Extruded Polystyrene, Foam Board Insulation (07 21 13 13-0025)

Note: 15 PSI compressive strength. Mechanically fastened to wood or steel.

07 21 13 13-0042	SF	3/8" Thick, R1.9, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	1.83	0.39
		<i>For Horizontal Surface Application, Deduct</i>	-0.08	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
		<i>For 25 PSI Compressive Strength, Add</i>	0.17	
		<i>For 40 PSI Compressive Strength, Add</i>	0.40	
		<i>For 60 PSI Compressive Strength, Add</i>	0.64	
		<i>For 115 PSI Compressive Strength, Add</i>	2.75	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.57	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.97	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.25	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.85	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.96	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.38	
07 21 13 13-0043	SF	1/2" Thick, R2.5, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	2.19	0.39
		<i>For Horizontal Surface Application, Deduct</i>	-0.08	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
		<i>For 25 PSI Compressive Strength, Add</i>	0.22	
		<i>For 40 PSI Compressive Strength, Add</i>	0.53	
		<i>For 60 PSI Compressive Strength, Add</i>	0.85	
		<i>For 115 PSI Compressive Strength, Add</i>	3.68	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.57	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.97	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.25	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.85	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.96	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.38	
07 21 13 13-0044	SF	3/4" Thick, R3.7, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	2.48	0.40
		<i>For Horizontal Surface Application, Deduct</i>	-0.08	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
		<i>For 25 PSI Compressive Strength, Add</i>	0.27	
		<i>For 40 PSI Compressive Strength, Add</i>	0.64	
		<i>For 60 PSI Compressive Strength, Add</i>	1.02	
		<i>For 115 PSI Compressive Strength, Add</i>	4.42	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.57	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.97	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.25	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.85	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.96	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.38	
07 21 13 13-0045	SF	1" Thick, R5.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	2.60	0.40
		<i>For Horizontal Surface Application, Deduct</i>	-0.08	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
		<i>For 25 PSI Compressive Strength, Add</i>	0.29	
		<i>For 40 PSI Compressive Strength, Add</i>	0.68	
		<i>For 60 PSI Compressive Strength, Add</i>	1.08	
		<i>For 115 PSI Compressive Strength, Add</i>	4.71	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.57	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.97	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.25	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.85	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.96	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.38	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0046	SF	2" Thick, R10.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	.....	4.15	0.41
		<i>For Horizontal Surface Application, Deduct</i>		-0.08	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>		0.05	
		<i>For 25 PSI Compressive Strength, Add</i>		0.53	
		<i>For 40 PSI Compressive Strength, Add</i>		1.26	
		<i>For 60 PSI Compressive Strength, Add</i>		1.97	
		<i>For 115 PSI Compressive Strength, Add</i>		8.62	
		<i>For Mechanically Fastened To Concrete, Add</i>		1.61	
		<i>For Mechanically Fastened To Gypsum, Add</i>		1.88	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>		0.71	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>		2.01	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>		2.27	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>		1.06	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>		2.98	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>		3.41	
07 21 13 13-0047	SF	3" Thick, R15.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	.....	5.71	0.42
		<i>For Horizontal Surface Application, Deduct</i>		-0.09	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>		0.05	
		<i>For 25 PSI Compressive Strength, Add</i>		0.78	
		<i>For 40 PSI Compressive Strength, Add</i>		1.85	
		<i>For 60 PSI Compressive Strength, Add</i>		2.86	
		<i>For 115 PSI Compressive Strength, Add</i>		12.58	
		<i>For Mechanically Fastened To Concrete, Add</i>		1.66	
		<i>For Mechanically Fastened To Gypsum, Add</i>		1.95	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>		0.81	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>		2.12	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>		2.41	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>		1.21	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>		3.18	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>		3.61	
07 21 13 13-0048	SF	4" Thick, R20.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	.....	6.57	0.43
		<i>For Horizontal Surface Application, Deduct</i>		-0.09	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>		0.05	
		<i>For 25 PSI Compressive Strength, Add</i>		0.91	
		<i>For 40 PSI Compressive Strength, Add</i>		2.17	
		<i>For 60 PSI Compressive Strength, Add</i>		3.35	
		<i>For 115 PSI Compressive Strength, Add</i>		14.74	
		<i>For Mechanically Fastened To Concrete, Add</i>		1.70	
		<i>For Mechanically Fastened To Gypsum, Add</i>		1.96	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>		0.94	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>		2.26	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>		2.52	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>		1.42	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>		3.40	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>		3.79	
07 21 13 16		Fibrous Board Insulation (07 21 13)			
07 21 13 16-0001		Cold Adhesive Applied Fibrous Board Insulation (07 21 13 16)			
07 21 13 16-0002		Cold Adhesive Applied, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation (07 21 13 16-0001)			
07 21 13 16-0003	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	.....	2.61	0.50
		<i>For Horizontal Surface Application, Deduct</i>		-0.08	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>		0.05	
		<i>For Factory Painted On One Surface Add</i>		0.17	
07 21 13 16-0004	SF	2" Thick, R5.2, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	.....	3.88	0.60
		<i>For Horizontal Surface Application, Deduct</i>		-0.10	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>		0.05	
		<i>For Factory Painted On One Surface Add</i>		0.17	
07 21 13 16-0005	SF	3" Thick, R7.8, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	.....	5.14	0.70
		<i>For Horizontal Surface Application, Deduct</i>		-0.12	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>		0.05	
		<i>For Factory Painted On One Surface Add</i>		0.17	
07 21 13 16-0006		Cold Adhesive Applied, Fiberglass, Fibrous Board Insulation (07 21 13 16-0001)			
07 21 13 16-0007	SF	1" Thick, R4.2, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	.....	4.79	0.40
		<i>For Horizontal Surface Application, Deduct</i>		-0.07	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>		0.05	
		<i>For Factory Painted On One Surface Add</i>		0.17	
07 21 13 16-0008	SF	1-1/2" Thick, R6.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	.....	5.47	0.40
		<i>For Horizontal Surface Application, Deduct</i>		-0.07	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>		0.05	
		<i>For Factory Painted On One Surface Add</i>		0.17	
07 21 13 16-0009	SF	2" Thick, R8.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	.....	6.77	0.41
		<i>For Horizontal Surface Application, Deduct</i>		-0.07	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>		0.05	
		<i>For Factory Painted On One Surface Add</i>		0.17	
07 21 13 16-0010	SF	2-1/2" Thick, R10.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	.....	7.82	0.41
		<i>For Horizontal Surface Application, Deduct</i>		-0.07	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>		0.05	
		<i>For Factory Painted On One Surface Add</i>		0.17	
07 21 13 16-0011	SF	3" Thick, R12.4, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	.....	8.86	0.42
		<i>For Horizontal Surface Application, Deduct</i>		-0.07	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>		0.05	
		<i>For Factory Painted On One Surface Add</i>		0.17	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 21 Thermal Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 21 13 16-0012	Mechanically Fastened Fibrous Board Insulation (07 21 13 16) Note: Mechanically fastened to wood or steel.		
07 21 13 16-0013	Mechanically Fastened, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation (07 21 13 16-0012) Note: Mechanically fastened to wood or steel.		
07 21 13 16-0014	SF 1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened.....	2.27	0.50
	For Horizontal Surface Application, Deduct	-0.08	
	For Vapor Barrier, Integral With Insulation, Add	0.05	
	For Factory Painted On One Surface Add	0.17	
	For Mechanically Fastened To Concrete, Add	1.56	
	For Mechanically Fastened To Gypsum, Add	1.92	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.57	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.97	
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.25	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.85	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.96	
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.38	
07 21 13 16-0015	SF 2" Thick, R5.2, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened.....	3.60	0.60
	For Horizontal Surface Application, Deduct	-0.10	
	For Vapor Barrier, Integral With Insulation, Add	0.05	
	For Factory Painted On One Surface Add	0.17	
	For Mechanically Fastened To Concrete, Add	1.61	
	For Mechanically Fastened To Gypsum, Add	1.88	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.71	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.01	
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.27	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.06	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.98	
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.41	
07 21 13 16-0016	SF 3" Thick, R7.8, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened.....	4.93	0.70
	For Horizontal Surface Application, Deduct	-0.12	
	For Vapor Barrier, Integral With Insulation, Add	0.05	
	For Factory Painted On One Surface Add	0.17	
	For Mechanically Fastened To Concrete, Add	1.66	
	For Mechanically Fastened To Gypsum, Add	1.95	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.81	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.12	
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.41	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.21	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.18	
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.61	
07 21 13 16-0017	Mechanically Fastened, Fiberglass, Fibrous Board Insulation (07 21 13 16-0012) Note: Mechanically fastened to wood or steel.		
07 21 13 16-0018	SF 1" Thick, R4.2, Fiberglass, Fibrous Board Insulation, Mechanically Fastened.....	4.58	0.40
	For Horizontal Surface Application, Deduct	-0.08	
	For Vapor Barrier, Integral With Insulation, Add	0.05	
	For Factory Painted On One Surface Add	0.17	
	For Mechanically Fastened To Concrete, Add	1.56	
	For Mechanically Fastened To Gypsum, Add	1.92	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.57	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.97	
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.25	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.85	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.96	
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.38	
07 21 13 16-0019	SF 1-1/2" Thick, R6.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened.....	5.35	0.40
	For Horizontal Surface Application, Deduct	-0.08	
	For Vapor Barrier, Integral With Insulation, Add	0.05	
	For Factory Painted On One Surface Add	0.17	
	For Mechanically Fastened To Concrete, Add	1.61	
	For Mechanically Fastened To Gypsum, Add	1.88	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.71	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.01	
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.25	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.06	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.98	
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.38	
07 21 13 16-0020	SF 2" Thick, R8.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened.....	6.64	0.41
	For Horizontal Surface Application, Deduct	-0.08	
	For Vapor Barrier, Integral With Insulation, Add	0.05	
	For Factory Painted On One Surface Add	0.17	
	For Mechanically Fastened To Concrete, Add	1.61	
	For Mechanically Fastened To Gypsum, Add	1.88	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.71	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.01	
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.27	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.06	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.98	
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 21 13 16-0021	SF		2-1/2" Thick, R10.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	7.76	0.41
			<i>For Horizontal Surface Application, Deduct</i>	-0.08	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.12	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.18	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.91	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.37	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.56	
07 21 13 16-0022	SF		3" Thick, R12.4, Fiberglass, Fibrous Board Insulation, Mechanically Fastened.....	8.80	0.42
			<i>For Horizontal Surface Application, Deduct</i>	-0.09	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.12	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.18	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.61	

07 21 13 19 Mineral Board Insulation (07 21 13)

07 21 13 19-0001			Cold Adhesive Applied Mineral Board Insulation (07 21 13 19)		
07 21 13 19-0002			Cold Adhesive Applied, High-Density Fiberboard, Mineral Board Insulation <small>(07 21 13 19-0001)</small>		
07 21 13 19-0003	SF		1/2" Thick, R1.3, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	1.96	0.45
			<i>For Horizontal Surface Application, Deduct</i>	-0.08	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
07 21 13 19-0004	SF		25/32" Thick, R1.9, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	2.34	0.47
			<i>For Horizontal Surface Application, Deduct</i>	-0.08	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
07 21 13 19-0005	SF		1" Thick, R2.5, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	2.74	0.50
			<i>For Horizontal Surface Application, Deduct</i>	-0.08	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
07 21 13 19-0006	SF		1-1/2" Thick, R3.8, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	3.45	0.55
			<i>For Horizontal Surface Application, Deduct</i>	-0.09	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
07 21 13 19-0007	SF		2" Thick, R5.0, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	4.14	0.60
			<i>For Horizontal Surface Application, Deduct</i>	-0.10	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
07 21 13 19-0008	SF		3" Thick, R7.5, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	5.54	0.70
			<i>For Horizontal Surface Application, Deduct</i>	-0.12	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	

07 21 13 19-0009 Mechanically Fastened Mineral Board Insulation (07 21 13 19)
 Note: Mechanically fastened to wood or steel.

07 21 13 19-0010			Mechanically Fastened, High-Density Fiberboard, Mineral Board Insulation <small>(07 21 13 19-0009)</small>		
			Note: Mechanically fastened to wood or steel.		
07 21 13 19-0011	SF		1/2" Thick, R1.3, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....	1.62	0.45
			<i>For Horizontal Surface Application, Deduct</i>	-0.08	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.57	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.97	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.25	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.85	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.96	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.38	
07 21 13 19-0012	SF		25/32" Thick, R1.9, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....	2.01	0.47
			<i>For Horizontal Surface Application, Deduct</i>	-0.08	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.57	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.97	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.25	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.85	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.96	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.38	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 21 Thermal Insulation**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 21 13 19-0013	SF 1" Thick, R2.5, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....	2.41	0.50
	<i>For Horizontal Surface Application, Deduct</i>	-0.08	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Factory Painted On One Surface Add</i>	0.17	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.57	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.97	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.25	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.85	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.96	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.38	
07 21 13 19-0014	SF 1-1/2" Thick, R3.8, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....	3.17	0.55
	<i>For Horizontal Surface Application, Deduct</i>	-0.09	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Factory Painted On One Surface Add</i>	0.17	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.61	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.88	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.71	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.01	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.25	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.98	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.38	
07 21 13 19-0015	SF 2" Thick, R5.0, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....	3.87	0.60
	<i>For Horizontal Surface Application, Deduct</i>	-0.10	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Factory Painted On One Surface Add</i>	0.17	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.61	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.88	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.71	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.01	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.27	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.98	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.41	
07 21 13 19-0016	SF 3" Thick, R7.5, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....	5.33	0.70
	<i>For Horizontal Surface Application, Deduct</i>	-0.12	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Factory Painted On One Surface Add</i>	0.17	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.12	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.18	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.61	

07 21 16 Blanket Insulation (07 21)

Note: All insulation rolls or batts applied to wood or steel studs or between rafters or between metal building "skin" and framing.

07 21 16 00-0001 Fiberglass Flexible Insulation (07 21 16)

Note: Rolls or batts.

07 21 16 00-0002 Kraft Faced, Fiberglass Flexible Insulation (07 21 16 00-0001)

07 21 16 00-0003	SF 3-1/2" Thick, Kraft Faced, R-11 Fiberglass Flexible Insulation.....	1.69	0.46
	<i>For >1,600, Deduct</i>	-0.20	
07 21 16 00-0004	SF 3-1/2" Thick, Kraft Faced, R-13 Fiberglass Flexible Insulation.....	1.85	0.46
	<i>For >1,600, Deduct</i>	-0.23	
07 21 16 00-0005	SF 3-1/2" Thick, Kraft Faced, R-15 Fiberglass Flexible Insulation.....	1.90	0.46
	<i>For >1,600, Deduct</i>	-0.24	
07 21 16 00-0006	SF 5-1/2" Thick, Kraft Faced, R-21 Fiberglass Flexible Insulation.....	2.62	0.46
	<i>For >1,600, Deduct</i>	-0.38	
07 21 16 00-0007	SF 6-1/4" Thick, Kraft Faced, R-19 Fiberglass Flexible Insulation.....	2.17	0.46
	<i>For >1,600, Deduct</i>	-0.29	
07 21 16 00-0008	SF 9-1/2" Thick, Kraft Faced, R-30 Fiberglass Flexible Insulation.....	3.09	0.58
	<i>For >1,600, Deduct</i>	-0.45	
07 21 16 00-0009	SF 12" Thick, Kraft Faced, R-38 Fiberglass Flexible Insulation.....	3.49	0.58
	<i>For >1,600, Deduct</i>	-0.50	

07 21 16 00-0010 Unfaced, Fiberglass Flexible Insulation (07 21 16 00-0001)

07 21 16 00-0011	SF 3-1/2" Thick, Unfaced, R-11 Fiberglass Flexible Insulation.....	1.59	0.46
	<i>For >1,600, Deduct</i>	-0.18	
07 21 16 00-0012	SF 3-1/2" Thick, Unfaced, R-13 Fiberglass Flexible Insulation.....	1.77	0.46
	<i>For >1,600, Deduct</i>	-0.22	
07 21 16 00-0013	SF 3-1/2" Thick, Unfaced, R-15 Fiberglass Flexible Insulation.....	2.45	0.46
	<i>For >1,600, Deduct</i>	-0.35	
07 21 16 00-0014	SF 5-1/2" Thick, Unfaced, R-21 Fiberglass Flexible Insulation.....	2.51	0.46
	<i>For >1,600, Deduct</i>	-0.36	
07 21 16 00-0015	SF 6-1/4" Thick, Unfaced, R-19 Fiberglass Flexible Insulation.....	2.09	0.46
	<i>For >1,600, Deduct</i>	-0.27	
07 21 16 00-0016	SF 9-1/2" Thick, Unfaced, R-30 Fiberglass Flexible Insulation.....	2.88	0.58
	<i>For >1,600, Deduct</i>	-0.41	
07 21 16 00-0017	SF 12" Thick, Unfaced, R-38 Fiberglass Flexible Insulation.....	3.36	0.58
	<i>For >1,600, Deduct</i>	-0.48	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 21 16 00-0018			Foil Faced, Fiberglass Flexible Insulation (07 21 16 00-0001)		
07 21 16 00-0019	SF		3-1/2" Thick, Foil Faced, R-11 Fiberglass Flexible Insulation	1.98	0.46
			For >1,600, Deduct	-0.26	
07 21 16 00-0020	SF		3-1/2" Thick, Foil Faced, R-13 Fiberglass Flexible Insulation	2.24	0.46
			For >1,600, Deduct	-0.31	
07 21 16 00-0021	SF		6-1/4" Thick, Foil Faced, R-19 Fiberglass Flexible Insulation	2.53	0.46
			For >1,600, Deduct	-0.36	
07 21 16 00-0022	SF		10-1/4" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation	3.63	0.58
			For >1,600, Deduct	-0.54	
07 21 16 00-0023	SF		12" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation	3.99	0.58
			For >1,600, Deduct	-0.60	

07 21 16 00-0024			Poly-Encapsulated, Fiberglass Flexible Insulation (07 21 16 00-0001)		
07 21 16 00-0025	SF		3-1/2" Thick, Poly-Encapsulated, R-11 Fiberglass Flexible Insulation	1.75	0.46
			For >1,600, Deduct	-0.21	
07 21 16 00-0026	SF		3-1/2" Thick, Poly-Encapsulated, R-13 Fiberglass Flexible Insulation	1.90	0.46
			For >1,600, Deduct	-0.24	
07 21 16 00-0027	SF		5-1/2" Thick, Poly-Encapsulated, R-21 Fiberglass Flexible Insulation	2.72	0.46
			For >1,600, Deduct	-0.40	
07 21 16 00-0028	SF		6-1/2" Thick, Poly-Encapsulated, R-19 Fiberglass Flexible Insulation	2.19	0.46
			For >1,600, Deduct	-0.29	
07 21 16 00-0029	SF		8-1/4" Thick, Poly-Encapsulated, R-25 Fiberglass Flexible Insulation	3.02	0.58
			For >1,600, Deduct	-0.45	
07 21 16 00-0030	SF		10-1/4" Thick, Poly-Encapsulated, R-30 Fiberglass Flexible Insulation	3.36	0.58
			For >1,600, Deduct	-0.48	

07 21 16 00-0031			Mineral Wool Flexible Insulation (07 21 16)		
07 21 16 00-0032			Kraft Faced, Mineral Wool Flexible Insulation (07 21 16 00-0031)		
07 21 16 00-0033	SF		3-1/2" Kraft Faced, R-11 Mineral Wool Flexible Insulation.....	1.93	0.46
			For >1,600, Deduct	-0.25	
07 21 16 00-0034	SF		6-1/4" Kraft Faced, R-19 Mineral Wool Flexible Insulation.....	2.65	0.46
			For >1,600, Deduct	-0.38	
07 21 16 00-0035	SF		9-1/2" Kraft Faced, R-30 Mineral Wool Flexible Insulation.....	4.26	0.46
			For >1,600, Deduct	-0.68	
07 21 16 00-0036	SF		12" Kraft Faced, R-38 Mineral Wool Flexible Insulation.....	5.09	0.46
			For >1,600, Deduct	-0.82	

07 21 16 00-0037			Unfaced, Mineral Wool Flexible Insulation (07 21 16 00-0031)		
07 21 16 00-0038	SF		3-1/2" Unfaced, R-11 Mineral Wool Flexible Insulation.....	1.78	0.46
			For >1,600, Deduct	-0.22	
07 21 16 00-0039	SF		6-1/4" Unfaced, R-19 Mineral Wool Flexible Insulation.....	2.40	0.46
			For >1,600, Deduct	-0.33	
07 21 16 00-0040	SF		9-1/2" Unfaced, R-30 Mineral Wool Flexible Insulation.....	3.79	0.46
			For >1,600, Deduct	-0.59	
07 21 16 00-0041	SF		12" Unfaced, R-38 Mineral Wool Flexible Insulation	4.52	0.46
			For >1,600, Deduct	-0.71	

07 21 16 00-0042			Natural Cotton Insulation (07 21 16)		
07 21 16 00-0043			UltraTouch™ Natural Cotton Insulation (07 21 16 00-0042)		
			Note: 85% recycled denim cotton.		
07 21 16 00-0044	SF		3-1/2", R-13 UltraTouch™ Natural Cotton Insulation	2.75	0.46
			For >1,600, Deduct	-0.41	
07 21 16 00-0045	SF		5-1/2", R-19 UltraTouch™ Natural Cotton Insulation	3.09	0.46
			For >1,600, Deduct	-0.48	
07 21 16 00-0046	SF		5-1/2", R-21 UltraTouch™ Natural Cotton Insulation	3.49	0.46
			For >1,600, Deduct	-0.56	
07 21 16 00-0047	SF		8", R-30 UltraTouch™ Natural Cotton Insulation	4.72	0.46
			For >1,600, Deduct	-0.79	

07 21 19			Foamed-In-Place Insulation (07 21)		
07 21 19 00-0001			Polyurethane Foam Insulation, Sprayed On (07 21 19)		
07 21 19 00-0002	EA		Foamed-In-Place, Spray Polyurethane Insulation Minimum Charge	1,383.36	
			Note: For projects where the total foamed-in-place insulation charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
07 21 19 00-0003	SF		1" Thick, R3.8, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	1.44	
			For Up To 250 SF, Add	0.54	
			For >250 To 500 SF, Add	0.27	
			For >500 To 1,000 SF, Add	0.11	
			For >5,000 To 10,000 SF, Deduct	-0.17	
			For >10,000 SF, Deduct	-0.43	
07 21 19 00-0004	SF		1-1/2" Thick, R5.7, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	1.95	
			For Up To 250 SF, Add	0.71	
			For >250 To 500 SF, Add	0.35	
			For >500 To 1,000 SF, Add	0.15	
			For >5,000 To 10,000 SF, Deduct	-0.23	
			For >10,000 SF, Deduct	-0.56	

07 Thermal And Moisture Protection

07 20 Thermal Protection

07 21 Thermal Insulation

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 21 19 00-0005	SF	2" Thick, R7.6, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	2.46	
		<i>For Up To 250 SF, Add</i>	0.87	
		<i>For >250 To 500 SF, Add</i>	0.44	
		<i>For >500 To 1,000 SF, Add</i>	0.19	
		<i>For >5,000 To 10,000 SF, Deduct</i>	-0.28	
		<i>For >10,000 SF, Deduct</i>	-0.69	
07 21 19 00-0006	SF	2-1/2" Thick, R9.5, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	2.97	
		<i>For Up To 250 SF, Add</i>	1.04	
		<i>For >250 To 500 SF, Add</i>	0.52	
		<i>For >500 To 1,000 SF, Add</i>	0.22	
		<i>For >5,000 To 10,000 SF, Deduct</i>	-0.33	
		<i>For >10,000 SF, Deduct</i>	-0.82	
07 21 19 00-0007	SF	3" Thick, R11.4, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	3.48	
		<i>For Up To 250 SF, Add</i>	1.20	
		<i>For >250 To 500 SF, Add</i>	0.60	
		<i>For >500 To 1,000 SF, Add</i>	0.26	
		<i>For >5,000 To 10,000 SF, Deduct</i>	-0.39	
		<i>For >10,000 SF, Deduct</i>	-0.94	
07 21 19 00-0008	SF	3-1/2" Thick, R13.3, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	3.99	
		<i>For Up To 250 SF, Add</i>	1.37	
		<i>For >250 To 500 SF, Add</i>	0.68	
		<i>For >500 To 1,000 SF, Add</i>	0.29	
		<i>For >5,000 To 10,000 SF, Deduct</i>	-0.44	
		<i>For >10,000 SF, Deduct</i>	-1.07	
07 21 19 00-0009	SF	4" Thick, R15.2, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	4.49	
		<i>For Up To 250 SF, Add</i>	1.53	
		<i>For >250 To 500 SF, Add</i>	0.77	
		<i>For >500 To 1,000 SF, Add</i>	0.33	
		<i>For >5,000 To 10,000 SF, Deduct</i>	-0.50	
		<i>For >10,000 SF, Deduct</i>	-1.20	
07 21 19 00-0010	SF	4-1/2" Thick, R17.1, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	4.99	
		<i>For Up To 250 SF, Add</i>	1.69	
		<i>For >250 To 500 SF, Add</i>	0.85	
		<i>For >500 To 1,000 SF, Add</i>	0.37	
		<i>For >5,000 To 10,000 SF, Deduct</i>	-0.55	
		<i>For >10,000 SF, Deduct</i>	-1.33	
07 21 19 00-0011	SF	5" Thick, R19.0, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	5.50	
		<i>For Up To 250 SF, Add</i>	1.86	
		<i>For >250 To 500 SF, Add</i>	0.93	
		<i>For >500 To 1,000 SF, Add</i>	0.40	
		<i>For >5,000 To 10,000 SF, Deduct</i>	-0.60	
		<i>For >10,000 SF, Deduct</i>	-1.46	
07 21 19 00-0012	SF	5-1/2" Thick, R20.9, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	6.02	
		<i>For Up To 250 SF, Add</i>	2.03	
		<i>For >250 To 500 SF, Add</i>	1.01	
		<i>For >500 To 1,000 SF, Add</i>	0.44	
		<i>For >5,000 To 10,000 SF, Deduct</i>	-0.66	
		<i>For >10,000 SF, Deduct</i>	-1.59	
07 21 19 00-0013	SF	6" Thick, R22.8, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	6.53	
		<i>For Up To 250 SF, Add</i>	2.19	
		<i>For >250 To 500 SF, Add</i>	1.10	
		<i>For >500 To 1,000 SF, Add</i>	0.47	
		<i>For >5,000 To 10,000 SF, Deduct</i>	-0.71	
		<i>For >10,000 SF, Deduct</i>	-1.72	
07 21 19 00-0014	SF	1" Thick, R6.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	2.77	
		<i>For Up To 250 SF, Add</i>	1.03	
		<i>For >250 To 500 SF, Add</i>	0.51	
		<i>For >500 To 1,000 SF, Add</i>	0.22	
		<i>For >5,000 To 10,000 SF, Deduct</i>	-0.33	
		<i>For >10,000 SF, Deduct</i>	-0.81	
07 21 19 00-0015	SF	1-1/2" Thick, R9.75, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	3.69	
		<i>For Up To 250 SF, Add</i>	1.31	
		<i>For >250 To 500 SF, Add</i>	0.65	
		<i>For >500 To 1,000 SF, Add</i>	0.28	
		<i>For >5,000 To 10,000 SF, Deduct</i>	-0.42	
		<i>For >10,000 SF, Deduct</i>	-1.03	
07 21 19 00-0016	SF	2" Thick, R13.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	4.49	
		<i>For Up To 250 SF, Add</i>	1.53	
		<i>For >250 To 500 SF, Add</i>	0.77	
		<i>For >500 To 1,000 SF, Add</i>	0.33	
		<i>For >5,000 To 10,000 SF, Deduct</i>	-0.50	
		<i>For >10,000 SF, Deduct</i>	-1.20	
07 21 19 00-0017	SF	2-1/2" Thick, R16.25, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	5.40	
		<i>For Up To 250 SF, Add</i>	1.81	
		<i>For >250 To 500 SF, Add</i>	0.90	
		<i>For >500 To 1,000 SF, Add</i>	0.39	
		<i>For >5,000 To 10,000 SF, Deduct</i>	-0.59	
		<i>For >10,000 SF, Deduct</i>	-1.42	
07 21 19 00-0018	SF	3" Thick, R19.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	6.21	
		<i>For Up To 250 SF, Add</i>	2.03	
		<i>For >250 To 500 SF, Add</i>	1.02	
		<i>For >500 To 1,000 SF, Add</i>	0.44	
		<i>For >5,000 To 10,000 SF, Deduct</i>	-0.66	
		<i>For >10,000 SF, Deduct</i>	-1.59	
07 21 19 00-0019	SF	3-1/2" Thick, R22.75, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	7.12	
		<i>For Up To 250 SF, Add</i>	2.31	
		<i>For >250 To 500 SF, Add</i>	1.15	
		<i>For >500 To 1,000 SF, Add</i>	0.50	
		<i>For >5,000 To 10,000 SF, Deduct</i>	-0.76	
		<i>For >10,000 SF, Deduct</i>	-1.81	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 19 00-0020	SF		4" Thick, R26.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	7.93	
			For Up To 250 SF, Add	2.53	
			For >250 To 500 SF, Add	1.27	
			For >500 To 1,000 SF, Add	0.55	
			For >5,000 To 10,000 SF, Deduct	-0.83	
			For >10,000 SF, Deduct	-1.98	
07 21 19 00-0021	SF		4-1/2" Thick, R29.25, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	8.84	
			For Up To 250 SF, Add	2.81	
			For >250 To 500 SF, Add	1.41	
			For >500 To 1,000 SF, Add	0.62	
			For >5,000 To 10,000 SF, Deduct	-0.92	
			For >10,000 SF, Deduct	-2.20	
07 21 19 00-0022	SF		5" Thick, R32.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	9.65	
			For Up To 250 SF, Add	3.04	
			For >250 To 500 SF, Add	1.52	
			For >500 To 1,000 SF, Add	0.67	
			For >5,000 To 10,000 SF, Deduct	-1.00	
			For >10,000 SF, Deduct	-2.37	
07 21 19 00-0023	SF		5-1/2" Thick, R35.75, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	10.55	
			For Up To 250 SF, Add	3.31	
			For >250 To 500 SF, Add	1.66	
			For >500 To 1,000 SF, Add	0.73	
			For >5,000 To 10,000 SF, Deduct	-1.09	
			For >10,000 SF, Deduct	-2.58	
07 21 19 00-0024	SF		6" Thick, R39.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	11.36	
			For Up To 250 SF, Add	3.54	
			For >250 To 500 SF, Add	1.77	
			For >500 To 1,000 SF, Add	0.78	
			For >5,000 To 10,000 SF, Deduct	-1.17	
			For >10,000 SF, Deduct	-2.76	
07 21 19 00-0025			Expanding Foam Insulation To Fill Hollow Metal Door Frames (07 21 19)		
07 21 19 00-0026	LF		Expanding Foam Insulation To Fill 4-3/4" Deep Hollow Metal Door Frame	4.86	
07 21 19 00-0027	LF		Expanding Foam Insulation To Fill 5-3/4" Deep Hollow Metal Door Frame	6.06	
07 21 19 00-0028	LF		Expanding Foam Insulation To Fill 6-3/4" Deep Hollow Metal Door Frame	7.28	
07 21 19 00-0029	LF		Expanding Foam Insulation To Fill 6-3/4" Through 8-3/4" Deep Hollow Metal Door Frame	8.53	
07 21 19 00-0030	LF		Expanding Foam Insulation To Fill 8-7/8" Through 13" Deep Hollow Metal Door Frame.....	9.88	
07 21 19 00-0031			Expanding Foam Insulation To Fill Window Frames (07 21 19)		
07 21 19 00-0032	LF		Expanding Foam Insulation To Fill Window Frame.....	4.75	
07 21 23			Loose-Fill Insulation (07 21)		
07 21 23 00-0001			Poured Type, Loose Fill Insulation (07 21 23)		
07 21 23 00-0002	CF		R-4/Inch, Poured Type, Fiberglass Loose Fill Insulation.....	6.82	2.67
07 21 23 00-0003	CF		R-3.8/Inch, Poured Type, Cellulose Loose Fill Insulation	7.08	2.67
07 21 23 00-0004			Concrete Block Wall Cavity Insulation (07 21 23)		
07 21 23 00-0005	CF		R-2.7, Vermiculite Or Perlite, Concrete Block Wall Cavity Insulation.....	10.90	2.67
07 21 23 00-0006	CF		R-4, Polystyrene Foam, Concrete Block Wall Cavity Insulation.....	10.79	2.67
07 21 26			Blown Insulation (07 21)		
07 21 26 00-0001			Fiberglass Blown-In Insulation (07 21 26)		
07 21 26 00-0002			Attic, Fiberglass Blown-In Insulation (07 21 26 00-0001)		
07 21 26 00-0003	SF		4-1/2" Thick, R-11 Attic, Fiberglass Blown In Insulation.....	1.44	1.17
07 21 26 00-0004	SF		5-1/4" Thick, R-13 Attic, Fiberglass Blown In Insulation.....	1.60	1.28
07 21 26 00-0005	SF		6-1/2" Thick, R-17 Attic, Fiberglass Blown In Insulation.....	1.77	1.39
07 21 26 00-0006	SF		7-1/2" Thick, R-19 Attic, Fiberglass Blown In Insulation.....	1.99	1.52
07 21 26 00-0007	SF		8-1/2" Thick, R-22 Attic, Fiberglass Blown In Insulation.....	2.11	1.57
07 21 26 00-0008	SF		10-1/4" Thick, R-26 Attic, Fiberglass Blown In Insulation.....	2.28	1.63
07 21 26 00-0009	SF		11-1/2" Thick, R-30 Attic, Fiberglass Blown In Insulation.....	2.45	1.69
07 21 26 00-0010	SF		12-1/2" Thick, R-32 Attic, Fiberglass Blown In Insulation.....	2.56	1.74
07 21 26 00-0011	SF		13-1/2" Thick, R-35 Attic, Fiberglass Blown In Insulation.....	2.76	1.87
07 21 26 00-0012	SF		14-1/2" Thick, R-38 Attic, Fiberglass Blown In Insulation.....	2.90	1.92
07 21 26 00-0013	SF		16-1/2" Thick, R-44 Attic, Fiberglass Blown In Insulation.....	3.12	1.98
07 21 26 00-0014	SF		18-1/2" Thick, R-49 Attic, Fiberglass Blown In Insulation.....	3.39	2.10
07 21 26 00-0015	SF		21-3/4" Thick, R-60 Attic, Fiberglass Blown In Insulation.....	3.92	2.33
07 21 26 00-0016			New Wall, Fiberglass Blown-In Insulation (07 21 26 00-0001)		
07 21 26 00-0017	SF		3-1/2" Thick, R-15 New Wall, Fiberglass Blown In Insulation	2.15	1.17
07 21 26 00-0018	SF		5-1/2" Thick, R-23 New Wall, Fiberglass Blown In Insulation	2.83	1.39
07 21 26 00-0019	SF		7-1/4" Thick, R-31 New Wall, Fiberglass Blown In Insulation	3.36	1.52
07 21 26 00-0020	SF		9-1/4" Thick, R-39 New Wall, Fiberglass Blown In Insulation	3.97	1.63
07 21 26 00-0021			Existing Wall, Fiberglass Blown-In Insulation (07 21 26 00-0001)		
			Note: Includes drilling. Excludes patching.		
07 21 26 00-0022	SF		3-1/2" Thick, R-15 Existing Wall, Fiberglass Blown In Insulation	2.00	1.17
07 21 26 00-0023	SF		5-1/2" Thick, R-23 Existing Wall, Fiberglass Blown In Insulation	2.68	1.39

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 21 Thermal Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 21 26 00-0024	SF	7-1/4" Thick, R-31 Existing Wall, Fiberglass Blown In Insulation	3.21	1.52
07 21 26 00-0025	SF	9-1/4" Thick, R-39 Existing Wall, Fiberglass Blown In Insulation	3.82	1.63

07 21 26 00-0026 Cellulose Blown-In Insulation (07 21 26)**07 21 26 00-0027 Attic, Cellulose Blown-In Insulation (07 21 26 00-0026)**

07 21 26 00-0028	SF	3-3/4" Thick, R-13 Attic, Cellulose Blown In Insulation	1.48	1.17
07 21 26 00-0029	SF	5-1/2" Thick, R-19 Attic, Cellulose Blown In Insulation	1.76	1.28
07 21 26 00-0030	SF	6-1/4" Thick, R-22 Attic, Cellulose Blown In Insulation	1.95	1.39
07 21 26 00-0031	SF	7-3/4" Thick, R-28 Attic, Cellulose Blown In Insulation	2.27	1.52
07 21 26 00-0032	SF	8-1/2" Thick, R-30 Attic, Cellulose Blown In Insulation	2.31	1.52
07 21 26 00-0033	SF	10-3/4" Thick, R-38 Attic, Cellulose Blown In Insulation	2.67	1.63
07 21 26 00-0034	SF	11-1/4" Thick, R-40 Attic, Cellulose Blown In Insulation	2.73	1.63
07 21 26 00-0035	SF	12-1/2" Thick, R-45 Attic, Cellulose Blown In Insulation	2.98	1.74
07 21 26 00-0036	SF	13-3/4" Thick, R-50 Attic, Cellulose Blown In Insulation	3.16	1.74
07 21 26 00-0037	SF	15-1/2" Thick, R-55 Attic, Cellulose Blown In Insulation	3.43	1.87
07 21 26 00-0038	SF	16-1/2" Thick, R-60 Attic, Cellulose Blown In Insulation	3.59	1.87

07 21 26 00-0039 New Wall, Cellulose Blown-In Insulation (07 21 26 00-0026)

07 21 26 00-0040	SF	3-1/2" Thick, R-13 New Wall, Cellulose Blown In Insulation	1.99	1.17
07 21 26 00-0041	SF	5-1/2" Thick, R-20 New Wall, Cellulose Blown In Insulation	2.59	1.39
07 21 26 00-0042	SF	7-1/4" Thick, R-27 New Wall, Cellulose Blown In Insulation	3.03	1.52
07 21 26 00-0043	SF	9-1/4" Thick, R-34 New Wall, Cellulose Blown In Insulation	3.54	1.63

07 21 26 00-0044 Existing Wall, Cellulose Blown-In Insulation (07 21 26 00-0026)

Note: Includes drilling. Excludes patching.

07 21 26 00-0045	SF	3-1/2" Thick, R-13 Existing Wall, Cellulose Blown In Insulation	1.83	1.17
07 21 26 00-0046	SF	5-1/2" Thick, R-20 Existing Wall, Cellulose Blown In Insulation	2.44	1.39
07 21 26 00-0047	SF	7-1/4" Thick, R-27 Existing Wall, Cellulose Blown In Insulation	2.88	1.52
07 21 26 00-0048	SF	9-1/4" Thick, R-34 Existing Wall, Cellulose Blown In Insulation	3.39	1.63

07 21 29 Sprayed Insulation (07 21)**07 21 29 00-0001 Fiber Sprayed On Insulation (07 21 29)**

Note: Per each 1" of thickness.

07 21 29 00-0002	SF	1" Thick, R2.7, Spray-on Perlite Insulation	2.74	0.69
07 21 29 00-0003	SF	1" Thick, R3.7, Spray-on Fibrous/Cementitious Insulation	1.98	0.69

07 21 29 00-0004 Cellulose Sprayed On Insulation (07 21 29)

07 21 29 00-0005	SF	1" Thick, Spray-on Cellulose Insulation	4.12	0.69
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07 21 53 Reflective Insulation (07 21)**07 21 53 00-0001 Reflective Barrier Insulation (Foil - Single Bubble - Foil) (07 21 53)**

07 21 53 00-0002	SF	3/16" Nominal Thickness, Reflective Barrier Insulation, With Single Bubble Air Space	1.14	
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07 22 Roof and Deck Insulation (07 20)**07 22 16 Roof Board Insulation (07 22)**

Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements. Types are stock sizes set in cold applied adhesive. Apply modifiers for specified alternate attachment.

07 22 16 00-0001 Rigid Board Roofing Insulation (07 22 16)

Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements. See CSI section 07 22 16 00-0466 for demolition of insulation board.

07 22 16 00-0002 Cold Adhesive Applied Rigid Board Roofing Insulation (07 22 16 00-0001)**07 22 16 00-0003 Cold Adhesive Applied, High-Density Fiberboard, Roof Board Insulation (07 22 16 00-0002)**

07 22 16 00-0004	SF	1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	2.47	
07 22 16 00-0005	SF	25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	2.89	
07 22 16 00-0006	SF	1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	3.31	
07 22 16 00-0007	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	4.07	
07 22 16 00-0008	SF	2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	4.82	

07 22 16 00-0009 Cold Adhesive Applied, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation (07 22 16 00-0002)

07 22 16 00-0010	SF	1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Cold Adhesive Applied	2.67	
07 22 16 00-0011	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Cold Adhesive Applied	3.18	

07 22 16 00-0012 Cold Adhesive Applied, Perlite, Roof Board Insulation (07 22 16 00-0002)

07 22 16 00-0013	SF	1/2" Thick, R1.32, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.40	
07 22 16 00-0014	SF	1/2" Thick, R1.32, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.40	
07 22 16 00-0015	SF	3/4" Thick, R2.08, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.66	
07 22 16 00-0016	SF	1" Thick, R2.78, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.96	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 22 16 00-0017	SF		1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Cold Adhesive Applied.....	3.69	
07 22 16 00-0018	SF		2" Thick, R5.56, Perlite, Roof Board Insulation, Cold Adhesive Applied.....	4.16	
07 22 16 00-0019			Cold Adhesive Applied, Basalt Mineral Wool, Roof Board Insulation (07 22 16 00-0002)		
07 22 16 00-0020	SF		1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied	3.36	
07 22 16 00-0021	SF		2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied	4.53	
07 22 16 00-0022	SF		3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied	5.90	
07 22 16 00-0023			Cold Adhesive Applied, Foam Glass (Cellular Glass), Roof Board Insulation (07 22 16 00-0002)		
07 22 16 00-0024	SF		1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	6.28	
07 22 16 00-0025	SF		2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	7.42	
07 22 16 00-0026	SF		2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	9.67	
07 22 16 00-0027	SF		3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied.....	12.21	
07 22 16 00-0028			Cold Adhesive Applied, Molded Expanded Polystyrene, Roof Board Insulation (07 22 16 00-0002)		
07 22 16 00-0029	SF		3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	2.22	
			<i>For Loose-Laid, Deduct</i>	-1.21	
07 22 16 00-0030	SF		1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	2.32	
			<i>For Loose-Laid, Deduct</i>	-1.21	
07 22 16 00-0031	SF		3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	2.58	
			<i>For Loose-Laid, Deduct</i>	-1.21	
07 22 16 00-0032	SF		1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	2.86	
			<i>For Loose-Laid, Deduct</i>	-1.21	
07 22 16 00-0033	SF		2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	3.96	
			<i>For Loose-Laid, Deduct</i>	-1.23	
07 22 16 00-0034	SF		3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	5.07	
			<i>For Loose-Laid, Deduct</i>	-1.24	
07 22 16 00-0035	SF		4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	6.16	
			<i>For Loose-Laid, Deduct</i>	-1.25	
07 22 16 00-0036	SF		5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	7.26	
			<i>For Loose-Laid, Deduct</i>	-1.27	
07 22 16 00-0037	SF		6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	8.37	
			<i>For Loose-Laid, Deduct</i>	-1.28	
07 22 16 00-0038			Cold Adhesive Applied, Extruded Polystyrene, Roof Board Insulation (07 22 16 00-0002)		
			Note: 15 PSI compressive strength.		
07 22 16 00-0039	SF		3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	3.13	
			<i>For Loose-Laid, Deduct</i>	-1.21	
			<i>For 25 PSI Compressive Strength, Add</i>	0.32	
			<i>For 40 PSI Compressive Strength, Add</i>	0.77	
			<i>For 60 PSI Compressive Strength, Add</i>	1.23	
			<i>For 115 PSI Compressive Strength, Add</i>	5.30	
07 22 16 00-0040	SF		1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	3.26	
			<i>For Loose-Laid, Deduct</i>	-1.21	
			<i>For 25 PSI Compressive Strength, Add</i>	0.34	
			<i>For 40 PSI Compressive Strength, Add</i>	0.81	
			<i>For 60 PSI Compressive Strength, Add</i>	1.30	
			<i>For 115 PSI Compressive Strength, Add</i>	5.61	
07 22 16 00-0041	SF		1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	4.05	
			<i>For Loose-Laid, Deduct</i>	-1.21	
			<i>For 25 PSI Compressive Strength, Add</i>	0.47	
			<i>For 40 PSI Compressive Strength, Add</i>	1.11	
			<i>For 60 PSI Compressive Strength, Add</i>	1.76	
			<i>For 100 PSI Compressive Strength, Add</i>	2.25	
			<i>For 115 PSI Compressive Strength, Add</i>	7.64	
07 22 16 00-0042	SF		2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	4.75	
			<i>For Loose-Laid, Deduct</i>	-1.23	
			<i>For 25 PSI Compressive Strength, Add</i>	0.58	
			<i>For 40 PSI Compressive Strength, Add</i>	1.37	
			<i>For 60 PSI Compressive Strength, Add</i>	2.15	
			<i>For 115 PSI Compressive Strength, Add</i>	9.37	
07 22 16 00-0043	SF		2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied.....	5.59	
			<i>For Loose-Laid, Deduct</i>	-1.23	
			<i>For 25 PSI Compressive Strength, Add</i>	0.71	
			<i>For 40 PSI Compressive Strength, Add</i>	1.69	
			<i>For 60 PSI Compressive Strength, Add</i>	2.63	
			<i>For 100 PSI Compressive Strength, Add</i>	3.39	
			<i>For 115 PSI Compressive Strength, Add</i>	11.53	
07 22 16 00-0044	SF		3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	6.24	
			<i>For Loose-Laid, Deduct</i>	-1.24	
			<i>For 25 PSI Compressive Strength, Add</i>	0.81	
			<i>For 40 PSI Compressive Strength, Add</i>	1.93	
			<i>For 60 PSI Compressive Strength, Add</i>	3.00	
			<i>For 115 PSI Compressive Strength, Add</i>	13.15	
07 22 16 00-0045	SF		4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	7.00	
			<i>For Loose-Laid, Deduct</i>	-1.25	
			<i>For 25 PSI Compressive Strength, Add</i>	0.93	
			<i>For 40 PSI Compressive Strength, Add</i>	2.20	
			<i>For 60 PSI Compressive Strength, Add</i>	3.42	
			<i>For 115 PSI Compressive Strength, Add</i>	15.03	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 22 16 00-0046	Cold Adhesive Applied, Polyisocyanurate Board Roofing Insulation (07 22 16 00-0002)	2.81
07 22 16 00-0047	SF 3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied.....	-1.21
	For Loose-Laid, Deduct	0.36
	For Foil Facer, Add	0.17
	For 25 PSI Compressive Strength, Add	
07 22 16 00-0048	SF 1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied.....	-1.21
	For Loose-Laid, Deduct	0.36
	For Foil Facer, Add	0.18
	For 25 PSI Compressive Strength, Add	
07 22 16 00-0049	SF 1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied.....	-1.22
	For Loose-Laid, Deduct	0.36
	For Foil Facer, Add	0.20
	For 25 PSI Compressive Strength, Add	
07 22 16 00-0050	SF 2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied.....	-1.23
	For Loose-Laid, Deduct	0.36
	For Foil Facer, Add	0.24
	For 25 PSI Compressive Strength, Add	
07 22 16 00-0051	SF 2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied.....	-1.23
	For Loose-Laid, Deduct	0.36
	For Foil Facer, Add	0.28
	For 25 PSI Compressive Strength, Add	
07 22 16 00-0052	SF 3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied.....	-1.24
	For Loose-Laid, Deduct	0.36
	For Foil Facer, Add	0.32
	For 25 PSI Compressive Strength, Add	
07 22 16 00-0053	SF 3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied.....	-1.25
	For Loose-Laid, Deduct	0.36
	For Foil Facer, Add	0.37
	For 25 PSI Compressive Strength, Add	
07 22 16 00-0054	SF 4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied.....	-1.25
	For Loose-Laid, Deduct	0.36
	For Foil Facer, Add	0.41
	For 25 PSI Compressive Strength, Add	
07 22 16 00-0055	Cold Adhesive Applied, High-Density Polyisocyanurate Cover Board And Roofing Insulation (07 22 16 00-0002)	3.18
07 22 16 00-0056	SF 1/2" Thick, R2.5, High-Density Polyisocyanurate Cover Board And Roofing Insulation, Cold Adhesive Applied.....	
07 22 16 00-0057	Cold Adhesive Applied, Gypsum-Fiber, Roof Board Insulation (USG Securock) (07 22 16 00-0002)	3.01
07 22 16 00-0058	SF 1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied.....	3.19
07 22 16 00-0059	SF 3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied.....	3.32
07 22 16 00-0060	SF 1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied.....	3.38
07 22 16 00-0061	SF 5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied.....	
07 22 16 00-0062	Cold Adhesive Applied, Glass-Mat, Roof Board Insulation (USG Securock) (07 22 16 00-0002)	2.95
07 22 16 00-0063	SF 1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied.....	3.22
07 22 16 00-0064	SF 1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied.....	3.29
07 22 16 00-0065	SF 5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied.....	
07 22 16 00-0066	Cold Adhesive Applied, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation (07 22 16 00-0002)	5.11
	Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer.	
07 22 16 00-0067	SF 1.5" Thick, R6.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied.....	5.37
07 22 16 00-0068	SF 2" Thick, R9.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied.....	5.71
07 22 16 00-0069	SF 2.5" Thick, R12.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied.....	5.92
07 22 16 00-0070	SF 3" Thick, R15.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied.....	6.44
07 22 16 00-0071	SF 3.5" Thick, R18.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied.....	6.66
07 22 16 00-0072	SF 4" Thick, R21.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied.....	6.99
07 22 16 00-0073	SF 4.5" Thick, R24.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied.....	
07 22 16 00-0074	Cold Adhesive Applied, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation (07 22 16 00-0002)	5.16
	Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer.	
07 22 16 00-0075	SF 2.5" Thick, R5.7, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied.....	5.61
07 22 16 00-0076	SF 3" Thick, R8.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied.....	6.15
07 22 16 00-0077	SF 3.5" Thick, R11.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied.....	6.49
07 22 16 00-0078	SF 4" Thick, R14.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied.....	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0079	SF		4.5" Thick, R17.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.95	
07 22 16 00-0080	SF		5" Thick, R20.5, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	7.43	
07 22 16 00-0081	SF		5.5" Thick, R23.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	8.30	
07 22 16 00-0082			Hot-Mopped Rigid Board Roofing Insulation (07 22 16 00-0001)		
07 22 16 00-0083			Hot-Mopped, High-Density Fiberboard, Roof Board Insulation (07 22 16 00-0082)		
07 22 16 00-0084	SF		1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped.....	2.22	
07 22 16 00-0085	SF		25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped.....	2.64	
07 22 16 00-0086	SF		1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped.....	3.07	
07 22 16 00-0087	SF		1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	3.83	
07 22 16 00-0088	SF		2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped.....	4.61	
07 22 16 00-0089			Hot-Mopped, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation (07 22 16 00-0082)		
07 22 16 00-0090	SF		1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Hot-Mopped.....	2.42	
07 22 16 00-0091	SF		1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Hot-Mopped.....	2.94	
07 22 16 00-0092			Hot-Mopped, Perlite, Roof Board Insulation (07 22 16 00-0082)		
07 22 16 00-0093	SF		1/2" Thick, R1.32, Perlite, Roof Board Insulation, Hot-Mopped	2.14	
07 22 16 00-0094	SF		3/4" Thick, R2.08, Perlite, Roof Board Insulation, Hot-Mopped	2.38	
07 22 16 00-0095	SF		1" Thick, R2.78, Perlite, Roof Board Insulation, Hot-Mopped	2.69	
07 22 16 00-0096	SF		1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Hot-Mopped	3.41	
07 22 16 00-0097	SF		2" Thick, R5.56, Perlite, Roof Board Insulation, Hot-Mopped	3.89	
07 22 16 00-0098			Hot-Mopped, Basalt Mineral Wool, Roof Board Insulation (07 22 16 00-0082)		
07 22 16 00-0099	SF		1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped.....	3.09	
07 22 16 00-0100	SF		2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped.....	4.25	
07 22 16 00-0101	SF		3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped.....	5.65	
07 22 16 00-0102			Hot-Mopped, Foam Glass (Cellular Glass), Roof Board Insulation (07 22 16 00-0082)		
07 22 16 00-0103	SF		1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	6.01	
07 22 16 00-0104	SF		2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	7.15	
07 22 16 00-0105	SF		2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	9.41	
07 22 16 00-0106	SF		3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	11.96	
07 22 16 00-0107			Hot-Mopped, Molded Expanded Polystyrene, Roof Board Insulation (07 22 16 00-0082)		
07 22 16 00-0108	SF		3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	1.95	
07 22 16 00-0109	SF		1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	2.04	
07 22 16 00-0110	SF		3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	2.20	
07 22 16 00-0111	SF		1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	2.58	
07 22 16 00-0112	SF		2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	3.69	
07 22 16 00-0113	SF		3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	4.80	
07 22 16 00-0114	SF		4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	5.90	
07 22 16 00-0115	SF		5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	7.01	
07 22 16 00-0116	SF		6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	8.10	
07 22 16 00-0117			Hot-Mopped, Extruded Polystyrene, Roof Board Insulation (07 22 16 00-0082)		
			Note: 15 PSI compressive strength.		
07 22 16 00-0118	SF		3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	2.86	
			For 25 PSI Compressive Strength, Add	0.26	
			For 40 PSI Compressive Strength, Add	0.62	
			For 60 PSI Compressive Strength, Add	1.01	
			For 115 PSI Compressive Strength, Add	4.34	
07 22 16 00-0119	SF		1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	2.98	
			For 25 PSI Compressive Strength, Add	0.28	
			For 40 PSI Compressive Strength, Add	0.67	
			For 60 PSI Compressive Strength, Add	1.08	
			For 115 PSI Compressive Strength, Add	4.62	
07 22 16 00-0120	SF		1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	3.78	
			For 25 PSI Compressive Strength, Add	0.41	
			For 40 PSI Compressive Strength, Add	0.97	
			For 60 PSI Compressive Strength, Add	1.54	
			For 100 PSI Compressive Strength, Add	1.97	
			For 115 PSI Compressive Strength, Add	6.68	
07 22 16 00-0121	SF		2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	4.61	
			For 25 PSI Compressive Strength, Add	0.52	
			For 40 PSI Compressive Strength, Add	1.22	
			For 60 PSI Compressive Strength, Add	1.94	
			For 115 PSI Compressive Strength, Add	8.41	
07 22 16 00-0122	SF		2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	16.67	
			For 25 PSI Compressive Strength, Add	0.65	
			For 40 PSI Compressive Strength, Add	1.54	
			For 60 PSI Compressive Strength, Add	2.99	
			For 100 PSI Compressive Strength, Add	3.68	
			For 115 PSI Compressive Strength, Add	11.70	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0123	SF		3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped .....5.99		
			<i>For 25 PSI Compressive Strength, Add</i>	0.75	
			<i>For 40 PSI Compressive Strength, Add</i>	1.78	
			<i>For 60 PSI Compressive Strength, Add</i>	2.79	
			<i>For 115 PSI Compressive Strength, Add</i>	12.18	
07 22 16 00-0124	SF		4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped .....6.75		
			<i>For 25 PSI Compressive Strength, Add</i>	0.87	
			<i>For 40 PSI Compressive Strength, Add</i>	2.06	
			<i>For 60 PSI Compressive Strength, Add</i>	3.21	
			<i>For 115 PSI Compressive Strength, Add</i>	14.06	
07 22 16 00-0125			Hot-Mopped, Polyisocyanurate Board Roofing Insulation (07 22 16 00-0082).....2.54		
07 22 16 00-0126	SF		3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Hot-Mopped .....2.54		
			<i>For Foil Facer, Add</i>	0.36	
			<i>For 25 PSI Compressive Strength, Add</i>	0.13	
07 22 16 00-0127	SF		1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Hot-Mopped .....2.65		
			<i>For Foil Facer, Add</i>	0.36	
			<i>For 25 PSI Compressive Strength, Add</i>	0.14	
07 22 16 00-0128	SF		1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Hot-Mopped .....2.81		
			<i>For Foil Facer, Add</i>	0.36	
			<i>For 25 PSI Compressive Strength, Add</i>	0.16	
07 22 16 00-0129	SF		2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped .....3.25		
			<i>For Foil Facer, Add</i>	0.36	
			<i>For 25 PSI Compressive Strength, Add</i>	0.20	
07 22 16 00-0130	SF		2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped .....3.71		
			<i>For Foil Facer, Add</i>	0.36	
			<i>For 25 PSI Compressive Strength, Add</i>	0.24	
07 22 16 00-0131	SF		3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped .....4.15		
			<i>For Foil Facer, Add</i>	0.36	
			<i>For 25 PSI Compressive Strength, Add</i>	0.29	
07 22 16 00-0132	SF		3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Hot-Mopped .....4.50		
			<i>For Foil Facer, Add</i>	0.36	
			<i>For 25 PSI Compressive Strength, Add</i>	0.33	
07 22 16 00-0133	SF		4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Hot-Mopped .....5.05		
			<i>For Foil Facer, Add</i>	0.36	
			<i>For 25 PSI Compressive Strength, Add</i>	0.37	
07 22 16 00-0134			Hot-Mopped, Gypsum-Fiber, Roof Board Insulation (USG Securock) (07 22 16 00-0082).....2.76		
07 22 16 00-0135	SF		1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped.....2.76		
07 22 16 00-0136	SF		3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped.....2.94		
07 22 16 00-0137	SF		1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped.....3.06		
07 22 16 00-0138	SF		5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped.....3.13		
07 22 16 00-0139			Hot-Mopped, Glass-Mat, Roof Board Insulation (USG Securock) (07 22 16 00-0082).....2.70		
07 22 16 00-0140	SF		1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped .....2.70		
07 22 16 00-0141	SF		1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped .....2.97		
07 22 16 00-0142	SF		5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped .....3.03		
07 22 16 00-0143			Mechanically Fastened Rigid Board Roofing Insulation (07 22 16 00-0001)		
			Note: Mechanically fastened to wood or steel.		
07 22 16 00-0144			Mechanically Fastened, High-Density Fiberboard, Roof Board Insulation (07 22 16 00-0143)		
			Note: Mechanically fastened to wood or steel.		
07 22 16 00-0145	SF		1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened .....2.13		
			<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.57	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.31	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.25	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.85	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.26	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.38	
07 22 16 00-0146	SF		25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened .....2.56		
			<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.57	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.33	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.25	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.85	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.28	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.38	
07 22 16 00-0147	SF		1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened .....2.98		
			<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.57	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.36	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.25	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.85	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.31	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.38	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
07 22 16 00-0148	SF 1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened.....		3.79	
	<i>For Mechanically Fastened To Concrete, Add</i>		1.61	
	<i>For Mechanically Fastened To Gypsum, Add</i>		1.92	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>		0.71	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>		2.01	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>		2.25	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>		1.06	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>		3.01	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>		3.38	
07 22 16 00-0149	SF 2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened.....		4.55	
	<i>For Mechanically Fastened To Concrete, Add</i>		1.61	
	<i>For Mechanically Fastened To Gypsum, Add</i>		1.88	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>		0.71	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>		2.01	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>		2.27	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>		1.06	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>		3.01	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>		3.41	
07 22 16 00-0150	Mechanically Fastened, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation (07 22 16 00-0143)			
	Note: Mechanically fastened to wood or steel.			
07 22 16 00-0151	SF 1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Mechanically Fastened		2.33	
	<i>For Mechanically Fastened To Concrete, Add</i>		1.56	
	<i>For Mechanically Fastened To Gypsum, Add</i>		1.92	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>		0.57	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>		2.36	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>		2.25	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>		0.85	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>		3.31	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>		3.38	
07 22 16 00-0152	SF 1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Mechanically Fastened		2.84	
	<i>For Mechanically Fastened To Concrete, Add</i>		1.56	
	<i>For Mechanically Fastened To Gypsum, Add</i>		1.92	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>		0.57	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>		2.36	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>		2.25	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>		0.85	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>		3.31	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>		3.38	
07 22 16 00-0153	Mechanically Fastened, Perlite, Roof Board Insulation (07 22 16 00-0143)			
	Note: Mechanically fastened to wood or steel.			
07 22 16 00-0154	SF 1/2" Thick, R1.32, Perlite, Roof Board Insulation, Mechanically Fastened		2.07	
	<i>For Mechanically Fastened To Concrete, Add</i>		1.56	
	<i>For Mechanically Fastened To Gypsum, Add</i>		1.92	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>		0.57	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>		2.25	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>		2.25	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>		0.85	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>		3.20	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>		3.38	
07 22 16 00-0155	SF 3/4" Thick, R2.08, Perlite, Roof Board Insulation, Mechanically Fastened		2.32	
	<i>For Mechanically Fastened To Concrete, Add</i>		1.56	
	<i>For Mechanically Fastened To Gypsum, Add</i>		1.92	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>		0.57	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>		2.26	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>		2.25	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>		0.85	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>		3.21	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>		3.38	
07 22 16 00-0156	SF 1" Thick, R2.78, Perlite, Roof Board Insulation, Mechanically Fastened		2.63	
	<i>For Mechanically Fastened To Concrete, Add</i>		1.56	
	<i>For Mechanically Fastened To Gypsum, Add</i>		1.92	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>		0.57	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>		2.26	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>		2.25	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>		0.85	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>		3.21	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>		3.38	
07 22 16 00-0157	SF 1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Mechanically Fastened		3.41	
	<i>For Mechanically Fastened To Concrete, Add</i>		1.61	
	<i>For Mechanically Fastened To Gypsum, Add</i>		1.92	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>		0.71	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>		2.01	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>		2.25	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>		1.06	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>		3.01	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>		3.38	
07 22 16 00-0158	SF 2" Thick, R5.56, Perlite, Roof Board Insulation, Mechanically Fastened		3.89	
	<i>For Mechanically Fastened To Concrete, Add</i>		1.61	
	<i>For Mechanically Fastened To Gypsum, Add</i>		1.88	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>		0.71	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>		2.01	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>		2.27	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>		1.06	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>		3.01	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>		3.41	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 22 16 00-0159	Mechanically Fastened, Basalt Mineral Wool, Roof Board Insulation <small>(07 22 16 00-0143)</small>	
	Note: Mechanically fastened to wood or steel.	
07 22 16 00-0160	SF 1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened.....	3.02
	For Mechanically Fastened To Concrete, Add	1.56
	For Mechanically Fastened To Gypsum, Add	1.92
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.57
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.26
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.25
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.85
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.21
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.38
07 22 16 00-0161	SF 2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened.....	4.25
	For Mechanically Fastened To Concrete, Add	1.61
	For Mechanically Fastened To Gypsum, Add	1.88
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.71
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.01
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.27
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.06
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.01
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.41
07 22 16 00-0162	SF 3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened.....	5.69
	For Mechanically Fastened To Concrete, Add	1.66
	For Mechanically Fastened To Gypsum, Add	1.95
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.81
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.51
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.45
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.21
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.57
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.61
07 22 16 00-0163	Mechanically Fastened, Foam Glass (Cellular Glass), Roof Board Insulation <small>(07 22 16 00-0143)</small>	
	Note: Mechanically fastened to wood or steel.	
07 22 16 00-0164	SF 1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened.....	6.00
	For Mechanically Fastened To Concrete, Add	1.61
	For Mechanically Fastened To Gypsum, Add	1.92
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.71
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.01
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.25
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.06
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.01
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.38
07 22 16 00-0165	SF 2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened.....	7.14
	For Mechanically Fastened To Concrete, Add	1.61
	For Mechanically Fastened To Gypsum, Add	1.88
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.71
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.01
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.27
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.06
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.01
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.41
07 22 16 00-0166	SF 2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened.....	9.45
	For Mechanically Fastened To Concrete, Add	1.66
	For Mechanically Fastened To Gypsum, Add	1.95
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.81
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.51
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.45
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.21
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.57
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.61
07 22 16 00-0167	SF 3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened.....	12.11
	For Mechanically Fastened To Concrete, Add	1.70
	For Mechanically Fastened To Gypsum, Add	1.91
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.94
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.26
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.86
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.42
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.40
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.11
07 22 16 00-0168	Mechanically Fastened, Molded Expanded Polystyrene, Roof Board Insulation <small>(07 22 16 00-0143)</small>	
	Note: Mechanically fastened to wood or steel.	
07 22 16 00-0169	SF 3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	1.89
	For Mechanically Fastened To Concrete, Add	1.56
	For Mechanically Fastened To Gypsum, Add	1.92
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.57
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.26
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.25
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.85
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.21
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.38

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0170	SF	1/2"	Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	1.98	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.57	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.25	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.85	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.21	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.38	
07 22 16 00-0171	SF	3/4"	Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	2.25	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.57	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.25	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.85	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.21	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.38	
07 22 16 00-0172	SF	1"	Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	2.53	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.57	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.25	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.85	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.21	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.38	
07 22 16 00-0173	SF	2"	Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	3.69	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.61	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.88	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.71	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.01	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.27	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.01	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.41	
07 22 16 00-0174	SF	3"	Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	4.86	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.51	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.45	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.57	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.61	
07 22 16 00-0175	SF	4"	Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	6.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.70	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.96	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.94	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.52	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.42	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.40	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.79	
07 22 16 00-0176	SF	5"	Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	7.28	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.75	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.96	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.12	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.44	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	3.05	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.67	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.66	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	4.38	
07 22 16 00-0177	SF	6"	Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	9.04	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.79	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.66	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.65	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.97	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	3.24	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.46	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.46	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	4.66	
07 22 16 00-0178			Mechanically Fastened, Extruded Polystyrene, Roof Board Insulation <small>(07 22 16 00-0143)</small>		
			Note: 15 PSI compressive strength. Mechanically fastened to wood or steel.		
07 22 16 00-0179	SF	3/4"	Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	2.80	
			<i>For 25 PSI Compressive Strength, Add</i>	0.27	
			<i>For 40 PSI Compressive Strength, Add</i>	0.64	
			<i>For 60 PSI Compressive Strength, Add</i>	1.04	
			<i>For 115 PSI Compressive Strength, Add</i>	4.45	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.57	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.25	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.85	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.21	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.38	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 22 16 00-0180	SF	1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened.....	2.92	
		<i>For 25 PSI Compressive Strength, Add</i>	0.29	
		<i>For 40 PSI Compressive Strength, Add</i>	0.68	
		<i>For 60 PSI Compressive Strength, Add</i>	1.10	
		<i>For 115 PSI Compressive Strength, Add</i>	4.74	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.57	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.25	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.85	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.21	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.38	
07 22 16 00-0181	SF	1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	3.78	
		<i>For 25 PSI Compressive Strength, Add</i>	0.43	
		<i>For 40 PSI Compressive Strength, Add</i>	1.01	
		<i>For 60 PSI Compressive Strength, Add</i>	1.60	
		<i>For 100 PSI Compressive Strength, Add</i>	2.05	
		<i>For 115 PSI Compressive Strength, Add</i>	6.95	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.61	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.71	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.01	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.25	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.01	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.38	
07 22 16 00-0182	SF	2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened.....	4.47	
		<i>For 25 PSI Compressive Strength, Add</i>	0.53	
		<i>For 40 PSI Compressive Strength, Add</i>	1.26	
		<i>For 60 PSI Compressive Strength, Add</i>	1.98	
		<i>For 115 PSI Compressive Strength, Add</i>	8.65	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.61	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.88	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.71	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.01	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.27	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.01	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.41	
07 22 16 00-0183	SF	2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	5.38	
		<i>For 25 PSI Compressive Strength, Add</i>	0.68	
		<i>For 40 PSI Compressive Strength, Add</i>	1.61	
		<i>For 60 PSI Compressive Strength, Add</i>	2.51	
		<i>For 100 PSI Compressive Strength, Add</i>	3.23	
		<i>For 115 PSI Compressive Strength, Add</i>	10.99	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.91	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.50	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.37	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.56	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.56	
07 22 16 00-0184	SF	3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened.....	6.03	
		<i>For 25 PSI Compressive Strength, Add</i>	0.78	
		<i>For 40 PSI Compressive Strength, Add</i>	1.85	
		<i>For 60 PSI Compressive Strength, Add</i>	2.88	
		<i>For 115 PSI Compressive Strength, Add</i>	12.61	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.51	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.45	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.57	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.61	
07 22 16 00-0185	SF	4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened.....	6.90	
		<i>For 25 PSI Compressive Strength, Add</i>	0.91	
		<i>For 40 PSI Compressive Strength, Add</i>	2.17	
		<i>For 60 PSI Compressive Strength, Add</i>	3.37	
		<i>For 115 PSI Compressive Strength, Add</i>	14.77	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.70	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.96	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.94	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.52	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.42	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.40	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.79	

07 22 16 00-0186 Mechanically Fastened, Polyisocyanurate Board Roofing Insulation (07 22 16 00-0143)
 Note: Mechanically fastened to wood or steel.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0187	SF	3/4"	Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened .....2.47		
			<i>For Foil Facer, Add</i>	0.36	
			<i>For 25 PSI Compressive Strength, Add</i>	0.14	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.57	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.25	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.85	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.21	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.38	
07 22 16 00-0188	SF	1"	Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened .....2.58		
			<i>For Foil Facer, Add</i>	0.36	
			<i>For 25 PSI Compressive Strength, Add</i>	0.15	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.57	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.25	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.85	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.21	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.38	
07 22 16 00-0189	SF	1-1/2"	Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened .....2.81		
			<i>For Foil Facer, Add</i>	0.36	
			<i>For 25 PSI Compressive Strength, Add</i>	0.17	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.61	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.71	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.01	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.25	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.01	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.38	
07 22 16 00-0190	SF	2"	Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened .....3.25		
			<i>For Foil Facer, Add</i>	0.36	
			<i>For 25 PSI Compressive Strength, Add</i>	0.21	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.61	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.88	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.71	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.01	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.27	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.01	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.41	
07 22 16 00-0191	SF	2-1/2"	Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened .....3.75		
			<i>For Foil Facer, Add</i>	0.36	
			<i>For 25 PSI Compressive Strength, Add</i>	0.26	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.91	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.50	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.37	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.56	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.56	
07 22 16 00-0192	SF	3"	Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened .....4.19		
			<i>For Foil Facer, Add</i>	0.36	
			<i>For 25 PSI Compressive Strength, Add</i>	0.30	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.51	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.45	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.57	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.61	
07 22 16 00-0193	SF	3-1/2"	Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened .....4.78		
			<i>For Foil Facer, Add</i>	0.36	
			<i>For 25 PSI Compressive Strength, Add</i>	0.36	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.70	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.91	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.94	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.86	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.42	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.40	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	4.11	
07 22 16 00-0194	SF	4"	Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened .....5.20		
			<i>For Foil Facer, Add</i>	0.36	
			<i>For 25 PSI Compressive Strength, Add</i>	0.40	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.70	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.96	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.94	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.52	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.42	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.40	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.79	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 22 16 00-0195	Mechanically Fastened, High-Density Polyisocyanurate Cover Board And Roofing Insulation (07 22 16 00-0143) Note: Mechanically fastened to wood or steel.		
07 22 16 00-0196	SF 1/2" Thick, R2.5, High-Density Polyisocyanurate Cover Board And Roofing Insulation, Mechanically Fastened	2.85	
	For Mechanically Fastened To Concrete, Add	1.56	
	For Mechanically Fastened To Gypsum, Add	1.92	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.57	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.31	
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.25	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.85	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26	
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.38	
07 22 16 00-0197	Mechanically Fastened, Gypsum-Fiber, Roof Board Insulation (USG Securock) (07 22 16 00-0143) Note: Mechanically fastened to wood or steel.		
07 22 16 00-0198	SF 1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened.....	2.68	
	For Mechanically Fastened To Concrete, Add	1.56	
	For Mechanically Fastened To Gypsum, Add	1.92	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.57	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.31	
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.25	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.85	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26	
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.38	
07 22 16 00-0199	SF 3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened.....	2.86	
	For Mechanically Fastened To Concrete, Add	1.56	
	For Mechanically Fastened To Gypsum, Add	1.92	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.57	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.31	
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.25	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.85	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26	
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.38	
07 22 16 00-0200	SF 1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened.....	2.98	
	For Mechanically Fastened To Concrete, Add	1.56	
	For Mechanically Fastened To Gypsum, Add	1.92	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.57	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.31	
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.25	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.85	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26	
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.38	
07 22 16 00-0201	SF 5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened.....	3.04	
	For Mechanically Fastened To Concrete, Add	1.56	
	For Mechanically Fastened To Gypsum, Add	1.92	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.57	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.31	
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.25	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.85	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26	
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.38	
07 22 16 00-0202	Mechanically Fastened, Glass-Mat, Roof Board Insulation (USG Securock) (07 22 16 00-0143) Note: Mechanically fastened to wood or steel.		
07 22 16 00-0203	SF 1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened	2.62	
	For Mechanically Fastened To Concrete, Add	1.56	
	For Mechanically Fastened To Gypsum, Add	1.92	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.57	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.31	
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.25	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.85	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26	
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.38	
07 22 16 00-0204	SF 1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened	2.89	
	For Mechanically Fastened To Concrete, Add	1.56	
	For Mechanically Fastened To Gypsum, Add	1.92	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.57	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.31	
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.25	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.85	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26	
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.38	
07 22 16 00-0205	SF 5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened.....	2.95	
	For Mechanically Fastened To Concrete, Add	1.56	
	For Mechanically Fastened To Gypsum, Add	1.92	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.57	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.31	
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.25	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.85	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26	
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.38	

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 22 16 00-0206		Mechanically Fastened, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation <small>(07 22 16 00-0143)</small>	
Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer. Mechanically fastened to wood or steel.			
07 22 16 00-0207	SF	1.5" Thick, R6.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	4.83
		<i>For Mechanically Fastened To Concrete, Add</i>	1.61
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.92
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.71
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.01
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.27
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.01
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.41
07 22 16 00-0208	SF	2" Thick, R9.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	5.09
		<i>For Mechanically Fastened To Concrete, Add</i>	1.61
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.88
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.71
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.01
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.27
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.01
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.41
07 22 16 00-0209	SF	2.5" Thick, R12.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	5.50
		<i>For Mechanically Fastened To Concrete, Add</i>	1.66
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.91
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.68
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.37
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.74
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.56
07 22 16 00-0210	SF	3" Thick, R15.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	5.71
		<i>For Mechanically Fastened To Concrete, Add</i>	1.66
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.95
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.69
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.45
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.75
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.61
07 22 16 00-0211	SF	3.5" Thick, R18.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	6.33
		<i>For Mechanically Fastened To Concrete, Add</i>	1.70
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.91
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.94
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	3.05
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.42
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.40
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	4.30
07 22 16 00-0212	SF	4" Thick, R21.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	6.55
		<i>For Mechanically Fastened To Concrete, Add</i>	1.70
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.96
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.94
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.52
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.42
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.40
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.79
07 22 16 00-0213	SF	4.5" Thick, R24.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	7.01
		<i>For Mechanically Fastened To Concrete, Add</i>	1.75
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.96
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.12
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.44
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	3.27
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.67
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.66
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	4.60
07 22 16 00-0214		Mechanically Fastened, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation <small>(07 22 16 00-0143)</small>	
Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer. Mechanically fastened to wood or steel.			
07 22 16 00-0215	SF	2.5" Thick, R5.7, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	4.94
		<i>For Mechanically Fastened To Concrete, Add</i>	1.66
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.91
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.67
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.37
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.73
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.56

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 22 16 00-0216	SF	3" Thick, R8.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened.....	5.40
		<i>For Mechanically Fastened To Concrete, Add</i>	1.66
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.95
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.68
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.45
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.74
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.61
07 22 16 00-0217	SF	3.5" Thick, R11.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened.....	6.04
		<i>For Mechanically Fastened To Concrete, Add</i>	1.70
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.91
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.94
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	3.03
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.42
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.40
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	4.28
07 22 16 00-0218	SF	4" Thick, R14.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened.....	6.38
		<i>For Mechanically Fastened To Concrete, Add</i>	1.70
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.96
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.94
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.52
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.42
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.40
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.79
07 22 16 00-0219	SF	4.5" Thick, R17.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened.....	6.96
		<i>For Mechanically Fastened To Concrete, Add</i>	1.75
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.96
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.12
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.44
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	3.22
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.67
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.66
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	4.55
07 22 16 00-0220	SF	5" Thick, R20.5, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened.....	7.45
		<i>For Mechanically Fastened To Concrete, Add</i>	1.75
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.96
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.12
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.44
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	3.23
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.67
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.66
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	4.56
07 22 16 00-0221	SF	5.5" Thick, R23.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened.....	8.81
		<i>For Mechanically Fastened To Concrete, Add</i>	1.79
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.66
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.65
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.97
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	3.45
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.46
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.46
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	4.87

07 22 16 00-0222 **Rigid Board Tapered Roofing Insulation** (07 22 16)
 Note: Includes tapered board and filler board required to maintain slope starting at 1/2" minimum thickness. Excludes base layer of board, if required. Average thickness and average R-value of tapered system excludes thickness and R-value of base layer insulation and/or cover board. See CSI section 07 22 16 00-0466 for demolition of insulation board.

07 22 16 00-0223 **Cold Adhesive Applied Rigid Board Tapered Roofing Insulation** (07 22 16 00-0222)

07 22 16 00-0224 **Cold Adhesive Applied, Tapered Polyisocyanurate Board** (07 22 16 00-0223)

Note: Includes polyurethane adhesive.

07 22 16 00-0225 **Cold Adhesive Applied, 1/8" Slope, Tapered Polyisocyanurate Board** (07 22 16 00-0224)

07 22 16 00-0226	SF	2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	4.95
		<i>For 25 PSI Compressive Strength, Add</i>	0.33
07 22 16 00-0227	SF	2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	6.86
		<i>For 25 PSI Compressive Strength, Add</i>	0.39
07 22 16 00-0228	SF	3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	7.44
		<i>For 25 PSI Compressive Strength, Add</i>	0.45
07 22 16 00-0229	SF	3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	8.02
		<i>For 25 PSI Compressive Strength, Add</i>	0.50
07 22 16 00-0230	SF	4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	8.61
		<i>For 25 PSI Compressive Strength, Add</i>	0.56

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0231	SF		4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied <i>For 25 PSI Compressive Strength, Add</i>	10.54 0.62	
07 22 16 00-0232	SF		5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied <i>For 25 PSI Compressive Strength, Add</i>	11.12 0.68	
07 22 16 00-0233	SF		5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied <i>For 25 PSI Compressive Strength, Add</i>	11.71 0.74	
07 22 16 00-0234	SF		6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied <i>For 25 PSI Compressive Strength, Add</i>	12.29 0.80	
07 22 16 00-0235	SF		6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied <i>For 25 PSI Compressive Strength, Add</i>	14.21 0.86	
07 22 16 00-0236			Cold Adhesive Applied, 1/4" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0224)		
07 22 16 00-0237	SF		2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied <i>For 25 PSI Compressive Strength, Add</i>	4.65 0.30	
07 22 16 00-0238	SF		3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied <i>For 25 PSI Compressive Strength, Add</i>	7.15 0.42	
07 22 16 00-0239	SF		4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied <i>For 25 PSI Compressive Strength, Add</i>	8.31 0.53	
07 22 16 00-0240	SF		5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied <i>For 25 PSI Compressive Strength, Add</i>	10.83 0.65	
07 22 16 00-0241	SF		6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied <i>For 25 PSI Compressive Strength, Add</i>	12.00 0.77	
07 22 16 00-0242	SF		7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied <i>For 25 PSI Compressive Strength, Add</i>	14.50 0.88	
07 22 16 00-0243			Cold Adhesive Applied, 1/2" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0224)		
07 22 16 00-0244	SF		3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied <i>For 25 PSI Compressive Strength, Add</i>	7.73 0.47	
07 22 16 00-0245	SF		5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied <i>For 25 PSI Compressive Strength, Add</i>	11.42 0.71	
07 22 16 00-0246	SF		7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied <i>For 25 PSI Compressive Strength, Add</i>	15.09 0.94	
07 22 16 00-0247	SF		9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied <i>For 25 PSI Compressive Strength, Add</i>	18.77 1.18	
07 22 16 00-0248			Cold Adhesive Applied, Tapered Expanded Polystyrene Board (EPS) (07 22 16 00-0223) Note: Includes polyurethane adhesive.		
07 22 16 00-0249			Cold Adhesive Applied, 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) (07 22 16 00-0248)		
07 22 16 00-0250	SF		2.25" Average Thickness (10.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	4.29	
07 22 16 00-0251	SF		2.75" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	6.22	
07 22 16 00-0252	SF		3.25" Average Thickness (14.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	6.65	
07 22 16 00-0253	SF		3.75" Average Thickness (16.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	7.09	
07 22 16 00-0254	SF		4.25" Average Thickness (19.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	7.52	
07 22 16 00-0255	SF		4.75" Average Thickness (21.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	9.47	
07 22 16 00-0256	SF		5.25" Average Thickness (23.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	9.90	
07 22 16 00-0257	SF		5.75" Average Thickness (25.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	10.34	
07 22 16 00-0258	SF		6.25" Average Thickness (28.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	10.77	
07 22 16 00-0259	SF		6.75" Average Thickness (30.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	12.71	
07 22 16 00-0260			Cold Adhesive Applied, 1/4" Slope, Tapered Expanded Polystyrene Board (EPS) (07 22 16 00-0248)		
07 22 16 00-0261	SF		2" Average Thickness (9 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	4.07	
07 22 16 00-0262	SF		3" Average Thickness (13.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	6.43	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 22 16 00-0263	SF	4" Average Thickness (18 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	7.31
07 22 16 00-0264	SF	5" Average Thickness (22.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	9.68
07 22 16 00-0265	SF	6" Average Thickness (27 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	10.56
07 22 16 00-0266	SF	7" Average Thickness (31.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	12.93
07 22 16 00-0267 Cold Adhesive Applied, 1/2" Slope, Tapered Expanded Polystyrene Board (EPS) <small>(07 22 16 00-0248)</small>			
07 22 16 00-0268	SF	3.5" Average Thickness (15.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	6.87
07 22 16 00-0269	SF	5.5" Average Thickness (24.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	10.12
07 22 16 00-0270	SF	7.5" Average Thickness (33.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	13.36
07 22 16 00-0271	SF	9.5" Average Thickness (42.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	17.05
07 22 16 00-0272 Cold Adhesive Applied, Tapered Extruded Polystyrene Board (XEPS) <small>(07 22 16 00-0223)</small>			
Note: Includes polyurethane adhesive.			
07 22 16 00-0273 Cold Adhesive Applied, 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) <small>(07 22 16 00-0272)</small>			
07 22 16 00-0274	SF	2.25" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	4.81
07 22 16 00-0275	SF	2.75" Average Thickness (15.125 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	6.73
07 22 16 00-0276	SF	3.25" Average Thickness (17.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	7.29
07 22 16 00-0277	SF	3.75" Average Thickness (20.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	7.84
07 22 16 00-0278	SF	4.25" Average Thickness (23.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	8.39
07 22 16 00-0279	SF	4.75" Average Thickness (26.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	10.33
07 22 16 00-0280	SF	5.25" Average Thickness (28.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	10.88
07 22 16 00-0281	SF	5.75" Average Thickness (31.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	11.43
07 22 16 00-0282	SF	6.25" Average Thickness (34.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	11.98
07 22 16 00-0283	SF	6.75" Average Thickness (37.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	13.91
07 22 16 00-0284 Cold Adhesive Applied, 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS) <small>(07 22 16 00-0272)</small>			
07 22 16 00-0285	SF	2" Average Thickness (11 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	4.54
07 22 16 00-0286	SF	3" Average Thickness (16.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	7.01
07 22 16 00-0287	SF	4" Average Thickness (22 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	8.11
07 22 16 00-0288	SF	5" Average Thickness (27.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	10.60
07 22 16 00-0289	SF	6" Average Thickness (33 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	11.71
07 22 16 00-0290	SF	7" Average Thickness (38.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	14.19
07 22 16 00-0291 Cold Adhesive Applied, 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS) <small>(07 22 16 00-0272)</small>			
07 22 16 00-0292	SF	3.5" Average Thickness (19.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	7.56
		<i>For Mechanically Fastened To Concrete, Add</i>	1.66
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.95
07 22 16 00-0293	SF	5.5" Average Thickness (30.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	11.16
07 22 16 00-0294	SF	7.5" Average Thickness (41.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	14.74
07 22 16 00-0295	SF	9.5" Average Thickness (52.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	18.34
07 22 16 00-0296 Cold Adhesive Applied, Tapered Perlite Board <small>(07 22 16 00-0223)</small>			
Note: Includes polyurethane adhesive.			
07 22 16 00-0297 Cold Adhesive Applied, 1/8" Slope, Tapered Perlite Board <small>(07 22 16 00-0296)</small>			
07 22 16 00-0298	SF	2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	6.23
07 22 16 00-0299	SF	2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	7.89
07 22 16 00-0300	SF	3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	8.73

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 22 16 00-0301	SF		3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	9.68	
07 22 16 00-0302	SF		4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	10.52	
07 22 16 00-0303	SF		4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	12.18	
07 22 16 00-0304	SF		5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	13.02	
07 22 16 00-0305	SF		5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	13.97	
07 22 16 00-0306	SF		6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	14.81	
07 22 16 00-0307	SF		6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	16.48	
07 22 16 00-0308			Cold Adhesive Applied, 1/4" Slope, Tapered Perlite Board (07 22 16 00-0296)		
07 22 16 00-0309	SF		2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	5.81	
07 22 16 00-0310	SF		3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	8.31	
07 22 16 00-0311	SF		4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	10.10	
07 22 16 00-0312	SF		5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	12.60	
07 22 16 00-0313	SF		6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	14.39	
07 22 16 00-0314	SF		7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	16.90	
07 22 16 00-0315			Cold Adhesive Applied, 1/2" Slope, Tapered Perlite Board (07 22 16 00-0296)		
07 22 16 00-0316	SF		3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	9.15	
07 22 16 00-0317	SF		5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	13.44	
07 22 16 00-0318	SF		7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	17.74	
07 22 16 00-0319	SF		9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	22.04	
07 22 16 00-0320			Hot-Mopped Rigid Board Tapered Roofing Insulation (07 22 16 00-0222)		
07 22 16 00-0321			Hot-Mopped, Tapered Polyisocyanurate Board (07 22 16 00-0320)		
07 22 16 00-0322			Hot-Mopped, 1/8" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0321)		
07 22 16 00-0323	SF		2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	4.56	
			<i>For 25 PSI Compressive Strength, Add</i>	0.29	
07 22 16 00-0324	SF		2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	6.45	
			<i>For 25 PSI Compressive Strength, Add</i>	0.32	
07 22 16 00-0325	SF		3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	7.04	
			<i>For 25 PSI Compressive Strength, Add</i>	0.37	
07 22 16 00-0326	SF		3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	7.31	
			<i>For 25 PSI Compressive Strength, Add</i>	0.43	
07 22 16 00-0327	SF		4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	8.20	
			<i>For 25 PSI Compressive Strength, Add</i>	0.49	
07 22 16 00-0328	SF		4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	9.93	
			<i>For 25 PSI Compressive Strength, Add</i>	0.52	
07 22 16 00-0329	SF		5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	10.51	
			<i>For 25 PSI Compressive Strength, Add</i>	0.58	
07 22 16 00-0330	SF		5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	11.09	
			<i>For 25 PSI Compressive Strength, Add</i>	0.63	
07 22 16 00-0331	SF		6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	11.67	
			<i>For 25 PSI Compressive Strength, Add</i>	0.69	
07 22 16 00-0332	SF		6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	13.39	
			<i>For 25 PSI Compressive Strength, Add</i>	0.72	
07 22 16 00-0333			Hot-Mopped, 1/4" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0321)		
07 22 16 00-0334	SF		2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	4.44	
			<i>For 25 PSI Compressive Strength, Add</i>	0.26	
07 22 16 00-0335	SF		3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	6.74	
			<i>For 25 PSI Compressive Strength, Add</i>	0.34	
07 22 16 00-0336	SF		4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	7.91	
			<i>For 25 PSI Compressive Strength, Add</i>	0.46	
07 22 16 00-0337	SF		5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	10.22	
			<i>For 25 PSI Compressive Strength, Add</i>	0.55	
07 22 16 00-0338	SF		6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	11.38	
			<i>For 25 PSI Compressive Strength, Add</i>	0.66	
07 22 16 00-0339	SF		7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	13.68	
			<i>For 25 PSI Compressive Strength, Add</i>	0.75	
07 22 16 00-0340			Hot-Mopped, 1/2" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0321)		
07 22 16 00-0341	SF		3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	7.33	
			<i>For 25 PSI Compressive Strength, Add</i>	0.40	
07 22 16 00-0342	SF		5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	10.80	
			<i>For 25 PSI Compressive Strength, Add</i>	0.60	
07 22 16 00-0343	SF		7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	14.27	
			<i>For 25 PSI Compressive Strength, Add</i>	0.80	
07 22 16 00-0344	SF		9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	17.74	
			<i>For 25 PSI Compressive Strength, Add</i>	1.01	
07 22 16 00-0345			Hot-Mopped, Tapered Perlite Board (07 22 16 00-0320)		
07 22 16 00-0346			Hot-Mopped, 1/8" Slope, Tapered Perlite Board (07 22 16 00-0345)		
07 22 16 00-0347	SF		2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	5.39	
07 22 16 00-0348	SF		2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	7.48	
07 22 16 00-0349	SF		3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	8.32	
07 22 16 00-0350	SF		3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	8.65	
07 22 16 00-0351	SF		4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	9.49	
07 22 16 00-0352	SF		4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	11.57	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 22 16 00-0353	SF	5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	12.41
07 22 16 00-0354	SF	5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	12.74
07 22 16 00-0355	SF	6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	13.58
07 22 16 00-0356	SF	6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	15.66

07 22 16 00-0357 Hot-Mopped, 1/4" Slope, Tapered Perlite Board (07 22 16 00-0345)

07 22 16 00-0358	SF	2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped.....	4.97
07 22 16 00-0359	SF	3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped.....	7.90
07 22 16 00-0360	SF	4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped.....	9.07
07 22 16 00-0361	SF	5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped.....	11.99
07 22 16 00-0362	SF	6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped.....	13.16
07 22 16 00-0363	SF	7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped.....	16.08

07 22 16 00-0364 Hot-Mopped, 1/2" Slope, Tapered Perlite Board (07 22 16 00-0345)

07 22 16 00-0365	SF	3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped.....	8.74
07 22 16 00-0366	SF	5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped.....	12.83
07 22 16 00-0367	SF	7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped.....	22.96
07 22 16 00-0368	SF	9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped.....	21.01

07 22 16 00-0369 Mechanically Fastened Tapered Roofing Insulation (07 22 16 00-0222)

Note: Mechanically fastened to wood or steel. Includes tapered board and filler board required to maintain slope starting at 1/2" minimum thickness. Excludes base layer of board, if required. Average thickness and average R-value of tapered system excludes thickness and R-value of base layer insulation and/or coverboard.

07 22 16 00-0370 Mechanically Fastened, Tapered Polyisocyanurate Board (07 22 16 00-0369)

Note: Mechanically fastened to wood or steel.

07 22 16 00-0371 Mechanically Fastened, 1/8" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0370)

07 22 16 00-0372	SF	2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	4.67
		<i>For 25 PSI Compressive Strength, Add</i>	0.30
		<i>For Mechanically Fastened To Concrete, Add</i>	1.61
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.86
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.71
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.01
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.25
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.01
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.38
07 22 16 00-0373	SF	2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	6.03
		<i>For 25 PSI Compressive Strength, Add</i>	0.30
		<i>For Mechanically Fastened To Concrete, Add</i>	1.66
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.91
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.12
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.37
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.18
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.56
07 22 16 00-0374	SF	3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	6.61
		<i>For 25 PSI Compressive Strength, Add</i>	0.36
		<i>For Mechanically Fastened To Concrete, Add</i>	1.66
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.95
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.12
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.41
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.18
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.61
07 22 16 00-0375	SF	3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	7.29
		<i>For 25 PSI Compressive Strength, Add</i>	0.43
		<i>For Mechanically Fastened To Concrete, Add</i>	1.70
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.91
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.94
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.47
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.42
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.40
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.72
07 22 16 00-0376	SF	4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	7.87
		<i>For 25 PSI Compressive Strength, Add</i>	0.49
		<i>For Mechanically Fastened To Concrete, Add</i>	1.70
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.96
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.94
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.52
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.42
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.40
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.79

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST	UNIT COST
07 22 16 00-0377	SF 4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened .....9.31				
	<i>For 25 PSI Compressive Strength, Add</i> .....0.50				
	<i>For Mechanically Fastened To Concrete, Add</i> .....1.75				
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i> .....1.96				
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i> .....1.12				
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i> .....2.44				
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i> .....2.64				
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i> .....1.67				
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i> .....3.66				
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i> .....3.97				
07 22 16 00-0378	SF 5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened .....9.90				
	<i>For 25 PSI Compressive Strength, Add</i> .....0.56				
	<i>For Mechanically Fastened To Concrete, Add</i> .....1.75				
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i> .....1.96				
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i> .....1.12				
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i> .....2.44				
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i> .....2.64				
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i> .....1.67				
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i> .....3.66				
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i> .....3.97				
07 22 16 00-0379	SF 5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened .....10.97				
	<i>For 25 PSI Compressive Strength, Add</i> .....0.67				
	<i>For Mechanically Fastened To Concrete, Add</i> .....1.79				
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i> .....1.66				
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i> .....1.65				
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i> .....2.97				
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i> .....2.82				
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i> .....2.46				
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i> .....4.46				
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i> .....4.24				
07 22 16 00-0380	SF 6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened .....11.55				
	<i>For 25 PSI Compressive Strength, Add</i> .....0.72				
	<i>For Mechanically Fastened To Concrete, Add</i> .....1.79				
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i> .....1.66				
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i> .....1.65				
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i> .....2.97				
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i> .....2.82				
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i> .....2.46				
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i> .....4.46				
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i> .....4.24				
07 22 16 00-0381	SF 6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened .....12.75				
	<i>For 25 PSI Compressive Strength, Add</i> .....0.71				
	<i>For Mechanically Fastened To Concrete, Add</i> .....1.79				
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i> .....2.01				
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i> .....1.54				
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i> .....2.86				
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i> .....3.08				
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i> .....2.31				
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i> .....4.31				
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i> .....4.63				
07 22 16 00-0382	Mechanically Fastened, 1/4" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0370)				
07 22 16 00-0383	SF 2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened .....4.38				
	<i>For 25 PSI Compressive Strength, Add</i> .....0.27				
	<i>For Mechanically Fastened To Concrete, Add</i> .....1.61				
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i> .....1.86				
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i> .....0.71				
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i> .....2.01				
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i> .....2.25				
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i> .....1.06				
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i> .....3.01				
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i> .....3.38				
07 22 16 00-0384	SF 3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened .....6.32				
	<i>For 25 PSI Compressive Strength, Add</i> .....0.33				
	<i>For Mechanically Fastened To Concrete, Add</i> .....1.66				
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i> .....1.91				
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i> .....0.81				
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i> .....2.12				
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i> .....2.37				
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i> .....1.21				
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i> .....3.18				
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i> .....3.56				
07 22 16 00-0385	SF 4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened .....7.58				
	<i>For 25 PSI Compressive Strength, Add</i> .....0.46				
	<i>For Mechanically Fastened To Concrete, Add</i> .....1.70				
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i> .....1.91				
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i> .....0.94				
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i> .....2.26				
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i> .....2.47				
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i> .....1.42				
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i> .....3.40				
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i> .....3.72				

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**
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07 22 16 00-0386	SF	5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	9.60
		<i>For 25 PSI Compressive Strength, Add</i>	0.53
		<i>For Mechanically Fastened To Concrete, Add</i>	1.75
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.96
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.12
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.44
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.64
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.67
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.66
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.97
07 22 16 00-0387	SF	6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	11.26
		<i>For 25 PSI Compressive Strength, Add</i>	0.69
		<i>For Mechanically Fastened To Concrete, Add</i>	1.79
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.66
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.65
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.97
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.82
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.46
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.46
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.24
07 22 16 00-0388	SF	7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	13.04
		<i>For 25 PSI Compressive Strength, Add</i>	0.74
		<i>For Mechanically Fastened To Concrete, Add</i>	1.79
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	2.01
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.54
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.86
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.08
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.31
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.31
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.63
07 22 16 00-0389		Mechanically Fastened, 1/2" Slope, Tapered Polyisocyanurate Board <small>(07 22 16 00-0370)</small>	
07 22 16 00-0390	SF	3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	6.90
		<i>For 25 PSI Compressive Strength, Add</i>	0.39
		<i>For Mechanically Fastened To Concrete, Add</i>	1.66
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.95
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.12
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.41
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.18
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.61
07 22 16 00-0391	SF	5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	9.93
		<i>For 25 PSI Compressive Strength, Add</i>	0.56
		<i>For Mechanically Fastened To Concrete, Add</i>	1.75
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.96
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.12
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.44
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.64
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.67
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.66
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.97
07 22 16 00-0392	SF	7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	13.62
		<i>For 25 PSI Compressive Strength, Add</i>	0.80
		<i>For Mechanically Fastened To Concrete, Add</i>	1.79
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	2.01
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.54
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.86
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.08
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.31
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.31
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.63
07 22 16 00-0393	SF	9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	17.21
		<i>For 25 PSI Compressive Strength, Add</i>	1.02
		<i>For Mechanically Fastened To Concrete, Add</i>	1.83
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	2.11
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	3.44
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	3.17
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	5.15
07 22 16 00-0394		Mechanically Fastened, Tapered Expanded Polystyrene Board (EPS) <small>(07 22 16 00-0369)</small>	
		Note: Mechanically fastened to wood or steel.	
07 22 16 00-0395		Mechanically Fastened, 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) <small>(07 22 16 00-0394)</small>	

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07 22 16 00-0405	SF	6.75" Average Thickness (30.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	11.24
		<i>For Mechanically Fastened To Concrete, Add</i>	1.79
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	2.01
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.54
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.86
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.08
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.31
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.31
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.63

07 22 16 00-0406 Mechanically Fastened, 1/4" Slope, Tapered Expanded Polystyrene Board (EPS)
(07 22 16 00-0394)

07 22 16 00-0407	SF	2" Average Thickness (9 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	3.80
		<i>For Mechanically Fastened To Concrete, Add</i>	1.61
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.86
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.71
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.01
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.25
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.01
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.38
07 22 16 00-0408	SF	3" Average Thickness (13.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	5.60
		<i>For Mechanically Fastened To Concrete, Add</i>	1.66
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.91
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.12
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.37
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.18
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.56
07 22 16 00-0409	SF	4" Average Thickness (18 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	6.58
		<i>For Mechanically Fastened To Concrete, Add</i>	1.70
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.91
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.94
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.47
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.42
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.40
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.72
07 22 16 00-0410	SF	5" Average Thickness (22.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	8.45
		<i>For Mechanically Fastened To Concrete, Add</i>	1.75
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.96
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.12
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.44
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.64
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.67
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.66
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.97
07 22 16 00-0411	SF	6" Average Thickness (27 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	9.82
		<i>For Mechanically Fastened To Concrete, Add</i>	1.79
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.66
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.65
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.97
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.82
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.46
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.46
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.24
07 22 16 00-0412	SF	7" Average Thickness (31.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	11.46
		<i>For Mechanically Fastened To Concrete, Add</i>	1.79
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	2.01
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.54
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.86
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.08
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.31
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.31
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.63

07 22 16 00-0413 Mechanically Fastened, 1/2" Slope, Tapered Expanded Polystyrene Board (EPS)
(07 22 16 00-0394)

07 22 16 00-0414	SF	3.5" Average Thickness (15.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	6.04
		<i>For Mechanically Fastened To Concrete, Add</i>	1.66
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.95
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.12
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.41
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.18
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.61

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0415	SF		5.5" Average Thickness (24.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	8.89	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.75	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.96	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.12	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.44	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.64	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.67	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.66	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.97	
07 22 16 00-0416	SF		7.5" Average Thickness (33.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	11.90	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.79	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	2.01	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.54	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.86	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.08	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.31	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.31	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.63	
07 22 16 00-0417	SF		9.5" Average Thickness (42.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	15.49	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.83	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	2.11	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	3.44	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	3.17	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	5.15	
07 22 16 00-0418			Mechanically Fastened, Tapered Extruded Polystyrene Board (XEPS) (07 22 16 00-0369) Note: Mechanically fastened to wood or steel.		
07 22 16 00-0419			Mechanically Fastened, 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) (07 22 16 00-0418)		
07 22 16 00-0420	SF		2.25" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	4.54	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.61	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.86	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.71	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.01	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.25	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.01	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.38	
07 22 16 00-0421	SF		2.75" Average Thickness (15.125 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	5.90	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.91	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.12	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.37	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.18	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.56	
07 22 16 00-0422	SF		3.25" Average Thickness (17.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	7.74	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.95	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.12	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.18	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.61	
07 22 16 00-0423	SF		3.75" Average Thickness (20.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	7.11	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.70	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.91	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.94	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.47	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.42	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.40	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.72	
07 22 16 00-0424	SF		4.25" Average Thickness (23.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	7.66	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.70	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.96	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.94	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.52	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.42	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.40	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.79	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 22 16 00-0425	SF	4.75" Average Thickness (26.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	9.10
		<i>For Mechanically Fastened To Concrete, Add</i>	1.75
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.96
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.12
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.44
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.64
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.67
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.66
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.97
07 22 16 00-0426	SF	5.25" Average Thickness (28.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	9.65
		<i>For Mechanically Fastened To Concrete, Add</i>	1.75
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.96
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.12
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.44
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.64
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.67
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.66
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.97
07 22 16 00-0427	SF	5.75" Average Thickness (31.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	10.69
		<i>For Mechanically Fastened To Concrete, Add</i>	1.79
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.66
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.65
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.97
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.82
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.46
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.46
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.24
07 22 16 00-0428	SF	6.25" Average Thickness (34.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	11.24
		<i>For Mechanically Fastened To Concrete, Add</i>	1.79
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.66
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.65
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.97
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.82
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.46
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.46
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.24
07 22 16 00-0429	SF	6.75" Average Thickness (37.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	12.45
		<i>For Mechanically Fastened To Concrete, Add</i>	1.79
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	2.01
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.54
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.86
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.08
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.31
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.31
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.63
07 22 16 00-0430		Mechanically Fastened, 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS) (07 22 16 00-0418)	
07 22 16 00-0431	SF	2" Average Thickness (11 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	4.26
		<i>For Mechanically Fastened To Concrete, Add</i>	1.61
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.86
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.71
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.01
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.25
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.01
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.38
07 22 16 00-0432	SF	3" Average Thickness (16.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	6.17
		<i>For Mechanically Fastened To Concrete, Add</i>	1.66
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.91
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.12
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.37
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.18
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.56
07 22 16 00-0433	SF	4" Average Thickness (22 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	7.38
		<i>For Mechanically Fastened To Concrete, Add</i>	1.70
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.91
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.94
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.47
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.42
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.40
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.72

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 22 16 00-0434	SF		5" Average Thickness (27.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	9.37	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.75	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.96	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.12	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.44	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.64	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.67	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.66	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.97	
07 22 16 00-0435	SF		6" Average Thickness (33 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	10.97	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.79	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.66	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.65	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.97	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.82	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.46	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.46	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.24	
07 22 16 00-0436	SF		7" Average Thickness (38.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	12.72	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.79	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	2.01	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.54	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.86	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.08	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.31	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.31	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.63	
07 22 16 00-0437			Mechanically Fastened, 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS) <small>(07 22 16 00-0418)</small>		
07 22 16 00-0438	SF		3.5" Average Thickness (19.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	6.73	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.95	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.12	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.18	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.61	
07 22 16 00-0439	SF		5.5" Average Thickness (30.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	9.93	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.75	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.96	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.12	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.44	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.64	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.67	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.66	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.97	
07 22 16 00-0440	SF		7.5" Average Thickness (41.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	13.28	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.79	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	2.01	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.54	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.86	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.08	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.31	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.31	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.63	
07 22 16 00-0441	SF		9.5" Average Thickness (52.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	16.61	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.83	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	2.11	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	3.44	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	3.17	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	5.15	
07 22 16 00-0442			Mechanically Fastened, Tapered Perlite Board <small>(07 22 16 00-0369)</small>		
			Note: Mechanically fastened to wood or steel.		
07 22 16 00-0443			Mechanically Fastened, 1/8" Slope, Tapered Perlite Board <small>(07 22 16 00-0442)</small>		
07 22 16 00-0444	SF		2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	5.33	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.61	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.86	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.71	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.01	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.25	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.01	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.38	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 22 16 00-0445	SF 2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	7.05
	<i>For Mechanically Fastened To Concrete, Add</i>	1.66
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.91
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.12
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.37
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.18
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.56
07 22 16 00-0446	SF 3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	7.89
	<i>For Mechanically Fastened To Concrete, Add</i>	1.66
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.95
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.12
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.41
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.18
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.61
07 22 16 00-0447	SF 3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	8.32
	<i>For Mechanically Fastened To Concrete, Add</i>	1.70
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.91
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.94
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.47
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.42
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.40
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.72
07 22 16 00-0448	SF 4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	9.17
	<i>For Mechanically Fastened To Concrete, Add</i>	1.70
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.96
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.94
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.52
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.42
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.40
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.79
07 22 16 00-0449	SF 4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	10.95
	<i>For Mechanically Fastened To Concrete, Add</i>	1.75
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.96
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.12
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.44
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.64
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.67
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.66
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.97
07 22 16 00-0450	SF 5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	11.79
	<i>For Mechanically Fastened To Concrete, Add</i>	1.75
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.96
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.12
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.44
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.64
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.67
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.66
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.97
07 22 16 00-0451	SF 5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	12.61
	<i>For Mechanically Fastened To Concrete, Add</i>	1.79
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.66
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.65
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.97
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.82
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.46
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.46
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.24
07 22 16 00-0452	SF 6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	13.45
	<i>For Mechanically Fastened To Concrete, Add</i>	1.79
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.66
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.65
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.97
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.82
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.46
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.46
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.24
07 22 16 00-0453	SF 6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	15.01
	<i>For Mechanically Fastened To Concrete, Add</i>	1.79
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	2.01
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.54
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.86
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.08
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.31
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.31
	<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.63

07 22 16 00-0454 Mechanically Fastened, 1/4" Slope, Tapered Perlite Board (07 22 16 00-0442)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0455	SF	2"	Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....	4.91	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.61	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.86	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.71	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.01	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.25	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.01	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.38	
07 22 16 00-0456	SF	3"	Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....	7.47	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.91	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.12	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.37	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.18	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.56	
07 22 16 00-0457	SF	4"	Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....	8.75	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.70	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.91	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.94	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.47	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.42	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.40	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.72	
07 22 16 00-0458	SF	5"	Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....	11.37	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.75	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.96	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.12	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.44	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.64	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.67	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.66	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.97	
07 22 16 00-0459	SF	6"	Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....	13.03	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.79	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.66	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.65	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.97	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.82	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.46	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.46	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.24	
07 22 16 00-0460	SF	7"	Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....	15.44	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.79	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	2.01	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.54	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.86	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.08	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.31	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.31	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.63	
07 22 16 00-0461			Mechanically Fastened, 1/2" Slope, Tapered Perlite Board <small>(07 22 16 00-0442)</small>		
07 22 16 00-0462	SF	3.5"	Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened.....	8.31	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.95	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.12	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.18	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.61	
07 22 16 00-0463	SF	5.5"	Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened.....	12.21	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.75	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.96	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.12	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.44	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.64	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.67	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.66	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.97	
07 22 16 00-0464	SF	7.5"	Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened.....	16.28	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.79	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	2.01	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.54	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.86	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.08	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.31	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.31	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.63	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 22 16 00-0465	SF	9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened.....	20.48
		<i>For Mechanically Fastened To Concrete, Add</i>	1.83
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	2.11
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	3.44
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.08
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	3.17
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	5.15
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.63

07 22 16 00-0466 Demolish Rigid Board Roofing Insulation (07 22 16)

Note: Includes removing any combination of roofing insulation systems and/or recovery board. Includes removal of any basic roof accessories and any sheet metals, except special existing conditions (mechanical equipment piping, electrical, ducts, etc.).

07 22 16 00-0467	SF	Demolish Up To 1/2" Average Thickness, Rigid Board Roofing Insulation	0.62
07 22 16 00-0468	SF	Demolish >1/2" To 1" Average Thickness, Rigid Board Roofing Insulation	0.63
07 22 16 00-0469	SF	Demolish >1" To 2" Average Thickness, Rigid Board Roofing Insulation	0.65
07 22 16 00-0470	SF	Demolish >2" To 3" Average Thickness, Rigid Board Roofing Insulation	0.68
07 22 16 00-0471	SF	Demolish >3" To 4" Average Thickness, Rigid Board Roofing Insulation	0.69
07 22 16 00-0472	SF	Demolish >4" To 5" Average Thickness, Rigid Board Roofing Insulation	0.71
07 22 16 00-0473	SF	Demolish >5" To 6" Average Thickness, Rigid Board Roofing Insulation	0.72
07 22 16 00-0474	SF	Demolish >6" To 7" Average Thickness, Rigid Board Roofing Insulation	0.74
07 22 16 00-0475	SF	Demolish >7" To 8" Average Thickness, Rigid Board Roofing Insulation	0.76
07 22 16 00-0476	SF	Demolish >8" To 9" Average Thickness, Rigid Board Roofing Insulation	0.78
07 22 16 00-0477	SF	Demolish >9" To 10" Average Thickness, Rigid Board Roofing Insulation	0.79
07 22 16 00-0478	SF	Demolish >10" To 11" Average Thickness, Rigid Board Roofing Insulation.....	0.81
07 22 16 00-0479	SF	Demolish >11" To 12" Average Thickness, Rigid Board Roofing Insulation.....	0.83

07 24 Exterior Insulation and Finish Systems (07 20)**07 24 13 Polymer-Based Exterior Insulation and Finish System (07 24)****07 24 13 00-0001 Exterior Insulation Finishing System (EIFS) (07 24 13)****07 24 13 00-0002 Insulation For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001)**

07 24 13 00-0003	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied.....	4.10
		<i>For Up To 100, Add</i>	0.85
		<i>For >100 To 500, Add</i>	0.43
		<i>For >5,000, Deduct</i>	-0.17
		<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	1.50
		<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	2.23
07 24 13 00-0004	SF	1-1/2" Thick, R5.78, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied.....	4.66
		<i>For Up To 100, Add</i>	0.87
		<i>For >100 To 500, Add</i>	0.43
		<i>For >5,000, Deduct</i>	-0.17
		<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	1.53
		<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	2.24
07 24 13 00-0005	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied.....	5.22
		<i>For Up To 100, Add</i>	0.88
		<i>For >100 To 500, Add</i>	0.44
		<i>For >5,000, Deduct</i>	-0.18
		<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	1.69
		<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	2.38
07 24 13 00-0006	SF	2-1/2" Thick, R9.63, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied.....	5.78
		<i>For Up To 100, Add</i>	0.89
		<i>For >100 To 500, Add</i>	0.44
		<i>For >5,000, Deduct</i>	-0.18
		<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	1.77
		<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	2.51
07 24 13 00-0007	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied.....	6.33
		<i>For Up To 100, Add</i>	0.90
		<i>For >100 To 500, Add</i>	0.45
		<i>For >5,000, Deduct</i>	-0.18
		<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	1.77
		<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	2.51
07 24 13 00-0008	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied.....	7.42
		<i>For Up To 100, Add</i>	0.91
		<i>For >100 To 500, Add</i>	0.45
		<i>For >5,000, Deduct</i>	-0.18
		<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	1.98
		<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	2.68

07 24 13 00-0009 Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001)

Note: Includes applying a layer of base coat to the insulation board and fully embedding the reinforcing fabric in the wet base coat.

07 24 13 00-0010	SF	4.3 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit S-Mesh), Embedded In A Layer Of Base Coat.....	5.33
		<i>For Up To 100, Add</i>	1.70
		<i>For >100 To 500, Add</i>	0.85
		<i>For >5,000, Deduct</i>	-0.34

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 24 13 00-0011	SF		6.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit SP-Mesh), Embedded In A Layer Of Base Coat .....5.90 <i>For Up To 100, Add 1.70</i> <i>For >100 To 500, Add 0.85</i> <i>For >5,000, Deduct -0.34</i>		
07 24 13 00-0012	SF		15.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit Panzer® 15), Embedded In A Layer Of Base Coat .....7.44 <i>For Up To 100, Add 1.70</i> <i>For >100 To 500, Add 0.85</i> <i>For >5,000, Deduct -0.34</i>		
07 24 13 00-0013	SF		20.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit Panzer® 20), Embedded In A Layer Of Base Coat .....7.90 <i>For Up To 100, Add 1.70</i> <i>For >100 To 500, Add 0.85</i> <i>For >5,000, Deduct -0.34</i>		
07 24 13 00-0014			Base Coats For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001)		
07 24 13 00-0015	SF		Polymer-Based, Fiber-Reinforced Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Genesis® DM).....2.60 <i>For Up To 100, Add 0.85</i> <i>For >100 To 500, Add 0.43</i> <i>For >5,000, Deduct -0.17</i>		
07 24 13 00-0016	SF		Acrylic-Modified, Fiber-Reinforced Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Genesis®).....3.02 <i>For Up To 100, Add 0.85</i> <i>For >100 To 500, Add 0.43</i> <i>For >5,000, Deduct -0.17</i>		
07 24 13 00-0017	SF		Water Resistant, Acrylic Co-Polymer Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Dryflex®) .....5.31 <i>For Up To 100, Add 0.85</i> <i>For >100 To 500, Add 0.43</i> <i>For >5,000, Deduct -0.17</i>		
07 24 13 00-0018	SF		Hydrostatic Water Resistant, Acrylic Co-Polymer Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Dryflex®).....7.11 <i>For Up To 100, Add 0.85</i> <i>For >100 To 500, Add 0.43</i> <i>For >5,000, Deduct -0.17</i>		
07 24 13 00-0019			Finish Coats For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001) Note: Includes all standard manufacturers' colors.		
07 24 13 00-0020	SF		100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit DPR Finish).....4.42 <i>For Up To 100, Add 1.70</i> <i>For >100 To 500, Add 0.85</i> <i>For >5,000, Deduct -0.34</i>		
07 24 13 00-0021	SF		100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit DPR Finish) .....4.51 <i>For Up To 100, Add 1.70</i> <i>For >100 To 500, Add 0.85</i> <i>For >5,000, Deduct -0.34</i>		
07 24 13 00-0022	SF		Lightweight Elastic, 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit E™ Finish) .....5.18 <i>For Up To 100, Add 1.70</i> <i>For >100 To 500, Add 0.85</i> <i>For >5,000, Deduct -0.34</i>		
07 24 13 00-0023	SF		Lightweight Elastic, 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit E™ Finish) .....5.77 <i>For Up To 100, Add 1.70</i> <i>For >100 To 500, Add 0.85</i> <i>For >5,000, Deduct -0.34</i>		
07 24 13 00-0024	SF		Mildew Resistant, 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit PMR™ Finish).....5.18 <i>For Up To 100, Add 1.70</i> <i>For >100 To 500, Add 0.85</i> <i>For >5,000, Deduct -0.34</i>		
07 24 13 00-0025	SF		Mildew Resistant, 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit PMR™ Finish).....5.77 <i>For Up To 100, Add 1.70</i> <i>For >100 To 500, Add 0.85</i> <i>For >5,000, Deduct -0.34</i>		
07 24 13 00-0026	SF		Flexible Elastomeric, 100% Acrylic-Based Smooth Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Weatherlastic® Smooth) .....4.61 <i>For Up To 100, Add 1.70</i> <i>For >100 To 500, Add 0.85</i> <i>For >5,000, Deduct -0.34</i>		
07 24 13 00-0027	SF		Flexible Elastomeric, 100% Acrylic-Based Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Weatherlastic®).....5.22 <i>For Up To 100, Add 1.70</i> <i>For >100 To 500, Add 0.85</i> <i>For >5,000, Deduct -0.34</i>		
07 24 13 00-0028	SF		100% Acrylic-Based Finish With Multi-Colored Quartz Aggregates, Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Ameristone™) .....10.51 <i>For Up To 100, Add 1.70</i> <i>For >100 To 500, Add 0.85</i> <i>For >5,000, Deduct -0.34</i>		
07 24 13 00-0029			Primer And Sealers For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00- 0001)		

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 24 Exterior Insulation and Finish Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 24 13 00-0030	SF	100% Acrylic-Based Primer/Adhesion Promoter For Exterior Insulation Finishing Systems (EIFS) (Dryvit Prymit®)	1.32	
		<i>For Up To 100, Add</i>	0.48	
		<i>For >100 To 500, Add</i>	0.24	
		<i>For >5,000, Deduct</i>	-0.10	
07 24 13 00-0031	SF	100% Acrylic Emulsion Primer/Sealer For Exterior Insulation Finishing Systems (EIFS) (Dryvit SealClear™)	1.35	
		<i>For Up To 100, Add</i>	0.48	
		<i>For >100 To 500, Add</i>	0.24	
		<i>For >5,000, Deduct</i>	-0.10	
07 24 13 00-0032		Air/Water/Vapor Barriers For Exterior Insulation Finishing Systems (EIFS) ^(07 24 13 00-0001)		
07 24 13 00-0033	SF	Smooth, High Performance, Polymer-Based, Non-Cementitious Water-Resistive Membrane And Air Barrier For Exterior Insulation Finishing Systems (EIFS) (Dryvit Backstop® NT™), Per Coat	1.82	
		<i>For Up To 100, Add</i>	0.48	
		<i>For >100 To 500, Add</i>	0.24	
		<i>For >5,000, Deduct</i>	-0.10	
07 24 13 00-0034	SF	Texture, High Performance, Polymer-Based, Non-Cementitious Water-Resistive Membrane And Air Barrier For Exterior Insulation Finishing Systems (EIFS) (Dryvit Backstop® NT™), Per Coat	2.25	
		<i>For Up To 100, Add</i>	0.48	
		<i>For >100 To 500, Add</i>	0.24	
		<i>For >5,000, Deduct</i>	-0.10	
07 24 13 00-0035		Drainage Accessories For Exterior Insulation Finishing Systems (EIFS) ^(07 24 13 00-0001)		
07 24 13 00-0036	SF	1/8" Thick, Flexible Polyamide Drainage Mat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Drainage Mat)	2.79	
		<i>For Up To 100, Add</i>	0.53	
		<i>For >100 To 500, Add</i>	0.27	
		<i>For >5,000, Deduct</i>	-0.11	
07 24 13 00-0037		Starter Tracks For Exterior Insulation Finishing Systems (EIFS) ^(07 24 13 00-0001)		
07 24 13 00-0038	LF	1" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP)	4.06	
07 24 13 00-0039	LF	1-1/2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP)	4.38	
07 24 13 00-0040	LF	2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP)	4.76	
07 24 13 00-0041	LF	3" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP)	5.53	
07 24 13 00-0042	LF	1" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	4.38	
07 24 13 00-0043	LF	1-1/2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	4.76	
07 24 13 00-0044	LF	2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	5.12	
07 24 13 00-0045	LF	3" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	5.98	
07 24 13 00-0046		Demolish Exterior Insulation Finishing Systems (EIFS) ^(07 24 13 00-0001)		
07 24 13 00-0047	SF	Demolish Exterior Insulation Finishing Systems (EIFS) Note: Includes demolition of all finish coats, base coats, reinforcing layers and insulation layers down to the substrate. Excludes demolition of sheathing.	7.13	
		<i>For Up To 100, Add</i>	3.57	
		<i>For >100 To 500, Add</i>	1.78	
		<i>For >5,000, Deduct</i>	-0.71	

07 25 Weather Barriers ⁽⁰⁷⁾**07 26 Vapor Retarders** ^(07 25)**07 26 13 Above-Grade Vapor Retarders** ^(07 26)

07 26 13 00-0001	CSF	Two Layer Kraft Paper Laminated With Asphalt, Grade "B" Building Paper (Aquabar B)	31.46	
07 26 13 00-0002	CSF	Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Jumbo Tex)	29.28	
07 26 13 00-0003	CSF	60 Minute Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Super Jumbo Tex 60 Minute)	36.26	
07 26 13 00-0004	CSF	Two Ply 60 Minute Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Two Ply Super Jumbo Tex 60 Minute)	46.50	
07 26 13 00-0005	CSF	Regular Weight Red Rosin Sized Sheathing	27.02	
07 26 13 00-0006	CLF	6" Wide Two Layer Kraft Paper Laminated With Asphalt, Building Flashing Paper (Bond Beam Paper)	91.07	
07 26 13 00-0007	CLF	4" Wide Self Adhering Butyl Sealing Tape	136.71	
07 26 13 00-0008	CLF	6" Wide Self Adhesive Butyl Sealing Tape	196.31	
07 26 13 00-0009	CLF	9" Wide Self Adhesive Butyl Sealing Tape	271.43	
07 26 13 00-0010	CSF	Building Wrap (Tyvek)	71.54	

07 27 Air Barriers ^(07 25)**07 27 23 Board Product Air Barriers** ^(07 27)**07 27 23 00-0001 Barriers For Plenums** ^(07 27 23)

07 27 23 00-0002	SF	0.5" Thick Leaded Vinyl Acoustic Plenum Barrier 0.48 LB/SF	12.97	3.49
		<i>For Up To 50, Add</i>	4.68	
		<i>For >50 To 200, Add</i>	2.67	
		<i>For >200 To 500, Add</i>	0.99	
		<i>For >2,500, Deduct</i>	-0.65	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 27 23 00-0003	SF		0.625" Thick Lead Vinyl Acoustic Plenum Barrier 0.87 LB/SF	14.04	3.49
			<i>For Up To 50, Add</i>	5.11	
			<i>For >50 To 200, Add</i>	2.91	
			<i>For >200 To 500, Add</i>	1.08	
			<i>For >2,500, Deduct</i>	-0.70	
07 27 23 00-0004	SF		Aluminum Foil Fiberglass Reinforced Plenum Bar Parallel With Joists 1" Thick	4.96	2.32
			<i>For Up To 50, Add</i>	2.44	
			<i>For >50 To 200, Add</i>	1.34	
			<i>For >200 To 500, Add</i>	0.46	
			<i>For >2,500, Deduct</i>	-0.25	
07 27 23 00-0005	SF		Aluminum Foil Fiberglass Reinforced Plenum Bar Perpendicular With Joists 1" Thick	9.04	3.49
			<i>For Up To 50, Add</i>	4.36	
			<i>For >50 To 200, Add</i>	2.41	
			<i>For >200 To 500, Add</i>	0.83	
			<i>For >2,500, Deduct</i>	-0.45	
07 27 23 00-0006	SF		Aluminum Mesh Barrier For Plenum Kraft Paper Backed	6.41	2.32
			<i>For Up To 50, Add</i>	2.65	
			<i>For >50 To 200, Add</i>	1.49	
			<i>For >200 To 500, Add</i>	0.53	
			<i>For >2,500, Deduct</i>	-0.32	
07 27 23 00-0007	SF		1/64" Thick Sheet Lead Barrier For Plenum 1 LB/SF	9.96	2.32
			<i>For Up To 50, Add</i>	3.04	
			<i>For >50 To 200, Add</i>	1.77	
			<i>For >200 To 500, Add</i>	0.69	
			<i>For >2,500, Deduct</i>	-0.50	

07 30 Steep Slope Roofing (07)

Note: Includes starter strips and manufacturer's product specific warranties.

07 31 Shingles and Shakes (07 30)

07 31 13 Asphalt Shingles (07 31)

07 31 13 13 Fiberglass-Reinforced Asphalt Shingles (07 31 13)

07 31 13 13-0001 Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (07 31 13 13)

Note: Excludes underlayment, drip edges, and ridge vent/shingles.

07 31 13 13-0002	SQ		200 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed CT 20)	287.79	203.40
			<i>For >35 To 75, Deduct</i>	-10.28	
			<i>For >75 To 100, Deduct</i>	-16.96	
			<i>For >100 To 200, Deduct</i>	-25.70	
			<i>For >200, Deduct</i>	-39.06	
			<i>For Steep Roof, Over 7 To 12, Add</i>	59.19	
07 31 13 13-0003	SQ		220 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 25)	301.84	213.62
			<i>For >35 To 75, Deduct</i>	-10.77	
			<i>For >75 To 100, Deduct</i>	-17.77	
			<i>For >100 To 200, Deduct</i>	-26.93	
			<i>For >200, Deduct</i>	-40.95	
			<i>For Steep Roof, Over 7 To 12, Add</i>	62.14	
07 31 13 13-0004	SQ		230 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 30)	345.79	224.27
			<i>For >35 To 75, Deduct</i>	-14.18	
			<i>For >75 To 100, Deduct</i>	-22.12	
			<i>For >100 To 200, Deduct</i>	-32.89	
			<i>For >200, Deduct</i>	-48.76	
			<i>For Steep Roof, Over 7 To 12, Add</i>	65.27	

07 31 13 13-0005 Architectural Fiberglass Reinforced, Asphalt Composition Shingle (07 31 13 13)

Note: Excludes underlayment, drip edges, and ridge vent/shingles.

07 31 13 13-0006	SQ		245 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark)	359.83	259.66
			<i>For >35 To 75, Deduct</i>	-12.38	
			<i>For >75 To 100, Deduct</i>	-20.76	
			<i>For >100 To 200, Deduct</i>	-31.61	
			<i>For >200, Deduct</i>	-48.36	
			<i>For Steep Roof, Over 7 To 12, Add</i>	75.53	
07 31 13 13-0007	SQ		240 LB/SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Highland Slate)	376.66	247.23
			<i>For >35 To 75, Deduct</i>	-15.18	
			<i>For >75 To 100, Deduct</i>	-23.84	
			<i>For >100 To 200, Deduct</i>	-35.54	
			<i>For >200, Deduct</i>	-52.85	
			<i>For Steep Roof, Over 7 To 12, Add</i>	71.94	
07 31 13 13-0008	SQ		265 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Plus)	408.77	272.65
			<i>For >35 To 75, Deduct</i>	-16.09	
			<i>For >75 To 100, Deduct</i>	-25.50	
			<i>For >100 To 200, Deduct</i>	-38.13	
			<i>For >200, Deduct</i>	-56.96	
			<i>For Steep Roof, Over 7 To 12, Add</i>	79.33	
07 31 13 13-0009	SQ		235 LB/SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Hatteras)	390.43	235.47
			<i>For >35 To 75, Deduct</i>	-17.64	
			<i>For >75 To 100, Deduct</i>	-26.52	
			<i>For >100 To 200, Deduct</i>	-38.92	
			<i>For >200, Deduct</i>	-56.68	
			<i>For Steep Roof, Over 7 To 12, Add</i>	68.50	

07 Thermal And Moisture Protection**07 30 Steep Slope Roofing****07 31 Shingles and Shakes**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 31 13 13-0010	SQ	300 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Premium)	441.98	286.29
		<i>For >35 To 75, Deduct</i>	-18.18	
		<i>For >75 To 100, Deduct</i>	-28.32	
		<i>For >100 To 200, Deduct</i>	-42.09	
		<i>For >200, Deduct</i>	-62.38	
		<i>For Steep Roof, Over 7 To 12, Add</i>	83.27	
07 31 13 13-0011	SQ	300 LB/SQ, 5" Exposure, Random Laminated Tabs, One Piece, Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Independence)	468.62	286.29
		<i>For >35 To 75, Deduct</i>	-20.84	
		<i>For >75 To 100, Deduct</i>	-31.51	
		<i>For >100 To 200, Deduct</i>	-46.36	
		<i>For >200, Deduct</i>	-67.70	
		<i>For Steep Roof, Over 7 To 12, Add</i>	83.27	
07 31 13 13-0012	SQ	355 LB/SQ, 4" Exposure, Sculpted Edge, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake)	512.25	315.59
		<i>For >35 To 75, Deduct</i>	-22.53	
		<i>For >75 To 100, Deduct</i>	-34.21	
		<i>For >100 To 200, Deduct</i>	-50.39	
		<i>For >200, Deduct</i>	-73.75	
		<i>For Steep Roof, Over 7 To 12, Add</i>	91.83	
07 31 13 13-0013	SQ	340 LB/SQ, 5" Exposure, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark TL)	506.08	300.61
		<i>For >35 To 75, Deduct</i>	-23.29	
		<i>For >75 To 100, Deduct</i>	-34.78	
		<i>For >100 To 200, Deduct</i>	-50.92	
		<i>For >200, Deduct</i>	-73.90	
		<i>For Steep Roof, Over 7 To 12, Add</i>	87.42	
07 31 13 13-0014	SQ	300 LB/SQ, 5" Exposure, Reflective Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Solaris)	501.38	286.29
		<i>For >35 To 75, Deduct</i>	-24.12	
		<i>For >75 To 100, Deduct</i>	-35.45	
		<i>For >100 To 200, Deduct</i>	-51.60	
		<i>For >200, Deduct</i>	-74.26	
		<i>For Steep Roof, Over 7 To 12, Add</i>	83.27	
07 31 13 13-0015	SQ	355 LB/SQ, 8" Exposure, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Centennial Slate)	583.97	315.59
		<i>For >35 To 75, Deduct</i>	-29.70	
		<i>For >75 To 100, Deduct</i>	-42.82	
		<i>For >100 To 200, Deduct</i>	-61.87	
		<i>For >200, Deduct</i>	-88.10	
		<i>For Steep Roof, Over 7 To 12, Add</i>	91.83	
07 31 13 13-0016	SQ	355 LB/SQ, 8" Exposure, Scalloped Cut, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Carriage House)	602.65	315.59
		<i>For >35 To 75, Deduct</i>	-31.57	
		<i>For >75 To 100, Deduct</i>	-45.06	
		<i>For >100 To 200, Deduct</i>	-64.86	
		<i>For >200, Deduct</i>	-91.83	
		<i>For Steep Roof, Over 7 To 12, Add</i>	91.83	
07 31 13 13-0017	SQ	480 LB/SQ, 4" Exposure, Sculpted Edge, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake TL)	669.11	348.00
		<i>For >35 To 75, Deduct</i>	-35.28	
		<i>For >75 To 100, Deduct</i>	-50.24	
		<i>For >100 To 200, Deduct</i>	-72.26	
		<i>For >200, Deduct</i>	-102.19	
		<i>For Steep Roof, Over 7 To 12, Add</i>	101.24	
07 31 13 13-0018	SQ	425 LB/SQ, 8" Exposure, Random Laminated Tabs, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed GrandManor)	657.26	331.35
		<i>For >35 To 75, Deduct</i>	-35.60	
		<i>For >75 To 100, Deduct</i>	-50.25	
		<i>For >100 To 200, Deduct</i>	-72.02	
		<i>For >200, Deduct</i>	-101.32	
		<i>For Steep Roof, Over 7 To 12, Add</i>	96.41	

07 31 13 13-0019 Asphalt Shingle Accessories (07 31 13 13)

07 31 13 13-0020	LF	Hip And Ridge Roll Vent	8.62	1.22
		Note: Excludes shingles.		
07 31 13 13-0021	LF	Three Tab Hip And Ridge Shingles	4.11	3.03
07 31 13 13-0022	LF	Architectural Hip And Ridge Shingles	4.92	3.37
07 31 13 13-0023	SQ	Demolish Each Additional Layer Of Shingles	94.32	

07 31 16 Metal Shingles (07 31)**07 31 16 00-0001 Aluminum Shingles (07 31 16)**

07 31 16 00-0002	SQ	Aluminum Shingles, Mill Finish, 0.020" Thick	801.30	195.07
		<i>For Colors, Anodized Finish, Add</i>	30.00	
		<i>For Bonderized Finish, Add</i>	47.00	
		<i>For 1" Factory Applied Polystyrene, Add</i>	37.00	
07 31 16 00-0003	SQ	Aluminum Shingles, Mill Finish, 0.030" Thick	1,087.88	213.20
		<i>For Colors, Anodized Finish, Add</i>	30.00	
		<i>For Bonderized Finish, Add</i>	47.00	
		<i>For 1" Factory Applied Polystyrene, Add</i>	37.00	
07 31 16 00-0004	LF	Aluminum Shingles, Ridge Cap, 0.020" Thick	14.57	2.81
07 31 16 00-0005	LF	Aluminum Shingles, Ridge Cap, 0.030" Thick	15.24	2.81
07 31 16 00-0006	LF	Aluminum Shingles, Valley Section, 0.020" Thick	9.56	2.81
07 31 16 00-0007	LF	Aluminum Shingles, Valley Section, 0.030" Thick	10.89	2.81

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 31 16 00-0008 Galvanized Steel Shingles (07 31 16)					
07 31 16 00-0009	SQ		24 Gauge, 0.0276" Thickness, Galvanized Steel Shingles	587.55	170.10
			For Factory Applied 1" Polystyrene Insulation, Add	24.75	
			For >50 To 75, Deduct	-9.89	
			For >75 To 100, Deduct	-25.82	
			For >100 To 200, Deduct	-44.22	
			For >200, Deduct	-60.14	
			For Steep Roof, Over 7 To 12, Add	108.88	
07 31 16 00-0010	SQ		26 Gauge, 0.0217" Thickness, Galvanized Steel Shingles	564.28	168.74
			For Factory Applied 1" Polystyrene Insulation, Add	24.75	
			For >50 To 75, Deduct	-9.08	
			For >75 To 100, Deduct	-24.32	
			For >100 To 200, Deduct	-41.83	
			For >200, Deduct	-57.07	
			For Steep Roof, Over 7 To 12, Add	107.96	
07 31 16 00-0011	SQ		24 Gauge, 0.0276" Thickness, Galvanized And Bonderized Steel Shingles.....	948.08	170.10
			For Factory Applied 1" Polystyrene Insulation, Add	24.75	
			For >50 To 75, Deduct	-24.31	
			For >75 To 100, Deduct	-51.05	
			For >100 To 200, Deduct	-83.87	
			For >200, Deduct	-110.61	
			For Steep Roof, Over 7 To 12, Add	108.88	
07 31 16 00-0012	SQ		26 Gauge, 0.0276" Thickness, Galvanized And Bonderized Steel Shingles.....	870.25	168.74
			For Factory Applied 1" Polystyrene Insulation, Add	24.75	
			For >50 To 75, Deduct	-21.32	
			For >75 To 100, Deduct	-45.74	
			For >100 To 200, Deduct	-75.49	
			For >200, Deduct	-99.91	
			For Steep Roof, Over 7 To 12, Add	107.96	
07 31 16 00-0013	LF		Galvanized Steel Shingles, Ridge Or Valley.....	9.66	2.27
			For Factory Applied 1" Polystyrene Insulation, Add	24.75	
			For >50 To 75, Deduct	-0.21	
			For >75 To 100, Deduct	-0.48	
			For >100 To 200, Deduct	-0.80	
			For >200, Deduct	-1.06	
			For Steep Roof, Over 7 To 12, Add	1.42	

07 31 26 Slate Shingles (07 31)
Note: Includes 30 LB felt and fasteners.

07 31 26 00-0001 Shingles Including 30 LB Felt And Nails (07 31 26)					
07 31 26 00-0002	SQ		Slate Shingles, Buckingham, Virginia Black, 3/16" Thick.....	1,522.16	290.15
			For >50 To 75, Deduct	-35.10	
			For >75 To 100, Deduct	-77.54	
			For >100 To 200, Deduct	-128.75	
			For >200, Deduct	-171.20	
			For Graduated Shapes, Add	131.62	
			For Steep Roof, Over 7 To 12, Add	206.31	
07 31 26 00-0003	SQ		Slate Shingles, Buckingham, Virginia Black, 1/4" Thick.....	1,764.24	290.15
			For >50 To 75, Deduct	-44.78	
			For >75 To 100, Deduct	-94.48	
			For >100 To 200, Deduct	-155.38	
			For >200, Deduct	-205.09	
			For Graduated Shapes, Add	167.93	
			For Steep Roof, Over 7 To 12, Add	206.31	
07 31 26 00-0004	SQ		Slate Shingles, Penn Black Bangor	1,691.61	290.15
			For >50 To 75, Deduct	-41.88	
			For >75 To 100, Deduct	-89.40	
			For >100 To 200, Deduct	-147.39	
			For >200, Deduct	-194.92	
			For Graduated Shapes, Add	157.03	
			For Steep Roof, Over 7 To 12, Add	206.31	
07 31 26 00-0005	SQ		Slate Shingles, Vermont, Unfading Colors, Green.....	1,715.82	290.15
			For >50 To 75, Deduct	-42.84	
			For >75 To 100, Deduct	-91.10	
			For >100 To 200, Deduct	-150.06	
			For >200, Deduct	-198.31	
			For Graduated Shapes, Add	160.67	
			For Steep Roof, Over 7 To 12, Add	206.31	
07 31 26 00-0006	SQ		Slate Shingles, Vermont, Unfading Colors, Semi-Weathered, Green/Gray	1,812.65	290.15
			For >50 To 75, Deduct	-46.72	
			For >75 To 100, Deduct	-97.87	
			For >100 To 200, Deduct	-160.71	
			For >200, Deduct	-211.86	
			For Graduated Shapes, Add	175.19	
			For Steep Roof, Over 7 To 12, Add	206.31	
07 31 26 00-0007	SQ		Slate Shingles, Vermont, Unfading Color, Purple	1,691.61	290.15
			For >50 To 75, Deduct	-41.88	
			For >75 To 100, Deduct	-89.40	
			For >100 To 200, Deduct	-147.39	
			For >200, Deduct	-194.92	
			For Graduated Shapes, Add	157.03	
			For Steep Roof, Over 7 To 12, Add	206.31	
07 31 26 00-0008	SQ		Slate Shingles, Vermont, Unfading Color, Black Or Gray	1,618.99	290.15
			For >50 To 75, Deduct	-38.97	
			For >75 To 100, Deduct	-84.32	
			For >100 To 200, Deduct	-139.41	
			For >200, Deduct	-184.75	
			For Graduated Shapes, Add	146.14	
			For Steep Roof, Over 7 To 12, Add	206.31	

07 Thermal And Moisture Protection**07 30 Steep Slope Roofing****07 31 Shingles and Shakes**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 31 26 00-0009	SQ	Slate Shingles, Vermont, Unfading Color, Red	3,131.63	290.15
		<i>For >50 To 75, Deduct</i>	-99.48	
		<i>For >75 To 100, Deduct</i>	-190.20	
		<i>For >100 To 200, Deduct</i>	-305.80	
		<i>For >200, Deduct</i>	-396.52	
		<i>For Graduated Shapes, Add</i>	373.04	
		<i>For Steep Roof, Over 7 To 12, Add</i>	206.31	
07 31 26 00-0010	SQ	Slate Shingles, Vermont, Unfading Color, Variegated Purple	1,691.61	290.15
		<i>For >50 To 75, Deduct</i>	-41.88	
		<i>For >75 To 100, Deduct</i>	-89.40	
		<i>For >100 To 200, Deduct</i>	-147.39	
		<i>For >200, Deduct</i>	-194.92	
		<i>For Graduated Shapes, Add</i>	157.03	
		<i>For Steep Roof, Over 7 To 12, Add</i>	206.31	

07 31 29 Wood Shingles and Shakes (07 31)**07 31 29 13 Wood Shingles (07 31 29)****07 31 29 13-0001 #1 Grade, Red Cedar Shingles (07 31 29 13)****07 31 29 13-0002 #1 Grade, Red Cedar Shingles Installed On Roofs (07 31 29 13-0001)**

07 31 29 13-0003	SQ	3-3/4" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	926.74	232.63
		<i>For Steep Roof, Over 7 To 12, Add</i>	148.88	
		<i>For Pressure-Impregnated Treated (Preservative), Add</i>	69.22	
07 31 29 13-0004	SQ	5" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	671.99	174.47
		<i>For Steep Roof, Over 7 To 12, Add</i>	111.66	
		<i>For Pressure-Impregnated Treated (Preservative), Add</i>	48.46	
07 31 29 13-0005	SQ	4-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	822.33	197.74
		<i>For Steep Roof, Over 7 To 12, Add</i>	126.55	
		<i>For Pressure-Impregnated Treated (Preservative), Add</i>	64.03	
07 31 29 13-0006	SQ	5-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	673.57	162.84
		<i>For Steep Roof, Over 7 To 12, Add</i>	104.22	
		<i>For Pressure-Impregnated Treated (Preservative), Add</i>	52.18	
07 31 29 13-0007	SQ	5-3/4" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	889.73	154.12
		<i>For Steep Roof, Over 7 To 12, Add</i>	98.63	
		<i>For Pressure-Impregnated Treated (Preservative), Add</i>	87.23	
07 31 29 13-0008	SQ	7-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	689.10	130.85
		<i>For Steep Roof, Over 7 To 12, Add</i>	83.74	
		<i>For Pressure-Impregnated Treated (Preservative), Add</i>	64.11	

07 31 29 13-0009 #1 Grade, Red Cedar Shingles Installed On Walls (07 31 29 13-0001)

07 31 29 13-0010	SQ	7" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall	649.47	209.37
		<i>For Pressure-Impregnated Treated (Preservative), Add</i>	34.61	
07 31 29 13-0011	SQ	8" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall	635.40	197.74
		<i>For Pressure-Impregnated Treated (Preservative), Add</i>	35.99	
07 31 29 13-0012	SQ	10-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall	648.42	171.57
		<i>For Pressure-Impregnated Treated (Preservative), Add</i>	45.79	

07 31 29 13-0013 #2 Grade, Red Cedar Shingles (07 31 29 13)**07 31 29 13-0014 #2 Grade, Red Cedar Shingles Installed On Roofs (07 31 29 13-0013)**

07 31 29 13-0015	SQ	3-1/2" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	861.26	244.26
		<i>For Steep Roof, Over 7 To 12, Add</i>	156.33	
		<i>For Pressure-Impregnated Treated (Preservative), Add</i>	55.91	
07 31 29 13-0016	SQ	4" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	768.13	221.00
		<i>For Steep Roof, Over 7 To 12, Add</i>	141.44	
		<i>For Pressure-Impregnated Treated (Preservative), Add</i>	48.92	
07 31 29 13-0017	SQ	4" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	819.01	221.00
		<i>For Steep Roof, Over 7 To 12, Add</i>	141.44	
		<i>For Pressure-Impregnated Treated (Preservative), Add</i>	56.55	
07 31 29 13-0018	SQ	4-1/2" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	730.87	197.74
		<i>For Steep Roof, Over 7 To 12, Add</i>	126.55	
		<i>For Pressure-Impregnated Treated (Preservative), Add</i>	50.31	
07 31 29 13-0019	SQ	5-3/4" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	713.93	154.12
		<i>For Steep Roof, Over 7 To 12, Add</i>	98.63	
		<i>For Pressure-Impregnated Treated (Preservative), Add</i>	60.86	
07 31 29 13-0020	SQ	6-1/2" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	583.52	133.76
		<i>For Steep Roof, Over 7 To 12, Add</i>	85.61	
		<i>For Pressure-Impregnated Treated (Preservative), Add</i>	47.40	

07 31 29 13-0021 #2 Grade, Red Cedar Shingles Installed On Walls (07 31 29 13-0013)

07 31 29 13-0022	SQ	6" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall	628.36	221.00
		<i>For Pressure-Impregnated Treated (Preservative), Add</i>	27.96	
07 31 29 13-0023	SQ	7" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall	607.24	209.37
		<i>For Pressure-Impregnated Treated (Preservative), Add</i>	28.28	
07 31 29 13-0024	SQ	9" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall	585.20	186.11
		<i>For Pressure-Impregnated Treated (Preservative), Add</i>	31.95	

07 31 29 16 Wood Shakes (07 31 29)**07 31 29 16-0001 #1 Grade, Red Cedar Shakes (07 31 29 16)****07 31 29 16-0002 #1 Grade, Red Cedar Shakes Installed On Roofs (07 31 29 16-0001)**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 31 29 16-0003	SQ		8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Pressure-Impregnated Treated (Preservative), Add</i>	676.22 120.97 44.73	189.01
07 31 29 16-0004	SQ		8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Pressure-Impregnated Treated (Preservative), Add</i>	775.61 120.97 59.64	189.01
07 31 29 16-0005	SQ		10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Pressure-Impregnated Treated (Preservative), Add</i>	718.24 98.63 61.50	154.12
07 31 29 16-0006	SQ		10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Pressure-Impregnated Treated (Preservative), Add</i>	760.48 98.63 67.84	154.12

07 31 29 16-0007 #1 Grade, Red Cedar Shakes Installed On Walls (07 31 29 16-0001)

07 31 29 16-0008	SQ		8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall <i>For Pressure-Impregnated Treated (Preservative), Add</i>	705.29 44.73	203.55
07 31 29 16-0009	SQ		8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall <i>For Pressure-Impregnated Treated (Preservative), Add</i>	804.68 59.64	203.55
07 31 29 16-0010	SQ		10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall <i>For Pressure-Impregnated Treated (Preservative), Add</i>	758.96 61.50	174.47
07 31 29 16-0011	SQ		10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall <i>For Pressure-Impregnated Treated (Preservative), Add</i>	801.20 67.84	174.47

07 31 29 19 Wood Shingles And Shakes Cap (07 31 29)

07 31 29 19-0001 Wood Hip And Ridge Cap For Wood Shingles Or Shakes (07 31 29 19)

07 31 29 19-0002	LF		Red Cedar Hip Or Ridge Cap For Wood Shingles Or Shakes <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Pressure-Impregnated Treated (Preservative) Ridge, Add</i>	11.39 1.13 1.18	1.51
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07 31 33 Composite Rubber Shingles (07 31)

07 31 33 00-0001	SQ		Class C Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure Note: Gray or black. <i>For Purple Or Green Color, Add</i> <i>For Brown Or Red Color, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i> <i>For >50 To 75, Deduct</i> <i>For >75 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i>	1,336.90 130.26 333.80 167.28 -20.35 -53.78 -87.20 -133.69	261.41
07 31 33 00-0002	SQ		Class A Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure Note: Fire resistant. Gray or black. <i>For Purple, Green, Brown Or Red, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i> <i>For >50 To 75, Deduct</i> <i>For >75 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i>	1,879.66 203.54 167.28 -33.92 -80.91 -127.91 -187.97	261.41
07 31 33 00-0003	SQ		Class C Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure Note: Beaver tail, chisel point or beveled edges. Gray or black. <i>For Purple, Green, Brown Or Red, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i> <i>For >50 To 75, Deduct</i> <i>For >75 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i>	1,560.39 373.55 167.28 -25.94 -64.95 -103.96 -156.04	261.41
07 31 33 00-0004	SQ		Class A Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure Note: Fire resistant. Beaver tail, chisel point or beveled edges. Gray or black. <i>For Purple, Green, Brown Or Red, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i> <i>For >50 To 75, Deduct</i> <i>For >75 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i>	1,991.40 161.55 167.28 -36.72 -86.50 -136.29 -199.14	261.41
07 31 33 00-0005	LF		Hip Or Ridge Polymeric Rubber Slate Shingle Note: Beveled or pointed edges, gray or black.	11.57	1.76

07 32 Roof Tiles (07 30)

07 32 13 Clay Roof Tiles (07 32)

Note: 8-1/4" x 11" exposure. Includes mortar, battens, fasteners, felt underlayment and 90# cap sheet.

07 32 13 00-0001 Clay Roofing Tile 8-1/4" x 11" Exposure (07 32 13)

Note: Includes mortar, battens, fasteners, felt underlayment and 90# cap sheet.

07 32 13 00-0002	SQ		Lanai Or Classic Tile, 158 Piece Per SQ <i>For >25 To 50, Deduct</i> <i>For >50 To 75, Deduct</i> <i>For >75 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i> <i>For 20 Year Warranty, Add</i>	1,342.04 -47.50 -92.92 -130.43 -160.03 -181.70 55.41	275.17
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07 Thermal And Moisture Protection

07 30 Steep Slope Roofing

07 32 Roof Tiles

 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 32 13 00-0003	SQ Americana (Most Colors) Tile Roofing, 158 Piece Per SQ.....	1,595.86	275.17
	For >25 To 50, Deduct	-62.73	
	For >50 To 75, Deduct	-118.31	
	For >75 To 100, Deduct	-163.43	
	For >100 To 200, Deduct	-198.10	
	For >200, Deduct	-222.31	
	For 20 Year Warranty, Add	73.18	
07 32 13 00-0004	SQ Americana (Green, Gray Or Brown) Tile, 158 Piece Per SQ.....	1,595.86	275.17
	For >25 To 50, Deduct	-62.73	
	For >50 To 75, Deduct	-118.31	
	For >75 To 100, Deduct	-163.43	
	For >100 To 200, Deduct	-198.10	
	For >200, Deduct	-222.31	
	For 20 Year Warranty, Add	73.18	
07 32 13 00-0005	SQ Americana (Blue) Tile, 158 Piece Per SQ.....	1,811.22	275.17
	For >25 To 50, Deduct	-75.65	
	For >50 To 75, Deduct	-139.84	
	For >75 To 100, Deduct	-191.43	
	For >100 To 200, Deduct	-230.40	
	For >200, Deduct	-256.77	
	For 20 Year Warranty, Add	88.26	
07 32 13 00-0006	SQ French Tile Roofing, Red, 133 Piece Per SQ.....	1,600.97	336.44
	For >25 To 50, Deduct	-55.69	
	For >50 To 75, Deduct	-109.63	
	For >75 To 100, Deduct	-154.30	
	For >100 To 200, Deduct	-189.68	
	For >200, Deduct	-215.78	
	For 20 Year Warranty, Add	64.97	
07 32 13 00-0007	SQ French Tile Roofing, Blue Or Green, 133 Piece Per SQ.....	1,979.83	336.44
	For >25 To 50, Deduct	-78.42	
	For >50 To 75, Deduct	-147.52	
	For >75 To 100, Deduct	-203.55	
	For >100 To 200, Deduct	-246.51	
	For >200, Deduct	-276.40	
	For 20 Year Warranty, Add	91.49	
07 32 13 00-0008	SQ Norman Tile Roofing, 317 Piece Per SQ.....	2,529.80	453.88
	For >25 To 50, Deduct	-97.34	
	For >50 To 75, Deduct	-184.92	
	For >75 To 100, Deduct	-256.28	
	For >100 To 200, Deduct	-311.41	
	For >200, Deduct	-350.32	
	For 20 Year Warranty, Add	113.56	
07 32 13 00-0009	SQ Williamsburg Tile Roofing, Aged Cedar, 158 Piece Per SQ.....	1,411.41	336.44
	For >25 To 50, Deduct	-44.31	
	For >50 To 75, Deduct	-90.68	
	For >75 To 100, Deduct	-129.65	
	For >100 To 200, Deduct	-161.25	
	For >200, Deduct	-185.45	
	For 20 Year Warranty, Add	51.70	
07 32 13 00-0010	SQ Williamsburg Tile Roofing, Gray Or Green, 158 Piece Per SQ.....	1,718.32	336.44
	For >25 To 50, Deduct	-62.73	
	For >50 To 75, Deduct	-121.37	
	For >75 To 100, Deduct	-169.55	
	For >100 To 200, Deduct	-207.28	
	For >200, Deduct	-234.56	
	For 20 Year Warranty, Add	73.18	
07 32 13 00-0011	SQ Spanish Tile Roofing, Red, 171 Piece Per SQ.....	1,203.21	251.91
	For >25 To 50, Deduct	-41.96	
	For >50 To 75, Deduct	-82.53	
	For >75 To 100, Deduct	-116.11	
	For >100 To 200, Deduct	-142.69	
	For >200, Deduct	-162.28	
	For 20 Year Warranty, Add	48.95	
07 32 13 00-0012	SQ Spanish Tile Roofing, Blend, 171 Piece Per SQ.....	1,533.94	251.91
	For >25 To 50, Deduct	-61.80	
	For >50 To 75, Deduct	-115.60	
	For >75 To 100, Deduct	-159.10	
	For >100 To 200, Deduct	-192.30	
	For >200, Deduct	-215.20	
	For 20 Year Warranty, Add	72.10	
07 32 13 00-0013	SQ Spanish Tile Roofing, Glazed White, 171 Piece Per SQ.....	1,818.53	251.91
	For >25 To 50, Deduct	-78.88	
	For >50 To 75, Deduct	-144.06	
	For >75 To 100, Deduct	-196.10	
	For >100 To 200, Deduct	-234.99	
	For >200, Deduct	-260.73	
	For 20 Year Warranty, Add	92.03	
07 32 13 00-0014	SQ Two Piece Mission Tile Roofing, 192 Piece Per SQ.....	2,219.78	394.87
	For >25 To 50, Deduct	-85.80	
	For >50 To 75, Deduct	-162.75	
	For >75 To 100, Deduct	-225.39	
	For >100 To 200, Deduct	-273.74	
	For >200, Deduct	-307.78	
	For 20 Year Warranty, Add	100.10	
07 32 13 00-0015	SQ One Piece Mission Tile Roofing, 75 Piece Per SQ.....	1,011.30	275.17
	For >25 To 50, Deduct	-27.65	
	For >50 To 75, Deduct	-59.85	
	For >75 To 100, Deduct	-87.44	
	For >100 To 200, Deduct	-110.42	
	For >200, Deduct	-128.78	
	For 20 Year Warranty, Add	32.26	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 32 13 00-0016	SQ		One Piece Mission Tile Roofing, 134 Piece Per SQ	1,354.49	394.87
			<i>For >25 To 50, Deduct</i>	-33.88	
			<i>For >50 To 75, Deduct</i>	-76.22	
			<i>For >75 To 100, Deduct</i>	-112.90	
			<i>For >100 To 200, Deduct</i>	-143.94	
			<i>For >200, Deduct</i>	-169.33	
			<i>For 20 Year Warranty, Add</i>	39.53	

07 32 16 Concrete Roof Tiles (07 32)

07 32 16 00-0001 Corrugated Tiles And Shakes Nailed To Wood (07 32 16)

Note: Includes 30 lb felt underlayment.

07 32 16 00-0002	SQ		13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Earthtone Colors, Corrugated	1,133.34	417.12
			<i>For >50 To 75, Deduct</i>	-11.96	
			<i>For >75 To 100, Deduct</i>	-41.79	
			<i>For >100 To 200, Deduct</i>	-74.61	
			<i>For >200, Deduct</i>	-104.43	
			<i>For Steep Roof, Over 7 To 12, Add</i>	266.99	
07 32 16 00-0003	SQ		13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Custom Blues, Corrugated	1,432.02	417.12
			<i>For >50 To 75, Deduct</i>	-23.91	
			<i>For >75 To 100, Deduct</i>	-62.70	
			<i>For >100 To 200, Deduct</i>	-107.46	
			<i>For >200, Deduct</i>	-146.25	
			<i>For Steep Roof, Over 7 To 12, Add</i>	266.99	
07 32 16 00-0004	SQ		13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Custom Greens Corrugated	1,193.08	417.12
			<i>For >50 To 75, Deduct</i>	-14.35	
			<i>For >75 To 100, Deduct</i>	-45.97	
			<i>For >100 To 200, Deduct</i>	-81.18	
			<i>For >200, Deduct</i>	-112.80	
			<i>For Steep Roof, Over 7 To 12, Add</i>	266.99	
07 32 16 00-0005	SQ		13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Colors, Shakes	1,120.18	373.20
			<i>For >50 To 75, Deduct</i>	-14.95	
			<i>For >75 To 100, Deduct</i>	-44.82	
			<i>For >100 To 200, Deduct</i>	-78.43	
			<i>For >200, Deduct</i>	-108.30	
			<i>For Steep Roof, Over 7 To 12, Add</i>	238.89	

07 32 16 00-0006 Accessories (07 32 16)

07 32 16 00-0007	EA		Ridge And Hip, 10" X 16-1/2", 8 LB Each For Concrete Tile Roof	5.04	
07 32 16 00-0008	EA		Rake, 6-1/2" X 16-3/4", 9 LB Each For Concrete Tile Roof	3.32	
07 32 16 00-0009	EA		Mansard Hip, 10" X 16-1/2", 9.2 LB Each For Concrete Tile Roof	5.01	
07 32 16 00-0010	EA		Hip Starter, 10" X 16-1/2", 10.5 LB Each For Concrete Tile Roof	5.74	
07 32 16 00-0011	EA		3 Or 4 Way Apex, 10" Each Side, 11.5 LB Each For Concrete Tile Roof	5.97	

07 34 Roofing Underlayment (07 34)

07 34 00 00-0001 Mechanically Fastened, Roofing Underlayment (07 34)

Note: Standard slope.

07 34 00 00-0002	SQ		15 LB, Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened	39.31	8.42
			<i>For Steep Roof, Over 7 To 12, Add</i>	5.39	
			<i>For >50 To 75, Deduct</i>	-0.90	
			<i>For >75 To 100, Deduct</i>	-1.99	
			<i>For >100 To 200, Deduct</i>	-3.31	
			<i>For >200, Deduct</i>	-4.83	
07 34 00 00-0003	SQ		30 LB, Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened	60.72	11.59
			<i>For Steep Roof, Over 7 To 12, Add</i>	7.41	
			<i>For >50 To 75, Deduct</i>	-1.50	
			<i>For >75 To 100, Deduct</i>	-3.21	
			<i>For >100 To 200, Deduct</i>	-5.29	
			<i>For >200, Deduct</i>	-7.57	
07 34 00 00-0004	SQ		30 LB, Asphalt Saturated Organic Felt Shake Underlayment, Mechanically Fastened	67.79	11.59
			<i>For Steep Roof, Over 7 To 12, Add</i>	7.41	
			<i>For >50 To 75, Deduct</i>	-1.78	
			<i>For >75 To 100, Deduct</i>	-3.70	
			<i>For >100 To 200, Deduct</i>	-6.07	
			<i>For >200, Deduct</i>	-8.56	
07 34 00 00-0005	SQ		Fire Rated, Polypropylene Roofing Underlayment, Mechanically Fastened (Rex™ Synfelt)	75.20	17.55
			<i>For Steep Roof, Over 7 To 12, Add</i>	11.23	
			<i>For >50 To 75, Deduct</i>	-1.60	
			<i>For >75 To 100, Deduct</i>	-3.68	
			<i>For >100 To 200, Deduct</i>	-6.17	
			<i>For >200, Deduct</i>	-9.12	
07 34 00 00-0006	SQ		17 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 25)	83.57	17.55
			<i>For Steep Roof, Over 7 To 12, Add</i>	11.23	
			<i>For >50 To 75, Deduct</i>	-1.94	
			<i>For >75 To 100, Deduct</i>	-4.27	
			<i>For >100 To 200, Deduct</i>	-7.09	
			<i>For >200, Deduct</i>	-10.30	
07 34 00 00-0007	SQ		25 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 30)	97.37	17.55
			<i>For Steep Roof, Over 7 To 12, Add</i>	11.23	
			<i>For >50 To 75, Deduct</i>	-2.49	
			<i>For >75 To 100, Deduct</i>	-5.24	
			<i>For >100 To 200, Deduct</i>	-8.60	
			<i>For >200, Deduct</i>	-12.23	

07 Thermal And Moisture Protection**07 30 Steep Slope Roofing****07 34 Roofing Underlayment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 34 00 00-0008	SQ	30 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 50).....	90.47	17.55
		<i>For Steep Roof, Over 7 To 12, Add</i>	11.23	
		<i>For >50 To 75, Deduct</i>	-2.21	
		<i>For >75 To 100, Deduct</i>	-4.75	
		<i>For >100 To 200, Deduct</i>	-7.85	
		<i>For >200, Deduct</i>	-11.26	

07 34 00 00-0009 Self-Adhering, Roofing Underlayment (07 34)

Note: Standard slope.

07 34 00 00-0010	SQ	48 Mil, Fire Rated, Polymeric Asphalt Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® Mat)	157.09	21.29
		<i>For Steep Roof, Over 7 To 12, Add</i>	13.62	
		<i>For >50 To 75, Deduct</i>	-4.58	
		<i>For >75 To 100, Deduct</i>	-9.08	
		<i>For >100 To 200, Deduct</i>	-14.73	
		<i>For >200, Deduct</i>	-20.29	
07 34 00 00-0011	SQ	60 Mil, Fire Rated, Granule Surfaced, Rubberized Asphalt Adhesive, Roofing Underlayment, Self-Adhering (Grace Basik®).....	237.08	21.29
		<i>For Steep Roof, Over 7 To 12, Add</i>	13.62	
		<i>For >50 To 75, Deduct</i>	-7.78	
		<i>For >75 To 100, Deduct</i>	-14.68	
		<i>For >100 To 200, Deduct</i>	-23.53	
		<i>For >200, Deduct</i>	-31.49	
07 34 00 00-0012	SQ	53 Mil, Fire Rated, Granule Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® G)	166.98	21.29
		<i>For Steep Roof, Over 7 To 12, Add</i>	13.62	
		<i>For >50 To 75, Deduct</i>	-4.98	
		<i>For >75 To 100, Deduct</i>	-9.77	
		<i>For >100 To 200, Deduct</i>	-15.81	
		<i>For >200, Deduct</i>	-21.67	
07 34 00 00-0013	SQ	65 Mil, Fire Rated, Polyester Non Woven Fabric Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self Adhering (Owens Corning® WeatherLock® Specialty Tile And Metal).....	157.09	21.29
		<i>For Steep Roof, Over 7 To 12, Add</i>	13.62	
		<i>For >50 To 75, Deduct</i>	-4.58	
		<i>For >75 To 100, Deduct</i>	-9.08	
		<i>For >100 To 200, Deduct</i>	-14.73	
		<i>For >200, Deduct</i>	-20.29	
07 34 00 00-0014	SQ	45 Mil, Fire Rated, High Temperature, Synthetic Polymer Surfaced, Modified Rubberized Asphalt, Roofing Underlayment, Self-Adhering (TITANIUM™ PSU-30)	225.54	21.29
		<i>For Steep Roof, Over 7 To 12, Add</i>	13.62	
		<i>For >50 To 75, Deduct</i>	-7.32	
		<i>For >75 To 100, Deduct</i>	-13.87	
		<i>For >100 To 200, Deduct</i>	-22.26	
		<i>For >200, Deduct</i>	-29.87	
07 34 00 00-0015	SQ	25 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Select).....	189.40	21.29
		<i>For Steep Roof, Over 7 To 12, Add</i>	13.62	
		<i>For >50 To 75, Deduct</i>	-5.87	
		<i>For >75 To 100, Deduct</i>	-11.34	
		<i>For >100 To 200, Deduct</i>	-18.28	
		<i>For >200, Deduct</i>	-24.81	
07 34 00 00-0016	SQ	40 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield®)	282.54	21.29
		<i>For Steep Roof, Over 7 To 12, Add</i>	13.62	
		<i>For >50 To 75, Deduct</i>	-9.60	
		<i>For >75 To 100, Deduct</i>	-17.86	
		<i>For >100 To 200, Deduct</i>	-28.53	
		<i>For >200, Deduct</i>	-37.85	
07 34 00 00-0017	SQ	40 Mil, Fire Rated, High Temperature, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield® HT).....	323.34	21.29
		<i>For Steep Roof, Over 7 To 12, Add</i>	13.62	
		<i>For >50 To 75, Deduct</i>	-11.23	
		<i>For >75 To 100, Deduct</i>	-20.72	
		<i>For >100 To 200, Deduct</i>	-33.01	
		<i>For >200, Deduct</i>	-43.57	
07 34 00 00-0018	SQ	30 Mil, Fire Rated, High Temperature, Fire Rated, Embossed Surface, Butyl Rubber Based Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ultra)	476.42	21.29
		<i>For Steep Roof, Over 7 To 12, Add</i>	13.62	
		<i>For >50 To 75, Deduct</i>	-17.35	
		<i>For >75 To 100, Deduct</i>	-31.43	
		<i>For >100 To 200, Deduct</i>	-49.85	
		<i>For >200, Deduct</i>	-65.00	

07 40 Roofing and Siding Panels (07)**07 41 Roof Panels (07 40)**

Note: Includes standard fasteners, grommets, cleats for installation.

07 41 13 Metal Roof Panels (07 41)

07 41 13 00-0001	Exposed Fastener Metal Roofing (07 41 13)	Note: Includes 15 year warranty and all warranties are no dollar limit to include material and labor.
07 41 13 00-0002	Galvanized Exposed Fastener Metal Roofing (07 41 13 00-0001)	
07 41 13 00-0003	Galvanized Steel Exposed Fastener Metal Roof Panels (07 41 13 00-0002)	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0004	SF		18 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels..... <i>For Fluoropolymer (Kynar®) Coating, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	8.30 1.38 1.34	2.61
07 41 13 00-0005	SF		20 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels..... <i>For Fluoropolymer (Kynar®) Coating, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	7.57 1.38 1.34	2.61
07 41 13 00-0006	SF		22 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels..... <i>For Fluoropolymer (Kynar®) Coating, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	7.06 1.38 1.34	2.61
07 41 13 00-0007	SF		24 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels..... <i>For Fluoropolymer (Kynar®) Coating, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	6.56 1.38 1.34	2.61
07 41 13 00-0008	SF		26 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels..... <i>For Fluoropolymer (Kynar®) Coating, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	6.14 1.38 1.34	2.61
07 41 13 00-0009	SF		28 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels..... <i>For Fluoropolymer (Kynar®) Coating, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	5.79 1.38 1.34	2.61
07 41 13 00-0010	SF		30 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels..... <i>For Fluoropolymer (Kynar®) Coating, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	5.64 1.38 1.34	2.61
07 41 13 00-0011			Galvanized Exposed Fastener Metal Roof Accessories (07 41 13 00-0002) See CSI section 07 41 13 00-0038 for accessories.		
07 41 13 00-0012	LF		Ridge Flashing For Galvanized Steel Exposed Fastener Roofing <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Fluoropolymer (Kynar®) Coating, Add</i>	26.97 3.51 1.60	2.71
07 41 13 00-0013	LF		9" To 12" Girth, Eave Or Gable Flashing For Galvanized Steel Exposed Fastener Roofing <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Fluoropolymer (Kynar®) Coating, Add</i>	16.81 2.34 0.95	1.78
07 41 13 00-0014	LF		Valley Flashing For Galvanized Steel Exposed Fastener Roofing <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Fluoropolymer (Kynar®) Coating, Add</i>	33.26 3.51 2.23	2.71
07 41 13 00-0015	LF		Hip Flashing For Galvanized Steel Exposed Fastener Roofing <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Fluoropolymer (Kynar®) Coating, Add</i>	27.55 3.51 1.66	2.71
07 41 13 00-0016			Aluminum Exposed Fastener Metal Roofing (07 41 13 00-0001)		
07 41 13 00-0017			Aluminum Exposed Fastener Metal Roof Panels (07 41 13 00-0016)		
07 41 13 00-0018	SF		0.0155", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels <i>For Fluoropolymer (Kynar®) Coating, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	5.71 1.38 1.34	2.61
07 41 13 00-0019	SF		0.018", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels <i>For Fluoropolymer (Kynar®) Coating, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	5.96 1.38 1.34	2.61
07 41 13 00-0020	SF		0.024", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels <i>For Fluoropolymer (Kynar®) Coating, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	6.55 1.38 1.34	2.61
07 41 13 00-0021	SF		0.032", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels <i>For Fluoropolymer (Kynar®) Coating, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	7.34 1.38 1.34	2.61
07 41 13 00-0022	SF		0.040", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels <i>For Fluoropolymer (Kynar®) Coating, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	8.14 1.38 1.34	2.61
07 41 13 00-0023	SF		0.050", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels <i>For Fluoropolymer (Kynar®) Coating, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	9.13 1.38 1.34	2.61
07 41 13 00-0024			Aluminum Exposed Fastener Metal Roof Accessories (07 41 13 00-0016)		
07 41 13 00-0025	LF		Ridge Flashing For Aluminum Exposed Fastener Metal Roofing..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Fluoropolymer (Kynar®) Coating, Add</i>	30.83 3.51 1.99	2.71
07 41 13 00-0026	LF		9" To 12" Girth, Eave Or Gable Flashing For Aluminum Exposed Fastener Metal Roofing..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Fluoropolymer (Kynar®) Coating, Add</i>	19.03 2.34 1.17	1.88
07 41 13 00-0027	LF		Valley Flashing For Aluminum Exposed Fastener Metal Roofing <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Fluoropolymer (Kynar®) Coating, Add</i>	38.69 3.51 2.77	2.71
07 41 13 00-0028	LF		Hip Flashing For Aluminum Exposed Fastener Metal Roofing <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Fluoropolymer (Kynar®) Coating, Add</i>	31.55 3.51 2.06	2.71
07 41 13 00-0029			Standing Seam Roofs (07 41 13) Note: Includes all profiles of vertical leg and batten style standing seam roofing. Includes all clips, neoprene closures, metal closures, battens, tape sealer, tube sealant, fasteners, vent material, panel starters and cleats. Based on Garland R-Mer Clad or R-Mer Seam architectural roofing, R-Mer Loc architectural/structural roofing, and R-Mer Span structural roofing. Architectural roofing requires a solid substrate and underlayment, requires a minimum 3:12 pitch, and includes a 20 year no dollar limit warranty. Architectural/structural roofing does not require a solid substrate or underlayment, requires a minimum 3:12 pitch, and includes a 25 year no dollar limit warranty. Structural roofing does not require a solid substrate or underlayment, requires a minimum 1/4" per foot slope, and includes a 25 year no dollar limit warranty.		
07 41 13 00-0030			Galvanized Steel Standing Seam Concealed Fastener Roofing (07 41 13 00-0029) Note: All steel is galvanized G90 rated or galvalume®. Factory paint finish is Kynar 500®, Hylar 5000® or equal polyvinylidene fluoride (PVDF) finish.		

07 Thermal And Moisture Protection

07 40 Roofing and Siding Panels

07 41 Roof Panels

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0031			Galvanized Steel Standing Seam Concealed Fastener Roofing (07 41 13 00-0030)		
07 41 13 00-0032	SF		Architectural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	12.83	2.77
			For Steep Roof, Over 6 To 12, Add	1.66	
			For 140 MPH Wind Load, Add	0.70	
			For Panels <16" Wide, Add	1.67	
			For Up To 1,500, Add	3.21	
			For >1,500 To 5,000, Add	1.92	
			For >5,000 To 10,000, Add	0.32	
07 41 13 00-0033	SF		Architectural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	13.52	2.77
			For Steep Roof, Over 6 To 12, Add	1.66	
			For 140 MPH Wind Load, Add	0.71	
			For Panels <16" Wide, Add	1.70	
			For Up To 1,500, Add	3.38	
			For >1,500 To 5,000, Add	2.03	
			For >5,000 To 10,000, Add	0.34	
07 41 13 00-0034	SF		Architectural/Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	12.23	2.77
			For Steep Roof, Over 6 To 12, Add	1.66	
			For 140 MPH Wind Load, Add	0.69	
			For Panels <16" Wide, Add	1.64	
			For Up To 1,500, Add	3.06	
			For >1,500 To 5,000, Add	1.83	
			For >5,000 To 10,000, Add	0.31	
07 41 13 00-0035	SF		Architectural/Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	12.47	2.77
			For Steep Roof, Over 6 To 12, Add	1.66	
			For 140 MPH Wind Load, Add	0.69	
			For Panels <16" Wide, Add	1.65	
			For Up To 1,500, Add	3.12	
			For >1,500 To 5,000, Add	1.87	
			For >5,000 To 10,000, Add	0.31	
07 41 13 00-0036	SF		Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	12.74	2.77
			For Steep Roof, Over 6 To 12, Add	1.66	
			For 140 MPH Wind Load, Add	0.70	
			For Panels <16" Wide, Add	1.66	
			For Up To 1,500, Add	3.19	
			For >1,500 To 5,000, Add	1.91	
			For >5,000 To 10,000, Add	0.32	
07 41 13 00-0037	SF		Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	13.74	2.77
			For Steep Roof, Over 6 To 12, Add	1.66	
			For 140 MPH Wind Load, Add	0.72	
			For Panels <16" Wide, Add	1.71	
			For Up To 1,500, Add	3.44	
			For >1,500 To 5,000, Add	2.06	
			For >5,000 To 10,000, Add	0.34	
07 41 13 00-0038			Accessories For Galvanized Steel Standing Seam Roofing (07 41 13 00-0030)		
07 41 13 00-0039	LF		Ridge Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	28.57	2.71
			For Steep Roof, Over 6 To 12, Add	3.29	
			For 140 MPH Wind Load, Add	1.45	
07 41 13 00-0040	LF		9" To 12" Girth, Eave Or Gable Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	17.76	1.88
			For Steep Roof, Over 6 To 12, Add	2.20	
			For 140 MPH Wind Load, Add	0.94	
07 41 13 00-0041	LF		Valley Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	35.49	2.71
			For Steep Roof, Over 6 To 12, Add	3.29	
			For 140 MPH Wind Load, Add	1.59	
07 41 13 00-0042	LF		Hip Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	29.20	2.71
			For Steep Roof, Over 6 To 12, Add	3.29	
			For 140 MPH Wind Load, Add	1.46	
07 41 13 00-0043			Aluminum Standing Seam Concealed Fastener Roofing (07 41 13 00-0029)		
			Note: Factory paint finish is Kynar 500®, Hylar 5000® or equal polyvinylidene fluoride (PVDF) finish.		
07 41 13 00-0044			Aluminum Standing Seam Concealed Fastener Roofing (07 41 13 00-0043)		
07 41 13 00-0045	SF		Architectural 0.032" Aluminum Standing Seam Concealed Fastener Roofing	13.31	2.77
			For Steep Roof, Over 6 To 12, Add	1.66	
			For 140 MPH Wind Load, Add	0.71	
			For Panels <16" Wide, Add	1.69	
			For Up To 1,500, Add	3.33	
			For >1,500 To 5,000, Add	2.00	
			For >5,000 To 10,000, Add	0.33	
07 41 13 00-0046	SF		Architectural 0.040" Aluminum Standing Seam Concealed Fastener Roofing	13.90	2.77
			For Steep Roof, Over 6 To 12, Add	1.66	
			For 140 MPH Wind Load, Add	0.72	
			For Panels <16" Wide, Add	1.72	
			For Up To 1,500, Add	3.48	
			For >1,500 To 5,000, Add	2.09	
			For >5,000 To 10,000, Add	0.35	
07 41 13 00-0047	SF		Architectural/Structural Or Structural 0.032" Aluminum Standing Seam Concealed Fastener Roofing	12.98	2.77
			For Steep Roof, Over 6 To 12, Add	1.66	
			For 140 MPH Wind Load, Add	0.70	
			For Panels <16" Wide, Add	1.67	
			For Up To 1,500, Add	3.25	
			For >1,500 To 5,000, Add	1.95	
			For >5,000 To 10,000, Add	0.32	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0048	SF		Architectural/Structural Or Structural 0.040" Aluminum Standing Seam Concealed Fastener Roofing <i>For Steep Roof, Over 6 To 12, Add</i> <i>For 140 MPH Wind Load, Add</i> <i>For Panels <16" Wide, Add</i> <i>For Up To 1,500, Add</i> <i>For >1,500 To 5,000, Add</i> <i>For >5,000 To 10,000, Add</i>	14.06 1.66 0.72 1.73 3.52 2.11 0.35	2.77
07 41 13 00-0049			Accessories For Aluminum Standing Seam Roofing (07 41 13 00-0043)		
07 41 13 00-0050	LF		Ridge Flashing For Aluminum Standing Seam Concealed Fastener Roofing..... <i>For Steep Roof, Over 6 To 12, Add</i> <i>For 140 MPH Wind Load, Add</i>	32.81 3.29 1.53	2.71
07 41 13 00-0051	LF		9" To 12" Girth, Eave Or Gable Flashing For Aluminum Standing Seam Concealed Fastener Roofing <i>For Steep Roof, Over 6 To 12, Add</i> <i>For 140 MPH Wind Load, Add</i>	20.20 2.20 0.99	1.88
07 41 13 00-0052	LF		Valley Flashing For Aluminum Standing Seam Concealed Fastener Roofing <i>For Steep Roof, Over 6 To 12, Add</i> <i>For 140 MPH Wind Load, Add</i>	41.46 3.29 1.71	2.71
07 41 13 00-0053	LF		Hip Flashing For Aluminum Standing Seam Concealed Fastener Roofing..... <i>For Steep Roof, Over 6 To 12, Add</i> <i>For 140 MPH Wind Load, Add</i>	33.60 3.29 1.55	2.71
07 41 13 00-0054			Stainless Steel Standing Seam Concealed Fastener Roofing (07 41 13 00-0029)		
07 41 13 00-0055			Stainless Steel Standing Seam Concealed Fastener Roofing (07 41 13 00-0054)		
07 41 13 00-0056	SF		Architectural 24 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing <i>For Steep Roof, Over 6 To 12, Add</i> <i>For 140 MPH Wind Load, Add</i> <i>For Panels <16" Wide, Add</i> <i>For Up To 1,500, Add</i> <i>For >1,500 To 5,000, Add</i> <i>For >5,000 To 10,000, Add</i>	25.09 2.49 1.17 2.79 6.27 3.76 0.63	3.32
07 41 13 00-0057	SF		Architectural 22 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing <i>For Steep Roof, Over 6 To 12, Add</i> <i>For 140 MPH Wind Load, Add</i> <i>For Panels <16" Wide, Add</i> <i>For Up To 1,500, Add</i> <i>For >1,500 To 5,000, Add</i> <i>For >5,000 To 10,000, Add</i>	28.66 2.49 1.24 2.97 7.17 4.30 0.72	3.32
07 41 13 00-0058	SF		Architectural 24 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing <i>For Steep Roof, Over 6 To 12, Add</i> <i>For 140 MPH Wind Load, Add</i> <i>For Panels <16" Wide, Add</i> <i>For Up To 1,500, Add</i> <i>For >1,500 To 5,000, Add</i> <i>For >5,000 To 10,000, Add</i>	32.89 2.49 1.32 3.18 8.22 4.93 0.82	3.32
07 41 13 00-0059	SF		Architectural 22 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing <i>For Steep Roof, Over 6 To 12, Add</i> <i>For 140 MPH Wind Load, Add</i> <i>For Panels <16" Wide, Add</i> <i>For Up To 1,500, Add</i> <i>For >1,500 To 5,000, Add</i> <i>For >5,000 To 10,000, Add</i>	38.32 2.49 1.43 3.45 9.58 5.75 0.96	3.32
07 41 13 00-0060			Accessories For Stainless Steel Standing Seam Concealed Fastener Roofing (07 41 13 00-0054)		
07 41 13 00-0061	LF		Ridge Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing..... <i>For Steep Roof, Over 6 To 12, Add</i> <i>For 140 MPH Wind Load, Add</i>	77.65 3.64 2.52	3.03
07 41 13 00-0062	LF		9" To 12" Girth, Eave Or Gable Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing <i>For Steep Roof, Over 6 To 12, Add</i> <i>For 140 MPH Wind Load, Add</i>	41.83 2.41 1.48	1.99
07 41 13 00-0063	LF		Valley Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing..... <i>For Steep Roof, Over 6 To 12, Add</i> <i>For 140 MPH Wind Load, Add</i>	107.55 3.61 3.11	3.03
07 41 13 00-0064	LF		Hip Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing..... <i>For Steep Roof, Over 6 To 12, Add</i> <i>For 140 MPH Wind Load, Add</i>	80.02 3.64 2.57	3.03
07 41 13 00-0065			Metal Roof Surfacing (07 41 13)		
07 41 13 00-0066	SF		Acrylic, Metal Roof Primer, One Coat..... <i>For Steep Roof, Over 7 To 12, Add</i>	0.48 0.07	
07 41 13 00-0067	SF		Acrylic Elastomeric, Surface Or Base Coating For Metal Roofing, One Coat..... <i>Note: 55% solids by volume.</i> <i>For Steep Roof, Over 7 To 12, Add</i>	0.72 0.07	
07 41 33			Plastic Roof Panels (07 41)		
07 41 33 00-0001			Polyvinyl Chloride (PVC) Roofing Panels (07 41 33)		
07 41 33 00-0002			Polyvinyl Chloride (PVC) Roofing Panels (07 41 33 00-0001)		
07 41 33 00-0003	SF		Solid Polyvinyl Chloride (PVC) Roofing Panels, 8" Wide.....	7.89	2.34
07 41 33 00-0004	SF		Solid Polyvinyl Chloride (PVC) Roofing Panels, 10" Wide.....	7.67	2.11
07 41 33 00-0005	SF		Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 8" Wide.....	8.26	2.34

07 Thermal And Moisture Protection**07 40 Roofing and Siding Panels****07 41 Roof Panels**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 41 33 00-0006	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 10" Wide.....	7.97	2.11
07 41 33 00-0007		Polyvinyl Chloride (PVC) Roofing Accessories (07 41 33 00-0001)		
07 41 33 00-0008	LF	1" "J" Channel, Starter Strip Trim.....	4.61	1.76
07 41 33 00-0009	LF	3-1/2" "J" Channel, Starter Strip Trim	7.35	1.76
07 41 33 00-0010	LF	Outside Corner Post, 7/8" Pocket	8.14	1.76
07 41 33 00-0011	LF	Inside Corner Post, 7/8" Pocket.....	6.01	1.76
07 41 33 00-0012		Fiberglass Roofing Panel (07 41 33)		
07 41 33 00-0013		Corrugated Panels (07 41 33 00-0012)		
07 41 33 00-0014	SF	8 Ounce Corrugated Fiberglass Panel.....	6.73	1.87
07 41 33 00-0015	SF	12 Ounce Corrugated Fiberglass Panel.....	7.69	1.87

07 42 Wall Panels (07 40)**07 42 13 Metal Wall Panels (07 42)****07 42 13 19 Insulated Metal Wall Panels (07 42 13)**

07 42 13 19-0001		Insulated Panels For Sash/Window Replacement (07 42 13 19)		
		Note: Porcelain or polymer finish on aluminum panel with polystyrene core.		
07 42 13 19-0002	SF	1" Insulated Panel For Sash Or Window Replacement.....	25.12	4.65
		<i>For Non-Insulated Panels, Deduct</i>	-3.94	
07 42 13 19-0003	SF	1-1/4" Insulated Panel For Sash Or Window Replacement	27.20	5.23
		<i>For Non-Insulated Panels, Deduct</i>	-4.21	
07 42 13 19-0004	SF	1-3/4" Insulated Panel For Sash Or Window Replacement	29.09	5.82
		<i>For Non-Insulated Panels, Deduct</i>	-4.48	
07 42 13 19-0005	SF	2-1/4" Insulated Panel For Sash Or Window Replacement	31.11	6.05
		<i>For Non-Insulated Panels, Deduct</i>	-4.75	
07 42 13 19-0006	SF	3-1/4" Insulated Panel For Sash Or Window Replacement	35.29	6.63
		<i>For Non-Insulated Panels, Deduct</i>	-5.52	
07 42 13 19-0007	SF	4-1/4" Insulated Panel For Sash Or Window Replacement	41.02	7.33
		<i>For Non-Insulated Panels, Deduct</i>	-6.62	

07 42 13 23 Metal Composite Material Wall Panels (07 42 13)

07 42 13 23-0001		24 Gauge, Galvanized Steel Insulated Tongue And Groove Metal Siding Panels (07 42 13 23)		
		Note: G-90 galvanized steel, 24 gauge exterior face and 24 gauge interior liner. Galvalume® AZ-55 coating designation with texture. Non-CFC polyurethane foam core. Standard color on exterior and interior panels. CF Mesa Profile wall panels as manufactured by Metl-Span Corporation.		
07 42 13 23-0002	SF	2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels.....	21.69	2.40
		<i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i>	0.24	
		<i>For Premium Exterior Colors, Add</i>	0.12	
07 42 13 23-0003	SF	2-1/2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels.....	24.29	2.71
		<i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i>	0.24	
		<i>For Premium Exterior Colors, Add</i>	0.12	
07 42 13 23-0004	SF	3" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels.....	26.48	3.09
		<i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i>	0.24	
		<i>For Premium Exterior Colors, Add</i>	0.12	
07 42 13 23-0005	SF	4" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels.....	29.41	4.08
		<i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i>	0.24	
		<i>For Premium Exterior Colors, Add</i>	0.12	

07 42 63 Fabricated Wall Panel Assemblies (07 42)

07 42 63 00-0001		Insulated Freezer And Chiller Panels (07 42 63)		
		Note: Excludes suspension system for ceiling support.		
07 42 63 00-0002		Polyurethane Sandwich Panel (07 42 63 00-0001)		
		Note: With 22 gauge galvanized sheet metal face excludes painting.		
07 42 63 00-0003	SF	2" 22 Gauge Freezer Panel Sheet Metal Both Faces	26.76	1.81
07 42 63 00-0004	SF	3" 22 Gauge Freezer Panel Sheet Metal Both Faces	28.42	1.81
07 42 63 00-0005	SF	4" 22 Gauge Freezer Panel Sheet Metal Both Faces	34.03	1.81
07 42 63 00-0006	SF	5" 22 Gauge Freezer Panel Sheet Metal Both Faces	36.90	1.93
07 42 63 00-0007	SF	6" 22 Gauge Freezer Panel Sheet Metal Both Faces	39.23	1.93
07 42 63 00-0008	SF	2" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	24.03	1.50
07 42 63 00-0009	SF	3" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	26.24	1.50
07 42 63 00-0010	SF	4" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	31.84	1.60
07 42 63 00-0011	SF	5" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	30.82	1.60
07 42 63 00-0012	SF	6" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	36.42	1.60
07 42 63 00-0013		Polyurethane Sandwich Panel (07 42 63 00-0001)		
		Note: With .040 aluminum baked enamel finish.		
07 42 63 00-0014	SF	2" Freezer Panel 0.040" Aluminum Finish Both Faces	10.65	1.81
07 42 63 00-0015	SF	3" Freezer Panel 0.040" Aluminum Finish Both Faces	11.29	1.81
07 42 63 00-0016	SF	4" Freezer Panel 0.040" Aluminum Finish Both Faces	12.99	1.81

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 42 63 00-0017	SF		5" Freezer Panel 0.040" Aluminum Finish Both Faces	14.06	1.93
07 42 63 00-0018	SF		6" Freezer Panel 0.040" Aluminum Finish Both Faces	14.82	1.93
07 42 63 00-0019	SF		2" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	9.48	1.50
07 42 63 00-0020	SF		3" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	10.13	1.50
07 42 63 00-0021	SF		4" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	10.84	1.60
07 42 63 00-0022	SF		5" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	12.54	1.60
07 42 63 00-0023	SF		6" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	13.58	1.60
07 42 93 Soffit Panels (07 42)					
07 42 93 00-0001 Aluminum Soffit And Fascia (07 42 93)					
Note: Excludes J-channel.					
07 42 93 00-0002	LF		6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	4.72	1.62
			For 0.015" Thick, Deduct	-0.09	
07 42 93 00-0003	LF		10" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	5.85	1.71
			For 0.015" Thick, Deduct	-0.16	
07 42 93 00-0004	LF		1' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	6.42	1.76
			For 0.015" Thick, Deduct	-0.21	
07 42 93 00-0005	LF		1'-6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	8.05	1.85
			For 0.015" Thick, Deduct	-0.30	
07 42 93 00-0006	LF		2' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	9.87	2.03
			For 0.015" Thick, Deduct	-0.42	
07 42 93 00-0007	LF		3' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	13.19	2.23
			For 0.015" Thick, Deduct	-0.62	
07 42 93 00-0008	LF		4' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	16.53	2.46
			For 0.015" Thick, Deduct	-0.83	
07 42 93 00-0009	LF		5' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	19.93	2.71
			For 0.015" Thick, Deduct	-1.06	
07 42 93 00-0010	LF		4" Exposure, 0.024" Thick, Aluminum Fascia	5.56	1.59
07 42 93 00-0011	LF		6" Exposure, 0.024" Thick, Aluminum Fascia	6.09	1.62
07 42 93 00-0012	LF		8" Exposure, 0.024" Thick, Aluminum Fascia	7.16	1.68
07 42 93 00-0013	LF		10" Exposure, 0.024" Thick, Aluminum Fascia	8.31	1.71
07 46 Siding (07 40)					
07 46 16 Aluminum Siding (07 46)					
Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.					
07 46 16 00-0001 Aluminum Coil Stock Cladding (07 46 16)					
Note: Per SF of board, includes overlapage.					
07 46 16 00-0002	SF		0.016" Thick, Aluminum Clad Siding	11.60	3.69
07 46 16 00-0003	SF		0.019" Thick, Aluminum Clad Siding	11.76	3.69
07 46 16 00-0004	SF		0.024" Thick, Aluminum Clad Siding	12.03	3.69
07 46 16 00-0005 Aluminum Siding Panels (07 46 16)					
07 46 16 00-0006 Corrugated Aluminum Siding Panels (07 46 16 00-0005)					
Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.					
07 46 16 00-0007	SF		0.019", Painted Finish, Corrugated Aluminum Siding Panel	8.50	2.09
07 46 16 00-0008	SF		0.021", Painted Finish, Corrugated Aluminum Siding Panel	8.88	2.09
07 46 16 00-0009	SF		0.024", Painted Finish, Corrugated Aluminum Siding Panel	10.08	2.09
07 46 16 00-0010	SF		0.032", Painted Finish, Corrugated Aluminum Siding Panel	12.43	2.09
07 46 16 00-0011 V- Beam Aluminum Siding Panels (07 46 16 00-0005)					
Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.					
07 46 16 00-0012	SF		0.032", Painted Finish, V- Beam Aluminum Siding Panel	12.33	2.09
07 46 16 00-0013	SF		0.040", Painted Finish, V- Beam Aluminum Siding Panel	13.91	2.09
07 46 16 00-0014	SF		0.050", Painted Finish, V- Beam Aluminum Siding Panel	17.65	2.09
07 46 16 00-0015 Box Ribbed Aluminum Siding Panels (07 46 16 00-0005)					
Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.					
07 46 16 00-0016	SF		0.032", Painted Finish, Box Ribbed Aluminum Siding Panel	13.03	2.09
07 46 16 00-0017	SF		0.040", Painted Finish, Box Ribbed Aluminum Siding Panel	14.55	2.09
07 46 16 00-0018	SF		0.050", Painted Finish, Box Ribbed Aluminum Siding Panel	15.48	2.09
07 46 16 00-0019 Aluminum Siding Accessories (07 46 16)					
07 46 16 00-0020	LF		3/8" Pocket, Aluminum J-Channel	3.66	1.52
07 46 16 00-0021	LF		1/2" Pocket, Aluminum J-Channel	3.66	1.52
07 46 16 00-0022	LF		3/4" Pocket, Aluminum J-Channel	4.32	1.52
07 46 16 00-0023	LF		3/8" Pocket, Aluminum F-Channel	4.00	1.52
07 46 16 00-0024	LF		1/2" Pocket, Aluminum F-Channel	4.00	1.52
07 46 19 Steel Siding (07 46)					
Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.					
07 46 19 00-0001 Steel Siding Panels (07 46 19)					
07 46 19 00-0002 Corrugated Steel Siding Panels (07 46 19 00-0001)					
Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.					
07 46 19 00-0003	SF		20 Gauge, Painted Finish, Corrugated Steel Siding Panel	12.33	2.09
			For Galvanized Instead Of Painted Steel, Add	2.04	

07 Thermal And Moisture Protection**07 40 Roofing and Siding Panels****07 46 Siding**
 MINOR
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 TOTAL DIRECT DEMOLITION
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07 46 19 00-0004	SF	22 Gauge, Painted Finish, Corrugated Steel Siding Panel	11.28	2.09
		<i>For Galvanized Instead Of Painted Steel, Add</i>	1.78	
07 46 19 00-0005	SF	24 Gauge, Painted Finish, Corrugated Steel Siding Panel	11.02	2.09
		<i>For Galvanized Instead Of Painted Steel, Add</i>	1.71	
07 46 19 00-0006	SF	26 Gauge, Painted Finish, Corrugated Steel Siding Panel	7.92	2.09
		<i>For Galvanized Instead Of Painted Steel, Add</i>	0.94	
07 46 19 00-0007	SF	28 Gauge, Painted Finish, Corrugated Steel Siding Panel	7.70	2.09
		<i>For Galvanized Instead Of Painted Steel, Add</i>	0.88	
07 46 19 00-0008	SF	30 Gauge, Painted Finish, Corrugated Steel Siding Panel	7.55	2.09
		<i>For Galvanized Instead Of Painted Steel, Add</i>	0.84	
07 46 19 00-0009		Box Ribbed Steel Siding Panels <small>(07 46 19 00-0001)</small>		
		Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 19 00-0010	SF	20 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	11.54	2.09
		<i>For Galvanized Instead Of Painted Steel, Add</i>	1.84	
07 46 19 00-0011	SF	22 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	11.07	2.09
		<i>For Galvanized Instead Of Painted Steel, Add</i>	1.72	
07 46 19 00-0012	SF	24 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	10.75	2.09
		<i>For Galvanized Instead Of Painted Steel, Add</i>	1.64	
07 46 19 00-0013	SF	26 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	10.23	2.09
		<i>For Galvanized Instead Of Painted Steel, Add</i>	1.51	
07 46 19 00-0014	SF	28 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	9.10	2.09
		<i>For Galvanized Instead Of Painted Steel, Add</i>	1.23	
07 46 19 00-0015		Clapboard Steel Siding Panels <small>(07 46 19 00-0001)</small>		
		Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 19 00-0016	SF	29 Gauge, Painted Finish, Clapboard Steel Siding Panel	9.95	1.05
07 46 23		Wood Siding <small>(07 46)</small>		
		Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.		
07 46 23 00-0001		Wood Lap Siding <small>(07 46 23)</small>		
07 46 23 00-0002	LF	8" Wide Rough Sawn Cedar Lap Siding	3.66	1.58
07 46 23 00-0003	LF	10" Wide Rough Sawn Cedar Lap Siding	3.93	1.69
07 46 23 00-0004	LF	12" Wide Rough Sawn Cedar Lap Siding	4.21	1.79
07 46 23 00-0005	LF	6" To 8" Wide Southern Yellow Pine Lap Siding, D Grade	3.81	1.58
07 46 23 00-0006	LF	6" To 8" Wide Spruce Lap Siding, #2 Or Better	4.06	1.58
07 46 23 00-0007	LF	6" To 8" Wide Western Red Cedar, B Grade Lap Siding	4.61	1.58
07 46 23 00-0008	LF	6" To 8" Wide Western Red Cedar, A Grade Lap Siding	4.82	1.58
07 46 23 00-0009	LF	6" To 8" Wide Clear Heart Redwood Lap Siding	4.52	1.58
07 46 23 00-0010	LF	1" x 8" Cedar Round Or Flat Front Siding, Log Cabin	3.99	1.69
07 46 23 00-0011	LF	1" x 8" Cedar Beveled Siding, Channel, Rustic	3.99	1.69
07 46 23 00-0012		Tongue And Groove Siding <small>(07 46 23)</small>		
07 46 23 00-0013	SF	1" x 6" Tongue And Groove Southern Yellow Pine Siding	3.62	1.58
07 46 23 00-0014	SF	1" x 8" Tongue And Groove Southern Yellow Pine Siding	3.84	1.58
07 46 23 00-0015	SF	1" x 6" 105 Southern Yellow Pine Siding	3.67	1.58
07 46 23 00-0016	SF	1" x 8" 105 Southern Yellow Pine Siding	3.98	1.58
07 46 29		Plywood Siding <small>(07 46)</small>		
		Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.		
07 46 29 00-0001		T-111 Siding <small>(07 46 29)</small>		
07 46 29 00-0002	SF	5/8" T-111, Fine Grade Siding, Paint Ready Applied To Blackboard / Stud	3.12	0.82
		<i>For Pressure Treated, Add</i>	0.18	
07 46 33		Plastic Siding <small>(07 46)</small>		
		Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.		
07 46 33 00-0001		Vinyl Siding <small>(07 46 33)</small>		
		Note: Includes standard manufacturer's colors.		
07 46 33 00-0002		Vinyl Siding Panels <small>(07 46 33 00-0001)</small>		
		Note: Excludes J-channels, starter strips and trim.		
07 46 33 00-0003		Horizontal Vinyl Siding Panels <small>(07 46 33 00-0002)</small>		
		Note: Includes single, double or triple profiles. Includes traditional clapboard or dutch lap styles.		
07 46 33 00-0004	SF	7" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	5.47	1.99
		<i>For 0.040" Thick, Deduct</i>	-0.20	
		<i>For 0.042" Thick, Deduct</i>	-0.08	
		<i>For 0.046" Thick, Add</i>	0.61	
		<i>For Manufacturer's Custom Colors, Add</i>	0.07	
07 46 33 00-0005	SF	8" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	5.24	1.88
		<i>For 0.040" Thick, Deduct</i>	-0.20	
		<i>For 0.042" Thick, Deduct</i>	-0.08	
		<i>For 0.046" Thick, Add</i>	0.61	
		<i>For Manufacturer's Custom Colors, Add</i>	0.07	
07 46 33 00-0006	SF	9" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	5.06	1.79
		<i>For 0.040" Thick, Deduct</i>	-0.20	
		<i>For 0.042" Thick, Deduct</i>	-0.08	
		<i>For 0.046" Thick, Add</i>	0.61	
		<i>For Manufacturer's Custom Colors, Add</i>	0.07	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 33 00-0007	SF		10" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....	4.89	1.70
			<i>For 0.040" Thick, Deduct</i>	-0.20	
			<i>For 0.042" Thick, Deduct</i>	-0.08	
			<i>For 0.046" Thick, Add</i>	0.61	
			<i>For Manufacturer's Custom Colors, Add</i>	0.07	
07 46 33 00-0008	SF		12" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....	4.66	1.58
			<i>For 0.040" Thick, Deduct</i>	-0.20	
			<i>For 0.042" Thick, Deduct</i>	-0.08	
			<i>For 0.046" Thick, Add</i>	0.61	
			<i>For Manufacturer's Custom Colors, Add</i>	0.07	
07 46 33 00-0009			Vertical Vinyl Siding Panels (07 46 33 00-0002)		
07 46 33 00-0010	SF		7" Exposure, 0.048" Thick, Board And Batten, Vinyl Siding Panel.....	6.62	1.99
			<i>For Manufacturer's Custom Colors, Add</i>	0.13	
07 46 33 00-0011			Vinyl Siding Accessories (07 46 33 00-0001)		
07 46 33 00-0012	LF		3/4" Pocket, Outside Corner Post For Vinyl Siding.....	6.84	1.52
			<i>For Manufacturer's Custom Colors, Add</i>	0.19	
07 46 33 00-0013	LF		1-1/8" Pocket, Outside Corner Post For Vinyl Siding.....	12.63	1.52
			<i>For Manufacturer's Custom Colors, Add</i>	0.48	
07 46 33 00-0014	LF		3/4" Pocket, Inside Corner Post For Vinyl Siding.....	5.38	1.52
			<i>For Manufacturer's Custom Colors, Add</i>	0.12	
07 46 33 00-0015	LF		1-1/8" Pocket, Inside Corner Post For Vinyl Siding.....	6.60	1.52
			<i>For Manufacturer's Custom Colors, Add</i>	0.18	
07 46 33 00-0016	LF		3/8" Pocket, J-Channel For Vinyl Siding.....	3.97	1.52
			<i>For Manufacturer's Custom Colors, Add</i>	0.06	
07 46 33 00-0017	LF		1/2" Pocket, J-Channel For Vinyl Siding.....	3.69	1.52
			<i>For Manufacturer's Custom Colors, Add</i>	0.04	
07 46 33 00-0018	LF		5/8" Pocket, J-Channel For Vinyl Siding.....	3.63	1.52
			<i>For Manufacturer's Custom Colors, Add</i>	0.04	
07 46 33 00-0019	LF		3/4" Pocket, J-Channel For Vinyl Siding.....	3.82	1.52
			<i>For Manufacturer's Custom Colors, Add</i>	0.05	
07 46 33 00-0020	LF		1" Pocket, J-Channel For Vinyl Siding.....	4.54	1.52
			<i>For Manufacturer's Custom Colors, Add</i>	0.07	
07 46 33 00-0021	LF		1-1/4" Pocket, J-Channel For Vinyl Siding.....	4.96	1.52
			<i>For Manufacturer's Custom Colors, Add</i>	0.10	
07 46 33 00-0022	LF		2-1/2" Pocket, J-Channel For Vinyl Siding.....	5.53	1.52
			<i>For Manufacturer's Custom Colors, Add</i>	0.09	
07 46 33 00-0023	LF		1/2" Pocket, F-Channel For Vinyl Siding.....	3.79	1.52
			<i>For Manufacturer's Custom Colors, Add</i>	0.07	
07 46 33 00-0024	LF		3/4" Pocket, 3-1/2" Lineal Trim For Vinyl Siding.....	8.67	2.11
			<i>For Manufacturer's Custom Colors, Add</i>	0.22	
07 46 33 00-0025	LF		3/4" Pocket, 5" Lineal Trim For Vinyl Siding.....	9.08	2.11
			<i>For Manufacturer's Custom Colors, Add</i>	0.24	
07 46 33 00-0026	LF		1-1/8" Pocket, 3-1/2" Lineal Trim For Vinyl Siding.....	9.98	2.11
			<i>For Manufacturer's Custom Colors, Add</i>	0.29	
07 46 33 00-0027	LF		3/8" Pocket, 1-7/8" H-Mold For Vinyl Siding.....	5.15	1.52
			<i>For Manufacturer's Custom Colors, Add</i>	0.10	
07 46 33 00-0028	LF		Vinyl Starter Strip For Vinyl Siding.....	6.43	1.52
			<i>For Manufacturer's Custom Colors, Add</i>	0.17	
07 46 33 00-0029	LF		Undersill Trim For Vinyl Siding.....	5.50	1.52
			<i>For Manufacturer's Custom Colors, Add</i>	0.12	
07 46 33 00-0030			Vinyl Soffit And Fascia (07 46 33 00-0001)		
			Note: Excludes J-channel.		
07 46 33 00-0031	LF		6" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....	4.63	1.62
			<i>For 0.038" Thick, Deduct</i>	-0.61	
			<i>For 0.040" Thick, Deduct</i>	-0.51	
			<i>For Manufacturer's Custom Colors, Add</i>	0.07	
07 46 33 00-0032	LF		10" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....	5.70	1.71
			<i>For 0.038" Thick, Deduct</i>	-1.03	
			<i>For 0.040" Thick, Deduct</i>	-0.86	
			<i>For Manufacturer's Custom Colors, Add</i>	0.11	
07 46 33 00-0033	LF		1" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....	6.24	1.76
			<i>For 0.038" Thick, Deduct</i>	-1.25	
			<i>For 0.040" Thick, Deduct</i>	-1.05	
			<i>For Manufacturer's Custom Colors, Add</i>	0.14	
07 46 33 00-0034	LF		1'-6" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....	7.78	1.85
			<i>For 0.038" Thick, Deduct</i>	-1.88	
			<i>For 0.040" Thick, Deduct</i>	-1.56	
			<i>For Manufacturer's Custom Colors, Add</i>	0.20	
07 46 33 00-0035	LF		2' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....	9.52	2.03
			<i>For 0.038" Thick, Deduct</i>	-2.49	
			<i>For 0.040" Thick, Deduct</i>	-2.10	
			<i>For Manufacturer's Custom Colors, Add</i>	0.27	
07 46 33 00-0036	LF		3' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....	12.66	2.23
			<i>For 0.038" Thick, Deduct</i>	-3.76	
			<i>For 0.040" Thick, Deduct</i>	-3.14	
			<i>For Manufacturer's Custom Colors, Add</i>	0.41	
07 46 33 00-0037	LF		4' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....	15.82	2.46
			<i>For 0.038" Thick, Deduct</i>	-5.00	
			<i>For 0.040" Thick, Deduct</i>	-4.19	
			<i>For Manufacturer's Custom Colors, Add</i>	0.55	

07 Thermal And Moisture Protection**07 40 Roofing and Siding Panels****07 46 Siding**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 46 33 00-0038	LF	5' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit..... <i>For 0.038" Thick, Deduct</i> <i>For 0.040" Thick, Deduct</i> <i>For Manufacturer's Custom Colors, Add</i>	19.05 -6.27 -5.26 0.68	2.71
07 46 33 00-0039	LF	4" Exposure, Vinyl Fascia <i>For Manufacturer's Custom Colors, Add</i>	4.83 0.08	1.59
07 46 33 00-0040	LF	6" Exposure, Vinyl Fascia <i>For Manufacturer's Custom Colors, Add</i>	5.39 0.11	1.62
07 46 33 00-0041	LF	8" Exposure, Vinyl Fascia <i>For Manufacturer's Custom Colors, Add</i>	5.32 0.10	1.68
07 46 33 00-0042	LF	10" Exposure, Vinyl Fascia <i>For Manufacturer's Custom Colors, Add</i>	6.10 0.13	1.71
07 46 33 00-0043		Fiberglass Siding (07 46 33)		
07 46 33 00-0044		Corrugated Panels (07 46 33 00-0043)		
07 46 33 00-0045	SF	6 Ounce Corrugated Fiberglass Panels	6.77	2.35
07 46 33 00-0046	SF	8 Ounce Corrugated Fiberglass Panels	7.18	2.11
07 46 33 00-0047	SF	12 Ounce Corrugated Fiberglass Panels	7.91	2.11
07 46 33 00-0048		Flat Panels (07 46 33 00-0043)		
07 46 33 00-0049	SF	6 Ounce Flat Fiberglass Panels	6.51	2.11
07 46 33 00-0050	SF	8 Ounce Flat Fiberglass Panels	7.18	2.11
07 46 46		Fiber-Cement Siding (07 46)		
		Note: Smooth or patterns. Includes sealer and primer.		
07 46 46 00-0001		5/16" Thick, Fiber Cement Lap Siding (07 46 46)		
07 46 46 00-0002	SF	5-1/4" Board with 4" Exposure, 5/16" Thick, Fiber Cement Lap Siding	6.72	2.46
07 46 46 00-0003	SF	6-1/4" Board with 5" Exposure, 5/16" Thick, Fiber Cement Lap Siding	6.39	2.35
07 46 46 00-0004	SF	7-1/4" Board with 6" Exposure, 5/16" Thick, Fiber Cement Lap Siding	6.26	2.28
07 46 46 00-0005	SF	8-1/4" Board with 7" Exposure, 5/16" Thick, Fiber Cement Lap Siding	6.11	2.22
07 46 46 00-0006	SF	9-1/2" Board with 8" Exposure, 5/16" Thick, Fiber Cement Lap Siding	5.83	2.11
07 46 46 00-0007	SF	12" Board with 10-3/4" Exposure, 5/16" Thick, Fiber Cement Lap Siding	5.56	1.99
07 46 46 00-0008	LF	Starter Strip, Fiber Cement Lap Siding	1.47	0.59
07 46 46 00-0009		Fiber Cement Shingle Siding (07 46 46)		
07 46 46 00-0010	SF	Fiber Cement Shingle Siding	9.86	2.16
07 46 46 00-0011		Fiber Cement Vertical Panel Siding (07 46 46)		
07 46 46 00-0012	SF	Fiber Cement Vertical Panel Siding	4.93	1.76
07 46 46 00-0013		Fiber Cement Trim Boards (07 46 46)		
07 46 46 00-0014		7/16" Thick, Fiber Cement Trim Boards (07 46 46 00-0013)		
07 46 46 00-0015	LF	4" Wide, 7/16" Thick, Fiber Cement Trim Board	3.23	1.17
07 46 46 00-0016	LF	6" Wide, 7/16" Thick, Fiber Cement Trim Board	4.04	1.29
07 46 46 00-0017	LF	8" Wide, 7/16" Thick, Fiber Cement Trim Board	4.82	1.40
07 46 46 00-0018	LF	12" Wide, 7/16" Thick, Fiber Cement Trim Board	6.28	1.64
07 46 46 00-0019		3/4" Thick Fiber Cement Trim Boards (07 46 46 00-0013)		
07 46 46 00-0020	LF	4" Wide, 3/4" Thick, Fiber Cement Trim Board	3.37	1.17
07 46 46 00-0021	LF	6" Wide, 3/4" Thick, Fiber Cement Trim Board	4.26	1.29
07 46 46 00-0022	LF	8" Wide, 3/4" Thick, Fiber Cement Trim Board	5.19	1.40
07 46 46 00-0023	LF	12" Wide, 3/4" Thick, Fiber Cement Trim Board	5.47	1.64
07 46 46 00-0024		1" Thick Fiber Cement Trim Boards (07 46 46 00-0013)		
07 46 46 00-0025	LF	4" Wide, 1" Thick, Fiber Cement Trim Board	3.56	1.17
07 46 46 00-0026	LF	6" Wide, 1" Thick, Fiber Cement Trim Board	4.59	1.29
07 46 46 00-0027	LF	8" Wide, 1" Thick, Fiber Cement Trim Board	5.66	1.40
07 46 46 00-0028	LF	12" Wide, 1" Thick, Fiber Cement Trim Board	7.48	1.64
07 46 46 00-0029		Fiber Cement Fascia Board (07 46 46)		
07 46 46 00-0030	LF	5/4" x 3-1/2" Fiber Cement Fascia Board	5.79	2.32
07 46 46 00-0031	LF	5/4" x 5-1/2" Fiber Cement Fascia Board	6.98	2.59
07 46 46 00-0032	LF	5/4" x 7-1/4" Fiber Cement Fascia Board	7.55	2.59
07 46 46 00-0033	LF	5/4" x 11-1/4" Fiber Cement Fascia Board	9.69	3.04
07 46 46 00-0034		Fiber Cement Soffit Boards (07 46 46)		
07 46 46 00-0035	SF	1/4" Thick, Non Vented Fiber Cement Soffit	7.22	1.68
07 46 46 00-0036	SF	1/4" Thick, Vented Fiber Cement Soffit	7.72	1.68

07 46 63 Fabricated Panel Assemblies with Siding (07 46)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 46 63 00-0001			Metal Liner Panels (07 46 63)		
07 46 63 00-0002			Galvanized Metal Liner Panels (07 46 63 00-0001)		
07 46 63 00-0003	SF		24 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	11.22	1.79
07 46 63 00-0004	SF		22 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	12.45	1.79
07 46 63 00-0005	SF		20 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	14.65	1.79
07 46 63 00-0006	SF		18 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	14.87	1.79

07 50 Membrane Roofing (07)

See CSI section 07 22 16 00-0000 for insulation, 07 60 00 00-0000 for additional flashing, sheet metal and trim, 07 70 00 00-0000 for additional roof accessories.

07 51 Built-Up Bituminous Roofing (07 50)

07 51 13 Built-Up Asphalt Roofing (07 51)

07 51 13 00-0001			Built-Up Asphalt Roofing Components (07 51 13)		
07 51 13 00-0002			Built-Up Asphalt Membrane Roofing (07 51 13 00-0001) Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0067 for built-up roofing demolition.		
07 51 13 00-0003			Cold Adhesive Applied, Built-Up Asphalt Membrane Roofing (07 51 13 00-0002) Note: Includes applying cold adhesive and embedding the membrane.		
07 51 13 00-0004			Cold Adhesive Applied, Built-Up Asphalt Roofing Base, Ply And Cap Sheets (07 51 13 00-0003)		
07 51 13 00-0005	SQ		Type IV, Asphalt Coated Fiberglass Ply Sheet, Cold Adhesive Applied	115.73	
			For Up To 10, Add	30.54	
			For >10 To 20, Add	17.12	
			For >20 To 40, Add	9.48	
			For >75 To 100, Deduct	-4.74	
			For >100 To 200, Deduct	-10.41	
			For >200, Deduct	-15.15	
07 51 13 00-0006	SQ		Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Cold Adhesive Applied	320.97	
			For Up To 10, Add	71.59	
			For >10 To 20, Add	37.64	
			For >20 To 40, Add	19.75	
			For >75 To 100, Deduct	-9.87	
			For >100 To 200, Deduct	-20.67	
			For >200, Deduct	-30.54	
07 51 13 00-0007			Cold Adhesive Applied, Built-Up Asphalt Roofing Flashing (07 51 13 00-0003)		
07 51 13 00-0008	SF		Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Cold Adhesive Applied	7.66	
07 51 13 00-0009			Hot-Mopped, Built-Up Asphalt Membrane Roofing (07 51 13 00-0002) Note: Includes mopping hot asphalt and embedding the membrane.		
07 51 13 00-0010			Hot-Mopped, Built-Up Asphalt Roofing Base, Ply And Cap Sheets (07 51 13 00-0009)		
07 51 13 00-0011	SQ		Type IV, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped	85.11	
			For Up To 10, Add	24.55	
			For >10 To 20, Add	14.15	
			For >20 To 40, Add	8.02	
			For >75 To 100, Deduct	-4.01	
			For >100 To 200, Deduct	-8.96	
			For >200, Deduct	-12.97	
07 51 13 00-0012	SQ		Type VI, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped	90.96	
			For Up To 10, Add	25.72	
			For >10 To 20, Add	14.74	
			For >20 To 40, Add	8.31	
			For >75 To 100, Deduct	-4.16	
			For >100 To 200, Deduct	-9.25	
			For >200, Deduct	-13.41	
07 51 13 00-0013	SQ		Fine Mineral Surfaced, Asphalt Coated Fiberglass Base Sheet, Hot-Mopped	97.61	
			For Up To 10, Add	27.05	
			For >10 To 20, Add	15.40	
			For >20 To 40, Add	8.64	
			For >75 To 100, Deduct	-4.32	
			For >100 To 200, Deduct	-9.58	
			For >200, Deduct	-13.90	
07 51 13 00-0014	SQ		Asphalt Coated Fiberglass Venting Base Sheet, Hot-Mopped	171.36	
			For Up To 10, Add	41.80	
			For >10 To 20, Add	22.78	
			For >20 To 40, Add	12.33	
			For >75 To 100, Deduct	-6.17	
			For >100 To 200, Deduct	-13.27	
			For >200, Deduct	-19.44	
07 51 13 00-0015	SQ		Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Hot-Mopped	290.36	
			For Up To 10, Add	65.60	
			For >10 To 20, Add	34.68	
			For >20 To 40, Add	18.28	
			For >75 To 100, Deduct	-9.14	
			For >100 To 200, Deduct	-19.22	
			For >200, Deduct	-28.36	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 51 Built-Up Bituminous Roofing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 51 13 00-0016	SQ	Granule Surfaced, Asphalt Coated Fiberglass Cap Sheet, Hot-Mopped	219.94	
		<i>For Up To 10, Add</i>	52.23	
		<i>For >10 To 20, Add</i>	28.17	
		<i>For >20 To 40, Add</i>	15.12	
		<i>For >75 To 100, Deduct</i>	-7.56	
		<i>For >100 To 200, Deduct</i>	-16.15	
		<i>For >200, Deduct</i>	-23.71	
07 51 13 00-0017		Hot-Mopped, Built-Up Asphalt Roofing Flashing (07 51 13 00-0009)		4.87
07 51 13 00-0018	SF	Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Hot-Mopped		4.87
07 51 13 00-0019		Mechanically Fastened, Built-Up Asphalt Membrane Roofing (07 51 13 00-0002)		
		Note: Includes fasteners.		
07 51 13 00-0020		Mechanically Fastened, Built-Up Asphalt Roofing Base, Ply And Cap Sheets (07 51 13 00-0019)		
07 51 13 00-0021	SQ	Type VI, Asphalt Coated Fiberglass Ply Sheet, Mechanically Fastened.....	89.78	
		<i>For Up To 10, Add</i>	21.65	
		<i>For >10 To 20, Add</i>	11.75	
		<i>For >20 To 40, Add</i>	6.34	
		<i>For >75 To 100, Deduct</i>	-3.17	
		<i>For >100 To 200, Deduct</i>	-6.80	
		<i>For >200, Deduct</i>	-9.97	
07 51 13 00-0022	SQ	Asphalt Coated Fiberglass Venting Base Sheet, Mechanically Fastened.....	170.18	
		<i>For Up To 10, Add</i>	37.73	
		<i>For >10 To 20, Add</i>	19.79	
		<i>For >20 To 40, Add</i>	10.36	
		<i>For >75 To 100, Deduct</i>	-5.18	
		<i>For >100 To 200, Deduct</i>	-10.82	
		<i>For >200, Deduct</i>	-16.00	
07 51 13 00-0023	SQ	Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Mechanically Fastened.....	289.17	
		<i>For Up To 10, Add</i>	61.53	
		<i>For >10 To 20, Add</i>	31.69	
		<i>For >20 To 40, Add</i>	16.31	
		<i>For >75 To 100, Deduct</i>	-8.15	
		<i>For >100 To 200, Deduct</i>	-16.77	
		<i>For >200, Deduct</i>	-24.92	
07 51 13 00-0024		Mechanically Fastened, Built-Up Asphalt Roofing Flashing (07 51 13 00-0019)		5.90
07 51 13 00-0025	SF	Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Mechanically Fastened		5.90
07 51 13 00-0026		Asphalt Saturated Organic Felt (07 51 13 00-0001)		
07 51 13 00-0027		Cold Adhesive Applied, Asphalt Saturated Organic Felt (07 51 13 00-0026)		
		Note: Includes applying cold adhesive and embedding the felt.		
07 51 13 00-0028	SQ	15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied	112.07	
		<i>For Up To 10, Add</i>	29.81	
		<i>For >10 To 20, Add</i>	16.75	
		<i>For >20 To 40, Add</i>	9.30	
		<i>For >75 To 100, Deduct</i>	-4.65	
		<i>For >100 To 200, Deduct</i>	-10.23	
		<i>For >200, Deduct</i>	-14.88	
07 51 13 00-0029	SQ	30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied	127.16	
		<i>For Up To 10, Add</i>	32.83	
		<i>For >10 To 20, Add</i>	18.26	
		<i>For >20 To 40, Add</i>	10.06	
		<i>For >75 To 100, Deduct</i>	-5.03	
		<i>For >100 To 200, Deduct</i>	-10.98	
		<i>For >200, Deduct</i>	-16.01	
07 51 13 00-0030		Hot-Mopped, Asphalt Saturated Organic Felt (07 51 13 00-0026)		
		Note: Includes mopping hot asphalt and embedding the felt.		
07 51 13 00-0031	SQ	15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped	81.45	
		<i>For Up To 10, Add</i>	23.81	
		<i>For >10 To 20, Add</i>	13.79	
		<i>For >20 To 40, Add</i>	7.83	
		<i>For >75 To 100, Deduct</i>	-3.92	
		<i>For >100 To 200, Deduct</i>	-8.78	
		<i>For >200, Deduct</i>	-12.69	
07 51 13 00-0032	SQ	30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped	96.54	
		<i>For Up To 10, Add</i>	26.83	
		<i>For >10 To 20, Add</i>	15.30	
		<i>For >20 To 40, Add</i>	8.59	
		<i>For >75 To 100, Deduct</i>	-4.29	
		<i>For >100 To 200, Deduct</i>	-9.53	
		<i>For >200, Deduct</i>	-13.82	
07 51 13 00-0033		Mechanically Fastened, Asphalt Saturated Organic Felt (07 51 13 00-0026)		
		Note: Includes fasteners.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0034	SQ		15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened	40.93	
			<i>For Up To 10, Add</i>	11.88	
			<i>For >10 To 20, Add</i>	6.86	
			<i>For >20 To 40, Add</i>	3.89	
			<i>For >75 To 100, Deduct</i>	-1.95	
			<i>For >100 To 200, Deduct</i>	-4.36	
			<i>For >200, Deduct</i>	-6.30	
07 51 13 00-0035	SQ		30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened	56.02	
			<i>For Up To 10, Add</i>	14.90	
			<i>For >10 To 20, Add</i>	8.37	
			<i>For >20 To 40, Add</i>	4.65	
			<i>For >75 To 100, Deduct</i>	-2.32	
			<i>For >100 To 200, Deduct</i>	-5.11	
			<i>For >200, Deduct</i>	-7.43	
07 51 13 00-0036			Surfacing <small>(07 51 13 00-0001)</small>		
07 51 13 00-0037	SQ		400 LB/SQ Gravel Roofing Ballast, Set In Hot Asphalt Flood Coat	179.88	
			<i>For Up To 10, Add</i>	54.47	
			<i>For >10 To 20, Add</i>	31.86	
			<i>For >20 To 40, Add</i>	18.24	
			<i>For >75 To 100, Deduct</i>	-9.12	
			<i>For >100 To 200, Deduct</i>	-20.55	
			<i>For >200, Deduct</i>	-29.67	
07 51 13 00-0038	SQ		400 LB/SQ Gravel Roofing Ballast, Set In Cold Adhesive Flood Coat.....	268.69	
			<i>For Up To 10, Add</i>	72.23	
			<i>For >10 To 20, Add</i>	40.74	
			<i>For >20 To 40, Add</i>	22.68	
			<i>For >75 To 100, Deduct</i>	-11.34	
			<i>For >100 To 200, Deduct</i>	-24.99	
			<i>For >200, Deduct</i>	-36.33	
07 51 13 00-0039	CY		Gravel Roofing Ballast, Spread To Desired Thickness	184.94	
			Note: Excludes hot asphalt or cold adhesive.		
07 51 13 00-0040	SQ		Protective Polypropylene Fabric Mat, Loose Laid	51.23	
			Note: Installed as a separator mat (under membrane), a crushed stone mat (above membrane) or as a stone separator mat in ballasted systems.		
			<i>For Up To 10, Add</i>	12.69	
			<i>For >10 To 20, Add</i>	6.95	
			<i>For >20 To 40, Add</i>	3.78	
			<i>For >75 To 100, Deduct</i>	-1.89	
			<i>For >100 To 200, Deduct</i>	-4.09	
			<i>For >200, Deduct</i>	-5.98	
07 51 13 00-0041	SQ		Clay-Stabilized, Water-Based Asphalt Emulsion With Reinforcing Fibers, Weather-Proofing Surface Coating, Price Per Coat	131.39	
			Note: Protective coating for use over built-up, SBS and APP modified bitumen, metal, concrete and wood roofs.		
			<i>For Up To 10, Add</i>	30.72	
			<i>For >10 To 20, Add</i>	16.47	
			<i>For >20 To 40, Add</i>	8.79	
			<i>For >75 To 100, Deduct</i>	-4.39	
			<i>For >100 To 200, Deduct</i>	-9.34	
			<i>For >200, Deduct</i>	-13.74	
07 51 13 00-0042	SQ		Fibrated Aluminum, Asphalt-Based, Reflective Weather-Proofing Surface Coating, Price Per Coat.....	116.70	
			Note: Protective and reflective coating for use over built-up, SBS and APP modified bitumen and metal roofs.		
			<i>For Up To 10, Add</i>	27.78	
			<i>For >10 To 20, Add</i>	15.00	
			<i>For >20 To 40, Add</i>	8.05	
			<i>For >75 To 100, Deduct</i>	-4.03	
			<i>For >100 To 200, Deduct</i>	-8.61	
			<i>For >200, Deduct</i>	-12.64	
07 51 13 00-0043	SQ		Aluminum Flakes And Reinforcing Fibers Suspended In Emulsified Asphalt, Reflective Surface Coating, Price Per Coat.....	156.78	
			Note: Reflective coating for use over smooth-surfaced built-up roofs.		
			<i>For Up To 10, Add</i>	35.79	
			<i>For >10 To 20, Add</i>	19.01	
			<i>For >20 To 40, Add</i>	10.06	
			<i>For >75 To 100, Deduct</i>	-5.03	
			<i>For >100 To 200, Deduct</i>	-10.61	
			<i>For >200, Deduct</i>	-15.64	
07 51 13 00-0044	SQ		100% Acrylic Elastomeric, Reflective Surface Coating, Price Per Coat.....	158.09	
			Note: Reflective coating for use over built-up, SBS and APP modified bitumen roofs. For use on smooth or granule surfaced roofing systems.		
			<i>For Up To 10, Add</i>	36.06	
			<i>For >10 To 20, Add</i>	19.14	
			<i>For >20 To 40, Add</i>	10.12	
			<i>For >75 To 100, Deduct</i>	-5.06	
			<i>For >100 To 200, Deduct</i>	-10.68	
			<i>For >200, Deduct</i>	-15.74	
			<i>For Installation Over Granule Surfaced Asphalt Roof Systems, Add</i>	47.07	
07 51 13 00-0045	SQ		100% Acrylic Elastomeric, Bleed Blocking Base Coating, Price Per Coat.....	163.49	
			Note: Bleed blocking coating for use over built-up, Styrene-Butadiene-Styrene (SBS) and Atactic-Polypropylene (APP) modified bitumen roofs. For use on smooth or granule surfaced roofing systems.		
			<i>For Up To 10, Add</i>	37.14	
			<i>For >10 To 20, Add</i>	19.68	
			<i>For >20 To 40, Add</i>	10.39	
			<i>For >75 To 100, Deduct</i>	-5.20	
			<i>For >100 To 200, Deduct</i>	-10.95	
			<i>For >200, Deduct</i>	-16.15	
			<i>For Installation Over Granule Surfaced Asphalt Roof Systems, Add</i>	48.85	
07 51 13 00-0046	SF		Ceramic Coated Roofing Granules, Hand Broadcast	2.58	
			Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc.		

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 51 Built-Up Bituminous Roofing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 51 13 00-0047	SF	Energy Star, Ceramic Coated UltraWhite Roofing Granules, Hand Broadcast.....	4.40
		Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc.	
07 51 13 00-0048	SQ	Vapor Permeable Synthetic Underlayment (GAF Deck-Armor™).....	39.89
07 51 13 00-0049		Walkway Pads (07 51 13 00-0001)	
		Note: Set in hot asphalt or cold adhesive.	
07 51 13 00-0050	LF	5/16" Thick, 32" Wide, Skid Resistant, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Walkway Pad.....	32.94
07 51 13 00-0051	LF	1/2" Thick, 32" Wide, Skid Resistant, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Walkway Pad.....	39.26
07 51 13 00-0052		Cant And Tapered Edge Strips (07 51 13 00-0001)	
07 51 13 00-0053	LF	2" x 2" Perlite Cant Strip.....	4.47
07 51 13 00-0054	LF	3" x 3" Perlite Cant Strip.....	4.62
07 51 13 00-0055	LF	4" x 4" Perlite Cant Strip.....	5.31
07 51 13 00-0056	LF	3" x 3" Pressure Treated Wood Cant Strip, Cut Diagonally.....	4.11
07 51 13 00-0057	LF	4" x 4" Pressure Treated Wood Cant Strip, Cut Diagonally.....	4.21
07 51 13 00-0058	LF	1/2" x 6" Perlite Tapered Edge Strip.....	5.00
07 51 13 00-0059	LF	1/2" x 12" Perlite Tapered Edge Strip.....	5.79
07 51 13 00-0060	LF	1" x 12" Perlite Tapered Edge Strip.....	6.01
07 51 13 00-0061	LF	1" x 24" Perlite Tapered Edge Strip.....	6.83
07 51 13 00-0062	LF	1-1/2" x 12" Perlite Tapered Edge Strip.....	6.75
07 51 13 00-0063	LF	1-1/2" x 18" Perlite Tapered Edge Strip.....	8.25
07 51 13 00-0064	LF	1-1/2" x 24" Perlite Tapered Edge Strip.....	9.33
07 51 13 00-0065		Asphalt Primer (07 51 13 00-0001)	
07 51 13 00-0066	SQ	Asphalt Primer For Roofing Systems.....	37.13
		Note: Foundation coating for hot-mopped and cold applied asphalt coatings, roof cements, and asphalt based roof adhesives. For use on weathered roofing, asphalt, concrete, gypsum, masonry, block, brick and metal surfaces.	
07 51 13 00-0067		Demolish Built-Up Roofing (07 51 13 00-0001)	
		Note: For removing any asphalt, coal tar or modified bitumen roofing system, including surfacing material down to the insulation or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.). See CSI section 01 74 19 00-0000 for chutes, dumpsters and hauling.	
07 51 13 00-0068	SQ	Demolish Gravel/Slag Surfaced, Built Up Roofing System.....	388.39
		For Up To 10, Add	96.35
		For >10 To 25, Add	57.81
07 51 13 00-0069	SQ	Demolish Cap Sheet Surfaced, Built Up Roofing System.....	299.62
		Note: Includes protective surfacing.	
		For Up To 10, Add	74.33
		For >10 To 25, Add	44.60
07 51 13 00-0070		Roofing System Warranty (07 51 13 00-0001)	
		Note: The warranty tasks below are only to be used in conjunction with the built-up bituminous and modified bituminous membrane roofing sections. The appropriate task is to be applied to the completed roofing membrane systems, not individual components. All warranties are no dollar limit to include material, equipment and labor.	
07 51 13 00-0071	EA	Up To 50 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty.....	608.37
07 51 13 00-0072	SQ	>50 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty.....	8.69
07 51 13 00-0073	EA	Up To 50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty.....	695.28
07 51 13 00-0074	SQ	>50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty.....	13.91
07 51 13 00-0075	EA	Up To 50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty.....	956.01
07 51 13 00-0076	SQ	>50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty.....	19.12
07 51 13 00-0077		Built-Up Roofing Components (Tremco) (07 51 13)	
		Note: All tasks presented as a single layer. Adhesives are priced separately.	
07 51 13 00-0078		Cold Applied BUR Base Plies And Ply Sheets (07 51 13 00-0077)	
07 51 13 00-0079	SQ	BURmastic Composite Ply, Cold Applied BUR Component.....	139.59
		Note: Asphalt coated polyester/glass/polyester trilaminate reinforced ply sheet. Type II. 55 mils. Also used as a hot or cold applied base sheet.	
07 51 13 00-0080	SQ	BURmastic Premium Composite Ply, Cold Applied BUR Component.....	169.31
		Note: Asphalt coated polyester/glass/polyester trilaminate reinforced high strength ply sheet. Type II. 57 mil. Also used as a hot or cold applied base sheet.	
07 51 13 00-0081	SQ	BURmastic Supreme Composite Ply, Cold Applied BUR Component.....	195.69
		Note: Asphalt coated polyester/glass/polyester trilaminate reinforced high strength ply sheet. Type II. 51 mil. Also used as a hot or cold applied base sheet.	
07 51 13 00-0082	SQ	28 LB BURmastic Glass Ply, Cold Applied BUR Component.....	44.49
		Note: Asphalt coated fiberglass base or ply sheet. Type II.	
07 51 13 00-0083	SQ	33 LB BURmastic Glass Ply, Cold Applied BUR Component.....	64.51
		Note: Asphalt coated fiberglass base or ply sheet. Type II.	
07 51 13 00-0084	SQ	POWERply Modified HE Base Sheet, Hot Or Cold Applied BUR Component.....	267.85
		Note: Smooth surfaced, high elongation polyester reinforced modified bitumen base sheet. Type I, Grade S. 94 mil.	
07 51 13 00-0085	SQ	POWERply Modified Heavy Duty Base Sheet, Hot Applied BUR Component.....	247.77
		Note: A smooth surfaced, non woven fiberglass/scrim fiberglass bilaminate reinforced modified bitumen membrane. 120 mil.	
07 51 13 00-0086		Hot Or Cold Applied Modified Bitumen Cap Membrane (07 51 13 00-0077)	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0087	SQ		POWERply Standard Smooth Cap Membrane, Hot Or Cold Applied BUR Component Note: Fiberglass reinforced modified bitumen membrane. Type I, Grade S. 80 mils. Also used as a hot or cold applied ply.	151.59	
07 51 13 00-0088	SQ		POWERply Premium Smooth Cap Membrane, Hot Or Cold Applied BUR Component..... Note: Polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 90 mils. Also used as a hot or cold applied ply.	401.41	
07 51 13 00-0089	SQ		POWERply Supreme Smooth Cap Membrane, Hot Or Cold Applied BUR Component Note: Polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 98 mils. Also used as a hot or cold applied ply.	663.94	
07 51 13 00-0090	SQ		POWERply Standard Cap Membrane, Hot Or Cold Applied BUR Component..... Note: Granule surface, fiberglass reinforced modified bitumen cap sheet membrane. 120 mils. Black or white surface.	177.06	
07 51 13 00-0091	SQ		POWERply Standard FR Cap Membrane. Hot Or Cold Applied BUR Component..... Note: Fire rated, granule surfaced, fiberglass reinforced modified bitumen membrane. Type I, Grade G. 120 mils.	271.67	
07 51 13 00-0092	SQ		POWERply Premium FR Cap Membrane, Hot Or Cold Applied BUR Component Note: Fire rated, granule surfaced, polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 160 mils. Black or white surface.	658.72	
07 51 13 00-0093	SQ		POWERply Standard FR GT24W Cap Membrane, Hot Or Cold Applied BUR Component..... Note: Highly reflective, fire rated, granule surfaced, fiberglass reinforced modified bitumen membrane meeting California's Title 24 requirements. Type I, Grade G. 120 mils.	479.41	
07 51 13 00-0094	SQ		POWERply HE FR Cap Sheet, Hot Applied BUR Component Note: High elongation, fire rated, granule surfaced, polyester reinforced modified bitumen membrane. 160 mils.	475.36	
07 51 13 00-0095			Self Adhesive Base Plies And Ply Sheets (07 51 13 00-0077)		
07 51 13 00-0096	SQ		POWERply SA Base Sheet, Self Adhesive Roofing Note: A self adhesive, fiberglass reinforced Styrene-Butadiene-Styrene (SBS) modified bitumen base sheet/underlayment. Type 1, Grade S. 80 mils.	276.00	
07 51 13 00-0097	SQ		POWERply SA FR Membrane, Self Adhesive Roofing..... Note: A fire rated, granule surfaced, polyester reinforced, self adhesive Styrene-Butadiene-Styrene (SBS) modified bitumen membrane. Type I, Grade G. 130 mils.	546.69	
07 51 13 00-0098			Flashings (07 51 13 00-0077)		
07 51 13 00-0099	LF		11-1/2" Hypalon Elastomeric Flashing Note: 45 mils.	17.00	
07 51 13 00-0100	LF		19" Hypalon Elastomeric Flashing Note: 45 mils.	27.58	
07 51 13 00-0101	LF		25" Hypalon Elastomeric Flashing Note: 45 mils.	36.61	
07 51 13 00-0102	LF		38" Hypalon Elastomeric Flashing Note: 45 mils.	53.72	
07 51 13 00-0103	LF		60-1/2" Hypalon Elastomeric Flashing Note: 45 mils.	88.44	
07 51 13 00-0104	LF		12" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	13.45	
07 51 13 00-0105	LF		18" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	21.89	
07 51 13 00-0106	LF		24" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	29.16	
07 51 13 00-0107	LF		36" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	42.62	
07 51 13 00-0108	LF		60" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	71.74	
07 51 13 00-0109	LF		4" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	3.77	
07 51 13 00-0110	LF		6" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	3.94	
07 51 13 00-0111	LF		12" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	5.54	
07 51 13 00-0112	LF		36" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	14.34	
07 51 13 00-0113			Cold Applied Adhesives (07 51 13 00-0077)		
07 51 13 00-0114	SQ		BURmastic Inter-Ply Cold Applied Adhesive 171.26	171.26	
07 51 13 00-0115	SQ		BURmastic Flood Coat Cold Applied Adhesive 282.42	282.42	
07 51 13 00-0116	SQ		BURmastic SF Inter-Ply Cold Applied Adhesive 218.17	218.17	
07 51 13 00-0117	SQ		BURmastic LV Inter-Ply Cold Applied Adhesive 171.26	171.26	
07 51 13 00-0118	SQ		POWERply Standard Inter-Ply Cold Applied Adhesive 86.72	86.72	
07 51 13 00-0119	SQ		POWERply Standard Flood Coat Cold Applied Adhesive..... 192.93	192.93	
07 51 13 00-0120	SQ		POWERply White On White Cold Applied Adhesive..... 190.38	190.38	
07 51 13 00-0121	SQ		Rock-It Cold Applied Adhesive For Gravel Applications 531.40	531.40	
07 51 13 00-0122	SQ		FAS-n-FREE Cold Applied Adhesive (Beads 12" OC)..... 293.80 Note: For insulation only.	293.80	
07 51 13 00-0123	SQ		ECOLastic Cold Applied Adhesive..... 330.01	330.01	
07 51 13 00-0124			Hot Applied Adhesives (07 51 13 00-0077)		
07 51 13 00-0125	SQ		Premium III Asphalt Inter-Ply Hot Applied Adhesive 61.58	61.58	
07 51 13 00-0126	SQ		Premium III Asphalt Flood Coat Hot Applied Adhesive..... 114.12	114.12	
07 51 13 00-0127			Flashings Adhesives (07 51 13 00-0077)		
07 51 13 00-0128	LF		Sheeting Bond Flashing Adhesive..... 20.72 Note: Used to attach Hypalon sheeting to asphalt or coal-tar roofing membranes.	20.72	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 51 Built-Up Bituminous Roofing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 51 13 00-0129	LF	Polyroof SF Flashing Mastic Note: A solvent free, one part elastomeric roof mastic. Used to seal edges or as a repair mastic for split or cracked seals.	27.43
07 51 13 00-0130	LF	ELS Flashing Mastic Note: Used for repairing flashings and asphalt built-up roof defects.	16.68
07 51 13 00-0131	LF	TremSEAL D General Purpose Sealant.....	6.35
07 51 13 00-0132	LF	TremSEAL HP High Performance Sealant	6.52
07 51 13 00-0133	LF	TremSEAL S Silicone Sealant	6.38
07 51 13 00-0134		Surfacing (07 51 13 00-0077)	
07 51 13 00-0135	SQ	TremLastic SP Non Fibered Elastomeric Emulsion Cold Applied Coating.....	255.35
07 51 13 00-0136	SQ	ICE Coating, Water Based, Heavy Bodied Elastomeric Roof Coating	570.99
07 51 13 00-0137	SQ	Polar Coat.....	146.38
07 51 13 00-0138	SQ	Alumanation 301, Asphalt Based, Fibrated Aluminum Roof Coating	179.54
07 51 13 00-0139	SQ	Wall-Tite, Elastomeric Coating For Exterior Above-Grade Walls	522.42
07 51 13 00-0140	SQ	Solarguard Hy-Build, Elastomeric Coating For Exterior Above-Grade Walls	236.49
07 51 13 00-0141	SQ	100% Stitchbonded, Polyester Fabric (Tremco PERMAFAB).....	67.37
07 51 13 00-0142		Walkway Protection Pads (07 51 13 00-0077)	
07 51 13 00-0143	LF	36" Wide, Fiberglass Reinforced Asphaltic Walkway Protection Pad (Tremco Trem-Tred®).....	32.98
07 51 13 00-0144		Primer (07 51 13 00-0077)	
07 51 13 00-0145	SQ	TREMprime WB Primer	37.40
		Note: Water based polymer modified asphalt primer.	
07 51 13 00-0146	SQ	Solarguard Masonry Primer, Acrylic Latex Primer For Wall Tite F Coating.....	83.93
07 51 13 00-0147		Liquid Applied Roofing (07 51 13 00-0077)	
07 51 13 00-0148	SQ	Trem-LAR LRM H Waterproofing (Horizontal)..... Note: One part liquid applied elastomeric roofing membrane. 60 mils.	434.24
07 51 13 00-0149	SQ	Trem-LAR LRM V Waterproofing (Vertical)..... Note: One part liquid applied elastomeric roofing membrane. 60 mils.	442.21
07 51 13 00-0150	SQ	AlphaGuard BIO Base Coat, High Performance, Two-Part, Polyurethane Roof Coating For Smooth BUR/MB, Concrete Or Single Ply Surfaces..... Note: Two part liquid applied polyurethane roof coating. 48 mils.	565.98
07 51 13 00-0151	SQ	AlphaGuard BIO Base Coat, High Performance, Two-Part, Polyurethane Roof Coating For Granule MB Surfaces..... Note: Two part liquid applied polyurethane roof coating. 64 mils.	736.43
07 51 13 00-0152	SQ	AlphaGuard BIO Top Coat, High Performance, Two-Part, Polyurethane Roof Coating..... Note: Two part liquid applied polyurethane roof coating. 32 mils.	429.31
07 51 13 00-0153	SQ	AlphaGuard Glass Mat..... Note: Reinforcement mat for AlphaGuard systems.	82.48
07 51 13 00-0154	SQ	AlphaGuard C-Prime Primer..... Note: 100% solids epoxy primer for concrete surfaces.	83.60
07 51 13 00-0155	SQ	AlphaGuard M-Prime Primer..... Note: Water based primer for metal and plastic surfaces.	89.86
07 51 13 00-0156	SQ	Geogard Primer	66.23
		Note: Reactivation primer for cured AlphaGuard MT roof systems and coatings.	
07 51 13 00-0157	SQ	AlphaGuard Primer WB	59.57
		Note: Water based polymer modified primer which conditions a variety of roofing substrates prior to the application of AlphaGuard systems.	
07 51 13 00-0158		Atactic-Polypropylene (APP) Products (07 51 13 00-0077)	
07 51 13 00-0159	SQ	POWERply Atactic-Polypropylene (APP) Base Sheet	224.03
07 51 13 00-0160	SQ	POWERply Atactic-Polypropylene (APP) FR.....	423.95
07 51 13 00-0161	SQ	POWERply Atactic-Polypropylene (APP) Smooth	339.75
07 51 13 00-0162		Tri-Polymer Alloy (TPA) White Membrane (07 51 13 00-0077)	
07 51 13 00-0163	SQ	45 Mil Tri-Polymer Alloy (TPA) White Membrane	595.01
07 51 13 00-0164	SQ	60 Mil Tri-Polymer Alloy (TPA) White Membrane	816.52
07 51 13 00-0165	SQ	80 Mil Tri-Polymer Alloy (TPA) White Membrane	927.93
07 51 13 00-0166		Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane (07 51 13 00-0077)	
07 51 13 00-0167	SQ	45 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane.....	684.42
07 51 13 00-0168	SQ	60 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane.....	839.87
07 51 13 00-0169	SQ	80 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane.....	1,027.75
07 51 13 00-0170		Tri-Polymer Alloy (TPA) Membrane Accessories (07 51 13 00-0077)	
07 51 13 00-0171	EA	>1" To 4" Pipe Diameter, Prefabricated Tri-Polymer Alloy (TPA) Pipe Cone/Boot (Tremco).....	122.42
07 51 13 00-0172	EA	>4" To 8" Pipe Diameter, Prefabricated Tri-Polymer Alloy (TPA) Pipe Cone/Boot (Tremco).....	139.04
07 51 13 00-0173	LF	36" Wide, Thermoplastic Tri-Polymer Alloy (TPA) Walkway Protection Pad (Tremco)	19.81
07 51 13 00-0174	SQ	Factory Coated Steel Fasteners And Steel Or Plastic Membrane Plates (Tremco).....	68.16
07 51 13 00-0175		Thermoplastic Polyolefin (TPO) Polyester White Membrane (07 51 13 00-0077)	
07 51 13 00-0176	SQ	45 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane	319.22
07 51 13 00-0177	SQ	60 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane	323.44
07 51 13 00-0178	SQ	80 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane	576.99

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 51 13 00-0179		Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane	
		<small>(07 51 13 00-0077)</small>	
07 51 13 00-0180	SQ	45 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane.....	371.30
07 51 13 00-0181	SQ	60 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane.....	418.57
07 51 13 00-0182	SQ	80 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane.....	609.45
07 51 13 00-0183		Chlorosulfonated Polyethylene (CSPE) White Membrane (Tremply HP 4510)	
		<small>(07 51 13 00-0077)</small>	
07 51 13 00-0184	SQ	45 Mil Chlorosulfonated Polyethylene (CSPE) White Membrane (Tremply HP 4510).....	999.30
07 51 13 00-0185		Single Ply Adhesives	
		<small>(07 51 13 00-0077)</small>	
07 51 13 00-0186	SQ	Low VOC, TPA Bonding Adhesive (Tremco).....	161.72
07 51 13 00-0187	SQ	Water Based, TPA Bonding Adhesive (Tremco).....	182.68
07 51 13 00-0188	SQ	Water Based, Fleece Backed Single Ply Bonding Adhesive (Tremco).....	158.68
07 51 13 00-0189	SQ	Low VOC, TPO Bonding Adhesive (Tremco).....	105.82
07 51 13 00-0190		Warranty (Tremco)	
		<small>(07 51 13 00-0077)</small>	
07 51 13 00-0191	EA	Up To 10,000 SF 15 Year Roofing System Warranty.....	1,500.00
07 51 13 00-0192	SF	>10,000 SF 15 Year Roofing System Warranty.....	0.15
07 51 13 00-0193	EA	Up To 10,000 SF 20 Year Roofing System Warranty.....	2,000.00
07 51 13 00-0194	SF	>10,000 SF 20 Year Roofing System Warranty.....	0.20
07 51 13 00-0195		Built-Up Roofing Components (Garland)	
		<small>(07 51 13)</small>	
Note: All tasks presented as a single layer. Adhesives are priced separately.			
07 51 13 00-0196		Modified Cap Membranes	
		<small>(07 51 13 00-0195)</small>	
07 51 13 00-0197		Modified Cap Membranes, Hot/Cold Applied	
		<small>(07 51 13 00-0196)</small>	
Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.			
07 51 13 00-0198	SQ	Stressply® FR Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Fiberglass Reinforced Membrane, Minimum 145 Mil.....	694.67
07 51 13 00-0199	SQ	Stressply® Plus Poly/Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Membrane With Recycled Rubber, 105 Mil.....	497.08
07 51 13 00-0200	SQ	Stressply® Plus FR Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Fiberglass Reinforced Membrane With Recycled Rubber, Minimum 155 Mil.....	615.36
07 51 13 00-0201	SQ	Stressply® E Eco-Responsible, Smooth Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Membrane With High Recycled Content And Renewable Materials.....	639.43
07 51 13 00-0202	SQ	Stressply® E FR Mineral Eco-Responsible, Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Membrane With High Recycled Content And Renewable Materials, Minimum 160 Mil.....	890.13
07 51 13 00-0203	SQ	Stressply® EUV Fiberglass Reinforced, Minimum Poly/Fiberglass Reinforced White T-24 Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Modified Membrane With Recycled Rubber, 160 Mil.....	1,000.61
07 51 13 00-0204	SQ	Versiply® III 80 Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, 80 Mil.....	420.14
Note: Low strength cap sheet for hot or cold modified systems used with gravel.			
07 51 13 00-0205	SQ	Versiply® III Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Minimum 145 Mil.....	530.37
07 51 13 00-0206	SQ	BiFlex® Cap Fiberglass Reinforced, Mineral Surfaced Styrene-Butadiene-Styrene (SBS) Modified Membrane, 140 Mil.....	324.49
07 51 13 00-0207		Modified Cap Membranes, Self-Adhering	
		<small>(07 51 13 00-0196)</small>	
Note: As manufactured by Garland. Pricing represents single ply per square. Includes 25 year leak-free warranty.			
07 51 13 00-0208	SQ	Stressply® SA FR Mineral Styrene-Butadiene-Styrene (SBS) Modified Self-Adhering Fiberglass Reinforced Membrane, Minimum 140 Mil.....	628.81
Note: Self adhering system. One HPR SA FR base with one ply Stress Ply SA FR cap sheet.			
07 51 13 00-0209		Modified Cap Membranes, Torch-Applied	
		<small>(07 51 13 00-0196)</small>	
Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.			
07 51 13 00-0210	SQ	Stressply® IV Dual Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, 180 Mil.....	774.00
Note: Smooth surfaced Styrene-Butadiene-Styrene (SBS) torch modified top ply of torch system with gravel.			
07 51 13 00-0211	SQ	Stressply® IV Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, Minimum 195 Mil.....	841.99
07 51 13 00-0212	SQ	Stressply® IV UV Mineral Fiberglass Reinforced, Starburst Surface Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, Title 24 Compliant, 195 Mil.....	887.30
07 51 13 00-0213	SQ	Stressply® IV Plus Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, 180 Mil.....	810.82
07 51 13 00-0214	SQ	Stressply® IV Plus Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Mineral Surfaced Membrane, Torch Applied, 195 Mil.....	858.98
07 51 13 00-0215	SQ	Stressply® IV Plus UV Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Reflective Mineral Membrane, Torch Applied, 195 Mil.....	901.47
07 51 13 00-0216		Modified Cap Membranes, Coal Tar Pitch Systems	
		<small>(07 51 13 00-0196)</small>	
Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.			
07 51 13 00-0217	SQ	Millennium® Poly/Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Membrane, Minimum 120 Mil.....	713.03
07 51 13 00-0218	SQ	Millennium® FR Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Fiberglass Reinforced Membrane, Minimum 160 Mil.....	1,128.09
07 51 13 00-0219	SQ	Millennium® Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Membrane, Minimum 160 Mil.....	918.47

07 Thermal And Moisture Protection

07 50 Membrane Roofing

07 51 Built-Up Bituminous Roofing

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 51 13 00-0220		Base Ply <small>(07 51 13 00-0195)</small>	
Note: Used with modified cap membranes, underlayment for metal systems, and reinforcement for restoration systems.			
07 51 13 00-0221	SQ	Flexbase® E120 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet Used As Base Ply With Biflex Cap, 120 Mil.....	635.18
07 51 13 00-0222	SQ	Flexbase® 80 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet Used As Base Ply With Biflex Cap, 80 Mil.....	399.35
07 51 13 00-0223	SQ	HPR® Glasbase Heavy Duty Double Coated ASTM D 4601, Type II Fiberglass, Type II, 55 Mil.....	91.55
Note: Glasbase used in cold system, nailed to deck, or inner ply 2 plies with cap.			
07 51 13 00-0224	SQ	HPR® Glasfelt Asphalt Saturated Fiberglass Felt, ASTM D 2178 Type IV, 20 Mil.....	60.67
Note: Inner ply felts for hot applied built up and modified BUR systems.			
07 51 13 00-0225	SQ	HPR® Premium Glasbase High Strength, Double Coated Premium Base Sheet, Far Exceeds ASTM D 4601 Type II, 55 Mil.....	73.83
07 51 13 00-0226	SQ	HPR® Premium Glasfelt Premium Asphalt Saturated Fiberglass Felt, ASTM D 2178 Type VI, 25 Mil.....	80.21
07 51 13 00-0227	SQ	HPR® Tribase Premium Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet, 60 Mil.....	124.52
Note: Inner plies for cold applied modified, Styrene-Butadiene-Styrene (SBS) modified, or 2 plies under cap sheet.			
07 51 13 00-0228	SQ	Millennium® Base Poly/Fiberglass Reinforced Coal Tar Base Sheet For Cold Millennium Systems, 80 Mil.....	404.27
07 51 13 00-0229	SQ	HPR® SA FR Base Sheet Styrene-Butadiene-Styrene (SBS) Modified Self-Adhering Underlayment Used In SP SA Fiberglass Reinforced Systems, Minimum 80 Mil.....	349.08
Note: Self adhering base ply for self adhering 2 ply system.			
07 51 13 00-0230	SQ	StressBase® 120 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 120 Mil.....	354.28
07 51 13 00-0231	SQ	StressBase® 80 Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 80 Mil.....	294.09
07 51 13 00-0232	LF	Garmesh® 6" Styrene-Butadiene-Styrene (SBS) Coated Woven Fiberglass Reinforcing Fabric.....	5.38
07 51 13 00-0233	LF	Grip Polyester® Firm Polyester Reinforcement Used For Cold Application Over Smooth BUR Or Modified Roof Systems.....	14.79
07 51 13 00-0234	SQ	Grip Polyester® Soft Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems.....	70.65
07 51 13 00-0235	LF	Grip Polyester® Soft 12" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems.....	7.00
07 51 13 00-0236	LF	Grip Polyester® Soft 4" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems.....	5.09
07 51 13 00-0237	LF	Grip Polyester® Soft 6" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems.....	5.92
07 51 13 00-0238	SQ	HPR® Polyscrim Plus Polyester Reinforcement For Hot Bitumen Applications.....	154.15

07 51 13 00-0239 Coatings And Mastics For Roof Installation, Restoration And Repairs (07 51 13 00-0195)

07 51 13 00-0240	SQ	Water Based Roof Primer, GarlaPrime VOC Primer.....	44.94
07 51 13 00-0241	SQ	Black-Knight® Primer.....	41.61
07 51 13 00-0242	SQ	Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Interply.....	169.93
07 51 13 00-0243	SQ	Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Flood Coat (4-5 GAL/SQ).....	180.16
07 51 13 00-0244	SQ	Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Restoration (6-8 GAL/SQ).....	286.91
07 51 13 00-0245	SQ	Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Interply.....	460.75
07 51 13 00-0246	SQ	Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Flood Coat.....	474.42
07 51 13 00-0247	SQ	Energizer® K Plus FR Cold Applied Styrene-Butadiene-Styrene (SBS) Modified Asphalt Coating With Kevlar® For Smooth And Mineral Restoration, One Coat (3 GAL/SQ).....	221.89
07 51 13 00-0248	SQ	Energizer® K Plus FR Cold Applied Styrene-Butadiene-Styrene (SBS) Modified Asphalt Coating With Kevlar® For Smooth And Mineral Restoration, Restoration.....	366.81
07 51 13 00-0249	SQ	Energizer® LO Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, One Coat (3 GAL/SQ).....	565.12
07 51 13 00-0250	SQ	Energizer® LO Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, Restoration.....	939.02
07 51 13 00-0251	SQ	Garlastic® KM Plus Premium Hot Applied, Styrene-Ethylene-Butadiene-Styrene (SEBS) Modified Adhesive/Waterproofer, Interply.....	393.41
07 51 13 00-0252	SQ	Garlastic® KM Plus Premium Hot Applied, Styrene-Ethylene-Butadiene-Styrene (SEBS) Modified Adhesive/Waterproofer, Flood Coat.....	407.08
07 51 13 00-0253	SQ	Green-Lock® Flashing Adhesive 100% Solids Polyether, Zero VOC, Flashing Adhesive To Be Used With Styrene-Butadiene-Styrene (SBS) Sheets Only.....	862.24
07 51 13 00-0254	SQ	Green-Lock® Membrane Adhesive 100% Solids Polyether, Zero VOC, Membrane Adhesive To Be Used With Styrene-Butadiene-Styrene (SBS) Sheets Only.....	373.61
07 51 13 00-0255	SQ	HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Interply.....	182.90
07 51 13 00-0256	SQ	HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Flood Coat.....	196.57
07 51 13 00-0257	SQ	Insul-Lock® E HR Bio-Based High Rise Urethane Insulation Adhesive For New Construction Or Gravel.....	170.87
07 51 13 00-0258	SQ	Insul-Lock® HR High Rise Urethane Insulation Adhesive For New Construction Or Gravel Recovers.....	159.62
07 51 13 00-0259	SQ	Insul-Lock® HR Universal Primer All-Purpose Water Based Primer Designed For Use With The Insul-Lock Products.....	20.44
Note: Adheres all insulation layers for cold systems.			
07 51 13 00-0260	SQ	Pyramic® Plus LO White, Water-Based Acrylic, Low VOC, Reflective Roof Coating, Energy Star, Top Coat Required.....	192.76
07 51 13 00-0261	SQ	Pyramic® Plus LO Base Coat, Water-Based, Acrylic, Low VOC, Base Coating For A Pyramic System.....	186.87
07 51 13 00-0262	LF	Silver-Flash® Aluminized Asphalt Fibered Trowel Grade Mastic Used With GarMesh.....	24.04
07 51 13 00-0263	SQ	Solex® White, Kynar® Acrylic Topcoat Roof Coating Used With Pyramic Base Coat.....	249.44
07 51 13 00-0264	SQ	Tuff-Flash™ Multi-Purpose Asphaltic Polyurethane Liquid Flashing Membrane Used With Reinforcing Fabric.....	1,433.12
07 51 13 00-0265	SQ	Weatherscreen™ Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel, Flood Coat (4-5 GAL/SQ).....	318.56
07 51 13 00-0266	SQ	Weatherscreen™ Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel.....	388.52
07 51 13 00-0267	SQ	Weatherking® Cold Applied Rubber Modified Asphalt Interply Adhesive For Slopes Up To 3:12, Interply.....	144.85
07 51 13 00-0268	SQ	Weatherking® Flashing Adhesive Brush Grade, Cold Applied Asphalt Adhesive For Flashings In A Weatherking System.....	482.51

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 51 13 00-0269	SQ		Weatherking® Plus WC Cold Applied Rubber Modified, VOC Compliant Asphalt Interply Adhesive For Slopes Up To 2:12, Interply.....	143.77	
			Note: Inner ply and flood coat SEBS modified adhesive for all cold systems with gravel.		

07 52 Modified Bituminous Membrane Roofing (07 50)

07 52 13 Atactic-Polypropylene Modified Bituminous Membrane Roofing (07 52)

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards, demolition and warranties.

07 52 13 11 Cold Adhesive Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing (07 52 13)

07 52 13 11-0001 Cold Adhesive Applied Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing (07 52 13 11)

Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.

07 52 13 11-0002 Cold Adhesive Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base, Ply And Cap Sheets (07 52 13 11-0001)

07 52 13 11-0003	SQ		80 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Sheet, Cold Adhesive Applied	214.11	
			For Up To 10, Add	50.22	
			For >10 To 20, Add	26.96	
			For >20 To 40, Add	14.40	
			For >75 To 100, Deduct	-7.20	
			For >100 To 200, Deduct	-15.33	
			For >200, Deduct	-22.53	
07 52 13 11-0004	SQ		90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied	260.97	
			For Up To 10, Add	59.59	
			For >10 To 20, Add	31.64	
			For >20 To 40, Add	16.75	
			For >75 To 100, Deduct	-8.37	
			For >100 To 200, Deduct	-17.67	
			For >200, Deduct	-26.04	
07 52 13 11-0005	SQ		160 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Cold Adhesive Applied	410.61	
			For Up To 10, Add	89.52	
			For >10 To 20, Add	46.61	
			For >20 To 40, Add	24.23	
			For >75 To 100, Deduct	-12.11	
			For >100 To 200, Deduct	-25.15	
			For >200, Deduct	-37.27	
07 52 13 11-0006	SQ		160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	414.13	
			For Up To 10, Add	90.93	
			For >10 To 20, Add	47.49	
			For >20 To 40, Add	24.76	
			For >75 To 100, Deduct	-12.38	
			For >100 To 200, Deduct	-25.77	
			For >200, Deduct	-38.15	
07 52 13 11-0007	SQ		160 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	295.94	
			For Up To 10, Add	67.29	
			For >10 To 20, Add	35.67	
			For >20 To 40, Add	18.85	
			For >75 To 100, Deduct	-9.42	
			For >100 To 200, Deduct	-19.86	
			For >200, Deduct	-29.28	
			For Factory Applied White Reflective Surfacing, Add	101.15	
07 52 13 11-0008	SQ		160 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	343.34	
			For Up To 10, Add	76.77	
			For >10 To 20, Add	40.41	
			For >20 To 40, Add	21.22	
			For >75 To 100, Deduct	-10.61	
			For >100 To 200, Deduct	-22.23	
			For >200, Deduct	-32.84	
			For Factory Applied White Reflective Surfacing, Add	101.15	
07 52 13 11-0009	SQ		180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	472.49	
			For Up To 10, Add	102.60	
			For >10 To 20, Add	53.32	
			For >20 To 40, Add	27.67	
			For >75 To 100, Deduct	-13.84	
			For >100 To 200, Deduct	-28.69	
			For >200, Deduct	-42.52	
			For Factory Applied White Reflective Surfacing, Add	101.15	
07 52 13 11-0010			Cold Adhesive Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Flashing (07 52 13 11-0001)		
07 52 13 11-0011	SF		160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Cold Adhesive Applied	5.95	
07 52 13 11-0012	SF		180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Cold Adhesive Applied	9.14	
			For Factory Applied White Reflective Surfacing, Add	1.01	

07 52 13 13 Torch-Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing (07 52 13)

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 52 13 13-0001	Torch-Applied Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing ^(07 52 13 13)		
	Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.		
07 52 13 13-0002	Torch-Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base, Ply And Cap Sheets ^(07 52 13 13-0001)		
07 52 13 13-0003	SQ 80 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Sheet, Torch-Applied.....	154.08	
	For Up To 10, Add	38.21	
	For >10 To 20, Add	20.95	
	For >20 To 40, Add	11.40	
	For >75 To 100, Deduct	-5.70	
	For >100 To 200, Deduct	-12.32	
	For >200, Deduct	-18.02	
07 52 13 13-0004	SQ 90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Torch-Applied.....	200.95	
	For Up To 10, Add	47.58	
	For >10 To 20, Add	25.64	
	For >20 To 40, Add	13.74	
	For >75 To 100, Deduct	-6.87	
	For >100 To 200, Deduct	-14.67	
	For >200, Deduct	-21.54	
07 52 13 13-0005	SQ 150 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied.....	241.49	
	For Up To 10, Add	59.40	
	For >10 To 20, Add	32.47	
	For >20 To 40, Add	17.62	
	For >75 To 100, Deduct	-8.81	
	For >100 To 200, Deduct	-19.01	
	For >200, Deduct	-27.82	
07 52 13 13-0006	SQ 160 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied.....	253.48	
	For Up To 10, Add	61.79	
	For >10 To 20, Add	33.67	
	For >20 To 40, Add	18.22	
	For >75 To 100, Deduct	-9.11	
	For >100 To 200, Deduct	-19.61	
	For >200, Deduct	-28.72	
07 52 13 13-0007	SQ 180 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied.....	350.83	
	For Up To 10, Add	81.26	
	For >10 To 20, Add	43.41	
	For >20 To 40, Add	23.09	
	For >75 To 100, Deduct	-11.55	
	For >100 To 200, Deduct	-24.48	
	For >200, Deduct	-36.02	
07 52 13 13-0008	SQ 150 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied.....	241.49	
	For Up To 10, Add	59.40	
	For >10 To 20, Add	32.47	
	For >20 To 40, Add	17.62	
	For >75 To 100, Deduct	-8.81	
	For >100 To 200, Deduct	-19.01	
	For >200, Deduct	-27.82	
07 52 13 13-0009	SQ 160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied.....	256.48	
	For Up To 10, Add	62.39	
	For >10 To 20, Add	33.97	
	For >20 To 40, Add	18.37	
	For >75 To 100, Deduct	-9.19	
	For >100 To 200, Deduct	-19.76	
	For >200, Deduct	-28.95	
07 52 13 13-0010	SQ 180 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied.....	350.83	
	For Up To 10, Add	81.26	
	For >10 To 20, Add	43.41	
	For >20 To 40, Add	23.09	
	For >75 To 100, Deduct	-11.55	
	For >100 To 200, Deduct	-24.48	
	For >200, Deduct	-36.02	
07 52 13 13-0011	SQ 160 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied.....	250.93	
	For Up To 10, Add	61.28	
	For >10 To 20, Add	33.42	
	For >20 To 40, Add	18.10	
	For >75 To 100, Deduct	-9.05	
	For >100 To 200, Deduct	-19.48	
	For >200, Deduct	-28.53	
	For Factory Applied White Reflective Surfacing, Add	101.15	
07 52 13 13-0012	SQ 170 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied.....	265.48	
	For Up To 10, Add	64.19	
	For >10 To 20, Add	34.87	
	For >20 To 40, Add	18.82	
	For >75 To 100, Deduct	-9.41	
	For >100 To 200, Deduct	-20.21	
	For >200, Deduct	-29.62	
	For Factory Applied White Reflective Surfacing, Add	101.15	
07 52 13 13-0013	SQ 160 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied.....	301.18	
	For Up To 10, Add	71.33	
	For >10 To 20, Add	38.44	
	For >20 To 40, Add	20.61	
	For >75 To 100, Deduct	-10.30	
	For >100 To 200, Deduct	-22.00	
	For >200, Deduct	-32.30	
	For Factory Applied White Reflective Surfacing, Add	101.15	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 52 13 13-0014	SQ		170 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied.....	305.53	
			<i>For Up To 10, Add</i>	72.20	
			<i>For >10 To 20, Add</i>	38.88	
			<i>For >20 To 40, Add</i>	20.83	
			<i>For >75 To 100, Deduct</i>	-10.41	
			<i>For >100 To 200, Deduct</i>	-22.21	
			<i>For >200, Deduct</i>	-32.63	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	101.15	
07 52 13 13-0015	SQ		180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied.....	427.48	
			<i>For Up To 10, Add</i>	96.59	
			<i>For >10 To 20, Add</i>	51.07	
			<i>For >20 To 40, Add</i>	26.92	
			<i>For >75 To 100, Deduct</i>	-13.46	
			<i>For >100 To 200, Deduct</i>	-28.31	
			<i>For >200, Deduct</i>	-41.77	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	101.15	

07 52 13 13-0016 Torch-Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Flashing (07 52 13 13-0001)

07 52 13 13-0017	SF		150 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	3.52	
07 52 13 13-0018	SF		160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	3.67	
07 52 13 13-0019	SF		180 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	4.61	
07 52 13 13-0020	SF		170 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	3.76	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	1.01	
07 52 13 13-0021	SF		170 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	4.16	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	1.01	
07 52 13 13-0022	SF		180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	5.38	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	1.01	

07 52 13 14 Mechanically Fastened Atactic-Polypropylene-Modified Bituminous Membrane Roofing (07 52 13)
07 52 13 14-0001 Mechanically Fastened Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing (07 52 13 14)

Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.

07 52 13 14-0002 Mechanically Fastened, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base And Ply Sheets (07 52 13 14-0001)

07 52 13 14-0003	SQ		90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Mechanically Fastened	229.18	
			<i>For Up To 10, Add</i>	49.53	
			<i>For >10 To 20, Add</i>	25.69	
			<i>For >20 To 40, Add</i>	13.31	
			<i>For >75 To 100, Deduct</i>	-6.65	
			<i>For >100 To 200, Deduct</i>	-13.77	
			<i>For >200, Deduct</i>	-20.42	

07 52 16 Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07 52)

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards, demolition and warranties.

07 52 16 11 Cold Adhesive Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07 52 16)
07 52 16 11-0001 Cold Adhesive Applied Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing (07 52 16 11)

Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.

07 52 16 11-0002 Cold Adhesive Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets (07 52 16 11-0001)

07 52 16 11-0003	SQ		50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied	168.23	
			<i>For Up To 10, Add</i>	41.04	
			<i>For >10 To 20, Add</i>	22.37	
			<i>For >20 To 40, Add</i>	12.11	
			<i>For >75 To 100, Deduct</i>	-6.05	
			<i>For >100 To 200, Deduct</i>	-13.03	
			<i>For >200, Deduct</i>	-19.09	
07 52 16 11-0004	SQ		80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied	220.26	
			<i>For Up To 10, Add</i>	51.45	
			<i>For >10 To 20, Add</i>	27.57	
			<i>For >20 To 40, Add</i>	14.71	
			<i>For >75 To 100, Deduct</i>	-7.36	
			<i>For >100 To 200, Deduct</i>	-15.64	
			<i>For >200, Deduct</i>	-22.99	
07 52 16 11-0005	SQ		90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied	226.97	
			<i>For Up To 10, Add</i>	52.79	
			<i>For >10 To 20, Add</i>	28.24	
			<i>For >20 To 40, Add</i>	15.05	
			<i>For >75 To 100, Deduct</i>	-7.52	
			<i>For >100 To 200, Deduct</i>	-15.97	
			<i>For >200, Deduct</i>	-23.49	

07 Thermal And Moisture Protection

07 50 Membrane Roofing

07 52 Modified Bituminous Membrane Roofing

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 11-0006	SQ		120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied.....	309.97	
			<i>For Up To 10, Add</i>	69.39	
			<i>For >10 To 20, Add</i>	36.54	
			<i>For >20 To 40, Add</i>	19.20	
			<i>For >75 To 100, Deduct</i>	-9.60	
			<i>For >100 To 200, Deduct</i>	-20.12	
			<i>For >200, Deduct</i>	-29.72	
07 52 16 11-0007	SQ		125 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Cold Adhesive Applied.....	393.97	
			<i>For Up To 10, Add</i>	86.19	
			<i>For >10 To 20, Add</i>	44.94	
			<i>For >20 To 40, Add</i>	23.40	
			<i>For >75 To 100, Deduct</i>	-11.70	
			<i>For >100 To 200, Deduct</i>	-24.32	
			<i>For >200, Deduct</i>	-36.02	
07 52 16 11-0008	SQ		140 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	327.86	
			<i>For Up To 10, Add</i>	73.67	
			<i>For >10 To 20, Add</i>	38.86	
			<i>For >20 To 40, Add</i>	20.44	
			<i>For >75 To 100, Deduct</i>	-10.22	
			<i>For >100 To 200, Deduct</i>	-21.46	
			<i>For >200, Deduct</i>	-31.68	
07 52 16 11-0009	SQ		150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	336.89	
			<i>For Up To 10, Add</i>	75.48	
			<i>For >10 To 20, Add</i>	39.76	
			<i>For >20 To 40, Add</i>	20.89	
			<i>For >75 To 100, Deduct</i>	-10.45	
			<i>For >100 To 200, Deduct</i>	-21.91	
			<i>For >200, Deduct</i>	-32.35	
07 52 16 11-0010	SQ		125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	294.59	
			<i>For Up To 10, Add</i>	67.02	
			<i>For >10 To 20, Add</i>	35.53	
			<i>For >20 To 40, Add</i>	18.78	
			<i>For >75 To 100, Deduct</i>	-9.39	
			<i>For >100 To 200, Deduct</i>	-19.79	
			<i>For >200, Deduct</i>	-29.18	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	101.15	
07 52 16 11-0011	SQ		140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	298.49	
			<i>For Up To 10, Add</i>	67.80	
			<i>For >10 To 20, Add</i>	35.92	
			<i>For >20 To 40, Add</i>	18.97	
			<i>For >75 To 100, Deduct</i>	-9.49	
			<i>For >100 To 200, Deduct</i>	-19.99	
			<i>For >200, Deduct</i>	-29.47	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	101.15	
07 52 16 11-0012	SQ		150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	334.49	
			<i>For Up To 10, Add</i>	75.00	
			<i>For >10 To 20, Add</i>	39.52	
			<i>For >20 To 40, Add</i>	20.77	
			<i>For >75 To 100, Deduct</i>	-10.39	
			<i>For >100 To 200, Deduct</i>	-21.79	
			<i>For >200, Deduct</i>	-32.17	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	101.15	
07 52 16 11-0013	SQ		160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	340.49	
			<i>For Up To 10, Add</i>	76.20	
			<i>For >10 To 20, Add</i>	40.12	
			<i>For >20 To 40, Add</i>	21.07	
			<i>For >75 To 100, Deduct</i>	-10.54	
			<i>For >100 To 200, Deduct</i>	-22.09	
			<i>For >200, Deduct</i>	-32.62	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	101.15	
07 52 16 11-0014	SQ		170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	392.99	
			<i>For Up To 10, Add</i>	86.70	
			<i>For >10 To 20, Add</i>	45.37	
			<i>For >20 To 40, Add</i>	23.70	
			<i>For >75 To 100, Deduct</i>	-11.85	
			<i>For >100 To 200, Deduct</i>	-24.71	
			<i>For >200, Deduct</i>	-36.56	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	101.15	
07 52 16 11-0015	SQ		180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	488.63	
			<i>For Up To 10, Add</i>	105.83	
			<i>For >10 To 20, Add</i>	54.94	
			<i>For >20 To 40, Add</i>	28.48	
			<i>For >75 To 100, Deduct</i>	-14.24	
			<i>For >100 To 200, Deduct</i>	-29.49	
			<i>For >200, Deduct</i>	-43.73	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	101.15	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 52 16 11-0016	SQ	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	301.10	
		<i>For Up To 10, Add</i>	68.32	
		<i>For >10 To 20, Add</i>	36.19	
		<i>For >20 To 40, Add</i>	19.11	
		<i>For >75 To 100, Deduct</i>	-9.55	
		<i>For >100 To 200, Deduct</i>	-20.12	
		<i>For >200, Deduct</i>	-29.67	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	101.15	
07 52 16 11-0017	SQ	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	310.49	
		<i>For Up To 10, Add</i>	70.20	
		<i>For >10 To 20, Add</i>	37.12	
		<i>For >20 To 40, Add</i>	19.57	
		<i>For >75 To 100, Deduct</i>	-9.79	
		<i>For >100 To 200, Deduct</i>	-20.59	
		<i>For >200, Deduct</i>	-30.37	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	101.15	
07 52 16 11-0018	SQ	150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	361.49	
		<i>For Up To 10, Add</i>	80.40	
		<i>For >10 To 20, Add</i>	42.22	
		<i>For >20 To 40, Add</i>	22.12	
		<i>For >75 To 100, Deduct</i>	-11.06	
		<i>For >100 To 200, Deduct</i>	-23.14	
		<i>For >200, Deduct</i>	-34.20	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	101.15	
07 52 16 11-0019	SQ	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	362.69	
		<i>For Up To 10, Add</i>	80.64	
		<i>For >10 To 20, Add</i>	42.34	
		<i>For >20 To 40, Add</i>	22.18	
		<i>For >75 To 100, Deduct</i>	-11.09	
		<i>For >100 To 200, Deduct</i>	-23.20	
		<i>For >200, Deduct</i>	-34.29	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	101.15	
07 52 16 11-0020	SQ	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	385.49	
		<i>For Up To 10, Add</i>	85.20	
		<i>For >10 To 20, Add</i>	44.62	
		<i>For >20 To 40, Add</i>	23.32	
		<i>For >75 To 100, Deduct</i>	-11.66	
		<i>For >100 To 200, Deduct</i>	-24.34	
		<i>For >200, Deduct</i>	-36.00	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	101.15	

07 52 16 11-0021 Cold Adhesive Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing (07 52 16 11-0001)

07 52 16 11-0022	SF	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	5.18	
07 52 16 11-0023	SF	125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	4.75	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	1.01	
07 52 16 11-0024	SF	140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	4.79	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	1.01	
07 52 16 11-0025	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	5.21	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	1.01	
07 52 16 11-0026	SF	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	5.74	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	1.01	
07 52 16 11-0027	SF	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	6.69	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	1.01	
07 52 16 11-0028	SF	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	4.82	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	1.01	
07 52 16 11-0029	SF	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	4.91	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	1.01	
07 52 16 11-0030	SF	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	5.44	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	1.01	
07 52 16 11-0031	SF	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	5.66	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	1.01	
07 52 16 11-0032	SF	145 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	7.53	
07 52 16 11-0033	SF	160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	14.27	

07 52 16 12 Hot-Mopped Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07 52 16)

07 52 16 12-0001		Hot-Mopped Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing (07 52 16 12) Note: Includes fiberglass and/or polyester reinforcement. Includes mopping hot asphalt and embedding the membrane.		
07 52 16 12-0002		Hot-Mopped, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets (07 52 16 12-0001)		

07 Thermal And Moisture Protection

07 50 Membrane Roofing

07 52 Modified Bituminous Membrane Roofing

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 12-0003	SQ		50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped.....	137.61	
			<i>For Up To 10, Add</i>	35.05	
			<i>For >10 To 20, Add</i>	19.40	
			<i>For >20 To 40, Add</i>	10.64	
			<i>For >75 To 100, Deduct</i>	-5.32	
			<i>For >100 To 200, Deduct</i>	-11.58	
			<i>For >200, Deduct</i>	-16.90	
07 52 16 12-0004	SQ		80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped.....	189.65	
			<i>For Up To 10, Add</i>	45.45	
			<i>For >10 To 20, Add</i>	24.61	
			<i>For >20 To 40, Add</i>	13.24	
			<i>For >75 To 100, Deduct</i>	-6.62	
			<i>For >100 To 200, Deduct</i>	-14.19	
			<i>For >200, Deduct</i>	-20.81	
07 52 16 12-0005	SQ		90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped.....	196.36	
			<i>For Up To 10, Add</i>	46.80	
			<i>For >10 To 20, Add</i>	25.28	
			<i>For >20 To 40, Add</i>	13.58	
			<i>For >75 To 100, Deduct</i>	-6.79	
			<i>For >100 To 200, Deduct</i>	-14.52	
			<i>For >200, Deduct</i>	-21.31	
07 52 16 12-0006	SQ		120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Hot-Mopped.....	279.36	
			<i>For Up To 10, Add</i>	63.40	
			<i>For >10 To 20, Add</i>	33.58	
			<i>For >20 To 40, Add</i>	17.73	
			<i>For >75 To 100, Deduct</i>	-8.87	
			<i>For >100 To 200, Deduct</i>	-18.67	
			<i>For >200, Deduct</i>	-27.54	
07 52 16 12-0007	SQ		125 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Hot-Mopped.....	363.36	
			<i>For Up To 10, Add</i>	80.20	
			<i>For >10 To 20, Add</i>	41.98	
			<i>For >20 To 40, Add</i>	21.93	
			<i>For >75 To 100, Deduct</i>	-10.97	
			<i>For >100 To 200, Deduct</i>	-22.87	
			<i>For >200, Deduct</i>	-33.84	
07 52 16 12-0008	SQ		140 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	297.31	
			<i>For Up To 10, Add</i>	67.70	
			<i>For >10 To 20, Add</i>	35.91	
			<i>For >20 To 40, Add</i>	18.99	
			<i>For >75 To 100, Deduct</i>	-9.49	
			<i>For >100 To 200, Deduct</i>	-20.02	
			<i>For >200, Deduct</i>	-29.51	
07 52 16 12-0009	SQ		150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	306.34	
			<i>For Up To 10, Add</i>	69.51	
			<i>For >10 To 20, Add</i>	36.81	
			<i>For >20 To 40, Add</i>	19.44	
			<i>For >75 To 100, Deduct</i>	-9.72	
			<i>For >100 To 200, Deduct</i>	-20.47	
			<i>For >200, Deduct</i>	-30.19	
07 52 16 12-0010	SQ		125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	264.04	
			<i>For Up To 10, Add</i>	61.05	
			<i>For >10 To 20, Add</i>	32.58	
			<i>For >20 To 40, Add</i>	17.32	
			<i>For >75 To 100, Deduct</i>	-8.66	
			<i>For >100 To 200, Deduct</i>	-18.35	
			<i>For >200, Deduct</i>	-27.01	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	101.15	
07 52 16 12-0011	SQ		140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	267.94	
			<i>For Up To 10, Add</i>	61.83	
			<i>For >10 To 20, Add</i>	32.97	
			<i>For >20 To 40, Add</i>	17.52	
			<i>For >75 To 100, Deduct</i>	-8.76	
			<i>For >100 To 200, Deduct</i>	-18.55	
			<i>For >200, Deduct</i>	-27.31	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	101.15	
07 52 16 12-0012	SQ		150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	303.94	
			<i>For Up To 10, Add</i>	69.03	
			<i>For >10 To 20, Add</i>	36.57	
			<i>For >20 To 40, Add</i>	19.32	
			<i>For >75 To 100, Deduct</i>	-9.66	
			<i>For >100 To 200, Deduct</i>	-20.35	
			<i>For >200, Deduct</i>	-30.01	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	101.15	
07 52 16 12-0013	SQ		160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	309.94	
			<i>For Up To 10, Add</i>	70.23	
			<i>For >10 To 20, Add</i>	37.17	
			<i>For >20 To 40, Add</i>	19.62	
			<i>For >75 To 100, Deduct</i>	-9.81	
			<i>For >100 To 200, Deduct</i>	-20.65	
			<i>For >200, Deduct</i>	-30.46	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	101.15	
07 52 16 12-0014	SQ		170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	362.44	
			<i>For Up To 10, Add</i>	80.73	
			<i>For >10 To 20, Add</i>	42.42	
			<i>For >20 To 40, Add</i>	22.24	
			<i>For >75 To 100, Deduct</i>	-11.12	
			<i>For >100 To 200, Deduct</i>	-23.27	
			<i>For >200, Deduct</i>	-34.39	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	101.15	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 52 16 12-0015	SQ	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	458.07		
		<i>For Up To 10, Add</i>	99.85		
		<i>For >10 To 20, Add</i>	51.99		
		<i>For >20 To 40, Add</i>	27.02		
		<i>For >75 To 100, Deduct</i>	-13.51		
		<i>For >100 To 200, Deduct</i>	-28.05		
		<i>For >200, Deduct</i>	-41.57		
		<i>For Factory Applied White Reflective Surfacing, Add</i>	101.15		
07 52 16 12-0016	SQ	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	270.55		
		<i>For Up To 10, Add</i>	62.35		
		<i>For >10 To 20, Add</i>	33.24		
		<i>For >20 To 40, Add</i>	17.65		
		<i>For >75 To 100, Deduct</i>	-8.82		
		<i>For >100 To 200, Deduct</i>	-18.68		
		<i>For >200, Deduct</i>	-27.50		
		<i>For Factory Applied White Reflective Surfacing, Add</i>	101.15		
07 52 16 12-0017	SQ	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	279.94		
		<i>For Up To 10, Add</i>	64.23		
		<i>For >10 To 20, Add</i>	34.17		
		<i>For >20 To 40, Add</i>	18.12		
		<i>For >75 To 100, Deduct</i>	-9.06		
		<i>For >100 To 200, Deduct</i>	-19.15		
		<i>For >200, Deduct</i>	-28.21		
		<i>For Factory Applied White Reflective Surfacing, Add</i>	101.15		
07 52 16 12-0018	SQ	150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	330.94		
		<i>For Up To 10, Add</i>	74.43		
		<i>For >10 To 20, Add</i>	39.27		
		<i>For >20 To 40, Add</i>	20.67		
		<i>For >75 To 100, Deduct</i>	-10.33		
		<i>For >100 To 200, Deduct</i>	-21.70		
		<i>For >200, Deduct</i>	-32.03		
		<i>For Factory Applied White Reflective Surfacing, Add</i>	101.15		
07 52 16 12-0019	SQ	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	332.14		
		<i>For Up To 10, Add</i>	74.67		
		<i>For >10 To 20, Add</i>	39.39		
		<i>For >20 To 40, Add</i>	20.73		
		<i>For >75 To 100, Deduct</i>	-10.36		
		<i>For >100 To 200, Deduct</i>	-21.76		
		<i>For >200, Deduct</i>	-32.12		
		<i>For Factory Applied White Reflective Surfacing, Add</i>	101.15		
07 52 16 12-0020	SQ	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	354.94		
		<i>For Up To 10, Add</i>	79.23		
		<i>For >10 To 20, Add</i>	41.67		
		<i>For >20 To 40, Add</i>	21.87		
		<i>For >75 To 100, Deduct</i>	-10.93		
		<i>For >100 To 200, Deduct</i>	-22.90		
		<i>For >200, Deduct</i>	-33.83		
		<i>For Factory Applied White Reflective Surfacing, Add</i>	101.15		

07 52 16 12-0021 Hot-Mopped, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing

07 52 16 12-0022	SF	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.00		
07 52 16 12-0023	SF	125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.58		
		<i>For Factory Applied White Reflective Surfacing, Add</i>	1.01		
07 52 16 12-0024	SF	140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.61		
		<i>For Factory Applied White Reflective Surfacing, Add</i>	1.01		
07 52 16 12-0025	SF	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.97		
		<i>For Factory Applied White Reflective Surfacing, Add</i>	1.01		
07 52 16 12-0026	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.03		
		<i>For Factory Applied White Reflective Surfacing, Add</i>	1.01		
07 52 16 12-0027	SF	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.56		
		<i>For Factory Applied White Reflective Surfacing, Add</i>	1.01		
07 52 16 12-0028	SF	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	6.52		
		<i>For Factory Applied White Reflective Surfacing, Add</i>	1.01		
07 52 16 12-0029	SF	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.64		
		<i>For Factory Applied White Reflective Surfacing, Add</i>	1.01		
07 52 16 12-0030	SF	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.73		
		<i>For Factory Applied White Reflective Surfacing, Add</i>	1.01		
07 52 16 12-0031	SF	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.16		
		<i>For Factory Applied White Reflective Surfacing, Add</i>	1.01		
07 52 16 12-0032	SF	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.48		
		<i>For Factory Applied White Reflective Surfacing, Add</i>	1.01		
07 52 16 12-0033	SF	145 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	7.35		
07 52 16 12-0034	SF	160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	14.09		

07 52 16 13 Torch-Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 52 16 13-0001	Torch-Applied Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing <small>(07 52 16 13)</small>		
	Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.		
07 52 16 13-0002	Torch-Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets <small>(07 52 16 13-0001)</small>		
07 52 16 13-0003	SQ 120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Torch-Applied	283.48	
	For Up To 10, Add	67.79	
	For >10 To 20, Add	36.67	
	For >20 To 40, Add	19.72	
	For >75 To 100, Deduct	-9.86	
	For >100 To 200, Deduct	-21.11	
	For >200, Deduct	-30.97	
07 52 16 13-0004	SQ 150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	254.38	
	For Up To 10, Add	61.97	
	For >10 To 20, Add	33.76	
	For >20 To 40, Add	18.27	
	For >75 To 100, Deduct	-9.13	
	For >100 To 200, Deduct	-19.66	
	For >200, Deduct	-28.79	
	For Factory Applied White Reflective Surfacing, Add	101.15	
07 52 16 13-0005	SQ 160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	288.58	
	For Up To 10, Add	68.81	
	For >10 To 20, Add	37.18	
	For >20 To 40, Add	19.98	
	For >75 To 100, Deduct	-9.99	
	For >100 To 200, Deduct	-21.37	
	For >200, Deduct	-31.35	
	For Factory Applied White Reflective Surfacing, Add	101.15	
07 52 16 13-0006	SQ 180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	443.62	
	For Up To 10, Add	99.82	
	For >10 To 20, Add	52.69	
	For >20 To 40, Add	27.73	
	For >75 To 100, Deduct	-13.87	
	For >100 To 200, Deduct	-29.12	
	For >200, Deduct	-42.98	
	For Factory Applied White Reflective Surfacing, Add	101.15	
07 52 16 13-0007	SQ 150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	264.16	
	For Up To 10, Add	63.93	
	For >10 To 20, Add	34.74	
	For >20 To 40, Add	18.76	
	For >75 To 100, Deduct	-9.38	
	For >100 To 200, Deduct	-20.14	
	For >200, Deduct	-29.52	
	For Factory Applied White Reflective Surfacing, Add	101.15	
07 52 16 13-0008	SQ 160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	304.48	
	For Up To 10, Add	71.99	
	For >10 To 20, Add	38.77	
	For >20 To 40, Add	20.77	
	For >75 To 100, Deduct	-10.39	
	For >100 To 200, Deduct	-22.16	
	For >200, Deduct	-32.55	
	For Factory Applied White Reflective Surfacing, Add	101.15	
07 52 16 13-0009	SQ 165 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	317.43	
	For Up To 10, Add	74.77	
	For >10 To 20, Add	40.21	
	For >20 To 40, Add	21.52	
	For >75 To 100, Deduct	-10.76	
	For >100 To 200, Deduct	-22.93	
	For >200, Deduct	-33.68	
	For Factory Applied White Reflective Surfacing, Add	101.15	
07 52 16 13-0010	SQ 180 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	411.54	
	For Up To 10, Add	93.60	
	For >10 To 20, Add	49.62	
	For >20 To 40, Add	26.22	
	For >75 To 100, Deduct	-13.11	
	For >100 To 200, Deduct	-27.63	
	For >200, Deduct	-40.74	
	For Factory Applied White Reflective Surfacing, Add	101.15	
07 52 16 13-0011	Torch-Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing <small>(07 52 16 13-0001)</small>		
07 52 16 13-0012	SF 150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	4.02	
07 52 16 13-0013	SF 150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	4.00	
	For Factory Applied White Reflective Surfacing, Add	1.01	
07 52 16 13-0014	SF 180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	5.54	
	For Factory Applied White Reflective Surfacing, Add	1.01	
07 52 16 13-0015	SF 160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	4.19	
	For Factory Applied White Reflective Surfacing, Add	1.01	
07 52 16 13-0016	SF 165 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	4.27	
	For Factory Applied White Reflective Surfacing, Add	1.01	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 52 16 13-0017	SF		180 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied 5.22		
			<i>For Factory Applied White Reflective Surfacing, Add</i> 1.01		
07 52 16 13-0018	SF		150 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied 5.42		
07 52 16 13-0019	SF		160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied 13.12		

07 52 16 14 Mechanically Fastened Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07 52 16)

07 52 16 14-0001			Mechanically Fastened Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing (07 52 16 14) Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.		
07 52 16 14-0002			Mechanically Fastened, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base And Ply Sheets (07 52 16 14-0001)		
07 52 16 14-0003	SQ		35 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Mechanically Fastened 177.48		
			<i>For Up To 10, Add</i> 39.19		
			<i>For >10 To 20, Add</i> 20.52		
			<i>For >20 To 40, Add</i> 10.72		
			<i>For >75 To 100, Deduct</i> -5.36		
			<i>For >100 To 200, Deduct</i> -11.18		
			<i>For >200, Deduct</i> -16.54		
07 52 16 14-0004	SQ		50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened 136.43		
			<i>For Up To 10, Add</i> 30.98		
			<i>For >10 To 20, Add</i> 16.41		
			<i>For >20 To 40, Add</i> 8.67		
			<i>For >75 To 100, Deduct</i> -4.33		
			<i>For >100 To 200, Deduct</i> -9.13		
			<i>For >200, Deduct</i> -13.46		
07 52 16 14-0005	SQ		80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened 176.84		
			<i>For Up To 10, Add</i> 39.06		
			<i>For >10 To 20, Add</i> 20.45		
			<i>For >20 To 40, Add</i> 10.69		
			<i>For >75 To 100, Deduct</i> -5.34		
			<i>For >100 To 200, Deduct</i> -11.15		
			<i>For >200, Deduct</i> -16.50		
07 52 16 14-0006	SQ		90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened 221.48		
			<i>For Up To 10, Add</i> 47.99		
			<i>For >10 To 20, Add</i> 24.92		
			<i>For >20 To 40, Add</i> 12.92		
			<i>For >75 To 100, Deduct</i> -6.46		
			<i>For >100 To 200, Deduct</i> -13.38		
			<i>For >200, Deduct</i> -19.84		
07 52 16 14-0007	SQ		120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Mechanically Fastened 278.18		
			<i>For Up To 10, Add</i> 59.33		
			<i>For >10 To 20, Add</i> 30.59		
			<i>For >20 To 40, Add</i> 15.76		
			<i>For >75 To 100, Deduct</i> -7.88		
			<i>For >100 To 200, Deduct</i> -16.22		
			<i>For >200, Deduct</i> -24.10		
07 52 16 14-0008			Mechanically Fastened, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing (07 52 16 14-0001)		
07 52 16 14-0009	SF		150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Mechanically Fastened 3.47		
07 52 16 14-0010	SF		160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Mechanically Fastened 3.55		

07 52 16 15 Self-Adhering Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07 52 16)

07 52 16 15-0001			Self-Adhering Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing (07 52 16 15) Note: Includes fiberglass and/or polyester reinforcement. Includes removing the release film(s) from the membrane and applying the membrane.		
07 52 16 15-0002			Self-Adhering, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets (07 52 16 15-0001)		
07 52 16 15-0003	SQ		60 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering 142.08		
			<i>For Up To 10, Add</i> 32.85		
			<i>For >10 To 20, Add</i> 17.54		
			<i>For >20 To 40, Add</i> 9.32		
			<i>For >75 To 100, Deduct</i> -4.66		
			<i>For >100 To 200, Deduct</i> -9.88		
			<i>For >200, Deduct</i> -14.54		
07 52 16 15-0004	SQ		70 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering 150.59		
			<i>For Up To 10, Add</i> 34.56		
			<i>For >10 To 20, Add</i> 18.39		
			<i>For >20 To 40, Add</i> 9.75		
			<i>For >75 To 100, Deduct</i> -4.87		
			<i>For >100 To 200, Deduct</i> -10.30		
			<i>For >200, Deduct</i> -15.18		

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 52 16 15-0005	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering.....	254.49	
		<i>For Up To 10, Add</i>	55.67	
		<i>For >10 To 20, Add</i>	29.03	
		<i>For >20 To 40, Add</i>	15.11	
		<i>For >75 To 100, Deduct</i>	-7.56	
		<i>For >100 To 200, Deduct</i>	-15.71	
		<i>For >200, Deduct</i>	-23.26	
07 52 16 15-0006	SQ	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Self-Adhering.....	304.35	
		<i>For Up To 10, Add</i>	65.64	
		<i>For >10 To 20, Add</i>	34.01	
		<i>For >20 To 40, Add</i>	17.60	
		<i>For >75 To 100, Deduct</i>	-8.80	
		<i>For >100 To 200, Deduct</i>	-18.20	
		<i>For >200, Deduct</i>	-27.00	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	101.15	
07 52 16 15-0007	SQ	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Self-Adhering.....	451.35	
		<i>For Up To 10, Add</i>	95.04	
		<i>For >10 To 20, Add</i>	48.71	
		<i>For >20 To 40, Add</i>	24.95	
		<i>For >75 To 100, Deduct</i>	-12.48	
		<i>For >100 To 200, Deduct</i>	-25.55	
		<i>For >200, Deduct</i>	-38.03	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	101.15	

07 52 16 15-0008 Self-Adhering, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing (07 52 16 15-0001)

07 52 16 15-0009	SF	70 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering.....	3.98	
07 52 16 15-0010	SF	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering.....	4.46	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	1.01	
07 52 16 15-0011	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering.....	5.93	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	1.01	

07 53 Elastomeric Membrane Roofing (07 50)

Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices. See CSI section 07 26 13 00-0000 for wood deck building paper.

07 53 16 Chlorosulfonate-Polyethylene Roofing (07 53)
07 53 16 00-0001 Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membranes (07 53 16)

Note: Includes hot air welding or adhesive bonding of seams.

07 53 16 00-0002	SQ	45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Fully Adhered.....	566.78	88.77
		<i>Note: Includes adhesive.</i>		
		<i>For Up To 10, Add</i>	148.87	
		<i>For >10 To 20, Add</i>	83.31	
		<i>For >20 To 40, Add</i>	46.09	
		<i>For >75 To 100, Deduct</i>	-23.05	
		<i>For >100 To 200, Deduct</i>	-50.53	
		<i>For >200, Deduct</i>	-73.58	
		<i>For 15 Year Warranty, Add</i>	3.00	
07 53 16 00-0003	SQ	45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Ballasted.....	428.87	44.39
		<i>Note: Includes ballast.</i>		
		<i>For Up To 10, Add</i>	103.53	
		<i>For >10 To 20, Add</i>	56.20	
		<i>For >20 To 40, Add</i>	30.32	
		<i>For >75 To 100, Deduct</i>	-15.16	
		<i>For >100 To 200, Deduct</i>	-32.54	
		<i>For >200, Deduct</i>	-47.70	
		<i>For 15 Year Warranty, Add</i>	3.00	
07 53 16 00-0004	SQ	45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Mechanically Fastened.....	458.06	66.58
		<i>Note: Includes fasteners.</i>		
		<i>For Up To 10, Add</i>	118.24	
		<i>For >10 To 20, Add</i>	65.78	
		<i>For >20 To 40, Add</i>	36.22	
		<i>For >75 To 100, Deduct</i>	-18.11	
		<i>For >100 To 200, Deduct</i>	-39.55	
		<i>For >200, Deduct</i>	-57.66	
		<i>For 15 Year Warranty, Add</i>	3.00	
		<i>For Mechanically Fastened To Concrete Decks, Add</i>	33.29	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add</i>	34.52	

07 53 23 Ethylene-Propylene-Diene-Monomer Roofing (07 53)
07 53 23 00-0001 Ethylene Propylene Diene Monomer (EPDM) Roofing Membranes (07 53 23)

Note: Includes splicing of seams using adhesive or seam tape. Black ethylene propylene diene monomer (EPDM).

07 53 23 00-0002	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted.....	308.69	44.39
		<i>Note: Includes ballast.</i>		
		<i>For Up To 10, Add</i>	79.49	
		<i>For >10 To 20, Add</i>	44.18	
		<i>For >20 To 40, Add</i>	24.31	
		<i>For >75 To 100, Deduct</i>	-12.16	
		<i>For >100 To 200, Deduct</i>	-26.53	
		<i>For >200, Deduct</i>	-38.69	
		<i>For 15 Year Warranty, Add</i>	3.00	
		<i>For Low Slope Fire Rated, Add</i>	8.13	
		<i>For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add</i>	31.49	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 23 00-0003	SQ		60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted Note: Includes ballast.	403.88	47.16
			<i>For Up To 10, Add</i>	99.64	
			<i>For >10 To 20, Add</i>	54.54	
			<i>For >20 To 40, Add</i>	29.63	
			<i>For >75 To 100, Deduct</i>	-14.81	
			<i>For >100 To 200, Deduct</i>	-31.98	
			<i>For >200, Deduct</i>	-46.80	
			<i>For 15 Year Warranty, Add</i>	3.00	
			<i>For 20 Year Warranty, Add</i>	7.00	
			<i>For 25 Year Warranty, Add</i>	9.00	
			<i>For Low Slope Fire Rated, Add</i>	8.13	
			<i>For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add</i>	31.49	
07 53 23 00-0004	SQ		90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted Note: Includes ballast.	550.50	49.93
			<i>For Up To 10, Add</i>	130.08	
			<i>For >10 To 20, Add</i>	70.03	
			<i>For >20 To 40, Add</i>	37.51	
			<i>For >75 To 100, Deduct</i>	-18.76	
			<i>For >100 To 200, Deduct</i>	-40.01	
			<i>For >200, Deduct</i>	-58.77	
			<i>For 15 Year Warranty, Add</i>	3.00	
			<i>For 20 Year Warranty, Add</i>	7.00	
			<i>For 25 Year Warranty, Add</i>	9.00	
			<i>For Low Slope Fire Rated, Add</i>	8.13	
07 53 23 00-0005	SQ		45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%) Note: Includes adhesive and fasteners.	372.31	66.58
			<i>For Up To 10, Add</i>	101.09	
			<i>For >10 To 20, Add</i>	57.21	
			<i>For >20 To 40, Add</i>	31.93	
			<i>For >75 To 100, Deduct</i>	-15.97	
			<i>For >100 To 200, Deduct</i>	-35.26	
			<i>For >200, Deduct</i>	-51.23	
			<i>For 15 Year Warranty, Add</i>	3.00	
			<i>For Low Slope Fire Rated, Add</i>	8.13	
			<i>For Low VOC Adhesive, Add</i>	21.06	
			<i>For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add</i>	31.49	
			<i>For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add</i>	77.55	
			<i>For Integral Polyester Fleece-Backing, Add</i>	103.78	
07 53 23 00-0006	SQ		60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%) Note: Includes adhesive and fasteners.	467.49	69.35
			<i>For Up To 10, Add</i>	121.24	
			<i>For >10 To 20, Add</i>	67.56	
			<i>For >20 To 40, Add</i>	37.25	
			<i>For >75 To 100, Deduct</i>	-18.62	
			<i>For >100 To 200, Deduct</i>	-40.71	
			<i>For >200, Deduct</i>	-59.34	
			<i>For 15 Year Warranty, Add</i>	3.00	
			<i>For 20 Year Warranty, Add</i>	7.00	
			<i>For 25 Year Warranty, Add</i>	9.00	
			<i>For Low Slope Fire Rated, Add</i>	8.13	
			<i>For Low VOC Adhesive, Add</i>	21.06	
			<i>For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add</i>	31.49	
			<i>For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add</i>	77.55	
			<i>For Integral Polyester Fleece-Backing, Add</i>	115.69	
07 53 23 00-0007	SQ		90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%) Note: Includes adhesive and fasteners.	614.11	72.13
			<i>For Up To 10, Add</i>	151.67	
			<i>For >10 To 20, Add</i>	83.05	
			<i>For >20 To 40, Add</i>	45.13	
			<i>For >75 To 100, Deduct</i>	-22.57	
			<i>For >100 To 200, Deduct</i>	-48.74	
			<i>For >200, Deduct</i>	-71.30	
			<i>For 15 Year Warranty, Add</i>	3.00	
			<i>For 20 Year Warranty, Add</i>	7.00	
			<i>For 25 Year Warranty, Add</i>	9.00	
			<i>For Low Slope Fire Rated, Add</i>	8.13	
			<i>For Low VOC Adhesive, Add</i>	21.06	
			<i>For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add</i>	77.55	
			<i>For Integral Polyester Fleece-Backing, Add</i>	128.70	
07 53 23 00-0008	SQ		45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered Note: Includes adhesive and fasteners.	492.13	88.77
			<i>For Up To 10, Add</i>	133.94	
			<i>For >10 To 20, Add</i>	75.85	
			<i>For >20 To 40, Add</i>	42.36	
			<i>For >75 To 100, Deduct</i>	-21.18	
			<i>For >100 To 200, Deduct</i>	-46.80	
			<i>For >200, Deduct</i>	-67.98	
			<i>For 15 Year Warranty, Add</i>	3.00	
			<i>For Low Slope Fire Rated, Add</i>	8.13	
			<i>For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add</i>	31.49	
			<i>For Low VOC Adhesive, Add</i>	52.66	
			<i>For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add</i>	77.55	
			<i>For Integral Polyester Fleece-Backing, Add</i>	103.78	

07 Thermal And Moisture Protection

07 50 Membrane Roofing

07 53 Elastomeric Membrane Roofing

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 53 23 00-0009	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered	587.31	91.55
		Note: Includes adhesive and fasteners.		
		For Up To 10, Add	154.08	
		For >10 To 20, Add	86.19	
		For >20 To 40, Add	47.67	
		For >75 To 100, Deduct	-23.84	
		For >100 To 200, Deduct	-52.25	
		For >200, Deduct	-76.09	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	7.00	
		For 25 Year Warranty, Add	9.00	
		For Low Slope Fire Rated, Add	8.13	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	31.49	
		For Low VOC Adhesive, Add	52.66	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	77.55	
		For Integral Polyester Fleece-Backing, Add	115.69	
07 53 23 00-0010	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered	733.93	94.32
		Note: Includes adhesive and fasteners.		
		For Up To 10, Add	184.52	
		For >10 To 20, Add	101.69	
		For >20 To 40, Add	55.56	
		For >75 To 100, Deduct	-27.78	
		For >100 To 200, Deduct	-60.28	
		For >200, Deduct	-88.06	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	7.00	
		For 25 Year Warranty, Add	9.00	
		For Low Slope Fire Rated, Add	8.13	
		For Low VOC Adhesive, Add	52.66	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	77.55	
		For Integral Polyester Fleece-Backing, Add	128.70	
07 53 23 00-0011	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened	337.66	66.58
		Note: Includes fasteners.		
		For Up To 10, Add	94.16	
		For >10 To 20, Add	53.74	
		For >20 To 40, Add	30.20	
		For >75 To 100, Deduct	-15.10	
		For >100 To 200, Deduct	-33.53	
		For >200, Deduct	-48.63	
		For 15 Year Warranty, Add	3.00	
		For Low Slope Fire Rated, Add	8.13	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	31.49	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	77.55	
		For Mechanically Fastened To Concrete Decks, Add	33.29	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	34.52	
07 53 23 00-0012	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened	432.84	69.35
		Note: Includes fasteners.		
		For Up To 10, Add	114.31	
		For >10 To 20, Add	64.09	
		For >20 To 40, Add	35.51	
		For >75 To 100, Deduct	-17.76	
		For >100 To 200, Deduct	-38.98	
		For >200, Deduct	-56.74	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	7.00	
		For 25 Year Warranty, Add	9.00	
		For Low Slope Fire Rated, Add	8.13	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	31.49	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	77.55	
		For Mechanically Fastened To Concrete Decks, Add	34.68	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	35.91	
07 53 23 00-0013	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened	579.46	72.13
		Note: Includes fasteners.		
		For Up To 10, Add	144.74	
		For >10 To 20, Add	79.59	
		For >20 To 40, Add	43.40	
		For >75 To 100, Deduct	-21.70	
		For >100 To 200, Deduct	-47.01	
		For >200, Deduct	-68.71	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	7.00	
		For 25 Year Warranty, Add	9.00	
		For Low Slope Fire Rated, Add	8.13	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	77.55	
		For Mechanically Fastened To Concrete Decks, Add	36.07	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	37.30	
07 53 23 00-0014		Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane Accessories <small>(07 53 23)</small>		
07 53 23 00-0015	SQ	Acrylic, Ethylene Propylene Diene Monomer (EPDM) Roofing Primer, Price Per Coat	69.74	
		For Up To 10, Add	18.39	
		For >10 To 20, Add	10.30	
		For >20 To 40, Add	5.71	
		For >75 To 100, Deduct	-2.85	
		For >100 To 200, Deduct	-6.26	
		For >200, Deduct	-9.11	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 53 23 00-0016	SQ		Acrylic Elastomeric, Surface Or Base Coating For Ethylene Propylene Diene Monomer (EPDM) Roofing, Price Per Coat 72.11 Note: 55% solids by volume.		
			<i>For Up To 10, Add</i>	18.86	
			<i>For >10 To 20, Add</i>	10.54	
			<i>For >20 To 40, Add</i>	5.82	
			<i>For >75 To 100, Deduct</i>	-2.91	
			<i>For >100 To 200, Deduct</i>	-6.38	
			<i>For >200, Deduct</i>	-9.29	
07 53 23 00-0017	EA		Up To 4" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot..... 44.17 Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		10.54
07 53 23 00-0018	EA		>4" To 8" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot..... 62.93 Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		10.54
07 53 23 00-0019	EA		>8" To 13" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot..... 117.08 Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		10.54
07 53 23 00-0020	EA		6" Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Penetration Pocket 155.12 Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.		11.65
07 53 23 00-0021	LF		30" Wide, Ethylene Propylene Diene Monomer (EPDM) Walkway Protection Pad 34.23 Note: Includes factory installed peel and stick adhesive tape.		6.44
07 53 23 00-0022	SF		Ethylene Propylene Diene Monomer (EPDM) Membrane Base Flashing 6.53		1.66
07 53 23 00-0023	SF		Ethylene Propylene Diene Monomer (EPDM) Membrane Curb Flashing 8.20		2.50

07 53 29 Polyisobutylene Roofing (07 53)

07 53 29 00-0001 Polyisobutylene (PIB) Roofing Membranes (07 53 29)

			Note: Includes integral polyester fleece-backing. Includes splicing of seams using adhesive or seam tape.		
07 53 29 00-0002	SQ		100 Mil, Single Ply PIB Roofing Membrane, Ballasted 504.92 Note: Includes ballast.		49.93
			<i>For Up To 10, Add</i>	120.96	
			<i>For >10 To 20, Add</i>	65.47	
			<i>For >20 To 40, Add</i>	35.23	
			<i>For >75 To 100, Deduct</i>	-17.62	
			<i>For >100 To 200, Deduct</i>	-37.73	
			<i>For >200, Deduct</i>	-55.35	
			<i>For 15 Year Warranty, Add</i>	3.00	
			<i>For 20 Year Warranty, Add</i>	7.00	
			<i>For 25 Year Warranty, Add</i>	9.00	
07 53 29 00-0003	SQ		100 Mil, Single Ply PIB Roofing Membrane, Partially Adhered (40%) 564.94 Note: Includes adhesive.		72.13
			<i>For Up To 10, Add</i>	141.84	
			<i>For >10 To 20, Add</i>	78.13	
			<i>For >20 To 40, Add</i>	42.67	
			<i>For >75 To 100, Deduct</i>	-21.34	
			<i>For >100 To 200, Deduct</i>	-46.28	
			<i>For >200, Deduct</i>	-67.62	
			<i>For 15 Year Warranty, Add</i>	3.00	
			<i>For 20 Year Warranty, Add</i>	7.00	
			<i>For 25 Year Warranty, Add</i>	9.00	
07 53 29 00-0004	SQ		100 Mil, Single Ply PIB Roofing Membrane, Fully Adhered 679.38 Note: Includes adhesive.		94.32
			<i>For Up To 10, Add</i>	173.61	
			<i>For >10 To 20, Add</i>	96.24	
			<i>For >20 To 40, Add</i>	52.83	
			<i>For >75 To 100, Deduct</i>	-26.42	
			<i>For >100 To 200, Deduct</i>	-57.55	
			<i>For >200, Deduct</i>	-83.97	
			<i>For 15 Year Warranty, Add</i>	3.00	
			<i>For 20 Year Warranty, Add</i>	7.00	
			<i>For 25 Year Warranty, Add</i>	9.00	

07 54 Thermoplastic Membrane Roofing (07 50)

Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices. See CSI section 07 26 13 00-0000 for wood deck building paper.

07 54 19 Polyvinyl-Chloride Roofing (07 54)

07 54 19 00-0001 Reinforced Polyvinyl Chloride (RPVC) Roofing Membranes (07 54 19)

			Note: Includes polyester fabric reinforcement and hot air welding of seams. RPVC membranes meet or exceed all of the requirements of ASTM D4434 Type III.		
07 54 19 00-0002	SQ		48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted 209.64 Note: Includes ballast.		44.39
			<i>For Up To 10, Add</i>	59.68	
			<i>For >10 To 20, Add</i>	34.28	
			<i>For >20 To 40, Add</i>	19.36	
			<i>For >75 To 100, Deduct</i>	-9.68	
			<i>For >100 To 200, Deduct</i>	-21.58	
			<i>For >200, Deduct</i>	-31.26	
			<i>For 15 Year Warranty, Add</i>	3.00	
			<i>For Colors, Add</i>	26.00	
			<i>For Integral Polyester Fleece-Backing, Add</i>	33.43	

07 Thermal And Moisture Protection

07 50 Membrane Roofing

07 54 Thermoplastic Membrane Roofing

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 54 19 00-0003	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted	232.67	47.16
		Note: Includes ballast.		
		For Up To 10, Add	65.40	
		For >10 To 20, Add	37.42	
		For >20 To 40, Add	21.07	
		For >75 To 100, Deduct	-10.53	
		For >100 To 200, Deduct	-23.42	
		For >200, Deduct	-33.96	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	7.00	
		For 25 Year Warranty, Add	9.00	
		For Colors, Add	26.00	
		For Integral Polyester Fleece-Backing, Add	33.43	
07 54 19 00-0004	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted	257.78	48.55
		Note: Includes ballast.		
		For Up To 10, Add	70.97	
		For >10 To 20, Add	40.34	
		For >20 To 40, Add	22.60	
		For >75 To 100, Deduct	-11.30	
		For >100 To 200, Deduct	-25.03	
		For >200, Deduct	-36.32	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	7.00	
		For 25 Year Warranty, Add	9.00	
		For Colors, Add	26.00	
		For Integral Polyester Fleece-Backing, Add	33.43	
07 54 19 00-0005	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted	270.28	49.93
		Note: Includes ballast.		
		For Up To 10, Add	74.03	
		For >10 To 20, Add	42.01	
		For >20 To 40, Add	23.50	
		For >75 To 100, Deduct	-11.75	
		For >100 To 200, Deduct	-26.00	
		For >200, Deduct	-37.75	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	7.00	
		For 25 Year Warranty, Add	9.00	
		For Colors, Add	26.00	
		For Integral Polyester Fleece-Backing, Add	33.43	
07 54 19 00-0006	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered	368.90	88.77
		Note: Includes adhesive.		
		For Up To 10, Add	109.29	
		For >10 To 20, Add	63.52	
		For >20 To 40, Add	36.20	
		For >75 To 100, Deduct	-18.10	
		For >100 To 200, Deduct	-40.64	
		For >200, Deduct	-58.74	
		For 15 Year Warranty, Add	3.00	
		For Colors, Add	26.00	
		For Low VOC Adhesive, Add	55.23	
		For Integral Polyester Fleece-Backing, Add	33.43	
07 54 19 00-0007	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered	391.92	91.55
		Note: Includes adhesive.		
		For Up To 10, Add	115.00	
		For >10 To 20, Add	66.66	
		For >20 To 40, Add	37.91	
		For >75 To 100, Deduct	-18.95	
		For >100 To 200, Deduct	-42.48	
		For >200, Deduct	-61.43	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	7.00	
		For 25 Year Warranty, Add	9.00	
		For Colors, Add	26.00	
		For Low VOC Adhesive, Add	55.23	
		For Integral Polyester Fleece-Backing, Add	33.43	
07 54 19 00-0008	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered	417.04	92.93
		Note: Includes adhesive.		
		For Up To 10, Add	120.58	
		For >10 To 20, Add	69.58	
		For >20 To 40, Add	39.44	
		For >75 To 100, Deduct	-19.72	
		For >100 To 200, Deduct	-44.09	
		For >200, Deduct	-63.81	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	7.00	
		For 25 Year Warranty, Add	9.00	
		For Colors, Add	26.00	
		For Low VOC Adhesive, Add	55.23	
		For Integral Polyester Fleece-Backing, Add	33.43	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0009	SQ		80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered.....	429.54	94.32
			Note: Includes adhesive.		
			For Up To 10, Add	123.64	
			For >10 To 20, Add	71.25	
			For >20 To 40, Add	40.34	
			For >75 To 100, Deduct	-20.17	
			For >100 To 200, Deduct	-45.06	
			For >200, Deduct	-65.23	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Colors, Add	26.00	
			For Low VOC Adhesive, Add	55.23	
			For Integral Polyester Fleece-Backing, Add	33.43	
07 54 19 00-0010	SQ		48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened	230.90	66.58
			Note: Includes fasteners.		
			For Up To 10, Add	72.81	
			For >10 To 20, Add	43.06	
			For >20 To 40, Add	24.86	
			For >75 To 100, Deduct	-12.43	
			For >100 To 200, Deduct	-28.19	
			For >200, Deduct	-40.62	
			For 15 Year Warranty, Add	3.00	
			For Colors, Add	26.00	
			For Integral Polyester Fleece-Backing, Add	33.43	
			For Mechanically Fastened To Concrete Decks, Add	33.29	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	34.52	
07 54 19 00-0011	SQ		60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened	253.93	69.55
			Note: Includes fasteners.		
			For Up To 10, Add	78.53	
			For >10 To 20, Add	46.20	
			For >20 To 40, Add	26.57	
			For >75 To 100, Deduct	-13.28	
			For >100 To 200, Deduct	-30.04	
			For >200, Deduct	-43.32	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Colors, Add	26.00	
			For Integral Polyester Fleece-Backing, Add	33.43	
			For Mechanically Fastened To Concrete Decks, Add	34.68	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	35.91	
07 54 19 00-0012	SQ		72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened	279.04	70.74
			Note: Includes fasteners.		
			For Up To 10, Add	84.10	
			For >10 To 20, Add	49.13	
			For >20 To 40, Add	28.10	
			For >75 To 100, Deduct	-14.05	
			For >100 To 200, Deduct	-31.64	
			For >200, Deduct	-45.69	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Colors, Add	26.00	
			For Integral Polyester Fleece-Backing, Add	33.43	
			For Mechanically Fastened To Concrete Decks, Add	35.37	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	36.60	
07 54 19 00-0013	SQ		80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened	291.54	72.13
			Note: Includes fasteners.		
			For Up To 10, Add	87.16	
			For >10 To 20, Add	50.79	
			For >20 To 40, Add	29.00	
			For >75 To 100, Deduct	-14.50	
			For >100 To 200, Deduct	-32.61	
			For >200, Deduct	-47.11	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Colors, Add	26.00	
			For Integral Polyester Fleece-Backing, Add	33.43	
			For Mechanically Fastened To Concrete Decks, Add	36.07	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	37.30	
07 54 19 00-0014			Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane Accessories (07 54 19)		
07 54 19 00-0015	SQ		Acrylic, Polyvinyl Chloride (PVC) Roofing Cleaner/Primer, Price Per Coat	69.74	
			For Up To 10, Add	18.39	
			For >10 To 20, Add	10.30	
			For >20 To 40, Add	5.71	
			For >75 To 100, Deduct	-2.85	
			For >100 To 200, Deduct	-6.26	
			For >200, Deduct	-9.11	
07 54 19 00-0016	SQ		Acrylic Elastomeric, Surface Or Base Coating For Polyvinyl Chloride (PVC) Roofing, Price Per Coat.....	72.11	
			Note: 55% solids by volume.		
			For Up To 10, Add	18.86	
			For >10 To 20, Add	10.54	
			For >20 To 40, Add	5.82	
			For >75 To 100, Deduct	-2.91	
			For >100 To 200, Deduct	-6.38	
			For >200, Deduct	-9.29	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 54 Thermoplastic Membrane Roofing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 54 19 00-0017	EA	Up To 3" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot.....	72.68	9.43
		Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 19 00-0018	EA	>3" To 7" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot.....	101.86	10.54
		Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 19 00-0019	EA	>7" To 12" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot.....	130.17	11.65
		Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 19 00-0020	EA	6" Diameter, Prefabricated Polyvinyl Chloride (PVC) Penetration Pocket	165.41	11.65
		Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.		
07 54 19 00-0021	LF	36" Wide, Polyvinyl Chloride (PVC) Walkway Protection Pad.....	29.39	6.44
07 54 19 00-0022	SF	Polyvinyl Chloride (PVC) Membrane Base Flashing.....	7.75	1.66
07 54 19 00-0023	SF	Polyvinyl Chloride (PVC) Membrane Curb Flashing	9.42	2.50
07 54 19 00-0024	SF	Polyvinyl Chloride (PVC) Clad Edge Metal Or Base Flashing.....	10.44	1.66
		Note: 20 Mil polyvinyl chloride (PVC) membrane laminated to 24 gauge galvanized steel.		

07 54 23 Thermoplastic-Polyolefin Roofing (07 54)**07 54 23 00-0001 Thermoplastic Polyolefin (TPO) Roofing Membranes (07 54 23)**

Note: Includes polyester fabric reinforcement and hot air welding of seams.

07 54 23 00-0002	SQ	45 Mil, Single Ply TPO Roofing Membrane, Fully Adhered.....	356.42	88.77
		Note: Includes adhesive.		
		For Up To 10, Add	106.79	
		For >10 To 20, Add	62.27	
		For >20 To 40, Add	35.58	
		For >75 To 100, Deduct	-17.79	
		For >100 To 200, Deduct	-40.01	
		For >200, Deduct	-57.80	
		For 15 Year Warranty, Add	3.00	
		For Low VOC Adhesive, Add	52.66	
		For Integral Polyester Fleece-Backing, Add	33.25	
07 54 23 00-0003	SQ	50 Mil, Single Ply TPO Roofing Membrane, Fully Adhered.....	371.24	90.16
		Note: Includes adhesive.		
		For Up To 10, Add	110.31	
		For >10 To 20, Add	64.17	
		For >20 To 40, Add	36.59	
		For >75 To 100, Deduct	-18.30	
		For >100 To 200, Deduct	-41.10	
		For >200, Deduct	-59.40	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	7.00	
		For 25 Year Warranty, Add	9.00	
		For Low VOC Adhesive, Add	52.66	
		For Integral Polyester Fleece-Backing, Add	33.25	
07 54 23 00-0004	SQ	60 Mil, Single Ply TPO Roofing Membrane, Fully Adhered.....	379.37	91.55
		Note: Includes adhesive.		
		For Up To 10, Add	112.49	
		For >10 To 20, Add	65.40	
		For >20 To 40, Add	37.28	
		For >75 To 100, Deduct	-18.64	
		For >100 To 200, Deduct	-41.85	
		For >200, Deduct	-60.49	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	7.00	
		For 25 Year Warranty, Add	9.00	
		For Low VOC Adhesive, Add	52.66	
		For Integral Polyester Fleece-Backing, Add	33.25	
07 54 23 00-0005	SQ	80 Mil, Single Ply TPO Roofing Membrane, Fully Adhered.....	474.40	94.32
		Note: Includes adhesive.		
		For Up To 10, Add	132.61	
		For >10 To 20, Add	75.74	
		For >20 To 40, Add	42.59	
		For >75 To 100, Deduct	-21.29	
		For >100 To 200, Deduct	-47.30	
		For >200, Deduct	-68.59	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	7.00	
		For 25 Year Warranty, Add	9.00	
		For Low VOC Adhesive, Add	52.66	
		For Integral Polyester Fleece-Backing, Add	33.25	
07 54 23 00-0006	SQ	45 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened	244.53	66.58
		Note: Includes fasteners.		
		For Up To 10, Add	75.54	
		For >10 To 20, Add	44.43	
		For >20 To 40, Add	25.54	
		For >75 To 100, Deduct	-12.77	
		For >100 To 200, Deduct	-28.87	
		For >200, Deduct	-41.64	
		For 15 Year Warranty, Add	3.00	
		For Integral Polyester Fleece-Backing, Add	33.25	
		For Mechanically Fastened To Concrete Decks, Add	33.29	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	34.52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 54 23 00-0007	SQ		50 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	259.35	67.97
			<i>For Up To 10, Add</i>	79.06	
			<i>For >10 To 20, Add</i>	46.32	
			<i>For >20 To 40, Add</i>	26.56	
			<i>For >75 To 100, Deduct</i>	-13.28	
			<i>For >100 To 200, Deduct</i>	-29.96	
			<i>For >200, Deduct</i>	-43.24	
			<i>For 15 Year Warranty, Add</i>	3.00	
			<i>For 20 Year Warranty, Add</i>	7.00	
			<i>For 25 Year Warranty, Add</i>	9.00	
			<i>For Integral Polyester Fleece-Backing, Add</i>	33.25	
			<i>For Mechanically Fastened To Concrete Decks, Add</i>	33.98	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add</i>	35.21	
07 54 23 00-0008	SQ		60 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	267.50	69.35
			<i>For Up To 10, Add</i>	81.24	
			<i>For >10 To 20, Add</i>	47.56	
			<i>For >20 To 40, Add</i>	27.25	
			<i>For >75 To 100, Deduct</i>	-13.62	
			<i>For >100 To 200, Deduct</i>	-30.71	
			<i>For >200, Deduct</i>	-44.34	
			<i>For 15 Year Warranty, Add</i>	3.00	
			<i>For 20 Year Warranty, Add</i>	7.00	
			<i>For 25 Year Warranty, Add</i>	9.00	
			<i>For Integral Polyester Fleece-Backing, Add</i>	33.25	
			<i>For Mechanically Fastened To Concrete Decks, Add</i>	34.68	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add</i>	35.91	
07 54 23 00-0009	SQ		80 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	362.52	72.13
			<i>For Up To 10, Add</i>	101.36	
			<i>For >10 To 20, Add</i>	57.89	
			<i>For >20 To 40, Add</i>	32.55	
			<i>For >75 To 100, Deduct</i>	-16.28	
			<i>For >100 To 200, Deduct</i>	-36.16	
			<i>For >200, Deduct</i>	-52.43	
			<i>For 15 Year Warranty, Add</i>	3.00	
			<i>For 20 Year Warranty, Add</i>	7.00	
			<i>For 25 Year Warranty, Add</i>	9.00	
			<i>For Integral Polyester Fleece-Backing, Add</i>	33.25	
			<i>For Mechanically Fastened To Concrete Decks, Add</i>	36.07	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add</i>	37.30	

07 54 23 00-0010 Thermoplastic Polyolefin (TPO) Roofing Membrane Accessories (07 54 23)

07 54 23 00-0011	SQ		Acrylic, Thermoplastic Polyolefin (TPO) Roofing Primer, Price Per Coat <i>For Up To 10, Add</i>	82.81	
			<i>For >10 To 20, Add</i>	21.00	
			<i>For >20 To 40, Add</i>	11.61	
			<i>For >75 To 100, Deduct</i>	6.36	
			<i>For >100 To 200, Deduct</i>	-3.18	
			<i>For >200, Deduct</i>	-6.91	
				-10.09	
07 54 23 00-0012	SQ		Acrylic Elastomeric, Surface Or Base Coating For TPO Roofing, Price Per Coat..... Note: 55% solids by volume.	72.11	
			<i>For Up To 10, Add</i>	18.86	
			<i>For >10 To 20, Add</i>	10.54	
			<i>For >20 To 40, Add</i>	5.82	
			<i>For >75 To 100, Deduct</i>	-2.91	
			<i>For >100 To 200, Deduct</i>	-6.38	
			<i>For >200, Deduct</i>	-9.29	
			<i>For Tan Or Gray Color, Add</i>	2.50	
07 54 23 00-0013	EA		Up To 3" Pipe Diameter, Prefabricated Thermoplastic Polyolefin Pipe Cone/Boot..... Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	62.69	9.43
07 54 23 00-0014	EA		>3" To 8" Pipe Diameter, Prefabricated Thermoplastic Polyolefin Pipe Cone/Boot..... Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	67.70	10.54
07 54 23 00-0015	EA		6" Diameter, Prefabricated TPO Penetration Pocket..... Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.	123.81	11.65
07 54 23 00-0016	LF		30" Wide, TPO Walkway Protection Pad	29.03	6.44
07 54 23 00-0017	SF		Thermoplastic Polyolefin Membrane Base Flashing	8.09	1.66
07 54 23 00-0018	SF		Thermoplastic Polyolefin Curb Flashing	7.05	1.66
			<i>For Tan Or Gray Color, Add</i>	0.10	
07 54 23 00-0019	SF		Thermoplastic Polyolefin Clad Edge Metal Or Base Flashing..... Note: 20 Mil TPO membrane laminated to 24 gauge galvanized steel.	11.81	1.66

07 55 Protected Membrane Roofing (07 50)

See CSI section 07 26 13 00-0000 for wood deck building paper.

07 56 Fluid-Applied Roofing (07 50)

07 56 00 00-0001 Neoprene Hypalon Liquid Roofing, 5 Coats (07 56)

07 56 00 00-0002	SQ		60 Mil 5 Coat Spray-on Neoprene Hypalon Liquid Roofing <i>For Each Additional Coat, Add</i>	1,077.06	147.95
				161.56	

07 56 00 00-0003 Vinyl Spray Liquid Roofing (07 56)

07 56 00 00-0004	SQ		2 Mil Vinyl Liquid Roofing	1,094.94	155.91
07 56 00 00-0005	SQ		4 Mil Vinyl Liquid Roofing	1,225.03	174.13

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 56 Fluid-Applied Roofing**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 56 00 00-0006	Silicone Elastomeric Liquid Roofing (07 56)			
07 56 00 00-0007	SQ	65% Solids, Silicone Elastomeric Spray-on Roofing, 3 Coats, 16 Mil Per Coat.....	436.18	89.33
07 56 00 00-0008	SQ	65% Solids, Silicone Elastomeric Rolled-on Roofing, 3 Coats, 16 Mil Per Coat.....	522.77	89.33
07 56 00 00-0009	SQ	65% Solids, Silicone Elastomeric Brushed-on Roofing, 3 Coats, 16 Mil Per Coat.....	587.89	89.33
07 56 00 00-0010	Rubberized Acrylic Elastomeric Roof Coating, Sprayed On (07 56)			
	Note: As manufactured by Tru-Co, Inc.			
07 56 00 00-0011	Rubberized Acrylic Elastomeric Roof Coating, Sprayed On Assemblies (07 56 00 00-0010)			
07 56 00 00-0012	SQ	Elastomeric Installation Over Urethane Foam.....	969.15	
07 56 00 00-0013	SQ	Elastomeric Installation Over Decks.....	994.60	
07 56 00 00-0014	SQ	Elastomeric Installation Over Exterior, Waterproofing.....	395.90	
07 56 00 00-0015	SQ	Elastomeric Installation Over Existing Tar (Asphalt) And Gravel Roof.....	1,277.41	
07 56 00 00-0016	SQ	Elastomeric Installation Over New Construction, Waterproofing.....	704.03	
07 56 00 00-0017	SQ	Elastomeric Installation Over Mobile Home.....	466.71	
07 56 00 00-0018	SQ	Elastomeric Installation Over Corrugated Metal Roofs.....	545.16	
07 56 00 00-0019	SQ	Elastomeric Installation Over Granulate Mineral Surface, Cap Sheet (Semi-Smooth) Surface.....	1,047.60	
07 56 00 00-0020	SQ	4" Acrylic Gel With Fabric (Apply At Edges).....	3.75	
07 56 00 00-0021	SQ	6" Acrylic Gel With Fabric (Apply At Edges).....	5.32	
07 56 00 00-0022	Polyurethane Roof Coating, Sprayed On Assemblies (07 56)			
	Note: Includes pressure wash, primer, base coat, polyester reinforcement, top coat and finish coat.			
07 56 00 00-0023	SF	Up To 50 SF White (High-Albedo) Polyurethane Coating.....	11.28	
07 56 00 00-0024	SF	>50 To 100 SF White (High-Albedo) Polyurethane Coating.....	10.79	
07 56 00 00-0025	SF	>100 To 500 SF White (High-Albedo) Polyurethane Coating.....	10.32	
07 56 00 00-0026	SEA	>500 To 1,000 SF White (High-Albedo) Polyurethane Coating.....	9.72	
07 56 00 00-0027	Elastomeric Asphalt/Urethane Liquid Roofing Membrane (07 56)			
07 56 00 00-0028	SQ	90 Mil, Elastomeric Asphalt/Urethane Liquid Roofing Membrane.....	1,805.11	89.33
	Note: Includes applying a 30 mil base coat, rolling in a stichbonded polyester reinforcing scrim and applying a 60 mil second coat.			
07 56 00 00-0029	Urethane Liquid Roofing Membrane (07 56)			
	Note: Garland White Knight Energy Star single component urethane restoration system. 10 year warranty. Used for restoration of membrane, built up, metal and modified roofing systems.			
07 56 00 00-0030	SQ	Ulti-Mat™ 38" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems.....	94.00	
07 56 00 00-0031	LF	Ulti-Mat™ 6" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems.....	5.25	
07 56 00 00-0032	SQ	White-Knight® Premium Multi-Purpose Urethane Restoration Reflective Coating For Metal, Membrane, BUR, Single-Ply (2 GAL/SQ).....	358.48	
07 56 00 00-0033	SQ	White-Knight® Metal Primer One Component Metal Primer For Placement Under The White-Knight System.....	92.69	
07 56 00 00-0034	SQ	White-Knight® Plus High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply.....	883.40	
07 56 00 00-0035	SQ	White-Knight® Plus Base Coat High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply.....	1,335.03	
07 56 00 00-0036	SQ	White-Knight® Plus WC High Strength, Multi-Purpose, VOC Compliant, Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply.....	913.90	
07 56 00 00-0037	SQ	White-Star Premium, White Polyurea Restoration Adhesive For Mineral And Smooth Modified And BUR (2 GAL/SQ).....	236.27	
07 57 Coated Foamed Roofing (07 50)				
07 57 13 Sprayed Polyurethane Foam Roofing (07 57)				
	Note: Includes power washing. Excludes ballast removal and priming metal surfaces. Excludes walkways.			
07 57 13 00-0001	Sprayed Polyurethane Foam Roofing Systems (07 57 13)			
07 57 13 00-0002	Sprayed Polyurethane Foam Roofing Systems With Acrylic Elastomeric Coating (07 57 13 00-0001)			
07 57 13 00-0003	Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating (07 57 13 00-0002)			
	Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 5 year warranty.			
07 57 13 00-0004	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....	347.12	54.61
07 57 13 00-0005	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....	414.54	58.50
07 57 13 00-0006	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....	481.98	62.41
07 57 13 00-0007	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....	555.99	66.31
07 57 13 00-0008	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....	630.02	70.21
07 57 13 00-0009	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....	690.84	74.11
07 57 13 00-0010	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....	751.67	78.01
07 57 13 00-0011	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....	819.09	81.91

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
07 57 13 00-0012	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	886.53		85.81
07 57 13 00-0013	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	953.94		89.72
07 57 13 00-0014	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	1,021.37		93.61
07 57 13 00-0015 Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating (07 57 13 00-0002)					
Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 10 year warranty.					
07 57 13 00-0016	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	357.38		54.61
07 57 13 00-0017	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	424.81		58.50
07 57 13 00-0018	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	492.24		62.41
07 57 13 00-0019	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	559.65		66.31
07 57 13 00-0020	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	627.09		70.21
07 57 13 00-0021	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	694.51		74.11
07 57 13 00-0022	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	761.93		78.01
07 57 13 00-0023	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	829.36		81.91
07 57 13 00-0024	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	896.79		85.81
07 57 13 00-0025	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	964.20		89.72
07 57 13 00-0026	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	1,031.64		93.61
07 57 13 00-0027 Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating (07 57 13 00-0002)					
Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 15 year warranty.					
07 57 13 00-0028	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	382.31		54.61
07 57 13 00-0029	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	447.54		58.50
07 57 13 00-0030	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	512.77		62.41
07 57 13 00-0031	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	580.18		66.31
07 57 13 00-0032	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	647.62		70.21
07 57 13 00-0033	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	742.46		74.11
07 57 13 00-0034	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	837.31		78.01
07 57 13 00-0035	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	910.30		81.91
07 57 13 00-0036	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	983.31		85.81
07 57 13 00-0037	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	1,056.29		89.72
07 57 13 00-0038	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	1,129.30		93.61
07 57 13 00-0039 Sprayed Polyurethane Foam Roofing Systems With Silicone Elastomeric Coating (07 57 13 00-0001)					
07 57 13 00-0040 Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating (07 57 13 00-0039)					
Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 5 year warranty.					
07 57 13 00-0041	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	389.65		54.61
07 57 13 00-0042	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	462.64		58.50
07 57 13 00-0043	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	535.65		62.41
07 57 13 00-0044	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	608.63		66.31
07 57 13 00-0045	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	681.64		70.21
07 57 13 00-0046	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	754.63		74.11
07 57 13 00-0047	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	827.63		78.01
07 57 13 00-0048	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	900.62		81.91

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 57 Coated Foamed Roofing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 57 13 00-0049	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....	973.63	85.81
07 57 13 00-0050	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....	1,046.62	89.72
07 57 13 00-0051	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....	1,119.62	93.61

07 57 13 00-0052 Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating

(07 57 13 00-0039)

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 10 year warranty.

07 57 13 00-0053	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	404.16	54.61
07 57 13 00-0054	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	477.16	58.50
07 57 13 00-0055	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	550.16	62.41
07 57 13 00-0056	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	623.15	66.31
07 57 13 00-0057	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	696.15	70.21
07 57 13 00-0058	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	769.15	74.11
07 57 13 00-0059	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	842.15	78.01
07 57 13 00-0060	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	915.14	81.91
07 57 13 00-0061	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	988.15	85.81
07 57 13 00-0062	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	1,061.13	89.72
07 57 13 00-0063	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	1,134.14	93.61

07 57 13 00-0064 Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating

(07 57 13 00-0039)

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 15 year warranty.

07 57 13 00-0065	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	415.45	54.61
07 57 13 00-0066	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	488.45	58.50
07 57 13 00-0067	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	561.46	62.41
07 57 13 00-0068	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	634.44	66.31
07 57 13 00-0069	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	707.45	70.21
07 57 13 00-0070	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	780.44	74.11
07 57 13 00-0071	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	853.44	78.01
07 57 13 00-0072	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	926.43	81.91
07 57 13 00-0073	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	999.44	85.81
07 57 13 00-0074	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	1,072.42	89.72
07 57 13 00-0075	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	1,145.43	93.61

07 58 Roll Roofing (07 50)**07 58 00 00-0001 Prepared Roll Roofing** (07 58)

Note: Fastened with roofing nails and roofing cement. Includes fasteners and adhesive. Excludes warranty. See CSI section 07 51 13 00-0033 for underlayment.

07 58 00 00-0002	SQ	Granule Surfaced, 90 LB, Asphalt Saturated Organic Felt Roll Roofing.....	255.39	35.10
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07 59 Membrane Roofing Termination Bar (07 50)**07 59 00 00-0001 Membrane Roofing Termination Bar** (07 59)

07 59 00 00-0002	LF	Membrane Roofing Termination Bar.....	4.98	1.60
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Note: Includes fasteners and caulking.

07 60 Flashing and Sheet Metal (07)**07 61 Sheet Metal Roofing** (07 60)**07 61 13 Standing Seam Sheet Metal Roofing** (07 61)**07 61 13 00-0001 Standing Seam Concealed Fastener Roofing** (07 61 13)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 61 13 00-0002 Copper Standing Seam Concealed Fastener Roofing (07 61 13 00-0001)

07 61 13 00-0003	SF		Architectural 16 Ounce Copper Standing Seam Concealed Fastener Roofing.....	35.30	3.22
			<i>For Steep Roof, Over 6 To 12, Add</i>	1.93	
			<i>For 140 MPH Wind Load, Add</i>	1.22	
			<i>For Panels <16" Wide, Add</i>	2.95	
			<i>For Up To 1,500, Add</i>	8.83	
			<i>For >1,500 To 5,000, Add</i>	5.30	
			<i>For >5,000 To 10,000, Add</i>	0.88	
07 61 13 00-0004	SF		Architectural 18 Ounce Copper Standing Seam Concealed Fastener Roofing.....	38.66	3.49
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.09	
			<i>For 140 MPH Wind Load, Add</i>	1.33	
			<i>For Panels <16" Wide, Add</i>	3.22	
			<i>For Up To 1,500, Add</i>	9.67	
			<i>For >1,500 To 5,000, Add</i>	5.80	
			<i>For >5,000 To 10,000, Add</i>	0.97	
07 61 13 00-0005	SF		Architectural 20 Ounce Copper Standing Seam Concealed Fastener Roofing.....	45.63	3.80
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.28	
			<i>For 140 MPH Wind Load, Add</i>	1.52	
			<i>For Panels <16" Wide, Add</i>	3.69	
			<i>For Up To 1,500, Add</i>	11.41	
			<i>For >1,500 To 5,000, Add</i>	6.84	
			<i>For >5,000 To 10,000, Add</i>	1.14	

07 61 13 00-0006 Zinc/Copper Standing Seam Concealed Fastener Roofing (07 61 13 00-0001)

07 61 13 00-0007	SF		0.020" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing.....	41.34	3.49
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.09	
			<i>For 140 MPH Wind Load, Add</i>	1.38	
			<i>For Panels <16" Wide, Add</i>	3.36	
			<i>For Up To 1,500, Add</i>	10.34	
			<i>For >1,500 To 5,000, Add</i>	6.20	
			<i>For >5,000 To 10,000, Add</i>	1.03	
			<i>For Tin/Copper, Deduct</i>	-0.69	
07 61 13 00-0008	SF		0.027" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing.....	50.23	3.63
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.18	
			<i>For 140 MPH Wind Load, Add</i>	1.59	
			<i>For Panels <16" Wide, Add</i>	3.86	
			<i>For Up To 1,500, Add</i>	12.56	
			<i>For >1,500 To 5,000, Add</i>	7.53	
			<i>For >5,000 To 10,000, Add</i>	1.26	
			<i>For Tin/Copper, Deduct</i>	-0.86	
07 61 13 00-0009	SF		0.032" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing.....	57.18	3.80
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.28	
			<i>For 140 MPH Wind Load, Add</i>	1.75	
			<i>For Panels <16" Wide, Add</i>	4.27	
			<i>For Up To 1,500, Add</i>	14.30	
			<i>For >1,500 To 5,000, Add</i>	8.58	
			<i>For >5,000 To 10,000, Add</i>	1.43	
			<i>For Tin/Copper, Deduct</i>	-0.99	
07 61 13 00-0010	SF		0.040" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing.....	71.91	3.99
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.39	
			<i>For 140 MPH Wind Load, Add</i>	2.08	
			<i>For Panels <16" Wide, Add</i>	5.07	
			<i>For Up To 1,500, Add</i>	17.98	
			<i>For >1,500 To 5,000, Add</i>	10.79	
			<i>For >5,000 To 10,000, Add</i>	1.80	
			<i>For Tin/Copper, Deduct</i>	-1.28	

07 61 13 00-0011 Accessories For Copper Standing Seam Concealed Fastener Roofing (07 61 13 00-0001)

07 61 13 00-0012	LF		Ridge Flashing For Copper Standing Seam Concealed Fastener Roofing.....	149.60	6.65
			<i>For Steep Roof, Over 6 To 12, Add</i>	4.99	
			<i>For 140 MPH Wind Load, Add</i>	4.32	
07 61 13 00-0013	LF		Eave Flashing For Copper Standing Seam Concealed Fastener Roofing.....	85.20	6.65
			<i>For Steep Roof, Over 6 To 12, Add</i>	4.99	
			<i>For 140 MPH Wind Load, Add</i>	3.03	
07 61 13 00-0014	LF		Valley Flashing For Copper Standing Seam Concealed Fastener Roofing.....	210.50	6.65
			<i>For Steep Roof, Over 6 To 12, Add</i>	4.99	
			<i>For 140 MPH Wind Load, Add</i>	5.54	
07 61 13 00-0015	LF		Hip Flashing For Copper Standing Seam Concealed Fastener Roofing.....	154.42	6.65
			<i>For Steep Roof, Over 6 To 12, Add</i>	4.99	
			<i>For 140 MPH Wind Load, Add</i>	4.42	

07 61 16 Batten Seam Sheet Metal Roofing (07 61)
07 61 16 00-0001 Copper Batten Seam Concealed Fastener Roofing (07 61 16)
07 61 16 00-0002 Copper Batten Seam Concealed Fastener Roofing (07 61 16 00-0001)

07 61 16 00-0003	SF		16 Ounce Copper Batten Seam Concealed Fastener Roofing.....	43.52	3.80
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.28	
			<i>For 140 MPH Wind Load, Add</i>	1.48	
			<i>For Panels <16" Wide, Add</i>	3.58	
			<i>For Up To 1,500, Add</i>	10.88	
			<i>For >1,500 To 5,000, Add</i>	6.53	
			<i>For >5,000 To 10,000, Add</i>	1.09	

07 Thermal And Moisture Protection**07 60 Flashing and Sheet Metal****07 61 Sheet Metal Roofing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 61 16 00-0004	SF	18 Ounce Copper Batten Seam Concealed Fastener Roofing	48.12	4.00
		<i>For Steep Roof, Over 6 To 12, Add</i>	2.39	
		<i>For 140 MPH Wind Load, Add</i>	1.60	
		<i>For Panels <16" Wide, Add</i>	3.88	
		<i>For Up To 1,500, Add</i>	12.03	
		<i>For >1,500 To 5,000, Add</i>	7.22	
		<i>For >5,000 To 10,000, Add</i>	1.20	
07 61 16 00-0005	SF	20 Ounce Copper Batten Seam Concealed Fastener Roofing	56.26	4.18
		<i>For Steep Roof, Over 6 To 12, Add</i>	2.51	
		<i>For 140 MPH Wind Load, Add</i>	1.79	
		<i>For Panels <16" Wide, Add</i>	4.36	
		<i>For Up To 1,500, Add</i>	14.07	
		<i>For >1,500 To 5,000, Add</i>	8.44	
		<i>For >5,000 To 10,000, Add</i>	1.41	

07 61 16 00-0006 Zinc/Copper Batten Seam Concealed Fastener Roofing (07 61 16 00-0001)

07 61 16 00-0007	SF	0.020" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	44.30	3.49
		<i>For Steep Roof, Over 6 To 12, Add</i>	2.09	
		<i>For 140 MPH Wind Load, Add</i>	1.44	
		<i>For Panels <16" Wide, Add</i>	3.50	
		<i>For Up To 1,500, Add</i>	11.08	
		<i>For >1,500 To 5,000, Add</i>	6.65	
		<i>For >5,000 To 10,000, Add</i>	1.11	
		<i>For Tin/Copper, Deduct</i>	-0.75	
07 61 16 00-0008	SF	0.027" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	54.46	3.63
		<i>For Steep Roof, Over 6 To 12, Add</i>	2.18	
		<i>For 140 MPH Wind Load, Add</i>	1.67	
		<i>For Panels <16" Wide, Add</i>	4.07	
		<i>For Up To 1,500, Add</i>	13.62	
		<i>For >1,500 To 5,000, Add</i>	8.17	
		<i>For >5,000 To 10,000, Add</i>	1.36	
		<i>For Tin/Copper, Deduct</i>	-0.94	
07 61 16 00-0009	SF	0.032" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	61.12	3.80
		<i>For Steep Roof, Over 6 To 12, Add</i>	2.28	
		<i>For 140 MPH Wind Load, Add</i>	1.83	
		<i>For Panels <16" Wide, Add</i>	4.46	
		<i>For Up To 1,500, Add</i>	15.28	
		<i>For >1,500 To 5,000, Add</i>	9.17	
		<i>For >5,000 To 10,000, Add</i>	1.53	
		<i>For Tin/Copper, Deduct</i>	-1.07	
07 61 16 00-0010	SF	0.040" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	76.98	3.99
		<i>For Steep Roof, Over 6 To 12, Add</i>	2.39	
		<i>For 140 MPH Wind Load, Add</i>	2.18	
		<i>For Panels <16" Wide, Add</i>	5.32	
		<i>For Up To 1,500, Add</i>	19.25	
		<i>For >1,500 To 5,000, Add</i>	11.55	
		<i>For >5,000 To 10,000, Add</i>	1.92	
		<i>For Tin/Copper, Deduct</i>	-1.38	

07 61 19 Flat Seam Sheet Metal Roofing (07 61)**07 61 19 00-0001 Copper Flat Seam Concealed Fastener Roofing (07 61 19)****07 61 19 00-0002 Copper Flat Seam Concealed Fastener Roofing (07 61 19 00-0001)**

07 61 19 00-0003	SF	16 Ounce Copper Flat Seam Concealed Fastener Roofing.....	33.45	3.49
		<i>For Steep Roof, Over 6 To 12, Add</i>	2.09	
		<i>For 140 MPH Wind Load, Add</i>	1.23	
		<i>For Panels <16" Wide, Add</i>	2.96	
		<i>For Up To 1,500, Add</i>	8.36	
		<i>For >1,500 To 5,000, Add</i>	5.02	
		<i>For >5,000 To 10,000, Add</i>	0.84	
07 61 19 00-0004	SF	18 Ounce Copper Flat Seam Concealed Fastener Roofing.....	36.86	3.63
		<i>For Steep Roof, Over 6 To 12, Add</i>	2.18	
		<i>For 140 MPH Wind Load, Add</i>	1.32	
		<i>For Panels <16" Wide, Add</i>	3.19	
		<i>For Up To 1,500, Add</i>	9.22	
		<i>For >1,500 To 5,000, Add</i>	5.53	
		<i>For >5,000 To 10,000, Add</i>	0.92	
07 61 19 00-0005	SF	20 Ounce Copper Flat Seam Concealed Fastener Roofing.....	42.81	3.80
		<i>For Steep Roof, Over 6 To 12, Add</i>	2.28	
		<i>For 140 MPH Wind Load, Add</i>	1.46	
		<i>For Panels <16" Wide, Add</i>	3.55	
		<i>For Up To 1,500, Add</i>	10.70	
		<i>For >1,500 To 5,000, Add</i>	6.42	
		<i>For >5,000 To 10,000, Add</i>	1.07	

07 61 19 00-0006 Zinc/Copper Flat Seam Concealed Fastener Roofing (07 61 19 00-0001)

07 61 19 00-0007	SF	0.020" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing.....	38.66	3.49
		<i>For Steep Roof, Over 6 To 12, Add</i>	2.09	
		<i>For 140 MPH Wind Load, Add</i>	1.33	
		<i>For Panels <16" Wide, Add</i>	3.22	
		<i>For Up To 1,500, Add</i>	9.67	
		<i>For >1,500 To 5,000, Add</i>	5.80	
		<i>For >5,000 To 10,000, Add</i>	0.97	
		<i>For Tin/Copper, Deduct</i>	-0.63	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 61 19 00-0008	SF		0.027" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing.....	47.42	3.63
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.18	
			<i>For 140 MPH Wind Load, Add</i>	1.53	
			<i>For Panels <16" Wide, Add</i>	3.72	
			<i>For Up To 1,500, Add</i>	11.86	
			<i>For >1,500 To 5,000, Add</i>	7.11	
			<i>For >5,000 To 10,000, Add</i>	1.19	
			<i>For Tin/Copper, Deduct</i>	-0.80	
07 61 19 00-0009	SF		0.032" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing.....	53.38	3.80
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.28	
			<i>For 140 MPH Wind Load, Add</i>	1.68	
			<i>For Panels <16" Wide, Add</i>	4.08	
			<i>For Up To 1,500, Add</i>	13.35	
			<i>For >1,500 To 5,000, Add</i>	8.01	
			<i>For >5,000 To 10,000, Add</i>	1.33	
			<i>For Tin/Copper, Deduct</i>	-0.92	
07 61 19 00-0010	SF		0.040" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing.....	67.12	3.99
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.39	
			<i>For 140 MPH Wind Load, Add</i>	1.98	
			<i>For Panels <16" Wide, Add</i>	4.83	
			<i>For Up To 1,500, Add</i>	16.78	
			<i>For >1,500 To 5,000, Add</i>	10.07	
			<i>For >5,000 To 10,000, Add</i>	1.68	
			<i>For Tin/Copper, Deduct</i>	-1.18	

07 62 Sheet Metal Flashing and Trim (07 60)

07 62 13 Fabricated Copings (07 62)

07 62 13 00-0001 Lead Flashing And Trim (07 62 13)

07 62 13 00-0002	SF		2.5 LB/SF Sheet Lead Flashing.....	22.56	5.37
			<i>For Up To 100, Add</i>	5.64	
07 62 13 00-0003	SF		4 LB/SF Sheet Lead Flashing.....	29.56	5.37
			<i>For Up To 100, Add</i>	7.39	

07 62 13 00-0004 Copper Flashing And Trim (07 62 13)

07 62 13 00-0005 Copper Flashing And Trim (07 62 13 00-0004)

07 62 13 00-0006	SF		16 Ounce, 0.021" Thick, Copper Flashing And Trim.....	28.94	5.24
			<i>For Up To 100, Add</i>	7.24	
			<i>For >500 To 2,000, Deduct</i>	-3.97	
			<i>For >2,000, Deduct</i>	-4.90	
			<i>For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add</i>	2.07	
			<i>For Wrap Around Window Panning, Add</i>	10.36	
07 62 13 00-0007	SF		20 Ounce, 0.027" Thick, Copper Flashing And Trim.....	29.87	5.37
			<i>For Up To 100, Add</i>	7.47	
			<i>For >500 To 2,000, Deduct</i>	-4.10	
			<i>For >2,000, Deduct</i>	-5.05	
			<i>For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add</i>	2.17	
			<i>For Wrap Around Window Panning, Add</i>	10.83	
07 62 13 00-0008	SF		24 Ounce, 0.032" Thick, Copper Flashing And Trim.....	34.20	5.72
			<i>For Up To 100, Add</i>	8.55	
			<i>For >500 To 2,000, Deduct</i>	-4.67	
			<i>For >2,000, Deduct</i>	-5.82	
			<i>For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add</i>	2.27	
			<i>For Wrap Around Window Panning, Add</i>	11.35	
07 62 13 00-0009	SF		32 Ounce, 0.043" Thick, Copper Flashing And Trim.....	42.37	5.96
			<i>For Up To 100, Add</i>	10.59	
			<i>For >500 To 2,000, Deduct</i>	-5.75	
			<i>For >2,000, Deduct</i>	-7.27	
			<i>For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add</i>	2.38	
			<i>For Wrap Around Window Panning, Add</i>	11.91	

07 62 13 00-0010 Stainless Steel Flashing And Trim (07 62 13)

07 62 13 00-0011 Stainless Steel Flashing And Trim (07 62 13 00-0010)

07 62 13 00-0012	SF		32 Gauge, 0.010" Thick, Stainless Steel Flashing And Trim.....	10.85	2.86
			<i>For Up To 100, Add</i>	2.71	
			<i>For Wrap Around Window Panning, Add</i>	7.36	
			<i>For Mechanically Keyed Flashing, Add</i>	1.40	
07 62 13 00-0013	SF		30 Gauge, 0.0125" Thick, Stainless Steel Flashing And Trim.....	11.83	3.22
			<i>For Up To 100, Add</i>	2.96	
			<i>For Wrap Around Window Panning, Add</i>	7.47	
			<i>For Mechanically Keyed Flashing, Add</i>	1.74	
07 62 13 00-0014	SF		28 Gauge, 0.0156" Thick, Stainless Steel Flashing And Trim.....	12.82	3.57
			<i>For Up To 100, Add</i>	3.21	
			<i>For Wrap Around Window Panning, Add</i>	7.59	
			<i>For Mechanically Keyed Flashing, Add</i>	2.09	
07 62 13 00-0015	SF		26 Gauge, 0.0187" Thick, Stainless Steel Flashing And Trim.....	14.38	3.94
			<i>For Up To 100, Add</i>	3.60	
			<i>For Wrap Around Window Panning, Add</i>	7.84	
			<i>For Mechanically Keyed Flashing, Add</i>	2.62	
07 62 13 00-0016	SF		24 Gauge, 0.025" Thick, Stainless Steel Flashing And Trim.....	16.99	4.17
			<i>For Up To 100, Add</i>	4.25	
			<i>For Wrap Around Window Panning, Add</i>	8.28	
			<i>For Mechanically Keyed Flashing, Add</i>	3.48	

07 Thermal And Moisture Protection**07 60 Flashing and Sheet Metal****07 62 Sheet Metal Flashing and Trim**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
07 62 13 00-0017	SF 22 Gauge, 0.031" Thick, Stainless Steel Flashing And Trim..... <i>For Up To 100, Add</i> <i>For Wrap Around Window Panning, Add</i> <i>For Mechanically Keyed Flashing, Add</i>	18.60 4.65 8.76 3.94	4.38
07 62 13 00-0018	SF 20 Gauge, 0.0375" Thick, Stainless Steel Flashing And Trim..... <i>For Up To 100, Add</i> <i>For Wrap Around Window Panning, Add</i> <i>For Mechanically Keyed Flashing, Add</i>	19.93 4.98 9.27 4.26	4.65
07 62 13 00-0019	Aluminum Flashing And Trim (07 62 13)		
07 62 13 00-0020	Aluminum Flashing And Trim (07 62 13 00-0019)		
07 62 13 00-0021	SF 0.013" Thick, Mill Finish, Aluminum Flashing And Trim <i>For Up To 100, Add</i> <i>For Baked Aluminum Colors, Add</i> <i>For Wrap Around Window Panning, Add</i>	11.19 2.80 0.30 8.21	3.69
07 62 13 00-0022	SF 0.016" Thick, Mill Finish, Aluminum Flashing And Trim <i>For Up To 100, Add</i> <i>For Baked Aluminum Colors, Add</i> <i>For Wrap Around Window Panning, Add</i>	11.84 2.96 0.36 8.21	3.69
07 62 13 00-0023	SF 0.019" Thick, Mill Finish, Aluminum Flashing And Trim <i>For Up To 100, Add</i> <i>For Baked Aluminum Colors, Add</i> <i>For Wrap Around Window Panning, Add</i>	12.35 3.09 0.41 8.21	3.69
07 62 13 00-0024	SF 0.024" Thick, Mill Finish, Aluminum Flashing And Trim <i>For Up To 100, Add</i> <i>For Baked Aluminum Colors, Add</i> <i>For Wrap Around Window Panning, Add</i>	13.10 3.28 0.49 8.21	3.69
07 62 13 00-0025	SF 0.032" Thick, Mill Finish, Aluminum Flashing And Trim <i>For Up To 100, Add</i> <i>For Baked Aluminum Colors, Add</i> <i>For Wrap Around Window Panning, Add</i>	14.14 3.54 0.59 8.21	3.69
07 62 13 00-0026	SF 0.040" Thick, Mill Finish, Aluminum Flashing And Trim <i>For Up To 100, Add</i> <i>For Baked Aluminum Colors, Add</i> <i>For Wrap Around Window Panning, Add</i>	14.78 3.70 0.66 8.21	3.69
07 62 13 00-0027	SF 0.050" Thick, Mill Finish, Aluminum Flashing And Trim <i>For Up To 100, Add</i> <i>For Baked Aluminum Colors, Add</i> <i>For Wrap Around Window Panning, Add</i>	15.29 3.82 0.71 8.21	3.69
07 62 13 00-0028	Steel Flashing And Trim (07 62 13)		
07 62 13 00-0029	Galvanized Steel Flashing And Trim (07 62 13 00-0028)		
07 62 13 00-0030	SF 28 Gauge, 0.019" Thick, Galvanized Steel Flashing..... <i>For Up To 100, Add</i> <i>For Wrap Around Window Panning, Add</i>	13.00 3.25 7.59	3.57
07 62 13 00-0031	SF 26 Gauge, 0.022" Thick, Galvanized Steel Flashing..... <i>For Up To 100, Add</i> <i>For Wrap Around Window Panning, Add</i>	13.55 3.39 7.84	3.94
07 62 13 00-0032	SF 24 Gauge, 0.028" Thick, Galvanized Steel Flashing..... <i>For Up To 100, Add</i> <i>For Wrap Around Window Panning, Add</i>	14.44 3.61 8.28	4.17
07 62 13 00-0033	SF 22 Gauge, 0.034" Thick, Galvanized Steel Flashing..... <i>For Up To 100, Add</i> <i>For Wrap Around Window Panning, Add</i>	15.37 3.84 8.76	4.38
07 62 13 00-0034	SF 20 Gauge, 0.04" Thick, Galvanized Steel Flashing..... <i>For Up To 100, Add</i> <i>For Wrap Around Window Panning, Add</i>	16.67 4.17 9.27	4.65
07 62 19	Fabricated Gravel Stops and Fasciae (07 62)		
07 62 19 00-0001	Drip Edge (07 62 19)		
07 62 19 00-0002	Aluminum Drip Edge (07 62 19 00-0001) Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 19 00-0003	KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0002)		
07 62 19 00-0004	0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)		
07 62 19 00-0005	LF Up To 5" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	13.04	1.76
07 62 19 00-0006	LF >5" To 7" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	16.31	1.87
07 62 19 00-0007	LF >7" To 9" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	18.43	2.11
07 62 19 00-0008	LF >9" To 12" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	22.22	2.22
07 62 19 00-0009	LF >12" To 15" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	28.48	2.34
07 62 19 00-0010	0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)		
07 62 19 00-0011	LF Up To 5" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	13.97	1.76
07 62 19 00-0012	LF >5" To 7" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	17.34	1.87
07 62 19 00-0013	LF >7" To 9" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	19.99	2.11
07 62 19 00-0014	LF >9" To 12" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	24.09	2.22
07 62 19 00-0015	LF >12" To 15" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	30.24	2.34
07 62 19 00-0016	0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 19 00-0017	LF		Up To 5" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	14.90	1.76
07 62 19 00-0018	LF		>5" To 7" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	18.59	1.87
07 62 19 00-0019	LF		>7" To 9" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	21.49	2.11
07 62 19 00-0020	LF		>9" To 12" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	25.95	2.22
07 62 19 00-0021	LF		>12" To 15" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	32.73	2.34
07 62 19 00-0022			0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)		
07 62 19 00-0023	LF		Up To 5" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	16.77	1.76
07 62 19 00-0024	LF		>5" To 7" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	21.07	1.87
07 62 19 00-0025	LF		>7" To 9" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	24.45	2.11
07 62 19 00-0026	LF		>9" To 12" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	29.69	2.22
07 62 19 00-0027	LF		>12" To 15" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	37.71	2.34
07 62 19 00-0028			0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)		
07 62 19 00-0029	LF		Up To 5" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	17.39	1.76
07 62 19 00-0030	LF		>5" To 7" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	22.01	1.87
07 62 19 00-0031	LF		>7" To 9" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	25.43	2.11
07 62 19 00-0032	LF		>9" To 12" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	30.93	2.22
07 62 19 00-0033	LF		>12" To 15" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	39.37	2.34
07 62 19 00-0034			0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)		
07 62 19 00-0035	LF		Up To 5" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	19.57	1.76
07 62 19 00-0036	LF		>5" To 7" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	24.81	1.87
07 62 19 00-0037	LF		>7" To 9" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	28.85	2.11
07 62 19 00-0038	LF		>9" To 12" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	35.29	2.22
07 62 19 00-0039	LF		>12" To 15" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	45.17	2.34
07 62 19 00-0040			0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)		
07 62 19 00-0041	LF		Up To 5" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	22.68	1.76
07 62 19 00-0042	LF		>5" To 7" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	28.95	1.87
07 62 19 00-0043	LF		>7" To 9" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	33.78	2.11
07 62 19 00-0044	LF		>9" To 12" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	41.51	2.22
07 62 19 00-0045	LF		>12" To 15" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	53.47	2.34
07 62 19 00-0046			0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)		
07 62 19 00-0047	LF		Up To 5" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	26.41	1.76
07 62 19 00-0048	LF		>5" To 7" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	33.93	1.87
07 62 19 00-0049	LF		>7" To 9" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	39.69	2.11
07 62 19 00-0050	LF		>9" To 12" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	48.97	2.22
07 62 19 00-0051	LF		>12" To 15" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	63.42	2.34
07 62 19 00-0052			Mill Finish, Aluminum Drip Edge (07 62 19 00-0002)		
07 62 19 00-0053			0.016" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)		
07 62 19 00-0054	LF		Up To 5" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge.....	10.62	1.76
07 62 19 00-0055	LF		>5" To 7" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge.....	13.02	1.87
07 62 19 00-0056	LF		>7" To 9" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge.....	14.64	2.11
07 62 19 00-0057	LF		>9" To 12" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge.....	17.40	2.22
07 62 19 00-0058	LF		>12" To 15" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge.....	21.82	2.34
07 62 19 00-0059			0.019" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)		
07 62 19 00-0060	LF		Up To 5" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge.....	11.27	1.76
07 62 19 00-0061	LF		>5" To 7" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge.....	13.74	1.87
07 62 19 00-0062	LF		>7" To 9" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge.....	15.71	2.11
07 62 19 00-0063	LF		>9" To 12" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge.....	18.68	2.22
07 62 19 00-0064	LF		>12" To 15" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge.....	23.04	2.34
07 62 19 00-0065			0.025" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)		
07 62 19 00-0066	LF		Up To 5" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge.....	11.91	1.76
07 62 19 00-0067	LF		>5" To 7" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge.....	14.60	1.87
07 62 19 00-0068	LF		>7" To 9" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge.....	16.75	2.11
07 62 19 00-0069	LF		>9" To 12" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge.....	19.97	2.22
07 62 19 00-0070	LF		>12" To 15" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge.....	24.75	2.34
07 62 19 00-0071			0.032" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)		
07 62 19 00-0072	LF		Up To 5" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge.....	13.20	1.76
07 62 19 00-0073	LF		>5" To 7" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge.....	16.31	1.87
07 62 19 00-0074	LF		>7" To 9" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge.....	18.78	2.11
07 62 19 00-0075	LF		>9" To 12" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge.....	22.54	2.22
07 62 19 00-0076	LF		>12" To 15" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge.....	28.18	2.34
07 62 19 00-0077			0.040" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)		
07 62 19 00-0078	LF		Up To 5" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge.....	13.63	1.76

07 Thermal And Moisture Protection**07 60 Flashing and Sheet Metal****07 62 Sheet Metal Flashing and Trim**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 62 19 00-0079	LF	>5" To 7" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge.....	16.96	1.87
07 62 19 00-0080	LF	>7" To 9" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge.....	19.46	2.11
07 62 19 00-0081	LF	>9" To 12" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge.....	23.40	2.22
07 62 19 00-0082	LF	>12" To 15" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge.....	29.33	2.34
07 62 19 00-0083		0.050" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)		
07 62 19 00-0084	LF	Up To 5" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge.....	15.13	1.76
07 62 19 00-0085	LF	>5" To 7" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge.....	18.89	1.87
07 62 19 00-0086	LF	>7" To 9" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge.....	21.82	2.11
07 62 19 00-0087	LF	>9" To 12" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge.....	26.40	2.22
07 62 19 00-0088	LF	>12" To 15" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge.....	33.33	2.34
07 62 19 00-0089		0.063" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)		
07 62 19 00-0090	LF	Up To 5" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....	17.27	1.76
07 62 19 00-0091	LF	>5" To 7" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....	21.75	1.87
07 62 19 00-0092	LF	>7" To 9" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....	25.22	2.11
07 62 19 00-0093	LF	>9" To 12" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....	30.69	2.22
07 62 19 00-0094	LF	>12" To 15" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....	39.05	2.34
07 62 19 00-0095		0.080" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)		
07 62 19 00-0096	LF	Up To 5" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....	19.85	1.76
07 62 19 00-0097	LF	>5" To 7" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....	25.18	1.87
07 62 19 00-0098	LF	>7" To 9" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....	29.30	2.11
07 62 19 00-0099	LF	>9" To 12" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....	35.84	2.22
07 62 19 00-0100	LF	>12" To 15" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....	45.92	2.34
07 62 19 00-0101		Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0002)		
07 62 19 00-0102		0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)		
07 62 19 00-0103	LF	Up To 5" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	13.50	1.76
07 62 19 00-0104	LF	>5" To 7" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	16.94	1.87
07 62 19 00-0105	LF	>7" To 9" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	19.17	2.11
07 62 19 00-0106	LF	>9" To 12" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	23.15	2.22
07 62 19 00-0107	LF	>12" To 15" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	29.77	2.34
07 62 19 00-0108		0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)		
07 62 19 00-0109	LF	Up To 5" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	14.49	1.76
07 62 19 00-0110	LF	>5" To 7" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	18.04	1.87
07 62 19 00-0111	LF	>7" To 9" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	20.82	2.11
07 62 19 00-0112	LF	>9" To 12" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	25.13	2.22
07 62 19 00-0113	LF	>12" To 15" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	31.64	2.34
07 62 19 00-0114		0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)		
07 62 19 00-0115	LF	Up To 5" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	15.48	1.76
07 62 19 00-0116	LF	>5" To 7" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	19.36	1.87
07 62 19 00-0117	LF	>7" To 9" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	22.41	2.11
07 62 19 00-0118	LF	>9" To 12" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	27.11	2.22
07 62 19 00-0119	LF	>12" To 15" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	34.27	2.34
07 62 19 00-0120		0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)		
07 62 19 00-0121	LF	Up To 5" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	17.46	1.76
07 62 19 00-0122	LF	>5" To 7" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	21.99	1.87
07 62 19 00-0123	LF	>7" To 9" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	25.54	2.11
07 62 19 00-0124	LF	>9" To 12" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	31.07	2.22
07 62 19 00-0125	LF	>12" To 15" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	39.55	2.34
07 62 19 00-0126		0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)		
07 62 19 00-0127	LF	Up To 5" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	18.12	1.76
07 62 19 00-0128	LF	>5" To 7" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	22.98	1.87
07 62 19 00-0129	LF	>7" To 9" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	26.59	2.11
07 62 19 00-0130	LF	>9" To 12" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	32.39	2.22
07 62 19 00-0131	LF	>12" To 15" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	41.31	2.34
07 62 19 00-0132		0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)		
07 62 19 00-0133	LF	Up To 5" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	20.43	1.76
07 62 19 00-0134	LF	>5" To 7" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	25.95	1.87
07 62 19 00-0135	LF	>7" To 9" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	30.21	2.11
07 62 19 00-0136	LF	>9" To 12" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	37.00	2.22
07 62 19 00-0137	LF	>12" To 15" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	47.46	2.34
07 62 19 00-0138		0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)		
07 62 19 00-0139	LF	Up To 5" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	23.72	1.76
07 62 19 00-0140	LF	>5" To 7" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	30.35	1.87

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 62 19 00-0141	LF		>7" To 9" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	35.43	2.11
07 62 19 00-0142	LF		>9" To 12" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	43.60	2.22
07 62 19 00-0143	LF		>12" To 15" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	56.25	2.34
07 62 19 00-0144			0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)		
07 62 19 00-0145	LF		Up To 5" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	27.68	1.76
07 62 19 00-0146	LF		>5" To 7" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	35.62	1.87
07 62 19 00-0147	LF		>7" To 9" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	41.70	2.11
07 62 19 00-0148	LF		>9" To 12" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	51.51	2.22
07 62 19 00-0149	LF		>12" To 15" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	66.80	2.34
07 62 19 00-0150			Galvanized Steel Drip Edge (07 62 19 00-0001)		
			Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 19 00-0151			Galvanized Steel Drip Edge (07 62 19 00-0150)		
07 62 19 00-0152			26 Gauge, Galvanized Steel Drip Edge (07 62 19 00-0151)		
07 62 19 00-0153	LF		Up To 5" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	12.40	1.76
07 62 19 00-0154	LF		>5" To 7" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	15.32	1.87
07 62 19 00-0155	LF		>7" To 9" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	17.53	2.11
07 62 19 00-0156	LF		>9" To 12" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	20.96	2.22
07 62 19 00-0157	LF		>12" To 15" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	26.07	2.34
07 62 19 00-0158			24 Gauge, Galvanized Steel Drip Edge (07 62 19 00-0151)		
07 62 19 00-0159	LF		Up To 5" Girth, 24 Gauge, Galvanized Steel Drip Edge.....	13.48	1.76
07 62 19 00-0160	LF		>5" To 7" Girth, 24 Gauge, Galvanized Steel Drip Edge.....	16.75	1.87
07 62 19 00-0161	LF		>7" To 9" Girth, 24 Gauge, Galvanized Steel Drip Edge.....	19.23	2.11
07 62 19 00-0162	LF		>9" To 12" Girth, 24 Gauge, Galvanized Steel Drip Edge.....	23.11	2.22
07 62 19 00-0163	LF		>12" To 15" Girth, 24 Gauge, Galvanized Steel Drip Edge.....	28.92	2.34
07 62 19 00-0164			KYNAR 500® Finish, Galvanized Steel Drip Edge (07 62 19 00-0150)		
07 62 19 00-0165			26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge (07 62 19 00-0164)		
07 62 19 00-0166	LF		Up To 5" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	15.62	1.76
07 62 19 00-0167	LF		>5" To 7" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	19.63	1.87
07 62 19 00-0168	LF		>7" To 9" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	22.62	2.11
07 62 19 00-0169	LF		>9" To 12" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	27.39	2.22
07 62 19 00-0170	LF		>12" To 15" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	34.64	2.34
07 62 19 00-0171			24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge (07 62 19 00-0164)		
07 62 19 00-0172	LF		Up To 5" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	17.17	1.76
07 62 19 00-0173	LF		>5" To 7" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	21.72	1.87
07 62 19 00-0174	LF		>7" To 9" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	25.09	2.11
07 62 19 00-0175	LF		>9" To 12" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	30.50	2.22
07 62 19 00-0176	LF		>12" To 15" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	38.79	2.34
07 62 19 00-0177			Stainless Steel Drip Edge (07 62 19 00-0001)		
			Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 19 00-0178			26 Gauge, Stainless Steel Drip Edge (07 62 19 00-0177)		
07 62 19 00-0179	LF		Up To 5" Girth, 26 Gauge, Stainless Steel Drip Edge.....	21.57	1.76
07 62 19 00-0180	LF		>5" To 7" Girth, 26 Gauge, Stainless Steel Drip Edge.....	27.48	1.87
07 62 19 00-0181	LF		>7" To 9" Girth, 26 Gauge, Stainless Steel Drip Edge.....	32.02	2.11
07 62 19 00-0182	LF		>9" To 12" Girth, 26 Gauge, Stainless Steel Drip Edge.....	39.29	2.22
07 62 19 00-0183	LF		>12" To 15" Girth, 26 Gauge, Stainless Steel Drip Edge.....	50.51	2.34
07 62 19 00-0184			24 Gauge, Stainless Steel Drip Edge (07 62 19 00-0177)		
07 62 19 00-0185	LF		Up To 5" Girth, 24 Gauge, Stainless Steel Drip Edge.....	26.70	1.76
07 62 19 00-0186	LF		>5" To 7" Girth, 24 Gauge, Stainless Steel Drip Edge.....	34.32	1.87
07 62 19 00-0187	LF		>7" To 9" Girth, 24 Gauge, Stainless Steel Drip Edge.....	40.18	2.11
07 62 19 00-0188	LF		>9" To 12" Girth, 24 Gauge, Stainless Steel Drip Edge.....	49.56	2.22
07 62 19 00-0189	LF		>12" To 15" Girth, 24 Gauge, Stainless Steel Drip Edge.....	64.20	2.34
07 62 19 00-0190			22 Gauge, Stainless Steel Drip Edge (07 62 19 00-0177)		
07 62 19 00-0191	LF		Up To 5" Girth, 22 Gauge, Stainless Steel Drip Edge.....	32.74	1.76
07 62 19 00-0192	LF		>5" To 7" Girth, 22 Gauge, Stainless Steel Drip Edge.....	42.38	1.87
07 62 19 00-0193	LF		>7" To 9" Girth, 22 Gauge, Stainless Steel Drip Edge.....	49.74	2.11
07 62 19 00-0194	LF		>9" To 12" Girth, 22 Gauge, Stainless Steel Drip Edge.....	61.64	2.22
07 62 19 00-0195	LF		>12" To 15" Girth, 22 Gauge, Stainless Steel Drip Edge.....	80.31	2.34

07 63 Sheet Metal Roofing Specialties (07 60)

07 63 00 00-0001			Pitch Pockets (07 63)		
			Note: Cut into deck, filled with non-shrink grout, includes blocking.		
07 63 00 00-0002			24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pockets (07 63 00 00-0001)		

07 Thermal And Moisture Protection**07 60 Flashing and Sheet Metal****07 63 Sheet Metal Roofing Specialties**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 63 00 00-0003	EA	4" x 4" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	86.19	
		<i>For Pourable Sealer Filled, Add</i>	37.92	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	18.97	
07 63 00 00-0004	EA	6" x 6" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	104.38	
		<i>For Pourable Sealer Filled, Add</i>	85.37	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	42.80	
07 63 00 00-0005	EA	8" x 8" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	127.69	
		<i>For Pourable Sealer Filled, Add</i>	151.67	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	75.66	
07 63 00 00-0006	EA	8" x 10" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	140.53	
		<i>For Pourable Sealer Filled, Add</i>	189.59	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	95.11	
07 63 00 00-0007	EA	8" x 12" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	152.66	
		<i>For Pourable Sealer Filled, Add</i>	227.51	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	113.77	
07 63 00 00-0008	SF	24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	180.33	
		<i>For Pourable Sealer Filled, Add</i>	341.27	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	169.58	
07 63 00 00-0009		16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pockets (07 63 00 00-0001)		
07 63 00 00-0010	EA	4" x 4" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	105.62	
		<i>For Pourable Sealer Filled, Add</i>	37.92	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	18.97	
07 63 00 00-0011	EA	6" x 6" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	126.74	
		<i>For Pourable Sealer Filled, Add</i>	85.37	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	42.80	
07 63 00 00-0012	EA	8" x 8" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	154.32	
		<i>For Pourable Sealer Filled, Add</i>	151.67	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	75.66	
07 63 00 00-0013	EA	8" x 10" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	170.96	
		<i>For Pourable Sealer Filled, Add</i>	189.59	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	95.11	
07 63 00 00-0014	EA	8" x 12" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	184.04	
		<i>For Pourable Sealer Filled, Add</i>	227.51	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	113.77	
07 63 00 00-0015	SF	16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	213.96	
		<i>For Pourable Sealer Filled, Add</i>	341.27	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	169.58	
07 63 00 00-0016		24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pockets (07 63 00 00-0001)		
07 63 00 00-0017	EA	4" x 4" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	111.66	
		<i>For Pourable Sealer Filled, Add</i>	37.92	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	18.97	
07 63 00 00-0018	EA	6" x 6" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	133.17	
		<i>For Pourable Sealer Filled, Add</i>	85.37	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	42.80	
07 63 00 00-0019	EA	8" x 8" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	154.01	
		<i>For Pourable Sealer Filled, Add</i>	151.67	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	75.66	
07 63 00 00-0020	EA	8" x 10" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	166.41	
		<i>For Pourable Sealer Filled, Add</i>	189.59	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	95.11	
07 63 00 00-0021	EA	8" x 12" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	178.00	
		<i>For Pourable Sealer Filled, Add</i>	227.51	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	113.77	
07 63 00 00-0022	SF	24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	204.15	
		<i>For Pourable Sealer Filled, Add</i>	341.27	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	169.58	
07 63 00 00-0023		Clean, Repair And Refill Existing Pitch Pockets With Non-Shrink Grout (07 63 00 00-0001)		
		Note: Includes removing existing filler and refilling with non-shrink grout.		
07 63 00 00-0024	EA	Clean, Repair And Refill Existing 4" x 4" Pitch Pocket With Non-Shrink Grout.....	77.41	
		<i>For Pourable Sealer Filled, Add</i>	37.92	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	18.97	
07 63 00 00-0025	EA	Clean, Repair And Refill Existing 6" x 6" Pitch Pocket With Non-Shrink Grout.....	88.70	
		<i>For Pourable Sealer Filled, Add</i>	85.37	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	42.80	
07 63 00 00-0026	EA	Clean, Repair And Refill Existing 8" x 8" Pitch Pocket With Non-Shrink Grout.....	103.69	
		<i>For Pourable Sealer Filled, Add</i>	151.67	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	75.66	
07 63 00 00-0027	EA	Clean, Repair And Refill Existing 8" x 10" Pitch Pocket With Non-Shrink Grout.....	113.23	
		<i>For Pourable Sealer Filled, Add</i>	189.59	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	95.11	
07 63 00 00-0028	EA	Clean, Repair And Refill Existing 8" x 12" Pitch Pocket With Non-Shrink Grout.....	122.77	
		<i>For Pourable Sealer Filled, Add</i>	227.51	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	113.77	
07 63 00 00-0029	SF	Clean, Repair And Refill Existing Pitch Pocket With Non-Shrink Grout.....	146.71	
		<i>For Pourable Sealer Filled, Add</i>	341.27	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	169.58	
07 63 00 00-0030		Lead Pipe Flashing For Roofs (07 63)		
		Note: Includes 6" skirt base.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 63 00 00-0031	EA		1-1/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3/4" Pipe	100.22	30.53
07 63 00 00-0032	EA		1-1/2" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 1" Pipe	100.22	30.53
07 63 00 00-0033	EA		2-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 2" Pipe	122.17	30.53
07 63 00 00-0034	EA		3-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3" Pipe	134.72	30.53
07 63 00 00-0035	EA		4-1/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3-1/2" Pipe	140.99	30.53
07 63 00 00-0036	EA		4-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 4" Pipe	144.13	30.53
07 63 00 00-0037	EA		6-7/8" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 6" Pipe	175.50	30.53
07 63 00 00-0038	EA		8-7/8" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 8" Pipe	189.61	30.53

07 63 00 00-0039 Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing (07 63)

07 63 00 00-0040	EA		2" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	79.04	19.73
07 63 00 00-0041	EA		3" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	80.15	19.73
07 63 00 00-0042	EA		4" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	84.17	19.73
07 63 00 00-0043	EA		6" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	87.63	19.73

07 65 Flexible Flashing (07 60)

07 65 16 Modified Bituminous Sheet Flashing (07 65)

07 65 16 00-0001 Liquid Flashing System For Modified And BUR Systems (07 65 16)
See CSI section 07 51 13 00-0036 for ceramic coated roofing granules.

07 65 16 00-0002	SF		60 Mil, Urethane Elastomer Liquid Applied Flashing	14.38	2.22
Note: Includes applying a 30 mil base coat, rolling in a stichbonded polyester reinforcing scrim and applying a 30 mil second coat.					

07 65 19 Plastic Sheet Flashing (07 65)

07 65 19 00-0001 Plastic Flashing And Trim (07 65 19)

07 65 19 00-0002 Neoprene Flashing (07 65 19 00-0001)

07 65 19 00-0003 60 Mil Neoprene Flashing (07 65 19 00-0002)

07 65 19 00-0004	LF		6" Wide Strip, 60 Mil, Neoprene Flashing	9.80	3.16
07 65 19 00-0005	LF		12" Wide Strip, 60 Mil, Neoprene Flashing	12.97	3.39
07 65 19 00-0006	LF		18" Wide Strip, 60 Mil, Neoprene Flashing	16.47	3.74
07 65 19 00-0007	LF		24" Wide Strip, 60 Mil, Neoprene Flashing	20.19	4.22

07 65 33 Flexible Roof Boot (07 65)

07 65 33 00-0001 Neoprene Roof Boot (07 65 33)

07 65 33 00-0002	EA		2" Diameter Pipe, Neoprene Roof Boot	53.12	9.71
07 65 33 00-0003	EA		3" Diameter Pipe, Neoprene Roof Boot	63.24	10.88
07 65 33 00-0004	EA		4" Diameter Pipe, Neoprene Roof Boot	70.88	11.70

07 70 Roof and Wall Specialties and Accessories (07)

07 71 Roof Specialties (07 70)

07 71 13 Manufactured Copings (07 71)

07 71 13 00-0001 Galvanized Steel Copings (07 71 13)

07 71 13 00-0002 KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats (07 71 13 00-0001)

Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.					
07 71 13 00-0003	LF		10" To 14" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	33.25	2.53
07 71 13 00-0004	LF		>14" To 16" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	35.09	2.74
07 71 13 00-0005	LF		>16" To 22" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	39.97	2.88
07 71 13 00-0006	LF		>22" To 30" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	46.40	3.16
07 71 13 00-0007	LF		>30" To 42" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	56.00	3.30

07 71 13 00-0008 Aluminum Copings (07 71 13)

07 71 13 00-0009 Mill Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0008)

Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.					
07 71 13 00-0010			0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0009)		
07 71 13 00-0011	LF		10" To 14" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	26.48	2.53
07 71 13 00-0012	LF		>14" To 16" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	28.27	2.74
07 71 13 00-0013	LF		>16" To 22" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	32.90	2.88
07 71 13 00-0014	LF		>22" To 30" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	39.23	3.16
07 71 13 00-0015	LF		>30" To 42" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	48.65	3.30

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0016			0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats <i>(07 71 13 00-0009)</i>		
07 71 13 00-0017	LF		10" To 14" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	28.70	2.53
07 71 13 00-0018	LF		>14" To 16" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	30.64	2.74
07 71 13 00-0019	LF		>16" To 22" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	35.71	2.88
07 71 13 00-0020	LF		>22" To 30" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	42.63	3.16
07 71 13 00-0021	LF		>30" To 42" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	52.97	3.30
07 71 13 00-0022			0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats <i>(07 71 13 00-0009)</i>		
07 71 13 00-0023	LF		10" To 14" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	30.53	2.53
07 71 13 00-0024	LF		>14" To 16" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	32.76	2.74
07 71 13 00-0025	LF		>16" To 22" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	39.20	2.88
07 71 13 00-0026	LF		>22" To 30" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	48.89	3.16
07 71 13 00-0027	LF		>30" To 42" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	63.10	3.30
07 71 13 00-0028			KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats <i>(07 71 13 00-0008)</i>		
Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.					
07 71 13 00-0029			0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats <i>(07 71 13 00-0028)</i>		
07 71 13 00-0030	LF		10" To 14" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	36.49	2.53
07 71 13 00-0031	LF		>14" To 16" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	38.94	2.74
07 71 13 00-0032	LF		>16" To 22" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	45.55	2.88
07 71 13 00-0033	LF		>22" To 30" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	54.52	3.16
07 71 13 00-0034	LF		>30" To 42" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	68.07	3.30
07 71 13 00-0035			0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats <i>(07 71 13 00-0028)</i>		
07 71 13 00-0036	LF		10" To 14" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	39.72	2.53
07 71 13 00-0037	LF		>14" To 16" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	42.37	2.74
07 71 13 00-0038	LF		>16" To 22" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	49.62	2.88
07 71 13 00-0039	LF		>22" To 30" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	59.44	3.16
07 71 13 00-0040	LF		>30" To 42" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	74.33	3.30
07 71 13 00-0041			0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats <i>(07 71 13 00-0028)</i>		
07 71 13 00-0042	LF		10" To 14" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	42.37	2.53
07 71 13 00-0043	LF		>14" To 16" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	45.44	2.74
07 71 13 00-0044	LF		>16" To 22" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	54.68	2.88
07 71 13 00-0045	LF		>22" To 30" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	68.52	3.16
07 71 13 00-0046	LF		>30" To 42" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	89.02	3.30
07 71 13 00-0047			Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats <i>(07 71 13 00-0008)</i>		
Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.					
07 71 13 00-0048			0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats <i>(07 71 13 00-0047)</i>		
07 71 13 00-0049	LF		10" To 14" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	38.43	2.53
07 71 13 00-0050	LF		>14" To 16" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	41.00	2.74
07 71 13 00-0051	LF		>16" To 22" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	47.99	2.88
07 71 13 00-0052	LF		>22" To 30" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	57.47	3.16
07 71 13 00-0053	LF		>30" To 42" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	71.83	3.30

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 71 13 00-0054			0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0047)		
07 71 13 00-0055	LF		10" To 14" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	41.85	2.53
07 71 13 00-0056	LF		>14" To 16" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	44.64	2.74
07 71 13 00-0057	LF		>16" To 22" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	52.31	2.88
07 71 13 00-0058	LF		>22" To 30" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	62.69	3.16
07 71 13 00-0059	LF		>30" To 42" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	78.46	3.30

07 71 13 00-0060			0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0047)		
07 71 13 00-0061	LF		10" To 14" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	44.66	2.53
07 71 13 00-0062	LF		>14" To 16" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	47.89	2.74
07 71 13 00-0063	LF		>16" To 22" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	57.68	2.88
07 71 13 00-0064	LF		>22" To 30" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	72.32	3.16
07 71 13 00-0065	LF		>30" To 42" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	94.03	3.30

07 71 13 00-0066			Removal And Reinstallation Of Metal Coping (07 71 13)		
			Note: Includes storage, cleaning and supply materials.		
07 71 13 00-0067	LF		Removal And Reinstallation Of Metal Coping	8.28	

07 71 19 Manufactured Gravel Stops and Fasciae (07 71)

07 71 19 00-0001			Gravel Stop (07 71 19)		
07 71 19 00-0002			Aluminum Gravel Stop (07 71 19 00-0001)		
07 71 19 00-0003			Aluminum Gravel Stop (07 71 19 00-0002)		
07 71 19 00-0004			KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0003)		
07 71 19 00-0005			0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0004)		
07 71 19 00-0006	LF		4" To 6" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	40.88	1.99
07 71 19 00-0007	LF		>6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	42.22	2.34
07 71 19 00-0008	LF		>10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	43.61	2.57

07 71 19 00-0009			0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0004)		
07 71 19 00-0010	LF		4" To 6" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	43.46	1.99
07 71 19 00-0011	LF		>6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	44.91	2.34
07 71 19 00-0012	LF		>10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	46.45	2.57

07 71 19 00-0013			0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0004)		
07 71 19 00-0014	LF		4" To 6" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	46.82	1.99
07 71 19 00-0015	LF		>6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	48.13	2.34
07 71 19 00-0016	LF		>10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	50.03	2.57

07 71 19 00-0017			0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0004)		
07 71 19 00-0018	LF		4" To 6" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	49.10	1.99
07 71 19 00-0019	LF		>6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	50.50	2.34
07 71 19 00-0020	LF		>10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	52.53	2.57

07 71 19 00-0021 Mill Finish, Aluminum Gravel Stop (07 71 19 00-0003)

07 71 19 00-0022			0.032" Thick, Mill Finish, Aluminum Gravel Stop (07 71 19 00-0021)		
07 71 19 00-0023	LF		4" To 6" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop	26.59	1.99
07 71 19 00-0024	LF		>6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop	28.65	2.34
07 71 19 00-0025	LF		>10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop	30.72	2.57

07 71 19 00-0026			0.040" Thick, Mill Finish, Aluminum Gravel Stop (07 71 19 00-0021)		
07 71 19 00-0027	LF		4" To 6" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop	28.73	1.99
07 71 19 00-0028	LF		>6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop	30.51	2.34
07 71 19 00-0029	LF		>10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop	32.15	2.57

07 71 19 00-0030			0.050" Thick, Mill Finish, Aluminum Gravel Stop (07 71 19 00-0021)		
07 71 19 00-0031	LF		4" To 6" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	30.88	1.99
07 71 19 00-0032	LF		>6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	32.65	2.34

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 71 Roof Specialties

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0033	LF		>10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	34.47	2.57
07 71 19 00-0034			0.063" Thick, Mill Finish, Aluminum Gravel Stop (07 71 19 00-0021)		
07 71 19 00-0035	LF		4" To 6" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	33.20	1.99
07 71 19 00-0036	LF		>6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	34.80	2.34
07 71 19 00-0037	LF		>10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	36.20	2.57
07 71 19 00-0038			Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0003)		
07 71 19 00-0039			0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0038)		
07 71 19 00-0040	LF		4" To 6" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	48.82	1.99
07 71 19 00-0041	LF		>6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	50.50	2.34
07 71 19 00-0042	LF		>10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	52.01	2.57
07 71 19 00-0043			0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0038)		
07 71 19 00-0044	LF		4" To 6" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	51.91	1.99
07 71 19 00-0045	LF		>6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	53.73	2.34
07 71 19 00-0046	LF		>10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	55.39	2.57
07 71 19 00-0047			0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0038)		
07 71 19 00-0048	LF		4" To 6" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	55.94	1.99
07 71 19 00-0049	LF		>6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	57.59	2.34
07 71 19 00-0050	LF		>10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	58.96	2.57
07 71 19 00-0051			0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0038)		
07 71 19 00-0052	LF		4" To 6" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	58.68	1.99
07 71 19 00-0053	LF		>6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	60.43	2.34
07 71 19 00-0054	LF		>10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	61.91	2.57
07 71 19 00-0055			Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0002)		
			Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0056			KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0055)		
07 71 19 00-0057			0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0056)		
07 71 19 00-0058	LF		4" To 6" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	46.12	2.11
07 71 19 00-0059	LF		>6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	49.00	2.52
07 71 19 00-0060	LF		>10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	52.29	2.87
07 71 19 00-0061			0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0056)		
07 71 19 00-0062	LF		4" To 6" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	48.70	2.11
07 71 19 00-0063	LF		>6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	51.69	2.52
07 71 19 00-0064	LF		>10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	55.13	2.87
07 71 19 00-0065			0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0056)		
07 71 19 00-0066	LF		4" To 6" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	52.06	2.11
07 71 19 00-0067	LF		>6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	54.91	2.52
07 71 19 00-0068	LF		>10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	58.70	2.87
07 71 19 00-0069			0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0056)		
07 71 19 00-0070	LF		4" To 6" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	54.34	2.11
07 71 19 00-0071	LF		>6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	57.27	2.52
07 71 19 00-0072	LF		>10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	61.20	2.87
07 71 19 00-0073			Mill Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0055)		
07 71 19 00-0074			0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0073)		
07 71 19 00-0075	LF		4" To 6" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	33.80	2.11
07 71 19 00-0076	LF		>6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	36.16	2.52
07 71 19 00-0077	LF		>10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	38.86	2.87

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 71 19 00-0078			0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0073)</small>		
07 71 19 00-0079	LF		4" To 6" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	35.58	2.11
07 71 19 00-0080	LF		>6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	38.01	2.52
07 71 19 00-0081	LF		>10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	40.83	2.87
07 71 19 00-0082			0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0073)</small>		
07 71 19 00-0083	LF		4" To 6" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	37.90	2.11
07 71 19 00-0084	LF		>6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	40.23	2.52
07 71 19 00-0085	LF		>10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	43.15	2.87
07 71 19 00-0086			0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0073)</small>		
07 71 19 00-0087	LF		4" To 6" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	39.47	2.11
07 71 19 00-0088	LF		>6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	41.86	2.52
07 71 19 00-0089	LF		>10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	44.87	2.87
07 71 19 00-0090			Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0055)</small>		
07 71 19 00-0091			0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0090)</small>		
07 71 19 00-0092	LF		4" To 6" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	54.05	2.11
07 71 19 00-0093	LF		>6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	57.28	2.52
07 71 19 00-0094	LF		>10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	60.68	2.87
07 71 19 00-0095			0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0090)</small>		
07 71 19 00-0096	LF		4" To 6" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	57.15	2.11
07 71 19 00-0097	LF		>6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	60.51	2.52
07 71 19 00-0098	LF		>10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	64.06	2.87
07 71 19 00-0099			0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0090)</small>		
07 71 19 00-0100	LF		4" To 6" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	61.18	2.11
07 71 19 00-0101	LF		>6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	64.37	2.52
07 71 19 00-0102	LF		>10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	67.64	2.87
07 71 19 00-0103			0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0090)</small>		
07 71 19 00-0104	LF		4" To 6" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	63.92	2.11
07 71 19 00-0105	LF		>6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	67.21	2.52
07 71 19 00-0106	LF		>10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	70.59	2.87
07 71 19 00-0107			Stainless Steel Gravel Stop <small>(07 71 19 00-0001)</small>		
07 71 19 00-0108			Stainless Steel Gravel Stop <small>(07 71 19 00-0107)</small>		
07 71 19 00-0109			26 Gauge, Stainless Steel Gravel Stop <small>(07 71 19 00-0108)</small>		
07 71 19 00-0110	LF		4" To 6" Face Height, 26 Gauge, Stainless Steel Gravel Stop.....	39.17	1.99
07 71 19 00-0111	LF		>6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop.....	51.51	2.34
07 71 19 00-0112	LF		>10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop.....	76.50	2.57
07 71 19 00-0113			24 Gauge, Stainless Steel Gravel Stop <small>(07 71 19 00-0108)</small>		
07 71 19 00-0114	LF		4" To 6" Face Height, 24 Gauge, Stainless Steel Gravel Stop.....	48.84	1.99
07 71 19 00-0115	LF		>6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop.....	64.39	2.34
07 71 19 00-0116	LF		>10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop.....	95.83	2.57
07 71 19 00-0117			22 Gauge, Stainless Steel Gravel Stop <small>(07 71 19 00-0108)</small>		
07 71 19 00-0118	LF		4" To 6" Face Height, 22 Gauge, Stainless Steel Gravel Stop.....	59.11	1.99
07 71 19 00-0119	LF		>6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop.....	78.09	2.34
07 71 19 00-0120	LF		>10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop.....	116.37	2.57

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 71 Roof Specialties

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 71 19 00-0121		Stainless Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0107) Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0122		26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0121)		
07 71 19 00-0123	LF	4" To 6" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	46.31	2.11
07 71 19 00-0124	LF	>6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	60.77	2.52
07 71 19 00-0125	LF	>10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	88.38	2.87
07 71 19 00-0126		24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0121)		
07 71 19 00-0127	LF	4" To 6" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	55.97	2.11
07 71 19 00-0128	LF	>6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	73.65	2.52
07 71 19 00-0129	LF	>10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	107.71	2.87
07 71 19 00-0130		22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0121)		
07 71 19 00-0131	LF	4" To 6" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	66.24	2.11
07 71 19 00-0132	LF	>6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	87.34	2.52
07 71 19 00-0133	LF	>10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	128.25	2.87
07 71 19 00-0134		Galvanized Steel Gravel Stop (07 71 19 00-0001)		
07 71 19 00-0135		Galvanized Steel Gravel Stop (07 71 19 00-0134)		
07 71 19 00-0136		KYNAR 500® Finish, Galvanized Steel Gravel Stop (07 71 19 00-0135)		
07 71 19 00-0137		24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop (07 71 19 00-0136)		
07 71 19 00-0138	LF	4" To 6" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop	37.44	1.99
07 71 19 00-0139	LF	>6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop	38.73	2.34
07 71 19 00-0140	LF	>10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop	40.28	2.57
07 71 19 00-0141		Galvanized Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0134) Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0142		KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0141)		
07 71 19 00-0143		24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0142)		
07 71 19 00-0144	LF	4" To 6" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat	42.83	2.11
07 71 19 00-0145	LF	>6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat	45.69	2.52
07 71 19 00-0146	LF	>10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat	49.20	2.87
07 71 19 00-0147		Copper Gravel Stop (07 71 19 00-0001)		
07 71 19 00-0148		Copper Gravel Stop (07 71 19 00-0147)		
07 71 19 00-0149		20 Ounce, Copper Gravel Stop (07 71 19 00-0148)		
07 71 19 00-0150	LF	4" To 6" Face Height, 20 Ounce, Copper Gravel Stop	62.85	1.99
07 71 19 00-0151	LF	>6" To 10" Face Height, 20 Ounce, Copper Gravel Stop	71.97	2.34
07 71 19 00-0152	LF	>10" To 18" Face Height, 20 Ounce, Copper Gravel Stop	83.14	2.57
07 71 19 00-0153		16 Ounce, Copper Gravel Stop (07 71 19 00-0148)		
07 71 19 00-0154	LF	4" To 6" Face Height, 16 Ounce, Copper Gravel Stop	76.38	1.99
07 71 19 00-0155	LF	>6" To 10" Face Height, 16 Ounce, Copper Gravel Stop	88.49	2.34
07 71 19 00-0156	LF	>10" To 18" Face Height, 16 Ounce, Copper Gravel Stop	101.17	2.57
07 71 19 00-0157		Copper Gravel Stop System With Continuous Cleat (07 71 19 00-0147) Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0158		20 Ounce, Copper Gravel Stop System With Continuous Cleat (07 71 19 00-0157)		
07 71 19 00-0159	LF	4" To 6" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat	65.40	2.11
07 71 19 00-0160	LF	>6" To 10" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat	75.22	2.52
07 71 19 00-0161	LF	>10" To 18" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat	87.26	2.87
07 71 19 00-0162		16 Ounce, Copper Gravel Stop System With Continuous Cleat (07 71 19 00-0157)		
07 71 19 00-0163	LF	4" To 6" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat	78.92	2.11
07 71 19 00-0164	LF	>6" To 10" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat	91.75	2.52
07 71 19 00-0165	LF	>10" To 18" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat	105.29	2.87
07 71 19 00-0166		Fascia (07 71 19)		
07 71 19 00-0167		Snap-On Cover Fascia (07 71 19 00-0166) Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0168		Galvanized Steel Snap-On Cover Fascia (07 71 19 00-0167)		
07 71 19 00-0169		KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia (07 71 19 00-0168)		
07 71 19 00-0170		24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia (07 71 19 00-0169)		
07 71 19 00-0171	LF	3" To 5" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat.....	45.83	2.92
07 71 19 00-0172	LF	>5" To 7" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat.....	51.58	3.04
07 71 19 00-0173	LF	>7" To 9" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat.....	55.26	3.16
07 71 19 00-0174		Accessories For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (07 71 19 00-0169)		
07 71 19 00-0175		Fascia Sumps For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (07 71 19 00-0174)		
07 71 19 00-0176	EA	Fascia Sump For 3" To 5" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....	320.62	4.10
07 71 19 00-0177	EA	Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....	342.48	4.10
07 71 19 00-0178	EA	Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....	356.20	4.10
07 71 19 00-0179		Fascia Spillout Scuppers For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (07 71 19 00-0174)		
07 71 19 00-0180	EA	Fascia Spillout Scupper For 3" To 5" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....	261.10	4.10
07 71 19 00-0181	EA	Fascia Spillout Scupper For >5" To 7" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....	272.13	4.10
07 71 19 00-0182	EA	Fascia Spillout Scupper For >7" To 9" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....	278.85	4.10
07 71 19 00-0183		Aluminum Snap-On Cover Fascia (07 71 19 00-0167)		
07 71 19 00-0184		KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0183)		
07 71 19 00-0185		0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0184)		
07 71 19 00-0186	LF	3" To 5" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	24.06	2.92
07 71 19 00-0187	LF	>5" To 7" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	27.16	3.04
07 71 19 00-0188	LF	>7" To 9" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	28.81	3.16
07 71 19 00-0189		0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0184)		
07 71 19 00-0190	LF	3" To 5" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	25.25	2.92
07 71 19 00-0191	LF	>5" To 7" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	28.69	3.04
07 71 19 00-0192	LF	>7" To 9" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	30.53	3.16
07 71 19 00-0193		Accessories For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0184)		
07 71 19 00-0194		Fascia Sumps For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0193)		
07 71 19 00-0195	EA	Fascia Sump For 3" To 5" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems.....	153.07	4.10
07 71 19 00-0196	EA	Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems.....	165.94	4.10
07 71 19 00-0197	EA	Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems.....	171.57	4.10
07 71 19 00-0198		Fascia Spillout Scuppers For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0193)		
07 71 19 00-0199	EA	Fascia Spillout Scupper For 3" To 5" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems.....	121.35	4.10
07 71 19 00-0200	EA	Fascia Spillout Scupper For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems.....	127.76	4.10
07 71 19 00-0201	EA	Fascia Spillout Scupper For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems.....	130.57	4.10
07 71 19 00-0202		Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0183)		
07 71 19 00-0203		0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0202)		

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07 70 Roof and Wall Specialties and Accessories
07 71 Roof Specialties

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07 71 19 00-0204	LF		3" To 5" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	27.70	2.92
07 71 19 00-0205	LF		>5" To 7" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	31.37	3.04
07 71 19 00-0206	LF		>7" To 9" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	33.31	3.16
07 71 19 00-0207			0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0202)		
07 71 19 00-0208	LF		3" To 5" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	29.13	2.92
07 71 19 00-0209	LF		>5" To 7" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	33.21	3.04
07 71 19 00-0210	LF		>7" To 9" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	35.37	3.16
07 71 19 00-0211			Accessories For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0202)		
07 71 19 00-0212			Fascia Sumps For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0211)		
07 71 19 00-0213	EA		Fascia Sump For 3" To 5" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	189.30	4.10
07 71 19 00-0214	EA		Fascia Sump For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	205.38	4.10
07 71 19 00-0215	EA		Fascia Sump For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	212.41	4.10
07 71 19 00-0216			Fascia Spillout Scuppers For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0211)		
07 71 19 00-0217	EA		Fascia Spillout Scupper For 3" To 5" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	149.64	4.10
07 71 19 00-0218	EA		Fascia Spillout Scupper For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	157.66	4.10
07 71 19 00-0219	EA		Fascia Spillout Scupper For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	161.16	4.10
07 71 23			Manufactured Gutters and Downspouts (07 71)		
			Note: Includes all necessary support straps.		
07 71 23 00-0001			Aluminum Gutters And Downspouts (07 71 23)		
07 71 23 00-0002			Aluminum Gutters (07 71 23 00-0001) Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0003			K-Style Aluminum Gutters (07 71 23 00-0002)		
07 71 23 00-0004	LF		5", 0.027" Thick, K-Style Aluminum Gutter.....	10.29	4.41
			For Up To 100', Add	2.12	
			For >100' To 250', Add	0.88	
			For >1,000', Deduct	-0.73	
			For Kynar 500® Finish, Add	1.36	
07 71 23 00-0005	LF		6", 0.027" Thick, K-Style Aluminum Gutter.....	11.48	4.65
			For Up To 100', Add	2.29	
			For >100' To 250', Add	0.96	
			For >1,000', Deduct	-0.76	
			For Kynar 500® Finish, Add	1.74	
07 71 23 00-0006	LF		5", 0.032" Thick, K-Style Aluminum Gutter.....	10.73	4.41
			For Up To 100', Add	2.16	
			For >100' To 250', Add	0.90	
			For >1,000', Deduct	-0.73	
			For Kynar 500® Finish, Add	1.56	
07 71 23 00-0007	LF		6", 0.032" Thick, K-Style Aluminum Gutter.....	12.04	4.65
			For Up To 100', Add	2.35	
			For >100' To 250', Add	0.98	
			For >1,000', Deduct	-0.76	
			For Kynar 500® Finish, Add	1.99	
07 71 23 00-0008	LF		7", 0.032" Thick, K-Style Aluminum Gutter.....	22.49	4.88
			For Up To 100', Add	3.48	
			For >100' To 250', Add	1.54	
			For >1,000', Deduct	-0.82	
			For Kynar 500® Finish, Add	6.42	
07 71 23 00-0009	LF		8", 0.032" Thick, K-Style Aluminum Gutter.....	24.65	5.48
			For Up To 100', Add	3.82	
			For >100' To 250', Add	1.69	
			For >1,000', Deduct	-0.91	
			For Kynar 500® Finish, Add	7.02	
07 71 23 00-0010	LF		8", 0.040" Thick, K-Style Aluminum Gutter.....	27.66	5.48
			For Up To 100', Add	4.12	
			For >100' To 250', Add	1.84	
			For >1,000', Deduct	-0.91	
			For Kynar 500® Finish, Add	8.37	
07 71 23 00-0011			Half Round Aluminum Gutters (07 71 23 00-0002)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0012	LF	5", 0.027" Thick, Half Round Aluminum Gutter	.....	19.01	4.41
		<i>For Up To 100', Add</i>		2.99	
		<i>For >100' To 250', Add</i>		1.31	
		<i>For >1,000', Deduct</i>		-0.73	
		<i>For Kynar 500® Finish, Add</i>		5.28	
07 71 23 00-0013	LF	6", 0.032" Thick, Half Round Aluminum Gutter	.....	22.91	4.65
		<i>For Up To 100', Add</i>		3.43	
		<i>For >100' To 250', Add</i>		1.53	
		<i>For >1,000', Deduct</i>		-0.76	
		<i>For Kynar 500® Finish, Add</i>		6.88	
07 71 23 00-0014		Box Style Aluminum Gutters (07 71 23 00-0002)			
07 71 23 00-0015	LF	6", 0.027" Thick, Box Style Aluminum Gutter	.....	19.95	5.48
		<i>For Up To 100', Add</i>		3.35	
		<i>For >100' To 250', Add</i>		1.45	
		<i>For >1,000', Deduct</i>		-0.91	
		<i>For Kynar 500® Finish, Add</i>		4.91	
07 71 23 00-0016	LF	6", 0.032" Thick, Box Style Aluminum Gutter	.....	20.00	5.48
		<i>For Up To 100', Add</i>		3.36	
		<i>For >100' To 250', Add</i>		1.45	
		<i>For >1,000', Deduct</i>		-0.91	
		<i>For Kynar 500® Finish, Add</i>		4.93	
07 71 23 00-0017	LF	7", 0.032" Thick, Box Style Aluminum Gutter	.....	23.30	5.84
		<i>For Up To 100', Add</i>		3.78	
		<i>For >100' To 250', Add</i>		1.65	
		<i>For >1,000', Deduct</i>		-0.97	
		<i>For Kynar 500® Finish, Add</i>		6.14	
07 71 23 00-0018	LF	8", 0.032" Thick, Box Style Aluminum Gutter	.....	26.32	6.19
		<i>For Up To 100', Add</i>		4.17	
		<i>For >100' To 250', Add</i>		1.83	
		<i>For >1,000', Deduct</i>		-1.03	
		<i>For Kynar 500® Finish, Add</i>		7.23	
07 71 23 00-0019		Aluminum Gutter End Caps (07 71 23 00-0001)			
07 71 23 00-0020		K-Style, Aluminum Gutter End Caps (07 71 23 00-0019)			
07 71 23 00-0021	EA	5", K-Style Aluminum Gutter End Cap	.....	3.44	
		<i>For Kynar 500® Finish, Add</i>		0.47	
07 71 23 00-0022	EA	6", K-Style Aluminum Gutter End Cap	.....	4.29	
		<i>For Kynar 500® Finish, Add</i>		0.86	
07 71 23 00-0023	EA	7", K-Style Aluminum Gutter End Cap	.....	9.49	
		<i>For Kynar 500® Finish, Add</i>		3.20	
07 71 23 00-0024	EA	8", K-Style Aluminum Gutter End Cap	.....	11.08	
		<i>For Kynar 500® Finish, Add</i>		3.91	
07 71 23 00-0025		Half Round, Aluminum Gutter End Caps (07 71 23 00-0019)			
07 71 23 00-0026	EA	5", Half Round Aluminum Gutter End Cap	.....	5.62	
		<i>For Kynar 500® Finish, Add</i>		1.45	
07 71 23 00-0027	EA	6", Half Round Aluminum Gutter End Cap	.....	8.78	
		<i>For Kynar 500® Finish, Add</i>		2.88	
07 71 23 00-0028		Box Style, Aluminum Gutter End Caps (07 71 23 00-0019)			
07 71 23 00-0029	EA	6", Box Style Aluminum Gutter End Cap	.....	10.36	
		<i>For Kynar 500® Finish, Add</i>		3.59	
07 71 23 00-0030	EA	7", Box Style Aluminum Gutter End Cap	.....	11.27	
		<i>For Kynar 500® Finish, Add</i>		4.00	
07 71 23 00-0031	EA	8", Box Style Aluminum Gutter End Cap	.....	13.26	
		<i>For Kynar 500® Finish, Add</i>		4.89	
07 71 23 00-0032		Aluminum Gutter Miters (07 71 23 00-0001)			
		Note: Inside or outside miters.			
07 71 23 00-0033		K-Style, Aluminum Gutter Miters (07 71 23 00-0032)			
07 71 23 00-0034	EA	5", K-Style Aluminum Gutter Miter	.....	20.34	
		<i>For Kynar 500® Finish, Add</i>		3.74	
07 71 23 00-0035	EA	6", K-Style Aluminum Gutter Miter	.....	27.25	
		<i>For Kynar 500® Finish, Add</i>		6.47	
07 71 23 00-0036	EA	7", K-Style Aluminum Gutter Miter	.....	82.92	
		<i>For Kynar 500® Finish, Add</i>		31.15	
07 71 23 00-0037	EA	8", K-Style Aluminum Gutter Miter	.....	90.02	
		<i>For Kynar 500® Finish, Add</i>		33.91	
07 71 23 00-0038		Half Round, Aluminum Gutter Miters (07 71 23 00-0032)			
07 71 23 00-0039	EA	5", Half Round Aluminum Gutter Miter	.....	35.59	
		<i>For Kynar 500® Finish, Add</i>		10.60	
07 71 23 00-0040	EA	6", Half Round Aluminum Gutter Miter	.....	56.26	
		<i>For Kynar 500® Finish, Add</i>		19.53	
07 71 23 00-0041		Box Style, Aluminum Gutter Miters (07 71 23 00-0032)			
07 71 23 00-0042	EA	6", Box Style Aluminum Gutter Miter	67.11	
		<i>For Kynar 500® Finish, Add</i>		24.41	

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07 71 23 00-0043	EA		7", Box Style Aluminum Gutter Miter..... <i>For Kynar 500® Finish, Add</i>	100.23 38.94	
07 71 23 00-0044	EA		8", Box Style Aluminum Gutter Miter..... <i>For Kynar 500® Finish, Add</i>	108.86 42.39	
07 71 23 00-0045			Aluminum Gutter Wire Strainers (07 71 23 00-0001)		
07 71 23 00-0046	EA		3" Diameter, Round Aluminum Wire Strainer..... <i>For Kynar 500® Finish, Add</i> <i>For 0.024" Thick, Add</i> <i>For 0.027" Thick, Add</i> <i>For 0.031" Thick, Add</i>	15.12 4.01 1.25 2.59 3.75	2.98
07 71 23 00-0047	EA		4" Diameter, Round Aluminum Wire Strainer..... <i>For Kynar 500® Finish, Add</i> <i>For 0.024" Thick, Add</i> <i>For 0.027" Thick, Add</i> <i>For 0.031" Thick, Add</i>	22.63 7.39 2.30 4.76 6.90	2.98
07 71 23 00-0048			Aluminum Downspouts (07 71 23 00-0001) Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0049			Round Aluminum Downspouts (07 71 23 00-0048)		
07 71 23 00-0050	LF		3" Diameter, 0.019" Thick, Round Aluminum Downspout..... <i>For Up To 100', Add</i> <i>For >100 To 250', Add</i> <i>For >1,000', Deduct</i> <i>For Kynar 500® Finish, Add</i> <i>For 0.024" Thick, Add</i> <i>For 0.027" Thick, Add</i> <i>For 0.031" Thick, Add</i>	7.24 1.19 0.52 -0.31 1.86 0.58 1.20 1.74	2.86
07 71 23 00-0051	LF		4" Diameter, 0.019" Thick, Round Aluminum Downspout..... <i>For Up To 100', Add</i> <i>For >100 To 250', Add</i> <i>For >1,000', Deduct</i> <i>For Kynar 500® Finish, Add</i> <i>For 0.024" Thick, Add</i> <i>For 0.027" Thick, Add</i> <i>For 0.031" Thick, Add</i>	8.21 1.29 0.57 -0.31 2.30 0.72 1.48 2.15	2.86
07 71 23 00-0052			Rectangular Aluminum Downspouts (07 71 23 00-0048)		
07 71 23 00-0053	LF		2" x 3", 0.019" Thick, Rectangular Aluminum Downspout..... <i>For Up To 100', Add</i> <i>For >100 To 250', Add</i> <i>For >1,000', Deduct</i> <i>For Kynar 500® Finish, Add</i> <i>For 0.024" Thick, Add</i> <i>For 0.027" Thick, Add</i> <i>For 0.031" Thick, Add</i>	5.22 0.99 0.42 -0.31 0.95 0.30 0.61 0.89	2.86
07 71 23 00-0054	LF		3" x 4", 0.019" Thick, Rectangular Aluminum Downspout..... <i>For Up To 100', Add</i> <i>For >100 To 250', Add</i> <i>For >1,000', Deduct</i> <i>For Kynar 500® Finish, Add</i> <i>For 0.024" Thick, Add</i> <i>For 0.027" Thick, Add</i> <i>For 0.031" Thick, Add</i>	6.46 1.11 0.48 -0.31 1.51 0.47 0.97 1.41	2.86
07 71 23 00-0055	LF		4" x 5", 0.019" Thick, Rectangular Aluminum Downspout..... <i>For Up To 100', Add</i> <i>For >100 To 250', Add</i> <i>For >1,000', Deduct</i> <i>For Kynar 500® Finish, Add</i> <i>For 0.024" Thick, Add</i> <i>For 0.027" Thick, Add</i> <i>For 0.031" Thick, Add</i>	11.66 1.63 0.74 -0.31 3.85 1.20 2.48 3.60	2.86
07 71 23 00-0056			Aluminum Devices (07 71 23 00-0001)		
07 71 23 00-0057	EA		Thru-Wall Aluminum Scupper Outlet..... <i>For Kynar 500® Finish, Add</i>	254.40 74.99	26.32
07 71 23 00-0058	EA		Aluminum Leader/Conductor Head..... <i>For Kynar 500® Finish, Add</i>	238.80 81.14	29.26
07 71 23 00-0059			Copper Gutters And Downspouts (07 71 23)		
07 71 23 00-0060			Copper Gutters (07 71 23 00-0059) Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0061			K-Style Copper Gutters (07 71 23 00-0060)		
07 71 23 00-0062	LF		4", 16 Ounce, K-Style Copper Gutter..... <i>For Up To 100', Add</i> <i>For >100' To 250', Add</i> <i>For >1,000', Deduct</i>	20.10 3.05 1.35 -0.69	4.17
07 71 23 00-0063	LF		5", 16 Ounce, K-Style Copper Gutter..... <i>For Up To 100', Add</i> <i>For >100' To 250', Add</i> <i>For >1,000', Deduct</i>	28.70 3.96 1.80 -0.73	4.41

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0064	LF	6"	16 Ounce, K-Style Copper Gutter..... <i>For Up To 100', Add</i> <i>For >100' To 250', Add</i> <i>For >1,000', Deduct</i>	34.32 4.58 2.10 -0.76	4.65
07 71 23 00-0065	LF	5"	20 Ounce, K-Style Copper Gutter..... <i>For Up To 100', Add</i> <i>For >100' To 250', Add</i> <i>For >1,000', Deduct</i>	36.40 4.73 2.18 -0.73	4.41
07 71 23 00-0066	LF	6"	20 Ounce, K-Style Copper Gutter..... <i>For Up To 100', Add</i> <i>For >100' To 250', Add</i> <i>For >1,000', Deduct</i>	45.23 5.67 2.64 -0.76	4.65
07 71 23 00-0067	LF	7"	20 Ounce, K-Style Copper Gutter..... <i>For Up To 100', Add</i> <i>For >100' To 250', Add</i> <i>For >1,000', Deduct</i>	52.78 6.51 3.05 -0.82	4.88
07 71 23 00-0068	LF	8"	20 Ounce, K-Style Copper Gutter..... <i>For Up To 100', Add</i> <i>For >100' To 250', Add</i> <i>For >1,000', Deduct</i>	58.69 7.23 3.39 -0.91	5.48
07 71 23 00-0069 Half Round Copper Gutters (07 71 23 00-0060)					
07 71 23 00-0070	LF	5"	16 Ounce, Half Round Copper Gutter <i>For Up To 100', Add</i> <i>For >100' To 250', Add</i> <i>For >1,000', Deduct</i>	24.69 3.56 1.60 -0.73	4.41
07 71 23 00-0071	LF	6"	16 Ounce, Half Round Copper Gutter <i>For Up To 100', Add</i> <i>For >100' To 250', Add</i> <i>For >1,000', Deduct</i>	31.32 4.28 1.95 -0.76	4.65
07 71 23 00-0072	LF	7"	16 Ounce, Half Round Copper Gutter <i>For Up To 100', Add</i> <i>For >100' To 250', Add</i> <i>For >1,000', Deduct</i>	52.85 6.52 3.05 -0.82	4.88
07 71 23 00-0073	LF	5"	20 Ounce, Half Round Copper Gutter <i>For Up To 100', Add</i> <i>For >100' To 250', Add</i> <i>For >1,000', Deduct</i>	28.89 3.98 1.81 -0.73	4.41
07 71 23 00-0074	LF	6"	20 Ounce, Half Round Copper Gutter <i>For Up To 100', Add</i> <i>For >100' To 250', Add</i> <i>For >1,000', Deduct</i>	35.79 4.72 2.17 -0.76	4.65
07 71 23 00-0075	LF	7"	20 Ounce, Half Round Copper Gutter <i>For Up To 100', Add</i> <i>For >100' To 250', Add</i> <i>For >1,000', Deduct</i>	55.58 6.79 3.19 -0.82	4.88
07 71 23 00-0076	LF	8"	20 Ounce, Half Round Copper Gutter <i>For Up To 100', Add</i> <i>For >100' To 250', Add</i> <i>For >1,000', Deduct</i>	63.16 7.67 3.61 -0.91	5.48
07 71 23 00-0077 Box Style Copper Gutters (07 71 23 00-0060)					
07 71 23 00-0078	LF	5"	16 Ounce, Box Style Copper Gutter <i>For Up To 100', Add</i> <i>For >100' To 250', Add</i> <i>For >1,000', Deduct</i>	28.83 4.13 1.86 -0.83	5.00
07 71 23 00-0079	LF	6"	16 Ounce, Box Style Copper Gutter <i>For Up To 100', Add</i> <i>For >100' To 250', Add</i> <i>For >1,000', Deduct</i>	31.02 4.46 2.00 -0.91	5.48
07 71 23 00-0080	LF	7"	16 Ounce, Box Style Copper Gutter <i>For Up To 100', Add</i> <i>For >100' To 250', Add</i> <i>For >1,000', Deduct</i>	37.74 5.22 2.37 -0.97	5.84
07 71 23 00-0081	LF	8"	16 Ounce, Box Style Copper Gutter <i>For Up To 100', Add</i> <i>For >100' To 250', Add</i> <i>For >1,000', Deduct</i>	38.51 5.39 2.44 -1.03	6.19
07 71 23 00-0082	LF	5"	20 Ounce, Box Style Copper Gutter <i>For Up To 100', Add</i> <i>For >100' To 250', Add</i> <i>For >1,000', Deduct</i>	32.94 4.55 2.06 -0.83	5.00
07 71 23 00-0083	LF	6"	20 Ounce, Box Style Copper Gutter <i>For Up To 100', Add</i> <i>For >100' To 250', Add</i> <i>For >1,000', Deduct</i>	35.13 4.87 2.21 -0.91	5.48
07 71 23 00-0084	LF	7"	20 Ounce, Box Style Copper Gutter <i>For Up To 100', Add</i> <i>For >100' To 250', Add</i> <i>For >1,000', Deduct</i>	41.85 5.63 2.58 -0.97	5.84
07 71 23 00-0085	LF	8"	20 Ounce, Box Style Copper Gutter <i>For Up To 100', Add</i> <i>For >100' To 250', Add</i> <i>For >1,000', Deduct</i>	42.62 5.80 2.64 -1.03	6.19
07 71 23 00-0086 Copper Gutter End Caps (07 71 23 00-0059)					

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 71 Roof Specialties

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 71 23 00-0087 K-Style, Copper Gutter End Caps (07 71 23 00-0086)				
07 71 23 00-0088	EA	4", K-Style Copper Gutter End Cap	6.94	
07 71 23 00-0089	EA	5", K-Style Copper Gutter End Cap	7.44	
07 71 23 00-0090	EA	6", K-Style Copper Gutter End Cap	7.94	
07 71 23 00-0091	EA	7", K-Style Copper Gutter End Cap	21.40	
07 71 23 00-0092	EA	8", K-Style Copper Gutter End Cap	26.12	
07 71 23 00-0093 Half Round, Copper Gutter End Caps (07 71 23 00-0086)				
07 71 23 00-0094	EA	4", Half Round Copper Gutter End Cap	8.43	
07 71 23 00-0095	EA	5", Half Round Copper Gutter End Cap	9.49	
07 71 23 00-0096	EA	6", Half Round Copper Gutter End Cap	14.42	
07 71 23 00-0097	EA	7", Half Round Copper Gutter End Cap	43.73	
07 71 23 00-0098	EA	8", Half Round Copper Gutter End Cap	51.68	
07 71 23 00-0099 Box Style, Copper Gutter End Caps (07 71 23 00-0086)				
07 71 23 00-0100	EA	5", Box Style Copper Gutter End Cap	16.36	
07 71 23 00-0101	EA	6", Box Style Copper Gutter End Cap	17.18	
07 71 23 00-0102	EA	7", Box Style Copper Gutter End Cap	18.00	
07 71 23 00-0103	EA	8", Box Style Copper Gutter End Cap	19.64	
07 71 23 00-0104 Copper Gutter Miters (07 71 23 00-0059)				
Note: Inside or outside miters.				
07 71 23 00-0105 K-Style, Copper Gutter Miters (07 71 23 00-0104)				
07 71 23 00-0106	EA	4", K-Style Copper Gutter Miter	44.91	
07 71 23 00-0107	EA	5", K-Style Copper Gutter Miter	50.92	
07 71 23 00-0108	EA	6", K-Style Copper Gutter Miter	73.64	
07 71 23 00-0109	EA	7", K-Style Copper Gutter Miter	104.50	
07 71 23 00-0110	EA	8", K-Style Copper Gutter Miter	122.71	
07 71 23 00-0111 Half Round, Copper Gutter Miters (07 71 23 00-0104)				
07 71 23 00-0112	EA	4", Half Round Copper Gutter Miter	70.60	
07 71 23 00-0113	EA	5", Half Round Copper Gutter Miter	65.16	
07 71 23 00-0114	EA	6", Half Round Copper Gutter Miter	94.23	
07 71 23 00-0115	EA	7", Half Round Copper Gutter Miter	112.50	
07 71 23 00-0116	EA	8", Half Round Copper Gutter Miter	133.07	
07 71 23 00-0117 Box Style, Copper Gutter Miters (07 71 23 00-0104)				
07 71 23 00-0118	EA	5", 16 Ounce Box Style Copper Gutter Miter	77.67	
07 71 23 00-0119	EA	6", 16 Ounce Box Style Copper Gutter Miter	80.15	
07 71 23 00-0120	EA	7", 16 Ounce Box Style Copper Gutter Miter	87.55	
07 71 23 00-0121	EA	8", 16 Ounce Box Style Copper Gutter Miter	89.27	
07 71 23 00-0122	EA	5", 20 Ounce Box Style Copper Gutter Miter	85.88	
07 71 23 00-0123	EA	6", 20 Ounce Box Style Copper Gutter Miter	88.36	
07 71 23 00-0124	EA	7", 20 Ounce Box Style Copper Gutter Miter	95.77	
07 71 23 00-0125	EA	8", 20 Ounce Box Style Copper Gutter Miter	104.94	
07 71 23 00-0126 Copper Gutter Wire Strainers (07 71 23 00-0059)				
07 71 23 00-0127	EA	2" Diameter, Round Copper Wire Strainer	19.69	2.98
07 71 23 00-0128	EA	3" Diameter, Round Copper Wire Strainer	24.13	2.98
07 71 23 00-0129	EA	4" Diameter, Round Copper Wire Strainer	38.60	2.98
07 71 23 00-0130	EA	5" Diameter, Round Copper Wire Strainer	51.20	2.98
07 71 23 00-0131	EA	6" Diameter, Round Copper Wire Strainer	61.76	2.98
07 71 23 00-0132 Copper Downspouts (07 71 23 00-0059)				
Note: Includes elbows, hangers and fasteners.				
07 71 23 00-0133 Round Copper Downspouts (07 71 23 00-0132)				
07 71 23 00-0134	LF	2" Diameter, 16 Ounce, Round Copper Downspout	29.15	2.86
		For Up To 100', Add	3.38	
		For >100 To 250', Add	1.61	
		For >1,000', Deduct	-0.31	
07 71 23 00-0135	LF	3" Diameter, 16 Ounce, Round Copper Downspout	20.26	2.86
		For Up To 100', Add	2.49	
		For >100 To 250', Add	1.17	
		For >1,000', Deduct	-0.31	
07 71 23 00-0136	LF	4" Diameter, 16 Ounce, Round Copper Downspout	25.57	2.86
		For Up To 100', Add	3.02	
		For >100 To 250', Add	1.43	
		For >1,000', Deduct	-0.31	
07 71 23 00-0137	LF	5" Diameter, 16 Ounce, Round Copper Downspout	40.96	2.86
		For Up To 100', Add	4.56	
		For >100 To 250', Add	2.20	
		For >1,000', Deduct	-0.31	
07 71 23 00-0138	LF	6" Diameter, 16 Ounce, Round Copper Downspout	52.70	2.86
		For Up To 100', Add	5.74	
		For >100 To 250', Add	2.79	
		For >1,000', Deduct	-0.31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0139 LF 3" Diameter, 20 Ounce, Round Copper Downspout	27.46	2.86
For Up To 100', Add	3.21	
For >100 To 250', Add	1.53	
For >1,000', Deduct	-0.31	
07 71 23 00-0140 LF 4" Diameter, 20 Ounce, Round Copper Downspout	35.67	2.86
For Up To 100', Add	4.03	
For >100 To 250', Add	1.94	
For >1,000', Deduct	-0.31	
07 71 23 00-0141 LF 5" Diameter, 20 Ounce, Round Copper Downspout	54.30	2.86
For Up To 100', Add	5.90	
For >100 To 250', Add	2.87	
For >1,000', Deduct	-0.31	
07 71 23 00-0142 Square Copper Downspouts (07 71 23 00-0132)		
07 71 23 00-0143 LF 3" Diameter, 16 Ounce, Square Copper Downspout	13.99	2.86
For Up To 100', Add	1.86	
For >100 To 250', Add	0.85	
For >1,000', Deduct	-0.31	
07 71 23 00-0144 LF 4" Diameter, 16 Ounce, Square Copper Downspout	17.52	2.86
For Up To 100', Add	2.22	
For >100 To 250', Add	1.03	
For >1,000', Deduct	-0.31	
07 71 23 00-0145 LF 5" Diameter, 16 Ounce, Square Copper Downspout	25.14	2.86
For Up To 100', Add	2.98	
For >100 To 250', Add	1.41	
For >1,000', Deduct	-0.31	
07 71 23 00-0146 LF 3" Diameter, 20 Ounce, Square Copper Downspout	16.17	2.86
For Up To 100', Add	2.08	
For >100 To 250', Add	0.96	
For >1,000', Deduct	-0.31	
07 71 23 00-0147 LF 4" Diameter, 20 Ounce, Square Copper Downspout	20.57	2.86
For Up To 100', Add	2.52	
For >100 To 250', Add	1.18	
For >1,000', Deduct	-0.31	
07 71 23 00-0148 LF 5" Diameter, 20 Ounce, Square Copper Downspout	29.62	2.86
For Up To 100', Add	3.43	
For >100 To 250', Add	1.64	
For >1,000', Deduct	-0.31	
07 71 23 00-0149 Rectangular Copper Downspouts (07 71 23 00-0132)		
07 71 23 00-0150 LF 2" x 3", 16 Ounce, Rectangular Copper Downspout	20.81	2.86
For Up To 100', Add	2.55	
For >100 To 250', Add	1.20	
For >1,000', Deduct	-0.31	
07 71 23 00-0151 LF 3" x 4", 16 Ounce, Rectangular Copper Downspout	26.36	2.86
For Up To 100', Add	3.10	
For >100 To 250', Add	1.47	
For >1,000', Deduct	-0.31	
07 71 23 00-0152 LF 4" x 5", 16 Ounce, Rectangular Copper Downspout	37.55	2.86
For Up To 100', Add	4.22	
For >100 To 250', Add	2.03	
For >1,000', Deduct	-0.31	
07 71 23 00-0153 LF 2" x 3", 20 Ounce, Rectangular Copper Downspout	24.26	2.86
For Up To 100', Add	2.89	
For >100 To 250', Add	1.37	
For >1,000', Deduct	-0.31	
07 71 23 00-0154 LF 3" x 4", 20 Ounce, Rectangular Copper Downspout	31.14	2.86
For Up To 100', Add	3.58	
For >100 To 250', Add	1.71	
For >1,000', Deduct	-0.31	
07 71 23 00-0155 LF 4" x 5", 20 Ounce, Rectangular Copper Downspout	44.77	2.86
For Up To 100', Add	4.94	
For >100 To 250', Add	2.39	
For >1,000', Deduct	-0.31	
07 71 23 00-0156 Copper Devices And Accessories (07 71 23 00-0059)		
07 71 23 00-0157 EA Thru-Wall Copper Scupper Outlet.....	236.04	26.32
07 71 23 00-0158 EA Copper Leader/Conductor Head.....	340.79	29.26
07 71 23 00-0159 EA Copper Eave Box.....	151.06	17.87
07 71 23 00-0160 Galvanized Steel Gutters And Downspouts (07 71 23)		
07 71 23 00-0161 Galvanized Steel Gutters (07 71 23 00-0160)		
Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0162 K-Style Galvanized Steel Gutters (07 71 23 00-0161)		
07 71 23 00-0163 LF 5", 26 Gauge, K-Style Galvanized Steel Gutter	12.88	4.41
For Up To 100', Add	2.38	
For >100' To 250', Add	1.01	
For >1,000', Deduct	-0.73	
For Kynar 500® Finish, Add	2.52	
For 24 Gauge, Add	1.57	
For 22 Gauge, Add	3.09	

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 71 Roof Specialties

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
07 71 23 00-0164	LF 6", 26 Gauge, K-Style Galvanized Steel Gutter	14.94	4.65
	For Up To 100', Add	2.64	
	For >100' To 250', Add	1.13	
	For >1,000', Deduct	-0.76	
	For Kynar 500® Finish, Add	3.29	
	For 24 Gauge, Add	2.05	
	For 22 Gauge, Add	4.03	
07 71 23 00-0165	LF 7", 26 Gauge, K-Style Galvanized Steel Gutter	30.74	4.88
	For Up To 100', Add	4.31	
	For >100' To 250', Add	1.95	
	For >1,000', Deduct	-0.82	
	For Kynar 500® Finish, Add	10.13	
	For 24 Gauge, Add	6.31	
	For 22 Gauge, Add	12.39	
07 71 23 00-0166	LF 8", 26 Gauge, K-Style Galvanized Steel Gutter	32.43	5.48
	For Up To 100', Add	4.60	
	For >100' To 250', Add	2.07	
	For >1,000', Deduct	-0.91	
	For Kynar 500® Finish, Add	10.52	
	For 24 Gauge, Add	6.55	
	For 22 Gauge, Add	12.86	
07 71 23 00-0167 Half Round Galvanized Steel Gutters (07 71 23 00-0161)			
07 71 23 00-0168	LF 5", 26 Gauge, Half Round Galvanized Steel Gutter	18.67	4.41
	For Up To 100', Add	2.96	
	For >100' To 250', Add	1.30	
	For >1,000', Deduct	-0.73	
	For Kynar 500® Finish, Add	5.13	
	For 24 Gauge, Add	3.19	
	For 22 Gauge, Add	6.27	
07 71 23 00-0169	LF 6", 26 Gauge, Half Round Galvanized Steel Gutter	23.47	4.65
	For Up To 100', Add	3.49	
	For >100' To 250', Add	1.55	
	For >1,000', Deduct	-0.76	
	For Kynar 500® Finish, Add	7.13	
	For 24 Gauge, Add	4.44	
	For 22 Gauge, Add	8.72	
07 71 23 00-0170	LF 7", 26 Gauge, Half Round Galvanized Steel Gutter	58.71	4.88
	For Up To 100', Add	7.10	
	For >100' To 250', Add	3.35	
	For >1,000', Deduct	-0.82	
	For Kynar 500® Finish, Add	22.72	
	For 24 Gauge, Add	14.14	
	For 22 Gauge, Add	27.77	
07 71 23 00-0171	LF 8", 26 Gauge, Half Round Galvanized Steel Gutter	62.65	5.48
	For Up To 100', Add	7.62	
	For >100' To 250', Add	3.59	
	For >1,000', Deduct	-0.91	
	For Kynar 500® Finish, Add	24.12	
	For 24 Gauge, Add	15.01	
	For 22 Gauge, Add	29.48	
07 71 23 00-0172 Box Style Galvanized Steel Gutters (07 71 23 00-0161)			
07 71 23 00-0173	LF 5", 24 Gauge, Box Style Galvanized Steel Gutter	22.33	5.00
	For Up To 100', Add	3.48	
	For >100' To 250', Add	1.53	
	For >1,000', Deduct	-0.83	
	For Kynar 500® Finish, Add	6.30	
	For 22 Gauge, Add	3.08	
07 71 23 00-0174	LF 6", 24 Gauge, Box Style Galvanized Steel Gutter	26.17	5.48
	For Up To 100', Add	3.97	
	For >100' To 250', Add	1.76	
	For >1,000', Deduct	-0.91	
	For Kynar 500® Finish, Add	7.70	
	For 22 Gauge, Add	3.77	
07 71 23 00-0175	LF 7", 24 Gauge, Box Style Galvanized Steel Gutter	32.97	4.88
	For Up To 100', Add	4.53	
	For >100' To 250', Add	2.06	
	For >1,000', Deduct	-0.82	
	For Kynar 500® Finish, Add	11.14	
	For 22 Gauge, Add	5.45	
07 71 23 00-0176	LF 8", 24 Gauge, Box Style Galvanized Steel Gutter	36.66	6.19
	For Up To 100', Add	5.20	
	For >100' To 250', Add	2.35	
	For >1,000', Deduct	-1.03	
	For Kynar 500® Finish, Add	11.88	
	For 22 Gauge, Add	5.81	
07 71 23 00-0177 Galvanized Steel Gutter End Caps (07 71 23 00-0160)			
07 71 23 00-0178 K-Style, Galvanized Steel Gutter End Caps (07 71 23 00-0177)			
07 71 23 00-0179	EA 5", K-Style Galvanized Steel Gutter End Cap	5.75	
	For Kynar 500® Finish, Add	1.51	
07 71 23 00-0180	EA 6", K-Style Galvanized Steel Gutter End Cap	6.63	
	For Kynar 500® Finish, Add	1.91	
07 71 23 00-0181	EA 7", K-Style Galvanized Steel Gutter End Cap	14.48	
	For Kynar 500® Finish, Add	5.44	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0182	EA		8", K-Style Galvanized Steel Gutter End Cap <i>For Kynar 500® Finish, Add</i>	21.03 8.39	
07 71 23 00-0183			Half Round, Galvanized Steel Gutter End Caps (07 71 23 00-0177)		
07 71 23 00-0184	EA		5", Half Round Galvanized Steel Gutter End Cap <i>For Kynar 500® Finish, Add</i>	7.41 2.26	
07 71 23 00-0185	EA		6", Half Round Galvanized Steel Gutter End Cap <i>For Kynar 500® Finish, Add</i>	8.54 2.77	
07 71 23 00-0186	EA		7", Half Round Galvanized Steel Gutter End Cap <i>For Kynar 500® Finish, Add</i>	15.98 6.12	
07 71 23 00-0187	EA		8", Half Round Galvanized Steel Gutter End Cap <i>For Kynar 500® Finish, Add</i>	21.62 8.65	
07 71 23 00-0188			Box Style, Galvanized Steel Gutter End Caps (07 71 23 00-0177)		
07 71 23 00-0189	EA		5", Box Style Galvanized Steel Gutter End Cap <i>For Kynar 500® Finish, Add</i>	13.35 4.93	
07 71 23 00-0190	EA		6", Box Style Galvanized Steel Gutter End Cap <i>For Kynar 500® Finish, Add</i>	16.09 6.17	
07 71 23 00-0191	EA		7", Box Style Galvanized Steel Gutter End Cap <i>For Kynar 500® Finish, Add</i>	18.03 7.04	
07 71 23 00-0192	EA		8", Box Style Galvanized Steel Gutter End Cap <i>For Kynar 500® Finish, Add</i>	24.18 9.81	
07 71 23 00-0193			Galvanized Steel Gutter Miters (07 71 23 00-0160) Note: Inside or outside miters.		
07 71 23 00-0194			K-Style, Galvanized Steel Gutter Miters (07 71 23 00-0183)		
07 71 23 00-0195	EA		5", K-Style Galvanized Steel Gutter Miter <i>For Kynar 500® Finish, Add</i>	34.80 10.25	
07 71 23 00-0196	EA		6", K-Style Galvanized Steel Gutter Miter <i>For Kynar 500® Finish, Add</i>	56.43 19.60	
07 71 23 00-0197	EA		7", K-Style Galvanized Steel Gutter Miter <i>For Kynar 500® Finish, Add</i>	90.31 34.47	
07 71 23 00-0198	EA		8", K-Style Galvanized Steel Gutter Miter <i>For Kynar 500® Finish, Add</i>	101.53 39.09	
07 71 23 00-0199			Half Round, Galvanized Steel Gutter Miters (07 71 23 00-0193)		
07 71 23 00-0200	EA		5", Half Round Galvanized Steel Gutter Miter <i>For Kynar 500® Finish, Add</i>	47.67 16.04	
07 71 23 00-0201	EA		6", Half Round Galvanized Steel Gutter Miter <i>For Kynar 500® Finish, Add</i>	53.59 18.32	
07 71 23 00-0202	EA		7", Half Round Galvanized Steel Gutter Miter <i>For Kynar 500® Finish, Add</i>	152.16 62.31	
07 71 23 00-0203	EA		8", Half Round Galvanized Steel Gutter Miter <i>For Kynar 500® Finish, Add</i>	160.81 65.77	
07 71 23 00-0204			Box Style, Galvanized Steel Gutter Miters (07 71 23 00-0193)		
07 71 23 00-0205	EA		5", Box Style Galvanized Steel Gutter Miter <i>For Kynar 500® Finish, Add</i>	45.09 14.88	
07 71 23 00-0206	EA		6", Box Style Galvanized Steel Gutter Miter <i>For Kynar 500® Finish, Add</i>	73.47 27.27	
07 71 23 00-0207	EA		7", Box Style Galvanized Steel Gutter Miter <i>For Kynar 500® Finish, Add</i>	95.44 36.78	
07 71 23 00-0208	EA		8", Box Style Galvanized Steel Gutter Miter <i>For Kynar 500® Finish, Add</i>	101.53 39.09	
07 71 23 00-0209			Galvanized Steel Gutter Wire Strainers (07 71 23 00-0160)		
07 71 23 00-0210	EA		3" Diameter, Round Galvanized Steel Wire Strainer <i>For Kynar 500® Finish, Add</i>	13.30 3.20	2.98
07 71 23 00-0211	EA		4" Diameter, Round Galvanized Steel Wire Strainer <i>For Kynar 500® Finish, Add</i>	19.35 5.92	2.98
07 71 23 00-0212			Galvanized Steel Downspouts (07 71 23 00-0160) Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0213			Round Galvanized Steel Downspouts (07 71 23 00-0212)		
07 71 23 00-0214	LF		3" Diameter, 26 Gauge, Round Galvanized Steel Downspout <i>For Up To 100', Add</i> <i>For >100 To 250', Add</i> <i>For >1,000', Deduct</i> <i>For Kynar 500® Finish, Add</i> <i>For 24 Gauge, Add</i> <i>For 22 Gauge, Add</i>	7.19 1.18 0.51 -0.31 1.84 1.15 2.25	2.86
07 71 23 00-0215	LF		4" Diameter, 26 Gauge, Round Galvanized Steel Downspout <i>For Up To 100', Add</i> <i>For >100 To 250', Add</i> <i>For >1,000', Deduct</i> <i>For Kynar 500® Finish, Add</i> <i>For 24 Gauge, Add</i> <i>For 22 Gauge, Add</i>	8.95 1.36 0.60 -0.31 2.63 1.64 3.22	2.86

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 71 Roof Specialties

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0216	LF		5" Diameter, 26 Gauge, Round Galvanized Steel Downspout.....	12.19	2.86
			<i>For Up To 100', Add</i>	1.68	
			<i>For >100 To 250', Add</i>	0.76	
			<i>For >1,000', Deduct</i>	-0.31	
			<i>For Kynar 500® Finish, Add</i>	4.09	
			<i>For 24 Gauge, Add</i>	2.55	
			<i>For 22 Gauge, Add</i>	5.00	
07 71 23 00-0217	LF		6" Diameter, 26 Gauge, Round Galvanized Steel Downspout.....	27.15	2.86
			<i>For Up To 100', Add</i>	3.18	
			<i>For >100 To 250', Add</i>	1.51	
			<i>For >1,000', Deduct</i>	-0.31	
			<i>For Kynar 500® Finish, Add</i>	10.82	
			<i>For 24 Gauge, Add</i>	6.73	
			<i>For 22 Gauge, Add</i>	13.23	
07 71 23 00-0218			Square Galvanized Steel Downspouts (07 71 23 00-0212)		
07 71 23 00-0219	LF		4" x 4", 26 Gauge, Square Galvanized Steel Downspout	8.17	2.86
			<i>For Up To 100', Add</i>	1.28	
			<i>For >100 To 250', Add</i>	0.56	
			<i>For >1,000', Deduct</i>	-0.31	
			<i>For Kynar 500® Finish, Add</i>	2.28	
			<i>For 24 Gauge, Add</i>	1.42	
			<i>For 22 Gauge, Add</i>	2.79	
07 71 23 00-0220	LF		5" x 5", 26 Gauge, Square Galvanized Steel Downspout	10.48	2.86
			<i>For Up To 100', Add</i>	1.51	
			<i>For >100 To 250', Add</i>	0.68	
			<i>For >1,000', Deduct</i>	-0.31	
			<i>For Kynar 500® Finish, Add</i>	3.32	
			<i>For 24 Gauge, Add</i>	2.07	
			<i>For 22 Gauge, Add</i>	4.06	
07 71 23 00-0221			Rectangular Galvanized Steel Downspouts (07 71 23 00-0212)		
07 71 23 00-0222	LF		2" x 3", 26 Gauge, Rectangular Galvanized Steel Downspout.....	7.33	2.86
			<i>For Up To 100', Add</i>	1.20	
			<i>For >100 To 250', Add</i>	0.52	
			<i>For >1,000', Deduct</i>	-0.31	
			<i>For Kynar 500® Finish, Add</i>	1.90	
			<i>For 24 Gauge, Add</i>	1.18	
			<i>For 22 Gauge, Add</i>	2.33	
07 71 23 00-0223	LF		3" x 4", 26 Gauge, Rectangular Galvanized Steel Downspout.....	9.35	2.86
			<i>For Up To 100', Add</i>	1.40	
			<i>For >100 To 250', Add</i>	0.62	
			<i>For >1,000', Deduct</i>	-0.31	
			<i>For Kynar 500® Finish, Add</i>	2.81	
			<i>For 24 Gauge, Add</i>	1.75	
			<i>For 22 Gauge, Add</i>	3.44	
07 71 23 00-0224	LF		4" x 5", 26 Gauge, Rectangular Galvanized Steel Downspout.....	17.39	2.86
			<i>For Up To 100', Add</i>	2.20	
			<i>For >100 To 250', Add</i>	1.02	
			<i>For >1,000', Deduct</i>	-0.31	
			<i>For Kynar 500® Finish, Add</i>	6.43	
			<i>For 24 Gauge, Add</i>	4.00	
			<i>For 22 Gauge, Add</i>	7.86	
07 71 23 00-0225			Galvanized Steel Devices (07 71 23 00-0160)		
07 71 23 00-0226	EA		Galvanized Steel Leader/Conductor Head.....	320.08	29.26
			<i>For Kynar 500® Finish, Add</i>	117.71	
07 71 23 00-0227	EA		Thru-Wall Galvanized Steel Scupper Outlet	184.66	26.32
			<i>For Kynar 500® Finish, Add</i>	43.61	
07 71 23 00-0228			Stainless Steel Gutters And Downspouts (07 71 23)		
			Note: AISI type 304 stainless steel.		
07 71 23 00-0229			Stainless Steel Gutters (07 71 23 00-0228)		
			Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0230			K-Style, Stainless Steel Gutters (07 71 23 00-0229)		
07 71 23 00-0231	LF		5", 26 Gauge, K-Style Stainless Steel Gutter.....	33.05	4.41
			<i>For Up To 100', Add</i>	4.40	
			<i>For >100' To 250', Add</i>	2.02	
			<i>For >1,000', Deduct</i>	-0.73	
			<i>For 316 Stainless Steel, Add</i>	9.80	
			<i>For 24 Gauge, Add</i>	8.51	
			<i>For 22 Gauge, Add</i>	17.01	
			<i>For 20 Gauge, Add</i>	25.52	
07 71 23 00-0232	LF		6", 26 Gauge, K-Style Stainless Steel Gutter.....	39.85	4.65
			<i>For Up To 100', Add</i>	5.13	
			<i>For >100' To 250', Add</i>	2.37	
			<i>For >1,000', Deduct</i>	-0.76	
			<i>For 316 Stainless Steel, Add</i>	12.25	
			<i>For 24 Gauge, Add</i>	10.64	
			<i>For 22 Gauge, Add</i>	21.27	
			<i>For 20 Gauge, Add</i>	31.91	
07 71 23 00-0233			Half Round, Stainless Steel Gutters (07 71 23 00-0229)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0234	LF		5", 26 Gauge, Half Round Stainless Steel Gutter	46.30	4.41
			For Up To 100', Add	5.72	
			For >100' To 250', Add	2.68	
			For >1,000', Deduct	-0.73	
			For 316 Stainless Steel, Add	14.83	
			For 24 Gauge, Add	12.88	
			For 22 Gauge, Add	25.76	
			For 20 Gauge, Add	38.64	
07 71 23 00-0235	LF		6", 26 Gauge, Half Round Stainless Steel Gutter	56.33	4.65
			For Up To 100', Add	6.78	
			For >100' To 250', Add	3.20	
			For >1,000', Deduct	-0.76	
			For 316 Stainless Steel, Add	18.51	
			For 24 Gauge, Add	16.07	
			For 22 Gauge, Add	32.15	
			For 20 Gauge, Add	48.22	
07 71 23 00-0236			Box Style, Stainless Steel Gutters (07 71 23 00-0229)		
07 71 23 00-0237	LF		5", 26 Gauge, Box Style Stainless Steel Gutter	45.10	5.00
			For Up To 100', Add	5.76	
			For >100' To 250', Add	2.67	
			For >1,000', Deduct	-0.83	
			For 316 Stainless Steel, Add	13.97	
			For 24 Gauge, Add	12.13	
			For 22 Gauge, Add	24.26	
			For 20 Gauge, Add	36.39	
			For 18 Gauge, Add	61.02	
			For Seamless Gutter, Add	-0.59	
07 71 23 00-0238	LF		6", 26 Gauge, Box Style Stainless Steel Gutter	55.23	5.48
			For Up To 100', Add	6.88	
			For >100' To 250', Add	3.21	
			For >1,000', Deduct	-0.91	
			For 316 Stainless Steel, Add	17.55	
			For 24 Gauge, Add	15.24	
			For 22 Gauge, Add	30.48	
			For 20 Gauge, Add	45.72	
			For 18 Gauge, Add	76.66	
			For Seamless Gutter, Add	-0.95	
07 71 23 00-0239	LF		7", 26 Gauge, Box Style Stainless Steel Gutter	65.46	5.84
			For Up To 100', Add	7.99	
			For >100' To 250', Add	3.76	
			For >1,000', Deduct	-0.97	
			For 316 Stainless Steel, Add	21.21	
			For 24 Gauge, Add	18.42	
			For 22 Gauge, Add	36.83	
			For 20 Gauge, Add	55.25	
			For 18 Gauge, Add	92.64	
			For Seamless Gutter, Add	-1.34	
07 71 23 00-0240	LF		8", 26 Gauge, Box Style Stainless Steel Gutter	71.23	6.19
			For Up To 100', Add	8.66	
			For >100' To 250', Add	4.07	
			For >1,000', Deduct	-1.03	
			For 316 Stainless Steel, Add	23.17	
			For 24 Gauge, Add	20.12	
			For 22 Gauge, Add	40.25	
			For 20 Gauge, Add	60.37	
			For 18 Gauge, Add	101.23	
			For Seamless Gutter, Add	-1.51	
07 71 23 00-0241			Stainless Steel Gutter End Caps (07 71 23 00-0228)		
07 71 23 00-0242			K-Style, Stainless Steel Gutter End Caps (07 71 23 00-0241)		
07 71 23 00-0243	EA		5", K-Style Stainless Steel Gutter End Cap	10.45	
			For 316 Stainless Steel, Add	3.06	
07 71 23 00-0244	EA		6", K-Style Stainless Steel Gutter End Cap	12.07	
			For 316 Stainless Steel, Add	3.68	
07 71 23 00-0245			Half Round, Stainless Steel Gutter End Caps (07 71 23 00-0241)		
07 71 23 00-0246	EA		5", Half Round Stainless Steel Gutter End Cap	12.47	
			For 316 Stainless Steel, Add	3.83	
07 71 23 00-0247	EA		6", Half Round Stainless Steel Gutter End Cap	14.49	
			For 316 Stainless Steel, Add	4.60	
07 71 23 00-0248			Box Style, Stainless Steel Gutter End Caps (07 71 23 00-0241)		
07 71 23 00-0249	EA		5", Box Style Stainless Steel Gutter End Cap	13.06	
			For 316 Stainless Steel, Add	3.83	
07 71 23 00-0250	EA		6", Box Style Stainless Steel Gutter End Cap	15.08	
			For 316 Stainless Steel, Add	4.60	
07 71 23 00-0251	EA		7", Box Style Stainless Steel Gutter End Cap	15.84	
			For 316 Stainless Steel, Add	4.96	
07 71 23 00-0252	EA		8", Box Style Stainless Steel Gutter End Cap	19.26	
			For 316 Stainless Steel, Add	6.11	

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MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 71 23 00-0253	Stainless Steel Gutter Miters (07 71 23 00-0228) Note: Inside or outside box miters.		
07 71 23 00-0254	K-Style, Stainless Steel Gutter Miters (07 71 23 00-0253)		
07 71 23 00-0255	EA 5", K-Style Stainless Steel Gutter Miter	53.69	
	For 316 Stainless Steel, Add	15.83	
07 71 23 00-0256	EA 6", K-Style Stainless Steel Gutter Miter	86.79	
	For 316 Stainless Steel, Add	28.09	
07 71 23 00-0257	Half Round, Stainless Steel Gutter Miters (07 71 23 00-0253)		
07 71 23 00-0258	EA 5", Half Round Stainless Steel Gutter Miter	134.33	
	For 316 Stainless Steel, Add	46.47	
07 71 23 00-0259	EA 6", Half Round Stainless Steel Gutter Miter	164.68	
	For 316 Stainless Steel, Add	57.69	
07 71 23 00-0260	Box-Style, Stainless Steel Gutter Miters (07 71 23 00-0253)		
07 71 23 00-0261	EA 5", Box-Style Stainless Steel Gutter Miter	62.02	
	For 316 Stainless Steel, Add	19.00	
07 71 23 00-0262	EA 6", Box-Style Stainless Steel Gutter Miter	101.57	
	For 316 Stainless Steel, Add	33.71	
07 71 23 00-0263	EA 7", Box-Style Stainless Steel Gutter Miter	117.18	
	For 316 Stainless Steel, Add	39.32	
07 71 23 00-0264	EA 8", Box-Style Stainless Steel Gutter Miter	132.93	
	For 316 Stainless Steel, Add	44.94	
07 71 23 00-0265	Stainless Steel Gutter Wire Strainers (07 71 23 00-0228)		
07 71 23 00-0266	EA 3" Diameter, Round Stainless Steel Wire Strainer	44.40	2.98
07 71 23 00-0267	EA 4" Diameter, Round Stainless Steel Wire Strainer	45.45	2.98
07 71 23 00-0268	Stainless Steel Downspouts (07 71 23 00-0228) Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0269	Round Stainless Steel Downspouts (07 71 23 00-0268)		
07 71 23 00-0270	LF 3" Diameter, 26 Gauge, Round Stainless Steel Downspout	19.76	2.86
	For Up To 100', Add	2.44	
	For >100 To 250', Add	1.14	
	For >1,000', Deduct	-0.31	
	For 316 Stainless Steel, Add	6.33	
	For 24 Gauge, Add	5.50	
	For 22 Gauge, Add	11.00	
	For 20 Gauge, Add	16.49	
07 71 23 00-0271	LF 4" Diameter, 26 Gauge, Round Stainless Steel Downspout	26.22	2.86
	For Up To 100', Add	3.09	
	For >100 To 250', Add	1.47	
	For >1,000', Deduct	-0.31	
	For 316 Stainless Steel, Add	8.79	
	For 24 Gauge, Add	7.63	
	For 22 Gauge, Add	15.26	
	For 20 Gauge, Add	22.89	
07 71 23 00-0272	LF 5" Diameter, 26 Gauge, Round Stainless Steel Downspout	38.42	2.86
	For Up To 100', Add	4.31	
	For >100 To 250', Add	2.08	
	For >1,000', Deduct	-0.31	
	For 316 Stainless Steel, Add	13.42	
	For 24 Gauge, Add	11.66	
	For 22 Gauge, Add	23.31	
	For 20 Gauge, Add	34.97	
07 71 23 00-0273	Rectangular Stainless Steel Downspouts (07 71 23 00-0268)		
07 71 23 00-0274	LF 2" x 3", 26 Gauge, Rectangular Stainless Steel Downspout	20.23	2.86
	For Up To 100', Add	2.49	
	For >100 To 250', Add	1.17	
	For >1,000', Deduct	-0.31	
	For 316 Stainless Steel, Add	6.51	
	For 24 Gauge, Add	5.65	
	For 22 Gauge, Add	11.31	
	For 20 Gauge, Add	16.96	
	For 18 Gauge, Add	28.44	
07 71 23 00-0275	LF 3" x 4", 26 Gauge, Rectangular Stainless Steel Downspout	27.18	2.86
	For Up To 100', Add	3.18	
	For >100 To 250', Add	1.51	
	For >1,000', Deduct	-0.31	
	For 316 Stainless Steel, Add	9.15	
	For 24 Gauge, Add	7.95	
	For 22 Gauge, Add	15.89	
	For 20 Gauge, Add	23.84	
	For 18 Gauge, Add	39.97	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0276	LF		4" x 5", 26 Gauge, Rectangular Stainless Steel Downspout.....	35.32	2.86
			For Up To 100', Add	4.00	
			For >100 To 250', Add	1.92	
			For >1,000', Deduct	-0.31	
			For 316 Stainless Steel, Add	12.24	
			For 24 Gauge, Add	10.63	
			For 22 Gauge, Add	21.27	
			For 20 Gauge, Add	31.90	
			For 18 Gauge, Add	53.49	
07 71 23 00-0277			Stainless Steel Devices (07 71 23 00-0228)		
07 71 23 00-0278	EA		Thru-Wall Stainless Steel Scupper Outlet.....	217.99	26.81
			For 316 Stainless Steel, Add	48.88	
07 71 23 00-0279	EA		Stainless Steel Leader/Conductor Head.....	425.78	26.81
			For 316 Stainless Steel, Add	139.16	
07 71 23 00-0280			Vinyl Gutters And Downspouts (07 71 23)		
07 71 23 00-0281			Vinyl Gutters (07 71 23 00-0280)		
			Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0282			K-Style Vinyl Gutters (07 71 23 00-0281)		
07 71 23 00-0283	LF		4", K-Style Vinyl Gutter.....	11.39	2.98
			For Up To 100', Add	1.88	
			For >100' To 250', Add	0.82	
			For >1,000', Deduct	-0.50	
07 71 23 00-0284	LF		5", K-Style Vinyl Gutter.....	14.69	2.98
			For Up To 100', Add	2.21	
			For >100' To 250', Add	0.98	
			For >1,000', Deduct	-0.50	
07 71 23 00-0285			Half Round Vinyl Gutters (07 71 23 00-0281)		
07 71 23 00-0286	LF		4", Half Round Vinyl Gutter.....	11.76	2.98
			For Up To 100', Add	1.92	
			For >100' To 250', Add	0.84	
			For >1,000', Deduct	-0.50	
07 71 23 00-0287	LF		5", Half Round Vinyl Gutter.....	12.37	2.98
			For Up To 100', Add	1.98	
			For >100' To 250', Add	0.87	
			For >1,000', Deduct	-0.50	
07 71 23 00-0288			Vinyl Gutter End Caps (07 71 23 00-0280)		
07 71 23 00-0289			K-Style, Vinyl Gutter End Caps (07 71 23 00-0288)		
07 71 23 00-0290	EA		4", K-Style Vinyl Gutter End Cap.....	7.04	
07 71 23 00-0291	EA		5", K-Style Vinyl Gutter End Cap.....	9.78	
07 71 23 00-0292			Half Round, Vinyl Gutter End Caps (07 71 23 00-0288)		
07 71 23 00-0293	EA		4", Half Round Vinyl Gutter End Cap.....	8.06	
07 71 23 00-0294	EA		5", Half Round Vinyl Gutter End Cap.....	7.60	
07 71 23 00-0295			Vinyl Gutter Miters (07 71 23 00-0280)		
			Note: Inside or outside miters.		
07 71 23 00-0296			K-Style, Vinyl Gutter Miters (07 71 23 00-0295)		
07 71 23 00-0297	EA		4", K-Style Vinyl Gutter Miter.....	17.55	
07 71 23 00-0298	EA		5", K-Style Vinyl Gutter Miter.....	26.40	
07 71 23 00-0299			Half Round, Vinyl Gutter Miters (07 71 23 00-0295)		
07 71 23 00-0300	EA		4", Half Round Vinyl Gutter Miter.....	17.55	
07 71 23 00-0301	EA		5", Half Round Vinyl Gutter Miter.....	19.07	
07 71 23 00-0302			Vinyl Downspouts (07 71 23 00-0280)		
			Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0303			Round Vinyl Downspouts (07 71 23 00-0302)		
07 71 23 00-0304	LF		2-1/2" Diameter, Round Vinyl Downspout.....	7.48	2.86
			For Up To 100', Add	1.21	
			For >100 To 250', Add	0.53	
			For >1,000', Deduct	-0.31	
07 71 23 00-0305	LF		3" Diameter, Round Vinyl Downspout.....	7.80	2.86
			For Up To 100', Add	1.25	
			For >100 To 250', Add	0.55	
			For >1,000', Deduct	-0.31	
07 71 23 00-0306			Square Vinyl Downspouts (07 71 23 00-0302)		

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MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
07 71 23 00-0307	LF 2-1/2", Square Vinyl Downspout For Up To 100', Add For >100 To 250', Add For >1,000', Deduct	7.35 1.20 0.52 -0.31	2.86
07 71 23 00-0308	Rectangular Vinyl Downspouts (07 71 23 00-0302)		
07 71 23 00-0309	LF 2" x 3", Rectangular Vinyl Downspout..... For Up To 100', Add For >100 To 250', Add For >1,000', Deduct	9.42 1.41 0.63 -0.31	2.86
07 71 23 00-0310	Gutter And Downspout Boots (07 71 23)		
07 71 23 00-0311	Cast Iron Roof Drainage Downspout Boots (07 71 23 00-0310)		
07 71 23 00-0312	EA 2" x 3" x 18" Long, Cast Iron Roof Drainage Downspout Boot.....	325.04	4.29
07 71 23 00-0313	EA 3" x 4" x 18" Long, Cast Iron Roof Drainage Downspout Boot.....	423.92	4.29
07 71 23 00-0314	EA 4" x 5" x 24" Long, Cast Iron Roof Drainage Downspout Boot.....	506.14	4.29
07 71 23 00-0315	Cast Iron Roof Drainage Downspout Boots With Cleanouts (07 71 23 00-0310)		
07 71 23 00-0316	EA 3" x 4" x 18" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	562.14	4.29
07 71 23 00-0317	EA 4" x 5" x 24" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	686.91	4.29
07 71 23 00-0318	EA 5" x 7" x 30" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	1,247.25	4.29
07 71 23 00-0319	Wall Mounted Downspout Covers With Hinged Perforated Cover (07 71 23)		
07 71 23 00-0320	EA 3" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-03)..... For Polished Brass Finish (-PB), Add For Chrome Plated Finish (-CP), Add For Vandal Proof (-U), Add	1,122.97 106.53 159.79 53.26	28.86
07 71 23 00-0321	EA 4" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-04)..... For Polished Brass Finish (-PB), Add For Chrome Plated Finish (-CP), Add For Vandal Proof (-U), Add	1,142.21 106.53 159.79 53.26	38.48
07 71 23 00-0322	EA 6" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-06)..... For Polished Brass Finish (-PB), Add For Chrome Plated Finish (-CP), Add For Vandal Proof (-U), Add	1,224.00 112.51 168.76 56.25	49.47
07 71 23 00-0323	EA 8" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-08)..... For Polished Brass Finish (-PB), Add For Chrome Plated Finish (-CP), Add For Vandal Proof (-U), Add	1,304.12 117.92 176.88 58.96	62.47
07 71 23 00-0324	EA 10" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-10)..... For Polished Brass Finish (-PB), Add For Chrome Plated Finish (-CP), Add For Vandal Proof (-U), Add	1,401.68 124.78 187.17 62.39	76.96
07 71 23 00-0325	EA 12" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-12)..... For Polished Brass Finish (-PB), Add For Chrome Plated Finish (-CP), Add For Vandal Proof (-U), Add	1,538.44 132.36 198.54 66.18	107.43
07 71 23 00-0326	EA 15" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-15)..... For Polished Brass Finish (-PB), Add For Chrome Plated Finish (-CP), Add For Vandal Proof (-U), Add	1,697.16 139.83 209.75 69.92	149.41
07 71 23 00-0327	Wall Mounted Downspout Nozzle (07 71 23)		
07 71 23 00-0328	EA 3" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-03)..... For Nickel Bronze Finish (-NB), Add For Polished Bronze Finish (-PB), Add For Chrome Plated Finish (-CP), Add	287.68 160.97 126.48 204.66	28.86
07 71 23 00-0329	EA 4" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-04)..... For Nickel Bronze Finish (-NB), Add For Polished Bronze Finish (-PB), Add For Chrome Plated Finish (-CP), Add	306.92 160.97 126.48 204.66	38.48
07 71 23 00-0330	EA 6" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-06)..... For Nickel Bronze Finish (-NB), Add For Polished Bronze Finish (-PB), Add For Chrome Plated Finish (-CP), Add	644.46 163.66 92.74 240.03	49.47
07 71 23 00-0331	EA 8" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-08)..... For Nickel Bronze Finish (-NB), Add For Polished Bronze Finish (-PB), Add For Chrome Plated Finish (-CP), Add	952.99 140.77 107.65 240.14	62.47
07 71 23 00-0332	EA 10" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-10)..... For Nickel Bronze Finish (-NB), Add For Polished Bronze Finish (-PB), Add For Chrome Plated Finish (-CP), Add	1,228.95 182.76 139.76 311.76	76.96
07 71 23 00-0333	EA 12" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-12)..... For Nickel Bronze Finish (-NB), Add For Polished Bronze Finish (-PB), Add For Chrome Plated Finish (-CP), Add	1,567.32 229.92 175.82 392.21	107.43
07 71 23 00-0334	Leaf Guards And Cleaning (07 71 23)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0335	LF		Aluminum Mesh Gutter Leaf Guard	3.87	0.93
			For Up To 100', Add	0.66	
			For >100' To 250', Add	0.29	
			For >1,000', Deduct	-0.19	
07 71 23 00-0336	LF		Vinyl Mesh Gutter Leaf Guard	3.00	0.93
			For Up To 100', Add	0.58	
			For >100' To 250', Add	0.24	
			For >1,000', Deduct	-0.19	
07 71 23 00-0337	LF		6" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire	12.70	1.17
			For Up To 100', Add	1.62	
			For >100' To 250', Add	0.75	
			For >1,000', Deduct	-0.24	
07 71 23 00-0338	LF		9" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire	17.90	1.17
			For Up To 100', Add	2.14	
			For >100' To 250', Add	1.01	
			For >1,000', Deduct	-0.24	
07 71 23 00-0339	LF		6" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh	9.68	1.17
			For Up To 100', Add	1.25	
			For >100' To 250', Add	0.58	
			For >1,000', Deduct	-0.19	
07 71 23 00-0340	LF		9" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh	14.66	1.17
			For Up To 100', Add	1.74	
			For >100' To 250', Add	0.83	
			For >1,000', Deduct	-0.19	
07 71 23 00-0341	EA		Cleanout Roof Drain	158.09	
			Note: Includes removing dome and flushing.		
07 71 23 00-0342	LF		Cleanout Roof Gutters And Downspouts	1.87	
07 71 26 Reglets (07 71)					
07 71 26 00-0001			Counter Flashing With Reglet (07 71 26)		
			Note: Includes reglet cut.		
07 71 26 00-0002			Galvanized Steel Counter Flashing With Reglet (07 71 26 00-0001)		
07 71 26 00-0003			Galvanized Steel Counter Flashing With Reglet (07 71 26 00-0002)		
07 71 26 00-0004	LF		28 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	16.97	5.21
07 71 26 00-0005	LF		26 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	17.16	5.21
07 71 26 00-0006	LF		24 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	17.47	5.21
07 71 26 00-0007	LF		22 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	18.66	5.21
07 71 26 00-0008	LF		20 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	19.34	5.21
07 71 26 00-0009	LF		18 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	20.12	5.21
07 71 26 00-0010			KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet (07 71 26 00-0002)		
07 71 26 00-0011	LF		28 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	19.93	5.21
07 71 26 00-0012	LF		26 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	20.19	5.21
07 71 26 00-0013	LF		24 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	20.65	5.21
07 71 26 00-0014	LF		22 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	22.37	5.21
07 71 26 00-0015	LF		20 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	23.36	5.21
07 71 26 00-0016	LF		18 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	24.49	5.21
07 71 26 00-0017			Aluminum Counter Flashing With Reglet (07 71 26 00-0001)		
07 71 26 00-0018			KYNAR 500® Finish, Aluminum Counter Flashing With Reglet (07 71 26 00-0017)		
07 71 26 00-0019	LF		0.019" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	16.05	5.21
07 71 26 00-0020	LF		0.025" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	16.94	5.21
07 71 26 00-0021	LF		0.032" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	17.83	5.21
07 71 26 00-0022	LF		0.040" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	18.47	5.21
07 71 26 00-0023	LF		0.050" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	19.90	5.21
07 71 26 00-0024	LF		0.063" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	21.98	5.21
07 71 26 00-0025			Mill Finish, Aluminum Counter Flashing With Reglet (07 71 26 00-0017)		
07 71 26 00-0026	LF		0.019" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	14.01	5.21
07 71 26 00-0027	LF		0.025" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	14.58	5.21
07 71 26 00-0028	LF		0.032" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	15.15	5.21
07 71 26 00-0029	LF		0.040" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	15.56	5.21
07 71 26 00-0030	LF		0.050" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	16.47	5.21
07 71 26 00-0031	LF		0.063" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	17.80	5.21
07 71 26 00-0032			Clear Anodized Finish, Aluminum Counter Flashing With Reglet (07 71 26 00-0017)		
07 71 26 00-0033	LF		0.019" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	15.63	5.21
07 71 26 00-0034	LF		0.025" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	16.45	5.21
07 71 26 00-0035	LF		0.032" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	17.28	5.21
07 71 26 00-0036	LF		0.040" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	17.87	5.21
07 71 26 00-0037	LF		0.050" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	19.20	5.21
07 71 26 00-0038	LF		0.063" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	21.12	5.21
07 71 26 00-0039			Stainless Steel Counter Flashing With Reglet (07 71 26 00-0001)		
07 71 26 00-0040			Stainless Steel Counter Flashing With Reglet (07 71 26 00-0039)		
07 71 26 00-0041	LF		24 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet	17.38	5.21

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 71 Roof Specialties

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 71 26 00-0042 LF 20 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet..... 18.61 5.21

07 71 26 00-0043 Copper Counter Flashing With Reglet (07 71 26 00-0001)

07 71 26 00-0044 Copper Counter Flashing With Reglet (07 71 26 00-0043)

07 71 26 00-0045 LF 16 Ounce, Up To 12" Wide, Copper Counter Flashing With Reglet..... 51.81 5.21

07 72 Roof Accessories (07 70)

07 72 13 Manufactured Curbs (07 72)

07 72 13 00-0001 Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13)

Note: Includes fasteners and sealants. Excludes flashing. See CSI section 07 62 13 00-0000 for flashing and trim.

07 72 13 00-0002 Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0001)

Note: Includes pressure treated wood nailer, 1-1/2" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction, installation clips and 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips.

07 72 13 00-0003 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0002)

07 72 13 00-0004 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs

07 72 13 00-0005 EA 26" x 26" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... 963.55 241.67

For Sloped Roofs Up To 1 In 12 Pitch, Add 66.15

For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 162.50

For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add -28.08

For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 15.31

For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 38.05

07 72 13 00-0006 EA 26" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... 978.84 241.67

For Sloped Roofs Up To 1 In 12 Pitch, Add 67.68

For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 165.56

For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add -34.48

For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 23.40

For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 44.07

07 72 13 00-0007 EA 26" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... 1,062.00 271.88

For Sloped Roofs Up To 1 In 12 Pitch, Add 72.22

For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 178.42

For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add -42.13

For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 30.21

For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 44.68

07 72 13 00-0008 EA 26" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... 1,120.63 271.88

For Sloped Roofs Up To 1 In 12 Pitch, Add 78.08

For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 190.14

For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add -56.19

For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 36.83

For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 51.30

07 72 13 00-0009 EA 26" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... 1,163.95 271.88

For Sloped Roofs Up To 1 In 12 Pitch, Add 82.41

For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 198.81

For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add 18.91

For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 120.21

For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 132.61

07 72 13 00-0010 EA 26" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... 1,412.79 302.09

For Sloped Roofs Up To 1 In 12 Pitch, Add 103.52

For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 244.80

For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add -93.23

For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add -0.19

For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 39.07

07 72 13 00-0011 EA 38" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... 983.94 241.67

For Sloped Roofs Up To 1 In 12 Pitch, Add 68.19

For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 166.58

For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add 10.85

For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 93.54

For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 130.75

07 72 13 00-0012 EA 38" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... 1,064.55 271.88

For Sloped Roofs Up To 1 In 12 Pitch, Add 72.47

For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 178.93

For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add -53.62

For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 33.18

For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 68.33

07 72 13 00-0013 EA 38" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... 1,097.69 271.88

For Sloped Roofs Up To 1 In 12 Pitch, Add 75.78

For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 185.55

For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add -66.41

For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 24.55

For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 53.49

07 72 13 00-0014 EA 38" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... 1,110.43 271.88

For Sloped Roofs Up To 1 In 12 Pitch, Add 77.06

For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 188.10

For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add 19.22

For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 118.45

For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 145.32

07 72 13 00-0015 EA 38" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... 1,372.02 302.09

For Sloped Roofs Up To 1 In 12 Pitch, Add 99.44

For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 236.64

For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add 24.81

For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 134.37

For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 175.71

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0016	EA		38" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,501.06	332.30
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	108.57	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	258.67	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	30.39	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	156.49	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	206.10	
07 72 13 00-0017	EA		50" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,181.79	271.88
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	84.19	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	202.37	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-68.96	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	21.99	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	44.73	
07 72 13 00-0018	EA		50" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,290.46	302.09
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	91.28	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	220.33	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-83.01	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	1.74	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	43.09	
07 72 13 00-0019	EA		50" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,318.49	302.09
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	94.09	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	225.94	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-98.32	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-25.97	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	44.30	
07 72 13 00-0020	EA		50" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,447.54	332.30
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	103.22	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	247.97	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-114.94	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-21.90	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	44.23	
07 72 13 00-0021	EA		51" x 99" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,553.64	362.50
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	110.05	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	265.41	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	31.94	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	147.70	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	199.38	
07 72 13 00-0022	EA		51" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,680.13	392.71
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	118.92	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	286.94	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-158.36	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-28.11	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	42.15	
07 72 13 00-0023	EA		62" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,318.49	302.09
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	94.09	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	225.94	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	25.43	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	93.64	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	172.20	
07 72 13 00-0024	EA		62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,419.50	332.30
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	100.41	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	242.36	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-120.03	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-18.74	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	45.33	
07 72 13 00-0025	EA		62" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,551.09	362.50
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	109.80	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	264.90	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-155.79	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-54.50	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	5.43	
07 72 13 00-0026	EA		62" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,576.58	362.50
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	112.34	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	270.00	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	37.83	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	139.12	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	242.48	
07 72 13 00-0027	EA		62" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,708.17	392.71
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	121.73	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	292.54	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-196.66	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-93.30	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	38.98	
07 72 13 00-0028			12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs <small>(07 72 13 00-0003)</small>		
07 72 13 00-0029	EA		26" x 26" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	996.68	241.67
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	69.46	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	169.13	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-28.08	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	15.31	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	38.05	
07 72 13 00-0030	EA		26" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,004.33	241.67
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	70.22	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	170.66	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-34.48	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	23.40	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	44.07	

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 72 Roof Accessories

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
07 72 13 00-0031	EA 26" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,087.49 74.76 183.51 -42.13 30.21 44.68	271.88
07 72 13 00-0032	EA 26" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,153.76 81.39 196.77 -56.19 36.83 51.30	271.88
07 72 13 00-0033	EA 26" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,202.18 86.23 206.45 18.91 120.21 132.61	271.88
07 72 13 00-0034	EA 26" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,443.38 106.58 250.91 -93.23 -0.19 39.07	302.09
07 72 13 00-0035	EA 38" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,006.87 70.48 171.17 10.85 93.54 130.75	241.67
07 72 13 00-0036	EA 38" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,133.37 79.35 192.69 -53.62 33.18 68.33	271.88
07 72 13 00-0037	EA 38" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,184.34 84.45 202.88 -66.41 24.55 53.49	271.88
07 72 13 00-0038	EA 38" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,242.96 90.31 214.61 19.22 118.45 145.32	271.88
07 72 13 00-0039	EA 38" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,412.79 103.52 244.80 24.81 134.37 175.71	302.09
07 72 13 00-0040	EA 38" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,552.03 113.67 268.87 30.39 156.49 206.10	332.30
07 72 13 00-0041	EA 50" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,212.38 87.25 208.49 -68.96 21.99 44.73	271.88
07 72 13 00-0042	EA 50" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,315.94 93.83 225.43 -83.01 1.74 43.09	302.09
07 72 13 00-0043	EA 50" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,356.72 97.91 233.58 -98.32 -25.97 44.30	302.09
07 72 13 00-0044	EA 50" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,488.31 107.29 256.12 -114.94 -21.90 44.23	332.30

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 72 13 00-0045	EA			51" x 99" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,602.07	362.50
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	114.89	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	275.10	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	31.94	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	147.70	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	199.38	
07 72 13 00-0046	EA			51" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,736.21	392.71
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	124.53	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	298.15	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-158.36	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-28.11	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	42.15	
07 72 13 00-0047	EA			62" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,356.72	302.09
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	97.91	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	233.58	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	25.43	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	93.64	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	172.20	
07 72 13 00-0048	EA			62-3/8" x 74-3/8" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,460.28	332.30
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	104.49	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	250.52	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-120.03	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-18.74	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	45.33	
07 72 13 00-0049	EA			62" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,594.42	362.50
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	114.13	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	273.57	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-155.79	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-54.50	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	5.43	
07 72 13 00-0050	EA			62" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,627.55	362.50
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	117.44	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	280.20	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	37.83	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	139.12	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	242.48	
07 72 13 00-0051	EA			62" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,764.24	392.71
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	127.33	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	303.76	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-196.66	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-93.30	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	38.98	

07 72 13 00-0052 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0003)

07 72 13 00-0053	EA			26" x 26" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,014.52	241.67
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	71.24	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	172.70	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-28.08	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	15.31	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	38.05	
07 72 13 00-0054	EA			26" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,022.17	241.67
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	72.01	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	174.23	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-34.48	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	23.40	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	44.07	
07 72 13 00-0055	EA			26" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,100.24	271.88
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	76.04	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	186.06	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-42.13	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	30.21	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	44.68	
07 72 13 00-0056	EA			26" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,174.15	271.88
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	83.43	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	200.85	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-56.19	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	36.83	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	51.30	
07 72 13 00-0057	EA			26" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,230.22	271.88
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	89.04	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	212.06	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	18.91	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	120.21	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	132.61	
07 72 13 00-0058	EA			26" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,479.06	302.09
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	110.14	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	258.05	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-93.23	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-0.19	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	39.07	

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 72 Roof Accessories

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0059	EA		38" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,022.17 72.01 174.23 10.85 93.54 130.75	241.67
07 72 13 00-0060	EA		38" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,100.24 76.04 186.06 -53.62 33.18 68.33	271.88
07 72 13 00-0061	EA		38" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,230.22 89.04 212.06 -66.41 24.55 53.49	271.88
07 72 13 00-0062	EA		38" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,291.39 95.15 224.29 19.22 118.45 145.32	271.88
07 72 13 00-0063	EA		38" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,443.38 106.58 250.91 24.81 134.37 175.71	302.09
07 72 13 00-0064	EA		38" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,585.17 116.98 275.50 30.39 156.49 206.10	332.30
07 72 13 00-0065	EA		50" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,232.77 89.29 212.57 -68.96 21.99 44.73	271.88
07 72 13 00-0066	EA		50" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,232.75 85.51 208.79 -83.01 1.74 43.09	302.09
07 72 13 00-0067	EA		50" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,382.21 100.46 238.68 -98.32 -25.97 44.30	302.09
07 72 13 00-0068	EA		50" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,518.90 110.35 262.24 -114.94 -21.90 44.23	332.30
07 72 13 00-0069	EA		51" x 99" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,632.65 117.95 281.22 31.94 147.70 199.38	362.50
07 72 13 00-0070	EA		51" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,771.89 128.10 305.29 -158.36 -28.11 42.15	392.71
07 72 13 00-0071	EA		62" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,382.21 100.46 238.68 25.43 93.64 172.20	302.09
07 72 13 00-0072	EA		62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,488.31 107.29 256.12 -120.03 -18.74 45.33	332.30

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0073 EA 62" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,627.55	362.50
For Sloped Roofs Up To 1 In 12 Pitch, Add	117.44	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	280.20	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-155.79	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-54.50	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	5.43	
07 72 13 00-0074 EA 62" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,660.69	362.50
For Sloped Roofs Up To 1 In 12 Pitch, Add	120.76	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	286.82	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	37.83	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	139.12	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	242.48	
07 72 13 00-0075 EA 62" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,802.47	392.71
For Sloped Roofs Up To 1 In 12 Pitch, Add	131.16	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	311.40	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-196.66	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-93.30	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	38.98	
07 72 13 00-0076 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0002)		
07 72 13 00-0077 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0076)		
07 72 13 00-0078 EA 26" x 26" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	935.51	241.67
For Sloped Roofs Up To 1 In 12 Pitch, Add	63.34	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	156.89	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-28.08	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	15.31	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	38.05	
07 72 13 00-0079 EA 26" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	968.64	241.67
For Sloped Roofs Up To 1 In 12 Pitch, Add	66.66	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	163.52	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-34.48	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	23.40	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	44.07	
07 72 13 00-0080 EA 26" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,107.88	271.88
For Sloped Roofs Up To 1 In 12 Pitch, Add	76.80	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	187.59	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-42.13	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	30.21	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	44.68	
07 72 13 00-0081 EA 26" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,184.34	271.88
For Sloped Roofs Up To 1 In 12 Pitch, Add	84.45	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	202.88	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-56.19	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	36.83	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	51.30	
07 72 13 00-0082 EA 26" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,240.41	271.88
For Sloped Roofs Up To 1 In 12 Pitch, Add	90.06	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	214.10	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	18.91	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	120.21	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	132.61	
07 72 13 00-0083 EA 26" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,519.84	302.09
For Sloped Roofs Up To 1 In 12 Pitch, Add	114.22	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	266.21	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-93.23	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-0.19	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	39.07	
07 72 13 00-0084 EA 38" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,029.81	241.67
For Sloped Roofs Up To 1 In 12 Pitch, Add	72.77	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	175.75	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	10.85	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	93.54	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	130.75	
07 72 13 00-0085 EA 38" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,128.27	271.88
For Sloped Roofs Up To 1 In 12 Pitch, Add	78.84	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	191.67	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-53.62	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	33.18	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	68.33	
07 72 13 00-0086 EA 38" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,153.76	271.88
For Sloped Roofs Up To 1 In 12 Pitch, Add	81.39	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	196.77	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-66.41	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	24.55	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	53.49	
07 72 13 00-0087 EA 38" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,176.70	271.88
For Sloped Roofs Up To 1 In 12 Pitch, Add	83.69	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	201.36	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	19.22	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	118.45	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	145.32	
07 72 13 00-0088 EA 38" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,458.67	302.09
For Sloped Roofs Up To 1 In 12 Pitch, Add	108.11	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	253.97	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	24.81	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	134.37	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	175.71	

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 72 Roof Accessories

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0089	EA		38" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,603.01 118.76 279.06 30.39 156.49 206.10	332.30
07 72 13 00-0090	EA		50" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,242.96 90.31 214.61 -68.96 21.99 44.73	271.88
07 72 13 00-0091	EA		50" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,354.17 97.66 233.07 -83.01 1.74 43.09	302.09
07 72 13 00-0092	EA		50" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,394.95 101.73 241.23 -98.32 -25.97 44.30	302.09
07 72 13 00-0093	EA		50" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,534.19 111.88 265.30 -114.94 -21.90 44.23	332.30
07 72 13 00-0094	EA		51" x 99" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,647.94 119.48 284.27 31.94 147.70 199.38	362.50
07 72 13 00-0095	EA		51" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,789.73 129.88 308.86 -158.36 -28.11 42.15	392.71
07 72 13 00-0096	EA		62" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,394.95 101.73 241.23 25.43 93.64 172.20	302.09
07 72 13 00-0097	EA		62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,501.06 108.57 258.67 -120.03 -18.74 45.33	332.30
07 72 13 00-0098	EA		62" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,642.84 118.97 283.25 -155.79 -54.50 5.43	362.50
07 72 13 00-0099	EA		62" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,678.53 122.54 290.39 37.83 139.12 242.48	362.50
07 72 13 00-0100	EA		62" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,822.86 133.20 315.48 -196.66 -93.30 38.98	392.71
07 72 13 00-0101			12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0076)		
07 72 13 00-0102	EA		26" x 26" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	958.45 65.64 161.48 -28.08 15.31 38.05	241.67
07 72 13 00-0103	EA		26" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	996.68 69.46 169.13 -34.48 23.40 44.07	241.67

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0104	EA			26" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,146.11	271.88
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	80.63	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	195.24	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-42.13	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	30.21	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	44.68	
07 72 13 00-0105	EA			26" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,230.22	271.88
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	89.04	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	212.06	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-56.19	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	36.63	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	51.30	
07 72 13 00-0106	EA			26" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,299.03	271.88
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	95.92	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	225.82	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	18.91	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	120.21	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	132.61	
07 72 13 00-0107	EA			26" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,530.03	302.09
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	115.24	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	268.24	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-93.23	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-0.19	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	39.07	
07 72 13 00-0108	EA			38" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,062.95	241.67
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	76.09	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	182.38	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	10.85	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	93.54	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	130.75	
07 72 13 00-0109	EA			38" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,169.05	271.88
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	82.92	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	199.83	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-53.62	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	33.18	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	68.33	
07 72 13 00-0110	EA			38" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,202.18	271.88
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	86.23	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	206.45	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-66.41	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	24.55	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	53.49	
07 72 13 00-0111	EA			38" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,232.77	271.88
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	89.29	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	212.57	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	19.22	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	118.45	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	145.32	
07 72 13 00-0112	EA			38" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,519.84	302.09
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	114.22	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	266.21	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	24.61	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	134.37	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	175.71	
07 72 13 00-0113	EA			38" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,676.92	332.30
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	126.15	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	293.65	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	30.39	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	156.49	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	206.10	
07 72 13 00-0114	EA			50" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,288.84	271.88
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	94.90	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	223.78	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-68.96	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	21.99	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	44.73	
07 72 13 00-0115	EA			50" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,405.15	302.09
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	102.75	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	243.27	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-83.01	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	1.74	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	43.09	
07 72 13 00-0116	EA			50" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,453.57	302.09
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	107.60	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	252.95	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-98.32	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-25.97	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	44.30	
07 72 13 00-0117	EA			50" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,595.36	332.30
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	118.00	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	277.53	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-114.94	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-21.90	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	44.23	

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 72 Roof Accessories

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0118	EA		51" x 99" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,719.31	362.50
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	126.62	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	298.55	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	31.94	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	147.70	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	199.38	
07 72 13 00-0119	EA		51" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,871.29	392.71
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	138.04	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	325.17	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-158.36	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-28.11	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	42.15	
07 72 13 00-0120	EA		62" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,453.57	302.09
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	107.60	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	252.95	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	25.43	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	93.64	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	172.20	
07 72 13 00-0121	EA		62-3/8" x 74-3/8" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,567.32	332.30
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	115.19	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	271.93	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-120.03	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-18.74	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	45.33	
07 72 13 00-0122	EA		62" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,714.21	362.50
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	126.11	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	297.53	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-155.79	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-54.50	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	5.43	
07 72 13 00-0123	EA		62" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,752.44	362.50
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	129.93	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	305.17	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	37.83	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	139.12	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	242.48	
07 72 13 00-0124	EA		62" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,909.52	392.71
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	141.86	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	332.81	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-196.66	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-93.30	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	38.98	

07 72 13 00-0125 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0076)

07 72 13 00-0126	EA		26" x 26" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	976.29	241.67
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	67.42	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	165.05	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-28.08	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	15.31	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	38.05	
07 72 13 00-0127	EA		26" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,017.07	241.67
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	71.50	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	173.21	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-34.48	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	23.40	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	44.07	
07 72 13 00-0128	EA		26" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,169.05	271.88
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	82.92	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	199.83	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-42.13	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	30.21	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	44.68	
07 72 13 00-0129	EA		26" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,260.80	271.88
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	92.10	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	218.18	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-56.19	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	36.83	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	51.30	
07 72 13 00-0130	EA		26" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,337.26	271.88
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	99.74	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	233.47	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	18.91	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	120.21	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	132.61	
07 72 13 00-0131	EA		26" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,611.59	302.09
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	123.40	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	284.56	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-93.23	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-0.19	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	39.07	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 72 13 00-0132	EA			38" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,088.43	241.67
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	78.63	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	187.48	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	10.85	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	93.54	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	130.75	
07 72 13 00-0133	EA			38" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,212.38	271.88
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	87.25	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	208.49	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-53.62	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	33.18	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	68.33	
07 72 13 00-0134	EA			38" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,258.25	271.88
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	91.84	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	217.67	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-66.41	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	24.55	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	53.49	
07 72 13 00-0135	EA			38" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,268.45	271.88
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	92.86	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	219.71	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	19.22	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	118.45	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	145.32	
07 72 13 00-0136	EA			38" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,565.72	302.09
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	118.81	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	275.38	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	24.81	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	134.37	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	175.71	
07 72 13 00-0137	EA			38" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,727.89	332.30
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	131.25	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	304.04	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	30.39	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	156.49	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	206.10	
07 72 13 00-0138	EA			50" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,319.42	271.88
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	97.96	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	229.90	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-68.96	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	21.99	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	44.73	
07 72 13 00-0139	EA			50" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,309.24	302.09
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	93.16	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	224.09	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-83.01	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	1.74	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	43.09	
07 72 13 00-0140	EA			50" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,491.80	302.09
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	111.42	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	260.60	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-98.32	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-25.97	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	44.30	
07 72 13 00-0141	EA			50" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,641.24	332.30
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	122.59	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	286.71	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-114.94	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-21.90	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	44.23	
07 72 13 00-0142	EA			51" x 99" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,765.18	362.50
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	131.20	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	307.72	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	31.94	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	147.70	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	199.38	
07 72 13 00-0143	EA			51" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,927.36	392.71
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	143.65	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	336.38	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-158.36	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-28.11	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	42.15	
07 72 13 00-0144	EA			62" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,491.80	302.09
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	111.42	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	260.60	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	25.43	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	93.64	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	172.20	
07 72 13 00-0145	EA			62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,613.20	332.30
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	119.78	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	281.10	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-120.03	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-18.74	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	45.33	

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 72 Roof Accessories

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 72 13 00-0146	EA	62" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,757.54	362.50
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	130.44	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	306.19	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-155.79	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-54.50	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	5.43	
07 72 13 00-0147	EA	62" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,803.41	362.50
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	135.03	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	315.37	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	37.83	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	139.12	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	242.48	
07 72 13 00-0148	EA	62" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,965.59	392.71
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	147.47	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	344.03	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-196.66	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-93.30	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	38.98	
07 72 13 00-0149		Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs <small>(07 72 13 00-0001)</small>		
		Note: Includes 1" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction and installation clips.		
07 72 13 00-0150		6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs <small>(07 72 13 00-0149)</small>		
07 72 13 00-0151	EA	14-1/2" To 23" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	918.87	241.67
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	61.68	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	153.57	
07 72 13 00-0152	EA	23-1/2" To 32" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,058.57	241.67
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	75.65	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	181.51	
07 72 13 00-0153	EA	32-1/2" To 41" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,211.78	271.88
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	87.19	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	208.37	
07 72 13 00-0154	EA	41" To 49-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,323.33	271.88
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	98.35	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	230.68	
07 72 13 00-0155	EA	50" To 58-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,463.72	302.09
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	108.61	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	254.98	
07 72 13 00-0156		12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs <small>(07 72 13 00-0149)</small>		
07 72 13 00-0157	EA	14-1/2" To 23" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,123.43	241.67
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	82.13	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	194.48	
07 72 13 00-0158	EA	23-1/2" To 32" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,313.03	241.67
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	101.09	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	232.40	
07 72 13 00-0159	EA	32-1/2" To 41" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,393.89	271.88
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	105.40	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	244.79	
07 72 13 00-0160	EA	41" To 49-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,465.17	271.88
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	112.53	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	259.05	
07 72 13 00-0161	EA	50" To 58-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,640.49	302.09
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	126.29	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	290.34	
07 72 13 00-0162	EA	64" To 72-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	2,593.11	332.30
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	217.77	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	477.08	
07 72 13 00-0163		18" To 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs <small>(07 72 13 00-0149)</small>		
07 72 13 00-0164	EA	17-1/2" To 22" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,459.50	241.67
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	115.74	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	261.69	
07 72 13 00-0165	EA	24" To 29" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,653.37	241.67
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	135.13	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	300.47	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0166	EA			31" To 46" Square Outside Dimensions, 18" Height, 16 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	1,959.12	271.88
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	161.93	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	357.84	
07 72 13 00-0167				Wood, Prefabricated Roof Curbs <small>(07 72 13)</small>		
				Note: Includes Douglas fir construction, galvanized steel corner straps, fasteners, sealants, and installation clips. Includes 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips. Excludes flashing. See CSI section 07 62 13 00-0000 for flashing and trim.		
07 72 13 00-0168				Wood Framed, Prefabricated Roof Curbs <small>(07 72 13 00-0167)</small>		
07 72 13 00-0169				2 x 6 Wood Framed, Prefabricated Roof Curbs <small>(07 72 13 00-0168)</small>		
07 72 13 00-0170	EA			26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	771.62	241.67
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	46.95	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	124.12	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-28.08	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	15.31	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	38.05	
07 72 13 00-0171	EA			26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	859.55	271.88
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	51.97	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	137.93	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-42.13	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	30.21	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	44.68	
07 72 13 00-0172	EA			26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	913.29	271.88
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	57.34	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	148.67	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	18.91	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	120.21	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	132.61	
07 72 13 00-0173	EA			38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	907.09	271.88
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	56.72	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	147.43	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-66.41	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	24.55	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	53.49	
07 72 13 00-0174	EA			38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	921.56	271.88
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	58.17	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	150.33	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	19.22	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	118.45	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	145.32	
07 72 13 00-0175	EA			38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	1,032.23	302.09
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	65.46	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	168.68	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	24.81	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	134.37	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	175.71	
07 72 13 00-0176	EA			50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	917.43	271.88
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	57.76	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	149.50	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-68.96	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	21.99	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	44.73	
07 72 13 00-0177	EA			50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	1,050.84	302.09
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	67.32	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	172.41	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-98.32	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-25.97	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	44.30	
07 72 13 00-0178	EA			51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	1,201.88	362.50
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	74.87	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	195.06	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	31.94	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	147.70	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	199.38	
07 72 13 00-0179	EA			62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	1,013.63	302.09
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	63.60	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	164.96	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	25.43	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	93.64	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	172.20	
07 72 13 00-0180	EA			62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	1,113.96	332.30
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	69.86	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	181.25	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-120.03	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-18.74	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	45.33	
07 72 13 00-0181	EA			62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	1,243.22	362.50
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	79.01	
				<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	203.33	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	37.83	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	139.12	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	242.48	
07 72 13 00-0182				2 x 8 Wood Framed, Prefabricated Roof Curbs <small>(07 72 13 00-0168)</small>		

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 72 Roof Accessories

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 72 13 00-0183	EA	26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	784.03	241.67
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	48.19	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	126.60	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-28.08	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	15.31	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	38.05	
07 72 13 00-0184	EA	26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	874.02	271.88
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	53.42	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	140.82	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-42.13	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	30.21	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	44.68	
07 72 13 00-0185	EA	26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	952.57	271.88
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	61.27	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	156.53	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	18.91	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	120.21	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	132.61	
07 72 13 00-0186	EA	38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	931.90	271.88
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	59.21	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	152.40	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-66.41	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	24.55	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	53.49	
07 72 13 00-0187	EA	38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	952.57	271.88
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	61.27	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	156.53	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	19.22	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	118.45	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	145.32	
07 72 13 00-0188	EA	38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,063.24	302.09
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	68.56	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	174.89	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	24.81	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	134.37	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	175.71	
07 72 13 00-0189	EA	50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	940.17	271.88
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	60.03	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	154.05	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-68.96	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	21.99	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	44.73	
07 72 13 00-0190	EA	50" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,079.78	302.09
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	70.22	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	178.19	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-98.32	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-25.97	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	44.30	
07 72 13 00-0191	EA	51" x 99" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,230.82	362.50
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	77.77	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	200.85	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	31.94	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	147.70	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	199.38	
07 72 13 00-0192	EA	62" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,036.37	302.09
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	65.88	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	169.51	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	25.43	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	93.64	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	172.20	
07 72 13 00-0193	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,140.83	332.30
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	72.55	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	186.63	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-120.03	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-18.74	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	45.33	
07 72 13 00-0194	EA	62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,272.16	362.50
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	81.90	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	209.12	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	37.83	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	139.12	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	242.48	

07 72 13 00-0195 2 x 10 Wood Framed, Prefabricated Roof Curbs (07 72 13 00-0168)

07 72 13 00-0196	EA	26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	792.30	241.67
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	49.02	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	128.25	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-28.08	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	15.31	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	38.05	
07 72 13 00-0197	EA	26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	888.49	271.88
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	54.86	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	143.71	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-42.13	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	30.21	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	44.68	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0198	EA		26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	956.70 61.69 157.36 18.91 120.21 132.61	271.88
07 72 13 00-0199	EA		38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	946.37 60.65 155.29 -66.41 24.55 53.49	271.88
07 72 13 00-0200	EA		38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	971.18 63.13 160.25 19.22 118.45 145.32	271.88
07 72 13 00-0201	EA		38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,083.91 70.63 179.02 24.81 134.37 175.71	302.09
07 72 13 00-0202	EA		50" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	954.64 61.48 156.94 -68.96 21.99 44.73	271.88
07 72 13 00-0203	EA		50" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,098.39 72.08 181.92 -98.32 -25.97 44.30	302.09
07 72 13 00-0204	EA		51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,249.43 79.63 204.57 31.94 147.70 199.38	362.50
07 72 13 00-0205	EA		62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,050.84 67.32 172.41 25.43 93.64 172.20	302.09
07 72 13 00-0206	EA		62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,157.37 74.20 189.94 -120.03 -18.74 45.33	332.30
07 72 13 00-0207	EA		62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,292.84 83.97 213.25 37.83 139.12 242.48	362.50
07 72 13 00-0208			2 x 12 Wood Framed, Prefabricated Roof Curbs (07 72 13 00-0168)		
07 72 13 00-0209	EA		26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	802.63 50.05 130.32 -28.08 15.31 38.05	241.67
07 72 13 00-0210	EA		26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	896.76 55.69 145.37 -42.13 30.21 44.68	271.88
07 72 13 00-0211	EA		26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	975.31 63.55 161.08 18.91 120.21 132.61	271.88
07 72 13 00-0212	EA		38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	991.85 65.20 164.39 19.22 118.45 145.32	271.88

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 72 Roof Accessories

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
07 72 13 00-0213	EA 38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,106.65 72.90 183.57 24.81 134.37 175.71	302.09
07 72 13 00-0214	EA 50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	973.24 63.34 160.66 -68.96 21.99 44.73	271.88
07 72 13 00-0215	EA 50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,119.06 74.14 186.05 -98.32 -25.97 44.30	302.09
07 72 13 00-0216	EA 51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,274.23 82.11 209.53 31.94 147.70 199.38	362.50
07 72 13 00-0217	EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,173.91 75.85 193.24 -120.03 -18.74 45.33	332.30
07 72 13 00-0218	Wood Framed With Liner, Prefabricated Roof Curbs <small>(07 72 13 00-0167)</small>		
07 72 13 00-0219	2 x 6 Wood Framed With Liner, Prefabricated Roof Curbs <small>(07 72 13 00-0218)</small>		
07 72 13 00-0220	EA 26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	788.16 48.61 127.42 -28.08 15.31 38.05	241.67
07 72 13 00-0221	EA 26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	874.02 53.42 140.82 -42.13 30.21 44.68	271.88
07 72 13 00-0222	EA 26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	940.17 60.03 154.05 18.91 120.21 132.61	271.88
07 72 13 00-0223	EA 38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	925.70 58.59 151.16 -66.41 24.55 53.49	271.88
07 72 13 00-0224	EA 38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	944.30 60.45 154.88 19.22 118.45 145.32	271.88
07 72 13 00-0225	EA 38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,057.04 67.94 173.65 24.81 134.37 175.71	302.09
07 72 13 00-0226	EA 50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	936.03 59.62 153.22 -68.96 21.99 44.73	271.88
07 72 13 00-0227	EA 50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,073.58 69.60 176.95 -98.32 -25.97 44.30	302.09
07 72 13 00-0228	EA 51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,224.62 77.15 199.61 31.94 147.70 199.38	362.50

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0229	EA	62" x 62"	Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,038.44 66.08 169.93 25.43 93.64 172.20	302.09
07 72 13 00-0230	EA	62-3/8" x 74-3/8"	Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,136.70 72.13 185.80 -120.03 -18.74 45.33	332.30
07 72 13 00-0231	EA	62" x 98"	Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,272.16 81.90 209.12 37.83 139.12 242.48	362.50
07 72 13 00-0232			2 x 8 Wood Framed With Liner, Prefabricated Roof Curbs (07 72 13 00-0218)		
07 72 13 00-0233	EA	26" x 26"	Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	802.63 50.05 130.32 -28.08 15.31 38.05	241.67
07 72 13 00-0234	EA	26" x 50"	Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	890.55 55.07 144.13 -42.13 30.21 44.68	271.88
07 72 13 00-0235	EA	26" x 98"	Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	964.97 62.51 159.01 18.91 120.21 132.61	271.88
07 72 13 00-0236	EA	38" x 62"	Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	950.50 61.07 156.12 -66.41 24.55 53.49	271.88
07 72 13 00-0237	EA	38" x 74"	Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	977.38 63.75 161.49 19.22 118.45 145.32	271.88
07 72 13 00-0238	EA	38" x 98"	Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,094.25 71.66 181.09 24.81 134.37 175.71	302.09
07 72 13 00-0239	EA	50" x 50"	Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	964.97 62.51 159.01 -68.96 21.99 44.73	271.88
07 72 13 00-0240	EA	50" x 74"	Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,108.72 73.11 183.98 -98.32 -25.97 44.30	302.09
07 72 13 00-0241	EA	51" x 99"	Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,263.90 81.08 207.47 31.94 147.70 199.38	362.50
07 72 13 00-0242	EA	62" x 62"	Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,065.31 68.77 175.30 25.43 93.64 172.20	302.09
07 72 13 00-0243	EA	62-3/8" x 74-3/8"	Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,167.70 75.23 192.00 -120.03 -18.74 45.33	332.30

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 72 Roof Accessories

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
07 72 13 00-0244	EA	62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,307.31	362.50	
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	85.42		
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	216.15		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	37.83		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	139.12		
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	242.48		
07 72 13 00-0245		2 x 10 Wood Framed With Liner, Prefabricated Roof Curbs <small>(07 72 13 00-0218)</small>			
07 72 13 00-0246	EA	26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	815.03	241.67	
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	51.29		
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	132.80		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-28.08		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	15.31		
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	38.05		
07 72 13 00-0247	EA	26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	907.09	271.88	
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	56.72		
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	147.43		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-42.13		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	30.21		
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	44.68		
07 72 13 00-0248	EA	26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	989.78	271.88	
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	64.99		
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	163.97		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	18.91		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	120.21		
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	132.61		
07 72 13 00-0249	EA	38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	969.11	271.88	
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	62.93		
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	159.84		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-66.41		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	24.55		
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	53.49		
07 72 13 00-0250	EA	38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,002.18	271.88	
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	66.23		
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	166.45		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	19.22		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	118.45		
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	145.32		
07 72 13 00-0251	EA	38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,121.12	302.09	
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	74.35		
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	186.46		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	24.81		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	134.37		
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	175.71		
07 72 13 00-0252	EA	50" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	983.58	271.88	
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	64.37		
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	162.73		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-68.96		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	21.99		
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	44.73		
07 72 13 00-0253	EA	50" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,131.46	302.09	
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	75.38		
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	188.53		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-98.32		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-25.97		
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	44.30		
07 72 13 00-0254	EA	51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,288.70	362.50	
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	83.56		
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	212.43		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	31.94		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	147.70		
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	199.38		
07 72 13 00-0255	EA	62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,085.98	302.09	
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	70.84		
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	179.43		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	25.43		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	93.64		
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	172.20		
07 72 13 00-0256	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,190.44	332.30	
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	77.51		
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	196.55		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-120.03		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-18.74		
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	45.33		
07 72 13 00-0257	EA	62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,334.18	362.50	
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	88.10		
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	221.52		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	37.83		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	139.12		
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	242.48		
07 72 13 00-0258		2 x 12 Wood Framed With Liner, Prefabricated Roof Curbs <small>(07 72 13 00-0218)</small>			
07 72 13 00-0259	EA	26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	839.84	241.67	
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	53.78		
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	137.76		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-28.08		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	15.31		
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	38.05		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0260	EA		26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	919.50 57.97 149.92 -42.13 30.21 44.68	271.88
07 72 13 00-0261	EA		26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,008.38 66.85 167.69 18.91 120.21 132.61	271.88
07 72 13 00-0262	EA		38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,022.86 68.30 170.59 19.22 118.45 145.32	271.88
07 72 13 00-0263	EA		38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,199.68 82.21 202.17 24.81 134.37 175.71	302.09
07 72 13 00-0264	EA		50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,043.53 70.37 174.72 -68.96 21.99 44.73	271.88
07 72 13 00-0265	EA		50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,203.81 82.62 203.00 -98.32 -25.97 44.30	302.09
07 72 13 00-0266	EA		51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,371.39 91.83 228.96 31.94 147.70 199.38	362.50
07 72 13 00-0267	EA		62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,266.93 85.16 211.85 -120.03 -18.74 45.33	332.30

07 72 23 Relief Vents (07 72)

07 72 23 00-0001 Wind Driven Turbine Ventilators (07 72 23)
Note: Excludes curb or flange base.

07 72 23 00-0002 Galvanized Steel, Wind Driven Turbine Ventilators (07 72 23 00-0001)

07 72 23 00-0003	EA		6" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator <i>For Curb Or Flange Base, Add</i>	167.61 186.49	33.29
07 72 23 00-0004	EA		9" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator <i>For Curb Or Flange Base, Add</i>	201.32 204.95	36.87
07 72 23 00-0005	EA		12" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator <i>For Curb Or Flange Base, Add</i>	217.10 227.97	44.00
07 72 23 00-0006	EA		15" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator <i>For Curb Or Flange Base, Add</i>	418.86 367.43	48.75
07 72 23 00-0007	EA		18" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator <i>For Curb Or Flange Base, Add</i>	577.59 397.93	54.70
07 72 23 00-0008	EA		21" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator <i>For Curb Or Flange Base, Add</i>	697.25 431.98	59.45
07 72 23 00-0009	EA		24" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator <i>For Curb Or Flange Base, Add</i>	891.15 529.19	66.59
07 72 23 00-0010	EA		36" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator <i>For Curb Or Flange Base, Add</i>	1,473.34 868.43	89.18

07 72 23 00-0011 Mill Finish Aluminum, Wind Driven Turbine Ventilators (07 72 23 00-0001)

07 72 23 00-0012	EA		6" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator <i>For Curb Or Flange Base, Add</i>	159.34 190.56	33.29
07 72 23 00-0013	EA		9" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator <i>For Curb Or Flange Base, Add</i>	198.78 209.86	36.87
07 72 23 00-0014	EA		12" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator <i>For Curb Or Flange Base, Add</i>	222.53 232.71	44.00
07 72 23 00-0015	EA		15" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator <i>For Curb Or Flange Base, Add</i>	397.39 398.56	48.75
07 72 23 00-0016	EA		18" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator <i>For Curb Or Flange Base, Add</i>	513.09 425.88	54.70
07 72 23 00-0017	EA		21" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator <i>For Curb Or Flange Base, Add</i>	649.44 479.95	59.45
07 72 23 00-0018	EA		24" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator <i>For Curb Or Flange Base, Add</i>	877.40 579.83	66.59

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 72 Roof Accessories

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
07 72 23 00-0019	EA 36" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator..... <i>For Curb Or Flange Base, Add</i>	1,307.27 871.98	89.18
07 72 23 00-0020	Stationary Siphon Ventilators (07 72 23) Note: Excludes curb or flange base.		
07 72 23 00-0021	Galvanized Steel, Stationary Siphon Ventilators (07 72 23 00-0020)		
07 72 23 00-0022	EA 6" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator..... <i>For Curb Or Flange Base, Add</i>	141.25 186.49	33.29
07 72 23 00-0023	EA 9" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator..... <i>For Curb Or Flange Base, Add</i>	186.25 204.95	36.87
07 72 23 00-0024	EA 12" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator..... <i>For Curb Or Flange Base, Add</i>	204.74 227.97	44.00
07 72 23 00-0025	EA 15" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator..... <i>For Curb Or Flange Base, Add</i>	351.23 367.43	48.75
07 72 23 00-0026	EA 18" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator..... <i>For Curb Or Flange Base, Add</i>	406.42 397.93	54.70
07 72 23 00-0027	EA 21" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator..... <i>For Curb Or Flange Base, Add</i>	576.28 431.98	59.45
07 72 23 00-0028	EA 24" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator..... <i>For Curb Or Flange Base, Add</i>	750.95 529.19	66.59
07 72 23 00-0029	EA 36" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator..... <i>For Curb Or Flange Base, Add</i>	1,088.74 868.43	89.18
07 72 23 00-0030	Mill Finish Aluminum, Stationary Siphon Ventilators (07 72 23 00-0020)		
07 72 23 00-0031	EA 6" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator..... <i>For Curb Or Flange Base, Add</i>	153.13 190.56	33.29
07 72 23 00-0032	EA 9" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator..... <i>For Curb Or Flange Base, Add</i>	202.49 209.86	36.87
07 72 23 00-0033	EA 12" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator..... <i>For Curb Or Flange Base, Add</i>	225.65 232.77	44.00
07 72 23 00-0034	EA 15" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator..... <i>For Curb Or Flange Base, Add</i>	368.16 398.56	48.75
07 72 23 00-0035	EA 18" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator..... <i>For Curb Or Flange Base, Add</i>	463.43 425.88	54.70
07 72 23 00-0036	EA 21" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator..... <i>For Curb Or Flange Base, Add</i>	568.72 479.95	59.45
07 72 23 00-0037	EA 24" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator..... <i>For Curb Or Flange Base, Add</i>	815.34 579.83	66.59
07 72 23 00-0038	EA 36" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator..... <i>For Curb Or Flange Base, Add</i>	1,227.94 871.98	89.18
07 72 23 00-0039	Spun Aluminum, Stationary Mushroom Gravity Ventilators (07 72 23) Note: Includes flange base and bird screen. Excludes curb.		
07 72 23 00-0040	EA 8" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator..... <i>For Backdraft Damper, Add</i> <i>For Curb Base, Add</i>	310.88 168.58 245.21	53.51
07 72 23 00-0041	EA 10" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator..... <i>For Backdraft Damper, Add</i> <i>For Curb Base, Add</i>	384.65 184.44 268.16	59.45
07 72 23 00-0042	EA 12" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator..... <i>For Backdraft Damper, Add</i> <i>For Curb Base, Add</i>	434.20 251.87 340.43	71.35
07 72 23 00-0043	EA 16" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator..... <i>For Backdraft Damper, Add</i> <i>For Curb Base, Add</i>	531.38 287.57 394.91	78.48
07 72 23 00-0044	EA 24" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator..... <i>For Backdraft Damper, Add</i> <i>For Curb Base, Add</i>	1,435.67 360.95 519.57	107.02
07 72 23 00-0045	EA 30" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator..... <i>For Backdraft Damper, Add</i> <i>For Curb Base, Add</i>	1,754.94 426.40 621.55	123.67
07 72 23 00-0046	EA 36" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator..... <i>For Backdraft Damper, Add</i> <i>For Curb Base, Add</i>	2,397.49 426.40 645.17	142.69
07 72 23 00-0047	EA 42" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator..... <i>For Backdraft Damper, Add</i> <i>For Curb Base, Add</i>	3,381.15 446.23 667.87	154.59
07 72 23 00-0048	EA 48" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator..... <i>For Backdraft Damper, Add</i> <i>For Curb Base, Add</i>	4,878.48 495.81 752.04	166.48
07 72 23 00-0049	Galvanized Steel, Stationary Gooseneck Ventilators (07 72 23) Note: Includes flange base and bird screen. Excludes curb.		
07 72 23 00-0050	EA 8" x 8", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator.....	589.83	59.45
07 72 23 00-0051	EA 12" x 12", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator.....	689.39	78.48
07 72 23 00-0052	EA 16" x 16", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator.....	994.28	107.02
07 72 23 00-0053	EA 24" x 24", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator.....	1,555.03	123.67
07 72 26 Ridge Vents (07 72)			
07 72 26 00-0001	Aluminum Ridge Vents (07 72 26)		
07 72 26 00-0002	LF Aluminum Ridge Vent Strips.....	14.80	3.45

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 26 00-0003	EA	Aluminum Ridge Univent Connectors	55.40	21.44
07 72 26 00-0004	EA	Aluminum Ridge Univent End Cap	51.09	21.44
07 72 26 00-0005		Galvanized Ridge Vents (07 72 26)		
07 72 26 00-0006	LF	Galvanized Sheet Metal Ridge Vent Strips	14.71	3.69
07 72 29		Rafter Vent (07 72)		
07 72 29 00-0001		Rafter Vent (07 72 29)		
		Note: Built-in baffle is designed to help keep air flowing freely from soffits to ridge vents.		
07 72 29 00-0002	EA	22" x 4' Rafter Vent	10.72	
07 72 29 00-0003	EA	14" x 4' Rafter Vent	9.69	
07 72 33		Roof Hatches (07 72)		
		Note: Includes curb with integral insulation, lockable hatch and gaskets.		
07 72 33 00-0001		Galvanized Steel Cover And Curb (07 72 33)		
07 72 33 00-0002	EA	2'-6" x 3'-0" Galvanized Steel Roof Hatch (Bilco S-20)	1,264.53	150.50
07 72 33 00-0003	EA	2'-6" x 4'-6" Galvanized Steel Roof Hatch (Bilco NB-20)	1,855.80	167.22
07 72 33 00-0004	EA	2'-6" x 8'-0" Galvanized Steel Roof Hatch (Bilco L-20)	3,277.21	228.06
07 72 33 00-0005	EA	3'-0" x 3'-0" Galvanized Steel Roof Hatch (Bilco E-20)	1,829.11	167.22
07 72 33 00-0006	EA	4'-0" x 4'-0" Galvanized Steel Roof Hatch	2,064.20	185.83
07 72 33 00-0007	EA	3'-0" x 8'-0" Galvanized Steel Roof Hatch	3,386.81	253.46
07 72 33 00-0008		Aluminum Cover And Curb (07 72 33)		
07 72 33 00-0009	EA	2'-6" x 3'-0" Aluminum Roof Hatch (Bilco S-50)	1,266.70	150.50
07 72 33 00-0010	EA	2'-6" x 4'-6" Aluminum Roof Hatch (Bilco NB-50)	1,649.44	167.22
07 72 33 00-0011	EA	2'-6" x 8'-0" Aluminum Roof Hatch (Bilco L-50)	3,006.13	228.06
07 72 33 00-0012	EA	3'-0" x 3'-0" Aluminum Roof Hatch (Bilco E-50)	1,614.71	167.22
07 72 33 00-0013	EA	4'-0" x 4'-0" Aluminum Roof Hatch (Bilco F-50)	2,889.56	185.83
07 72 33 00-0014	EA	3'-0" x 8'-0" Aluminum Roof Hatch	3,169.49	253.46
07 72 33 00-0015	EA	3'-0" x 2'-6" Aluminum Roof Scuttle With Skylight (Bilco GS-50)	1,813.18	167.22
07 72 33 00-0016		Steel, Plain, Primed (07 72 33)		
07 72 33 00-0017	EA	2'-6" x 3'-0" Plain Steel Roof Hatch Primed (Bilco S-20)	1,212.59	150.50
07 72 33 00-0018	EA	2'-6" x 4'-6" Plain Steel Roof Hatch Primed (Bilco NB-20)	1,640.04	167.22
07 72 33 00-0019	EA	2'-6" x 8'-0" Plain Steel Roof Hatch Primed (Bilco L-20)	2,246.76	228.06
07 72 33 00-0020	EA	3'-0" x 3'-0" Plain Steel Roof Hatch Primed (Bilco E-20)	1,522.38	167.22
07 72 33 00-0021	EA	4'-0" x 4'-0" Plain Steel Roof Hatch Primed	1,866.32	185.83
07 72 33 00-0022	EA	3'-0" x 8'-0" Plain Steel Roof Hatch Primed	2,535.89	253.46
07 72 33 00-0023		Stainless Steel (07 72 33)		
07 72 33 00-0024	EA	2'-6" x 3'-0" Stainless Steel Roof Hatch (Bilco S-90)	2,904.55	150.50
07 72 33 00-0025	EA	2'-6" x 4'-6" Stainless Steel Roof Hatch (Bilco NB-90)	5,579.23	167.22
07 72 33 00-0026	EA	2'-6" x 8'-0" Stainless Steel Roof Hatch (Bilco L-90)	8,394.00	228.06
07 72 33 00-0027	EA	3'-0" x 3'-0" Stainless Steel Roof Hatch (Bilco E-90)	4,473.94	167.22
07 72 33 00-0028	EA	4'-0" x 4'-0" Stainless Steel Roof Hatch	9,482.81	185.83
07 72 33 00-0029	EA	3'-0" x 8'-0" Stainless Steel Roof Hatch	10,614.10	253.46
07 72 33 00-0030		Removal And Reinstallation Of Roof Hatch (07 72 33)		
		Note: Includes storage, cleaning and supply materials.		
07 72 33 00-0031	EA	Removal And Reinstallation Of Roof Hatch (All Types)	462.92	
07 72 33 00-0032		Aluminum Cover And Galvanized Steel Curb (07 72 33)		
07 72 33 00-0033	EA	Aluminum Cover, Galvanized Steel Curb 3'-0" x 2'-6" Roof (Bilco S-40)	1,226.51	167.22
07 72 33 00-0034	EA	Aluminum Cover, Galvanized Steel Curb 2'-6" x 4'-6" Roof (Bilco NB-40)	1,609.26	185.83
07 72 33 00-0035	EA	Aluminum Cover, Galvanized Steel Curb 2'-6" x 8'-0" Roof (Bilco L-40)	2,901.66	253.35
07 72 33 00-0036	EA	Aluminum Cover, Galvanized Steel Curb 3'-0" x 3'-0" Roof (Bilco E-40)	1,582.57	172.45
07 72 33 00-0037	EA	Aluminum Cover, Galvanized Steel Curb 4'-0" x 4'-0" Roof (Bilco F-40)	2,801.16	191.06
07 72 33 00-0038		Roof Hatch Accessories (07 72 33)		
07 72 33 00-0039	EA	Roof Hatch Ladderup Safety Post (Bilco LU-1)	788.13	78.39
07 72 33 00-0040		Roof Hatch Safety Railing (07 72 33)		
		Note: Included mounting bracket to attach to roof hatch		
07 72 33 00-0041	EA	24" x 24" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHR-24x24)	1,936.52	
07 72 33 00-0042	EA	24" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHR-24x36)	2,010.15	
07 72 33 00-0043	EA	30" x 30" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHR-30x30)	2,061.12	
07 72 33 00-0044	EA	30" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHR-30x36)	2,243.71	
07 72 33 00-0045	EA	36" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHR-36x36)	2,454.37	
07 72 33 00-0046	EA	48" x 48" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHR-48x48)	3,142.98	
07 72 36		Smoke Vents (07 72)		

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 72 36 00-0001	Fire Vent (07 72 36)		
07 72 36 00-0002	Galvanized Steel Covers And Curb (07 72 36 00-0001)		
07 72 36 00-0003	EA 4'-0" x 4'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4848)	3,296.11	139.42
07 72 36 00-0004	EA 4'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4872)	3,790.08	191.69
07 72 36 00-0005	EA 4'-0" x 7'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4890)	4,320.83	209.13
07 72 36 00-0006	EA 4'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4896)	4,405.76	219.59
07 72 36 00-0007	EA 5'-0" x 5'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6060)	5,115.95	191.69
07 72 36 00-0008	EA 5'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6072)	5,438.91	209.13
07 72 36 00-0009	EA 5'-0" x 7'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6084)	5,742.07	226.59
07 72 36 00-0010	EA 5'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6096)	6,539.96	244.05
07 72 36 00-0011	EA 5'-0" x 10'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-60120)	8,119.52	261.40
07 72 36 00-0012	EA 5'-6" x 5'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6666)	5,435.34	226.59
07 72 36 00-0013	EA 5'-6" x 12'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-66114)	11,450.44	278.85
07 72 36 00-0014	EA 6'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-7272)	6,262.15	296.30
07 72 36 00-0015	Aluminum Covers And Galvanized Steel Curb (07 72 36 00-0001)		
07 72 36 00-0016	EA 4'-0" x 4'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4848A)	2,812.89	139.42
07 72 36 00-0017	EA 4'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4872A)	3,220.79	191.69
07 72 36 00-0018	EA 4'-0" x 7'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4890A)	3,624.64	209.13
07 72 36 00-0019	EA 4'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4896A)	3,752.82	219.59
07 72 36 00-0020	EA 5'-0" x 5'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6060A)	3,646.73	191.69
07 72 36 00-0021	EA 5'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6072A)	4,661.36	209.13
07 72 36 00-0022	EA 5'-0" x 7'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6084A)	4,984.82	226.59
07 72 36 00-0023	EA 5'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6096A)	4,850.21	244.05
07 72 36 00-0024	EA 5'-0" x 10'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-60120A)	6,821.20	261.40
07 72 36 00-0025	EA 5'-6" x 5'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6666A)	4,703.54	226.59
07 72 36 00-0026	EA 5'-6" x 12'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-66114A)	8,952.94	278.85
07 72 36 00-0027	EA 6'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-7272A)	4,607.14	296.30
07 72 36 00-0028	Aluminum Covers And Curb (07 72 36 00-0001)		
07 72 36 00-0029	EA 4'-0" x 4'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4848B)	3,070.06	139.42
07 72 36 00-0030	EA 4'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4872B)	3,646.73	191.69
07 72 36 00-0031	EA 4'-0" x 7'-6" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4890B)	4,002.36	209.13
07 72 36 00-0032	EA 4'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4896B)	4,235.02	219.59
07 72 36 00-0033	EA 5'-0" x 5'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6060B)	3,839.61	191.69
07 72 36 00-0034	EA 5'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6072B)	4,862.28	209.13
07 72 36 00-0035	EA 5'-0" x 7'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6084B)	5,161.63	226.59
07 72 36 00-0036	EA 5'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6096B)	5,332.41	244.05
07 72 36 00-0037	EA 5'-0" x 10'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-60120B)	6,475.63	261.40
07 72 36 00-0038	EA 5'-6" x 5'-6" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6666B)	4,928.57	226.59
07 72 36 00-0039	EA 5'-6" x 12'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-66114B)	9,780.71	278.85
07 72 36 00-0040	EA 6'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-7272B)	5,089.33	296.30
07 72 36 00-0041	Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb (07 72 36)		
07 72 36 00-0042	EA 4'-0" x 4'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV4848B)	3,037.91	139.01
07 72 36 00-0043	EA 4'-0" x 6'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV4872B)	3,847.63	191.69
07 72 36 00-0044	EA 4'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV4896B)	4,066.24	219.59
07 72 36 00-0045	EA 5'-0" x 5'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV6060B)	4,370.02	191.69
07 72 36 00-0046	EA 5'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV6096B)	4,609.12	244.05
07 72 46	Roof Walkways (07 72)		
07 72 46 00-0001	Recycled Rubber Walkway Pads (07 72 46)		
07 72 46 00-0002	SF 3/8" Thick, Button Surface, Recycled Rubber Walkway Pad	11.94	2.85
	For Diamond Surface, Add	1.06	
07 72 46 00-0003	SF 1/2" Thick, Button Surface, Recycled Rubber Walkway Pad	13.32	3.42
	For Diamond Surface, Add	1.23	
07 72 46 00-0004	SF 3/4" Thick, Button Surface, Recycled Rubber Walkway Pad	14.73	3.42
	For Diamond Surface, Add	1.38	
07 72 53	Snow Guards (07 72)		
07 72 53 00-0001	Snow Guards For Shingle And Tile Roofs (07 72 53)		
07 72 53 00-0002	EA 6-5/8" Length, 1-1/2" Width, Copper Snow Guards For Shingle And Tile Roofs	23.85	2.92
07 72 53 00-0003	EA 6-5/8" Length, 1-1/2" Width, Lead Coated Copper Snow Guards For Shingle And Tile Roofs	26.11	2.92
07 72 53 00-0004	EA 6-5/8" Length, 1-1/2" Width, Stainless Steel Snow Guards For Shingle And Tile Roofs	24.62	2.92
07 72 53 00-0005	EA 6-5/8" Length, 1-1/2" Width, Aluminum Snow Guards For Shingle And Tile Roofs	14.17	2.92
07 72 53 00-0006	Snow Guards For Metal Roofs (07 72 53)		
	Note: Aluminum construction.		
07 72 53 00-0007	EA Mill Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300)	26.50	4.26
07 72 53 00-0008	EA Black Primer Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300)	29.67	4.26

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 53 00-0009	EA		Bronze Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300)	44.66	4.26
07 72 53 00-0010	EA		Painted Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300).....	43.99	4.26
07 72 53 00-0011	EA		Mill Finish, Up To 1/2" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® AP 516)	40.91	4.97
07 72 53 00-0012	EA		Black Primer Finish, Up To 1/2" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® AP 516)	44.89	4.97
07 72 53 00-0013	EA		Painted Finish, Up To 1/2" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® AP 516).....	56.62	4.97
07 72 53 00-0014	EA		Mill Finish, Adhesive Surface Mount, Metal Roof Snow Guard (Berger Real Tool® SM)	23.16	3.72
			<i>For Mechanically Fastened, Add</i>	7.45	
07 72 53 00-0015	EA		Black Primer Finish, Adhesive Surface Mount, Metal Roof Snow Guard (Berger Real Tool® SM)	26.45	3.72
			<i>For Mechanically Fastened, Add</i>	7.45	
07 72 53 00-0016	EA		Painted Finish, Adhesive Surface Mount, Metal Roof Snow Guard (Berger Real Tool® SM)	37.63	3.72
			<i>For Mechanically Fastened, Add</i>	7.45	
07 72 53 00-0017	EA		Polycarbonate, Adhesive Surface Mount, Metal Roof Snow Guard (Zaleski #15)	12.70	3.72
			Note: Can be used for metal, rubber, PVC, TPO or glass roofing.		
			<i>For Mechanically Fastened, Add</i>	9.93	
07 72 53 00-0018			Snow Breaker For Roofs (07 72 53)		
07 72 53 00-0019	EA		Up To 50 Each, 2.875" Tall Plastic Snow Breaker, Adhesive Mount	16.60	4.97
07 72 53 00-0020	EA		>50 To 150 Each, 2.875" Tall Plastic Snow Breaker, Adhesive Mount.....	15.52	4.97
07 72 53 00-0021	EA		>150 To 500 Each, 2.875" Tall Plastic Snow Breaker, Adhesive Mount.....	14.98	4.97
07 72 53 00-0022	EA		>500 Each, 2.875" Tall Plastic Snow Breaker, Adhesive Mount.....	14.33	4.97
07 72 53 00-0023			Ice Breaker For Vents (07 72 53)		
07 72 53 00-0024	EA		Ice Breaker For Vents Up to 4", Mechanically Fastened.....	140.30	
07 72 53 00-0025	EA		Ice Breaker For Vents And Stacks >4" To 14" Diameter, Mechanically Fastened	161.21	
07 72 53 00-0026			Pipe Style, Snow Guards For Metal Roofs (07 72 53)		
07 72 53 00-0027			Pipe Style, Standing Seam Metal Roof Snow Guard Clamps (07 72 53 00-0026)		
			Note: Aluminum construction. Includes clamp for attaching to standing seam. Excludes tubing.		
07 72 53 00-0028	EA		Single Tube, "U" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 2000).....	64.28	14.89
07 72 53 00-0029	EA		Single Tube, "T2 or Z2K" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 2000).....	77.57	14.89
07 72 53 00-0030	EA		Double Tube, "U" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 4000)	88.18	14.89
07 72 53 00-0031	EA		Double Tube, "T2K or Z2K" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 4000)	111.01	14.89
07 72 53 00-0032	EA		Triple Tube, "U" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 6000).....	113.51	17.87
07 72 53 00-0033			Tubing For Snow Guard Clamps (07 72 53 00-0026)		
07 72 53 00-0034	LF		1" Outside Diameter Aluminum Tubing For Snow Guard Clamps (Alpine SnowGuards®).....	13.11	3.57
			Note: Includes end caps, collars and couplings.		
07 72 53 00-0035	LF		1" Outside Diameter Brass Or Stainless Steel Tubing For Snow Guard Clamps (Alpine SnowGuards®).....	27.22	3.57
			Note: Includes end caps, collars and couplings.		
07 72 56			Snow/Ice Melt Cable (07 72)		
07 72 56 00-0001			Self Regulating Heating Cable For Roofs And Gutters (07 72 56)		
07 72 56 00-0002	LF		12 Watt, 120 Volt, Self Regulating Low Temperature Cable For Roofs And Gutters.....	16.36	1.14
			Note: Nickel-coated copper braided cable with weatherproof jacket.		
07 72 56 00-0003	LF		12 Watt, 208/277 Volt Self Regulating Low Temperature Cable For Roofs And Gutters	17.60	1.14
			Note: Nickel-coated copper braided cable with weatherproof jacket.		
07 72 56 00-0004	EA		Power Connection, End Seal And Warning Labels Kit For Self Regulating Heating Cable For Roofs And Gutters.....	242.85	85.85
07 72 56 00-0005	EA		Splice Kit For Self Regulating Heating Cable For Roofs And Gutters.....	185.77	62.96
07 72 56 00-0006	EA		Edge Of Roof Cable Clips For Self Regulating Heating Cable For Roofs And Gutters.....	9.02	3.43
			<i>For >5, Deduct</i>	-0.69	
07 72 56 00-0007	EA		Roof Cable Clips For Self Regulating Heating Cable For Roofs And Gutters.....	8.45	3.43
			<i>For >5, Deduct</i>	-0.63	
07 72 56 00-0008	EA		Downspout Hanger Kit For Self Regulating Heating Cable For Roofs And Gutters	62.69	8.59
07 72 56 00-0009	EA		120 Volt AC, Snow Switch, Automatic Control For Melting Snow	1,029.65	68.68
07 72 56 00-0010	EA		Automatic Gutter Ice Melting Control.....	1,414.14	85.85
07 72 63			Waste Containment Assemblies (07 72)		
07 72 63 00-0001			Rooftop Oil And Grease Containment System (07 72 63)		
07 72 63 00-0002			Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD-E) (07 72 63 00-0001)		
07 72 63 00-0003	EA		48" Length, 48" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD100-E).....	3,012.83	234.03
07 72 63 00-0004	EA		60" Length, 60" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD101-E).....	3,366.65	234.03
07 72 63 00-0005	EA		60" Length, 90" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD106-E).....	4,129.03	243.39
07 72 63 00-0006	EA		72" Length, 72" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD102-E).....	4,108.80	243.39
07 72 63 00-0007	EA		72" Length, 108" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD103-E).....	5,365.62	263.28
07 72 63 00-0008	EA		72" Length, 144" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD111-E).....	4,187.54	263.28
07 72 63 00-0009	EA		90" Length, 90" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD105-E).....	4,667.51	311.96

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 72 Roof Accessories

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 72 63 00-0010	EA	108" Length, 108" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD112-E).....	6,873.43	390.00
07 72 63 00-0011	EA	120" Length, 120" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD107-E).....	8,531.83	390.00
07 72 63 00-0012	EA	144" Length, 144" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD113-E).....	10,807.08	390.00
07 72 63 00-0013		Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD) (07 72 63 00-0001)		
07 72 63 00-0014	EA	48" Length, 48" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD100).....	3,705.41	234.03
07 72 63 00-0015	EA	60" Length, 60" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD101).....	4,165.54	234.03
07 72 63 00-0016	EA	60" Length, 90" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD106).....	5,145.32	243.39
07 72 63 00-0017	EA	72" Length, 72" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD102).....	5,236.35	243.39
07 72 63 00-0018	EA	72" Length, 108" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD103).....	7,474.02	263.28
07 72 63 00-0019	EA	72" Length, 144" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD111).....	8,197.05	263.28
07 72 63 00-0020	EA	90" Length, 90" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD105).....	7,620.28	311.96
07 72 63 00-0021	EA	108" Length, 108" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD112).....	8,582.39	390.00
07 72 63 00-0022	EA	120" Length, 120" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD107).....	10,741.34	390.00
07 72 63 00-0023	EA	144" Length, 144" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD113).....	13,699.16	390.00
07 72 63 00-0024		Replacement Filter Sets For Rooftop Oil And Grease Containment System (07 72 63)		
		Note: Includes removing old filters and installing new filters.		
07 72 63 00-0025		Top And Center Replacement Filter Sets For Rooftop Oil And Grease Containment System (07 72 63 00-0024)		
07 72 63 00-0026		Light Duty, Top And Center Replacement Filter Sets For Rooftop Oil And Grease Containment System (07 72 63 00-0025)		
07 72 63 00-0027	SET	48" Length, 48" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-E).....	248.25	
07 72 63 00-0028	SET	60" Length, 60" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-E).....	349.38	
07 72 63 00-0029	SET	60" Length, 90" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-E).....	501.05	
07 72 63 00-0030	SET	72" Length, 72" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-E).....	462.20	
07 72 63 00-0031	SET	72" Length, 108" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-E).....	866.70	
07 72 63 00-0032	SET	72" Length, 144" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-E).....	876.80	
07 72 63 00-0033	SET	90" Length, 90" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-E).....	676.15	
07 72 63 00-0034	SET	108" Length, 108" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-E).....	878.40	
07 72 63 00-0035	SET	120" Length, 120" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-E).....	1,287.94	
07 72 63 00-0036	SET	144" Length, 144" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-E).....	1,697.49	
07 72 63 00-0037		Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System (07 72 63 00-0024)		
07 72 63 00-0038		Light Duty, Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System (07 72 63 00-0037)		
07 72 63 00-0039	SET	48" Length, 48" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-EC).....	518.60	
07 72 63 00-0040	SET	60" Length, 60" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-EC).....	690.52	
07 72 63 00-0041	SET	60" Length, 90" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-EC).....	1,004.00	
07 72 63 00-0042	SET	72" Length, 72" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-EC).....	934.80	
07 72 63 00-0043	SET	72" Length, 108" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-EC).....	1,799.40	
07 72 63 00-0044	SET	72" Length, 144" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-EC).....	1,809.50	
07 72 63 00-0045	SET	90" Length, 90" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-EC).....	1,340.87	
07 72 63 00-0046	SET	108" Length, 108" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-EC).....	1,811.10	
07 72 63 00-0047	SET	120" Length, 120" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-EC).....	2,655.46	
07 72 63 00-0048	SET	144" Length, 144" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-EC).....	3,535.23	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 72 63 00-0049	Heavy Duty, Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System (07 72 63 00-0037)		
07 72 63 00-0050	SET 48" Length, 48" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-C).....	645.01	
07 72 63 00-0051	SET 60" Length, 60" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-C).....	801.75	
07 72 63 00-0052	SET 60" Length, 90" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-C).....	1,175.90	
07 72 63 00-0053	SET 72" Length, 72" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-C).....	1,111.77	
07 72 63 00-0054	SET 72" Length, 108" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-C).....	2,168.49	
07 72 63 00-0055	SET 72" Length, 144" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-C).....	2,158.38	
07 72 63 00-0056	SET 90" Length, 90" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-C).....	1,573.47	
07 72 63 00-0057	SET 108" Length, 108" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-C).....	2,180.19	
07 72 63 00-0058	SET 120" Length, 120" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-C).....	3,059.96	
07 72 63 00-0059	SET 144" Length, 144" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-C).....	4,258.26	

07 72 73 Vegetated Roof Systems (07 72)

07 72 73 00-0001	Garden Roof System (07 72 73)		
	Note: Excludes walkway pavers, shrubs and plants. See CSI section 32 92 00 00-0000 for turf and grasses, 32 93 00 00-0000 for plants.		

07 72 73 00-0002	Fluid Applied Polyurethane (WhiteKnight) Waterproofing (07 72 73 00-0001)		
	Note: Includes pressure wash, primer, base coat, polyester reinforcement, top coat and finish coat.		
07 72 73 00-0003	SF Up To 250 SF Fluid Applied Polyurethane Waterproofing	8.50	
07 72 73 00-0004	SF >250 To 500 SF Fluid Applied Polyurethane Waterproofing	8.30	
07 72 73 00-0005	SF >500 To 2,500 SF Fluid Applied Polyurethane Waterproofing	8.00	
07 72 73 00-0006	SF >2,500 To 5,000 SF Fluid Applied Polyurethane Waterproofing	7.70	
07 72 73 00-0007	SF >5,000 To 10,000 SF Fluid Applied Polyurethane Waterproofing	7.40	
07 72 73 00-0008	SF >10,000 To 25,000 SF Fluid Applied Polyurethane Waterproofing	7.10	
07 72 73 00-0009	SF >25,000 To 50,000 SF Fluid Applied Polyurethane Waterproofing	6.80	
07 72 73 00-0010	SF >50,000 SF Fluid Applied Polyurethane Waterproofing	6.50	

07 72 73 00-0011	Filterdrain (Greenshield Filterdrain) (07 72 73 00-0001)		
07 72 73 00-0012	SF Up To 250 SF Filterdrain	3.00	
07 72 73 00-0013	SF >250 To 500 SF Filterdrain	2.80	
07 72 73 00-0014	SF >500 To 2,500 SF Filterdrain	2.60	
07 72 73 00-0015	SF >2,500 To 5,000 SF Filterdrain	2.40	
07 72 73 00-0016	SF >5,000 To 10,000 SF Filterdrain	2.20	
07 72 73 00-0017	SF >10,001 To 25,000 SF Filterdrain	2.10	
07 72 73 00-0018	SF >25,000 To 50,000 SF Filterdrain	2.05	
07 72 73 00-0019	SF >50,000 SF Filterdrain	2.00	

07 72 73 00-0020	Soil (Greenshield Oasis) (07 72 73 00-0001)		
07 72 73 00-0021	SF Up To 250 SF Growing Media / Engineered Soil, 1" Depth	1.00	
07 72 73 00-0022	SF >250 To 500 SF Growing Media / Engineered Soil, 1" Depth	0.85	
07 72 73 00-0023	SF >500 To 2,500 SF Growing Media / Engineered Soil, 1" Depth	0.70	
07 72 73 00-0024	SF >2,500 To 5,000 SF Growing Media / Engineered Soil, 1" Depth	0.70	
07 72 73 00-0025	SF >5,000 To 10,000 SF Growing Media / Engineered Soil, 1" Depth	0.55	
07 72 73 00-0026	SF >10,000 To 25,000 SF Growing Media / Engineered Soil, 1" Depth	0.50	
07 72 73 00-0027	SF >25,000 To 50,000 SF Growing Media / Engineered Soil, 1" Depth	0.45	
07 72 73 00-0028	SF >50,000 SF Growing Media / Engineered Soil, 1" Depth	0.40	

07 72 73 00-0029	Irrigation Topical And Controls (07 72 73 00-0001)		
07 72 73 00-0030	SF Up To 250 SF Irrigation Topical	15.00	
07 72 73 00-0031	SF >250 To 500 SF Irrigation Topical	14.75	
07 72 73 00-0032	SF >500 To 2,500 SF Irrigation Topical	9.50	
07 72 73 00-0033	SF >2,500 To 5,000 SF Irrigation Topical	7.50	
07 72 73 00-0034	SF >5,000 To 10,000 SF Irrigation Topical	5.50	
07 72 73 00-0035	SF >10,000 To 25,000 SF Irrigation Topical	3.50	
07 72 73 00-0036	SF >25,000 To 50,000 SF Irrigation Topical	2.50	
07 72 73 00-0037	SF >50,000 SF Irrigation Topical	2.00	

07 73 Roof Protection Board (07 70)

07 73 00 00-0001	Roof Protection Board (07 73)		
	Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements.		
07 73 00 00-0002	Cold Adhesive Applied, Roof Protection Board (Georgia-Pacific DensDeck®) (07 73 00 00-0001)		

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 73 Roof Protection Board

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
07 73 00 00-0003	SF 1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®).....	3.97	0.58
	<i>For No Adhesive, Deduct</i>	-0.88	
07 73 00 00-0004	SF 1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®).....	4.48	0.64
	<i>For No Adhesive, Deduct</i>	-0.91	
07 73 00 00-0005	SF 5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®).....	4.73	0.70
	<i>For No Adhesive, Deduct</i>	-0.93	
07 73 00 00-0006	SF 1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime).....	4.02	0.58
	<i>For No Adhesive, Deduct</i>	-0.88	
07 73 00 00-0007	SF 1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime).....	4.56	0.64
	<i>For No Adhesive, Deduct</i>	-0.91	
07 73 00 00-0008	SF 5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime).....	4.81	0.70
	<i>For No Adhesive, Deduct</i>	-0.93	
07 73 00 00-0009 Hot-Mopped, Roof Protection Board (Georgia-Pacific DensDeck®) (07 73 00 00-0001)			
07 73 00 00-0010	SF 1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®).....	3.81	0.58
07 73 00 00-0011	SF 1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®).....	4.36	0.64
07 73 00 00-0012	SF 5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®).....	4.61	0.70
07 73 00 00-0013	SF 1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime).....	3.87	0.58
07 73 00 00-0014	SF 1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime).....	4.44	0.64
07 73 00 00-0015	SF 5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime).....	4.70	0.70
07 73 00 00-0016 Mechanically Fastened, Roof Protection Board (Georgia-Pacific DensDeck®) (07 73 00 00-0001)			
Note: Mechanically fastened to wood or steel.			
07 73 00 00-0017	SF 1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®).....	3.63	0.58
	<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.57	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.66	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.25	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.85	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.61	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.38	
07 73 00 00-0018	SF 1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®).....	4.14	0.64
	<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.57	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.75	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.25	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.85	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.70	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.38	
07 73 00 00-0019	SF 5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®).....	4.39	0.70
	<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.57	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.81	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.25	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.85	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.76	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.38	
07 73 00 00-0020	SF 1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime).....	3.69	0.58
	<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.57	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.66	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.25	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.85	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.61	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.38	
07 73 00 00-0021	SF 1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime).....	4.23	0.64
	<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.57	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.75	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.25	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.85	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.70	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.38	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 73 00 00-0022	SF		5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime).....	4.48	0.70
			<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.57	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.81	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.25	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.85	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.76	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.38	

07 76 Roof Pavers (07 70)

07 76 16 Roof Decking Pavers (07 76)

07 76 16 00-0001 Roof Pavers (07 76 16)

Note: For walkway application over roofing system.

07 76 16 00-0002	SF		Up To 100 SF, 2" Concrete Roof Paver.....	13.17	7.40
			<i>For 1-1/2" Thickness, Deduct</i>	-1.32	
			<i>For 2-1/2" Thickness, Add</i>	1.49	
			<i>For 3" Thickness, Add</i>	2.98	
07 76 16 00-0003	SF		>100 To 200 SF, 2" Concrete Roof Paver.....	11.85	5.58
			<i>For 1-1/2" Thickness, Deduct</i>	-1.19	
			<i>For 2-1/2" Thickness, Add</i>	1.35	
			<i>For 3" Thickness, Add</i>	2.70	
07 76 16 00-0004	SF		>200 To 400 SF, 2" Concrete Roof Paver.....	11.09	4.44
			<i>For 1-1/2" Thickness, Deduct</i>	-1.11	
			<i>For 2-1/2" Thickness, Add</i>	1.27	
			<i>For 3" Thickness, Add</i>	2.53	
07 76 16 00-0005	SF		>400 To 1,000 SF, 2" Concrete Roof Paver.....	10.62	3.87
			<i>For 1-1/2" Thickness, Deduct</i>	-1.06	
			<i>For 2-1/2" Thickness, Add</i>	1.21	
			<i>For 3" Thickness, Add</i>	2.42	
07 76 16 00-0006	SF		>1,000 SF, 2" Concrete Roof Paver.....	10.05	3.53
			<i>For 1-1/2" Thickness, Deduct</i>	-1.01	
			<i>For 2-1/2" Thickness, Add</i>	1.14	
			<i>For 3" Thickness, Add</i>	2.29	

07 76 16 00-0007 Roof Paver Pedestal (07 76 16)

07 76 16 00-0008	EA		2" To 3" High Adjustable Roof Paver Pedestal, 2" Base, 2" Top (Hanover Elevator).....	24.96	1.17
07 76 16 00-0009	EA		3" To 4-3/4" High Adjustable Roof Paver Pedestal, 3" Base, 3" Top (Hanover Elevator).....	26.13	1.17
07 76 16 00-0010	EA		4-3/4" To 7-3/4" High Adjustable Roof Paver Pedestal, 4" Base, 4" Top (Hanover Elevator).....	27.30	1.17
07 76 16 00-0011	EA		Adjustable Roof Paver Pedestal Coupler, Adds 2-1/2" To 4" (Hanover Elevator).....	13.88	1.17
07 76 16 00-0012	EA		Stay Bar, Used With Roof Paver Pedestals >16" High (Hanover Elevator).....	12.33	1.17
07 76 16 00-0013	EA		5/8" High Tab Roof Paver Pedestal (Hanover High Tab Pedestal).....	12.63	1.17
			Note: Stackable.		
07 76 16 00-0014	EA		1/16" And 1/8" Flexible Leveling Plates For Roof Paver Pedestal.....	7.11	1.17
			Note: Used with High Tab and Elevator pedestals.		
07 76 16 00-0015	EA		Roof Paver Leveling System, Twist To Adjust Pitch (Hanover Compensator).....	9.44	1.17
			Note: Each Compensator levels 1/8" of slope and are stackable. Used with High Tab and Elevator pedestals.		

07 76 19 Composite Insulation Concrete Protection Board (07 76)

Note: Manufactured by T. Clear Corp. 25 year warranty.

07 76 19 00-0001 Composite Insulation Concrete Protection Board (07 76 19)

Note: Manufactured by T. Clear Corp. 25 year warranty.

07 76 19 00-0002	SF		2" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF.....	5.88	
			<i>For 20 Year Warranty, Deduct</i>	-0.35	
			<i>For 15 Year Warranty, Deduct</i>	-0.70	
			<i>For 10 Year Warranty, Deduct</i>	-0.95	
			<i>For Winds >90 MPH To 120 MPH Warranty, Add</i>	0.10	
07 76 19 00-0003	SF		3" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF.....	7.67	
			<i>For 20 Year Warranty, Deduct</i>	-0.50	
			<i>For 15 Year Warranty, Deduct</i>	-1.00	
			<i>For 10 Year Warranty, Deduct</i>	-1.35	
			<i>For Winds >90 MPH To 120 MPH Warranty, Add</i>	0.10	
07 76 19 00-0004	SF		2" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF.....	9.02	
			<i>For 20 Year Warranty, Deduct</i>	-0.58	
			<i>For 15 Year Warranty, Deduct</i>	-1.16	
			<i>For 10 Year Warranty, Deduct</i>	-1.56	
			<i>For Winds >90 MPH To 120 MPH Warranty, Add</i>	0.10	
07 76 19 00-0005	SF		3" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF.....	10.90	
			<i>For 20 Year Warranty, Deduct</i>	-0.72	
			<i>For 15 Year Warranty, Deduct</i>	-1.45	
			<i>For 10 Year Warranty, Deduct</i>	-1.97	
			<i>For Winds >90 MPH To 120 MPH Warranty, Add</i>	0.10	

07 80 Fire and Smoke Protection (07)

07 81 Applied Fireproofing (07 80)

Note: Includes bonding agents as required.

07 81 16 Cementitious Fireproofing (07 81)

07 81 16 00-0001 Monokote Fireproofing (07 81 16)

07 Thermal And Moisture Protection**07 80 Fire and Smoke Protection****07 81 Applied Fireproofing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 81 16 00-0002	SF	Monokote Fireproofing For Ceiling/Decking, Per Inch Of Thickness.....	2.19	0.74
07 81 16 00-0003	SF	Monokote Fireproofing For Structural Steel, Per Inch Of Thickness.....	3.02	1.10
07 81 16 00-0004		Gunite Fireproofing (07 81 16)		
07 81 16 00-0005	SF	1" Thick, Non Reinforced, Gunite Fireproofing.....	3.84	0.74
07 81 16 00-0006	SF	1" Thick, Reinforced, Gunite Fireproofing.....	5.56	0.74
07 81 23		Intumescent Fireproofing (07 81)		
07 81 23 00-0001		Intumescent Thin Film Fireproofing (Albi Clad TF) (07 81 23)		
07 81 23 00-0002		Intumescent Thin Film Fireproofing For Beams (Albi Clad TF) (07 81 23 00-0001)		
		Note: Excludes primer.		
07 81 23 00-0003	SF	1 Hour, Intumescent Thin Film Fireproofing For Beams (Albi Clad TF)	16.87	
		For >10,000, Deduct	-1.62	
07 81 23 00-0004	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Beams (Albi Clad TF)	27.12	
		For >10,000, Deduct	-2.64	
07 81 23 00-0005		Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF) (07 81 23 00-0001)		
		Note: Excludes primer.		
07 81 23 00-0006	SF	1 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	10.95	
		For >10,000, Deduct	-1.02	
07 81 23 00-0007	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	24.29	
		For >10,000, Deduct	-2.35	
07 81 23 00-0008	SF	2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	55.00	
		For >10,000, Deduct	-5.42	
07 81 23 00-0009	SF	2-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	75.71	
		For >10,000, Deduct	-7.48	
07 81 23 00-0010	SF	3 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	96.45	
		For >10,000, Deduct	-9.55	
07 81 23 00-0011	SF	3-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	117.21	
		For >10,000, Deduct	-11.62	
07 81 23 00-0012		Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF) (07 81 23 00-0001)		
		Note: Excludes primer.		
07 81 23 00-0013	SF	1 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	22.13	
		For >10,000, Deduct	-2.14	
07 81 23 00-0014	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	41.15	
		For >10,000, Deduct	-4.04	
07 81 23 00-0015	SF	2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	65.32	
		For >10,000, Deduct	-6.45	
07 81 23 00-0016	SF	2-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	91.22	
		For >10,000, Deduct	-9.03	
07 81 23 00-0017	SF	3 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	115.40	
		For >10,000, Deduct	-11.45	
07 81 23 00-0018		Intumescent Thin Film Fireproofing (Albi Clad FP) (07 81 23)		
07 81 23 00-0019		Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP) (07 81 23 00-0018)		
		Note: Excludes primer.		
07 81 23 00-0020	SF	1 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	10.72	
		For >10,000, Deduct	-1.02	
07 81 23 00-0021	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	24.44	
		For >10,000, Deduct	-2.39	
07 81 23 00-0022	SF	2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	56.04	
		For >10,000, Deduct	-5.54	
07 81 23 00-0023	SF	2-1/2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	77.34	
		For >10,000, Deduct	-7.67	
07 81 23 00-0024	SF	3 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	98.67	
		For >10,000, Deduct	-9.80	
07 81 33		Mineral-Fiber Fireproofing (07 81)		
07 81 33 00-0001		Cellulose Fireproofing (07 81 33)		
07 81 33 00-0002	SF	Cellulose Fireproofing, Per Inch Of Thickness.....	2.66	0.74
07 84		Firestopping (07 80)		
07 84 13		Penetration Firestopping (07 84)		
07 84 13 16		Penetration Firestopping Devices (07 84 13)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 84 13 16-0001			Firestopping Systems For Cable Penetrations (07 84 13 16)		
07 84 13 16-0002			Intumescent Firestop Cable Sleeve For New Installations (07 84 13 16-0001)		
			Note: Includes putty, escutcheon plates, gaskets and bushings.		
07 84 13 16-0003	EA		1" Diameter Intumescent Firestop Sleeve (STI FS100).....	67.79	
07 84 13 16-0004	EA		2" Diameter Intumescent Firestop Sleeve (STI FS201).....	91.85	
07 84 13 16-0005	EA		4" Diameter Intumescent Firestop Sleeve (STI FS401).....	150.38	
07 84 13 16-0006			Intumescent Firestop Cable Pathway For New Or Existing Cable Installations (07 84 13 16-0001)		
			Note: Includes pathway, putty and wall/floor mounting plates.		
07 84 13 16-0007	EA		1-1/64" x 1-1/64" Intumescent Firestop Cable Pathway Through Up To 9" Thick Walls (STI EZD22).....	125.67	
07 84 13 16-0008	EA		3" x 3" Intumescent Firestop Cable Pathway Through Up To 9" Thick Walls (STI EZDP33FWS).....	221.72	
07 84 13 16-0009	EA		4" x 4-5/8" Intumescent Firestop Cable Pathway Through Up To 10" Thick Walls (STI EZDP44).....	407.52	
07 84 13 16-0010			3M Intumescent Firestopping Multi-Trade Pass Through Device (07 84 13 16)		
07 84 13 16-0011	EA		2-1/2" Square Opening, Intumescent Firestop Multi-Trade Pass Through Device (3M QP2.5SD).....	283.91	
07 84 13 16-0012	EA		4" Square Opening, Intumescent Firestop Multi-Trade Pass Through Device (3M QP4SD).....	262.65	
07 84 13 16-0013	EA		4" Diameter Intumescent Firestop Multi-Trade Pass Through Device (3M QP2.5SD).....	270.73	
07 84 13 16-0014			Intumescent Firestopping Pipe Collar (07 84 13 16)		
07 84 13 16-0015	EA		1-1/2" Intumescent Firestop Pipe Collar (3M ULTRAPPD1.5).....	41.71	11.61
07 84 13 16-0016	EA		2" Intumescent Firestop Pipe Collar (3M ULTRAPPD2.0).....	50.61	11.61
07 84 13 16-0017	EA		3" Intumescent Firestop Pipe Collar (3M ULTRAPPD3.0).....	58.97	12.77
07 84 13 16-0018	EA		4" Intumescent Firestop Pipe Collar (3M ULTRAPPD4.0).....	93.04	14.51
07 84 13 16-0019	EA		8" Intumescent Firestop Pipe Collar (Hilti CP644 8").....	464.48	17.41
07 84 13 16-0020	EA		10" Intumescent Firestop Pipe Collar (Hilti CP644 10").....	600.53	19.15
07 84 13 16-0021			Fire Rated Enclosures (Fire Rated Product Specialties Corp.) (07 84 13 16)		
			Note: Includes fasteners. Excludes additional perimeter caulk where required. See CSI section 07 84 43 00-0001 for perimeter sealant caulk where required.		
07 84 13 16-0022	EA		12.2" Wide x 20.2" Long x 9.5" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-12-20-9).....	167.46	
			Note: Used for recessed lighting, speakers, controls, valves, plumbing drain terminations, etc.		
07 84 13 16-0023	EA		15.2" Wide x 16.2" Long x 9.5" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-15-16-9).....	177.62	
			Note: Used for recessed lighting, speakers, controls, valves, plumbing drain terminations, etc.		
07 84 13 16-0024	EA		11.8" Wide x 19.8" Long x 9.12" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-12-20-9-EXH).....	350.18	
			Note: Includes 4" duct connector. For use with bathroom ventilation and exhaust fans.		
07 84 13 16-0025	EA		14.0" Wide x 14.0" Long x 3.2" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-14-14-3).....	222.30	
			Note: Used for shut-off valves, shower and tub valves, washer boxes, icemaker water feeds, speakers, controls, junction boxes, etc.		
07 84 13 16-0026			Intumescent Firestopping Wrap Strips (07 84 13 16)		
07 84 13 16-0027	LF		1/8" Thick, 1-1/2" Wide, Intumescent Firestopping Wrap Strip (STI SpecSeal SSW Series).....	6.86	
07 84 13 19			Penetration Firestopping Caulk (07 84 13)		
07 84 13 19-0001			Intumescent Firestopping For Sealing Pipe Penetrations (3M CP 25WB+) (07 84 13 19)		
			Note: Includes firestop caulk and batt for floor or ceiling penetration or one side of a wall penetration. 1/2" thick caulk for annular spaces 1" and less. 1" thick caulk for annular spaces 1-1/4" or more.		
07 84 13 19-0002	EA		1" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	23.45	
			For Intumescent Sealant For Plastic Pipe, Add	0.08	
07 84 13 19-0003	EA		1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	28.92	
			For Intumescent Sealant For Plastic Pipe, Add	0.40	
07 84 13 19-0004	EA		1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	28.66	
			For Intumescent Sealant For Plastic Pipe, Add	0.30	
07 84 13 19-0005	EA		1-1/2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	28.24	
			For Intumescent Sealant For Plastic Pipe, Add	0.13	
07 84 13 19-0006	EA		2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	33.57	
			For Intumescent Sealant For Plastic Pipe, Add	0.86	
07 84 13 19-0007	EA		2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	33.31	
			For Intumescent Sealant For Plastic Pipe, Add	0.76	
07 84 13 19-0008	EA		2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	32.89	
			For Intumescent Sealant For Plastic Pipe, Add	0.59	
07 84 13 19-0009	EA		2" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	32.23	
			For Intumescent Sealant For Plastic Pipe, Add	0.33	
07 84 13 19-0010	EA		2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	31.67	
			For Intumescent Sealant For Plastic Pipe, Add	0.10	
07 84 13 19-0011	EA		2-1/2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	40.85	
			For Intumescent Sealant For Plastic Pipe, Add	1.45	
07 84 13 19-0012	EA		2-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	40.60	
			For Intumescent Sealant For Plastic Pipe, Add	1.35	
07 84 13 19-0013	EA		2-1/2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	40.16	
			For Intumescent Sealant For Plastic Pipe, Add	1.18	
07 84 13 19-0014	EA		2-1/2" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	39.50	
			For Intumescent Sealant For Plastic Pipe, Add	0.91	
07 84 13 19-0015	EA		2-1/2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	38.95	
			For Intumescent Sealant For Plastic Pipe, Add	0.69	
07 84 13 19-0016	EA		2-1/2" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	37.62	
			For Intumescent Sealant For Plastic Pipe, Add	0.16	

07 Thermal And Moisture Protection**07 80 Fire and Smoke Protection****07 84 Firestopping**
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07 84 13 19-0017	EA	3" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	56.30	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	3.91	
07 84 13 19-0018	EA	3" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	51.71	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	2.07	
07 84 13 19-0019	EA	3" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	51.28	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	1.90	
07 84 13 19-0020	EA	3" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	50.62	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	1.64	
07 84 13 19-0021	EA	3" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	50.06	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	1.41	
07 84 13 19-0022	EA	3" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	48.73	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.88	
07 84 13 19-0023	EA	3" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	47.01	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.19	
07 84 13 19-0024	EA	4" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	76.19	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	7.21	
07 84 13 19-0025	EA	4" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	75.72	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	7.02	
07 84 13 19-0026	EA	4" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	74.96	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	6.72	
07 84 13 19-0027	EA	4" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	73.77	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	6.24	
07 84 13 19-0028	EA	4" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	72.76	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	5.84	
07 84 13 19-0029	EA	4" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	64.94	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	2.71	
07 84 13 19-0030	EA	4" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	63.23	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	2.03	
07 84 13 19-0031	EA	4" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	60.62	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.98	
07 84 13 19-0032	EA	6" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	123.03	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	16.64	
07 84 13 19-0033	EA	6" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	122.56	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	16.45	
07 84 13 19-0034	EA	6" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	121.80	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	16.15	
07 84 13 19-0035	EA	6" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	120.61	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	15.67	
07 84 13 19-0036	EA	6" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	119.61	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	15.27	
07 84 13 19-0037	EA	6" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	117.22	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	14.32	
07 84 13 19-0038	EA	6" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	114.12	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	13.08	
07 84 13 19-0039	EA	6" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	109.43	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	11.20	
07 84 13 19-0040	EA	6" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	91.75	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	4.13	
07 84 13 19-0041	EA	8" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	164.55	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	26.28	
07 84 13 19-0042	EA	8" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	159.85	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	24.40	
07 84 13 19-0043	EA	8" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	150.43	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	20.63	
07 84 13 19-0044	EA	8" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	111.99	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	5.25	
07 84 13 19-0045	EA	10" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	210.32	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	37.60	
07 84 13 19-0046	EA	10" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	182.37	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	26.42	
07 84 13 19-0047	EA	10" Diameter Hole With 8" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	133.02	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	6.68	

07 84 13 19-0048 Smoke, Noise And Infectious/Dust Control Sealant For Sealing Pipe Penetrations

(07 84 13 19)

Note: Includes sealant and fiberglass or mineral wool batt for floor, ceiling or wall penetrations.

07 84 13 19-0049	EA	1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	28.26	
07 84 13 19-0050	EA	1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	28.16	
07 84 13 19-0051	EA	1-1/2" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	28.02	
07 84 13 19-0052	EA	2" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	32.13	
07 84 13 19-0053	EA	2" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	32.03	
07 84 13 19-0054	EA	2" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	31.90	
07 84 13 19-0055	EA	2" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	31.70	
07 84 13 19-0056	EA	2" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	31.51	
07 84 13 19-0057	EA	2.5" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	38.47	
07 84 13 19-0058	EA	2.5" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	38.38	

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07 84 13 19-0059	EA		2.5" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	38.24	
07 84 13 19-0060	EA		2.5" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	38.03	
07 84 13 19-0061	EA		2.5" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	37.85	
07 84 13 19-0062	EA		2.5" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	37.40	
07 84 13 19-0063	EA		3" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	48.38	
07 84 13 19-0064	EA		3" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	48.29	
07 84 13 19-0065	EA		3" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	48.15	
07 84 13 19-0066	EA		3" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	47.94	
07 84 13 19-0067	EA		3" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	47.76	
07 84 13 19-0068	EA		3" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	47.31	
07 84 13 19-0069	EA		3" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	46.67	
07 84 13 19-0070	EA		4" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	61.60	
07 84 13 19-0071	EA		4" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	61.50	
07 84 13 19-0072	EA		4" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	61.37	
07 84 13 19-0073	EA		4" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	61.14	
07 84 13 19-0074	EA		4" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	60.93	
07 84 13 19-0075	EA		4" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	60.47	
07 84 13 19-0076	EA		4" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	59.90	
07 84 13 19-0077	EA		4" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	58.99	
07 84 13 19-0078	EA		6" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	89.36	
07 84 13 19-0079	EA		6" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	89.26	
07 84 13 19-0080	EA		6" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	89.13	
07 84 13 19-0081	EA		6" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	88.92	
07 84 13 19-0082	EA		6" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	88.74	
07 84 13 19-0083	EA		6" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	88.29	
07 84 13 19-0084	EA		6" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	87.65	
07 84 13 19-0085	EA		6" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	86.80	
07 84 13 19-0086	EA		6" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	84.94	
07 84 13 19-0087	EA		8" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	111.39	
07 84 13 19-0088	EA		8" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	110.53	
07 84 13 19-0089	EA		8" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	108.67	
07 84 13 19-0090	EA		8" Diameter Hole With 6" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	103.40	
07 84 13 19-0091	EA		10" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	134.24	
07 84 13 19-0092	EA		10" Diameter Hole With 6" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	128.97	
07 84 13 19-0093	EA		10" Diameter Hole With 8" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	122.00	

07 84 16 Annular Space Firestopping Protection (07 84)
07 84 16 00-0001 Intumescent Firestopping For Electrical Outlet Boxes (07 84 16)
07 84 16 00-0002 Intumescent Putty Pads For Wrapping Outlet Box Exteriors (07 84 16 00-0001)

07 84 16 00-0003	EA		1 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	37.40	
07 84 16 00-0004	EA		2 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	53.86	
07 84 16 00-0005	EA		3 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	56.18	
07 84 16 00-0006	EA		4 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	58.51	
07 84 16 00-0007	EA		5 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	60.84	
07 84 16 00-0008	EA		6 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	77.31	

07 84 16 00-0009 Intumescent Firestop Gasket For Wall Plates (07 84 16 00-0001)

07 84 16 00-0010	EA		Single Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66276).....	15.04	
07 84 16 00-0011	EA		Double Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66274).....	15.64	

07 Thermal And Moisture Protection**07 80 Fire and Smoke Protection****07 84 Firestopping**
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07 84 16 00-0012	EA	Single Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66272)	14.53	
07 84 16 00-0013	EA	Double Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66270).....	15.68	
07 84 16 00-0014	EA	Single Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66266).....	15.23	
07 84 16 00-0015	EA	Double Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66265)	14.61	
07 84 16 00-0016		Intumescent Fire Barrier Pillows For Sealing Large Openings (07 84 16)		
07 84 16 00-0017	EA	2" x 4" x 9" Intumescent Fire Barrier Pillow (3M FB249)	39.66	
07 84 16 00-0018	EA	2" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB269).....	42.56	
07 84 16 00-0019	EA	3" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB369)	46.14	
07 84 16 00-0020		Intumescent Fire Barrier Sheets For Sealing Large Openings (07 84 16)		
		Note: Price includes intumescent sheet, mounting fasteners and caulk for sealing one side of an opening.		
07 84 16 00-0021	EA	16" x 28" Intumescent Firestop Sheet (3M CS-195+16x28).....	356.07	
07 84 16 00-0022	EA	36" x 24" Intumescent Firestop Sheet (3M CS-195+3x2)	504.75	
07 84 16 00-0023	EA	36" x 36" Intumescent Firestop Sheet (3M CS-195+3x3)	685.56	
07 84 16 00-0024		Endothermic Mat Wrap Fire Barrier (07 84 16)		
		Note: Price includes endothermic mat wrap and sealant. Excludes cavity fill material; putty or fireproof caulk/sealant. See CSI section 07 84 16 00-0026 for filling openings.		
07 84 16 00-0025	SF	0.408" Thick Aluminum Foil Faced Endothermic Mat (3M Interam E-5A-4).....	53.49	
07 84 16 00-0026		Firestopping Caulk For Filling Opening (07 84 16)		
07 84 16 00-0027	GAL	Latex Based Intumescent Fire Barrier Sealant (3M CP-25WB+)	149.26	
07 84 16 00-0028		Firestopping Mortar For Filling Opening (07 84 16)		
07 84 16 00-0029	CF	Light-Weight Portland Cement-Based Firestop Mortar (STI SpecSeal SSM Series)	181.38	
07 84 23		Silicone Firestopping Foams (07 84)		
07 84 23 00-0001		Silicone RTV Foam Seal For Blank Openings (07 84 23)		
07 84 23 00-0002	EA	2" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	46.79	
07 84 23 00-0003	EA	4" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	114.75	
07 84 23 00-0004	EA	6" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	206.13	
07 84 23 00-0005	EA	8" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	318.32	
07 84 23 00-0006	EA	10" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	457.25	
07 84 23 00-0007	EA	12" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	617.14	
07 84 43		Joint Firestopping (07 84)		
07 84 43 00-0001		Intumescent Firestopping Sealant For Joints (3M CP 25WB+) (07 84 43)		
07 84 43 00-0002	CLF	1/4" x 1/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	414.13	104.68
		For Up To 6 CLF, Add	23.21	
		For >30 CLF, Deduct	-25.71	
07 84 43 00-0003	CLF	1/4" x 3/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	464.21	104.68
		For Up To 4 CLF, Add	26.96	
		For >20 CLF, Deduct	-30.72	
07 84 43 00-0004	CLF	1/4" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	525.88	108.17
		For Up To 3 CLF, Add	31.30	
		For >15 CLF, Deduct	-36.30	
07 84 43 00-0005	CLF	3/8" x 3/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	550.91	108.17
		For Up To 2.5 CLF, Add	33.18	
		For >13 CLF, Deduct	-38.81	
07 84 43 00-0006	CLF	3/8" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	625.98	108.17
		For Up To 2 CLF, Add	38.81	
		For >10 CLF, Deduct	-46.31	
07 84 43 00-0007	CLF	3/8" x 5/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	701.06	108.17
		For Up To 1.5 CLF, Add	44.44	
		For >8 CLF, Deduct	-53.82	
07 84 43 00-0008	CLF	3/8" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	787.77	112.82
		For Up To 1.3 CLF, Add	50.65	
		For >7 CLF, Deduct	-61.91	
07 84 43 00-0009	CLF	1/2" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	737.71	112.82
		For Up To 1.4 CLF, Add	46.90	
		For >7.5 CLF, Deduct	-56.91	
07 84 43 00-0010	CLF	1/2" x 5/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	849.46	116.31
		For Up To 1.15 CLF, Add	54.99	
		For >6 CLF, Deduct	-67.50	
07 84 43 00-0011	CLF	1/2" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	949.56	116.31
		For Up To 1 CLF, Add	62.49	
		For >5 CLF, Deduct	-77.51	
07 84 43 00-0012	CLF	1/2" x 7/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,061.29	119.80
		For Up To 0.8 CLF, Add	70.58	
		For >4.5 CLF, Deduct	-88.10	
07 84 43 00-0013	CLF	1/2" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,173.02	124.45
		For Up To 0.75 CLF, Add	78.67	
		For >4 CLF, Deduct	-98.69	
07 84 43 00-0014	CLF	3/4" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,284.75	127.94
		For Up To 0.65 CLF, Add	86.76	
		For >3.5 CLF, Deduct	-109.28	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 43 00-0015			CLF 3/4" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+) For Up To 0.5 CLF, Add For >2.5 CLF, Deduct For Silicone Sealant (Bio Fireshield BFS 100 or 200), add	1,619.94 111.03 -141.06 180.18	139.58
07 84 43 00-0016			CLF 1" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+) For Up To 0.4 CLF, Add For >2 CLF, Deduct	2,066.88 143.38 -183.43	154.70
07 84 43 00-0017			Latex-Based, Intumescent Firestop Sealant For Joints (STI SSS Series) ^(07 84 43)		
07 84 43 00-0018			CLF 1/4" x 1/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) For Up To 6 CLF, Add For >30 CLF, Deduct	428.07 24.25 -27.10	104.68
07 84 43 00-0019			CLF 1/4" x 3/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) For Up To 4 CLF, Add For >20 CLF, Deduct	485.08 28.53 -32.81	104.68
07 84 43 00-0020			CLF 1/4" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) For Up To 3 CLF, Add For >15 CLF, Deduct	553.72 33.39 -39.09	108.17
07 84 43 00-0021			CLF 3/8" x 3/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) For Up To 2.5 CLF, Add For >13 CLF, Deduct	582.22 35.52 -41.94	108.17
07 84 43 00-0022			CLF 3/8" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) For Up To 2 CLF, Add For >10 CLF, Deduct	667.74 41.94 -50.49	108.17
07 84 43 00-0023			CLF 3/8" x 5/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) For Up To 1.5 CLF, Add For >8 CLF, Deduct	753.25 48.35 -59.04	108.17
07 84 43 00-0024			CLF 3/8" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) For Up To 1.3 CLF, Add For >7 CLF, Deduct	850.39 55.35 -68.17	112.82
07 84 43 00-0025			CLF 1/2" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) For Up To 1.4 CLF, Add For >7.5 CLF, Deduct	793.39 51.07 -62.47	112.82
07 84 43 00-0026			CLF 1/2" x 5/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) For Up To 1.15 CLF, Add For >6 CLF, Deduct	919.04 60.20 -74.46	116.31
07 84 43 00-0027			CLF 1/2" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) For Up To 1 CLF, Add For >5 CLF, Deduct	1,033.06 68.76 -85.86	116.31
07 84 43 00-0028			CLF 1/2" x 7/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) For Up To 0.8 CLF, Add For >4.5 CLF, Deduct	1,158.71 77.89 -97.84	119.80
07 84 43 00-0029			CLF 1/2" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) For Up To 0.75 CLF, Add For >4 CLF, Deduct	1,284.36 87.02 -109.83	124.45
07 84 43 00-0030			CLF 3/4" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) For Up To 0.65 CLF, Add For >3.5 CLF, Deduct	1,410.01 96.15 -121.81	127.94
07 84 43 00-0031			CLF 3/4" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) For Up To 0.5 CLF, Add For >2.5 CLF, Deduct	1,786.96 123.55 -157.76	139.58
07 84 43 00-0032			CLF 1" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) For Up To 0.4 CLF, Add For >2 CLF, Deduct	2,289.56 160.09 -205.69	154.70
07 84 43 00-0033			Passive Smoke And Fire Protection Sealant For Joints (STI ES Series) ^(07 84 43)		
07 84 43 00-0034			CLF 1/4" x 1/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) For Up To 6 CLF, Add For >30 CLF, Deduct	373.03 20.13 -21.60	104.68
07 84 43 00-0035			CLF 1/4" x 3/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) For Up To 4 CLF, Add For >20 CLF, Deduct	402.51 22.34 -24.55	104.68
07 84 43 00-0036			CLF 1/4" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) For Up To 3 CLF, Add For >15 CLF, Deduct	443.63 25.13 -28.08	108.17
07 84 43 00-0037			CLF 3/8" x 3/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) For Up To 2.5 CLF, Add For >13 CLF, Deduct	458.37 26.24 -29.55	108.17
07 84 43 00-0038			CLF 3/8" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) For Up To 2 CLF, Add For >10 CLF, Deduct	502.61 29.55 -33.98	108.17
07 84 43 00-0039			CLF 3/8" x 5/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) For Up To 1.5 CLF, Add For >8 CLF, Deduct	546.84 32.87 -38.40	108.17
07 84 43 00-0040			CLF 3/8" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) For Up To 1.3 CLF, Add For >7 CLF, Deduct	602.70 36.77 -43.40	112.82

07 Thermal And Moisture Protection**07 80 Fire and Smoke Protection****07 84 Firestopping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 84 43 00-0041	CLF	1/2" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	573.21	112.82
		<i>For Up To 1.4 CLF, Add</i>	34.56	
		<i>For >7.5 CLF, Deduct</i>	-40.46	
07 84 43 00-0042	CLF	1/2" x 5/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	643.83	116.31
		<i>For Up To 1.15 CLF, Add</i>	39.56	
		<i>For >6 CLF, Deduct</i>	-46.94	
07 84 43 00-0043	CLF	1/2" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	702.80	116.31
		<i>For Up To 1 CLF, Add</i>	43.99	
		<i>For >5 CLF, Deduct</i>	-52.83	
07 84 43 00-0044	CLF	1/2" x 7/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	773.41	119.80
		<i>For Up To 0.8 CLF, Add</i>	48.99	
		<i>For >4.5 CLF, Deduct</i>	-59.31	
07 84 43 00-0045	CLF	1/2" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	844.01	124.45
		<i>For Up To 0.75 CLF, Add</i>	54.00	
		<i>For >4 CLF, Deduct</i>	-65.79	
07 84 43 00-0046	CLF	3/4" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	914.62	127.94
		<i>For Up To 0.65 CLF, Add</i>	59.00	
		<i>For >3.5 CLF, Deduct</i>	-72.27	
07 84 43 00-0047	CLF	3/4" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	1,126.43	139.58
		<i>For Up To 0.5 CLF, Add</i>	74.01	
		<i>For >2.5 CLF, Deduct</i>	-91.71	
07 84 43 00-0048	CLF	1" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	1,408.86	154.70
		<i>For Up To 0.4 CLF, Add</i>	94.03	
		<i>For >2 CLF, Deduct</i>	-117.62	

07 84 56 Fire Safing (07 84)**07 84 56 13 Fibrous Fire Safing (07 84 56)****07 84 56 13-0001 Thermal Barrier Wrap (07 84 56 13)**

Note: Includes cutting wrap to fit pipe or conduit and sealing edges.

07 84 56 13-0002	SF	1/2" Thick Fire Barrier Plenum Wrap (3M Plenum Wrap 5A)	11.15	
		<i>For Work In Restricted Working Space, Add</i>	1.45	
07 84 56 13-0003	SF	1-1/2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 15A)	17.96	
		Note: Includes cutting wrap to fit pipe or conduit and sealing edges.		
		<i>For Work In Restricted Working Space, Add</i>	1.45	
07 84 56 13-0004	SF	2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 20A)	19.60	
		Note: Includes cutting wrap to fit pipe or conduit and sealing edges.		
		<i>For Work In Restricted Working Space, Add</i>	1.45	

07 84 56 13-0005 FireMaster Blanket Wrap Fireproofing (07 84 56 13)

07 84 56 13-0006	SF	1/2" Thermal Ceramics FireMaster Blanket Wrap	20.35	11.92
		<i>For Work In Restricted Working Space, Add</i>	4.79	
		<i>For >500 To 5,000, Deduct</i>	-1.81	
		<i>For >5,000, Deduct</i>	-3.22	
07 84 56 13-0007	SF	1" Thermal Ceramics FireMaster Blanket Wrap	23.99	11.92
		<i>For Work In Restricted Working Space, Add</i>	4.79	
		<i>For >500 To 5,000, Deduct</i>	-2.64	
		<i>For >5,000, Deduct</i>	-4.57	
07 84 56 13-0008	SF	1-1/2" Thermal Ceramics FireMaster Blanket Wrap	27.98	11.92
		<i>For Work In Restricted Working Space, Add</i>	4.79	
		<i>For >500 To 5,000, Deduct</i>	-3.56	
		<i>For >5,000, Deduct</i>	-6.04	
07 84 56 13-0009	SF	2" Thermal Ceramics FireMaster Blanket Wrap	31.97	11.92
		<i>For Work In Restricted Working Space, Add</i>	4.79	
		<i>For >500 To 5,000, Deduct</i>	-4.48	
		<i>For >5,000, Deduct</i>	-7.52	

07 90 Joint Protection (07)**07 91 Preformed Joint Seals (07 90)****07 91 23 Backer Rods (07 91)****07 91 23 00-0001 Backer Rods (07 91 23)**

07 91 23 00-0002	LF	1/4" Polyethylene Or Polyurethane Backer Rod	2.02	0.58
07 91 23 00-0003	LF	3/8" Polyethylene Or Polyurethane Backer Rod	2.17	0.58
07 91 23 00-0004	LF	1/2" Polyethylene Or Polyurethane Backer Rod	2.39	0.58
07 91 23 00-0005	LF	5/8" Polyethylene Or Polyurethane Backer Rod	2.68	0.58
07 91 23 00-0006	LF	3/4" Polyethylene Or Polyurethane Backer Rod	2.79	0.70
07 91 23 00-0007	LF	7/8" Polyethylene Or Polyurethane Backer Rod	3.06	0.70
07 91 23 00-0008	LF	1" Polyethylene Or Polyurethane Backer Rod	3.68	0.70
07 91 23 00-0009	LF	1-1/4" Polyethylene Or Polyurethane Backer Rod	4.29	0.82
07 91 23 00-0010	LF	1-1/2" Polyethylene Or Polyurethane Backer Rod	5.01	0.93
07 91 23 00-0011	LF	2" Polyethylene Or Polyurethane Backer Rod	6.57	1.05
07 91 23 00-0012	LF	3" Polyethylene Or Polyurethane Backer Rod	12.58	1.29

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 91 26 Joint Fillers (07 91)

07 91 26 00-0001 Butyl Rubber Fillers (07 91 26)

07 91 26 00-0002	LF		1/4" x 1/4" Butyl Rubber Filler <i>For Custom Match Coloring, Add</i>	2.72 0.05	0.70
07 91 26 00-0003	LF		1/2" x 1/2" Butyl Rubber Filler <i>For Custom Match Coloring, Add</i>	8.22 0.21	1.99
07 91 26 00-0004	LF		1/2" x 3/4" Butyl Rubber Filler <i>For Custom Match Coloring, Add</i>	10.00 0.32	2.11
07 91 26 00-0005	LF		3/4" x 3/4" Butyl Rubber Filler	10.96	2.22
07 91 26 00-0006	LF		1" x 1" Butyl Rubber Filler	14.86	4.10

07 91 26 00-0007 Closed Cell Neoprene (07 91 26)

07 91 26 00-0008	CLF		1/8" x 3" Neoprene Gasket Closed Cell, Adhesive	466.22	135.04
07 91 26 00-0009	CLF		1/8" x 6" Neoprene Gasket Closed Cell, Adhesive	747.11	195.07
07 91 26 00-0010	CLF		1/4" x 3" Neoprene Gasket Closed Cell, Adhesive	597.48	167.22
07 91 26 00-0011	CLF		1/4" x 6" Neoprene Gasket Closed Cell, Adhesive	687.49	175.52
07 91 26 00-0012	CLF		1/2" x 6" Neoprene Gasket Closed Cell, Adhesive	1,049.17	270.07
07 91 26 00-0013	CLF		1/2" x 9" Neoprene Gasket Closed Cell, Adhesive	1,199.72	292.53
07 91 26 00-0014	CLF		1/2" x 12" Neoprene Gasket Closed Cell, Adhesive	1,082.89	212.73

07 91 26 00-0015 Closed Cell Polyvinyl Chloride (07 91 26)

07 91 26 00-0016	CLF		1/8" x 3" Polyethylene Joint Backing, Closed Cell	475.69	167.22
07 91 26 00-0017	CLF		1/8" x 6" Polyethylene Joint Backing, Closed Cell	803.91	270.07
07 91 26 00-0018	CLF		1/4" x 3" Polyethylene Joint Backing, Closed Cell	621.67	230.52
07 91 26 00-0019	CLF		1/4" x 6" Polyethylene Joint Backing, Closed Cell	747.44	243.39
07 91 26 00-0020	CLF		1/2" x 6" Polyethylene Joint Backing, Closed Cell	1,138.05	373.28
07 91 26 00-0021	CLF		1/2" x 9" Polyethylene Joint Backing, Closed Cell	1,331.19	405.10
07 91 26 00-0022	CLF		1/2" x 12" Polyethylene Joint Backing, Closed Cell	1,761.23	485.60

07 91 26 00-0023 Silicon RTV Foam Penetration Seal (07 91 26)

07 91 26 00-0024	CLF		1/4" x 1/2" Silicon RTV Foam Seal	175.24	26.80
07 91 26 00-0025	CLF		1/2" x 1/2" Silicon RTV Foam Seal	350.47	53.47
07 91 26 00-0026	CLF		1/2" x 3/4" Silicon RTV Foam Seal	522.70	79.46
07 91 26 00-0027	CLF		3/4" x 3/4" Silicon RTV Foam Seal	744.03	107.07
07 91 26 00-0028	CLF		1/8" x 1" Silicon RTV Foam Seal	175.24	26.80
07 91 26 00-0029	CLF		1/8" x 3" Silicon RTV Foam Seal	522.23	79.22
07 91 26 00-0030	CLF		1/4" x 3" Silicon RTV Foam Seal	912.74	119.00
07 91 26 00-0031	CLF		1/4" x 6" Silicon RTV Foam Seal	1,823.40	237.18
07 91 26 00-0032	CLF		1/2" x 6" Silicon RTV Foam Seal	3,485.60	428.16
07 91 26 00-0033	CLF		1/2" x 9" Silicon RTV Foam Seal	5,314.47	668.85
07 91 26 00-0034	CLF		1/2" x 12" Silicon RTV Foam Seal	7,698.49	1,070.21

07 91 26 00-0035 Seals O-Ring Type Cord "J-Seal" (07 91 26)

07 91 26 00-0036	LF		1/4" Seals O-Ring Cord, J-Seal	4.99	1.53
07 91 26 00-0037	LF		1/2" Seals O-Ring Cord, J-Seal	5.29	1.53
07 91 26 00-0038	LF		3/4" Seals O-Ring Cord, J-Seal	5.57	1.64
07 91 26 00-0039	LF		1" Seals O-Ring Cord, J-Seal	5.87	1.76
07 91 26 00-0040	LF		1-1/4" Seals O-Ring Cord, J-Seal	6.28	1.87
07 91 26 00-0041	LF		1-1/2" Seals O-Ring Cord, J-Seal	6.58	1.87
07 91 26 00-0042	LF		1-3/4" Seals O-Ring Cord, J-Seal	6.96	1.99
07 91 26 00-0043	LF		2" Seals O-Ring Cord, J-Seal	7.19	1.99

07 91 33 Expansion Joint Seal Systems (07 91)

07 91 33 00-0001 Expansion Joint Seal Systems (Wabo®) (07 91 33)

07 91 33 00-0002 Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal Systems (Wabo® HSeal) (07 91 33 00-0001)

Note: Includes a pre-compressed seal, epoxy adhesive and traffic grade elastomeric top coating.

07 91 33 00-0003	LF		1/2" Minimum, 1-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 25EH)	91.05	7.38
07 91 33 00-0004	LF		3/4" Minimum, 2-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 40EH)	122.36	7.73
07 91 33 00-0005	LF		1" Minimum, 3" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 50EH)	155.40	8.08
07 91 33 00-0006	LF		1-1/4" Minimum, 3-3/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 65EH)	192.15	8.44
07 91 33 00-0007	LF		1-1/2" Minimum, 4-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 75EH)	249.82	8.78
07 91 33 00-0008	LF		1-3/4" Minimum, 5-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 90EH)	287.21	9.14
07 91 33 00-0009	LF		2" Minimum, 6" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 100EH)	333.59	9.48

07 91 33 00-0010 Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal Systems (Wabo® CompressionSeal) (07 91 33 00-0001)

Note: Includes preformed neoprene joint seal and lubricant adhesive.

07 Thermal And Moisture Protection**07 90 Joint Protection****07 91 Prefomed Joint Seals**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 91 33 00-0011	LF	0.625" Minimum, 1.381" Maximum Joint Opening, Neoprene, Prefomed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-162).....	45.61	7.38
07 91 33 00-0012	LF	0.688" Minimum, 1.488" Maximum Joint Opening, Neoprene, Prefomed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-175).....	49.93	7.48
07 91 33 00-0013	LF	0.875" Minimum, 1.700" Maximum Joint Opening, Neoprene, Prefomed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-200).....	60.75	7.60
07 91 33 00-0014	LF	0.953" Minimum, 1.913" Maximum Joint Opening, Neoprene, Prefomed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-225).....	64.57	7.73
07 91 33 00-0015	LF	1.000" Minimum, 2.125" Maximum Joint Opening, Neoprene, Prefomed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-250).....	69.11	7.84
07 91 33 00-0016	LF	1.125" Minimum, 2.550" Maximum Joint Opening, Neoprene, Prefomed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-300).....	85.15	7.94
07 91 33 00-0017	LF	1.375" Minimum, 2.975" Maximum Joint Opening, Neoprene, Prefomed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-350).....	105.52	8.08
07 91 33 00-0018	LF	1.625" Minimum, 3.400" Maximum Joint Opening, Neoprene, Prefomed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-400).....	125.11	8.44
07 91 33 00-0019	LF	1.687" Minimum, 4.250" Maximum Joint Opening, Neoprene, Prefomed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-500).....	141.83	8.78

07 91 33 00-0020 Santoprene®, Prefomed Elastomeric Vertical Expansion Joint Seal Systems (Wabo® CompressionSeal) (07 91 33 00-0001)

Note: Includes prefomed Santoprene® joint seal and lubricant adhesive.

07 91 33 00-0021	LF	0.500" Minimum, 1.500" Maximum Joint Opening, Santoprene®, Prefomed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-100).....	37.86	7.38
07 91 33 00-0022	LF	0.688" Minimum, 1.938" Maximum Joint Opening, Santoprene®, Prefomed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-225).....	49.71	7.73
07 91 33 00-0023	LF	1.063" Minimum, 2.125" Maximum Joint Opening, Santoprene®, Prefomed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-250).....	61.35	8.08
07 91 33 00-0024	LF	1.250" Minimum, 2.563" Maximum Joint Opening, Santoprene®, Prefomed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-300).....	64.86	8.26
07 91 33 00-0025	LF	1.250" Minimum, 3.375" Maximum Joint Opening, Santoprene®, Prefomed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-400).....	72.15	8.44
07 91 33 00-0026	LF	1.438" Minimum, 4.250" Maximum Joint Opening, Santoprene®, Prefomed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-500).....	104.36	8.78
07 91 33 00-0027	LF	1.813" Minimum, 5.125" Maximum Joint Opening, Santoprene®, Prefomed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-600).....	144.27	9.14

07 91 33 00-0028 Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal Systems (Wabo® Seismic WeatherSeal) (07 91 33 00-0001)

Note: Includes a pre-compressed foam seal and silicone sealant.

07 91 33 00-0029	LF	1/2" Minimum, 1-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-100).....	33.91	2.92
07 91 33 00-0030	LF	3/4" Minimum, 2-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-150).....	57.16	3.05
07 91 33 00-0031	LF	1" Minimum, 3" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-200).....	86.29	3.17
07 91 33 00-0032	LF	1-1/4" Minimum, 3-3/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-250).....	108.91	3.28
07 91 33 00-0033	LF	1-1/2" Minimum, 4-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-300).....	143.47	3.40
07 91 33 00-0034	LF	1-3/4" Minimum, 5-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-350).....	189.96	3.51
07 91 33 00-0035	LF	2" Minimum, 6" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-400).....	233.10	3.64
07 91 33 00-0036	LF	2-1/2" Minimum, 7-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-500).....	314.54	3.75
07 91 33 00-0037	LF	3" Minimum, 9" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-600).....	367.32	3.87

07 91 33 00-0038 Silicone Faced Foam, Prefomed Elastomeric Expansion Joint Seal Systems (Wabo® WeatherSeal II) (07 91 33 00-0001)

Note: Includes a pre-compressed foam seal and silicone sealant.

07 91 33 00-0039	LF	0.75" Minimum, 1.25" Maximum Joint Opening, Silicone Faced Foam, Prefomed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-100).....	33.07	2.92
07 91 33 00-0040	LF	1.13" Minimum, 1.88" Maximum Joint Opening, Silicone Faced Foam, Prefomed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-150).....	43.77	3.05
07 91 33 00-0041	LF	1.50" Minimum, 2.50" Maximum Joint Opening, Silicone Faced Foam, Prefomed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-200).....	58.87	3.17
07 91 33 00-0042	LF	1.88" Minimum, 3.13" Maximum Joint Opening, Silicone Faced Foam, Prefomed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-250).....	80.03	3.28
07 91 33 00-0043	LF	2.25" Minimum, 3.75" Maximum Joint Opening, Silicone Faced Foam, Prefomed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-300).....	91.35	3.40
07 91 33 00-0044	LF	2.63" Minimum, 4.38" Maximum Joint Opening, Silicone Faced Foam, Prefomed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-350).....	126.96	3.51
07 91 33 00-0045	LF	3.00" Minimum, 5.00" Maximum Joint Opening, Silicone Faced Foam, Prefomed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-400).....	170.73	3.64
07 91 33 00-0046	LF	3.75" Minimum, 6.25" Maximum Joint Opening, Silicone Faced Foam, Prefomed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-500).....	184.35	3.75

07 92 Joint Sealants (07 90)**07 92 13 Elastomeric Joint Sealants (07 92)**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0001			Silicone Sealants And Caulking (07 92 13)		
07 92 13 00-0002	CLF	1/4" x 1/4"	Joint, Silicone Sealant And Caulking.....	367.68	104.68
			For Custom Match Coloring, Add	12.87	
			For Up To 6 CLF, Add	19.72	
			For >30 CLF, Deduct	-21.07	
			For 1 Part Mildew Resistant, Add	18.77	
			For High-Modulus Non-Acid Curing, Add	10.73	
07 92 13 00-0003	CLF	1/4" x 3/8"	Joint, Silicone Sealant And Caulking.....	394.49	104.68
			For Custom Match Coloring, Add	19.31	
			For Up To 4 CLF, Add	21.74	
			For >20 CLF, Deduct	-23.75	
			For 1 Part Mildew Resistant, Add	28.15	
			For High-Modulus Non-Acid Curing, Add	16.09	
07 92 13 00-0004	CLF	1/4" x 1/2"	Joint, Silicone Sealant And Caulking.....	432.94	108.17
			For Custom Match Coloring, Add	25.74	
			For Up To 3 CLF, Add	24.33	
			For >15 CLF, Deduct	-27.01	
			For 1 Part Mildew Resistant, Add	37.54	
			For High-Modulus Non-Acid Curing, Add	21.45	
07 92 13 00-0005	CLF	3/8" x 3/8"	Joint, Silicone Sealant And Caulking.....	446.34	108.17
			For Custom Match Coloring, Add	28.96	
			For Up To 2.5 CLF, Add	25.33	
			For >13 CLF, Deduct	-28.35	
			For 1 Part Mildew Resistant, Add	42.23	
			For High-Modulus Non-Acid Curing, Add	24.13	
07 92 13 00-0006	CLF	3/8" x 1/2"	Joint, Silicone Sealant And Caulking.....	486.57	108.17
			For Custom Match Coloring, Add	38.61	
			For Up To 2 CLF, Add	28.35	
			For >10 CLF, Deduct	-32.37	
			For 1 Part Mildew Resistant, Add	56.31	
			For High-Modulus Non-Acid Curing, Add	32.18	
07 92 13 00-0007	CLF	3/8" x 5/8"	Joint, Silicone Sealant And Caulking.....	526.79	108.17
			For Custom Match Coloring, Add	48.27	
			For Up To 1.5 CLF, Add	31.37	
			For >8 CLF, Deduct	-36.40	
			For 1 Part Mildew Resistant, Add	70.39	
			For High-Modulus Non-Acid Curing, Add	40.22	
07 92 13 00-0008	CLF	3/8" x 3/4"	Joint, Silicone Sealant And Caulking.....	578.64	112.82
			For Custom Match Coloring, Add	57.92	
			For Up To 1.3 CLF, Add	34.97	
			For >7 CLF, Deduct	-41.00	
			For 1 Part Mildew Resistant, Add	84.47	
			For High-Modulus Non-Acid Curing, Add	48.27	
07 92 13 00-0009	CLF	1/2" x 1/2"	Joint, Silicone Sealant And Caulking.....	551.83	112.82
			For Custom Match Coloring, Add	51.48	
			For Up To 1.4 CLF, Add	32.95	
			For >7.5 CLF, Deduct	-38.32	
			For 1 Part Mildew Resistant, Add	75.08	
			For High-Modulus Non-Acid Curing, Add	42.90	
07 92 13 00-0010	CLF	1/2" x 5/8"	Joint, Silicone Sealant And Caulking.....	617.09	116.31
			For Custom Match Coloring, Add	64.35	
			For Up To 1.15 CLF, Add	37.56	
			For >6 CLF, Deduct	-44.26	
			For 1 Part Mildew Resistant, Add	93.85	
			For High-Modulus Non-Acid Curing, Add	53.63	
07 92 13 00-0011	CLF	1/2" x 3/4"	Joint, Silicone Sealant And Caulking.....	670.72	116.31
			For Custom Match Coloring, Add	77.22	
			For Up To 1 CLF, Add	41.58	
			For >5 CLF, Deduct	-49.62	
			For 1 Part Mildew Resistant, Add	112.62	
			For High-Modulus Non-Acid Curing, Add	64.35	
07 92 13 00-0012	CLF	1/2" x 7/8"	Joint, Silicone Sealant And Caulking.....	735.98	119.80
			For Custom Match Coloring, Add	90.10	
			For Up To 0.8 CLF, Add	46.18	
			For >4.5 CLF, Deduct	-55.57	
			For 1 Part Mildew Resistant, Add	131.39	
			For High-Modulus Non-Acid Curing, Add	75.08	
07 92 13 00-0013	CLF	1/2" x 1"	Joint, Silicone Sealant And Caulking.....	801.24	124.45
			For Custom Match Coloring, Add	102.97	
			For Up To 0.75 CLF, Add	50.79	
			For >4 CLF, Deduct	-61.51	
			For 1 Part Mildew Resistant, Add	150.16	
			For High-Modulus Non-Acid Curing, Add	85.81	
07 92 13 00-0014	CLF	3/4" x 3/4"	Joint, Silicone Sealant And Caulking.....	866.50	127.94
			For Custom Match Coloring, Add	115.84	
			For Up To 0.65 CLF, Add	55.39	
			For >3.5 CLF, Deduct	-67.46	
			For 1 Part Mildew Resistant, Add	168.93	
			For High-Modulus Non-Acid Curing, Add	96.53	
07 92 13 00-0015	CLF	3/4" x 1"	Joint, Silicone Sealant And Caulking.....	1,062.28	139.58
			For Custom Match Coloring, Add	154.45	
			For Up To 0.5 CLF, Add	69.20	
			For >2.5 CLF, Deduct	-85.29	
			For 1 Part Mildew Resistant, Add	225.24	
			For High-Modulus Non-Acid Curing, Add	128.71	
07 92 13 00-0016	CLF	1" x 1"	Joint, Silicone Sealant And Caulking.....	1,323.32	154.70
			For Custom Match Coloring, Add	205.93	
			For Up To 0.4 CLF, Add	87.62	
			For >2 CLF, Deduct	-109.07	
			For 1 Part Mildew Resistant, Add	300.32	
			For High-Modulus Non-Acid Curing, Add	171.61	

07 Thermal And Moisture Protection

07 90 Joint Protection

07 92 Joint Sealants

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
07 92 13 00-0017	Acrylic/Latex Sealant And Caulking ^(07 92 13)		
07 92 13 00-0018	CLF 1/4" x 1/4" Joint, Acrylic/Latex Sealant And Caulking	332.87	104.68
	For Up To 6 CLF, Add	17.11	
	For >30 CLF, Deduct	-17.58	
07 92 13 00-0019	CLF 1/4" x 3/8" Joint, Acrylic/Latex Sealant And Caulking	342.27	104.68
	For Up To 4 CLF, Add	17.82	
	For >20 CLF, Deduct	-18.52	
07 92 13 00-0020	CLF 1/4" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	363.31	108.17
	For Up To 3 CLF, Add	19.11	
	For >15 CLF, Deduct	-20.05	
07 92 13 00-0021	CLF 3/8" x 3/8" Joint, Acrylic/Latex Sealant And Caulking	368.01	108.17
	For Up To 2.5 CLF, Add	19.46	
	For >13 CLF, Deduct	-20.52	
07 92 13 00-0022	CLF 3/8" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	382.12	108.17
	For Up To 2 CLF, Add	20.52	
	For >10 CLF, Deduct	-21.93	
07 92 13 00-0023	CLF 3/8" x 5/8" Joint, Acrylic/Latex Sealant And Caulking	396.24	108.17
	For Up To 1.5 CLF, Add	21.58	
	For >8 CLF, Deduct	-23.34	
07 92 13 00-0024	CLF 3/8" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	421.98	112.82
	For Up To 1.3 CLF, Add	23.22	
	For >7 CLF, Deduct	-25.33	
07 92 13 00-0025	CLF 1/2" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	412.57	112.82
	For Up To 1.4 CLF, Add	22.51	
	For >7.5 CLF, Deduct	-24.39	
07 92 13 00-0026	CLF 1/2" x 5/8" Joint, Acrylic/Latex Sealant And Caulking	443.02	116.31
	For Up To 1.15 CLF, Add	24.50	
	For >6 CLF, Deduct	-26.85	
07 92 13 00-0027	CLF 1/2" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	461.84	116.31
	For Up To 1 CLF, Add	25.91	
	For >5 CLF, Deduct	-28.74	
07 92 13 00-0028	CLF 1/2" x 7/8" Joint, Acrylic/Latex Sealant And Caulking	492.28	119.80
	For Up To 0.8 CLF, Add	27.91	
	For >4.5 CLF, Deduct	-31.20	
07 92 13 00-0029	CLF 1/2" x 1" Joint, Acrylic/Latex Sealant And Caulking	522.73	124.45
	For Up To 0.75 CLF, Add	29.90	
	For >4 CLF, Deduct	-33.66	
07 92 13 00-0030	CLF 3/4" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	553.17	127.94
	For Up To 0.65 CLF, Add	31.89	
	For >3.5 CLF, Deduct	-36.13	
07 92 13 00-0031	CLF 3/4" x 1" Joint, Acrylic/Latex Sealant And Caulking	644.51	139.58
	For Up To 0.5 CLF, Add	37.87	
	For >2.5 CLF, Deduct	-43.51	
07 92 13 00-0032	CLF 1" x 1" Joint, Acrylic/Latex Sealant And Caulking	766.30	154.70
	For Up To 0.4 CLF, Add	45.84	
	For >2 CLF, Deduct	-53.37	
07 92 13 00-0033	Polyurethane Sealant And Caulking ^(07 92 13)		
	Note: 1 or 2 part, non-sag.		
07 92 13 00-0034	CLF 1/4" x 1/4" Joint, Polyurethane Sealant And Caulking	355.18	104.68
	For Up To 6 CLF, Add	18.79	
	For >30 CLF, Deduct	-19.82	
07 92 13 00-0035	CLF 1/4" x 3/8" Joint, Polyurethane Sealant And Caulking	375.75	104.68
	For Up To 4 CLF, Add	20.33	
	For >20 CLF, Deduct	-21.87	
07 92 13 00-0036	CLF 1/4" x 1/2" Joint, Polyurethane Sealant And Caulking	407.94	108.17
	For Up To 3 CLF, Add	22.45	
	For >15 CLF, Deduct	-24.51	
07 92 13 00-0037	CLF 3/8" x 3/8" Joint, Polyurethane Sealant And Caulking	418.23	108.17
	For Up To 2.5 CLF, Add	23.23	
	For >13 CLF, Deduct	-25.54	
07 92 13 00-0038	CLF 3/8" x 1/2" Joint, Polyurethane Sealant And Caulking	449.07	108.17
	For Up To 2 CLF, Add	25.54	
	For >10 CLF, Deduct	-28.62	
07 92 13 00-0039	CLF 3/8" x 5/8" Joint, Polyurethane Sealant And Caulking	479.92	108.17
	For Up To 1.5 CLF, Add	27.85	
	For >8 CLF, Deduct	-31.71	
07 92 13 00-0040	CLF 3/8" x 3/4" Joint, Polyurethane Sealant And Caulking	522.40	112.82
	For Up To 1.3 CLF, Add	30.75	
	For >7 CLF, Deduct	-35.37	
07 92 13 00-0041	CLF 1/2" x 1/2" Joint, Polyurethane Sealant And Caulking	501.84	112.82
	For Up To 1.4 CLF, Add	29.21	
	For >7.5 CLF, Deduct	-33.32	
07 92 13 00-0042	CLF 1/2" x 5/8" Joint, Polyurethane Sealant And Caulking	554.61	116.31
	For Up To 1.15 CLF, Add	32.87	
	For >6 CLF, Deduct	-38.01	
07 92 13 00-0043	CLF 1/2" x 3/4" Joint, Polyurethane Sealant And Caulking	595.74	116.31
	For Up To 1 CLF, Add	35.96	
	For >5 CLF, Deduct	-42.13	
07 92 13 00-0044	CLF 1/2" x 7/8" Joint, Polyurethane Sealant And Caulking	648.50	119.80
	For Up To 0.8 CLF, Add	39.62	
	For >4.5 CLF, Deduct	-46.82	
07 92 13 00-0045	CLF 1/2" x 1" Joint, Polyurethane Sealant And Caulking	701.26	124.45
	For Up To 0.75 CLF, Add	43.29	
	For >4 CLF, Deduct	-51.52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0046			CLF 3/4" x 3/4" Joint, Polyurethane Sealant And Caulking <i>For Up To 0.65 CLF, Add</i> <i>For >3.5 CLF, Deduct</i>	754.02 46.96 -56.21	127.94
07 92 13 00-0047			CLF 3/4" x 1" Joint, Polyurethane Sealant And Caulking <i>For Up To 0.5 CLF, Add</i> <i>For >2.5 CLF, Deduct</i>	912.31 57.96 -70.29	139.58
07 92 13 00-0048			Flexible Polysulfide Sealant And Caulking, Clear (07 92 13) Note: 1 or 2 part, non-sag.		
07 92 13 00-0049			CLF 1/4" x 1/4" Joint, Polysulfide Sealant And Caulking <i>For Up To 6 CLF, Add</i> <i>For >30 CLF, Deduct</i>	359.08 19.08 -20.21	104.68
07 92 13 00-0050			CLF 1/4" x 3/8" Joint, Polysulfide Sealant And Caulking <i>For Up To 4 CLF, Add</i> <i>For >20 CLF, Deduct</i>	381.62 20.77 -22.46	104.68
07 92 13 00-0051			CLF 1/4" x 1/2" Joint, Polysulfide Sealant And Caulking <i>For Up To 3 CLF, Add</i> <i>For >15 CLF, Deduct</i>	415.77 23.04 -25.29	108.17
07 92 13 00-0052			CLF 3/8" x 3/8" Joint, Polysulfide Sealant And Caulking <i>For Up To 2.5 CLF, Add</i> <i>For >13 CLF, Deduct</i>	427.03 23.89 -26.42	108.17
07 92 13 00-0053			CLF 3/8" x 1/2" Joint, Polysulfide Sealant And Caulking <i>For Up To 2 CLF, Add</i> <i>For >10 CLF, Deduct</i>	460.82 26.42 -29.80	108.17
07 92 13 00-0054			CLF 3/8" x 5/8" Joint, Polysulfide Sealant And Caulking <i>For Up To 1.5 CLF, Add</i> <i>For >8 CLF, Deduct</i>	494.60 28.95 -33.18	108.17
07 92 13 00-0055			CLF 3/8" x 3/4" Joint, Polysulfide Sealant And Caulking <i>For Up To 1.3 CLF, Add</i> <i>For >7 CLF, Deduct</i>	540.01 32.07 -37.14	112.82
07 92 13 00-0056			CLF 1/2" x 1/2" Joint, Polysulfide Sealant And Caulking <i>For Up To 1.4 CLF, Add</i> <i>For >7.5 CLF, Deduct</i>	517.49 30.38 -34.88	112.82
07 92 13 00-0057			CLF 1/2" x 5/8" Joint, Polysulfide Sealant And Caulking <i>For Up To 1.15 CLF, Add</i> <i>For >6 CLF, Deduct</i>	574.18 34.34 -39.97	116.31
07 92 13 00-0058			CLF 1/2" x 3/4" Joint, Polysulfide Sealant And Caulking <i>For Up To 1 CLF, Add</i> <i>For >5 CLF, Deduct</i>	619.22 37.72 -44.47	116.31
07 92 13 00-0059			CLF 1/2" x 7/8" Joint, Polysulfide Sealant And Caulking <i>For Up To 0.8 CLF, Add</i> <i>For >4.5 CLF, Deduct</i>	675.90 41.68 -49.56	119.80
07 92 13 00-0060			CLF 1/2" x 1" Joint, Polysulfide Sealant And Caulking <i>For Up To 0.75 CLF, Add</i> <i>For >4 CLF, Deduct</i>	732.57 45.64 -54.65	124.45
07 92 13 00-0061			CLF 3/4" x 3/4" Joint, Polysulfide Sealant And Caulking <i>For Up To 0.65 CLF, Add</i> <i>For >3.5 CLF, Deduct</i>	789.25 49.60 -59.73	127.94
07 92 13 00-0062			CLF 3/4" x 1" Joint, Polysulfide Sealant And Caulking <i>For Up To 0.5 CLF, Add</i> <i>For >2.5 CLF, Deduct</i>	959.27 61.48 -74.99	139.58
07 92 13 00-0063			Flexible Polyurethane Security Sealant And Caulking (07 92 13) Note: 1 or 2 part, non-sag.		
07 92 13 00-0064			CLF 1/4" x 1/4" Joint, Flexible Polyurethane Security Sealant And Caulking <i>For Up To 6 CLF, Add</i> <i>For >30 CLF, Deduct</i>	368.64 19.80 -21.16	104.68
07 92 13 00-0065			CLF 1/4" x 3/8" Joint, Flexible Polyurethane Security Sealant And Caulking <i>For Up To 4 CLF, Add</i> <i>For >20 CLF, Deduct</i>	395.94 21.84 -23.89	104.68
07 92 13 00-0066			CLF 1/4" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking <i>For Up To 3 CLF, Add</i> <i>For >15 CLF, Deduct</i>	434.86 24.47 -27.20	108.17
07 92 13 00-0067			CLF 3/8" x 3/8" Joint, Flexible Polyurethane Security Sealant And Caulking <i>For Up To 2.5 CLF, Add</i> <i>For >13 CLF, Deduct</i>	448.51 25.50 -28.57	108.17
07 92 13 00-0068			CLF 3/8" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking <i>For Up To 2 CLF, Add</i> <i>For >10 CLF, Deduct</i>	489.45 28.57 -32.66	108.17
07 92 13 00-0069			CLF 3/8" x 5/8" Joint, Flexible Polyurethane Security Sealant And Caulking <i>For Up To 1.5 CLF, Add</i> <i>For >8 CLF, Deduct</i>	530.39 31.64 -36.76	108.17
07 92 13 00-0070			CLF 3/8" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking <i>For Up To 1.3 CLF, Add</i> <i>For >7 CLF, Deduct</i>	582.97 35.29 -41.43	112.82
07 92 13 00-0071			CLF 1/2" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking <i>For Up To 1.4 CLF, Add</i> <i>For >7.5 CLF, Deduct</i>	555.67 33.24 -38.70	112.82
07 92 13 00-0072			CLF 1/2" x 5/8" Joint, Flexible Polyurethane Security Sealant And Caulking <i>For Up To 1.15 CLF, Add</i> <i>For >6 CLF, Deduct</i>	621.90 37.92 -44.74	116.31
07 92 13 00-0073			CLF 1/2" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking <i>For Up To 1 CLF, Add</i> <i>For >5 CLF, Deduct</i>	676.49 42.01 -50.20	116.31
07 92 13 00-0074			CLF 1/2" x 7/8" Joint, Flexible Polyurethane Security Sealant And Caulking <i>For Up To 0.8 CLF, Add</i> <i>For >4.5 CLF, Deduct</i>	742.71 46.69 -56.24	119.80

07 Thermal And Moisture Protection**07 90 Joint Protection****07 92 Joint Sealants**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 92 13 00-0075	CLF 1/2" x 1" Joint, Flexible Polyurethane Security Sealant And Caulking	808.93	124.45
	<i>For Up To 0.75 CLF, Add</i>	51.36	
	<i>For >4 CLF, Deduct</i>	-62.28	
07 92 13 00-0076	CLF 3/4" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	875.15	127.94
	<i>For Up To 0.65 CLF, Add</i>	56.04	
	<i>For >3.5 CLF, Deduct</i>	-68.32	
07 92 13 00-0077	CLF 3/4" x 1" Joint, Flexible Polyurethane Security Sealant And Caulking	1,073.81	139.58
	<i>For Up To 0.5 CLF, Add</i>	70.07	
	<i>For >2.5 CLF, Deduct</i>	-86.44	

07 92 19 Acoustical Joint Sealants (07 92)**07 92 19 00-0001 Acoustical Sealant (07 92 19)**

07 92 19 00-0002	CLF 1/4" x 1/4" Joint, Acoustical Sealant.....	363.21	104.68
	<i>For Custom Match Coloring, Add</i>	11.80	
	<i>For Up To 6 CLF, Add</i>	19.39	
	<i>For >30 CLF, Deduct</i>	-20.62	
	<i>For 1 Part Mildew Resistant, Add</i>	17.21	
	<i>For High-Modulus Non-Acid Curing, Add</i>	9.83	
07 92 19 00-0003	CLF 1/4" x 3/8" Joint, Acoustical Sealant.....	381.89	104.68
	<i>For Custom Match Coloring, Add</i>	16.28	
	<i>For Up To 4 CLF, Add</i>	20.79	
	<i>For >20 CLF, Deduct</i>	-22.49	
	<i>For 1 Part Mildew Resistant, Add</i>	23.74	
	<i>For High-Modulus Non-Acid Curing, Add</i>	13.57	
07 92 19 00-0004	CLF 1/4" x 1/2" Joint, Acoustical Sealant.....	404.52	108.17
	<i>For Custom Match Coloring, Add</i>	18.92	
	<i>For Up To 3 CLF, Add</i>	22.20	
	<i>For >15 CLF, Deduct</i>	-24.17	
	<i>For 1 Part Mildew Resistant, Add</i>	27.59	
	<i>For High-Modulus Non-Acid Curing, Add</i>	15.77	
07 92 19 00-0005	CLF 3/8" x 3/8" Joint, Acoustical Sealant.....	435.07	108.17
	<i>For Custom Match Coloring, Add</i>	26.25	
	<i>For Up To 2.5 CLF, Add</i>	24.49	
	<i>For >13 CLF, Deduct</i>	-27.22	
	<i>For 1 Part Mildew Resistant, Add</i>	38.29	
	<i>For High-Modulus Non-Acid Curing, Add</i>	21.88	
07 92 19 00-0006	CLF 3/8" x 1/2" Joint, Acoustical Sealant.....	466.82	108.17
	<i>For Custom Match Coloring, Add</i>	33.87	
	<i>For Up To 2 CLF, Add</i>	26.87	
	<i>For >10 CLF, Deduct</i>	-30.40	
	<i>For 1 Part Mildew Resistant, Add</i>	49.40	
	<i>For High-Modulus Non-Acid Curing, Add</i>	28.23	
07 92 19 00-0007	CLF 1/2" x 1/2" Joint, Acoustical Sealant.....	536.19	112.82
	<i>For Custom Match Coloring, Add</i>	47.73	
	<i>For Up To 1.4 CLF, Add</i>	31.78	
	<i>For >7.5 CLF, Deduct</i>	-36.75	
	<i>For 1 Part Mildew Resistant, Add</i>	69.61	
	<i>For High-Modulus Non-Acid Curing, Add</i>	39.78	

07 95 Expansion Control (07 90)**07 95 13 Expansion Joint Cover Assemblies (07 95)**

Note: Includes necessary waterproofing mastics/caulking.

07 95 13 13 Interior Expansion Joint Cover Assemblies (07 95 13)**07 95 13 13-0001 Interior Floor Expansion Joint Cover Assemblies (07 95 13 13)****07 95 13 13-0002 With 1" Space (07 95 13 13-0001)**

07 95 13 13-0003	LF 1" Opening Floor Assembly Type, With Aluminum Expansion Joint Cover.....	72.58	6.27
07 95 13 13-0004	LF 1" Opening Floor Assembly Type, With Bronze Expansion Joint Cover	79.02	6.27
07 95 13 13-0005	LF 1" Opening Floor Assembly Type, With Stainless Steel Expansion Joint Cover.....	73.71	6.27

07 95 13 13-0006 With 2" Space (07 95 13 13-0001)

07 95 13 13-0007	LF 2" Opening Floor Assembly Type, Aluminum Expansion Joint Cover.....	97.83	6.27
07 95 13 13-0008	LF 2" Opening Floor Assembly Type, Bronze Expansion Joint Cover	98.00	6.27
07 95 13 13-0009	LF 2" Opening Floor Assembly Type, Stainless Steel Expansion Joint Cover	99.54	6.27

07 95 13 13-0010 Interior Ceiling And Wall Expansion Joint Cover Assemblies (07 95 13 13)**07 95 13 13-0011 With 1" Space (07 95 13 13-0010)**

07 95 13 13-0012	LF 1" Opening Ceiling And Wall Assembly Type, Aluminum Expansion Joint Cover.....	52.77	6.27
07 95 13 13-0013	LF 1" Opening Ceiling And Wall Assembly Type, Bronze Expansion Joint Cover	65.49	6.27
07 95 13 13-0014	LF 1" Opening Ceiling And Wall Assembly Type, Stainless Steel Expansion Joint Cover	66.25	6.27

07 95 13 13-0015 With 2" Space (07 95 13 13-0010)

07 95 13 13-0016	LF 2" Opening Ceiling And Wall Assembly Type, Aluminum Expansion Joint Cover.....	67.92	6.27
07 95 13 13-0017	LF 2" Opening Ceiling And Wall Assembly Type, Bronze Expansion Joint Cover	74.97	6.27
07 95 13 13-0018	LF 2" Opening Ceiling And Wall Assembly Type, Stainless Steel Expansion Joint Cover	79.16	6.27

07 95 13 16 Exterior Expansion Joint Cover Assemblies (07 95 13)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 95 13 16-0001			Exterior Roof Aluminum Expansion Joint Cover Assemblies <small>(07 95 13 16)</small>		
07 95 13 16-0002			Roof To Roof <small>(07 95 13 16-0001)</small>		
07 95 13 16-0003	LF		1" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint	99.89	4.18
07 95 13 16-0004	LF		2" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint	121.15	4.18
07 95 13 16-0005	LF		3" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint	135.80	4.18
07 95 13 16-0006			Roof To Wall <small>(07 95 13 16-0001)</small>		
07 95 13 16-0007	LF		1" Opening Aluminum Assemblies, Exterior Roof To Wall Expansion Joint	73.26	4.18
07 95 13 16-0008	LF		2" Opening Aluminum Assemblies, Exterior Roof To Wall Expansion Joint	99.28	4.18
07 95 13 16-0009			Flat Wall To Wall <small>(07 95 13 16-0001)</small>		
07 95 13 16-0010	LF		1" Opening Aluminum Assemblies, Exterior Wall To Wall Expansion Joint	53.85	4.18
07 95 13 16-0011	LF		2" Opening Aluminum Assemblies, Exterior Wall To Wall Expansion Joint	69.46	4.18
07 95 13 16-0012	LF		3" Opening Aluminum Assemblies, Exterior Wall To Wall Expansion Joint	88.31	4.18
07 95 13 16-0013			Corner To Flat Wall <small>(07 95 13 16-0001)</small>		
07 95 13 16-0014	LF		1" Opening Aluminum Assemblies, Exterior Corner To Wall Expansion Joint	50.24	4.18
07 95 13 16-0015	LF		2" Opening Aluminum Assemblies, Exterior Corner To Wall Expansion Joint	60.65	4.18
07 95 13 16-0016	LF		3" Opening Aluminum Assemblies, Exterior Corner To Wall Expansion Joint	89.90	4.18

END OF SECTION 07

07 Thermal And Moisture Protection

07 90 Joint Protection

07 95 Expansion Control

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 Openings

08 01 Operation and Maintenance of Openings ⁽⁰⁸⁾

08 01 10 Operation and Maintenance of Doors and Frames ^(08 01)

08 01 11 Operation and Maintenance of Metal Doors and Frames ^(08 01 10)

08 01 11 61 Metal Doors and Frames Repair ^(08 01 11)

08 01 11 61-0001	Hollow Metal Door Repair ^(08 01 11 61)	
	Note: Repairs are based on holes or damage of less than 1/2 of a square foot.	
08 01 11 61-0002	EA Up To 1 SI, Patch Small Drill Holes	20.59
	Note: Per hinge location - sand to bare metal, mix/patch with bondo, fine grit sand smooth for finish	
08 01 11 61-0003	EA >1 To 6 SI, Patch Small Drill Holes.....	41.32
	Note: Per hinge location - sand to bare metal, mix/patch with bondo, fine grit sand smooth for finish	
08 01 11 61-0004	LF Patch Deep Scrapes Or Cuts In Doors.....	49.78

08 01 50 Operation and Maintenance of Windows ^(08 01)

08 01 52 Operation and Maintenance of Wood Windows ^(08 01 50)

08 01 52 61 Wood Window Repairs ^(08 01 52)

08 01 52 61-0001	Window Restoration And Replacement ^(08 01 52 61)	
08 01 52 61-0002	EA Removal And Replacement Of Sash Guides.....	13.11
08 01 52 61-0003	EA Removal And Replacement Of Window Arms	37.32
08 01 52 61-0004	EA Removal And Replacement Of Window Crank Operator.....	41.99
08 01 52 61-0005	EA Removal And Replacement Of Brass Window Sash Pull.....	26.08
08 01 52 61-0006	EA Removal And Replacement Of Brass Window Sash Lock.....	23.31
08 01 52 61-0007	EA Removal And Replacement Of Window Balance, Removable Sash Window.....	28.60
	Note: Channel, spiral or coil balance.	
08 01 52 61-0008	EA Removal And Replacement Of Window Balance, Sash Window, Wooden Stops And/Or Casing.....	86.78
	Note: Channel, spiral or coil balance.	
	<i>For Replacing Two Balances In One Window, Deduct</i>	-32.12

08 01 80 Maintenance of Glazing ^(08 01)

08 01 81 Maintenance of Glass Glazing ^(08 01 80)

08 01 81 10 Maintenance of Glass Glazing ^(08 01 81)

08 01 81 10-0001	Glazing Compound Repair ^(08 01 81 10)	
08 01 81 10-0002	LF Removal And Replacement Of Up To 1/2" Wide Damaged, Broken Or Cracked Window Glazing (For Glazing Compound Repair).....	6.08

08 05 Common Work Results for Openings ⁽⁰⁸⁾

08 05 13 Door Options and Modifications ^(08 05)

Note: Excludes removal and reinstallation of door.

08 05 13 00-0001	Door Vision Panels (Pemko LT-S1) ^(08 05 13)	
	Note: Factory primed or powder coated. See CSI section 08 81 00 00-0000 for glazing.	
08 05 13 00-0002	EA For Up To 1 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	141.23
	<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>	70.62
08 05 13 00-0003	EA For >1 To 2 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	178.77
	<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>	89.39
08 05 13 00-0004	EA For >2 To 4 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	207.37
	<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>	103.69
08 05 13 00-0005	EA For >4 To 6 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	264.58
	<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>	132.29
08 05 13 00-0006	EA For >6 To 8 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	343.24
	<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>	171.62
08 05 13 00-0007	EA For >8 To 10 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	437.98
	<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>	218.99
08 05 13 00-0008	EA For >10 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	464.80
	<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>	232.40
08 05 13 00-0009	EA For Up To 1 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	244.75
	<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>	64.20
08 05 13 00-0010	EA For >1 To 2 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	290.52
	<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>	81.26
08 05 13 00-0011	EA For >2 To 4 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	328.15
	<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>	94.26

08 Openings**08 05 Common Work Results for Openings****08 05 13 Door Options and Modifications**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 05 13 00-0012	EA	For >4 To 6 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	391.80
		For 9/16" To 1-1/16" Glazing Pocket, Add	120.27
08 05 13 00-0013	EA	For >6 To 8 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	474.94
		For 9/16" To 1-1/16" Glazing Pocket, Add	156.02
08 05 13 00-0014	EA	For >8 To 10 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	572.71
		For 9/16" To 1-1/16" Glazing Pocket, Add	199.09
08 05 13 00-0015	EA	For >10 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	608.73
		For 9/16" To 1-1/16" Glazing Pocket, Add	211.28
08 05 13 00-0016		Door Louvers, Inverted "Y" 50% Free Air (Pemko LV-IY) <small>(08 05 13)</small>	
		Note: Factory primed or powder coated.	
08 05 13 00-0017	EA	For Up To 1 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	134.13
08 05 13 00-0018	EA	For >1 To 2 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	152.36
08 05 13 00-0019	EA	For >2 To 4 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	207.04
08 05 13 00-0020	EA	For >4 To 6 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	386.10
08 05 13 00-0021	EA	For >6 To 8 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	477.42
08 05 13 00-0022	EA	For >8 To 10 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	570.22
08 05 13 00-0023	EA	For >10 To 14 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	744.03
08 05 13 00-0024	EA	For >14 To 18 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	875.79
		For 18 Gauge Louver And 18 Gauge Frame, Add	105.09
08 05 13 00-0025	EA	For Up To 1 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	221.40
08 05 13 00-0026	EA	For >1 To 2 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	248.35
08 05 13 00-0027	EA	For >2 To 4 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	311.76
08 05 13 00-0028	EA	For >4 To 6 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	499.55
08 05 13 00-0029	EA	For >6 To 8 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	599.60
08 05 13 00-0030	EA	For >8 To 10 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	701.12
08 05 13 00-0031	EA	For >10 To 14 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	883.66
08 05 13 00-0032	EA	For >14 To 18 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	1,021.24
		For 18 Gauge Louver And 18 Gauge Frame, Add	105.09
08 05 13 00-0033		Fire Rated Fusible Link Louvers (Pemko LV-FL) <small>(08 05 13)</small>	
		Note: Factory primed or powder coated.	
08 05 13 00-0034	EA	For Up To 1 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z" Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	271.52
08 05 13 00-0035	EA	For >1 To 2 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z" Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	310.68
08 05 13 00-0036	EA	For >2 To 4 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z" Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	364.92
08 05 13 00-0037	EA	For Up To 1 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z" Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	376.24
08 05 13 00-0038	EA	For >1 To 2 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z" Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	427.04
08 05 13 00-0039	EA	For >2 To 4 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z" Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	490.59
08 05 13 00-0040		Door Hardware Preparation <small>(08 05 13)</small>	
08 05 13 00-0041	EA	Factory Prepare Wood Door (Rated Or Non-Rated) For Mortise Lockset Hardware	87.23
08 05 13 00-0042	EA	Prepare Existing Wood Door (Rated) For Mortise Lockset Hardware	215.18
		Note: Requires door to be taken off site for UL certification.	
08 05 13 00-0043	EA	Prepare Existing Wood Door (Non-Rated) For Mortise Lockset Hardware	98.86
08 05 13 00-0044	EA	Prepare Existing Wood Door (Rated) For Cylindrical Lockset Hardware	174.48
		Note: Requires door to be taken off site for UL certification.	
08 05 13 00-0045	EA	Prepare Existing Wood Door (Non-Rated) For Cylindrical Lockset Hardware	29.08
08 05 13 00-0046	EA	Prepare Existing Wood Door (Rated) For Concealed Vertical Rod	319.90
		Note: Requires door to be taken off site for UL certification.	
08 05 13 00-0047	EA	Prepare Existing Wood Door (Non-Rated) For Concealed Vertical Rod	203.54
08 05 13 00-0048	EA	Prepare Existing Wood Door (Rated) For Electric Hardware	215.18
		Note: Requires door to be taken off site for UL certification.	
08 05 13 00-0049	EA	Prepare Existing Door (Non-Rated) For Electric Hardware	98.86
08 05 13 00-0050		Door Modifications <small>(08 05 13)</small>	
08 05 13 00-0051	EA	Factory Installed Sound Proofing (STC 28) In Metal Door	182.31
08 05 13 00-0052	SF	For 16 Gauge Steel Metal Plate Bolted On Door	33.29
		Note: Includes mounting hardware.	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 05 13 00-0053	EA			Trim Bottom Of Existing Steel Door For Installation Of Carpet Or Tile 104.72 Note: Excludes removal and reinstallation of door.	104.72	
08 05 13 00-0054	EA			Trim Bottom Of Existing Wood Door For Installation Of Carpet Or Tile 52.72 Note: Excludes removal and reinstallation of door.	52.72	
08 05 13 00-0055	EA			Modify Metal Door Frame For Door Swing 1,312.33 Note: Includes removal of door; install blank hinge plates, new continuous hinge, blank strike plate, new strike plate and reinstallation of door.	1,312.33	
08 05 13 00-0056	EA			Removal And Reinstallation Of Door 98.90	98.90	
08 05 13 00-0057	EA			Removal And Reinstallation Of Metal Door Frame 193.93	193.93	
08 05 13 00-0058	EA			Removal And Reinstallation Of Wood Door Frame 117.14	117.14	
08 05 13 00-0059	EA			For Factory Installed Fire Bottom Seal In Wood Door, Add 140.43	140.43	
08 05 13 00-0060	EA			For Factory Installed Fire Bottom Seal In Steel Door, Add 163.87	163.87	
08 05 13 00-0061	EA			Factory Trim Wood Door Edge For Custom Width 76.14	76.14	

08 10 Doors and Frames (08)

08 11 Metal Doors and Frames (08 10)

08 11 63 Metal Screen and Storm Doors and Frames (08 11)

08 11 63 13 Steel Screen and Storm Doors and Frames (08 11 63)

08 11 63 13-0001				Steel Screen Door <small>(08 11 63 13)</small> Note: Includes frame, trim, necessary anchors and hardware (closures, chain and spring, latching, screens, etc.).		
08 11 63 13-0002	EA			2'-8" x 7', Residential, Steel Screen Door With Frame, Trim, Hardware 1,193.76	1,193.76	160.00
08 11 63 13-0003	EA			3' x 7' Steel Screen Door, Residential, With Frame, Trim, Hardware 1,205.44	1,205.44	165.82
08 11 63 13-0004	EA			Steel Combination Type Residential Storm Door, With Mesh And Tempered Glass With Frame, Trim, Hardware 1,323.92	1,323.92	165.82

08 11 63 23 Aluminum Screen and Storm Doors and Frames (08 11 63)

08 11 63 23-0001				Aluminum Combination Type With Tempered Glass At Top And Bottom <small>(08 11 63 23)</small> Note: Includes frame trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).		
08 11 63 23-0002	EA			Aluminum Combination Type Residential Storm Door, Tempered Glass Top With Frame, Trim, Hardware 1,057.30 <i>For Special Finished, Add</i> 98.95	1,057.30	93.09
08 11 63 23-0003	EA			Aluminum Combination Type Residential Storm Door, Tempered Glass Top And Bottom With Frame, Trim, Hardware 1,112.91	1,112.91	93.09
08 11 63 23-0004	EA			Aluminum Screen Door 309.15	309.15	58.16
08 11 63 23-0005	SF			Repair Screen Door 9.60	9.60	

08 11 73 Sliding Metal Fire Doors (08 11)

08 11 73 00-0001				Motor Operated Fire Door <small>(08 11 73)</small> Note: With fusible link, 3 hour rating. Excludes electrical hook-up of motor.		
08 11 73 00-0002	EA			3' x 6' 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating 5,018.09	5,018.09	522.73
08 11 73 00-0003	EA			3' 8" x 6' 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating 5,461.12	5,461.12	522.73
08 11 73 00-0004	EA			4' x 8' Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating 6,212.46	6,212.46	522.73
08 11 73 00-0005	EA			5' x 8' Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating 7,018.82	7,018.82	522.73

08 12 Metal Frames (08 10)

Note: Includes perimeter caulk, sealant (as required), anchors and silencers.

08 12 13 Hollow Metal Frames (08 12)

08 12 13 13 Standard Hollow Metal Frames (08 12 13)

Note: Shop prime coat. See CSI section 04 05 16 26-0017 for grouting frames.

08 12 13 13-0001				4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames <small>(08 12 13 13)</small> Note: For non-rated or fire rated frame assemblies		
08 12 13 13-0002				6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames <small>(08 12 13 13-0001)</small>		
08 12 13 13-0003	EA			2' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame 340.90 <i>For Auxiliary Frame Reinforcement For Hinges, Add</i> 24.95 <i>For Welded Frames, Add</i> 96.98 <i>For Galvanized Frames, Add</i> 19.96 <i>For Type 304 Stainless Steel Frame, Add</i> 308.18 <i>For Type 316 Stainless Steel Frame, Add</i> 358.08 <i>For Baked Enamel Finish, Add</i> 76.09 <i>For 18 Gauge Frame, Deduct</i> -16.64 <i>For 14 Gauge Frame, Add</i> 41.59 <i>For 12 Gauge Frame, Add</i> 63.22	340.90	87.27
08 12 13 13-0004	EA			2'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame 390.04 <i>For Auxiliary Frame Reinforcement For Hinges, Add</i> 29.71 <i>For Welded Frames, Add</i> 96.98 <i>For Galvanized Frames, Add</i> 23.76 <i>For Type 304 Stainless Steel Frame, Add</i> 366.07 <i>For Type 316 Stainless Steel Frame, Add</i> 425.48 <i>For Baked Enamel Finish, Add</i> 88.21 <i>For 18 Gauge Frame, Deduct</i> -19.80 <i>For 14 Gauge Frame, Add</i> 49.51 <i>For 12 Gauge Frame, Add</i> 75.26	390.04	95.99

08 Openings

08 10 Doors and Frames

08 12 Metal Frames

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 12 13 13-0005	EA	2'-8" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	404.85	101.81
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	30.18	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	24.15	
		<i>For Type 304 Stainless Steel Frame, Add</i>	372.36	
		<i>For Type 316 Stainless Steel Frame, Add</i>	432.72	
		<i>For Baked Enamel Finish, Add</i>	90.91	
		<i>For 18 Gauge Frame, Deduct</i>	-20.12	
		<i>For 14 Gauge Frame, Add</i>	50.30	
		<i>For 12 Gauge Frame, Add</i>	76.46	
08 12 13 13-0006	EA	2'-8" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	422.30	110.54
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	30.18	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	24.15	
		<i>For Type 304 Stainless Steel Frame, Add</i>	373.23	
		<i>For Type 316 Stainless Steel Frame, Add</i>	433.60	
		<i>For Baked Enamel Finish, Add</i>	93.53	
		<i>For 18 Gauge Frame, Deduct</i>	-20.12	
		<i>For 14 Gauge Frame, Add</i>	50.30	
		<i>For 12 Gauge Frame, Add</i>	76.46	
08 12 13 13-0007	EA	2'-10" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	431.29	113.45
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	30.66	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	24.53	
		<i>For Type 304 Stainless Steel Frame, Add</i>	379.23	
		<i>For Type 316 Stainless Steel Frame, Add</i>	440.54	
		<i>For Baked Enamel Finish, Add</i>	95.35	
		<i>For 18 Gauge Frame, Deduct</i>	-20.44	
		<i>For 14 Gauge Frame, Add</i>	51.10	
		<i>For 12 Gauge Frame, Add</i>	77.66	
08 12 13 13-0008	EA	3' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	440.28	116.36
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	31.13	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	24.91	
		<i>For Type 304 Stainless Steel Frame, Add</i>	385.23	
		<i>For Type 316 Stainless Steel Frame, Add</i>	447.49	
		<i>For Baked Enamel Finish, Add</i>	97.17	
		<i>For 18 Gauge Frame, Deduct</i>	-20.76	
		<i>For 14 Gauge Frame, Add</i>	51.89	
		<i>For 12 Gauge Frame, Add</i>	78.87	
08 12 13 13-0009	EA	3'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	466.16	122.18
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	33.27	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	26.62	
		<i>For Type 304 Stainless Steel Frame, Add</i>	411.48	
		<i>For Type 316 Stainless Steel Frame, Add</i>	478.02	
		<i>For Baked Enamel Finish, Add</i>	103.20	
		<i>For 18 Gauge Frame, Deduct</i>	-22.18	
		<i>For 14 Gauge Frame, Add</i>	55.45	
		<i>For 12 Gauge Frame, Add</i>	84.29	
08 12 13 13-0010	EA	3'-6" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	477.80	128.00
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	33.27	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	26.62	
		<i>For Type 304 Stainless Steel Frame, Add</i>	412.06	
		<i>For Type 316 Stainless Steel Frame, Add</i>	478.60	
		<i>For Baked Enamel Finish, Add</i>	104.94	
		<i>For 18 Gauge Frame, Deduct</i>	-22.18	
		<i>For 14 Gauge Frame, Add</i>	55.45	
		<i>For 12 Gauge Frame, Add</i>	84.29	
08 12 13 13-0011	EA	4' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	497.36	133.81
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	34.46	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	27.57	
		<i>For Type 304 Stainless Steel Frame, Add</i>	426.90	
		<i>For Type 316 Stainless Steel Frame, Add</i>	495.81	
		<i>For Baked Enamel Finish, Add</i>	109.06	
		<i>For 18 Gauge Frame, Deduct</i>	-22.97	
		<i>For 14 Gauge Frame, Add</i>	57.43	
		<i>For 12 Gauge Frame, Add</i>	87.30	
08 12 13 13-0012	EA	5' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	516.92	139.63
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	35.65	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	28.52	
		<i>For Type 304 Stainless Steel Frame, Add</i>	441.73	
		<i>For Type 316 Stainless Steel Frame, Add</i>	513.03	
		<i>For Baked Enamel Finish, Add</i>	113.19	
		<i>For 18 Gauge Frame, Deduct</i>	-23.77	
		<i>For 14 Gauge Frame, Add</i>	59.41	
		<i>For 12 Gauge Frame, Add</i>	90.31	
08 12 13 13-0013	EA	5'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	528.55	145.45
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	35.65	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	28.52	
		<i>For Type 304 Stainless Steel Frame, Add</i>	442.32	
		<i>For Type 316 Stainless Steel Frame, Add</i>	513.61	
		<i>For Baked Enamel Finish, Add</i>	114.93	
		<i>For 18 Gauge Frame, Deduct</i>	-23.77	
		<i>For 14 Gauge Frame, Add</i>	59.41	
		<i>For 12 Gauge Frame, Add</i>	90.31	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 12 13 13-0014	EA		5'-8" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	538.33	148.36
			For Auxiliary Frame Reinforcement For Hinges, Add	36.24	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	28.99	
			For Type 304 Stainless Steel Frame, Add	449.73	
			For Type 316 Stainless Steel Frame, Add	522.22	
			For Baked Enamel Finish, Add	116.99	
			For 18 Gauge Frame, Deduct	-24.16	
			For 14 Gauge Frame, Add	60.40	
			For 12 Gauge Frame, Add	91.81	
08 12 13 13-0015	EA		6' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	548.12	151.27
			For Auxiliary Frame Reinforcement For Hinges, Add	36.84	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	29.47	
			For Type 304 Stainless Steel Frame, Add	457.17	
			For Type 316 Stainless Steel Frame, Add	530.85	
			For Baked Enamel Finish, Add	119.06	
			For 18 Gauge Frame, Deduct	-24.56	
			For 14 Gauge Frame, Add	61.40	
			For 12 Gauge Frame, Add	93.32	
08 12 13 13-0016	EA		7' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	569.78	154.18
			For Auxiliary Frame Reinforcement For Hinges, Add	39.21	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	31.37	
			For Type 304 Stainless Steel Frame, Add	485.97	
			For Type 316 Stainless Steel Frame, Add	564.40	
			For Baked Enamel Finish, Add	124.68	
			For 18 Gauge Frame, Deduct	-26.14	
			For 14 Gauge Frame, Add	65.36	
			For 12 Gauge Frame, Add	99.34	
08 12 13 13-0017	EA		8' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	591.44	157.09
			For Auxiliary Frame Reinforcement For Hinges, Add	41.59	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	33.27	
			For Type 304 Stainless Steel Frame, Add	514.78	
			For Type 316 Stainless Steel Frame, Add	597.96	
			For Baked Enamel Finish, Add	130.31	
			For 18 Gauge Frame, Deduct	-27.73	
			For 14 Gauge Frame, Add	69.32	
			For 12 Gauge Frame, Add	105.36	
08 12 13 13-0018			>7'-2" Through 9'-0" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames <small>(08 12 13 13-0001)</small>		
08 12 13 13-0019	EA		2' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	359.38	87.27
			For Auxiliary Frame Reinforcement For Hinges, Add	27.73	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	22.18	
			For Type 304 Stainless Steel Frame, Add	341.44	
			For Type 316 Stainless Steel Frame, Add	396.89	
			For Baked Enamel Finish, Add	81.63	
			For 18 Gauge Frame, Deduct	-18.48	
			For 14 Gauge Frame, Add	46.21	
			For 12 Gauge Frame, Add	70.24	
08 12 13 13-0020	EA		2'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	412.05	95.99
			For Auxiliary Frame Reinforcement For Hinges, Add	33.01	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	26.41	
			For Type 304 Stainless Steel Frame, Add	405.69	
			For Type 316 Stainless Steel Frame, Add	471.71	
			For Baked Enamel Finish, Add	94.82	
			For 18 Gauge Frame, Deduct	-22.01	
			For 14 Gauge Frame, Add	55.01	
			For 12 Gauge Frame, Add	83.62	
08 12 13 13-0021	EA		2'-6" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	427.21	101.81
			For Auxiliary Frame Reinforcement For Hinges, Add	33.54	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	26.83	
			For Type 304 Stainless Steel Frame, Add	412.61	
			For Type 316 Stainless Steel Frame, Add	479.68	
			For Baked Enamel Finish, Add	97.62	
			For 18 Gauge Frame, Deduct	-22.36	
			For 14 Gauge Frame, Add	55.89	
			For 12 Gauge Frame, Add	84.96	
08 12 13 13-0022	EA		2'-8" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	444.66	110.54
			For Auxiliary Frame Reinforcement For Hinges, Add	33.54	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	26.83	
			For Type 304 Stainless Steel Frame, Add	413.48	
			For Type 316 Stainless Steel Frame, Add	480.55	
			For Baked Enamel Finish, Add	100.23	
			For 18 Gauge Frame, Deduct	-22.36	
			For 14 Gauge Frame, Add	55.89	
			For 12 Gauge Frame, Add	84.96	

08 Openings

08 10 Doors and Frames

08 12 Metal Frames

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 12 13 13-0023	EA	2'-10" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	454.00	113.45
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	34.06	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	27.25	
		<i>For Type 304 Stainless Steel Frame, Add</i>	420.11	
		<i>For Type 316 Stainless Steel Frame, Add</i>	488.23	
		<i>For Baked Enamel Finish, Add</i>	102.16	
		<i>For 18 Gauge Frame, Deduct</i>	-22.71	
		<i>For 14 Gauge Frame, Add</i>	56.77	
		<i>For 12 Gauge Frame, Add</i>	86.29	
08 12 13 13-0024	EA	3' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	463.34	116.36
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	34.59	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	27.67	
		<i>For Type 304 Stainless Steel Frame, Add</i>	426.73	
		<i>For Type 316 Stainless Steel Frame, Add</i>	495.92	
		<i>For Baked Enamel Finish, Add</i>	104.09	
		<i>For 18 Gauge Frame, Deduct</i>	-23.06	
		<i>For 14 Gauge Frame, Add</i>	57.65	
		<i>For 12 Gauge Frame, Add</i>	87.63	
08 12 13 13-0025	EA	3'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	490.81	122.18
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	36.97	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	29.58	
		<i>For Type 304 Stainless Steel Frame, Add</i>	455.85	
		<i>For Type 316 Stainless Steel Frame, Add</i>	529.78	
		<i>For Baked Enamel Finish, Add</i>	110.59	
		<i>For 18 Gauge Frame, Deduct</i>	-24.65	
		<i>For 14 Gauge Frame, Add</i>	61.62	
		<i>For 12 Gauge Frame, Add</i>	93.65	
08 12 13 13-0026	EA	3'-6" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	502.45	128.00
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	36.97	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	29.58	
		<i>For Type 304 Stainless Steel Frame, Add</i>	456.43	
		<i>For Type 316 Stainless Steel Frame, Add</i>	530.37	
		<i>For Baked Enamel Finish, Add</i>	112.34	
		<i>For 18 Gauge Frame, Deduct</i>	-24.65	
		<i>For 14 Gauge Frame, Add</i>	61.62	
		<i>For 12 Gauge Frame, Add</i>	93.65	
08 12 13 13-0027	EA	4' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	522.89	133.81
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	38.29	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	30.63	
		<i>For Type 304 Stainless Steel Frame, Add</i>	472.85	
		<i>For Type 316 Stainless Steel Frame, Add</i>	549.43	
		<i>For Baked Enamel Finish, Add</i>	116.72	
		<i>For 18 Gauge Frame, Deduct</i>	-25.53	
		<i>For 14 Gauge Frame, Add</i>	63.82	
		<i>For 12 Gauge Frame, Add</i>	97.00	
08 12 13 13-0028	EA	5' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	543.33	139.63
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	39.61	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	31.69	
		<i>For Type 304 Stainless Steel Frame, Add</i>	489.27	
		<i>For Type 316 Stainless Steel Frame, Add</i>	568.49	
		<i>For Baked Enamel Finish, Add</i>	121.11	
		<i>For 18 Gauge Frame, Deduct</i>	-26.41	
		<i>For 14 Gauge Frame, Add</i>	66.02	
		<i>For 12 Gauge Frame, Add</i>	100.34	
08 12 13 13-0029	EA	5'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	554.96	145.45
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	39.61	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	31.69	
		<i>For Type 304 Stainless Steel Frame, Add</i>	489.85	
		<i>For Type 316 Stainless Steel Frame, Add</i>	569.07	
		<i>For Baked Enamel Finish, Add</i>	122.85	
		<i>For 18 Gauge Frame, Deduct</i>	-26.41	
		<i>For 14 Gauge Frame, Add</i>	66.02	
		<i>For 12 Gauge Frame, Add</i>	100.34	
08 12 13 13-0030	EA	5'-8" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	565.18	148.36
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	40.27	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	32.22	
		<i>For Type 304 Stainless Steel Frame, Add</i>	498.06	
		<i>For Type 316 Stainless Steel Frame, Add</i>	578.60	
		<i>For Baked Enamel Finish, Add</i>	125.05	
		<i>For 18 Gauge Frame, Deduct</i>	-26.85	
		<i>For 14 Gauge Frame, Add</i>	67.12	
		<i>For 12 Gauge Frame, Add</i>	102.01	
08 12 13 13-0031	EA	6' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	575.40	151.27
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	40.93	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	32.74	
		<i>For Type 304 Stainless Steel Frame, Add</i>	506.28	
		<i>For Type 316 Stainless Steel Frame, Add</i>	588.13	
		<i>For Baked Enamel Finish, Add</i>	127.24	
		<i>For 18 Gauge Frame, Deduct</i>	-27.29	
		<i>For 14 Gauge Frame, Add</i>	68.22	
		<i>For 12 Gauge Frame, Add</i>	103.69	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0032	EA	7' x >7'-2"	Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	598.83	154.18
			For Auxiliary Frame Reinforcement For Hinges, Add	43.57	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	34.86	
			For Type 304 Stainless Steel Frame, Add	538.26	
			For Type 316 Stainless Steel Frame, Add	625.41	
			For Baked Enamel Finish, Add	133.40	
			For 18 Gauge Frame, Deduct	-29.05	
			For 14 Gauge Frame, Add	72.62	
			For 12 Gauge Frame, Add	110.38	
08 12 13 13-0033	EA	8' x >7'-2"	Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	622.25	157.09
			For Auxiliary Frame Reinforcement For Hinges, Add	46.21	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	36.97	
			For Type 304 Stainless Steel Frame, Add	570.24	
			For Type 316 Stainless Steel Frame, Add	662.66	
			For Baked Enamel Finish, Add	139.55	
			For 18 Gauge Frame, Deduct	-30.81	
			For 14 Gauge Frame, Add	77.02	
			For 12 Gauge Frame, Add	117.07	
08 12 13 13-0034			5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13)		
			Note: For non-rated or fire rated frame assemblies		
08 12 13 13-0035			6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0034)		
08 12 13 13-0036	EA	2' x 6'-8"	Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	359.38	87.27
			For Auxiliary Frame Reinforcement For Hinges, Add	27.73	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	22.18	
			For Type 304 Stainless Steel Frame, Add	341.44	
			For Type 316 Stainless Steel Frame, Add	396.89	
			For Baked Enamel Finish, Add	81.63	
			For 18 Gauge Frame, Deduct	-18.48	
			For 14 Gauge Frame, Add	46.21	
			For 12 Gauge Frame, Add	70.24	
08 12 13 13-0037	EA	2'-4" x 6'-8"	Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	412.05	95.99
			For Auxiliary Frame Reinforcement For Hinges, Add	33.01	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	26.41	
			For Type 304 Stainless Steel Frame, Add	405.69	
			For Type 316 Stainless Steel Frame, Add	471.71	
			For Baked Enamel Finish, Add	94.82	
			For 18 Gauge Frame, Deduct	-22.01	
			For 14 Gauge Frame, Add	55.01	
			For 12 Gauge Frame, Add	83.62	
08 12 13 13-0038	EA	2'-6" x 6'-8"	Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	427.21	101.81
			For Auxiliary Frame Reinforcement For Hinges, Add	33.54	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	26.83	
			For Type 304 Stainless Steel Frame, Add	412.61	
			For Type 316 Stainless Steel Frame, Add	479.68	
			For Baked Enamel Finish, Add	97.62	
			For 18 Gauge Frame, Deduct	-22.36	
			For 14 Gauge Frame, Add	55.89	
			For 12 Gauge Frame, Add	84.96	
08 12 13 13-0039	EA	2'-8" x 6'-8"	Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	444.66	110.54
			For Auxiliary Frame Reinforcement For Hinges, Add	33.54	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	26.83	
			For Type 304 Stainless Steel Frame, Add	413.48	
			For Type 316 Stainless Steel Frame, Add	480.55	
			For Baked Enamel Finish, Add	100.23	
			For 18 Gauge Frame, Deduct	-22.36	
			For 14 Gauge Frame, Add	55.89	
			For 12 Gauge Frame, Add	84.96	
08 12 13 13-0040	EA	2'-10" x 6'-8"	Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	454.00	113.45
			For Auxiliary Frame Reinforcement For Hinges, Add	34.06	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	27.25	
			For Type 304 Stainless Steel Frame, Add	420.11	
			For Type 316 Stainless Steel Frame, Add	488.23	
			For Baked Enamel Finish, Add	102.16	
			For 18 Gauge Frame, Deduct	-22.71	
			For 14 Gauge Frame, Add	56.77	
			For 12 Gauge Frame, Add	86.29	
08 12 13 13-0041	EA	3' x 6'-8"	Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	463.34	116.36
			For Auxiliary Frame Reinforcement For Hinges, Add	34.59	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	27.67	
			For Type 304 Stainless Steel Frame, Add	426.73	
			For Type 316 Stainless Steel Frame, Add	495.92	
			For Baked Enamel Finish, Add	104.09	
			For 18 Gauge Frame, Deduct	-23.06	
			For 14 Gauge Frame, Add	57.65	
			For 12 Gauge Frame, Add	87.63	

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 12 13 13-0042	EA	3'-6" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	490.81	122.18
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	36.97	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	29.58	
		<i>For Type 304 Stainless Steel Frame, Add</i>	455.85	
		<i>For Type 316 Stainless Steel Frame, Add</i>	529.78	
		<i>For Baked Enamel Finish, Add</i>	110.59	
		<i>For 18 Gauge Frame, Deduct</i>	-24.65	
		<i>For 14 Gauge Frame, Add</i>	61.62	
		<i>For 12 Gauge Frame, Add</i>	93.65	
08 12 13 13-0043	EA	3'-6" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	502.45	128.00
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	36.97	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	29.58	
		<i>For Type 304 Stainless Steel Frame, Add</i>	456.43	
		<i>For Type 316 Stainless Steel Frame, Add</i>	530.37	
		<i>For Baked Enamel Finish, Add</i>	112.34	
		<i>For 18 Gauge Frame, Deduct</i>	-24.65	
		<i>For 14 Gauge Frame, Add</i>	61.62	
		<i>For 12 Gauge Frame, Add</i>	93.65	
08 12 13 13-0044	EA	4' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	522.89	133.81
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	38.29	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	30.63	
		<i>For Type 304 Stainless Steel Frame, Add</i>	472.85	
		<i>For Type 316 Stainless Steel Frame, Add</i>	549.43	
		<i>For Baked Enamel Finish, Add</i>	116.72	
		<i>For 18 Gauge Frame, Deduct</i>	-25.53	
		<i>For 14 Gauge Frame, Add</i>	63.82	
		<i>For 12 Gauge Frame, Add</i>	97.00	
08 12 13 13-0045	EA	5' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	543.33	139.63
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	39.61	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	31.69	
		<i>For Type 304 Stainless Steel Frame, Add</i>	489.27	
		<i>For Type 316 Stainless Steel Frame, Add</i>	568.49	
		<i>For Baked Enamel Finish, Add</i>	121.11	
		<i>For 18 Gauge Frame, Deduct</i>	-26.41	
		<i>For 14 Gauge Frame, Add</i>	66.02	
		<i>For 12 Gauge Frame, Add</i>	100.34	
08 12 13 13-0046	EA	5'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	554.96	145.45
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	39.61	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	31.69	
		<i>For Type 304 Stainless Steel Frame, Add</i>	489.85	
		<i>For Type 316 Stainless Steel Frame, Add</i>	569.07	
		<i>For Baked Enamel Finish, Add</i>	122.85	
		<i>For 18 Gauge Frame, Deduct</i>	-26.41	
		<i>For 14 Gauge Frame, Add</i>	66.02	
		<i>For 12 Gauge Frame, Add</i>	100.34	
08 12 13 13-0047	EA	5'-8" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	565.18	148.36
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	40.27	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	32.22	
		<i>For Type 304 Stainless Steel Frame, Add</i>	498.06	
		<i>For Type 316 Stainless Steel Frame, Add</i>	578.60	
		<i>For Baked Enamel Finish, Add</i>	125.05	
		<i>For 18 Gauge Frame, Deduct</i>	-26.85	
		<i>For 14 Gauge Frame, Add</i>	67.12	
		<i>For 12 Gauge Frame, Add</i>	102.01	
08 12 13 13-0048	EA	6' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	575.40	151.27
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	40.93	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	32.74	
		<i>For Type 304 Stainless Steel Frame, Add</i>	506.28	
		<i>For Type 316 Stainless Steel Frame, Add</i>	588.13	
		<i>For Baked Enamel Finish, Add</i>	127.24	
		<i>For 18 Gauge Frame, Deduct</i>	-27.29	
		<i>For 14 Gauge Frame, Add</i>	68.22	
		<i>For 12 Gauge Frame, Add</i>	103.69	
08 12 13 13-0049	EA	7' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	598.83	154.18
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	43.57	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	34.86	
		<i>For Type 304 Stainless Steel Frame, Add</i>	538.26	
		<i>For Type 316 Stainless Steel Frame, Add</i>	625.41	
		<i>For Baked Enamel Finish, Add</i>	133.40	
		<i>For 18 Gauge Frame, Deduct</i>	-29.05	
		<i>For 14 Gauge Frame, Add</i>	72.62	
		<i>For 12 Gauge Frame, Add</i>	110.38	
08 12 13 13-0050	EA	8' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	622.25	157.09
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	46.21	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	36.97	
		<i>For Type 304 Stainless Steel Frame, Add</i>	570.24	
		<i>For Type 316 Stainless Steel Frame, Add</i>	662.66	
		<i>For Baked Enamel Finish, Add</i>	139.55	
		<i>For 18 Gauge Frame, Deduct</i>	-30.81	
		<i>For 14 Gauge Frame, Add</i>	77.02	
		<i>For 12 Gauge Frame, Add</i>	117.07	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 12 13 13-0051 >7'-2" Through 9'-0" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0034)

08 12 13 13-0052	EA		2' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	379.92	87.27
			For Auxiliary Frame Reinforcement For Hinges, Add	30.81	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	24.65	
			For Type 304 Stainless Steel Frame, Add	378.41	
			For Type 316 Stainless Steel Frame, Add	440.03	
			For Baked Enamel Finish, Add	87.80	
			For 18 Gauge Frame, Deduct	-20.54	
			For 14 Gauge Frame, Add	51.35	
			For 12 Gauge Frame, Add	78.04	
08 12 13 13-0053	EA		2'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	436.50	95.99
			For Auxiliary Frame Reinforcement For Hinges, Add	36.68	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	29.34	
			For Type 304 Stainless Steel Frame, Add	449.70	
			For Type 316 Stainless Steel Frame, Add	523.05	
			For Baked Enamel Finish, Add	102.15	
			For 18 Gauge Frame, Deduct	-24.45	
			For 14 Gauge Frame, Add	61.13	
			For 12 Gauge Frame, Add	92.91	
08 12 13 13-0054	EA		2'-6" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	452.05	101.81
			For Auxiliary Frame Reinforcement For Hinges, Add	37.26	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	29.81	
			For Type 304 Stainless Steel Frame, Add	457.32	
			For Type 316 Stainless Steel Frame, Add	531.84	
			For Baked Enamel Finish, Add	105.07	
			For 18 Gauge Frame, Deduct	-24.84	
			For 14 Gauge Frame, Add	62.10	
			For 12 Gauge Frame, Add	94.40	
08 12 13 13-0055	EA		2'-8" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	469.50	110.54
			For Auxiliary Frame Reinforcement For Hinges, Add	37.26	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	29.81	
			For Type 304 Stainless Steel Frame, Add	458.19	
			For Type 316 Stainless Steel Frame, Add	532.72	
			For Baked Enamel Finish, Add	107.69	
			For 18 Gauge Frame, Deduct	-24.84	
			For 14 Gauge Frame, Add	62.10	
			For 12 Gauge Frame, Add	94.40	
08 12 13 13-0056	EA		2'-10" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	479.23	113.45
			For Auxiliary Frame Reinforcement For Hinges, Add	37.85	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	30.28	
			For Type 304 Stainless Steel Frame, Add	465.52	
			For Type 316 Stainless Steel Frame, Add	541.22	
			For Baked Enamel Finish, Add	109.73	
			For 18 Gauge Frame, Deduct	-25.23	
			For 14 Gauge Frame, Add	63.08	
			For 12 Gauge Frame, Add	95.88	
08 12 13 13-0057	EA		3' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	488.97	116.36
			For Auxiliary Frame Reinforcement For Hinges, Add	38.44	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	30.75	
			For Type 304 Stainless Steel Frame, Add	472.87	
			For Type 316 Stainless Steel Frame, Add	549.74	
			For Baked Enamel Finish, Add	111.78	
			For 18 Gauge Frame, Deduct	-25.62	
			For 14 Gauge Frame, Add	64.06	
			For 12 Gauge Frame, Add	97.37	
08 12 13 13-0058	EA		3'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	518.19	122.18
			For Auxiliary Frame Reinforcement For Hinges, Add	41.08	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	32.86	
			For Type 304 Stainless Steel Frame, Add	505.13	
			For Type 316 Stainless Steel Frame, Add	587.28	
			For Baked Enamel Finish, Add	118.80	
			For 18 Gauge Frame, Deduct	-27.38	
			For 14 Gauge Frame, Add	68.46	
			For 12 Gauge Frame, Add	104.06	
08 12 13 13-0059	EA		3'-6" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	529.83	128.00
			For Auxiliary Frame Reinforcement For Hinges, Add	41.08	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	32.86	
			For Type 304 Stainless Steel Frame, Add	505.71	
			For Type 316 Stainless Steel Frame, Add	587.86	
			For Baked Enamel Finish, Add	120.55	
			For 18 Gauge Frame, Deduct	-27.38	
			For 14 Gauge Frame, Add	68.46	
			For 12 Gauge Frame, Add	104.06	

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 12 13 13-0060	EA	4' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	551.25	133.81
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	42.54	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	34.03	
		<i>For Type 304 Stainless Steel Frame, Add</i>	523.90	
		<i>For Type 316 Stainless Steel Frame, Add</i>	608.98	
		<i>For Baked Enamel Finish, Add</i>	125.23	
		<i>For 18 Gauge Frame, Deduct</i>	-28.36	
		<i>For 14 Gauge Frame, Add</i>	70.91	
		<i>For 12 Gauge Frame, Add</i>	107.78	
08 12 13 13-0061	EA	5' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	572.67	139.63
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	44.01	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	35.21	
		<i>For Type 304 Stainless Steel Frame, Add</i>	542.08	
		<i>For Type 316 Stainless Steel Frame, Add</i>	630.10	
		<i>For Baked Enamel Finish, Add</i>	129.91	
		<i>For 18 Gauge Frame, Deduct</i>	-29.34	
		<i>For 14 Gauge Frame, Add</i>	73.35	
		<i>For 12 Gauge Frame, Add</i>	111.49	
08 12 13 13-0062	EA	5'-8" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	584.30	145.45
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	44.01	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	35.21	
		<i>For Type 304 Stainless Steel Frame, Add</i>	542.67	
		<i>For Type 316 Stainless Steel Frame, Add</i>	630.69	
		<i>For Baked Enamel Finish, Add</i>	131.66	
		<i>For 18 Gauge Frame, Deduct</i>	-29.34	
		<i>For 14 Gauge Frame, Add</i>	73.35	
		<i>For 12 Gauge Frame, Add</i>	111.49	
08 12 13 13-0063	EA	5'-8" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	595.01	148.36
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	44.74	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	35.79	
		<i>For Type 304 Stainless Steel Frame, Add</i>	551.76	
		<i>For Type 316 Stainless Steel Frame, Add</i>	641.25	
		<i>For Baked Enamel Finish, Add</i>	134.00	
		<i>For 18 Gauge Frame, Deduct</i>	-29.83	
		<i>For 14 Gauge Frame, Add</i>	74.57	
		<i>For 12 Gauge Frame, Add</i>	113.35	
08 12 13 13-0064	EA	6' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	605.72	151.27
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	45.48	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	36.38	
		<i>For Type 304 Stainless Steel Frame, Add</i>	560.85	
		<i>For Type 316 Stainless Steel Frame, Add</i>	651.81	
		<i>For Baked Enamel Finish, Add</i>	136.34	
		<i>For 18 Gauge Frame, Deduct</i>	-30.32	
		<i>For 14 Gauge Frame, Add</i>	75.80	
		<i>For 12 Gauge Frame, Add</i>	115.21	
08 12 13 13-0065	EA	7' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	631.10	154.18
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	48.41	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	38.73	
		<i>For Type 304 Stainless Steel Frame, Add</i>	596.35	
		<i>For Type 316 Stainless Steel Frame, Add</i>	693.17	
		<i>For Baked Enamel Finish, Add</i>	143.08	
		<i>For 18 Gauge Frame, Deduct</i>	-32.27	
		<i>For 14 Gauge Frame, Add</i>	80.69	
		<i>For 12 Gauge Frame, Add</i>	122.64	
08 12 13 13-0066	EA	8' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	656.48	157.09
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	51.35	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	41.08	
		<i>For Type 304 Stainless Steel Frame, Add</i>	631.85	
		<i>For Type 316 Stainless Steel Frame, Add</i>	734.54	
		<i>For Baked Enamel Finish, Add</i>	149.82	
		<i>For 18 Gauge Frame, Deduct</i>	-34.23	
		<i>For 14 Gauge Frame, Add</i>	85.58	
		<i>For 12 Gauge Frame, Add</i>	130.07	

08 12 13 13-0067 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13)

Note: For non-rated or fire rated frame assemblies

08 12 13 13-0068 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow

Metal Door Frames (08 12 13 13-0067)

08 12 13 13-0069	EA	2' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	467.17	87.27
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	43.89	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	35.12	
		<i>For Type 304 Stainless Steel Frame, Add</i>	535.46	
		<i>For Type 316 Stainless Steel Frame, Add</i>	623.25	
		<i>For Baked Enamel Finish, Add</i>	113.97	
		<i>For 18 Gauge Frame, Deduct</i>	-29.26	
		<i>For 14 Gauge Frame, Add</i>	73.16	
		<i>For 12 Gauge Frame, Add</i>	111.20	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0070	EA		2'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	540.36	95.99
			For Auxiliary Frame Reinforcement For Hinges, Add	52.25	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	41.80	
			For Type 304 Stainless Steel Frame, Add	636.65	
			For Type 316 Stainless Steel Frame, Add	741.16	
			For Baked Enamel Finish, Add	133.31	
			For 18 Gauge Frame, Deduct	-34.84	
			For 14 Gauge Frame, Add	87.09	
			For 12 Gauge Frame, Add	132.38	
08 12 13 13-0071	EA		2'-6" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	557.58	101.81
			For Auxiliary Frame Reinforcement For Hinges, Add	53.09	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	42.47	
			For Type 304 Stainless Steel Frame, Add	647.27	
			For Type 316 Stainless Steel Frame, Add	753.46	
			For Baked Enamel Finish, Add	136.73	
			For 18 Gauge Frame, Deduct	-35.39	
			For 14 Gauge Frame, Add	88.49	
			For 12 Gauge Frame, Add	134.50	
08 12 13 13-0072	EA		2'-8" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	575.03	110.54
			For Auxiliary Frame Reinforcement For Hinges, Add	53.09	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	42.47	
			For Type 304 Stainless Steel Frame, Add	648.15	
			For Type 316 Stainless Steel Frame, Add	754.33	
			For Baked Enamel Finish, Add	139.35	
			For 18 Gauge Frame, Deduct	-35.39	
			For 14 Gauge Frame, Add	88.49	
			For 12 Gauge Frame, Add	134.50	
08 12 13 13-0073	EA		2'-10" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	586.42	113.45
			For Auxiliary Frame Reinforcement For Hinges, Add	53.93	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	43.14	
			For Type 304 Stainless Steel Frame, Add	658.46	
			For Type 316 Stainless Steel Frame, Add	766.32	
			For Baked Enamel Finish, Add	141.89	
			For 18 Gauge Frame, Deduct	-35.95	
			For 14 Gauge Frame, Add	89.88	
			For 12 Gauge Frame, Add	136.61	
08 12 13 13-0074	EA		3' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	597.81	116.36
			For Auxiliary Frame Reinforcement For Hinges, Add	54.76	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	43.81	
			For Type 304 Stainless Steel Frame, Add	668.78	
			For Type 316 Stainless Steel Frame, Add	778.30	
			For Baked Enamel Finish, Add	144.43	
			For 18 Gauge Frame, Deduct	-36.51	
			For 14 Gauge Frame, Add	91.27	
			For 12 Gauge Frame, Add	138.73	
08 12 13 13-0075	EA		3'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	634.52	122.18
			For Auxiliary Frame Reinforcement For Hinges, Add	58.53	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	46.82	
			For Type 304 Stainless Steel Frame, Add	714.52	
			For Type 316 Stainless Steel Frame, Add	831.57	
			For Baked Enamel Finish, Add	153.70	
			For 18 Gauge Frame, Deduct	-39.02	
			For 14 Gauge Frame, Add	97.54	
			For 12 Gauge Frame, Add	148.26	
08 12 13 13-0076	EA		3'-6" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	646.16	128.00
			For Auxiliary Frame Reinforcement For Hinges, Add	58.53	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	46.82	
			For Type 304 Stainless Steel Frame, Add	715.11	
			For Type 316 Stainless Steel Frame, Add	832.16	
			For Baked Enamel Finish, Add	155.45	
			For 18 Gauge Frame, Deduct	-39.02	
			For 14 Gauge Frame, Add	97.54	
			For 12 Gauge Frame, Add	148.26	
08 12 13 13-0077	EA		4' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	671.73	133.81
			For Auxiliary Frame Reinforcement For Hinges, Add	60.62	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	48.49	
			For Type 304 Stainless Steel Frame, Add	740.76	
			For Type 316 Stainless Steel Frame, Add	861.99	
			For Baked Enamel Finish, Add	161.37	
			For 18 Gauge Frame, Deduct	-40.41	
			For 14 Gauge Frame, Add	101.03	
			For 12 Gauge Frame, Add	153.56	
08 12 13 13-0078	EA		5' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	697.31	139.63
			For Auxiliary Frame Reinforcement For Hinges, Add	62.71	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	50.16	
			For Type 304 Stainless Steel Frame, Add	766.44	
			For Type 316 Stainless Steel Frame, Add	891.85	
			For Baked Enamel Finish, Add	167.30	
			For 18 Gauge Frame, Deduct	-41.80	
			For 14 Gauge Frame, Add	104.51	
			For 12 Gauge Frame, Add	158.86	

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 12 13 13-0079	EA	5'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	708.94	145.45
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	62.71	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	50.16	
		<i>For Type 304 Stainless Steel Frame, Add</i>	767.02	
		<i>For Type 316 Stainless Steel Frame, Add</i>	892.43	
		<i>For Baked Enamel Finish, Add</i>	169.05	
		<i>For 18 Gauge Frame, Deduct</i>	-41.80	
		<i>For 14 Gauge Frame, Add</i>	104.51	
		<i>For 12 Gauge Frame, Add</i>	158.86	
08 12 13 13-0080	EA	5'-8" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	721.72	148.36
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	63.75	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	51.00	
		<i>For Type 304 Stainless Steel Frame, Add</i>	779.84	
		<i>For Type 316 Stainless Steel Frame, Add</i>	907.34	
		<i>For Baked Enamel Finish, Add</i>	172.01	
		<i>For 18 Gauge Frame, Deduct</i>	-42.50	
		<i>For 14 Gauge Frame, Add</i>	106.25	
		<i>For 12 Gauge Frame, Add</i>	161.50	
08 12 13 13-0081	EA	6' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	734.51	151.27
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	64.80	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	51.84	
		<i>For Type 304 Stainless Steel Frame, Add</i>	792.67	
		<i>For Type 316 Stainless Steel Frame, Add</i>	922.26	
		<i>For Baked Enamel Finish, Add</i>	174.97	
		<i>For 18 Gauge Frame, Deduct</i>	-43.20	
		<i>For 14 Gauge Frame, Add</i>	107.99	
		<i>For 12 Gauge Frame, Add</i>	164.15	
08 12 13 13-0082	EA	7' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	768.20	154.18
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	68.98	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	55.18	
		<i>For Type 304 Stainless Steel Frame, Add</i>	843.13	
		<i>For Type 316 Stainless Steel Frame, Add</i>	981.08	
		<i>For Baked Enamel Finish, Add</i>	184.21	
		<i>For 18 Gauge Frame, Deduct</i>	-45.98	
		<i>For 14 Gauge Frame, Add</i>	114.96	
		<i>For 12 Gauge Frame, Add</i>	174.74	
08 12 13 13-0083	EA	8' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	801.89	157.09
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	73.16	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	58.53	
		<i>For Type 304 Stainless Steel Frame, Add</i>	893.59	
		<i>For Type 316 Stainless Steel Frame, Add</i>	1,039.90	
		<i>For Baked Enamel Finish, Add</i>	193.44	
		<i>For 18 Gauge Frame, Deduct</i>	-48.77	
		<i>For 14 Gauge Frame, Add</i>	121.93	
		<i>For 12 Gauge Frame, Add</i>	185.33	

08 12 13 13-0084 >7'-2" Through 9'-0" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames

(08 12 13 13-0067)

08 12 13 13-0085	EA	2' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	499.68	87.27
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	48.77	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	39.02	
		<i>For Type 304 Stainless Steel Frame, Add</i>	593.98	
		<i>For Type 316 Stainless Steel Frame, Add</i>	691.52	
		<i>For Baked Enamel Finish, Add</i>	123.72	
		<i>For 18 Gauge Frame, Deduct</i>	-32.51	
		<i>For 14 Gauge Frame, Add</i>	81.29	
		<i>For 12 Gauge Frame, Add</i>	123.55	
08 12 13 13-0086	EA	2'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	579.07	95.99
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	58.06	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	46.45	
		<i>For Type 304 Stainless Steel Frame, Add</i>	706.33	
		<i>For Type 316 Stainless Steel Frame, Add</i>	822.45	
		<i>For Baked Enamel Finish, Add</i>	144.92	
		<i>For 18 Gauge Frame, Deduct</i>	-38.71	
		<i>For 14 Gauge Frame, Add</i>	96.77	
		<i>For 12 Gauge Frame, Add</i>	147.09	
08 12 13 13-0087	EA	2'-6" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	596.90	101.81
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	58.99	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	47.19	
		<i>For Type 304 Stainless Steel Frame, Add</i>	718.05	
		<i>For Type 316 Stainless Steel Frame, Add</i>	836.03	
		<i>For Baked Enamel Finish, Add</i>	148.52	
		<i>For 18 Gauge Frame, Deduct</i>	-39.33	
		<i>For 14 Gauge Frame, Add</i>	98.32	
		<i>For 12 Gauge Frame, Add</i>	149.44	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0088	EA		2'-8" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	614.35	110.54
			For Auxiliary Frame Reinforcement For Hinges, Add	58.99	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	47.19	
			For Type 304 Stainless Steel Frame, Add	718.92	
			For Type 316 Stainless Steel Frame, Add	836.90	
			For Baked Enamel Finish, Add	151.14	
			For 18 Gauge Frame, Deduct	-39.33	
			For 14 Gauge Frame, Add	98.32	
			For 12 Gauge Frame, Add	149.44	
08 12 13 13-0089	EA		2'-10" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	626.37	113.45
			For Auxiliary Frame Reinforcement For Hinges, Add	59.92	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	47.94	
			For Type 304 Stainless Steel Frame, Add	730.37	
			For Type 316 Stainless Steel Frame, Add	850.21	
			For Baked Enamel Finish, Add	153.87	
			For 18 Gauge Frame, Deduct	-39.95	
			For 14 Gauge Frame, Add	99.87	
			For 12 Gauge Frame, Add	151.79	
08 12 13 13-0090	EA		3' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	638.38	116.36
			For Auxiliary Frame Reinforcement For Hinges, Add	60.85	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	48.68	
			For Type 304 Stainless Steel Frame, Add	741.81	
			For Type 316 Stainless Steel Frame, Add	863.50	
			For Baked Enamel Finish, Add	156.60	
			For 18 Gauge Frame, Deduct	-40.57	
			For 14 Gauge Frame, Add	101.41	
			For 12 Gauge Frame, Add	154.15	
08 12 13 13-0091	EA		3'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	677.87	122.18
			For Auxiliary Frame Reinforcement For Hinges, Add	65.03	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	52.02	
			For Type 304 Stainless Steel Frame, Add	792.55	
			For Type 316 Stainless Steel Frame, Add	922.61	
			For Baked Enamel Finish, Add	166.71	
			For 18 Gauge Frame, Deduct	-43.35	
			For 14 Gauge Frame, Add	108.38	
			For 12 Gauge Frame, Add	164.74	
08 12 13 13-0092	EA		3'-6" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	689.51	128.00
			For Auxiliary Frame Reinforcement For Hinges, Add	65.03	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	52.02	
			For Type 304 Stainless Steel Frame, Add	793.14	
			For Type 316 Stainless Steel Frame, Add	923.19	
			For Baked Enamel Finish, Add	168.45	
			For 18 Gauge Frame, Deduct	-43.35	
			For 14 Gauge Frame, Add	108.38	
			For 12 Gauge Frame, Add	164.74	
08 12 13 13-0093	EA		4' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	716.63	133.81
			For Auxiliary Frame Reinforcement For Hinges, Add	67.35	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	53.88	
			For Type 304 Stainless Steel Frame, Add	821.58	
			For Type 316 Stainless Steel Frame, Add	956.28	
			For Baked Enamel Finish, Add	174.84	
			For 18 Gauge Frame, Deduct	-44.90	
			For 14 Gauge Frame, Add	112.25	
			For 12 Gauge Frame, Add	170.62	
08 12 13 13-0094	EA		5' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	743.75	139.63
			For Auxiliary Frame Reinforcement For Hinges, Add	69.67	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	55.74	
			For Type 304 Stainless Steel Frame, Add	850.03	
			For Type 316 Stainless Steel Frame, Add	989.37	
			For Baked Enamel Finish, Add	181.23	
			For 18 Gauge Frame, Deduct	-46.45	
			For 14 Gauge Frame, Add	116.12	
			For 12 Gauge Frame, Add	176.50	
08 12 13 13-0095	EA		5'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	755.38	145.45
			For Auxiliary Frame Reinforcement For Hinges, Add	69.67	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	55.74	
			For Type 304 Stainless Steel Frame, Add	850.61	
			For Type 316 Stainless Steel Frame, Add	989.95	
			For Baked Enamel Finish, Add	182.98	
			For 18 Gauge Frame, Deduct	-46.45	
			For 14 Gauge Frame, Add	116.12	
			For 12 Gauge Frame, Add	176.50	
08 12 13 13-0096	EA		5'-8" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	768.95	148.36
			For Auxiliary Frame Reinforcement For Hinges, Add	70.83	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	56.67	
			For Type 304 Stainless Steel Frame, Add	864.85	
			For Type 316 Stainless Steel Frame, Add	1,006.52	
			For Baked Enamel Finish, Add	186.18	
			For 18 Gauge Frame, Deduct	-47.22	
			For 14 Gauge Frame, Add	118.06	
			For 12 Gauge Frame, Add	179.45	

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 12 13 13-0097	EA	6' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	782.51	151.27
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	72.00	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	57.60	
		<i>For Type 304 Stainless Steel Frame, Add</i>	879.07	
		<i>For Type 316 Stainless Steel Frame, Add</i>	1,023.06	
		<i>For Baked Enamel Finish, Add</i>	189.37	
		<i>For 18 Gauge Frame, Deduct</i>	-48.00	
		<i>For 14 Gauge Frame, Add</i>	119.99	
		<i>For 12 Gauge Frame, Add</i>	182.39	
08 12 13 13-0098	EA	7' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	819.29	154.18
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	76.64	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	61.31	
		<i>For Type 304 Stainless Steel Frame, Add</i>	935.09	
		<i>For Type 316 Stainless Steel Frame, Add</i>	1,088.37	
		<i>For Baked Enamel Finish, Add</i>	199.53	
		<i>For 18 Gauge Frame, Deduct</i>	-51.09	
		<i>For 14 Gauge Frame, Add</i>	127.73	
		<i>For 12 Gauge Frame, Add</i>	194.15	
08 12 13 13-0099	EA	8' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	856.08	157.09
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	81.29	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	65.03	
		<i>For Type 304 Stainless Steel Frame, Add</i>	991.13	
		<i>For Type 316 Stainless Steel Frame, Add</i>	1,153.70	
		<i>For Baked Enamel Finish, Add</i>	209.70	
		<i>For 18 Gauge Frame, Deduct</i>	-54.19	
		<i>For 14 Gauge Frame, Add</i>	135.48	
		<i>For 12 Gauge Frame, Add</i>	205.92	
08 12 13 13-0100		6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames <small>(08 12 13 13)</small>		
		Note: For non-rated or fire rated frame assemblies		
08 12 13 13-0101		6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames <small>(08 12 13 13-0100)</small>		
08 12 13 13-0102	EA	2' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	489.11	87.27
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	47.19	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	37.75	
		<i>For Type 304 Stainless Steel Frame, Add</i>	574.95	
		<i>For Type 316 Stainless Steel Frame, Add</i>	669.32	
		<i>For Baked Enamel Finish, Add</i>	120.55	
		<i>For 18 Gauge Frame, Deduct</i>	-31.46	
		<i>For 14 Gauge Frame, Add</i>	78.64	
		<i>For 12 Gauge Frame, Add</i>	119.54	
08 12 13 13-0103	EA	2'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	566.49	95.99
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	56.17	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	44.94	
		<i>For Type 304 Stainless Steel Frame, Add</i>	683.68	
		<i>For Type 316 Stainless Steel Frame, Add</i>	796.03	
		<i>For Baked Enamel Finish, Add</i>	141.15	
		<i>For 18 Gauge Frame, Deduct</i>	-37.45	
		<i>For 14 Gauge Frame, Add</i>	93.62	
		<i>For 12 Gauge Frame, Add</i>	142.31	
08 12 13 13-0104	EA	2'-6" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	584.12	101.81
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	57.07	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	45.66	
		<i>For Type 304 Stainless Steel Frame, Add</i>	695.05	
		<i>For Type 316 Stainless Steel Frame, Add</i>	809.19	
		<i>For Baked Enamel Finish, Add</i>	144.69	
		<i>For 18 Gauge Frame, Deduct</i>	-38.05	
		<i>For 14 Gauge Frame, Add</i>	95.12	
		<i>For 12 Gauge Frame, Add</i>	144.58	
08 12 13 13-0105	EA	2'-8" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	601.57	110.54
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	57.07	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	45.66	
		<i>For Type 304 Stainless Steel Frame, Add</i>	695.92	
		<i>For Type 316 Stainless Steel Frame, Add</i>	810.06	
		<i>For Baked Enamel Finish, Add</i>	147.31	
		<i>For 18 Gauge Frame, Deduct</i>	-38.05	
		<i>For 14 Gauge Frame, Add</i>	95.12	
		<i>For 12 Gauge Frame, Add</i>	144.58	
08 12 13 13-0106	EA	2'-10" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	613.38	113.45
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	57.97	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	46.38	
		<i>For Type 304 Stainless Steel Frame, Add</i>	706.99	
		<i>For Type 316 Stainless Steel Frame, Add</i>	822.93	
		<i>For Baked Enamel Finish, Add</i>	149.98	
		<i>For 18 Gauge Frame, Deduct</i>	-38.65	
		<i>For 14 Gauge Frame, Add</i>	96.62	
		<i>For 12 Gauge Frame, Add</i>	146.86	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0107	EA		3' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	625.20	116.36
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	58.87	
			<i>For Welded Frames, Add</i>	96.98	
			<i>For Galvanized Frames, Add</i>	47.10	
			<i>For Type 304 Stainless Steel Frame, Add</i>	718.08	
			<i>For Type 316 Stainless Steel Frame, Add</i>	835.82	
			<i>For Baked Enamel Finish, Add</i>	152.65	
			<i>For 18 Gauge Frame, Deduct</i>	-39.25	
			<i>For 14 Gauge Frame, Add</i>	98.12	
			<i>For 12 Gauge Frame, Add</i>	149.14	
08 12 13 13-0108	EA		3'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	663.78	122.18
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	62.91	
			<i>For Welded Frames, Add</i>	96.98	
			<i>For Galvanized Frames, Add</i>	50.33	
			<i>For Type 304 Stainless Steel Frame, Add</i>	767.19	
			<i>For Type 316 Stainless Steel Frame, Add</i>	893.02	
			<i>For Baked Enamel Finish, Add</i>	162.48	
			<i>For 18 Gauge Frame, Deduct</i>	-41.94	
			<i>For 14 Gauge Frame, Add</i>	104.86	
			<i>For 12 Gauge Frame, Add</i>	159.38	
08 12 13 13-0109	EA		3'-6" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	675.42	128.00
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	62.91	
			<i>For Welded Frames, Add</i>	96.98	
			<i>For Galvanized Frames, Add</i>	50.33	
			<i>For Type 304 Stainless Steel Frame, Add</i>	767.77	
			<i>For Type 316 Stainless Steel Frame, Add</i>	893.60	
			<i>For Baked Enamel Finish, Add</i>	164.23	
			<i>For 18 Gauge Frame, Deduct</i>	-41.94	
			<i>For 14 Gauge Frame, Add</i>	104.86	
			<i>For 12 Gauge Frame, Add</i>	159.38	
08 12 13 13-0110	EA		4' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	702.04	133.81
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	65.16	
			<i>For Welded Frames, Add</i>	96.98	
			<i>For Galvanized Frames, Add</i>	52.13	
			<i>For Type 304 Stainless Steel Frame, Add</i>	795.32	
			<i>For Type 316 Stainless Steel Frame, Add</i>	925.64	
			<i>For Baked Enamel Finish, Add</i>	170.47	
			<i>For 18 Gauge Frame, Deduct</i>	-43.44	
			<i>For 14 Gauge Frame, Add</i>	108.60	
			<i>For 12 Gauge Frame, Add</i>	165.08	
08 12 13 13-0111	EA		5' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	728.66	139.63
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	67.41	
			<i>For Welded Frames, Add</i>	96.98	
			<i>For Galvanized Frames, Add</i>	53.93	
			<i>For Type 304 Stainless Steel Frame, Add</i>	822.87	
			<i>For Type 316 Stainless Steel Frame, Add</i>	957.68	
			<i>For Baked Enamel Finish, Add</i>	176.71	
			<i>For 18 Gauge Frame, Deduct</i>	-44.94	
			<i>For 14 Gauge Frame, Add</i>	112.35	
			<i>For 12 Gauge Frame, Add</i>	170.77	
08 12 13 13-0112	EA		5'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	740.29	145.45
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	67.41	
			<i>For Welded Frames, Add</i>	96.98	
			<i>For Galvanized Frames, Add</i>	53.93	
			<i>For Type 304 Stainless Steel Frame, Add</i>	823.45	
			<i>For Type 316 Stainless Steel Frame, Add</i>	958.26	
			<i>For Baked Enamel Finish, Add</i>	178.45	
			<i>For 18 Gauge Frame, Deduct</i>	-44.94	
			<i>For 14 Gauge Frame, Add</i>	112.35	
			<i>For 12 Gauge Frame, Add</i>	170.77	
08 12 13 13-0113	EA		5'-8" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	753.60	148.36
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	68.53	
			<i>For Welded Frames, Add</i>	96.98	
			<i>For Galvanized Frames, Add</i>	54.83	
			<i>For Type 304 Stainless Steel Frame, Add</i>	837.22	
			<i>For Type 316 Stainless Steel Frame, Add</i>	974.28	
			<i>For Baked Enamel Finish, Add</i>	181.57	
			<i>For 18 Gauge Frame, Deduct</i>	-45.69	
			<i>For 14 Gauge Frame, Add</i>	114.22	
			<i>For 12 Gauge Frame, Add</i>	173.61	
08 12 13 13-0114	EA		6' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	766.91	151.27
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	69.66	
			<i>For Welded Frames, Add</i>	96.98	
			<i>For Galvanized Frames, Add</i>	55.72	
			<i>For Type 304 Stainless Steel Frame, Add</i>	850.99	
			<i>For Type 316 Stainless Steel Frame, Add</i>	990.30	
			<i>For Baked Enamel Finish, Add</i>	184.69	
			<i>For 18 Gauge Frame, Deduct</i>	-46.44	
			<i>For 14 Gauge Frame, Add</i>	116.09	
			<i>For 12 Gauge Frame, Add</i>	176.46	
08 12 13 13-0115	EA		7' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	802.68	154.18
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	74.15	
			<i>For Welded Frames, Add</i>	96.98	
			<i>For Galvanized Frames, Add</i>	59.32	
			<i>For Type 304 Stainless Steel Frame, Add</i>	905.19	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,053.49	
			<i>For Baked Enamel Finish, Add</i>	194.55	
			<i>For 18 Gauge Frame, Deduct</i>	-49.43	
			<i>For 14 Gauge Frame, Add</i>	123.58	
			<i>For 12 Gauge Frame, Add</i>	187.84	

08 Openings

08 10 Doors and Frames

08 12 Metal Frames

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 12 13 13-0116	EA	8' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	838.47	157.09
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	78.64	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	62.91	
		<i>For Type 304 Stainless Steel Frame, Add</i>	959.43	
		<i>For Type 316 Stainless Steel Frame, Add</i>	1,116.72	
		<i>For Baked Enamel Finish, Add</i>	204.41	
		<i>For 18 Gauge Frame, Deduct</i>	-52.43	
		<i>For 14 Gauge Frame, Add</i>	131.07	
		<i>For 12 Gauge Frame, Add</i>	199.23	

 08 12 13 13-0117 >7'-2" Through 9'-0" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock
 Down Hollow Metal Door Frames (08 12 13 13-0100)

08 12 13 13-0118	EA	2' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	524.06	87.27
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	52.43	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	41.94	
		<i>For Type 304 Stainless Steel Frame, Add</i>	637.86	
		<i>For Type 316 Stainless Steel Frame, Add</i>	742.72	
		<i>For Baked Enamel Finish, Add</i>	131.04	
		<i>For 18 Gauge Frame, Deduct</i>	-34.95	
		<i>For 14 Gauge Frame, Add</i>	87.38	
		<i>For 12 Gauge Frame, Add</i>	132.82	
08 12 13 13-0119	EA	2'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	608.10	95.99
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	62.42	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	49.93	
		<i>For Type 304 Stainless Steel Frame, Add</i>	758.58	
		<i>For Type 316 Stainless Steel Frame, Add</i>	883.41	
		<i>For Baked Enamel Finish, Add</i>	153.63	
		<i>For 18 Gauge Frame, Deduct</i>	-41.61	
		<i>For 14 Gauge Frame, Add</i>	104.03	
		<i>For 12 Gauge Frame, Add</i>	158.12	
08 12 13 13-0120	EA	2'-6" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	626.40	101.81
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	63.41	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	50.73	
		<i>For Type 304 Stainless Steel Frame, Add</i>	771.15	
		<i>For Type 316 Stainless Steel Frame, Add</i>	897.98	
		<i>For Baked Enamel Finish, Add</i>	157.37	
		<i>For 18 Gauge Frame, Deduct</i>	-42.28	
		<i>For 14 Gauge Frame, Add</i>	105.69	
		<i>For 12 Gauge Frame, Add</i>	160.65	
08 12 13 13-0121	EA	2'-8" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	643.85	110.54
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	63.41	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	50.73	
		<i>For Type 304 Stainless Steel Frame, Add</i>	772.02	
		<i>For Type 316 Stainless Steel Frame, Add</i>	898.85	
		<i>For Baked Enamel Finish, Add</i>	159.99	
		<i>For 18 Gauge Frame, Deduct</i>	-42.28	
		<i>For 14 Gauge Frame, Add</i>	105.69	
		<i>For 12 Gauge Frame, Add</i>	160.65	
08 12 13 13-0122	EA	2'-10" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	656.33	113.45
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	64.41	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	51.53	
		<i>For Type 304 Stainless Steel Frame, Add</i>	784.30	
		<i>For Type 316 Stainless Steel Frame, Add</i>	913.13	
		<i>For Baked Enamel Finish, Add</i>	162.86	
		<i>For 18 Gauge Frame, Deduct</i>	-42.94	
		<i>For 14 Gauge Frame, Add</i>	107.36	
		<i>For 12 Gauge Frame, Add</i>	163.18	
08 12 13 13-0123	EA	3' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	668.80	116.36
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	65.41	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	52.33	
		<i>For Type 304 Stainless Steel Frame, Add</i>	796.56	
		<i>For Type 316 Stainless Steel Frame, Add</i>	927.38	
		<i>For Baked Enamel Finish, Add</i>	165.73	
		<i>For 18 Gauge Frame, Deduct</i>	-43.61	
		<i>For 14 Gauge Frame, Add</i>	109.02	
		<i>For 12 Gauge Frame, Add</i>	165.71	
08 12 13 13-0124	EA	3'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	710.38	122.18
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	69.90	
		<i>For Welded Frames, Add</i>	96.98	
		<i>For Galvanized Frames, Add</i>	55.92	
		<i>For Type 304 Stainless Steel Frame, Add</i>	851.07	
		<i>For Type 316 Stainless Steel Frame, Add</i>	990.88	
		<i>For Baked Enamel Finish, Add</i>	176.46	
		<i>For 18 Gauge Frame, Deduct</i>	-46.60	
		<i>For 14 Gauge Frame, Add</i>	116.51	
		<i>For 12 Gauge Frame, Add</i>	177.09	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 12 13 13-0125	EA		3'-6" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	722.02	128.00
			For Auxiliary Frame Reinforcement For Hinges, Add	69.90	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	55.92	
			For Type 304 Stainless Steel Frame, Add	851.65	
			For Type 316 Stainless Steel Frame, Add	991.46	
			For Baked Enamel Finish, Add	178.21	
			For 18 Gauge Frame, Deduct	-46.60	
			For 14 Gauge Frame, Add	116.51	
			For 12 Gauge Frame, Add	177.09	
08 12 13 13-0126	EA		4' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	750.31	133.81
			For Auxiliary Frame Reinforcement For Hinges, Add	72.40	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	57.92	
			For Type 304 Stainless Steel Frame, Add	882.21	
			For Type 316 Stainless Steel Frame, Add	1,027.01	
			For Baked Enamel Finish, Add	184.95	
			For 18 Gauge Frame, Deduct	-48.27	
			For 14 Gauge Frame, Add	120.67	
			For 12 Gauge Frame, Add	183.42	
08 12 13 13-0127	EA		5' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	778.59	139.63
			For Auxiliary Frame Reinforcement For Hinges, Add	74.90	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	59.92	
			For Type 304 Stainless Steel Frame, Add	912.74	
			For Type 316 Stainless Steel Frame, Add	1,062.54	
			For Baked Enamel Finish, Add	191.69	
			For 18 Gauge Frame, Deduct	-49.93	
			For 14 Gauge Frame, Add	124.83	
			For 12 Gauge Frame, Add	189.74	
08 12 13 13-0128	EA		5'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	790.22	145.45
			For Auxiliary Frame Reinforcement For Hinges, Add	74.90	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	59.92	
			For Type 304 Stainless Steel Frame, Add	913.32	
			For Type 316 Stainless Steel Frame, Add	1,063.12	
			For Baked Enamel Finish, Add	193.43	
			For 18 Gauge Frame, Deduct	-49.93	
			For 14 Gauge Frame, Add	124.83	
			For 12 Gauge Frame, Add	189.74	
08 12 13 13-0129	EA		5'-8" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	804.36	148.36
			For Auxiliary Frame Reinforcement For Hinges, Add	76.15	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	60.92	
			For Type 304 Stainless Steel Frame, Add	928.59	
			For Type 316 Stainless Steel Frame, Add	1,080.88	
			For Baked Enamel Finish, Add	196.80	
			For 18 Gauge Frame, Deduct	-50.76	
			For 14 Gauge Frame, Add	126.91	
			For 12 Gauge Frame, Add	192.90	
08 12 13 13-0130	EA		6' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	818.50	151.27
			For Auxiliary Frame Reinforcement For Hinges, Add	77.39	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	61.92	
			For Type 304 Stainless Steel Frame, Add	943.86	
			For Type 316 Stainless Steel Frame, Add	1,098.64	
			For Baked Enamel Finish, Add	200.17	
			For 18 Gauge Frame, Deduct	-51.60	
			For 14 Gauge Frame, Add	128.99	
			For 12 Gauge Frame, Add	196.06	
08 12 13 13-0131	EA		7' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	857.61	154.18
			For Auxiliary Frame Reinforcement For Hinges, Add	82.39	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	65.91	
			For Type 304 Stainless Steel Frame, Add	1,004.07	
			For Type 316 Stainless Steel Frame, Add	1,168.84	
			For Baked Enamel Finish, Add	211.03	
			For 18 Gauge Frame, Deduct	-54.93	
			For 14 Gauge Frame, Add	137.31	
			For 12 Gauge Frame, Add	208.72	
08 12 13 13-0132	EA		8' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	896.72	157.09
			For Auxiliary Frame Reinforcement For Hinges, Add	87.38	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	69.90	
			For Type 304 Stainless Steel Frame, Add	1,064.28	
			For Type 316 Stainless Steel Frame, Add	1,239.04	
			For Baked Enamel Finish, Add	221.89	
			For 18 Gauge Frame, Deduct	-58.25	
			For 14 Gauge Frame, Add	145.64	
			For 12 Gauge Frame, Add	221.37	

08 12 13 13-0133 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13)

08 12 13 13-0134 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0133)

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 12 13 13-0135	EA	2' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	503.74	87.27
		For Auxiliary Frame Reinforcement For Hinges, Add	49.38	
		For Welded Frames, Add	96.98	
		For Galvanized Frames, Add	39.50	
		For Type 304 Stainless Steel Frame, Add	601.29	
		For Type 316 Stainless Steel Frame, Add	700.05	
		For Baked Enamel Finish, Add	124.94	
		For 18 Gauge Frame, Deduct	-32.92	
		For 14 Gauge Frame, Add	82.30	
		For 12 Gauge Frame, Add	125.10	
08 12 13 13-0136	EA	2'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	583.91	95.99
		For Auxiliary Frame Reinforcement For Hinges, Add	58.79	
		For Welded Frames, Add	96.98	
		For Galvanized Frames, Add	47.03	
		For Type 304 Stainless Steel Frame, Add	715.04	
		For Type 316 Stainless Steel Frame, Add	832.61	
		For Baked Enamel Finish, Add	146.37	
		For 18 Gauge Frame, Deduct	-39.19	
		For 14 Gauge Frame, Add	97.98	
		For 12 Gauge Frame, Add	148.93	
08 12 13 13-0137	EA	2'-8" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	601.82	101.81
		For Auxiliary Frame Reinforcement For Hinges, Add	59.73	
		For Welded Frames, Add	96.98	
		For Galvanized Frames, Add	47.78	
		For Type 304 Stainless Steel Frame, Add	726.91	
		For Type 316 Stainless Steel Frame, Add	846.36	
		For Baked Enamel Finish, Add	150.00	
		For 18 Gauge Frame, Deduct	-39.82	
		For 14 Gauge Frame, Add	99.55	
		For 12 Gauge Frame, Add	151.31	
08 12 13 13-0138	EA	2'-8" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	619.27	110.54
		For Auxiliary Frame Reinforcement For Hinges, Add	59.73	
		For Welded Frames, Add	96.98	
		For Galvanized Frames, Add	47.78	
		For Type 304 Stainless Steel Frame, Add	727.78	
		For Type 316 Stainless Steel Frame, Add	847.23	
		For Baked Enamel Finish, Add	152.62	
		For 18 Gauge Frame, Deduct	-39.82	
		For 14 Gauge Frame, Add	99.55	
		For 12 Gauge Frame, Add	151.31	
08 12 13 13-0139	EA	2'-10" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	631.36	113.45
		For Auxiliary Frame Reinforcement For Hinges, Add	60.67	
		For Welded Frames, Add	96.98	
		For Galvanized Frames, Add	48.53	
		For Type 304 Stainless Steel Frame, Add	739.36	
		For Type 316 Stainless Steel Frame, Add	860.69	
		For Baked Enamel Finish, Add	155.37	
		For 18 Gauge Frame, Deduct	-40.45	
		For 14 Gauge Frame, Add	101.11	
		For 12 Gauge Frame, Add	153.69	
08 12 13 13-0140	EA	3' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	643.45	116.36
		For Auxiliary Frame Reinforcement For Hinges, Add	61.61	
		For Welded Frames, Add	96.98	
		For Galvanized Frames, Add	49.29	
		For Type 304 Stainless Steel Frame, Add	750.93	
		For Type 316 Stainless Steel Frame, Add	874.15	
		For Baked Enamel Finish, Add	158.13	
		For 18 Gauge Frame, Deduct	-41.07	
		For 14 Gauge Frame, Add	102.68	
		For 12 Gauge Frame, Add	156.07	
08 12 13 13-0141	EA	3'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	683.29	122.18
		For Auxiliary Frame Reinforcement For Hinges, Add	65.84	
		For Welded Frames, Add	96.98	
		For Galvanized Frames, Add	52.67	
		For Type 304 Stainless Steel Frame, Add	802.31	
		For Type 316 Stainless Steel Frame, Add	933.99	
		For Baked Enamel Finish, Add	168.33	
		For 18 Gauge Frame, Deduct	-43.89	
		For 14 Gauge Frame, Add	109.74	
		For 12 Gauge Frame, Add	166.80	
08 12 13 13-0142	EA	3'-6" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	694.93	128.00
		For Auxiliary Frame Reinforcement For Hinges, Add	65.84	
		For Welded Frames, Add	96.98	
		For Galvanized Frames, Add	52.67	
		For Type 304 Stainless Steel Frame, Add	802.89	
		For Type 316 Stainless Steel Frame, Add	934.57	
		For Baked Enamel Finish, Add	170.08	
		For 18 Gauge Frame, Deduct	-43.89	
		For 14 Gauge Frame, Add	109.74	
		For 12 Gauge Frame, Add	166.80	
08 12 13 13-0143	EA	4' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	722.24	133.81
		For Auxiliary Frame Reinforcement For Hinges, Add	68.19	
		For Welded Frames, Add	96.98	
		For Galvanized Frames, Add	54.55	
		For Type 304 Stainless Steel Frame, Add	831.68	
		For Type 316 Stainless Steel Frame, Add	968.06	
		For Baked Enamel Finish, Add	176.53	
		For 18 Gauge Frame, Deduct	-45.46	
		For 14 Gauge Frame, Add	113.65	
		For 12 Gauge Frame, Add	172.75	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 12 13 13-0144	EA		5' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	749.56	139.63
			For Auxiliary Frame Reinforcement For Hinges, Add	70.54	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	56.43	
			For Type 304 Stainless Steel Frame, Add	860.49	
			For Type 316 Stainless Steel Frame, Add	1,001.57	
			For Baked Enamel Finish, Add	182.98	
			For 18 Gauge Frame, Deduct	-47.03	
			For 14 Gauge Frame, Add	117.57	
			For 12 Gauge Frame, Add	178.71	
08 12 13 13-0145	EA		5'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	761.19	145.45
			For Auxiliary Frame Reinforcement For Hinges, Add	70.54	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	56.43	
			For Type 304 Stainless Steel Frame, Add	861.07	
			For Type 316 Stainless Steel Frame, Add	1,002.15	
			For Baked Enamel Finish, Add	184.72	
			For 18 Gauge Frame, Deduct	-47.03	
			For 14 Gauge Frame, Add	117.57	
			For 12 Gauge Frame, Add	178.71	
08 12 13 13-0146	EA		5'-8" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	774.85	148.36
			For Auxiliary Frame Reinforcement For Hinges, Add	71.72	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	57.38	
			For Type 304 Stainless Steel Frame, Add	875.47	
			For Type 316 Stainless Steel Frame, Add	1,018.91	
			For Baked Enamel Finish, Add	187.95	
			For 18 Gauge Frame, Deduct	-47.81	
			For 14 Gauge Frame, Add	119.53	
			For 12 Gauge Frame, Add	181.69	
08 12 13 13-0147	EA		6' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	788.51	151.27
			For Auxiliary Frame Reinforcement For Hinges, Add	72.90	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	58.32	
			For Type 304 Stainless Steel Frame, Add	889.87	
			For Type 316 Stainless Steel Frame, Add	1,035.66	
			For Baked Enamel Finish, Add	191.17	
			For 18 Gauge Frame, Deduct	-48.60	
			For 14 Gauge Frame, Add	121.49	
			For 12 Gauge Frame, Add	184.67	
08 12 13 13-0148	EA		7' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	825.68	154.18
			For Auxiliary Frame Reinforcement For Hinges, Add	77.60	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	62.08	
			For Type 304 Stainless Steel Frame, Add	946.59	
			For Type 316 Stainless Steel Frame, Add	1,101.79	
			For Baked Enamel Finish, Add	201.45	
			For 18 Gauge Frame, Deduct	-51.73	
			For 14 Gauge Frame, Add	129.33	
			For 12 Gauge Frame, Add	196.58	
08 12 13 13-0149	EA		8' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	862.85	157.09
			For Auxiliary Frame Reinforcement For Hinges, Add	82.30	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	65.84	
			For Type 304 Stainless Steel Frame, Add	1,003.32	
			For Type 316 Stainless Steel Frame, Add	1,167.92	
			For Baked Enamel Finish, Add	211.73	
			For 18 Gauge Frame, Deduct	-54.87	
			For 14 Gauge Frame, Add	137.17	
			For 12 Gauge Frame, Add	208.49	
08 12 13 13-0150			>7'-2" Through 9'-0" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0133)		
08 12 13 13-0151	EA		2' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	540.32	87.27
			For Auxiliary Frame Reinforcement For Hinges, Add	54.87	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	43.89	
			For Type 304 Stainless Steel Frame, Add	667.13	
			For Type 316 Stainless Steel Frame, Add	776.87	
			For Baked Enamel Finish, Add	135.92	
			For 18 Gauge Frame, Deduct	-36.58	
			For 14 Gauge Frame, Add	91.45	
			For 12 Gauge Frame, Add	139.00	
08 12 13 13-0152	EA		2'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	627.45	95.99
			For Auxiliary Frame Reinforcement For Hinges, Add	65.32	
			For Welded Frames, Add	96.98	
			For Galvanized Frames, Add	52.25	
			For Type 304 Stainless Steel Frame, Add	793.41	
			For Type 316 Stainless Steel Frame, Add	924.05	
			For Baked Enamel Finish, Add	159.44	
			For 18 Gauge Frame, Deduct	-43.55	
			For 14 Gauge Frame, Add	108.86	
			For 12 Gauge Frame, Add	165.47	

08 Openings

08 10 Doors and Frames

08 12 Metal Frames

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 12 13 13-0153	EA	2'-6" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	646.06	101.81
		For Auxiliary Frame Reinforcement For Hinges, Add	66.36	
		For Welded Frames, Add	96.98	
		For Galvanized Frames, Add	53.09	
		For Type 304 Stainless Steel Frame, Add	806.54	
		For Type 316 Stainless Steel Frame, Add	939.26	
		For Baked Enamel Finish, Add	163.27	
		For 18 Gauge Frame, Deduct	-44.24	
		For 14 Gauge Frame, Add	110.61	
		For 12 Gauge Frame, Add	168.12	
08 12 13 13-0154	EA	2'-8" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	663.51	110.54
		For Auxiliary Frame Reinforcement For Hinges, Add	66.36	
		For Welded Frames, Add	96.98	
		For Galvanized Frames, Add	53.09	
		For Type 304 Stainless Steel Frame, Add	807.41	
		For Type 316 Stainless Steel Frame, Add	940.14	
		For Baked Enamel Finish, Add	165.89	
		For 18 Gauge Frame, Deduct	-44.24	
		For 14 Gauge Frame, Add	110.61	
		For 12 Gauge Frame, Add	168.12	
08 12 13 13-0155	EA	2'-10" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	676.30	113.45
		For Auxiliary Frame Reinforcement For Hinges, Add	67.41	
		For Welded Frames, Add	96.98	
		For Galvanized Frames, Add	53.93	
		For Type 304 Stainless Steel Frame, Add	820.25	
		For Type 316 Stainless Steel Frame, Add	955.06	
		For Baked Enamel Finish, Add	168.85	
		For 18 Gauge Frame, Deduct	-44.94	
		For 14 Gauge Frame, Add	112.35	
		For 12 Gauge Frame, Add	170.77	
08 12 13 13-0156	EA	3' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	689.09	116.36
		For Auxiliary Frame Reinforcement For Hinges, Add	68.45	
		For Welded Frames, Add	96.98	
		For Galvanized Frames, Add	54.76	
		For Type 304 Stainless Steel Frame, Add	833.08	
		For Type 316 Stainless Steel Frame, Add	969.99	
		For Baked Enamel Finish, Add	171.82	
		For 18 Gauge Frame, Deduct	-45.64	
		For 14 Gauge Frame, Add	114.09	
		For 12 Gauge Frame, Add	173.42	
08 12 13 13-0157	EA	3'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	732.06	122.18
		For Auxiliary Frame Reinforcement For Hinges, Add	73.16	
		For Welded Frames, Add	96.98	
		For Galvanized Frames, Add	58.53	
		For Type 304 Stainless Steel Frame, Add	890.10	
		For Type 316 Stainless Steel Frame, Add	1,036.41	
		For Baked Enamel Finish, Add	182.97	
		For 18 Gauge Frame, Deduct	-48.77	
		For 14 Gauge Frame, Add	121.93	
		For 12 Gauge Frame, Add	185.33	
08 12 13 13-0158	EA	3'-6" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	743.70	128.00
		For Auxiliary Frame Reinforcement For Hinges, Add	73.16	
		For Welded Frames, Add	96.98	
		For Galvanized Frames, Add	58.53	
		For Type 304 Stainless Steel Frame, Add	890.68	
		For Type 316 Stainless Steel Frame, Add	1,036.99	
		For Baked Enamel Finish, Add	184.71	
		For 18 Gauge Frame, Deduct	-48.77	
		For 14 Gauge Frame, Add	121.93	
		For 12 Gauge Frame, Add	185.33	
08 12 13 13-0159	EA	4' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	772.76	133.81
		For Auxiliary Frame Reinforcement For Hinges, Add	75.77	
		For Welded Frames, Add	96.98	
		For Galvanized Frames, Add	60.62	
		For Type 304 Stainless Steel Frame, Add	922.62	
		For Type 316 Stainless Steel Frame, Add	1,074.15	
		For Baked Enamel Finish, Add	191.68	
		For 18 Gauge Frame, Deduct	-50.51	
		For 14 Gauge Frame, Add	126.28	
		For 12 Gauge Frame, Add	191.95	
08 12 13 13-0160	EA	5' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	801.81	139.63
		For Auxiliary Frame Reinforcement For Hinges, Add	78.38	
		For Welded Frames, Add	96.98	
		For Galvanized Frames, Add	62.70	
		For Type 304 Stainless Steel Frame, Add	954.54	
		For Type 316 Stainless Steel Frame, Add	1,111.30	
		For Baked Enamel Finish, Add	198.65	
		For 18 Gauge Frame, Deduct	-52.25	
		For 14 Gauge Frame, Add	130.64	
		For 12 Gauge Frame, Add	198.57	
08 12 13 13-0161	EA	5'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	813.44	145.45
		For Auxiliary Frame Reinforcement For Hinges, Add	78.38	
		For Welded Frames, Add	96.98	
		For Galvanized Frames, Add	62.70	
		For Type 304 Stainless Steel Frame, Add	955.12	
		For Type 316 Stainless Steel Frame, Add	1,111.88	
		For Baked Enamel Finish, Add	200.40	
		For 18 Gauge Frame, Deduct	-52.25	
		For 14 Gauge Frame, Add	130.64	
		For 12 Gauge Frame, Add	198.57	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 12 13 13-0162	EA			5'-8" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	827.97	148.36
				For Auxiliary Frame Reinforcement For Hinges, Add	79.69	
				For Welded Frames, Add	96.98	
				For Galvanized Frames, Add	63.75	
				For Type 304 Stainless Steel Frame, Add	971.09	
				For Type 316 Stainless Steel Frame, Add	1,130.46	
				For Baked Enamel Finish, Add	203.88	
				For 18 Gauge Frame, Deduct	-53.13	
				For 14 Gauge Frame, Add	132.81	
				For 12 Gauge Frame, Add	201.88	
08 12 13 13-0163	EA			6' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	842.50	151.27
				For Auxiliary Frame Reinforcement For Hinges, Add	80.99	
				For Welded Frames, Add	96.98	
				For Galvanized Frames, Add	64.80	
				For Type 304 Stainless Steel Frame, Add	987.06	
				For Type 316 Stainless Steel Frame, Add	1,149.04	
				For Baked Enamel Finish, Add	207.37	
				For 18 Gauge Frame, Deduct	-54.00	
				For 14 Gauge Frame, Add	134.99	
				For 12 Gauge Frame, Add	205.18	
08 12 13 13-0164	EA			7' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	883.15	154.18
				For Auxiliary Frame Reinforcement For Hinges, Add	86.22	
				For Welded Frames, Add	96.98	
				For Galvanized Frames, Add	68.97	
				For Type 304 Stainless Steel Frame, Add	1,050.04	
				For Type 316 Stainless Steel Frame, Add	1,222.48	
				For Baked Enamel Finish, Add	218.69	
				For 18 Gauge Frame, Deduct	-57.48	
				For 14 Gauge Frame, Add	143.70	
				For 12 Gauge Frame, Add	218.42	
08 12 13 13-0165	EA			8' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	923.82	157.09
				For Auxiliary Frame Reinforcement For Hinges, Add	91.45	
				For Welded Frames, Add	96.98	
				For Galvanized Frames, Add	73.16	
				For Type 304 Stainless Steel Frame, Add	1,113.06	
				For Type 316 Stainless Steel Frame, Add	1,295.95	
				For Baked Enamel Finish, Add	230.02	
				For 18 Gauge Frame, Deduct	-60.96	
				For 14 Gauge Frame, Add	152.41	
				For 12 Gauge Frame, Add	231.66	
08 12 13 13-0166	Sidelights And Transoms <small>(08 12 13 13)</small>					
	Note: For non-rated or fire rated frame assemblies					
08 12 13 13-0167	Fixed Steel Transoms <small>(08 12 13 13-0166)</small>					
	Note: Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.					
08 12 13 13-0168	SF			4-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom.....	62.20	16.29
				For Movable Frame, Add	12.44	
				For 18 Gauge Frame, Deduct	-2.96	
				For 14 Gauge Frame, Add	7.40	
				For 12 Gauge Frame, Add	11.25	
08 12 13 13-0169	SF			5-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom.....	64.80	16.87
				For Movable Frame, Add	12.96	
				For 18 Gauge Frame, Deduct	-3.11	
				For 14 Gauge Frame, Add	7.77	
				For 12 Gauge Frame, Add	11.80	
08 12 13 13-0170	SF			6-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom.....	67.54	17.46
				For Movable Frame, Add	13.51	
				For 18 Gauge Frame, Deduct	-3.26	
				For 14 Gauge Frame, Add	8.16	
				For 12 Gauge Frame, Add	12.40	
08 12 13 13-0171	Operable Steel Transom Sash <small>(08 12 13 13-0166)</small>					
	Note: Includes hardware.					
08 12 13 13-0172	SF			4-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash.....	82.19	16.29
				For 18 Gauge Frame, Deduct	-4.96	
				For 14 Gauge Frame, Add	12.40	
				For 12 Gauge Frame, Add	18.85	
08 12 13 13-0173	SF			5-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash.....	85.83	16.87
				For 18 Gauge Frame, Deduct	-5.21	
				For 14 Gauge Frame, Add	13.02	
				For 12 Gauge Frame, Add	19.79	
08 12 13 13-0174	SF			6-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash.....	89.60	17.46
				For 18 Gauge Frame, Deduct	-5.47	
				For 14 Gauge Frame, Add	13.67	
				For 12 Gauge Frame, Add	20.78	
08 12 13 13-0175	Sidelights, Steel Frame <small>(08 12 13 13-0166)</small>					
	Note: Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.					
08 12 13 13-0176	SF			4-3/4" Deep Sidelights, 16 Gauge Frame	64.40	16.29
				For 18 Gauge Frame, Deduct	-3.18	
				For 14 Gauge Frame, Add	7.95	
				For 12 Gauge Frame, Add	12.09	
08 12 13 13-0177	SF			5-3/4" Deep Sidelights, 16 Gauge Frame	67.15	16.87
				For 18 Gauge Frame, Deduct	-3.34	
				For 14 Gauge Frame, Add	8.35	
				For 12 Gauge Frame, Add	12.70	

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 12 13 13-0178	SF	6-3/4" Deep Sidelights, 16 Gauge Frame	69.98	17.46
		<i>For 18 Gauge Frame, Deduct</i>	-3.51	
		<i>For 14 Gauge Frame, Add</i>	8.77	
		<i>For 12 Gauge Frame, Add</i>	13.33	
08 12 13 13-0179		Sundry Hollow Metal Frame Sections <small>(08 12 13 13)</small>		
		Note: For non-rated or fire rated frame assemblies		
08 12 13 13-0180		16 Gauge, Hollow Metal Frame Vertical Mullions <small>(08 12 13 13-0179)</small>		
08 12 13 13-0181	LF	4-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion	45.63	6.51
		<i>For 18 Gauge Frame, Deduct</i>	-2.92	
		<i>For 14 Gauge Frame, Add</i>	7.31	
		<i>For 12 Gauge Frame, Add</i>	11.11	
		<i>For 3 Hour Frame, Add</i>	8.00	
		<i>For 1-1/2 Hour Frame, Add</i>	5.00	
		<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0182	LF	4-3/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion	46.81	6.51
		<i>For 18 Gauge Frame, Deduct</i>	-3.04	
		<i>For 14 Gauge Frame, Add</i>	7.61	
		<i>For 12 Gauge Frame, Add</i>	11.56	
		<i>For 3 Hour Frame, Add</i>	8.00	
		<i>For 1-1/2 Hour Frame, Add</i>	5.00	
		<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0183	LF	5-1/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion	46.10	6.74
		<i>For 18 Gauge Frame, Deduct</i>	-2.92	
		<i>For 14 Gauge Frame, Add</i>	7.31	
		<i>For 12 Gauge Frame, Add</i>	11.11	
		<i>For 3 Hour Frame, Add</i>	8.00	
		<i>For 1-1/2 Hour Frame, Add</i>	5.00	
		<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0184	LF	5-1/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion	47.92	6.74
		<i>For 18 Gauge Frame, Deduct</i>	-3.11	
		<i>For 14 Gauge Frame, Add</i>	7.77	
		<i>For 12 Gauge Frame, Add</i>	11.80	
		<i>For 3 Hour Frame, Add</i>	8.00	
		<i>For 1-1/2 Hour Frame, Add</i>	5.00	
		<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0185	LF	6-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion	47.93	6.87
		<i>For 18 Gauge Frame, Deduct</i>	-3.07	
		<i>For 14 Gauge Frame, Add</i>	7.68	
		<i>For 12 Gauge Frame, Add</i>	11.67	
		<i>For 3 Hour Frame, Add</i>	8.00	
		<i>For 1-1/2 Hour Frame, Add</i>	5.00	
		<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0186	LF	6-3/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion	48.62	6.87
		<i>For 18 Gauge Frame, Deduct</i>	-3.14	
		<i>For 14 Gauge Frame, Add</i>	7.85	
		<i>For 12 Gauge Frame, Add</i>	11.93	
		<i>For 3 Hour Frame, Add</i>	8.00	
		<i>For 1-1/2 Hour Frame, Add</i>	5.00	
		<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0187		16 Gauge, Hollow Metal Frame Horizontal Rails <small>(08 12 13 13-0179)</small>		
08 12 13 13-0188	LF	4-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail	31.01	6.51
		<i>For 18 Gauge Frame, Deduct</i>	-1.46	
		<i>For 14 Gauge Frame, Add</i>	3.66	
		<i>For 12 Gauge Frame, Add</i>	5.56	
		<i>For 3 Hour Frame, Add</i>	8.00	
		<i>For 1-1/2 Hour Frame, Add</i>	5.00	
		<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0189	LF	4-3/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail	32.50	6.51
		<i>For 18 Gauge Frame, Deduct</i>	-1.61	
		<i>For 14 Gauge Frame, Add</i>	4.03	
		<i>For 12 Gauge Frame, Add</i>	6.12	
		<i>For 3 Hour Frame, Add</i>	8.00	
		<i>For 1-1/2 Hour Frame, Add</i>	5.00	
		<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0190	LF	5-1/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail	31.48	6.74
		<i>For 18 Gauge Frame, Deduct</i>	-1.46	
		<i>For 14 Gauge Frame, Add</i>	3.66	
		<i>For 12 Gauge Frame, Add</i>	5.56	
		<i>For 3 Hour Frame, Add</i>	8.00	
		<i>For 1-1/2 Hour Frame, Add</i>	5.00	
		<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0191	LF	5-1/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail	32.97	6.74
		<i>For 18 Gauge Frame, Deduct</i>	-1.61	
		<i>For 14 Gauge Frame, Add</i>	4.03	
		<i>For 12 Gauge Frame, Add</i>	6.12	
		<i>For 3 Hour Frame, Add</i>	8.00	
		<i>For 1-1/2 Hour Frame, Add</i>	5.00	
		<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0192	LF	6-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail	32.58	6.87
		<i>For 18 Gauge Frame, Deduct</i>	-1.54	
		<i>For 14 Gauge Frame, Add</i>	3.84	
		<i>For 12 Gauge Frame, Add</i>	5.83	
		<i>For 3 Hour Frame, Add</i>	8.00	
		<i>For 1-1/2 Hour Frame, Add</i>	5.00	
		<i>For 3/4 Hour Frame, Add</i>	4.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 12 13 13-0193	LF		6-3/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail.....	33.88	6.87
			For 18 Gauge Frame, Deduct	-1.67	
			For 14 Gauge Frame, Add	4.16	
			For 12 Gauge Frame, Add	6.33	
			For 3 Hour Frame, Add	8.00	
			For 1-1/2 Hour Frame, Add	5.00	
			For 3/4 Hour Frame, Add	4.00	
08 12 13 13-0194			16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullions (08 12 13 13-0179)		
08 12 13 13-0195	EA		4-3/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	1,274.23	45.61
			For 18 Gauge Frame, Deduct	-116.02	
			For 14 Gauge Frame, Add	290.05	
			For 12 Gauge Frame, Add	440.88	
08 12 13 13-0196	EA		4-3/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	1,320.50	45.61
			For 18 Gauge Frame, Deduct	-120.65	
			For 14 Gauge Frame, Add	301.62	
			For 12 Gauge Frame, Add	458.46	
08 12 13 13-0197	EA		5-1/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	1,464.48	47.71
			For 18 Gauge Frame, Deduct	-134.70	
			For 14 Gauge Frame, Add	336.74	
			For 12 Gauge Frame, Add	511.84	
			For 3 Hour Frame, Add	56.00	
			For 1-1/2 Hour Frame, Add	36.00	
			For 3/4 Hour Frame, Add	28.00	
08 12 13 13-0198	EA		5-1/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	1,505.80	47.71
			For 18 Gauge Frame, Deduct	-138.83	
			For 14 Gauge Frame, Add	347.07	
			For 12 Gauge Frame, Add	527.54	
			For 3 Hour Frame, Add	56.00	
			For 1-1/2 Hour Frame, Add	36.00	
			For 3/4 Hour Frame, Add	28.00	
08 12 13 13-0199	EA		6-3/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	1,705.47	48.87
			For 18 Gauge Frame, Deduct	-158.33	
			For 14 Gauge Frame, Add	395.82	
			For 12 Gauge Frame, Add	601.65	
			For 3 Hour Frame, Add	56.00	
			For 1-1/2 Hour Frame, Add	36.00	
			For 3/4 Hour Frame, Add	28.00	
08 12 13 13-0200	EA		6-3/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	1,733.57	48.87
			For 18 Gauge Frame, Deduct	-161.14	
			For 14 Gauge Frame, Add	402.85	
			For 12 Gauge Frame, Add	612.33	
			For 3 Hour Frame, Add	56.00	
			For 1-1/2 Hour Frame, Add	36.00	
			For 3/4 Hour Frame, Add	28.00	
08 12 13 13-0201			Metal Frames Accessories (08 12 13 13)		
08 12 13 13-0202	EA		For 1' Extension Of New Door Frame	52.47	
08 12 16			Aluminum Frames (08 12)		
08 12 16 00-0001			Two Piece Aluminum Door Frames (08 12 16)		
08 12 16 00-0002			4-1/8" x 3/8" Two Piece Aluminum Door Frames (08 12 16 00-0001)		
08 12 16 00-0003	EA		Two Piece Aluminum Door Frame, 2'-2" x 6'-9" Opening 4-1/8" x 3/8" x 1/8" With Semicircular Head.....	2,843.59	64.00
08 12 16 00-0004	EA		Two Piece Aluminum Door Frame, 2'-6" x 6'-9" Opening 4-1/8" x 3/8" x 1/8" With Semicircular Head.....	2,843.59	64.00
08 12 16 00-0005			4-3/4" x 1-3/8" Two Piece Aluminum Door Frames (08 12 16 00-0001)		
08 12 16 00-0006	EA		Two Piece Aluminum Door Frame, 2'-2" x 6'-9" Opening 4-3/4" x 1-3/8" x 1/8" With Semicircular Head.....	2,843.59	64.00
08 12 16 00-0007	EA		Two Piece Aluminum Door Frame Piece Aluminum Door Frame, 2'-6" x 6'-9" Opening 4-3/4" x 1-3/8" x 1/8" With Semicircular Head	2,843.59	64.00

08 13 Metal Doors (08 10)

Note: Includes machining for all hardware. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 13 13 Hollow Metal Doors (08 13)

08 13 13 13 Standard Hollow Metal Doors (08 13 13)

Note: Hollow Metal Doors are full flush, fabricated from cold rolled steel conforming to ASTM A1008, honeycomb core, interlocking mechanical vertical edge seam, with epoxy baked-on primer. Galvanized steel doors are fabricated from a carbon steel sheet that has been coated with zinc on two sides by the continuous hot-dip process. Hollow Metal Doors are organized by the following levels: 20 Gauge, Level 1 Standard Duty; 18 Gauge, Level 2 Heavy Duty; 16 Gauge, Level 3 Extra Heavy Duty; 14 Gauge, Level 4 Maximum Duty.

08 13 13 13-0001			20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13)		
08 13 13 13-0002			6'-8" High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0001)		

08 Openings

08 10 Doors and Frames

08 13 Metal Doors

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 13 13 13-0003	EA 2' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	801.99	64.00
	For Galvanized Steel Door, Add	134.80	
	For Type 304 Stainless Steel Door, Add	539.19	
	For Type 316 Stainless Steel Door, Add	876.19	
	For Embossed Panel Door, Add	161.76	
	For Baked Enamel Finish, Add	221.40	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-43.30	
	For >100, Deduct	-63.35	
	For Polystyrene Core, Add	67.40	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	168.50	
	For Continuously Welded And Filled Vertical Edge Seam, Add	84.25	
08 13 13 13-0004	EA 2'-4" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	801.99	64.00
	For Galvanized Steel Door, Add	134.80	
	For Type 304 Stainless Steel Door, Add	539.19	
	For Type 316 Stainless Steel Door, Add	876.19	
	For Embossed Panel Door, Add	161.76	
	For Baked Enamel Finish, Add	221.40	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-43.30	
	For >100, Deduct	-63.35	
	For Polystyrene Core, Add	67.40	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	168.50	
	For Continuously Welded And Filled Vertical Edge Seam, Add	84.25	
08 13 13 13-0005	EA 2'-6" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	821.58	66.91
	For Galvanized Steel Door, Add	137.55	
	For Type 304 Stainless Steel Door, Add	550.22	
	For Type 316 Stainless Steel Door, Add	894.10	
	For Embossed Panel Door, Add	165.06	
	For Baked Enamel Finish, Add	226.40	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-44.42	
	For >100, Deduct	-64.96	
	For Polystyrene Core, Add	68.78	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	171.94	
	For Continuously Welded And Filled Vertical Edge Seam, Add	85.97	
08 13 13 13-0006	EA 2'-8" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	831.85	66.91
	For Galvanized Steel Door, Add	139.61	
	For Type 304 Stainless Steel Door, Add	558.43	
	For Type 316 Stainless Steel Door, Add	907.45	
	For Embossed Panel Door, Add	167.53	
	For Baked Enamel Finish, Add	229.48	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-44.94	
	For >100, Deduct	-65.73	
	For Polystyrene Core, Add	69.80	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	174.51	
	For Continuously Welded And Filled Vertical Edge Seam, Add	87.26	
08 13 13 13-0007	EA 2'-10" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	838.86	68.36
	For Galvanized Steel Door, Add	140.43	
	For Type 304 Stainless Steel Door, Add	561.71	
	For Type 316 Stainless Steel Door, Add	912.78	
	For Embossed Panel Door, Add	168.51	
	For Baked Enamel Finish, Add	231.15	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-45.36	
	For >100, Deduct	-66.33	
	For Polystyrene Core, Add	70.21	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	175.54	
	For Continuously Welded And Filled Vertical Edge Seam, Add	87.77	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 13 13 13-0008	EA		3' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	845.88	69.82
			<i>For Galvanized Steel Door, Add</i>	141.25	
			<i>For Type 304 Stainless Steel Door, Add</i>	565.00	
			<i>For Type 316 Stainless Steel Door, Add</i>	918.13	
			<i>For Embossed Panel Door, Add</i>	169.50	
			<i>For Baked Enamel Finish, Add</i>	232.82	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-45.78	
			<i>For >100, Deduct</i>	-66.93	
			<i>For Polystyrene Core, Add</i>	70.63	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	176.56	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	88.28	
08 13 13 13-0009	EA		3'-4" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	899.26	69.82
			<i>For Galvanized Steel Door, Add</i>	151.93	
			<i>For Type 304 Stainless Steel Door, Add</i>	607.70	
			<i>For Type 316 Stainless Steel Door, Add</i>	987.52	
			<i>For Embossed Panel Door, Add</i>	182.31	
			<i>For Baked Enamel Finish, Add</i>	248.83	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-48.45	
			<i>For >100, Deduct</i>	-70.94	
			<i>For Polystyrene Core, Add</i>	75.96	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	189.91	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	94.95	
08 13 13 13-0010	EA		3'-6" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	925.61	72.73
			<i>For Galvanized Steel Door, Add</i>	156.03	
			<i>For Type 304 Stainless Steel Door, Add</i>	624.13	
			<i>For Type 316 Stainless Steel Door, Add</i>	1,014.21	
			<i>For Embossed Panel Door, Add</i>	187.24	
			<i>For Baked Enamel Finish, Add</i>	255.87	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-49.92	
			<i>For >100, Deduct</i>	-73.06	
			<i>For Polystyrene Core, Add</i>	78.02	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	195.04	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	97.52	
08 13 13 13-0011	EA		4' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	1,019.37	78.55
			<i>For Galvanized Steel Door, Add</i>	172.46	
			<i>For Type 304 Stainless Steel Door, Add</i>	689.82	
			<i>For Type 316 Stainless Steel Door, Add</i>	1,120.96	
			<i>For Embossed Panel Door, Add</i>	206.95	
			<i>For Baked Enamel Finish, Add</i>	282.25	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-54.90	
			<i>For >100, Deduct</i>	-80.38	
			<i>For Polystyrene Core, Add</i>	86.23	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	215.57	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	107.79	

08 13 13 13-0012 7' High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0001)

08 13 13 13-0013	EA		2' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	819.65	64.00
			<i>For Galvanized Steel Door, Add</i>	138.33	
			<i>For Type 304 Stainless Steel Door, Add</i>	553.32	
			<i>For Type 316 Stainless Steel Door, Add</i>	899.15	
			<i>For Embossed Panel Door, Add</i>	166.00	
			<i>For Baked Enamel Finish, Add</i>	226.70	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-44.18	
			<i>For >100, Deduct</i>	-64.67	
			<i>For Polystyrene Core, Add</i>	69.17	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	172.91	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	86.46	

08 Openings

08 10 Doors and Frames

08 13 Metal Doors

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 13 13 13-0014	EA 2'-4" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	819.65	64.00
	For Galvanized Steel Door, Add	138.33	
	For Type 304 Stainless Steel Door, Add	553.32	
	For Type 316 Stainless Steel Door, Add	899.15	
	For Embossed Panel Door, Add	166.00	
	For Baked Enamel Finish, Add	226.70	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-44.18	
	For >100, Deduct	-64.67	
	For Polystyrene Core, Add	69.17	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	172.91	
	For Continuously Welded And Filled Vertical Edge Seam, Add	86.46	
08 13 13 13-0015	EA 2'-6" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	839.60	66.91
	For Galvanized Steel Door, Add	141.16	
	For Type 304 Stainless Steel Door, Add	564.63	
	For Type 316 Stainless Steel Door, Add	917.53	
	For Embossed Panel Door, Add	169.39	
	For Baked Enamel Finish, Add	231.81	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-45.33	
	For >100, Deduct	-66.32	
	For Polystyrene Core, Add	70.58	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	176.45	
	For Continuously Welded And Filled Vertical Edge Seam, Add	88.22	
08 13 13 13-0016	EA 2'-8" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	850.14	66.91
	For Galvanized Steel Door, Add	143.27	
	For Type 304 Stainless Steel Door, Add	573.06	
	For Type 316 Stainless Steel Door, Add	931.23	
	For Embossed Panel Door, Add	171.92	
	For Baked Enamel Finish, Add	234.97	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-45.85	
	For >100, Deduct	-67.11	
	For Polystyrene Core, Add	71.63	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	179.08	
	For Continuously Welded And Filled Vertical Edge Seam, Add	89.54	
08 13 13 13-0017	EA 2'-10" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	857.26	68.36
	For Galvanized Steel Door, Add	144.11	
	For Type 304 Stainless Steel Door, Add	576.43	
	For Type 316 Stainless Steel Door, Add	936.70	
	For Embossed Panel Door, Add	172.93	
	For Baked Enamel Finish, Add	236.67	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-46.28	
	For >100, Deduct	-67.71	
	For Polystyrene Core, Add	72.05	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	180.14	
	For Continuously Welded And Filled Vertical Edge Seam, Add	90.07	
08 13 13 13-0018	EA 3' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	864.38	69.82
	For Galvanized Steel Door, Add	144.95	
	For Type 304 Stainless Steel Door, Add	579.80	
	For Type 316 Stainless Steel Door, Add	942.18	
	For Embossed Panel Door, Add	173.94	
	For Baked Enamel Finish, Add	238.37	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-46.71	
	For >100, Deduct	-68.32	
	For Polystyrene Core, Add	72.48	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	181.19	
	For Continuously Welded And Filled Vertical Edge Seam, Add	90.59	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 13 13 13-0019	EA		3'-4" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	919.16	69.82
			<i>For Galvanized Steel Door, Add</i>	155.91	
			<i>For Type 304 Stainless Steel Door, Add</i>	623.62	
			<i>For Type 316 Stainless Steel Door, Add</i>	1,013.39	
			<i>For Embossed Panel Door, Add</i>	187.09	
			<i>For Baked Enamel Finish, Add</i>	254.80	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-49.45	
			<i>For >100, Deduct</i>	-72.43	
			<i>For Polystyrene Core, Add</i>	77.95	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	194.88	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	97.44	
08 13 13 13-0020	EA		3'-6" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	946.05	72.73
			<i>For Galvanized Steel Door, Add</i>	160.12	
			<i>For Type 304 Stainless Steel Door, Add</i>	640.48	
			<i>For Type 316 Stainless Steel Door, Add</i>	1,040.78	
			<i>For Embossed Panel Door, Add</i>	192.14	
			<i>For Baked Enamel Finish, Add</i>	262.00	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-50.94	
			<i>For >100, Deduct</i>	-74.59	
			<i>For Polystyrene Core, Add</i>	80.06	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	200.15	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	100.08	
08 13 13 13-0021	EA		4' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	1,041.96	78.55
			<i>For Galvanized Steel Door, Add</i>	176.97	
			<i>For Type 304 Stainless Steel Door, Add</i>	707.90	
			<i>For Type 316 Stainless Steel Door, Add</i>	1,150.33	
			<i>For Embossed Panel Door, Add</i>	212.37	
			<i>For Baked Enamel Finish, Add</i>	289.02	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-56.03	
			<i>For >100, Deduct</i>	-82.07	
			<i>For Polystyrene Core, Add</i>	88.49	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	221.22	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	110.61	
08 13 13 13-0022			7'-2" High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors <small>(08 13 13 13-0001)</small>		
08 13 13 13-0023	EA		2' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	836.80	64.00
			<i>For Galvanized Steel Door, Add</i>	141.76	
			<i>For Type 304 Stainless Steel Door, Add</i>	567.04	
			<i>For Type 316 Stainless Steel Door, Add</i>	921.44	
			<i>For Embossed Panel Door, Add</i>	170.11	
			<i>For Baked Enamel Finish, Add</i>	231.84	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-45.04	
			<i>For >100, Deduct</i>	-65.96	
			<i>For Polystyrene Core, Add</i>	70.88	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	177.20	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	88.60	
08 13 13 13-0024	EA		2'-4" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	836.80	64.00
			<i>For Galvanized Steel Door, Add</i>	141.76	
			<i>For Type 304 Stainless Steel Door, Add</i>	567.04	
			<i>For Type 316 Stainless Steel Door, Add</i>	921.44	
			<i>For Embossed Panel Door, Add</i>	170.11	
			<i>For Baked Enamel Finish, Add</i>	231.84	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-45.04	
			<i>For >100, Deduct</i>	-65.96	
			<i>For Polystyrene Core, Add</i>	70.88	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	177.20	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	88.60	

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 13 13 13-0025	EA	2'-6" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	857.11	66.91
		<i>For Galvanized Steel Door, Add</i>	144.66	
		<i>For Type 304 Stainless Steel Door, Add</i>	578.64	
		<i>For Type 316 Stainless Steel Door, Add</i>	940.29	
		<i>For Embossed Panel Door, Add</i>	173.59	
		<i>For Baked Enamel Finish, Add</i>	237.06	
		<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
		<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
		<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
		<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
		<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
		<i>For >50 To 100, Deduct</i>	-46.20	
		<i>For >100, Deduct</i>	-67.63	
		<i>For Polystyrene Core, Add</i>	72.33	
		<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	180.83	
		<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	90.41	
08 13 13 13-0026	EA	2'-8" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	867.90	66.91
		<i>For Galvanized Steel Door, Add</i>	146.82	
		<i>For Type 304 Stainless Steel Door, Add</i>	587.27	
		<i>For Type 316 Stainless Steel Door, Add</i>	954.32	
		<i>For Embossed Panel Door, Add</i>	176.18	
		<i>For Baked Enamel Finish, Add</i>	240.30	
		<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
		<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
		<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
		<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
		<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
		<i>For >50 To 100, Deduct</i>	-46.74	
		<i>For >100, Deduct</i>	-68.44	
		<i>For Polystyrene Core, Add</i>	73.41	
		<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	183.52	
		<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	91.76	
08 13 13 13-0027	EA	2'-10" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	875.12	68.36
		<i>For Galvanized Steel Door, Add</i>	147.68	
		<i>For Type 304 Stainless Steel Door, Add</i>	590.72	
		<i>For Type 316 Stainless Steel Door, Add</i>	959.92	
		<i>For Embossed Panel Door, Add</i>	177.22	
		<i>For Baked Enamel Finish, Add</i>	242.03	
		<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
		<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
		<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
		<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
		<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
		<i>For >50 To 100, Deduct</i>	-47.17	
		<i>For >100, Deduct</i>	-69.05	
		<i>For Polystyrene Core, Add</i>	73.84	
		<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	184.60	
		<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	92.30	
08 13 13 13-0028	EA	3' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	882.35	69.82
		<i>For Galvanized Steel Door, Add</i>	148.54	
		<i>For Type 304 Stainless Steel Door, Add</i>	594.18	
		<i>For Type 316 Stainless Steel Door, Add</i>	965.54	
		<i>For Embossed Panel Door, Add</i>	178.25	
		<i>For Baked Enamel Finish, Add</i>	243.76	
		<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
		<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
		<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
		<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
		<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
		<i>For >50 To 100, Deduct</i>	-47.61	
		<i>For >100, Deduct</i>	-69.67	
		<i>For Polystyrene Core, Add</i>	74.27	
		<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	185.68	
		<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	92.84	
08 13 13 13-0029	EA	3'-4" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	938.49	69.82
		<i>For Galvanized Steel Door, Add</i>	159.77	
		<i>For Type 304 Stainless Steel Door, Add</i>	639.09	
		<i>For Type 316 Stainless Steel Door, Add</i>	1,038.52	
		<i>For Embossed Panel Door, Add</i>	191.73	
		<i>For Baked Enamel Finish, Add</i>	260.60	
		<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
		<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
		<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
		<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
		<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
		<i>For >50 To 100, Deduct</i>	-50.42	
		<i>For >100, Deduct</i>	-73.88	
		<i>For Polystyrene Core, Add</i>	79.89	
		<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	199.72	
		<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	99.86	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 13 13 13-0030	EA		3'-6" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door <i>For Galvanized Steel Door, Add</i> <i>For Type 304 Stainless Steel Door, Add</i> <i>For Type 316 Stainless Steel Door, Add</i> <i>For Embossed Panel Door, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 20 Minute Fire Rated Door, Add</i> <i>For 45 Minute Fire Rated Door, Add</i> <i>For 60 Minute Fire Rated Door, Add</i> <i>For 90 Minute Fire Rated Door, Add</i> <i>For 3 Hour Fire Rated Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For Polystyrene Core, Add</i> <i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i> <i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	965.90 164.09 656.36 1,066.59 196.91 267.95 27.63 41.40 55.27 93.38 131.50 -51.93 -76.08 82.05 205.11 102.56	72.73
08 13 13 13-0031	EA		4' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door <i>For Galvanized Steel Door, Add</i> <i>For Type 304 Stainless Steel Door, Add</i> <i>For Type 316 Stainless Steel Door, Add</i> <i>For Embossed Panel Door, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 20 Minute Fire Rated Door, Add</i> <i>For 45 Minute Fire Rated Door, Add</i> <i>For 60 Minute Fire Rated Door, Add</i> <i>For 90 Minute Fire Rated Door, Add</i> <i>For 3 Hour Fire Rated Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For Polystyrene Core, Add</i> <i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i> <i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	1,063.91 181.36 725.46 1,178.87 217.64 295.61 27.63 41.40 55.27 93.38 131.50 -57.12 -83.72 90.68 226.71 113.35	78.55
08 13 13 13-0032			18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors ^{(08 13 13}		
08 13 13 13-0033			6'-8" High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors ^(08 13 13 13-0032)		
08 13 13 13-0034	EA		2' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door <i>For Galvanized Steel Door, Add</i> <i>For Type 304 Stainless Steel Door, Add</i> <i>For Type 316 Stainless Steel Door, Add</i> <i>For Embossed Panel Door, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 20 Minute Fire Rated Door, Add</i> <i>For 45 Minute Fire Rated Door, Add</i> <i>For 60 Minute Fire Rated Door, Add</i> <i>For 90 Minute Fire Rated Door, Add</i> <i>For 3 Hour Fire Rated Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 2" Thick Door, Add</i> <i>For Polystyrene Core, Add</i> <i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i> <i>For Continuously Welded And Filled Vertical Edge Seam, Add</i> <i>For Steel Stiffened, Add</i>	856.51 145.70 582.81 947.06 174.84 237.75 27.63 41.40 55.27 93.38 131.50 -46.03 -67.44 56.02 72.85 182.13 91.06 182.13	64.00
08 13 13 13-0035	EA		2'-4" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door <i>For Galvanized Steel Door, Add</i> <i>For Type 304 Stainless Steel Door, Add</i> <i>For Type 316 Stainless Steel Door, Add</i> <i>For Embossed Panel Door, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 20 Minute Fire Rated Door, Add</i> <i>For 45 Minute Fire Rated Door, Add</i> <i>For 60 Minute Fire Rated Door, Add</i> <i>For 90 Minute Fire Rated Door, Add</i> <i>For 3 Hour Fire Rated Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 2" Thick Door, Add</i> <i>For Polystyrene Core, Add</i> <i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i> <i>For Continuously Welded And Filled Vertical Edge Seam, Add</i> <i>For Steel Stiffened, Add</i>	856.51 145.70 582.81 947.06 174.84 237.75 27.63 41.40 55.27 93.38 131.50 -46.03 -67.44 56.02 72.85 182.13 91.06 182.13	64.00

08 Openings

08 10 Doors and Frames

08 13 Metal Doors

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13	13-0036	EA	2'-6" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	877.22	66.91
			For Galvanized Steel Door, Add	148.68	
			For Type 304 Stainless Steel Door, Add	594.73	
			For Type 316 Stainless Steel Door, Add	966.43	
			For Embossed Panel Door, Add	178.42	
			For Baked Enamel Finish, Add	243.09	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-47.21	
			For >100, Deduct	-69.14	
			For 2" Thick Door, Add	57.24	
			For Polystyrene Core, Add	74.34	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	185.85	
			For Continuously Welded And Filled Vertical Edge Seam, Add	92.93	
			For Steel Stiffened, Add	185.85	
08 13 13	13-0037	EA	2'-8" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	888.32	66.91
			For Galvanized Steel Door, Add	150.90	
			For Type 304 Stainless Steel Door, Add	603.61	
			For Type 316 Stainless Steel Door, Add	980.86	
			For Embossed Panel Door, Add	181.08	
			For Baked Enamel Finish, Add	246.42	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-47.76	
			For >100, Deduct	-69.97	
			For 2" Thick Door, Add	58.05	
			For Polystyrene Core, Add	75.45	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	188.63	
			For Continuously Welded And Filled Vertical Edge Seam, Add	94.31	
			For Steel Stiffened, Add	188.63	
08 13 13	13-0038	EA	2'-10" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	895.65	68.36
			For Galvanized Steel Door, Add	151.79	
			For Type 304 Stainless Steel Door, Add	607.14	
			For Type 316 Stainless Steel Door, Add	986.61	
			For Embossed Panel Door, Add	182.14	
			For Baked Enamel Finish, Add	248.19	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-48.20	
			For >100, Deduct	-70.59	
			For 2" Thick Door, Add	58.44	
			For Polystyrene Core, Add	75.89	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	189.73	
			For Continuously Welded And Filled Vertical Edge Seam, Add	94.87	
			For Steel Stiffened, Add	189.73	
08 13 13	13-0039	EA	3' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	903.01	69.82
			For Galvanized Steel Door, Add	152.68	
			For Type 304 Stainless Steel Door, Add	610.70	
			For Type 316 Stainless Steel Door, Add	992.39	
			For Embossed Panel Door, Add	183.21	
			For Baked Enamel Finish, Add	249.96	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-48.64	
			For >100, Deduct	-71.22	
			For 2" Thick Door, Add	58.84	
			For Polystyrene Core, Add	76.34	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	190.85	
			For Continuously Welded And Filled Vertical Edge Seam, Add	95.42	
			For Steel Stiffened, Add	190.85	
08 13 13	13-0040	EA	3'-4" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	960.71	69.82
			For Galvanized Steel Door, Add	164.22	
			For Type 304 Stainless Steel Door, Add	656.86	
			For Type 316 Stainless Steel Door, Add	1,067.40	
			For Embossed Panel Door, Add	197.06	
			For Baked Enamel Finish, Add	267.27	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-51.53	
			For >100, Deduct	-75.54	
			For 2" Thick Door, Add	63.02	
			For Polystyrene Core, Add	82.11	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	205.27	
			For Continuously Welded And Filled Vertical Edge Seam, Add	102.64	
			For Steel Stiffened, Add	205.27	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 13 13 13-0041	EA	3'-6" x 6'-8" x 1-3/4"	18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	988.72	72.73
			For Galvanized Steel Door, Add	168.65	
			For Type 304 Stainless Steel Door, Add	674.62	
			For Type 316 Stainless Steel Door, Add	1,096.25	
			For Embossed Panel Door, Add	202.38	
			For Baked Enamel Finish, Add	274.80	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-53.07	
			For >100, Deduct	-77.79	
			For 2" Thick Door, Add	64.77	
			For Polystyrene Core, Add	84.33	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	210.82	
			For Continuously Welded And Filled Vertical Edge Seam, Add	105.41	
			For Steel Stiffened, Add	210.82	
08 13 13 13-0042	EA	4' x 6'-8" x 1-3/4"	18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,089.13	78.55
			For Galvanized Steel Door, Add	186.41	
			For Type 304 Stainless Steel Door, Add	745.63	
			For Type 316 Stainless Steel Door, Add	1,211.65	
			For Embossed Panel Door, Add	223.69	
			For Baked Enamel Finish, Add	303.18	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-58.38	
			For >100, Deduct	-85.61	
			For 2" Thick Door, Add	71.50	
			For Polystyrene Core, Add	93.20	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	233.01	
			For Continuously Welded And Filled Vertical Edge Seam, Add	116.51	
			For Steel Stiffened, Add	233.01	

08 13 13 13-0043 7' High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0032)

08 13 13 13-0044	EA	2' x 7' x 1-3/4"	18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	873.80	64.00
			For Galvanized Steel Door, Add	149.16	
			For Type 304 Stainless Steel Door, Add	596.64	
			For Type 316 Stainless Steel Door, Add	969.54	
			For Embossed Panel Door, Add	178.99	
			For Baked Enamel Finish, Add	242.94	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-46.89	
			For >100, Deduct	-68.74	
			For 2" Thick Door, Add	57.27	
			For Polystyrene Core, Add	74.58	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	186.45	
			For Continuously Welded And Filled Vertical Edge Seam, Add	93.23	
			For Steel Stiffened, Add	186.45	
08 13 13 13-0045	EA	2'-4" x 7' x 1-3/4"	18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	873.80	64.00
			For Galvanized Steel Door, Add	149.16	
			For Type 304 Stainless Steel Door, Add	596.64	
			For Type 316 Stainless Steel Door, Add	969.54	
			For Embossed Panel Door, Add	178.99	
			For Baked Enamel Finish, Add	242.94	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-46.89	
			For >100, Deduct	-68.74	
			For 2" Thick Door, Add	57.27	
			For Polystyrene Core, Add	74.58	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	186.45	
			For Continuously Welded And Filled Vertical Edge Seam, Add	93.23	
			For Steel Stiffened, Add	186.45	

08 Openings

08 10 Doors and Frames

08 13 Metal Doors

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0046	EA		2'-6" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	894.87	66.91
			For Galvanized Steel Door, Add	152.21	
			For Type 304 Stainless Steel Door, Add	608.85	
			For Type 316 Stainless Steel Door, Add	989.38	
			For Embossed Panel Door, Add	182.65	
			For Baked Enamel Finish, Add	248.39	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-48.09	
			For >100, Deduct	-70.46	
			For 2" Thick Door, Add	58.52	
			For Polystyrene Core, Add	76.11	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	190.27	
			For Continuously Welded And Filled Vertical Edge Seam, Add	95.13	
			For Steel Stiffened, Add	190.27	
08 13 13 13-0047	EA		2'-8" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	906.22	66.91
			For Galvanized Steel Door, Add	154.48	
			For Type 304 Stainless Steel Door, Add	617.93	
			For Type 316 Stainless Steel Door, Add	1,004.13	
			For Embossed Panel Door, Add	185.38	
			For Baked Enamel Finish, Add	251.79	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-48.66	
			For >100, Deduct	-71.31	
			For 2" Thick Door, Add	59.34	
			For Polystyrene Core, Add	77.24	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	193.10	
			For Continuously Welded And Filled Vertical Edge Seam, Add	96.55	
			For Steel Stiffened, Add	193.10	
08 13 13 13-0048	EA		2'-10" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	913.68	68.36
			For Galvanized Steel Door, Add	155.39	
			For Type 304 Stainless Steel Door, Add	621.57	
			For Type 316 Stainless Steel Door, Add	1,010.05	
			For Embossed Panel Door, Add	186.47	
			For Baked Enamel Finish, Add	253.60	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-49.10	
			For >100, Deduct	-71.94	
			For 2" Thick Door, Add	59.75	
			For Polystyrene Core, Add	77.70	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	194.24	
			For Continuously Welded And Filled Vertical Edge Seam, Add	97.12	
			For Steel Stiffened, Add	194.24	
08 13 13 13-0049	EA		3' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	921.13	69.82
			For Galvanized Steel Door, Add	156.30	
			For Type 304 Stainless Steel Door, Add	625.20	
			For Type 316 Stainless Steel Door, Add	1,015.95	
			For Embossed Panel Door, Add	187.56	
			For Baked Enamel Finish, Add	255.39	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-49.55	
			For >100, Deduct	-72.58	
			For 2" Thick Door, Add	60.15	
			For Polystyrene Core, Add	78.15	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	195.38	
			For Continuously Welded And Filled Vertical Edge Seam, Add	97.69	
			For Steel Stiffened, Add	195.38	
08 13 13 13-0050	EA		3'-4" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	980.20	69.82
			For Galvanized Steel Door, Add	168.11	
			For Type 304 Stainless Steel Door, Add	672.46	
			For Type 316 Stainless Steel Door, Add	1,092.74	
			For Embossed Panel Door, Add	201.74	
			For Baked Enamel Finish, Add	273.12	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-52.50	
			For >100, Deduct	-77.01	
			For 2" Thick Door, Add	64.43	
			For Polystyrene Core, Add	84.06	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	210.14	
			For Continuously Welded And Filled Vertical Edge Seam, Add	105.07	
			For Steel Stiffened, Add	210.14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 13 13 13-0051	EA		3'-6" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,008.74	72.73
			For Galvanized Steel Door, Add	172.66	
			For Type 304 Stainless Steel Door, Add	690.63	
			For Type 316 Stainless Steel Door, Add	1,122.28	
			For Embossed Panel Door, Add	207.19	
			For Baked Enamel Finish, Add	280.80	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-54.07	
			For >100, Deduct	-79.29	
			For 2" Thick Door, Add	66.22	
			For Polystyrene Core, Add	86.33	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	215.82	
			For Continuously Welded And Filled Vertical Edge Seam, Add	107.91	
			For Steel Stiffened, Add	215.82	
08 13 13 13-0052	EA		4' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,111.25	78.55
			For Galvanized Steel Door, Add	190.83	
			For Type 304 Stainless Steel Door, Add	763.33	
			For Type 316 Stainless Steel Door, Add	1,240.41	
			For Embossed Panel Door, Add	229.00	
			For Baked Enamel Finish, Add	309.81	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-59.49	
			For >100, Deduct	-87.27	
			For 2" Thick Door, Add	73.10	
			For Polystyrene Core, Add	95.42	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	238.54	
			For Continuously Welded And Filled Vertical Edge Seam, Add	119.27	
			For Steel Stiffened, Add	238.54	
08 13 13 13-0053			7'-2" High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal		
			Doors (08 13 13 13-0032)		
08 13 13 13-0054	EA		2' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	891.09	64.00
			For Galvanized Steel Door, Add	152.62	
			For Type 304 Stainless Steel Door, Add	610.47	
			For Type 316 Stainless Steel Door, Add	992.02	
			For Embossed Panel Door, Add	183.14	
			For Baked Enamel Finish, Add	248.13	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-47.75	
			For >100, Deduct	-70.03	
			For 2" Thick Door, Add	58.52	
			For Polystyrene Core, Add	76.31	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	190.77	
			For Continuously Welded And Filled Vertical Edge Seam, Add	95.39	
			For Steel Stiffened, Add	190.77	
08 13 13 13-0055	EA		2'-4" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	891.09	64.00
			For Galvanized Steel Door, Add	152.62	
			For Type 304 Stainless Steel Door, Add	610.47	
			For Type 316 Stainless Steel Door, Add	992.02	
			For Embossed Panel Door, Add	183.14	
			For Baked Enamel Finish, Add	248.13	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-47.75	
			For >100, Deduct	-70.03	
			For 2" Thick Door, Add	58.52	
			For Polystyrene Core, Add	76.31	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	190.77	
			For Continuously Welded And Filled Vertical Edge Seam, Add	95.39	
			For Steel Stiffened, Add	190.77	

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 13 13 13-0056	EA 2'-6" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	912.51	66.91
	For Galvanized Steel Door, Add	155.74	
	For Type 304 Stainless Steel Door, Add	622.96	
	For Type 316 Stainless Steel Door, Add	1,012.31	
	For Embossed Panel Door, Add	186.89	
	For Baked Enamel Finish, Add	253.68	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-48.97	
	For >100, Deduct	-71.78	
	For 2" Thick Door, Add	59.80	
	For Polystyrene Core, Add	77.87	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	194.68	
	For Continuously Welded And Filled Vertical Edge Seam, Add	97.34	
	For Steel Stiffened, Add	194.68	
08 13 13 13-0057	EA 2'-8" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	924.13	66.91
	For Galvanized Steel Door, Add	158.06	
	For Type 304 Stainless Steel Door, Add	632.26	
	For Type 316 Stainless Steel Door, Add	1,027.42	
	For Embossed Panel Door, Add	189.68	
	For Baked Enamel Finish, Add	257.17	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-49.55	
	For >100, Deduct	-72.66	
	For 2" Thick Door, Add	60.64	
	For Polystyrene Core, Add	79.03	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	197.58	
	For Continuously Welded And Filled Vertical Edge Seam, Add	98.79	
	For Steel Stiffened, Add	197.58	
08 13 13 13-0058	EA 3' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	939.25	69.82
	For Galvanized Steel Door, Add	159.92	
	For Type 304 Stainless Steel Door, Add	639.70	
	For Type 316 Stainless Steel Door, Add	1,039.51	
	For Embossed Panel Door, Add	191.91	
	For Baked Enamel Finish, Add	260.83	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-50.45	
	For >100, Deduct	-73.93	
	For 2" Thick Door, Add	61.46	
	For Polystyrene Core, Add	79.96	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	199.91	
	For Continuously Welded And Filled Vertical Edge Seam, Add	99.95	
	For Steel Stiffened, Add	199.91	
08 13 13 13-0059	EA 3'-4" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	999.69	69.82
	For Galvanized Steel Door, Add	172.01	
	For Type 304 Stainless Steel Door, Add	688.05	
	For Type 316 Stainless Steel Door, Add	1,118.08	
	For Embossed Panel Door, Add	206.41	
	For Baked Enamel Finish, Add	278.96	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-53.48	
	For >100, Deduct	-78.47	
	For 2" Thick Door, Add	65.85	
	For Polystyrene Core, Add	86.01	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	215.02	
	For Continuously Welded And Filled Vertical Edge Seam, Add	107.51	
	For Steel Stiffened, Add	215.02	
08 13 13 13-0060	EA 3'-6" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	1,028.75	72.73
	For Galvanized Steel Door, Add	176.66	
	For Type 304 Stainless Steel Door, Add	706.64	
	For Type 316 Stainless Steel Door, Add	1,148.29	
	For Embossed Panel Door, Add	211.99	
	For Baked Enamel Finish, Add	286.81	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-55.07	
	For >100, Deduct	-80.79	
	For 2" Thick Door, Add	67.68	
	For Polystyrene Core, Add	88.33	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	220.83	
	For Continuously Welded And Filled Vertical Edge Seam, Add	110.41	
	For Steel Stiffened, Add	220.83	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 13 13 13-0061	EA		4' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,133.37	78.55
			For Galvanized Steel Door, Add	195.26	
			For Type 304 Stainless Steel Door, Add	781.02	
			For Type 316 Stainless Steel Door, Add	1,269.16	
			For Embossed Panel Door, Add	234.31	
			For Baked Enamel Finish, Add	316.45	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-60.60	
			For >100, Deduct	-88.93	
			For 2" Thick Door, Add	74.71	
			For Polystyrene Core, Add	97.63	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	244.07	
			For Continuously Welded And Filled Vertical Edge Seam, Add	122.04	
			For Steel Stiffened, Add	244.07	

08 13 13 13-0062 8' High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0032)

08 13 13 13-0063	EA		2' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	1,033.71	64.00
			For Up To 1' Extra Height, Add	250.61	
			For 1' To 1'-6" Extra Height, Add	478.12	
			For Galvanized Steel Door, Add	181.14	
			For Type 304 Stainless Steel Door, Add	724.57	
			For Type 316 Stainless Steel Door, Add	1,177.42	
			For Embossed Panel Door, Add	217.37	
			For Baked Enamel Finish, Add	290.91	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-54.89	
			For >100, Deduct	-80.73	
			For 2" Thick Door, Add	68.86	
			For Polystyrene Core, Add	90.57	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	226.43	
			For Continuously Welded And Filled Vertical Edge Seam, Add	113.21	
			For Steel Stiffened, Add	226.43	
08 13 13 13-0064	EA		2'-4" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,033.71	64.00
			For Up To 1' Extra Height, Add	250.61	
			For 1' To 1'-6" Extra Height, Add	478.12	
			For Galvanized Steel Door, Add	181.14	
			For Type 304 Stainless Steel Door, Add	724.57	
			For Type 316 Stainless Steel Door, Add	1,177.42	
			For Embossed Panel Door, Add	217.37	
			For Baked Enamel Finish, Add	290.91	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-54.89	
			For >100, Deduct	-80.73	
			For 2" Thick Door, Add	68.86	
			For Polystyrene Core, Add	90.57	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	226.43	
			For Continuously Welded And Filled Vertical Edge Seam, Add	113.21	
			For Steel Stiffened, Add	226.43	
08 13 13 13-0065	EA		2'-6" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,058.05	66.91
			For Up To 1' Extra Height, Add	255.74	
			For 1' To 1'-6" Extra Height, Add	487.91	
			For Galvanized Steel Door, Add	184.85	
			For Type 304 Stainless Steel Door, Add	739.39	
			For Type 316 Stainless Steel Door, Add	1,201.51	
			For Embossed Panel Door, Add	221.82	
			For Baked Enamel Finish, Add	297.34	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-56.25	
			For >100, Deduct	-82.70	
			For 2" Thick Door, Add	70.35	
			For Polystyrene Core, Add	92.42	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	231.06	
			For Continuously Welded And Filled Vertical Edge Seam, Add	115.53	
			For Steel Stiffened, Add	231.06	

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 13 13 13-0066	EA	2'-8" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,071.84	66.91
		For Up To 1' Extra Height, Add	259.55	
		For 1' To 1'-6" Extra Height, Add	495.19	
		For Galvanized Steel Door, Add	187.61	
		For Type 304 Stainless Steel Door, Add	750.42	
		For Type 316 Stainless Steel Door, Add	1,219.44	
		For Embossed Panel Door, Add	225.13	
		For Baked Enamel Finish, Add	301.48	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-56.94	
		For >100, Deduct	-83.73	
		For 2" Thick Door, Add	71.35	
		For Polystyrene Core, Add	93.80	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	234.51	
		For Continuously Welded And Filled Vertical Edge Seam, Add	117.25	
		For Steel Stiffened, Add	234.51	
08 13 13 13-0067	EA	2'-10" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,080.26	68.36
		For Up To 1' Extra Height, Add	261.08	
		For 1' To 1'-6" Extra Height, Add	498.09	
		For Galvanized Steel Door, Add	188.71	
		For Type 304 Stainless Steel Door, Add	754.83	
		For Type 316 Stainless Steel Door, Add	1,226.60	
		For Embossed Panel Door, Add	226.45	
		For Baked Enamel Finish, Add	303.57	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-57.43	
		For >100, Deduct	-84.44	
		For 2" Thick Door, Add	71.82	
		For Polystyrene Core, Add	94.35	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	235.89	
		For Continuously Welded And Filled Vertical Edge Seam, Add	117.94	
		For Steel Stiffened, Add	235.89	
08 13 13 13-0068	EA	3' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,088.69	69.82
		For Up To 1' Extra Height, Add	262.60	
		For 1' To 1'-6" Extra Height, Add	501.01	
		For Galvanized Steel Door, Add	189.81	
		For Type 304 Stainless Steel Door, Add	759.25	
		For Type 316 Stainless Steel Door, Add	1,233.78	
		For Embossed Panel Door, Add	227.77	
		For Baked Enamel Finish, Add	305.66	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-57.93	
		For >100, Deduct	-85.14	
		For 2" Thick Door, Add	72.30	
		For Polystyrene Core, Add	94.91	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	237.27	
		For Continuously Welded And Filled Vertical Edge Seam, Add	118.63	
		For Steel Stiffened, Add	237.27	
08 13 13 13-0069	EA	3'-4" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,160.42	69.82
		For Up To 1' Extra Height, Add	282.45	
		For 1' To 1'-6" Extra Height, Add	538.88	
		For Galvanized Steel Door, Add	204.16	
		For Type 304 Stainless Steel Door, Add	816.63	
		For Type 316 Stainless Steel Door, Add	1,327.03	
		For Embossed Panel Door, Add	244.99	
		For Baked Enamel Finish, Add	327.18	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-61.51	
		For >100, Deduct	-90.52	
		For 2" Thick Door, Add	77.50	
		For Polystyrene Core, Add	102.08	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	255.20	
		For Continuously Welded And Filled Vertical Edge Seam, Add	127.60	
		For Steel Stiffened, Add	255.20	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 13 13 13-0070	EA		3'-6" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,193.84	72.73
			For Up To 1' Extra Height, Add	290.09	
			For 1' To 1'-6" Extra Height, Add	553.45	
			For Galvanized Steel Door, Add	209.68	
			For Type 304 Stainless Steel Door, Add	838.71	
			For Type 316 Stainless Steel Door, Add	1,362.91	
			For Embossed Panel Door, Add	251.61	
			For Baked Enamel Finish, Add	336.33	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-63.33	
			For >100, Deduct	-93.17	
			For 2" Thick Door, Add	79.64	
			For Polystyrene Core, Add	104.84	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	262.10	
			For Continuously Welded And Filled Vertical Edge Seam, Add	131.05	
			For Steel Stiffened, Add	262.10	
08 13 13 13-0071	EA		4' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	1,315.83	78.55
			For Up To 1' Extra Height, Add	320.62	
			For 1' To 1'-6" Extra Height, Add	611.70	
			For Galvanized Steel Door, Add	231.75	
			For Type 304 Stainless Steel Door, Add	926.99	
			For Type 316 Stainless Steel Door, Add	1,506.36	
			For Embossed Panel Door, Add	278.10	
			For Baked Enamel Finish, Add	371.19	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-69.72	
			For >100, Deduct	-102.61	
			For 2" Thick Door, Add	87.94	
			For Polystyrene Core, Add	115.87	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	289.69	
			For Continuously Welded And Filled Vertical Edge Seam, Add	144.84	
			For Steel Stiffened, Add	289.69	
08 13 13 13-0072			16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors <small>(08 13 13 13)</small>		
08 13 13 13-0073			6'-8" High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors <small>(08 13 13 13-0072)</small>		
08 13 13 13-0074	EA		2' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	1,136.99	64.00
			For 14 Gauge, Level 4 Maximum Duty, Add	403.60	
			For Galvanized Steel Door, Add	201.80	
			For Type 304 Stainless Steel Door, Add	807.19	
			For Type 316 Stainless Steel Door, Add	1,311.69	
			For Embossed Panel Door, Add	242.16	
			For Baked Enamel Finish, Add	321.90	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-60.05	
			For >100, Deduct	-88.47	
			For 2" Thick Door, Add	76.35	
			For Polystyrene Core, Add	100.90	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	252.25	
			For Continuously Welded And Filled Vertical Edge Seam, Add	126.12	
			For Steel Stiffened, Add	252.25	
08 13 13 13-0075	EA		2'-4" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,136.99	64.00
			For 14 Gauge, Level 4 Maximum Duty, Add	403.60	
			For Galvanized Steel Door, Add	201.80	
			For Type 304 Stainless Steel Door, Add	807.19	
			For Type 316 Stainless Steel Door, Add	1,311.69	
			For Embossed Panel Door, Add	242.16	
			For Baked Enamel Finish, Add	321.90	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-60.05	
			For >100, Deduct	-88.47	
			For 2" Thick Door, Add	76.35	
			For Polystyrene Core, Add	100.90	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	252.25	
			For Continuously Welded And Filled Vertical Edge Seam, Add	126.12	
			For Steel Stiffened, Add	252.25	

08 Openings

08 10 Doors and Frames

08 13 Metal Doors

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 13 13 13-0076	EA	2'-6" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	1,163.44	66.91
		For 14 Gauge, Level 4 Maximum Duty, Add	411.85	
		For Galvanized Steel Door, Add	205.93	
		For Type 304 Stainless Steel Door, Add	823.70	
		For Type 316 Stainless Steel Door, Add	1,338.52	
		For Embossed Panel Door, Add	247.11	
		For Baked Enamel Finish, Add	328.96	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-61.52	
		For >100, Deduct	-90.60	
		For 2" Thick Door, Add	77.99	
		For Polystyrene Core, Add	102.96	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	257.41	
		For Continuously Welded And Filled Vertical Edge Seam, Add	128.70	
		For Steel Stiffened, Add	257.41	
08 13 13 13-0077	EA	2'-8" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	1,178.80	66.91
		For 14 Gauge, Level 4 Maximum Duty, Add	418.00	
		For Galvanized Steel Door, Add	209.00	
		For Type 304 Stainless Steel Door, Add	835.99	
		For Type 316 Stainless Steel Door, Add	1,358.49	
		For Embossed Panel Door, Add	250.80	
		For Baked Enamel Finish, Add	333.57	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-62.29	
		For >100, Deduct	-91.76	
		For 2" Thick Door, Add	79.11	
		For Polystyrene Core, Add	104.50	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	261.25	
		For Continuously Welded And Filled Vertical Edge Seam, Add	130.62	
		For Steel Stiffened, Add	261.25	
08 13 13 13-0078	EA	2'-10" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	1,187.88	68.36
		For 14 Gauge, Level 4 Maximum Duty, Add	420.46	
		For Galvanized Steel Door, Add	210.23	
		For Type 304 Stainless Steel Door, Add	840.93	
		For Type 316 Stainless Steel Door, Add	1,366.51	
		For Embossed Panel Door, Add	252.28	
		For Baked Enamel Finish, Add	335.86	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-62.81	
		For >100, Deduct	-92.51	
		For 2" Thick Door, Add	79.63	
		For Polystyrene Core, Add	105.12	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	262.79	
		For Continuously Welded And Filled Vertical Edge Seam, Add	131.40	
		For Steel Stiffened, Add	262.79	
08 13 13 13-0079	EA	3' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	1,196.92	69.82
		For 14 Gauge, Level 4 Maximum Duty, Add	422.92	
		For Galvanized Steel Door, Add	211.46	
		For Type 304 Stainless Steel Door, Add	845.83	
		For Type 316 Stainless Steel Door, Add	1,374.48	
		For Embossed Panel Door, Add	253.75	
		For Baked Enamel Finish, Add	338.13	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-63.34	
		For >100, Deduct	-93.26	
		For 2" Thick Door, Add	80.14	
		For Polystyrene Core, Add	105.73	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	264.32	
		For Continuously Welded And Filled Vertical Edge Seam, Add	132.16	
		For Steel Stiffened, Add	264.32	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 13 13 13-0080	EA		3'-4" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,276.83	69.82
			For 14 Gauge, Level 4 Maximum Duty, Add	454.88	
			For Galvanized Steel Door, Add	227.44	
			For Type 304 Stainless Steel Door, Add	909.76	
			For Type 316 Stainless Steel Door, Add	1,478.36	
			For Embossed Panel Door, Add	272.93	
			For Baked Enamel Finish, Add	362.10	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-67.33	
			For >100, Deduct	-99.25	
			For 2" Thick Door, Add	85.94	
			For Polystyrene Core, Add	113.72	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	284.30	
			For Continuously Welded And Filled Vertical Edge Seam, Add	142.15	
			For Steel Stiffened, Add	284.30	
08 13 13 13-0081	EA		3'-6" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,313.38	72.73
			For 14 Gauge, Level 4 Maximum Duty, Add	467.17	
			For Galvanized Steel Door, Add	233.59	
			For Type 304 Stainless Steel Door, Add	934.34	
			For Type 316 Stainless Steel Door, Add	1,518.31	
			For Embossed Panel Door, Add	280.30	
			For Baked Enamel Finish, Add	372.20	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-69.31	
			For >100, Deduct	-102.14	
			For 2" Thick Door, Add	88.31	
			For Polystyrene Core, Add	116.79	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	291.98	
			For Continuously Welded And Filled Vertical Edge Seam, Add	145.99	
			For Steel Stiffened, Add	291.98	
08 13 13 13-0082	EA		4' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,447.96	78.55
			For 14 Gauge, Level 4 Maximum Duty, Add	516.35	
			For Galvanized Steel Door, Add	258.17	
			For Type 304 Stainless Steel Door, Add	1,032.70	
			For Type 316 Stainless Steel Door, Add	1,678.13	
			For Embossed Panel Door, Add	309.81	
			For Baked Enamel Finish, Add	410.82	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-76.33	
			For >100, Deduct	-112.52	
			For 2" Thick Door, Add	97.52	
			For Polystyrene Core, Add	129.09	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	322.72	
			For Continuously Welded And Filled Vertical Edge Seam, Add	161.36	
			For Steel Stiffened, Add	322.72	

08 13 13 13-0083 7' High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0072)

08 13 13 13-0084	EA		2' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,160.94	64.00
			For 14 Gauge, Level 4 Maximum Duty, Add	413.18	
			For Galvanized Steel Door, Add	206.59	
			For Type 304 Stainless Steel Door, Add	826.35	
			For Type 316 Stainless Steel Door, Add	1,342.82	
			For Embossed Panel Door, Add	247.91	
			For Baked Enamel Finish, Add	329.08	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-61.25	
			For >100, Deduct	-90.27	
			For 2" Thick Door, Add	78.09	
			For Polystyrene Core, Add	103.29	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	258.24	
			For Continuously Welded And Filled Vertical Edge Seam, Add	129.12	
			For Steel Stiffened, Add	258.24	

08 Openings

08 10 Doors and Frames

08 13 Metal Doors

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 13 13 13-0085	EA 2'-4" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,160.94	64.00
	For 14 Gauge, Level 4 Maximum Duty, Add	413.18	
	For Galvanized Steel Door, Add	206.59	
	For Type 304 Stainless Steel Door, Add	826.35	
	For Type 316 Stainless Steel Door, Add	1,342.82	
	For Embossed Panel Door, Add	247.91	
	For Baked Enamel Finish, Add	329.08	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-61.25	
	For >100, Deduct	-90.27	
	For 2" Thick Door, Add	78.09	
	For Polystyrene Core, Add	103.29	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	258.24	
	For Continuously Welded And Filled Vertical Edge Seam, Add	129.12	
	For Steel Stiffened, Add	258.24	
08 13 13 13-0086	EA 2'-6" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,187.87	66.91
	For 14 Gauge, Level 4 Maximum Duty, Add	421.62	
	For Galvanized Steel Door, Add	210.81	
	For Type 304 Stainless Steel Door, Add	843.25	
	For Type 316 Stainless Steel Door, Add	1,370.28	
	For Embossed Panel Door, Add	252.97	
	For Baked Enamel Finish, Add	336.29	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-62.74	
	For >100, Deduct	-92.44	
	For 2" Thick Door, Add	79.76	
	For Polystyrene Core, Add	105.41	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	263.52	
	For Continuously Welded And Filled Vertical Edge Seam, Add	131.76	
	For Steel Stiffened, Add	263.52	
08 13 13 13-0087	EA 2'-8" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,203.60	66.91
	For 14 Gauge, Level 4 Maximum Duty, Add	427.92	
	For Galvanized Steel Door, Add	213.96	
	For Type 304 Stainless Steel Door, Add	855.83	
	For Type 316 Stainless Steel Door, Add	1,390.73	
	For Embossed Panel Door, Add	256.75	
	For Baked Enamel Finish, Add	341.01	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-63.53	
	For >100, Deduct	-93.62	
	For 2" Thick Door, Add	80.91	
	For Polystyrene Core, Add	106.98	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	267.45	
	For Continuously Welded And Filled Vertical Edge Seam, Add	133.72	
	For Steel Stiffened, Add	267.45	
08 13 13 13-0088	EA 2'-10" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,212.81	68.36
	For 14 Gauge, Level 4 Maximum Duty, Add	430.44	
	For Galvanized Steel Door, Add	215.22	
	For Type 304 Stainless Steel Door, Add	860.87	
	For Type 316 Stainless Steel Door, Add	1,398.92	
	For Embossed Panel Door, Add	258.26	
	For Baked Enamel Finish, Add	343.34	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-64.06	
	For >100, Deduct	-94.38	
	For 2" Thick Door, Add	81.43	
	For Polystyrene Core, Add	107.61	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	269.02	
	For Continuously Welded And Filled Vertical Edge Seam, Add	134.51	
	For Steel Stiffened, Add	269.02	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 13 13 13-0089	EA		3' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,222.01	69.82
			For 14 Gauge, Level 4 Maximum Duty, Add	432.95	
			For Galvanized Steel Door, Add	216.48	
			For Type 304 Stainless Steel Door, Add	865.90	
			For Type 316 Stainless Steel Door, Add	1,407.09	
			For Embossed Panel Door, Add	259.77	
			For Baked Enamel Finish, Add	345.66	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-64.59	
			For >100, Deduct	-95.14	
			For 2" Thick Door, Add	81.96	
			For Polystyrene Core, Add	108.24	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	270.60	
			For Continuously Welded And Filled Vertical Edge Seam, Add	135.30	
			For Steel Stiffened, Add	270.60	
08 13 13 13-0090	EA		3'-4" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,303.82	69.82
			For 14 Gauge, Level 4 Maximum Duty, Add	465.68	
			For Galvanized Steel Door, Add	232.84	
			For Type 304 Stainless Steel Door, Add	931.35	
			For Type 316 Stainless Steel Door, Add	1,513.45	
			For Embossed Panel Door, Add	279.41	
			For Baked Enamel Finish, Add	370.20	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-68.68	
			For >100, Deduct	-101.28	
			For 2" Thick Door, Add	87.89	
			For Polystyrene Core, Add	116.42	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	291.05	
			For Continuously Welded And Filled Vertical Edge Seam, Add	145.52	
			For Steel Stiffened, Add	291.05	
08 13 13 13-0091	EA		3'-6" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,341.10	72.73
			For 14 Gauge, Level 4 Maximum Duty, Add	478.26	
			For Galvanized Steel Door, Add	239.13	
			For Type 304 Stainless Steel Door, Add	956.52	
			For Type 316 Stainless Steel Door, Add	1,554.35	
			For Embossed Panel Door, Add	286.96	
			For Baked Enamel Finish, Add	380.51	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-70.69	
			For >100, Deduct	-104.22	
			For 2" Thick Door, Add	90.32	
			For Polystyrene Core, Add	119.57	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	298.91	
			For Continuously Welded And Filled Vertical Edge Seam, Add	149.46	
			For Steel Stiffened, Add	298.91	
08 13 13 13-0092	EA		4' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,478.60	78.55
			For 14 Gauge, Level 4 Maximum Duty, Add	528.60	
			For Galvanized Steel Door, Add	264.30	
			For Type 304 Stainless Steel Door, Add	1,057.21	
			For Type 316 Stainless Steel Door, Add	1,717.96	
			For Embossed Panel Door, Add	317.16	
			For Baked Enamel Finish, Add	420.02	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-77.86	
			For >100, Deduct	-114.82	
			For 2" Thick Door, Add	99.74	
			For Polystyrene Core, Add	132.15	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	330.38	
			For Continuously Welded And Filled Vertical Edge Seam, Add	165.19	
			For Steel Stiffened, Add	330.38	

08 13 13 13-0093 7'-2" High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0072)

08 Openings

08 10 Doors and Frames

08 13 Metal Doors

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 13 13 13-0094	EA	2' x 7'-2" x 1'-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,184.89	64.00
		For 14 Gauge, Level 4 Maximum Duty, Add	422.76	
		For Galvanized Steel Door, Add	211.38	
		For Type 304 Stainless Steel Door, Add	845.51	
		For Type 316 Stainless Steel Door, Add	1,373.96	
		For Embossed Panel Door, Add	253.65	
		For Baked Enamel Finish, Add	336.27	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-62.44	
		For >100, Deduct	-92.07	
		For 2" Thick Door, Add	79.82	
		For Polystyrene Core, Add	105.69	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	264.22	
		For Continuously Welded And Filled Vertical Edge Seam, Add	132.11	
		For Steel Stiffened, Add	264.22	
08 13 13 13-0095	EA	2'-4" x 7'-2" x 1'-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,184.89	64.00
		For 14 Gauge, Level 4 Maximum Duty, Add	422.76	
		For Galvanized Steel Door, Add	211.38	
		For Type 304 Stainless Steel Door, Add	845.51	
		For Type 316 Stainless Steel Door, Add	1,373.96	
		For Embossed Panel Door, Add	253.65	
		For Baked Enamel Finish, Add	336.27	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-62.44	
		For >100, Deduct	-92.07	
		For 2" Thick Door, Add	79.82	
		For Polystyrene Core, Add	105.69	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	264.22	
		For Continuously Welded And Filled Vertical Edge Seam, Add	132.11	
		For Steel Stiffened, Add	264.22	
08 13 13 13-0096	EA	2'-6" x 7'-2" x 1'-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,212.31	66.91
		For 14 Gauge, Level 4 Maximum Duty, Add	431.40	
		For Galvanized Steel Door, Add	215.70	
		For Type 304 Stainless Steel Door, Add	862.80	
		For Type 316 Stainless Steel Door, Add	1,402.05	
		For Embossed Panel Door, Add	258.84	
		For Baked Enamel Finish, Add	343.62	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-63.96	
		For >100, Deduct	-94.27	
		For 2" Thick Door, Add	81.54	
		For Polystyrene Core, Add	107.85	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	269.63	
		For Continuously Welded And Filled Vertical Edge Seam, Add	134.81	
		For Steel Stiffened, Add	269.63	
08 13 13 13-0097	EA	2'-8" x 7'-2" x 1'-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,228.41	66.91
		For 14 Gauge, Level 4 Maximum Duty, Add	437.84	
		For Galvanized Steel Door, Add	218.92	
		For Type 304 Stainless Steel Door, Add	875.68	
		For Type 316 Stainless Steel Door, Add	1,422.98	
		For Embossed Panel Door, Add	262.70	
		For Baked Enamel Finish, Add	348.45	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-64.77	
		For >100, Deduct	-95.48	
		For 2" Thick Door, Add	82.70	
		For Polystyrene Core, Add	109.46	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	273.65	
		For Continuously Welded And Filled Vertical Edge Seam, Add	136.83	
		For Steel Stiffened, Add	273.65	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0098	EA		2'-10" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	1,237.77	68.36
			For 14 Gauge, Level 4 Maximum Duty, Add	440.42	
			For Galvanized Steel Door, Add	220.21	
			For Type 304 Stainless Steel Door, Add	880.84	
			For Type 316 Stainless Steel Door, Add	1,431.37	
			For Embossed Panel Door, Add	264.25	
			For Baked Enamel Finish, Add	350.82	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-65.31	
			For >100, Deduct	-96.25	
			For 2" Thick Door, Add	83.24	
			For Polystyrene Core, Add	110.11	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	275.26	
			For Continuously Welded And Filled Vertical Edge Seam, Add	137.63	
			For Steel Stiffened, Add	275.26	
08 13 13 13-0099	EA		3' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	1,247.10	69.82
			For 14 Gauge, Level 4 Maximum Duty, Add	442.99	
			For Galvanized Steel Door, Add	221.49	
			For Type 304 Stainless Steel Door, Add	885.98	
			For Type 316 Stainless Steel Door, Add	1,439.71	
			For Embossed Panel Door, Add	265.79	
			For Baked Enamel Finish, Add	353.19	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-65.85	
			For >100, Deduct	-97.02	
			For 2" Thick Door, Add	83.78	
			For Polystyrene Core, Add	110.75	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	276.87	
			For Continuously Welded And Filled Vertical Edge Seam, Add	138.43	
			For Steel Stiffened, Add	276.87	
08 13 13 13-0100	EA		3'-4" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,330.81	69.82
			For 14 Gauge, Level 4 Maximum Duty, Add	476.47	
			For Galvanized Steel Door, Add	238.24	
			For Type 304 Stainless Steel Door, Add	952.94	
			For Type 316 Stainless Steel Door, Add	1,548.53	
			For Embossed Panel Door, Add	285.88	
			For Baked Enamel Finish, Add	378.30	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-70.03	
			For >100, Deduct	-103.30	
			For 2" Thick Door, Add	89.85	
			For Polystyrene Core, Add	119.12	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	297.80	
			For Continuously Welded And Filled Vertical Edge Seam, Add	148.90	
			For Steel Stiffened, Add	297.80	
08 13 13 13-0101	EA		3'-6" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,368.82	72.73
			For 14 Gauge, Level 4 Maximum Duty, Add	489.35	
			For Galvanized Steel Door, Add	244.67	
			For Type 304 Stainless Steel Door, Add	978.70	
			For Type 316 Stainless Steel Door, Add	1,590.38	
			For Embossed Panel Door, Add	293.61	
			For Baked Enamel Finish, Add	388.83	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-72.08	
			For >100, Deduct	-106.30	
			For 2" Thick Door, Add	92.33	
			For Polystyrene Core, Add	122.34	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	305.84	
			For Continuously Welded And Filled Vertical Edge Seam, Add	152.92	
			For Steel Stiffened, Add	305.84	

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 13 13 13-0102	EA	4' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,509.24	78.55
		<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	540.86	
		<i>For Galvanized Steel Door, Add</i>	270.43	
		<i>For Type 304 Stainless Steel Door, Add</i>	1,081.72	
		<i>For Type 316 Stainless Steel Door, Add</i>	1,757.80	
		<i>For Embossed Panel Door, Add</i>	324.52	
		<i>For Baked Enamel Finish, Add</i>	429.21	
		<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
		<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
		<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
		<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
		<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
		<i>For >50 To 100, Deduct</i>	-79.39	
		<i>For >100, Deduct</i>	-117.12	
		<i>For 2" Thick Door, Add</i>	101.96	
		<i>For Polystyrene Core, Add</i>	135.22	
		<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	338.04	
		<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	169.02	
		<i>For Steel Stiffened, Add</i>	338.04	

08 13 13 13-0103 8' High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors
(08 13 13 13-0072)

08 13 13 13-0104	EA	2' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,382.41	64.00
		<i>For Up To 1' Extra Height, Add</i>	347.10	
		<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	501.76	
		<i>For Galvanized Steel Door, Add</i>	250.88	
		<i>For Type 304 Stainless Steel Door, Add</i>	1,003.53	
		<i>For Type 316 Stainless Steel Door, Add</i>	1,630.73	
		<i>For Embossed Panel Door, Add</i>	301.06	
		<i>For Baked Enamel Finish, Add</i>	395.52	
		<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
		<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
		<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
		<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
		<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
		<i>For >50 To 100, Deduct</i>	-72.32	
		<i>For >100, Deduct</i>	-106.88	
		<i>For 2" Thick Door, Add</i>	94.14	
		<i>For Polystyrene Core, Add</i>	125.44	
		<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	313.60	
		<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	156.80	
		<i>For Steel Stiffened, Add</i>	313.60	
08 13 13 13-0105	EA	2'-4" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,382.41	64.00
		<i>For Up To 1' Extra Height, Add</i>	347.10	
		<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	501.76	
		<i>For Galvanized Steel Door, Add</i>	250.88	
		<i>For Type 304 Stainless Steel Door, Add</i>	1,003.53	
		<i>For Type 316 Stainless Steel Door, Add</i>	1,630.73	
		<i>For Embossed Panel Door, Add</i>	301.06	
		<i>For Baked Enamel Finish, Add</i>	395.52	
		<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
		<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
		<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
		<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
		<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
		<i>For >50 To 100, Deduct</i>	-72.32	
		<i>For >100, Deduct</i>	-106.88	
		<i>For 2" Thick Door, Add</i>	94.14	
		<i>For Polystyrene Core, Add</i>	125.44	
		<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	313.60	
		<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	156.80	
		<i>For Steel Stiffened, Add</i>	313.60	
08 13 13 13-0106	EA	2'-6" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,413.88	66.91
		<i>For Up To 1' Extra Height, Add</i>	354.20	
		<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	512.03	
		<i>For Galvanized Steel Door, Add</i>	256.01	
		<i>For Type 304 Stainless Steel Door, Add</i>	1,024.06	
		<i>For Type 316 Stainless Steel Door, Add</i>	1,664.09	
		<i>For Embossed Panel Door, Add</i>	307.22	
		<i>For Baked Enamel Finish, Add</i>	404.09	
		<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
		<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
		<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
		<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
		<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
		<i>For >50 To 100, Deduct</i>	-74.04	
		<i>For >100, Deduct</i>	-109.39	
		<i>For 2" Thick Door, Add</i>	96.15	
		<i>For Polystyrene Core, Add</i>	128.01	
		<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	320.02	
		<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	160.01	
		<i>For Steel Stiffened, Add</i>	320.02	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 13 13 13-0107	EA		2'-8" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,432.98	66.91
			For Up To 1' Extra Height, Add	359.48	
			For 14 Gauge, Level 4 Maximum Duty, Add	519.67	
			For Galvanized Steel Door, Add	259.83	
			For Type 304 Stainless Steel Door, Add	1,039.34	
			For Type 316 Stainless Steel Door, Add	1,688.92	
			For Embossed Panel Door, Add	311.80	
			For Baked Enamel Finish, Add	409.82	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-74.99	
			For >100, Deduct	-110.82	
			For 2" Thick Door, Add	97.54	
			For Polystyrene Core, Add	129.92	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	324.79	
			For Continuously Welded And Filled Vertical Edge Seam, Add	162.40	
			For Steel Stiffened, Add	324.79	
08 13 13 13-0108	EA		2'-10" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,443.53	68.36
			For Up To 1' Extra Height, Add	361.59	
			For 14 Gauge, Level 4 Maximum Duty, Add	522.72	
			For Galvanized Steel Door, Add	261.36	
			For Type 304 Stainless Steel Door, Add	1,045.45	
			For Type 316 Stainless Steel Door, Add	1,698.85	
			For Embossed Panel Door, Add	313.63	
			For Baked Enamel Finish, Add	412.55	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-75.59	
			For >100, Deduct	-111.68	
			For 2" Thick Door, Add	98.16	
			For Polystyrene Core, Add	130.68	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	326.70	
			For Continuously Welded And Filled Vertical Edge Seam, Add	163.35	
			For Steel Stiffened, Add	326.70	
08 13 13 13-0109	EA		3' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,454.08	69.82
			For Up To 1' Extra Height, Add	363.71	
			For 14 Gauge, Level 4 Maximum Duty, Add	525.78	
			For Galvanized Steel Door, Add	262.89	
			For Type 304 Stainless Steel Door, Add	1,051.56	
			For Type 316 Stainless Steel Door, Add	1,708.79	
			For Embossed Panel Door, Add	315.47	
			For Baked Enamel Finish, Add	415.28	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-76.19	
			For >100, Deduct	-112.55	
			For 2" Thick Door, Add	98.79	
			For Polystyrene Core, Add	131.45	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	328.61	
			For Continuously Welded And Filled Vertical Edge Seam, Add	164.31	
			For Steel Stiffened, Add	328.61	
08 13 13 13-0110	EA		3'-4" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,553.43	69.82
			For Up To 1' Extra Height, Add	391.20	
			For 14 Gauge, Level 4 Maximum Duty, Add	565.52	
			For Galvanized Steel Door, Add	282.76	
			For Type 304 Stainless Steel Door, Add	1,131.04	
			For Type 316 Stainless Steel Door, Add	1,837.94	
			For Embossed Panel Door, Add	339.31	
			For Baked Enamel Finish, Add	445.08	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-81.16	
			For >100, Deduct	-120.00	
			For 2" Thick Door, Add	105.99	
			For Polystyrene Core, Add	141.38	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	353.45	
			For Continuously Welded And Filled Vertical Edge Seam, Add	176.73	
			For Steel Stiffened, Add	353.45	

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 13 13-0111	EA	3'-6" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,597.47	72.73
		<i>For Up To 1' Extra Height, Add</i>	401.77	
		<i>For 1' To 1'-6" Extra Height, Add</i>	766.52	
		<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	580.81	
		<i>For Galvanized Steel Door, Add</i>	290.40	
		<i>For Type 304 Stainless Steel Door, Add</i>	1,161.62	
		<i>For Type 316 Stainless Steel Door, Add</i>	1,887.63	
		<i>For Embossed Panel Door, Add</i>	348.48	
		<i>For Baked Enamel Finish, Add</i>	457.42	
		<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
		<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
		<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
		<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
		<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
		<i>For >50 To 100, Deduct</i>	-83.51	
		<i>For >100, Deduct</i>	-123.45	
		<i>For 2" Thick Door, Add</i>	108.91	
		<i>For Polystyrene Core, Add</i>	145.20	
		<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	363.01	
		<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	181.50	
		<i>For Steel Stiffened, Add</i>	363.01	
08 13 13-0112	EA	4' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,761.94	78.55
		<i>For Up To 1' Extra Height, Add</i>	444.06	
		<i>For 1' To 1'-6" Extra Height, Add</i>	847.20	
		<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	641.94	
		<i>For Galvanized Steel Door, Add</i>	320.97	
		<i>For Type 304 Stainless Steel Door, Add</i>	1,283.88	
		<i>For Type 316 Stainless Steel Door, Add</i>	2,086.31	
		<i>For Embossed Panel Door, Add</i>	385.16	
		<i>For Baked Enamel Finish, Add</i>	505.02	
		<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
		<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
		<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
		<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
		<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
		<i>For >50 To 100, Deduct</i>	-92.02	
		<i>For >100, Deduct</i>	-136.07	
		<i>For 2" Thick Door, Add</i>	120.28	
		<i>For Polystyrene Core, Add</i>	160.49	
		<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	401.21	
		<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	200.61	
		<i>For Steel Stiffened, Add</i>	401.21	

08 13 13 53 Custom Hollow Metal Doors (08 13 13)**08 13 13 53-0001 Steel 18 Gauge 1-3/4" Unrated Door** (08 13 13 53)

08 13 13 53-0002	EA	2'-2" Or 2'-4" x 6'-9" x 1-3/4", 18 Gauge, Unrated, With Semicircular Head, Hollow Metal Door.....	2,527.16	145.45
		<i>For 16 Gauge Door, Add</i>	20.30	
08 13 13 53-0003	EA	2'-6" x 6'-9" x 1-3/4", 18 Gauge, Unrated, With Semicircular Head, Hollow Metal Door.....	2,643.21	174.54
		<i>For 16 Gauge Door, Add</i>	20.30	

08 13 73 Sliding Metal Doors (08 13)**08 13 73 00-0001 Sliding Bypass Mirror Doors** (08 13 73)

Note: Includes 3.0 mm thick, steel frameless safety backed mirrors with anti-jump rollers and guides.

08 13 73 00-0002	EA	4' x 6' 8", Sliding Bypass Mirror Doors	496.44	87.27
08 13 73 00-0003	EA	5' x 6' 8", Sliding Bypass Mirror Doors	564.07	93.09
08 13 73 00-0004	EA	6' x 6' 8", Sliding Bypass Mirror Doors	631.69	98.90
08 13 73 00-0005	EA	8' x 6' 8", Sliding Bypass Mirror Doors	755.29	104.72

08 14 Wood Doors (08 14)
 Note: Includes machining for all hardware, except mortised locks. Excludes frames, finish hardware (unless note states included).
 See CSI section 08 05 13 00-0040 for mortise preparation, 08 70 00 00-0000 for finish hardware.
08 14 16 Flush Wood Doors (08 14)**08 14 16 00-0001 1-3/8" Thick, Hollow Core (HC), Wood Doors** (08 14 16)**08 14 16 00-0002 Birch Faced Wood Door** (08 14 16 00-0001)

08 14 16 00-0003	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	282.89	64.00
		<i>For >50 To 100, Deduct</i>	-17.34	
		<i>For >100, Deduct</i>	-24.42	
08 14 16 00-0004	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	282.89	64.00
		<i>For >50 To 100, Deduct</i>	-17.34	
		<i>For >100, Deduct</i>	-24.42	
08 14 16 00-0005	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	299.68	66.91
		<i>For >50 To 100, Deduct</i>	-18.33	
		<i>For >100, Deduct</i>	-25.82	
08 14 16 00-0006	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	307.75	66.91
		<i>For >50 To 100, Deduct</i>	-18.73	
		<i>For >100, Deduct</i>	-26.43	
08 14 16 00-0007	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	309.64	66.91
		<i>For >50 To 100, Deduct</i>	-18.83	
		<i>For >100, Deduct</i>	-26.57	
08 14 16 00-0008	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	316.42	69.82
		<i>For >50 To 100, Deduct</i>	-19.31	
		<i>For >100, Deduct</i>	-27.22	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 14 16 00-0009	EA		3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	333.68 -20.17 -28.52	69.82
08 14 16 00-0010	EA		3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	351.93 -21.23 -30.03	72.73
08 14 16 00-0011	EA		2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	291.92 -17.80 -25.09	64.00
08 14 16 00-0012	EA		2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	291.92 -17.80 -25.09	64.00
08 14 16 00-0013	EA		2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	309.35 -18.81 -26.55	66.91
08 14 16 00-0014	EA		2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	317.89 -19.24 -27.19	66.91
08 14 16 00-0015	EA		2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	319.89 -19.34 -27.34	66.91
08 14 16 00-0016	EA		3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	326.70 -19.83 -27.99	69.82
08 14 16 00-0017	EA		3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	344.97 -20.74 -29.36	69.82
08 14 16 00-0018	EA		3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	363.94 -21.83 -30.93	72.73
08 14 16 00-0019	EA		2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	323.88 -19.39 -27.49 41.13	64.00
08 14 16 00-0020	EA		2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	323.88 -19.39 -27.49 41.13	64.00
08 14 16 00-0021	EA		2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	343.59 -20.52 -29.11 44.05	66.91
08 14 16 00-0022	EA		2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	353.77 -21.03 -29.88 46.19	66.91
08 14 16 00-0023	EA		2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	356.17 -21.15 -30.06 46.70	66.91
08 14 16 00-0024	EA		3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	363.18 -21.65 -30.73 46.95	69.82
08 14 16 00-0025	EA		3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	385.01 -22.74 -32.37 51.53	69.82
08 14 16 00-0026	EA		3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	406.53 -23.96 -34.13 54.83	72.73

08 14 16 00-0027 Oak Faced Wood Door (08 14 16 00-0001)

08 14 16 00-0028	EA		2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	319.59 -19.18 -27.17	64.00
08 14 16 00-0029	EA		2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	319.59 -19.18 -27.17	64.00
08 14 16 00-0030	EA		2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	338.97 -20.29 -28.77	66.91
08 14 16 00-0031	EA		2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	348.97 -20.79 -29.52	66.91
08 14 16 00-0032	EA		2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	350.73 -20.88 -29.65	66.91
08 14 16 00-0033	EA		3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	358.31 -21.41 -30.36	69.82
08 14 16 00-0034	EA		3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	379.63 -22.47 -31.96	69.82
08 14 16 00-0035	EA		3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	400.83 -23.68 -33.70	72.73

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 14 16 00-0036	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	330.73	64.00
		<i>For >50 To 100, Deduct</i>	-19.74	
		<i>For >100, Deduct</i>	-28.00	
08 14 16 00-0037	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	330.73	64.00
		<i>For >50 To 100, Deduct</i>	-19.74	
		<i>For >100, Deduct</i>	-28.00	
08 14 16 00-0038	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	350.92	66.91
		<i>For >50 To 100, Deduct</i>	-20.89	
		<i>For >100, Deduct</i>	-29.66	
08 14 16 00-0039	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	361.49	66.91
		<i>For >50 To 100, Deduct</i>	-21.42	
		<i>For >100, Deduct</i>	-30.46	
08 14 16 00-0040	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	363.34	66.91
		<i>For >50 To 100, Deduct</i>	-21.51	
		<i>For >100, Deduct</i>	-30.60	
08 14 16 00-0041	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	371.02	69.82
		<i>For >50 To 100, Deduct</i>	-22.04	
		<i>For >100, Deduct</i>	-31.32	
08 14 16 00-0042	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	393.60	69.82
		<i>For >50 To 100, Deduct</i>	-23.17	
		<i>For >100, Deduct</i>	-33.01	
08 14 16 00-0043	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	415.68	72.73
		<i>For >50 To 100, Deduct</i>	-24.42	
		<i>For >100, Deduct</i>	-34.81	
08 14 16 00-0044	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	370.28	64.00
		<i>For >50 To 100, Deduct</i>	-21.71	
		<i>For >100, Deduct</i>	-30.97	
		<i>For 9' Door Height, Add</i>	50.88	
08 14 16 00-0045	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	370.28	64.00
		<i>For >50 To 100, Deduct</i>	-21.71	
		<i>For >100, Deduct</i>	-30.97	
		<i>For 9' Door Height, Add</i>	50.88	
08 14 16 00-0046	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	393.25	66.91
		<i>For >50 To 100, Deduct</i>	-23.01	
		<i>For >100, Deduct</i>	-32.84	
		<i>For 9' Door Height, Add</i>	54.48	
08 14 16 00-0047	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	405.87	66.91
		<i>For >50 To 100, Deduct</i>	-23.64	
		<i>For >100, Deduct</i>	-33.79	
		<i>For 9' Door Height, Add</i>	57.13	
08 14 16 00-0048	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	408.11	66.91
		<i>For >50 To 100, Deduct</i>	-23.75	
		<i>For >100, Deduct</i>	-33.95	
		<i>For 9' Door Height, Add</i>	57.60	
08 14 16 00-0049	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	416.14	69.82
		<i>For >50 To 100, Deduct</i>	-24.30	
		<i>For >100, Deduct</i>	-34.70	
		<i>For 9' Door Height, Add</i>	58.07	
08 14 16 00-0050	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	443.13	69.82
		<i>For >50 To 100, Deduct</i>	-25.65	
		<i>For >100, Deduct</i>	-36.73	
		<i>For 9' Door Height, Add</i>	63.74	
08 14 16 00-0051	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	468.39	72.73
		<i>For >50 To 100, Deduct</i>	-27.06	
		<i>For >100, Deduct</i>	-38.77	
		<i>For 9' Door Height, Add</i>	67.82	

08 14 16 00-0052 Maple Faced Wood Door (08 14 16 00-0001)

08 14 16 00-0053	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	357.92	64.00
		<i>For >50 To 100, Deduct</i>	-21.10	
		<i>For >100, Deduct</i>	-30.04	
08 14 16 00-0054	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	357.92	64.00
		<i>For >50 To 100, Deduct</i>	-21.10	
		<i>For >100, Deduct</i>	-30.04	
08 14 16 00-0055	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	380.00	66.91
		<i>For >50 To 100, Deduct</i>	-22.35	
		<i>For >100, Deduct</i>	-31.85	
08 14 16 00-0056	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	392.00	66.91
		<i>For >50 To 100, Deduct</i>	-22.95	
		<i>For >100, Deduct</i>	-32.75	
08 14 16 00-0057	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	394.12	66.91
		<i>For >50 To 100, Deduct</i>	-23.05	
		<i>For >100, Deduct</i>	-32.90	
08 14 16 00-0058	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	402.05	69.82
		<i>For >50 To 100, Deduct</i>	-23.59	
		<i>For >100, Deduct</i>	-33.64	
08 14 16 00-0059	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	427.64	69.82
		<i>For >50 To 100, Deduct</i>	-24.87	
		<i>For >100, Deduct</i>	-35.56	
08 14 16 00-0060	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	451.90	72.73
		<i>For >50 To 100, Deduct</i>	-26.23	
		<i>For >100, Deduct</i>	-37.53	
08 14 16 00-0061	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	371.27	64.00
		<i>For >50 To 100, Deduct</i>	-21.76	
		<i>For >100, Deduct</i>	-31.05	
08 14 16 00-0062	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	371.27	64.00
		<i>For >50 To 100, Deduct</i>	-21.76	
		<i>For >100, Deduct</i>	-31.05	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 14 16 00-0063	EA		2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	394.34	66.91
			<i>For >50 To 100, Deduct</i>	-23.06	
			<i>For >100, Deduct</i>	-32.92	
08 14 16 00-0064	EA		2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	407.02	66.91
			<i>For >50 To 100, Deduct</i>	-23.70	
			<i>For >100, Deduct</i>	-33.87	
08 14 16 00-0065	EA		2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	409.26	66.91
			<i>For >50 To 100, Deduct</i>	-23.81	
			<i>For >100, Deduct</i>	-34.04	
08 14 16 00-0066	EA		3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	417.29	69.82
			<i>For >50 To 100, Deduct</i>	-24.36	
			<i>For >100, Deduct</i>	-34.79	
08 14 16 00-0067	EA		3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	444.38	69.82
			<i>For >50 To 100, Deduct</i>	-25.71	
			<i>For >100, Deduct</i>	-36.82	
08 14 16 00-0068	EA		3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	469.74	72.73
			<i>For >50 To 100, Deduct</i>	-27.12	
			<i>For >100, Deduct</i>	-38.87	
08 14 16 00-0069	EA		2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	418.73	64.00
			<i>For >50 To 100, Deduct</i>	-24.14	
			<i>For >100, Deduct</i>	-34.60	
			<i>For 9' Door Height, Add</i>	61.05	
08 14 16 00-0070	EA		2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	418.73	64.00
			<i>For >50 To 100, Deduct</i>	-24.14	
			<i>For >100, Deduct</i>	-34.60	
			<i>For 9' Door Height, Add</i>	61.05	
08 14 16 00-0071	EA		2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	445.13	66.91
			<i>For >50 To 100, Deduct</i>	-25.60	
			<i>For >100, Deduct</i>	-36.73	
			<i>For 9' Door Height, Add</i>	65.38	
08 14 16 00-0072	EA		2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	460.27	66.91
			<i>For >50 To 100, Deduct</i>	-26.36	
			<i>For >100, Deduct</i>	-37.87	
			<i>For 9' Door Height, Add</i>	68.56	
08 14 16 00-0073	EA		2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	462.96	66.91
			<i>For >50 To 100, Deduct</i>	-26.49	
			<i>For >100, Deduct</i>	-38.07	
			<i>For 9' Door Height, Add</i>	69.12	
08 14 16 00-0074	EA		3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	471.44	69.82
			<i>For >50 To 100, Deduct</i>	-27.06	
			<i>For >100, Deduct</i>	-38.85	
			<i>For 9' Door Height, Add</i>	69.68	
08 14 16 00-0075	EA		3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	503.85	69.82
			<i>For >50 To 100, Deduct</i>	-28.68	
			<i>For >100, Deduct</i>	-41.28	
			<i>For 9' Door Height, Add</i>	76.49	
08 14 16 00-0076	EA		3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	532.98	72.73
			<i>For >50 To 100, Deduct</i>	-30.29	
			<i>For >100, Deduct</i>	-43.61	
			<i>For 9' Door Height, Add</i>	81.38	

08 14 16 00-0077 Lauan Faced Wood Doors (08 14 16 00-0001)

08 14 16 00-0078	EA		2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	243.82	64.00
			<i>For >50 To 100, Deduct</i>	-15.39	
			<i>For >100, Deduct</i>	-21.49	
08 14 16 00-0079	EA		2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	243.82	64.00
			<i>For >50 To 100, Deduct</i>	-15.39	
			<i>For >100, Deduct</i>	-21.49	
08 14 16 00-0080	EA		2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	257.48	66.91
			<i>For >50 To 100, Deduct</i>	-16.22	
			<i>For >100, Deduct</i>	-22.66	
08 14 16 00-0081	EA		2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	264.11	66.91
			<i>For >50 To 100, Deduct</i>	-16.55	
			<i>For >100, Deduct</i>	-23.15	
08 14 16 00-0082	EA		2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	266.45	66.91
			<i>For >50 To 100, Deduct</i>	-16.67	
			<i>For >100, Deduct</i>	-23.33	
08 14 16 00-0083	EA		3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	274.60	69.82
			<i>For >50 To 100, Deduct</i>	-17.22	
			<i>For >100, Deduct</i>	-24.09	
08 14 16 00-0084	EA		3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	287.51	69.82
			<i>For >50 To 100, Deduct</i>	-17.87	
			<i>For >100, Deduct</i>	-25.05	
08 14 16 00-0085	EA		3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	302.81	72.73
			<i>For >50 To 100, Deduct</i>	-18.78	
			<i>For >100, Deduct</i>	-26.35	
08 14 16 00-0086	EA		2'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	250.56	64.00
			<i>For >50 To 100, Deduct</i>	-15.73	
			<i>For >100, Deduct</i>	-21.99	
08 14 16 00-0087	EA		2'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	250.55	64.00
			<i>For >50 To 100, Deduct</i>	-15.73	
			<i>For >100, Deduct</i>	-21.99	
08 14 16 00-0088	EA		2'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	264.68	66.91
			<i>For >50 To 100, Deduct</i>	-16.58	
			<i>For >100, Deduct</i>	-23.20	
08 14 16 00-0089	EA		2'-8" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	271.69	66.91
			<i>For >50 To 100, Deduct</i>	-16.93	
			<i>For >100, Deduct</i>	-23.72	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 16 00-0090	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	274.16	66.91
		<i>For >50 To 100, Deduct</i>	-17.05	
		<i>For >100, Deduct</i>	-23.91	
08 14 16 00-0091	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	282.45	69.82
		<i>For >50 To 100, Deduct</i>	-17.61	
		<i>For >100, Deduct</i>	-24.67	
08 14 16 00-0092	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	296.11	69.82
		<i>For >50 To 100, Deduct</i>	-18.30	
		<i>For >100, Deduct</i>	-25.70	
08 14 16 00-0093	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	311.95	72.73
		<i>For >50 To 100, Deduct</i>	-19.23	
		<i>For >100, Deduct</i>	-27.03	
08 14 16 00-0094	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	274.47	64.00
		<i>For >50 To 100, Deduct</i>	-16.92	
		<i>For >100, Deduct</i>	-23.79	
		<i>For 9' Door Height, Add</i>	30.76	
08 14 16 00-0095	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	274.44	64.00
		<i>For >50 To 100, Deduct</i>	-16.92	
		<i>For >100, Deduct</i>	-23.78	
		<i>For 9' Door Height, Add</i>	30.75	
08 14 16 00-0096	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	290.21	66.91
		<i>For >50 To 100, Deduct</i>	-17.86	
		<i>For >100, Deduct</i>	-25.11	
		<i>For 9' Door Height, Add</i>	32.84	
08 14 16 00-0097	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	298.56	66.91
		<i>For >50 To 100, Deduct</i>	-18.27	
		<i>For >100, Deduct</i>	-25.74	
		<i>For 9' Door Height, Add</i>	34.60	
08 14 16 00-0098	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	301.54	66.91
		<i>For >50 To 100, Deduct</i>	-18.42	
		<i>For >100, Deduct</i>	-25.96	
		<i>For 9' Door Height, Add</i>	35.22	
08 14 16 00-0099	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	310.31	69.82
		<i>For >50 To 100, Deduct</i>	-19.01	
		<i>For >100, Deduct</i>	-26.76	
		<i>For 9' Door Height, Add</i>	35.84	
08 14 16 00-0100	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	326.64	69.82
		<i>For >50 To 100, Deduct</i>	-19.82	
		<i>For >100, Deduct</i>	-27.99	
		<i>For 9' Door Height, Add</i>	39.27	
08 14 16 00-0101	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	344.40	72.73
		<i>For >50 To 100, Deduct</i>	-20.86	
		<i>For >100, Deduct</i>	-29.47	
		<i>For 9' Door Height, Add</i>	41.78	

08 14 16 00-0102 Medium Density Overlay (MDO) Faced Wood Doors (08 14 16 00-0001)

08 14 16 00-0103	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	246.96	64.00
		<i>For >50 To 100, Deduct</i>	-15.55	
		<i>For >100, Deduct</i>	-21.72	
08 14 16 00-0104	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	246.96	64.00
		<i>For >50 To 100, Deduct</i>	-15.55	
		<i>For >100, Deduct</i>	-21.72	
08 14 16 00-0105	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	261.45	66.91
		<i>For >50 To 100, Deduct</i>	-16.42	
		<i>For >100, Deduct</i>	-22.95	
08 14 16 00-0106	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	265.55	66.91
		<i>For >50 To 100, Deduct</i>	-16.62	
		<i>For >100, Deduct</i>	-23.26	
08 14 16 00-0107	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	269.68	66.91
		<i>For >50 To 100, Deduct</i>	-16.83	
		<i>For >100, Deduct</i>	-23.57	
08 14 16 00-0108	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	279.60	69.82
		<i>For >50 To 100, Deduct</i>	-17.47	
		<i>For >100, Deduct</i>	-24.46	
08 14 16 00-0109	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	295.00	69.82
		<i>For >50 To 100, Deduct</i>	-18.24	
		<i>For >100, Deduct</i>	-25.62	
08 14 16 00-0110	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	310.75	72.73
		<i>For >50 To 100, Deduct</i>	-19.17	
		<i>For >100, Deduct</i>	-26.94	
08 14 16 00-0111	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	253.88	64.00
		<i>For >50 To 100, Deduct</i>	-15.89	
		<i>For >100, Deduct</i>	-22.24	
08 14 16 00-0112	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	253.88	64.00
		<i>For >50 To 100, Deduct</i>	-15.89	
		<i>For >100, Deduct</i>	-22.24	
08 14 16 00-0113	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	268.87	66.91
		<i>For >50 To 100, Deduct</i>	-16.79	
		<i>For >100, Deduct</i>	-23.51	
08 14 16 00-0114	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	273.22	66.91
		<i>For >50 To 100, Deduct</i>	-17.01	
		<i>For >100, Deduct</i>	-23.84	
08 14 16 00-0115	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	277.59	66.91
		<i>For >50 To 100, Deduct</i>	-17.22	
		<i>For >100, Deduct</i>	-24.16	
08 14 16 00-0116	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	287.76	69.82
		<i>For >50 To 100, Deduct</i>	-17.88	
		<i>For >100, Deduct</i>	-25.07	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 14 16 00-0117	EA		3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	304.05	69.82
			<i>For >50 To 100, Deduct</i>	-18.69	
			<i>For >100, Deduct</i>	-26.29	
08 14 16 00-0118	EA		3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	320.37	72.73
			<i>For >50 To 100, Deduct</i>	-19.65	
			<i>For >100, Deduct</i>	-27.66	
08 14 16 00-0119	EA		2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	278.41	64.00
			<i>For >50 To 100, Deduct</i>	-17.12	
			<i>For >100, Deduct</i>	-24.08	
			<i>For 9' Door Height, Add</i>	31.59	
08 14 16 00-0120	EA		2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	278.44	64.00
			<i>For >50 To 100, Deduct</i>	-17.12	
			<i>For >100, Deduct</i>	-24.08	
			<i>For 9' Door Height, Add</i>	31.59	
08 14 16 00-0121	EA		2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	295.20	66.91
			<i>For >50 To 100, Deduct</i>	-18.11	
			<i>For >100, Deduct</i>	-25.49	
			<i>For 9' Door Height, Add</i>	33.89	
08 14 16 00-0122	EA		2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	300.42	66.91
			<i>For >50 To 100, Deduct</i>	-18.37	
			<i>For >100, Deduct</i>	-25.88	
			<i>For 9' Door Height, Add</i>	34.99	
08 14 16 00-0123	EA		2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	305.64	66.91
			<i>For >50 To 100, Deduct</i>	-18.63	
			<i>For >100, Deduct</i>	-26.27	
			<i>For 9' Door Height, Add</i>	36.08	
08 14 16 00-0124	EA		3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	316.65	69.82
			<i>For >50 To 100, Deduct</i>	-19.32	
			<i>For >100, Deduct</i>	-27.24	
			<i>For 9' Door Height, Add</i>	37.17	
08 14 16 00-0125	EA		3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	336.12	69.82
			<i>For >50 To 100, Deduct</i>	-20.30	
			<i>For >100, Deduct</i>	-28.70	
			<i>For 9' Door Height, Add</i>	41.26	
08 14 16 00-0126	EA		3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	354.49	72.73
			<i>For >50 To 100, Deduct</i>	-21.36	
			<i>For >100, Deduct</i>	-30.22	
			<i>For 9' Door Height, Add</i>	43.90	

08 14 16 00-0127 1-3/4" Thick, Hollow Core (HC), Wood Doors (08 14 16)

08 14 16 00-0128 Birch Faced Wood Doors (08 14 16 00-0127)

08 14 16 00-0129	EA		2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	321.60	64.00
			<i>For >50 To 100, Deduct</i>	-19.28	
			<i>For >100, Deduct</i>	-27.32	
08 14 16 00-0130	EA		2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	321.60	64.00
			<i>For >50 To 100, Deduct</i>	-19.28	
			<i>For >100, Deduct</i>	-27.32	
08 14 16 00-0131	EA		2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	334.72	66.91
			<i>For >50 To 100, Deduct</i>	-20.08	
			<i>For >100, Deduct</i>	-28.45	
08 14 16 00-0132	EA		2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	337.44	66.91
			<i>For >50 To 100, Deduct</i>	-20.22	
			<i>For >100, Deduct</i>	-28.65	
08 14 16 00-0133	EA		2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	343.39	66.91
			<i>For >50 To 100, Deduct</i>	-20.51	
			<i>For >100, Deduct</i>	-29.10	
08 14 16 00-0134	EA		3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	355.17	69.82
			<i>For >50 To 100, Deduct</i>	-21.25	
			<i>For >100, Deduct</i>	-30.13	
08 14 16 00-0135	EA		3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	386.78	69.82
			<i>For >50 To 100, Deduct</i>	-22.83	
			<i>For >100, Deduct</i>	-32.50	
08 14 16 00-0136	EA		3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	456.74	72.73
			<i>For >50 To 100, Deduct</i>	-26.47	
			<i>For >100, Deduct</i>	-37.89	
08 14 16 00-0137	EA		3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	472.30	72.73
			<i>For >50 To 100, Deduct</i>	-27.25	
			<i>For >100, Deduct</i>	-39.06	
08 14 16 00-0138	EA		4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	503.42	72.73
			<i>For >50 To 100, Deduct</i>	-28.81	
			<i>For >100, Deduct</i>	-41.39	
08 14 16 00-0139	EA		2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	332.89	64.00
			<i>For >50 To 100, Deduct</i>	-19.84	
			<i>For >100, Deduct</i>	-28.17	
08 14 16 00-0140	EA		2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	332.88	64.00
			<i>For >50 To 100, Deduct</i>	-19.84	
			<i>For >100, Deduct</i>	-28.17	
08 14 16 00-0141	EA		2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	346.41	66.91
			<i>For >50 To 100, Deduct</i>	-20.67	
			<i>For >100, Deduct</i>	-29.33	
08 14 16 00-0142	EA		2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	349.29	66.91
			<i>For >50 To 100, Deduct</i>	-20.81	
			<i>For >100, Deduct</i>	-29.54	
08 14 16 00-0143	EA		2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	355.59	66.91
			<i>For >50 To 100, Deduct</i>	-21.12	
			<i>For >100, Deduct</i>	-30.01	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 14 16 00-0144	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	367.70	69.82
		<i>For >50 To 100, Deduct</i>	-21.88	
		<i>For >100, Deduct</i>	-31.07	
08 14 16 00-0145	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	401.16	69.82
		<i>For >50 To 100, Deduct</i>	-23.55	
		<i>For >100, Deduct</i>	-33.58	
08 14 16 00-0146	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	474.87	72.73
		<i>For >50 To 100, Deduct</i>	-27.38	
		<i>For >100, Deduct</i>	-39.25	
08 14 16 00-0147	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	491.32	72.73
		<i>For >50 To 100, Deduct</i>	-28.20	
		<i>For >100, Deduct</i>	-40.49	
08 14 16 00-0148	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	524.27	72.73
		<i>For >50 To 100, Deduct</i>	-29.85	
		<i>For >100, Deduct</i>	-42.96	
08 14 16 00-0149	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	372.84	64.00
		<i>For >50 To 100, Deduct</i>	-21.84	
		<i>For >100, Deduct</i>	-31.16	
		<i>For 9' Door Height, Add</i>	51.42	
08 14 16 00-0150	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	372.84	64.00
		<i>For >50 To 100, Deduct</i>	-21.84	
		<i>For >100, Deduct</i>	-31.16	
		<i>For 9' Door Height, Add</i>	51.42	
08 14 16 00-0151	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	387.87	66.91
		<i>For >50 To 100, Deduct</i>	-22.74	
		<i>For >100, Deduct</i>	-32.44	
		<i>For 9' Door Height, Add</i>	53.35	
08 14 16 00-0152	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	391.30	66.91
		<i>For >50 To 100, Deduct</i>	-22.91	
		<i>For >100, Deduct</i>	-32.69	
		<i>For 9' Door Height, Add</i>	54.07	
08 14 16 00-0153	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	398.86	66.91
		<i>For >50 To 100, Deduct</i>	-23.29	
		<i>For >100, Deduct</i>	-33.26	
		<i>For 9' Door Height, Add</i>	55.66	
08 14 16 00-0154	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	412.17	69.82
		<i>For >50 To 100, Deduct</i>	-24.10	
		<i>For >100, Deduct</i>	-34.40	
		<i>For 9' Door Height, Add</i>	57.23	
08 14 16 00-0155	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	452.16	69.82
		<i>For >50 To 100, Deduct</i>	-26.10	
		<i>For >100, Deduct</i>	-37.40	
		<i>For 9' Door Height, Add</i>	65.63	
08 14 16 00-0156	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	539.10	72.73
		<i>For >50 To 100, Deduct</i>	-30.59	
		<i>For >100, Deduct</i>	-44.07	
		<i>For 9' Door Height, Add</i>	82.67	
08 14 16 00-0157	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	558.76	72.73
		<i>For >50 To 100, Deduct</i>	-31.57	
		<i>For >100, Deduct</i>	-45.54	
		<i>For 9' Door Height, Add</i>	86.80	
08 14 16 00-0158	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	598.15	72.73
		<i>For >50 To 100, Deduct</i>	-33.54	
		<i>For >100, Deduct</i>	-48.50	
		<i>For 9' Door Height, Add</i>	95.07	

08 14 16 00-0159 Oak Faced Wood Doors (08 14 16 00-0127)

08 14 16 00-0160	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	382.77	64.00
		<i>For >50 To 100, Deduct</i>	-22.34	
		<i>For >100, Deduct</i>	-31.91	
08 14 16 00-0161	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	382.77	64.00
		<i>For >50 To 100, Deduct</i>	-22.34	
		<i>For >100, Deduct</i>	-31.91	
08 14 16 00-0162	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	398.15	66.91
		<i>For >50 To 100, Deduct</i>	-23.25	
		<i>For >100, Deduct</i>	-33.21	
08 14 16 00-0163	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	401.74	66.91
		<i>For >50 To 100, Deduct</i>	-23.43	
		<i>For >100, Deduct</i>	-33.48	
08 14 16 00-0164	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	409.58	66.91
		<i>For >50 To 100, Deduct</i>	-23.82	
		<i>For >100, Deduct</i>	-34.06	
08 14 16 00-0165	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	423.22	69.82
		<i>For >50 To 100, Deduct</i>	-24.65	
		<i>For >100, Deduct</i>	-35.23	
08 14 16 00-0166	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	464.81	69.82
		<i>For >50 To 100, Deduct</i>	-26.73	
		<i>For >100, Deduct</i>	-38.35	
08 14 16 00-0167	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	555.04	72.73
		<i>For >50 To 100, Deduct</i>	-31.39	
		<i>For >100, Deduct</i>	-45.26	
08 14 16 00-0168	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	575.54	72.73
		<i>For >50 To 100, Deduct</i>	-32.41	
		<i>For >100, Deduct</i>	-46.80	
08 14 16 00-0169	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	616.53	72.73
		<i>For >50 To 100, Deduct</i>	-34.46	
		<i>For >100, Deduct</i>	-49.88	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0170	EA		2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	397.58	64.00
			<i>For >50 To 100, Deduct</i>	-23.08	
			<i>For >100, Deduct</i>	-33.02	
08 14 16 00-0171	EA		2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	397.59	64.00
			<i>For >50 To 100, Deduct</i>	-23.08	
			<i>For >100, Deduct</i>	-33.02	
08 14 16 00-0172	EA		2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	413.53	66.91
			<i>For >50 To 100, Deduct</i>	-24.02	
			<i>For >100, Deduct</i>	-34.36	
08 14 16 00-0173	EA		2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	417.33	66.91
			<i>For >50 To 100, Deduct</i>	-24.21	
			<i>For >100, Deduct</i>	-34.65	
08 14 16 00-0174	EA		2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	425.63	66.91
			<i>For >50 To 100, Deduct</i>	-24.63	
			<i>For >100, Deduct</i>	-35.27	
08 14 16 00-0175	EA		3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	439.72	69.82
			<i>For >50 To 100, Deduct</i>	-25.48	
			<i>For >100, Deduct</i>	-36.47	
08 14 16 00-0176	EA		3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	483.74	69.82
			<i>For >50 To 100, Deduct</i>	-27.68	
			<i>For >100, Deduct</i>	-39.77	
08 14 16 00-0177	EA		3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	578.89	72.73
			<i>For >50 To 100, Deduct</i>	-32.58	
			<i>For >100, Deduct</i>	-47.05	
08 14 16 00-0178	EA		3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	600.58	72.73
			<i>For >50 To 100, Deduct</i>	-33.67	
			<i>For >100, Deduct</i>	-48.68	
08 14 16 00-0179	EA		4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	643.94	72.73
			<i>For >50 To 100, Deduct</i>	-35.83	
			<i>For >100, Deduct</i>	-51.93	
08 14 16 00-0180	EA		2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	450.14	64.00
			<i>For >50 To 100, Deduct</i>	-25.71	
			<i>For >100, Deduct</i>	-36.96	
			<i>For 9' Door Height, Add</i>	67.65	
08 14 16 00-0181	EA		2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	450.17	64.00
			<i>For >50 To 100, Deduct</i>	-25.71	
			<i>For >100, Deduct</i>	-36.96	
			<i>For 9' Door Height, Add</i>	67.66	
08 14 16 00-0182	EA		2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	468.09	66.91
			<i>For >50 To 100, Deduct</i>	-26.75	
			<i>For >100, Deduct</i>	-38.45	
			<i>For 9' Door Height, Add</i>	70.20	
08 14 16 00-0183	EA		2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	472.60	66.91
			<i>For >50 To 100, Deduct</i>	-26.98	
			<i>For >100, Deduct</i>	-38.79	
			<i>For 9' Door Height, Add</i>	71.15	
08 14 16 00-0184	EA		2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	482.53	66.91
			<i>For >50 To 100, Deduct</i>	-27.47	
			<i>For >100, Deduct</i>	-39.54	
			<i>For 9' Door Height, Add</i>	73.23	
08 14 16 00-0185	EA		3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	498.24	69.82
			<i>For >50 To 100, Deduct</i>	-28.40	
			<i>For >100, Deduct</i>	-40.86	
			<i>For 9' Door Height, Add</i>	75.31	
08 14 16 00-0186	EA		3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	550.86	69.82
			<i>For >50 To 100, Deduct</i>	-31.03	
			<i>For >100, Deduct</i>	-44.81	
			<i>For 9' Door Height, Add</i>	86.36	
08 14 16 00-0187	EA		3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	663.41	72.73
			<i>For >50 To 100, Deduct</i>	-36.81	
			<i>For >100, Deduct</i>	-53.39	
			<i>For 9' Door Height, Add</i>	108.77	
08 14 16 00-0188	EA		3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	689.34	72.73
			<i>For >50 To 100, Deduct</i>	-38.10	
			<i>For >100, Deduct</i>	-55.34	
			<i>For 9' Door Height, Add</i>	114.22	
08 14 16 00-0189	EA		4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	741.16	72.73
			<i>For >50 To 100, Deduct</i>	-40.69	
			<i>For >100, Deduct</i>	-59.22	
			<i>For 9' Door Height, Add</i>	125.10	
08 14 16 00-0190			Maple Faced Wood Doors <small>(08 14 16 00-0127)</small>		
08 14 16 00-0191	EA		2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	433.71	64.00
			<i>For >50 To 100, Deduct</i>	-24.89	
			<i>For >100, Deduct</i>	-35.73	
08 14 16 00-0192	EA		2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	433.71	64.00
			<i>For >50 To 100, Deduct</i>	-24.89	
			<i>For >100, Deduct</i>	-35.73	
08 14 16 00-0193	EA		2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	451.02	66.91
			<i>For >50 To 100, Deduct</i>	-25.90	
			<i>For >100, Deduct</i>	-37.17	
08 14 16 00-0194	EA		2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	455.50	66.91
			<i>For >50 To 100, Deduct</i>	-26.12	
			<i>For >100, Deduct</i>	-37.51	
08 14 16 00-0195	EA		2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	464.82	66.91
			<i>For >50 To 100, Deduct</i>	-26.59	
			<i>For >100, Deduct</i>	-38.21	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 16 00-0196	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	479.93	69.82
		<i>For >50 To 100, Deduct</i>	-27.49	
		<i>For >100, Deduct</i>	-39.49	
08 14 16 00-0197	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	529.85	69.82
		<i>For >50 To 100, Deduct</i>	-29.98	
		<i>For >100, Deduct</i>	-43.23	
08 14 16 00-0198	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	612.52	72.73
		<i>For >50 To 100, Deduct</i>	-34.26	
		<i>For >100, Deduct</i>	-49.58	
08 14 16 00-0199	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	661.55	72.73
		<i>For >50 To 100, Deduct</i>	-36.71	
		<i>For >100, Deduct</i>	-53.25	
08 14 16 00-0200	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	710.73	72.73
		<i>For >50 To 100, Deduct</i>	-39.17	
		<i>For >100, Deduct</i>	-56.94	
08 14 16 00-0201	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	451.52	64.00
		<i>For >50 To 100, Deduct</i>	-25.78	
		<i>For >100, Deduct</i>	-37.06	
08 14 16 00-0202	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	451.52	64.00
		<i>For >50 To 100, Deduct</i>	-25.78	
		<i>For >100, Deduct</i>	-37.06	
08 14 16 00-0203	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	469.46	66.91
		<i>For >50 To 100, Deduct</i>	-26.82	
		<i>For >100, Deduct</i>	-38.55	
08 14 16 00-0204	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	474.24	66.91
		<i>For >50 To 100, Deduct</i>	-27.06	
		<i>For >100, Deduct</i>	-38.91	
08 14 16 00-0205	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	484.07	66.91
		<i>For >50 To 100, Deduct</i>	-27.55	
		<i>For >100, Deduct</i>	-39.65	
08 14 16 00-0206	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	499.72	69.82
		<i>For >50 To 100, Deduct</i>	-28.48	
		<i>For >100, Deduct</i>	-40.97	
08 14 16 00-0207	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	552.55	69.82
		<i>For >50 To 100, Deduct</i>	-31.12	
		<i>For >100, Deduct</i>	-44.93	
08 14 16 00-0208	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	639.58	72.73
		<i>For >50 To 100, Deduct</i>	-35.62	
		<i>For >100, Deduct</i>	-51.60	
08 14 16 00-0209	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	691.62	72.73
		<i>For >50 To 100, Deduct</i>	-38.22	
		<i>For >100, Deduct</i>	-55.51	
08 14 16 00-0210	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	743.62	72.73
		<i>For >50 To 100, Deduct</i>	-40.82	
		<i>For >100, Deduct</i>	-59.41	
08 14 16 00-0211	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	514.60	64.00
		<i>For >50 To 100, Deduct</i>	-28.93	
		<i>For >100, Deduct</i>	-41.80	
		<i>For 9' Door Height, Add</i>	81.19	
08 14 16 00-0212	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	514.60	64.00
		<i>For >50 To 100, Deduct</i>	-28.93	
		<i>For >100, Deduct</i>	-41.80	
		<i>For 9' Door Height, Add</i>	81.19	
08 14 16 00-0213	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	534.92	66.91
		<i>For >50 To 100, Deduct</i>	-30.09	
		<i>For >100, Deduct</i>	-43.46	
		<i>For 9' Door Height, Add</i>	84.23	
08 14 16 00-0214	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	540.62	66.91
		<i>For >50 To 100, Deduct</i>	-30.38	
		<i>For >100, Deduct</i>	-43.89	
		<i>For 9' Door Height, Add</i>	85.43	
08 14 16 00-0215	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	552.34	66.91
		<i>For >50 To 100, Deduct</i>	-30.96	
		<i>For >100, Deduct</i>	-44.77	
		<i>For 9' Door Height, Add</i>	87.89	
08 14 16 00-0216	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	569.94	69.82
		<i>For >50 To 100, Deduct</i>	-31.99	
		<i>For >100, Deduct</i>	-46.24	
		<i>For 9' Door Height, Add</i>	90.37	
08 14 16 00-0217	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	633.06	69.82
		<i>For >50 To 100, Deduct</i>	-35.14	
		<i>For >100, Deduct</i>	-50.97	
		<i>For 9' Door Height, Add</i>	103.62	
08 14 16 00-0218	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	735.97	72.73
		<i>For >50 To 100, Deduct</i>	-40.43	
		<i>For >100, Deduct</i>	-58.83	
		<i>For 9' Door Height, Add</i>	124.01	
08 14 16 00-0219	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	798.12	72.73
		<i>For >50 To 100, Deduct</i>	-43.54	
		<i>For >100, Deduct</i>	-63.50	
		<i>For 9' Door Height, Add</i>	137.06	
08 14 16 00-0220	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	860.31	72.73
		<i>For >50 To 100, Deduct</i>	-46.65	
		<i>For >100, Deduct</i>	-68.16	
		<i>For 9' Door Height, Add</i>	150.12	

08 14 16 00-0221 Walnut Faced Wood Doors (08 14 16 00-0127)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0222	EA		2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	473.13	64.00
			<i>For >50 To 100, Deduct</i>	-26.86	
			<i>For >100, Deduct</i>	-38.68	
08 14 16 00-0223	EA		2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	473.13	64.00
			<i>For >50 To 100, Deduct</i>	-26.86	
			<i>For >100, Deduct</i>	-38.68	
08 14 16 00-0224	EA		2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	481.34	66.91
			<i>For >50 To 100, Deduct</i>	-27.41	
			<i>For >100, Deduct</i>	-39.45	
08 14 16 00-0225	EA		2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	496.65	66.91
			<i>For >50 To 100, Deduct</i>	-28.18	
			<i>For >100, Deduct</i>	-40.59	
08 14 16 00-0226	EA		2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	498.99	66.91
			<i>For >50 To 100, Deduct</i>	-28.29	
			<i>For >100, Deduct</i>	-40.77	
08 14 16 00-0227	EA		3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	507.15	69.82
			<i>For >50 To 100, Deduct</i>	-28.85	
			<i>For >100, Deduct</i>	-41.53	
08 14 16 00-0228	EA		3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	548.17	69.82
			<i>For >50 To 100, Deduct</i>	-30.90	
			<i>For >100, Deduct</i>	-44.60	
08 14 16 00-0229	EA		3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	659.88	72.73
			<i>For >50 To 100, Deduct</i>	-36.63	
			<i>For >100, Deduct</i>	-53.13	
08 14 16 00-0230	EA		3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	685.60	72.73
			<i>For >50 To 100, Deduct</i>	-37.92	
			<i>For >100, Deduct</i>	-55.06	
08 14 16 00-0231	EA		4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	737.09	72.73
			<i>For >50 To 100, Deduct</i>	-40.49	
			<i>For >100, Deduct</i>	-58.92	
08 14 16 00-0232	EA		2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	493.21	64.00
			<i>For >50 To 100, Deduct</i>	-27.86	
			<i>For >100, Deduct</i>	-40.19	
08 14 16 00-0233	EA		2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	493.21	64.00
			<i>For >50 To 100, Deduct</i>	-27.86	
			<i>For >100, Deduct</i>	-40.19	
08 14 16 00-0234	EA		2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	501.58	66.91
			<i>For >50 To 100, Deduct</i>	-28.42	
			<i>For >100, Deduct</i>	-40.96	
08 14 16 00-0235	EA		2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	517.75	66.91
			<i>For >50 To 100, Deduct</i>	-29.23	
			<i>For >100, Deduct</i>	-42.18	
08 14 16 00-0236	EA		2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	520.25	66.91
			<i>For >50 To 100, Deduct</i>	-29.36	
			<i>For >100, Deduct</i>	-42.36	
08 14 16 00-0237	EA		3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	528.54	69.82
			<i>For >50 To 100, Deduct</i>	-29.92	
			<i>For >100, Deduct</i>	-43.13	
08 14 16 00-0238	EA		3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	571.93	69.82
			<i>For >50 To 100, Deduct</i>	-32.09	
			<i>For >100, Deduct</i>	-46.39	
08 14 16 00-0239	EA		3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	689.82	72.73
			<i>For >50 To 100, Deduct</i>	-38.13	
			<i>For >100, Deduct</i>	-55.37	
08 14 16 00-0240	EA		3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	717.04	72.73
			<i>For >50 To 100, Deduct</i>	-39.49	
			<i>For >100, Deduct</i>	-57.41	
08 14 16 00-0241	EA		4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	771.51	72.73
			<i>For >50 To 100, Deduct</i>	-42.21	
			<i>For >100, Deduct</i>	-61.50	
08 14 16 00-0242	EA		2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	564.43	64.00
			<i>For >50 To 100, Deduct</i>	-31.42	
			<i>For >100, Deduct</i>	-45.53	
			<i>For 9' Door Height, Add</i>	91.65	
08 14 16 00-0243	EA		2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	564.43	64.00
			<i>For >50 To 100, Deduct</i>	-31.42	
			<i>For >100, Deduct</i>	-45.53	
			<i>For 9' Door Height, Add</i>	91.65	
08 14 16 00-0244	EA		2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	573.31	66.91
			<i>For >50 To 100, Deduct</i>	-32.01	
			<i>For >100, Deduct</i>	-46.34	
			<i>For 9' Door Height, Add</i>	92.30	
08 14 16 00-0245	EA		2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	592.62	66.91
			<i>For >50 To 100, Deduct</i>	-32.98	
			<i>For >100, Deduct</i>	-47.79	
			<i>For 9' Door Height, Add</i>	96.35	
08 14 16 00-0246	EA		2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	595.60	66.91
			<i>For >50 To 100, Deduct</i>	-33.13	
			<i>For >100, Deduct</i>	-48.02	
			<i>For 9' Door Height, Add</i>	96.98	
08 14 16 00-0247	EA		3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	604.37	69.82
			<i>For >50 To 100, Deduct</i>	-33.71	
			<i>For >100, Deduct</i>	-48.82	
			<i>For 9' Door Height, Add</i>	97.60	
08 14 16 00-0248	EA		3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	656.24	69.82
			<i>For >50 To 100, Deduct</i>	-36.30	
			<i>For >100, Deduct</i>	-52.71	
			<i>For 9' Door Height, Add</i>	108.49	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

08 14 16 00-0249	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	795.98	72.73
		<i>For >50 To 100, Deduct</i>	-43.44	
		<i>For >100, Deduct</i>	-63.33	
		<i>For 9' Door Height, Add</i>	136.61	
08 14 16 00-0250	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	828.51	72.73
		<i>For >50 To 100, Deduct</i>	-45.06	
		<i>For >100, Deduct</i>	-65.77	
		<i>For 9' Door Height, Add</i>	143.44	
08 14 16 00-0251	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	893.58	72.73
		<i>For >50 To 100, Deduct</i>	-48.32	
		<i>For >100, Deduct</i>	-70.65	
		<i>For 9' Door Height, Add</i>	157.11	

08 14 16 00-0252 Lauan Faced Wood Doors (08 14 16 00-0127)

08 14 16 00-0253	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	275.14	64.00
		<i>For >50 To 100, Deduct</i>	-16.96	
		<i>For >100, Deduct</i>	-23.84	
08 14 16 00-0254	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	275.14	64.00
		<i>For >50 To 100, Deduct</i>	-16.96	
		<i>For >100, Deduct</i>	-23.84	
08 14 16 00-0255	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	291.07	66.91
		<i>For >50 To 100, Deduct</i>	-17.90	
		<i>For >100, Deduct</i>	-25.18	
08 14 16 00-0256	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	299.30	66.91
		<i>For >50 To 100, Deduct</i>	-18.31	
		<i>For >100, Deduct</i>	-25.79	
08 14 16 00-0257	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	300.93	66.91
		<i>For >50 To 100, Deduct</i>	-18.39	
		<i>For >100, Deduct</i>	-25.92	
08 14 16 00-0258	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	308.39	69.82
		<i>For >50 To 100, Deduct</i>	-18.91	
		<i>For >100, Deduct</i>	-26.62	
08 14 16 00-0259	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	326.93	69.82
		<i>For >50 To 100, Deduct</i>	-19.84	
		<i>For >100, Deduct</i>	-28.01	
08 14 16 00-0260	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	356.67	72.73
		<i>For >50 To 100, Deduct</i>	-21.47	
		<i>For >100, Deduct</i>	-30.39	
08 14 16 00-0261	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	367.20	72.73
		<i>For >50 To 100, Deduct</i>	-22.00	
		<i>For >100, Deduct</i>	-31.18	
08 14 16 00-0262	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	388.34	72.73
		<i>For >50 To 100, Deduct</i>	-23.05	
		<i>For >100, Deduct</i>	-32.76	
08 14 16 00-0263	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	283.69	64.00
		<i>For >50 To 100, Deduct</i>	-17.38	
		<i>For >100, Deduct</i>	-24.48	
08 14 16 00-0264	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	283.69	64.00
		<i>For >50 To 100, Deduct</i>	-17.38	
		<i>For >100, Deduct</i>	-24.48	
08 14 16 00-0265	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	300.23	66.91
		<i>For >50 To 100, Deduct</i>	-18.36	
		<i>For >100, Deduct</i>	-25.86	
08 14 16 00-0266	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	308.94	66.91
		<i>For >50 To 100, Deduct</i>	-18.79	
		<i>For >100, Deduct</i>	-26.52	
08 14 16 00-0267	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	310.67	66.91
		<i>For >50 To 100, Deduct</i>	-18.88	
		<i>For >100, Deduct</i>	-26.65	
08 14 16 00-0268	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	318.20	69.82
		<i>For >50 To 100, Deduct</i>	-19.40	
		<i>For >100, Deduct</i>	-27.36	
08 14 16 00-0269	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	337.84	69.82
		<i>For >50 To 100, Deduct</i>	-20.38	
		<i>For >100, Deduct</i>	-28.83	
08 14 16 00-0270	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	368.94	72.73
		<i>For >50 To 100, Deduct</i>	-22.08	
		<i>For >100, Deduct</i>	-31.31	
08 14 16 00-0271	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	380.11	72.73
		<i>For >50 To 100, Deduct</i>	-22.64	
		<i>For >100, Deduct</i>	-32.14	
08 14 16 00-0272	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	402.46	72.73
		<i>For >50 To 100, Deduct</i>	-23.76	
		<i>For >100, Deduct</i>	-33.82	
08 14 16 00-0273	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	314.05	64.00
		<i>For >50 To 100, Deduct</i>	-18.90	
		<i>For >100, Deduct</i>	-26.75	
		<i>For 9' Door Height, Add</i>	39.07	
08 14 16 00-0274	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	314.05	64.00
		<i>For >50 To 100, Deduct</i>	-18.90	
		<i>For >100, Deduct</i>	-26.75	
		<i>For 9' Door Height, Add</i>	39.07	
08 14 16 00-0275	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	332.67	66.91
		<i>For >50 To 100, Deduct</i>	-19.98	
		<i>For >100, Deduct</i>	-28.30	
		<i>For 9' Door Height, Add</i>	41.76	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 14 16 00-0276	EA		2'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	343.07	66.91
			For >50 To 100, Deduct	-20.50	
			For >100, Deduct	-29.08	
			For 9' Door Height, Add	43.94	
08 14 16 00-0277	EA		2'-10" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	345.16	66.91
			For >50 To 100, Deduct	-20.60	
			For >100, Deduct	-29.23	
			For 9' Door Height, Add	44.38	
08 14 16 00-0278	EA		3'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	353.02	69.82
			For >50 To 100, Deduct	-21.14	
			For >100, Deduct	-29.97	
			For 9' Door Height, Add	44.81	
08 14 16 00-0279	EA		3'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	376.50	69.82
			For >50 To 100, Deduct	-22.32	
			For >100, Deduct	-31.73	
			For 9' Door Height, Add	49.74	
08 14 16 00-0280	EA		3'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	412.51	72.73
			For >50 To 100, Deduct	-24.26	
			For >100, Deduct	-34.57	
			For 9' Door Height, Add	56.08	
08 14 16 00-0281	EA		3'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	425.87	72.73
			For >50 To 100, Deduct	-24.93	
			For >100, Deduct	-35.58	
			For 9' Door Height, Add	58.89	
08 14 16 00-0282	EA		4'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	452.57	72.73
			For >50 To 100, Deduct	-26.26	
			For >100, Deduct	-37.58	
			For 9' Door Height, Add	64.50	

08 14 16 00-0283 Medium Density Overlay (MDO) Faced Wood Doors (08 14 16 00-0127)

08 14 16 00-0284	EA		2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	276.20	64.00
			For >50 To 100, Deduct	-17.01	
			For >100, Deduct	-23.92	
08 14 16 00-0285	EA		2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	276.23	64.00
			For >50 To 100, Deduct	-17.01	
			For >100, Deduct	-23.92	
08 14 16 00-0286	EA		2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	286.14	66.91
			For >50 To 100, Deduct	-17.65	
			For >100, Deduct	-24.81	
08 14 16 00-0287	EA		2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	294.40	66.91
			For >50 To 100, Deduct	-18.07	
			For >100, Deduct	-25.43	
08 14 16 00-0288	EA		2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	298.53	66.91
			For >50 To 100, Deduct	-18.27	
			For >100, Deduct	-25.74	
08 14 16 00-0289	EA		3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	308.42	69.82
			For >50 To 100, Deduct	-18.91	
			For >100, Deduct	-26.62	
08 14 16 00-0290	EA		3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	317.83	69.82
			For >50 To 100, Deduct	-19.38	
			For >100, Deduct	-27.33	
08 14 16 00-0291	EA		3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	354.27	72.73
			For >50 To 100, Deduct	-21.35	
			For >100, Deduct	-30.21	
08 14 16 00-0292	EA		3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	364.70	72.73
			For >50 To 100, Deduct	-21.87	
			For >100, Deduct	-30.99	
08 14 16 00-0293	EA		4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	385.61	72.73
			For >50 To 100, Deduct	-22.92	
			For >100, Deduct	-32.56	
08 14 16 00-0294	EA		2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	284.84	64.00
			For >50 To 100, Deduct	-17.44	
			For >100, Deduct	-24.56	
08 14 16 00-0295	EA		2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	284.84	64.00
			For >50 To 100, Deduct	-17.44	
			For >100, Deduct	-24.56	
08 14 16 00-0296	EA		2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	294.99	66.91
			For >50 To 100, Deduct	-18.09	
			For >100, Deduct	-25.47	
08 14 16 00-0297	EA		2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	303.74	66.91
			For >50 To 100, Deduct	-18.53	
			For >100, Deduct	-26.13	
08 14 16 00-0298	EA		2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	308.11	66.91
			For >50 To 100, Deduct	-18.75	
			For >100, Deduct	-26.45	
08 14 16 00-0299	EA		3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	318.25	69.82
			For >50 To 100, Deduct	-19.40	
			For >100, Deduct	-27.36	
08 14 16 00-0300	EA		3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	328.21	69.82
			For >50 To 100, Deduct	-19.90	
			For >100, Deduct	-28.11	
08 14 16 00-0301	EA		3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	366.43	72.73
			For >50 To 100, Deduct	-21.96	
			For >100, Deduct	-31.12	
08 14 16 00-0302	EA		3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	377.48	72.73
			For >50 To 100, Deduct	-22.51	
			For >100, Deduct	-31.95	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 16 00-0303	EA 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	399.58	72.73
	<i>For >50 To 100, Deduct</i>	-23.62	
	<i>For >100, Deduct</i>	-33.60	
08 14 16 00-0304	EA 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	315.42	64.00
	<i>For >50 To 100, Deduct</i>	-18.97	
	<i>For >100, Deduct</i>	-26.86	
	<i>For 9' Door Height, Add</i>	39.36	
08 14 16 00-0305	EA 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	315.42	64.00
	<i>For >50 To 100, Deduct</i>	-18.97	
	<i>For >100, Deduct</i>	-26.86	
	<i>For 9' Door Height, Add</i>	39.36	
08 14 16 00-0306	EA 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	326.42	66.91
	<i>For >50 To 100, Deduct</i>	-19.67	
	<i>For >100, Deduct</i>	-27.83	
	<i>For 9' Door Height, Add</i>	40.45	
08 14 16 00-0307	EA 2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	336.86	66.91
	<i>For >50 To 100, Deduct</i>	-20.19	
	<i>For >100, Deduct</i>	-28.61	
	<i>For 9' Door Height, Add</i>	42.64	
08 14 16 00-0308	EA 2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	342.08	66.91
	<i>For >50 To 100, Deduct</i>	-20.45	
	<i>For >100, Deduct</i>	-29.00	
	<i>For 9' Door Height, Add</i>	43.74	
08 14 16 00-0309	EA 3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	353.09	69.82
	<i>For >50 To 100, Deduct</i>	-21.15	
	<i>For >100, Deduct</i>	-29.97	
	<i>For 9' Door Height, Add</i>	44.83	
08 14 16 00-0310	EA 3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	365.00	69.82
	<i>For >50 To 100, Deduct</i>	-21.74	
	<i>For >100, Deduct</i>	-30.87	
	<i>For 9' Door Height, Add</i>	47.33	
08 14 16 00-0311	EA 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	409.54	72.73
	<i>For >50 To 100, Deduct</i>	-24.11	
	<i>For >100, Deduct</i>	-34.35	
	<i>For 9' Door Height, Add</i>	55.46	
08 14 16 00-0312	EA 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	422.73	72.73
	<i>For >50 To 100, Deduct</i>	-24.77	
	<i>For >100, Deduct</i>	-35.34	
	<i>For 9' Door Height, Add</i>	58.23	
08 14 16 00-0313	EA 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	449.15	72.73
	<i>For >50 To 100, Deduct</i>	-26.09	
	<i>For >100, Deduct</i>	-37.32	
	<i>For 9' Door Height, Add</i>	63.78	

08 14 16 00-0314 1-3/8" Thick, Particleboard Core (PC), Wood Doors (08 14 16)

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 16 00-0315 Birch Faced Wood Doors (08 14 16 00-0314)

08 14 16 00-0316	EA 2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	325.22	64.00
	<i>For 7 Ply Cold Press Construction, Deduct</i>	-3.94	
	<i>For Stave Lumber Core (SLC), Add</i>	147.92	
	<i>For Structural Composite Lumber Core (SCLC), Add</i>	88.75	
	<i>For >50 To 100, Deduct</i>	-19.46	
	<i>For >100, Deduct</i>	-27.59	
08 14 16 00-0317	EA 2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	325.26	64.00
	<i>For 7 Ply Cold Press Construction, Deduct</i>	-3.95	
	<i>For Stave Lumber Core (SLC), Add</i>	147.95	
	<i>For Structural Composite Lumber Core (SCLC), Add</i>	88.77	
	<i>For >50 To 100, Deduct</i>	-19.46	
	<i>For >100, Deduct</i>	-27.59	
08 14 16 00-0318	EA 2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	341.41	66.91
	<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.15	
	<i>For Stave Lumber Core (SLC), Add</i>	155.70	
	<i>For Structural Composite Lumber Core (SCLC), Add</i>	93.42	
	<i>For >50 To 100, Deduct</i>	-20.42	
	<i>For >100, Deduct</i>	-28.95	
08 14 16 00-0319	EA 2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	351.75	66.91
	<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.36	
	<i>For Stave Lumber Core (SLC), Add</i>	163.46	
	<i>For Structural Composite Lumber Core (SCLC), Add</i>	98.07	
	<i>For >50 To 100, Deduct</i>	-20.93	
	<i>For >100, Deduct</i>	-29.73	
08 14 16 00-0320	EA 2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	358.06	66.91
	<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.49	
	<i>For Stave Lumber Core (SLC), Add</i>	168.19	
	<i>For Structural Composite Lumber Core (SCLC), Add</i>	100.91	
	<i>For >50 To 100, Deduct</i>	-21.25	
	<i>For >100, Deduct</i>	-30.20	
08 14 16 00-0321	EA 3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	370.22	69.82
	<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.61	
	<i>For Stave Lumber Core (SLC), Add</i>	172.94	
	<i>For Structural Composite Lumber Core (SCLC), Add</i>	103.77	
	<i>For >50 To 100, Deduct</i>	-22.00	
	<i>For >100, Deduct</i>	-31.26	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 14 16 00-0322	EA		3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	395.52	69.82
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.12	
			<i>For Stave Lumber Core (SLC), Add</i>	191.92	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	115.15	
			<i>For >50 To 100, Deduct</i>	-23.27	
			<i>For >100, Deduct</i>	-33.15	
08 14 16 00-0323	EA		3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	417.70	72.73
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.45	
			<i>For Stave Lumber Core (SLC), Add</i>	204.19	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	122.51	
			<i>For >50 To 100, Deduct</i>	-24.52	
			<i>For >100, Deduct</i>	-34.96	
08 14 16 00-0324	EA		2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	336.71	64.00
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.17	
			<i>For Stave Lumber Core (SLC), Add</i>	156.53	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	93.92	
			<i>For >50 To 100, Deduct</i>	-20.04	
			<i>For >100, Deduct</i>	-28.45	
08 14 16 00-0325	EA		2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	336.72	64.00
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.17	
			<i>For Stave Lumber Core (SLC), Add</i>	156.54	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	93.92	
			<i>For >50 To 100, Deduct</i>	-20.04	
			<i>For >100, Deduct</i>	-28.45	
08 14 16 00-0326	EA		2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	353.49	66.91
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.39	
			<i>For Stave Lumber Core (SLC), Add</i>	164.76	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	98.86	
			<i>For >50 To 100, Deduct</i>	-21.02	
			<i>For >100, Deduct</i>	-29.86	
08 14 16 00-0327	EA		2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	364.45	66.91
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.61	
			<i>For Stave Lumber Core (SLC), Add</i>	172.98	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	103.79	
			<i>For >50 To 100, Deduct</i>	-21.57	
			<i>For >100, Deduct</i>	-30.68	
08 14 16 00-0328	EA		2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	371.13	66.91
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.75	
			<i>For Stave Lumber Core (SLC), Add</i>	177.99	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	106.79	
			<i>For >50 To 100, Deduct</i>	-21.90	
			<i>For >100, Deduct</i>	-31.18	
08 14 16 00-0329	EA		3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	383.64	69.82
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.88	
			<i>For Stave Lumber Core (SLC), Add</i>	183.01	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	109.80	
			<i>For >50 To 100, Deduct</i>	-22.67	
			<i>For >100, Deduct</i>	-32.26	
08 14 16 00-0330	EA		3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	410.41	69.82
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.42	
			<i>For Stave Lumber Core (SLC), Add</i>	203.09	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	121.85	
			<i>For >50 To 100, Deduct</i>	-24.01	
			<i>For >100, Deduct</i>	-34.27	
08 14 16 00-0331	EA		3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	433.55	72.73
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.76	
			<i>For Stave Lumber Core (SLC), Add</i>	216.08	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	129.65	
			<i>For >50 To 100, Deduct</i>	-25.31	
			<i>For >100, Deduct</i>	-36.15	
08 14 16 00-0332	EA		2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	377.42	64.00
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.99	
			<i>For Stave Lumber Core (SLC), Add</i>	187.07	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	112.24	
			<i>For >50 To 100, Deduct</i>	-22.07	
			<i>For >100, Deduct</i>	-31.51	
			<i>For 9' Door Height, Add</i>	52.38	
08 14 16 00-0333	EA		2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	377.42	64.00
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.99	
			<i>For Stave Lumber Core (SLC), Add</i>	187.07	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	112.24	
			<i>For >50 To 100, Deduct</i>	-22.07	
			<i>For >100, Deduct</i>	-31.51	
			<i>For 9' Door Height, Add</i>	52.38	
08 14 16 00-0334	EA		2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	396.33	66.91
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.25	
			<i>For Stave Lumber Core (SLC), Add</i>	196.89	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	118.13	
			<i>For >50 To 100, Deduct</i>	-23.16	
			<i>For >100, Deduct</i>	-33.07	
			<i>For 9' Door Height, Add</i>	55.13	
08 14 16 00-0335	EA		2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	409.42	66.91
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.51	
			<i>For Stave Lumber Core (SLC), Add</i>	206.71	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	124.02	
			<i>For >50 To 100, Deduct</i>	-23.82	
			<i>For >100, Deduct</i>	-34.05	
			<i>For 9' Door Height, Add</i>	57.88	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 16 00-0336	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	417.40	66.91
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.67	
		<i>For Stave Lumber Core (SLC), Add</i>	212.69	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	127.62	
		<i>For >50 To 100, Deduct</i>	-24.22	
		<i>For >100, Deduct</i>	-34.65	
		<i>For 9' Door Height, Add</i>	59.55	
08 14 16 00-0337	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	431.22	69.82
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.83	
		<i>For Stave Lumber Core (SLC), Add</i>	218.69	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	131.22	
		<i>For >50 To 100, Deduct</i>	-25.05	
		<i>For >100, Deduct</i>	-35.83	
		<i>For 9' Door Height, Add</i>	61.23	
08 14 16 00-0338	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	463.21	69.82
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.47	
		<i>For Stave Lumber Core (SLC), Add</i>	242.69	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	145.61	
		<i>For >50 To 100, Deduct</i>	-26.65	
		<i>For >100, Deduct</i>	-38.23	
		<i>For 9' Door Height, Add</i>	67.95	
08 14 16 00-0339	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	489.72	72.73
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.89	
		<i>For Stave Lumber Core (SLC), Add</i>	258.20	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	154.92	
		<i>For >50 To 100, Deduct</i>	-28.12	
		<i>For >100, Deduct</i>	-40.37	
		<i>For 9' Door Height, Add</i>	72.30	

08 14 16 00-0340 Oak Faced Wood Doors (08 14 16 00-0314)

08 14 16 00-0341	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	371.37	64.00
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.87	
		<i>For Stave Lumber Core (SLC), Add</i>	182.53	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	109.52	
		<i>For >50 To 100, Deduct</i>	-21.77	
		<i>For >100, Deduct</i>	-31.05	
08 14 16 00-0342	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	371.37	64.00
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.87	
		<i>For Stave Lumber Core (SLC), Add</i>	182.53	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	109.52	
		<i>For >50 To 100, Deduct</i>	-21.77	
		<i>For >100, Deduct</i>	-31.05	
08 14 16 00-0343	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	389.99	66.91
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.12	
		<i>For Stave Lumber Core (SLC), Add</i>	192.14	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	115.28	
		<i>For >50 To 100, Deduct</i>	-22.84	
		<i>For >100, Deduct</i>	-32.59	
08 14 16 00-0344	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	402.76	66.91
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.38	
		<i>For Stave Lumber Core (SLC), Add</i>	201.71	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	121.03	
		<i>For >50 To 100, Deduct</i>	-23.48	
		<i>For >100, Deduct</i>	-33.55	
08 14 16 00-0345	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	410.54	66.91
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.53	
		<i>For Stave Lumber Core (SLC), Add</i>	207.55	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	124.53	
		<i>For >50 To 100, Deduct</i>	-23.87	
		<i>For >100, Deduct</i>	-34.14	
08 14 16 00-0346	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	424.18	69.82
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.69	
		<i>For Stave Lumber Core (SLC), Add</i>	213.41	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	128.05	
		<i>For >50 To 100, Deduct</i>	-24.70	
		<i>For >100, Deduct</i>	-35.30	
08 14 16 00-0347	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	455.40	69.82
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.32	
		<i>For Stave Lumber Core (SLC), Add</i>	236.83	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	142.10	
		<i>For >50 To 100, Deduct</i>	-26.26	
		<i>For >100, Deduct</i>	-37.65	
08 14 16 00-0348	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	481.39	72.73
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.72	
		<i>For Stave Lumber Core (SLC), Add</i>	251.96	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	151.17	
		<i>For >50 To 100, Deduct</i>	-27.71	
		<i>For >100, Deduct</i>	-39.74	
08 14 16 00-0349	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	385.52	64.00
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.15	
		<i>For Stave Lumber Core (SLC), Add</i>	193.14	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	115.88	
		<i>For >50 To 100, Deduct</i>	-22.48	
		<i>For >100, Deduct</i>	-32.11	
08 14 16 00-0350	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	385.52	64.00
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.15	
		<i>For Stave Lumber Core (SLC), Add</i>	193.14	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	115.88	
		<i>For >50 To 100, Deduct</i>	-22.48	
		<i>For >100, Deduct</i>	-32.11	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 14 16 00-0351	EA		2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door..... For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	404.91 -5.42 203.33 122.00 -23.59 -33.71	66.91
08 14 16 00-0352	EA		2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door..... For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	418.42 -5.69 213.46 128.07 -24.27 -34.73	66.91
08 14 16 00-0353	EA		2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door..... For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	426.65 -5.86 219.63 131.78 -24.68 -35.34	66.91
08 14 16 00-0354	EA		3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door..... For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	440.73 -6.02 225.83 135.50 -25.53 -36.55	69.82
08 14 16 00-0355	EA		3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door..... For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	473.78 -6.68 250.61 150.37 -27.18 -39.02	69.82
08 14 16 00-0356	EA		3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door..... For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	500.96 -7.11 266.63 159.98 -28.68 -41.21	72.73
08 14 16 00-0357	EA		2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door..... For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	435.73 -6.15 230.80 138.48 -24.99 -35.88	64.00
08 14 16 00-0358	EA		2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door..... For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	435.73 -6.15 230.80 138.48 -24.99 -35.88	64.00
08 14 16 00-0359	EA		2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door..... For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	457.78 -6.48 242.98 145.79 -26.23 -37.68	66.91
08 14 16 00-0360	EA		2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door..... For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	473.92 -6.80 255.08 153.05 -27.04 -38.89	66.91
08 14 16 00-0361	EA		2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door..... For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	483.75 -7.00 262.46 157.47 -27.53 -39.63	66.91
08 14 16 00-0362	EA		3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door..... For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	499.46 -7.20 269.87 161.92 -28.46 -40.95	69.82
08 14 16 00-0363	EA		3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door..... For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	538.94 -7.99 299.48 179.69 -30.44 -43.91	69.82
			For 9' Door Height, Add	83.86	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 16 00-0364	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	570.29	72.73
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.50	
		<i>For Stave Lumber Core (SLC), Add</i>	318.63	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	191.18	
		<i>For >50 To 100, Deduct</i>	-32.15	
		<i>For >100, Deduct</i>	-46.41	
		<i>For 9' Door Height, Add</i>	89.22	

08 14 16 00-0365 Maple Faced Wood Doors (08 14 16 00-0314)

08 14 16 00-0366	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	420.04	64.00
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.84	
		<i>For Stave Lumber Core (SLC), Add</i>	219.03	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	131.42	
		<i>For >50 To 100, Deduct</i>	-24.20	
		<i>For >100, Deduct</i>	-34.70	
08 14 16 00-0367	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	420.04	64.00
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.84	
		<i>For Stave Lumber Core (SLC), Add</i>	219.03	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	131.42	
		<i>For >50 To 100, Deduct</i>	-24.20	
		<i>For >100, Deduct</i>	-34.70	
08 14 16 00-0368	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	441.22	66.91
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.15	
		<i>For Stave Lumber Core (SLC), Add</i>	230.56	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	138.33	
		<i>For >50 To 100, Deduct</i>	-25.41	
		<i>For >100, Deduct</i>	-36.44	
08 14 16 00-0369	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	456.56	66.91
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.46	
		<i>For Stave Lumber Core (SLC), Add</i>	242.06	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	145.24	
		<i>For >50 To 100, Deduct</i>	-26.17	
		<i>For >100, Deduct</i>	-37.59	
08 14 16 00-0370	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	465.88	66.91
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.64	
		<i>For Stave Lumber Core (SLC), Add</i>	249.05	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	149.43	
		<i>For >50 To 100, Deduct</i>	-26.64	
		<i>For >100, Deduct</i>	-38.29	
08 14 16 00-0371	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	481.08	69.82
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.83	
		<i>For Stave Lumber Core (SLC), Add</i>	256.09	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	153.65	
		<i>For >50 To 100, Deduct</i>	-27.54	
		<i>For >100, Deduct</i>	-39.57	
08 14 16 00-0372	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	518.55	69.82
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.58	
		<i>For Stave Lumber Core (SLC), Add</i>	284.19	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	170.51	
		<i>For >50 To 100, Deduct</i>	-29.42	
		<i>For >100, Deduct</i>	-42.38	
08 14 16 00-0373	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	548.57	72.73
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.06	
		<i>For Stave Lumber Core (SLC), Add</i>	302.34	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	181.40	
		<i>For >50 To 100, Deduct</i>	-31.06	
		<i>For >100, Deduct</i>	-44.78	
08 14 16 00-0374	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	437.01	64.00
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.18	
		<i>For Stave Lumber Core (SLC), Add</i>	231.76	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	139.05	
		<i>For >50 To 100, Deduct</i>	-25.05	
		<i>For >100, Deduct</i>	-35.98	
08 14 16 00-0375	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	437.01	64.00
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.18	
		<i>For Stave Lumber Core (SLC), Add</i>	231.76	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	139.05	
		<i>For >50 To 100, Deduct</i>	-25.05	
		<i>For >100, Deduct</i>	-35.98	
08 14 16 00-0376	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	459.12	66.91
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.51	
		<i>For Stave Lumber Core (SLC), Add</i>	243.98	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	146.39	
		<i>For >50 To 100, Deduct</i>	-26.30	
		<i>For >100, Deduct</i>	-37.78	
08 14 16 00-0377	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	475.36	66.91
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.83	
		<i>For Stave Lumber Core (SLC), Add</i>	256.16	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	153.70	
		<i>For >50 To 100, Deduct</i>	-27.11	
		<i>For >100, Deduct</i>	-39.00	
08 14 16 00-0378	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	485.22	66.91
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.03	
		<i>For Stave Lumber Core (SLC), Add</i>	263.56	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	158.13	
		<i>For >50 To 100, Deduct</i>	-27.61	
		<i>For >100, Deduct</i>	-39.74	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 14 16 00-0379	EA		3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	500.97	69.82
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.23	
			<i>For Stave Lumber Core (SLC), Add</i>	271.01	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	162.60	
			<i>For >50 To 100, Deduct</i>	-28.54	
			<i>For >100, Deduct</i>	-41.06	
08 14 16 00-0380	EA		3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	540.61	69.82
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.02	
			<i>For Stave Lumber Core (SLC), Add</i>	300.74	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	180.44	
			<i>For >50 To 100, Deduct</i>	-30.52	
			<i>For >100, Deduct</i>	-44.04	
08 14 16 00-0381	EA		3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	572.05	72.73
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.53	
			<i>For Stave Lumber Core (SLC), Add</i>	319.95	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	191.97	
			<i>For >50 To 100, Deduct</i>	-32.24	
			<i>For >100, Deduct</i>	-46.54	
08 14 16 00-0382	EA		2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	497.28	64.00
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.39	
			<i>For Stave Lumber Core (SLC), Add</i>	276.96	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	166.18	
			<i>For >50 To 100, Deduct</i>	-28.06	
			<i>For >100, Deduct</i>	-40.50	
			<i>For 9' Door Height, Add</i>	77.55	
08 14 16 00-0383	EA		2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	497.28	64.00
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.39	
			<i>For Stave Lumber Core (SLC), Add</i>	276.96	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	166.18	
			<i>For >50 To 100, Deduct</i>	-28.06	
			<i>For >100, Deduct</i>	-40.50	
			<i>For 9' Door Height, Add</i>	77.55	
08 14 16 00-0384	EA		2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	522.56	66.91
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.78	
			<i>For Stave Lumber Core (SLC), Add</i>	291.56	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	174.94	
			<i>For >50 To 100, Deduct</i>	-29.47	
			<i>For >100, Deduct</i>	-42.54	
			<i>For 9' Door Height, Add</i>	81.64	
08 14 16 00-0385	EA		2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	541.93	66.91
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.16	
			<i>For Stave Lumber Core (SLC), Add</i>	306.09	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	183.65	
			<i>For >50 To 100, Deduct</i>	-30.44	
			<i>For >100, Deduct</i>	-43.99	
			<i>For 9' Door Height, Add</i>	85.71	
08 14 16 00-0386	EA		2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	553.75	66.91
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.40	
			<i>For Stave Lumber Core (SLC), Add</i>	314.96	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	188.97	
			<i>For >50 To 100, Deduct</i>	-31.03	
			<i>For >100, Deduct</i>	-44.88	
			<i>For 9' Door Height, Add</i>	88.19	
08 14 16 00-0387	EA		3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	571.41	69.82
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.64	
			<i>For Stave Lumber Core (SLC), Add</i>	323.84	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	194.30	
			<i>For >50 To 100, Deduct</i>	-32.06	
			<i>For >100, Deduct</i>	-46.35	
			<i>For 9' Door Height, Add</i>	90.67	
08 14 16 00-0388	EA		3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	618.81	69.82
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-9.58	
			<i>For Stave Lumber Core (SLC), Add</i>	359.39	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	215.63	
			<i>For >50 To 100, Deduct</i>	-34.43	
			<i>For >100, Deduct</i>	-49.90	
			<i>For 9' Door Height, Add</i>	100.63	
08 14 16 00-0389	EA		3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	655.24	72.73
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-10.20	
			<i>For Stave Lumber Core (SLC), Add</i>	382.34	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	229.41	
			<i>For >50 To 100, Deduct</i>	-36.40	
			<i>For >100, Deduct</i>	-52.78	
			<i>For 9' Door Height, Add</i>	107.06	

08 14 16 00-0390 Lauan Faced Wood Doors (08 14 16 00-0314)

08 14 16 00-0391	EA		2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	274.88	64.00
			<i>For >50 To 100, Deduct</i>	-16.94	
			<i>For >100, Deduct</i>	-23.82	
08 14 16 00-0392	EA		2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	274.88	64.00
			<i>For >50 To 100, Deduct</i>	-16.94	
			<i>For >100, Deduct</i>	-23.82	
08 14 16 00-0393	EA		2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	288.73	66.91
			<i>For >50 To 100, Deduct</i>	-17.78	
			<i>For >100, Deduct</i>	-25.00	
08 14 16 00-0394	EA		2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	296.83	66.91
			<i>For >50 To 100, Deduct</i>	-18.19	
			<i>For >100, Deduct</i>	-25.61	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 16 00-0395	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	300.90	66.91
		<i>For >50 To 100, Deduct</i>	-18.39	
		<i>For >100, Deduct</i>	-25.91	
08 14 16 00-0396	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	310.82	69.82
		<i>For >50 To 100, Deduct</i>	-19.03	
		<i>For >100, Deduct</i>	-26.80	
08 14 16 00-0397	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	329.62	69.82
		<i>For >50 To 100, Deduct</i>	-19.97	
		<i>For >100, Deduct</i>	-28.21	
08 14 16 00-0398	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	350.33	72.73
		<i>For >50 To 100, Deduct</i>	-21.15	
		<i>For >100, Deduct</i>	-29.91	
08 14 16 00-0399	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	283.43	64.00
		<i>For >50 To 100, Deduct</i>	-17.37	
		<i>For >100, Deduct</i>	-24.46	
08 14 16 00-0400	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	283.43	64.00
		<i>For >50 To 100, Deduct</i>	-17.37	
		<i>For >100, Deduct</i>	-24.46	
08 14 16 00-0401	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	297.76	66.91
		<i>For >50 To 100, Deduct</i>	-18.23	
		<i>For >100, Deduct</i>	-25.68	
08 14 16 00-0402	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	306.33	66.91
		<i>For >50 To 100, Deduct</i>	-18.66	
		<i>For >100, Deduct</i>	-26.32	
08 14 16 00-0403	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	310.64	66.91
		<i>For >50 To 100, Deduct</i>	-18.88	
		<i>For >100, Deduct</i>	-26.64	
08 14 16 00-0404	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	320.77	69.82
		<i>For >50 To 100, Deduct</i>	-19.53	
		<i>For >100, Deduct</i>	-27.55	
08 14 16 00-0405	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	340.69	69.82
		<i>For >50 To 100, Deduct</i>	-20.53	
		<i>For >100, Deduct</i>	-29.04	
08 14 16 00-0406	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	362.24	72.73
		<i>For >50 To 100, Deduct</i>	-21.75	
		<i>For >100, Deduct</i>	-30.80	
08 14 16 00-0407	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	313.76	64.00
		<i>For >50 To 100, Deduct</i>	-18.89	
		<i>For >100, Deduct</i>	-26.73	
		<i>For 9' Door Height, Add</i>	39.01	
08 14 16 00-0408	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	313.76	64.00
		<i>For >50 To 100, Deduct</i>	-18.89	
		<i>For >100, Deduct</i>	-26.73	
		<i>For 9' Door Height, Add</i>	39.01	
08 14 16 00-0409	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	329.72	66.91
		<i>For >50 To 100, Deduct</i>	-19.83	
		<i>For >100, Deduct</i>	-28.07	
		<i>For 9' Door Height, Add</i>	41.14	
08 14 16 00-0410	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	339.97	66.91
		<i>For >50 To 100, Deduct</i>	-20.34	
		<i>For >100, Deduct</i>	-28.84	
		<i>For 9' Door Height, Add</i>	43.29	
08 14 16 00-0411	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	345.12	66.91
		<i>For >50 To 100, Deduct</i>	-20.60	
		<i>For >100, Deduct</i>	-29.23	
		<i>For 9' Door Height, Add</i>	44.38	
08 14 16 00-0412	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	356.10	69.82
		<i>For >50 To 100, Deduct</i>	-21.30	
		<i>For >100, Deduct</i>	-30.20	
		<i>For 9' Door Height, Add</i>	45.46	
08 14 16 00-0413	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	379.89	69.82
		<i>For >50 To 100, Deduct</i>	-22.49	
		<i>For >100, Deduct</i>	-31.98	
		<i>For 9' Door Height, Add</i>	50.45	
08 14 16 00-0414	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	404.51	72.73
		<i>For >50 To 100, Deduct</i>	-23.86	
		<i>For >100, Deduct</i>	-33.97	
		<i>For 9' Door Height, Add</i>	54.40	

08 14 16 00-0415 Medium Density Overlay (MDO) Faced Wood Doors (08 14 16 00-0314)

08 14 16 00-0416	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	293.87	64.00
		<i>For Stave Lumber Core (SLC), Add</i>	124.40	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	74.64	
		<i>For >50 To 100, Deduct</i>	-17.89	
		<i>For >100, Deduct</i>	-25.24	
08 14 16 00-0417	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	293.87	64.00
		<i>For Stave Lumber Core (SLC), Add</i>	124.40	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	74.64	
		<i>For >50 To 100, Deduct</i>	-17.89	
		<i>For >100, Deduct</i>	-25.24	
08 14 16 00-0418	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	309.32	66.91
		<i>For Stave Lumber Core (SLC), Add</i>	131.63	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	78.98	
		<i>For >50 To 100, Deduct</i>	-18.81	
		<i>For >100, Deduct</i>	-26.54	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0419	EA		2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	318.93 138.84 83.30 -19.29 -27.27	66.91
08 14 16 00-0420	EA		2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	320.69 140.16 84.10 -19.38 -27.40	66.91
08 14 16 00-0421	EA		3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	328.30 141.50 84.90 -19.91 -28.11	69.82
08 14 16 00-0422	EA		3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	349.12 157.12 94.27 -20.95 -29.67	69.82
08 14 16 00-0423	EA		3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	392.88 185.57 111.34 -23.28 -33.10	72.73
08 14 16 00-0424	EA		2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	303.53 131.65 78.99 -18.38 -25.96	64.00
08 14 16 00-0425	EA		2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	303.54 131.66 78.99 -18.38 -25.97	64.00
08 14 16 00-0426	EA		2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	319.54 139.30 83.58 -19.32 -27.31	66.91
08 14 16 00-0427	EA		2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	329.70 146.92 88.15 -19.83 -28.07	66.91
08 14 16 00-0428	EA		2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	331.58 148.33 89.00 -19.92 -28.21	66.91
08 14 16 00-0429	EA		3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	339.29 149.75 89.85 -20.46 -28.94	69.82
08 14 16 00-0430	EA		3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	361.31 166.26 99.76 -21.56 -30.59	69.82
08 14 16 00-0431	EA		3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	407.30 196.39 117.83 -24.00 -34.18	72.73
08 14 16 00-0432	EA		2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	337.74 157.31 94.38 -20.09 -28.53 44.05	64.00
08 14 16 00-0433	EA		2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	337.78 157.34 94.40 -20.09 -28.53 44.05	64.00
08 14 16 00-0434	EA		2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	355.75 166.46 99.87 -21.13 -30.03 46.61	66.91
08 14 16 00-0435	EA		2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	367.89 175.56 105.34 -21.74 -30.94 49.16	66.91

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 16 00-0436	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	370.13	66.91
		<i>For Stave Lumber Core (SLC), Add</i>	177.24	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	106.34	
		<i>For >50 To 100, Deduct</i>	-21.85	
		<i>For >100, Deduct</i>	-31.11	
		<i>For 9' Door Height, Add</i>	49.63	
08 14 16 00-0437	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	378.23	69.82
		<i>For Stave Lumber Core (SLC), Add</i>	178.95	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	107.37	
		<i>For >50 To 100, Deduct</i>	-22.40	
		<i>For >100, Deduct</i>	-31.86	
		<i>For 9' Door Height, Add</i>	50.11	
08 14 16 00-0438	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	404.55	69.82
		<i>For Stave Lumber Core (SLC), Add</i>	198.69	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	119.21	
		<i>For >50 To 100, Deduct</i>	-23.72	
		<i>For >100, Deduct</i>	-33.83	
		<i>For 9' Door Height, Add</i>	55.63	
08 14 16 00-0439	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	458.37	72.73
		<i>For Stave Lumber Core (SLC), Add</i>	234.69	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	140.81	
		<i>For >50 To 100, Deduct</i>	-26.55	
		<i>For >100, Deduct</i>	-38.01	
		<i>For 9' Door Height, Add</i>	65.71	

08 14 16 00-0440 1-3/4" Thick, Particleboard Core (PC), Wood Doors (08 14 16)

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 16 00-0441 Birch Faced Wood Doors (08 14 16 00-0440)

08 14 16 00-0442	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	368.07	64.00
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.80	
		<i>For Stave Lumber Core (SLC), Add</i>	180.05	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	108.03	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	28.81	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	129.64	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	180.05	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	288.08	
		<i>For >50 To 100, Deduct</i>	-21.60	
		<i>For >100, Deduct</i>	-30.81	
08 14 16 00-0443	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	368.07	64.00
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.80	
		<i>For Stave Lumber Core (SLC), Add</i>	180.05	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	108.03	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	28.81	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	129.64	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	180.05	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	288.08	
		<i>For >50 To 100, Deduct</i>	-21.60	
		<i>For >100, Deduct</i>	-30.81	
08 14 16 00-0444	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	361.23	66.91
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.55	
		<i>For Stave Lumber Core (SLC), Add</i>	170.57	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	102.34	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	27.29	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	122.81	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	170.57	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	272.90	
		<i>For >50 To 100, Deduct</i>	-21.41	
		<i>For >100, Deduct</i>	-30.44	
08 14 16 00-0445	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	370.71	66.91
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.74	
		<i>For Stave Lumber Core (SLC), Add</i>	177.68	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	106.61	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	28.43	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	127.93	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	177.68	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	284.28	
		<i>For >50 To 100, Deduct</i>	-21.88	
		<i>For >100, Deduct</i>	-31.15	
08 14 16 00-0446	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	377.05	66.91
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.86	
		<i>For Stave Lumber Core (SLC), Add</i>	182.43	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	109.46	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	29.19	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	131.35	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	182.43	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	291.89	
		<i>For >50 To 100, Deduct</i>	-22.20	
		<i>For >100, Deduct</i>	-31.62	
08 14 16 00-0447	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	389.18	69.82
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.99	
		<i>For Stave Lumber Core (SLC), Add</i>	187.16	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	112.30	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	29.95	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	134.76	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	187.16	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	299.46	
		<i>For >50 To 100, Deduct</i>	-22.95	
		<i>For >100, Deduct</i>	-32.68	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0448	EA		3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	416.62	69.82
			For 7 Ply Cold Press Construction, Deduct	-5.54	
			For Stave Lumber Core (SLC), Add	207.74	
			For Structural Composite Lumber Core (SCLC), Add	124.65	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	33.24	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	149.57	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	207.74	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	332.39	
			For >50 To 100, Deduct	-24.32	
			For >100, Deduct	-34.74	
08 14 16 00-0449	EA		3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	481.75	72.73
			For 7 Ply Cold Press Construction, Deduct	-6.73	
			For Stave Lumber Core (SLC), Add	252.23	
			For Structural Composite Lumber Core (SCLC), Add	151.34	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	40.36	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	181.60	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	252.23	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	403.56	
			For >50 To 100, Deduct	-27.72	
			For >100, Deduct	-39.77	
08 14 16 00-0450	EA		3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	498.56	72.73
			For 7 Ply Cold Press Construction, Deduct	-7.06	
			For Stave Lumber Core (SLC), Add	264.83	
			For Structural Composite Lumber Core (SCLC), Add	158.90	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	42.37	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	190.68	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	264.83	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	423.73	
			For >50 To 100, Deduct	-28.56	
			For >100, Deduct	-41.03	
08 14 16 00-0451	EA		4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	543.82	78.55
			For 7 Ply Cold Press Construction, Deduct	-7.73	
			For Stave Lumber Core (SLC), Add	290.05	
			For Structural Composite Lumber Core (SCLC), Add	174.03	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	46.41	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	208.83	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	290.05	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	464.08	
			For >50 To 100, Deduct	-31.12	
			For >100, Deduct	-44.71	
08 14 16 00-0452	EA		2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	356.71	64.00
			For 7 Ply Cold Press Construction, Deduct	-4.57	
			For Stave Lumber Core (SLC), Add	171.53	
			For Structural Composite Lumber Core (SCLC), Add	102.92	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	27.45	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	123.50	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	171.53	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	274.45	
			For >50 To 100, Deduct	-21.04	
			For >100, Deduct	-29.95	
08 14 16 00-0453	EA		2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	356.71	64.00
			For 7 Ply Cold Press Construction, Deduct	-4.57	
			For Stave Lumber Core (SLC), Add	171.53	
			For Structural Composite Lumber Core (SCLC), Add	102.92	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	27.45	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	123.50	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	171.53	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	274.45	
			For >50 To 100, Deduct	-21.04	
			For >100, Deduct	-29.95	
08 14 16 00-0454	EA		2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	374.47	66.91
			For 7 Ply Cold Press Construction, Deduct	-4.81	
			For Stave Lumber Core (SLC), Add	180.50	
			For Structural Composite Lumber Core (SCLC), Add	108.30	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	28.88	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	129.96	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	180.50	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	288.79	
			For >50 To 100, Deduct	-22.07	
			For >100, Deduct	-31.43	
08 14 16 00-0455	EA		2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	384.50	66.91
			For 7 Ply Cold Press Construction, Deduct	-5.01	
			For Stave Lumber Core (SLC), Add	188.02	
			For Structural Composite Lumber Core (SCLC), Add	112.81	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	30.08	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	135.37	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	188.02	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	300.83	
			For >50 To 100, Deduct	-22.57	
			For >100, Deduct	-32.18	
08 14 16 00-0456	EA		2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	391.20	66.91
			For 7 Ply Cold Press Construction, Deduct	-5.15	
			For Stave Lumber Core (SLC), Add	193.04	
			For Structural Composite Lumber Core (SCLC), Add	115.83	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	30.89	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	138.99	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	193.04	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	308.87	
			For >50 To 100, Deduct	-22.91	
			For >100, Deduct	-32.69	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 16 00-0457	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	403.69	69.82
		For 7 Ply Cold Press Construction, Deduct	-5.28	
		For Stave Lumber Core (SLC), Add	198.05	
		For Structural Composite Lumber Core (SCLC), Add	118.83	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	31.69	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	142.59	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	198.05	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	316.87	
		For >50 To 100, Deduct	-23.68	
		For >100, Deduct	-33.77	
08 14 16 00-0458	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	432.74	69.82
		For 7 Ply Cold Press Construction, Deduct	-5.86	
		For Stave Lumber Core (SLC), Add	219.83	
		For Structural Composite Lumber Core (SCLC), Add	131.90	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	35.17	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	158.28	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	219.83	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	351.73	
		For >50 To 100, Deduct	-25.13	
		For >100, Deduct	-35.95	
08 14 16 00-0459	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	501.32	72.73
		For 7 Ply Cold Press Construction, Deduct	-7.12	
		For Stave Lumber Core (SLC), Add	266.90	
		For Structural Composite Lumber Core (SCLC), Add	160.14	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	42.70	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	192.17	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	266.90	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	427.04	
		For >50 To 100, Deduct	-28.70	
		For >100, Deduct	-41.24	
08 14 16 00-0460	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	519.11	72.73
		For 7 Ply Cold Press Construction, Deduct	-7.47	
		For Stave Lumber Core (SLC), Add	280.25	
		For Structural Composite Lumber Core (SCLC), Add	168.15	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	44.84	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	201.78	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	280.25	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	448.39	
		For >50 To 100, Deduct	-29.59	
		For >100, Deduct	-42.57	
08 14 16 00-0461	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	566.33	78.55
		For 7 Ply Cold Press Construction, Deduct	-8.18	
		For Stave Lumber Core (SLC), Add	306.93	
		For Structural Composite Lumber Core (SCLC), Add	184.16	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	49.11	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	220.99	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	306.93	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	491.09	
		For >50 To 100, Deduct	-32.24	
		For >100, Deduct	-46.40	
08 14 16 00-0462	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	431.57	64.00
		For 7 Ply Cold Press Construction, Deduct	-6.07	
		For Stave Lumber Core (SLC), Add	227.68	
		For Structural Composite Lumber Core (SCLC), Add	136.61	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	36.43	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	163.93	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	227.68	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	364.28	
		For >50 To 100, Deduct	-24.78	
		For >100, Deduct	-35.57	
		For 9' Door Height, Add	63.75	
08 14 16 00-0463	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	431.57	64.00
		For 7 Ply Cold Press Construction, Deduct	-6.07	
		For Stave Lumber Core (SLC), Add	227.68	
		For Structural Composite Lumber Core (SCLC), Add	136.61	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	36.43	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	163.93	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	227.68	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	364.28	
		For >50 To 100, Deduct	-24.78	
		For >100, Deduct	-35.57	
		For 9' Door Height, Add	63.75	
08 14 16 00-0464	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	421.40	66.91
		For 7 Ply Cold Press Construction, Deduct	-5.75	
		For Stave Lumber Core (SLC), Add	215.69	
		For Structural Composite Lumber Core (SCLC), Add	129.42	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	34.51	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	155.30	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	215.69	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	345.11	
		For >50 To 100, Deduct	-24.42	
		For >100, Deduct	-34.95	
		For 9' Door Height, Add	60.39	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 14 16 00-0465	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	433.38	66.91
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.99	
		<i>For Stave Lumber Core (SLC), Add</i>	224.68	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	134.81	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	35.95	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	161.77	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	224.68	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	359.48	
		<i>For >50 To 100, Deduct</i>	-25.01	
		<i>For >100, Deduct</i>	-35.85	
		<i>For 9' Door Height, Add</i>	62.91	
08 14 16 00-0466	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	441.38	66.91
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.15	
		<i>For Stave Lumber Core (SLC), Add</i>	230.68	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	138.41	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	36.91	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	166.09	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	230.68	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	369.08	
		<i>For >50 To 100, Deduct</i>	-25.41	
		<i>For >100, Deduct</i>	-36.45	
		<i>For 9' Door Height, Add</i>	64.59	
08 14 16 00-0467	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	455.17	69.82
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.31	
		<i>For Stave Lumber Core (SLC), Add</i>	236.66	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	141.99	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	37.86	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	170.39	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	236.66	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	378.65	
		<i>For >50 To 100, Deduct</i>	-26.25	
		<i>For >100, Deduct</i>	-37.63	
		<i>For 9' Door Height, Add</i>	66.26	
08 14 16 00-0468	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	489.89	69.82
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.01	
		<i>For Stave Lumber Core (SLC), Add</i>	262.70	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	157.62	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	42.03	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	189.14	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	262.70	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	420.31	
		<i>For >50 To 100, Deduct</i>	-27.99	
		<i>For >100, Deduct</i>	-40.23	
		<i>For 9' Door Height, Add</i>	73.55	
08 14 16 00-0469	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	570.70	72.73
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.51	
		<i>For Stave Lumber Core (SLC), Add</i>	318.94	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	191.36	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	51.03	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	229.64	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	318.94	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	510.30	
		<i>For >50 To 100, Deduct</i>	-32.17	
		<i>For >100, Deduct</i>	-46.44	
		<i>For 9' Door Height, Add</i>	89.30	
08 14 16 00-0470	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	591.96	72.73
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.93	
		<i>For Stave Lumber Core (SLC), Add</i>	334.88	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	200.93	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	53.58	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	241.12	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	334.88	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	535.81	
		<i>For >50 To 100, Deduct</i>	-33.23	
		<i>For >100, Deduct</i>	-48.03	
		<i>For 9' Door Height, Add</i>	93.77	
08 14 16 00-0471	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	646.13	78.55
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-9.78	
		<i>For Stave Lumber Core (SLC), Add</i>	366.78	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	220.07	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	58.68	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	264.08	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	366.78	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	586.85	
		<i>For >50 To 100, Deduct</i>	-36.23	
		<i>For >100, Deduct</i>	-52.39	
		<i>For 9' Door Height, Add</i>	102.70	
08 14 16 00-0472		Oak Faced Wood Doors (08 14 16 00-0440)		
08 14 16 00-0473	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	452.25	64.00
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.49	
		<i>For Stave Lumber Core (SLC), Add</i>	243.19	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	145.91	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	38.91	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	175.10	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	243.19	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	389.10	
		<i>For >50 To 100, Deduct</i>	-25.81	
		<i>For >100, Deduct</i>	-37.12	

08 Openings

08 10 Doors and Frames

08 14 Wood Doors

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 16 00-0474	EA 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	452.25	64.00
	For 7 Ply Cold Press Construction, Deduct	-6.49	
	For Stave Lumber Core (SLC), Add	243.19	
	For Structural Composite Lumber Core (SCLC), Add	145.91	
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	38.91	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	175.10	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	243.19	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	389.10	
	For >50 To 100, Deduct	-25.81	
	For >100, Deduct	-37.12	
08 14 16 00-0475	EA 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	458.06	66.91
	For 7 Ply Cold Press Construction, Deduct	-6.49	
	For Stave Lumber Core (SLC), Add	243.19	
	For Structural Composite Lumber Core (SCLC), Add	145.91	
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	38.91	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	175.10	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	243.19	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	389.10	
	For >50 To 100, Deduct	-26.25	
	For >100, Deduct	-37.70	
08 14 16 00-0476	EA 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	461.40	66.91
	For 7 Ply Cold Press Construction, Deduct	-6.55	
	For Stave Lumber Core (SLC), Add	245.69	
	For Structural Composite Lumber Core (SCLC), Add	147.42	
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	39.31	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	176.90	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	245.69	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	393.11	
	For >50 To 100, Deduct	-26.42	
	For >100, Deduct	-37.95	
08 14 16 00-0477	EA 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	462.90	66.91
	For 7 Ply Cold Press Construction, Deduct	-6.58	
	For Stave Lumber Core (SLC), Add	246.82	
	For Structural Composite Lumber Core (SCLC), Add	148.09	
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	39.49	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	177.71	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	246.82	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	394.91	
	For >50 To 100, Deduct	-26.49	
	For >100, Deduct	-38.06	
08 14 16 00-0478	EA 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	470.23	69.82
	For 7 Ply Cold Press Construction, Deduct	-6.61	
	For Stave Lumber Core (SLC), Add	247.95	
	For Structural Composite Lumber Core (SCLC), Add	148.77	
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	39.67	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	178.52	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	247.95	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	396.72	
	For >50 To 100, Deduct	-27.00	
	For >100, Deduct	-38.76	
08 14 16 00-0479	EA 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	506.54	69.82
	For 7 Ply Cold Press Construction, Deduct	-7.34	
	For Stave Lumber Core (SLC), Add	275.18	
	For Structural Composite Lumber Core (SCLC), Add	165.11	
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	44.03	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	198.13	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	275.18	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	440.29	
	For >50 To 100, Deduct	-28.82	
	For >100, Deduct	-41.48	
08 14 16 00-0480	EA 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	605.86	72.73
	For 7 Ply Cold Press Construction, Deduct	-9.21	
	For Stave Lumber Core (SLC), Add	345.31	
	For Structural Composite Lumber Core (SCLC), Add	207.18	
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	55.25	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	248.62	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	345.31	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	552.49	
	For >50 To 100, Deduct	-33.93	
	For >100, Deduct	-49.08	
08 14 16 00-0481	EA 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	629.21	72.73
	For 7 Ply Cold Press Construction, Deduct	-9.68	
	For Stave Lumber Core (SLC), Add	362.82	
	For Structural Composite Lumber Core (SCLC), Add	217.69	
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	58.05	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	261.23	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	362.82	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	580.51	
	For >50 To 100, Deduct	-35.10	
	For >100, Deduct	-50.83	
08 14 16 00-0482	EA 4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	686.57	78.55
	For 7 Ply Cold Press Construction, Deduct	-10.59	
	For Stave Lumber Core (SLC), Add	397.11	
	For Structural Composite Lumber Core (SCLC), Add	238.27	
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	63.54	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	285.92	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	397.11	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	635.38	
	For >50 To 100, Deduct	-38.26	
	For >100, Deduct	-55.42	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0483	EA		2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	471.12	64.00
			For 7 Ply Cold Press Construction, Deduct	-6.86	
			For Stave Lumber Core (SLC), Add	257.34	
			For Structural Composite Lumber Core (SCLC), Add	154.40	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	41.17	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	185.28	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	257.34	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	411.74	
			For >50 To 100, Deduct	-26.76	
			For >100, Deduct	-38.53	
08 14 16 00-0484	EA		2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	471.12	64.00
			For 7 Ply Cold Press Construction, Deduct	-6.86	
			For Stave Lumber Core (SLC), Add	257.34	
			For Structural Composite Lumber Core (SCLC), Add	154.40	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	41.17	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	185.28	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	257.34	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	411.74	
			For >50 To 100, Deduct	-26.76	
			For >100, Deduct	-38.53	
08 14 16 00-0485	EA		2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	476.93	66.91
			For 7 Ply Cold Press Construction, Deduct	-6.86	
			For Stave Lumber Core (SLC), Add	257.34	
			For Structural Composite Lumber Core (SCLC), Add	154.40	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	41.17	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	185.28	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	257.34	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	411.74	
			For >50 To 100, Deduct	-27.19	
			For >100, Deduct	-39.12	
08 14 16 00-0486	EA		2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	480.45	66.91
			For 7 Ply Cold Press Construction, Deduct	-6.93	
			For Stave Lumber Core (SLC), Add	259.98	
			For Structural Composite Lumber Core (SCLC), Add	155.99	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	41.60	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	187.19	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	259.98	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	415.97	
			For >50 To 100, Deduct	-27.37	
			For >100, Deduct	-39.38	
08 14 16 00-0487	EA		2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	482.05	66.91
			For 7 Ply Cold Press Construction, Deduct	-6.96	
			For Stave Lumber Core (SLC), Add	261.18	
			For Structural Composite Lumber Core (SCLC), Add	156.71	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	41.79	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	188.05	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	261.18	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	417.89	
			For >50 To 100, Deduct	-27.45	
			For >100, Deduct	-39.50	
08 14 16 00-0488	EA		3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	489.47	69.82
			For 7 Ply Cold Press Construction, Deduct	-7.00	
			For Stave Lumber Core (SLC), Add	262.38	
			For Structural Composite Lumber Core (SCLC), Add	157.43	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	41.98	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	188.91	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	262.38	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	419.81	
			For >50 To 100, Deduct	-27.96	
			For >100, Deduct	-40.20	
08 14 16 00-0489	EA		3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	527.90	69.82
			For 7 Ply Cold Press Construction, Deduct	-7.77	
			For Stave Lumber Core (SLC), Add	291.20	
			For Structural Composite Lumber Core (SCLC), Add	174.72	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	46.59	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	209.67	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	291.20	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	465.92	
			For >50 To 100, Deduct	-29.89	
			For >100, Deduct	-43.08	
08 14 16 00-0490	EA		3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	632.66	72.73
			For 7 Ply Cold Press Construction, Deduct	-9.74	
			For Stave Lumber Core (SLC), Add	365.41	
			For Structural Composite Lumber Core (SCLC), Add	219.24	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	58.47	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	263.09	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	365.41	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	584.65	
			For >50 To 100, Deduct	-35.27	
			For >100, Deduct	-51.09	
08 14 16 00-0491	EA		3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	657.35	72.73
			For 7 Ply Cold Press Construction, Deduct	-10.24	
			For Stave Lumber Core (SLC), Add	383.93	
			For Structural Composite Lumber Core (SCLC), Add	230.36	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	61.43	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	276.43	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	383.93	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	614.28	
			For >50 To 100, Deduct	-36.50	
			For >100, Deduct	-52.94	

08 Openings

08 10 Doors and Frames

08 14 Wood Doors

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0492	EA		4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	717.38	78.55
			For 7 Ply Cold Press Construction, Deduct	-11.21	
			For Stave Lumber Core (SLC), Add	420.22	
			For Structural Composite Lumber Core (SCLC), Add	252.13	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	67.23	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	302.56	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	420.22	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	672.35	
			For >50 To 100, Deduct	-39.80	
			For >100, Deduct	-57.73	
08 14 16 00-0493	EA		2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	538.01	64.00
			For 7 Ply Cold Press Construction, Deduct	-8.20	
			For Stave Lumber Core (SLC), Add	307.51	
			For Structural Composite Lumber Core (SCLC), Add	184.50	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	49.20	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	221.41	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	307.51	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	492.01	
			For >50 To 100, Deduct	-30.10	
			For >100, Deduct	-43.55	
			For 9' Door Height, Add	86.10	
08 14 16 00-0494	EA		2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	538.01	64.00
			For 7 Ply Cold Press Construction, Deduct	-8.20	
			For Stave Lumber Core (SLC), Add	307.51	
			For Structural Composite Lumber Core (SCLC), Add	184.50	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	49.20	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	221.41	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	307.51	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	492.01	
			For >50 To 100, Deduct	-30.10	
			For >100, Deduct	-43.55	
			For 9' Door Height, Add	86.10	
08 14 16 00-0495	EA		2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	543.82	66.91
			For 7 Ply Cold Press Construction, Deduct	-8.20	
			For Stave Lumber Core (SLC), Add	307.51	
			For Structural Composite Lumber Core (SCLC), Add	184.50	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	49.20	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	221.41	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	307.51	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	492.01	
			For >50 To 100, Deduct	-30.54	
			For >100, Deduct	-44.13	
			For 9' Door Height, Add	86.10	
08 14 16 00-0496	EA		2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	548.05	66.91
			For 7 Ply Cold Press Construction, Deduct	-8.28	
			For Stave Lumber Core (SLC), Add	310.68	
			For Structural Composite Lumber Core (SCLC), Add	186.41	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	49.71	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	223.69	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	310.68	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	497.09	
			For >50 To 100, Deduct	-30.75	
			For >100, Deduct	-44.45	
			For 9' Door Height, Add	86.99	
08 14 16 00-0497	EA		2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	549.97	66.91
			For 7 Ply Cold Press Construction, Deduct	-8.32	
			For Stave Lumber Core (SLC), Add	312.12	
			For Structural Composite Lumber Core (SCLC), Add	187.27	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	49.94	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	224.73	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	312.12	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	499.39	
			For >50 To 100, Deduct	-30.84	
			For >100, Deduct	-44.59	
			For 9' Door Height, Add	87.39	
08 14 16 00-0498	EA		3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	557.68	69.82
			For 7 Ply Cold Press Construction, Deduct	-8.36	
			For Stave Lumber Core (SLC), Add	313.54	
			For Structural Composite Lumber Core (SCLC), Add	188.12	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	50.17	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	225.75	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	313.54	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	501.66	
			For >50 To 100, Deduct	-31.37	
			For >100, Deduct	-45.32	
			For 9' Door Height, Add	87.79	
08 14 16 00-0499	EA		3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	603.60	69.82
			For 7 Ply Cold Press Construction, Deduct	-9.28	
			For Stave Lumber Core (SLC), Add	347.98	
			For Structural Composite Lumber Core (SCLC), Add	208.79	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	55.68	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	250.54	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	347.98	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	556.76	
			For >50 To 100, Deduct	-33.67	
			For >100, Deduct	-48.76	
			For 9' Door Height, Add	97.43	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 14 16 00-0500	EA		3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	727.67	72.73
			For 7 Ply Cold Press Construction, Deduct	-11.64	
			For Stave Lumber Core (SLC), Add	436.67	
			For Structural Composite Lumber Core (SCLC), Add	262.00	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	69.87	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	314.40	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	436.67	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	698.66	
			For >50 To 100, Deduct	-40.02	
			For >100, Deduct	-58.21	
			For 9' Door Height, Add	122.27	
08 14 16 00-0501	EA		3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	757.17	72.73
			For 7 Ply Cold Press Construction, Deduct	-12.23	
			For Stave Lumber Core (SLC), Add	458.79	
			For Structural Composite Lumber Core (SCLC), Add	275.27	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	73.41	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	330.33	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	458.79	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	734.06	
			For >50 To 100, Deduct	-41.49	
			For >100, Deduct	-60.42	
			For 9' Door Height, Add	128.46	
08 14 16 00-0502	EA		4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	826.64	78.55
			For 7 Ply Cold Press Construction, Deduct	-13.39	
			For Stave Lumber Core (SLC), Add	502.16	
			For Structural Composite Lumber Core (SCLC), Add	301.30	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	80.35	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	361.56	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	502.16	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	803.46	
			For >50 To 100, Deduct	-45.26	
			For >100, Deduct	-65.93	
			For 9' Door Height, Add	140.61	

08 14 16 00-0503 Maple Faced Wood Doors (08 14 16 00-0440)

08 14 16 00-0504	EA		2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	517.10	64.00
			For 7 Ply Cold Press Construction, Deduct	-7.78	
			For Stave Lumber Core (SLC), Add	291.83	
			For Structural Composite Lumber Core (SCLC), Add	175.10	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	46.69	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	210.11	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	291.83	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	466.92	
			For >50 To 100, Deduct	-29.06	
			For >100, Deduct	-41.98	
08 14 16 00-0505	EA		2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	517.10	64.00
			For 7 Ply Cold Press Construction, Deduct	-7.78	
			For Stave Lumber Core (SLC), Add	291.83	
			For Structural Composite Lumber Core (SCLC), Add	175.10	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	46.69	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	210.11	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	291.83	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	466.92	
			For >50 To 100, Deduct	-29.06	
			For >100, Deduct	-41.98	
08 14 16 00-0506	EA		2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	522.91	66.91
			For 7 Ply Cold Press Construction, Deduct	-7.78	
			For Stave Lumber Core (SLC), Add	291.83	
			For Structural Composite Lumber Core (SCLC), Add	175.10	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	46.69	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	210.11	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	291.83	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	466.92	
			For >50 To 100, Deduct	-29.49	
			For >100, Deduct	-42.56	
08 14 16 00-0507	EA		2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	526.91	66.91
			For 7 Ply Cold Press Construction, Deduct	-7.86	
			For Stave Lumber Core (SLC), Add	294.83	
			For Structural Composite Lumber Core (SCLC), Add	176.90	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	47.17	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	212.27	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	294.83	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	471.72	
			For >50 To 100, Deduct	-29.69	
			For >100, Deduct	-42.86	
08 14 16 00-0508	EA		2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	528.71	66.91
			For 7 Ply Cold Press Construction, Deduct	-7.90	
			For Stave Lumber Core (SLC), Add	296.18	
			For Structural Composite Lumber Core (SCLC), Add	177.71	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	47.39	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	213.25	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	296.18	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	473.88	
			For >50 To 100, Deduct	-29.78	
			For >100, Deduct	-43.00	

08 Openings

08 10 Doors and Frames

08 14 Wood Doors

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 16 00-0509	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	536.35	69.82
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.93	
		<i>For Stave Lumber Core (SLC), Add</i>	297.54	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	178.52	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	47.61	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	214.23	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	297.54	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	476.06	
		<i>For >50 To 100, Deduct</i>	-30.31	
		<i>For >100, Deduct</i>	-43.72	
08 14 16 00-0510	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	579.93	69.82
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.81	
		<i>For Stave Lumber Core (SLC), Add</i>	330.23	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	198.14	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	52.84	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	237.76	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	330.23	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	528.36	
		<i>For >50 To 100, Deduct</i>	-32.49	
		<i>For >100, Deduct</i>	-46.99	
08 14 16 00-0511	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	670.32	72.73
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-10.50	
		<i>For Stave Lumber Core (SLC), Add</i>	393.65	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	236.19	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	62.98	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	283.43	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	393.65	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	629.84	
		<i>For >50 To 100, Deduct</i>	-37.15	
		<i>For >100, Deduct</i>	-53.91	
08 14 16 00-0512	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	725.56	72.73
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-11.60	
		<i>For Stave Lumber Core (SLC), Add</i>	435.08	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	261.05	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	69.61	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	313.26	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	435.08	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	696.13	
		<i>For >50 To 100, Deduct</i>	-39.91	
		<i>For >100, Deduct</i>	-58.05	
08 14 16 00-0513	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	780.86	72.73
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-12.71	
		<i>For Stave Lumber Core (SLC), Add</i>	476.56	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	285.93	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	76.25	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	343.12	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	476.56	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	762.49	
		<i>For >50 To 100, Deduct</i>	-42.68	
		<i>For >100, Deduct</i>	-62.20	
08 14 16 00-0514	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	539.74	64.00
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.23	
		<i>For Stave Lumber Core (SLC), Add</i>	308.81	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	185.28	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	49.41	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	222.34	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	308.81	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	494.09	
		<i>For >50 To 100, Deduct</i>	-30.19	
		<i>For >100, Deduct</i>	-43.68	
08 14 16 00-0515	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	539.74	64.00
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.23	
		<i>For Stave Lumber Core (SLC), Add</i>	308.81	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	185.28	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	49.41	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	222.34	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	308.81	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	494.09	
		<i>For >50 To 100, Deduct</i>	-30.19	
		<i>For >100, Deduct</i>	-43.68	
08 14 16 00-0516	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	545.55	66.91
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.23	
		<i>For Stave Lumber Core (SLC), Add</i>	308.81	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	185.28	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	49.41	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	222.34	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	308.81	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	494.09	
		<i>For >50 To 100, Deduct</i>	-30.62	
		<i>For >100, Deduct</i>	-44.26	
08 14 16 00-0517	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	549.78	66.91
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.32	
		<i>For Stave Lumber Core (SLC), Add</i>	311.98	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	187.19	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	49.92	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	224.62	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	311.98	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	499.16	
		<i>For >50 To 100, Deduct</i>	-30.83	
		<i>For >100, Deduct</i>	-44.58	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0518	EA		2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	551.70	66.91
			For 7 Ply Cold Press Construction, Deduct	-8.36	
			For Stave Lumber Core (SLC), Add	313.42	
			For Structural Composite Lumber Core (SCLC), Add	188.05	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	50.15	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	225.66	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	313.42	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	501.47	
			For >50 To 100, Deduct	-30.93	
			For >100, Deduct	-44.72	
08 14 16 00-0519	EA		3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	559.44	69.82
			For 7 Ply Cold Press Construction, Deduct	-8.40	
			For Stave Lumber Core (SLC), Add	314.86	
			For Structural Composite Lumber Core (SCLC), Add	188.91	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	50.38	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	226.70	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	314.86	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	503.77	
			For >50 To 100, Deduct	-31.46	
			For >100, Deduct	-45.45	
08 14 16 00-0520	EA		3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	605.55	69.82
			For 7 Ply Cold Press Construction, Deduct	-9.32	
			For Stave Lumber Core (SLC), Add	349.44	
			For Structural Composite Lumber Core (SCLC), Add	209.66	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	55.91	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	251.60	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	349.44	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	559.10	
			For >50 To 100, Deduct	-33.77	
			For >100, Deduct	-48.91	
08 14 16 00-0521	EA		3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	700.87	72.73
			For 7 Ply Cold Press Construction, Deduct	-11.11	
			For Stave Lumber Core (SLC), Add	416.57	
			For Structural Composite Lumber Core (SCLC), Add	249.94	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	66.65	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	299.93	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	416.57	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	666.50	
			For >50 To 100, Deduct	-38.68	
			For >100, Deduct	-56.20	
08 14 16 00-0522	EA		3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	759.34	72.73
			For 7 Ply Cold Press Construction, Deduct	-12.28	
			For Stave Lumber Core (SLC), Add	460.42	
			For Structural Composite Lumber Core (SCLC), Add	276.25	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	73.67	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	331.50	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	460.42	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	736.67	
			For >50 To 100, Deduct	-41.60	
			For >100, Deduct	-60.59	
08 14 16 00-0523	EA		4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	817.85	72.73
			For 7 Ply Cold Press Construction, Deduct	-13.45	
			For Stave Lumber Core (SLC), Add	504.30	
			For Structural Composite Lumber Core (SCLC), Add	302.58	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	80.69	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	363.10	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	504.30	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	806.88	
			For >50 To 100, Deduct	-44.53	
			For >100, Deduct	-64.98	
08 14 16 00-0524	EA		2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	620.02	64.00
			For 7 Ply Cold Press Construction, Deduct	-9.84	
			For Stave Lumber Core (SLC), Add	369.02	
			For Structural Composite Lumber Core (SCLC), Add	221.41	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	59.04	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	265.69	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	369.02	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	590.42	
			For >50 To 100, Deduct	-34.20	
			For >100, Deduct	-49.70	
			For 9' Door Height, Add	103.32	
08 14 16 00-0525	EA		2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	620.02	64.00
			For 7 Ply Cold Press Construction, Deduct	-9.84	
			For Stave Lumber Core (SLC), Add	369.02	
			For Structural Composite Lumber Core (SCLC), Add	221.41	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	59.04	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	265.69	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	369.02	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	590.42	
			For >50 To 100, Deduct	-34.20	
			For >100, Deduct	-49.70	
			For 9' Door Height, Add	103.32	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 16 00-0526	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	625.83	66.91
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-9.84	
		<i>For Stave Lumber Core (SLC), Add</i>	369.02	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	221.41	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	59.04	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	265.69	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	369.02	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	590.42	
		<i>For >50 To 100, Deduct</i>	-34.64	
		<i>For >100, Deduct</i>	-50.28	
		<i>For 9' Door Height, Add</i>	103.32	
08 14 16 00-0527	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	630.89	66.91
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-9.94	
		<i>For Stave Lumber Core (SLC), Add</i>	372.81	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	223.69	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	59.65	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	268.42	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	372.81	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	596.50	
		<i>For >50 To 100, Deduct</i>	-34.89	
		<i>For >100, Deduct</i>	-50.66	
		<i>For 9' Door Height, Add</i>	104.39	
08 14 16 00-0528	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	633.19	66.91
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-9.99	
		<i>For Stave Lumber Core (SLC), Add</i>	374.54	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	224.72	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	59.93	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	269.67	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	374.54	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	599.26	
		<i>For >50 To 100, Deduct</i>	-35.00	
		<i>For >100, Deduct</i>	-50.83	
		<i>For 9' Door Height, Add</i>	104.87	
08 14 16 00-0529	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	641.29	69.82
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-10.03	
		<i>For Stave Lumber Core (SLC), Add</i>	376.25	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	225.75	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	60.20	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	270.90	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	376.25	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	601.99	
		<i>For >50 To 100, Deduct</i>	-35.56	
		<i>For >100, Deduct</i>	-51.59	
		<i>For 9' Door Height, Add</i>	105.35	
08 14 16 00-0530	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	696.40	69.82
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-11.14	
		<i>For Stave Lumber Core (SLC), Add</i>	417.58	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	250.55	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	66.81	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	300.66	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	417.58	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	668.12	
		<i>For >50 To 100, Deduct</i>	-38.31	
		<i>For >100, Deduct</i>	-55.72	
		<i>For 9' Door Height, Add</i>	116.92	
08 14 16 00-0531	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	809.17	72.73
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-13.27	
		<i>For Stave Lumber Core (SLC), Add</i>	497.79	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	298.67	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	79.65	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	358.41	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	497.79	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	796.46	
		<i>For >50 To 100, Deduct</i>	-44.09	
		<i>For >100, Deduct</i>	-64.32	
		<i>For 9' Door Height, Add</i>	139.38	
08 14 16 00-0532	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	879.04	72.73
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-14.67	
		<i>For Stave Lumber Core (SLC), Add</i>	550.19	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	330.12	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	88.03	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	396.14	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	550.19	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	880.31	
		<i>For >50 To 100, Deduct</i>	-47.59	
		<i>For >100, Deduct</i>	-69.56	
		<i>For 9' Door Height, Add</i>	154.05	
08 14 16 00-0533	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	948.95	72.73
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-16.07	
		<i>For Stave Lumber Core (SLC), Add</i>	602.63	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	361.58	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	96.42	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	433.89	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	602.63	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	964.20	
		<i>For >50 To 100, Deduct</i>	-51.08	
		<i>For >100, Deduct</i>	-74.81	
		<i>For 9' Door Height, Add</i>	168.74	

08 14 16 00-0534 Walnut Faced Wood Doors (08 14 16 00-0440)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0535	EA		2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	625.49	64.00
			For 7 Ply Cold Press Construction, Deduct	-9.95	
			For Stave Lumber Core (SLC), Add	373.12	
			For Structural Composite Lumber Core (SCLC), Add	223.87	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	59.70	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	268.64	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	373.12	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	596.99	
			For >50 To 100, Deduct	-34.47	
			For >100, Deduct	-50.11	
08 14 16 00-0536	EA		2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	625.49	64.00
			For 7 Ply Cold Press Construction, Deduct	-9.95	
			For Stave Lumber Core (SLC), Add	373.12	
			For Structural Composite Lumber Core (SCLC), Add	223.87	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	59.70	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	268.64	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	373.12	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	596.99	
			For >50 To 100, Deduct	-34.47	
			For >100, Deduct	-50.11	
08 14 16 00-0537	EA		2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	631.46	66.91
			For 7 Ply Cold Press Construction, Deduct	-9.95	
			For Stave Lumber Core (SLC), Add	373.24	
			For Structural Composite Lumber Core (SCLC), Add	223.94	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	59.72	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	268.73	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	373.24	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	597.18	
			For >50 To 100, Deduct	-34.92	
			For >100, Deduct	-50.70	
08 14 16 00-0538	EA		2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	636.59	66.91
			For 7 Ply Cold Press Construction, Deduct	-10.06	
			For Stave Lumber Core (SLC), Add	377.09	
			For Structural Composite Lumber Core (SCLC), Add	226.25	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	60.33	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	271.50	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	377.09	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	603.34	
			For >50 To 100, Deduct	-35.17	
			For >100, Deduct	-51.09	
08 14 16 00-0539	EA		2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	650.00	66.91
			For 7 Ply Cold Press Construction, Deduct	-10.32	
			For Stave Lumber Core (SLC), Add	387.14	
			For Structural Composite Lumber Core (SCLC), Add	232.29	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	61.94	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	278.74	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	387.14	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	619.43	
			For >50 To 100, Deduct	-35.85	
			For >100, Deduct	-52.10	
08 14 16 00-0540	EA		3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	669.21	69.82
			For 7 Ply Cold Press Construction, Deduct	-10.59	
			For Stave Lumber Core (SLC), Add	397.19	
			For Structural Composite Lumber Core (SCLC), Add	238.31	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	63.55	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	285.97	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	397.19	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	635.50	
			For >50 To 100, Deduct	-36.95	
			For >100, Deduct	-53.68	
08 14 16 00-0541	EA		3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	703.99	69.82
			For 7 Ply Cold Press Construction, Deduct	-11.29	
			For Stave Lumber Core (SLC), Add	423.27	
			For Structural Composite Lumber Core (SCLC), Add	253.96	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	67.72	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	304.75	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	423.27	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	677.23	
			For >50 To 100, Deduct	-38.69	
			For >100, Deduct	-56.29	
08 14 16 00-0542	EA		3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	856.59	72.73
			For 7 Ply Cold Press Construction, Deduct	-14.22	
			For Stave Lumber Core (SLC), Add	533.36	
			For Structural Composite Lumber Core (SCLC), Add	320.01	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	85.34	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	384.02	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	533.36	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	853.37	
			For >50 To 100, Deduct	-46.47	
			For >100, Deduct	-67.88	
08 14 16 00-0543	EA		3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	892.14	72.73
			For 7 Ply Cold Press Construction, Deduct	-14.93	
			For Stave Lumber Core (SLC), Add	560.02	
			For Structural Composite Lumber Core (SCLC), Add	336.01	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	89.60	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	403.21	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	560.02	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	896.03	
			For >50 To 100, Deduct	-48.24	
			For >100, Deduct	-70.55	

08 Openings

08 10 Doors and Frames

08 14 Wood Doors

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 16 00-0544	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	963.29	72.73
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-16.36	
		<i>For Stave Lumber Core (SLC), Add</i>	613.38	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	368.03	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	98.14	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	441.63	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	613.38	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	981.41	
		<i>For >50 To 100, Deduct</i>	-51.80	
		<i>For >100, Deduct</i>	-75.88	
08 14 16 00-0545	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	654.44	64.00
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-10.53	
		<i>For Stave Lumber Core (SLC), Add</i>	394.83	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	236.90	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	63.17	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	284.28	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	394.83	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	631.73	
		<i>For >50 To 100, Deduct</i>	-35.92	
		<i>For >100, Deduct</i>	-52.28	
08 14 16 00-0546	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	654.44	64.00
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-10.53	
		<i>For Stave Lumber Core (SLC), Add</i>	394.83	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	236.90	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	63.17	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	284.28	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	394.83	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	631.73	
		<i>For >50 To 100, Deduct</i>	-35.92	
		<i>For >100, Deduct</i>	-52.28	
08 14 16 00-0547	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	660.41	66.91
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-10.53	
		<i>For Stave Lumber Core (SLC), Add</i>	394.95	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	236.97	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	63.19	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	284.36	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	394.95	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	631.92	
		<i>For >50 To 100, Deduct</i>	-36.37	
		<i>For >100, Deduct</i>	-52.88	
08 14 16 00-0548	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	665.86	66.91
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-10.64	
		<i>For Stave Lumber Core (SLC), Add</i>	399.04	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	239.42	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	63.85	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	287.31	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	399.04	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	638.46	
		<i>For >50 To 100, Deduct</i>	-36.64	
		<i>For >100, Deduct</i>	-53.28	
08 14 16 00-0549	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	680.04	66.91
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-10.92	
		<i>For Stave Lumber Core (SLC), Add</i>	409.67	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	245.80	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	65.55	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	294.96	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	409.67	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	655.48	
		<i>For >50 To 100, Deduct</i>	-37.35	
		<i>For >100, Deduct</i>	-54.35	
08 14 16 00-0550	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	700.01	69.82
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-11.21	
		<i>For Stave Lumber Core (SLC), Add</i>	420.29	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	252.17	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	67.25	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	302.61	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	420.29	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	672.46	
		<i>For >50 To 100, Deduct</i>	-38.49	
		<i>For >100, Deduct</i>	-55.99	
08 14 16 00-0551	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	736.84	69.82
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-11.94	
		<i>For Stave Lumber Core (SLC), Add</i>	447.91	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	268.74	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	71.67	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	322.49	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	447.91	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	716.65	
		<i>For >50 To 100, Deduct</i>	-40.33	
		<i>For >100, Deduct</i>	-58.75	
08 14 16 00-0552	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	897.97	72.73
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-15.05	
		<i>For Stave Lumber Core (SLC), Add</i>	564.39	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	338.63	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	90.30	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	406.36	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	564.39	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	903.02	
		<i>For >50 To 100, Deduct</i>	-48.53	
		<i>For >100, Deduct</i>	-70.98	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 14 16 00-0553	EA		3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	935.59	72.73
			For 7 Ply Cold Press Construction, Deduct	-15.80	
			For Stave Lumber Core (SLC), Add	592.61	
			For Structural Composite Lumber Core (SCLC), Add	355.56	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	94.82	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	426.68	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	592.61	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	948.17	
			For >50 To 100, Deduct	-50.42	
			For >100, Deduct	-73.81	
08 14 16 00-0554	EA		4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,010.88	72.73
			For 7 Ply Cold Press Construction, Deduct	-17.31	
			For Stave Lumber Core (SLC), Add	649.07	
			For Structural Composite Lumber Core (SCLC), Add	389.44	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	103.85	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	467.33	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	649.07	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	1,038.52	
			For >50 To 100, Deduct	-54.18	
			For >100, Deduct	-79.45	
08 14 16 00-0555	EA		2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	757.10	64.00
			For 7 Ply Cold Press Construction, Deduct	-12.58	
			For Stave Lumber Core (SLC), Add	471.83	
			For Structural Composite Lumber Core (SCLC), Add	283.10	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	75.49	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	339.71	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	471.83	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	754.92	
			For >50 To 100, Deduct	-41.06	
			For >100, Deduct	-59.98	
			For 9' Door Height, Add	132.11	
08 14 16 00-0556	EA		2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	757.10	64.00
			For 7 Ply Cold Press Construction, Deduct	-12.58	
			For Stave Lumber Core (SLC), Add	471.83	
			For Structural Composite Lumber Core (SCLC), Add	283.10	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	75.49	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	339.71	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	471.83	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	754.92	
			For >50 To 100, Deduct	-41.06	
			For >100, Deduct	-59.98	
			For 9' Door Height, Add	132.11	
08 14 16 00-0557	EA		2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	763.11	66.91
			For 7 Ply Cold Press Construction, Deduct	-12.59	
			For Stave Lumber Core (SLC), Add	471.98	
			For Structural Composite Lumber Core (SCLC), Add	283.19	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	75.52	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	339.82	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	471.98	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	755.16	
			For >50 To 100, Deduct	-41.50	
			For >100, Deduct	-60.58	
			For 9' Door Height, Add	132.15	
08 14 16 00-0558	EA		2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	769.61	66.91
			For 7 Ply Cold Press Construction, Deduct	-12.72	
			For Stave Lumber Core (SLC), Add	476.85	
			For Structural Composite Lumber Core (SCLC), Add	286.11	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	76.30	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	343.33	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	476.85	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	762.96	
			For >50 To 100, Deduct	-41.83	
			For >100, Deduct	-61.07	
			For 9' Door Height, Add	133.52	
08 14 16 00-0559	EA		2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	786.55	66.91
			For 7 Ply Cold Press Construction, Deduct	-13.05	
			For Stave Lumber Core (SLC), Add	489.56	
			For Structural Composite Lumber Core (SCLC), Add	293.73	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	78.33	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	352.48	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	489.56	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	783.29	
			For >50 To 100, Deduct	-42.67	
			For >100, Deduct	-62.34	
			For 9' Door Height, Add	137.08	
08 14 16 00-0560	EA		3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	809.31	69.82
			For 7 Ply Cold Press Construction, Deduct	-13.39	
			For Stave Lumber Core (SLC), Add	502.26	
			For Structural Composite Lumber Core (SCLC), Add	301.36	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	80.36	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	361.63	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	502.26	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	803.62	
			For >50 To 100, Deduct	-43.96	
			For >100, Deduct	-64.19	
			For 9' Door Height, Add	140.63	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 16 00-0561	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	853.30	69.82
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-14.27	
		<i>For Stave Lumber Core (SLC), Add</i>	535.25	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	321.15	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	85.64	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	385.38	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	535.25	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	856.40	
		<i>For >50 To 100, Deduct</i>	-46.16	
		<i>For >100, Deduct</i>	-67.49	
		<i>For 9' Door Height, Add</i>	149.87	
08 14 16 00-0562	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,044.72	72.73
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-17.99	
		<i>For Stave Lumber Core (SLC), Add</i>	674.45	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	404.67	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	107.91	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	485.61	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	674.45	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	1,079.12	
		<i>For >50 To 100, Deduct</i>	-55.87	
		<i>For >100, Deduct</i>	-81.99	
		<i>For 9' Door Height, Add</i>	188.85	
08 14 16 00-0563	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,089.68	72.73
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-18.88	
		<i>For Stave Lumber Core (SLC), Add</i>	708.17	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	424.90	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	113.31	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	509.88	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	708.17	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	1,133.08	
		<i>For >50 To 100, Deduct</i>	-58.12	
		<i>For >100, Deduct</i>	-85.36	
		<i>For 9' Door Height, Add</i>	198.29	
08 14 16 00-0564	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,179.63	72.73
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-20.68	
		<i>For Stave Lumber Core (SLC), Add</i>	775.64	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	465.38	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	124.10	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	558.46	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	775.64	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	1,241.02	
		<i>For >50 To 100, Deduct</i>	-62.62	
		<i>For >100, Deduct</i>	-92.11	
		<i>For 9' Door Height, Add</i>	217.18	
08 14 16 00-0565		Luan Faced Wood Doors <small>(08 14 16 00-0440)</small>		
08 14 16 00-0566	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door	327.95	64.00
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	23.99	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	107.97	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	149.96	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	239.94	
		<i>For >50 To 100, Deduct</i>	-19.60	
		<i>For >100, Deduct</i>	-27.80	
08 14 16 00-0567	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door	327.95	64.00
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	23.99	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	107.97	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	149.96	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	239.94	
		<i>For >50 To 100, Deduct</i>	-19.60	
		<i>For >100, Deduct</i>	-27.80	
08 14 16 00-0568	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door	334.33	66.91
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	24.06	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	108.28	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	150.39	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	240.62	
		<i>For >50 To 100, Deduct</i>	-20.06	
		<i>For >100, Deduct</i>	-28.42	
08 14 16 00-0569	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door	340.10	66.91
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	24.75	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	111.40	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	154.72	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	247.55	
		<i>For >50 To 100, Deduct</i>	-20.35	
		<i>For >100, Deduct</i>	-28.85	
08 14 16 00-0570	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door	342.18	66.91
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	25.00	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	112.52	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	156.28	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	250.04	
		<i>For >50 To 100, Deduct</i>	-20.45	
		<i>For >100, Deduct</i>	-29.01	
08 14 16 00-0571	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door	350.08	69.82
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	25.25	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	113.64	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	157.84	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	252.54	
		<i>For >50 To 100, Deduct</i>	-20.99	
		<i>For >100, Deduct</i>	-29.75	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0572	EA		3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	369.10 27.54 123.91 172.10 275.36 -21.95 -31.17	69.82
08 14 16 00-0573	EA		3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	391.28 29.50 132.75 184.37 295.00 -23.20 -32.98	72.73
08 14 16 00-0574	EA		3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	403.58 30.98 139.39 193.60 309.76 -23.82 -33.90	72.73
08 14 16 00-0575	EA		4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	428.17 33.93 152.67 212.04 339.26 -25.04 -35.75	72.73
08 14 16 00-0576	EA		2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	339.57 25.39 114.25 158.68 253.88 -20.18 -28.67	64.00
08 14 16 00-0577	EA		2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	339.57 25.39 114.25 158.68 253.88 -20.18 -28.67	64.00
08 14 16 00-0578	EA		2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	346.00 25.46 114.58 159.14 254.63 -20.65 -29.30	66.91
08 14 16 00-0579	EA		2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	352.09 26.19 117.87 163.71 261.94 -20.95 -29.75	66.91
08 14 16 00-0580	EA		2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	354.31 26.46 119.07 165.38 264.60 -21.06 -29.92	66.91
08 14 16 00-0581	EA		3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	362.33 26.72 120.26 167.03 267.24 -21.61 -30.67	69.82
08 14 16 00-0582	EA		3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	382.45 29.14 131.12 182.12 291.38 -22.61 -32.17	69.82
08 14 16 00-0583	EA		3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	405.60 31.22 140.48 195.11 312.18 -23.92 -34.06	72.73
08 14 16 00-0584	EA		3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	418.60 32.78 147.50 204.86 327.78 -24.57 -35.03	72.73

08 Openings

08 10 Doors and Frames

08 14 Wood Doors

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 16 00-0585	EA 4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	444.63	72.73
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	35.90	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	161.56	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	224.39	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	359.02	
	<i>For >50 To 100, Deduct</i>	-25.87	
	<i>For >100, Deduct</i>	-36.98	
08 14 16 00-0586	EA 2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	380.81	64.00
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	30.34	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	136.52	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	189.61	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	303.37	
	<i>For >50 To 100, Deduct</i>	-22.24	
	<i>For >100, Deduct</i>	-31.76	
	<i>For 9' Door Height, Add</i>	53.09	
08 14 16 00-0587	EA 2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	380.81	64.00
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	30.34	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	136.52	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	189.61	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	303.37	
	<i>For >50 To 100, Deduct</i>	-22.24	
	<i>For >100, Deduct</i>	-31.76	
	<i>For 9' Door Height, Add</i>	53.09	
08 14 16 00-0588	EA 2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	387.36	66.91
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	30.43	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	136.92	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	190.16	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	304.26	
	<i>For >50 To 100, Deduct</i>	-22.71	
	<i>For >100, Deduct</i>	-32.40	
	<i>For 9' Door Height, Add</i>	53.25	
08 14 16 00-0589	EA 2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	394.66	66.91
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	31.30	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	140.86	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	195.64	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	313.02	
	<i>For >50 To 100, Deduct</i>	-23.08	
	<i>For >100, Deduct</i>	-32.94	
	<i>For 9' Door Height, Add</i>	54.78	
08 14 16 00-0590	EA 2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	397.32	66.91
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	31.62	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	142.30	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	197.63	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	316.21	
	<i>For >50 To 100, Deduct</i>	-23.21	
	<i>For >100, Deduct</i>	-33.14	
	<i>For 9' Door Height, Add</i>	55.34	
08 14 16 00-0591	EA 3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	405.76	69.82
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	31.94	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	143.71	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	199.60	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	319.36	
	<i>For >50 To 100, Deduct</i>	-23.78	
	<i>For >100, Deduct</i>	-33.92	
	<i>For 9' Door Height, Add</i>	55.89	
08 14 16 00-0592	EA 3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	429.81	69.82
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	34.82	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	156.70	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	217.64	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	348.22	
	<i>For >50 To 100, Deduct</i>	-24.98	
	<i>For >100, Deduct</i>	-35.73	
	<i>For 9' Door Height, Add</i>	60.94	
08 14 16 00-0593	EA 3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	456.32	72.73
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	37.30	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	167.87	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	233.15	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	373.04	
	<i>For >50 To 100, Deduct</i>	-26.45	
	<i>For >100, Deduct</i>	-37.86	
	<i>For 9' Door Height, Add</i>	65.28	
08 14 16 00-0594	EA 3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	471.85	72.73
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	39.17	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	176.26	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	244.80	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	391.68	
	<i>For >50 To 100, Deduct</i>	-27.23	
	<i>For >100, Deduct</i>	-39.03	
	<i>For 9' Door Height, Add</i>	68.54	
08 14 16 00-0595	EA 4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	502.98	72.73
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	42.90	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	193.07	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	268.15	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	429.04	
	<i>For >50 To 100, Deduct</i>	-28.79	
	<i>For >100, Deduct</i>	-41.36	
	<i>For 9' Door Height, Add</i>	75.08	

08 14 16 00-0596 Medium Density Overlay (MDO) Wood Doors (08 14 16 00-0440)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0597	EA		2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door 336.43	336.43	64.00
			For Stave Lumber Core (SLC), Add	156.32	
			For Structural Composite Lumber Core (SCLC), Add	93.79	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	25.01	
			For >50 To 100, Deduct	-20.02	
			For >100, Deduct	-28.43	
08 14 16 00-0598	EA		2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door 336.43	336.43	64.00
			For Stave Lumber Core (SLC), Add	156.32	
			For Structural Composite Lumber Core (SCLC), Add	93.79	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	25.01	
			For >50 To 100, Deduct	-20.02	
			For >100, Deduct	-28.43	
08 14 16 00-0599	EA		2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door 354.31	354.31	66.91
			For Stave Lumber Core (SLC), Add	165.38	
			For Structural Composite Lumber Core (SCLC), Add	99.23	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	26.46	
			For >50 To 100, Deduct	-21.06	
			For >100, Deduct	-29.92	
08 14 16 00-0600	EA		2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door 366.35	366.35	66.91
			For Stave Lumber Core (SLC), Add	174.41	
			For Structural Composite Lumber Core (SCLC), Add	104.64	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	27.90	
			For >50 To 100, Deduct	-21.66	
			For >100, Deduct	-30.82	
08 14 16 00-0601	EA		2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door 368.60	368.60	66.91
			For Stave Lumber Core (SLC), Add	176.09	
			For Structural Composite Lumber Core (SCLC), Add	105.66	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	28.17	
			For >50 To 100, Deduct	-21.78	
			For >100, Deduct	-30.99	
08 14 16 00-0602	EA		3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door 376.69	376.69	69.82
			For Stave Lumber Core (SLC), Add	177.80	
			For Structural Composite Lumber Core (SCLC), Add	106.68	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	28.45	
			For >50 To 100, Deduct	-22.33	
			For >100, Deduct	-31.74	
08 14 16 00-0603	EA		3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door 402.82	402.82	69.82
			For Stave Lumber Core (SLC), Add	197.39	
			For Structural Composite Lumber Core (SCLC), Add	118.44	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	31.58	
			For >50 To 100, Deduct	-23.63	
			For >100, Deduct	-33.70	
08 14 16 00-0604	EA		3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door 456.35	456.35	72.73
			For Stave Lumber Core (SLC), Add	233.18	
			For Structural Composite Lumber Core (SCLC), Add	139.91	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	37.31	
			For >50 To 100, Deduct	-26.45	
			For >100, Deduct	-37.86	
08 14 16 00-0605	EA		3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door 471.91	471.91	72.73
			For Stave Lumber Core (SLC), Add	244.85	
			For Structural Composite Lumber Core (SCLC), Add	146.91	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	39.18	
			For >50 To 100, Deduct	-27.23	
			For >100, Deduct	-39.03	
08 14 16 00-0606	EA		4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door 502.98	502.98	72.73
			For Stave Lumber Core (SLC), Add	268.15	
			For Structural Composite Lumber Core (SCLC), Add	160.89	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	42.90	
			For >50 To 100, Deduct	-28.79	
			For >100, Deduct	-41.36	
08 14 16 00-0607	EA		2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door 348.57	348.57	64.00
			For Stave Lumber Core (SLC), Add	165.43	
			For Structural Composite Lumber Core (SCLC), Add	99.26	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	26.47	
			For >50 To 100, Deduct	-20.63	
			For >100, Deduct	-29.34	
08 14 16 00-0608	EA		2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door 348.57	348.57	64.00
			For Stave Lumber Core (SLC), Add	165.43	
			For Structural Composite Lumber Core (SCLC), Add	99.26	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	26.47	
			For >50 To 100, Deduct	-20.63	
			For >100, Deduct	-29.34	
08 14 16 00-0609	EA		2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door 367.15	367.15	66.91
			For Stave Lumber Core (SLC), Add	175.01	
			For Structural Composite Lumber Core (SCLC), Add	105.00	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	28.00	
			For >50 To 100, Deduct	-21.70	
			For >100, Deduct	-30.88	
08 14 16 00-0610	EA		2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door 379.90	379.90	66.91
			For Stave Lumber Core (SLC), Add	184.57	
			For Structural Composite Lumber Core (SCLC), Add	110.74	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	29.53	
			For >50 To 100, Deduct	-22.34	
			For >100, Deduct	-31.84	
08 14 16 00-0611	EA		2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door 382.27	382.27	66.91
			For Stave Lumber Core (SLC), Add	186.35	
			For Structural Composite Lumber Core (SCLC), Add	111.81	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	29.82	
			For >50 To 100, Deduct	-22.46	
			For >100, Deduct	-32.02	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 16 00-0612	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	390.49	69.82
		<i>For Stave Lumber Core (SLC), Add</i>	188.15	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	112.89	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	30.10	
		<i>For >50 To 100, Deduct</i>	-23.02	
		<i>For >100, Deduct</i>	-32.78	
08 14 16 00-0613	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	418.13	69.82
		<i>For Stave Lumber Core (SLC), Add</i>	208.88	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	125.33	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	33.42	
		<i>For >50 To 100, Deduct</i>	-24.40	
		<i>For >100, Deduct</i>	-34.85	
08 14 16 00-0614	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	474.44	72.73
		<i>For Stave Lumber Core (SLC), Add</i>	246.74	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	148.05	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	39.48	
		<i>For >50 To 100, Deduct</i>	-27.36	
		<i>For >100, Deduct</i>	-39.22	
08 14 16 00-0615	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	490.90	72.73
		<i>For Stave Lumber Core (SLC), Add</i>	259.09	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	155.45	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	41.45	
		<i>For >50 To 100, Deduct</i>	-28.18	
		<i>For >100, Deduct</i>	-40.45	
08 14 16 00-0616	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	523.79	72.73
		<i>For Stave Lumber Core (SLC), Add</i>	283.76	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	170.25	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	45.40	
		<i>For >50 To 100, Deduct</i>	-29.83	
		<i>For >100, Deduct</i>	-42.92	
08 14 16 00-0617	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	391.57	64.00
		<i>For Stave Lumber Core (SLC), Add</i>	197.68	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	118.61	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	31.63	
		<i>For >50 To 100, Deduct</i>	-22.78	
		<i>For >100, Deduct</i>	-32.57	
		<i>For 9' Door Height, Add</i>	55.35	
08 14 16 00-0618	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	391.57	64.00
		<i>For Stave Lumber Core (SLC), Add</i>	197.68	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	118.61	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	31.63	
		<i>For >50 To 100, Deduct</i>	-22.78	
		<i>For >100, Deduct</i>	-32.57	
		<i>For 9' Door Height, Add</i>	55.35	
08 14 16 00-0619	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	412.66	66.91
		<i>For Stave Lumber Core (SLC), Add</i>	209.14	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	125.48	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	33.46	
		<i>For >50 To 100, Deduct</i>	-23.98	
		<i>For >100, Deduct</i>	-34.29	
		<i>For 9' Door Height, Add</i>	58.56	
08 14 16 00-0620	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	427.90	66.91
		<i>For Stave Lumber Core (SLC), Add</i>	220.57	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	132.34	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	35.29	
		<i>For >50 To 100, Deduct</i>	-24.74	
		<i>For >100, Deduct</i>	-35.44	
		<i>For 9' Door Height, Add</i>	61.76	
08 14 16 00-0621	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	430.72	66.91
		<i>For Stave Lumber Core (SLC), Add</i>	222.68	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	133.61	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	35.63	
		<i>For >50 To 100, Deduct</i>	-24.88	
		<i>For >100, Deduct</i>	-35.65	
		<i>For 9' Door Height, Add</i>	62.35	
08 14 16 00-0622	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	439.42	69.82
		<i>For Stave Lumber Core (SLC), Add</i>	224.84	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	134.91	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	35.97	
		<i>For >50 To 100, Deduct</i>	-25.46	
		<i>For >100, Deduct</i>	-36.45	
		<i>For 9' Door Height, Add</i>	62.96	
08 14 16 00-0623	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	472.43	69.82
		<i>For Stave Lumber Core (SLC), Add</i>	249.60	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	149.76	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	39.94	
		<i>For >50 To 100, Deduct</i>	-27.11	
		<i>For >100, Deduct</i>	-38.92	
		<i>For 9' Door Height, Add</i>	69.89	
08 14 16 00-0624	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	538.58	72.73
		<i>For Stave Lumber Core (SLC), Add</i>	294.85	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	176.91	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	47.18	
		<i>For >50 To 100, Deduct</i>	-30.57	
		<i>For >100, Deduct</i>	-44.03	
		<i>For 9' Door Height, Add</i>	82.56	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0625	EA		3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door..... <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	558.28 309.62 185.77 49.54 -31.55 -45.51 86.69	72.73
08 14 16 00-0626	EA		4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door..... <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	597.57 339.09 203.45 54.25 -33.51 -48.45 94.95	72.73
08 14 16 00-0627			Manufacturer Prefinished Options For Flush Wood Doors (08 14 16)		
08 14 16 00-0628	EA		Two Coats, Clear Or Colored Catalyzed Polyurethane Factory Finish For Flush Wood Door..... Note: Includes (2) coats any standard manufacturer color on six sides. <i>For Custom Color To Match Non Standard Manufacturer Finish, Add</i>	71.33 23.75	
08 14 16 00-0629	EA		Three Coats, Clear Or Colored Catalyzed Polyurethane Factory Finish For Flush Wood Door..... Note: Includes (3) coats any standard manufacturer color on six sides. <i>For Custom Color To Match Non Standard Manufacturer Finish, Add</i>	106.99 23.75	
08 14 23			Clad Wood Doors (08 14)		
08 14 23 13			Metal-Faced Wood Doors (08 14 23) See CSI section 08 70 00 00-0000 for finish hardware.		
08 14 23 13-0001			24 Gauge Metal Clad Door, 1-3/4" Thick, Solid Staved Wood Core (08 14 23 13)		
08 14 23 13-0002	EA		2' 6" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door.....	741.69	143.13
08 14 23 13-0003	EA		2' 8" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door.....	792.80	157.09
08 14 23 13-0004	EA		2' 10" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door.....	851.96	173.38
08 14 23 13-0005	EA		3'-0" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door.....	890.08	179.19
08 14 23 13-0006	EA		3' 4" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door.....	952.58	197.23
08 14 23 13-0007	EA		3' 8" x 7' x 1-3/4" Thick, Metal Clad Door, Solid Staved Wood Core, Flush Type Door.....	1,031.69	203.64
08 14 23 16			Plastic-Laminate-Faced Wood Doors (08 14 23)		
08 14 23 16-0001			1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Doors (08 14 23 16) Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.		
08 14 23 16-0002	EA		2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door..... <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For 5 Ply Construction, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	304.87 79.59 6.19 -18.44 -26.07	64.00
08 14 23 16-0003	EA		2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door..... <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For 5 Ply Construction, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	304.87 79.59 6.19 -18.44 -26.07	64.00
08 14 23 16-0004	EA		2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door..... <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For 5 Ply Construction, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	320.40 83.97 6.53 -19.37 -27.38	66.91
08 14 23 16-0005	EA		2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door..... <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For 5 Ply Construction, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	330.13 88.34 6.87 -19.85 -28.11	66.91
08 14 23 16-0006	EA		2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door..... <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For 5 Ply Construction, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	335.04 90.55 7.04 -20.10 -28.47	66.91
08 14 23 16-0007	EA		3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door..... <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For 5 Ply Construction, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	345.74 92.75 7.21 -20.78 -29.42	69.82
08 14 23 16-0008	EA		3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door..... <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For 5 Ply Construction, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	368.41 102.95 8.01 -21.91 -31.12	69.82

08 Openings

08 10 Doors and Frames

08 14 Wood Doors

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 23 16-0009	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	388.87	72.73
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	109.54	
		<i>For 5 Ply Construction, Add</i>	8.52	
		<i>For >50 To 100, Deduct</i>	-23.08	
		<i>For >100, Deduct</i>	-32.80	
08 14 23 16-0010	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	315.16	64.00
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	84.22	
		<i>For 5 Ply Construction, Add</i>	6.55	
		<i>For >50 To 100, Deduct</i>	-18.96	
		<i>For >100, Deduct</i>	-26.84	
08 14 23 16-0011	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	315.15	64.00
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	84.22	
		<i>For 5 Ply Construction, Add</i>	6.55	
		<i>For >50 To 100, Deduct</i>	-18.96	
		<i>For >100, Deduct</i>	-26.84	
08 14 23 16-0012	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	331.27	66.91
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	88.86	
		<i>For 5 Ply Construction, Add</i>	6.91	
		<i>For >50 To 100, Deduct</i>	-19.91	
		<i>For >100, Deduct</i>	-28.19	
08 14 23 16-0013	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	341.56	66.91
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	93.49	
		<i>For 5 Ply Construction, Add</i>	7.27	
		<i>For >50 To 100, Deduct</i>	-20.42	
		<i>For >100, Deduct</i>	-28.96	
08 14 23 16-0014	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	346.75	66.91
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	95.82	
		<i>For 5 Ply Construction, Add</i>	7.45	
		<i>For >50 To 100, Deduct</i>	-20.68	
		<i>For >100, Deduct</i>	-29.35	
08 14 23 16-0015	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	357.74	69.82
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	98.15	
		<i>For 5 Ply Construction, Add</i>	7.63	
		<i>For >50 To 100, Deduct</i>	-21.38	
		<i>For >100, Deduct</i>	-30.32	
08 14 23 16-0016	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	381.72	69.82
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	108.94	
		<i>For 5 Ply Construction, Add</i>	8.47	
		<i>For >50 To 100, Deduct</i>	-22.58	
		<i>For >100, Deduct</i>	-32.12	
08 14 23 16-0017	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	403.03	72.73
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	115.91	
		<i>For 5 Ply Construction, Add</i>	9.02	
		<i>For >50 To 100, Deduct</i>	-23.79	
		<i>For >100, Deduct</i>	-33.86	
08 14 23 16-0018	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	351.65	64.00
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	100.64	
		<i>For 5 Ply Construction, Add</i>	7.83	
		<i>For >50 To 100, Deduct</i>	-20.78	
		<i>For >100, Deduct</i>	-29.57	
08 14 23 16-0019	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	351.65	64.00
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	100.64	
		<i>For 5 Ply Construction, Add</i>	7.83	
		<i>For >50 To 100, Deduct</i>	-20.78	
		<i>For >100, Deduct</i>	-29.57	
08 14 23 16-0020	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	369.78	66.91
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	106.19	
		<i>For 5 Ply Construction, Add</i>	8.26	
		<i>For >50 To 100, Deduct</i>	-21.83	
		<i>For >100, Deduct</i>	-31.08	
08 14 23 16-0021	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	382.07	66.91
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	111.72	
		<i>For 5 Ply Construction, Add</i>	8.69	
		<i>For >50 To 100, Deduct</i>	-22.45	
		<i>For >100, Deduct</i>	-32.00	
08 14 23 16-0022	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	388.27	66.91
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	114.51	
		<i>For 5 Ply Construction, Add</i>	8.91	
		<i>For >50 To 100, Deduct</i>	-22.76	
		<i>For >100, Deduct</i>	-32.47	
08 14 23 16-0023	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	400.27	69.82
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	117.29	
		<i>For 5 Ply Construction, Add</i>	9.12	
		<i>For >50 To 100, Deduct</i>	-23.50	
		<i>For >100, Deduct</i>	-33.51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0024	EA		3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	428.93	69.82
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	130.19	
			<i>For 5 Ply Construction, Add</i>	10.13	
			<i>For >50 To 100, Deduct</i>	-24.94	
			<i>For >100, Deduct</i>	-35.66	
08 14 23 16-0025	EA		3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	453.26	72.73
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	138.51	
			<i>For 5 Ply Construction, Add</i>	10.77	
			<i>For >50 To 100, Deduct</i>	-26.30	
			<i>For >100, Deduct</i>	-37.63	
08 14 23 16-0026			1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Doors <small>(08 14 23 16)</small>		
			Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.		
08 14 23 16-0027	EA		2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	429.33	64.00
			<i>For 5 Ply Construction, Add</i>	10.55	
			<i>For Stave Lumber Core (SLC), Add</i>	226.00	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	135.60	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	36.16	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	162.72	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	226.00	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	361.60	
			<i>For >50 To 100, Deduct</i>	-24.67	
			<i>For >100, Deduct</i>	-35.40	
08 14 23 16-0028	EA		2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	429.31	64.00
			<i>For 5 Ply Construction, Add</i>	10.55	
			<i>For Stave Lumber Core (SLC), Add</i>	225.98	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	135.59	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	36.16	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	162.71	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	225.98	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	361.57	
			<i>For >50 To 100, Deduct</i>	-24.67	
			<i>For >100, Deduct</i>	-35.40	
08 14 23 16-0029	EA		2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	444.55	66.91
			<i>For 5 Ply Construction, Add</i>	10.88	
			<i>For Stave Lumber Core (SLC), Add</i>	233.06	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	139.83	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	37.29	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	167.80	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	233.06	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	372.89	
			<i>For >50 To 100, Deduct</i>	-25.57	
			<i>For >100, Deduct</i>	-36.69	
08 14 23 16-0030	EA		2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	444.55	66.91
			<i>For 5 Ply Construction, Add</i>	10.88	
			<i>For Stave Lumber Core (SLC), Add</i>	233.06	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	139.83	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	37.29	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	167.80	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	233.06	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	372.89	
			<i>For >50 To 100, Deduct</i>	-25.57	
			<i>For >100, Deduct</i>	-36.69	
08 14 23 16-0031	EA		2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	463.21	66.91
			<i>For 5 Ply Construction, Add</i>	11.53	
			<i>For Stave Lumber Core (SLC), Add</i>	247.05	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	148.23	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	39.53	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	177.88	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	247.05	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	395.28	
			<i>For >50 To 100, Deduct</i>	-26.51	
			<i>For >100, Deduct</i>	-38.09	
08 14 23 16-0032	EA		3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	487.69	69.82
			<i>For 5 Ply Construction, Add</i>	12.18	
			<i>For Stave Lumber Core (SLC), Add</i>	261.05	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	156.63	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	41.77	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	187.95	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	261.05	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	417.67	
			<i>For >50 To 100, Deduct</i>	-27.88	
			<i>For >100, Deduct</i>	-40.07	

08 Openings

08 10 Doors and Frames

08 14 Wood Doors

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0033	EA		3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	506.77	69.82
			For 5 Ply Construction, Add	12.85	
			For Stave Lumber Core (SLC), Add	275.36	
			For Structural Composite Lumber Core (SCLC), Add	165.21	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	44.06	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	198.26	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	275.36	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	440.57	
			For >50 To 100, Deduct	-28.83	
			For >100, Deduct	-41.50	
08 14 23 16-0034	EA		3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	522.12	72.73
			For 5 Ply Construction, Add	13.18	
			For Stave Lumber Core (SLC), Add	282.50	
			For Structural Composite Lumber Core (SCLC), Add	169.50	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	45.20	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	203.40	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	282.50	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	452.00	
			For >50 To 100, Deduct	-29.74	
			For >100, Deduct	-42.80	
08 14 23 16-0035	EA		3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	540.94	72.73
			For 5 Ply Construction, Add	13.84	
			For Stave Lumber Core (SLC), Add	296.62	
			For Structural Composite Lumber Core (SCLC), Add	177.97	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	47.46	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	213.56	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	296.62	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	474.59	
			For >50 To 100, Deduct	-30.68	
			For >100, Deduct	-44.21	
08 14 23 16-0036	EA		4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	590.25	78.55
			For 5 Ply Construction, Add	15.16	
			For Stave Lumber Core (SLC), Add	324.87	
			For Structural Composite Lumber Core (SCLC), Add	194.92	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	51.98	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	233.91	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	324.87	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	519.79	
			For >50 To 100, Deduct	-33.44	
			For >100, Deduct	-48.20	
08 14 23 16-0037	EA		2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	446.87	64.00
			For 5 Ply Construction, Add	11.16	
			For Stave Lumber Core (SLC), Add	239.15	
			For Structural Composite Lumber Core (SCLC), Add	143.49	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	38.26	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	172.19	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	239.15	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	382.64	
			For >50 To 100, Deduct	-25.54	
			For >100, Deduct	-36.72	
08 14 23 16-0038	EA		2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	446.85	64.00
			For 5 Ply Construction, Add	11.16	
			For Stave Lumber Core (SLC), Add	239.14	
			For Structural Composite Lumber Core (SCLC), Add	143.48	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	38.26	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	172.18	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	239.14	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	382.62	
			For >50 To 100, Deduct	-25.54	
			For >100, Deduct	-36.71	
08 14 23 16-0039	EA		2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	462.64	66.91
			For 5 Ply Construction, Add	11.51	
			For Stave Lumber Core (SLC), Add	246.62	
			For Structural Composite Lumber Core (SCLC), Add	147.97	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	39.46	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	177.57	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	246.62	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	394.60	
			For >50 To 100, Deduct	-26.48	
			For >100, Deduct	-38.04	
08 14 23 16-0040	EA		2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	462.64	66.91
			For 5 Ply Construction, Add	11.51	
			For Stave Lumber Core (SLC), Add	246.62	
			For Structural Composite Lumber Core (SCLC), Add	147.97	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	39.46	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	177.57	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	246.62	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	394.60	
			For >50 To 100, Deduct	-26.48	
			For >100, Deduct	-38.04	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 14 23 16-0041	EA		2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	482.39	66.91
			For 5 Ply Construction, Add	12.20	
			For Stave Lumber Core (SLC), Add	261.44	
			For Structural Composite Lumber Core (SCLC), Add	156.86	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	41.83	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	188.23	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	261.44	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	418.30	
			For >50 To 100, Deduct	-27.46	
			For >100, Deduct	-39.52	
08 14 23 16-0042	EA		3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	507.96	69.82
			For 5 Ply Construction, Add	12.89	
			For Stave Lumber Core (SLC), Add	276.25	
			For Structural Composite Lumber Core (SCLC), Add	165.75	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	44.20	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	198.90	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	276.25	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	442.00	
			For >50 To 100, Deduct	-28.89	
			For >100, Deduct	-41.59	
08 14 23 16-0043	EA		3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	528.13	69.82
			For 5 Ply Construction, Add	13.60	
			For Stave Lumber Core (SLC), Add	291.38	
			For Structural Composite Lumber Core (SCLC), Add	174.83	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	46.62	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	209.79	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	291.38	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	466.20	
			For >50 To 100, Deduct	-29.90	
			For >100, Deduct	-43.10	
08 14 23 16-0044	EA		3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	544.03	72.73
			For 5 Ply Construction, Add	13.95	
			For Stave Lumber Core (SLC), Add	298.94	
			For Structural Composite Lumber Core (SCLC), Add	179.36	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	47.83	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	215.23	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	298.94	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	478.30	
			For >50 To 100, Deduct	-30.84	
			For >100, Deduct	-44.44	
08 14 23 16-0045	EA		3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	563.95	72.73
			For 5 Ply Construction, Add	14.65	
			For Stave Lumber Core (SLC), Add	313.88	
			For Structural Composite Lumber Core (SCLC), Add	188.33	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	50.22	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	225.99	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	313.88	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	502.20	
			For >50 To 100, Deduct	-31.83	
			For >100, Deduct	-45.93	
08 14 23 16-0046	EA		4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	615.46	78.55
			For 5 Ply Construction, Add	16.04	
			For Stave Lumber Core (SLC), Add	343.78	
			For Structural Composite Lumber Core (SCLC), Add	206.27	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	55.00	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	247.52	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	343.78	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	550.04	
			For >50 To 100, Deduct	-34.70	
			For >100, Deduct	-50.09	
08 14 23 16-0047	EA		2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	509.05	64.00
			For 5 Ply Construction, Add	13.34	
			For Stave Lumber Core (SLC), Add	285.79	
			For Structural Composite Lumber Core (SCLC), Add	171.47	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	45.73	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	205.77	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	285.79	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	457.26	
			For >50 To 100, Deduct	-28.65	
			For >100, Deduct	-41.38	
08 14 23 16-0048	EA		2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	509.03	64.00
			For 5 Ply Construction, Add	13.34	
			For Stave Lumber Core (SLC), Add	285.77	
			For Structural Composite Lumber Core (SCLC), Add	171.46	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	45.72	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	205.76	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	285.77	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	457.24	
			For >50 To 100, Deduct	-28.65	
			For >100, Deduct	-41.38	

08 Openings

08 10 Doors and Frames

08 14 Wood Doors

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 23 16-0049	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	526.76	66.91
		For 5 Ply Construction, Add	13.75	
		For Stave Lumber Core (SLC), Add	294.71	
		For Structural Composite Lumber Core (SCLC), Add	176.83	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	47.15	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	212.19	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	294.71	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	471.54	
		For >50 To 100, Deduct	-29.68	
		For >100, Deduct	-42.85	
08 14 23 16-0050	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	526.76	66.91
		For 5 Ply Construction, Add	13.75	
		For Stave Lumber Core (SLC), Add	294.71	
		For Structural Composite Lumber Core (SCLC), Add	176.83	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	47.15	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	212.19	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	294.71	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	471.54	
		For >50 To 100, Deduct	-29.68	
		For >100, Deduct	-42.85	
08 14 23 16-0051	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	550.35	66.91
		For 5 Ply Construction, Add	14.58	
		For Stave Lumber Core (SLC), Add	312.41	
		For Structural Composite Lumber Core (SCLC), Add	187.44	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	49.98	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	224.93	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	312.41	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	499.85	
		For >50 To 100, Deduct	-30.86	
		For >100, Deduct	-44.62	
08 14 23 16-0052	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	579.78	69.82
		For 5 Ply Construction, Add	15.41	
		For Stave Lumber Core (SLC), Add	330.11	
		For Structural Composite Lumber Core (SCLC), Add	198.07	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	52.82	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	237.68	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	330.11	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	528.18	
		For >50 To 100, Deduct	-32.48	
		For >100, Deduct	-46.97	
08 14 23 16-0053	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	603.88	69.82
		For 5 Ply Construction, Add	16.25	
		For Stave Lumber Core (SLC), Add	348.19	
		For Structural Composite Lumber Core (SCLC), Add	208.91	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	55.71	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	250.70	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	348.19	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	557.10	
		For >50 To 100, Deduct	-33.68	
		For >100, Deduct	-48.78	
08 14 23 16-0054	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	621.75	72.73
		For 5 Ply Construction, Add	16.67	
		For Stave Lumber Core (SLC), Add	357.23	
		For Structural Composite Lumber Core (SCLC), Add	214.34	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	57.16	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	257.20	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	357.23	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	571.56	
		For >50 To 100, Deduct	-34.72	
		For >100, Deduct	-50.27	
08 14 23 16-0055	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	645.56	72.73
		For 5 Ply Construction, Add	17.50	
		For Stave Lumber Core (SLC), Add	375.08	
		For Structural Composite Lumber Core (SCLC), Add	225.05	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	60.01	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	270.06	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	375.08	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	600.13	
		For >50 To 100, Deduct	-35.91	
		For >100, Deduct	-52.05	
08 14 23 16-0056	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	704.84	78.55
		For 5 Ply Construction, Add	19.17	
		For Stave Lumber Core (SLC), Add	410.81	
		For Structural Composite Lumber Core (SCLC), Add	246.49	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	65.73	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	295.79	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	410.81	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	657.30	
		For >50 To 100, Deduct	-39.17	
		For >100, Deduct	-56.79	

08 14 23 19 Molded-Hardboard-Faced Wood Doors (08 14 23)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 14 23 19-0001 1-3/8" Thick, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors (08 14 23 19)

08 14 23 19-0002	EA		2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	246.96	64.00
			<i>For >50 To 100, Deduct</i>	-15.55	
			<i>For >100, Deduct</i>	-21.72	
08 14 23 19-0003	EA		2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	246.96	64.00
			<i>For >50 To 100, Deduct</i>	-15.55	
			<i>For >100, Deduct</i>	-21.72	
08 14 23 19-0004	EA		2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	261.45	66.91
			<i>For >50 To 100, Deduct</i>	-16.42	
			<i>For >100, Deduct</i>	-22.95	
08 14 23 19-0005	EA		2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	265.58	66.91
			<i>For >50 To 100, Deduct</i>	-16.62	
			<i>For >100, Deduct</i>	-23.26	
08 14 23 19-0006	EA		2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	269.68	66.91
			<i>For >50 To 100, Deduct</i>	-16.83	
			<i>For >100, Deduct</i>	-23.57	
08 14 23 19-0007	EA		3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	279.63	69.82
			<i>For >50 To 100, Deduct</i>	-17.47	
			<i>For >100, Deduct</i>	-24.46	
08 14 23 19-0008	EA		3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	295.00	69.82
			<i>For >50 To 100, Deduct</i>	-18.24	
			<i>For >100, Deduct</i>	-25.62	
08 14 23 19-0009	EA		3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	310.78	72.73
			<i>For >50 To 100, Deduct</i>	-19.18	
			<i>For >100, Deduct</i>	-26.94	
08 14 23 19-0010	EA		2'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	253.88	64.00
			<i>For >50 To 100, Deduct</i>	-15.89	
			<i>For >100, Deduct</i>	-22.24	
08 14 23 19-0011	EA		2'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	253.88	64.00
			<i>For >50 To 100, Deduct</i>	-15.89	
			<i>For >100, Deduct</i>	-22.24	
08 14 23 19-0012	EA		2'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	268.88	66.91
			<i>For >50 To 100, Deduct</i>	-16.79	
			<i>For >100, Deduct</i>	-23.51	
08 14 23 19-0013	EA		2'-8" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	273.23	66.91
			<i>For >50 To 100, Deduct</i>	-17.01	
			<i>For >100, Deduct</i>	-23.84	
08 14 23 19-0014	EA		2'-10" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	277.59	66.91
			<i>For >50 To 100, Deduct</i>	-17.22	
			<i>For >100, Deduct</i>	-24.16	
08 14 23 19-0015	EA		3'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	287.76	69.82
			<i>For >50 To 100, Deduct</i>	-17.88	
			<i>For >100, Deduct</i>	-25.07	
08 14 23 19-0016	EA		3'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	304.03	69.82
			<i>For >50 To 100, Deduct</i>	-18.69	
			<i>For >100, Deduct</i>	-26.29	
08 14 23 19-0017	EA		3'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	320.39	72.73
			<i>For >50 To 100, Deduct</i>	-19.66	
			<i>For >100, Deduct</i>	-27.67	
08 14 23 19-0018	EA		2'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	278.44	64.00
			<i>For >50 To 100, Deduct</i>	-17.12	
			<i>For >100, Deduct</i>	-24.08	
08 14 23 19-0019	EA		2'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	278.44	64.00
			<i>For >50 To 100, Deduct</i>	-17.12	
			<i>For >100, Deduct</i>	-24.08	
08 14 23 19-0020	EA		2'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	295.23	66.91
			<i>For >50 To 100, Deduct</i>	-18.11	
			<i>For >100, Deduct</i>	-25.49	
08 14 23 19-0021	EA		2'-8" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	300.42	66.91
			<i>For >50 To 100, Deduct</i>	-18.37	
			<i>For >100, Deduct</i>	-25.88	
08 14 23 19-0022	EA		2'-10" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	305.64	66.91
			<i>For >50 To 100, Deduct</i>	-18.63	
			<i>For >100, Deduct</i>	-26.27	
08 14 23 19-0023	EA		3'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	316.65	69.82
			<i>For >50 To 100, Deduct</i>	-19.32	
			<i>For >100, Deduct</i>	-27.24	
08 14 23 19-0024	EA		3'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	336.09	69.82
			<i>For >50 To 100, Deduct</i>	-20.30	
			<i>For >100, Deduct</i>	-28.70	
08 14 23 19-0025	EA		3'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	354.49	72.73
			<i>For >50 To 100, Deduct</i>	-21.36	
			<i>For >100, Deduct</i>	-30.22	

08 14 23 19-0026 1-3/4" Thick, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors (08 14 23 19)

08 14 23 19-0027	EA		2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	276.23	64.00
			<i>For >50 To 100, Deduct</i>	-17.01	
			<i>For >100, Deduct</i>	-23.92	
08 14 23 19-0028	EA		2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	276.23	64.00
			<i>For >50 To 100, Deduct</i>	-17.01	
			<i>For >100, Deduct</i>	-23.92	
08 14 23 19-0029	EA		2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	286.14	66.91
			<i>For >50 To 100, Deduct</i>	-17.65	
			<i>For >100, Deduct</i>	-24.81	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

08 14 23 19-0030	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	294.40	66.91
		<i>For >50 To 100, Deduct</i>	-18.07	
		<i>For >100, Deduct</i>	-25.43	
08 14 23 19-0031	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	298.53	66.91
		<i>For >50 To 100, Deduct</i>	-18.27	
		<i>For >100, Deduct</i>	-25.74	
08 14 23 19-0032	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	308.42	69.82
		<i>For >50 To 100, Deduct</i>	-18.91	
		<i>For >100, Deduct</i>	-26.62	
08 14 23 19-0033	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	317.83	69.82
		<i>For >50 To 100, Deduct</i>	-19.38	
		<i>For >100, Deduct</i>	-27.33	
08 14 23 19-0034	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	354.27	72.73
		<i>For >50 To 100, Deduct</i>	-21.35	
		<i>For >100, Deduct</i>	-30.21	
08 14 23 19-0035	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	364.70	72.73
		<i>For >50 To 100, Deduct</i>	-21.87	
		<i>For >100, Deduct</i>	-30.99	
08 14 23 19-0036	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	385.61	72.73
		<i>For >50 To 100, Deduct</i>	-22.92	
		<i>For >100, Deduct</i>	-32.56	
08 14 23 19-0037	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	284.84	64.00
		<i>For >50 To 100, Deduct</i>	-17.44	
		<i>For >100, Deduct</i>	-24.56	
08 14 23 19-0038	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	284.84	64.00
		<i>For >50 To 100, Deduct</i>	-17.44	
		<i>For >100, Deduct</i>	-24.56	
08 14 23 19-0039	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	295.01	66.91
		<i>For >50 To 100, Deduct</i>	-18.10	
		<i>For >100, Deduct</i>	-25.47	
08 14 23 19-0040	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	303.75	66.91
		<i>For >50 To 100, Deduct</i>	-18.53	
		<i>For >100, Deduct</i>	-26.13	
08 14 23 19-0041	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	308.11	66.91
		<i>For >50 To 100, Deduct</i>	-18.75	
		<i>For >100, Deduct</i>	-26.45	
08 14 23 19-0042	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	318.25	69.82
		<i>For >50 To 100, Deduct</i>	-19.40	
		<i>For >100, Deduct</i>	-27.36	
08 14 23 19-0043	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	328.21	69.82
		<i>For >50 To 100, Deduct</i>	-19.90	
		<i>For >100, Deduct</i>	-28.11	
08 14 23 19-0044	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	366.43	72.73
		<i>For >50 To 100, Deduct</i>	-21.96	
		<i>For >100, Deduct</i>	-31.12	
08 14 23 19-0045	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	377.48	72.73
		<i>For >50 To 100, Deduct</i>	-22.51	
		<i>For >100, Deduct</i>	-31.95	
08 14 23 19-0046	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	399.58	72.73
		<i>For >50 To 100, Deduct</i>	-23.62	
		<i>For >100, Deduct</i>	-33.60	
08 14 23 19-0047	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	315.42	64.00
		<i>For >50 To 100, Deduct</i>	-18.97	
		<i>For >100, Deduct</i>	-26.86	
08 14 23 19-0048	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	315.42	64.00
		<i>For >50 To 100, Deduct</i>	-18.97	
		<i>For >100, Deduct</i>	-26.86	
08 14 23 19-0049	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	326.45	66.91
		<i>For >50 To 100, Deduct</i>	-19.67	
		<i>For >100, Deduct</i>	-27.83	
08 14 23 19-0050	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	336.89	66.91
		<i>For >50 To 100, Deduct</i>	-20.19	
		<i>For >100, Deduct</i>	-28.61	
08 14 23 19-0051	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	342.08	66.91
		<i>For >50 To 100, Deduct</i>	-20.45	
		<i>For >100, Deduct</i>	-29.00	
08 14 23 19-0052	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	353.09	69.82
		<i>For >50 To 100, Deduct</i>	-21.15	
		<i>For >100, Deduct</i>	-29.97	
08 14 23 19-0053	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	364.97	69.82
		<i>For >50 To 100, Deduct</i>	-21.74	
		<i>For >100, Deduct</i>	-30.86	
08 14 23 19-0054	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	409.54	72.73
		<i>For >50 To 100, Deduct</i>	-24.11	
		<i>For >100, Deduct</i>	-34.35	
08 14 23 19-0055	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	422.73	72.73
		<i>For >50 To 100, Deduct</i>	-24.77	
		<i>For >100, Deduct</i>	-35.34	
08 14 23 19-0056	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	449.15	72.73
		<i>For >50 To 100, Deduct</i>	-26.09	
		<i>For >100, Deduct</i>	-37.32	

08 14 23 19-0057 1-3/8" Thick, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors (08 14 23 19)

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0058	EA		2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	293.87 -17.89 -25.24	64.00
08 14 23 19-0059	EA		2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	293.87 -17.89 -25.24	64.00
08 14 23 19-0060	EA		2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	309.32 -18.81 -26.54	66.91
08 14 23 19-0061	EA		2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	318.93 -19.29 -27.27	66.91
08 14 23 19-0062	EA		2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	320.69 -19.38 -27.40	66.91
08 14 23 19-0063	EA		3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	328.30 -19.91 -28.11	69.82
08 14 23 19-0064	EA		3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	349.12 -20.95 -29.67	69.82
08 14 23 19-0065	EA		3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	392.88 -23.28 -33.10	72.73
08 14 23 19-0066	EA		2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	303.54 -18.38 -25.97	64.00
08 14 23 19-0067	EA		2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	303.54 -18.38 -25.97	64.00
08 14 23 19-0068	EA		2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	319.54 -19.32 -27.31	66.91
08 14 23 19-0069	EA		2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	329.69 -19.83 -28.07	66.91
08 14 23 19-0070	EA		2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	331.58 -19.92 -28.21	66.91
08 14 23 19-0071	EA		3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	339.29 -20.46 -28.94	69.82
08 14 23 19-0072	EA		3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	361.32 -21.56 -30.59	69.82
08 14 23 19-0073	EA		3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	407.29 -24.00 -34.18	72.73
08 14 23 19-0074	EA		2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	337.78 -20.09 -28.53	64.00
08 14 23 19-0075	EA		2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	337.78 -20.09 -28.53	64.00
08 14 23 19-0076	EA		2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	355.75 -21.13 -30.03	66.91
08 14 23 19-0077	EA		2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	367.89 -21.74 -30.94	66.91
08 14 23 19-0078	EA		2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	370.13 -21.85 -31.11	66.91
08 14 23 19-0079	EA		3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	378.23 -22.40 -31.86	69.82

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 14 23 19-0080	EA 3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	404.55	69.82
	<i>For >50 To 100, Deduct</i>	-23.72	
	<i>For >100, Deduct</i>	-33.83	
08 14 23 19-0081	EA 3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	458.37	72.73
	<i>For >50 To 100, Deduct</i>	-26.55	
	<i>For >100, Deduct</i>	-38.01	
08 14 23 19-0082	1-3/4" Thick, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors <small>(08 14 23 19)</small>		
	Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.		
08 14 23 19-0083	EA 2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	336.43	64.00
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	25.01	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	112.55	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	156.32	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	250.12	
	<i>For >50 To 100, Deduct</i>	-20.02	
	<i>For >100, Deduct</i>	-28.43	
08 14 23 19-0084	EA 2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	336.43	64.00
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	25.01	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	112.55	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	156.32	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	250.12	
	<i>For >50 To 100, Deduct</i>	-20.02	
	<i>For >100, Deduct</i>	-28.43	
08 14 23 19-0085	EA 2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	354.31	66.91
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	26.46	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	119.07	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	165.38	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	264.60	
	<i>For >50 To 100, Deduct</i>	-21.06	
	<i>For >100, Deduct</i>	-29.92	
08 14 23 19-0086	EA 2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	366.35	66.91
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	27.90	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	125.57	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	174.41	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	279.05	
	<i>For >50 To 100, Deduct</i>	-21.66	
	<i>For >100, Deduct</i>	-30.82	
08 14 23 19-0087	EA 2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	368.60	66.91
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	28.17	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	126.79	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	176.09	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	281.75	
	<i>For >50 To 100, Deduct</i>	-21.78	
	<i>For >100, Deduct</i>	-30.99	
08 14 23 19-0088	EA 3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	376.69	69.82
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	28.45	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	128.01	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	177.80	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	284.47	
	<i>For >50 To 100, Deduct</i>	-22.33	
	<i>For >100, Deduct</i>	-31.74	
08 14 23 19-0089	EA 3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	402.82	69.82
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	31.58	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	142.12	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	197.39	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	315.83	
	<i>For >50 To 100, Deduct</i>	-23.63	
	<i>For >100, Deduct</i>	-33.70	
08 14 23 19-0090	EA 3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	456.35	72.73
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	37.31	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	167.89	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	233.18	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	373.08	
	<i>For >50 To 100, Deduct</i>	-26.45	
	<i>For >100, Deduct</i>	-37.86	
08 14 23 19-0091	EA 3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	471.91	72.73
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	39.18	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	176.29	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	244.85	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	391.75	
	<i>For >50 To 100, Deduct</i>	-27.23	
	<i>For >100, Deduct</i>	-39.03	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 14 23 19-0092	EA		4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	502.98 42.90 193.07 268.15 429.04 -28.79 -41.36	72.73
08 14 23 19-0093	EA		2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	348.57 26.47 119.11 165.43 264.68 -20.63 -29.34	64.00
08 14 23 19-0094	EA		2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	348.57 26.47 119.11 165.43 264.68 -20.63 -29.34	64.00
08 14 23 19-0095	EA		2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	367.15 28.00 126.00 175.01 280.01 -21.70 -30.88	66.91
08 14 23 19-0096	EA		2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	379.90 29.53 132.89 184.57 295.31 -22.34 -31.84	66.91
08 14 23 19-0097	EA		2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	382.27 29.82 134.17 186.35 298.15 -22.46 -32.02	66.91
08 14 23 19-0098	EA		3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	390.49 30.10 135.46 188.15 301.03 -23.02 -32.78	69.82
08 14 23 19-0099	EA		3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	418.13 33.42 150.39 208.88 334.20 -24.40 -34.85	69.82
08 14 23 19-0100	EA		3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	474.44 39.48 177.65 246.74 394.79 -27.36 -39.22	72.73
08 14 23 19-0101	EA		3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	490.90 41.45 186.54 259.09 414.54 -28.18 -40.45	72.73
08 14 23 19-0102	EA		4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	523.79 45.40 204.30 283.76 454.01 -29.83 -42.92	72.73

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 23 19-0103	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	391.57	64.00
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	31.63	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	142.33	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	197.68	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	316.28	
		<i>For >50 To 100, Deduct</i>	-22.78	
		<i>For >100, Deduct</i>	-32.57	
08 14 23 19-0104	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	391.57	64.00
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	31.63	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	142.33	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	197.68	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	316.28	
		<i>For >50 To 100, Deduct</i>	-22.78	
		<i>For >100, Deduct</i>	-32.57	
08 14 23 19-0105	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	412.66	66.91
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	33.46	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	150.58	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	209.14	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	334.62	
		<i>For >50 To 100, Deduct</i>	-23.98	
		<i>For >100, Deduct</i>	-34.29	
08 14 23 19-0106	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	427.90	66.91
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	35.29	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	158.81	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	220.57	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	352.91	
		<i>For >50 To 100, Deduct</i>	-24.74	
		<i>For >100, Deduct</i>	-35.44	
08 14 23 19-0107	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	430.72	66.91
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	35.63	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	160.33	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	222.68	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	356.29	
		<i>For >50 To 100, Deduct</i>	-24.88	
		<i>For >100, Deduct</i>	-35.65	
08 14 23 19-0108	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	439.42	69.82
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	35.97	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	161.89	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	224.84	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	359.75	
		<i>For >50 To 100, Deduct</i>	-25.46	
		<i>For >100, Deduct</i>	-36.45	
08 14 23 19-0109	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	472.43	69.82
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	39.94	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	179.71	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	249.60	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	399.36	
		<i>For >50 To 100, Deduct</i>	-27.11	
		<i>For >100, Deduct</i>	-38.92	
08 14 23 19-0110	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	538.58	72.73
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	47.18	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	212.29	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	294.85	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	471.76	
		<i>For >50 To 100, Deduct</i>	-30.57	
		<i>For >100, Deduct</i>	-44.03	
08 14 23 19-0111	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	558.28	72.73
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	49.54	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	222.93	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	309.62	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	495.40	
		<i>For >50 To 100, Deduct</i>	-31.55	
		<i>For >100, Deduct</i>	-45.51	
08 14 23 19-0112	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	597.57	72.73
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	54.25	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	244.14	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	339.09	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	542.54	
		<i>For >50 To 100, Deduct</i>	-33.51	
		<i>For >100, Deduct</i>	-48.45	

08 14 66 Wood Screen Doors (08 14)**08 14 66 00-0001 Wood Screen Storm Door, Residential Grade** (08 14 66)

Note: Includes frame, trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).

08 14 66 00-0002	EA	2'-8" x 6'-8" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware.....	549.11	167.56
08 14 66 00-0003	EA	3' x 6'-8" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware.....	574.96	186.18
08 14 66 00-0004	EA	2'-8" x 7" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware.....	549.11	167.56
08 14 66 00-0005	EA	3' x 7" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware.....	574.96	186.18

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 14 73 Sliding Wood Doors (08 14)

08 14 73 00-0001	Sliding Pocket Door (08 14 73)		
	Note: Includes unfinished door, frame and trim, and all mounting and door hardware. See CSI section 08 14 73 00-0055 for accessories to be added.		
08 14 73 00-0002	Birch Faced Pocket Door (08 14 73 00-0001)		
	Note: Includes door, frame and trim, and all mounting and door hardware.		
08 14 73 00-0003	1-3/8" Thick, Birch Faced Wood Pocket Door (08 14 73 00-0002)		
	See CSI section 08 14 73 00-0055 for all jambes and track hardware.		
08 14 73 00-0004	6'-8" High, 1-3/8" Thick, Birch Faced Wood Pocket Door (08 14 73 00-0003)		
08 14 73 00-0005	EA 2'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	609.80	40.73
	For Oak, Add	145.83	
	For Ash/Hickory, Add	212.40	
	For Walnut, Add	309.62	
	For Cherry, Add	503.53	
08 14 73 00-0006	EA 2'-4" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	628.43	43.64
	For Oak, Add	149.36	
	For Ash/Hickory, Add	217.55	
	For Walnut, Add	317.13	
	For Cherry, Add	515.74	
08 14 73 00-0007	EA 2'-6" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	650.23	46.55
	For Oak, Add	153.78	
	For Ash/Hickory, Add	223.99	
	For Walnut, Add	326.51	
	For Cherry, Add	530.99	
08 14 73 00-0008	EA 2'-8" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	665.67	49.46
	For Oak, Add	156.43	
	For Ash/Hickory, Add	227.85	
	For Walnut, Add	332.14	
	For Cherry, Add	540.15	
08 14 73 00-0009	EA 2'-10" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	687.52	52.37
	For Oak, Add	160.85	
	For Ash/Hickory, Add	234.29	
	For Walnut, Add	341.52	
	For Cherry, Add	555.41	
08 14 73 00-0010	EA 3'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	706.14	55.28
	For Oak, Add	164.39	
	For Ash/Hickory, Add	239.44	
	For Walnut, Add	349.03	
	For Cherry, Add	567.62	
08 14 73 00-0011	EA 4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	1,202.18	72.73
	For Oak, Add	291.66	
	For Ash/Hickory, Add	424.81	
	For Walnut, Add	619.24	
	For Cherry, Add	1,007.06	
08 14 73 00-0012	EA 5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	1,271.45	78.55
	For Oak, Add	307.57	
	For Ash/Hickory, Add	447.98	
	For Walnut, Add	653.02	
	For Cherry, Add	1,061.99	
08 14 73 00-0013	EA 6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	1,359.95	84.36
	For Oak, Add	328.78	
	For Ash/Hickory, Add	478.87	
	For Walnut, Add	698.05	
	For Cherry, Add	1,135.23	
08 14 73 00-0014	7' High, 1-3/8" Thick Birch Faced Wood Pocket Door (08 14 73 00-0003)		
08 14 73 00-0015	EA 2'-0" x 7" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	721.88	40.73
	For Oak, Add	149.86	
	For Ash/Hickory, Add	149.86	
	For Walnut, Add	246.57	
	For Cherry, Add	463.04	
08 14 73 00-0016	EA 2'-4" x 7" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	756.52	43.64
	For Oak, Add	156.61	
	For Ash/Hickory, Add	156.61	
	For Walnut, Add	257.67	
	For Cherry, Add	483.87	
08 14 73 00-0017	EA 2'-6" x 7" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	781.52	46.55
	For Oak, Add	161.10	
	For Ash/Hickory, Add	161.10	
	For Walnut, Add	265.06	
	For Cherry, Add	497.76	
08 14 73 00-0018	EA 2'-8" x 7" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	803.36	49.46
	For Oak, Add	164.85	
	For Ash/Hickory, Add	164.85	
	For Walnut, Add	271.22	
	For Cherry, Add	509.34	
08 14 73 00-0019	EA 2'-10" x 7" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	822.01	52.37
	For Oak, Add	167.85	
	For Ash/Hickory, Add	167.85	
	For Walnut, Add	276.16	
	For Cherry, Add	518.60	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 14 73 00-0020	EA 3'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	847.04	55.28
	For Oak, Add	172.34	
	For Ash/Hickory, Add	172.34	
	For Walnut, Add	283.56	
	For Cherry, Add	532.50	
08 14 73 00-0021	EA 4' Wide, Two 2'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,426.33	72.73
	For Oak, Add	299.73	
	For Ash/Hickory, Add	299.73	
	For Walnut, Add	493.14	
	For Cherry, Add	926.08	
08 14 73 00-0022	EA 5' Wide, Two 2'-6" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,534.03	78.55
	For Oak, Add	322.21	
	For Ash/Hickory, Add	322.21	
	For Walnut, Add	530.13	
	For Cherry, Add	995.53	
08 14 73 00-0023	EA 6' Wide, Two 3' x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,641.74	84.36
	For Oak, Add	344.68	
	For Ash/Hickory, Add	344.68	
	For Walnut, Add	567.11	
	For Cherry, Add	1,064.99	
08 14 73 00-0024	1-3/4" Thick, Birch Faced Wood Pocket Door <small>(08 14 73 00-0002)</small>		
	See CSI section 08 14 73 00-0055 for all jambs and track hardware.		
08 14 73 00-0025	6'-8" High, 1-3/4" Thick Birch Faced Wood Pocket Door <small>(08 14 73 00-0024)</small>		
08 14 73 00-0026	EA 2'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	914.01	40.73
	For Oak, Add	194.82	
	For Ash/Hickory, Add	194.82	
	For Walnut, Add	320.54	
	For Cherry, Add	601.95	
08 14 73 00-0027	EA 2'-4" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	958.26	43.64
	For Oak, Add	203.81	
	For Ash/Hickory, Add	203.81	
	For Walnut, Add	335.34	
	For Cherry, Add	629.73	
08 14 73 00-0028	EA 2'-6" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	983.26	46.55
	For Oak, Add	208.31	
	For Ash/Hickory, Add	208.31	
	For Walnut, Add	342.73	
	For Cherry, Add	643.62	
08 14 73 00-0029	EA 2'-8" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,011.51	49.46
	For Oak, Add	213.56	
	For Ash/Hickory, Add	213.56	
	For Walnut, Add	351.36	
	For Cherry, Add	659.83	
08 14 73 00-0030	EA 2'-10" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,036.56	52.37
	For Oak, Add	218.05	
	For Ash/Hickory, Add	218.05	
	For Walnut, Add	358.76	
	For Cherry, Add	673.72	
08 14 73 00-0031	EA 3'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,061.58	55.28
	For Oak, Add	222.55	
	For Ash/Hickory, Add	222.55	
	For Walnut, Add	366.15	
	For Cherry, Add	687.61	
08 14 73 00-0032	EA 4' Wide, Two 2'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,810.59	72.73
	For Oak, Add	389.64	
	For Ash/Hickory, Add	389.64	
	For Walnut, Add	641.08	
	For Cherry, Add	1,203.90	
08 14 73 00-0033	EA 5' Wide, Two 2'-6" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,937.50	78.55
	For Oak, Add	416.62	
	For Ash/Hickory, Add	416.62	
	For Walnut, Add	685.46	
	For Cherry, Add	1,287.24	
08 14 73 00-0034	EA 6' Wide, Two 3'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	2,070.84	84.36
	For Oak, Add	445.09	
	For Ash/Hickory, Add	445.09	
	For Walnut, Add	732.31	
	For Cherry, Add	1,375.23	
08 14 73 00-0035	7' High, 1-3/4" Thick Birch Faced Wood Pocket Door <small>(08 14 73 00-0024)</small>		
08 14 73 00-0036	EA 2'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	978.06	40.73
	For Oak, Add	209.81	
	For Ash/Hickory, Add	209.81	
	For Walnut, Add	345.20	
	For Cherry, Add	648.26	
08 14 73 00-0037	EA 2'-4" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,028.71	43.64
	For Oak, Add	220.30	
	For Ash/Hickory, Add	220.30	
	For Walnut, Add	362.46	
	For Cherry, Add	680.67	
08 14 73 00-0038	EA 2'-6" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,056.91	46.55
	For Oak, Add	225.54	
	For Ash/Hickory, Add	225.54	
	For Walnut, Add	371.09	
	For Cherry, Add	696.87	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0039	EA		2'-8" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door For Oak, Add For Ash/Hickory, Add For Walnut, Add For Cherry, Add	1,085.16 230.79 230.79 379.72 713.08	49.46
08 14 73 00-0040	EA		2'-10" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door For Oak, Add For Ash/Hickory, Add For Walnut, Add For Cherry, Add	1,110.21 235.28 235.28 387.11 726.97	52.37
08 14 73 00-0041	EA		3'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door For Oak, Add For Ash/Hickory, Add For Walnut, Add For Cherry, Add	1,138.44 240.53 240.53 395.75 743.18	55.28
08 14 73 00-0042	EA		4' Wide, Two 2'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door For Oak, Add For Ash/Hickory, Add For Walnut, Add For Cherry, Add	1,938.68 419.62 419.62 690.39 1,296.51	72.73
08 14 73 00-0043	EA		5' Wide, Two 2'-6" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door For Oak, Add For Ash/Hickory, Add For Walnut, Add For Cherry, Add	2,084.80 451.09 451.09 742.17 1,393.74	78.55
08 14 73 00-0044	EA		6' Wide, Two 3'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door For Oak, Add For Ash/Hickory, Add For Walnut, Add For Cherry, Add	2,224.54 481.06 481.06 791.49 1,486.35	84.36
08 14 73 00-0045			8' High, 1-3/4" Thick Birch Faced Wood Pocket Door <small>(08 14 73 00-0024)</small>		
08 14 73 00-0046	EA		2'-0" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced For Oak, Add For Ash/Hickory, Add For Walnut, Add For Cherry, Add	1,042.10 224.79 224.79 369.85 694.56	40.73
08 14 73 00-0047	EA		2'-4" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door For Oak, Add For Ash/Hickory, Add For Walnut, Add For Cherry, Add	1,092.75 235.28 235.28 387.11 726.97	43.64
08 14 73 00-0048	EA		2'-6" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door For Oak, Add For Ash/Hickory, Add For Walnut, Add For Cherry, Add	1,124.16 241.28 241.28 396.98 745.49	46.55
08 14 73 00-0049	EA		2'-8" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door For Oak, Add For Ash/Hickory, Add For Walnut, Add For Cherry, Add	1,155.61 247.27 247.27 406.84 764.02	49.46
08 14 73 00-0050	EA		2'-10" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door For Oak, Add For Ash/Hickory, Add For Walnut, Add For Cherry, Add	1,180.66 251.77 251.77 414.24 777.90	52.37
08 14 73 00-0051	EA		3'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door For Oak, Add For Ash/Hickory, Add For Walnut, Add For Cherry, Add	1,212.09 257.77 257.77 424.10 796.43	55.28
08 14 73 00-0052	EA		4' Wide, Two 2'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door For Oak, Add For Ash/Hickory, Add For Walnut, Add For Cherry, Add	2,066.77 449.59 449.59 739.71 1,389.11	72.73
08 14 73 00-0053	EA		5' Wide, Two 2'-6" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door For Oak, Add For Ash/Hickory, Add For Walnut, Add For Cherry, Add	2,219.30 482.56 482.56 793.95 1,490.99	78.55
08 14 73 00-0054	EA		6' Wide, Two 3'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door For Oak, Add For Ash/Hickory, Add For Walnut, Add For Cherry, Add	2,371.84 515.53 515.53 848.20 1,592.85	84.36
08 14 73 00-0055			Accessories <small>(08 14 73 00-0001)</small>		
08 14 73 00-0056			Jamb Replacement <small>(08 14 73 00-0055)</small>		
08 14 73 00-0057	EA		4-9/16 Or 4-3/4" Birch Jamb Replacement For Pocket Doors For Oak, Add For Ash/Hickory, Add For Walnut, Add For Cherry, Add	122.28 7.24 11.35 24.81 39.29	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 14 73 00-0058	EA	5-1/4" Birch Jamb Replacement For Pocket Doors.....	124.35	
		<i>For Oak, Add</i>	7.48	
		<i>For Ash/Hickory, Add</i>	11.71	
		<i>For Walnut, Add</i>	25.61	
		<i>For Cherry, Add</i>	40.56	
08 14 73 00-0059	EA	6-9/16" Or 6-3/4" Birch Jamb Replacement For Pocket Doors	137.79	
		<i>For Oak, Add</i>	9.00	
		<i>For Ash/Hickory, Add</i>	14.09	
		<i>For Walnut, Add</i>	30.81	
		<i>For Cherry, Add</i>	48.80	
08 14 73 00-0060		Track And Hardware Replacement Kits <small>(08 14 73 00-0055)</small>		
		Note: For double doors, use 2 appropriate sized hardware and 1 converging kit.		
08 14 73 00-0061	EA	Up To 2'-6" x 6'-8" Door Track And Hardware Replacement For Pocket Door	415.77	
08 14 73 00-0062	EA	2'-8" x 6'-8" Door Track And Hardware Replacement For Pocket Door	419.87	
08 14 73 00-0063	EA	3'-0" x 6'-8" Door Track And Hardware Replacement For Pocket Door	428.09	
08 14 73 00-0064	EA	Up To 2'-6" x 7' Door Track And Hardware Replacement For Pocket Door	506.10	
08 14 73 00-0065	EA	2'-8" x 7' Door Track And Hardware Replacement For Pocket Door.....	510.21	
08 14 73 00-0066	EA	3'-0" x 7' Door Track And Hardware Replacement For Pocket Door.....	518.42	
08 14 73 00-0067	EA	Up To 2'-6" x 8' Door Track And Hardware.....	547.16	
08 14 73 00-0068	EA	2'-8" x 8' Door Track And Hardware Replacement For Pocket Door.....	551.27	
08 14 73 00-0069	EA	3'-0" x 8' Door Track And Hardware Replacement For Pocket Door.....	559.48	
08 14 73 00-0070	EA	Double Door Converging Kit For Pocket Door	58.52	
08 14 73 00-0071		Bi-Pass Doors <small>(08 14 73)</small>		
		Note: Includes unfinished doors, fascia track, hangers, door guide, door stop, and pulls. 125 LB maximum door weight (each opening).		
08 14 73 00-0072		Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors <small>(08 14 73 00-0071)</small>		
08 14 73 00-0073	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors.....	442.08	93.05
08 14 73 00-0074	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors.....	485.71	98.86
08 14 73 00-0075	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors.....	529.86	104.68
08 14 73 00-0076	EA	8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors.....	727.89	110.50
08 14 73 00-0077		Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors <small>(08 14 73 00-0071)</small>		
08 14 73 00-0078	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors.....	412.43	93.05
08 14 73 00-0079	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors.....	439.47	98.86
08 14 73 00-0080	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors.....	478.98	104.68
08 14 73 00-0081	EA	8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors.....	668.59	110.50
08 14 73 00-0082		Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors <small>(08 14 73 00-0071)</small>		
08 14 73 00-0083	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors	442.91	93.05
08 14 73 00-0084	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors	483.65	98.86
08 14 73 00-0085	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors	526.44	104.68
08 14 73 00-0086	EA	8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors	729.56	110.50
08 14 76 Bifolding Wood Doors <small>(08 14)</small>				
08 14 76 00-0001		Bi-Fold Wood Doors <small>(08 14 76)</small>		
		Note: Includes doors, track, top and bottom pivots, door guide, track stop, panel hinge, bottom pivot bracket, top pivot lock, and 4-door aligner (when necessary). Excludes door frame and knobs.		
08 14 76 00-0002		Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors <small>(08 14 76 00-0001)</small>		
08 14 76 00-0003	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	212.15	69.79
08 14 76 00-0004	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	223.78	75.61
08 14 76 00-0005	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	240.26	81.42
08 14 76 00-0006	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	251.89	87.23
08 14 76 00-0007	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors.....	325.40	93.05
08 14 76 00-0008	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors.....	337.03	98.86
08 14 76 00-0009	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors.....	358.92	104.68
08 14 76 00-0010		Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors <small>(08 14 76 00-0001)</small>		
08 14 76 00-0011	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	224.00	69.79
08 14 76 00-0012	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	239.51	75.61
08 14 76 00-0013	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	258.60	81.42
08 14 76 00-0014	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	270.23	87.23
08 14 76 00-0015	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors.....	350.75	93.05
08 14 76 00-0016	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors.....	376.55	98.86
08 14 76 00-0017	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors.....	403.84	104.68
08 14 76 00-0018		Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors <small>(08 14 76 00-0001)</small>		
08 14 76 00-0019	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	224.54	69.79
08 14 76 00-0020	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	247.10	75.61
08 14 76 00-0021	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	265.59	81.42

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 14 76 00-0022	EA			3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	277.22	87.23
08 14 76 00-0023	EA			4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	356.87	93.05
08 14 76 00-0024	EA			5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	370.96	98.86
08 14 76 00-0025	EA			6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	403.84	104.68

08 14 76 00-0026 Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors (08 14 76 00-0001)

08 14 76 00-0027	EA			2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors.....	576.53	69.79
08 14 76 00-0028	EA			2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors.....	658.76	75.61
08 14 76 00-0029	EA			2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors.....	752.44	81.42
08 14 76 00-0030	EA			3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors.....	764.07	87.23
08 14 76 00-0031	EA			4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors.....	1,060.01	93.05
08 14 76 00-0032	EA			5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors.....	1,212.84	98.86
08 14 76 00-0033	EA			6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors.....	1,388.57	104.68

08 14 76 00-0034 Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors (08 14 76 00-0001)

08 14 76 00-0035	EA			2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	738.72	69.79
08 14 76 00-0036	EA			2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	801.87	75.61
08 14 76 00-0037	EA			2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	876.46	81.42
08 14 76 00-0038	EA			3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	888.09	87.23
08 14 76 00-0039	EA			4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	1,384.39	93.05
08 14 76 00-0040	EA			5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	1,499.05	98.86
08 14 76 00-0041	EA			6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	1,636.62	104.68

08 14 76 00-0042 Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors (08 14 76 00-0001)

08 14 76 00-0043	EA			2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors.....	216.32	69.79
08 14 76 00-0044	EA			2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors.....	232.82	75.61
08 14 76 00-0045	EA			2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors.....	254.76	81.42
08 14 76 00-0046	EA			3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors.....	257.70	87.23
08 14 76 00-0047	EA			4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors.....	318.54	93.05
08 14 76 00-0048	EA			5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors.....	343.79	98.86
08 14 76 00-0049	EA			6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors.....	384.85	104.68

08 15 Plastic Doors (08 10)

Note: Includes machining for all hardware, except mortised locks. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 16 Composite Doors (08 10)

Note: Includes machining for all hardware. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 16 13 Fiberglass Doors (08 16)

See CSI section 08 70 00 00-0000 for finish hardware.

08 16 13 00-0001				Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Frames And Doors <small>(08 16 13)</small>		
08 16 13 00-0002				Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0001)</small>		
08 16 13 00-0003				Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0002)</small>		
08 16 13 00-0004				Standard, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0003)</small>		
				Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0005				6'-8" High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0004)</small>		
08 16 13 00-0006	EA			3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,069.01	69.82
				For Custom Color Finish, Add	159.43	
				For Stainless Steel Continuous Hinge, Add	354.87	
08 16 13 00-0007	EA			3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,276.03	72.73
				For Custom Color Finish, Add	159.43	
				For Stainless Steel Continuous Hinge, Add	354.87	
08 16 13 00-0008	EA			4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,591.18	78.55
				For Custom Color Finish, Add	159.43	
				For Stainless Steel Continuous Hinge, Add	354.87	
08 16 13 00-0009				7' High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0004)</small>		

08 Openings**08 10 Doors and Frames****08 16 Composite Doors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 16 13 00-0010	EA 3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,069.01 159.43 354.87	69.82
08 16 13 00-0011	EA 3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,357.88 159.43 354.87	72.73
08 16 13 00-0012	EA 4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,678.14 159.43 354.87	78.55
08 16 13 00-0013	Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0003)</small> Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0014	45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0013)</small>		
08 16 13 00-0015	6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0014)</small>		
08 16 13 00-0016	EA 3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,641.93 159.43 354.87	69.82
08 16 13 00-0017	EA 3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,717.66 159.43 354.87	72.73
08 16 13 00-0018	EA 4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	4,239.12 159.43 354.87	78.55
08 16 13 00-0019	7' High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0014)</small>		
08 16 13 00-0020	EA 3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,641.93 159.43 354.87	69.82
08 16 13 00-0021	EA 3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,983.65 159.43 354.87	72.73
08 16 13 00-0022	EA 4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	4,338.02 159.43 354.87	78.55
08 16 13 00-0023	60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0013)</small>		
08 16 13 00-0024	6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0023)</small>		
08 16 13 00-0025	EA 3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,641.93 159.43 354.87	69.82
08 16 13 00-0026	EA 3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,717.66 159.43 354.87	72.73
08 16 13 00-0027	EA 4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	4,239.12 159.43 354.87	78.55
08 16 13 00-0028	7' High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0023)</small>		
08 16 13 00-0029	EA 3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,641.93 159.43 354.87	69.82
08 16 13 00-0030	EA 3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,983.65 159.43 354.87	72.73
08 16 13 00-0031	EA 4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	4,338.02 159.43 354.87	78.55

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 16 13 00-0032				90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0013)</small>		
08 16 13 00-0033				6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0032)</small>		
08 16 13 00-0034	EA			3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,641.93	69.82
				<i>For Custom Color Finish, Add</i>	159.43	
				<i>For Stainless Steel Continuous Hinge, Add</i>	354.87	
08 16 13 00-0035	EA			3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,717.66	72.73
				<i>For Custom Color Finish, Add</i>	159.43	
				<i>For Stainless Steel Continuous Hinge, Add</i>	354.87	
08 16 13 00-0036	EA			4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	4,239.12	78.55
				<i>For Custom Color Finish, Add</i>	159.43	
				<i>For Stainless Steel Continuous Hinge, Add</i>	354.87	
08 16 13 00-0037				7' High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0032)</small>		
08 16 13 00-0038	EA			3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,641.93	69.82
				<i>For Custom Color Finish, Add</i>	159.43	
				<i>For Stainless Steel Continuous Hinge, Add</i>	354.87	
08 16 13 00-0039	EA			3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,983.65	72.73
				<i>For Custom Color Finish, Add</i>	159.43	
				<i>For Stainless Steel Continuous Hinge, Add</i>	354.87	
08 16 13 00-0040	EA			4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	4,338.02	78.55
				<i>For Custom Color Finish, Add</i>	159.43	
				<i>For Stainless Steel Continuous Hinge, Add</i>	354.87	
08 16 13 00-0041				Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0003)</small> Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0042				6'-8" High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0041)</small>		
08 16 13 00-0043	EA			3' x 6'-8", Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,244.64	69.82
				<i>For Custom Color Finish, Add</i>	159.43	
				<i>For Stainless Steel Continuous Hinge, Add</i>	354.87	
08 16 13 00-0044				7' High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0041)</small>		
08 16 13 00-0045	EA			3' x 7', Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,244.64	69.82
				<i>For Custom Color Finish, Add</i>	159.43	
				<i>For Stainless Steel Continuous Hinge, Add</i>	354.87	
08 16 13 00-0046				Accessories For Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors (Chem-Pruf) <small>(08 16 13 00-0002)</small>		
08 16 13 00-0047	SI			1/4" Tempered, Factory Installed Vision Glass (Chem-Pruf).....	0.44	
08 16 13 00-0048	SI			1/4" Laminated, Factory Installed Vision Glass (Chem-Pruf).....	0.45	
08 16 13 00-0049	SI			1/4" Wire, Factory Installed Vision Glass (Chem-Pruf).....	0.58	
08 16 13 00-0050	SI			1/2" Insulated, Factory Installed Vision Glass (Chem-Pruf).....	0.56	
08 16 13 00-0051	SI			Factory Installed Molded Louver (Chem-Pruf).....	1.12	
08 16 13 00-0052	SI			Factory Installed Molded Louver With Insect Screen (Chem-Pruf).....	1.26	
08 16 13 00-0053	LF			Weather Strip (Chem-Pruf).....	11.94	
08 16 13 00-0054	LF			Fiberglass Reinforced Polyester (FRP) Astragal With Seal (Chem-Pruf).....	15.35	
08 16 13 00-0055	LF			1/2" Fiberglass Reinforced Polyester (FRP) Grooved Saddle Threshold (Chem-Pruf).....	32.40	
08 16 13 00-0056	LF			Fiberglass Reinforced Polyester (FRP) Door Sweep (Chem-Pruf).....	35.81	
08 16 13 00-0057	LF			2-1/4" Fiberglass Reinforced Polyester (FRP) Center Door Mullion (Chem-Pruf).....	69.91	
08 16 13 00-0058				Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0001)</small>		
08 16 13 00-0059				Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0058)</small> Note: White, tan, brown or gray finish. Includes factory hardware prep.		
08 16 13 00-0060				Standard, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0059)</small> Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0061				6'-8" High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0060)</small>		

08 Openings**08 10 Doors and Frames****08 16 Composite Doors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 16 13 00-0062	EA 3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	2,347.03 159.43 354.87	69.82
08 16 13 00-0063	EA 3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	2,379.67 159.43 354.87	72.73
08 16 13 00-0064	EA 4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	2,494.47 159.43 354.87	78.55
08 16 13 00-0065	7' High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0060)		
08 16 13 00-0066	EA 3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	2,347.03 159.43 354.87	69.82
08 16 13 00-0067	EA 3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	2,482.83 159.43 354.87	72.73
08 16 13 00-0068	EA 4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	2,494.47 159.43 354.87	78.55
08 16 13 00-0069	Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0059) Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0070	45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0069)		
08 16 13 00-0071	6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0070)		
08 16 13 00-0072	EA 3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,894.42 159.43 354.87	69.82
08 16 13 00-0073	EA 3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,974.51 159.43 354.87	72.73
08 16 13 00-0074	EA 4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	4,163.59 159.43 354.87	78.55
08 16 13 00-0075	7' High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0070)		
08 16 13 00-0076	EA 3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,894.42 159.43 354.87	69.82
08 16 13 00-0077	EA 3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	4,003.40 159.43 354.87	72.73
08 16 13 00-0078	EA 4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	4,252.30 159.43 354.87	78.55
08 16 13 00-0079	60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0069)		
08 16 13 00-0080	6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0079)		
08 16 13 00-0081	EA 3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,894.42 159.43 354.87	69.82
08 16 13 00-0082	EA 3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,974.51 159.43 354.87	72.73
08 16 13 00-0083	EA 4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	4,163.59 159.43 354.87	78.55
08 16 13 00-0084	7' High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0079)		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 16 13 00-0085	EA			3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	3,894.42	69.82
				<i>For Custom Color Finish, Add</i>	159.43	
				<i>For Stainless Steel Continuous Hinge, Add</i>	354.87	
08 16 13 00-0086	EA			3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	4,003.40	72.73
				<i>For Custom Color Finish, Add</i>	159.43	
				<i>For Stainless Steel Continuous Hinge, Add</i>	354.87	
08 16 13 00-0087	EA			4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	4,252.30	78.55
				<i>For Custom Color Finish, Add</i>	159.43	
				<i>For Stainless Steel Continuous Hinge, Add</i>	354.87	
08 16 13 00-0088				90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0069)</small>		
08 16 13 00-0089				6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0088)</small>		
08 16 13 00-0090	EA			3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	3,894.42	69.82
				<i>For Custom Color Finish, Add</i>	159.43	
				<i>For Stainless Steel Continuous Hinge, Add</i>	354.87	
08 16 13 00-0091	EA			3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	3,974.51	72.73
				<i>For Custom Color Finish, Add</i>	159.43	
				<i>For Stainless Steel Continuous Hinge, Add</i>	354.87	
08 16 13 00-0092	EA			4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	4,163.59	78.55
				<i>For Custom Color Finish, Add</i>	159.43	
				<i>For Stainless Steel Continuous Hinge, Add</i>	354.87	
08 16 13 00-0093				7' High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0088)</small>		
08 16 13 00-0094	EA			3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	3,894.42	69.82
				<i>For Custom Color Finish, Add</i>	159.43	
				<i>For Stainless Steel Continuous Hinge, Add</i>	354.87	
08 16 13 00-0095	EA			3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	4,003.40	72.73
				<i>For Custom Color Finish, Add</i>	159.43	
				<i>For Stainless Steel Continuous Hinge, Add</i>	354.87	
08 16 13 00-0096	EA			4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	4,252.30	78.55
				<i>For Custom Color Finish, Add</i>	159.43	
				<i>For Stainless Steel Continuous Hinge, Add</i>	354.87	
08 16 13 00-0097				Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0059)</small> <small>Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.</small>		
08 16 13 00-0098				6'-8" High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0097)</small>		
08 16 13 00-0099	EA			3' x 6'-8", Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	2,656.51	69.82
				<i>For Custom Color Finish, Add</i>	159.43	
				<i>For Stainless Steel Continuous Hinge, Add</i>	354.87	
08 16 13 00-0100				7' High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0097)</small>		
08 16 13 00-0101	EA			3' x 7', Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	2,656.51	69.82
				<i>For Custom Color Finish, Add</i>	159.43	
				<i>For Stainless Steel Continuous Hinge, Add</i>	354.87	
08 16 13 00-0102				Accessories For Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors (Skule Door) <small>(08 16 13 00-0058)</small>		
08 16 13 00-0103	SI			1/4" Tempered, Factory Installed Vision Glass (Skule Door).....	0.97	
08 16 13 00-0104	SI			1/4" Laminated, Factory Installed Vision Glass (Skule Door).....	1.00	
08 16 13 00-0105	SI			1/4" Wire, Factory Installed Vision Glass (Skule Door).....	1.06	
08 16 13 00-0106	SI			1/2" Insulated, Factory Installed Vision Glass (Skule Door).....	1.52	
08 16 13 00-0107	SI			Factory Installed Molded Louver (Skule Door).....	0.60	
08 16 13 00-0108	SI			Factory Installed Molded Louver With Insect Screen (Skule Door).....	0.96	
08 16 13 00-0109	LF			Weather Strip (Skule Door).....	8.25	
08 16 13 00-0110	LF			Fiberglass Reinforced Polyester (FRP) Astragal With Seal (Skule Door).....	10.32	
08 16 13 00-0111	LF			1/2" Fiberglass Reinforced Polyester (FRP) Grooved Saddle Threshold (Skule Door).....	33.01	
08 16 13 00-0112	LF			Fiberglass Reinforced Polyester (FRP) Door Sweep (Skule Door).....	117.60	
08 16 13 00-0113	LF			2-1/4" Fiberglass Reinforced Polyester (FRP) Center Door Mullion (Skule Door).....	45.39	
08 16 13 00-0114				Galvanized Insulated Poly Core Composite Doors <small>(08 16 13)</small>		
08 16 13 00-0115	EA			3'-0" x 7'-0" x 1-3/4" Thick, Flush, 18 Gauge, Galvanized, Insulated Poly Core Composite Door (Curries 707N).....	1,299.90	69.82

08 Openings**08 10 Doors and Frames****08 16 Composite Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
08 17 Integrated Door Opening Assemblies (08 10)**08 17 23 Integrated Metal Door Opening Assemblies** (08 17)**08 17 23 00-0001****Pre-Hung Interior Door Units** (08 17 23)

Note: Includes door, frame, and trim, all mounting hardware (standard duty ball bearing hinges). Excludes lockset. See CSI section 08 70 00 00-0000 for finish hardware.

08 17 23 00-0002**Hollow Core Doors, 1-3/8" Thick** (08 17 23 00-0001)**08 17 23 00-0003****Birch Faced** (08 17 23 00-0002)

08 17 23 00-0004	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	444.54	72.73
		<i>For 8' Door Height, Add</i>	71.78	
08 17 23 00-0005	EA	2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	462.91	72.73
		<i>For 8' Door Height, Add</i>	76.19	
08 17 23 00-0006	EA	2'-8" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	487.13	75.64
		<i>For 8' Door Height, Add</i>	80.61	
08 17 23 00-0007	EA	3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	498.41	78.55
		<i>For 8' Door Height, Add</i>	81.92	
08 17 23 00-0008	EA	3'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	531.74	78.55
		<i>For 8' Door Height, Add</i>	89.92	
08 17 23 00-0009	EA	3'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	561.56	81.45
		<i>For 8' Door Height, Add</i>	95.68	
08 17 23 00-0010	EA	Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	836.71	119.27
		<i>For 8' Door Height, Add</i>	143.56	
08 17 23 00-0011	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	890.95	128.00
		<i>For 8' Door Height, Add</i>	152.39	
08 17 23 00-0012	EA	Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	956.10	136.72
		<i>For 8' Door Height, Add</i>	163.83	

08 17 23 00-0013**Lauan Faced** (08 17 23 00-0002)

08 17 23 00-0014	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	405.41	72.73
		<i>For 8' Door Height, Add</i>	62.39	
08 17 23 00-0015	EA	2'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	423.04	72.73
		<i>For 8' Door Height, Add</i>	66.62	
08 17 23 00-0016	EA	2'-8" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	443.73	75.64
		<i>For 8' Door Height, Add</i>	70.19	
08 17 23 00-0017	EA	3' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	460.04	78.55
		<i>For 8' Door Height, Add</i>	72.71	
08 17 23 00-0018	EA	3'-4" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	489.01	78.55
		<i>For 8' Door Height, Add</i>	79.66	
08 17 23 00-0019	EA	3'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	516.05	81.45
		<i>For 8' Door Height, Add</i>	84.75	
08 17 23 00-0020	EA	Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	758.48	119.27
		<i>For 8' Door Height, Add</i>	124.78	
08 17 23 00-0021	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	811.11	128.00
		<i>For 8' Door Height, Add</i>	133.23	
08 17 23 00-0022	EA	Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	879.44	136.72
		<i>For 8' Door Height, Add</i>	145.44	

08 17 23 00-0023**Tempered Hardboard Faced** (08 17 23 00-0002)

08 17 23 00-0024	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	349.24	72.73
		<i>For 8' Door Height, Add</i>	48.91	
08 17 23 00-0025	EA	2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	364.10	72.73
		<i>For 8' Door Height, Add</i>	52.48	
08 17 23 00-0026	EA	2'-8" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	376.97	75.64
		<i>For 8' Door Height, Add</i>	54.17	
08 17 23 00-0027	EA	3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	396.90	78.55
		<i>For 8' Door Height, Add</i>	57.55	
08 17 23 00-0028	EA	3'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	423.26	78.55
		<i>For 8' Door Height, Add</i>	63.88	
08 17 23 00-0029	EA	3'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	446.12	81.45
		<i>For 8' Door Height, Add</i>	67.97	
08 17 23 00-0030	EA	Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	646.12	119.27
		<i>For 8' Door Height, Add</i>	97.82	
08 17 23 00-0031	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	693.27	128.00
		<i>For 8' Door Height, Add</i>	104.95	
08 17 23 00-0032	EA	Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	753.04	136.72
		<i>For 8' Door Height, Add</i>	115.11	

08 17 23 00-0033**Solid Core Doors, 1-3/8" Thick** (08 17 23 00-0001)**08 17 23 00-0034****Birch Faced** (08 17 23 00-0033)

08 17 23 00-0035	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	585.85	72.73
		<i>For 8' Door Height, Add</i>	105.70	
08 17 23 00-0036	EA	2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	609.01	72.73
		<i>For 8' Door Height, Add</i>	111.25	
08 17 23 00-0037	EA	2'-8" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	637.94	75.64
		<i>For 8' Door Height, Add</i>	116.80	
08 17 23 00-0038	EA	3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	671.96	78.55
		<i>For 8' Door Height, Add</i>	123.57	
08 17 23 00-0039	EA	3'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	728.49	78.55
		<i>For 8' Door Height, Add</i>	137.14	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0040	EA			3'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door..... <i>For 8' Door Height, Add</i>	784.26 149.12	81.45
08 17 23 00-0041	EA			Pair 2' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door..... <i>For 8' Door Height, Add</i>	1,119.35 211.39	119.27
08 17 23 00-0042	EA			Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door..... <i>For 8' Door Height, Add</i>	1,183.11 222.51	128.00
08 17 23 00-0043	EA			Pair 3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door..... <i>For 8' Door Height, Add</i>	1,303.17 247.14	136.72
08 17 23 00-0044				Lauan Faced <small>(08 17 23 00-0033)</small>		
08 17 23 00-0045	EA			2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door..... <i>For 8' Door Height, Add</i>	526.74 91.51	72.73
08 17 23 00-0046	EA			2'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door..... <i>For 8' Door Height, Add</i>	547.70 96.54	72.73
08 17 23 00-0047	EA			2'-8" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door..... <i>For 8' Door Height, Add</i>	574.46 101.57	75.64
08 17 23 00-0048	EA			3' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door..... <i>For 8' Door Height, Add</i>	601.44 106.64	78.55
08 17 23 00-0049	EA			3'-4" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door..... <i>For 8' Door Height, Add</i>	650.31 118.37	78.55
08 17 23 00-0050	EA			3'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door..... <i>For 8' Door Height, Add</i>	687.69 125.95	81.45
08 17 23 00-0051	EA			Pair 2' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door..... <i>For 8' Door Height, Add</i>	1,001.11 183.01	119.27
08 17 23 00-0052	EA			Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door..... <i>For 8' Door Height, Add</i>	1,060.52 193.09	128.00
08 17 23 00-0053	EA			Pair 3' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door..... <i>For 8' Door Height, Add</i>	1,162.12 213.29	136.72
08 17 23 00-0054				Tempered Hardboard Faced <small>(08 17 23 00-0033)</small>		
08 17 23 00-0055	EA			2'-0" - 2'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door..... <i>For 8' Door Height, Add</i>	474.09 78.87	72.73
08 17 23 00-0056	EA			2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door..... <i>For 8' Door Height, Add</i>	493.12 83.44	72.73
08 17 23 00-0057	EA			2'-8" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door..... <i>For 8' Door Height, Add</i>	518.03 88.02	75.64
08 17 23 00-0058	EA			3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door..... <i>For 8' Door Height, Add</i>	530.91 89.72	78.55
08 17 23 00-0059	EA			3'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door..... <i>For 8' Door Height, Add</i>	572.13 99.61	78.55
08 17 23 00-0060	EA			3'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door..... <i>For 8' Door Height, Add</i>	604.53 105.99	81.45
08 17 23 00-0061	PR			Pair 2' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door..... <i>For 8' Door Height, Add</i>	895.83 157.75	119.27
08 17 23 00-0062	PR			Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door..... <i>For 8' Door Height, Add</i>	951.32 166.88	128.00
08 17 23 00-0063	PR			Pair 3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door..... <i>For 8' Door Height, Add</i>	1,021.06 179.43	136.72
08 17 23 00-0064				Hollow Core Doors, 1-3/4" Thick <small>(08 17 23 00-0001)</small>		
08 17 23 00-0065				Birch Faced <small>(08 17 23 00-0064)</small>		
08 17 23 00-0066	EA			2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door..... <i>For 8' Door Height, Add</i>	519.26 89.71	72.73
08 17 23 00-0067	EA			2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door..... <i>For 8' Door Height, Add</i>	533.37 93.10	72.73
08 17 23 00-0068	EA			2'-8" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door..... <i>For 8' Door Height, Add</i>	544.41 94.35	75.64
08 17 23 00-0069	EA			3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door..... <i>For 8' Door Height, Add</i>	573.23 99.87	78.55
08 17 23 00-0070	EA			3'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door..... <i>For 8' Door Height, Add</i>	634.27 114.52	78.55
08 17 23 00-0071	EA			3'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door..... <i>For 8' Door Height, Add</i>	711.40 131.64	81.45
08 17 23 00-0072	EA			Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door..... <i>For 8' Door Height, Add</i>	986.21 179.43	119.27
08 17 23 00-0073	EA			Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door..... <i>For 8' Door Height, Add</i>	1,031.83 186.20	128.00
08 17 23 00-0074	EA			Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door..... <i>For 8' Door Height, Add</i>	1,105.75 199.75	136.72
08 17 23 00-0075				Lauan Faced <small>(08 17 23 00-0064)</small>		
08 17 23 00-0076	EA			2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door..... <i>For 8' Door Height, Add</i>	475.69 79.26	72.73
08 17 23 00-0077	EA			2'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door..... <i>For 8' Door Height, Add</i>	498.44 84.72	72.73
08 17 23 00-0078	EA			2'-8" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door..... <i>For 8' Door Height, Add</i>	522.73 89.15	75.64
08 17 23 00-0079	EA			3' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door..... <i>For 8' Door Height, Add</i>	535.86 90.90	78.55
08 17 23 00-0080	EA			3'-4" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door..... <i>For 8' Door Height, Add</i>	577.51 100.90	78.55
08 17 23 00-0081	EA			3'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door..... <i>For 8' Door Height, Add</i>	610.22 107.35	81.45

08 Openings**08 10 Doors and Frames****08 17 Integrated Door Opening Assemblies**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0082	EA		Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door..... <i>For 8' Door Height, Add</i>	899.04 158.52	119.27
08 17 23 00-0083	EA		Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door <i>For 8' Door Height, Add</i>	961.99 169.44	128.00
08 17 23 00-0084	EA		Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door..... <i>For 8' Door Height, Add</i>	1,031.01 181.81	136.72
08 17 23 00-0085			Tempered Hardboard Faced (08 17 23 00-0064)		
08 17 23 00-0086	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	399.35 60.94	72.73
08 17 23 00-0087	EA		2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	406.42 62.63	72.73
08 17 23 00-0088	EA		2'-8" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	426.35 66.02	75.64
08 17 23 00-0089	EA		3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door..... <i>For 8' Door Height, Add</i>	446.28 69.41	78.55
08 17 23 00-0090	EA		3'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	462.39 73.27	78.55
08 17 23 00-0091	EA		3'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	487.77 77.97	81.45
08 17 23 00-0092	EA		Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door..... <i>For 8' Door Height, Add</i>	746.32 121.87	119.27
08 17 23 00-0093	EA		Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	777.94 125.27	128.00
08 17 23 00-0094	EA		Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door..... <i>For 8' Door Height, Add</i>	851.86 138.82	136.72
08 17 23 00-0095			Solid Core Doors, 1-3/4" Thick (08 17 23 00-0001)		
08 17 23 00-0096			Birch Faced (08 17 23 00-0095)		
08 17 23 00-0097	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	653.29 121.88	72.73
08 17 23 00-0098	EA		2'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	674.43 126.96	72.73
08 17 23 00-0099	EA		2'-8" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	687.33 128.65	75.64
08 17 23 00-0100	EA		3' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	714.29 133.73	78.55
08 17 23 00-0101	EA		3'-4" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door..... <i>For 8' Door Height, Add</i>	775.58 148.44	78.55
08 17 23 00-0102	EA		3'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	843.29 163.29	81.45
08 17 23 00-0103	EA		Pair 2' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	1,254.22 243.77	119.27
08 17 23 00-0104	EA		Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door..... <i>For 8' Door Height, Add</i>	1,313.95 253.91	128.00
08 17 23 00-0105	EA		Pair 3' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	1,387.85 267.45	136.72
08 17 23 00-0106			Luan Faced (08 17 23 00-0095)		
08 17 23 00-0107	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Luan Faced Door <i>For 8' Door Height, Add</i>	664.44 124.56	72.73
08 17 23 00-0108	EA		2'-6" x 7' x 1-3/4" Prehung Solid Core, Luan Faced Door <i>For 8' Door Height, Add</i>	665.95 124.92	72.73
08 17 23 00-0109	EA		2'-8" x 7' x 1-3/4" Prehung Solid Core, Luan Faced Door <i>For 8' Door Height, Add</i>	686.72 128.51	75.64
08 17 23 00-0110	EA		3' x 7' x 1-3/4" Prehung Solid Core, Luan Faced Door..... <i>For 8' Door Height, Add</i>	703.37 131.11	78.55
08 17 23 00-0111	EA		3'-4" x 7' x 1-3/4" Prehung Solid Core, Luan Faced Door <i>For 8' Door Height, Add</i>	752.74 142.96	78.55
08 17 23 00-0112	EA		3'-6" x 7' x 1-3/4" Prehung Solid Core, Luan Faced Door <i>For 8' Door Height, Add</i>	796.67 152.10	81.45
08 17 23 00-0113	EA		Pair 2' x 7' x 1-3/4" Prehung Solid Core, Luan Faced Door <i>For 8' Door Height, Add</i>	1,276.56 249.12	119.27
08 17 23 00-0114	EA		Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Luan Faced Door..... <i>For 8' Door Height, Add</i>	1,297.00 249.84	128.00
08 17 23 00-0115	EA		Pair 3' x 7' x 1-3/4" Prehung Solid Core, Luan Faced Door <i>For 8' Door Height, Add</i>	1,366.02 262.21	136.72
08 17 23 00-0116			Tempered Hardboard Faced (08 17 23 00-0095)		
08 17 23 00-0117	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	547.48 96.49	72.73
08 17 23 00-0118	EA		2'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	554.51 98.17	72.73
08 17 23 00-0119	EA		2'-8" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	567.41 99.87	75.64
08 17 23 00-0120	EA		3' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door..... <i>For 8' Door Height, Add</i>	587.34 103.26	78.55
08 17 23 00-0121	EA		3'-4" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	618.90 110.83	78.55
08 17 23 00-0122	EA		3'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	654.29 117.93	81.45
08 17 23 00-0123	EA		Pair 2' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	1,042.59 192.97	119.27

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 17 23 00-0124	EA			Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	1,074.13 196.35	128.00
08 17 23 00-0125	EA			Pair 3' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	1,133.95 206.52	136.72
08 17 23 00-0126 Oak Or Maple Faced <small>(08 17 23 00-0095)</small>						
08 17 23 00-0127	EA			2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door <i>For 8' Door Height, Add</i>	783.98 153.25	72.73
08 17 23 00-0128	EA			2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door <i>For 8' Door Height, Add</i>	787.89 154.19	72.73
08 17 23 00-0129	EA			2'-8" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door <i>For 8' Door Height, Add</i>	826.71 162.10	75.64
08 17 23 00-0130	EA			3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door <i>For 8' Door Height, Add</i>	841.15 164.17	78.55
08 17 23 00-0131	EA			3'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door <i>For 8' Door Height, Add</i>	915.30 181.97	78.55
08 17 23 00-0132	EA			3'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door <i>For 8' Door Height, Add</i>	1,008.98 203.06	81.45
08 17 23 00-0133	EA			Pair 2' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door <i>For 8' Door Height, Add</i>	1,515.63 306.50	119.27
08 17 23 00-0134	EA			Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door <i>For 8' Door Height, Add</i>	1,540.90 308.37	128.00
08 17 23 00-0135	EA			Pair 3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door <i>For 8' Door Height, Add</i>	1,641.58 328.35	136.72
08 17 23 00-0136 Walnut Faced <small>(08 17 23 00-0095)</small>						
08 17 23 00-0137	EA			2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door <i>For 8' Door Height, Add</i>	983.40 201.11	72.73
08 17 23 00-0138	EA			2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door <i>For 8' Door Height, Add</i>	1,018.24 209.47	72.73
08 17 23 00-0139	EA			2'-8" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door <i>For 8' Door Height, Add</i>	1,035.74 212.27	75.64
08 17 23 00-0140	EA			3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door <i>For 8' Door Height, Add</i>	1,076.46 220.65	78.55
08 17 23 00-0141	EA			3'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door <i>For 8' Door Height, Add</i>	1,177.60 244.92	78.55
08 17 23 00-0142	EA			3'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door <i>For 8' Door Height, Add</i>	1,285.55 269.43	81.45
08 17 23 00-0143	EA			Pair 2' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door <i>For 8' Door Height, Add</i>	1,914.46 402.22	119.27
08 17 23 00-0144	EA			Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door <i>For 8' Door Height, Add</i>	2,001.58 418.94	128.00
08 17 23 00-0145	EA			Pair 3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door <i>For 8' Door Height, Add</i>	2,112.19 441.30	136.72
08 18 Glass Doors <small>(08 10)</small>						
08 18 16 Sliding Glass Doors <small>(08 18)</small>						
08 18 16 00-0001 Sliding Aluminum-Framed Glass Doors <small>(08 18 16)</small>						
08 18 16 00-0002 Residential Sliding Aluminum-Framed Glass Doors <small>(08 18 16 00-0001)</small>						
08 18 16 00-0003 5/8" Insulating Glass, Sliding Aluminum-Framed Glass Doors <small>(08 18 16 00-0002)</small>						
08 18 16 00-0004	SF			Up To 6' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware <i>For Custom Quality, Add</i> <i>For Tempered Glass, Add</i> <i>For Anodized Or Colored Aluminum Frames, Add</i>	34.97 5.28 1.42 3.80	5.23
08 18 16 00-0005	SF			>6' Up To 12' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware <i>For Custom Quality, Add</i> <i>For Tempered Glass, Add</i> <i>For Anodized Or Colored Aluminum Frames, Add</i>	28.26 5.05 1.42 3.63	3.26
08 18 16 00-0006 1" Insulating Glass, Sliding Aluminum-Framed Glass Doors <small>(08 18 16 00-0002)</small>						
08 18 16 00-0007	SF			Up To 6' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware <i>For Custom Quality, Add</i> <i>For Tempered Glass, Add</i> <i>For Anodized Or Colored Aluminum Frames, Add</i>	38.76 6.23 1.42 4.48	5.23
08 18 16 00-0008	SF			>6' Up To 12' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware <i>For Custom Quality, Add</i> <i>For Tempered Glass, Add</i> <i>For Anodized Or Colored Aluminum Frames, Add</i>	31.99 5.98 1.42 4.30	3.26
08 18 16 00-0009 Sliding Wood-Framed Glass Doors <small>(08 18 16)</small>						
08 18 16 00-0010 Residential Wood Sliding Doors With 5/8" Glass <small>(08 18 16 00-0009)</small>						
08 18 16 00-0011	EA			6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	2,359.21	157.09
08 18 16 00-0012	EA			8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	2,880.05	192.00
08 18 16 00-0013	EA			9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	3,328.13	221.09
08 18 16 00-0014	EA			6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	2,597.16	157.09
08 18 16 00-0015	EA			8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	3,187.38	192.00
08 18 16 00-0016	EA			9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	3,708.47	221.09

08 Openings**08 10 Doors and Frames****08 18 Glass Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
08 30 Specialty Doors and Frames (08)

Note: Includes caulk, sealant and mounting anchors.

08 31 Access Doors and Panels (08 30)

See CSI section 07 72 33 00-0000 for roof hatches, 23 33 33 00-0000 for duct-mounted access doors.

08 31 13 Access Doors and Frames (08 31)**08 31 13 00-0001 Stainless Steel Access Doors (08 31 13)****08 31 13 00-0002 Fire Rated Stainless Steel Access Doors (08 31 13 00-0001)**

08 31 13 00-0003	EA	12" x 12" Fire Rated Stainless Steel Access Door With Cam Latch	442.05	58.15
08 31 13 00-0004	EA	12" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	514.78	61.95
08 31 13 00-0005	EA	18" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	601.46	65.52
08 31 13 00-0006	EA	24" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	694.66	68.85
08 31 13 00-0007	EA	24" x 24" Fire Rated Stainless Steel Access Door With Cam Latch	710.71	69.20
08 31 13 00-0008	EA	24" x 36" Fire Rated Stainless Steel Access Door With Cam Latch	919.48	71.35

08 31 13 00-0009 Stainless Steel Access Doors (08 31 13 00-0001)

08 31 13 00-0010	EA	8" x 8" Stainless Steel Access Door With Cam Latch	175.80	44.59
08 31 13 00-0011	EA	12" x 12" Stainless Steel Access Door With Cam Latch	210.39	58.15
08 31 13 00-0012	EA	12" x 18" Stainless Steel Access Door With Cam Latch	300.28	61.95
08 31 13 00-0013	EA	18" x 18" Stainless Steel Access Door With Cam Latch	322.34	65.52
08 31 13 00-0014	EA	24" x 18" Stainless Steel Access Door With Cam Latch	374.45	68.85
08 31 13 00-0015	EA	24" x 24" Stainless Steel Access Door With Cam Latch	427.07	69.20

08 31 13 00-0016 Steel Access Doors (08 31 13)

Note: Includes paintable powder coated finish.

08 31 13 00-0017 Insulated Fire Rated Steel Access Doors (08 31 13 00-0016)

08 31 13 00-0018	EA	12" x 12" Insulated Fire Rated Steel Access Door With Cam Latch	267.53	58.51
08 31 13 00-0019	EA	12" x 18" Insulated Fire Rated Steel Access Door With Cam Latch	330.37	61.95
08 31 13 00-0020	EA	18" x 18" Insulated Fire Rated Steel Access Door With Cam Latch	330.46	65.52
08 31 13 00-0021	EA	24" x 18" Insulated Fire Rated Steel Access Door With Cam Latch	391.80	69.20
08 31 13 00-0022	EA	24" x 24" Insulated Fire Rated Steel Access Door With Cam Latch	409.29	69.20
08 31 13 00-0023	EA	24" x 36" Insulated Fire Rated Steel Access Door With Cam Latch	539.07	71.35
08 31 13 00-0024	EA	24" x 48" Insulated Fire Rated Steel Access Door With Cam Latch	620.80	74.32
08 31 13 00-0025	EA	36" x 36" Insulated Fire Rated Steel Access Door With Cam Latch	765.55	74.32
08 31 13 00-0026	EA	48" x 48" Insulated Fire Rated Steel Access Door With Cam Latch	981.76	89.18

08 31 13 00-0027 Steel Access Doors (08 31 13 00-0016)

08 31 13 00-0028	EA	8" x 8" Steel Access Door With Cam Latch	139.11	44.83
08 31 13 00-0029	EA	12" x 12" Steel Access Door With Cam Latch	148.99	58.51
08 31 13 00-0030	EA	12" x 18" Steel Access Door With Cam Latch	171.06	61.95
08 31 13 00-0031	EA	18" x 18" Steel Access Door With Cam Latch	175.99	65.52
08 31 13 00-0032	EA	24" x 18" Steel Access Door With Cam Latch	208.19	69.20
08 31 13 00-0033	EA	24" x 24" Steel Access Door With Cam Latch	213.01	69.20
08 31 13 00-0034	EA	24" x 36" Steel Access Door With Cam Latch	275.78	71.35
08 31 13 00-0035	EA	36" x 36" Steel Access Door With Cam Latch	362.22	74.32

08 31 13 00-0036 Steel Recessed Access Doors For Drywall Application (08 31 13)

Note: Includes paintable powder coated finish.

08 31 13 00-0037	EA	8" x 8" Recessed Steel Access Door With Cam Latch	197.01	44.59
		<i>For Recessed Doors In Acoustical Tile, Add</i>	19.50	
08 31 13 00-0038	EA	12" x 12" Recessed Steel Access Door With Cam Latch	206.31	47.80
		<i>For Recessed Doors In Acoustical Tile, Add</i>	21.61	
08 31 13 00-0039	EA	12" x 18" Recessed Steel Access Door With Cam Latch	221.64	50.53
		<i>For Recessed Doors In Acoustical Tile, Add</i>	22.36	
08 31 13 00-0040	EA	18" x 18" Recessed Steel Access Door With Cam Latch	259.54	53.51
		<i>For Recessed Doors In Acoustical Tile, Add</i>	19.93	
08 31 13 00-0041	EA	24" x 18" Recessed Steel Access Door With Cam Latch	273.10	56.48
		<i>For Recessed Doors In Acoustical Tile, Add</i>	21.18	
08 31 13 00-0042	EA	24" x 24" Recessed Steel Access Door With Cam Latch	298.54	56.48
		<i>For Recessed Doors In Acoustical Tile, Add</i>	17.36	
08 31 13 00-0043	EA	24" x 36" Recessed Steel Access Door With Cam Latch	371.95	71.35
		<i>For Recessed Doors In Acoustical Tile, Add</i>	22.69	
08 31 13 00-0044	EA	36" x 36" Recessed Steel Access Door With Cam Latch	528.94	74.32
		<i>For Recessed Doors In Acoustical Tile, Add</i>	2.41	

08 31 13 00-0045 Steel Crawl Space Doors And Frames (08 31 13)

Note: Includes paintable powder coated finish.

08 31 13 00-0046	EA	24" x 24" Steel Crawl Space Door With Cam Latch	227.05	75.27
08 31 13 00-0047	EA	30" x 24" Steel Crawl Space Door With Cam Latch	318.12	91.21
08 31 13 00-0048	EA	30" x 30" Steel Crawl Space Door With Cam Latch	356.33	99.05

08 33 Coiling Doors and Grilles (08 30)**08 33 13 Coiling Counter Doors (08 33)**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 33 13 00-001			Overhead Rolling Counter Doors (08 33 13)		
08 33 13 00-002			Galvanized Steel Overhead Rolling Counter Doors (08 33 13 00-0001) Note: Includes necessary anchors, track and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-003	EA		4' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650) <i>For Motor Operator (With Safety Reverse), Add</i>	8,476.81 754.55	418.19
08 33 13 00-004	EA		6' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650) <i>For Motor Operator (With Safety Reverse), Add</i>	8,927.19 754.55	418.19
08 33 13 00-005	EA		8' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650) <i>For Motor Operator (With Safety Reverse), Add</i>	9,655.47 759.82	444.33
08 33 13 00-006	EA		10' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650) <i>For Motor Operator (With Safety Reverse), Add</i>	10,308.01 780.03	522.73
08 33 13 00-007	EA		4' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650) <i>For Motor Operator (With Safety Reverse), Add</i>	10,503.53 754.55	418.19
08 33 13 00-008	EA		6' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650) <i>For Motor Operator (With Safety Reverse), Add</i>	10,957.48 766.16	464.60
08 33 13 00-009	EA		8' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650) <i>For Motor Operator (With Safety Reverse), Add</i>	11,229.13 770.81	483.22
08 33 13 00-010	EA		10' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650) <i>For Motor Operator (With Safety Reverse), Add</i>	11,890.85 780.68	522.73
08 33 13 00-0011			Stainless Steel Overhead Rolling Counter Doors (08 33 13 00-0001) Note: Includes necessary anchors, track and hardware. Includes No. 4 stainless steel finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0012	EA		4' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651) <i>For Motor Operator (With Safety Reverse), Add</i>	9,602.77 754.55	418.19
08 33 13 00-0013	EA		6' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651) <i>For Motor Operator (With Safety Reverse), Add</i>	10,841.32 754.55	418.19
08 33 13 00-0014	EA		8' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651) <i>For Motor Operator (With Safety Reverse), Add</i>	11,119.21 759.82	444.33
08 33 13 00-0015	EA		10' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651) <i>For Motor Operator (With Safety Reverse), Add</i>	13,573.29 780.03	522.73
08 33 13 00-0016	EA		4' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651) <i>For Motor Operator (With Safety Reverse), Add</i>	11,629.49 754.55	418.19
08 33 13 00-0017	EA		6' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651) <i>For Motor Operator (With Safety Reverse), Add</i>	11,970.85 766.16	464.60
08 33 13 00-0018	EA		8' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651) <i>For Motor Operator (With Safety Reverse), Add</i>	12,242.50 770.81	483.22
08 33 13 00-0019	EA		10' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651) <i>For Motor Operator (With Safety Reverse), Add</i>	15,719.12 780.68	522.73
08 33 13 00-0020			Aluminum Overhead Rolling Counter Doors (08 33 13 00-0001) Note: Includes necessary anchors, track and hardware. Includes clear anodized aluminum finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0021	EA		4' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) <i>For Motor Operator (With Safety Reverse), Add</i>	9,377.57 754.55	418.19
08 33 13 00-0022	EA		6' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) <i>For Motor Operator (With Safety Reverse), Add</i>	9,827.96 754.55	418.19
08 33 13 00-0023	EA		8' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) <i>For Motor Operator (With Safety Reverse), Add</i>	11,006.62 759.82	444.33
08 33 13 00-0024	EA		10' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) <i>For Motor Operator (With Safety Reverse), Add</i>	13,010.31 780.03	522.73
08 33 13 00-0025	EA		4' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) <i>For Motor Operator (With Safety Reverse), Add</i>	11,404.30 754.55	418.19
08 33 13 00-0026	EA		6' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) <i>For Motor Operator (With Safety Reverse), Add</i>	11,858.25 766.16	464.60
08 33 13 00-0027	EA		8' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) <i>For Motor Operator (With Safety Reverse), Add</i>	12,186.20 770.81	483.22
08 33 13 00-0028	EA		10' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) <i>For Motor Operator (With Safety Reverse), Add</i>	15,493.93 780.68	522.73
08 33 13 00-0029			Galvanized Steel Overhead Rolling Counter Fire Doors (08 33 13 00-0001) Note: Includes necessary anchors, track and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0030	EA		4' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) <i>For Motor Operator (With Safety Reverse), Add</i>	11,179.11 754.55	418.19
08 33 13 00-0031	EA		6' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) <i>For Motor Operator (With Safety Reverse), Add</i>	11,854.69 754.55	418.19
08 33 13 00-0032	EA		8' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) <i>For Motor Operator (With Safety Reverse), Add</i>	12,808.15 759.82	444.33
08 33 13 00-0033	EA		10' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) <i>For Motor Operator (With Safety Reverse), Add</i>	13,685.89 780.03	522.73
08 33 13 00-0034	EA		4' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) <i>For Motor Operator (With Safety Reverse), Add</i>	12,530.26 754.55	418.19
08 33 13 00-0035	EA		6' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) <i>For Motor Operator (With Safety Reverse), Add</i>	13,096.81 766.16	464.60

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 33 13 00-0036	EA	8' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	13,593.65	483.22
		<i>For Motor Operator (With Safety Reverse), Add</i>	770.81	
08 33 13 00-0037	EA	10' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	13,917.58	522.73
		<i>For Motor Operator (With Safety Reverse), Add</i>	780.68	
08 33 13 00-0038		Stainless Steel Overhead Rolling Counter Fire Doors <small>(08 33 13 00-0001)</small>		
		Note: Includes necessary anchors, track and hardware. Includes No. 4 stainless steel finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0039	EA	4' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	12,755.45	418.19
		<i>For Motor Operator (With Safety Reverse), Add</i>	754.55	
08 33 13 00-0040	EA	6' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	14,556.99	418.19
		<i>For Motor Operator (With Safety Reverse), Add</i>	754.55	
08 33 13 00-0041	EA	8' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	14,834.88	444.33
		<i>For Motor Operator (With Safety Reverse), Add</i>	759.82	
08 33 13 00-0042	EA	10' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	18,189.73	522.73
		<i>For Motor Operator (With Safety Reverse), Add</i>	780.03	
08 33 13 00-0043	EA	4' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	13,881.41	418.19
		<i>For Motor Operator (With Safety Reverse), Add</i>	754.55	
08 33 13 00-0044	EA	6' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	14,335.36	464.60
		<i>For Motor Operator (With Safety Reverse), Add</i>	766.16	
08 33 13 00-0045	EA	8' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	14,832.21	483.22
		<i>For Motor Operator (With Safety Reverse), Add</i>	770.81	
08 33 13 00-0046	EA	10' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	18,421.42	522.73
		<i>For Motor Operator (With Safety Reverse), Add</i>	780.68	
08 33 13 00-0047		Integral Frame And Sill, Overhead Rolling Counter Doors <small>(08 33 13)</small>		
08 33 13 00-0048		Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill <small>(08 33 13 00-0047)</small>		
		Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish, aluminum slats are finished with clear anodized finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0049	EA	4' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	18,610.45	418.19
		<i>For Motor Operator (With Safety Reverse), Add</i>	754.55	
08 33 13 00-0050	EA	6' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	19,060.83	418.19
		<i>For Motor Operator (With Safety Reverse), Add</i>	754.55	
08 33 13 00-0051	EA	8' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	19,563.91	444.33
		<i>For Motor Operator (With Safety Reverse), Add</i>	759.82	
08 33 13 00-0052	EA	10' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	20,216.46	522.73
		<i>For Motor Operator (With Safety Reverse), Add</i>	780.03	
08 33 13 00-0053	EA	4' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	19,286.02	418.19
		<i>For Motor Operator (With Safety Reverse), Add</i>	754.55	
08 33 13 00-0054	EA	6' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	19,852.57	464.60
		<i>For Motor Operator (With Safety Reverse), Add</i>	766.16	
08 33 13 00-0055	EA	8' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	20,349.41	483.22
		<i>For Motor Operator (With Safety Reverse), Add</i>	770.81	
08 33 13 00-0056	EA	10' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	22,700.07	522.73
		<i>For Motor Operator (With Safety Reverse), Add</i>	780.68	
08 33 13 00-0057		Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Frame and Stainless Steel Sill <small>(08 33 13 00-0047)</small>		
		Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish, aluminum slats are finished with clear anodized finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0058	EA	4' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	16,358.53	418.19
		<i>For Motor Operator (With Safety Reverse), Add</i>	754.55	
08 33 13 00-0059	EA	6' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	16,808.91	418.19
		<i>For Motor Operator (With Safety Reverse), Add</i>	754.55	
08 33 13 00-0060	EA	8' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	17,311.99	444.33
		<i>For Motor Operator (With Safety Reverse), Add</i>	759.82	
08 33 13 00-0061	EA	10' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	17,964.54	522.73
		<i>For Motor Operator (With Safety Reverse), Add</i>	780.03	
08 33 13 00-0062	EA	4' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	18,385.25	418.19
		<i>For Motor Operator (With Safety Reverse), Add</i>	754.55	
08 33 13 00-0063	EA	6' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	18,951.80	464.60
		<i>For Motor Operator (With Safety Reverse), Add</i>	766.16	
08 33 13 00-0064	EA	8' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	19,673.83	483.22
		<i>For Motor Operator (With Safety Reverse), Add</i>	770.81	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 33 13 00-0065	EA			10' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656) <i>For Motor Operator (With Safety Reverse), Add</i>	20,222.96 780.68	522.73
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08 33 13 00-0066 Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill (08 33 13 00-0047)

Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0067	EA			4' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657) <i>For Motor Operator (With Safety Reverse), Add</i>	25,816.59 754.55	418.19
08 33 13 00-0068	EA			6' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657) <i>For Motor Operator (With Safety Reverse), Add</i>	28,068.51 754.55	418.19
08 33 13 00-0069	EA			8' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657) <i>For Motor Operator (With Safety Reverse), Add</i>	32,625.05 759.82	444.33
08 33 13 00-0070	EA			10' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657) <i>For Motor Operator (With Safety Reverse), Add</i>	35,079.13 780.03	522.73
08 33 13 00-0071	EA			4' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657) <i>For Motor Operator (With Safety Reverse), Add</i>	29,194.47 754.55	418.19
08 33 13 00-0072	EA			6' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657) <i>For Motor Operator (With Safety Reverse), Add</i>	31,562.55 766.16	464.60
08 33 13 00-0073	EA			8' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657) <i>For Motor Operator (With Safety Reverse), Add</i>	34,986.89 770.81	483.22
08 33 13 00-0074	EA			10' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657) <i>For Motor Operator (With Safety Reverse), Add</i>	39,589.47 780.68	522.73

08 33 13 00-0075 Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Frame and Stainless Steel Sill (08 33 13 00-0047)

Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0076	EA			4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658) <i>For Motor Operator (With Safety Reverse), Add</i>	21,763.13 754.55	418.19
08 33 13 00-0077	EA			6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658) <i>For Motor Operator (With Safety Reverse), Add</i>	22,213.52 754.55	418.19
08 33 13 00-0078	EA			8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658) <i>For Motor Operator (With Safety Reverse), Add</i>	23,166.99 759.82	444.33
08 33 13 00-0079	EA			10' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658) <i>For Motor Operator (With Safety Reverse), Add</i>	24,945.49 780.03	522.73
08 33 13 00-0080	EA			4' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658) <i>For Motor Operator (With Safety Reverse), Add</i>	23,114.29 754.55	418.19
08 33 13 00-0081	EA			6' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658) <i>For Motor Operator (With Safety Reverse), Add</i>	24,581.60 766.16	464.60
08 33 13 00-0082	EA			8' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658) <i>For Motor Operator (With Safety Reverse), Add</i>	25,979.21 770.81	483.22
08 33 13 00-0083	EA			10' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658) <i>For Motor Operator (With Safety Reverse), Add</i>	30,581.79 780.68	522.73

08 33 13 00-0084 Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood (08 33 13 00-0047)

Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0085	EA			4' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660) <i>For Motor Operator (With Safety Reverse), Add</i>	31,446.39 754.55	418.19
08 33 13 00-0086	EA			6' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660) <i>For Motor Operator (With Safety Reverse), Add</i>	32,572.35 754.55	418.19
08 33 13 00-0087	EA			8' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660) <i>For Motor Operator (With Safety Reverse), Add</i>	37,128.89 759.82	444.33

08 Openings
08 30 Specialty Doors and Frames
08 33 Coiling Doors and Grilles

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 33 13 00-0088		Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood (08 33 13 00-0047)		
		Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0089	EA	4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661).....	23,564.67	418.19
		<i>For Motor Operator (With Safety Reverse), Add</i>	754.55	
08 33 13 00-0090	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661).....	32,572.35	418.19
		<i>For Motor Operator (With Safety Reverse), Add</i>	754.55	
08 33 13 00-0091	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661).....	37,128.89	444.33
		<i>For Motor Operator (With Safety Reverse), Add</i>	759.82	
08 33 13 00-0092		Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood (08 33 13 00-0047)		
		Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0093	EA	4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662).....	20,411.98	418.19
		<i>For Motor Operator (With Safety Reverse), Add</i>	754.55	
08 33 13 00-0094	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662).....	23,114.29	418.19
		<i>For Motor Operator (With Safety Reverse), Add</i>	754.55	
08 33 13 00-0095	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662).....	24,743.33	444.33
		<i>For Motor Operator (With Safety Reverse), Add</i>	759.82	
08 33 13 00-0096	EA	10' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662).....	27,197.41	522.73
		<i>For Motor Operator (With Safety Reverse), Add</i>	780.03	
08 33 16		Coiling Counter Grilles (08 33)		
08 33 16 00-0001		Galvanized Steel Overhead Coiling Counter Grilles (Width x Height) (08 33 16)		
08 33 16 00-0002	EA	4' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	2,076.25	182.96
		<i>For Lexan Lattice Pattern, Add</i>	233.03	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	106.21	
		<i>For Staggered Brick Pattern, Add</i>	189.09	
08 33 16 00-0003	EA	6' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	2,274.93	182.96
		<i>For Lexan Lattice Pattern, Add</i>	262.83	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	146.16	
		<i>For Staggered Brick Pattern, Add</i>	256.53	
08 33 16 00-0004	EA	8' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	2,649.71	243.91
		<i>For Lexan Lattice Pattern, Add</i>	292.91	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	186.13	
		<i>For Staggered Brick Pattern, Add</i>	323.96	
08 33 16 00-0005	EA	12' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	3,127.85	243.91
		<i>For Lexan Lattice Pattern, Add</i>	364.63	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	266.03	
		<i>For Staggered Brick Pattern, Add</i>	458.83	
08 33 16 00-0006	EA	16' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	4,259.63	365.91
		<i>For Lexan Lattice Pattern, Add</i>	482.12	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	398.53	
		<i>For Staggered Brick Pattern, Add</i>	605.02	
08 33 16 00-0007	EA	18' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	4,824.82	418.19
		<i>For Lexan Lattice Pattern, Add</i>	540.87	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	398.53	
		<i>For Staggered Brick Pattern, Add</i>	605.02	
08 33 16 00-0008	EA	20' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	5,391.41	487.71
		<i>For Lexan Lattice Pattern, Add</i>	599.62	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	531.03	
		<i>For Staggered Brick Pattern, Add</i>	751.22	
08 33 16 00-0009	EA	24' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	6,714.11	585.46
		<i>For Lexan Lattice Pattern, Add</i>	755.80	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	637.24	
		<i>For Staggered Brick Pattern, Add</i>	776.80	
08 33 16 00-0010	EA	30' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	8,249.85	731.83
		<i>For Lexan Lattice Pattern, Add</i>	923.84	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	745.87	
		<i>For Staggered Brick Pattern, Add</i>	891.68	
08 33 16 00-0011	EA	4' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	2,227.91	182.96
		<i>For Lexan Lattice Pattern, Add</i>	255.78	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	159.30	
		<i>For Staggered Brick Pattern, Add</i>	219.69	
08 33 16 00-0012	EA	6' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	2,513.26	182.96
		<i>For Lexan Lattice Pattern, Add</i>	298.58	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	238.94	
		<i>For Staggered Brick Pattern, Add</i>	298.79	
08 33 16 00-0013	EA	8' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	2,855.83	244.02
		<i>For Lexan Lattice Pattern, Add</i>	323.83	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	318.56	
		<i>For Staggered Brick Pattern, Add</i>	377.88	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 16 00-0014 EA 12' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	3,406.73 406.46 477.93 536.06	244.02
08 33 16 00-0015 EA 16' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	4,650.80 540.80 637.24 737.95	365.91
08 33 16 00-0016 EA 18' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	5,272.14 607.97 637.24 737.95	418.19
08 33 16 00-0017 EA 20' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	5,891.15 675.14 796.56 939.84	487.71
08 33 16 00-0018 EA 24' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	7,366.54 853.67 955.86 1,083.45	585.46
08 33 16 00-0019 EA 30' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	8,899.66 1,021.31 1,112.88 1,214.62	731.83

08 33 23 Overhead Coiling Doors (08 33)

Note: Includes panels, guides, counterbalance mechanisms, hardware, operators, frame, supports and/or trim as required. Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-0898 for forklift.

08 33 23 11 Overhead Coiling Doors (08 33 23)

Note: Excludes lifting equipment (forklift or scissor lift) where required.

08 33 23 11-0001 Galvanized Steel Overhead Coiling Doors (Width x Height) (08 33 23 11)

Note: Includes necessary anchors, track, and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. 20 psf wind load. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 23 11-0002 26 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 11-0001)

08 33 23 11-0003 EA 4' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,315.53	591.43
08 33 23 11-0004 EA 4' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,403.39	626.23
08 33 23 11-0005 EA 5' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,401.25	626.23
08 33 23 11-0006 EA 5' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,491.89	661.02
08 33 23 11-0007 EA 6' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,521.76	678.43
08 33 23 11-0008 EA 6' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,646.96	730.60
08 33 23 11-0009 EA 6' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,745.57	765.39
08 33 23 11-0010 EA 8' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,724.49	765.39
08 33 23 11-0011 EA 8' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,774.56	782.78
08 33 23 11-0012 EA 8' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,831.40	800.18
08 33 23 11-0013 EA 8' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,943.67	834.96
08 33 23 11-0014 EA 10' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,828.46	800.18
08 33 23 11-0015 EA 10' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,929.63	834.96
08 33 23 11-0016 EA 10' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	2,041.31	869.76
08 33 23 11-0017 EA 10' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	2,132.66	904.55

08 33 23 11-0018 24 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 11-0001)

Note: With curtain hood (barrel cover).

08 33 23 11-0019 EA 8' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	2,768.18 887.87	880.20
08 33 23 11-0020 EA 8' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	2,843.08 917.00	900.21
08 33 23 11-0021 EA 8' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,065.22 1,002.63	960.22
08 33 23 11-0022 EA 8' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,251.51 1,088.34	1,000.23
08 33 23 11-0023 EA 10' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	2,945.45 966.82	920.21
08 33 23 11-0024 EA 10' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,184.93 1,038.40	1,000.23
08 33 23 11-0025 EA 10' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,344.39 1,103.98	1,040.23
08 33 23 11-0026 EA 10' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,538.90 1,195.85	1,080.24
08 33 23 11-0027 EA 12' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,129.55 1,050.88	960.22
08 33 23 11-0028 EA 12' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,301.61 1,125.91	1,000.23
08 33 23 11-0029 EA 12' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,553.69 1,206.94	1,080.24
08 33 23 11-0030 EA 12' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,790.51 1,337.59	1,115.03
08 33 23 11-0031 EA 14' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,912.26 1,334.97	1,184.61
08 33 23 11-0032 EA 14' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	4,242.99 1,489.09	1,254.19
08 33 23 11-0033 EA 14' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	4,585.33 1,651.91	1,323.77

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0034			22 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 11-0001) Note: With curtain hood (barrel cover).		
08 33 23 11-0035	EA		4' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	2,452.70	792.18
			For 3/4" Insulated Slats, Add	770.09	
08 33 23 11-0036	EA		4' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	2,627.62	836.19
			For 3/4" Insulated Slats, Add	841.82	
08 33 23 11-0037	EA		4' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	2,754.55	870.98
			For 3/4" Insulated Slats, Add	890.05	
08 33 23 11-0038	EA		6' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	2,813.95	924.21
			For 3/4" Insulated Slats, Add	862.74	
08 33 23 11-0039	EA		6' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	3,086.53	1,012.23
			For 3/4" Insulated Slats, Add	948.35	
08 33 23 11-0040	EA		6' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	3,244.83	1,047.02
			For 3/4" Insulated Slats, Add	1,020.11	
08 33 23 11-0041	EA		6' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	3,587.45	1,081.81
			For 3/4" Insulated Slats, Add	1,230.10	
08 33 23 11-0042	EA		6' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	3,964.87	1,134.00
			For 3/4" Insulated Slats, Add	1,442.72	
08 33 23 11-0043	EA		8' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	3,048.16	990.22
			For 3/4" Insulated Slats, Add	949.34	
08 33 23 11-0044	EA		8' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	3,286.98	1,056.23
			For 3/4" Insulated Slats, Add	1,039.32	
08 33 23 11-0045	EA		8' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	3,472.20	1,100.25
			For 3/4" Insulated Slats, Add	1,118.78	
08 33 23 11-0046	EA		8' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	3,802.62	1,135.04
			For 3/4" Insulated Slats, Add	1,319.62	
08 33 23 11-0047	EA		8' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	4,167.81	1,187.23
			For 3/4" Insulated Slats, Add	1,523.06	
08 33 23 11-0048	EA		10' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	3,579.02	1,144.25
			For 3/4" Insulated Slats, Add	1,139.52	
08 33 23 11-0049	EA		10' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	3,810.98	1,188.27
			For 3/4" Insulated Slats, Add	1,254.03	
08 33 23 11-0050	EA		10' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	4,223.12	1,257.85
			For 3/4" Insulated Slats, Add	1,469.20	
08 33 23 11-0051	EA		10' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	4,704.83	1,362.22
			For 3/4" Insulated Slats, Add	1,689.59	
08 33 23 11-0052	EA		10' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	5,223.27	1,501.38
			For 3/4" Insulated Slats, Add	1,890.55	
08 33 23 11-0053	EA		10' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	5,811.29	1,675.33
			For 3/4" Insulated Slats, Add	2,096.73	
08 33 23 11-0054	EA		10' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	6,468.89	1,884.08
			For 3/4" Insulated Slats, Add	2,308.13	
08 33 23 11-0055	EA		10' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	7,195.05	2,127.61
			For 3/4" Insulated Slats, Add	2,523.98	
08 33 23 11-0056	EA		12' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	3,820.63	1,188.27
			For 3/4" Insulated Slats, Add	1,261.27	
08 33 23 11-0057	EA		12' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	4,046.39	1,226.54
			For 3/4" Insulated Slats, Add	1,378.93	
08 33 23 11-0058	EA		12' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	4,547.05	1,296.12
			For 3/4" Insulated Slats, Add	1,660.49	
08 33 23 11-0059	EA		12' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	5,117.28	1,400.50
			For 3/4" Insulated Slats, Add	1,947.26	
08 33 23 11-0060	EA		12' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	5,706.92	1,539.66
			For 3/4" Insulated Slats, Add	2,201.62	
08 33 23 11-0061	EA		12' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	6,366.14	1,713.60
			For 3/4" Insulated Slats, Add	2,461.20	
08 33 23 11-0062	EA		12' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	7,094.96	1,922.34
			For 3/4" Insulated Slats, Add	2,726.01	
08 33 23 11-0063	EA		12' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	7,962.91	2,200.67
			For 3/4" Insulated Slats, Add	3,001.24	
08 33 23 11-0064			20 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 11-0001) Note: With curtain hood (barrel cover).		
08 33 23 11-0065	EA		14' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	4,612.63	1,383.62
			For 3/4" Insulated Slats, Add	1,591.60	
08 33 23 11-0066	EA		14' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	5,002.35	1,453.21
			For 3/4" Insulated Slats, Add	1,789.96	
08 33 23 11-0067	EA		14' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	5,458.72	1,522.78
			For 3/4" Insulated Slats, Add	2,038.30	
08 33 23 11-0068	EA		14' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	5,943.03	1,627.16
			For 3/4" Insulated Slats, Add	2,260.63	
08 33 23 11-0069	EA		14' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	6,519.65	1,766.32
			For 3/4" Insulated Slats, Add	2,505.23	
08 33 23 11-0070	EA		14' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	7,095.87	1,905.48
			For 3/4" Insulated Slats, Add	2,749.52	
08 33 23 11-0071	EA		14' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	8,191.84	2,079.44
			For 3/4" Insulated Slats, Add	3,336.66	
08 33 23 11-0072	EA		14' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	9,357.38	2,288.17
			For 3/4" Insulated Slats, Add	3,929.02	
08 33 23 11-0073	EA		16' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	5,490.22	1,591.17
			For 3/4" Insulated Slats, Add	1,969.59	
08 33 23 11-0074	EA		16' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	5,924.76	1,660.75
			For 3/4" Insulated Slats, Add	2,201.56	
08 33 23 11-0075	EA		16' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	6,318.76	1,730.33
			For 3/4" Insulated Slats, Add	2,403.12	
08 33 23 11-0076	EA		16' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	6,794.06	1,834.70
			For 3/4" Insulated Slats, Add	2,618.70	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 33 23 11-0077	EA	16' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,372.75	1,973.87
		<i>For 3/4" Insulated Slats, Add</i>		2,864.84	
08 33 23 11-0078	EA	16' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	8,015.26	2,113.03
		<i>For 3/4" Insulated Slats, Add</i>		3,158.86	
08 33 23 11-0079	EA	16' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	8,955.39	2,286.98
		<i>For 3/4" Insulated Slats, Add</i>		3,629.13	
08 33 23 11-0080	EA	16' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	9,971.26	2,495.71
		<i>For 3/4" Insulated Slats, Add</i>		4,109.22	
08 33 23 11-0081	EA	18' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	5,996.79	1,790.08
		<i>For 3/4" Insulated Slats, Add</i>		2,080.96	
08 33 23 11-0082	EA	18' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	6,392.43	1,859.65
		<i>For 3/4" Insulated Slats, Add</i>		2,283.75	
08 33 23 11-0083	EA	18' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	7,017.79	1,964.03
		<i>For 3/4" Insulated Slats, Add</i>		2,611.88	
08 33 23 11-0084	EA	18' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	7,634.26	2,103.19
		<i>For 3/4" Insulated Slats, Add</i>		2,886.36	
08 33 23 11-0085	EA	18' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	8,323.46	2,277.14
		<i>For 3/4" Insulated Slats, Add</i>		3,168.42	
08 33 23 11-0086	EA	18' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	9,082.64	2,485.88
		<i>For 3/4" Insulated Slats, Add</i>		3,456.01	
08 33 23 11-0087	EA	18' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	10,276.27	2,729.42
		<i>For 3/4" Insulated Slats, Add</i>		4,022.46	
08 33 23 11-0088	EA	18' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	11,558.16	3,007.74
		<i>For 3/4" Insulated Slats, Add</i>		4,608.14	
08 33 23 11-0089	EA	20' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	6,865.70	2,058.58
		<i>For 3/4" Insulated Slats, Add</i>		2,370.15	
08 33 23 11-0090	EA	20' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	7,562.54	2,128.17
		<i>For 3/4" Insulated Slats, Add</i>		2,798.85	

08 33 23 11-0091 18 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 11-0001)

Note: With curtain hood (barrel cover).

08 33 23 11-0092	EA	20' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	8,654.03	2,516.97
		<i>For 3/4" Insulated Slats, Add</i>		3,092.65	
08 33 23 11-0093	EA	20' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	9,424.24	2,621.34
		<i>For 3/4" Insulated Slats, Add</i>		3,529.41	
08 33 23 11-0094	EA	20' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	10,362.57	2,760.50
		<i>For 3/4" Insulated Slats, Add</i>		4,045.29	
08 33 23 11-0095	EA	20' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	11,394.43	2,899.66
		<i>For 3/4" Insulated Slats, Add</i>		4,631.32	
08 33 23 11-0096	EA	20' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	12,500.30	3,073.61
		<i>For 3/4" Insulated Slats, Add</i>		5,225.89	
08 33 23 11-0097	EA	20' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	13,691.20	3,282.36
		<i>For 3/4" Insulated Slats, Add</i>		5,837.26	
08 33 23 11-0098	EA	22' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	7,676.73	2,436.95
		<i>For 3/4" Insulated Slats, Add</i>		2,467.71	
08 33 23 11-0099	EA	22' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	8,481.24	2,541.32
		<i>For 3/4" Insulated Slats, Add</i>		2,930.18	
08 33 23 11-0100	EA	22' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	9,638.39	2,768.65
		<i>For 3/4" Insulated Slats, Add</i>		3,491.07	
08 33 23 11-0101	EA	22' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	10,612.72	2,873.03
		<i>For 3/4" Insulated Slats, Add</i>		4,080.92	
08 33 23 11-0102	EA	22' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	11,659.58	3,012.19
		<i>For 3/4" Insulated Slats, Add</i>		4,678.19	
08 33 23 11-0103	EA	22' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	12,799.63	3,151.35
		<i>For 3/4" Insulated Slats, Add</i>		5,345.37	
08 33 23 11-0104	EA	22' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	14,012.33	3,325.30
		<i>For 3/4" Insulated Slats, Add</i>		6,020.06	
08 33 23 11-0105	EA	22' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	15,288.41	3,534.04
		<i>For 3/4" Insulated Slats, Add</i>		6,695.31	
08 33 23 11-0106	EA	24' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	8,456.51	2,680.64
		<i>For 3/4" Insulated Slats, Add</i>		2,723.49	
08 33 23 11-0107	EA	24' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	9,002.92	2,750.21
		<i>For 3/4" Insulated Slats, Add</i>		3,039.37	
08 33 23 11-0108	EA	24' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	10,113.20	2,819.80
		<i>For 3/4" Insulated Slats, Add</i>		3,778.14	
08 33 23 11-0109	EA	24' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	11,189.24	2,924.17
		<i>For 3/4" Insulated Slats, Add</i>		4,444.27	
08 33 23 11-0110	EA	24' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	12,296.69	3,063.33
		<i>For 3/4" Insulated Slats, Add</i>		5,086.99	
08 33 23 11-0111	EA	24' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	13,496.63	3,202.49
		<i>For 3/4" Insulated Slats, Add</i>		5,799.08	
08 33 23 11-0112	EA	24' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	14,973.10	3,393.83
		<i>For 3/4" Insulated Slats, Add</i>		6,648.11	
08 33 23 11-0113	EA	24' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	16,480.76	3,585.19
		<i>For 3/4" Insulated Slats, Add</i>		7,520.54	
08 33 23 11-0114	EA	20' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	9,056.27	2,516.97
		<i>For 3/4" Insulated Slats, Add</i>		3,394.33	
08 33 23 11-0115	EA	20' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	9,888.86	2,621.34
		<i>For 3/4" Insulated Slats, Add</i>		3,877.88	
08 33 23 11-0116	EA	20' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	10,900.53	2,760.50
		<i>For 3/4" Insulated Slats, Add</i>		4,448.76	
08 33 23 11-0117	EA	20' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	12,016.13	2,899.66
		<i>For 3/4" Insulated Slats, Add</i>		5,097.60	
08 33 23 11-0118	EA	20' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	13,206.20	3,073.61
		<i>For 3/4" Insulated Slats, Add</i>		5,755.31	
08 33 23 11-0119	EA	20' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	.....	14,483.03	3,282.36
		<i>For 3/4" Insulated Slats, Add</i>		6,431.13	

08 Openings
08 30 Specialty Doors and Frames
08 33 Coiling Doors and Grilles

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 33 23 11-0120	EA	22' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	7,988.16	2,436.95
		<i>For 3/4" Insulated Slats, Add</i>	2,701.28	
08 33 23 11-0121	EA	22' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	8,858.86	2,541.32
		<i>For 3/4" Insulated Slats, Add</i>	3,213.40	
08 33 23 11-0122	EA	22' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	10,094.06	2,768.65
		<i>For 3/4" Insulated Slats, Add</i>	3,832.82	
08 33 23 11-0123	EA	22' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	11,153.45	2,873.03
		<i>For 3/4" Insulated Slats, Add</i>	4,486.47	
08 33 23 11-0124	EA	22' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	12,285.71	3,012.19
		<i>For 3/4" Insulated Slats, Add</i>	5,147.79	
08 33 23 11-0125	EA	22' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	13,521.51	3,151.35
		<i>For 3/4" Insulated Slats, Add</i>	5,886.77	
08 33 23 11-0126	EA	22' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	14,830.29	3,325.30
		<i>For 3/4" Insulated Slats, Add</i>	6,633.53	
08 33 23 11-0127	EA	22' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	16,201.77	3,534.04
		<i>For 3/4" Insulated Slats, Add</i>	7,380.33	
08 33 23 11-0128	EA	24' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	8,800.42	2,680.64
		<i>For 3/4" Insulated Slats, Add</i>	2,981.42	
08 33 23 11-0129	EA	24' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	9,392.09	2,750.21
		<i>For 3/4" Insulated Slats, Add</i>	3,331.24	
08 33 23 11-0130	EA	24' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	10,610.26	2,819.80
		<i>For 3/4" Insulated Slats, Add</i>	4,150.94	
08 33 23 11-0131	EA	24' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	11,782.67	2,924.17
		<i>For 3/4" Insulated Slats, Add</i>	4,889.34	
08 33 23 11-0132	EA	24' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	12,982.25	3,063.33
		<i>For 3/4" Insulated Slats, Add</i>	5,601.16	
08 33 23 11-0133	EA	24' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	14,284.59	3,202.49
		<i>For 3/4" Insulated Slats, Add</i>	6,390.05	
08 33 23 11-0134	EA	24' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	15,882.58	3,393.83
		<i>For 3/4" Insulated Slats, Add</i>	7,330.22	
08 33 23 11-0135	EA	24' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	17,515.25	3,585.19
		<i>For 3/4" Insulated Slats, Add</i>	8,296.40	

08 33 23 11-0136 Aluminum Overhead Coiling Doors (Width x Height) (08 33 23 11)

Note: Includes necessary anchors, track and hardware. Includes clear anodized aluminum finish. 20 psf wind load. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 23 11-0137 0.04" Aluminum Overhead Coiling Doors (08 33 23 11-0136)

08 33 23 11-0138	EA	4' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	2,830.23	792.18
08 33 23 11-0139	EA	4' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	3,040.46	836.19
08 33 23 11-0140	EA	4' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	3,565.81	870.98
08 33 23 11-0141	EA	6' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	3,463.35	924.21
08 33 23 11-0142	EA	6' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	3,790.50	1,012.23
08 33 23 11-0143	EA	6' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	4,011.25	1,047.02
08 33 23 11-0144	EA	6' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	4,277.31	1,081.81
08 33 23 11-0145	EA	6' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	4,581.45	1,134.00
08 33 23 11-0146	EA	8' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	3,781.80	990.22
08 33 23 11-0147	EA	8' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	4,118.40	1,056.23
08 33 23 11-0148	EA	8' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	4,414.22	1,100.25
08 33 23 11-0149	EA	8' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	4,680.51	1,135.04
08 33 23 11-0150	EA	8' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	4,982.66	1,187.23
08 33 23 11-0151	EA	10' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	4,518.22	1,144.25
08 33 23 11-0152	EA	10' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	4,809.33	1,188.27
08 33 23 11-0153	EA	10' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	5,198.89	1,257.85
08 33 23 11-0154	EA	10' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	5,659.43	1,362.22
08 33 23 11-0155	EA	10' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	6,368.34	1,501.38
08 33 23 11-0156	EA	10' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	7,146.73	1,675.33
08 33 23 11-0157	EA	10' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	7,990.59	1,884.08
08 33 23 11-0158	EA	10' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	8,905.23	2,127.61
08 33 23 11-0159	EA	12' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	4,804.23	1,188.27
08 33 23 11-0160	EA	12' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	5,371.16	1,226.54
08 33 23 11-0161	EA	12' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	5,892.50	1,296.12
08 33 23 11-0162	EA	12' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	6,485.74	1,400.50
08 33 23 11-0163	EA	12' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	7,284.88	1,539.66
08 33 23 11-0164	EA	12' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	8,155.58	1,713.60
08 33 23 11-0165	EA	12' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	8,808.15	1,922.34
08 33 23 11-0166	EA	12' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	9,602.53	2,200.67

08 33 23 11-0167 0.05" Aluminum Overhead Coiling Doors (08 33 23 11-0136)

08 33 23 11-0168	EA	14' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	5,495.92	1,383.62
08 33 23 11-0169	EA	14' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	6,180.81	1,453.21
08 33 23 11-0170	EA	14' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	6,852.82	1,522.78
08 33 23 11-0171	EA	14' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	7,542.70	1,627.16
08 33 23 11-0172	EA	14' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	8,344.17	1,766.32
08 33 23 11-0173	EA	14' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	9,145.61	1,905.48
08 33 23 11-0174	EA	14' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	10,027.95	2,079.44
08 33 23 11-0175	EA	14' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	10,980.00	2,288.17
08 33 23 11-0176	EA	16' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	6,403.51	1,591.17
08 33 23 11-0177	EA	16' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	7,119.08	1,660.75
08 33 23 11-0178	EA	16' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	7,805.58	1,730.33
08 33 23 11-0179	EA	16' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	8,582.67	1,834.70
08 33 23 11-0180	EA	16' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	9,487.49	1,973.87
08 33 23 11-0181	EA	16' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	10,440.70	2,113.03
08 33 23 11-0182	EA	16' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	11,424.73	2,286.98

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 33 23 11-0183	EA	16' x 24', 0.05"	Aluminum Overhead Coiling Door, Chain Lift	12,428.33	2,495.71
08 33 23 11-0184	EA	18' x 10', 0.05"	Aluminum Overhead Coiling Door, Chain Lift	7,158.19	1,790.08
08 33 23 11-0185	EA	18' x 12', 0.05"	Aluminum Overhead Coiling Door, Chain Lift	7,923.83	1,859.65
08 33 23 11-0186	EA	18' x 14', 0.05"	Aluminum Overhead Coiling Door, Chain Lift	8,832.31	1,964.03
08 33 23 11-0187	EA	18' x 16', 0.05"	Aluminum Overhead Coiling Door, Chain Lift	9,797.82	2,103.19
08 33 23 11-0188	EA	18' x 18', 0.05"	Aluminum Overhead Coiling Door, Chain Lift	10,843.24	2,277.14
08 33 23 11-0189	EA	18' x 20', 0.05"	Aluminum Overhead Coiling Door, Chain Lift	11,951.79	2,485.88
08 33 23 11-0190	EA	18' x 22', 0.05"	Aluminum Overhead Coiling Door, Chain Lift	13,128.30	2,729.42
08 33 23 11-0191	EA	18' x 24', 0.05"	Aluminum Overhead Coiling Door, Chain Lift	14,380.83	3,007.74
08 33 23 11-0192	EA	20' x 10', 0.05"	Aluminum Overhead Coiling Door, Chain Lift	8,179.59	2,058.58
08 33 23 11-0193	EA	20' x 12', 0.05"	Aluminum Overhead Coiling Door, Chain Lift	8,959.75	2,128.17
08 33 23 11-0194	EA	20' x 14', 0.05"	Aluminum Overhead Coiling Door, Chain Lift	10,238.98	2,232.54
08 33 23 11-0195	EA	20' x 16', 0.05"	Aluminum Overhead Coiling Door, Chain Lift	11,150.26	2,371.70
08 33 23 11-0196	EA	20' x 18', 0.05"	Aluminum Overhead Coiling Door, Chain Lift	12,282.85	2,545.65
08 33 23 11-0197	EA	20' x 20', 0.05"	Aluminum Overhead Coiling Door, Chain Lift	13,514.10	2,754.39
08 33 23 11-0198	EA	20' x 22', 0.05"	Aluminum Overhead Coiling Door, Chain Lift	14,763.24	2,997.92
08 33 23 11-0199	EA	20' x 24', 0.05"	Aluminum Overhead Coiling Door, Chain Lift	16,115.91	3,276.24
08 33 23 11-0200	EA	22' x 10', 0.05"	Aluminum Overhead Coiling Door, Chain Lift	9,657.95	2,436.95
08 33 23 11-0201	EA	22' x 12', 0.05"	Aluminum Overhead Coiling Door, Chain Lift	10,686.91	2,541.32
08 33 23 11-0202	EA	22' x 14', 0.05"	Aluminum Overhead Coiling Door, Chain Lift	12,078.18	2,768.65
08 33 23 11-0203	EA	22' x 16', 0.05"	Aluminum Overhead Coiling Door, Chain Lift	13,202.38	2,873.03
08 33 23 11-0204	EA	22' x 18', 0.05"	Aluminum Overhead Coiling Door, Chain Lift	14,394.60	3,012.19
08 33 23 11-0205	EA	22' x 20', 0.05"	Aluminum Overhead Coiling Door, Chain Lift	15,598.08	3,151.35
08 33 23 11-0206	EA	22' x 22', 0.05"	Aluminum Overhead Coiling Door, Chain Lift	16,809.80	3,325.30
08 33 23 11-0207	EA	22' x 24', 0.05"	Aluminum Overhead Coiling Door, Chain Lift	18,099.16	3,534.04
08 33 23 11-0208	EA	24' x 10', 0.05"	Aluminum Overhead Coiling Door, Chain Lift	10,644.32	2,680.64
08 33 23 11-0209	EA	24' x 12', 0.05"	Aluminum Overhead Coiling Door, Chain Lift	11,275.93	2,750.21
08 33 23 11-0210	EA	24' x 14', 0.05"	Aluminum Overhead Coiling Door, Chain Lift	12,774.63	2,819.80
08 33 23 11-0211	EA	24' x 16', 0.05"	Aluminum Overhead Coiling Door, Chain Lift	14,031.24	2,924.17
08 33 23 11-0212	EA	24' x 18', 0.05"	Aluminum Overhead Coiling Door, Chain Lift	15,291.25	3,063.33
08 33 23 11-0213	EA	24' x 20', 0.05"	Aluminum Overhead Coiling Door, Chain Lift	16,551.27	3,202.49
08 33 23 11-0214	EA	24' x 22', 0.05"	Aluminum Overhead Coiling Door, Chain Lift	18,048.77	3,376.44
08 33 23 11-0215	EA	24' x 24', 0.05"	Aluminum Overhead Coiling Door, Chain Lift	19,664.31	3,585.19

08 33 23 11-0216 Overhead Coiling Door Accessories (08 33 23 11)

08 33 23 11-0217	LF	Bottom Of Door, Weather Strip Seal For Coiling Doors, Astragal Only	5.07	1.45
08 33 23 11-0218	LF	Top Of Door (Lintel), Weather Strip Seal For Coiling Doors	32.97	1.74
08 33 23 11-0219	LF	Side Of Door (Guides), Weather Strip Seal For Coiling Doors	31.44	1.74
08 33 23 11-0220	EA	Cylinder Lock For Coiling Doors	265.98	72.73
08 33 23 11-0221	EA	Up To 12' Height, 1/2 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes three button inside station controls and mounting hardware.	1,771.21	232.73
08 33 23 11-0222	EA	Up To 12' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes three button inside station controls and mounting hardware.	2,236.98	232.73
08 33 23 11-0223	EA	>12' To 18' Height, 1/2 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes three button inside station controls and mounting hardware.	2,097.29	261.81
08 33 23 11-0224	EA	>12' To 18' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes three button inside station controls and mounting hardware.	2,479.70	261.81
08 33 23 11-0225	EA	>18' To 24' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	2,702.82	290.90
08 33 23 11-0226	EA	>18' To 24' Height, 1 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	2,934.81	290.90
08 33 23 11-0227	LF	Safety Edge Bottom Bar Obstruction Detection Device, Electric For Coiling Doors And Grilles	118.02	
08 33 23 11-0228	EA	Remote Transmitter Kit For Coiling Door Operators	356.68	116.36

08 33 23 11-0229 Removal And Reinstallation Of Roll-Up Door And Support (08 33 23 11)

08 33 23 11-0230	SF	Removal And Reinstallation Of Metal Roll-up Door And Supports Note: Includes storage, cleaning and supply materials.	25.04	
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08 33 23 13 Overhead Rapid Coiling Doors (08 33 23)

Note: Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-0898 for forklift.

08 33 23 13-0001 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) (08 33 23 13)

Note: Door panel is 32 ounce vinyl. Side frames are fully bolted together, anodized aluminum construction with weather seal. Bottom bar releases in either direction when impacted, without damage to door. Manual drive system.

08 33 23 13-0002 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) (08 33 23 13-0001)

08 33 23 13-0003 5' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) (08 33 23 13-0002)

08 33 23 13-0004	EA	5' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,039.04	425.88
08 33 23 13-0005	EA	5' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,256.74	445.66
08 33 23 13-0006	EA	5' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,473.07	465.45
08 33 23 13-0007	EA	5' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,688.01	485.23
08 33 23 13-0008	EA	5' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,905.71	505.01
08 33 23 13-0009	EA	5' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,122.05	524.79

MINOR	CSI	UOM	DESCRIPTION
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TOTAL DIRECT	DEMOLITION
UNIT COST	UNIT COST

08 33 23 13-0010	6' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) (08 33 23 13-0002)		
08 33 23 13-0011	EA 6' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,256.74	445.66
08 33 23 13-0012	EA 6' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,473.07	465.45
08 33 23 13-0013	EA 6' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,688.01	485.23
08 33 23 13-0014	EA 6' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,905.71	505.01
08 33 23 13-0015	EA 6' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,122.05	524.79
08 33 23 13-0016	EA 6' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,338.38	544.57
08 33 23 13-0017	7' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) (08 33 23 13-0002)		
08 33 23 13-0018	EA 7' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,473.07	465.45
08 33 23 13-0019	EA 7' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,688.01	485.23
08 33 23 13-0020	EA 7' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,905.71	505.01
08 33 23 13-0021	EA 7' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,122.05	524.79
08 33 23 13-0022	EA 7' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,338.38	544.57
08 33 23 13-0023	EA 7' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,556.09	564.35
08 33 23 13-0024	8' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) (08 33 23 13-0002)		
08 33 23 13-0025	EA 8' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,688.01	485.23
08 33 23 13-0026	EA 8' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,905.71	505.01
08 33 23 13-0027	EA 8' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,122.05	524.79
08 33 23 13-0028	EA 8' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,338.38	544.57
08 33 23 13-0029	EA 8' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,556.09	564.35
08 33 23 13-0030	EA 8' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,771.03	584.14
08 33 23 13-0031	9' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) (08 33 23 13-0002)		
08 33 23 13-0032	EA 9' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,905.71	505.01
08 33 23 13-0033	EA 9' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,122.05	524.79
08 33 23 13-0034	EA 9' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,338.38	544.57
08 33 23 13-0035	EA 9' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,556.09	564.35
08 33 23 13-0036	EA 9' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,771.03	584.14
08 33 23 13-0037	EA 9' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,988.73	603.92
08 33 23 13-0038	10' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) (08 33 23 13-0002)		
08 33 23 13-0039	EA 10' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,122.05	524.79
08 33 23 13-0040	EA 10' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,338.38	544.57
08 33 23 13-0041	EA 10' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,556.09	564.35
08 33 23 13-0042	EA 10' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,771.03	584.14
08 33 23 13-0043	EA 10' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,988.73	603.92
08 33 23 13-0044	EA 10' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,205.06	623.70
08 33 23 13-0045	Rytec® Bantam® Door Options (08 33 23 13-0001)		
08 33 23 13-0046	SF Upgrade To 2-Ply Rilon Panel Material For Rytec® Bantam® High-Speed Rolling Doors	8.63	
08 33 23 13-0047	SF Upgrade To 3-Ply Rilon Panel Material For Rytec® Bantam® High-Speed Rolling Doors	18.99	
08 33 23 13-0048	LF 31" High Full Vision Panel For Rytec® Bantam® High-Speed Rolling Doors	27.62	
08 33 23 13-0049	EA Two 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Bantam® High-Speed Rolling Doors	262.38	
08 33 23 13-0050	EA Roll Cover For Rytec® Bantam® High-Speed Rolling Doors	530.65	58.18
08 33 23 13-0051	EA Motor Cover For Rytec® Bantam® High-Speed Rolling Doors	530.65	58.18
08 33 23 13-0052	EA Motor Operator For Rytec® Bantam® High-Speed Rolling Doors	2,200.61	116.36
08 33 23 13-0053	EA Additional NEMA 4 Pushbutton Control For Rytec® Bantam® Motor Operator	295.89	58.18
08 33 23 13-0054	EA Auto Close Feature For Rytec® Bantam® Motor Operator	288.98	58.18
08 33 23 13-0055	2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0055)		
08 33 23 13-0056	2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0055)		
08 33 23 13-0057	6' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0056)		
08 33 23 13-0058	EA 6' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,034.88	465.45
08 33 23 13-0059	EA 6' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,235.55	485.23
08 33 23 13-0060	EA 6' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,465.63	505.01
08 33 23 13-0061	EA 6' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,782.67	524.79
08 33 23 13-0062	EA 6' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,106.11	544.57
08 33 23 13-0063	EA 6' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,644.35	564.35
08 33 23 13-0064	EA 6' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,029.15	584.14

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 33 23 13-0065 7' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0056)					
08 33 23 13-0066	EA		7' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,277.75	485.23
08 33 23 13-0067	EA		7' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,530.84	505.01
08 33 23 13-0068	EA		7' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,846.61	524.79
08 33 23 13-0069	EA		7' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,180.27	544.57
08 33 23 13-0070	EA		7' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,617.50	564.35
08 33 23 13-0071	EA		7' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,142.95	584.14
08 33 23 13-0072	EA		7' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,559.72	603.92

08 33 23 13-0073 8' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0056)					
08 33 23 13-0074	EA		8' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,571.76	505.01
08 33 23 13-0075	EA		8' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,886.25	524.79
08 33 23 13-0076	EA		8' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,232.70	544.57
08 33 23 13-0077	EA		8' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,682.71	564.35
08 33 23 13-0078	EA		8' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,089.25	584.14
08 33 23 13-0079	EA		8' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,660.74	603.92
08 33 23 13-0080	EA		8' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	15,131.21	623.70

08 33 23 13-0081 9' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0056)					
08 33 23 13-0082	EA		9' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,928.44	524.79
08 33 23 13-0083	EA		9' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,272.34	544.57
08 33 23 13-0084	EA		9' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,722.35	564.35
08 33 23 13-0085	EA		9' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,141.68	584.14
08 33 23 13-0086	EA		9' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,581.46	603.92
08 33 23 13-0087	EA		9' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	15,037.87	623.70
08 33 23 13-0088	EA		9' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	15,537.76	643.48

08 33 23 13-0089 10' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0056)					
08 33 23 13-0090	EA		10' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,305.58	544.57
08 33 23 13-0091	EA		10' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,764.55	564.35
08 33 23 13-0092	EA		10' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,180.04	584.14
08 33 23 13-0093	EA		10' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,623.66	603.92
08 33 23 13-0094	EA		10' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	15,114.59	623.70
08 33 23 13-0095	EA		10' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	15,220.65	643.48
08 33 23 13-0096	EA		10' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,049.15	663.26

08 33 23 13-0097 11' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0056)					
08 33 23 13-0098	EA		11' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,788.84	564.35
08 33 23 13-0099	EA		11' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,214.56	584.14
08 33 23 13-0100	EA		11' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,663.30	603.92
08 33 23 13-0101	EA		11' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	15,155.51	623.70
08 33 23 13-0102	EA		11' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	15,481.50	643.48
08 33 23 13-0103	EA		11' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,118.20	663.26
08 33 23 13-0104	EA		11' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,641.11	683.04

08 33 23 13-0105 12' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0056)					
08 33 23 13-0106	EA		12' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,226.07	584.14
08 33 23 13-0107	EA		12' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,686.31	603.92
08 33 23 13-0108	EA		12' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	15,187.47	623.70
08 33 23 13-0109	EA		12' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	15,524.97	643.48
08 33 23 13-0110	EA		12' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	15,966.04	663.26
08 33 23 13-0111	EA		12' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,699.92	683.04
08 33 23 13-0112	EA		12' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,212.59	702.82

08 33 23 13-0113 Rytec® PredaDoor® Door Options (08 33 23 13-0055)					
08 33 23 13-0114	EA		Up To 10' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors	648.30	116.36
08 33 23 13-0115	EA		>10' To 15' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors	923.21	116.36
08 33 23 13-0116	SF		Upgrade To 3-Ply Rilon Panel Material For Rytec® PredaDoor® High-Speed Rolling Doors	10.36	

08 33 23 13-0117 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13)					
Note: Rytec® Fast-Seal® FS1000. Door panel is heavy-duty 3-ply multi-filament Rilon. Independent opening and closing speeds up to 50" per second. Side frames are fully bolted together, reinforced with front and rear wind bar guides and full height vinyl weather seal on either side of the door panel. Counterbalance system consists of guided counterweights custom-sized to provide to provide proper balancing of each door system. The independent tension system maintains constant panel tensioning. The drive system is a 3 phase, variable speed AC drive motor with brake and absolute encoder. Bottom bar breaks away in either direction without damage to the bar, safety astragal, or side covers.					

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 33 23 13-0118	3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0117)		
08 33 23 13-0119	8' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118)		
08 33 23 13-0120	EA 8' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	18,407.81	1,047.25
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
	For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
08 33 23 13-0121	EA 8' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	19,235.63	1,076.93
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
	For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
08 33 23 13-0122	EA 8' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	19,958.60	1,106.60
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
	For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
08 33 23 13-0123	EA 8' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	20,735.29	1,136.27
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
	For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
08 33 23 13-0124	EA 8' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	21,614.26	1,165.94
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
	For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
08 33 23 13-0125	EA 8' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	22,081.50	1,195.62
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
	For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
08 33 23 13-0126	EA 8' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	22,804.47	1,225.29
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
	For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
08 33 23 13-0127	EA 8' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	23,451.11	1,257.15
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
	For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
08 33 23 13-0128	EA 8' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	24,473.50	1,289.83
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
	For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
08 33 23 13-0129	EA 8' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	25,302.85	1,323.36
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
	For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
08 33 23 13-0130	EA 8' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	26,327.29	1,357.77
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
	For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
08 33 23 13-0131	9' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118)		
08 33 23 13-0132	EA 9' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	19,235.63	1,076.93
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	2,750.00	
	For 316 Stainless Steel Side Frame Tower, Add	4,125.00	
08 33 23 13-0133	EA 9' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	19,958.60	1,106.60
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	2,750.00	
	For 316 Stainless Steel Side Frame Tower, Add	4,125.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0134 EA 9' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	20,735.29 675.00 1,100.00 2,750.00 2,750.00 4,125.00	1,136.27
08 33 23 13-0135 EA 9' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	21,614.26 675.00 1,100.00 2,750.00 2,750.00 4,125.00	1,165.94
08 33 23 13-0136 EA 9' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	22,081.50 675.00 1,100.00 2,750.00 2,750.00 4,125.00	1,195.62
08 33 23 13-0137 EA 9' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	22,804.47 675.00 1,100.00 2,750.00 2,750.00 4,125.00	1,225.29
08 33 23 13-0138 EA 9' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	23,733.31 675.00 1,100.00 2,750.00 2,750.00 4,125.00	1,254.96
08 33 23 13-0139 EA 9' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	24,473.49 675.00 1,100.00 2,750.00 2,750.00 4,125.00	1,289.83
08 33 23 13-0140 EA 9' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	25,302.85 675.00 1,100.00 2,750.00 2,750.00 4,125.00	1,323.36
08 33 23 13-0141 EA 9' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	26,327.29 675.00 1,100.00 2,750.00 2,750.00 4,125.00	1,357.77
08 33 23 13-0142 EA 9' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	27,545.49 675.00 1,100.00 2,750.00 2,750.00 4,125.00	1,393.07
08 33 23 13-0143 10' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) <small>(08 33 23 13-0118)</small>		
08 33 23 13-0144 EA 10' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	19,958.60 675.00 1,100.00 2,750.00 3,300.00 4,950.00	1,106.60
08 33 23 13-0145 EA 10' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	20,735.29 675.00 1,100.00 2,750.00 3,300.00 4,950.00	1,136.27
08 33 23 13-0146 EA 10' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	21,614.26 675.00 1,100.00 2,750.00 3,300.00 4,950.00	1,165.94
08 33 23 13-0147 EA 10' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	22,081.50 675.00 1,100.00 2,750.00 3,300.00 4,950.00	1,195.62
08 33 23 13-0148 EA 10' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	22,804.47 675.00 1,100.00 2,750.00 3,300.00 4,950.00	1,225.29

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 33 23 13-0149	EA	10' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	23,733.31	1,254.96
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	4,950.00	
08 33 23 13-0150	EA	10' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	24,611.02	1,284.63
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	4,950.00	
08 33 23 13-0151	EA	10' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	25,301.56	1,322.72
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	4,950.00	
08 33 23 13-0152	EA	10' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	26,325.97	1,357.12
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	4,950.00	
08 33 23 13-0153	EA	10' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	27,544.13	1,392.40
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	4,950.00	
08 33 23 13-0154	EA	10' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,573.54	1,428.60
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	4,950.00	

08 33 23 13-0155 11' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)

08 33 23 13-0156	EA	11' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,735.29	1,136.27
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,850.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	5,775.00	
08 33 23 13-0157	EA	11' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	21,614.26	1,165.94
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,850.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	5,775.00	
08 33 23 13-0158	EA	11' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	22,081.50	1,195.62
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,850.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	5,775.00	
08 33 23 13-0159	EA	11' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	22,804.47	1,225.29
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,850.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	5,775.00	
08 33 23 13-0160	EA	11' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	23,733.31	1,254.96
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,850.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	5,775.00	
08 33 23 13-0161	EA	11' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	24,611.02	1,284.63
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,850.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	5,775.00	
08 33 23 13-0162	EA	11' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	25,591.00	1,314.30
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,850.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	5,775.00	
08 33 23 13-0163	EA	11' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	26,322.80	1,355.53
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,850.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	5,775.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0164 EA 11' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	27,540.88 675.00 1,100.00 2,750.00 3,850.00 5,775.00	1,390.77
08 33 23 13-0165 EA 11' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	28,570.20 675.00 1,100.00 2,750.00 3,850.00 5,775.00	1,426.93
08 33 23 13-0166 EA 11' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	29,790.61 675.00 1,100.00 2,750.00 3,850.00 5,775.00	1,464.03
08 33 23 13-0167 12' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) <small>(08 33 23 13-0118)</small>		
08 33 23 13-0168 EA 12' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	21,614.26 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,165.94
08 33 23 13-0169 EA 12' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	22,081.50 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,195.62
08 33 23 13-0170 EA 12' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	22,804.47 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,225.29
08 33 23 13-0171 EA 12' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	23,733.31 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,254.96
08 33 23 13-0172 EA 12' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	24,611.02 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,284.63
08 33 23 13-0173 EA 12' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	25,591.00 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,314.30
08 33 23 13-0174 EA 12' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	26,298.63 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,343.98
08 33 23 13-0175 EA 12' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	27,536.00 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,388.33
08 33 23 13-0176 EA 12' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	28,565.19 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,424.42
08 33 23 13-0177 EA 12' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	29,785.47 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,461.46
08 33 23 13-0178 EA 12' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	31,007.67 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,499.46

08 Openings

08 30 Specialty Doors and Frames

08 33 Coiling Doors and Grilles

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 33 23 13-0179	13' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118)		
08 33 23 13-0180	EA 13' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	22,608.31	1,195.62
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	4,950.00	
	For 316 Stainless Steel Side Frame Tower, Add	6,975.00	
08 33 23 13-0181	EA 13' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	23,529.48	1,225.29
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	4,950.00	
	For 316 Stainless Steel Side Frame Tower, Add	6,975.00	
08 33 23 13-0182	EA 13' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	24,403.33	1,254.96
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	4,950.00	
	For 316 Stainless Steel Side Frame Tower, Add	6,975.00	
08 33 23 13-0183	EA 13' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	25,416.58	1,284.63
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	4,950.00	
	For 316 Stainless Steel Side Frame Tower, Add	6,975.00	
08 33 23 13-0184	EA 13' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	26,425.97	1,314.30
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	4,950.00	
	For 316 Stainless Steel Side Frame Tower, Add	6,975.00	
08 33 23 13-0185	EA 13' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	27,178.35	1,343.98
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	4,950.00	
	For 316 Stainless Steel Side Frame Tower, Add	6,975.00	
08 33 23 13-0186	EA 13' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	27,753.00	1,373.65
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	4,950.00	
	For 316 Stainless Steel Side Frame Tower, Add	6,975.00	
08 33 23 13-0187	EA 13' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	28,637.52	1,421.23
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	4,950.00	
	For 316 Stainless Steel Side Frame Tower, Add	6,975.00	
08 33 23 13-0188	EA 13' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	29,859.01	1,458.18
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	4,950.00	
	For 316 Stainless Steel Side Frame Tower, Add	6,975.00	
08 33 23 13-0189	EA 13' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	31,086.56	1,496.10
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	4,950.00	
	For 316 Stainless Steel Side Frame Tower, Add	6,975.00	
08 33 23 13-0190	EA 13' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	32,169.70	1,534.99
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	4,950.00	
	For 316 Stainless Steel Side Frame Tower, Add	6,975.00	
08 33 23 13-0191	14' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118)		
08 33 23 13-0192	EA 14' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	23,529.48	1,225.29
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	5,480.00	
	For 316 Stainless Steel Side Frame Tower, Add	7,370.00	
08 33 23 13-0193	EA 14' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	24,403.33	1,254.96
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	5,480.00	
	For 316 Stainless Steel Side Frame Tower, Add	7,370.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0194 EA 14' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	25,416.58 675.00 1,100.00 2,750.00 5,480.00 7,370.00	1,284.63
08 33 23 13-0195 EA 14' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	26,425.97 675.00 1,100.00 2,750.00 5,480.00 7,370.00	1,314.30
08 33 23 13-0196 EA 14' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	27,178.35 675.00 1,100.00 2,750.00 5,480.00 7,370.00	1,343.98
08 33 23 13-0197 EA 14' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	27,753.00 675.00 1,100.00 2,750.00 5,480.00 7,370.00	1,373.65
08 33 23 13-0198 EA 14' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	28,601.30 675.00 1,100.00 2,750.00 5,480.00 7,370.00	1,403.32
08 33 23 13-0199 EA 14' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	29,850.77 675.00 1,100.00 2,750.00 5,480.00 7,370.00	1,454.06
08 33 23 13-0200 EA 14' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	31,078.11 675.00 1,100.00 2,750.00 5,480.00 7,370.00	1,491.87
08 33 23 13-0201 EA 14' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	32,161.03 675.00 1,100.00 2,750.00 5,480.00 7,370.00	1,530.65
08 33 23 13-0202 EA 14' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	34,501.25 675.00 1,100.00 2,750.00 5,480.00 7,370.00	1,570.46
08 33 23 13-0203 15' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) <small>(08 33 23 13-0118)</small>		
08 33 23 13-0204 EA 15' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	24,344.40 675.00 1,100.00 2,750.00	1,225.29
08 33 23 13-0205 EA 15' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	25,358.00 675.00 1,100.00 2,750.00	1,254.96
08 33 23 13-0206 EA 15' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	26,367.45 675.00 1,100.00 2,750.00	1,284.63
08 33 23 13-0207 EA 15' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	27,120.04 675.00 1,100.00 2,750.00	1,314.30
08 33 23 13-0208 EA 15' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	27,694.48 675.00 1,100.00 2,750.00	1,343.98
08 33 23 13-0209 EA 15' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	28,542.35 675.00 1,100.00 2,750.00	1,373.65
08 33 23 13-0210 EA 15' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	29,813.83 675.00 1,100.00 2,750.00	1,435.60
08 33 23 13-0211 EA 15' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	31,069.38 675.00 1,100.00 2,750.00	1,487.51

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 33 23 13-0212	EA	15' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	32,152.07	1,526.18
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0213	EA	15' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	34,492.07	1,565.87
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0214	EA	15' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	36,143.66	1,606.58
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	

08 33 23 13-0215 16' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)

08 33 23 13-0216	EA	16' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	25,412.68	1,282.30
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	6,070.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	7,790.00	
08 33 23 13-0217	EA	16' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	26,424.89	1,313.35
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	6,070.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	7,790.00	
08 33 23 13-0218	EA	16' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	27,180.24	1,344.40
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	6,070.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	7,790.00	
08 33 23 13-0219	EA	16' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	27,757.45	1,375.46
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	6,070.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	7,790.00	
08 33 23 13-0220	EA	16' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	28,608.08	1,406.51
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	6,070.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	7,790.00	
08 33 23 13-0221	EA	16' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	29,817.77	1,437.56
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	6,070.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	7,790.00	
08 33 23 13-0222	EA	16' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	31,031.60	1,468.61
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	6,070.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	7,790.00	
08 33 23 13-0223	EA	16' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	32,143.15	1,521.71
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	6,070.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	7,790.00	
08 33 23 13-0224	EA	16' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	34,482.91	1,561.29
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	6,070.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	7,790.00	
08 33 23 13-0225	EA	16' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	36,134.26	1,601.87
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	6,070.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	7,790.00	
08 33 23 13-0226	EA	16' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	37,796.00	1,643.53
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	6,070.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	7,790.00	

08 33 23 13-0227 17' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)

08 33 23 13-0228	EA	17' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	26,330.63	1,311.79
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

08 33 23 13-0229	EA 17' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	27,178.54 675.00 1,100.00 2,750.00	1,343.56
08 33 23 13-0230	EA 17' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	28,201.85 675.00 1,100.00 2,750.00	1,375.33
08 33 23 13-0231	EA 17' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	29,324.58 675.00 1,100.00 2,750.00	1,407.10
08 33 23 13-0232	EA 17' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	30,356.18 675.00 1,100.00 2,750.00	1,438.86
08 33 23 13-0233	EA 17' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	31,883.53 675.00 1,100.00 2,750.00	1,470.63
08 33 23 13-0234	EA 17' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	33,355.65 675.00 1,100.00 2,750.00	1,502.40
08 33 23 13-0235	EA 17' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	34,473.78 675.00 1,100.00 2,750.00	1,556.72
08 33 23 13-0236	EA 17' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	36,124.90 675.00 1,100.00 2,750.00	1,597.19
08 33 23 13-0237	EA 17' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	37,786.39 675.00 1,100.00 2,750.00	1,638.72
08 33 23 13-0238	EA 17' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	39,398.95 675.00 1,100.00 2,750.00	1,681.33

08 33 23 13-0239 18' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118)

08 33 23 13-0240	EA 18' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	27,443.26 675.00 1,100.00 2,750.00 6,720.00 8,230.00	1,341.97
08 33 23 13-0241	EA 18' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	28,559.17 675.00 1,100.00 2,750.00 6,720.00 8,230.00	1,374.46
08 33 23 13-0242	EA 18' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	29,773.12 675.00 1,100.00 2,750.00 6,720.00 8,230.00	1,406.96
08 33 23 13-0243	EA 18' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	30,982.94 675.00 1,100.00 2,750.00 6,720.00 8,230.00	1,439.45
08 33 23 13-0244	EA 18' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	32,243.86 675.00 1,100.00 2,750.00 6,720.00 8,230.00	1,471.96
08 33 23 13-0245	EA 18' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	34,029.53 675.00 1,100.00 2,750.00 6,720.00 8,230.00	1,504.45
08 33 23 13-0246	EA 18' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	35,864.93 675.00 1,100.00 2,750.00 6,720.00 8,230.00	1,536.95

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 33 23 13-0247	EA	18' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	36,785.32	1,592.52
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	6,720.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	8,230.00	
08 33 23 13-0248	EA	18' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	37,776.80	1,633.93
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	6,720.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	8,230.00	
08 33 23 13-0249	EA	18' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	39,343.55	1,676.41
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	6,720.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	8,230.00	
08 33 23 13-0250	EA	18' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	40,960.83	1,720.00
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	6,720.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	8,230.00	

08 33 23 13-0251 19' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)
(08 33 23 13-0118)

08 33 23 13-0252	EA	19' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	28,555.90	1,372.83
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0253	EA	19' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	29,771.36	1,406.07
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0254	EA	19' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	30,982.67	1,439.32
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0255	EA	19' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	32,245.08	1,472.56
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0256	EA	19' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	34,032.25	1,505.81
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0257	EA	19' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	35,869.14	1,539.05
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0258	EA	19' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	36,744.88	1,572.30
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0259	EA	19' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	37,767.25	1,629.15
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0260	EA	19' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	39,333.75	1,671.50
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0261	EA	19' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	40,950.77	1,714.97
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0262	EA	19' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	42,570.06	1,759.56
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	

08 33 23 13-0263 20' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)
(08 33 23 13-0118)

08 33 23 13-0264	EA	20' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	29,768.02	1,404.40
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0265	EA	20' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	30,980.86	1,438.41
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0266	EA	20' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	32,244.80	1,472.42
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0267 EA 20' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	34,033.50 675.00 1,100.00 2,750.00	1,506.43
08 33 23 13-0268 EA 20' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	35,871.92 675.00 1,100.00 2,750.00	1,540.44
08 33 23 13-0269 EA 20' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	36,749.19 675.00 1,100.00 2,750.00	1,574.45
08 33 23 13-0270 EA 20' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	37,725.88 675.00 1,100.00 2,750.00	1,608.46
08 33 23 13-0271 EA 20' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	39,323.97 675.00 1,100.00 2,750.00	1,666.62
08 33 23 13-0272 EA 20' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	40,940.75 675.00 1,100.00 2,750.00	1,709.95
08 33 23 13-0273 EA 20' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	42,559.77 675.00 1,100.00 2,750.00	1,754.41
08 33 23 13-0274 EA 20' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	43,987.78 675.00 1,100.00 2,750.00	1,800.02
08 33 23 13-0275 21' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) <small>(08 33 23 13-0118)</small>		
08 33 23 13-0276 EA 21' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	37,119.67 675.00 1,100.00 2,750.00	1,506.29
08 33 23 13-0277 EA 21' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	38,909.94 675.00 1,100.00 2,750.00	1,541.08
08 33 23 13-0278 EA 21' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	40,748.53 675.00 1,100.00 2,750.00	1,575.87
08 33 23 13-0279 EA 21' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	41,630.12 675.00 1,100.00 2,750.00	1,610.66
08 33 23 13-0280 EA 21' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	42,607.01 675.00 1,100.00 2,750.00	1,645.45
08 33 23 13-0281 EA 21' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	44,207.78 675.00 1,100.00 2,750.00	1,704.96
08 33 23 13-0282 EA 21' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	45,826.55 675.00 1,100.00 2,750.00	1,749.28
08 33 23 13-0283 EA 21' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	47,447.62 675.00 1,100.00 2,750.00	1,794.76
08 33 23 13-0284 EA 21' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	48,877.72 675.00 1,100.00 2,750.00	1,841.43
08 33 23 13-0285 22' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) <small>(08 33 23 13-0118)</small>		
08 33 23 13-0286 EA 22' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	38,525.73 675.00 1,100.00 2,750.00	1,540.93
08 33 23 13-0287 EA 22' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	40,318.98 675.00 1,100.00 2,750.00	1,576.53
08 33 23 13-0288 EA 22' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	42,157.80 675.00 1,100.00 2,750.00	1,612.12

08 Openings
08 30 Specialty Doors and Frames
08 33 Coiling Doors and Grilles

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 33 23 13-0289	EA	22' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	43,039.60	1,647.71
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0290	EA	22' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	44,020.85	1,683.30
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0291	EA	22' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	45,624.37	1,744.16
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0292	EA	22' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	47,245.17	1,789.51
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0293	EA	22' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	48,866.95	1,836.04
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0294	EA	22' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	50,300.58	1,883.78
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	

08 33 23 13-0295 23' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118)

08 33 23 13-0296	EA	23' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	39,934.77	1,576.38
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0297	EA	23' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	41,728.28	1,612.79
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0298	EA	23' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	43,570.11	1,649.20
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0299	EA	23' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	44,453.56	1,685.61
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0300	EA	23' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	45,435.07	1,722.02
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0301	EA	23' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	47,042.75	1,784.28
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0302	EA	23' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	48,664.26	1,830.68
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0303	EA	23' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	50,289.56	1,878.27
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0304	EA	23' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	51,725.40	1,927.10
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	

08 33 23 13-0305 24' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118)

08 33 23 13-0306	EA	24' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	41,344.06	1,612.64
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0307	EA	24' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	43,139.24	1,649.88
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0308	EA	24' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	44,984.13	1,687.13
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0309	EA	24' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	45,869.26	1,724.37
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0310	EA	24' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	46,851.05	1,761.62
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0311	EA		24' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	48,460.22 675.00 1,100.00 2,750.00	1,825.32
08 33 23 13-0312	EA		24' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	50,085.25 675.00 1,100.00 2,750.00	1,872.78
08 33 23 13-0313	EA		24' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	51,714.12 675.00 1,100.00 2,750.00	1,921.48
08 33 23 13-0314	EA		24' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	53,149.43 675.00 1,100.00 2,750.00	1,971.43
08 33 23 13-0315			Rytec® Fast-Seal® Door Options <small>(08 33 23 13-0117)</small>		
08 33 23 13-0316	LF		Strapped Windbar For Rytec® Fast-Seal® High-Speed Rolling Doors <i>Note: Multiply linear foot price x width of door.</i>	38.36	
08 33 23 13-0317	EA		Up To 10' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors.....	415.57	
08 33 23 13-0318	EA		>10' To 15' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors.....	690.48	
08 33 23 13-0319	EA		>15' To 20' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors.....	1,015.42	
08 33 23 13-0320	EA		>20' To 24' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors.....	1,519.06	
08 33 23 13-0321	EA		One 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Window With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors.....	242.95	
08 33 23 13-0322	EA		Two 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors..... <i>Note: Door must be at least 90" wide.</i>	479.50	
08 33 23 13-0323	EA		Three 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors..... <i>Note: Door must be at least 102" wide.</i>	607.37	
08 33 23 13-0324	EA		Four 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors..... <i>Note: Door must be at least 136" wide.</i>	959.00	
08 33 23 13-0325	EA		One 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Window With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors.....	281.31	
08 33 23 13-0326	EA		Two 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors..... <i>Note: Door must be at least 108" wide.</i>	556.22	
08 33 23 13-0327	EA		Three 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors..... <i>Note: Door must be at least 144" wide.</i>	690.48	
08 33 23 13-0328	EA		Four 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors..... <i>Note: Door must be at least 192" wide.</i>	1,112.44	
08 33 23 13-0329	EA		Sloped Roll And Motor Cover For Interior Or Exterior Door Widths Of 8' Or 10'..... <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	723.90 115.82 506.73	
08 33 23 13-0330	EA		Sloped Roll And Motor Cover For Interior Or Exterior Door Widths Of 12' Or 14'..... <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	941.07 150.57 658.75	
08 33 23 13-0331	EA		Sloped Roll And Motor Cover For Interior Or Exterior Door Widths Of 16' Or 18'..... <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	1,230.63 196.90 861.44	
08 33 23 13-0332	EA		Through Wall Brake Release.....	142.91	
08 33 23 13-0333	EA		Explosion Proof Upgrade Package: Control Box, Motor, Rotary Limit Switch, Photo-eyes, Safety Bar, Push Buttons..... <i>For NEMA 12 Control Box Mounted Outside Explosion Proof Area, Deduct</i>	20,775.93 -6,200.00	
08 33 23 13-0334			High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) <small>(08 33 23 13)</small> <i>Note: Rytec® Powerhouse™. Door panel is styrene butadiene rubber (SBR) panel 1/4" thick, made of two 1/8" thick layers, 60 durometer; sandwiched with 1-ply, 110 lbs polyester cord center. Panel includes bonded SBR beveled segmented windlocks to allow the door panel to effectively release from the side frame in case of accidental impact. Vertical orange stripes for visual safety awareness. Side frames are structural columns consisting of 5 x 2 x 1/4" structural steel tubing, welded to a reinforced 0.22" thick steel 'Z' mounting bracket and 0.18" thick steel hinged cover. Drive system is a 480 volt, 3-phase variable speed AC Drive motor with brake and absolute encoder. Opens at up to 60" per second and closes at 21" per second.</i>		
08 33 23 13-0335			High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) <small>(08 33 23 13-0334)</small>		
08 33 23 13-0336			8' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) <small>(08 33 23 13-0335)</small>		
08 33 23 13-0337	EA		8' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	24,189.96	1,047.25
08 33 23 13-0338	EA		8' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	24,412.26	1,076.93
08 33 23 13-0339	EA		8' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	24,796.12	1,106.60
08 33 23 13-0340	EA		8' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	25,180.01	1,136.27
08 33 23 13-0341	EA		8' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	25,565.26	1,165.94
08 33 23 13-0342	EA		8' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	25,949.12	1,195.62
08 33 23 13-0343	EA		8' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	26,170.04	1,225.29
08 33 23 13-0344	EA		8' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	26,559.67	1,257.15
08 33 23 13-0345	EA		8' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	27,274.09	1,289.83
08 33 23 13-0346	EA		8' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	27,504.12	1,323.36
08 33 23 13-0347	EA		8' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	28,060.40	1,357.78

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

		MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST	
08 33 23 13-0348		9' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) (08 33 23 13-0335)						
08 33 23 13-0349	EA	9' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			24,412.26	1,076.93		
08 33 23 13-0350	EA	9' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			24,633.17	1,106.60		
08 33 23 13-0351	EA	9' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			25,018.44	1,136.27		
08 33 23 13-0352	EA	9' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			25,565.26	1,165.94		
08 33 23 13-0353	EA	9' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			25,786.17	1,195.62		
08 33 23 13-0354	EA	9' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			26,170.04	1,225.29		
08 33 23 13-0355	EA	9' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			26,555.30	1,254.96		
08 33 23 13-0356	EA	9' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			26,949.56	1,289.83		
08 33 23 13-0357	EA	9' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			27,828.65	1,323.36		
08 33 23 13-0358	EA	9' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			28,710.84	1,357.78		
08 33 23 13-0359	EA	9' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			29,593.46	1,393.08		
08 33 23 13-0360		10' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) (08 33 23 13-0335)						
08 33 23 13-0361	EA	10' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			25,608.13	1,106.60		
08 33 23 13-0362	EA	10' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			25,830.44	1,136.27		
08 33 23 13-0363	EA	10' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			26,214.31	1,165.94		
08 33 23 13-0364	EA	10' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			26,761.13	1,195.62		
08 33 23 13-0365	EA	10' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			27,145.00	1,225.29		
08 33 23 13-0366	EA	10' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			27,530.26	1,254.96		
08 33 23 13-0367	EA	10' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			27,914.13	1,284.63		
08 33 23 13-0368	EA	10' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			28,477.80	1,322.72		
08 33 23 13-0369	EA	10' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			29,195.62	1,357.12		
08 33 23 13-0370	EA	10' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			30,241.15	1,392.39		
08 33 23 13-0371	EA	10' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			31,126.95	1,428.59		
08 33 23 13-0372		11' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) (08 33 23 13-0335)						
08 33 23 13-0373	EA	11' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			25,667.49	1,136.27		
08 33 23 13-0374	EA	11' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			26,051.36	1,165.94		
08 33 23 13-0375	EA	11' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			26,436.61	1,195.62		
08 33 23 13-0376	EA	11' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			26,983.43	1,225.29		
08 33 23 13-0377	EA	11' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			27,367.30	1,254.96		
08 33 23 13-0378	EA	11' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			27,751.18	1,284.63		
08 33 23 13-0379	EA	11' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			28,623.91	1,314.30		
08 33 23 13-0380	EA	11' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			29,679.93	1,355.52		
08 33 23 13-0381	EA	11' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			30,725.38	1,390.77		
08 33 23 13-0382	EA	11' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			31,772.66	1,426.93		
08 33 23 13-0383	EA	11' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			32,658.87	1,464.02		
08 33 23 13-0384		12' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) (08 33 23 13-0335)						
08 33 23 13-0385	EA	12' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			25,889.78	1,165.94		
08 33 23 13-0386	EA	12' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			26,273.65	1,195.62		
08 33 23 13-0387	EA	12' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			26,657.52	1,225.29		
08 33 23 13-0388	EA	12' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			27,204.35	1,254.96		
08 33 23 13-0389	EA	12' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			27,751.18	1,284.63		
08 33 23 13-0390	EA	12' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			28,785.48	1,314.30		
08 33 23 13-0391	EA	12' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			29,819.78	1,343.98		
08 33 23 13-0392	EA	12' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			30,883.46	1,388.33		
08 33 23 13-0393	EA	12' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			32,092.17	1,424.43		
08 33 23 13-0394	EA	12' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			33,141.21	1,461.46		
08 33 23 13-0395	EA	12' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			34,192.16	1,499.46		
08 33 23 13-0396		13' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) (08 33 23 13-0335)						
08 33 23 13-0397	EA	13' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			26,273.65	1,195.62		
08 33 23 13-0398	EA	13' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			26,495.95	1,225.29		
08 33 23 13-0399	EA	13' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			26,879.82	1,254.96		
08 33 23 13-0400	EA	13' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			27,589.61	1,284.63		
08 33 23 13-0401	EA	13' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			28,785.48	1,314.30		
08 33 23 13-0402	EA	13' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			29,982.74	1,343.98		
08 33 23 13-0403	EA	13' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			31,017.04	1,373.65		
08 33 23 13-0404	EA	13' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			32,248.75	1,421.23		
08 33 23 13-0405	EA	13' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			33,460.57	1,458.18		
08 33 23 13-0406	EA	13' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			34,672.93	1,496.10		
08 33 23 13-0407	EA	13' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			35,725.69	1,534.99		
08 33 23 13-0408		14' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) (08 33 23 13-0335)						
08 33 23 13-0409	EA	14' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			26,495.95	1,225.29		
08 33 23 13-0410	EA	14' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			26,716.87	1,254.96		
08 33 23 13-0411	EA	14' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)			27,263.70	1,284.63		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 33 23 13-0412	EA	14' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,298.00	1,314.30
08 33 23 13-0413	EA	14' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	29,819.78	1,343.98
08 33 23 13-0414	EA	14' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	31,017.04	1,373.65
08 33 23 13-0415	EA	14' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,375.88	1,403.32
08 33 23 13-0416	EA	14' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,613.88	1,454.07
08 33 23 13-0417	EA	14' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,827.42	1,491.87
08 33 23 13-0418	EA	14' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,041.53	1,530.65
08 33 23 13-0419	EA	14' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,421.99	1,570.45

08 33 23 13-0420 15' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) (08 33 23 13-0335)

08 33 23 13-0421	EA	15' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	27,527.28	1,253.47
08 33 23 13-0422	EA	15' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	27,912.51	1,283.83
08 33 23 13-0423	EA	15' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,460.71	1,314.17
08 33 23 13-0424	EA	15' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	29,170.47	1,344.53
08 33 23 13-0425	EA	15' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,856.58	1,374.89
08 33 23 13-0426	EA	15' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,216.76	1,405.24
08 33 23 13-0427	EA	15' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,576.97	1,435.60
08 33 23 13-0428	EA	15' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,818.71	1,487.51
08 33 23 13-0429	EA	15' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,195.54	1,526.17
08 33 23 13-0430	EA	15' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,574.39	1,565.87
08 33 23 13-0431	EA	15' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,955.31	1,606.57

08 33 23 13-0432 16' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) (08 33 23 13-0335)

08 33 23 13-0433	EA	16' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	27,746.51	1,282.30
08 33 23 13-0434	EA	16' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,296.09	1,313.35
08 33 23 13-0435	EA	16' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,845.69	1,344.40
08 33 23 13-0436	EA	16' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,207.28	1,375.45
08 33 23 13-0437	EA	16' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,056.35	1,406.51
08 33 23 13-0438	EA	16' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,419.32	1,437.57
08 33 23 13-0439	EA	16' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,780.93	1,468.61
08 33 23 13-0440	EA	16' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,186.62	1,521.71
08 33 23 13-0441	EA	16' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,565.23	1,561.29
08 33 23 13-0442	EA	16' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,945.91	1,601.88
08 33 23 13-0443	EA	16' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,491.65	1,643.53

08 33 23 13-0444 17' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) (08 33 23 13-0335)

08 33 23 13-0445	EA	17' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,131.40	1,311.79
08 33 23 13-0446	EA	17' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,519.46	1,343.56
08 33 23 13-0447	EA	17' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	29,882.47	1,375.33
08 33 23 13-0448	EA	17' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	31,245.50	1,407.09
08 33 23 13-0449	EA	17' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,096.00	1,438.86
08 33 23 13-0450	EA	17' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,621.98	1,470.63
08 33 23 13-0451	EA	17' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,985.01	1,502.39
08 33 23 13-0452	EA	17' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,556.11	1,556.72
08 33 23 13-0453	EA	17' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,936.54	1,597.19
08 33 23 13-0454	EA	17' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,482.04	1,638.72
08 33 23 13-0455	EA	17' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,029.69	1,681.33

08 33 23 13-0456 18' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) (08 33 23 13-0335)

08 33 23 13-0457	EA	18' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,516.27	1,341.97
08 33 23 13-0458	EA	18' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,905.79	1,374.46
08 33 23 13-0459	EA	18' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,757.75	1,406.97
08 33 23 13-0460	EA	18' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,285.19	1,439.45
08 33 23 13-0461	EA	18' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,137.16	1,471.95
08 33 23 13-0462	EA	18' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,664.60	1,504.45
08 33 23 13-0463	EA	18' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,354.99	1,536.95
08 33 23 13-0464	EA	18' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,927.20	1,592.52
08 33 23 13-0465	EA	18' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,472.45	1,633.93
08 33 23 13-0466	EA	18' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,019.86	1,676.41
08 33 23 13-0467	EA	18' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,569.48	1,719.99

08 33 23 13-0468 19' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) (08 33 23 13-0335)

08 33 23 13-0469	EA	19' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	29,227.05	1,372.82
08 33 23 13-0470	EA	19' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	29,781.02	1,406.08
08 33 23 13-0471	EA	19' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	31,797.43	1,439.32
08 33 23 13-0472	EA	19' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,326.37	1,472.57
08 33 23 13-0473	EA	19' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,342.78	1,505.81
08 33 23 13-0474	EA	19' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,871.72	1,539.06
08 33 23 13-0475	EA	19' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,562.23	1,572.30
08 33 23 13-0476	EA	19' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,138.37	1,629.15
08 33 23 13-0477	EA	19' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,847.11	1,671.51
08 33 23 13-0478	EA	19' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,396.46	1,714.97
08 33 23 13-0479	EA	19' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,111.04	1,759.57

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23	13-0480		20' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) <small>(08 33 23 13-0335)</small>		
08 33 23	13-0481	EA	20' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,265.17	1,404.40
08 33 23	13-0482	EA	20' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,820.67	1,438.41
08 33 23	13-0483	EA	20' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,675.66	1,472.43
08 33 23	13-0484	EA	20' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,369.08	1,506.42
08 33 23	13-0485	EA	20' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,387.02	1,540.44
08 33 23	13-0486	EA	20' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,079.06	1,574.45
08 33 23	13-0487	EA	20' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,772.46	1,608.47
08 33 23	13-0488	EA	20' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,512.80	1,666.62
08 33 23	13-0489	EA	20' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,224.86	1,709.96
08 33 23	13-0490	EA	20' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,937.79	1,754.40
08 33 23	13-0491	EA	20' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	46,653.05	1,800.03
08 33 23	13-0492		21' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) <small>(08 33 23 13-0335)</small>		
08 33 23	13-0493	EA	21' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,492.73	1,436.70
08 33 23	13-0494	EA	21' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,024.76	1,471.49
08 33 23	13-0495	EA	21' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,556.78	1,506.29
08 33 23	13-0496	EA	21' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,413.33	1,541.08
08 33 23	13-0497	EA	21' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,432.83	1,575.87
08 33 23	13-0498	EA	21' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,289.39	1,610.66
08 33 23	13-0499	EA	21' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,982.99	1,645.46
08 33 23	13-0500	EA	21' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,886.96	1,704.96
08 33 23	13-0501	EA	21' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,603.02	1,749.29
08 33 23	13-0502	EA	21' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	46,317.98	1,794.76
08 33 23	13-0503	EA	21' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	48,198.28	1,841.42
08 33 23	13-0504		22' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) <small>(08 33 23 13-0335)</small>		
08 33 23	13-0505	EA	22' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,883.34	1,469.75
08 33 23	13-0506	EA	22' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,254.01	1,505.35
08 33 23	13-0507	EA	22' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,601.03	1,540.93
08 33 23	13-0508	EA	22' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,459.18	1,576.53
08 33 23	13-0509	EA	22' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,641.87	1,612.12
08 33 23	13-0510	EA	22' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,500.01	1,647.72
08 33 23	13-0511	EA	22' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,196.60	1,683.30
08 33 23	13-0512	EA	22' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,105.29	1,744.16
08 33 23	13-0513	EA	22' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,982.96	1,789.51
08 33 23	13-0514	EA	22' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,862.98	1,836.04
08 33 23	13-0515	EA	22' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,745.42	1,883.78
08 33 23	13-0516		23' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) <small>(08 33 23 13-0335)</small>		
08 33 23	13-0517	EA	23' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,088.87	1,503.55
08 33 23	13-0518	EA	23' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,298.22	1,539.97
08 33 23	13-0519	EA	23' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,483.92	1,576.38
08 33 23	13-0520	EA	23' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,506.65	1,612.79
08 33 23	13-0521	EA	23' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,690.98	1,649.20
08 33 23	13-0522	EA	23' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,550.77	1,685.60
08 33 23	13-0523	EA	23' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,573.52	1,722.03
08 33 23	13-0524	EA	23' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,485.02	1,784.29
08 33 23	13-0525	EA	23' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,364.77	1,830.67
08 33 23	13-0526	EA	23' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,409.90	1,878.27
08 33 23	13-0527	EA	23' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,294.53	1,927.11
08 33 23	13-0528		24' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) <small>(08 33 23 13-0335)</small>		
08 33 23	13-0529	EA	24' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,133.00	1,538.13
08 33 23	13-0530	EA	24' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,019.50	1,575.39
08 33 23	13-0531	EA	24' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,531.39	1,612.64
08 33 23	13-0532	EA	24' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,392.86	1,649.88
08 33 23	13-0533	EA	24' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,741.80	1,687.13
08 33 23	13-0534	EA	24' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,766.23	1,724.37
08 33 23	13-0535	EA	24' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,789.27	1,761.62
08 33 23	13-0536	EA	24' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	46,866.59	1,825.32
08 33 23	13-0537	EA	24' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	48,748.47	1,872.78
08 33 23	13-0538	EA	24' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	50,795.78	1,921.47
08 33 23	13-0539	EA	24' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	52,845.62	1,971.44
08 33 23	13-0540		Rytec® Powerhouse™ Door Options <small>(08 33 23 13-0334)</small>		
08 33 23	13-0541	EA	Up To 8' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,112.88	
08 33 23	13-0542	EA	9' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,154.31	
08 33 23	13-0543	EA	10' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,195.74	
08 33 23	13-0544	EA	11' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,237.16	
08 33 23	13-0545	EA	12' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,278.59	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 33 23 13-0546	EA	13' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,320.02	
08 33 23 13-0547	EA	14' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,361.45	
08 33 23 13-0548	EA	15' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,402.88	
08 33 23 13-0549	EA	16' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,444.31	
08 33 23 13-0550	EA	17' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,485.74	
08 33 23 13-0551	EA	18' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,527.17	
08 33 23 13-0552	EA	19' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,568.60	
08 33 23 13-0553	EA	20' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,610.03	
08 33 23 13-0554	EA	21' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,651.45	
08 33 23 13-0555	EA	22' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,692.88	
08 33 23 13-0556	EA	23' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,734.31	
08 33 23 13-0557	EA	24' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,775.74	
08 33 23 13-0558	EA	11" x 20" Window For Rytec® Powerhouse™ High-Speed Rolling Doors	483.34	
08 33 23 13-0559	EA	208-230 Volt Application For Rytec® Powerhouse™ Door	1,187.63	

Note: Includes System 4 Controller In NEMA 4 Enclosure

08 33 23 13-0560

Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral®) (08 33 23 13)

Note: Door panels are double-walled aluminum slats that are 6" high x 1-3/16" thick. Width is variable. Side frames are galvanized steel with full height weather seal on both sides. There are extension springs in each column for counterbalance. The drive system is a 2 HP, 208,230/460 Volt, three-phase motor with variable speed AC drive. Opening and closing speeds up to 60" per second.

08 33 23 13-0561

Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral®) (08 33 23 13-0560)

08 33 23 13-0562

8' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 23 13-0561)

08 33 23 13-0563	EA	8' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	26,160.41	1,396.34
08 33 23 13-0564	EA	8' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	26,911.52	1,426.01
08 33 23 13-0565	EA	8' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	27,662.62	1,455.68
08 33 23 13-0566	EA	8' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,415.00	1,485.35
08 33 23 13-0567	EA	8' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	29,166.11	1,515.03
08 33 23 13-0568	EA	8' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	29,917.22	1,544.70
08 33 23 13-0569	EA	8' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,668.33	1,574.37
08 33 23 13-0570	EA	8' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,798.91	1,605.86
08 33 23 13-0571	EA	8' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,549.10	1,637.97
08 33 23 13-0572	EA	8' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,298.59	1,670.73
08 33 23 13-0573	EA	8' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,050.37	1,704.15

08 33 23 13-0574

9' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 23 13-0561)

08 33 23 13-0575	EA	9' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	26,911.52	1,426.01
08 33 23 13-0576	EA	9' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	27,662.62	1,455.68
08 33 23 13-0577	EA	9' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,415.00	1,485.35
08 33 23 13-0578	EA	9' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	29,166.11	1,515.03
08 33 23 13-0579	EA	9' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	29,917.22	1,544.70
08 33 23 13-0580	EA	9' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,668.33	1,574.37
08 33 23 13-0581	EA	9' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,801.67	1,604.05
08 33 23 13-0582	EA	9' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,539.90	1,636.12
08 33 23 13-0583	EA	9' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,303.09	1,668.85
08 33 23 13-0584	EA	9' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,054.80	1,702.23
08 33 23 13-0585	EA	9' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,807.86	1,736.26

08 33 23 13-0586

10' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 23 13-0561)

08 33 23 13-0587	EA	10' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	27,662.62	1,455.68
08 33 23 13-0588	EA	10' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,415.00	1,485.35
08 33 23 13-0589	EA	10' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	29,166.11	1,515.03
08 33 23 13-0590	EA	10' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	29,917.22	1,544.70
08 33 23 13-0591	EA	10' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,668.33	1,574.37
08 33 23 13-0592	EA	10' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	31,419.43	1,604.05
08 33 23 13-0593	EA	10' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,552.78	1,633.72
08 33 23 13-0594	EA	10' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,303.70	1,666.39
08 33 23 13-0595	EA	10' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,055.31	1,699.72
08 33 23 13-0596	EA	10' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,808.26	1,733.72
08 33 23 13-0597	EA	10' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,562.58	1,768.38

08 33 23 13-0598

11' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 23 13-0561)

08 33 23 13-0599	EA	11' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,415.00	1,485.35
08 33 23 13-0600	EA	11' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	29,166.11	1,515.03
08 33 23 13-0601	EA	11' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	29,917.22	1,544.70
08 33 23 13-0602	EA	11' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,668.33	1,574.37
08 33 23 13-0603	EA	11' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	31,419.43	1,604.05
08 33 23 13-0604	EA	11' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,170.53	1,633.72
08 33 23 13-0605	EA	11' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,302.61	1,663.39
08 33 23 13-0606	EA	11' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,056.09	1,696.66
08 33 23 13-0607	EA	11' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,808.92	1,730.59
08 33 23 13-0608	EA	11' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,563.10	1,765.20
08 33 23 13-0609	EA	11' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,318.66	1,800.51

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

		08 33 23 13-0610		12' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 23 13-0561)			
08 33 23 13-0611	EA	12' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	29,166.11		1,515.03		
08 33 23 13-0612	EA	12' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	29,917.22		1,544.70		
08 33 23 13-0613	EA	12' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,668.33		1,574.37		
08 33 23 13-0614	EA	12' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	31,419.43		1,604.05		
08 33 23 13-0615	EA	12' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,170.53		1,633.72		
08 33 23 13-0616	EA	12' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,921.64		1,663.39		
08 33 23 13-0617	EA	12' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,054.99		1,693.06		
08 33 23 13-0618	EA	12' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,808.49		1,726.92		
08 33 23 13-0619	EA	12' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,562.53		1,761.46		
08 33 23 13-0620	EA	12' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,317.94		1,796.69		
08 33 23 13-0621	EA	12' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,076.15		1,832.63		
		08 33 23 13-0622		13' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 23 13-0561)			
08 33 23 13-0623	EA	13' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	29,917.22		1,544.70		
08 33 23 13-0624	EA	13' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,668.33		1,574.37		
08 33 23 13-0625	EA	13' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	31,419.43		1,604.05		
08 33 23 13-0626	EA	13' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,170.53		1,633.72		
08 33 23 13-0627	EA	13' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,921.64		1,663.39		
08 33 23 13-0628	EA	13' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,672.74		1,693.06		
08 33 23 13-0629	EA	13' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,808.10		1,722.73		
08 33 23 13-0630	EA	13' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,560.88		1,757.19		
08 33 23 13-0631	EA	13' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,316.13		1,792.33		
08 33 23 13-0632	EA	13' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,072.79		1,828.18		
08 33 23 13-0633	EA	13' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,830.87		1,864.74		
		08 33 23 13-0634		14' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 23 13-0561)			
08 33 23 13-0635	EA	14' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,050.57		1,574.37		
08 33 23 13-0636	EA	14' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,801.67		1,604.05		
08 33 23 13-0637	EA	14' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,552.78		1,633.72		
08 33 23 13-0638	EA	14' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,302.61		1,663.39		
08 33 23 13-0639	EA	14' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,054.99		1,693.06		
08 33 23 13-0640	EA	14' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,806.10		1,722.73		
08 33 23 13-0641	EA	14' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,550.81		1,752.41		
08 33 23 13-0642	EA	14' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,306.38		1,787.45		
08 33 23 13-0643	EA	14' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,062.83		1,823.20		
08 33 23 13-0644	EA	14' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,820.73		1,859.67		
08 33 23 13-0645	EA	14' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,580.08		1,896.85		
		08 33 23 13-0646		15' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 23 13-0561)			
08 33 23 13-0647	EA	15' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,798.91		1,605.86		
08 33 23 13-0648	EA	15' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,552.69		1,636.12		
08 33 23 13-0649	EA	15' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,303.70		1,666.39		
08 33 23 13-0650	EA	15' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,056.09		1,696.66		
08 33 23 13-0651	EA	15' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,808.49		1,726.92		
08 33 23 13-0652	EA	15' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,560.88		1,757.19		
08 33 23 13-0653	EA	15' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,306.38		1,787.45		
08 33 23 13-0654	EA	15' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,062.83		1,823.20		
08 33 23 13-0655	EA	15' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,820.73		1,859.67		
08 33 23 13-0656	EA	15' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,580.08		1,896.85		
08 33 23 13-0657	EA	15' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,340.90		1,934.80		
		08 33 23 13-0658		16' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 23 13-0561)			
08 33 23 13-0659	EA	16' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,548.10		1,637.97		
08 33 23 13-0660	EA	16' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,303.09		1,668.85		
08 33 23 13-0661	EA	16' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,055.31		1,699.72		
08 33 23 13-0662	EA	16' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,808.92		1,730.59		
08 33 23 13-0663	EA	16' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,562.53		1,761.46		
08 33 23 13-0664	EA	16' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,316.13		1,792.33		
08 33 23 13-0665	EA	16' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,062.83		1,823.20		
08 33 23 13-0666	EA	16' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,820.73		1,859.67		
08 33 23 13-0667	EA	16' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,580.08		1,896.85		
08 33 23 13-0668	EA	16' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,340.90		1,934.80		
08 33 23 13-0669	EA	16' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	41,104.64		1,973.49		
		08 33 23 13-0670		17' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 23 13-0561)			
08 33 23 13-0671	EA	17' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,298.59		1,670.73		
08 33 23 13-0672	EA	17' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,054.80		1,702.23		
08 33 23 13-0673	EA	17' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,808.26		1,733.72		
08 33 23 13-0674	EA	17' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,563.10		1,765.20		
08 33 23 13-0675	EA	17' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,317.94		1,796.69		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 33 23 13-0676	EA			17' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	38,072.79	1,828.18
08 33 23 13-0677	EA			17' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	38,820.73	1,859.67
08 33 23 13-0678	EA			17' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	39,580.08	1,896.85
08 33 23 13-0679	EA			17' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	40,340.90	1,934.80
08 33 23 13-0680	EA			17' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	41,104.64	1,973.49
08 33 23 13-0681	EA			17' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	41,868.52	2,012.96

08 33 23 13-0682 18' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 23 13-0561)

08 33 23 13-0683	EA			18' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	35,203.66	1,704.15
08 33 23 13-0684	EA			18' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	35,959.77	1,736.26
08 33 23 13-0685	EA			18' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	36,715.86	1,768.38
08 33 23 13-0686	EA			18' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	37,470.57	1,800.51
08 33 23 13-0687	EA			18' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	38,228.06	1,832.63
08 33 23 13-0688	EA			18' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	38,982.77	1,864.74
08 33 23 13-0689	EA			18' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	39,733.36	1,896.85
08 33 23 13-0690	EA			18' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	40,494.18	1,934.80
08 33 23 13-0691	EA			18' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	41,256.54	1,973.49
08 33 23 13-0692	EA			18' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	42,020.43	2,012.96
08 33 23 13-0693	EA			18' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	42,785.91	2,053.23

08 33 23 13-0694 19' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 23 13-0561)

08 33 23 13-0695	EA			19' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	36,184.63	1,738.24
08 33 23 13-0696	EA			19' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	36,943.40	1,771.00
08 33 23 13-0697	EA			19' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	37,699.41	1,803.76
08 33 23 13-0698	EA			19' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	38,456.81	1,836.52
08 33 23 13-0699	EA			19' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	39,214.19	1,869.28
08 33 23 13-0700	EA			19' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	39,971.56	1,902.04
08 33 23 13-0701	EA			19' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	40,722.04	1,934.80
08 33 23 13-0702	EA			19' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	41,484.40	1,973.49
08 33 23 13-0703	EA			19' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	42,248.29	2,012.96
08 33 23 13-0704	EA			19' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	43,013.77	2,053.23
08 33 23 13-0705	EA			19' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	43,782.25	2,094.29

08 33 23 13-0706 20' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 23 13-0561)

08 33 23 13-0707	EA			20' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	37,395.77	1,773.35
08 33 23 13-0708	EA			20' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	38,156.50	1,805.93
08 33 23 13-0709	EA			20' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	38,913.31	1,839.68
08 33 23 13-0710	EA			20' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	39,672.67	1,873.42
08 33 23 13-0711	EA			20' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	40,430.86	1,907.16
08 33 23 13-0712	EA			20' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	41,189.04	1,939.75
08 33 23 13-0713	EA			20' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	41,941.50	1,973.49
08 33 23 13-0714	EA			20' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	42,705.58	2,013.05
08 33 23 13-0715	EA			20' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	43,470.83	2,053.78
08 33 23 13-0716	EA			20' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	44,238.41	2,094.51
08 33 23 13-0717	EA			20' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	45,007.14	2,136.40

08 33 23 13-0718 Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) (08 33 23 13-0560)

08 33 23 13-0719 8' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) (08 33 23 13-0718)

08 33 23 13-0720	EA			8' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	26,069.60	930.89
08 33 23 13-0721	EA			8' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	26,642.36	950.67
08 33 23 13-0722	EA			8' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	27,215.14	970.45
08 33 23 13-0723	EA			8' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	27,785.36	990.23
08 33 23 13-0724	EA			8' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	28,358.13	1,010.01
08 33 23 13-0725	EA			8' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	28,930.89	1,029.80
08 33 23 13-0726	EA			8' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	34,833.16	1,049.59

08 33 23 13-0727 9' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) (08 33 23 13-0718)

08 33 23 13-0728	EA			9' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	26,642.36	950.67
08 33 23 13-0729	EA			9' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	27,215.14	970.45
08 33 23 13-0730	EA			9' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	27,785.36	990.23
08 33 23 13-0731	EA			9' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	28,358.13	1,010.01
08 33 23 13-0732	EA			9' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	28,930.89	1,029.80
08 33 23 13-0733	EA			9' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	29,503.66	1,049.59
08 33 23 13-0734	EA			9' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	35,405.93	1,069.37

08 33 23 13-0735 10' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) (08 33 23 13-0718)

08 33 23 13-0736	EA			10' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	27,215.14	970.45
08 33 23 13-0737	EA			10' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	27,785.36	990.23
08 33 23 13-0738	EA			10' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	28,358.13	1,010.01

08 Openings
08 30 Specialty Doors and Frames
08 33 Coiling Doors and Grilles

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 33 23 13-0739	EA	10' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	28,930.89	1,029.80
08 33 23 13-0740	EA	10' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	29,503.66	1,049.59
08 33 23 13-0741	EA	10' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	30,076.42	1,069.37
08 33 23 13-0742	EA	10' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	35,978.71	1,089.15
08 33 23 13-0743		11' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) (08 33 23 13-0718)		
08 33 23 13-0744	EA	11' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	27,785.36	990.23
08 33 23 13-0745	EA	11' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	28,358.13	1,010.01
08 33 23 13-0746	EA	11' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	28,930.89	1,029.80
08 33 23 13-0747	EA	11' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	29,503.66	1,049.59
08 33 23 13-0748	EA	11' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	30,076.42	1,069.37
08 33 23 13-0749	EA	11' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	30,649.20	1,089.15
08 33 23 13-0750	EA	11' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	36,548.91	1,108.93
08 33 23 13-0751		12' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) (08 33 23 13-0718)		
08 33 23 13-0752	EA	12' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	28,358.13	1,010.01
08 33 23 13-0753	EA	12' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	28,930.89	1,029.80
08 33 23 13-0754	EA	12' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	29,503.66	1,049.59
08 33 23 13-0755	EA	12' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	30,076.42	1,069.37
08 33 23 13-0756	EA	12' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	30,649.20	1,089.15
08 33 23 13-0757	EA	12' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	31,221.97	1,108.93
08 33 23 13-0758	EA	12' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	37,121.69	1,128.71
08 33 23 13-0759		13' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) (08 33 23 13-0718)		
08 33 23 13-0760	EA	13' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	28,930.89	1,029.80
08 33 23 13-0761	EA	13' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	29,503.66	1,049.59
08 33 23 13-0762	EA	13' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	30,076.42	1,069.37
08 33 23 13-0763	EA	13' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	30,649.20	1,089.15
08 33 23 13-0764	EA	13' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	31,221.97	1,108.93
08 33 23 13-0765	EA	13' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	31,794.74	1,128.71
08 33 23 13-0766	EA	13' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	37,694.46	1,148.49
08 33 23 13-0767		14' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) (08 33 23 13-0718)		
08 33 23 13-0768	EA	14' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	34,833.16	1,049.59
08 33 23 13-0769	EA	14' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	35,405.93	1,069.37
08 33 23 13-0770	EA	14' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	35,978.71	1,089.15
08 33 23 13-0771	EA	14' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	36,548.91	1,108.93
08 33 23 13-0772	EA	14' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	37,121.69	1,128.71
08 33 23 13-0773	EA	14' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	37,694.46	1,148.49
08 33 23 13-0774	EA	14' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,267.22	1,168.27
08 33 23 13-0775		Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) (08 33 23 13-0560)		
08 33 23 13-0776		8' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) (08 33 23 13-0775)		
08 33 23 13-0777	EA	8' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	24,242.38	930.89
08 33 23 13-0778	EA	8' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	24,815.14	950.67
08 33 23 13-0779	EA	8' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	25,387.92	970.45
08 33 23 13-0780	EA	8' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	25,959.42	990.23
08 33 23 13-0781	EA	8' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	26,532.18	1,010.01
08 33 23 13-0782	EA	8' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	27,093.20	1,024.56
08 33 23 13-0783	EA	8' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	30,961.42	1,029.80
08 33 23 13-0784		9' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) (08 33 23 13-0775)		
08 33 23 13-0785	EA	9' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	24,815.14	950.67
08 33 23 13-0786	EA	9' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	25,387.92	970.45
08 33 23 13-0787	EA	9' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	25,959.42	990.23
08 33 23 13-0788	EA	9' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	26,532.18	1,010.01
08 33 23 13-0789	EA	9' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	27,103.67	1,029.80
08 33 23 13-0790	EA	9' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	27,661.32	1,042.02
08 33 23 13-0791	EA	9' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	29,618.74	1,049.59
08 33 23 13-0792		10' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) (08 33 23 13-0775)		
08 33 23 13-0793	EA	10' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	25,387.92	970.45
08 33 23 13-0794	EA	10' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	25,959.42	990.23
08 33 23 13-0795	EA	10' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	26,532.18	1,010.01
08 33 23 13-0796	EA	10' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	27,103.67	1,029.80
08 33 23 13-0797	EA	10' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	27,676.44	1,049.59

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 33 23 13-0798	EA	10' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	28,238.73	1,064.13
08 33 23 13-0799	EA	10' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	30,350.06	1,069.37
08 33 23 13-0800		11' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) (08 33 23 13-0775)		
08 33 23 13-0801	EA	11' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	25,959.42	990.23
08 33 23 13-0802	EA	11' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	26,532.18	1,010.01
08 33 23 13-0803	EA	11' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	27,103.67	1,029.80
08 33 23 13-0804	EA	11' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	27,676.44	1,049.59
08 33 23 13-0805	EA	11' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	28,249.20	1,069.37
08 33 23 13-0806	EA	11' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	28,811.50	1,083.91
08 33 23 13-0807	EA	11' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	31,081.39	1,089.15
08 33 23 13-0808		12' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) (08 33 23 13-0775)		
08 33 23 13-0809	EA	12' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	26,532.18	1,010.01
08 33 23 13-0810	EA	12' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	27,103.67	1,029.80
08 33 23 13-0811	EA	12' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	27,676.44	1,049.59
08 33 23 13-0812	EA	12' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	28,249.20	1,069.37
08 33 23 13-0813	EA	12' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	28,821.98	1,089.15
08 33 23 13-0814	EA	12' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	29,381.94	1,102.53
08 33 23 13-0815	EA	12' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	31,812.71	1,108.93
08 33 23 13-0816		13' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) (08 33 23 13-0775)		
08 33 23 13-0817	EA	13' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	27,103.67	1,029.80
08 33 23 13-0818	EA	13' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	27,676.44	1,049.59
08 33 23 13-0819	EA	13' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	28,249.20	1,069.37
08 33 23 13-0820	EA	13' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	28,821.98	1,089.15
08 33 23 13-0821	EA	13' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	29,394.74	1,108.93
08 33 23 13-0822	EA	13' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	29,955.88	1,122.89
08 33 23 13-0823	EA	13' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	32,544.04	1,128.71
08 33 23 13-0824		14' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) (08 33 23 13-0775)		
08 33 23 13-0825	EA	14' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	31,000.98	1,049.59
08 33 23 13-0826	EA	14' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	31,732.30	1,069.37
08 33 23 13-0827	EA	14' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	32,463.64	1,089.15
08 33 23 13-0828	EA	14' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	33,193.68	1,108.93
08 33 23 13-0829	EA	14' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	33,926.29	1,128.71
08 33 23 13-0830	EA	14' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	34,647.14	1,143.25
08 33 23 13-0831	EA	14' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	34,657.61	1,148.49
08 33 23 13-0832		Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) (08 33 23 13-0560)		
08 33 23 13-0833		8' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) (08 33 23 13-0832)		
08 33 23 13-0834	EA	8' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	32,361.79	930.89
08 33 23 13-0835	EA	8' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	33,087.69	950.67
08 33 23 13-0836	EA	8' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	33,812.22	970.45
08 33 23 13-0837	EA	8' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	34,536.75	990.23
08 33 23 13-0838	EA	8' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	35,261.27	1,010.01
08 33 23 13-0839	EA	8' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	35,985.80	1,029.80
08 33 23 13-0840	EA	8' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	36,710.33	1,049.59
08 33 23 13-0841		9' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) (08 33 23 13-0832)		
08 33 23 13-0842	EA	9' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	33,087.69	950.67
08 33 23 13-0843	EA	9' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	33,812.22	970.45
08 33 23 13-0844	EA	9' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	34,536.75	990.23
08 33 23 13-0845	EA	9' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	35,261.27	1,010.01
08 33 23 13-0846	EA	9' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	35,985.80	1,029.80
08 33 23 13-0847	EA	9' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	36,710.33	1,049.59
08 33 23 13-0848	EA	9' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	37,434.86	1,069.37
08 33 23 13-0849		10' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) (08 33 23 13-0832)		
08 33 23 13-0850	EA	10' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	33,812.22	970.45
08 33 23 13-0851	EA	10' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	34,536.75	990.23
08 33 23 13-0852	EA	10' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	35,261.27	1,010.01
08 33 23 13-0853	EA	10' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	35,985.80	1,029.80
08 33 23 13-0854	EA	10' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	36,710.33	1,049.59
08 33 23 13-0855	EA	10' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	37,434.86	1,069.37
08 33 23 13-0856	EA	10' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	38,159.39	1,089.15

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23	13-0857		11' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) (08 33 23 13-0832)		
08 33 23	13-0858	EA	11' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	34,536.75	990.23
08 33 23	13-0859	EA	11' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	35,261.27	1,010.01
08 33 23	13-0860	EA	11' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	35,985.79	1,029.80
08 33 23	13-0861	EA	11' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	37,091.45	1,049.59
08 33 23	13-0862	EA	11' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	38,197.12	1,069.37
08 33 23	13-0863	EA	11' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	39,301.41	1,089.15
08 33 23	13-0864	EA	11' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	40,426.41	1,108.93
08 33 23	13-0865		12' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) (08 33 23 13-0832)		
08 33 23	13-0866	EA	12' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	35,261.27	1,010.01
08 33 23	13-0867	EA	12' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	35,985.79	1,029.80
08 33 23	13-0868	EA	12' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	36,710.30	1,049.59
08 33 23	13-0869	EA	12' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	37,815.97	1,069.37
08 33 23	13-0870	EA	12' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	38,921.65	1,089.15
08 33 23	13-0871	EA	12' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	40,025.93	1,108.93
08 33 23	13-0872	EA	12' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	41,159.23	1,128.71
08 33 23	13-0873		13' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) (08 33 23 13-0832)		
08 33 23	13-0874	EA	13' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	35,985.79	1,029.80
08 33 23	13-0875	EA	13' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	36,710.30	1,049.59
08 33 23	13-0876	EA	13' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	37,434.82	1,069.37
08 33 23	13-0877	EA	13' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	38,540.50	1,089.15
08 33 23	13-0878	EA	13' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	39,646.17	1,108.93
08 33 23	13-0879	EA	13' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	40,751.84	1,128.71
08 33 23	13-0880	EA	13' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	41,890.65	1,148.49
08 33 23	13-0881		14' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) (08 33 23 13-0832)		
08 33 23	13-0882	EA	14' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	36,710.30	1,049.59
08 33 23	13-0883	EA	14' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	37,434.82	1,069.37
08 33 23	13-0884	EA	14' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	38,159.35	1,089.15
08 33 23	13-0885	EA	14' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	39,265.02	1,108.93
08 33 23	13-0886	EA	14' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	40,370.69	1,128.71
08 33 23	13-0887	EA	14' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	41,476.36	1,148.49
08 33 23	13-0888	EA	14' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	42,615.17	1,168.27
08 33 23	13-0889		Rytec® Spiral® Door Options (08 33 23 13-0560)		
08 33 23	13-0890	EA	Insulated Slats For Rytec® Spiral® High-Speed Rolling Doors.....	415.57	
			Note: Per door price.		
08 33 23	13-0891	EA	Up To 13' Wide Doors, Width Of Door, Ventilated Slats For Rytec® Spiral® High-Speed Rolling Doors.....	281.31	
			Note: Maximum of 4 per door.		
08 33 23	13-0892	EA	>13' Wide Doors, Width Of Door, Ventilated Slats For Rytec® Spiral® High-Speed Rolling Doors.....	415.57	
			Note: Maximum of 4 per door.		
08 33 23	13-0893	EA	Up To 13' Wide Doors, 6" High x Width Of Door, Window Slats For Rytec® Spiral® High-Speed Rolling Doors.....	281.31	
			Note: Maximum of 4 per door.		
08 33 23	13-0894	EA	>13' Wide Doors, 6" High x Width Of Door, Window Slats For Rytec® Spiral® High-Speed Rolling Doors.....	415.57	
			Note: Maximum of 4 per door.		
08 33 23	13-0895	EA	Right Hand Motor Mount For Rytec® Spiral® High-Speed Rolling Doors.....	806.84	58.18
08 33 23	13-0896	EA	Up To 13' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors.....	2,304.18	116.36
08 33 23	13-0897	EA	>13' To 16' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors.....	4,100.71	116.36
08 33 23	13-0898	EA	>16' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors.....	4,656.94	116.36
08 33 23	13-0899	EA	Through Wall Brake Release For Rytec® Spiral® High-Speed Rolling Doors.....	483.34	
08 33 23	13-0900		Activation And Control Box Options For High Speed Doors (08 33 23 13)		
08 33 23	13-0901	EA	Pull Cord For High-Speed Rolling Doors.....	218.65	58.18
08 33 23	13-0902	EA	Emergency Stop, Pushbutton Control For High-Speed Rolling Doors.....	160.47	29.09
08 33 23	13-0903	EA	NEMA 4 Mushroom Remote Pushbutton Control For High-Speed Rolling Doors.....	198.83	29.09
08 33 23	13-0904	EA	On/Off Selector Switch, Remote Control For High-Speed Rolling Doors.....	141.29	29.09
08 33 23	13-0905	EA	On/Off Key Switch, Remote Control For High-Speed Rolling Doors.....	211.62	29.09
08 33 23	13-0906	EA	Keyed Remote Single Pushbutton Control For High-Speed Rolling Doors.....	339.49	29.09
08 33 23	13-0907	EA	Open/Close/Stop, Remote Pushbutton Control For High-Speed Rolling Doors.....	371.45	29.09
08 33 23	13-0908	EA	Radio Control For High-Speed Rolling Doors.....	590.11	52.37
			Note: Includes one receiver and two transmitters.		
08 33 23	13-0909	EA	Floor Loop For High-Speed Rolling Doors.....	822.83	
			Note: Excludes sealant.		
08 33 23	13-0910	EA	Reflective Type Photo Eye For High-Speed Rolling Doors.....	513.01	52.37
08 33 23	13-0911	EA	Thru-Beam Type Photo Eye For High-Speed Rolling Doors.....	660.44	52.37
08 33 23	13-0912	EA	Motion Detector For High-Speed Rolling Doors.....	555.72	34.91
08 33 23	13-0913	EA	Remote Warning Horn For High-Speed Rolling Doors.....	397.67	58.18
			Note: Includes wall box and mounting hardware.		
08 33 23	13-0914	EA	Remote Strobe Light For High-Speed Rolling Doors.....	531.93	58.18
			Note: Includes wall box and mounting hardware.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0915 EA Remote Warning Horn And Strobe Light For High-Speed Rolling Doors..... Note: Includes wall box and mounting hardware.	602.26	58.18
08 33 23 13-0916 EA Red And Green Red Light For High-Speed Rolling Doors..... Note: Includes mounting hardware.	742.91	58.18
08 33 26 Overhead Coiling Grilles (08 33)		
Note: Includes curtains, guides, counterbalance mechanisms, hardware, operators, frame, supports and/or trim as required. Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-0898 for forklift.		
08 33 26 00-0001 Galvanized Steel Overhead Coiling Grilles (Width x Height) (08 33 26)		
08 33 26 00-0002 EA 4' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	2,558.81 289.80 212.41 287.53	219.55
08 33 26 00-0003 EA 6' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	2,903.54 341.51 318.63 389.41	219.55
08 33 26 00-0004 EA 8' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	3,493.15 406.24 424.83 491.28	274.43
08 33 26 00-0005 EA 12' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	3,990.30 480.81 436.11 695.03	274.43
08 33 26 00-0006 EA 16' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	5,485.33 634.31 849.66 980.16	439.10
08 33 26 00-0007 EA 20' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	6,817.15 787.81 1,062.07 1,265.27	548.87
08 33 26 00-0008 EA 24' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	8,597.29 1,007.54 1,274.49 1,423.27	658.64
08 33 26 00-0009 EA 30' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	10,481.69 1,228.35 1,476.15 1,552.26	805.01
08 33 26 00-0010 EA 4' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	2,808.68 327.29 265.51 341.60	219.55
08 33 26 00-0011 EA 6' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	3,265.56 395.82 398.26 485.09	219.55
08 33 26 00-0012 EA 8' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	3,894.60 466.81 531.04 628.58	274.43
08 33 26 00-0013 EA 12' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	4,517.22 560.20 796.56 915.56	274.43
08 33 26 00-0014 EA 16' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	6,177.33 738.11 1,062.07 1,262.43	439.10
08 33 26 00-0015 EA 20' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	7,671.87 916.02 1,327.59 1,609.29	548.87
08 33 26 00-0016 EA 24' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	9,629.96 1,162.44 1,593.31 1,863.69	658.64
08 33 26 00-0017 EA 30' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	12,076.26 1,467.54 1,865.53 2,087.75	805.01
08 33 26 00-0018 EA 4' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	3,094.81 370.20 318.63 394.87	219.55
08 33 26 00-0019 EA 6' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	3,177.64 382.63 477.93 579.16	219.55
08 33 26 00-0020 EA 8' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	3,869.28 462.66 637.23 763.45	274.43
08 33 26 00-0021 EA 12' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	5,114.32 649.42 955.83 1,132.02	274.43

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 33 26 00-0022	EA	16' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	7,155.55	439.10
		<i>For Lexan Lattice Pattern, Add</i>	884.85	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,274.47	
		<i>For Staggered Brick Pattern, Add</i>	1,573.84	
08 33 26 00-0023	EA	20' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	9,033.56	548.87
		<i>For Lexan Lattice Pattern, Add</i>	1,120.28	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,593.10	
		<i>For Staggered Brick Pattern, Add</i>	2,015.65	
08 33 26 00-0024	EA	24' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	10,953.30	658.64
		<i>For Lexan Lattice Pattern, Add</i>	1,360.94	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,911.73	
		<i>For Staggered Brick Pattern, Add</i>	2,131.28	
08 33 26 00-0025	EA	30' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	13,651.71	805.01
		<i>For Lexan Lattice Pattern, Add</i>	1,703.85	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	2,215.41	
		<i>For Staggered Brick Pattern, Add</i>	2,322.05	
08 33 26 00-0026	EA	4' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,606.58	219.55
		<i>For Lexan Lattice Pattern, Add</i>	446.97	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	371.58	
		<i>For Staggered Brick Pattern, Add</i>	730.37	
08 33 26 00-0027	EA	6' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	4,165.34	219.55
		<i>For Lexan Lattice Pattern, Add</i>	530.78	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	557.49	
		<i>For Staggered Brick Pattern, Add</i>	896.80	
08 33 26 00-0028	EA	8' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	4,886.01	274.43
		<i>For Lexan Lattice Pattern, Add</i>	615.52	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	743.39	
		<i>For Staggered Brick Pattern, Add</i>	1,044.25	
08 33 26 00-0029	EA	12' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	6,059.77	274.43
		<i>For Lexan Lattice Pattern, Add</i>	791.58	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,115.17	
		<i>For Staggered Brick Pattern, Add</i>	1,324.18	
08 33 26 00-0030	EA	16' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	8,131.55	439.10
		<i>For Lexan Lattice Pattern, Add</i>	1,031.25	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,486.90	
		<i>For Staggered Brick Pattern, Add</i>	1,771.52	
08 33 26 00-0031	EA	20' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	10,037.80	548.87
		<i>For Lexan Lattice Pattern, Add</i>	1,270.91	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,858.62	
		<i>For Staggered Brick Pattern, Add</i>	2,218.85	
08 33 26 00-0032	EA	24' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	11,995.94	658.64
		<i>For Lexan Lattice Pattern, Add</i>	1,517.34	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	2,230.35	
		<i>For Staggered Brick Pattern, Add</i>	2,516.42	
08 33 26 00-0033	EA	30' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	15,350.29	805.01
		<i>For Lexan Lattice Pattern, Add</i>	1,958.64	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	2,632.95	
		<i>For Staggered Brick Pattern, Add</i>	2,875.13	

08 33 26 00-0034 Coiling Grilles Accessories (08 33 26)

08 33 26 00-0035	LF	For Overhead Framed Rolling Grille Supports	119.54	
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08 33 36 Side Coiling Grilles (08 33)**08 33 36 00-0001 Galvanized Steel Side Coiling Grilles (Width x Height) (08 33 36)**

08 33 36 00-0002	EA	12' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated	4,326.91	613.90
		<i>For Lexan Lattice Pattern, Add</i>	385.92	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	637.24	
		<i>For Staggered Brick Pattern, Add</i>	695.03	
08 33 36 00-0003	EA	18' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated	6,030.64	788.59
		<i>For Lexan Lattice Pattern, Add</i>	566.62	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	977.47	
		<i>For Staggered Brick Pattern, Add</i>	1,113.22	
08 33 36 00-0004	EA	24' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated	7,802.42	994.34
		<i>For Lexan Lattice Pattern, Add</i>	744.22	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,274.49	
		<i>For Staggered Brick Pattern, Add</i>	1,423.27	
08 33 36 00-0005	EA	30' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated	9,339.51	1,097.74
		<i>For Lexan Lattice Pattern, Add</i>	930.28	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,476.15	
		<i>For Staggered Brick Pattern, Add</i>	1,552.26	
08 33 36 00-0006	EA	12' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated	5,213.43	699.94
		<i>For Lexan Lattice Pattern, Add</i>	482.05	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	796.56	
		<i>For Staggered Brick Pattern, Add</i>	915.56	
08 33 36 00-0007	EA	18' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated	7,294.66	898.99
		<i>For Lexan Lattice Pattern, Add</i>	708.70	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,173.12	
		<i>For Staggered Brick Pattern, Add</i>	1,390.26	
08 33 36 00-0008	EA	24' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated	9,327.83	1,133.18
		<i>For Lexan Lattice Pattern, Add</i>	913.36	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,593.31	
		<i>For Staggered Brick Pattern, Add</i>	1,863.69	
08 33 36 00-0009	EA	30' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated	11,340.25	1,251.42
		<i>For Lexan Lattice Pattern, Add</i>	1,162.51	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,865.53	
		<i>For Staggered Brick Pattern, Add</i>	2,087.75	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 33 36 00-0010	EA			12' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	6,110.70 578.63 955.83 1,132.02	788.59
08 33 36 00-0011	EA			18' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	8,564.67 849.09 1,411.30 1,726.04	1,012.85
08 33 36 00-0012	EA			24' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	11,072.32 1,116.33 1,911.73 2,131.28	1,277.04
08 33 36 00-0013	EA			30' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	13,329.99 1,395.42 2,215.41 2,322.05	1,408.76
08 33 36 00-0014	EA			12' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	6,999.64 676.57 1,115.17 1,324.18	871.91
08 33 36 00-0015	EA			18' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	9,834.54 991.17 1,612.95 1,917.75	1,119.69
08 33 36 00-0016	EA			24' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	12,703.62 1,302.39 2,230.35 2,516.42	1,411.69
08 33 36 00-0017	EA			30' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	15,300.18 1,627.14 2,632.95 2,875.13	1,558.78

08 33 43 Overhead Coiling Smoke Curtains (08 33)

08 33 43 00-0001				Elevator Smoke Guard (08 33 43)		
08 33 43 00-0002	EA			Elevator Smoke Guard, 55" Width Housing (Smoke Guard 400).....	14,550.90	613.90
08 33 43 00-0003	EA			Elevator Smoke Guard, 64" Width Housing (Smoke Guard 400).....	15,092.62	613.90
08 33 43 00-0004	EA			Elevator Smoke Guard, 73" Width Housing (Smoke Guard 400).....	15,634.35	613.90

08 34 Special Function Doors (08 30)

08 34 13 Cold Storage Doors (08 34)

08 34 13 00-0001				Vertical Sliding Cold Storage Doors (08 34 13) Note: Doors to be filled with foamed-in-place polyurethane.		
08 34 13 00-0002	EA			7'-0" x 8'-0" Single Leaf Vertical Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane <i>For Adjusting Height Of Door To Fit Opening <7' Height, Add</i>	7,331.67 456.44	914.67
08 34 13 00-0003	EA			7'-0" x 9'-0" Bi-Pass Vertical Sliding Cold Storage Door, Filled With 4" Foam In Place (FIP) Polyurethane <i>For Adjusting Height Of Door To Fit Opening <7' Height, Add</i>	9,405.47 580.60	1,161.19

08 34 13 00-0004 Horizontal Sliding Cold Storage Doors (08 34 13)

				Note: Doors to be filled with foamed-in-place polyurethane.		
08 34 13 00-0005	EA			6'-0" x 9'-0" Single Leaf Horizontal Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane	5,889.47	730.51
08 34 13 00-0006	EA			7'-0" x 9'-0" Single Leaf Horizontal Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane	6,637.50	823.75
08 34 13 00-0007	EA			7'-0" x 9'-0" Bi-Parting Horizontal Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane	8,579.66	1,085.59
08 34 13 00-0008	EA			5'-0" x 7'-0" Single Leaf Horizontal Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane	5,133.92	663.73

08 34 13 00-0009 Swinging Horizontal Hinged Cold Storage Doors (08 34 13)

				Note: Doors to be filled with foamed-in-place polyurethane.		
08 34 13 00-0010	EA			3'-0" x 7'-0" Swinging Cold Storage Door, Filled With 4" Foam In Place (FIP) Polyurethane.....	2,947.89	431.73

08 34 16 Hangar Doors (08 34)

08 34 16 00-0001	SF			70' To 120' Wide X To 20' High Hangar Door 25' Panels Note: Includes motorized opener and special hardware.	77.94	17.58
08 34 16 00-0002	SF			120' To 180' Wide X To 20' High Hangar Door 25' Panels Note: Includes motorized opener and special hardware.	69.41	17.58
08 34 16 00-0003	SF			120' To 180' Wide X 20-40' High Hangar Door 25' Panels Note: Includes motorized opener and special hardware.	73.26	3.77
08 34 16 00-0004	SF			120' To 180' Wide X 40-60' High Hangar Door 25' Panels Note: Includes motorized opener and special hardware.	78.76	2.52
08 34 16 00-0005	SF			120' To 180' Wide X 60-80' High Hangar Door 25' Panels Note: Includes motorized opener and special hardware.	84.38	2.52
08 34 16 00-0006	SF			120' To 180' Wide x >80' High Hangar Door 25' Panels Note: Includes motorized opener and special hardware.	133.82	2.52

08 34 23 Sidewalk and Basement Doors (08 34)

08 34 23 00-0001				Drainage Doors (08 34 23)		
08 34 23 00-0002				Single Leaf Aluminum Drainage Doors (08 34 23 00-0001) Note: Bilco - J Series.		
08 34 23 00-0003	EA			2' x 2' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,267.05	207.24

08 Openings
08 30 Specialty Doors and Frames
08 34 Special Function Doors

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 34 23 00-0004	EA	2' 6" x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	1,554.27	216.55
08 34 23 00-0005	EA	3' x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	1,649.63	221.20
08 34 23 00-0006	EA	3' x 3' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	1,817.35	225.86
08 34 23 00-0007	EA	3' 6" x 3' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	2,116.08	237.49
08 34 23 00-0008	EA	2' 6" x 4' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	2,156.17	232.02
08 34 23 00-0009	EA	3' x 4' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	2,397.36	237.49
08 34 23 00-0010	EA	2' 6" x 5' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	2,501.97	242.97
08 34 23 00-0011	EA	3' x 5' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	2,743.18	248.43
08 34 23 00-0012	EA	3' x 6' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	3,182.03	262.39

08 34 23 00-0013 Double Leaf Aluminum Drainage Doors (08 34 23 00-0001)

Note: Bilco - JD Series.

08 34 23 00-0014	EA	4' x 2' 6" Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	2,557.99	232.02
08 34 23 00-0015	EA	4' x 4' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	2,686.92	248.43
08 34 23 00-0016	EA	4' x 6' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	3,403.90	276.36
08 34 23 00-0017	EA	5' x 5' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	3,500.33	276.36

08 34 23 00-0018 Single Leaf Aluminum H2O Drainage Doors (08 34 23 00-0001)

Note: Bilco - J H2O Series.

08 34 23 00-0019	EA	2' x 2' Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door.....	2,014.45	207.24
08 34 23 00-0020	EA	2' 6" x 2' 6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door.....	2,349.89	216.55
08 34 23 00-0021	EA	3' x 2' 6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door.....	2,557.80	221.20
08 34 23 00-0022	EA	3' x 3' Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door.....	2,894.30	225.86
08 34 23 00-0023	EA	3' 6" x 3' 6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door.....	3,345.72	237.49

08 34 23 00-0024 Double Leaf Aluminum H2O Drainage Doors (08 34 23 00-0001)

Note: Bilco - JD H2O Series.

08 34 23 00-0025	EA	4' x 2' 6" Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door.....	3,345.58	232.02
08 34 23 00-0026	EA	4' x 4' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door.....	4,471.05	248.43
08 34 23 00-0027	EA	4' x 6' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door.....	6,353.33	276.36
08 34 23 00-0028	EA	5' x 5' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door.....	5,983.64	276.36

08 34 23 00-0029 Single Leaf Steel Drainage Doors (08 34 23 00-0001)

Note: Bilco - J Series.

08 34 23 00-0030	EA	2' x 2' Single Leaf Steel Floor, Vault Or Sidewalk Door.....	1,646.45	207.24
08 34 23 00-0031	EA	2' 6" x 2' 6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door.....	1,729.69	216.55
08 34 23 00-0032	EA	3' x 2' 6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door.....	1,924.64	221.20
08 34 23 00-0033	EA	3' x 3' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door.....	2,129.52	225.86
08 34 23 00-0034	EA	3' 6" x 3' 6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door.....	2,473.48	237.49
08 34 23 00-0035	EA	2' 6" x 4' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door.....	2,356.51	232.02
08 34 23 00-0036	EA	3' x 4' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door.....	2,681.27	237.49
08 34 23 00-0037	EA	2' 6" x 5' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door.....	2,669.65	242.97
08 34 23 00-0038	EA	3' x 5' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door.....	2,974.63	248.43
08 34 23 00-0039	EA	3' x 6' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door.....	3,173.68	262.39

08 34 23 00-0040 Double Leaf Steel Drainage Doors (08 34 23 00-0001)

Note: Bilco - JD Series.

08 34 23 00-0041	EA	4' x 2' 6" Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door.....	2,890.82	232.02
08 34 23 00-0042	EA	4' x 4' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door.....	3,034.00	248.43
08 34 23 00-0043	EA	4' x 6' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door.....	3,778.41	276.36
08 34 23 00-0044	EA	5' x 5' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door.....	3,887.25	276.36

08 34 23 00-0045 Single Leaf Steel H2O Drainage Doors (08 34 23 00-0001)

Note: Bilco - J H2O Series.

08 34 23 00-0046	EA	2' x 2' Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door.....	2,794.21	207.24
08 34 23 00-0047	EA	2' 6" x 2' 6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door.....	2,956.61	216.55
08 34 23 00-0048	EA	3' x 2' 6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door.....	3,062.54	221.20
08 34 23 00-0049	EA	3' x 3' Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door.....	3,603.84	225.86
08 34 23 00-0050	EA	3' 6" x 3' 6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door.....	4,244.64	237.49

08 34 23 00-0051 Double Leaf Steel H2O Drainage Doors (08 34 23 00-0001)

Note: Bilco - JD H2O Series.

08 34 23 00-0052	EA	4' x 2' 6" Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door.....	4,671.83	232.02
08 34 23 00-0053	EA	4' x 4' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door.....	5,220.68	248.43
08 34 23 00-0054	EA	4' x 6' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door.....	7,746.10	276.36
08 34 23 00-0055	EA	5' x 5' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door.....	7,548.21	276.36

08 34 23 00-0056 Single Leaf Aluminum Drainage Door (08 34 23 00-0001)

Note: Bilco - J-R (Odor Resistant).

08 34 23 00-0057	EA	2' x 2' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant.....	2,981.75	207.24
08 34 23 00-0058	EA	2' 6" x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant.....	3,583.11	216.55
08 34 23 00-0059	EA	3' x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant.....	3,813.01	221.20
08 34 23 00-0060	EA	3' x 3' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant.....	4,047.24	225.86
08 34 23 00-0061	EA	3' 6" x 3' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant.....	4,604.89	237.49

08 34 23 00-0062 Non-Drainage Doors (08 34 23)

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 34 23 00-0063 Single Leaf Aluminum Non-Drainage Doors (08 34 23 00-0062)			
Note: Bilco - Q Series.			
08 34 23 00-0064	EA	2' x 2' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,218.93 207.24
08 34 23 00-0065	EA	2' 6" x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,473.90 216.55
08 34 23 00-0066	EA	3' x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,577.37 221.20
08 34 23 00-0067	EA	3' x 3' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,640.59 225.86
08 34 23 00-0068	EA	3' 6" x 3' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,059.82 237.49
08 34 23 00-0069	EA	2' 6" x 4' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,858.85 232.02
08 34 23 00-0070	EA	3' x 4' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,075.89 237.49
08 34 23 00-0071	EA	2' 6" x 5' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,325.02 242.97
08 34 23 00-0072	EA	3' x 5' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,462.00 248.43
08 34 23 00-0073	EA	3' x 6' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,796.58 262.39

08 34 23 00-0074 Single Leaf Aluminum Non-Drainage Doors (08 34 23 00-0062)			
Note: Bilco - K Series.			
08 34 23 00-0075	EA	2' x 2' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,001.94 207.24
08 34 23 00-0076	EA	2' 6" x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,200.66 216.55
08 34 23 00-0077	EA	3' x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,328.24 221.20
08 34 23 00-0078	EA	3' x 3' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,415.56 225.86
08 34 23 00-0079	EA	3' 6" x 3' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,641.92 237.49

08 34 23 00-0080 Double Leaf Aluminum Non-Drainage Doors (08 34 23 00-0062)			
Note: Bilco - QD Series.			
08 34 23 00-0081	EA	4' x 2'-6" Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door.....	2,357.12 232.02

08 34 23 00-0082 Double Leaf Aluminum Non-Drainage Doors (08 34 23 00-0062)			
Note: Bilco - KD Series.			
08 34 23 00-0083	EA	4' x 4' Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,261.08 248.43
08 34 23 00-0084	EA	4' x 6' Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	3,170.95 276.36
08 34 23 00-0085	EA	5' x 5' Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	3,235.25 276.36

08 34 23 00-0086 Single Leaf Aluminum Non-Drainage Doors (08 34 23 00-0062)			
Note: Bilco - T Series.			
08 34 23 00-0087	EA	2' x 2' Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	1,098.38 207.24
08 34 23 00-0088	EA	2'-6" x 2'-6" Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	1,281.03 216.55
08 34 23 00-0089	EA	3' x 2' 6" Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	1,368.42 221.20
08 34 23 00-0090	EA	3' x 3' Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	1,495.93 225.86
08 34 23 00-0091	EA	3'-6" x 3'-6" Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	1,746.39 237.49

08 34 23 00-0092 Double Leaf Aluminum Non-Drainage Doors (08 34 23 00-0062)			
Note: Bilco - TD Series.			
08 34 23 00-0093	EA	4' x 4' Double Leaf Aluminum Non Drainage Door, Floor Installation For Covering.....	2,397.70 248.43
08 34 23 00-0094	EA	4' x 6' Double Leaf Aluminum Non Drainage Door, Floor Installation For Covering.....	3,339.72 276.36
08 34 23 00-0095	EA	5' x 5' Double Leaf Aluminum Non Drainage Door, Floor Installation For Covering.....	3,387.94 276.36

08 34 23 00-0096 Single Leaf Steel Non-Drainage Doors (08 34 23 00-0062)			
Note: Bilco - Q Series.			
08 34 23 00-0097	EA	2' x 2' Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	1,132.03 207.24
08 34 23 00-0098	EA	2'-6" x 2'-6" Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	1,264.65 216.55
08 34 23 00-0099	EA	3' x 2'-6" Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	1,420.10 221.20
08 34 23 00-0100	EA	3' x 3' Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	1,506.21 225.86

08 34 23 00-0101 Double Leaf Steel Non-Drainage Doors (08 34 23 00-0062)			
Note: Bilco - QD Series.			
08 34 23 00-0102	EA	4' x 2' 6" Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door.....	2,267.46 232.02

08 34 23 00-0103 Basement Doors (08 34 23)			
Note: 12 gauge primed steel, center opening, includes assembly and installation hardware.			
08 34 23 00-0104	EA	45-1/4" Wide x 65-1/4" Long, Sloped Wall Basement Door, Factory Primed Metal (Bilco Classic Series)	1,564.70 261.81
08 34 23 00-0105	EA	30" High x 47" Wide x 58" Long, Basement Door (Bilco Classic Series)	1,297.19 198.40
08 34 23 00-0106	EA	22" High x 51" Wide x 64" Long, Basement Door (Bilco Classic Series)	1,350.63 218.18
08 34 23 00-0107	EA	19-1/2" High x 55" Wide x 72" Long, Basement Door (Bilco Classic Series)	1,443.08 232.73
08 34 23 00-0108	EA	52" High x 51" Wide x 43-1/4" Long, Basement Door (Bilco Classic Series)	1,598.20 261.81

08 34 49 Radiation Shielding Doors and Frames (08 34)

08 34 49 13 Neutron Shielding Doors and Frames (08 34 49)

08 34 49 13-0001 Lead Lined Doors And Frames (08 34 49 13)			
08 34 49 13-0002	SF	1/16" Thick Laminated Lead In Wood Door	140.11 11.64
08 34 49 13-0003	SF	1/8" Thick Laminated Lead In Wood Door	173.42 11.64
08 34 49 13-0004	LF	1/16" Thick Lead Lined Door Frame	153.88 11.64
08 34 49 13-0005	LF	1/8" Thick Lead Lined Door Frame	164.98 11.64

08 34 53 Security Doors and Frames (08 34)

08 Openings
08 30 Specialty Doors and Frames
08 34 Special Function Doors

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 34 53 00-0001		Metal Security Doors, Bullet Resistant (08 34 53)		
Note: Includes door, frame, hardware hinges, lockset and cylinder, all UL 753 Listed.				
08 34 53 00-0002	SF	Metal Security Door	75.15	8.58
08 34 53 00-0003	EA	Up To 3' x 7' (.38 caliber) Medium-Small Arms Metal Security Door	3,081.87	428.12
08 34 53 00-0004	EA	Up To 3' x 7' (.44 caliber) Super-Small Arms Metal Security Door	3,657.63	454.46

08 34 53 00-0005		Metal Security Doors (08 34 53)		
Note: Includes standard pitcher handle latch, pneumatic closure, hinges and baked enamel finish.				
Note: Top and bottom section are #12 mesh 0.028" stainless steel wire cloth with a bottom kick plate.				
08 34 53 00-0006	EA	Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-501-28-O)	948.35	78.41
Note: Top section is #12 mesh 0.028" stainless steel wire cloth and bottom section is a double kick panel.				
08 34 53 00-0007	EA	Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-503-28-O)	948.35	78.41
Note: Top section includes 1/8" tempered sash unit and #12 mesh 0.028" stainless steel wire cloth. Bottom section is a double kick panel.				
08 34 53 00-0008	EA	Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-504-28-O)	1,344.13	78.41

08 34 56 Security Gates (08 34)

08 34 56 00-0001		Pivoting Double Folding Gate (08 34 56)		
Note: Includes locking bar, solid steel casters and galvanized finish. Excludes padlock.				
08 34 56 00-0002	EA	6' To 8' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,096.21	221.59
08 34 56 00-0003	EA	8' To 10' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,230.76	249.29
08 34 56 00-0004	EA	8' To 10' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	1,325.74	276.99
08 34 56 00-0005	EA	8' To 10' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate	1,460.26	304.68
08 34 56 00-0006	EA	10' To 12' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,240.11	224.36
08 34 56 00-0007	EA	10' To 12' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	1,335.32	252.06
08 34 56 00-0008	EA	10' To 12' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,464.26	279.76
08 34 56 00-0009	EA	10' To 12' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate	1,565.39	307.45
08 34 56 00-0010	EA	12' To 14' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate	1,305.00	227.12
08 34 56 00-0011	EA	12' To 14' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,399.90	254.83
08 34 56 00-0012	EA	12' To 14' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	1,477.15	268.67
08 34 56 00-0013	EA	12' To 14' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,554.72	282.53
08 34 56 00-0014	EA	12' To 14' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate	1,659.61	310.22
08 34 56 00-0015	EA	14' To 16' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate	1,429.38	229.89
08 34 56 00-0016	EA	14' To 16' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,523.96	257.59
08 34 56 00-0017	EA	14' To 16' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	1,611.04	271.44
08 34 56 00-0018	EA	14' To 16' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,718.86	285.29
08 34 56 00-0019	EA	14' To 16' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate	1,872.66	312.99
08 34 56 00-0020	EA	16' To 18' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate	1,618.72	235.43
08 34 56 00-0021	EA	16' To 18' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,738.51	265.90
08 34 56 00-0022	EA	16' To 18' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	1,870.62	282.53
08 34 56 00-0023	EA	16' To 18' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,947.79	290.83

08 34 56 00-0024		Pivoting Single Folding Gate (08 34 56)		
Note: Includes locking bar, solid steel casters and galvanized finish. Excludes padlock.				
08 34 56 00-0025	EA	5' To 6' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate	745.59	155.11
08 34 56 00-0026	EA	5' To 6' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	796.25	160.65
08 34 56 00-0027	EA	5' To 6' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate	846.90	166.18
08 34 56 00-0028	EA	5' To 6' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	908.66	177.27
08 34 56 00-0029	EA	5' To 6' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate	950.60	188.35
08 34 56 00-0030	EA	6' To 7' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate	796.08	160.65
08 34 56 00-0031	EA	6' To 7' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	846.97	166.18
08 34 56 00-0032	EA	6' To 7' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate	897.63	171.73
08 34 56 00-0033	EA	6' To 7' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	959.32	182.81
08 34 56 00-0034	EA	6' To 7' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate	1,001.53	193.89
08 34 56 00-0035	EA	7' To 8' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate	866.51	166.18
08 34 56 00-0036	EA	7' To 8' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	917.42	171.73
08 34 56 00-0037	EA	7' To 8' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate	968.00	177.27
08 34 56 00-0038	EA	7' To 8' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	1,029.88	188.35
08 34 56 00-0039	EA	7' To 8' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate	1,091.87	199.42

08 34 56 00-0040		Window Gates, Expands From 2' To 4' (08 34 56)		
Note: Includes padlock hasp and galvanized finish. Excludes padlock.				
08 34 56 00-0041	EA	33" High Window Gate, Up To 4' Wide Opening	302.51	60.94
08 34 56 00-0042	EA	37" High Window Gate, Up To 4' Wide Opening	313.60	66.48
08 34 56 00-0043	EA	40" High Window Gate, Up To 4' Wide Opening	313.60	66.48
08 34 56 00-0044	EA	43" High Window Gate, Up To 4' Wide Opening	325.46	72.02
08 34 56 00-0045	EA	46" High Window Gate, Up To 4' Wide Opening	325.46	72.02
08 34 56 00-0046	EA	49" High Window Gate, Up To 4' Wide Opening	336.54	77.55
08 34 56 00-0047	EA	51" High Window Gate, Up To 4' Wide Opening	336.55	77.55
08 34 56 00-0048	EA	53" High Window Gate, Up To 4' Wide Opening	347.61	83.09
08 34 56 00-0049	EA	55" High Window Gate, Up To 4' Wide Opening	347.61	83.09
08 34 56 00-0050	EA	57" High Window Gate, Up To 4' Wide Opening	358.70	88.63
08 34 56 00-0051	EA	59" High Window Gate, Up To 4' Wide Opening	358.70	88.63

08 34 56 00-0052		Pivoting Door Gate, Expands From 2' To 4' (08 34 56)		
Note: Includes padlock hasp and galvanized finish. Excludes padlock.				
08 34 56 00-0053	EA	61" High Pivoting Door Gate, Up To 4' Wide Opening	369.78	94.18
08 34 56 00-0054	EA	63" High Pivoting Door Gate, Up To 4' Wide Opening	372.19	94.18
08 34 56 00-0055	EA	66" High Pivoting Door Gate, Up To 4' Wide Opening	386.48	99.72
08 34 56 00-0056	EA	71" High Pivoting Door Gate, Up To 4' Wide Opening	400.76	105.25

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 56 00-0057	EA		73" High Pivoting Door Gate, Up To 4' Wide Opening.....	403.97	105.25
08 34 56 00-0058	EA		76" High Pivoting Door Gate, Up To 4' Wide Opening.....	418.25	110.79
08 34 56 00-0059	EA		79" High Pivoting Door Gate, Up To 4' Wide Opening.....	421.46	110.79
08 34 56 00-0060	EA		81" High Pivoting Door Gate, Up To 4' Wide Opening.....	434.75	116.33
08 34 56 00-0061	EA		83" High Pivoting Door Gate, Up To 4' Wide Opening.....	438.94	116.33
08 34 73 Sound Control Door Assemblies (08 34)					
08 34 73 13 Metal Sound Control Door Assemblies (08 34 73)					
08 34 73 13-0001			Steel Acoustical Door Assembly (08 34 73 13)		
Note: Includes seal.					
08 34 73 13-0002			Steel Acoustical Doors (08 34 73 13-0001)		
Note: Includes hardware: cam lift hinges and seals. Excludes frame, hardware: locksets, closer, electromagnetic release, etc.					
08 34 73 13-0003	EA		3' x 7', 16 Gauge, STC 50, Steel Acoustical Door (Unrated).....	4,408.72	209.45
Note: Excludes steel acoustical door frame See CSI section 08 34 73 13-0008 for steel acoustical door frames.					
For Accent Window Vision Lite, Add				1,674.61	
For Half Window Vision Lite, Add				1,733.32	
For Full Window Vision Lite, Add				1,792.02	
For 8' Height, Add				568.55	
For 14 Gauge, Add				538.63	
For 45 Minutes Fire Rated, Add				239.39	
For 60 Minutes Fire Rated, Add				359.08	
For 90 Minutes Fire Rated, Add				598.47	
For 120 Minutes Fire Rated, Add				837.86	
For 45 STC Rating, Deduct				-1,356.54	
For 48 STC Rating, Deduct				-718.17	
For 52 STC Rating, Add				558.57	
For 55 STC Rating, Add				1,516.13	
08 34 73 13-0004	EA		3'-6" x 7', 16 Gauge, STC 50, Steel Acoustical Door (Unrated).....	4,667.17	218.18
Note: Excludes steel acoustical door frame See CSI section 08 34 73 13-0008 for steel acoustical door frames.					
For Accent Window Vision Lite, Add				1,674.61	
For Half Window Vision Lite, Add				1,733.32	
For Full Window Vision Lite, Add				1,792.02	
For 8' Height, Add				602.89	
For 14 Gauge, Add				571.16	
For 45 Minutes Fire Rated, Add				253.85	
For 60 Minutes Fire Rated, Add				380.77	
For 90 Minutes Fire Rated, Add				634.62	
For 120 Minutes Fire Rated, Add				888.47	
For 45 STC Rating, Deduct				-1,438.48	
For 48 STC Rating, Deduct				-761.55	
For 52 STC Rating, Add				592.31	
For 55 STC Rating, Add				1,607.71	
08 34 73 13-0005	EA		4' x 7', 16 Gauge, STC 50, Steel Acoustical Door (Unrated).....	4,943.07	235.64
Note: Excludes steel acoustical door frame See CSI section 08 34 73 13-0008 for steel acoustical door frames.					
For Accent Window Vision Lite, Add				1,674.61	
For Half Window Vision Lite, Add				1,733.32	
For Full Window Vision Lite, Add				1,792.02	
For 8' Height, Add				637.23	
For 14 Gauge, Add				603.69	
For 45 Minutes Fire Rated, Add				268.31	
For 60 Minutes Fire Rated, Add				402.46	
For 90 Minutes Fire Rated, Add				670.77	
For 120 Minutes Fire Rated, Add				939.08	
For 45 STC Rating, Deduct				-1,520.42	
For 48 STC Rating, Deduct				-804.93	
For 52 STC Rating, Add				626.05	
For 55 STC Rating, Add				1,699.29	
08 34 73 13-0006	PR		Pair 3' x 7', 16 Gauge, STC 50, Steel Acoustical Doors (Unrated).....	8,775.55	397.96
Note: Excludes steel acoustical door frame See CSI section 08 34 73 13-0008 for steel acoustical door frames.					
For Pair Accent Window Vision Lites, Add				3,349.22	
For Pair Half Window Vision Lites, Add				3,466.63	
For Pair Full Window Vision Lites, Add				3,584.04	
For 8' Height, Add				1,137.10	
For 14 Gauge, Add				1,077.25	
For 45 Minutes Fire Rated, Add				478.78	
For 60 Minutes Fire Rated, Add				718.17	
For 90 Minutes Fire Rated, Add				1,196.95	
For 120 Minutes Fire Rated, Add				1,675.72	
For 45 STC Rating, Deduct				-2,713.08	
For 48 STC Rating, Deduct				-1,436.34	
For 52 STC Rating, Add				1,117.15	
For 55 STC Rating, Add				3,032.26	
08 34 73 13-0007	PR		Pair 3'-6" x 7', 16 Gauge, STC 50, Steel Acoustical Door (Unrated).....	9,264.52	401.44
Note: Excludes steel acoustical door frame See CSI section 08 34 73 13-0008 for steel acoustical door frames.					
For Pair Accent Window Vision Lites, Add				3,349.22	
For Pair Half Window Vision Lites, Add				3,466.63	
For Pair Full Window Vision Lites, Add				3,584.04	
For 8' Height, Add				1,205.78	
For 14 Gauge, Add				1,142.32	
For 45 Minutes Fire Rated, Add				507.70	
For 60 Minutes Fire Rated, Add				761.55	
For 90 Minutes Fire Rated, Add				1,269.24	
For 120 Minutes Fire Rated, Add				1,776.94	
For 45 STC Rating, Deduct				-2,876.95	
For 48 STC Rating, Deduct				-1,523.09	
For 52 STC Rating, Add				1,184.63	
For 55 STC Rating, Add				3,215.42	

08 Openings**08 30 Specialty Doors and Frames****08 34 Special Function Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 34 73 13-0008		Steel Acoustical Door Frames <small>(08 34 73 13-0001)</small>		
Note: Includes threshold				
08 34 73 13-0009	EA	3' x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,046.82	116.36
		For 8' Height, Add	323.62	
		For 45 Minutes Fire Rated, Add	196.99	
		For 60 Minutes Fire Rated, Add	337.69	
		For 90 Minutes Fire Rated, Add	478.40	
		For 120 Minutes Fire Rated, Add	675.38	
08 34 73 13-0010	EA	3' x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,126.53	116.36
		For 8' Height, Add	332.79	
		For 45 Minutes Fire Rated, Add	202.57	
		For 60 Minutes Fire Rated, Add	347.26	
		For 90 Minutes Fire Rated, Add	491.95	
		For 120 Minutes Fire Rated, Add	694.51	
08 34 73 13-0011	EA	3' x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,206.25	116.36
		For 8' Height, Add	341.95	
		For 45 Minutes Fire Rated, Add	208.15	
		For 60 Minutes Fire Rated, Add	356.82	
		For 90 Minutes Fire Rated, Add	505.50	
		For 120 Minutes Fire Rated, Add	713.64	
08 34 73 13-0012	EA	3' x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,285.96	116.36
		For 8' Height, Add	351.12	
		For 45 Minutes Fire Rated, Add	213.73	
		For 60 Minutes Fire Rated, Add	366.39	
		For 90 Minutes Fire Rated, Add	519.05	
		For 120 Minutes Fire Rated, Add	732.78	
08 34 73 13-0013	EA	3'-6" x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,485.33	128.00
		For 8' Height, Add	371.37	
		For 45 Minutes Fire Rated, Add	226.05	
		For 60 Minutes Fire Rated, Add	387.52	
		For 90 Minutes Fire Rated, Add	548.99	
		For 120 Minutes Fire Rated, Add	775.04	
08 34 73 13-0014	EA	3'-6" x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,574.32	128.00
		For 8' Height, Add	381.61	
		For 45 Minutes Fire Rated, Add	232.28	
		For 60 Minutes Fire Rated, Add	398.20	
		For 90 Minutes Fire Rated, Add	564.12	
		For 120 Minutes Fire Rated, Add	796.40	
08 34 73 13-0015	EA	3'-6" x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,654.03	128.00
		For 8' Height, Add	390.77	
		For 45 Minutes Fire Rated, Add	237.86	
		For 60 Minutes Fire Rated, Add	407.76	
		For 90 Minutes Fire Rated, Add	577.67	
		For 120 Minutes Fire Rated, Add	815.53	
08 34 73 13-0016	EA	3'-6" x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,752.90	128.00
		For 8' Height, Add	402.14	
		For 45 Minutes Fire Rated, Add	244.78	
		For 60 Minutes Fire Rated, Add	419.63	
		For 90 Minutes Fire Rated, Add	594.47	
		For 120 Minutes Fire Rated, Add	839.26	
08 34 73 13-0017	EA	4' x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,932.62	133.81
		For 8' Height, Add	421.47	
		For 45 Minutes Fire Rated, Add	256.55	
		For 60 Minutes Fire Rated, Add	439.80	
		For 90 Minutes Fire Rated, Add	623.05	
		For 120 Minutes Fire Rated, Add	879.60	
08 34 73 13-0018	EA	4' x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	4,012.34	133.81
		For 8' Height, Add	430.64	
		For 45 Minutes Fire Rated, Add	262.13	
		For 60 Minutes Fire Rated, Add	449.37	
		For 90 Minutes Fire Rated, Add	636.60	
		For 120 Minutes Fire Rated, Add	898.73	
08 34 73 13-0019	EA	4' x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	4,092.05	133.81
		For 8' Height, Add	439.81	
		For 45 Minutes Fire Rated, Add	267.71	
		For 60 Minutes Fire Rated, Add	458.93	
		For 90 Minutes Fire Rated, Add	650.15	
		For 120 Minutes Fire Rated, Add	917.86	
08 34 73 13-0020	EA	4' x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	4,181.03	133.81
		For 8' Height, Add	450.04	
		For 45 Minutes Fire Rated, Add	273.94	
		For 60 Minutes Fire Rated, Add	469.61	
		For 90 Minutes Fire Rated, Add	665.28	
		For 120 Minutes Fire Rated, Add	939.22	
08 34 73 13-0021	EA	6' x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	6,972.56	151.27
		For 8' Height, Add	767.05	
		For 45 Minutes Fire Rated, Add	466.90	
		For 60 Minutes Fire Rated, Add	800.40	
		For 90 Minutes Fire Rated, Add	1,133.90	
		For 120 Minutes Fire Rated, Add	1,600.80	
08 34 73 13-0022	EA	6' x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,048.57	151.27
		For 8' Height, Add	775.79	
		For 45 Minutes Fire Rated, Add	472.22	
		For 60 Minutes Fire Rated, Add	809.52	
		For 90 Minutes Fire Rated, Add	1,146.83	
		For 120 Minutes Fire Rated, Add	1,619.05	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 13-0023	EA		6' x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,130.14	151.27
			For 8' Height, Add	785.17	
			For 45 Minutes Fire Rated, Add	477.93	
			For 60 Minutes Fire Rated, Add	819.31	
			For 90 Minutes Fire Rated, Add	1,160.69	
			For 120 Minutes Fire Rated, Add	1,638.62	
08 34 73 13-0024	EA		6' x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,213.56	151.27
			For 8' Height, Add	794.77	
			For 45 Minutes Fire Rated, Add	483.77	
			For 60 Minutes Fire Rated, Add	829.32	
			For 90 Minutes Fire Rated, Add	1,174.87	
			For 120 Minutes Fire Rated, Add	1,658.64	
08 34 73 13-0025	EA		7' x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,484.46	157.09
			For 8' Height, Add	824.58	
			For 45 Minutes Fire Rated, Add	501.92	
			For 60 Minutes Fire Rated, Add	860.43	
			For 90 Minutes Fire Rated, Add	1,218.95	
			For 120 Minutes Fire Rated, Add	1,720.87	
08 34 73 13-0026	EA		7' x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,566.16	157.09
			For 8' Height, Add	833.98	
			For 45 Minutes Fire Rated, Add	507.64	
			For 60 Minutes Fire Rated, Add	870.24	
			For 90 Minutes Fire Rated, Add	1,232.84	
			For 120 Minutes Fire Rated, Add	1,740.48	
08 34 73 13-0027	EA		7' x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,653.85	157.09
			For 8' Height, Add	844.06	
			For 45 Minutes Fire Rated, Add	513.78	
			For 60 Minutes Fire Rated, Add	880.76	
			For 90 Minutes Fire Rated, Add	1,247.74	
			For 120 Minutes Fire Rated, Add	1,761.52	
08 34 73 13-0028	EA		7' x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,743.53	157.09
			For 8' Height, Add	854.38	
			For 45 Minutes Fire Rated, Add	520.05	
			For 60 Minutes Fire Rated, Add	891.52	
			For 90 Minutes Fire Rated, Add	1,262.99	
			For 120 Minutes Fire Rated, Add	1,783.04	
08 34 73 13-0029	EA		3' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,359.50	116.36
			For 8' Height, Add	359.58	
			For 45 Minutes Fire Rated, Add	218.87	
			For 60 Minutes Fire Rated, Add	375.21	
			For 90 Minutes Fire Rated, Add	531.55	
			For 120 Minutes Fire Rated, Add	750.42	
08 34 73 13-0030	EA		3' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,448.07	116.36
			For 8' Height, Add	369.76	
			For 45 Minutes Fire Rated, Add	225.07	
			For 60 Minutes Fire Rated, Add	385.84	
			For 90 Minutes Fire Rated, Add	546.61	
			For 120 Minutes Fire Rated, Add	771.68	
08 34 73 13-0031	EA		3' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,536.64	116.36
			For 8' Height, Add	379.95	
			For 45 Minutes Fire Rated, Add	231.27	
			For 60 Minutes Fire Rated, Add	396.47	
			For 90 Minutes Fire Rated, Add	561.66	
			For 120 Minutes Fire Rated, Add	792.94	
08 34 73 13-0032	EA		3' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,625.21	116.36
			For 8' Height, Add	390.14	
			For 45 Minutes Fire Rated, Add	237.47	
			For 60 Minutes Fire Rated, Add	407.10	
			For 90 Minutes Fire Rated, Add	576.72	
			For 120 Minutes Fire Rated, Add	814.20	
08 34 73 13-0033	EA		3'-6" x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,844.15	128.00
			For 8' Height, Add	412.64	
			For 45 Minutes Fire Rated, Add	251.17	
			For 60 Minutes Fire Rated, Add	430.58	
			For 90 Minutes Fire Rated, Add	609.99	
			For 120 Minutes Fire Rated, Add	861.16	
08 34 73 13-0034	EA		3'-6" x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,943.02	128.00
			For 8' Height, Add	424.01	
			For 45 Minutes Fire Rated, Add	258.09	
			For 60 Minutes Fire Rated, Add	442.44	
			For 90 Minutes Fire Rated, Add	626.80	
			For 120 Minutes Fire Rated, Add	884.89	
08 34 73 13-0035	EA		3'-6" x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,031.59	128.00
			For 8' Height, Add	434.19	
			For 45 Minutes Fire Rated, Add	264.29	
			For 60 Minutes Fire Rated, Add	453.07	
			For 90 Minutes Fire Rated, Add	641.85	
			For 120 Minutes Fire Rated, Add	906.14	
08 34 73 13-0036	EA		3'-6" x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,141.45	128.00
			For 8' Height, Add	446.83	
			For 45 Minutes Fire Rated, Add	271.98	
			For 60 Minutes Fire Rated, Add	466.26	
			For 90 Minutes Fire Rated, Add	660.53	
			For 120 Minutes Fire Rated, Add	932.51	

08 Openings**08 30 Specialty Doors and Frames****08 34 Special Function Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 34 73 13-0037	EA	4' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,339.84	133.81
		For 8' Height, Add	468.30	
		For 45 Minutes Fire Rated, Add	285.05	
		For 60 Minutes Fire Rated, Add	488.67	
		For 90 Minutes Fire Rated, Add	692.28	
		For 120 Minutes Fire Rated, Add	977.33	
08 34 73 13-0038	EA	4' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,428.41	133.81
		For 8' Height, Add	478.49	
		For 45 Minutes Fire Rated, Add	291.25	
		For 60 Minutes Fire Rated, Add	499.29	
		For 90 Minutes Fire Rated, Add	707.33	
		For 120 Minutes Fire Rated, Add	998.59	
08 34 73 13-0039	EA	4' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,516.99	133.81
		For 8' Height, Add	488.68	
		For 45 Minutes Fire Rated, Add	297.46	
		For 60 Minutes Fire Rated, Add	509.92	
		For 90 Minutes Fire Rated, Add	722.39	
		For 120 Minutes Fire Rated, Add	1,019.85	
08 34 73 13-0040	EA	4' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,615.86	133.81
		For 8' Height, Add	500.05	
		For 45 Minutes Fire Rated, Add	304.38	
		For 60 Minutes Fire Rated, Add	521.79	
		For 90 Minutes Fire Rated, Add	739.20	
		For 120 Minutes Fire Rated, Add	1,043.58	
08 34 73 13-0041	EA	6' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,713.68	151.27
		For 8' Height, Add	852.28	
		For 45 Minutes Fire Rated, Add	518.78	
		For 60 Minutes Fire Rated, Add	889.34	
		For 90 Minutes Fire Rated, Add	1,259.89	
		For 120 Minutes Fire Rated, Add	1,778.67	
08 34 73 13-0042	EA	6' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,798.13	151.27
		For 8' Height, Add	861.99	
		For 45 Minutes Fire Rated, Add	524.69	
		For 60 Minutes Fire Rated, Add	899.47	
		For 90 Minutes Fire Rated, Add	1,274.25	
		For 120 Minutes Fire Rated, Add	1,798.94	
08 34 73 13-0043	EA	6' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,888.76	151.27
		For 8' Height, Add	872.42	
		For 45 Minutes Fire Rated, Add	531.04	
		For 60 Minutes Fire Rated, Add	910.35	
		For 90 Minutes Fire Rated, Add	1,289.66	
		For 120 Minutes Fire Rated, Add	1,820.69	
08 34 73 13-0044	EA	6' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,981.45	151.27
		For 8' Height, Add	883.07	
		For 45 Minutes Fire Rated, Add	537.52	
		For 60 Minutes Fire Rated, Add	921.47	
		For 90 Minutes Fire Rated, Add	1,305.41	
		For 120 Minutes Fire Rated, Add	1,842.94	
08 34 73 13-0045	EA	7' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	8,281.15	157.09
		For 8' Height, Add	916.20	
		For 45 Minutes Fire Rated, Add	557.69	
		For 60 Minutes Fire Rated, Add	956.04	
		For 90 Minutes Fire Rated, Add	1,354.38	
		For 120 Minutes Fire Rated, Add	1,912.07	
08 34 73 13-0046	EA	7' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	8,371.94	157.09
		For 8' Height, Add	926.64	
		For 45 Minutes Fire Rated, Add	564.04	
		For 60 Minutes Fire Rated, Add	966.93	
		For 90 Minutes Fire Rated, Add	1,369.82	
		For 120 Minutes Fire Rated, Add	1,933.86	
08 34 73 13-0047	EA	7' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	8,469.37	157.09
		For 8' Height, Add	937.85	
		For 45 Minutes Fire Rated, Add	570.86	
		For 60 Minutes Fire Rated, Add	978.62	
		For 90 Minutes Fire Rated, Add	1,386.38	
		For 120 Minutes Fire Rated, Add	1,957.25	
08 34 73 13-0048	EA	7' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	8,569.01	157.09
		For 8' Height, Add	949.31	
		For 45 Minutes Fire Rated, Add	577.84	
		For 60 Minutes Fire Rated, Add	990.58	
		For 90 Minutes Fire Rated, Add	1,403.32	
		For 120 Minutes Fire Rated, Add	1,981.16	

08 34 73 16 Wood Sound Control Door Assemblies (08 34 73)**08 34 73 16-0001 Wood Acoustical Door Assembly (08 34 73 16)**

Note: Includes unfinished wood door, frame, hinges and seals. Excludes hardware: locksets, closer, electromagnetic release, etc.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 16-0002	EA		3' x 7' x 1-3/4" Thick, STC 27, Wood Acoustical Door System (Unrated) Note: Includes the prefinished door, frame, hinges and seals. For 20 Minutes Fire Rated, Add For 45 Minutes Fire Rated, Add For 60 Minutes Fire Rated, Add For 90 Minutes Fire Rated, Add	2,665.16 50.00 80.00 115.00 145.00	325.81
08 34 73 16-0003	EA		3' x 7' x 1-3/4" Thick, STC 29, Wood Acoustical Door System (Unrated) Note: Includes the prefinished door, frame, hinges and seals. For 20 Minutes Fire Rated, Add For 45 Minutes Fire Rated, Add For 60 Minutes Fire Rated, Add For 90 Minutes Fire Rated, Add	2,873.45 50.00 80.00 115.00 145.00	325.81
08 34 73 16-0004	EA		3' x 7' x 1-3/4" Thick, STC 30, Wood Acoustical Door System (Unrated) Note: Includes the prefinished door, frame, hinges and seals. For 20 Minutes Fire Rated, Add For 45 Minutes Fire Rated, Add For 60 Minutes Fire Rated, Add For 90 Minutes Fire Rated, Add	2,989.17 50.00 80.00 115.00 145.00	325.81
08 34 73 16-0005	EA		3' x 7' x 1-3/4" Thick, STC 31, Wood Acoustical Door System (Unrated) Note: Includes the prefinished door, frame, hinges and seals. For 20 Minutes Fire Rated, Add For 45 Minutes Fire Rated, Add For 60 Minutes Fire Rated, Add For 90 Minutes Fire Rated, Add	3,104.89 50.00 80.00 115.00 145.00	325.81
08 34 73 16-0006	EA		3' x 7' x 1-3/4" Thick, STC 36, Wood Acoustical Door System (Unrated) Note: Includes the prefinished door, frame, hinges and seals. For 20 Minutes Fire Rated, Add For 45 Minutes Fire Rated, Add For 60 Minutes Fire Rated, Add For 90 Minutes Fire Rated, Add	3,614.06 50.00 80.00 115.00 145.00	325.81
08 34 73 16-0007	EA		3' x 7' x 1-3/4" Thick, STC 40, Wood Acoustical Door System (Unrated) Note: Includes the prefinished door, frame, hinges and seals.	4,724.97	325.81
08 34 73 16-0008	EA		3' x 7' x 1-3/4" Thick, STC 42, Wood Acoustical Door System (Unrated) Note: Includes the prefinished door, frame, hinges and seals. For 20 Minutes Fire Rated, Add For 45 Minutes Fire Rated, Add For 60 Minutes Fire Rated, Add For 90 Minutes Fire Rated, Add	4,940.21 50.00 80.00 115.00 145.00	325.81
08 34 73 16-0009	EA		3' x 7' x 1-3/4" Thick, STC 46, Wood Acoustical Door System (Unrated) Note: Includes the prefinished door, frame, hinges and seals. For 20 Minutes Fire Rated, Add For 45 Minutes Fire Rated, Add For 60 Minutes Fire Rated, Add For 90 Minutes Fire Rated, Add	5,801.17 50.00 80.00 115.00 145.00	325.81
08 34 73 16-0010	EA		3' x 7' x 1-3/4" Thick, STC 49, Wood Acoustical Door System (Unrated) Note: Includes the prefinished door, frame, hinges and seals.	6,443.42	325.81

08 35 Folding Doors and Grilles (08 30)

08 35 13 Folding Doors (08 35)

08 35 13 13 Accordion Folding Doors (08 35 13)

08 35 13 13-0001 Accordion Folding Doors (08 35 13 13)

			Note: Includes track, fittings and hardware, complete.		
08 35 13 13-0002	SF		Fire-Resistant, Vinyl Fabric Installed On Welded Steel Frames, Accordion Folding Door	92.96	11.64
08 35 13 13-0003	SF		1/32" Thick, Single Ply Vinyl, Accordion Folding Door	19.50	11.64
08 35 13 13-0004	SF		0.04" Thick, Fire-Resistant, Rigid Vinyl Panels, Accordion Folding Door	42.51	11.64
08 35 13 13-0005	SF		3/8" Thick, Fire-Resistant, Wood Veneer, Vinyl Or High Pressure Laminate, High Density Engineered Wood Core Panel, Accordion Folding Door	59.86	11.64

08 36 Panel Doors (08 30)

08 36 13 Sectional Doors (08 36)

Note: Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-0898 for forklift.

08 36 13 00-0001 Sectional Wood Overhead Doors (Width x Height) (08 36 13)

08 36 13 00-0002 Wood Sectional Overhead Doors (08 36 13 00-0001)

			Note: Includes 1-3/4" door, tracks and hardware. Excludes frame.		
08 36 13 00-0003	EA		8' x 8', Wood Sectional Door, Manual Lift	2,607.54	465.45
08 36 13 00-0004	EA		10' x 10', Wood Sectional Door, Manual Lift	3,207.41	516.64
08 36 13 00-0005	EA		12' x 12', Wood Sectional Door, Manual Lift	4,069.26	619.04
08 36 13 00-0006	EA		14' x 14', Wood Sectional Door, Manual Lift	5,763.50	716.79
08 36 13 00-0007	EA		12' x 16', Wood Sectional Door, Manual Lift	6,287.20	930.89
08 36 13 00-0008	EA		20' x 8', Wood Sectional Door, Manual Lift	6,146.17	1,163.62
08 36 13 00-0009	EA		20' x 16', Wood Sectional Door, Manual Lift	10,893.73	1,551.10

08 36 13 00-0010 Residential Grade, Wood Sectional Overhead Doors (08 36 13 00-0001)

			Note: Includes 1-3/4" door, tracks and hardware. Excludes frame.		
08 36 13 00-0011	EA		9' x 7', Residential Grade, Wood Sectional Door, Manual Lift	1,341.76	232.73
			For Hardboard Face, Add	115.00	
			For Insulation, Add	117.00	
			For Motor Operator With Remote Controls, Add	462.95	
			For Each Glass Vision Panel In Door, Add	50.00	

08 Openings**08 30 Specialty Doors and Frames****08 36 Panel Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 36 13 00-0012	EA 16' x 7', Residential Grade, Wood Sectional Door, Manual Lift.....	2,058.40	232.73
	<i>For Hardboard Face, Add</i>	115.00	
	<i>For Insulation, Add</i>	117.00	
	<i>For Motor Operator With Remote Controls, Add</i>	497.54	
	<i>For Each Glass Vision Panel In Door, Add</i>	50.00	

08 36 13 00-0013 Sectional Metal Overhead Doors (Width x Height) (08 36 13)

Note: Includes tracks and all hardware.

08 36 13 00-0014 Galvanized Steel Sectional Overhead Doors (08 36 13 00-0013)**08 36 13 00-0015 Non-Insulated, 24 Gauge Galvanized Steel Sectional Doors (08 36 13 00-0014)**

Note: Includes 2" door, tracks and hardware. Excludes frame.

08 36 13 00-0016	EA 8' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,829.55	407.26
	<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	147.18	
	<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	253.76	
	<i>For Aluminum, Mill Finish, Add</i>	115.71	
	<i>For Aluminum, Anodized Finish, Add</i>	323.79	
08 36 13 00-0017	EA 8' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,156.26	465.45
	<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	177.68	
	<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	306.34	
	<i>For Aluminum, Mill Finish, Add</i>	139.69	
	<i>For Aluminum, Anodized Finish, Add</i>	390.89	
08 36 13 00-0018	EA 8' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,661.80	581.80
	<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	217.24	
	<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	374.55	
	<i>For Aluminum, Mill Finish, Add</i>	170.79	
	<i>For Aluminum, Anodized Finish, Add</i>	477.92	
08 36 13 00-0019	EA 10' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,062.58	465.45
	<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	164.10	
	<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	282.92	
	<i>For Aluminum, Mill Finish, Add</i>	129.01	
	<i>For Aluminum, Anodized Finish, Add</i>	361.01	
08 36 13 00-0020	EA 10' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,541.83	581.80
	<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	199.84	
	<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	344.55	
	<i>For Aluminum, Mill Finish, Add</i>	157.12	
	<i>For Aluminum, Anodized Finish, Add</i>	439.65	
08 36 13 00-0021	EA 10' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,198.23	756.35
	<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	244.40	
	<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	421.39	
	<i>For Aluminum, Mill Finish, Add</i>	192.15	
	<i>For Aluminum, Anodized Finish, Add</i>	537.69	
08 36 13 00-0022	EA 10' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,780.71	930.89
	<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	278.24	
	<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	479.73	
	<i>For Aluminum, Mill Finish, Add</i>	218.76	
	<i>For Aluminum, Anodized Finish, Add</i>	612.14	
08 36 13 00-0023	EA 12' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,462.96	581.80
	<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	188.40	
	<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	324.84	
	<i>For Aluminum, Mill Finish, Add</i>	148.12	
	<i>For Aluminum, Anodized Finish, Add</i>	414.49	
08 36 13 00-0024	EA 12' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,079.91	756.35
	<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	227.25	
	<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	391.81	
	<i>For Aluminum, Mill Finish, Add</i>	178.66	
	<i>For Aluminum, Anodized Finish, Add</i>	499.94	
08 36 13 00-0025	EA 12' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,759.32	930.89
	<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	275.14	
	<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	474.39	
	<i>For Aluminum, Mill Finish, Add</i>	216.32	
	<i>For Aluminum, Anodized Finish, Add</i>	605.32	
08 36 13 00-0026	EA 12' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,435.48	1,105.43
	<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	322.57	
	<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	556.15	
	<i>For Aluminum, Mill Finish, Add</i>	253.61	
	<i>For Aluminum, Anodized Finish, Add</i>	709.65	
08 36 13 00-0027	EA 12' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,293.70	1,338.16
	<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	379.52	
	<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	654.35	
	<i>For Aluminum, Mill Finish, Add</i>	298.38	
	<i>For Aluminum, Anodized Finish, Add</i>	834.95	
08 36 13 00-0028	EA 14' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,923.79	756.35
	<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	204.61	
	<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	352.78	
	<i>For Aluminum, Mill Finish, Add</i>	160.87	
	<i>For Aluminum, Anodized Finish, Add</i>	450.14	
08 36 13 00-0029	EA 14' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,596.63	930.89
	<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	251.55	
	<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	433.71	
	<i>For Aluminum, Mill Finish, Add</i>	197.77	
	<i>For Aluminum, Anodized Finish, Add</i>	553.42	
08 36 13 00-0030	EA 14' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,438.43	1,163.62
	<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	306.12	
	<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	527.80	
	<i>For Aluminum, Mill Finish, Add</i>	240.68	
	<i>For Aluminum, Anodized Finish, Add</i>	673.47	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0031 EA 14' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,117.85	1,338.16
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	354.02	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	610.39	
For Aluminum, Mill Finish, Add	278.34	
For Aluminum, Anodized Finish, Add	778.85	
08 36 13 00-0032 EA 14' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,884.38	1,512.70
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	414.55	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	714.75	
For Aluminum, Mill Finish, Add	325.92	
For Aluminum, Anodized Finish, Add	912.01	
08 36 13 00-0033 EA 16' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,539.10	930.89
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	243.21	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	419.33	
For Aluminum, Mill Finish, Add	191.21	
For Aluminum, Anodized Finish, Add	535.07	
08 36 13 00-0034 EA 16' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,377.61	1,163.62
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	297.31	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	512.60	
For Aluminum, Mill Finish, Add	233.74	
For Aluminum, Anodized Finish, Add	654.07	
08 36 13 00-0035 EA 16' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,149.06	1,338.16
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	358.55	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	618.19	
For Aluminum, Mill Finish, Add	281.89	
For Aluminum, Anodized Finish, Add	788.81	
08 36 13 00-0036 EA 16' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	6,130.90	1,512.70
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	450.30	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	776.38	
For Aluminum, Mill Finish, Add	354.03	
For Aluminum, Anodized Finish, Add	990.65	
08 36 13 00-0037 EA 16' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	7,140.35	1,745.42
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	529.17	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	912.37	
For Aluminum, Mill Finish, Add	416.04	
For Aluminum, Anodized Finish, Add	1,164.18	
08 36 13 00-0038 EA 18' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,504.18	1,163.62
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	315.66	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	544.24	
For Aluminum, Mill Finish, Add	248.17	
For Aluminum, Anodized Finish, Add	694.45	
08 36 13 00-0039 EA 18' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,375.87	1,338.16
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	391.44	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	674.89	
For Aluminum, Mill Finish, Add	307.75	
For Aluminum, Anodized Finish, Add	861.16	
08 36 13 00-0040 EA 18' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	6,492.46	1,512.70
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	502.72	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	866.77	
For Aluminum, Mill Finish, Add	395.24	
For Aluminum, Anodized Finish, Add	1,105.99	
08 36 13 00-0041 EA 18' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	7,503.56	1,745.42
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	581.84	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	1,003.17	
For Aluminum, Mill Finish, Add	457.45	
For Aluminum, Anodized Finish, Add	1,280.05	
08 36 13 00-0042 EA 18' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	8,616.54	1,978.15
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	675.73	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	1,165.06	
For Aluminum, Mill Finish, Add	531.27	
For Aluminum, Anodized Finish, Add	1,486.61	
08 36 13 00-0043 EA 20' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,117.85	1,338.16
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	354.02	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	610.39	
For Aluminum, Mill Finish, Add	278.34	
For Aluminum, Anodized Finish, Add	778.85	
08 36 13 00-0044 EA 20' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,989.57	1,512.70
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	429.80	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	741.04	
For Aluminum, Mill Finish, Add	337.92	
For Aluminum, Anodized Finish, Add	945.57	
08 36 13 00-0045 EA 20' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	7,377.02	1,745.42
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	563.49	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	971.54	
For Aluminum, Mill Finish, Add	443.02	
For Aluminum, Anodized Finish, Add	1,239.68	
08 36 13 00-0046 EA 20' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	8,388.09	1,978.15
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	642.61	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	1,107.95	
For Aluminum, Mill Finish, Add	505.22	
For Aluminum, Anodized Finish, Add	1,413.74	
08 36 13 00-0047 EA 20' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	10,329.40	2,210.87
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	856.60	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	1,476.91	
For Aluminum, Mill Finish, Add	673.47	
For Aluminum, Anodized Finish, Add	1,884.53	
08 36 13 00-0048 EA 22' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,700.31	1,512.70
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	387.86	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	668.73	
For Aluminum, Mill Finish, Add	304.94	
For Aluminum, Anodized Finish, Add	853.30	

08 Openings
08 30 Specialty Doors and Frames
08 36 Panel Doors

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 36 13 00-0049	EA 22' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	7,023.68	1,745.42
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	512.26	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	883.20	
	For Aluminum, Mill Finish, Add	402.74	
	For Aluminum, Anodized Finish, Add	1,126.97	
08 36 13 00-0050	EA 22' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	8,314.14	1,978.15
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	631.89	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	1,089.46	
	For Aluminum, Mill Finish, Add	496.79	
	For Aluminum, Anodized Finish, Add	1,390.15	
08 36 13 00-0051	EA 22' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	9,798.56	2,210.87
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	779.63	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	1,344.20	
	For Aluminum, Mill Finish, Add	612.95	
	For Aluminum, Anodized Finish, Add	1,715.19	
08 36 13 00-0052	EA 22' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	11,044.59	2,443.60
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	892.83	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	1,539.36	
	For Aluminum, Mill Finish, Add	701.95	
	For Aluminum, Anodized Finish, Add	1,964.22	
08 36 13 00-0053	EA 24' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	6,325.21	1,745.42
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	410.98	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	708.59	
	For Aluminum, Mill Finish, Add	323.11	
	For Aluminum, Anodized Finish, Add	904.15	
08 36 13 00-0054	EA 24' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	7,699.47	1,978.15
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	542.76	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	935.79	
	For Aluminum, Mill Finish, Add	426.72	
	For Aluminum, Anodized Finish, Add	1,194.07	
08 36 13 00-0055	EA 24' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	9,358.11	2,210.87
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	715.77	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	1,234.08	
	For Aluminum, Mill Finish, Add	562.74	
	For Aluminum, Anodized Finish, Add	1,574.69	
08 36 13 00-0056	EA 24' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	10,459.53	2,443.60
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	807.99	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	1,393.09	
	For Aluminum, Mill Finish, Add	635.25	
	For Aluminum, Anodized Finish, Add	1,777.58	
08 36 13 00-0057	EA 24' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	11,735.21	2,676.31
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	925.48	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	1,595.65	
	For Aluminum, Mill Finish, Add	727.62	
	For Aluminum, Anodized Finish, Add	2,036.05	

08 36 13 00-0058 Insulated, 24 Gauge Galvanized Steel Sectional Doors (08 36 13 00-0014)

Note: Includes 2" door with polystyrene insulation, 26 gauge interior cover, tracks and hardware. Excludes frame.

08 36 13 00-0059	EA 8' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,313.19	407.26
	For Aluminum, Mill Finish, Add	170.85	
	For Aluminum, Anodized Finish, Add	478.07	
	For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	187.33	
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	374.67	
	For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	974.13	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	1,873.33	
08 36 13 00-0060	EA 8' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,756.56	465.45
	For Aluminum, Mill Finish, Add	208.13	
	For Aluminum, Anodized Finish, Add	582.39	
	For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	228.21	
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	456.42	
	For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	1,186.69	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	2,282.09	
08 36 13 00-0061	EA 8' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,386.01	581.80
	For Aluminum, Mill Finish, Add	253.35	
	For Aluminum, Anodized Finish, Add	708.94	
	For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	277.80	
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	555.60	
	For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	1,444.55	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	2,777.99	
08 36 13 00-0062	EA 10' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,689.90	465.45
	For Aluminum, Mill Finish, Add	200.53	
	For Aluminum, Anodized Finish, Add	561.12	
	For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	219.88	
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	439.75	
	For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	1,143.36	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	2,198.76	
08 36 13 00-0063	EA 10' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,303.89	581.80
	For Aluminum, Mill Finish, Add	243.99	
	For Aluminum, Anodized Finish, Add	682.75	
	For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	267.53	
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	535.07	
	For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	1,391.18	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	2,675.34	
08 36 13 00-0064	EA 10' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,200.01	756.35
	For Aluminum, Mill Finish, Add	306.35	
	For Aluminum, Anodized Finish, Add	857.26	
	For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	335.92	
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	671.83	
	For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	1,746.76	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	3,359.15	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0065 EA 10' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,874.56	930.89
For Aluminum, Mill Finish, Add	343.46	
For Aluminum, Anodized Finish, Add	961.08	
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	376.60	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	753.20	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	1,958.31	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	3,765.98	
08 36 13 00-0066 EA 12' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,178.36	581.80
For Aluminum, Mill Finish, Add	229.68	
For Aluminum, Anodized Finish, Add	642.70	
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	251.84	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	503.69	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	1,309.58	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	2,518.43	
08 36 13 00-0067 EA 12' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,962.91	756.35
For Aluminum, Mill Finish, Add	279.33	
For Aluminum, Anodized Finish, Add	781.62	
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	306.28	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	612.56	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	1,592.64	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	3,062.78	
08 36 13 00-0068 EA 12' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,832.73	930.89
For Aluminum, Mill Finish, Add	338.69	
For Aluminum, Anodized Finish, Add	947.73	
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	371.37	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	742.74	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	1,931.12	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	3,713.69	
08 36 13 00-0069 EA 12' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,651.39	1,105.43
For Aluminum, Mill Finish, Add	392.22	
For Aluminum, Anodized Finish, Add	1,097.53	
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	430.07	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	860.13	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	2,236.34	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	4,300.65	
08 36 13 00-0070 EA 12' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,860.71	1,338.16
For Aluminum, Mill Finish, Add	477.02	
For Aluminum, Anodized Finish, Add	1,334.83	
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	523.05	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	1,046.10	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	2,719.87	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	5,230.51	
08 36 13 00-0071 EA 14' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,778.49	756.35
For Aluminum, Mill Finish, Add	258.30	
For Aluminum, Anodized Finish, Add	722.79	
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	283.23	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	566.45	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	1,472.77	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	2,832.25	
08 36 13 00-0072 EA 14' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,685.50	930.89
For Aluminum, Mill Finish, Add	321.90	
For Aluminum, Anodized Finish, Add	900.77	
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	352.97	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	705.93	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	1,835.42	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	3,529.65	
08 36 13 00-0073 EA 14' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,701.12	1,163.62
For Aluminum, Mill Finish, Add	384.62	
For Aluminum, Anodized Finish, Add	1,076.27	
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	421.74	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	843.47	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	2,193.03	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	4,217.36	
08 36 13 00-0074 EA 14' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,718.12	1,338.16
For Aluminum, Mill Finish, Add	460.77	
For Aluminum, Anodized Finish, Add	1,289.34	
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	505.23	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	1,010.46	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	2,627.18	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	5,052.28	
08 36 13 00-0075 EA 14' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,710.38	1,512.70
For Aluminum, Mill Finish, Add	534.09	
For Aluminum, Anodized Finish, Add	1,494.51	
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	585.62	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	1,171.25	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	3,045.24	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	5,856.23	
08 36 13 00-0076 EA 16' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,525.87	930.89
For Aluminum, Mill Finish, Add	303.71	
For Aluminum, Anodized Finish, Add	849.84	
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	333.01	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	666.02	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	1,731.66	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	3,330.11	
08 36 13 00-0077 EA 16' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,825.10	1,163.62
For Aluminum, Mill Finish, Add	398.76	
For Aluminum, Anodized Finish, Add	1,115.82	
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	437.23	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	874.47	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	2,273.62	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	4,372.34	

08 Openings

08 30 Specialty Doors and Frames

08 36 Panel Doors

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 36 13 00-0078	EA 16' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	6,801.81	1,338.16
	For Aluminum, Mill Finish, Add	470.31	
	For Aluminum, Anodized Finish, Add	1,316.04	
	For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	515.69	
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	1,031.38	
	For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	2,681.58	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	5,156.89	
08 36 13 00-0079	EA 16' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	7,784.75	1,512.70
	For Aluminum, Mill Finish, Add	542.57	
	For Aluminum, Anodized Finish, Add	1,518.23	
	For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	594.92	
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	1,189.84	
	For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	3,093.58	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	5,949.19	
08 36 13 00-0080	EA 16' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	9,204.88	1,745.42
	For Aluminum, Mill Finish, Add	651.40	
	For Aluminum, Anodized Finish, Add	1,822.77	
	For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	714.25	
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	1,428.50	
	For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	3,714.11	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	7,142.51	
08 36 13 00-0081	EA 18' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,223.77	1,163.62
	For Aluminum, Mill Finish, Add	330.21	
	For Aluminum, Anodized Finish, Add	924.00	
	For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	362.07	
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	724.14	
	For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	1,882.75	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	3,620.68	
08 36 13 00-0082	EA 18' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	6,471.71	1,338.16
	For Aluminum, Mill Finish, Add	432.68	
	For Aluminum, Anodized Finish, Add	1,210.74	
	For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	474.43	
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	948.85	
	For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	2,467.02	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	4,744.26	
08 36 13 00-0083	EA 18' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	7,511.99	1,512.70
	For Aluminum, Mill Finish, Add	511.47	
	For Aluminum, Anodized Finish, Add	1,431.22	
	For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	560.82	
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	1,121.65	
	For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	2,916.28	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	5,608.24	
08 36 13 00-0084	EA 18' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	9,362.96	1,745.42
	For Aluminum, Mill Finish, Add	669.42	
	For Aluminum, Anodized Finish, Add	1,873.20	
	For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	734.01	
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	1,468.02	
	For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	3,816.86	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	7,340.11	
08 36 13 00-0085	EA 18' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	10,260.78	1,978.15
	For Aluminum, Mill Finish, Add	718.71	
	For Aluminum, Anodized Finish, Add	2,011.13	
	For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	788.06	
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	1,576.12	
	For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	4,097.91	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	7,880.59	
08 36 13 00-0086	EA 20' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	6,442.26	1,338.16
	For Aluminum, Mill Finish, Add	429.32	
	For Aluminum, Anodized Finish, Add	1,201.34	
	For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	470.75	
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	941.49	
	For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	2,447.87	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	4,707.45	
08 36 13 00-0087	EA 20' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	7,580.20	1,512.70
	For Aluminum, Mill Finish, Add	519.25	
	For Aluminum, Anodized Finish, Add	1,452.98	
	For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	569.35	
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	1,138.70	
	For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	2,960.62	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	5,693.50	
08 36 13 00-0088	EA 20' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	9,680.65	1,745.42
	For Aluminum, Mill Finish, Add	705.63	
	For Aluminum, Anodized Finish, Add	1,974.54	
	For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	773.72	
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	1,547.45	
	For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	4,023.36	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	7,737.23	
08 36 13 00-0089	EA 20' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	10,544.38	1,978.15
	For Aluminum, Mill Finish, Add	751.04	
	For Aluminum, Anodized Finish, Add	2,101.59	
	For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	823.51	
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	1,647.02	
	For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	4,282.25	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	8,235.09	
08 36 13 00-0090	EA 20' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	12,245.02	2,210.87
	For Aluminum, Mill Finish, Add	891.85	
	For Aluminum, Anodized Finish, Add	2,495.61	
	For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	977.91	
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	1,955.81	
	For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	5,085.11	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	9,779.05	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0091	EA		22' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift For Aluminum, Mill Finish, Add For Aluminum, Anodized Finish, Add For 22 Gauge Steel Ribbed, Heavy Duty Door, Add For 20 Gauge Steel Ribbed, Heavy Duty Door, Add For 18 Gauge Steel Ribbed, Heavy Duty Door, Add For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	7,070.32 461.12 1,290.33 505.62 1,011.23 2,629.20 5,056.15	1,512.70
08 36 13 00-0092	EA		22' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift For Aluminum, Mill Finish, Add For Aluminum, Anodized Finish, Add For 22 Gauge Steel Ribbed, Heavy Duty Door, Add For 20 Gauge Steel Ribbed, Heavy Duty Door, Add For 18 Gauge Steel Ribbed, Heavy Duty Door, Add For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	8,735.31 597.87 1,672.98 655.56 1,311.11 3,408.89 6,555.55	1,745.42
08 36 13 00-0093	EA		22' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift For Aluminum, Mill Finish, Add For Aluminum, Anodized Finish, Add For 22 Gauge Steel Ribbed, Heavy Duty Door, Add For 20 Gauge Steel Ribbed, Heavy Duty Door, Add For 18 Gauge Steel Ribbed, Heavy Duty Door, Add For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	10,373.92 731.61 2,047.22 802.20 1,604.40 4,171.45 8,022.01	1,978.15
08 36 13 00-0094	EA		22' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift For Aluminum, Mill Finish, Add For Aluminum, Anodized Finish, Add For 22 Gauge Steel Ribbed, Heavy Duty Door, Add For 20 Gauge Steel Ribbed, Heavy Duty Door, Add For 18 Gauge Steel Ribbed, Heavy Duty Door, Add For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	11,657.65 824.89 2,308.24 904.48 1,808.97 4,703.32 9,044.84	2,210.87
08 36 13 00-0095	EA		22' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift For Aluminum, Mill Finish, Add For Aluminum, Anodized Finish, Add For 22 Gauge Steel Ribbed, Heavy Duty Door, Add For 20 Gauge Steel Ribbed, Heavy Duty Door, Add For 18 Gauge Steel Ribbed, Heavy Duty Door, Add For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	13,296.22 958.63 2,682.49 1,051.13 2,102.26 5,465.88 10,511.31	2,443.60
08 36 13 00-0096	EA		24' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift For Aluminum, Mill Finish, Add For Aluminum, Anodized Finish, Add For 22 Gauge Steel Ribbed, Heavy Duty Door, Add For 20 Gauge Steel Ribbed, Heavy Duty Door, Add For 18 Gauge Steel Ribbed, Heavy Duty Door, Add For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	7,878.28 500.16 1,399.58 548.43 1,096.85 2,851.82 5,484.26	1,745.42
08 36 13 00-0097	EA		24' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift For Aluminum, Mill Finish, Add For Aluminum, Anodized Finish, Add For 22 Gauge Steel Ribbed, Heavy Duty Door, Add For 20 Gauge Steel Ribbed, Heavy Duty Door, Add For 18 Gauge Steel Ribbed, Heavy Duty Door, Add For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	9,715.28 656.52 1,837.11 719.87 1,439.74 3,743.33 7,198.71	1,978.15
08 36 13 00-0098	EA		24' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift For Aluminum, Mill Finish, Add For Aluminum, Anodized Finish, Add For 22 Gauge Steel Ribbed, Heavy Duty Door, Add For 20 Gauge Steel Ribbed, Heavy Duty Door, Add For 18 Gauge Steel Ribbed, Heavy Duty Door, Add For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	11,265.58 780.19 2,183.17 855.48 1,710.95 4,448.47 8,554.75	2,210.87
08 36 13 00-0099	EA		24' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift For Aluminum, Mill Finish, Add For Aluminum, Anodized Finish, Add For 22 Gauge Steel Ribbed, Heavy Duty Door, Add For 20 Gauge Steel Ribbed, Heavy Duty Door, Add For 18 Gauge Steel Ribbed, Heavy Duty Door, Add For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	12,907.24 914.29 2,558.40 1,002.51 2,005.02 5,213.05 10,025.09	2,443.60
08 36 13 00-0100	EA		24' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift For Aluminum, Mill Finish, Add For Aluminum, Anodized Finish, Add For 22 Gauge Steel Ribbed, Heavy Duty Door, Add For 20 Gauge Steel Ribbed, Heavy Duty Door, Add For 18 Gauge Steel Ribbed, Heavy Duty Door, Add For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	14,522.61 1,045.38 2,925.23 1,146.25 2,292.50 5,960.49 11,462.49	2,676.31
08 36 13 00-0101			Residential Grade, Galvanized Steel Sectional Overhead Doors <small>(08 36 13 00-0013)</small> Note: Includes track and hardware. Excludes frame.		
08 36 13 00-0102	EA		9' x 7', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift For Aluminum And Fiberglass, Add For Each Glass Vision Panel In Door, Add For Insulated Door, Add	927.99 107.32 50.00 124.63	232.73
08 36 13 00-0103	EA		9' x 8', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift For Aluminum And Fiberglass, Add For Each Glass Vision Panel In Door, Add For Insulated Door, Add	990.12 126.58 50.00 147.00	232.73
08 36 13 00-0104	EA		16' x 7', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift For Aluminum And Fiberglass, Add For Each Glass Vision Panel In Door, Add For Insulated Door, Add	1,236.68 177.48 50.00 206.10	266.24
08 36 13 00-0105	EA		16' x 8', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift For Aluminum And Fiberglass, Add For Each Glass Vision Panel In Door, Add For Insulated Door, Add	1,334.30 207.74 50.00 241.25	266.24

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

		MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
						UNIT COST	UNIT COST
08 36 13 00-0106					Removal And Reinstallation Of Sectional Metal Overhead Doors And Supports (08 36 13 00-0013) Note: Includes storage, cleaning and supply materials.		
08 36 13 00-0107	SF				Removal And Reinstallation Of Sectional Metal Overhead Door And Supports.....	16.82	
08 36 13 00-0108					Sectional Fiberglass Overhead Doors (Width x Height) (08 36 13)		
08 36 13 00-0109					Fiberglass Sectional Overhead Doors (08 36 13 00-0108)		
08 36 13 00-0110					Non-Insulated, Fiberglass Sectional Doors (08 36 13 00-0109) Note: Includes 2" door, tracks and hardware. Excludes frame.		
08 36 13 00-0111	EA				8' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	2,343.77	407.26
08 36 13 00-0112	EA				8' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	2,774.41	465.45
08 36 13 00-0113	EA				8' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	3,296.37	581.80
08 36 13 00-0114	EA				10' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	2,744.23	465.45
08 36 13 00-0115	EA				10' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	3,260.41	523.63
08 36 13 00-0116	EA				10' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	4,097.83	727.26
08 36 13 00-0117	EA				10' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	4,939.60	930.89
08 36 13 00-0118	EA				12' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	3,253.62	581.80
08 36 13 00-0119	EA				12' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	4,080.22	727.26
08 36 13 00-0120	EA				12' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	4,896.42	872.72
08 36 13 00-0121	EA				12' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	6,001.70	1,163.62
08 36 13 00-0122	EA				12' x 16', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	6,996.94	1,396.34
08 36 13 00-0123	EA				14' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	3,995.45	814.53
08 36 13 00-0124	EA				14' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	4,833.97	930.89
08 36 13 00-0125	EA				14' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	5,911.16	1,163.62
08 36 13 00-0126	EA				14' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	6,986.88	1,396.34
08 36 13 00-0127	EA				14' x 16', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	7,832.71	1,512.70
08 36 13 00-0128	EA				16' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	4,539.71	930.89
08 36 13 00-0129	EA				16' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	5,436.83	1,047.25
08 36 13 00-0130	EA				16' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	6,582.32	1,279.98
08 36 13 00-0131	EA				16' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	7,714.50	1,512.70
08 36 13 00-0132	EA				16' x 16', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	8,614.64	1,629.06
08 36 13 00-0133					Insulated, Fiberglass Sectional Doors (08 36 13 00-0109) Note: Includes 2" door with polystyrene insulation, tracks and hardware. Excludes frame.		
08 36 13 00-0134	EA				8' x 8', Insulated, Fiberglass Sectional Door, Manual Lift.....	2,848.39	407.26
08 36 13 00-0135	EA				8' x 10', Insulated, Fiberglass Sectional Door, Manual Lift.....	3,382.78	465.45
08 36 13 00-0136	EA				8' x 12', Insulated, Fiberglass Sectional Door, Manual Lift.....	4,000.18	581.80
08 36 13 00-0137	EA				10' x 8', Insulated, Fiberglass Sectional Door, Manual Lift.....	3,342.64	465.45
08 36 13 00-0138	EA				10' x 10', Insulated, Fiberglass Sectional Door, Manual Lift.....	3,990.77	523.63
08 36 13 00-0139	EA				10' x 12', Insulated, Fiberglass Sectional Door, Manual Lift.....	4,970.12	727.26
08 36 13 00-0140	EA				10' x 14', Insulated, Fiberglass Sectional Door, Manual Lift.....	5,955.47	930.89
08 36 13 00-0141	EA				12' x 8', Insulated, Fiberglass Sectional Door, Manual Lift.....	3,943.32	581.80
08 36 13 00-0142	EA				12' x 10', Insulated, Fiberglass Sectional Door, Manual Lift.....	4,946.70	727.26
08 36 13 00-0143	EA				12' x 12', Insulated, Fiberglass Sectional Door, Manual Lift.....	5,936.36	872.72
08 36 13 00-0144	EA				12' x 14', Insulated, Fiberglass Sectional Door, Manual Lift.....	7,214.28	1,163.62
08 36 13 00-0145	EA				12' x 16', Insulated, Fiberglass Sectional Door, Manual Lift.....	8,384.64	1,396.34
08 36 13 00-0146	EA				14' x 8', Insulated, Fiberglass Sectional Door, Manual Lift.....	4,776.45	814.53
08 36 13 00-0147	EA				14' x 10', Insulated, Fiberglass Sectional Door, Manual Lift.....	5,814.98	930.89
08 36 13 00-0148	EA				14' x 12', Insulated, Fiberglass Sectional Door, Manual Lift.....	7,093.86	1,163.62
08 36 13 00-0149	EA				14' x 14', Insulated, Fiberglass Sectional Door, Manual Lift.....	8,371.26	1,396.34
08 36 13 00-0150	EA				14' x 16', Insulated, Fiberglass Sectional Door, Manual Lift.....	9,419.60	1,512.70
08 36 13 00-0151	EA				16' x 8', Insulated, Fiberglass Sectional Door, Manual Lift.....	5,423.62	930.89
08 36 13 00-0152	EA				16' x 10', Insulated, Fiberglass Sectional Door, Manual Lift.....	6,539.85	1,047.25
08 36 13 00-0153	EA				16' x 12', Insulated, Fiberglass Sectional Door, Manual Lift.....	7,909.43	1,279.98
08 36 13 00-0154	EA				16' x 14', Insulated, Fiberglass Sectional Door, Manual Lift.....	9,262.38	1,512.70
08 36 13 00-0155	EA				16' x 16', Insulated, Fiberglass Sectional Door, Manual Lift.....	10,382.46	1,629.06
08 36 13 00-0156					Sectional Overhead Door Accessories (08 36 13)		
08 36 13 00-0157					Sectional Overhead Door Accessories (08 36 13 00-0156)		
08 36 13 00-0158	LF				Molding, Draft Stop.....	4.59	
08 36 13 00-0159	LF				Weather Seal At Top Of Door For Sectional Overhead Doors.....	6.75	
08 36 13 00-0160	LF				Weather Strip At Door Bottom.....	3.61	
08 36 13 00-0161	EA				Cylinder Lock For Sectional Overhead Doors.....	420.56	
08 36 13 00-0162	EA				3/4 HP, Electric Chain Lift Operator For Sectional Overhead Doors..... Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	2,530.48	
08 36 13 00-0163	SF				Up To 2 SF Per Window 1/8" Double Strength Glass (DSB) Glazing For Sectional Overhead Doors..... Note: Additional cost for factory supplied.	36.69	
08 36 13 00-0164	SF				>2 SF Per Window 1/8" Double Strength Glass (DSB) Glazing For Sectional Overhead Doors..... Note: Additional cost for factory supplied.	22.88	
08 36 13 00-0165	SF				Up To 2 SF Per Window 1/8" Plexiglas Glazing For Sectional Overhead Doors..... Note: Additional cost for factory supplied.	38.36	
08 36 13 00-0166	SF				>2 SF Per Window 1/8" Plexiglas Glazing For Sectional Overhead Doors..... Note: Additional cost for factory supplied.	26.15	
08 36 13 00-0167	SF				Up To 2 SF Per Window 3/4" Insulated Glazing For Sectional Overhead Doors..... Note: Additional cost for factory supplied.	61.70	
08 36 13 00-0168	SF				>2 SF Per Window 3/4" Insulated Glazing For Sectional Overhead Doors..... Note: Additional cost for factory supplied.	41.65	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 36 13 00-0169	EA		Vertical Lift Track For Sectional Overhead Doors Up To 12' High Door Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.	584.65	
08 36 13 00-0170	EA		Vertical Lift Track For Sectional Overhead Doors >12' To 16' High Door Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.	909.64	
08 36 13 00-0171	EA		Vertical Lift Track For Sectional Overhead Doors >16' To 20' High Door Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.	1,350.22	
08 36 13 00-0172	SF		25,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors Note: Additional cost for factory supplied/installed spring. Per SF of Door.	1.70	
08 36 13 00-0173	SF		50,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors Note: Additional cost for factory supplied/installed spring. Per SF of Door.	2.18	
08 36 13 00-0174	SF		100,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors Note: Additional cost for factory supplied/installed spring. Per SF of Door.	2.89	

08 38 Traffic Doors (08 30)

08 38 13 Flexible Strip Doors (08 38)

08 38 13 00-0001 Clear Polyvinyl Chloride (PVC) Strip Doors (08 38 13)

08 38 13 00-0002	SF		8" Smooth Strip, 0.080" Thick, 50% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door For Cooler/Freezer Doors, USDA Grade, Add Note: Low temperature to -40 degree F.	22.75	6.99
			For Ribbed Strip Material, Add	0.76	
				1.60	
08 38 13 00-0003	SF		8" Smooth Strip, 0.080" Thick, 100% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door For Cooler/Freezer Doors, USDA Grade, Add Note: Low temperature to -40 degree F.	31.70	9.31
			For Ribbed Strip Material, Add	1.08	
				2.26	
08 38 13 00-0004	SF		12" Smooth Strip, 0.120" Thick, 66% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door For Cooler/Freezer Doors, USDA Grade, Add Note: Low temperature to -40 degree F.	20.07	5.82
			For Ribbed Strip Material, Add	0.96	
				2.02	
08 38 13 00-0005	SF		12" Smooth Strip, 0.120" Thick, 100% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door For Cooler/Freezer Doors, USDA Grade, Add Note: Low temperature to -40 degree F.	26.02	6.40
			For Ribbed Strip Material, Add	1.21	
				2.53	
08 38 13 00-0006	SF		16" Smooth Strip, 0.160" Thick, 66% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door For Cooler/Freezer Doors, USDA Grade, Add Note: Low temperature to -40 degree F.	21.52	5.82
			For Ribbed Strip Material, Add	1.22	
				2.56	

08 38 13 00-0007 Clear Polyvinyl Chloride (PVC) Replacement Strips (08 38 13)

08 38 13 00-0008	EA		8" Smooth Strip, 0.080" Thick, 7' Long, Replacement Strip For Cooler/Freezer Doors, USDA Grade, Add Note: Low temperature to -40 degree F.	71.15	32.82
			For Ribbed Strip Material, Add	1.76	
				3.70	
08 38 13 00-0009	EA		8" Smooth Strip, 0.080" Thick, 8' Long, Replacement Strip For Cooler/Freezer Doors, USDA Grade, Add Note: Low temperature to -40 degree F.	73.62	32.82
			For Ribbed Strip Material, Add	2.01	
				4.22	
08 38 13 00-0010	EA		12" Smooth Strip, 0.120" Thick, 8' Long, Replacement Strip For Cooler/Freezer Doors, USDA Grade, Add Note: Low temperature to -40 degree F.	107.52	40.61
			For Ribbed Strip Material, Add	4.12	
				8.65	
08 38 13 00-0011	EA		12" Smooth Strip, 0.120" Thick, 10' Long, Replacement Strip For Cooler/Freezer Doors, USDA Grade, Add Note: Low temperature to -40 degree F.	115.89	40.61
			For Ribbed Strip Material, Add	4.96	
				10.41	
08 38 13 00-0012	EA		12" Smooth Strip, 0.120" Thick, 12' Long, Replacement Strip For Cooler/Freezer Doors, USDA Grade, Add Note: Low temperature to -40 degree F.	123.74	40.61
			For Ribbed Strip Material, Add	5.74	
				12.06	
08 38 13 00-0013	EA		16" Smooth Strip, 0.160" Thick, 14' Long, Replacement Strip For Cooler/Freezer Doors, USDA Grade, Add Note: Low temperature to -40 degree F.	217.39	41.42
			For Ribbed Strip Material, Add	13.45	
				28.24	

08 38 16 Flexible Traffic Doors (08 38)

Note: Impact traffic doors also known as double action traffic doors. Includes hardware. Excludes door frame.

08 38 16 00-0001 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors (TMI Mega-Pro) (08 38 16)

08 38 16 00-0002 Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors (08 38 16 00-0001)

08 38 16 00-0003 Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors (08 38 16 00-0002)

08 38 16 00-0004	EA		72" x 84" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	5,844.05	116.36
08 38 16 00-0005	EA		72" x 96" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	6,326.40	116.36
08 38 16 00-0006	EA		96" x 96" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	13,280.97	133.81
08 38 16 00-0007	EA		96" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	14,908.57	145.45
08 38 16 00-0008	EA		108" x 108" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	23,255.97	145.45
08 38 16 00-0009	EA		108" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	24,335.81	145.45
08 38 16 00-0010	EA		120" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	27,073.71	174.54

08 Openings**08 30 Specialty Doors and Frames****08 38 Traffic Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 16 00-0011			Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors <small>(08 38 16 00-0002)</small>		
08 38 16 00-0012	EA		72" x 84" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	6,515.55	116.36
08 38 16 00-0013	EA		72" x 96" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	7,052.70	116.36
08 38 16 00-0014	EA		96" x 96" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	15,754.39	133.81
08 38 16 00-0015	EA		96" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	17,371.00	145.45
08 38 16 00-0016	EA		108" x 108" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	26,080.04	145.45
08 38 16 00-0017	EA		108" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	27,178.47	145.45
08 38 16 00-0018	EA		120" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	30,236.24	174.54
08 38 16 00-0019			0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (Eliason FMP) <small>(08 38 16)</small> Note: Includes pebble embossed finish and a 14" x 16" vinyl window.		
08 38 16 00-0020			Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors <small>(08 38 16 00-0019)</small>		
08 38 16 00-0021			84" Height, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors <small>(08 38 16 00-0020)</small>		
08 38 16 00-0022	EA		24" To 36" Width x 84" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	2,389.33	64.00
08 38 16 00-0023	EA		40" To 44" Width x 84" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	2,579.81	64.00
08 38 16 00-0024			96" Height, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors <small>(08 38 16 00-0020)</small>		
08 38 16 00-0025	EA		24" To 36" Width x 96" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	2,579.81	64.00
08 38 16 00-0026	EA		40" To 44" Width x 96" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	2,633.54	64.00
08 38 16 00-0027			Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors <small>(08 38 16 00-0019)</small>		
08 38 16 00-0028			84" Height, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors <small>(08 38 16 00-0027)</small>		
08 38 16 00-0029	EA		48" To 72" Width x 84" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	4,743.74	110.54
08 38 16 00-0030	EA		80" To 88" Width x 84" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	5,124.70	110.54
08 38 16 00-0031			96" Height, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors <small>(08 38 16 00-0027)</small>		
08 38 16 00-0032	EA		48" To 72" Width x 96" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	5,124.70	110.54
08 38 16 00-0033	EA		80" To 88" Width x 96" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	5,232.15	110.54
08 38 19			Rigid Traffic Doors <small>(08 38)</small> Note: Impact traffic doors also known as double action traffic doors. Includes hardware. Excludes door frame.		
08 38 19 00-0001			0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors (Eliason LWP-3) <small>(08 38 19)</small> Note: Includes delta formed vertical edges and a 9" x 14" acrylic window.		
08 38 19 00-0002			Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors <small>(08 38 19 00-0001)</small>		
08 38 19 00-0003			84" Height, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors <small>(08 38 19 00-0002)</small>		
08 38 19 00-0004	EA		24" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,143.88	64.00
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0005	EA		28" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,231.80	64.00
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0006	EA		30" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,271.81	66.91
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0007	EA		32" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,325.53	66.91
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

08 38 19 00-0008	EA	36" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic	1,385.10	69.82
		Door.....		
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0009	EA	40" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic	1,502.32	69.82
		Door.....		
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0010	EA	42" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic	1,553.94	78.55
		Door.....		
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0011 96" Height, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors <small>(08 38 19 00-0002)</small>				
08 38 19 00-0012	EA	24" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic	1,295.29	64.00
		Door.....		
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0013	EA	28" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic	1,363.67	64.00
		Door.....		
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0014	EA	30" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic	1,408.56	66.91
		Door.....		
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0015	EA	32" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic	1,447.64	66.91
		Door.....		
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0016	EA	36" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic	1,585.35	69.82
		Door.....		
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0017	EA	40" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic	1,614.65	69.82
		Door.....		
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0018	EA	42" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic	1,661.39	78.55
		Door.....		
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0019 Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors <small>(08 38 19 00-0001)</small>				
08 38 19 00-0020 84" Height, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors <small>(08 38 19 00-0019)</small>				
08 38 19 00-0021	EA	48" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic	2,252.84	110.54
		Door.....		
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0022	EA	56" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic	2,428.67	110.54
		Door.....		
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0023	EA	60" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic	2,497.05	110.54
		Door.....		
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0024	EA	64" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic	2,604.50	110.54
		Door.....		
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0025	EA	72" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic	2,723.63	116.36
		Door.....		
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	

08 Openings**08 30 Specialty Doors and Frames****08 38 Traffic Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 38 19 00-0026	EA	80" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	2,958.06	116.36
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0027	EA	84" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	3,026.44	116.36
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0028		96" Height, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors <small>(08 38 19 00-0019)</small>		
08 38 19 00-0029	EA	48" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	2,555.65	110.54
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0030	EA	56" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	2,692.41	110.54
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0031	EA	60" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	2,770.56	110.54
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0032	EA	64" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	2,848.70	110.54
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0033	EA	72" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	3,124.12	116.36
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0034	EA	80" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	3,182.73	116.36
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0035	EA	84" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	3,241.34	116.36
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0036		3/4" Thick, Polymer Cell Core Impact Traffic Doors (Eliason P-11 Plus) <small>(08 38 19)</small>		
		Note: Includes 0.125" thick thermoplastic exterior finish, 14 gauge back channel and a 14" x 16" acrylic window.		
08 38 19 00-0037		Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0036)</small>		
08 38 19 00-0038		84" Height, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0037)</small>		
08 38 19 00-0039	EA	24" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	2,042.56	64.00
		For Each 15" x 20" Window, Add	6.00	
		For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0040	EA	28" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	2,272.11	64.00
		For Each 15" x 20" Window, Add	6.00	
		For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0041	EA	30" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	2,370.73	66.91
		For Each 15" x 20" Window, Add	6.00	
		For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0042	EA	32" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	2,468.41	66.91
		For Each 15" x 20" Window, Add	6.00	
		For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0043	EA	36" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	2,503.56	69.82
		For Each 15" x 20" Window, Add	6.00	
		For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0044	EA	40" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	2,703.81	69.82
		For Each 15" x 20" Window, Add	6.00	
		For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0045	EA	42" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	2,901.95	78.55
		For Each 15" x 20" Window, Add	6.00	
		For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0046	EA	44" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	2,936.14	78.55
		For Each 15" x 20" Window, Add	6.00	
		For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0047		96" Height, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0037)</small>		
08 38 19 00-0048	EA	24" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	2,237.93	64.00
		For Each 15" x 20" Window, Add	6.00	
		For Each 18" x 30" Window, Add	19.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0049 EA 28" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	2,477.25 6.00 19.00	64.00
08 38 19 00-0050 EA 30" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	2,575.87 6.00 19.00	66.91
08 38 19 00-0051 EA 32" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	2,697.97 6.00 19.00	66.91
08 38 19 00-0052 EA 36" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	2,791.72 6.00 19.00	69.82
08 38 19 00-0053 EA 40" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	2,987.09 6.00 19.00	69.82
08 38 19 00-0054 EA 42" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,082.66 6.00 19.00	78.55
08 38 19 00-0055 EA 44" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,204.76 6.00 19.00	78.55
08 38 19 00-0056 Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0056)</small>		
08 38 19 00-0057 84" Height, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0056)</small>		
08 38 19 00-0058 EA 48" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,050.19 6.00 19.00	110.54
08 38 19 00-0059 EA 56" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,509.30 6.00 19.00	110.54
08 38 19 00-0060 EA 60" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,694.89 6.00 19.00	110.54
08 38 19 00-0061 EA 64" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,890.26 6.00 19.00	110.54
08 38 19 00-0062 EA 72" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,960.55 6.00 19.00	116.36
08 38 19 00-0063 EA 80" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	5,361.05 6.00 19.00	116.36
08 38 19 00-0064 EA 84" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	5,722.47 6.00 19.00	116.36
08 38 19 00-0065 EA 88" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	5,790.85 6.00 19.00	116.36
08 38 19 00-0066 96" Height, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0056)</small>		
08 38 19 00-0067 EA 48" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,440.92 6.00 19.00	110.54
08 38 19 00-0068 EA 56" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,919.56 6.00 19.00	110.54
08 38 19 00-0069 EA 60" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	5,105.16 6.00 19.00	110.54
08 38 19 00-0070 EA 64" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	5,349.37 6.00 19.00	110.54
08 38 19 00-0071 EA 72" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	5,536.87 6.00 19.00	116.36
08 38 19 00-0072 EA 80" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	5,927.60 6.00 19.00	116.36
08 38 19 00-0073 EA 84" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,083.89 6.00 19.00	116.36
08 38 19 00-0074 EA 88" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,328.10 6.00 19.00	116.36
08 38 19 00-0075 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors (Eliason PMP-2) <small>(08 38 19)</small>		
Note: Includes textured finish, 16 gauge back channel and a 14" x 16" window.		
08 38 19 00-0076 Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors <small>(08 38 19 00-0075)</small>		

08 Openings**08 30 Specialty Doors and Frames****08 38 Traffic Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 38 19 00-0077	84" Height, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors <small>(08 38 19 00-0076)</small>		
08 38 19 00-0078	EA 24" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	2,638.70	64.00
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0079	EA 28" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	3,000.83	64.00
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0080	EA 30" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	3,103.21	66.91
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0081	EA 32" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	3,139.42	66.91
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0082	EA 36" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	3,181.48	69.82
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0083	EA 40" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	3,519.46	69.82
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0084	EA 42" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	3,814.51	78.55
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0085	EA 44" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	3,856.76	78.55
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0086	96" Height, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors <small>(08 38 19 00-0076)</small>		
08 38 19 00-0087	EA 24" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	2,717.16	64.00
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0088	EA 28" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	3,163.78	64.00
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0089	EA 30" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	3,272.20	66.91
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0090	EA 32" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	3,320.49	66.91
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0091	EA 36" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	3,338.40	69.82
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0092	EA 40" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	3,585.85	69.82
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0093	EA 42" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	3,874.87	78.55
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0094	EA 44" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	3,923.15	78.55
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0095	Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors <small>(08 38 19 00-0075)</small>		
08 38 19 00-0096	84" Height, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors <small>(08 38 19 00-0095)</small>		
08 38 19 00-0097	EA 48" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	5,242.48	110.54
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0098	EA 56" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	5,966.72	110.54
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0099	EA 60" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	6,159.85	110.54
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0100	EA 64" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	6,232.28	110.54
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0101	EA 72" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	6,316.38	116.36
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0102	EA 80" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	6,992.34	116.36
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0103	EA 84" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	7,547.60	116.36
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0104	EA 88" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	7,632.09	116.36
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 38 19 00-0105		96" Height, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors <small>(08 38 19 00-0095)</small>		
08 38 19 00-0106	EA 48" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	5,399.40		110.54
	<i>For Each 15" x 20" Window, Add</i>	6.00		
	<i>For Each 18" x 30" Window, Add</i>	19.00		
08 38 19 00-0107	EA 56" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	6,292.63		110.54
	<i>For Each 15" x 20" Window, Add</i>	6.00		
	<i>For Each 18" x 30" Window, Add</i>	19.00		
08 38 19 00-0108	EA 60" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	6,497.83		110.54
	<i>For Each 15" x 20" Window, Add</i>	6.00		
	<i>For Each 18" x 30" Window, Add</i>	19.00		
08 38 19 00-0109	EA 64" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	6,594.40		110.54
	<i>For Each 15" x 20" Window, Add</i>	6.00		
	<i>For Each 18" x 30" Window, Add</i>	19.00		
08 38 19 00-0110	EA 72" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	6,630.22		116.36
	<i>For Each 15" x 20" Window, Add</i>	6.00		
	<i>For Each 18" x 30" Window, Add</i>	19.00		
08 38 19 00-0111	EA 80" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	7,125.12		116.36
	<i>For Each 15" x 20" Window, Add</i>	6.00		
	<i>For Each 18" x 30" Window, Add</i>	19.00		
08 38 19 00-0112	EA 84" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	7,668.31		116.36
	<i>For Each 15" x 20" Window, Add</i>	6.00		
	<i>For Each 18" x 30" Window, Add</i>	19.00		
08 38 19 00-0113	EA 88" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	7,764.87		116.36
	<i>For Each 15" x 20" Window, Add</i>	6.00		
	<i>For Each 18" x 30" Window, Add</i>	19.00		
08 38 19 00-0114		1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors (Eliaison SCP-2) <small>(08 38 19)</small>		
Note: Includes 0.032" tempered aluminum alloy top panel, 48" high 16 gauge stainless steel front and galvanized back base plate, 14 gauge galvanized steel back channel and a 9" x 14" window.				
08 38 19 00-0115		Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors <small>(08 38 19 00-0114)</small>		
08 38 19 00-0116		84" Height, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors <small>(08 38 19 00-0115)</small>		
08 38 19 00-0117	EA 24" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	2,745.87		64.00
	<i>For Each 14" x 16" Window, Add</i>	22.00		
	<i>For Each 15" x 20" Window, Add</i>	28.00		
	<i>For Each 18" x 30" Window, Add</i>	41.00		
08 38 19 00-0118	EA 28" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,004.73		64.00
	<i>For Each 14" x 16" Window, Add</i>	22.00		
	<i>For Each 15" x 20" Window, Add</i>	28.00		
	<i>For Each 18" x 30" Window, Add</i>	41.00		
08 38 19 00-0119	EA 30" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,078.93		66.91
	<i>For Each 14" x 16" Window, Add</i>	22.00		
	<i>For Each 15" x 20" Window, Add</i>	28.00		
	<i>For Each 18" x 30" Window, Add</i>	41.00		
08 38 19 00-0120	EA 32" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,142.42		66.91
	<i>For Each 14" x 16" Window, Add</i>	22.00		
	<i>For Each 15" x 20" Window, Add</i>	28.00		
	<i>For Each 18" x 30" Window, Add</i>	41.00		
08 38 19 00-0121	EA 36" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,255.71		69.82
	<i>For Each 14" x 16" Window, Add</i>	22.00		
	<i>For Each 15" x 20" Window, Add</i>	28.00		
	<i>For Each 18" x 30" Window, Add</i>	41.00		
08 38 19 00-0122	EA 40" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,377.81		69.82
	<i>For Each 14" x 16" Window, Add</i>	22.00		
	<i>For Each 15" x 20" Window, Add</i>	28.00		
	<i>For Each 18" x 30" Window, Add</i>	41.00		
08 38 19 00-0123	EA 42" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,492.93		78.55
	<i>For Each 14" x 16" Window, Add</i>	22.00		
	<i>For Each 15" x 20" Window, Add</i>	28.00		
	<i>For Each 18" x 30" Window, Add</i>	41.00		
08 38 19 00-0124	EA 44" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,575.96		78.55
	<i>For Each 14" x 16" Window, Add</i>	22.00		
	<i>For Each 15" x 20" Window, Add</i>	28.00		
	<i>For Each 18" x 30" Window, Add</i>	41.00		
08 38 19 00-0125		96" Height, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors <small>(08 38 19 00-0115)</small>		
08 38 19 00-0126	EA 24" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	2,965.66		64.00
	<i>For Each 14" x 16" Window, Add</i>	22.00		
	<i>For Each 15" x 20" Window, Add</i>	28.00		
	<i>For Each 18" x 30" Window, Add</i>	41.00		
08 38 19 00-0127	EA 28" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,239.17		64.00
	<i>For Each 14" x 16" Window, Add</i>	22.00		
	<i>For Each 15" x 20" Window, Add</i>	28.00		
	<i>For Each 18" x 30" Window, Add</i>	41.00		
08 38 19 00-0128	EA 30" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,318.25		66.91
	<i>For Each 14" x 16" Window, Add</i>	22.00		
	<i>For Each 15" x 20" Window, Add</i>	28.00		
	<i>For Each 18" x 30" Window, Add</i>	41.00		

08 Openings**08 30 Specialty Doors and Frames****08 38 Traffic Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 38 19 00-0129	EA	32" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,352.44	66.91
		<i>For Each 14" x 16" Window, Add</i>	22.00	
		<i>For Each 15" x 20" Window, Add</i>	28.00	
		<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0130	EA	36" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,455.96	69.82
		<i>For Each 14" x 16" Window, Add</i>	22.00	
		<i>For Each 15" x 20" Window, Add</i>	28.00	
		<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0131	EA	40" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,617.14	69.82
		<i>For Each 14" x 16" Window, Add</i>	22.00	
		<i>For Each 15" x 20" Window, Add</i>	28.00	
		<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0132	EA	42" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,712.71	78.55
		<i>For Each 14" x 16" Window, Add</i>	22.00	
		<i>For Each 15" x 20" Window, Add</i>	28.00	
		<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0133	EA	44" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,795.74	78.55
		<i>For Each 14" x 16" Window, Add</i>	22.00	
		<i>For Each 15" x 20" Window, Add</i>	28.00	
		<i>For Each 18" x 30" Window, Add</i>	41.00	

08 38 19 00-0134 Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors

(08 38 19 00-0114)

08 38 19 00-0135 84" Height, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors

(08 38 19 00-0134)

08 38 19 00-0136	EA	48" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	5,456.82	110.54
		<i>For Each 14" x 16" Window, Add</i>	22.00	
		<i>For Each 15" x 20" Window, Add</i>	28.00	
		<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0137	EA	56" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	5,974.53	110.54
		<i>For Each 14" x 16" Window, Add</i>	22.00	
		<i>For Each 15" x 20" Window, Add</i>	28.00	
		<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0138	EA	60" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	6,111.29	110.54
		<i>For Each 14" x 16" Window, Add</i>	22.00	
		<i>For Each 15" x 20" Window, Add</i>	28.00	
		<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0139	EA	64" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	6,238.27	110.54
		<i>For Each 14" x 16" Window, Add</i>	22.00	
		<i>For Each 15" x 20" Window, Add</i>	28.00	
		<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0140	EA	72" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	6,464.85	116.36
		<i>For Each 14" x 16" Window, Add</i>	22.00	
		<i>For Each 15" x 20" Window, Add</i>	28.00	
		<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0141	EA	80" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	6,709.06	116.36
		<i>For Each 14" x 16" Window, Add</i>	22.00	
		<i>For Each 15" x 20" Window, Add</i>	28.00	
		<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0142	EA	84" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	6,904.42	116.36
		<i>For Each 14" x 16" Window, Add</i>	22.00	
		<i>For Each 15" x 20" Window, Add</i>	28.00	
		<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0143	EA	88" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	7,070.48	116.36
		<i>For Each 14" x 16" Window, Add</i>	22.00	
		<i>For Each 15" x 20" Window, Add</i>	28.00	
		<i>For Each 18" x 30" Window, Add</i>	41.00	

08 38 19 00-0144 96" Height, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors

(08 38 19 00-0134)

08 38 19 00-0145	EA	48" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	5,896.39	110.54
		<i>For Each 14" x 16" Window, Add</i>	22.00	
		<i>For Each 15" x 20" Window, Add</i>	28.00	
		<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0146	EA	56" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	6,443.41	110.54
		<i>For Each 14" x 16" Window, Add</i>	22.00	
		<i>For Each 15" x 20" Window, Add</i>	28.00	
		<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0147	EA	60" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	6,589.93	110.54
		<i>For Each 14" x 16" Window, Add</i>	22.00	
		<i>For Each 15" x 20" Window, Add</i>	28.00	
		<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0148	EA	64" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	6,658.31	110.54
		<i>For Each 14" x 16" Window, Add</i>	22.00	
		<i>For Each 15" x 20" Window, Add</i>	28.00	
		<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0149	EA	72" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	6,865.35	116.36
		<i>For Each 14" x 16" Window, Add</i>	22.00	
		<i>For Each 15" x 20" Window, Add</i>	28.00	
		<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0150	EA	80" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	7,187.70	116.36
		<i>For Each 14" x 16" Window, Add</i>	22.00	
		<i>For Each 15" x 20" Window, Add</i>	28.00	
		<i>For Each 18" x 30" Window, Add</i>	41.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0151	EA		84" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door For Each 14" x 16" Window, Add For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	7,343.99 22.00 28.00 41.00	116.36
08 38 19 00-0152	EA		88" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door For Each 14" x 16" Window, Add For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	7,510.05 22.00 28.00 41.00	116.36
08 38 19 00-0153			1-1/2" Thick, Polymer Cell Core Impact Traffic Doors (Eliason HCP-10) ^(08 38 19 00-0153) ¹⁹⁾ Note: Includes 0.125" thick thermoplastic exterior finish, 14" x 16" acrylic window and 18" high easy spring bumpers.		
08 38 19 00-0154			Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors ^(08 38 19 00-0153)		
08 38 19 00-0155			84" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors ^(08 38 19 00-0154)		
08 38 19 00-0156	EA		24" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,697.03 6.00 19.00	64.00
08 38 19 00-0157	EA		28" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,838.67 6.00 19.00	64.00
08 38 19 00-0158	EA		30" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,971.48 6.00 19.00	66.91
08 38 19 00-0159	EA		32" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,054.51 6.00 19.00	66.91
08 38 19 00-0160	EA		36" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,265.48 6.00 19.00	69.82
08 38 19 00-0161	EA		40" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,431.54 6.00 19.00	69.82
08 38 19 00-0162	EA		42" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,580.84 6.00 19.00	78.55
08 38 19 00-0163	EA		44" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,737.13 6.00 19.00	78.55
08 38 19 00-0164			90" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors ^(08 38 19 00-0154)		
08 38 19 00-0165	EA		24" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,794.71 6.00 19.00	64.00
08 38 19 00-0166	EA		28" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,965.66 6.00 19.00	64.00
08 38 19 00-0167	EA		30" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,054.51 6.00 19.00	66.91
08 38 19 00-0168	EA		32" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,171.73 6.00 19.00	66.91
08 38 19 00-0169	EA		36" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,397.35 6.00 19.00	69.82
08 38 19 00-0170	EA		40" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,597.60 6.00 19.00	69.82
08 38 19 00-0171	EA		42" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,737.13 6.00 19.00	78.55
08 38 19 00-0172	EA		44" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,883.66 6.00 19.00	78.55
08 38 19 00-0173			96" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors ^(08 38 19 00-0154)		
08 38 19 00-0174	EA		24" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,043.80 6.00 19.00	64.00
08 38 19 00-0175	EA		28" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,077.99 6.00 19.00	64.00
08 38 19 00-0176	EA		30" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,225.45 6.00 19.00	66.91
08 38 19 00-0177	EA		32" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,332.90 6.00 19.00	66.91

08 Openings**08 30 Specialty Doors and Frames****08 38 Traffic Doors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 38 19 00-0178	EA 36" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,563.41 6.00 19.00	69.82
08 38 19 00-0179	EA 40" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,802.73 6.00 19.00	69.82
08 38 19 00-0180	EA 42" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,932.50 6.00 19.00	78.55
08 38 19 00-0181	EA 44" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,079.02 6.00 19.00	78.55
08 38 19 00-0182	Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0153)</small>		
08 38 19 00-0183	84" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0182)</small>		
08 38 19 00-0184	EA 48" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	5,359.13 6.00 19.00	110.54
08 38 19 00-0185	EA 56" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	5,642.41 6.00 19.00	110.54
08 38 19 00-0186	EA 60" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	5,896.39 6.00 19.00	110.54
08 38 19 00-0187	EA 64" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,062.45 6.00 19.00	110.54
08 38 19 00-0188	EA 72" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,484.39 6.00 19.00	116.36
08 38 19 00-0189	EA 80" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,816.51 6.00 19.00	116.36
08 38 19 00-0190	EA 84" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	7,080.25 6.00 19.00	116.36
08 38 19 00-0191	EA 88" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	7,392.84 6.00 19.00	116.36
08 38 19 00-0192	90" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0182)</small>		
08 38 19 00-0193	EA 48" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	5,554.50 6.00 19.00	110.54
08 38 19 00-0194	EA 56" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	5,896.39 6.00 19.00	110.54
08 38 19 00-0195	EA 60" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,062.45 6.00 19.00	110.54
08 38 19 00-0196	EA 64" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,296.88 6.00 19.00	110.54
08 38 19 00-0197	EA 72" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,748.13 6.00 19.00	116.36
08 38 19 00-0198	EA 80" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	7,148.63 6.00 19.00	116.36
08 38 19 00-0199	EA 84" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	7,392.84 6.00 19.00	116.36
08 38 19 00-0200	EA 88" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	7,685.88 6.00 19.00	116.36
08 38 19 00-0201	96" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0182)</small>		
08 38 19 00-0202	EA 48" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,052.68 6.00 19.00	110.54
08 38 19 00-0203	EA 56" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,121.05 6.00 19.00	110.54
08 38 19 00-0204	EA 60" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,404.33 6.00 19.00	110.54
08 38 19 00-0205	EA 64" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,619.23 6.00 19.00	110.54

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0206 EA 72" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	7,080.25	116.36
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0207 EA 80" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	7,558.89	116.36
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0208 EA 84" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	7,783.56	116.36
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0209 EA 88" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	8,076.61	116.36
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0210 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors (Eliason HFG-10)^(08 38 19 00-0210)		
Note: Includes 0.125" thick thermoplastic exterior finish, 14" x 16" acrylic window, 18" high easy spring bumpers, and perimeter gasketing.		
08 38 19 00-0211 Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors^(08 38 19 00-0210)		
08 38 19 00-0212 84" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors^(08 38 19 00-0211)		
08 38 19 00-0213 EA 24" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,697.03	64.00
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0214 EA 28" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,838.67	64.00
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0215 EA 30" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,971.48	66.91
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0216 EA 32" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,054.51	66.91
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0217 EA 36" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,265.48	69.82
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0218 EA 40" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,431.54	69.82
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0219 EA 42" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,580.84	78.55
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0220 EA 44" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,737.13	78.55
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0221 90" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors^(08 38 19 00-0211)		
08 38 19 00-0222 EA 24" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,794.71	64.00
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0223 EA 28" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,965.66	64.00
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0224 EA 30" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,054.51	66.91
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0225 EA 32" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,171.73	66.91
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0226 EA 36" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,397.35	69.82
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0227 EA 40" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,597.60	69.82
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0228 EA 42" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,737.13	78.55
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0229 EA 44" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,883.66	78.55
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0230 96" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors^(08 38 19 00-0211)		
08 38 19 00-0231 EA 24" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,043.80	64.00
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0232 EA 28" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,077.99	64.00
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0233 EA 30" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,225.45	66.91
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	

08 Openings**08 30 Specialty Doors and Frames****08 38 Traffic Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0234	EA		32" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,332.90	66.91
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0235	EA		36" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,563.41	69.82
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0236	EA		40" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,802.73	69.82
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0237	EA		42" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,932.50	78.55
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0238	EA		44" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,079.02	78.55
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0239			Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors <small>(08 38 19 00-0210)</small>		
08 38 19 00-0240			84" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors <small>(08 38 19 00-0239)</small>		
08 38 19 00-0241	EA		48" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	5,359.13	110.54
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0242	EA		56" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	5,642.41	110.54
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0243	EA		60" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	5,896.39	110.54
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0244	EA		64" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	6,062.45	110.54
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0245	EA		72" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	6,484.39	116.36
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0246	EA		80" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	6,816.51	116.36
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0247	EA		84" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	7,080.25	116.36
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0248	EA		88" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	7,392.84	116.36
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0249			90" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors <small>(08 38 19 00-0239)</small>		
08 38 19 00-0250	EA		48" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	5,554.50	110.54
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0251	EA		56" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	5,896.39	110.54
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0252	EA		60" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	6,062.45	110.54
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0253	EA		64" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	6,296.88	110.54
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0254	EA		72" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	6,748.13	116.36
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0255	EA		80" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	7,148.63	116.36
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0256	EA		84" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	7,392.84	116.36
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0257	EA		88" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	7,685.88	116.36
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0258			96" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors <small>(08 38 19 00-0239)</small>		
08 38 19 00-0259	EA		48" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	6,052.68	110.54
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0260	EA		56" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	6,121.05	110.54
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0261	EA		60" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	6,404.33	110.54
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0262 EA 64" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	6,619.23	110.54
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0263 EA 72" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	7,080.25	116.36
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0264 EA 80" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	7,558.89	116.36
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0265 EA 84" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	7,783.56	116.36
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0266 EA 88" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	8,076.61	116.36
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0267 Rigid Impact Traffic Door Accessories (08 38 19)		
08 38 19 00-0268 Bumper Strips For Impact Traffic Doors (08 38 19 00-0267)		
Note: Includes two bumpers per set.		
08 38 19 00-0269 SET 24" Wide, Bumper Strips For Impact Traffic Doors.....	227.26	46.55
08 38 19 00-0270 SET 30" Wide, Bumper Strips For Impact Traffic Doors.....	251.68	46.55
08 38 19 00-0271 SET 36" Wide, Bumper Strips For Impact Traffic Doors.....	271.22	46.55
08 38 19 00-0272 SET 48" Wide, Bumper Strips For Impact Traffic Doors.....	305.41	46.55
08 38 19 00-0273 Easy Spring Bumpers For Impact Traffic Doors (08 38 19 00-0267)		
Note: Includes two bumpers per set.		
08 38 19 00-0274 SET 18" Height, Easy Spring Bumpers For Impact Traffic Doors.....	622.87	46.55
08 38 19 00-0275 SET 24" Height, Easy Spring Bumpers For Impact Traffic Doors.....	828.01	46.55
08 38 19 00-0276 SET 36" Height, Easy Spring Bumpers For Impact Traffic Doors.....	1,223.62	46.55
08 38 19 00-0277 SET 42" Height, Easy Spring Bumpers For Impact Traffic Doors.....	1,414.10	46.55
08 38 19 00-0278 SET 48" Height, Easy Spring Bumpers For Impact Traffic Doors.....	1,609.47	46.55
08 38 19 00-0279 Scuff Plates For Impact Traffic Doors (08 38 19 00-0267)		
Note: Includes two 0.090" thermoplastic plates per set.		
08 38 19 00-0280 12" High, Scuff Plates For Impact Traffic Doors (08 38 19 00-0279)		
08 38 19 00-0281 SET 24" Wide x 12" High, Impact Traffic Door Scuff Plates.....	271.22	46.55
08 38 19 00-0282 SET 30" Wide x 12" High, Impact Traffic Door Scuff Plates.....	290.76	46.55
08 38 19 00-0283 SET 36" Wide x 12" High, Impact Traffic Door Scuff Plates.....	315.18	46.55
08 38 19 00-0284 SET 42" Wide x 12" High, Impact Traffic Door Scuff Plates.....	349.36	46.55
08 38 19 00-0285 SET 48" Wide x 12" High, Impact Traffic Door Scuff Plates.....	368.90	46.55
08 38 19 00-0286 24" High, Scuff Plates For Impact Traffic Doors (08 38 19 00-0279)		
08 38 19 00-0287 SET 24" Wide x 24" High, Impact Traffic Door Scuff Plates.....	368.90	46.55
08 38 19 00-0288 SET 30" Wide x 24" High, Impact Traffic Door Scuff Plates.....	456.82	46.55
08 38 19 00-0289 SET 36" Wide x 24" High, Impact Traffic Door Scuff Plates.....	505.66	46.55
08 38 19 00-0290 SET 42" Wide x 24" High, Impact Traffic Door Scuff Plates.....	574.03	46.55
08 38 19 00-0291 SET 48" Wide x 24" High, Impact Traffic Door Scuff Plates.....	617.99	46.55
08 38 19 00-0292 30" High, Scuff Plates For Impact Traffic Doors (08 38 19 00-0279)		
08 38 19 00-0293 SET 24" Wide x 30" High, Impact Traffic Door Scuff Plates.....	456.82	46.55
08 38 19 00-0294 SET 30" Wide x 30" High, Impact Traffic Door Scuff Plates.....	534.96	46.55
08 38 19 00-0295 SET 36" Wide x 30" High, Impact Traffic Door Scuff Plates.....	593.57	46.55
08 38 19 00-0296 SET 42" Wide x 30" High, Impact Traffic Door Scuff Plates.....	701.02	46.55
08 38 19 00-0297 SET 48" Wide x 30" High, Impact Traffic Door Scuff Plates.....	774.28	46.55
08 38 19 00-0298 36" High, Scuff Plates For Impact Traffic Doors (08 38 19 00-0279)		
08 38 19 00-0299 SET 24" Wide x 36" High, Impact Traffic Door Scuff Plates.....	505.66	46.55
08 38 19 00-0300 SET 30" Wide x 36" High, Impact Traffic Door Scuff Plates.....	593.57	46.55
08 38 19 00-0301 SET 36" Wide x 36" High, Impact Traffic Door Scuff Plates.....	691.25	46.55
08 38 19 00-0302 SET 42" Wide x 36" High, Impact Traffic Door Scuff Plates.....	744.98	46.55
08 38 19 00-0303 SET 48" Wide x 36" High, Impact Traffic Door Scuff Plates.....	828.01	46.55
08 38 19 00-0304 48" High, Scuff Plates For Impact Traffic Doors (08 38 19 00-0279)		
08 38 19 00-0305 SET 24" Wide x 48" High, Impact Traffic Door Scuff Plates.....	617.99	46.55
08 38 19 00-0306 SET 30" Wide x 48" High, Impact Traffic Door Scuff Plates.....	774.28	46.55
08 38 19 00-0307 SET 36" Wide x 48" High, Impact Traffic Door Scuff Plates.....	828.01	46.55
08 38 19 00-0308 SET 42" Wide x 48" High, Impact Traffic Door Scuff Plates.....	930.57	46.55
08 38 19 00-0309 SET 48" Wide x 48" High, Impact Traffic Door Scuff Plates.....	1,042.91	46.55
08 38 19 00-0310 Base Plates For Impact Traffic Doors (08 38 19 00-0267)		
Note: Includes two base plates per set.		
08 38 19 00-0311 Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0310)		
08 38 19 00-0312 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0311)		
08 38 19 00-0313 SET 24" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	261.45	46.55

08 Openings**08 30 Specialty Doors and Frames****08 38 Traffic Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 38 19 00-0314	SET	30" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	280.99	46.55
08 38 19 00-0315	SET	36" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	290.76	46.55
08 38 19 00-0316	SET	42" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	334.71	46.55
08 38 19 00-0317	SET	48" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	354.25	46.55
08 38 19 00-0318		24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0311)		
08 38 19 00-0319	SET	24" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	334.71	46.55
08 38 19 00-0320	SET	30" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	364.02	46.55
08 38 19 00-0321	SET	36" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	393.32	46.55
08 38 19 00-0322	SET	42" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	417.74	46.55
08 38 19 00-0323	SET	48" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	456.82	46.55
08 38 19 00-0324		30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0311)		
08 38 19 00-0325	SET	24" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	383.55	46.55
08 38 19 00-0326	SET	30" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	407.97	46.55
08 38 19 00-0327	SET	36" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	466.58	46.55
08 38 19 00-0328	SET	42" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	530.08	46.55
08 38 19 00-0329	SET	48" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	559.38	46.55
08 38 19 00-0330		36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0311)		
08 38 19 00-0331	SET	24" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	407.97	46.55
08 38 19 00-0332	SET	30" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	456.82	46.55
08 38 19 00-0333	SET	36" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	530.08	46.55
08 38 19 00-0334	SET	42" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	588.69	46.55
08 38 19 00-0335	SET	48" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	622.87	46.55
08 38 19 00-0336		48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0311)		
08 38 19 00-0337	SET	24" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	520.31	46.55
08 38 19 00-0338	SET	30" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	588.69	46.55
08 38 19 00-0339	SET	36" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	681.48	46.55
08 38 19 00-0340	SET	42" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	725.44	46.55
08 38 19 00-0341	SET	48" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	784.05	46.55
08 38 19 00-0342		Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0310)		
08 38 19 00-0343		12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0342)		
08 38 19 00-0344	SET	24" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	349.36	46.55
08 38 19 00-0345	SET	30" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	368.90	46.55
08 38 19 00-0346	SET	36" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	427.51	46.55
08 38 19 00-0347	SET	42" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	456.82	46.55
08 38 19 00-0348	SET	48" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	539.85	46.55
08 38 19 00-0349		24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0342)		
08 38 19 00-0350	SET	24" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	486.12	46.55
08 38 19 00-0351	SET	30" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	574.03	46.55
08 38 19 00-0352	SET	36" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	661.95	46.55
08 38 19 00-0353	SET	42" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	769.40	46.55
08 38 19 00-0354	SET	48" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	867.08	46.55
08 38 19 00-0355		30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0342)		
08 38 19 00-0356	SET	24" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	554.50	46.55
08 38 19 00-0357	SET	30" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	671.72	46.55
08 38 19 00-0358	SET	36" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	779.17	46.55
08 38 19 00-0359	SET	42" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	891.50	46.55
08 38 19 00-0360	SET	48" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,023.37	46.55
08 38 19 00-0361		36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0342)		
08 38 19 00-0362	SET	24" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	642.41	46.55
08 38 19 00-0363	SET	30" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	769.40	46.55
08 38 19 00-0364	SET	36" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	915.92	46.55
08 38 19 00-0365	SET	42" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,057.56	46.55
08 38 19 00-0366	SET	48" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,179.66	46.55
08 38 19 00-0367		48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0342)		
08 38 19 00-0368	SET	24" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	798.70	46.55
08 38 19 00-0369	SET	30" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,101.52	46.55
08 38 19 00-0370	SET	36" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,179.66	46.55
08 38 19 00-0371	SET	42" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,414.10	46.55
08 38 19 00-0372	SET	48" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,550.86	46.55

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 38 19 00-0373			One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors <small>(08 38 19 00-0310)</small>		
08 38 19 00-0374			12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors <small>(08 38 19 00-0373)</small>		
08 38 19 00-0375	SET		24" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	310.29	46.55
08 38 19 00-0376	SET		30" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	334.71	46.55
08 38 19 00-0377	SET		36" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	364.02	46.55
08 38 19 00-0378	SET		42" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	398.21	46.55
08 38 19 00-0379	SET		48" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	451.93	46.55
08 38 19 00-0380			24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors <small>(08 38 19 00-0373)</small>		
08 38 19 00-0381	SET		24" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	417.74	46.55
08 38 19 00-0382	SET		30" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	476.35	46.55
08 38 19 00-0383	SET		36" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	534.96	46.55
08 38 19 00-0384	SET		42" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	598.45	46.55
08 38 19 00-0385	SET		48" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	671.72	46.55
08 38 19 00-0386			30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors <small>(08 38 19 00-0373)</small>		
08 38 19 00-0387	SET		24" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	476.35	46.55
08 38 19 00-0388	SET		30" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	549.61	46.55
08 38 19 00-0389	SET		36" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	632.64	46.55
08 38 19 00-0390	SET		42" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	735.21	46.55
08 38 19 00-0391	SET		48" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	803.59	46.55
08 38 19 00-0392			36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors <small>(08 38 19 00-0373)</small>		
08 38 19 00-0393	SET		24" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	534.96	46.55
08 38 19 00-0394	SET		30" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	632.64	46.55
08 38 19 00-0395	SET		36" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	735.21	46.55
08 38 19 00-0396	SET		42" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	837.78	46.55
08 38 19 00-0397	SET		48" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	911.04	46.55
08 38 19 00-0398			48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors <small>(08 38 19 00-0373)</small>		
08 38 19 00-0399	SET		24" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	671.72	46.55
08 38 19 00-0400	SET		30" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	823.12	46.55
08 38 19 00-0401	SET		36" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	911.04	46.55
08 38 19 00-0402	SET		42" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,086.87	46.55
08 38 19 00-0403	SET		48" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,135.71	46.55
08 38 19 00-0404			Jamb Guards For Impact Traffic Doors <small>(08 38 19 00-0267)</small>		
08 38 19 00-0405	EA		3" x 9", Jamb Guard For Impact Traffic Doors	424.49	58.18
08 38 19 00-0406	EA		5" x 18", Jamb Guard For Impact Traffic Doors	571.01	58.18
08 38 19 00-0407	EA		5" x 18", Stainless Steel Jamb Guard For Impact Traffic Doors	1,108.26	58.18
08 38 19 00-0408			Other Impact Traffic Door Accessories <small>(08 38 19 00-0267)</small>		
08 38 19 00-0409	EA		Push Plate For Impact Traffic Doors	107.24	29.09
08 38 19 00-0410	EA		Pull Handle For Impact Traffic Doors	141.42	29.09
08 38 19 00-0411	EA		Deadbolt Lock For Impact Traffic Doors	351.44	29.09
08 38 19 00-0412	PR		Lock Hole Reinforcements For Impact Traffic Doors	439.36	29.09
08 38 19 00-0413	PR		Padlock Brackets For Impact Traffic Doors	175.61	29.09
08 38 19 00-0414			Impact Traffic Door Knock Down Frames <small>(08 38 19)</small>		
Note: Frames are 16 gauge galvanized steel with reinforcement at hardware locations.					
08 38 19 00-0415			Single Door, Impact Traffic Door Knock Down Frames <small>(08 38 19 00-0414)</small>		
08 38 19 00-0416			84" Height, Single Door, Impact Traffic Door Knock Down Frames <small>(08 38 19 00-0415)</small>		
08 38 19 00-0417	EA		24" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,046.89	87.27
08 38 19 00-0418	EA		28" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,230.51	95.99
08 38 19 00-0419	EA		30" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,258.74	101.81
08 38 19 00-0420	EA		32" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,290.71	110.54
08 38 19 00-0421	EA		36" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,321.06	116.36
08 38 19 00-0422	EA		40" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,377.46	122.18
08 38 19 00-0423	EA		42" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,419.09	128.00
08 38 19 00-0424	EA		44" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,447.14	133.81
08 38 19 00-0425			90" Height, Single Door, Impact Traffic Door Knock Down Frames <small>(08 38 19 00-0415)</small>		
08 38 19 00-0426	EA		24" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,068.67	87.27
08 38 19 00-0427	EA		28" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,256.44	95.99
08 38 19 00-0428	EA		30" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,285.13	101.81
08 38 19 00-0429	EA		32" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,317.45	110.54

08 Openings**08 30 Specialty Doors and Frames****08 38 Traffic Doors**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 38 19 00-0430	EA	36" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	1,348.26	116.36
08 38 19 00-0431	EA	40" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	1,405.79	122.18
08 38 19 00-0432	EA	42" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	1,448.15	128.00
08 38 19 00-0433	EA	44" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	1,476.64	133.81

08 38 19 00-0434 96" Height, Single Door, Impact Traffic Door Knock Down Frames (08 38 19 00-0415)

08 38 19 00-0435	EA	24" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	1,097.64	87.27
08 38 19 00-0436	EA	28" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	1,290.92	95.99
08 38 19 00-0437	EA	30" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	1,320.15	101.81
08 38 19 00-0438	EA	32" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	1,344.39	110.54
08 38 19 00-0439	EA	36" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	1,384.40	116.36
08 38 19 00-0440	EA	40" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	1,434.12	122.18
08 38 19 00-0441	EA	42" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	1,486.79	128.00
08 38 19 00-0442	EA	44" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	1,517.96	130.90

08 38 19 00-0443 Double Door, Impact Traffic Door Knock Down Frames (08 38 19 00-0414)**08 38 19 00-0444 84" Height, Double Door, Impact Traffic Door Knock Down Frames (08 38 19 00-0443)**

08 38 19 00-0445	EA	48" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	1,472.30	133.81
08 38 19 00-0446	EA	56" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	1,496.31	136.14
08 38 19 00-0447	EA	60" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	1,525.45	139.63
08 38 19 00-0448	EA	64" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	1,565.16	145.45
08 38 19 00-0449	EA	72" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	1,590.24	151.27
08 38 19 00-0450	EA	80" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	1,643.35	152.44
08 38 19 00-0451	EA	84" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	1,679.16	154.18
08 38 19 00-0452	EA	88" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	1,722.42	157.09

08 38 19 00-0453 90" Height, Double Door, Impact Traffic Door Knock Down Frames (08 38 19 00-0443)

08 38 19 00-0454	EA	48" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	1,502.38	133.81
08 38 19 00-0455	EA	56" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	1,526.83	136.14
08 38 19 00-0456	EA	60" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	1,556.61	139.63
08 38 19 00-0457	EA	64" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	1,597.01	145.45
08 38 19 00-0458	EA	72" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	1,622.47	151.27
08 38 19 00-0459	EA	80" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	1,676.81	152.44
08 38 19 00-0460	EA	84" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	1,713.42	154.18
08 38 19 00-0461	EA	88" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	1,757.63	157.09

08 38 19 00-0462 96" Height, Double Door, Impact Traffic Door Knock Down Frames (08 38 19 00-0443)

08 38 19 00-0463	EA	48" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	1,537.50	133.81
08 38 19 00-0464	EA	56" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	1,557.31	136.14
08 38 19 00-0465	EA	60" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	1,597.98	139.63
08 38 19 00-0466	EA	64" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	1,628.85	145.45
08 38 19 00-0467	EA	72" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	1,665.21	151.27
08 38 19 00-0468	EA	80" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	1,726.14	152.44
08 38 19 00-0469	EA	84" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	1,758.94	154.18
08 38 19 00-0470	EA	88" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	1,796.94	157.09

08 40 Entrances, Storefronts, and Curtain Walls (08)**08 42 Entrances (08 40)****08 42 13 Aluminum-Framed Entrances (08 42)****08 42 13 00-0001 Aluminum Framed Entrance Doors (08 42 13)**

Note: Includes frame, trim, necessary anchors, tempered glass, standard hardware (hinges, pull handle, push plate, threshold, door sweep) and prepared for panic device. Fixed doors mullion (on pairs). Excludes exit device and closer. See CSI section 08 71 11 00-2087 for exit device, 08 71 11 00-2243 for closer.

08 42 13 00-0002	EA	3' x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors.....	7,294.38	697.32
		Note: Including Glazing, Trim And Hardware		
		For 8' High Door, Add	718.62	
		For 10' High Door, Add	1,562.23	
		For 1" Insulated Glazing, Add	142.56	
08 42 13 00-0003	EA	3'-6" x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors.....	7,334.88	697.32
		Note: Including Glazing, Trim And Hardware		
		For 8' High Door, Add	723.28	
		For 10' High Door, Add	1,572.35	
		For 1" Insulated Glazing, Add	142.56	
08 42 13 00-0004	PR	6' x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors.....	12,392.46	1,045.78
		Note: Including Glazing, Trim And Hardware		
		For 8' High Door, Add	1,245.15	
		For 10' High Door, Add	2,706.85	
		For 1" Insulated Glazing, Add	285.11	
08 42 13 00-0005	PR	7' x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors.....	14,384.68	1,045.78
		Note: Including Glazing, Trim And Hardware		
		For 8' High Door, Add	1,474.26	
		For 10' High Door, Add	3,204.91	
		For 1" Insulated Glazing, Add	285.11	
08 42 13 00-0006	EA	3' x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors.....	8,144.72	697.32
		Note: Including Glazing, Trim And Hardware		
		For 8' High Door, Add	816.41	
		For 10' High Door, Add	1,774.81	
		For 1" Insulated Glazing, Add	142.56	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

08 42 13 00-0007	EA	3'-6" x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors.....	8,237.86	697.32
		Note: Including Glazing, Trim And Hardware		
		For 8' High Door, Add	827.12	
		For 10' High Door, Add	1,798.10	
		For 1" Insulated Glazing, Add	142.56	
08 42 13 00-0008	PR	6' x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors	14,000.01	1,045.78
		Note: Including Glazing, Trim And Hardware		
		For 8' High Door, Add	1,430.02	
		For 10' High Door, Add	3,108.74	
		For 1" Insulated Glazing, Add	285.11	
08 42 13 00-0009	PR	7' x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors	15,945.30	1,045.78
		Note: Including Glazing, Trim And Hardware		
		For 8' High Door, Add	1,653.73	
		For 10' High Door, Add	3,595.06	
		For 1" Insulated Glazing, Add	285.11	

08 42 26 All-Glass Entrances (08 42)

08 42 26 00-0001 Full Glass Entrance Doors (08 42 26)

Note: Includes trim, necessary anchors, tempered glass, and standard hardware (hinges, handle, push plate, lock, closer). Excludes panic devices.

08 42 26 00-0002	EA	3' x 7' x 1/2" Thick, Full Glass, Tempered, Glass Entrance Door.....	5,463.36	261.37
		Note: Including Trim And Hardware		
		For Anodized Color, Add	795.22	
		For Stainless Steel, Add	2,871.63	
		For 8' High Door, Add	508.06	
		For 10' High Door, Add	1,104.47	
		For 1" Insulated Glazing, Add	142.56	
08 42 26 00-0003	PR	6' x 7' x 1/2" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 1/2")	9,835.06	313.64
		Note: Including Trim And Hardware		
		For Anodized Color, Add	1,501.48	
		For Stainless Steel, Add	5,422.00	
		For 8' High Door, Add	959.28	
		For 10' High Door, Add	2,085.39	
		For 1" Insulated Glazing, Add	285.11	
08 42 26 00-0004	EA	3' x 7' x 5/8" Thick, Full Glass, Tempered, Glass Entrance Door.....	6,259.27	261.37
		Note: Including Trim And Hardware		
		For Anodized Color, Add	938.48	
		For Stainless Steel, Add	3,388.97	
		For 8' High Door, Add	599.59	
		For 10' High Door, Add	1,303.45	
		For 1" Insulated Glazing, Add	142.56	
08 42 26 00-0005	PR	6' x 7' x 5/8" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 5/8")	11,548.70	313.64
		Note: Including Trim And Hardware		
		For Anodized Color, Add	1,809.93	
		For Stainless Steel, Add	6,535.87	
		For 8' High Door, Add	1,156.35	
		For 10' High Door, Add	2,513.80	
		For 1" Insulated Glazing, Add	285.11	
08 42 26 00-0006	EA	3' x 7' x 3/4" Thick, Full Glass, Tempered, Glass Entrance Door.....	7,052.06	261.37
		Note: Including Trim And Hardware		
		For Anodized Color, Add	1,081.19	
		For Stainless Steel, Add	3,904.28	
		For 8' High Door, Add	690.76	
		For 10' High Door, Add	1,501.65	
		For 1" Insulated Glazing, Add	142.56	
08 42 26 00-0007	PR	6' x 7' x 3/4" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 3/4")	13,259.54	313.64
		Note: Including Trim And Hardware		
		For Anodized Color, Add	2,117.88	
		For Stainless Steel, Add	7,647.91	
		For 8' High Door, Add	1,353.09	
		For 10' High Door, Add	2,941.51	
		For 1" Insulated Glazing, Add	285.11	
08 42 26 00-0008	EA	3' x 7' x 1" Thick, Full Glass, Tempered, Glass Entrance Door.....	8,640.71	261.37
		Note: Including Trim And Hardware		
		For Anodized Color, Add	1,367.14	
		For Stainless Steel, Add	4,936.91	
		For 8' High Door, Add	873.45	
		For 10' High Door, Add	1,898.81	
		For 1" Insulated Glazing, Add	142.56	
08 42 26 00-0009	PR	6' x 7' x 1" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 1")	16,684.01	313.64
		Note: Including Trim And Hardware		
		For Anodized Color, Add	2,734.29	
		For Stainless Steel, Add	9,873.82	
		For 8' High Door, Add	1,746.91	
		For 10' High Door, Add	3,797.62	
		For 1" Insulated Glazing, Add	285.11	

08 42 26 00-0010 Frames For Full Glass Doors (08 42 26)

08 42 26 00-0011	LF	Glass Entrance Door, Light Weight Aluminum Frame, 1/8" x 17" Shaped Jamb - Head	27.12	3.13
08 42 26 00-0012	LF	Glass Entrance Door, Heavy Weight Aluminum Frame, 1/8" x 17" Shaped Jamb - Head	35.05	4.18

08 42 29 Automatic Entrances (08 42)

08 42 29 23 Sliding Automatic Entrances (08 42 29)

Note: Power-operated automatic sliding doors may be used as emergency egress doors as they can break-out in the direction of egress. Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.

08 Openings**08 40 Entrances, Storefronts, and Curtain Walls****08 42 Entrances**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 42 29 23-001	Bronze Finished Framed Sliding Automatic Entrances (08 42 29 23)			
08 42 29 23-002	2 Panel, Bronze Finished Framed Sliding Automatic Entrance (08 42 29 23-001)			
	Note: Single sliding.			
08 42 29 23-003	EA	5'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	2,578.26	104.54
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	177.69	
		For Emergency Egress On All Panels, Add	473.83	
08 42 29 23-004	EA	6'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	2,863.47	141.14
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	193.59	
		For Emergency Egress On All Panels, Add	516.24	
08 42 29 23-005	EA	7'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	3,114.72	156.82
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	210.08	
		For Emergency Egress On All Panels, Add	560.22	
08 42 29 23-006	EA	8'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	3,358.89	172.51
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	226.04	
		For Emergency Egress On All Panels, Add	602.78	
08 42 29 23-007	EA	10'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	4,414.57	209.10
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	299.73	
		For Emergency Egress On All Panels, Add	799.28	
08 42 29 23-008	EA	12'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	4,582.09	245.69
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	306.80	
		For Emergency Egress On All Panels, Add	818.14	
08 42 29 23-009	EA	15'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	6,128.71	282.28
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	417.31	
		For Emergency Egress On All Panels, Add	1,112.83	
08 42 29 23-010	4 Panel, Bronze Finished Framed Sliding Automatic Entrance (08 42 29 23-001)			
	Note: Bi-parting.			
08 42 29 23-011	EA	12'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	5,159.27	261.37
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	347.74	
		For Emergency Egress On All Panels, Add	927.31	
08 42 29 23-012	EA	14'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	5,656.81	287.50
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	381.14	
		For Emergency Egress On All Panels, Add	1,016.36	
08 42 29 23-013	EA	16'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	6,154.36	313.64
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	414.53	
		For Emergency Egress On All Panels, Add	1,105.42	
08 42 29 23-014	EA	18'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	7,444.05	339.77
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	507.34	
		For Emergency Egress On All Panels, Add	1,352.90	
08 42 29 23-015	EA	20'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	8,733.74	365.81
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	600.14	
		For Emergency Egress On All Panels, Add	1,600.38	
08 42 29 23-016	Aluminum Finished Framed Sliding Automatic Entrances (08 42 29 23)			
08 42 29 23-017	2 Panel, Aluminum Finished Framed Sliding Automatic Entrance (08 42 29 23-0016)			
	Note: Single sliding.			
08 42 29 23-018	EA	5'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance.....	2,355.06	104.54
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	160.95	
		For Emergency Egress On All Panels, Add	429.19	
08 42 29 23-019	EA	6'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance.....	2,620.31	141.14
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	175.35	
		For Emergency Egress On All Panels, Add	467.61	
08 42 29 23-020	EA	7'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance.....	2,846.74	156.82
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	189.98	
		For Emergency Egress On All Panels, Add	506.62	
08 42 29 23-021	EA	8'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance.....	3,074.95	172.51
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	204.75	
		For Emergency Egress On All Panels, Add	545.99	
08 42 29 23-022	EA	10'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance.....	4,038.10	209.10
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	271.49	
		For Emergency Egress On All Panels, Add	723.98	
08 42 29 23-023	EA	12'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance.....	4,196.71	245.69
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	277.90	
		For Emergency Egress On All Panels, Add	741.07	
08 42 29 23-024	EA	15'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance.....	5,604.57	282.28
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	378.00	
		For Emergency Egress On All Panels, Add	1,008.00	
08 42 29 23-025	4 Panel, Aluminum Finished Framed Sliding Automatic Entrance (08 42 29 23-0016)			
	Note: Bi-parting.			
08 42 29 23-026	EA	12'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance.....	4,722.49	261.37
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	314.98	
		For Emergency Egress On All Panels, Add	839.95	
08 42 29 23-027	EA	14'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance.....	5,178.07	287.50
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	345.23	
		For Emergency Egress On All Panels, Add	920.61	
08 42 29 23-028	EA	16'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance.....	5,633.65	313.64
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	375.48	
		For Emergency Egress On All Panels, Add	1,001.27	
08 42 29 23-029	EA	18'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance.....	6,806.79	339.77
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	459.54	
		For Emergency Egress On All Panels, Add	1,225.45	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 29 23-0030 EA 20'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	7,979.94 543.61 1,449.62	365.81
08 42 29 23-0031 Stainless Steel Framed Sliding Automatic Entrances (08 42 29 23)		
08 42 29 23-0032 2 Panel, Stainless Steel Framed Sliding Automatic Entrance (08 42 29 23-0031) Note: Single sliding.		
08 42 29 23-0033 EA 5'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	2,955.50 205.98 549.28	104.54
08 42 29 23-0034 EA 6'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	3,274.49 224.42 598.44	141.14
08 42 29 23-0035 EA 7'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	3,807.43 262.03 698.76	156.82
08 42 29 23-0036 EA 8'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	4,370.81 301.94 805.16	172.51
08 42 29 23-0037 EA 10'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	5,050.95 347.46 926.55	209.10
08 42 29 23-0038 EA 12'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	5,233.46 355.66 948.42	245.69
08 42 29 23-0039 EA 15'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	7,014.77 483.77 1,290.04	282.28
08 42 29 23-0040 4 Panel, Stainless Steel Framed Sliding Automatic Entrance (08 42 29 23-0031) Note: Bi-parting.		
08 42 29 23-0041 EA 12'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	5,897.58 403.11 1,074.97	261.37
08 42 29 23-0042 EA 14'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	6,466.00 441.83 1,178.20	287.50
08 42 29 23-0043 EA 16'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	7,034.43 480.54 1,281.43	313.64
08 42 29 23-0044 EA 18'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	8,521.19 588.12 1,568.33	339.77
08 42 29 23-0045 EA 20'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	10,007.96 695.71 1,855.23	365.91
08 42 29 23-0046 Accessories For Sliding Automatic Entrances (08 42 29 23) See CSI section 08 42 29 33-0006 for eye operators.		
08 42 29 23-0047 EA Automatic 2 Panel Sliding Door Motor, Activation Eye Or Push Button Controls..... Note: Includes motor for pair of sliding doors (2 panels).	6,450.39	1,163.62
08 42 29 23-0048 EA Automatic 4 Panel Sliding Door Motor, Activation Eye Or Push Button Controls..... Note: Includes motor for pair of sliding doors (4 panel).	10,806.13	1,745.42
08 42 29 33 Swinging Automatic Entrances (08 42 29) Note: Excludes glazing.		
08 42 29 33-0001 Swing Door Operators, Up To 350 LB Panel Weight (08 42 29 33) Note: Includes electro-mechanical swinging door operator and electrical controls, aluminum header, connecting hardware, actuating controls, and on/off/hold open switch. Excludes activation device, doors, and power connection. Stanley Magic Force or equal.		
08 42 29 33-0002 EA Concealed Single Door Swing Door Operator, Up To 350 LB Panel..... Note: For new storefront or existing concealed operator installations.	4,223.53	571.32
08 42 29 33-0003 EA Concealed Pair Of Doors Swing Door Operator, Up To 350 LB Panel..... Note: For new storefront or existing concealed operator installations.	7,305.10	761.80
08 42 29 33-0004 EA Exposed Single Door Swing Door Operator, Up To 350 LB Panel.....	3,515.37	457.05
08 42 29 33-0005 EA Exposed Pair Of Doors Swing Door Operator, Up To 350 LB Panel.....	6,344.54	685.58
08 42 29 33-0006 Activation Devices For Door Operators (08 42 29 33)		
08 42 29 33-0007 EA Overhead Active Infrared Presence Detector For Door Operators (MS Sedco DH97)..... Note: Includes wiring harness and relays.	471.50	45.71
08 42 29 33-0008 EA On Door Active Infrared Presence Detector For Door Operator (Stanley Sentrex RS)..... Note: Includes wiring harness and relays.	417.62	45.71
08 42 29 33-0009 EA Microwave Motion Sensor For Door Operator (MS Sedco D38)..... Note: Includes wiring harness and relays.	421.92	45.71
08 42 29 33-0010 EA 4" x 4", Americans With Disabilities Act Compliant Push Button For Door Operator (MS Sedco 59-H)..... Note: Excludes wiring from operator to push plate.	192.78	45.71
08 42 29 33-0011 EA 1-1/2" x 4", Americans With Disabilities Act Compliant Push Button For Door Operator (MS Sedco 59J-H)..... Note: Excludes wiring from operator to push button.	207.51	45.71
08 42 29 33-0012 EA 1-11/16" x 4-1/2", Jamb Mounted Push Button For Door Operator (MS Sedco 425)..... Note: Excludes wiring from operator to push button.	138.74	45.71

08 Openings**08 40 Entrances, Storefronts, and Curtain Walls****08 42 Entrances**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 42 29 33-0013	EA	Radio Control System For Door Operator (MS Sedco Clearpath) 704.69	114.27
		Note: Includes receiver and two push plate transmitters.	
		<i>For Single Transmitter (Includes Receiver, One Push Plate Transmitter, And One Jamb Mounted Push Button), Deduct</i> -64.00	
08 42 29 33-0014	EA	Combination Digital Camera/Motion Detector For Door Operators (Stanley StanVision)..... 1,024.46	57.13
		Note: Includes wiring harness and relays.	
08 42 29 33-0015	EA	Guard Rail For Door With Operator 246.03	57.13

08 42 33 Revolving Door Entrances (08 42)**08 42 33 00-0001 Aluminum Revolving Doors (08 42 33)**

Note: Includes 3/4" tempered glass.

08 42 33 00-0002	EA	4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware 36,755.82	6,204.18
		<i>For Automatic Controls, Add</i> 8,262.33	
		<i>For Powder Coated, Add</i> 1,380.94	
08 42 33 00-0003	EA	5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware 49,962.93	9,306.41
		<i>For Automatic Controls, Add</i> 9,968.50	
		<i>For Powder Coated, Add</i> 1,735.31	
08 42 33 00-0004	EA	6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware 75,130.67	11,167.63
		<i>For Automatic Controls, Add</i> 10,992.20	
		<i>For Powder Coated, Add</i> 3,068.75	
08 42 33 00-0005	EA	4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware 40,885.62	6,824.54
		<i>For Automatic Controls, Add</i> 8,610.53	
		<i>For Powder Coated, Add</i> 1,546.50	
08 42 33 00-0006	EA	5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware 55,278.72	10,237.37
		<i>For Automatic Controls, Add</i> 10,433.82	
		<i>For Powder Coated, Add</i> 1,943.35	
08 42 33 00-0007	EA	6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware 83,892.99	12,284.39
		<i>For Automatic Controls, Add</i> 11,674.66	
		<i>For Powder Coated, Add</i> 3,436.67	

08 42 33 00-0008 Stainless Steel Revolving Doors (08 42 33)

Note: Includes 3/4" tempered glass.

08 42 33 00-0009	EA	4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware 37,671.23	6,204.18
		<i>For Automatic Controls, Add</i> 8,262.33	
08 42 33 00-0010	EA	5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware 51,113.25	9,306.41
		<i>For Automatic Controls, Add</i> 9,968.50	
08 42 33 00-0011	EA	6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware 77,164.92	11,167.63
		<i>For Automatic Controls, Add</i> 10,992.20	
08 42 33 00-0012	EA	4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware 41,913.22	6,824.54
		<i>For Automatic Controls, Add</i> 8,610.53	
08 42 33 00-0013	EA	5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware 56,570.01	10,237.37
		<i>For Automatic Controls, Add</i> 10,433.82	
08 42 33 00-0014	EA	6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware 86,176.55	12,284.39
		<i>For Automatic Controls, Add</i> 11,674.66	

08 42 33 00-0015 Bronze Revolving Doors (08 42 33)

Note: Includes 3/4" tempered glass.

08 42 33 00-0016	EA	4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware 34,442.92	6,204.18
		<i>For Automatic Controls, Add</i> 8,262.33	
08 42 33 00-0017	EA	5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware 47,056.51	9,306.41
		<i>For Automatic Controls, Add</i> 9,968.50	
08 42 33 00-0018	EA	6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware 69,990.88	11,167.63
		<i>For Automatic Controls, Add</i> 10,992.20	
08 42 33 00-0019	EA	4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware 38,297.51	6,824.54
		<i>For Automatic Controls, Add</i> 8,610.53	
08 42 33 00-0020	EA	5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware 52,026.46	10,237.37
		<i>For Automatic Controls, Add</i> 10,433.82	
08 42 33 00-0021	EA	6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware 78,141.63	12,284.39
		<i>For Automatic Controls, Add</i> 11,674.66	

08 42 36 Balanced Door Entrances (08 42)**08 42 36 00-0001 Balanced Doors, With Glass (08 42 36)**

Note: Includes 3/4" tempered glass, check and door guide, top pivot with bearing, torsion bar closer spring, bottom arm, semi-automatic hold open device, floor box, door roller guide, bottom pivot, top arm.

08 42 36 00-0002	EA	2'-6" x 7'-0" Balanced Door, Stainless Steel 21,659.25	322.71
		<i>For Bronze Instead Of Stainless Steel, Deduct</i> -5,213.06	
		<i>For 70% Fluoropolymer Exterior Finish (Duranar), Add</i> 2,085.22	
		<i>For Tinted Glass, Add</i> 1,042.61	
		<i>For Aluminum, Painted Finish, Deduct</i> -6,255.67	
08 42 36 00-0003	EA	3'-0" x 7'-0" Balanced Door, Stainless Steel 22,506.06	322.71
		<i>For Bronze Instead Of Stainless Steel, Deduct</i> -5,424.76	
		<i>For 70% Fluoropolymer Exterior Finish (Duranar), Add</i> 2,169.90	
		<i>For Tinted Glass, Add</i> 1,084.95	
		<i>For Aluminum, Painted Finish, Deduct</i> -6,509.71	
08 42 36 00-0004	EA	3'-6" x 7'-0" Balanced Door, Stainless Steel 24,562.74	322.71
		<i>For Bronze Instead Of Stainless Steel, Deduct</i> -5,938.93	
		<i>For 70% Fluoropolymer Exterior Finish (Duranar), Add</i> 2,375.57	
		<i>For Tinted Glass, Add</i> 1,187.79	
		<i>For Aluminum, Painted Finish, Deduct</i> -7,126.72	
08 42 36 00-0005	EA	4'-0" x 7'-0" Balanced Door, Stainless Steel 26,982.42	322.71
		<i>For Bronze Instead Of Stainless Steel, Deduct</i> -6,543.85	
		<i>For 70% Fluoropolymer Exterior Finish (Duranar), Add</i> 2,617.54	
		<i>For Tinted Glass, Add</i> 1,308.77	
		<i>For Aluminum, Painted Finish, Deduct</i> -7,852.62	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 42 36 00-0006	PR	Pair 3'-0" x 7'-0" Balanced Door, Stainless Steel	44,931.48	613.34
		<i>For Bronze Instead Of Stainless Steel, Deduct</i>	-10,849.53	
		<i>For 70% Fluoropolymer Exterior Finish (Duramar), Add</i>	4,339.81	
		<i>For Tinted Glass, Add</i>	2,169.91	
		<i>For Aluminum, Painted Finish, Deduct</i>	-13,019.44	

08 43 Storefronts (08 40)

08 43 13 Aluminum-Framed Storefronts (08 43)

08 43 13 00-0001 Aluminum Storefront Framing Assembly (08 43 13)

Note: Includes frames, fasteners and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing. See CSI section 08 43 13 00-0083 for reinforcing steel (where required), 08 81 23 23-0002 for tempered glazing, 08 81 23 23-0045 for laminated glazing, 08 81 23 23-0051 for insulated glazing.

08 43 13 00-0002 1-3/4" x 4-1/2" Frame, Aluminum Storefront Framing Assembly (08 43 13 00-0001)

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0003	SF	5' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	26.80	7.67
		<i>For Various Color Class I Anodized Finish, Add</i>	0.91	
		<i>For Black Color Class I Anodized Finish, Add</i>	2.73	
08 43 13 00-0004	SF	6' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	24.08	6.91
		<i>For Various Color Class I Anodized Finish, Add</i>	0.82	
		<i>For Black Color Class I Anodized Finish, Add</i>	2.45	
08 43 13 00-0005	SF	7' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	22.13	6.37
		<i>For Various Color Class I Anodized Finish, Add</i>	0.75	
		<i>For Black Color Class I Anodized Finish, Add</i>	2.25	
08 43 13 00-0006	SF	8' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	20.68	5.96
		<i>For Various Color Class I Anodized Finish, Add</i>	0.70	
		<i>For Black Color Class I Anodized Finish, Add</i>	2.10	
08 43 13 00-0007	SF	9' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	19.56	5.64
		<i>For Various Color Class I Anodized Finish, Add</i>	0.66	
		<i>For Black Color Class I Anodized Finish, Add</i>	1.98	
08 43 13 00-0008	SF	10' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	18.65	5.39
		<i>For Various Color Class I Anodized Finish, Add</i>	0.63	
		<i>For Black Color Class I Anodized Finish, Add</i>	1.89	
08 43 13 00-0009	SF	11' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	17.90	5.19
		<i>For Various Color Class I Anodized Finish, Add</i>	0.60	
		<i>For Black Color Class I Anodized Finish, Add</i>	1.81	
08 43 13 00-0010	SF	12' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	17.29	5.01
		<i>For Various Color Class I Anodized Finish, Add</i>	0.58	
		<i>For Black Color Class I Anodized Finish, Add</i>	1.75	

08 43 13 00-0011 1-3/4" x 4-1/2" Frame With Horizontal Mullion, Aluminum Storefront Framing Assembly (08 43 13 00-0001)

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, single horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0012	SF	5' High With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	34.95	10.04
		<i>For Various Color Class I Anodized Finish, Add</i>	1.19	
		<i>For Black Color Class I Anodized Finish, Add</i>	3.56	
08 43 13 00-0013	SF	6' High With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	30.84	8.89
		<i>For Various Color Class I Anodized Finish, Add</i>	1.05	
		<i>For Black Color Class I Anodized Finish, Add</i>	3.14	
08 43 13 00-0014	SF	7' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	28.03	8.05
		<i>For Various Color Class I Anodized Finish, Add</i>	0.95	
		<i>For Black Color Class I Anodized Finish, Add</i>	2.84	
08 43 13 00-0015	SF	8' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	25.84	7.43
		<i>For Various Color Class I Anodized Finish, Add</i>	0.87	
		<i>For Black Color Class I Anodized Finish, Add</i>	2.62	
08 43 13 00-0016	SF	9' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	24.13	6.90
		<i>For Various Color Class I Anodized Finish, Add</i>	0.81	
		<i>For Black Color Class I Anodized Finish, Add</i>	2.44	
08 43 13 00-0017	SF	10' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	22.74	6.59
		<i>For Various Color Class I Anodized Finish, Add</i>	0.77	
		<i>For Black Color Class I Anodized Finish, Add</i>	2.30	
08 43 13 00-0018	SF	11' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	21.67	6.27
		<i>For Various Color Class I Anodized Finish, Add</i>	0.73	
		<i>For Black Color Class I Anodized Finish, Add</i>	2.19	
08 43 13 00-0019	SF	12' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	20.73	5.96
		<i>For Various Color Class I Anodized Finish, Add</i>	0.70	
		<i>For Black Color Class I Anodized Finish, Add</i>	2.09	

08 Openings

08 40 Entrances, Storefronts, and Curtain Walls

08 43 Storefronts

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 43 13 00-0020	1-3/4" x 4-1/2" Frame With Two Horizontal Mullions, Aluminum Storefront Framing Assembly (08 43 13 00-0001)		
	Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, two horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0021	SF 5' High With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	43.14	12.33
	For Various Color Class I Anodized Finish, Add	1.47	
	For Black Color Class I Anodized Finish, Add	4.40	
08 43 13 00-0022	SF 6' High With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	37.75	10.77
	For Various Color Class I Anodized Finish, Add	1.28	
	For Black Color Class I Anodized Finish, Add	3.84	
08 43 13 00-0023	SF 7' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	33.85	9.72
	For Various Color Class I Anodized Finish, Add	1.15	
	For Black Color Class I Anodized Finish, Add	3.44	
08 43 13 00-0024	SF 8' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	30.92	8.89
	For Various Color Class I Anodized Finish, Add	1.05	
	For Black Color Class I Anodized Finish, Add	3.14	
08 43 13 00-0025	SF 9' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	28.60	8.26
	For Various Color Class I Anodized Finish, Add	0.97	
	For Black Color Class I Anodized Finish, Add	2.91	
08 43 13 00-0026	SF 10' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	26.82	7.74
	For Various Color Class I Anodized Finish, Add	0.91	
	For Black Color Class I Anodized Finish, Add	2.72	
08 43 13 00-0027	SF 11' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	25.36	7.32
	For Various Color Class I Anodized Finish, Add	0.86	
	For Black Color Class I Anodized Finish, Add	2.57	
08 43 13 00-0028	SF 12' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	24.12	7.00
	For Various Color Class I Anodized Finish, Add	0.81	
	For Black Color Class I Anodized Finish, Add	2.44	
08 43 13 00-0029	2" x 4-1/2" Frame, Aluminum Storefront Framing Assembly (08 43 13 00-0001)		
	Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0030	SF 5' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	27.61	8.05
	For Various Color Class I Anodized Finish, Add	0.93	
	For Black Color Class I Anodized Finish, Add	2.79	
08 43 13 00-0031	SF 6' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	24.82	7.22
	For Various Color Class I Anodized Finish, Add	0.83	
	For Black Color Class I Anodized Finish, Add	2.49	
08 43 13 00-0032	SF 7' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	22.71	6.69
	For Various Color Class I Anodized Finish, Add	0.76	
	For Black Color Class I Anodized Finish, Add	2.28	
08 43 13 00-0033	SF 8' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	21.20	6.27
	For Various Color Class I Anodized Finish, Add	0.71	
	For Black Color Class I Anodized Finish, Add	2.12	
08 43 13 00-0034	SF 9' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	20.00	5.85
	For Various Color Class I Anodized Finish, Add	0.67	
	For Black Color Class I Anodized Finish, Add	2.00	
08 43 13 00-0035	SF 10' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	19.14	5.64
	For Various Color Class I Anodized Finish, Add	0.63	
	For Black Color Class I Anodized Finish, Add	1.90	
08 43 13 00-0036	SF 11' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	18.26	5.43
	For Various Color Class I Anodized Finish, Add	0.61	
	For Black Color Class I Anodized Finish, Add	1.82	
08 43 13 00-0037	SF 12' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	17.68	5.23
	For Various Color Class I Anodized Finish, Add	0.58	
	For Black Color Class I Anodized Finish, Add	1.75	
08 43 13 00-0038	2" x 4-1/2" Frame With Horizontal Mullion, Aluminum Storefront Framing Assembly (08 43 13 00-0001)		
	Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, single horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0039	SF 5' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	36.65	10.87
	For Various Color Class I Anodized Finish, Add	1.21	
	For Black Color Class I Anodized Finish, Add	3.62	
08 43 13 00-0040	SF 6' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	32.24	9.61
	For Various Color Class I Anodized Finish, Add	1.06	
	For Black Color Class I Anodized Finish, Add	3.19	
08 43 13 00-0041	SF 7' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	29.15	8.68
	For Various Color Class I Anodized Finish, Add	0.96	
	For Black Color Class I Anodized Finish, Add	2.88	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 43 13 00-0042	SF			8' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	26.81	8.05
				<i>For Various Color Class I Anodized Finish, Add</i>	0.88	
				<i>For Black Color Class I Anodized Finish, Add</i>	2.64	
08 43 13 00-0043	SF			9' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	25.08	7.53
				<i>For Various Color Class I Anodized Finish, Add</i>	0.82	
				<i>For Black Color Class I Anodized Finish, Add</i>	2.46	
08 43 13 00-0044	SF			10' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	23.54	7.10
				<i>For Various Color Class I Anodized Finish, Add</i>	0.77	
				<i>For Black Color Class I Anodized Finish, Add</i>	2.32	
08 43 13 00-0045	SF			11' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	22.36	6.69
				<i>For Various Color Class I Anodized Finish, Add</i>	0.73	
				<i>For Black Color Class I Anodized Finish, Add</i>	2.20	
08 43 13 00-0046	SF			12' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	21.39	6.38
				<i>For Various Color Class I Anodized Finish, Add</i>	0.70	
				<i>For Black Color Class I Anodized Finish, Add</i>	2.10	

08 43 13 00-0047 2" x 4-1/2" Frame With Two Horizontal Mullions, Aluminum Storefront Framing Assembly (08 43 13 00-0001)

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, two horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0048	SF			5' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	44.31	12.96
				<i>For Various Color Class I Anodized Finish, Add</i>	1.49	
				<i>For Black Color Class I Anodized Finish, Add</i>	4.46	
08 43 13 00-0049	SF			6' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	38.72	11.29
				<i>For Various Color Class I Anodized Finish, Add</i>	1.29	
				<i>For Black Color Class I Anodized Finish, Add</i>	3.88	
08 43 13 00-0050	SF			7' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	34.67	10.14
				<i>For Various Color Class I Anodized Finish, Add</i>	1.16	
				<i>For Black Color Class I Anodized Finish, Add</i>	3.47	
08 43 13 00-0051	SF			8' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	31.71	9.30
				<i>For Various Color Class I Anodized Finish, Add</i>	1.06	
				<i>For Black Color Class I Anodized Finish, Add</i>	3.17	
08 43 13 00-0052	SF			9' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	29.33	8.58
				<i>For Various Color Class I Anodized Finish, Add</i>	0.98	
				<i>For Black Color Class I Anodized Finish, Add</i>	2.93	
08 43 13 00-0053	SF			10' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	27.43	8.05
				<i>For Various Color Class I Anodized Finish, Add</i>	0.91	
				<i>For Black Color Class I Anodized Finish, Add</i>	2.74	
08 43 13 00-0054	SF			11' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	25.94	7.63
				<i>For Various Color Class I Anodized Finish, Add</i>	0.86	
				<i>For Black Color Class I Anodized Finish, Add</i>	2.58	
08 43 13 00-0055	SF			12' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	24.57	7.32
				<i>For Various Color Class I Anodized Finish, Add</i>	0.82	
				<i>For Black Color Class I Anodized Finish, Add</i>	2.45	

08 43 13 00-0056 2-1/2" x 5" Frame, Aluminum Storefront Framing Assembly (08 43 13 00-0001)

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0057	SF			5' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	34.29	8.26
				<i>For Various Color Class I Anodized Finish, Add</i>	1.31	
				<i>For Black Color Class I Anodized Finish, Add</i>	3.93	
08 43 13 00-0058	SF			6' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	30.84	7.43
				<i>For Various Color Class I Anodized Finish, Add</i>	1.18	
				<i>For Black Color Class I Anodized Finish, Add</i>	3.54	
08 43 13 00-0059	SF			7' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	28.43	6.79
				<i>For Various Color Class I Anodized Finish, Add</i>	1.08	
				<i>For Black Color Class I Anodized Finish, Add</i>	3.25	
08 43 13 00-0060	SF			8' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	26.62	6.38
				<i>For Various Color Class I Anodized Finish, Add</i>	1.01	
				<i>For Black Color Class I Anodized Finish, Add</i>	3.04	
08 43 13 00-0061	SF			9' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	25.19	6.07
				<i>For Various Color Class I Anodized Finish, Add</i>	0.96	
				<i>For Black Color Class I Anodized Finish, Add</i>	2.88	
08 43 13 00-0062	SF			10' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	24.04	5.75
				<i>For Various Color Class I Anodized Finish, Add</i>	0.92	
				<i>For Black Color Class I Anodized Finish, Add</i>	2.75	
08 43 13 00-0063	SF			11' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	23.13	5.54
				<i>For Various Color Class I Anodized Finish, Add</i>	0.88	
				<i>For Black Color Class I Anodized Finish, Add</i>	2.64	
08 43 13 00-0064	SF			12' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	22.31	5.33
				<i>For Various Color Class I Anodized Finish, Add</i>	0.85	
				<i>For Black Color Class I Anodized Finish, Add</i>	2.55	

08 Openings**08 40 Entrances, Storefronts, and Curtain Walls****08 43 Storefronts**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 43 13 00-0065	2-1/2" x 5" Frame With Horizontal Mullion, Aluminum Storefront Framing Assembly <small>(08 43 13 00-0001)</small>		
	Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, single horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0066	SF 5' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	45.27	11.09
	For Various Color Class I Anodized Finish, Add	1.71	
	For Black Color Class I Anodized Finish, Add	5.12	
08 43 13 00-0067	SF 6' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	39.99	9.83
	For Various Color Class I Anodized Finish, Add	1.51	
	For Black Color Class I Anodized Finish, Add	4.53	
08 43 13 00-0068	SF 7' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	36.27	8.89
	For Various Color Class I Anodized Finish, Add	1.37	
	For Black Color Class I Anodized Finish, Add	4.10	
08 43 13 00-0069	SF 8' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	33.48	8.15
	For Various Color Class I Anodized Finish, Add	1.26	
	For Black Color Class I Anodized Finish, Add	3.79	
08 43 13 00-0070	SF 9' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	31.27	7.63
	For Various Color Class I Anodized Finish, Add	1.18	
	For Black Color Class I Anodized Finish, Add	3.54	
08 43 13 00-0071	SF 10' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	29.53	7.22
	For Various Color Class I Anodized Finish, Add	1.11	
	For Black Color Class I Anodized Finish, Add	3.34	
08 43 13 00-0072	SF 11' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	28.11	6.90
	For Various Color Class I Anodized Finish, Add	1.06	
	For Black Color Class I Anodized Finish, Add	3.18	
08 43 13 00-0073	SF 12' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	26.85	6.59
	For Various Color Class I Anodized Finish, Add	1.01	
	For Black Color Class I Anodized Finish, Add	3.04	
08 43 13 00-0074	2-1/2" x 5" Frame With Two Horizontal Mullions, Aluminum Storefront Framing Assembly <small>(08 43 13 00-0001)</small>		
	Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, two horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0075	SF 5' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	54.60	12.96
	For Various Color Class I Anodized Finish, Add	2.10	
	For Black Color Class I Anodized Finish, Add	6.31	
08 43 13 00-0076	SF 6' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	48.00	11.50
	For Various Color Class I Anodized Finish, Add	1.84	
	For Black Color Class I Anodized Finish, Add	5.52	
08 43 13 00-0077	SF 7' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	43.09	10.35
	For Various Color Class I Anodized Finish, Add	1.65	
	For Black Color Class I Anodized Finish, Add	4.95	
08 43 13 00-0078	SF 8' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	39.48	9.41
	For Various Color Class I Anodized Finish, Add	1.51	
	For Black Color Class I Anodized Finish, Add	4.53	
08 43 13 00-0079	SF 9' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	36.60	8.78
	For Various Color Class I Anodized Finish, Add	1.40	
	For Black Color Class I Anodized Finish, Add	4.20	
08 43 13 00-0080	SF 10' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	34.31	8.26
	For Various Color Class I Anodized Finish, Add	1.31	
	For Black Color Class I Anodized Finish, Add	3.93	
08 43 13 00-0081	SF 11' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	32.37	7.74
	For Various Color Class I Anodized Finish, Add	1.24	
	For Black Color Class I Anodized Finish, Add	3.72	
08 43 13 00-0082	SF 12' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	30.85	7.43
	For Various Color Class I Anodized Finish, Add	1.18	
	For Black Color Class I Anodized Finish, Add	3.54	
08 43 13 00-0083	Accessories For Aluminum Storefront Framing Assembly <small>(08 43 13 00-0001)</small>		
08 43 13 00-0084	LF For 3/4" x 4-3/16" x 10 Gauge Galvanized Steel Reinforcing, Storefront Framing.....	34.93	6.95
08 43 13 00-0085	LF For 1-1/4" x 4-3/16" x 10 Gauge Galvanized Steel Reinforcing, Storefront Framing.....	39.83	7.65
08 43 13 00-0086	LF For 1-7/16" x 4-5/8" x 1/4" Steel Reinforcing, Storefront Framing.....	61.00	8.41

08 43 19 Stainless-Steel-Framed Storefronts (08 43)

	MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT	DEMOLITION
			UNIT COST	UNIT COST

08 43 19 00-0001	Stainless Steel Storefront Framing Assembly <small>(08 43 19)</small>			
	<small>Note: Includes frames, reinforcing and accessories. Excludes doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing. Per SF of opening area. See CSI section 08 81 23 23-0051 for insulated glazing.</small>			
08 43 19 00-0002	SF Stainless Steel Storefront Framing Assembly.....		41.46	5.23
	<i>For 70% Fluoropolymer Exterior Finish (Duramar), Add</i>		3.35	

08 44 Curtain Wall and Glazed Assemblies (08 40)

08 44 13	Glazed Aluminum Curtain Walls <small>(08 44)</small>			
08 44 13 00-0001	Curtain Walls <small>(08 44 13)</small>			
08 44 13 00-0002	Coping Sections <small>(08 44 13 00-0001)</small>			
08 44 13 00-0003	LF Curtain Wall, 1/8" x 8" Coping Section Shaped (3") Aluminum System Framing Section.....		67.44	3.13
	<i>For Bronze Anodized Aluminum, Add</i>		7.37	
	<i>For Stainless Steel, Add</i>		30.38	
	<i>For Black Anodized Finish, Add</i>		13.26	
08 44 13 00-0004	LF Curtain Wall, 1/8" x 9" Coping Section Shaped (4") Aluminum System Framing Section.....		70.06	3.13
	<i>For Bronze Anodized Aluminum, Add</i>		7.76	
	<i>For Stainless Steel, Add</i>		31.95	
	<i>For Black Anodized Finish, Add</i>		13.96	
08 44 13 00-0005	LF Curtain Wall, 1/8" x 12-1/2" Coping Section Shaped (5-1/2") Aluminum Framing Section.....		84.24	4.18
	<i>For Bronze Anodized Aluminum, Add</i>		9.21	
	<i>For Stainless Steel, Add</i>		37.97	
	<i>For Black Anodized Finish, Add</i>		16.57	
08 44 13 00-0006	Sill Section <small>(08 44 13 00-0001)</small>			
08 44 13 00-0007	LF Aluminum Curtain Wall, 1/8" x 6" Sill Section Shaped Aluminum System Framing Section.....		55.52	2.09
	<i>For Bronze Anodized Aluminum, Add</i>		6.39	
	<i>For Stainless Steel, Add</i>		26.21	
	<i>For Black Anodized Finish, Add</i>		11.50	
08 44 13 00-0008	LF Aluminum Curtain Wall, 1/8" x 7" Sill Section Shaped Aluminum System Framing Section.....		60.07	2.09
	<i>For Bronze Anodized Aluminum, Add</i>		7.07	
	<i>For Stainless Steel, Add</i>		28.94	
	<i>For Black Anodized Finish, Add</i>		12.73	
08 44 13 00-0009	LF Aluminum Curtain Wall, 1/8" x 8-1/2" Sill Section Shaped Aluminum System Framing Section.....		64.68	2.09
	<i>For Bronze Anodized Aluminum, Add</i>		7.77	
	<i>For Stainless Steel, Add</i>		31.71	
	<i>For Black Anodized Finish, Add</i>		13.98	
08 44 13 00-0010	Aluminum Column Covers <small>(08 44 13 00-0001)</small>			
	<small>Note: Includes all clips and fasteners.</small>			
08 44 13 00-0011	LF Aluminum Column Covers, 1/8" x 26", Shaped.....		136.71	5.23
	<i>For Bronze Anodized Aluminum, Add</i>		16.09	
	<i>For Stainless Steel, Add</i>		65.83	
	<i>For Black Anodized Finish, Add</i>		28.96	
08 44 13 00-0012	LF Aluminum Column Covers, 1/8" x 34", Shaped.....		168.16	5.23
	<i>For Bronze Anodized Aluminum, Add</i>		20.54	
	<i>For Stainless Steel, Add</i>		83.73	
	<i>For Black Anodized Finish, Add</i>		36.98	
08 44 13 00-0013	LF Aluminum Column Covers, 1/8" x 38", Shaped.....		180.30	5.23
	<i>For Bronze Anodized Aluminum, Add</i>		22.36	
	<i>For Stainless Steel, Add</i>		91.01	
	<i>For Black Anodized Finish, Add</i>		40.25	
08 44 13 00-0014	Spandrel Covers <small>(08 44 13 00-0001)</small>			
	<small>Note: Where exterior facing only is described in the following the interior face will be tempered hardboard (to be painted).</small>			
08 44 13 00-0015	SF 1" Spandrel Cover, Aluminum Both Faces.....		55.31	2.09
	<i>For Bronze Anodized Aluminum, Add</i>		6.98	
	<i>For Stainless Steel, Add</i>		28.35	
	<i>For Black Anodized Finish, Add</i>		12.56	
08 44 13 00-0016	SF 1" Spandrel Cover, Aluminum Exterior Face.....		48.41	2.09
	<i>For Bronze Anodized Aluminum, Add</i>		5.94	
	<i>For Stainless Steel, Add</i>		24.21	
	<i>For Black Anodized Finish, Add</i>		10.70	
08 44 13 00-0017	SF 1" Spandrel Cover, Epoxy Both Faces.....		105.57	2.09
	<i>For Bronze Anodized Aluminum, Add</i>		14.52	
	<i>For Stainless Steel, Add</i>		58.51	
	<i>For Black Anodized Finish, Add</i>		26.13	
08 44 13 00-0018	SF 1" Spandrel Cover, Epoxy Exterior Face Only.....		86.10	2.09
	<i>For Bronze Anodized Aluminum, Add</i>		11.60	
	<i>For Stainless Steel, Add</i>		46.83	
	<i>For Black Anodized Finish, Add</i>		20.87	
08 44 13 00-0019	SF 2" Spandrel Cover, Aluminum Both Faces.....		62.10	2.09
	<i>For Bronze Anodized Aluminum, Add</i>		7.65	
	<i>For Stainless Steel, Add</i>		31.17	
	<i>For Black Anodized Finish, Add</i>		13.78	
08 44 13 00-0020	SF 2" Spandrel Cover, Aluminum Exterior Face.....		55.57	2.09
	<i>For Bronze Anodized Aluminum, Add</i>		6.68	
	<i>For Stainless Steel, Add</i>		27.25	
	<i>For Black Anodized Finish, Add</i>		12.02	

08 Openings**08 40 Entrances, Storefronts, and Curtain Walls****08 44 Curtain Wall and Glazed Assemblies**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 44 13 00-0021	SF 2" Spandrel Cover, Epoxy Both Faces..... <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	120.59 16.43 66.27 29.57	2.09
08 44 13 00-0022	SF 2" Spandrel Cover, Epoxy Exterior Face Only <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	98.13 13.06 52.79 23.51	2.09
08 44 13 00-0023	Curtain Wall, Aluminum System Framing Sections <small>(08 44 13 00-0001)</small> Note: The prices are based on stock shapes of anodized aluminum, plain color and of 0.125" thickness.		
08 44 13 00-0024	LF Aluminum System Curtain Wall, 1-1/2" x 3" Jamb Aluminum Framed Window Walls..... <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	80.53 10.84 43.76 19.50	2.09
08 44 13 00-0025	LF Aluminum System Curtain Wall, 1-1/2" x 3" Head Aluminum Framed Window Walls <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	80.37 10.84 43.75 19.50	2.09
08 44 13 00-0026	LF Aluminum System Curtain Wall, 1-1/2" x 3" Mullion Aluminum Framed Window Walls <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i> <i>For Corner Mullion, Add</i>	80.38 10.84 43.76 19.51 19.28	2.09
08 44 13 00-0027	LF Aluminum System Curtain Wall, 2" x 4" Jamb Aluminum Framed Window Walls..... <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	98.88 12.95 52.43 23.31	4.18
08 44 13 00-0028	LF Aluminum System Curtain Wall, 2" x 4" Horizontal Aluminum Framed Window Walls..... <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	98.88 12.95 52.43 23.31	4.18
08 44 13 00-0029	LF Aluminum System Curtain Wall, 2" x 4" Mullion Aluminum Framed Window Walls <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i> <i>For Corner Mullion, Add</i>	98.88 12.95 52.43 23.31 23.47	4.18
08 44 13 00-0030	LF Aluminum System Curtain Wall, 2" x 6" Jamb Aluminum Framed Window Walls..... <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	108.55 14.19 57.46 25.54	4.60
08 44 13 00-0031	LF Aluminum System Curtain Wall, 2" x 6" Horizontal Aluminum Framed Window Walls..... <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	108.55 14.19 57.46 25.54	4.60
08 44 13 00-0032	LF Aluminum System Curtain Wall, 2" x 6" Mullion Aluminum Framed Window Walls <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i> <i>For Corner Mullion, Add</i>	108.55 14.19 57.46 25.54 25.74	4.60
08 44 13 00-0033	LF Aluminum System Curtain Wall, 3" x 5-1/2" Jamb Aluminum Framed Window Walls..... <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	118.43 15.44 62.54 27.79	5.23
08 44 13 00-0034	LF Aluminum System Curtain Wall, 3" x 5-1/2" Horizontal Aluminum Framed Window Walls <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	118.43 15.44 62.54 27.79	5.23
08 44 13 00-0035	LF Aluminum System Curtain Wall, 3" x 5-1/2" Mullion Aluminum Framed Window Walls <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i> <i>For Corner Mullion, Add</i>	118.43 15.44 62.54 27.79 28.06	5.23
08 44 13 00-0036	LF Aluminum System Curtain Wall, 3" x 6-3/4" Jamb Aluminum Framed Window Walls..... <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	133.00 17.41 70.50 31.34	5.64
08 44 13 00-0037	LF Aluminum System Curtain Wall, 3" x 6-3/4" Horizontal Aluminum Framed Window Walls <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	133.00 17.41 70.50 31.34	5.64
08 44 13 00-0038	LF Aluminum System Curtain Wall, 3" x 6-3/4" Mullion Aluminum Framed Window Walls <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i> <i>For Corner Mullion, Add</i>	133.00 17.41 70.50 31.34 31.56	5.64
08 44 13 00-0039	LF Aluminum System Curtain Wall, 3" x 8-3/4" Jamb Aluminum Framed Window Walls..... <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	152.68 19.99 80.94 35.99	6.27
08 44 13 00-0040	LF Aluminum System Curtain Wall, 3" x 8-3/4" Horizontal Aluminum Framed Window Walls <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	152.68 19.99 80.94 35.99	6.27
08 44 13 00-0041	LF Aluminum System Curtain Wall, 3" x 8-3/4" Mullion Aluminum Framed Window Walls <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i> <i>For Corner Mullion, Add</i>	152.68 19.99 80.94 35.99 36.23	6.27

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 44 26 Structural Glass Curtain Walls (08 44)

08 44 26 16 Metal Framed Point Supported Glass Curtain Walls (08 44 26)

08 44 26 16-0001 Centria Exterior Closure Components (08 44 26 16)

08 44 26 16-0002	SF	Centria CS-260, 210 Single Skin Metal Panel .....66.31	19.83
		Note: Metal Panels include panel system base, vertical joints, vertical joint covers, foam and metal closure for vertical joints, clips and attachments. Includes extruded aluminum coping with two coats of 70% Mica Kynar finish factory installed.	
08 44 26 16-0003	SF	Centria Formawall Insulated Metal Panels 108.19	16.52
		Note: Includes two coats of 70% Mica Kynar finish factory installed. Includes base extrusion and coping extrusions.	
08 44 26 16-0004	LF	Centria Formawall Insulated Metal Panels Radius Column 177.90	27.55
		Note: Includes radius coping.	
08 44 26 16-0005	LF	Centria Formawall Insulated Metal Panels Coping 35.58	5.50
08 44 26 16-0006	SF	Centria Formawavue 3000 Thru Tube Window System Without Glass 124.53	26.44
		Note: 20 PSF wind load with 70% Mica Kynar two coat finish factory installed.	
08 44 26 16-0007	SF	Centria Formawavue 3000 Insulated Vision Units 22.85	
		Note: Vision insulated units to be 1" clear tempered insulated units with PPG Solarban 60 low-e coating on the #2 surface.	
08 44 26 16-0008	SF	Centria Formawavue 3000 Insulated Silkscreen Pattern Units 44.21	
		Note: Silkscreen units to be 1" clear tempered insulated units with PPG Solarban 60 low-e coating on the #2 surface and manufacturers standard silk screen (dots or lines) pattern on inboard lite.	
08 44 26 16-0009	LF	Centria Integrated Louver System 273.95	16.52
		Note: Factory installed 70% Mica Kynar two coat finish. Excludes blank-off panels or insect screens.	
08 44 26 16-0010	LF	Centria Integrated Sunshade System 1,268.52	116.78
		Note: Factory installed 70% Mica Kynar two coat finish.	

08 44 26 16-0011 Kalwall Exterior Closure Components (08 44 26 16)

08 44 26 16-0012	SF	Kalwall Translucent Panel System Standard 153.55	22.03
		Note: 25 PSF wind load. Factory installed 70% Mica Kynar two coat finish.	
08 44 26 16-0013	SF	Kalwall Translucent Panel System High Impact 159.87	22.03
08 44 26 16-0014	EA	Wind Clips 368.46	
		Note: 2 per connection to steel tube includes all welding, fasteners, prep, and clean up.	
08 44 26 16-0015	EA	Sill Angle With Welded Support Angles For The Kalwall System 429.87	
		Note: Includes all welding, fasteners, prep, and clean up.	
08 44 26 16-0016	EA	Kalwall Head Channel At Coping (Galvanized 16 Gauge 2 x 4.5") 19.65	
08 44 26 16-0017	EA	Kalwall Head Channel At Corners (Galvanized 16 Gauge 2 x 4.5") 85.97	

08 45 Translucent Wall and Roof Assemblies (08 40)

08 45 23 Fiberglass-Sandwich-Panel Assemblies (08 45)

08 45 23 00-0001 Translucent Fiberglass Sandwich-Panels 2-3/4" Thick (08 45 23)

08 45 23 00-0002	SF	<5,000 SF Translucent Fiberglass Sandwich-Panel 2-3/4" Thick, Metal Framed 128.18	5.64
		For Aluminum Frame, Add	11.97
08 45 23 00-0003	SF	>5,000 SF Translucent Fiberglass Sandwich-Panel 2-3/4" Thick, Metal Framed 117.49	4.80
		For Aluminum Frame, Add	11.03

08 50 Windows (08)

Note: Includes hardware, caulk, sealant and mounting anchors. Operable windows include weather stripping. Demolition includes removal of frame, glass and insect screens.

08 51 Metal Windows (08 50)

08 51 13 Aluminum Windows (08 51)

See CSI section 08 80 00 00-0000 for glazing.

08 51 13 00-0001 Aluminum Windows (08 51 13)

Note: Includes standard acrylic paint finish. Excludes glazing, panning and aluminum trim.

08 51 13 00-0002 Single Hung Aluminum Windows (08 51 13 00-0001)

08 51 13 00-0003 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400) (08 51 13 00-0002)

08 51 13 00-0004	EA	Up To 6 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400) 566.31	111.71
		For 50% Fluoropolymer Finish (Acrynar), Add	7.60
		For 70% Fluoropolymer Finish (Duramar), Add	22.81
		For Clear Anodized Finish, Add	19.01
		For Color Anodized Finish, Add	26.61
08 51 13 00-0005	EA	>6 To 10 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400) 636.63	118.68
		For 50% Fluoropolymer Finish (Acrynar), Add	8.78
		For 70% Fluoropolymer Finish (Duramar), Add	26.33
		For Clear Anodized Finish, Add	21.94
		For Color Anodized Finish, Add	30.72
08 51 13 00-0006	EA	>10 To 15 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400) 696.73	125.67
		For 50% Fluoropolymer Finish (Acrynar), Add	9.75
		For 70% Fluoropolymer Finish (Duramar), Add	29.24
		For Clear Anodized Finish, Add	24.36
		For Color Anodized Finish, Add	34.11

08 Openings**08 50 Windows****08 51 Metal Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 51 13 00-0007	EA	>15 To 20 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	746.64	132.66
		For 50% Fluoropolymer Finish (Acrynar), Add	10.51	
		For 70% Fluoropolymer Finish (Durandar), Add	31.53	
		For Clear Anodized Finish, Add	26.28	
		For Color Anodized Finish, Add	36.79	
08 51 13 00-0008	EA	>20 To 30 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	857.78	139.63
		For 50% Fluoropolymer Finish (Acrynar), Add	12.50	
		For 70% Fluoropolymer Finish (Durandar), Add	37.50	
		For Clear Anodized Finish, Add	31.25	
		For Color Anodized Finish, Add	43.75	
08 51 13 00-0009	SF	>30 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	27.83	4.19
		For 50% Fluoropolymer Finish (Acrynar), Add	0.42	
		For 70% Fluoropolymer Finish (Durandar), Add	1.25	
		For Clear Anodized Finish, Add	1.04	
		For Color Anodized Finish, Add	1.46	
08 51 13 00-0010 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100) (08 51 13 00-0002)				
08 51 13 00-0011	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	836.74	111.71
		For 50% Fluoropolymer Finish (Acrynar), Add	13.01	
		For 70% Fluoropolymer Finish (Durandar), Add	39.03	
		For Clear Anodized Finish, Add	32.53	
		For Color Anodized Finish, Add	45.54	
08 51 13 00-0012	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	930.02	118.68
		For 50% Fluoropolymer Finish (Acrynar), Add	14.64	
		For 70% Fluoropolymer Finish (Durandar), Add	43.93	
		For Clear Anodized Finish, Add	36.61	
		For Color Anodized Finish, Add	51.25	
08 51 13 00-0013	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	1,007.99	125.67
		For 50% Fluoropolymer Finish (Acrynar), Add	15.97	
		For 70% Fluoropolymer Finish (Durandar), Add	47.91	
		For Clear Anodized Finish, Add	39.93	
		For Color Anodized Finish, Add	55.90	
08 51 13 00-0014	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	1,083.41	132.66
		For 50% Fluoropolymer Finish (Acrynar), Add	17.25	
		For 70% Fluoropolymer Finish (Durandar), Add	51.74	
		For Clear Anodized Finish, Add	43.12	
		For Color Anodized Finish, Add	60.36	
08 51 13 00-0015	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	1,286.39	139.63
		For 50% Fluoropolymer Finish (Acrynar), Add	21.07	
		For 70% Fluoropolymer Finish (Durandar), Add	63.22	
		For Clear Anodized Finish, Add	52.68	
		For Color Anodized Finish, Add	73.76	
08 51 13 00-0016	SF	>30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	42.12	4.19
		For 50% Fluoropolymer Finish (Acrynar), Add	0.70	
		For 70% Fluoropolymer Finish (Durandar), Add	2.11	
		For Clear Anodized Finish, Add	1.76	
		For Color Anodized Finish, Add	2.46	
08 51 13 00-0017 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) (08 51 13 00-0002)				
08 51 13 00-0018	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	882.67	111.71
		For 50% Fluoropolymer Finish (Acrynar), Add	13.93	
		For 70% Fluoropolymer Finish (Durandar), Add	41.79	
		For Clear Anodized Finish, Add	34.82	
		For Color Anodized Finish, Add	48.75	
08 51 13 00-0019	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	993.80	118.68
		For 50% Fluoropolymer Finish (Acrynar), Add	15.92	
		For 70% Fluoropolymer Finish (Durandar), Add	47.76	
		For Clear Anodized Finish, Add	39.80	
		For Color Anodized Finish, Add	55.72	
08 51 13 00-0020	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	1,084.52	125.67
		For 50% Fluoropolymer Finish (Acrynar), Add	17.50	
		For 70% Fluoropolymer Finish (Durandar), Add	52.50	
		For Clear Anodized Finish, Add	43.75	
		For Color Anodized Finish, Add	61.25	
08 51 13 00-0021	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	1,172.70	132.66
		For 50% Fluoropolymer Finish (Acrynar), Add	19.03	
		For 70% Fluoropolymer Finish (Durandar), Add	57.10	
		For Clear Anodized Finish, Add	47.58	
		For Color Anodized Finish, Add	66.61	
08 51 13 00-0022	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	1,396.09	139.63
		For 50% Fluoropolymer Finish (Acrynar), Add	23.27	
		For 70% Fluoropolymer Finish (Durandar), Add	69.80	
		For Clear Anodized Finish, Add	58.17	
		For Color Anodized Finish, Add	81.44	
08 51 13 00-0023	SF	>30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	45.77	4.19
		For 50% Fluoropolymer Finish (Acrynar), Add	0.78	
		For 70% Fluoropolymer Finish (Durandar), Add	2.33	
		For Clear Anodized Finish, Add	1.94	
		For Color Anodized Finish, Add	2.71	
08 51 13 00-0024 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) (08 51 13 00-0002)				

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0025	EA		Up To 6 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700).....	969.41	111.71
			For 50% Fluoropolymer Finish (Acrynar), Add	15.66	
			For 70% Fluoropolymer Finish (Duranar), Add	46.99	
			For Clear Anodized Finish, Add	39.16	
			For Color Anodized Finish, Add	54.83	
08 51 13 00-0026	EA		>6 To 10 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	1,113.71	118.68
			For 50% Fluoropolymer Finish (Acrynar), Add	18.32	
			For 70% Fluoropolymer Finish (Duranar), Add	54.95	
			For Clear Anodized Finish, Add	45.79	
			For Color Anodized Finish, Add	64.11	
08 51 13 00-0027	EA		>10 To 15 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	1,206.98	125.67
			For 50% Fluoropolymer Finish (Acrynar), Add	19.95	
			For 70% Fluoropolymer Finish (Duranar), Add	59.85	
			For Clear Anodized Finish, Add	49.88	
			For Color Anodized Finish, Add	69.83	
08 51 13 00-0028	EA		>15 To 20 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	1,295.16	132.66
			For 50% Fluoropolymer Finish (Acrynar), Add	21.48	
			For 70% Fluoropolymer Finish (Duranar), Add	64.44	
			For Clear Anodized Finish, Add	53.70	
			For Color Anodized Finish, Add	75.18	
08 51 13 00-0029	EA		>20 To 30 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	1,500.69	139.63
			For 50% Fluoropolymer Finish (Acrynar), Add	25.36	
			For 70% Fluoropolymer Finish (Duranar), Add	76.08	
			For Clear Anodized Finish, Add	63.40	
			For Color Anodized Finish, Add	88.76	
08 51 13 00-0030	SF		>30 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	49.26	4.19
			For 50% Fluoropolymer Finish (Acrynar), Add	0.85	
			For 70% Fluoropolymer Finish (Duranar), Add	2.54	
			For Clear Anodized Finish, Add	2.11	
			For Color Anodized Finish, Add	2.96	
08 51 13 00-0031			Double Hung Aluminum Windows (08 51 13 00-0001)		
08 51 13 00-0032			3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000) (08 51 13 00-0031)		
08 51 13 00-0033	EA		Up To 6 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000).....	635.20	111.71
			For 50% Fluoropolymer Finish (Acrynar), Add	8.98	
			For 70% Fluoropolymer Finish (Duranar), Add	26.94	
			For Clear Anodized Finish, Add	22.45	
			For Color Anodized Finish, Add	31.43	
08 51 13 00-0034	EA		>6 To 10 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	702.96	118.68
			For 50% Fluoropolymer Finish (Acrynar), Add	10.10	
			For 70% Fluoropolymer Finish (Duranar), Add	30.31	
			For Clear Anodized Finish, Add	25.26	
			For Color Anodized Finish, Add	35.36	
08 51 13 00-0035	EA		>10 To 15 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	760.52	125.67
			For 50% Fluoropolymer Finish (Acrynar), Add	11.02	
			For 70% Fluoropolymer Finish (Duranar), Add	33.06	
			For Clear Anodized Finish, Add	27.55	
			For Color Anodized Finish, Add	38.57	
08 51 13 00-0036	EA		>15 To 20 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	820.63	132.66
			For 50% Fluoropolymer Finish (Acrynar), Add	11.99	
			For 70% Fluoropolymer Finish (Duranar), Add	35.97	
			For Clear Anodized Finish, Add	29.98	
			For Color Anodized Finish, Add	41.97	
08 51 13 00-0037	EA		>20 To 30 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	957.28	139.63
			For 50% Fluoropolymer Finish (Acrynar), Add	14.49	
			For 70% Fluoropolymer Finish (Duranar), Add	43.47	
			For Clear Anodized Finish, Add	36.23	
			For Color Anodized Finish, Add	50.72	
08 51 13 00-0038	SF		>30 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000).....	31.15	4.19
			For 50% Fluoropolymer Finish (Acrynar), Add	0.48	
			For 70% Fluoropolymer Finish (Duranar), Add	1.45	
			For Clear Anodized Finish, Add	1.21	
			For Color Anodized Finish, Add	1.69	
08 51 13 00-0039			4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000) (08 51 13 00-0031)		
08 51 13 00-0040	EA		Up To 6 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000).....	780.62	111.71
			For 50% Fluoropolymer Finish (Acrynar), Add	11.89	
			For 70% Fluoropolymer Finish (Duranar), Add	35.67	
			For Clear Anodized Finish, Add	29.72	
			For Color Anodized Finish, Add	41.61	
08 51 13 00-0041	EA		>6 To 10 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	904.51	118.68
			For 50% Fluoropolymer Finish (Acrynar), Add	14.13	
			For 70% Fluoropolymer Finish (Duranar), Add	42.40	
			For Clear Anodized Finish, Add	35.33	
			For Color Anodized Finish, Add	49.47	
08 51 13 00-0042	EA		>10 To 15 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	1,005.43	125.67
			For 50% Fluoropolymer Finish (Acrynar), Add	15.92	
			For 70% Fluoropolymer Finish (Duranar), Add	47.76	
			For Clear Anodized Finish, Add	39.80	
			For Color Anodized Finish, Add	55.72	
08 51 13 00-0043	EA		>15 To 20 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	1,119.12	132.66
			For 50% Fluoropolymer Finish (Acrynar), Add	17.96	
			For 70% Fluoropolymer Finish (Duranar), Add	53.88	
			For Clear Anodized Finish, Add	44.90	
			For Color Anodized Finish, Add	62.86	

08 Openings**08 50 Windows****08 51 Metal Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 51 13 00-0044	EA	>20 To 30 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000).....	1,327.21	139.63
		For 50% Fluoropolymer Finish (Acrynar), Add	21.89	
		For 70% Fluoropolymer Finish (Durandar), Add	65.67	
		For Clear Anodized Finish, Add	54.72	
		For Color Anodized Finish, Add	76.61	
08 51 13 00-0045	SF	>30 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	43.47	4.19
		For 50% Fluoropolymer Finish (Acrynar), Add	0.73	
		For 70% Fluoropolymer Finish (Durandar), Add	2.19	
		For Clear Anodized Finish, Add	1.82	
		For Color Anodized Finish, Add	2.55	

08 51 13 00-0046 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)

(08 51 13 00-0031)

08 51 13 00-0047	EA	Up To 6 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	982.16	111.71
		For 50% Fluoropolymer Finish (Acrynar), Add	15.92	
		For 70% Fluoropolymer Finish (Durandar), Add	47.76	
		For Clear Anodized Finish, Add	39.80	
		For Color Anodized Finish, Add	55.72	
08 51 13 00-0048	EA	>6 To 10 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400).....	1,126.47	118.68
		For 50% Fluoropolymer Finish (Acrynar), Add	18.57	
		For 70% Fluoropolymer Finish (Durandar), Add	55.72	
		For Clear Anodized Finish, Add	46.43	
		For Color Anodized Finish, Add	65.01	
08 51 13 00-0049	EA	>10 To 15 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400).....	1,247.80	125.67
		For 50% Fluoropolymer Finish (Acrynar), Add	20.77	
		For 70% Fluoropolymer Finish (Durandar), Add	62.30	
		For Clear Anodized Finish, Add	51.92	
		For Color Anodized Finish, Add	72.68	
08 51 13 00-0050	EA	>15 To 20 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400).....	1,366.59	132.66
		For 50% Fluoropolymer Finish (Acrynar), Add	22.91	
		For 70% Fluoropolymer Finish (Durandar), Add	68.73	
		For Clear Anodized Finish, Add	57.28	
		For Color Anodized Finish, Add	80.19	
08 51 13 00-0051	EA	>20 To 30 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400).....	1,651.21	139.63
		For 50% Fluoropolymer Finish (Acrynar), Add	28.37	
		For 70% Fluoropolymer Finish (Durandar), Add	85.11	
		For Clear Anodized Finish, Add	70.92	
		For Color Anodized Finish, Add	99.29	
08 51 13 00-0052	SF	>30 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400).....	54.26	4.19
		For 50% Fluoropolymer Finish (Acrynar), Add	0.95	
		For 70% Fluoropolymer Finish (Durandar), Add	2.84	
		For Clear Anodized Finish, Add	2.36	
		For Color Anodized Finish, Add	3.31	

08 51 13 00-0053 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)

(08 51 13 00-0031)

08 51 13 00-0054	EA	Up To 10 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	1,532.11	118.68
		For 50% Fluoropolymer Finish (Acrynar), Add	26.69	
		For 70% Fluoropolymer Finish (Durandar), Add	80.06	
		For Clear Anodized Finish, Add	66.71	
		For Color Anodized Finish, Add	93.40	
08 51 13 00-0055	EA	>10 To 15 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900).....	1,678.96	125.67
		For 50% Fluoropolymer Finish (Acrynar), Add	29.39	
		For 70% Fluoropolymer Finish (Durandar), Add	88.17	
		For Clear Anodized Finish, Add	73.48	
		For Color Anodized Finish, Add	102.87	
08 51 13 00-0056	EA	>15 To 20 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900).....	1,851.33	132.66
		For 50% Fluoropolymer Finish (Acrynar), Add	32.60	
		For 70% Fluoropolymer Finish (Durandar), Add	97.81	
		For Clear Anodized Finish, Add	81.51	
		For Color Anodized Finish, Add	114.12	
08 51 13 00-0057	EA	>20 To 30 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900).....	2,141.05	139.63
		For 50% Fluoropolymer Finish (Acrynar), Add	38.17	
		For 70% Fluoropolymer Finish (Durandar), Add	114.50	
		For Clear Anodized Finish, Add	95.42	
		For Color Anodized Finish, Add	133.58	
08 51 13 00-0058	SF	>30 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900).....	70.52	4.19
		For 50% Fluoropolymer Finish (Acrynar), Add	1.27	
		For 70% Fluoropolymer Finish (Durandar), Add	3.81	
		For Clear Anodized Finish, Add	3.18	
		For Color Anodized Finish, Add	4.45	

08 51 13 00-0059 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)

(08 51 13 00-0031)

08 51 13 00-0060	EA	Up To 10 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	2,108.69	118.68
		For 50% Fluoropolymer Finish (Acrynar), Add	38.22	
		For 70% Fluoropolymer Finish (Durandar), Add	114.65	
		For Clear Anodized Finish, Add	95.54	
		For Color Anodized Finish, Add	133.76	
08 51 13 00-0061	EA	>10 To 15 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600).....	2,273.40	125.67
		For 50% Fluoropolymer Finish (Acrynar), Add	41.28	
		For 70% Fluoropolymer Finish (Durandar), Add	123.84	
		For Clear Anodized Finish, Add	103.20	
		For Color Anodized Finish, Add	144.48	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0062	EA		>15 To 20 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600).....	2,461.07	132.66
			For 50% Fluoropolymer Finish (Acrynar), Add	44.80	
			For 70% Fluoropolymer Finish (Duramar), Add	134.40	
			For Clear Anodized Finish, Add	112.00	
			For Color Anodized Finish, Add	156.80	
08 51 13 00-0063	EA		>20 To 30 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600).....	2,786.51	139.63
			For 50% Fluoropolymer Finish (Acrynar), Add	51.08	
			For 70% Fluoropolymer Finish (Duramar), Add	153.23	
			For Clear Anodized Finish, Add	127.69	
			For Color Anodized Finish, Add	178.76	
08 51 13 00-0064	SF		>30 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600).....	92.20	4.19
			For 50% Fluoropolymer Finish (Acrynar), Add	1.70	
			For 70% Fluoropolymer Finish (Duramar), Add	5.11	
			For Clear Anodized Finish, Add	4.26	
			For Color Anodized Finish, Add	5.96	
08 51 13 00-0065			Horizontal Sliding Aluminum Windows (08 51 13 00-0001)		
08 51 13 00-0066			One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Windows (08 51 13 00-0065)		
08 51 13 00-0067			2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400) (08 51 13 00-0066)		
08 51 13 00-0068	EA		Up To 6 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	579.07	111.71
			For 50% Fluoropolymer Finish (Acrynar), Add	7.86	
			For 70% Fluoropolymer Finish (Duramar), Add	23.57	
			For Clear Anodized Finish, Add	19.64	
			For Color Anodized Finish, Add	27.50	
08 51 13 00-0069	EA		>6 To 10 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	651.94	118.68
			For 50% Fluoropolymer Finish (Acrynar), Add	9.08	
			For 70% Fluoropolymer Finish (Duramar), Add	27.25	
			For Clear Anodized Finish, Add	22.71	
			For Color Anodized Finish, Add	31.79	
08 51 13 00-0070	EA		>10 To 15 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	706.94	125.67
			For 50% Fluoropolymer Finish (Acrynar), Add	9.95	
			For 70% Fluoropolymer Finish (Duramar), Add	29.85	
			For Clear Anodized Finish, Add	24.87	
			For Color Anodized Finish, Add	34.82	
08 51 13 00-0071	EA		>15 To 20 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	764.50	132.66
			For 50% Fluoropolymer Finish (Acrynar), Add	10.87	
			For 70% Fluoropolymer Finish (Duramar), Add	32.60	
			For Clear Anodized Finish, Add	27.17	
			For Color Anodized Finish, Add	38.04	
08 51 13 00-0072	EA		>20 To 30 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	880.74	139.63
			For 50% Fluoropolymer Finish (Acrynar), Add	12.96	
			For 70% Fluoropolymer Finish (Duramar), Add	38.88	
			For Clear Anodized Finish, Add	32.40	
			For Color Anodized Finish, Add	45.36	
08 51 13 00-0073	SF		>30 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	28.60	4.19
			For 50% Fluoropolymer Finish (Acrynar), Add	0.43	
			For 70% Fluoropolymer Finish (Duramar), Add	1.30	
			For Clear Anodized Finish, Add	1.08	
			For Color Anodized Finish, Add	1.51	
08 51 13 00-0074			3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800) (08 51 13 00-0066)		
08 51 13 00-0075	EA		Up To 6 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	903.08	111.71
			For 50% Fluoropolymer Finish (Acrynar), Add	14.34	
			For 70% Fluoropolymer Finish (Duramar), Add	43.01	
			For Clear Anodized Finish, Add	35.85	
			For Color Anodized Finish, Add	50.18	
08 51 13 00-0076	EA		>6 To 10 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	1,016.76	118.68
			For 50% Fluoropolymer Finish (Acrynar), Add	16.38	
			For 70% Fluoropolymer Finish (Duramar), Add	49.14	
			For Clear Anodized Finish, Add	40.95	
			For Color Anodized Finish, Add	57.33	
08 51 13 00-0077	EA		>10 To 15 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	1,107.48	125.67
			For 50% Fluoropolymer Finish (Acrynar), Add	17.96	
			For 70% Fluoropolymer Finish (Duramar), Add	53.88	
			For Clear Anodized Finish, Add	44.90	
			For Color Anodized Finish, Add	62.86	
08 51 13 00-0078	EA		>15 To 20 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	1,195.66	132.66
			For 50% Fluoropolymer Finish (Acrynar), Add	19.49	
			For 70% Fluoropolymer Finish (Duramar), Add	58.47	
			For Clear Anodized Finish, Add	48.73	
			For Color Anodized Finish, Add	68.22	

08 Openings**08 50 Windows****08 51 Metal Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 51 13 00-0079	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800).....	1,385.89	139.63
		For 50% Fluoropolymer Finish (Acrynar), Add	23.06	
		For 70% Fluoropolymer Finish (Duramar), Add	69.19	
		For Clear Anodized Finish, Add	57.66	
		For Color Anodized Finish, Add	80.72	
08 51 13 00-0080	SF	>30 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800).....	45.44	4.19
		For 50% Fluoropolymer Finish (Acrynar), Add	0.77	
		For 70% Fluoropolymer Finish (Duramar), Add	2.31	
		For Clear Anodized Finish, Add	1.92	
		For Color Anodized Finish, Add	2.69	
08 51 13 00-0081		Two Rolling Sashes, Horizontal Sliding Aluminum Windows (08 51 13 00-0065)		
08 51 13 00-0082		3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000) (08 51 13 00-0081)		
08 51 13 00-0083	EA	Up To 6 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000).....	645.40	111.71
		For 50% Fluoropolymer Finish (Acrynar), Add	9.18	
		For 70% Fluoropolymer Finish (Duramar), Add	27.55	
		For Clear Anodized Finish, Add	22.96	
		For Color Anodized Finish, Add	32.15	
08 51 13 00-0084	EA	>6 To 10 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000).....	738.68	118.68
		For 50% Fluoropolymer Finish (Acrynar), Add	10.82	
		For 70% Fluoropolymer Finish (Duramar), Add	32.45	
		For Clear Anodized Finish, Add	27.04	
		For Color Anodized Finish, Add	37.86	
08 51 13 00-0085	EA	>10 To 15 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000).....	801.34	125.67
		For 50% Fluoropolymer Finish (Acrynar), Add	11.84	
		For 70% Fluoropolymer Finish (Duramar), Add	35.51	
		For Clear Anodized Finish, Add	29.59	
		For Color Anodized Finish, Add	41.43	
08 51 13 00-0086	EA	>15 To 20 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000).....	853.79	132.66
		For 50% Fluoropolymer Finish (Acrynar), Add	12.65	
		For 70% Fluoropolymer Finish (Duramar), Add	37.96	
		For Clear Anodized Finish, Add	31.64	
		For Color Anodized Finish, Add	44.29	
08 51 13 00-0087	EA	>20 To 30 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000).....	985.34	139.63
		For 50% Fluoropolymer Finish (Acrynar), Add	15.05	
		For 70% Fluoropolymer Finish (Duramar), Add	45.16	
		For Clear Anodized Finish, Add	37.63	
		For Color Anodized Finish, Add	52.68	
08 51 13 00-0088	SF	>30 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000).....	32.07	4.19
		For 50% Fluoropolymer Finish (Acrynar), Add	0.50	
		For 70% Fluoropolymer Finish (Duramar), Add	1.50	
		For Clear Anodized Finish, Add	1.25	
		For Color Anodized Finish, Add	1.76	
08 51 13 00-0089		Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Windows (08 51 13 00-0065)		
08 51 13 00-0090		4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330) (08 51 13 00-0089)		
08 51 13 00-0091	EA	Up To 12 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330).....	1,612.32	111.71
		For 50% Fluoropolymer Finish (Acrynar), Add	28.52	
		For 70% Fluoropolymer Finish (Duramar), Add	85.57	
		For Clear Anodized Finish, Add	71.31	
		For Color Anodized Finish, Add	99.83	
08 51 13 00-0092	EA	>12 To 18 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330).....	1,855.71	129.16
		For 50% Fluoropolymer Finish (Acrynar), Add	32.81	
		For 70% Fluoropolymer Finish (Duramar), Add	98.43	
		For Clear Anodized Finish, Add	82.02	
		For Color Anodized Finish, Add	114.83	
08 51 13 00-0093	EA	>18 To 24 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330).....	2,005.12	136.14
		For 50% Fluoropolymer Finish (Acrynar), Add	35.56	
		For 70% Fluoropolymer Finish (Duramar), Add	106.69	
		For Clear Anodized Finish, Add	88.91	
		For Color Anodized Finish, Add	124.47	
08 51 13 00-0094	EA	>24 To 40 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330).....	2,421.98	153.59
		For 50% Fluoropolymer Finish (Acrynar), Add	43.32	
		For 70% Fluoropolymer Finish (Duramar), Add	129.96	
		For Clear Anodized Finish, Add	108.30	
		For Color Anodized Finish, Add	151.62	
08 51 13 00-0095	EA	>40 To 60 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330).....	2,796.21	174.54
		For 50% Fluoropolymer Finish (Acrynar), Add	50.11	
		For 70% Fluoropolymer Finish (Duramar), Add	150.32	
		For Clear Anodized Finish, Add	125.27	
		For Color Anodized Finish, Add	175.37	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0096	SF		>60 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	48.73	4.19
			For 50% Fluoropolymer Finish (Acrynar), Add	0.83	
			For 70% Fluoropolymer Finish (Duranar), Add	2.50	
			For Clear Anodized Finish, Add	2.09	
			For Color Anodized Finish, Add	2.92	
08 51 13 00-0097			Fixed Aluminum Windows (08 51 13 00-0001)		
08 51 13 00-0098			2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280) (08 51 13 00-0097)		
08 51 13 00-0099	EA		Up To 6 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280).....	459.16	111.71
			For 50% Fluoropolymer Finish (Acrynar), Add	5.46	
			For 70% Fluoropolymer Finish (Duranar), Add	16.38	
			For Clear Anodized Finish, Add	13.65	
			For Color Anodized Finish, Add	19.11	
08 51 13 00-0100	EA		>6 To 10 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	521.83	118.68
			For 50% Fluoropolymer Finish (Acrynar), Add	6.48	
			For 70% Fluoropolymer Finish (Duranar), Add	19.44	
			For Clear Anodized Finish, Add	16.20	
			For Color Anodized Finish, Add	22.68	
08 51 13 00-0101	EA		>10 To 15 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	551.31	125.67
			For 50% Fluoropolymer Finish (Acrynar), Add	6.84	
			For 70% Fluoropolymer Finish (Duranar), Add	20.51	
			For Clear Anodized Finish, Add	17.09	
			For Color Anodized Finish, Add	23.93	
08 51 13 00-0102	EA		>15 To 20 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	580.81	132.66
			For 50% Fluoropolymer Finish (Acrynar), Add	7.19	
			For 70% Fluoropolymer Finish (Duranar), Add	21.58	
			For Clear Anodized Finish, Add	17.99	
			For Color Anodized Finish, Add	25.18	
08 51 13 00-0103	EA		>20 To 30 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	758.28	139.63
			For 50% Fluoropolymer Finish (Acrynar), Add	10.51	
			For 70% Fluoropolymer Finish (Duranar), Add	31.53	
			For Clear Anodized Finish, Add	26.28	
			For Color Anodized Finish, Add	36.79	
08 51 13 00-0104	SF		>30 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	24.52	4.19
			For 50% Fluoropolymer Finish (Acrynar), Add	0.35	
			For 70% Fluoropolymer Finish (Duranar), Add	1.05	
			For Clear Anodized Finish, Add	0.88	
			For Color Anodized Finish, Add	1.23	
08 51 13 00-0105			2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800) (08 51 13 00-0097)		
08 51 13 00-0106	EA		Up To 6 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	571.42	111.71
			For 50% Fluoropolymer Finish (Acrynar), Add	7.70	
			For 70% Fluoropolymer Finish (Duranar), Add	23.11	
			For Clear Anodized Finish, Add	19.26	
			For Color Anodized Finish, Add	26.97	
08 51 13 00-0107	EA		>6 To 10 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	651.94	118.68
			For 50% Fluoropolymer Finish (Acrynar), Add	9.08	
			For 70% Fluoropolymer Finish (Duranar), Add	27.25	
			For Clear Anodized Finish, Add	22.71	
			For Color Anodized Finish, Add	31.79	
08 51 13 00-0108	EA		>10 To 15 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	701.84	125.67
			For 50% Fluoropolymer Finish (Acrynar), Add	9.85	
			For 70% Fluoropolymer Finish (Duranar), Add	29.54	
			For Clear Anodized Finish, Add	24.62	
			For Color Anodized Finish, Add	34.47	
08 51 13 00-0109	EA		>15 To 20 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	754.30	132.66
			For 50% Fluoropolymer Finish (Acrynar), Add	10.66	
			For 70% Fluoropolymer Finish (Duranar), Add	31.99	
			For Clear Anodized Finish, Add	26.66	
			For Color Anodized Finish, Add	37.32	
08 51 13 00-0110	EA		>20 To 30 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	985.34	139.63
			For 50% Fluoropolymer Finish (Acrynar), Add	15.05	
			For 70% Fluoropolymer Finish (Duranar), Add	45.16	
			For Clear Anodized Finish, Add	37.63	
			For Color Anodized Finish, Add	52.68	
08 51 13 00-0111	SF		>30 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	32.07	4.19
			For 50% Fluoropolymer Finish (Acrynar), Add	0.50	
			For 70% Fluoropolymer Finish (Duranar), Add	1.50	
			For Clear Anodized Finish, Add	1.25	
			For Color Anodized Finish, Add	1.76	
08 51 13 00-0112			3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100) (08 51 13 00-0097)		
08 51 13 00-0113	EA		Up To 6 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100)	494.88	111.71
			For 50% Fluoropolymer Finish (Acrynar), Add	6.17	
			For 70% Fluoropolymer Finish (Duranar), Add	18.52	
			For Clear Anodized Finish, Add	15.44	
			For Color Anodized Finish, Add	21.61	
08 51 13 00-0114	EA		>6 To 10 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100)	575.40	118.68
			For 50% Fluoropolymer Finish (Acrynar), Add	7.55	
			For 70% Fluoropolymer Finish (Duranar), Add	22.65	
			For Clear Anodized Finish, Add	18.88	
			For Color Anodized Finish, Add	26.43	

08 Openings**08 50 Windows****08 51 Metal Windows**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 51 13 00-0115	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100)	620.20	125.67
		For 50% Fluoropolymer Finish (Acrynar), Add	8.22	
		For 70% Fluoropolymer Finish (Durandar), Add	24.65	
		For Clear Anodized Finish, Add	20.54	
		For Color Anodized Finish, Add	28.75	
08 51 13 00-0116	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100)	667.56	132.66
		For 50% Fluoropolymer Finish (Acrynar), Add	8.93	
		For 70% Fluoropolymer Finish (Durandar), Add	26.79	
		For Clear Anodized Finish, Add	22.32	
		For Color Anodized Finish, Add	31.25	
08 51 13 00-0117	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100)	885.84	139.63
		For 50% Fluoropolymer Finish (Acrynar), Add	13.06	
		For 70% Fluoropolymer Finish (Durandar), Add	39.19	
		For Clear Anodized Finish, Add	32.66	
		For Color Anodized Finish, Add	45.72	
08 51 13 00-0118	SF	>30 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100)	28.75	4.19
		For 50% Fluoropolymer Finish (Acrynar), Add	0.44	
		For 70% Fluoropolymer Finish (Durandar), Add	1.31	
		For Clear Anodized Finish, Add	1.09	
		For Color Anodized Finish, Add	1.52	
08 51 13 00-0119		4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500) (08 51 13 00-0097)		
08 51 13 00-0120	EA	Up To 6 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	492.33	111.71
		For 50% Fluoropolymer Finish (Acrynar), Add	6.12	
		For 70% Fluoropolymer Finish (Durandar), Add	18.37	
		For Clear Anodized Finish, Add	15.31	
		For Color Anodized Finish, Add	21.43	
08 51 13 00-0121	EA	>6 To 10 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	565.20	118.68
		For 50% Fluoropolymer Finish (Acrynar), Add	7.35	
		For 70% Fluoropolymer Finish (Durandar), Add	22.04	
		For Clear Anodized Finish, Add	18.37	
		For Color Anodized Finish, Add	25.72	
08 51 13 00-0122	EA	>10 To 15 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	609.99	125.67
		For 50% Fluoropolymer Finish (Acrynar), Add	8.01	
		For 70% Fluoropolymer Finish (Durandar), Add	24.03	
		For Clear Anodized Finish, Add	20.03	
		For Color Anodized Finish, Add	28.04	
08 51 13 00-0123	EA	>15 To 20 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	657.35	132.66
		For 50% Fluoropolymer Finish (Acrynar), Add	8.73	
		For 70% Fluoropolymer Finish (Durandar), Add	26.18	
		For Clear Anodized Finish, Add	21.81	
		For Color Anodized Finish, Add	30.54	
08 51 13 00-0124	EA	>20 To 30 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	875.64	139.63
		For 50% Fluoropolymer Finish (Acrynar), Add	12.86	
		For 70% Fluoropolymer Finish (Durandar), Add	38.57	
		For Clear Anodized Finish, Add	32.15	
		For Color Anodized Finish, Add	45.00	
08 51 13 00-0125	SF	>30 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	28.42	4.19
		For 50% Fluoropolymer Finish (Acrynar), Add	0.43	
		For 70% Fluoropolymer Finish (Durandar), Add	1.29	
		For Clear Anodized Finish, Add	1.07	
		For Color Anodized Finish, Add	1.50	
08 51 13 00-0126		Projected Aluminum Windows (08 51 13 00-0001)		
08 51 13 00-0127		Single Vent, Projected Aluminum Windows (08 51 13 00-0126)		
08 51 13 00-0128		2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250) (08 51 13 00-0127)		
08 51 13 00-0129	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	651.01	111.71
		For 50% Fluoropolymer Finish (Acrynar), Add	9.30	
		For 70% Fluoropolymer Finish (Durandar), Add	27.89	
		For Clear Anodized Finish, Add	23.24	
		For Color Anodized Finish, Add	32.54	
08 51 13 00-0130	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	705.26	118.68
		For 50% Fluoropolymer Finish (Acrynar), Add	10.15	
		For 70% Fluoropolymer Finish (Durandar), Add	30.45	
		For Clear Anodized Finish, Add	25.37	
		For Color Anodized Finish, Add	35.52	
08 51 13 00-0131	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	768.17	125.67
		For 50% Fluoropolymer Finish (Acrynar), Add	11.17	
		For 70% Fluoropolymer Finish (Durandar), Add	33.52	
		For Clear Anodized Finish, Add	27.94	
		For Color Anodized Finish, Add	39.11	
08 51 13 00-0132	SF	>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	44.24	4.19
		For 50% Fluoropolymer Finish (Acrynar), Add	0.75	
		For 70% Fluoropolymer Finish (Durandar), Add	2.24	
		For Clear Anodized Finish, Add	1.86	
		For Color Anodized Finish, Add	2.61	
08 51 13 00-0133		2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500) (08 51 13 00-0127)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0134	EA		Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500).....	876.57	111.71
			For 50% Fluoropolymer Finish (Acrynar), Add	13.81	
			For 70% Fluoropolymer Finish (Duranar), Add	41.42	
			For Clear Anodized Finish, Add	34.52	
			For Color Anodized Finish, Add	48.33	
08 51 13 00-0135	EA		>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500).....	968.06	118.68
			For 50% Fluoropolymer Finish (Acrynar), Add	15.40	
			For 70% Fluoropolymer Finish (Duranar), Add	46.21	
			For Clear Anodized Finish, Add	38.51	
			For Color Anodized Finish, Add	53.92	
08 51 13 00-0136	EA		>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500).....	1,074.32	125.67
			For 50% Fluoropolymer Finish (Acrynar), Add	17.30	
			For 70% Fluoropolymer Finish (Duranar), Add	51.89	
			For Clear Anodized Finish, Add	43.24	
			For Color Anodized Finish, Add	60.54	
08 51 13 00-0137	SF		>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500).....	64.65	4.19
			For 50% Fluoropolymer Finish (Acrynar), Add	1.15	
			For 70% Fluoropolymer Finish (Duranar), Add	3.46	
			For Clear Anodized Finish, Add	2.88	
			For Color Anodized Finish, Add	4.04	
08 51 13 00-0138			3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500) (08 51 13 00-0127)		
08 51 13 00-0139	EA		Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500).....	961.17	111.71
			For 50% Fluoropolymer Finish (Acrynar), Add	15.50	
			For 70% Fluoropolymer Finish (Duranar), Add	46.50	
			For Clear Anodized Finish, Add	38.75	
			For Color Anodized Finish, Add	54.25	
08 51 13 00-0140	EA		>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500).....	1,066.59	118.68
			For 50% Fluoropolymer Finish (Acrynar), Add	17.38	
			For 70% Fluoropolymer Finish (Duranar), Add	52.13	
			For Clear Anodized Finish, Add	43.44	
			For Color Anodized Finish, Add	60.81	
08 51 13 00-0141	EA		>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500).....	1,189.12	125.67
			For 50% Fluoropolymer Finish (Acrynar), Add	19.59	
			For 70% Fluoropolymer Finish (Duranar), Add	58.78	
			For Clear Anodized Finish, Add	48.98	
			For Color Anodized Finish, Add	68.58	
08 51 13 00-0142	SF		>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500).....	72.30	4.19
			For 50% Fluoropolymer Finish (Acrynar), Add	1.31	
			For 70% Fluoropolymer Finish (Duranar), Add	3.92	
			For Clear Anodized Finish, Add	3.27	
			For Color Anodized Finish, Add	4.57	
08 51 13 00-0143			3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3600) (08 51 13 00-0127)		
08 51 13 00-0144	EA		Up To 6 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3600).....	1,019.44	111.71
			For 50% Fluoropolymer Finish (Acrynar), Add	16.67	
			For 70% Fluoropolymer Finish (Duranar), Add	50.00	
			For Clear Anodized Finish, Add	41.66	
			For Color Anodized Finish, Add	58.33	
08 51 13 00-0145	EA		>6 To 10 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600).....	1,134.48	118.68
			For 50% Fluoropolymer Finish (Acrynar), Add	18.73	
			For 70% Fluoropolymer Finish (Duranar), Add	56.20	
			For Clear Anodized Finish, Add	46.83	
			For Color Anodized Finish, Add	65.57	
08 51 13 00-0146	EA		>10 To 15 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600).....	1,268.21	125.67
			For 50% Fluoropolymer Finish (Acrynar), Add	21.18	
			For 70% Fluoropolymer Finish (Duranar), Add	63.53	
			For Clear Anodized Finish, Add	52.94	
			For Color Anodized Finish, Add	74.11	
08 51 13 00-0147	SF		>15 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600).....	77.58	4.19
			For 50% Fluoropolymer Finish (Acrynar), Add	1.41	
			For 70% Fluoropolymer Finish (Duranar), Add	4.24	
			For Clear Anodized Finish, Add	3.53	
			For Color Anodized Finish, Add	4.94	
08 51 13 00-0148			4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750) (08 51 13 00-0127)		
08 51 13 00-0149	EA		Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750).....	1,011.91	111.71
			For 50% Fluoropolymer Finish (Acrynar), Add	16.51	
			For 70% Fluoropolymer Finish (Duranar), Add	49.54	
			For Clear Anodized Finish, Add	41.29	
			For Color Anodized Finish, Add	57.80	

08 Openings**08 50 Windows****08 51 Metal Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 51 13 00-0150	EA >6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750).....	1,125.73	118.68
	For 50% Fluoropolymer Finish (Acrynar), Add	18.56	
	For 70% Fluoropolymer Finish (Durandar), Add	55.67	
	For Clear Anodized Finish, Add	46.40	
	For Color Anodized Finish, Add	64.95	
08 51 13 00-0151	EA >10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750).....	1,258.01	125.67
	For 50% Fluoropolymer Finish (Acrynar), Add	20.97	
	For 70% Fluoropolymer Finish (Durandar), Add	62.91	
	For Clear Anodized Finish, Add	52.43	
	For Color Anodized Finish, Add	73.40	
08 51 13 00-0152	SF >15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750).....	76.89	4.19
	For 50% Fluoropolymer Finish (Acrynar), Add	1.40	
	For 70% Fluoropolymer Finish (Durandar), Add	4.19	
	For Clear Anodized Finish, Add	3.50	
	For Color Anodized Finish, Add	4.89	
08 51 13 00-0153	Fixed Over Vent, Projected Aluminum Windows (08 51 13 00-0126)		
08 51 13 00-0154	2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250) (08 51 13 00-0153)		
08 51 13 00-0155	EA Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250)	897.26	111.71
	For 50% Fluoropolymer Finish (Acrynar), Add	14.22	
	For 70% Fluoropolymer Finish (Durandar), Add	42.66	
	For Clear Anodized Finish, Add	35.55	
	For Color Anodized Finish, Add	49.78	
08 51 13 00-0156	EA >6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250)	992.15	118.68
	For 50% Fluoropolymer Finish (Acrynar), Add	15.89	
	For 70% Fluoropolymer Finish (Durandar), Add	47.66	
	For Clear Anodized Finish, Add	39.72	
	For Color Anodized Finish, Add	55.60	
08 51 13 00-0157	EA >10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250)	1,102.38	125.67
	For 50% Fluoropolymer Finish (Acrynar), Add	17.86	
	For 70% Fluoropolymer Finish (Durandar), Add	53.58	
	For Clear Anodized Finish, Add	44.65	
	For Color Anodized Finish, Add	62.51	
08 51 13 00-0158	SF >15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250).....	66.43	4.19
	For 50% Fluoropolymer Finish (Acrynar), Add	1.19	
	For 70% Fluoropolymer Finish (Durandar), Add	3.57	
	For Clear Anodized Finish, Add	2.97	
	For Color Anodized Finish, Add	4.16	
08 51 13 00-0159	2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500) (08 51 13 00-0153)		
08 51 13 00-0160	EA Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500)	1,254.41	111.71
	For 50% Fluoropolymer Finish (Acrynar), Add	21.36	
	For 70% Fluoropolymer Finish (Durandar), Add	64.09	
	For Clear Anodized Finish, Add	53.41	
	For Color Anodized Finish, Add	74.78	
08 51 13 00-0161	EA >6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500)	1,408.23	118.68
	For 50% Fluoropolymer Finish (Acrynar), Add	24.21	
	For 70% Fluoropolymer Finish (Durandar), Add	72.62	
	For Clear Anodized Finish, Add	60.52	
	For Color Anodized Finish, Add	84.73	
08 51 13 00-0162	EA >10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500)	1,587.11	125.67
	For 50% Fluoropolymer Finish (Acrynar), Add	27.55	
	For 70% Fluoropolymer Finish (Durandar), Add	82.66	
	For Clear Anodized Finish, Add	68.88	
	For Color Anodized Finish, Add	96.44	
08 51 13 00-0163	SF >15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500).....	98.83	4.19
	For 50% Fluoropolymer Finish (Acrynar), Add	1.84	
	For 70% Fluoropolymer Finish (Durandar), Add	5.51	
	For Clear Anodized Finish, Add	4.59	
	For Color Anodized Finish, Add	6.43	
08 51 13 00-0164	3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500) (08 51 13 00-0153)		
08 51 13 00-0165	EA Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	1,329.59	111.71
	For 50% Fluoropolymer Finish (Acrynar), Add	22.87	
	For 70% Fluoropolymer Finish (Durandar), Add	68.60	
	For Clear Anodized Finish, Add	57.17	
	For Color Anodized Finish, Add	80.04	
08 51 13 00-0166	EA >6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	1,495.81	118.68
	For 50% Fluoropolymer Finish (Acrynar), Add	25.96	
	For 70% Fluoropolymer Finish (Durandar), Add	77.88	
	For Clear Anodized Finish, Add	64.90	
	For Color Anodized Finish, Add	90.86	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0167	EA		>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	1,689.16	125.67
			For 50% Fluoropolymer Finish (Acrynar), Add	29.59	
			For 70% Fluoropolymer Finish (Duranar), Add	88.78	
			For Clear Anodized Finish, Add	73.99	
			For Color Anodized Finish, Add	103.58	
08 51 13 00-0168	SF		>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	105.47	4.19
			For 50% Fluoropolymer Finish (Acrynar), Add	1.97	
			For 70% Fluoropolymer Finish (Duranar), Add	5.91	
			For Clear Anodized Finish, Add	4.92	
			For Color Anodized Finish, Add	6.89	
08 51 13 00-0169 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600) (08 51 13 00-0153)					
08 51 13 00-0170	EA		Up To 6 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	1,322.09	111.71
			For 50% Fluoropolymer Finish (Acrynar), Add	22.72	
			For 70% Fluoropolymer Finish (Duranar), Add	68.15	
			For Clear Anodized Finish, Add	56.80	
			For Color Anodized Finish, Add	79.51	
08 51 13 00-0171	EA		>6 To 10 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	1,487.06	118.68
			For 50% Fluoropolymer Finish (Acrynar), Add	25.78	
			For 70% Fluoropolymer Finish (Duranar), Add	77.35	
			For Clear Anodized Finish, Add	64.46	
			For Color Anodized Finish, Add	90.25	
08 51 13 00-0172	EA		>10 To 15 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	1,678.96	125.67
			For 50% Fluoropolymer Finish (Acrynar), Add	29.39	
			For 70% Fluoropolymer Finish (Duranar), Add	88.17	
			For Clear Anodized Finish, Add	73.48	
			For Color Anodized Finish, Add	102.87	
08 51 13 00-0173	SF		>15 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	104.96	4.19
			For 50% Fluoropolymer Finish (Acrynar), Add	1.96	
			For 70% Fluoropolymer Finish (Duranar), Add	5.88	
			For Clear Anodized Finish, Add	4.90	
			For Color Anodized Finish, Add	6.86	
08 51 13 00-0174 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750) (08 51 13 00-0153)					
08 51 13 00-0175	EA		Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	1,438.63	111.71
			For 50% Fluoropolymer Finish (Acrynar), Add	25.05	
			For 70% Fluoropolymer Finish (Duranar), Add	75.15	
			For Clear Anodized Finish, Add	62.62	
			For Color Anodized Finish, Add	87.67	
08 51 13 00-0176	EA		>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	1,622.84	118.68
			For 50% Fluoropolymer Finish (Acrynar), Add	28.50	
			For 70% Fluoropolymer Finish (Duranar), Add	85.50	
			For Clear Anodized Finish, Add	71.25	
			For Color Anodized Finish, Add	99.75	
08 51 13 00-0177	EA		>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	1,837.13	125.67
			For 50% Fluoropolymer Finish (Acrynar), Add	32.55	
			For 70% Fluoropolymer Finish (Duranar), Add	97.66	
			For Clear Anodized Finish, Add	81.38	
			For Color Anodized Finish, Add	113.94	
08 51 13 00-0178	SF		>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	115.42	4.19
			For 50% Fluoropolymer Finish (Acrynar), Add	2.17	
			For 70% Fluoropolymer Finish (Duranar), Add	6.51	
			For Clear Anodized Finish, Add	5.42	
			For Color Anodized Finish, Add	7.59	
08 51 13 00-0179 Casement Aluminum Windows (08 51 13 00-0001)					
08 51 13 00-0180 Single Vent, Casement Aluminum Windows (08 51 13 00-0179)					
08 51 13 00-0181 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220) (08 51 13 00-0180)					
08 51 13 00-0182	EA		Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	743.11	111.71
			For 50% Fluoropolymer Finish (Acrynar), Add	11.14	
			For 70% Fluoropolymer Finish (Duranar), Add	33.42	
			For Clear Anodized Finish, Add	27.85	
			For Color Anodized Finish, Add	38.99	
08 51 13 00-0183	EA		>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	812.56	118.68
			For 50% Fluoropolymer Finish (Acrynar), Add	12.29	
			For 70% Fluoropolymer Finish (Duranar), Add	36.88	
			For Clear Anodized Finish, Add	30.74	
			For Color Anodized Finish, Add	43.03	

08 Openings**08 50 Windows****08 51 Metal Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 51 13 00-0184	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	893.18	125.67
		For 50% Fluoropolymer Finish (Acrynar), Add	13.67	
		For 70% Fluoropolymer Finish (Durandar), Add	41.02	
		For Clear Anodized Finish, Add	34.19	
		For Color Anodized Finish, Add	47.86	
08 51 13 00-0185	SF	>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	52.58	4.19
		For 50% Fluoropolymer Finish (Acrynar), Add	0.91	
		For 70% Fluoropolymer Finish (Durandar), Add	2.74	
		For Clear Anodized Finish, Add	2.28	
		For Color Anodized Finish, Add	3.19	
08 51 13 00-0186 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200) (08 51 13 00-0180)				
08 51 13 00-0187	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	1,085.23	111.71
		For 50% Fluoropolymer Finish (Acrynar), Add	17.98	
		For 70% Fluoropolymer Finish (Durandar), Add	53.94	
		For Clear Anodized Finish, Add	44.95	
		For Color Anodized Finish, Add	62.93	
08 51 13 00-0188	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	1,211.12	118.68
		For 50% Fluoropolymer Finish (Acrynar), Add	20.27	
		For 70% Fluoropolymer Finish (Durandar), Add	60.80	
		For Clear Anodized Finish, Add	50.67	
		For Color Anodized Finish, Add	70.93	
08 51 13 00-0189	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	1,357.50	125.67
		For 50% Fluoropolymer Finish (Acrynar), Add	22.96	
		For 70% Fluoropolymer Finish (Durandar), Add	68.88	
		For Clear Anodized Finish, Add	57.40	
		For Color Anodized Finish, Add	80.36	
08 51 13 00-0190	SF	>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	83.53	4.19
		For 50% Fluoropolymer Finish (Acrynar), Add	1.53	
		For 70% Fluoropolymer Finish (Durandar), Add	4.59	
		For Clear Anodized Finish, Add	3.83	
		For Color Anodized Finish, Add	5.36	
08 51 13 00-0191 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200) (08 51 13 00-0180)				
08 51 13 00-0192	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	1,090.87	111.71
		For 50% Fluoropolymer Finish (Acrynar), Add	18.09	
		For 70% Fluoropolymer Finish (Durandar), Add	54.28	
		For Clear Anodized Finish, Add	45.23	
		For Color Anodized Finish, Add	63.33	
08 51 13 00-0193	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	1,217.70	118.68
		For 50% Fluoropolymer Finish (Acrynar), Add	20.40	
		For 70% Fluoropolymer Finish (Durandar), Add	61.19	
		For Clear Anodized Finish, Add	50.99	
		For Color Anodized Finish, Add	71.39	
08 51 13 00-0194	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	1,365.16	125.67
		For 50% Fluoropolymer Finish (Acrynar), Add	23.11	
		For 70% Fluoropolymer Finish (Durandar), Add	69.34	
		For Clear Anodized Finish, Add	57.79	
		For Color Anodized Finish, Add	80.90	
08 51 13 00-0195	SF	>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	84.04	4.19
		For 50% Fluoropolymer Finish (Acrynar), Add	1.54	
		For 70% Fluoropolymer Finish (Durandar), Add	4.62	
		For Clear Anodized Finish, Add	3.85	
		For Color Anodized Finish, Add	5.39	
08 51 13 00-0196 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720) (08 51 13 00-0180)				
08 51 13 00-0197	EA	Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	1,149.14	111.71
		For 50% Fluoropolymer Finish (Acrynar), Add	19.26	
		For 70% Fluoropolymer Finish (Durandar), Add	57.78	
		For Clear Anodized Finish, Add	48.15	
		For Color Anodized Finish, Add	67.41	
08 51 13 00-0198	EA	>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	1,285.59	118.68
		For 50% Fluoropolymer Finish (Acrynar), Add	21.76	
		For 70% Fluoropolymer Finish (Durandar), Add	65.27	
		For Clear Anodized Finish, Add	54.39	
		For Color Anodized Finish, Add	76.14	
08 51 13 00-0199	EA	>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	1,444.25	125.67
		For 50% Fluoropolymer Finish (Acrynar), Add	24.70	
		For 70% Fluoropolymer Finish (Durandar), Add	74.09	
		For Clear Anodized Finish, Add	61.74	
		For Color Anodized Finish, Add	86.44	
08 51 13 00-0200	SF	>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	89.32	4.19
		For 50% Fluoropolymer Finish (Acrynar), Add	1.65	
		For 70% Fluoropolymer Finish (Durandar), Add	4.94	
		For Clear Anodized Finish, Add	4.12	
		For Color Anodized Finish, Add	5.76	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 51 13 00-0201			Fixed Over Vent, Casement Aluminum Windows <small>(08 51 13 00-0179)</small>		
08 51 13 00-0202			2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220) <small>(08 51 13 00-0201)</small>		
08 51 13 00-0203	EA		Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)	846.50	111.71
			For 50% Fluoropolymer Finish (Acrynar), Add	13.21	
			For 70% Fluoropolymer Finish (Duranar), Add	39.62	
			For Clear Anodized Finish, Add	33.02	
			For Color Anodized Finish, Add	46.22	
08 51 13 00-0204	EA		>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)	933.01	118.68
			For 50% Fluoropolymer Finish (Acrynar), Add	14.70	
			For 70% Fluoropolymer Finish (Duranar), Add	44.11	
			For Clear Anodized Finish, Add	36.76	
			For Color Anodized Finish, Add	51.46	
08 51 13 00-0205	EA		>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)	1,033.50	125.67
			For 50% Fluoropolymer Finish (Acrynar), Add	16.48	
			For 70% Fluoropolymer Finish (Duranar), Add	49.44	
			For Clear Anodized Finish, Add	41.20	
			For Color Anodized Finish, Add	57.68	
08 51 13 00-0206	SF		>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220).....	61.92	4.19
			For 50% Fluoropolymer Finish (Acrynar), Add	1.10	
			For 70% Fluoropolymer Finish (Duranar), Add	3.30	
			For Clear Anodized Finish, Add	2.75	
			For Color Anodized Finish, Add	3.85	
08 51 13 00-0207			2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200) <small>(08 51 13 00-0201)</small>		
08 51 13 00-0208	EA		Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	1,188.61	111.71
			For 50% Fluoropolymer Finish (Acrynar), Add	20.05	
			For 70% Fluoropolymer Finish (Duranar), Add	60.15	
			For Clear Anodized Finish, Add	50.12	
			For Color Anodized Finish, Add	70.17	
08 51 13 00-0209	EA		>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	1,331.56	118.68
			For 50% Fluoropolymer Finish (Acrynar), Add	22.67	
			For 70% Fluoropolymer Finish (Duranar), Add	68.02	
			For Clear Anodized Finish, Add	56.69	
			For Color Anodized Finish, Add	79.36	
08 51 13 00-0210	EA		>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	1,497.82	125.67
			For 50% Fluoropolymer Finish (Acrynar), Add	25.77	
			For 70% Fluoropolymer Finish (Duranar), Add	77.30	
			For Clear Anodized Finish, Add	64.42	
			For Color Anodized Finish, Add	90.19	
08 51 13 00-0211	SF		>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	92.89	4.19
			For 50% Fluoropolymer Finish (Acrynar), Add	1.72	
			For 70% Fluoropolymer Finish (Duranar), Add	5.15	
			For Clear Anodized Finish, Add	4.30	
			For Color Anodized Finish, Add	6.01	
08 51 13 00-0212			3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200) <small>(08 51 13 00-0201)</small>		
08 51 13 00-0213	EA		Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	1,314.56	111.71
			For 50% Fluoropolymer Finish (Acrynar), Add	22.57	
			For 70% Fluoropolymer Finish (Duranar), Add	67.70	
			For Clear Anodized Finish, Add	56.42	
			For Color Anodized Finish, Add	78.99	
08 51 13 00-0214	EA		>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	1,478.31	118.68
			For 50% Fluoropolymer Finish (Acrynar), Add	25.61	
			For 70% Fluoropolymer Finish (Duranar), Add	76.83	
			For Clear Anodized Finish, Add	64.02	
			For Color Anodized Finish, Add	89.63	
08 51 13 00-0215	EA		>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	1,668.75	125.67
			For 50% Fluoropolymer Finish (Acrynar), Add	29.19	
			For 70% Fluoropolymer Finish (Duranar), Add	87.56	
			For Clear Anodized Finish, Add	72.97	
			For Color Anodized Finish, Add	102.15	
08 51 13 00-0216	SF		>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	104.27	4.19
			For 50% Fluoropolymer Finish (Acrynar), Add	1.95	
			For 70% Fluoropolymer Finish (Duranar), Add	5.84	
			For Clear Anodized Finish, Add	4.86	
			For Color Anodized Finish, Add	6.81	
08 51 13 00-0217			4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720) <small>(08 51 13 00-0201)</small>		

08 Openings**08 50 Windows****08 51 Metal Windows**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 51 13 00-0218	EA	Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	1,429.22	111.71
		For 50% Fluoropolymer Finish (Acrynar), Add	24.86	
		For 70% Fluoropolymer Finish (Duramar), Add	74.58	
		For Clear Anodized Finish, Add	62.15	
		For Color Anodized Finish, Add	87.01	
08 51 13 00-0219	EA	>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	1,611.89	118.68
		For 50% Fluoropolymer Finish (Acrynar), Add	28.28	
		For 70% Fluoropolymer Finish (Duramar), Add	84.84	
		For Clear Anodized Finish, Add	70.70	
		For Color Anodized Finish, Add	98.98	
08 51 13 00-0220	EA	>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	1,824.38	125.67
		For 50% Fluoropolymer Finish (Acrynar), Add	32.30	
		For 70% Fluoropolymer Finish (Duramar), Add	96.90	
		For Clear Anodized Finish, Add	80.75	
		For Color Anodized Finish, Add	113.05	
08 51 13 00-0221	SF	>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	114.65	4.19
		For 50% Fluoropolymer Finish (Acrynar), Add	2.15	
		For 70% Fluoropolymer Finish (Duramar), Add	6.46	
		For Clear Anodized Finish, Add	5.38	
		For Color Anodized Finish, Add	7.54	
08 51 13 00-0222 Aluminum Window Accessories (08 51 13)				
08 51 13 00-0223 Aluminum Window Mullions (08 51 13 00-0222)				
08 51 13 00-0224	LF	Integral Mullions For Aluminum Windows	25.93	5.23
		For 50% Fluoropolymer Finish (Acrynar), Add	0.32	
		For 70% Fluoropolymer Finish (Duramar), Add	0.97	
		For Clear Anodized Finish, Add	0.81	
		For Color Anodized Finish, Add	1.14	
08 51 13 00-0225 Aluminum Window Panning (08 51 13 00-0222)				
Note: Panning price is determined by window size. For windows greater than 30 square feet multiply window square footage by square foot price.				
08 51 13 00-0226	EA	Up To 6 SF Window, Aluminum Window Panning	263.61	42.66
		For 50% Fluoropolymer Finish (Acrynar), Add	3.85	
		For 70% Fluoropolymer Finish (Duramar), Add	11.55	
		For Clear Anodized Finish, Add	9.63	
		For Color Anodized Finish, Add	13.48	
08 51 13 00-0227	EA	>6 To 10 SF Window, Aluminum Window Panning	366.68	71.11
		For 50% Fluoropolymer Finish (Acrynar), Add	4.96	
		For 70% Fluoropolymer Finish (Duramar), Add	14.89	
		For Clear Anodized Finish, Add	12.41	
		For Color Anodized Finish, Add	17.37	
08 51 13 00-0228	EA	>10 To 15 SF Window, Aluminum Window Panning	449.14	106.67
		For 50% Fluoropolymer Finish (Acrynar), Add	5.43	
		For 70% Fluoropolymer Finish (Duramar), Add	16.28	
		For Clear Anodized Finish, Add	13.57	
		For Color Anodized Finish, Add	19.00	
08 51 13 00-0229	EA	>15 To 20 SF Window, Aluminum Window Panning	536.23	142.22
		For 50% Fluoropolymer Finish (Acrynar), Add	5.98	
		For 70% Fluoropolymer Finish (Duramar), Add	17.95	
		For Clear Anodized Finish, Add	14.96	
		For Color Anodized Finish, Add	20.94	
08 51 13 00-0230	EA	>20 To 30 SF Window, Aluminum Window Panning	708.08	213.33
		For 50% Fluoropolymer Finish (Acrynar), Add	7.05	
		For 70% Fluoropolymer Finish (Duramar), Add	21.15	
		For Clear Anodized Finish, Add	17.63	
		For Color Anodized Finish, Add	24.68	
08 51 13 00-0231	SF	>30 SF Window, Aluminum Window Panning	25.84	8.89
		For 50% Fluoropolymer Finish (Acrynar), Add	0.22	
		For 70% Fluoropolymer Finish (Duramar), Add	0.66	
		For Clear Anodized Finish, Add	0.55	
		For Color Anodized Finish, Add	0.77	
08 51 13 00-0232 Aluminum Window Muntins, Grilles Or Dividers (08 51 13 00-0222)				
08 51 13 00-0233	SF	Applied (Per Side) Muntins Grilles Or Dividers For Aluminum Windows	8.03	5.23
		For 50% Fluoropolymer Finish (Acrynar), Add	0.02	
		For 70% Fluoropolymer Finish (Duramar), Add	0.06	
		For Clear Anodized Finish, Add	0.05	
		For Color Anodized Finish, Add	0.07	
08 51 13 00-0234	SF	Internal Only (Between Glass) Muntins, Grilles Or Dividers For Aluminum Windows	11.05	5.23
		For 50% Fluoropolymer Finish (Acrynar), Add	0.08	
		For 70% Fluoropolymer Finish (Duramar), Add	0.24	
		For Clear Anodized Finish, Add	0.20	
		For Color Anodized Finish, Add	0.28	
08 51 13 00-0235	SF	Simulated Divided Lite Muntins Grilles Or Dividers For Aluminum Windows	23.26	5.23
		For 50% Fluoropolymer Finish (Acrynar), Add	0.12	
		For 70% Fluoropolymer Finish (Duramar), Add	0.35	
		For Clear Anodized Finish, Add	0.29	
		For Color Anodized Finish, Add	0.41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 51 13 00-0236	SF		True Divided Lite Muntins Grilles Or Dividers For Aluminum Windows	27.90	5.23
			For 50% Fluoropolymer Finish (Acrynar), Add	0.16	
			For 70% Fluoropolymer Finish (Duramar), Add	0.49	
			For Clear Anodized Finish, Add	0.41	
			For Color Anodized Finish, Add	0.57	

08 51 13 00-0237 Other Aluminum Window Accessories (08 51 13 00-0222)

08 51 13 00-0238	EA		Roto Operator For Casement Aluminum Windows	206.48	23.26
08 51 13 00-0239	EA		Head And Sill Automatic Locks For Hung Aluminum Windows.....	104.44	23.26

08 51 19 Stainless-Steel Windows (08 51)

See CSI section 08 80 00 00-0000 for glazing.

08 51 19 00-0001 Stainless Steel Windows Types (08 51 19)

08 51 19 00-0002 Industrial (08 51 19 00-0001)

08 51 19 00-0003	SF		Stainless Steel Window With Horizontal Pivot Sash	88.46	6.99
08 51 19 00-0004	SF		Stainless Steel Window, Fixed Sash	66.78	6.99

08 51 19 00-0005 Projected Sash (08 51 19 00-0001)

08 51 19 00-0006	SF		Commercial Projected Sash Window - 40% Vented Stainless Steel	92.51	6.99
08 51 19 00-0007	SF		Intermediate Projected Sash Window - 40% Vented Stainless Steel.....	102.10	6.99

08 51 19 00-0008 Other Type Sash (08 51 19 00-0001)

08 51 19 00-0009	SF		Double Hung Stainless Steel Window Sash	111.66	6.99
08 51 19 00-0010	SF		Single Hung Stainless Steel Window Sash.....	79.09	6.99
08 51 19 00-0011	SF		Stainless Steel Picture Window Sash	66.14	6.99
08 51 19 00-0012	SF		Sliding Stainless Steel Window.....	115.17	6.99

08 51 19 00-0013 Casements (08 51 19 00-0001)

08 51 19 00-0014	SF		Stainless Steel Window Casements, 100% Vented Operable, Factory Primed.....	100.11	6.99
08 51 19 00-0015	SF		Stainless Steel Window Casements, 50% Vented Operable, Factory Primed	86.63	6.99
08 51 19 00-0016	SF		Stainless Steel Window Casements, Fixed Sash, Factory Primed	61.20	6.99

08 51 23 Steel Windows (08 51)

Note: All sashes are factory primed. See CSI section 08 80 00 00-0000 for glazing.

08 51 23 00-0001 Steel Windows (08 51 23)

08 51 23 00-0002 Industrial (08 51 23 00-0001)

08 51 23 00-0003	SF		Industrial Steel Window With Horizontal Pivot Sash	54.57	6.99
08 51 23 00-0004	SF		Industrial Steel Window, With Fixed Sash	49.37	6.99
08 51 23 00-0005	SF		Industrial Steel Window, With Operable Security Sash	75.92	6.99
08 51 23 00-0006	SF		Industrial Steel Window, With Fixed Security Sash	65.51	6.99

08 51 23 00-0007 Projected Sash (08 51 23 00-0001)

08 51 23 00-0008	SF		Commercial Projected Sash Window - 40% Vented Steel.....	60.01	6.99
08 51 23 00-0009	SF		Intermediate Projected Sash Window - 40% Vented Steel	65.73	6.99

08 51 23 00-0010 Other Type Sash (08 51 23 00-0001)

08 51 23 00-0011	SF		Double Hung Steel Window Sash.....	75.84	6.99
08 51 23 00-0012	SF		Steel Picture Window Sash	35.08	6.99
08 51 23 00-0013	SF		Fire Rated Double Hung Steel Window Sash	78.10	8.73
08 51 23 00-0014	SF		Single Hung Steel Window Sash	54.94	6.99

08 51 23 00-0015 Casements (08 51 23 00-0001)

08 51 23 00-0016	SF		Steel Window Casements, 100% Vented Operable, Factory Primed	68.45	3.49
08 51 23 00-0017	SF		Steel Window Casements, 50% Vented Operable, Factory Primed	59.79	3.49
08 51 23 00-0018	SF		Steel Window Casements, Fixed Sash, Factory Primed.....	43.46	5.23

08 51 23 00-0019 Mullions (08 51 23 00-0001)

08 51 23 00-0020	LF		Open Faced Steel Mullion	26.84	5.23
08 51 23 00-0021	LF		Covered Steel Mullions.....	43.20	5.23

08 51 23 00-0022 Removal And Reinstallation Of Metal Window And Frame (08 51 23)

Note: Steel or aluminum frame. Includes storage, cleaning and supply materials, caulk and sealants.

08 51 23 00-0023	SF		Removal And Reinstallation Of Metal Window And Frame.....	17.94	
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08 52 Wood Windows (08 50)

08 52 11 Wood Windows (08 52)

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0001			Sash-Only Replacement Kits For Double Hung Wood Windows <small>(08 52 11)</small> Note: Includes demo of the existing sashes and jamb liners. Includes two sashes, jamb liners, insulated glass and all hardware needed for installation. Includes primed pine wood interior and exterior. Excludes window frame, trim, insect screens and grilles.		
08 52 11 00-0002			30" Height, Sash-Only Replacement Kits For Double Hung Wood Windows <small>(08 52 11 00-0001)</small>		
08 52 11 00-0003	EA		20" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	366.65	
			For Low-E Insulated Glass, Add	31.72	
			For Aluminum Clad Exterior, Add	33.98	
08 52 11 00-0004	EA		24" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	389.46	
			For Low-E Insulated Glass, Add	34.00	
			For Aluminum Clad Exterior, Add	36.43	
08 52 11 00-0005	EA		28" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	413.90	
			For Low-E Insulated Glass, Add	36.51	
			For Aluminum Clad Exterior, Add	39.12	
08 52 11 00-0006	EA		30" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	426.94	
			For Low-E Insulated Glass, Add	37.88	
			For Aluminum Clad Exterior, Add	40.58	
08 52 11 00-0007	EA		32" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	438.34	
			For Low-E Insulated Glass, Add	39.02	
			For Aluminum Clad Exterior, Add	41.81	
08 52 11 00-0008	EA		34" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	453.02	
			For Low-E Insulated Glass, Add	40.62	
			For Aluminum Clad Exterior, Add	43.52	
08 52 11 00-0009	EA		36" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	459.59	
			For Low-E Insulated Glass, Add	41.08	
			For Aluminum Clad Exterior, Add	44.01	
08 52 11 00-0010	EA		40" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	488.87	
			For Low-E Insulated Glass, Add	44.27	
			For Aluminum Clad Exterior, Add	47.43	
08 52 11 00-0011	EA		44" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	513.30	
			For Low-E Insulated Glass, Add	46.78	
			For Aluminum Clad Exterior, Add	50.12	
08 52 11 00-0012			34" Height, Sash-Only Replacement Kits For Double Hung Wood Windows <small>(08 52 11 00-0001)</small>		
08 52 11 00-0013	EA		20" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	389.46	
			For Low-E Insulated Glass, Add	34.00	
			For Aluminum Clad Exterior, Add	36.43	
08 52 11 00-0014	EA		24" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	413.90	
			For Low-E Insulated Glass, Add	36.51	
			For Aluminum Clad Exterior, Add	39.12	
08 52 11 00-0015	EA		28" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	435.09	
			For Low-E Insulated Glass, Add	39.02	
			For Aluminum Clad Exterior, Add	41.81	
08 52 11 00-0016	EA		30" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	453.02	
			For Low-E Insulated Glass, Add	40.62	
			For Aluminum Clad Exterior, Add	43.52	
08 52 11 00-0017	EA		32" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	464.43	
			For Low-E Insulated Glass, Add	41.76	
			For Aluminum Clad Exterior, Add	44.74	
08 52 11 00-0018	EA		34" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	477.46	
			For Low-E Insulated Glass, Add	43.13	
			For Aluminum Clad Exterior, Add	46.21	
08 52 11 00-0019	EA		36" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	488.87	
			For Low-E Insulated Glass, Add	44.27	
			For Aluminum Clad Exterior, Add	47.43	
08 52 11 00-0020	EA		40" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	513.30	
			For Low-E Insulated Glass, Add	46.78	
			For Aluminum Clad Exterior, Add	50.12	
08 52 11 00-0021	EA		44" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	537.76	
			For Low-E Insulated Glass, Add	49.29	
			For Aluminum Clad Exterior, Add	52.81	
08 52 11 00-0022			36" Height, Sash-Only Replacement Kits For Double Hung Wood Windows <small>(08 52 11 00-0001)</small>		
08 52 11 00-0023	EA		20" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....	400.87	
			For Low-E Insulated Glass, Add	35.37	
			For Aluminum Clad Exterior, Add	37.89	
08 52 11 00-0024	EA		24" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....	425.31	
			For Low-E Insulated Glass, Add	37.88	
			For Aluminum Clad Exterior, Add	40.58	
08 52 11 00-0025	EA		28" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....	451.39	
			For Low-E Insulated Glass, Add	40.62	
			For Aluminum Clad Exterior, Add	43.52	
08 52 11 00-0026	EA		30" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....	462.80	
			For Low-E Insulated Glass, Add	41.76	
			For Aluminum Clad Exterior, Add	44.74	
08 52 11 00-0027	EA		32" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....	475.83	
			For Low-E Insulated Glass, Add	43.13	
			For Aluminum Clad Exterior, Add	46.21	
08 52 11 00-0028	EA		34" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....	487.24	
			For Low-E Insulated Glass, Add	44.27	
			For Aluminum Clad Exterior, Add	47.43	
08 52 11 00-0029	EA		36" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....	500.28	
			For Low-E Insulated Glass, Add	45.64	
			For Aluminum Clad Exterior, Add	48.90	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0030	EA		40" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	523.08	
			<i>For Low-E Insulated Glass, Add</i>	47.92	
			<i>For Aluminum Clad Exterior, Add</i>	51.34	
08 52 11 00-0031	EA		44" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	547.53	
			<i>For Low-E Insulated Glass, Add</i>	50.43	
			<i>For Aluminum Clad Exterior, Add</i>	54.03	
08 52 11 00-0032			38" Height, Sash-Only Replacement Kits For Double Hung Wood Windows		
			<small>(08 52 11 00-0001)</small>		
08 52 11 00-0033	EA		20" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	415.53	
			<i>For Low-E Insulated Glass, Add</i>	36.51	
			<i>For Aluminum Clad Exterior, Add</i>	39.12	
08 52 11 00-0034	EA		24" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	439.98	
			<i>For Low-E Insulated Glass, Add</i>	39.02	
			<i>For Aluminum Clad Exterior, Add</i>	41.81	
08 52 11 00-0035	EA		28" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	466.05	
			<i>For Low-E Insulated Glass, Add</i>	41.76	
			<i>For Aluminum Clad Exterior, Add</i>	44.74	
08 52 11 00-0036	EA		30" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	479.09	
			<i>For Low-E Insulated Glass, Add</i>	43.13	
			<i>For Aluminum Clad Exterior, Add</i>	46.21	
08 52 11 00-0037	EA		32" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	490.50	
			<i>For Low-E Insulated Glass, Add</i>	44.27	
			<i>For Aluminum Clad Exterior, Add</i>	47.43	
08 52 11 00-0038	EA		34" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	503.53	
			<i>For Low-E Insulated Glass, Add</i>	45.64	
			<i>For Aluminum Clad Exterior, Add</i>	48.90	
08 52 11 00-0039	EA		36" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	514.93	
			<i>For Low-E Insulated Glass, Add</i>	46.78	
			<i>For Aluminum Clad Exterior, Add</i>	50.12	
08 52 11 00-0040	EA		40" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	539.38	
			<i>For Low-E Insulated Glass, Add</i>	49.29	
			<i>For Aluminum Clad Exterior, Add</i>	52.81	
08 52 11 00-0041	EA		44" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	563.83	
			<i>For Low-E Insulated Glass, Add</i>	51.80	
			<i>For Aluminum Clad Exterior, Add</i>	55.50	
08 52 11 00-0042			46" Height, Sash-Only Replacement Kits For Double Hung Wood Windows		
			<small>(08 52 11 00-0001)</small>		
08 52 11 00-0043	EA		20" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	464.43	
			<i>For Low-E Insulated Glass, Add</i>	41.76	
			<i>For Aluminum Clad Exterior, Add</i>	44.74	
08 52 11 00-0044	EA		24" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	488.87	
			<i>For Low-E Insulated Glass, Add</i>	44.27	
			<i>For Aluminum Clad Exterior, Add</i>	47.43	
08 52 11 00-0045	EA		28" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	513.30	
			<i>For Low-E Insulated Glass, Add</i>	46.78	
			<i>For Aluminum Clad Exterior, Add</i>	50.12	
08 52 11 00-0046	EA		30" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	524.72	
			<i>For Low-E Insulated Glass, Add</i>	47.92	
			<i>For Aluminum Clad Exterior, Add</i>	51.34	
08 52 11 00-0047	EA		32" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	537.76	
			<i>For Low-E Insulated Glass, Add</i>	49.29	
			<i>For Aluminum Clad Exterior, Add</i>	52.81	
08 52 11 00-0048	EA		34" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	549.16	
			<i>For Low-E Insulated Glass, Add</i>	50.43	
			<i>For Aluminum Clad Exterior, Add</i>	54.03	
08 52 11 00-0049	EA		36" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	562.20	
			<i>For Low-E Insulated Glass, Add</i>	51.80	
			<i>For Aluminum Clad Exterior, Add</i>	55.50	
08 52 11 00-0050	EA		40" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	586.64	
			<i>For Low-E Insulated Glass, Add</i>	54.31	
			<i>For Aluminum Clad Exterior, Add</i>	58.19	
08 52 11 00-0051	EA		44" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	612.73	
			<i>For Low-E Insulated Glass, Add</i>	57.04	
			<i>For Aluminum Clad Exterior, Add</i>	61.12	
08 52 11 00-0052			48" Height, Sash-Only Replacement Kits For Double Hung Wood Windows		
			<small>(08 52 11 00-0001)</small>		
08 52 11 00-0053	EA		20" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	475.83	
			<i>For Low-E Insulated Glass, Add</i>	43.13	
			<i>For Aluminum Clad Exterior, Add</i>	46.21	
08 52 11 00-0054	EA		24" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	500.28	
			<i>For Low-E Insulated Glass, Add</i>	45.64	
			<i>For Aluminum Clad Exterior, Add</i>	48.90	
08 52 11 00-0055	EA		28" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	523.08	
			<i>For Low-E Insulated Glass, Add</i>	47.92	
			<i>For Aluminum Clad Exterior, Add</i>	51.34	
08 52 11 00-0056	EA		30" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	536.13	
			<i>For Low-E Insulated Glass, Add</i>	49.29	
			<i>For Aluminum Clad Exterior, Add</i>	52.81	
08 52 11 00-0057	EA		32" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	547.53	
			<i>For Low-E Insulated Glass, Add</i>	50.43	
			<i>For Aluminum Clad Exterior, Add</i>	54.03	
08 52 11 00-0058	EA		34" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	560.57	
			<i>For Low-E Insulated Glass, Add</i>	51.80	
			<i>For Aluminum Clad Exterior, Add</i>	55.50	

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 52 11 00-0059	EA	36" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows.....	571.98
		<i>For Low-E Insulated Glass, Add</i>	52.94
		<i>For Aluminum Clad Exterior, Add</i>	56.72
08 52 11 00-0060	EA	40" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows.....	598.05
		<i>For Low-E Insulated Glass, Add</i>	55.68
		<i>For Aluminum Clad Exterior, Add</i>	59.65
08 52 11 00-0061	EA	44" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows.....	622.50
		<i>For Low-E Insulated Glass, Add</i>	58.19
		<i>For Aluminum Clad Exterior, Add</i>	62.34

08 52 11 00-0062 50" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

08 52 11 00-0063	EA	20" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	490.50
		<i>For Low-E Insulated Glass, Add</i>	44.27
		<i>For Aluminum Clad Exterior, Add</i>	47.43
08 52 11 00-0064	EA	24" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	514.93
		<i>For Low-E Insulated Glass, Add</i>	46.78
		<i>For Aluminum Clad Exterior, Add</i>	50.12
08 52 11 00-0065	EA	28" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	539.38
		<i>For Low-E Insulated Glass, Add</i>	49.29
		<i>For Aluminum Clad Exterior, Add</i>	52.81
08 52 11 00-0066	EA	30" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	550.79
		<i>For Low-E Insulated Glass, Add</i>	50.43
		<i>For Aluminum Clad Exterior, Add</i>	54.03
08 52 11 00-0067	EA	32" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	563.83
		<i>For Low-E Insulated Glass, Add</i>	51.80
		<i>For Aluminum Clad Exterior, Add</i>	55.50
08 52 11 00-0068	EA	34" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	575.23
		<i>For Low-E Insulated Glass, Add</i>	52.94
		<i>For Aluminum Clad Exterior, Add</i>	56.72
08 52 11 00-0069	EA	36" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	588.27
		<i>For Low-E Insulated Glass, Add</i>	54.31
		<i>For Aluminum Clad Exterior, Add</i>	58.19
08 52 11 00-0070	EA	40" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	614.35
		<i>For Low-E Insulated Glass, Add</i>	57.04
		<i>For Aluminum Clad Exterior, Add</i>	61.12
08 52 11 00-0071	EA	44" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	638.80
		<i>For Low-E Insulated Glass, Add</i>	59.55
		<i>For Aluminum Clad Exterior, Add</i>	63.81

08 52 11 00-0072 54" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

08 52 11 00-0073	EA	20" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	514.93
		<i>For Low-E Insulated Glass, Add</i>	46.78
		<i>For Aluminum Clad Exterior, Add</i>	50.12
08 52 11 00-0074	EA	24" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	539.38
		<i>For Low-E Insulated Glass, Add</i>	49.29
		<i>For Aluminum Clad Exterior, Add</i>	52.81
08 52 11 00-0075	EA	28" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	563.83
		<i>For Low-E Insulated Glass, Add</i>	51.80
		<i>For Aluminum Clad Exterior, Add</i>	55.50
08 52 11 00-0076	EA	30" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	575.23
		<i>For Low-E Insulated Glass, Add</i>	52.94
		<i>For Aluminum Clad Exterior, Add</i>	56.72
08 52 11 00-0077	EA	32" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	588.27
		<i>For Low-E Insulated Glass, Add</i>	54.31
		<i>For Aluminum Clad Exterior, Add</i>	58.19
08 52 11 00-0078	EA	34" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	601.32
		<i>For Low-E Insulated Glass, Add</i>	55.68
		<i>For Aluminum Clad Exterior, Add</i>	59.65
08 52 11 00-0079	EA	36" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	614.35
		<i>For Low-E Insulated Glass, Add</i>	57.04
		<i>For Aluminum Clad Exterior, Add</i>	61.12
08 52 11 00-0080	EA	40" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	638.80
		<i>For Low-E Insulated Glass, Add</i>	59.55
		<i>For Aluminum Clad Exterior, Add</i>	63.81
08 52 11 00-0081	EA	44" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	663.23
		<i>For Low-E Insulated Glass, Add</i>	62.06
		<i>For Aluminum Clad Exterior, Add</i>	66.50

08 52 11 00-0082 58" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

08 52 11 00-0083	EA	20" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows.....	537.76
		<i>For Low-E Insulated Glass, Add</i>	49.29
		<i>For Aluminum Clad Exterior, Add</i>	52.81
08 52 11 00-0084	EA	24" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows.....	562.20
		<i>For Low-E Insulated Glass, Add</i>	51.80
		<i>For Aluminum Clad Exterior, Add</i>	55.50
08 52 11 00-0085	EA	28" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows.....	586.64
		<i>For Low-E Insulated Glass, Add</i>	54.31
		<i>For Aluminum Clad Exterior, Add</i>	58.19
08 52 11 00-0086	EA	30" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows.....	599.68
		<i>For Low-E Insulated Glass, Add</i>	55.68
		<i>For Aluminum Clad Exterior, Add</i>	59.65
08 52 11 00-0087	EA	32" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows.....	612.73
		<i>For Low-E Insulated Glass, Add</i>	57.04
		<i>For Aluminum Clad Exterior, Add</i>	61.12

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0088	EA		34" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	624.13 58.19 62.34	
08 52 11 00-0089	EA		36" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	637.17 59.55 63.81	
08 52 11 00-0090	EA		40" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	661.60 62.06 66.50	
08 52 11 00-0091	EA		44" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	684.43 64.35 68.94	
08 52 11 00-0092 60" Height, Sash-Only Replacement Kits For Double Hung Wood Windows					
<small>(08 52 11 00-0001)</small>					
08 52 11 00-0093	EA		20" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	547.53 50.43 54.03	
08 52 11 00-0094	EA		24" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	571.98 52.94 56.72	
08 52 11 00-0095	EA		28" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	598.05 55.68 59.65	
08 52 11 00-0096	EA		30" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	611.10 57.04 61.12	
08 52 11 00-0097	EA		32" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	622.50 58.19 62.34	
08 52 11 00-0098	EA		34" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	635.54 59.55 63.81	
08 52 11 00-0099	EA		36" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	646.94 60.69 65.03	
08 52 11 00-0100	EA		40" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	671.38 63.20 67.72	
08 52 11 00-0101	EA		44" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	695.83 65.71 70.41	
08 52 11 00-0102 62" Height, Sash-Only Replacement Kits For Double Hung Wood Windows					
<small>(08 52 11 00-0001)</small>					
08 52 11 00-0103	EA		20" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	563.83 51.80 55.50	
08 52 11 00-0104	EA		24" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	588.27 54.31 58.19	
08 52 11 00-0105	EA		28" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	614.35 57.04 61.12	
08 52 11 00-0106	EA		30" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	625.76 58.19 62.34	
08 52 11 00-0107	EA		32" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	638.80 59.55 63.81	
08 52 11 00-0108	EA		34" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	650.19 60.69 65.03	
08 52 11 00-0109	EA		36" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	663.23 62.06 66.50	
08 52 11 00-0110	EA		40" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	686.05 64.35 68.94	
08 52 11 00-0111	EA		44" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	710.50 66.86 71.63	
08 52 11 00-0112 66" Height, Sash-Only Replacement Kits For Double Hung Wood Windows					
<small>(08 52 11 00-0001)</small>					
08 52 11 00-0113	EA		20" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	588.27 54.31 58.19	
08 52 11 00-0114	EA		24" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	614.35 57.04 61.12	
08 52 11 00-0115	EA		28" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	638.80 59.55 63.81	
08 52 11 00-0116	EA		30" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	650.19 60.69 65.03	

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 52 11 00-0117	EA	32" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	663.23	
		<i>For Low-E Insulated Glass, Add</i>	62.06	
		<i>For Aluminum Clad Exterior, Add</i>	66.50	
08 52 11 00-0118	EA	34" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	674.64	
		<i>For Low-E Insulated Glass, Add</i>	63.20	
		<i>For Aluminum Clad Exterior, Add</i>	67.72	
08 52 11 00-0119	EA	36" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	686.05	
		<i>For Low-E Insulated Glass, Add</i>	64.35	
		<i>For Aluminum Clad Exterior, Add</i>	68.94	
08 52 11 00-0120	EA	40" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	710.50	
		<i>For Low-E Insulated Glass, Add</i>	66.86	
		<i>For Aluminum Clad Exterior, Add</i>	71.63	
08 52 11 00-0121	EA	44" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	734.94	
		<i>For Low-E Insulated Glass, Add</i>	69.37	
		<i>For Aluminum Clad Exterior, Add</i>	74.32	
08 52 11 00-0122 70" Height, Sash-Only Replacement Kits For Double Hung Wood Windows				
		<small>(08 52 11 00-0001)</small>		
08 52 11 00-0123	EA	20" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	612.73	
		<i>For Low-E Insulated Glass, Add</i>	57.04	
		<i>For Aluminum Clad Exterior, Add</i>	61.12	
08 52 11 00-0124	EA	24" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	637.17	
		<i>For Low-E Insulated Glass, Add</i>	59.55	
		<i>For Aluminum Clad Exterior, Add</i>	63.81	
08 52 11 00-0125	EA	28" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	661.60	
		<i>For Low-E Insulated Glass, Add</i>	62.06	
		<i>For Aluminum Clad Exterior, Add</i>	66.50	
08 52 11 00-0126	EA	30" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	673.01	
		<i>For Low-E Insulated Glass, Add</i>	63.20	
		<i>For Aluminum Clad Exterior, Add</i>	67.72	
08 52 11 00-0127	EA	32" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	684.43	
		<i>For Low-E Insulated Glass, Add</i>	64.35	
		<i>For Aluminum Clad Exterior, Add</i>	68.94	
08 52 11 00-0128	EA	34" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	702.30	
		<i>For Low-E Insulated Glass, Add</i>	66.39	
		<i>For Aluminum Clad Exterior, Add</i>	71.13	
08 52 11 00-0129	EA	36" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	710.57	
		<i>For Low-E Insulated Glass, Add</i>	67.09	
		<i>For Aluminum Clad Exterior, Add</i>	71.89	
08 52 11 00-0130	EA	40" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	733.31	
		<i>For Low-E Insulated Glass, Add</i>	69.37	
		<i>For Aluminum Clad Exterior, Add</i>	74.32	
08 52 11 00-0131	EA	44" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	759.38	
		<i>For Low-E Insulated Glass, Add</i>	72.10	
		<i>For Aluminum Clad Exterior, Add</i>	77.25	
08 52 11 00-0132 74" Height, Sash-Only Replacement Kits For Double Hung Wood Windows				
		<small>(08 52 11 00-0001)</small>		
08 52 11 00-0133	EA	20" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	638.80	
		<i>For Low-E Insulated Glass, Add</i>	59.55	
		<i>For Aluminum Clad Exterior, Add</i>	63.81	
08 52 11 00-0134	EA	24" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	663.23	
		<i>For Low-E Insulated Glass, Add</i>	62.06	
		<i>For Aluminum Clad Exterior, Add</i>	66.50	
08 52 11 00-0135	EA	28" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	686.05	
		<i>For Low-E Insulated Glass, Add</i>	64.35	
		<i>For Aluminum Clad Exterior, Add</i>	68.94	
08 52 11 00-0136	EA	30" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	699.09	
		<i>For Low-E Insulated Glass, Add</i>	65.71	
		<i>For Aluminum Clad Exterior, Add</i>	70.41	
08 52 11 00-0137	EA	32" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	710.50	
		<i>For Low-E Insulated Glass, Add</i>	66.86	
		<i>For Aluminum Clad Exterior, Add</i>	71.63	
08 52 11 00-0138	EA	34" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	723.53	
		<i>For Low-E Insulated Glass, Add</i>	68.22	
		<i>For Aluminum Clad Exterior, Add</i>	73.10	
08 52 11 00-0139	EA	36" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	734.94	
		<i>For Low-E Insulated Glass, Add</i>	69.37	
		<i>For Aluminum Clad Exterior, Add</i>	74.32	
08 52 11 00-0140	EA	40" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	761.02	
		<i>For Low-E Insulated Glass, Add</i>	72.10	
		<i>For Aluminum Clad Exterior, Add</i>	77.25	
08 52 11 00-0141	EA	44" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	785.46	
		<i>For Low-E Insulated Glass, Add</i>	74.61	
		<i>For Aluminum Clad Exterior, Add</i>	79.94	
08 52 11 00-0142 78" Height, Sash-Only Replacement Kits For Double Hung Wood Windows				
		<small>(08 52 11 00-0001)</small>		
08 52 11 00-0143	EA	20" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	669.75	
		<i>For Low-E Insulated Glass, Add</i>	62.06	
		<i>For Aluminum Clad Exterior, Add</i>	66.50	
08 52 11 00-0144	EA	24" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	692.57	
		<i>For Low-E Insulated Glass, Add</i>	64.35	
		<i>For Aluminum Clad Exterior, Add</i>	68.94	
08 52 11 00-0145	EA	28" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	717.01	
		<i>For Low-E Insulated Glass, Add</i>	66.86	
		<i>For Aluminum Clad Exterior, Add</i>	71.63	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 52 11 00-0146	EA		30" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	730.05 68.22 73.10	
08 52 11 00-0147	EA		32" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	741.46 69.37 74.32	
08 52 11 00-0148	EA		34" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	754.50 70.74 75.79	
08 52 11 00-0149	EA		36" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	767.54 72.10 77.25	
08 52 11 00-0150	EA		40" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	791.97 74.61 79.94	
08 52 11 00-0151	EA		44" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	816.41 77.12 82.63	
08 52 11 00-0152			Commercial And Institutional Heavy Double Hung Windows <small>(08 52 11)</small> Note: With true divided lites. Performance grade DP 40 in NWWDA I.S. 2-93. Includes complete unit with hardware, blocking and accessories, glazing, caulking, prepare opening, anchors, testing and certifications. Excludes painting.		
08 52 11 00-0153	SF	Up To 21 SF	Double Hung Wood Window With True Divided Lite <i>For Insulating Glass, Add</i>	109.54 6.84	14.55
08 52 11 00-0154	SF	21 To 40 SF	Double Hung Wood Window With True Divided Lite <i>For Insulating Glass, Add</i>	104.35 6.12	16.18
08 52 11 00-0155	SF	40 SF And Over	Double Hung Wood Window With True Divided Lite <i>For Insulating Glass, Add</i>	99.75 5.39	18.15
08 52 11 00-0156			Architectural And Historic Reproduction Wood Windows <small>(08 52 11)</small> Note: Fixed casement, awning, and double hung. With true divided lites. Casement performance grade DP 40; awning performance grade DP 25; double hung performance grade DP 30. Includes complete unit with hardware, blocking and accessories, glazing, caulking, prepare opening, anchors, testing and certifications. Excludes painting.		
08 52 11 00-0157	SF	Up To 21 SF	Architectural And Historic Reproduction Wood Window <i>For Insulating Glass, Add</i>	118.02 7.56	14.54
08 52 11 00-0158	SF	21 To 40 SF	Architectural And Historic Reproduction Wood Window <i>For Insulating Glass, Add</i>	108.93 6.51	16.17
08 52 11 00-0159	SF	40 SF And Over	Architectural And Historic Reproduction Wood Window <i>For Insulating Glass, Add</i>	102.43 5.62	18.14
08 52 11 00-0160			Removal And Reinstallation Of Wood Window And Frame <small>(08 52 11)</small> Note: Includes storage, cleaning and supply materials.		
08 52 11 00-0161	SF		Removal And Reinstallation Of Wood Windows And Frames.....	27.03	
08 52 16			Plastic-Clad Wood Windows <small>(08 52)</small>		
08 52 16 00-0001			Double Hung Wood Clad Windows <small>(08 52 16)</small> Note: Double hung windows feature two movable sashes that operate vertically and open independently.		
08 52 16 00-0002			Double Hung Wood Clad Windows (Andersen 200 TW Series) <small>(08 52 16 00-0001)</small> Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0003			35-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) <small>(08 52 16 00-0002)</small>		
08 52 16 00-0004	EA	23-1/2" x 35-1/2"	Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	326.17 26.29 43.82	53.52
08 52 16 00-0005	EA	27-1/2" x 35-1/2"	Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	345.04 28.00 46.67	55.85
08 52 16 00-0006	EA	31-1/2" x 35-1/2"	Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	362.72 29.56 49.27	58.18
08 52 16 00-0007	EA	35-1/2" x 35-1/2"	Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	380.40 31.13 51.88	60.51
08 52 16 00-0008			41-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) <small>(08 52 16 00-0002)</small>		
08 52 16 00-0009	EA	23-1/2" x 41-1/2"	Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	353.28 28.71 47.85	57.02
08 52 16 00-0010	EA	27-1/2" x 41-1/2"	Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	372.14 30.42 50.69	59.34
08 52 16 00-0011	EA	31-1/2" x 41-1/2"	Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	389.84 31.98 53.30	61.67
08 52 16 00-0012	EA	35-1/2" x 41-1/2"	Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	407.52 33.54 55.90	64.00

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0013			47-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) (08 52 16 00-0002)		
08 52 16 00-0014	EA		23-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	380.40	60.51
			For Low-E Insulated Glass, Add	31.13	
			For Tempered Clear Insulated Glass, Add	51.88	
08 52 16 00-0015	EA		27-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	398.08	62.84
			For Low-E Insulated Glass, Add	32.69	
			For Tempered Clear Insulated Glass, Add	54.48	
08 52 16 00-0016	EA		31-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	416.94	65.16
			For Low-E Insulated Glass, Add	34.39	
			For Tempered Clear Insulated Glass, Add	57.32	
08 52 16 00-0017	EA		35-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	434.63	67.49
			For Low-E Insulated Glass, Add	35.96	
			For Tempered Clear Insulated Glass, Add	59.93	
08 52 16 00-0018			53-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) (08 52 16 00-0002)		
08 52 16 00-0019	EA		23-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	407.52	64.00
			For Low-E Insulated Glass, Add	33.54	
			For Tempered Clear Insulated Glass, Add	55.90	
08 52 16 00-0020	EA		27-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	425.21	66.33
			For Low-E Insulated Glass, Add	35.11	
			For Tempered Clear Insulated Glass, Add	58.51	
08 52 16 00-0021	EA		31-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	442.89	68.65
			For Low-E Insulated Glass, Add	36.67	
			For Tempered Clear Insulated Glass, Add	61.12	
08 52 16 00-0022	EA		35-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	461.75	70.98
			For Low-E Insulated Glass, Add	38.37	
			For Tempered Clear Insulated Glass, Add	63.96	
08 52 16 00-0023			56-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) (08 52 16 00-0002)		
08 52 16 00-0024	EA		19-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	402.81	64.00
			For Low-E Insulated Glass, Add	33.12	
			For Tempered Clear Insulated Glass, Add	55.19	
08 52 16 00-0025	EA		23-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	420.48	65.74
			For Low-E Insulated Glass, Add	34.68	
			For Tempered Clear Insulated Glass, Add	57.80	
08 52 16 00-0026	EA		27-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	439.35	68.65
			For Low-E Insulated Glass, Add	36.39	
			For Tempered Clear Insulated Glass, Add	60.64	
08 52 16 00-0027	EA		31-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	457.03	70.98
			For Low-E Insulated Glass, Add	37.95	
			For Tempered Clear Insulated Glass, Add	63.25	
08 52 16 00-0028	EA		35-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	474.71	73.30
			For Low-E Insulated Glass, Add	39.51	
			For Tempered Clear Insulated Glass, Add	65.85	
08 52 16 00-0029	EA		39-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	492.39	75.64
			For Low-E Insulated Glass, Add	41.07	
			For Tempered Clear Insulated Glass, Add	68.46	
08 52 16 00-0030			59-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) (08 52 16 00-0002)		
08 52 16 00-0031	EA		19-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	416.94	65.16
			For Low-E Insulated Glass, Add	34.39	
			For Tempered Clear Insulated Glass, Add	57.32	
08 52 16 00-0032	EA		23-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	434.63	67.49
			For Low-E Insulated Glass, Add	35.96	
			For Tempered Clear Insulated Glass, Add	59.93	
08 52 16 00-0033	EA		27-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	452.31	69.82
			For Low-E Insulated Glass, Add	37.52	
			For Tempered Clear Insulated Glass, Add	62.54	
08 52 16 00-0034	EA		31-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	470.00	72.15
			For Low-E Insulated Glass, Add	39.09	
			For Tempered Clear Insulated Glass, Add	65.14	
08 52 16 00-0035	EA		35-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	487.68	74.47
			For Low-E Insulated Glass, Add	40.65	
			For Tempered Clear Insulated Glass, Add	67.75	
08 52 16 00-0036	EA		39-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	506.54	76.80
			For Low-E Insulated Glass, Add	42.35	
			For Tempered Clear Insulated Glass, Add	70.59	
08 52 16 00-0037			65-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) (08 52 16 00-0002)		
08 52 16 00-0038	EA		23-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	461.75	70.98
			For Low-E Insulated Glass, Add	38.37	
			For Tempered Clear Insulated Glass, Add	63.96	
08 52 16 00-0039	EA		27-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	479.44	73.30
			For Low-E Insulated Glass, Add	39.94	
			For Tempered Clear Insulated Glass, Add	66.56	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0040	EA		31-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	497.11	75.64
			<i>For Low-E Insulated Glass, Add</i>	41.50	
			<i>For Tempered Clear Insulated Glass, Add</i>	69.17	
08 52 16 00-0041	EA		35-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	514.79	77.97
			<i>For Low-E Insulated Glass, Add</i>	43.06	
			<i>For Tempered Clear Insulated Glass, Add</i>	71.77	
08 52 16 00-0042			71-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) (08 52 16 00-0002)		
08 52 16 00-0043	EA		23-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	487.68	74.47
			<i>For Low-E Insulated Glass, Add</i>	40.65	
			<i>For Tempered Clear Insulated Glass, Add</i>	67.75	
08 52 16 00-0044	EA		27-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	506.54	76.80
			<i>For Low-E Insulated Glass, Add</i>	42.35	
			<i>For Tempered Clear Insulated Glass, Add</i>	70.59	
08 52 16 00-0045	EA		31-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	524.24	79.12
			<i>For Low-E Insulated Glass, Add</i>	43.92	
			<i>For Tempered Clear Insulated Glass, Add</i>	73.20	
08 52 16 00-0046	EA		35-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	541.92	81.45
			<i>For Low-E Insulated Glass, Add</i>	45.48	
			<i>For Tempered Clear Insulated Glass, Add</i>	75.80	
08 52 16 00-0047			Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0001)		
			Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0048			36-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)		
08 52 16 00-0049	EA		21-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	396.07	53.52
			<i>For Tempered Low-E Insulated Glass, Add</i>	58.04	
08 52 16 00-0050	EA		25-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	419.67	55.28
			<i>For Tempered Low-E Insulated Glass, Add</i>	61.83	
08 52 16 00-0051	EA		29-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	444.46	57.60
			<i>For Tempered Low-E Insulated Glass, Add</i>	65.85	
08 52 16 00-0052	EA		31-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	457.45	59.34
			<i>For Tempered Low-E Insulated Glass, Add</i>	67.98	
08 52 16 00-0053	EA		33-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	469.25	60.51
			<i>For Tempered Low-E Insulated Glass, Add</i>	69.88	
08 52 16 00-0054	EA		35-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	481.05	61.67
			<i>For Tempered Low-E Insulated Glass, Add</i>	71.77	
08 52 16 00-0055	EA		37-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	494.03	62.25
			<i>For Tempered Low-E Insulated Glass, Add</i>	73.91	
08 52 16 00-0056	EA		41-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	517.64	64.58
			<i>For Tempered Low-E Insulated Glass, Add</i>	77.70	
08 52 16 00-0057	EA		45-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	542.43	66.91
			<i>For Tempered Low-E Insulated Glass, Add</i>	81.72	
08 52 16 00-0058			40-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)		
08 52 16 00-0059	EA		21-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	419.67	55.85
			<i>For Tempered Low-E Insulated Glass, Add</i>	61.83	
08 52 16 00-0060	EA		25-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	444.46	57.60
			<i>For Tempered Low-E Insulated Glass, Add</i>	65.85	
08 52 16 00-0061	EA		29-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	469.25	59.93
			<i>For Tempered Low-E Insulated Glass, Add</i>	69.88	
08 52 16 00-0062	EA		31-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	481.05	61.67
			<i>For Tempered Low-E Insulated Glass, Add</i>	71.77	
08 52 16 00-0063	EA		33-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	494.03	62.84
			<i>For Tempered Low-E Insulated Glass, Add</i>	73.91	
08 52 16 00-0064	EA		35-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	505.85	64.00
			<i>For Tempered Low-E Insulated Glass, Add</i>	75.80	
08 52 16 00-0065	EA		37-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	517.64	64.58
			<i>For Tempered Low-E Insulated Glass, Add</i>	77.70	
08 52 16 00-0066	EA		41-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	542.43	66.91
			<i>For Tempered Low-E Insulated Glass, Add</i>	81.72	
08 52 16 00-0067	EA		45-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	567.22	69.24
			<i>For Tempered Low-E Insulated Glass, Add</i>	85.75	
08 52 16 00-0068			44-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)		
08 52 16 00-0069	EA		21-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	444.46	58.18
			<i>For Tempered Low-E Insulated Glass, Add</i>	65.85	
08 52 16 00-0070	EA		25-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	469.25	59.93
			<i>For Tempered Low-E Insulated Glass, Add</i>	69.88	
08 52 16 00-0071	EA		29-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	494.03	62.25
			<i>For Tempered Low-E Insulated Glass, Add</i>	73.91	
08 52 16 00-0072	EA		31-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	505.85	64.00
			<i>For Tempered Low-E Insulated Glass, Add</i>	75.80	
08 52 16 00-0073	EA		33-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	517.64	65.16
			<i>For Tempered Low-E Insulated Glass, Add</i>	77.70	
08 52 16 00-0074	EA		35-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	530.63	66.33
			<i>For Tempered Low-E Insulated Glass, Add</i>	79.83	

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 52 16 00-0075	EA	37-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	542.43	66.91
		<i>For Tempered Low-E Insulated Glass, Add</i>	81.72	
08 52 16 00-0076	EA	41-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	567.22	69.24
		<i>For Tempered Low-E Insulated Glass, Add</i>	85.75	
08 52 16 00-0077	EA	45-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	592.02	71.56
		<i>For Tempered Low-E Insulated Glass, Add</i>	89.78	
08 52 16 00-0078 48-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)				
08 52 16 00-0079	EA	21-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	469.25	60.51
		<i>For Tempered Low-E Insulated Glass, Add</i>	69.88	
08 52 16 00-0080	EA	25-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	494.03	62.25
		<i>For Tempered Low-E Insulated Glass, Add</i>	73.91	
08 52 16 00-0081	EA	29-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	517.64	64.58
		<i>For Tempered Low-E Insulated Glass, Add</i>	77.70	
08 52 16 00-0082	EA	31-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	530.63	66.33
		<i>For Tempered Low-E Insulated Glass, Add</i>	79.83	
08 52 16 00-0083	EA	33-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	542.43	67.49
		<i>For Tempered Low-E Insulated Glass, Add</i>	81.72	
08 52 16 00-0084	EA	35-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	554.23	68.65
		<i>For Tempered Low-E Insulated Glass, Add</i>	83.62	
08 52 16 00-0085	EA	37-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	567.22	69.24
		<i>For Tempered Low-E Insulated Glass, Add</i>	85.75	
08 52 16 00-0086	EA	41-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	592.02	71.56
		<i>For Tempered Low-E Insulated Glass, Add</i>	89.78	
08 52 16 00-0087	EA	45-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	615.62	73.89
		<i>For Tempered Low-E Insulated Glass, Add</i>	93.57	
08 52 16 00-0088 52-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)				
08 52 16 00-0089	EA	21-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	494.03	62.84
		<i>For Tempered Low-E Insulated Glass, Add</i>	73.91	
08 52 16 00-0090	EA	25-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	517.64	64.58
		<i>For Tempered Low-E Insulated Glass, Add</i>	77.70	
08 52 16 00-0091	EA	29-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	542.43	66.91
		<i>For Tempered Low-E Insulated Glass, Add</i>	81.72	
08 52 16 00-0092	EA	31-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	554.23	68.65
		<i>For Tempered Low-E Insulated Glass, Add</i>	83.62	
08 52 16 00-0093	EA	33-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	567.22	69.82
		<i>For Tempered Low-E Insulated Glass, Add</i>	85.75	
08 52 16 00-0094	EA	35-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	579.03	70.98
		<i>For Tempered Low-E Insulated Glass, Add</i>	87.65	
08 52 16 00-0095	EA	37-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	592.02	71.56
		<i>For Tempered Low-E Insulated Glass, Add</i>	89.78	
08 52 16 00-0096	EA	41-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	615.62	73.89
		<i>For Tempered Low-E Insulated Glass, Add</i>	93.57	
08 52 16 00-0097	EA	45-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	640.41	76.21
		<i>For Tempered Low-E Insulated Glass, Add</i>	97.59	
08 52 16 00-0098 56-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)				
08 52 16 00-0099	EA	21-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	517.64	65.16
		<i>For Tempered Low-E Insulated Glass, Add</i>	77.70	
08 52 16 00-0100	EA	25-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	542.43	66.91
		<i>For Tempered Low-E Insulated Glass, Add</i>	81.72	
08 52 16 00-0101	EA	29-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	567.22	69.24
		<i>For Tempered Low-E Insulated Glass, Add</i>	85.75	
08 52 16 00-0102	EA	31-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	579.03	70.98
		<i>For Tempered Low-E Insulated Glass, Add</i>	87.65	
08 52 16 00-0103	EA	33-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	592.02	72.15
		<i>For Tempered Low-E Insulated Glass, Add</i>	89.78	
08 52 16 00-0104	EA	35-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	603.81	73.30
		<i>For Tempered Low-E Insulated Glass, Add</i>	91.67	
08 52 16 00-0105	EA	37-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	615.62	73.89
		<i>For Tempered Low-E Insulated Glass, Add</i>	93.57	
08 52 16 00-0106	EA	41-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	640.41	76.21
		<i>For Tempered Low-E Insulated Glass, Add</i>	97.59	
08 52 16 00-0107	EA	45-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	665.20	78.55
		<i>For Tempered Low-E Insulated Glass, Add</i>	101.62	
08 52 16 00-0108 60-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)				
08 52 16 00-0109	EA	21-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	542.43	67.49
		<i>For Tempered Low-E Insulated Glass, Add</i>	81.72	
08 52 16 00-0110	EA	25-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	567.22	69.24
		<i>For Tempered Low-E Insulated Glass, Add</i>	85.75	
08 52 16 00-0111	EA	29-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	592.02	71.56
		<i>For Tempered Low-E Insulated Glass, Add</i>	89.78	
08 52 16 00-0112	EA	31-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	603.81	73.30
		<i>For Tempered Low-E Insulated Glass, Add</i>	91.67	
08 52 16 00-0113	EA	33-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	615.62	74.47
		<i>For Tempered Low-E Insulated Glass, Add</i>	93.57	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0114	EA		35-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	628.60 95.70	75.64
08 52 16 00-0115	EA		37-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	640.41 97.59	76.21
08 52 16 00-0116	EA		41-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	665.20 101.62	78.55
08 52 16 00-0117	EA		45-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	688.80 105.41	80.87
08 52 16 00-0118			64-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) <small>(08 52 16 00-0047)</small>		
08 52 16 00-0119	EA		21-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	567.22 85.75	69.82
08 52 16 00-0120	EA		25-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	592.02 89.78	71.56
08 52 16 00-0121	EA		29-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	615.62 93.57	73.89
08 52 16 00-0122	EA		31-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	628.60 95.70	75.64
08 52 16 00-0123	EA		33-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	640.41 97.59	76.80
08 52 16 00-0124	EA		35-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	652.21 99.49	77.97
08 52 16 00-0125	EA		37-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	665.20 101.62	78.55
08 52 16 00-0126	EA		41-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	688.80 105.41	80.87
08 52 16 00-0127	EA		45-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	713.59 109.44	83.20
08 52 16 00-0128			68-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) <small>(08 52 16 00-0047)</small>		
08 52 16 00-0129	EA		21-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	592.02 89.78	72.15
08 52 16 00-0130	EA		25-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	615.62 93.57	73.89
08 52 16 00-0131	EA		29-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	640.41 97.59	76.21
08 52 16 00-0132	EA		31-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	652.21 99.49	77.97
08 52 16 00-0133	EA		33-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	665.20 101.62	79.12
08 52 16 00-0134	EA		35-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	676.99 103.52	80.29
08 52 16 00-0135	EA		37-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	688.80 105.41	80.87
08 52 16 00-0136	EA		41-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	713.59 109.44	83.20
08 52 16 00-0137	EA		45-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	738.38 113.47	85.53
08 52 16 00-0138			72-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) <small>(08 52 16 00-0047)</small>		
08 52 16 00-0139	EA		21-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	615.62 93.57	74.47
08 52 16 00-0140	EA		25-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	640.41 97.59	76.21
08 52 16 00-0141	EA		29-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	665.20 101.62	78.55
08 52 16 00-0142	EA		31-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	676.99 103.52	80.29
08 52 16 00-0143	EA		33-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	688.80 105.41	81.45
08 52 16 00-0144	EA		35-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	701.79 107.54	82.62
08 52 16 00-0145	EA		37-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	713.59 109.44	83.20
08 52 16 00-0146	EA		41-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	738.38 113.47	85.53
08 52 16 00-0147	EA		45-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	763.16 117.49	87.85
08 52 16 00-0148			76-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) <small>(08 52 16 00-0047)</small>		
08 52 16 00-0149	EA		21-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	640.41 97.59	76.80
08 52 16 00-0150	EA		25-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	665.20 101.62	78.55
08 52 16 00-0151	EA		29-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	688.80 105.41	80.87
08 52 16 00-0152	EA		31-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	701.79 107.54	82.62

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 52 16 00-0153	EA	33-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	713.59	83.78
		<i>For Tempered Low-E Insulated Glass, Add</i>	109.44	
08 52 16 00-0154	EA	35-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	726.57	84.94
		<i>For Tempered Low-E Insulated Glass, Add</i>	111.57	
08 52 16 00-0155	EA	37-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	738.38	85.53
		<i>For Tempered Low-E Insulated Glass, Add</i>	113.47	
08 52 16 00-0156	EA	41-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	763.16	87.85
		<i>For Tempered Low-E Insulated Glass, Add</i>	117.49	
08 52 16 00-0157	EA	45-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	786.77	90.18
		<i>For Tempered Low-E Insulated Glass, Add</i>	121.28	
08 52 16 00-0158 84-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)				
08 52 16 00-0159	EA	21-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	970.69	81.45
		<i>For Tempered Low-E Insulated Glass, Add</i>	161.79	
08 52 16 00-0160	EA	25-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	1,004.96	83.20
		<i>For Tempered Low-E Insulated Glass, Add</i>	167.71	
08 52 16 00-0161	EA	29-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	1,039.22	85.53
		<i>For Tempered Low-E Insulated Glass, Add</i>	173.63	
08 52 16 00-0162	EA	31-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	1,055.76	87.27
		<i>For Tempered Low-E Insulated Glass, Add</i>	176.48	
08 52 16 00-0163	EA	33-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	1,073.48	88.43
		<i>For Tempered Low-E Insulated Glass, Add</i>	179.56	
08 52 16 00-0164	EA	35-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	1,090.03	89.60
		<i>For Tempered Low-E Insulated Glass, Add</i>	182.40	
08 52 16 00-0165	EA	37-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	1,106.56	90.18
		<i>For Tempered Low-E Insulated Glass, Add</i>	185.24	
08 52 16 00-0166	EA	41-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	1,140.82	92.51
		<i>For Tempered Low-E Insulated Glass, Add</i>	191.16	
08 52 16 00-0167	EA	45-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	1,175.09	94.84
		<i>For Tempered Low-E Insulated Glass, Add</i>	197.08	
08 52 16 00-0168 88-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)				
08 52 16 00-0169	EA	21-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	1,004.96	83.78
		<i>For Tempered Low-E Insulated Glass, Add</i>	167.71	
08 52 16 00-0170	EA	25-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	1,039.22	85.53
		<i>For Tempered Low-E Insulated Glass, Add</i>	173.63	
08 52 16 00-0171	EA	29-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	1,073.48	87.85
		<i>For Tempered Low-E Insulated Glass, Add</i>	179.56	
08 52 16 00-0172	EA	31-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	1,090.03	89.60
		<i>For Tempered Low-E Insulated Glass, Add</i>	182.40	
08 52 16 00-0173	EA	33-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	1,106.56	90.76
		<i>For Tempered Low-E Insulated Glass, Add</i>	185.24	
08 52 16 00-0174	EA	35-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	1,124.29	91.93
		<i>For Tempered Low-E Insulated Glass, Add</i>	188.32	
08 52 16 00-0175	EA	37-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	1,140.82	92.51
		<i>For Tempered Low-E Insulated Glass, Add</i>	191.16	
08 52 16 00-0176	EA	41-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	1,175.09	94.84
		<i>For Tempered Low-E Insulated Glass, Add</i>	197.08	
08 52 16 00-0177	EA	45-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	1,209.35	97.16
		<i>For Tempered Low-E Insulated Glass, Add</i>	203.01	
08 52 16 00-0178 Casement Wood Clad Windows (08 52 16)				
Note: Casement windows are hinged on one side and swing inward or outward with a crank or push out operation.				
08 52 16 00-0179 Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0178)				
Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.				
08 52 16 00-0180 One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0179)				
08 52 16 00-0181 24-1/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0180)				
08 52 16 00-0182	EA	17" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	396.03	44.22
		<i>For Tempered Clear Insulated Glass, Add</i>	61.75	
08 52 16 00-0183	EA	20-1/2" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	418.68	45.38
		<i>For Tempered Clear Insulated Glass, Add</i>	65.58	
08 52 16 00-0184	EA	24-1/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	444.09	47.71
		<i>For Tempered Clear Insulated Glass, Add</i>	69.73	
08 52 16 00-0185	EA	28-3/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	467.55	50.03
		<i>For Tempered Clear Insulated Glass, Add</i>	73.50	
08 52 16 00-0186 28-3/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0180)				
08 52 16 00-0187	EA	17" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	424.64	46.55
		<i>For Tempered Clear Insulated Glass, Add</i>	66.54	
08 52 16 00-0188	EA	20-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	447.28	47.71
		<i>For Tempered Clear Insulated Glass, Add</i>	70.37	
08 52 16 00-0189	EA	24-1/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	472.69	50.03
		<i>For Tempered Clear Insulated Glass, Add</i>	74.52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0190	EA		28-3/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	485.54 76.16	52.37
08 52 16 00-0191	EA		31-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	514.76 81.31	54.69
08 52 16 00-0192			35-15/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0180)</small>		
08 52 16 00-0193	EA		17" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	475.88 75.16	50.03
08 52 16 00-0194	EA		20-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	500.12 79.31	52.37
08 52 16 00-0195	EA		24-1/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	525.53 83.46	54.11
08 52 16 00-0196	EA		28-3/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	565.30 90.49	56.43
08 52 16 00-0197	EA		31-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	603.06 97.34	58.18
08 52 16 00-0198	EA		35-15/16" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	639.75 104.21	59.34
08 52 16 00-0199			40-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0180)</small>		
08 52 16 00-0200	EA		17" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	510.43 80.91	53.52
08 52 16 00-0201	EA		20-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	533.08 84.74	54.69
08 52 16 00-0202	EA		24-1/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	558.48 88.89	57.02
08 52 16 00-0203	EA		28-3/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	615.81 99.43	59.34
08 52 16 00-0204	EA		31-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	655.36 106.64	61.67
08 52 16 00-0205	EA		35-15/16" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	692.61 113.15	64.00
08 52 16 00-0206			48" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0180)</small>		
08 52 16 00-0207	EA		17" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	559.65 88.89	58.18
08 52 16 00-0208	EA		20-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	583.88 93.04	59.34
08 52 16 00-0209	EA		24-1/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	609.30 97.19	61.67
08 52 16 00-0210	EA		28-3/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	688.17 112.03	64.00
08 52 16 00-0211	EA		31-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	719.23 117.55	66.33
08 52 16 00-0212	EA		35-15/16" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	765.76 125.92	68.65
08 52 16 00-0213			52-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0180)</small>		
08 52 16 00-0214	EA		17" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	593.03 94.64	60.51
08 52 16 00-0215	EA		20-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	615.69 98.47	61.67
08 52 16 00-0216	EA		24-1/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	641.09 102.62	64.00
08 52 16 00-0217	EA		28-3/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	738.34 121.14	66.33
08 52 16 00-0218	EA		31-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	784.50 129.67	68.65
08 52 16 00-0219	EA		35-15/16" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	815.12 134.86	70.98
08 52 16 00-0220			59-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0180)</small>		
08 52 16 00-0221	EA		17" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	641.09 102.62	64.00
08 52 16 00-0222	EA		20-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	665.33 106.77	66.33
08 52 16 00-0223	EA		24-1/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	690.74 110.92	68.07
08 52 16 00-0224	EA		28-3/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	810.33 133.91	70.40
08 52 16 00-0225	EA		31-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	843.16 139.77	72.15
08 52 16 00-0226	EA		35-15/16" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	887.11 147.63	74.47

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 52 16 00-0227	64-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0180)</small>		
08 52 16 00-0228	EA 17" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	675.64	67.49
	<i>For Tempered Clear Insulated Glass, Add</i>	108.37	
08 52 16 00-0229	EA 20-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	698.29	68.65
	<i>For Tempered Clear Insulated Glass, Add</i>	112.20	
08 52 16 00-0230	EA 24-1/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	723.69	70.98
	<i>For Tempered Clear Insulated Glass, Add</i>	116.35	
08 52 16 00-0231	EA 28-3/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	860.85	73.30
	<i>For Tempered Clear Insulated Glass, Add</i>	142.85	
08 52 16 00-0232	EA 31-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	891.41	75.64
	<i>For Tempered Clear Insulated Glass, Add</i>	148.26	
08 52 16 00-0233	EA 35-15/16" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	937.63	77.97
	<i>For Tempered Clear Insulated Glass, Add</i>	156.57	
08 52 16 00-0234	71-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0180)</small>		
08 52 16 00-0235	EA 17" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	723.69	70.98
	<i>For Tempered Clear Insulated Glass, Add</i>	116.35	
08 52 16 00-0236	EA 20-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	747.94	73.30
	<i>For Tempered Clear Insulated Glass, Add</i>	120.50	
08 52 16 00-0237	EA 24-1/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	773.34	75.06
	<i>For Tempered Clear Insulated Glass, Add</i>	124.65	
08 52 16 00-0238	EA 28-3/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	932.84	77.38
	<i>For Tempered Clear Insulated Glass, Add</i>	155.62	
08 52 16 00-0239	EA 31-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	970.29	79.12
	<i>For Tempered Clear Insulated Glass, Add</i>	162.41	
08 52 16 00-0240	EA 35-15/16" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	1,009.63	81.45
	<i>For Tempered Clear Insulated Glass, Add</i>	169.34	
08 52 16 00-0241	Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0179)</small>		
08 52 16 00-0242	24-1/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0241)</small>		
08 52 16 00-0243	EA 40-3/4" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	705.25	57.02
	<i>For Tempered Clear Insulated Glass, Add</i>	118.24	
08 52 16 00-0244	EA 48" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	801.01	61.67
	<i>For Tempered Clear Insulated Glass, Add</i>	135.53	
08 52 16 00-0245	EA 56-1/2" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	911.80	66.33
	<i>For Tempered Clear Insulated Glass, Add</i>	155.83	
08 52 16 00-0246	28-3/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0241)</small>		
08 52 16 00-0247	EA 40-3/4" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	760.56	59.34
	<i>For Tempered Clear Insulated Glass, Add</i>	128.38	
08 52 16 00-0248	EA 48" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	856.32	64.00
	<i>For Tempered Clear Insulated Glass, Add</i>	145.66	
08 52 16 00-0249	EA 56-1/2" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	967.11	68.65
	<i>For Tempered Clear Insulated Glass, Add</i>	165.96	
08 52 16 00-0250	35-15/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0241)</small>		
08 52 16 00-0251	EA 33-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	753.77	59.34
	<i>For Tempered Clear Insulated Glass, Add</i>	127.02	
08 52 16 00-0252	EA 40-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	851.32	64.00
	<i>For Tempered Clear Insulated Glass, Add</i>	144.90	
08 52 16 00-0253	EA 48" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	953.21	68.65
	<i>For Tempered Clear Insulated Glass, Add</i>	163.41	
08 52 16 00-0254	EA 56-1/2" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,071.07	72.73
	<i>For Tempered Clear Insulated Glass, Add</i>	185.12	
08 52 16 00-0255	EA 62-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,150.09	76.21
	<i>For Tempered Clear Insulated Glass, Add</i>	199.53	
08 52 16 00-0256	EA 71-5/8" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,281.68	81.45
	<i>For Tempered Clear Insulated Glass, Add</i>	223.75	
08 52 16 00-0257	40-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0241)</small>		
08 52 16 00-0258	EA 33-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	821.84	62.25
	<i>For Tempered Clear Insulated Glass, Add</i>	139.47	
08 52 16 00-0259	EA 40-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	919.40	66.33
	<i>For Tempered Clear Insulated Glass, Add</i>	157.35	
08 52 16 00-0260	EA 48" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,021.28	70.98
	<i>For Tempered Clear Insulated Glass, Add</i>	175.86	
08 52 16 00-0261	EA 56-1/2" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,139.14	75.64
	<i>For Tempered Clear Insulated Glass, Add</i>	197.57	
08 52 16 00-0262	EA 62-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,226.64	79.12
	<i>For Tempered Clear Insulated Glass, Add</i>	213.68	
08 52 16 00-0263	EA 71-5/8" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,593.98	84.36
	<i>For Tempered Clear Insulated Glass, Add</i>	285.05	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 52 16 00-0264			48" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0241)</small>		
08 52 16 00-0265	EA		33-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	922.14	66.91
			<i>For Tempered Clear Insulated Glass, Add</i>	157.67	
08 52 16 00-0266	EA		40-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,021.28	70.98
			<i>For Tempered Clear Insulated Glass, Add</i>	175.86	
08 52 16 00-0267	EA		48" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,123.18	75.64
			<i>For Tempered Clear Insulated Glass, Add</i>	194.38	
08 52 16 00-0268	EA		56-1/2" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,241.04	80.29
			<i>For Tempered Clear Insulated Glass, Add</i>	216.09	
08 52 16 00-0269	EA		62-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,324.84	83.78
			<i>For Tempered Clear Insulated Glass, Add</i>	231.46	
08 52 16 00-0270	EA		71-5/8" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,451.65	89.02
			<i>For Tempered Clear Insulated Glass, Add</i>	254.72	
08 52 16 00-0271			52-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0241)</small>		
08 52 16 00-0272	EA		33-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	989.06	69.24
			<i>For Tempered Clear Insulated Glass, Add</i>	170.12	
08 52 16 00-0273	EA		40-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,086.60	73.30
			<i>For Tempered Clear Insulated Glass, Add</i>	188.00	
08 52 16 00-0274	EA		48" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,176.64	77.97
			<i>For Tempered Clear Insulated Glass, Add</i>	204.14	
08 52 16 00-0275	EA		56-1/2" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,306.35	82.62
			<i>For Tempered Clear Insulated Glass, Add</i>	228.22	
08 52 16 00-0276	EA		62-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,394.17	86.11
			<i>For Tempered Clear Insulated Glass, Add</i>	244.39	
08 52 16 00-0277	EA		71-5/8" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,518.56	91.34
			<i>For Tempered Clear Insulated Glass, Add</i>	267.17	
08 52 16 00-0278			59-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0241)</small>		
08 52 16 00-0279	EA		33-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,088.20	73.30
			<i>For Tempered Clear Insulated Glass, Add</i>	188.32	
08 52 16 00-0280	EA		40-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,185.73	77.97
			<i>For Tempered Clear Insulated Glass, Add</i>	206.19	
08 52 16 00-0281	EA		48" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,287.63	82.62
			<i>For Tempered Clear Insulated Glass, Add</i>	224.71	
08 52 16 00-0282	EA		56-1/2" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,405.49	86.69
			<i>For Tempered Clear Insulated Glass, Add</i>	246.42	
08 52 16 00-0283	EA		62-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,493.30	90.18
			<i>For Tempered Clear Insulated Glass, Add</i>	262.59	
08 52 16 00-0284	EA		71-5/8" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,616.09	95.42
			<i>For Tempered Clear Insulated Glass, Add</i>	285.05	
08 52 16 00-0285			64-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0241)</small>		
08 52 16 00-0286	EA		33-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,156.28	76.21
			<i>For Tempered Clear Insulated Glass, Add</i>	200.77	
08 52 16 00-0287	EA		40-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,253.81	80.29
			<i>For Tempered Clear Insulated Glass, Add</i>	218.65	
08 52 16 00-0288	EA		48" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,357.30	84.94
			<i>For Tempered Clear Insulated Glass, Add</i>	237.48	
08 52 16 00-0289	EA		56-1/2" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,475.15	89.60
			<i>For Tempered Clear Insulated Glass, Add</i>	259.19	
08 52 16 00-0290			71-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0241)</small>		
08 52 16 00-0291	EA		33-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,255.41	80.29
			<i>For Tempered Clear Insulated Glass, Add</i>	218.97	
08 52 16 00-0292	EA		40-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,352.94	84.94
			<i>For Tempered Clear Insulated Glass, Add</i>	236.84	
08 52 16 00-0293	EA		48" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,454.85	89.60
			<i>For Tempered Clear Insulated Glass, Add</i>	255.36	
08 52 16 00-0294	EA		56-1/2" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,572.70	93.67
			<i>For Tempered Clear Insulated Glass, Add</i>	277.07	
08 52 16 00-0295			One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0179)</small>		
08 52 16 00-0296			24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0295)</small>		
08 52 16 00-0297	EA		71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,115.76	75.06
			<i>For Tempered Clear Insulated Glass, Add</i>	193.13	
08 52 16 00-0298	EA		84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,297.07	82.62
			<i>For Tempered Clear Insulated Glass, Add</i>	226.37	

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0299			28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0295)		
08 52 16 00-0300	EA		71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,183.65	77.38
			<i>For Tempered Clear Insulated Glass, Add</i>	205.78	
08 52 16 00-0301	EA		84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,353.12	84.94
			<i>For Tempered Clear Insulated Glass, Add</i>	236.65	
08 52 16 00-0302			35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0295)		
08 52 16 00-0303	EA		61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,139.47	75.64
			<i>For Tempered Clear Insulated Glass, Add</i>	197.64	
08 52 16 00-0304	EA		71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,284.87	81.45
			<i>For Tempered Clear Insulated Glass, Add</i>	224.39	
08 52 16 00-0305	EA		84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,464.42	89.60
			<i>For Tempered Clear Insulated Glass, Add</i>	257.28	
08 52 16 00-0306			40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0295)		
08 52 16 00-0307	EA		61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,204.29	79.12
			<i>For Tempered Clear Insulated Glass, Add</i>	209.44	
08 52 16 00-0308	EA		71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,354.54	84.36
			<i>For Tempered Clear Insulated Glass, Add</i>	237.16	
08 52 16 00-0309	EA		84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,532.49	91.93
			<i>For Tempered Clear Insulated Glass, Add</i>	269.73	
08 52 16 00-0310			48" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0295)		
08 52 16 00-0311	EA		71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,454.85	89.02
			<i>For Tempered Clear Insulated Glass, Add</i>	255.36	
08 52 16 00-0312	EA		84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,632.79	96.58
			<i>For Tempered Clear Insulated Glass, Add</i>	287.93	
08 52 16 00-0313			52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0295)		
08 52 16 00-0314	EA		71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,521.75	91.34
			<i>For Tempered Clear Insulated Glass, Add</i>	267.81	
08 52 16 00-0315	EA		84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,699.71	98.90
			<i>For Tempered Clear Insulated Glass, Add</i>	300.38	
08 52 16 00-0316			59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0295)		
08 52 16 00-0317	EA		71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,619.29	95.42
			<i>For Tempered Clear Insulated Glass, Add</i>	285.69	
08 52 16 00-0318	EA		84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,798.84	103.56
			<i>For Tempered Clear Insulated Glass, Add</i>	318.58	
08 52 16 00-0319			Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0178) Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0320			One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0319)		
08 52 16 00-0321			24-1/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0320)		
08 52 16 00-0322	EA		17" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	470.26	44.22
			<i>For Tempered Low-E Insulated Glass, Add</i>	76.60	
08 52 16 00-0323	EA		20-1/2" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	497.70	45.38
			<i>For Tempered Low-E Insulated Glass, Add</i>	81.39	
08 52 16 00-0324	EA		24-1/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	528.30	47.71
			<i>For Tempered Low-E Insulated Glass, Add</i>	86.58	
08 52 16 00-0325	EA		28-3/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	556.46	50.03
			<i>For Tempered Low-E Insulated Glass, Add</i>	91.28	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 52 16 00-0326			28-3/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0320)</small>		
08 52 16 00-0327	EA		17" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	504.85	46.55
			<i>For Tempered Low-E Insulated Glass, Add</i>	82.58	
08 52 16 00-0328	EA		20-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	532.29	47.71
			<i>For Tempered Low-E Insulated Glass, Add</i>	87.37	
08 52 16 00-0329	EA		24-1/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	562.88	50.03
			<i>For Tempered Low-E Insulated Glass, Add</i>	92.56	
08 52 16 00-0330	EA		28-3/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	577.78	52.37
			<i>For Tempered Low-E Insulated Glass, Add</i>	94.61	
08 52 16 00-0331	EA		31-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	613.44	54.69
			<i>For Tempered Low-E Insulated Glass, Add</i>	101.04	
08 52 16 00-0332			35-15/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0320)</small>		
08 52 16 00-0333	EA		17" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	566.87	50.03
			<i>For Tempered Low-E Insulated Glass, Add</i>	93.36	
08 52 16 00-0334	EA		20-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	596.30	52.37
			<i>For Tempered Low-E Insulated Glass, Add</i>	98.55	
08 52 16 00-0335	EA		24-1/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	626.90	54.11
			<i>For Tempered Low-E Insulated Glass, Add</i>	103.74	
08 52 16 00-0336	EA		28-3/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	675.45	56.43
			<i>For Tempered Low-E Insulated Glass, Add</i>	112.52	
08 52 16 00-0337	EA		31-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	721.78	58.18
			<i>For Tempered Low-E Insulated Glass, Add</i>	121.08	
08 52 16 00-0338	EA		35-15/16" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	767.06	59.34
			<i>For Tempered Low-E Insulated Glass, Add</i>	129.68	
08 52 16 00-0339			40-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0320)</small>		
08 52 16 00-0340	EA		17" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	608.61	53.52
			<i>For Tempered Low-E Insulated Glass, Add</i>	100.54	
08 52 16 00-0341	EA		20-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	636.04	54.69
			<i>For Tempered Low-E Insulated Glass, Add</i>	105.33	
08 52 16 00-0342	EA		24-1/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	666.63	57.02
			<i>For Tempered Low-E Insulated Glass, Add</i>	110.52	
08 52 16 00-0343	EA		28-3/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	737.13	59.34
			<i>For Tempered Low-E Insulated Glass, Add</i>	123.69	
08 52 16 00-0344	EA		31-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	785.69	61.67
			<i>For Tempered Low-E Insulated Glass, Add</i>	132.70	
08 52 16 00-0345	EA		35-15/16" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	831.09	64.00
			<i>For Tempered Low-E Insulated Glass, Add</i>	140.85	
08 52 16 00-0346			48" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0320)</small>		
08 52 16 00-0347	EA		17" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	667.80	58.18
			<i>For Tempered Low-E Insulated Glass, Add</i>	110.52	
08 52 16 00-0348	EA		20-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	697.22	59.34
			<i>For Tempered Low-E Insulated Glass, Add</i>	115.71	
08 52 16 00-0349	EA		24-1/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	727.83	61.67
			<i>For Tempered Low-E Insulated Glass, Add</i>	120.90	
08 52 16 00-0350	EA		28-3/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	825.25	64.00
			<i>For Tempered Low-E Insulated Glass, Add</i>	139.45	
08 52 16 00-0351	EA		31-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	863.20	66.33
			<i>For Tempered Low-E Insulated Glass, Add</i>	146.34	
08 52 16 00-0352	EA		35-15/16" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	920.21	68.65
			<i>For Tempered Low-E Insulated Glass, Add</i>	156.81	
08 52 16 00-0353			52-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0320)</small>		
08 52 16 00-0354	EA		17" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	708.37	60.51
			<i>For Tempered Low-E Insulated Glass, Add</i>	117.70	
08 52 16 00-0355	EA		20-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	735.81	61.67
			<i>For Tempered Low-E Insulated Glass, Add</i>	122.49	
08 52 16 00-0356	EA		24-1/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	766.40	64.00
			<i>For Tempered Low-E Insulated Glass, Add</i>	127.68	
08 52 16 00-0357	EA		28-3/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	886.80	66.33
			<i>For Tempered Low-E Insulated Glass, Add</i>	150.83	
08 52 16 00-0358	EA		31-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	943.62	68.65
			<i>For Tempered Low-E Insulated Glass, Add</i>	161.50	
08 52 16 00-0359	EA		35-15/16" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	980.74	70.98
			<i>For Tempered Low-E Insulated Glass, Add</i>	167.99	
08 52 16 00-0360			59-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0320)</small>		
08 52 16 00-0361	EA		17" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	766.40	64.00
			<i>For Tempered Low-E Insulated Glass, Add</i>	127.68	

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 52 16 00-0362	EA	20-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	795.83	66.33
		<i>For Tempered Low-E Insulated Glass, Add</i>	132.87	
08 52 16 00-0363	EA	24-1/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	826.42	68.07
		<i>For Tempered Low-E Insulated Glass, Add</i>	138.06	
08 52 16 00-0364	EA	28-3/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	974.75	70.40
		<i>For Tempered Low-E Insulated Glass, Add</i>	166.79	
08 52 16 00-0365	EA	31-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	1,014.92	72.15
		<i>For Tempered Low-E Insulated Glass, Add</i>	174.13	
08 52 16 00-0366	EA	35-15/16" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	1,068.69	74.47
		<i>For Tempered Low-E Insulated Glass, Add</i>	183.95	
08 52 16 00-0367 64-13/16" Height, One Operating Sash, Casement Wood Clad Windows				
(Andersen 400 Series) (08 52 16 00-0320)				
08 52 16 00-0368	EA	17" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	808.13	67.49
		<i>For Tempered Low-E Insulated Glass, Add</i>	134.86	
08 52 16 00-0369	EA	20-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	835.58	68.65
		<i>For Tempered Low-E Insulated Glass, Add</i>	139.65	
08 52 16 00-0370	EA	24-1/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	866.17	70.98
		<i>For Tempered Low-E Insulated Glass, Add</i>	144.84	
08 52 16 00-0371	EA	28-3/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	1,036.44	73.30
		<i>For Tempered Low-E Insulated Glass, Add</i>	177.96	
08 52 16 00-0372	EA	31-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	1,073.77	75.64
		<i>For Tempered Low-E Insulated Glass, Add</i>	184.73	
08 52 16 00-0373	EA	35-15/16" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	1,130.39	77.97
		<i>For Tempered Low-E Insulated Glass, Add</i>	195.13	
08 52 16 00-0374 71-7/8" Height, One Operating Sash, Casement Wood Clad Windows				
(Andersen 400 Series) (08 52 16 00-0320)				
08 52 16 00-0375	EA	17" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	866.17	70.98
		<i>For Tempered Low-E Insulated Glass, Add</i>	144.84	
08 52 16 00-0376	EA	20-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	895.60	73.30
		<i>For Tempered Low-E Insulated Glass, Add</i>	150.03	
08 52 16 00-0377	EA	24-1/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	926.19	75.06
		<i>For Tempered Low-E Insulated Glass, Add</i>	155.22	
08 52 16 00-0378	EA	28-3/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	1,124.40	77.38
		<i>For Tempered Low-E Insulated Glass, Add</i>	193.93	
08 52 16 00-0379	EA	31-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	1,170.33	79.12
		<i>For Tempered Low-E Insulated Glass, Add</i>	202.41	
08 52 16 00-0380	EA	35-15/16" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	1,218.35	81.45
		<i>For Tempered Low-E Insulated Glass, Add</i>	211.09	
08 52 16 00-0381 Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0319)				
08 52 16 00-0382 24-1/8" Height, Two Operating Sashes, Casement Wood Clad Windows				
(Andersen 400 Series) (08 52 16 00-0381)				
08 52 16 00-0383	EA	40-3/4" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	847.13	57.02
		<i>For Tempered Low-E Insulated Glass, Add</i>	146.62	
08 52 16 00-0384	EA	48" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	964.50	61.67
		<i>For Tempered Low-E Insulated Glass, Add</i>	168.23	
08 52 16 00-0385	EA	56-1/2" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,100.66	66.33
		<i>For Tempered Low-E Insulated Glass, Add</i>	193.60	
08 52 16 00-0386 28-3/8" Height, Two Operating Sashes, Casement Wood Clad Windows				
(Andersen 400 Series) (08 52 16 00-0381)				
08 52 16 00-0387	EA	40-3/4" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	915.10	59.34
		<i>For Tempered Low-E Insulated Glass, Add</i>	159.28	
08 52 16 00-0388	EA	48" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,032.48	64.00
		<i>For Tempered Low-E Insulated Glass, Add</i>	180.90	
08 52 16 00-0389	EA	56-1/2" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,168.63	68.65
		<i>For Tempered Low-E Insulated Glass, Add</i>	206.26	
08 52 16 00-0390 35-15/16" Height, Two Operating Sashes, Casement Wood Clad Windows				
(Andersen 400 Series) (08 52 16 00-0381)				
08 52 16 00-0391	EA	33-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	906.61	59.34
		<i>For Tempered Low-E Insulated Glass, Add</i>	157.59	
08 52 16 00-0392	EA	40-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,026.52	64.00
		<i>For Tempered Low-E Insulated Glass, Add</i>	179.94	
08 52 16 00-0393	EA	48" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,151.55	68.65
		<i>For Tempered Low-E Insulated Glass, Add</i>	203.08	
08 52 16 00-0394	EA	56-1/2" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,296.55	72.73
		<i>For Tempered Low-E Insulated Glass, Add</i>	230.22	
08 52 16 00-0395	EA	62-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,393.58	76.21
		<i>For Tempered Low-E Insulated Glass, Add</i>	248.23	
08 52 16 00-0396	EA	71-5/8" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,555.45	81.45
		<i>For Tempered Low-E Insulated Glass, Add</i>	278.51	
08 52 16 00-0397 40-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows				
(Andersen 400 Series) (08 52 16 00-0381)				

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0398	EA		33-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	990.25 173.15	62.25
08 52 16 00-0399	EA		40-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,110.16 195.50	66.33
08 52 16 00-0400	EA		48" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,235.19 218.65	70.98
08 52 16 00-0401	EA		56-1/2" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,380.19 245.78	75.64
08 52 16 00-0402	EA		62-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,487.81 265.91	79.12
08 52 16 00-0403	EA		71-5/8" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,944.38 355.13	84.36
08 52 16 00-0404 48" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0381)					
08 52 16 00-0405	EA		33-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,113.30 195.90	66.91
08 52 16 00-0406	EA		40-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,235.19 218.65	70.98
08 52 16 00-0407	EA		48" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,360.23 241.79	75.64
08 52 16 00-0408	EA		56-1/2" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,505.23 268.93	80.29
08 52 16 00-0409	EA		62-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,608.24 288.14	83.78
08 52 16 00-0410	EA		71-5/8" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,764.13 317.22	89.02
08 52 16 00-0411 52-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0381)					
08 52 16 00-0412	EA		33-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,195.78 211.46	69.24
08 52 16 00-0413	EA		40-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,315.68 233.81	73.30
08 52 16 00-0414	EA		48" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,428.86 254.59	77.97
08 52 16 00-0415	EA		56-1/2" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,585.71 284.10	82.62
08 52 16 00-0416	EA		62-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,693.73 304.30	86.11
08 52 16 00-0417	EA		71-5/8" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,846.60 332.78	91.34
08 52 16 00-0418 59-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0381)					
08 52 16 00-0419	EA		33-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,317.67 234.21	73.30
08 52 16 00-0420	EA		40-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,437.55 256.56	77.97
08 52 16 00-0421	EA		48" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,562.60 279.71	82.62
08 52 16 00-0422	EA		56-1/2" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,707.59 306.84	86.69
08 52 16 00-0423	EA		62-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,815.61 327.05	90.18
08 52 16 00-0424	EA		71-5/8" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,966.49 355.13	95.42
08 52 16 00-0425 64-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0381)					
08 52 16 00-0426	EA		33-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,401.31 249.77	76.21
08 52 16 00-0427	EA		40-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,521.19 272.12	80.29
08 52 16 00-0428	EA		48" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,648.23 295.67	84.94
08 52 16 00-0429	EA		56-1/2" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,793.22 322.81	89.60
08 52 16 00-0430 71-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0381)					
08 52 16 00-0431	EA		33-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,523.19 272.52	80.29
08 52 16 00-0432	EA		40-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,643.07 294.87	84.94
08 52 16 00-0433	EA		48" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,768.12 318.02	89.60
08 52 16 00-0434	EA		56-1/2" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,913.11 345.15	93.67

08 Openings

08 50 Windows

08 52 Wood Windows

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 52 16 00-0435		One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0319)		
08 52 16 00-0436		24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0435)		
08 52 16 00-0437	EA	71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,354.21	75.06
		For Tempered Low-E Insulated Glass, Add	240.82	
08 52 16 00-0438	EA	84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,574.11	82.62
		For Tempered Low-E Insulated Glass, Add	281.78	
08 52 16 00-0439		28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0435)		
08 52 16 00-0440	EA	71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,434.95	77.38
		For Tempered Low-E Insulated Glass, Add	256.04	
08 52 16 00-0441	EA	84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,643.00	84.94
		For Tempered Low-E Insulated Glass, Add	294.62	
08 52 16 00-0442		35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0435)		
08 52 16 00-0443	EA	61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,380.59	75.64
		For Tempered Low-E Insulated Glass, Add	245.86	
08 52 16 00-0444	EA	71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,559.44	81.45
		For Tempered Low-E Insulated Glass, Add	279.31	
08 52 16 00-0445	EA	84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,780.10	89.60
		For Tempered Low-E Insulated Glass, Add	320.41	
08 52 16 00-0446		40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0435)		
08 52 16 00-0447	EA	61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,460.17	79.12
		For Tempered Low-E Insulated Glass, Add	260.62	
08 52 16 00-0448	EA	71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,645.07	84.36
		For Tempered Low-E Insulated Glass, Add	295.27	
08 52 16 00-0449	EA	84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,863.73	91.93
		For Tempered Low-E Insulated Glass, Add	335.98	
08 52 16 00-0450		48" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0435)		
08 52 16 00-0451	EA	71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,768.12	89.02
		For Tempered Low-E Insulated Glass, Add	318.02	
08 52 16 00-0452	EA	84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,986.77	96.58
		For Tempered Low-E Insulated Glass, Add	358.72	
08 52 16 00-0453		52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0435)		
08 52 16 00-0454	EA	71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,850.59	91.34
		For Tempered Low-E Insulated Glass, Add	333.58	
08 52 16 00-0455	EA	84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,069.26	98.90
		For Tempered Low-E Insulated Glass, Add	374.29	
08 52 16 00-0456		59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0435)		
08 52 16 00-0457	EA	71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,970.48	95.42
		For Tempered Low-E Insulated Glass, Add	355.93	
08 52 16 00-0458	EA	84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,191.13	103.56
		For Tempered Low-E Insulated Glass, Add	397.03	
08 52 16 00-0459		Awning Wood Clad Windows (08 52 16)		
		Note: Awning windows are hinged at the top of the frame and swing outward with a crank or push out operation.		
08 52 16 00-0460		Awning Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0459)		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 52 16 00-0461			Venting, Awning Wood Clad Windows (Andersen 200 Series) ^(08 52 16 00-0460)		
08 52 16 00-0462			17" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) ^(08 52 16 00-0461)		
08 52 16 00-0463	EA		24-1/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	428.87 66.69	47.71
08 52 16 00-0464	EA		28-3/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	459.06 71.80	50.03
08 52 16 00-0465	EA		31-1/2" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	483.77 76.04	51.78
08 52 16 00-0466	EA		35-15/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	515.10 81.38	54.11
08 52 16 00-0467	EA		40-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	551.24 87.44	57.02
08 52 16 00-0468	EA		48" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	606.85 96.70	61.67
08 52 16 00-0469	EA		52-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	641.83 102.77	64.00
08 52 16 00-0470	EA		59-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	693.07 111.39	68.65
08 52 16 00-0471	EA		64-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	712.55 114.12	70.98
08 52 16 00-0472	EA		71-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	763.25 122.63	75.06
08 52 16 00-0473			20-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) ^(08 52 16 00-0461)		
08 52 16 00-0474	EA		24-1/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	452.29 70.68	50.03
08 52 16 00-0475	EA		28-3/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	484.90 76.27	52.37
08 52 16 00-0476	EA		31-1/2" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	506.22 79.83	53.52
08 52 16 00-0477	EA		35-15/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	540.94 85.85	55.85
08 52 16 00-0478	EA		40-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	577.09 91.91	59.34
08 52 16 00-0479	EA		48" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	631.09 100.85	63.42
08 52 16 00-0480	EA		52-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	666.07 106.92	66.33
08 52 16 00-0481	EA		59-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	718.91 115.86	69.82
08 52 16 00-0482	EA		64-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	736.53 118.22	73.30
08 52 16 00-0483	EA		71-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	788.80 127.04	76.80
08 52 16 00-0484	EA		84-5/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,209.34 208.12	84.94
08 52 16 00-0485			24-1/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) ^(08 52 16 00-0461)		
08 52 16 00-0486	EA		24-1/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	481.71 75.63	52.37
08 52 16 00-0487	EA		28-3/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	511.91 80.74	54.69
08 52 16 00-0488	EA		31-1/2" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	532.53 84.16	55.85
08 52 16 00-0489	EA		35-15/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	567.94 90.32	58.18
08 52 16 00-0490	EA		40-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	604.09 96.38	61.67
08 52 16 00-0491	EA		48" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	659.69 105.64	65.74
08 52 16 00-0492	EA		52-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	694.67 111.71	68.65
08 52 16 00-0493	EA		59-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	747.52 120.65	72.15
08 52 16 00-0494	EA		64-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	763.25 122.63	75.64
08 52 16 00-0495	EA		71-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	813.90 131.13	79.12
08 52 16 00-0496	EA		84-5/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,272.21 219.77	87.27
08 52 16 00-0497			28-3/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) ^(08 52 16 00-0461)		
08 52 16 00-0498	EA		24-1/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	481.58 74.67	54.69
08 52 16 00-0499	EA		28-3/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	527.73 82.97	57.02
08 52 16 00-0500	EA		31-1/2" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	557.49 88.23	58.18

08 Openings**08 50 Windows****08 52 Wood Windows**
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08 52 16 00-0501	EA	35-15/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	612.50	60.51
		<i>For Tempered Clear Insulated Glass, Add</i>	98.30	
08 52 16 00-0502	EA	40-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	667.81	64.00
		<i>For Tempered Clear Insulated Glass, Add</i>	108.19	
08 52 16 00-0503	EA	48" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	748.94	68.07
		<i>For Tempered Clear Insulated Glass, Add</i>	122.56	
08 52 16 00-0504	EA	52-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	801.49	70.98
		<i>For Tempered Clear Insulated Glass, Add</i>	132.14	
08 52 16 00-0505	EA	59-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	881.47	74.47
		<i>For Tempered Clear Insulated Glass, Add</i>	146.51	
08 52 16 00-0506	EA	64-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	911.33	77.97
		<i>For Tempered Clear Insulated Glass, Add</i>	151.31	
08 52 16 00-0507	EA	71-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	988.83	81.45
		<i>For Tempered Clear Insulated Glass, Add</i>	165.18	
08 52 16 00-0508	EA	84-5/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,306.78	89.60
		<i>For Tempered Clear Insulated Glass, Add</i>	225.75	
08 52 16 00-0509 31-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0461)				
08 52 16 00-0510	EA	28-3/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	557.49	58.18
		<i>For Tempered Clear Insulated Glass, Add</i>	88.23	
08 52 16 00-0511	EA	31-1/2" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	589.41	59.93
		<i>For Tempered Clear Insulated Glass, Add</i>	93.91	
08 52 16 00-0512	EA	35-15/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	633.32	62.25
		<i>For Tempered Clear Insulated Glass, Add</i>	101.76	
08 52 16 00-0513	EA	40-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	682.46	65.16
		<i>For Tempered Clear Insulated Glass, Add</i>	110.43	
08 52 16 00-0514	EA	48" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	754.05	69.82
		<i>For Tempered Clear Insulated Glass, Add</i>	122.88	
08 52 16 00-0515	EA	52-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	803.39	72.15
		<i>For Tempered Clear Insulated Glass, Add</i>	131.82	
08 52 16 00-0516	EA	59-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	873.81	76.80
		<i>For Tempered Clear Insulated Glass, Add</i>	144.27	
08 52 16 00-0517	EA	64-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	922.96	79.12
		<i>For Tempered Clear Insulated Glass, Add</i>	152.94	
08 52 16 00-0518	EA	71-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	994.73	83.20
		<i>For Tempered Clear Insulated Glass, Add</i>	165.67	
08 52 16 00-0519	EA	84-5/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,392.58	90.76
		<i>For Tempered Clear Insulated Glass, Add</i>	242.21	
08 52 16 00-0520 35-15/16" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0461)				
08 52 16 00-0521	EA	31-1/2" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	633.32	62.25
		<i>For Tempered Clear Insulated Glass, Add</i>	101.76	
08 52 16 00-0522	EA	35-15/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	695.67	64.58
		<i>For Tempered Clear Insulated Glass, Add</i>	113.30	
08 52 16 00-0523	EA	40-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	750.98	67.49
		<i>For Tempered Clear Insulated Glass, Add</i>	123.20	
08 52 16 00-0524	EA	48" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	832.12	72.15
		<i>For Tempered Clear Insulated Glass, Add</i>	137.57	
08 52 16 00-0525	EA	52-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	886.26	74.47
		<i>For Tempered Clear Insulated Glass, Add</i>	147.46	
08 52 16 00-0526	EA	59-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	964.65	79.12
		<i>For Tempered Clear Insulated Glass, Add</i>	161.51	
08 52 16 00-0527	EA	64-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	845.41	81.45
		<i>For Tempered Clear Insulated Glass, Add</i>	136.50	
08 52 16 00-0528	EA	71-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	907.13	85.53
		<i>For Tempered Clear Insulated Glass, Add</i>	147.22	
08 52 16 00-0529 40-3/4" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0461)				
08 52 16 00-0530	EA	35-15/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 200 Series)	741.40	67.49
		<i>For Tempered Clear Insulated Glass, Add</i>	121.28	
08 52 16 00-0531	EA	40-13/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 200 Series)	833.42	70.98
		<i>For Tempered Clear Insulated Glass, Add</i>	138.52	
08 52 16 00-0532 48" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0461)				
08 52 16 00-0533	EA	35-15/16" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)	880.01	72.15
		<i>For Tempered Clear Insulated Glass, Add</i>	147.14	
08 52 16 00-0534	EA	40-13/16" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)	973.62	75.64
		<i>For Tempered Clear Insulated Glass, Add</i>	164.70	
08 52 16 00-0535	EA	48" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,110.63	79.71
		<i>For Tempered Clear Insulated Glass, Add</i>	190.24	
08 52 16 00-0536 59-13/16" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0461)				
08 52 16 00-0537	EA	35-15/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,087.22	78.55
		<i>For Tempered Clear Insulated Glass, Add</i>	186.03	
08 52 16 00-0538	EA	40-13/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,169.28	81.45
		<i>For Tempered Clear Insulated Glass, Add</i>	201.27	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 52 16 00-0539			71-7/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0461)</small>		
08 52 16 00-0540	EA		24-1/8" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,187.50	79.12
			<i>For Tempered Clear Insulated Glass, Add</i>	205.85	
08 52 16 00-0541	EA		35-15/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,229.39	85.53
			<i>For Tempered Clear Insulated Glass, Add</i>	211.67	
08 52 16 00-0542	EA		40-13/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,359.24	88.43
			<i>For Tempered Clear Insulated Glass, Add</i>	236.47	
08 52 16 00-0543	EA		48" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,492.27	93.09
			<i>For Tempered Clear Insulated Glass, Add</i>	261.22	
08 52 16 00-0544			Stationary, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0460)</small>		
08 52 16 00-0545			17" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0544)</small>		
08 52 16 00-0546	EA		24-1/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	379.38	47.71
			<i>For Tempered Clear Insulated Glass, Add</i>	56.79	
08 52 16 00-0547	EA		28-3/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	407.98	50.03
			<i>For Tempered Clear Insulated Glass, Add</i>	61.58	
08 52 16 00-0548	EA		31-1/2" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	426.91	51.78
			<i>For Tempered Clear Insulated Glass, Add</i>	64.67	
08 52 16 00-0549	EA		35-15/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	457.63	54.11
			<i>For Tempered Clear Insulated Glass, Add</i>	69.88	
08 52 16 00-0550	EA		40-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	490.58	57.02
			<i>For Tempered Clear Insulated Glass, Add</i>	75.31	
08 52 16 00-0551	EA		48" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	541.40	61.67
			<i>For Tempered Clear Insulated Glass, Add</i>	83.61	
08 52 16 00-0552	EA		52-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	571.59	64.00
			<i>For Tempered Clear Insulated Glass, Add</i>	88.72	
08 52 16 00-0553	EA		59-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	619.64	68.65
			<i>For Tempered Clear Insulated Glass, Add</i>	96.70	
08 52 16 00-0554	EA		64-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	652.60	70.98
			<i>For Tempered Clear Insulated Glass, Add</i>	102.13	
08 52 16 00-0555	EA		71-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	700.65	75.06
			<i>For Tempered Clear Insulated Glass, Add</i>	110.11	
08 52 16 00-0556			20-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0544)</small>		
08 52 16 00-0557	EA		24-1/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	402.02	50.03
			<i>For Tempered Clear Insulated Glass, Add</i>	60.62	
08 52 16 00-0558	EA		28-3/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	430.62	52.37
			<i>For Tempered Clear Insulated Glass, Add</i>	65.41	
08 52 16 00-0559	EA		31-1/2" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	448.01	53.52
			<i>For Tempered Clear Insulated Glass, Add</i>	68.19	
08 52 16 00-0560	EA		35-15/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	481.87	55.85
			<i>For Tempered Clear Insulated Glass, Add</i>	74.03	
08 52 16 00-0561	EA		40-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	514.83	59.34
			<i>For Tempered Clear Insulated Glass, Add</i>	79.46	
08 52 16 00-0562	EA		48" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	564.05	63.42
			<i>For Tempered Clear Insulated Glass, Add</i>	87.44	
08 52 16 00-0563	EA		52-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	595.84	66.33
			<i>For Tempered Clear Insulated Glass, Add</i>	92.87	
08 52 16 00-0564	EA		59-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	642.29	69.82
			<i>For Tempered Clear Insulated Glass, Add</i>	100.53	
08 52 16 00-0565	EA		64-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	676.84	73.30
			<i>For Tempered Clear Insulated Glass, Add</i>	106.28	
08 52 16 00-0566	EA		71-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	723.29	76.80
			<i>For Tempered Clear Insulated Glass, Add</i>	113.94	
08 52 16 00-0567			24-1/8" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0544)</small>		
08 52 16 00-0568	EA		24-1/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	427.43	52.37
			<i>For Tempered Clear Insulated Glass, Add</i>	64.77	
08 52 16 00-0569	EA		28-3/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	456.04	54.69
			<i>For Tempered Clear Insulated Glass, Add</i>	69.56	
08 52 16 00-0570	EA		31-1/2" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	471.61	55.85
			<i>For Tempered Clear Insulated Glass, Add</i>	71.98	
08 52 16 00-0571	EA		35-15/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	505.68	58.18
			<i>For Tempered Clear Insulated Glass, Add</i>	77.86	
08 52 16 00-0572	EA		40-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	538.64	61.67
			<i>For Tempered Clear Insulated Glass, Add</i>	83.29	
08 52 16 00-0573	EA		48" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	587.86	65.74
			<i>For Tempered Clear Insulated Glass, Add</i>	91.27	
08 52 16 00-0574	EA		52-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	619.64	68.65
			<i>For Tempered Clear Insulated Glass, Add</i>	96.70	
08 52 16 00-0575	EA		59-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	667.70	72.15
			<i>For Tempered Clear Insulated Glass, Add</i>	104.68	
08 52 16 00-0576	EA		64-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	700.65	75.64
			<i>For Tempered Clear Insulated Glass, Add</i>	110.11	
08 52 16 00-0577	EA		71-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	748.72	79.12
			<i>For Tempered Clear Insulated Glass, Add</i>	118.09	

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 52 16 00-0578	28-3/8" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0544)</small>		
08 52 16 00-0579	EA 24-1/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	430.49	54.69
	<i>For Tempered Clear Insulated Glass, Add</i>	64.45	
08 52 16 00-0580	EA 28-3/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	468.67	57.02
	<i>For Tempered Clear Insulated Glass, Add</i>	71.16	
08 52 16 00-0581	EA 31-1/2" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	489.80	58.18
	<i>For Tempered Clear Insulated Glass, Add</i>	74.69	
08 52 16 00-0582	EA 35-15/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	510.34	60.51
	<i>For Tempered Clear Insulated Glass, Add</i>	77.86	
08 52 16 00-0583	EA 40-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	581.61	64.00
	<i>For Tempered Clear Insulated Glass, Add</i>	90.95	
08 52 16 00-0584	EA 48" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	646.78	68.07
	<i>For Tempered Clear Insulated Glass, Add</i>	102.13	
08 52 16 00-0585	EA 52-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	689.75	70.98
	<i>For Tempered Clear Insulated Glass, Add</i>	109.79	
08 52 16 00-0586	EA 59-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	753.76	74.47
	<i>For Tempered Clear Insulated Glass, Add</i>	120.96	
08 52 16 00-0587	EA 64-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	799.49	77.97
	<i>For Tempered Clear Insulated Glass, Add</i>	128.95	
08 52 16 00-0588	EA 71-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	863.51	81.45
	<i>For Tempered Clear Insulated Glass, Add</i>	140.12	
08 52 16 00-0589	31-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0544)</small>		
08 52 16 00-0590	EA 28-3/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	489.80	58.18
	<i>For Tempered Clear Insulated Glass, Add</i>	74.69	
08 52 16 00-0591	EA 31-1/2" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	516.30	59.93
	<i>For Tempered Clear Insulated Glass, Add</i>	79.29	
08 52 16 00-0592	EA 35-15/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	552.09	62.25
	<i>For Tempered Clear Insulated Glass, Add</i>	85.52	
08 52 16 00-0593	EA 40-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	593.11	65.16
	<i>For Tempered Clear Insulated Glass, Add</i>	92.56	
08 52 16 00-0594	EA 48" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	652.51	69.82
	<i>For Tempered Clear Insulated Glass, Add</i>	102.58	
08 52 16 00-0595	EA 52-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	692.37	72.15
	<i>For Tempered Clear Insulated Glass, Add</i>	109.62	
08 52 16 00-0596	EA 59-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	750.61	76.80
	<i>For Tempered Clear Insulated Glass, Add</i>	119.63	
08 52 16 00-0597	EA 64-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	790.28	79.12
	<i>For Tempered Clear Insulated Glass, Add</i>	126.40	
08 52 16 00-0598	EA 71-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	848.51	83.20
	<i>For Tempered Clear Insulated Glass, Add</i>	136.42	
08 52 16 00-0599	35-15/16" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0544)</small>		
08 52 16 00-0600	EA 31-1/2" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	552.09	62.25
	<i>For Tempered Clear Insulated Glass, Add</i>	85.52	
08 52 16 00-0601	EA 35-15/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	604.68	64.58
	<i>For Tempered Clear Insulated Glass, Add</i>	95.10	
08 52 16 00-0602	EA 40-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	648.81	67.49
	<i>For Tempered Clear Insulated Glass, Add</i>	102.77	
08 52 16 00-0603	EA 48" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	715.59	72.15
	<i>For Tempered Clear Insulated Glass, Add</i>	114.26	
08 52 16 00-0604	EA 52-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	758.55	74.47
	<i>For Tempered Clear Insulated Glass, Add</i>	121.92	
08 52 16 00-0605	EA 59-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	822.57	79.12
	<i>For Tempered Clear Insulated Glass, Add</i>	133.10	
08 52 16 00-0606	EA 64-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	866.70	81.45
	<i>For Tempered Clear Insulated Glass, Add</i>	140.76	
08 52 16 00-0607	EA 71-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	930.72	85.53
	<i>For Tempered Clear Insulated Glass, Add</i>	151.93	
08 52 16 00-0608	Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0459)</small>		
	Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0609	Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0608)</small>		
08 52 16 00-0610	17" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0609)</small>		
08 52 16 00-0611	EA 24-1/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series).....	507.89	47.71
	<i>For Tempered Low-E Insulated Glass, Add</i>	82.49	
08 52 16 00-0612	EA 28-3/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series).....	544.46	50.03
	<i>For Tempered Low-E Insulated Glass, Add</i>	88.88	
08 52 16 00-0613	EA 31-1/2" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series).....	574.47	51.78
	<i>For Tempered Low-E Insulated Glass, Add</i>	94.18	
08 52 16 00-0614	EA 35-15/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series).....	612.47	54.11
	<i>For Tempered Low-E Insulated Glass, Add</i>	100.85	
08 52 16 00-0615	EA 40-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series).....	656.20	57.02
	<i>For Tempered Low-E Insulated Glass, Add</i>	108.43	
08 52 16 00-0616	EA 48" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series).....	723.38	61.67
	<i>For Tempered Low-E Insulated Glass, Add</i>	120.01	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0617	EA		52-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series).....	765.95	64.00
			<i>For Tempered Low-E Insulated Glass, Add</i>	127.59	
08 52 16 00-0618	EA		59-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series).....	827.96	68.65
			<i>For Tempered Low-E Insulated Glass, Add</i>	138.36	
08 52 16 00-0619	EA		64-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series).....	850.86	70.98
			<i>For Tempered Low-E Insulated Glass, Add</i>	141.78	
08 52 16 00-0620	EA		71-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series).....	912.19	75.06
			<i>For Tempered Low-E Insulated Glass, Add</i>	152.42	
08 52 16 00-0621			20-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0609)</small>		
08 52 16 00-0622	EA		24-1/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series).....	536.30	50.03
			<i>For Tempered Low-E Insulated Glass, Add</i>	87.48	
08 52 16 00-0623	EA		28-3/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series).....	575.89	52.37
			<i>For Tempered Low-E Insulated Glass, Add</i>	94.47	
08 52 16 00-0624	EA		31-1/2" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series).....	601.67	53.52
			<i>For Tempered Low-E Insulated Glass, Add</i>	98.92	
08 52 16 00-0625	EA		35-15/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series).....	643.90	55.85
			<i>For Tempered Low-E Insulated Glass, Add</i>	106.44	
08 52 16 00-0626	EA		40-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series).....	687.63	59.34
			<i>For Tempered Low-E Insulated Glass, Add</i>	114.02	
08 52 16 00-0627	EA		48" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series).....	752.81	63.42
			<i>For Tempered Low-E Insulated Glass, Add</i>	125.19	
08 52 16 00-0628	EA		52-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series).....	795.38	66.33
			<i>For Tempered Low-E Insulated Glass, Add</i>	132.78	
08 52 16 00-0629	EA		59-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series).....	859.39	69.82
			<i>For Tempered Low-E Insulated Glass, Add</i>	143.95	
08 52 16 00-0630	EA		64-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series).....	879.96	73.30
			<i>For Tempered Low-E Insulated Glass, Add</i>	146.90	
08 52 16 00-0631	EA		71-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series).....	943.26	76.80
			<i>For Tempered Low-E Insulated Glass, Add</i>	157.93	
08 52 16 00-0632	EA		84-5/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series).....	1,465.15	84.94
			<i>For Tempered Low-E Insulated Glass, Add</i>	259.29	
08 52 16 00-0633			24-1/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0609)</small>		
08 52 16 00-0634	EA		24-1/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series).....	571.90	52.37
			<i>For Tempered Low-E Insulated Glass, Add</i>	93.67	
08 52 16 00-0635	EA		28-3/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series).....	608.48	54.69
			<i>For Tempered Low-E Insulated Glass, Add</i>	100.05	
08 52 16 00-0636	EA		31-1/2" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series).....	633.39	55.85
			<i>For Tempered Low-E Insulated Glass, Add</i>	104.34	
08 52 16 00-0637	EA		35-15/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series).....	676.49	58.18
			<i>For Tempered Low-E Insulated Glass, Add</i>	112.03	
08 52 16 00-0638	EA		40-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series).....	720.22	61.67
			<i>For Tempered Low-E Insulated Glass, Add</i>	119.61	
08 52 16 00-0639	EA		48" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series).....	787.39	65.74
			<i>For Tempered Low-E Insulated Glass, Add</i>	131.18	
08 52 16 00-0640	EA		52-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series).....	829.96	68.65
			<i>For Tempered Low-E Insulated Glass, Add</i>	138.76	
08 52 16 00-0641	EA		59-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series).....	893.98	72.15
			<i>For Tempered Low-E Insulated Glass, Add</i>	149.94	
08 52 16 00-0642	EA		64-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series).....	912.19	75.64
			<i>For Tempered Low-E Insulated Glass, Add</i>	152.42	
08 52 16 00-0643	EA		71-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series).....	973.47	79.12
			<i>For Tempered Low-E Insulated Glass, Add</i>	163.04	
08 52 16 00-0644	EA		84-5/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series).....	1,542.58	87.27
			<i>For Tempered Low-E Insulated Glass, Add</i>	273.84	
08 52 16 00-0645			28-3/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0609)</small>		
08 52 16 00-0646	EA		24-1/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series).....	570.57	54.69
			<i>For Tempered Low-E Insulated Glass, Add</i>	92.47	
08 52 16 00-0647	EA		28-3/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series).....	627.10	57.02
			<i>For Tempered Low-E Insulated Glass, Add</i>	102.85	
08 52 16 00-0648	EA		31-1/2" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series).....	663.43	58.18
			<i>For Tempered Low-E Insulated Glass, Add</i>	109.41	
08 52 16 00-0649	EA		35-15/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series).....	731.03	60.51
			<i>For Tempered Low-E Insulated Glass, Add</i>	122.00	
08 52 16 00-0650	EA		40-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series).....	798.71	64.00
			<i>For Tempered Low-E Insulated Glass, Add</i>	134.37	
08 52 16 00-0651	EA		48" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series).....	897.80	68.07
			<i>For Tempered Low-E Insulated Glass, Add</i>	152.33	
08 52 16 00-0652	EA		52-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series).....	962.32	70.98
			<i>For Tempered Low-E Insulated Glass, Add</i>	164.30	
08 52 16 00-0653	EA		59-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series).....	1,060.26	74.47
			<i>For Tempered Low-E Insulated Glass, Add</i>	182.26	
08 52 16 00-0654	EA		64-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series).....	1,096.13	77.97
			<i>For Tempered Low-E Insulated Glass, Add</i>	188.27	
08 52 16 00-0655	EA		71-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series).....	1,364.75	81.45
			<i>For Tempered Low-E Insulated Glass, Add</i>	240.37	
08 52 16 00-0656	EA		84-5/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series).....	1,584.62	89.60
			<i>For Tempered Low-E Insulated Glass, Add</i>	281.32	

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0657			31-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0609)</small>		
08 52 16 00-0658	EA		28-3/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series).....	663.43	58.18
			<i>For Tempered Low-E Insulated Glass, Add</i>	109.41	
08 52 16 00-0659	EA		31-1/2" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series).....	702.46	59.93
			<i>For Tempered Low-E Insulated Glass, Add</i>	116.52	
08 52 16 00-0660	EA		35-15/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series).....	756.18	62.25
			<i>For Tempered Low-E Insulated Glass, Add</i>	126.34	
08 52 16 00-0661	EA		40-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series).....	816.16	65.16
			<i>For Tempered Low-E Insulated Glass, Add</i>	137.17	
08 52 16 00-0662	EA		48" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series).....	903.31	69.82
			<i>For Tempered Low-E Insulated Glass, Add</i>	152.74	
08 52 16 00-0663	EA		52-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series).....	963.82	72.15
			<i>For Tempered Low-E Insulated Glass, Add</i>	163.91	
08 52 16 00-0664	EA		59-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series).....	1,049.81	76.80
			<i>For Tempered Low-E Insulated Glass, Add</i>	179.47	
08 52 16 00-0665	EA		64-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series).....	1,109.79	79.12
			<i>For Tempered Low-E Insulated Glass, Add</i>	190.31	
08 52 16 00-0666	EA		71-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series).....	1,197.46	83.20
			<i>For Tempered Low-E Insulated Glass, Add</i>	206.21	
08 52 16 00-0667	EA		84-5/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series).....	1,691.00	90.76
			<i>For Tempered Low-E Insulated Glass, Add</i>	301.90	
08 52 16 00-0668			35-15/16" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0609)</small>		
08 52 16 00-0669	EA		31-1/2" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series).....	756.18	62.25
			<i>For Tempered Low-E Insulated Glass, Add</i>	126.34	
08 52 16 00-0670	EA		35-15/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series).....	832.95	64.58
			<i>For Tempered Low-E Insulated Glass, Add</i>	140.76	
08 52 16 00-0671	EA		40-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series).....	900.63	67.49
			<i>For Tempered Low-E Insulated Glass, Add</i>	153.13	
08 52 16 00-0672	EA		48" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series).....	999.73	72.15
			<i>For Tempered Low-E Insulated Glass, Add</i>	171.09	
08 52 16 00-0673	EA		52-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series).....	1,066.24	74.47
			<i>For Tempered Low-E Insulated Glass, Add</i>	183.46	
08 52 16 00-0674	EA		59-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series).....	1,162.19	79.12
			<i>For Tempered Low-E Insulated Glass, Add</i>	201.02	
08 52 16 00-0675	EA		64-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series).....	1,011.69	81.45
			<i>For Tempered Low-E Insulated Glass, Add</i>	169.76	
08 52 16 00-0676	EA		71-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series).....	1,086.81	85.53
			<i>For Tempered Low-E Insulated Glass, Add</i>	183.15	
08 52 16 00-0677			40-3/4" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0609)</small>		
08 52 16 00-0678	EA		35-15/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 400 Series).....	882.84	67.49
			<i>For Tempered Low-E Insulated Glass, Add</i>	150.74	
08 52 16 00-0679	EA		40-13/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 400 Series).....	1,005.72	72.15
			<i>For Tempered Low-E Insulated Glass, Add</i>	172.29	
08 52 16 00-0680			48" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0609)</small>		
08 52 16 00-0681	EA		35-15/16" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series).....	1,059.60	72.15
			<i>For Tempered Low-E Insulated Glass, Add</i>	183.06	
08 52 16 00-0682	EA		40-13/16" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series).....	1,175.15	75.64
			<i>For Tempered Low-E Insulated Glass, Add</i>	205.01	
08 52 16 00-0683	EA		48" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series).....	1,344.10	79.71
			<i>For Tempered Low-E Insulated Glass, Add</i>	236.94	
08 52 16 00-0684			59-13/16" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0609)</small>		
08 52 16 00-0685	EA		35-15/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 400 Series).....	1,315.41	78.55
			<i>For Tempered Low-E Insulated Glass, Add</i>	231.66	
08 52 16 00-0686	EA		40-13/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 400 Series).....	1,416.52	81.45
			<i>For Tempered Low-E Insulated Glass, Add</i>	250.72	
08 52 16 00-0687			71-7/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0609)</small>		
08 52 16 00-0688	EA		24-1/8" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series).....	1,440.47	79.12
			<i>For Tempered Low-E Insulated Glass, Add</i>	256.44	
08 52 16 00-0689	EA		35-15/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series).....	1,489.63	85.53
			<i>For Tempered Low-E Insulated Glass, Add</i>	263.72	
08 52 16 00-0690	EA		40-13/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series).....	1,650.48	88.43
			<i>For Tempered Low-E Insulated Glass, Add</i>	294.72	
08 52 16 00-0691	EA		48" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series).....	1,814.45	93.09
			<i>For Tempered Low-E Insulated Glass, Add</i>	325.65	
08 52 16 00-0692			Stationary, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0609)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 52 16 00-0693 17" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series)

08 52 16 00-0694	EA		24-1/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	446.03 70.12	47.71
08 52 16 00-0695	EA		28-3/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	480.61 76.11	50.03
08 52 16 00-0696	EA		31-1/2" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	503.40 79.97	51.78
08 52 16 00-0697	EA		35-15/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	540.64 86.48	54.11
08 52 16 00-0698	EA		40-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	580.37 93.27	57.02
08 52 16 00-0699	EA		48" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	641.57 103.64	61.67
08 52 16 00-0700	EA		52-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	678.15 110.03	64.00
08 52 16 00-0701	EA		59-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	736.17 120.01	68.65
08 52 16 00-0702	EA		64-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	775.92 126.79	70.98
08 52 16 00-0703	EA		71-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	833.94 136.77	75.06

08 52 16 00-0704 20-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series)

08 52 16 00-0705	EA		24-1/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	473.45 74.91	50.03
08 52 16 00-0706	EA		28-3/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	508.04 80.90	52.37
08 52 16 00-0707	EA		31-1/2" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	528.90 84.37	53.52
08 52 16 00-0708	EA		35-15/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	570.07 91.67	55.85
08 52 16 00-0709	EA		40-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	609.81 98.46	59.34
08 52 16 00-0710	EA		48" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	669.01 108.43	63.42
08 52 16 00-0711	EA		52-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	707.58 115.22	66.33
08 52 16 00-0712	EA		59-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	763.61 124.80	69.82
08 52 16 00-0713	EA		64-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	805.35 131.98	73.30
08 52 16 00-0714	EA		71-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	861.38 141.56	76.80

08 52 16 00-0715 24-1/8" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series)

08 52 16 00-0716	EA		24-1/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	504.05 80.10	52.37
08 52 16 00-0717	EA		28-3/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	538.64 86.08	54.69
08 52 16 00-0718	EA		31-1/2" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	557.24 89.11	55.85
08 52 16 00-0719	EA		35-15/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	598.67 96.46	58.18
08 52 16 00-0720	EA		40-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	638.41 103.25	61.67
08 52 16 00-0721	EA		48" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	697.60 113.22	65.74
08 52 16 00-0722	EA		52-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	736.17 120.01	68.65
08 52 16 00-0723	EA		59-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	794.21 129.98	72.15
08 52 16 00-0724	EA		64-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	833.94 136.77	75.64
08 52 16 00-0725	EA		71-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	891.99 146.75	79.12

08 52 16 00-0726 28-3/8" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series)

08 52 16 00-0727	EA		24-1/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	506.72 79.70	54.69
08 52 16 00-0728	EA		28-3/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	553.27 88.08	57.02
08 52 16 00-0729	EA		31-1/2" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	578.81 92.49	58.18
08 52 16 00-0730	EA		35-15/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	603.33 96.46	60.51
08 52 16 00-0731	EA		40-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	690.96 112.82	64.00
08 52 16 00-0732	EA		48" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	770.10 126.79	68.07

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
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08 52 16 00-0733	EA	52-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	822.65	70.98
		<i>For Tempered Low-E Insulated Glass, Add</i>	136.37	
08 52 16 00-0734	EA	59-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	900.62	74.47
		<i>For Tempered Low-E Insulated Glass, Add</i>	150.34	
08 52 16 00-0735	EA	64-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	956.33	77.97
		<i>For Tempered Low-E Insulated Glass, Add</i>	160.31	
08 52 16 00-0736	EA	71-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	1,034.32	81.45
		<i>For Tempered Low-E Insulated Glass, Add</i>	174.28	
08 52 16 00-0737		31-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0692)</small>		
08 52 16 00-0738	EA	28-3/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	578.81	58.18
		<i>For Tempered Low-E Insulated Glass, Add</i>	92.49	
08 52 16 00-0739	EA	31-1/2" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	611.07	59.93
		<i>For Tempered Low-E Insulated Glass, Add</i>	98.24	
08 52 16 00-0740	EA	35-15/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	654.64	62.25
		<i>For Tempered Low-E Insulated Glass, Add</i>	106.03	
08 52 16 00-0741	EA	40-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	704.46	65.16
		<i>For Tempered Low-E Insulated Glass, Add</i>	114.83	
08 52 16 00-0742	EA	48" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	776.39	69.82
		<i>For Tempered Low-E Insulated Glass, Add</i>	127.35	
08 52 16 00-0743	EA	52-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	825.05	72.15
		<i>For Tempered Low-E Insulated Glass, Add</i>	136.15	
08 52 16 00-0744	EA	59-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	895.81	76.80
		<i>For Tempered Low-E Insulated Glass, Add</i>	148.67	
08 52 16 00-0745	EA	64-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	943.94	79.12
		<i>For Tempered Low-E Insulated Glass, Add</i>	157.14	
08 52 16 00-0746	EA	71-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	1,014.70	83.20
		<i>For Tempered Low-E Insulated Glass, Add</i>	169.66	
08 52 16 00-0747		35-15/16" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0692)</small>		
08 52 16 00-0748	EA	31-1/2" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	654.64	62.25
		<i>For Tempered Low-E Insulated Glass, Add</i>	106.03	
08 52 16 00-0749	EA	35-15/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	719.22	64.58
		<i>For Tempered Low-E Insulated Glass, Add</i>	118.01	
08 52 16 00-0750	EA	40-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	772.93	67.49
		<i>For Tempered Low-E Insulated Glass, Add</i>	127.59	
08 52 16 00-0751	EA	48" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	854.07	72.15
		<i>For Tempered Low-E Insulated Glass, Add</i>	141.96	
08 52 16 00-0752	EA	52-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	906.61	74.47
		<i>For Tempered Low-E Insulated Glass, Add</i>	151.53	
08 52 16 00-0753	EA	59-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	984.60	79.12
		<i>For Tempered Low-E Insulated Glass, Add</i>	165.50	
08 52 16 00-0754	EA	64-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	1,038.31	81.45
		<i>For Tempered Low-E Insulated Glass, Add</i>	175.08	
08 52 16 00-0755	EA	71-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	1,116.29	85.53
		<i>For Tempered Low-E Insulated Glass, Add</i>	189.05	
08 52 16 00-0756		Horizontal Sliding Wood Clad Windows <small>(08 52 16)</small>		
		Note: Sliding windows open horizontally with one or more operating sashes combined with stationary sashes		
08 52 16 00-0757		One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0756)</small>		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0758		17-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0757)</small>		
08 52 16 00-0759	EA	47-1/2" x 17-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	531.97	61.67
		<i>For Tempered Clear Insulated Glass, Add</i>	81.96	
08 52 16 00-0760		23-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0757)</small>		
08 52 16 00-0761	EA	35-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	489.53	57.02
		<i>For Tempered Clear Insulated Glass, Add</i>	74.87	
08 52 16 00-0762	EA	47-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	572.44	65.16
		<i>For Tempered Clear Insulated Glass, Add</i>	88.66	
08 52 16 00-0763		35-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0757)</small>		
08 52 16 00-0764	EA	35-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	572.44	65.16
		<i>For Tempered Clear Insulated Glass, Add</i>	88.66	
08 52 16 00-0765	EA	47-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	655.37	72.15
		<i>For Tempered Clear Insulated Glass, Add</i>	102.45	
08 52 16 00-0766	EA	59-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	738.28	78.55
		<i>For Tempered Clear Insulated Glass, Add</i>	116.24	
08 52 16 00-0767	EA	71-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	821.20	85.53
		<i>For Tempered Clear Insulated Glass, Add</i>	130.03	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 52 16 00-0768			41-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0757)</small>		
08 52 16 00-0769	EA		35-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	614.88	68.65
			<i>For Tempered Clear Insulated Glass, Add</i>	95.75	
08 52 16 00-0770	EA		47-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	695.83	75.64
			<i>For Tempered Clear Insulated Glass, Add</i>	109.15	
08 52 16 00-0771	EA		59-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	778.75	82.03
			<i>For Tempered Clear Insulated Glass, Add</i>	122.94	
08 52 16 00-0772	EA		71-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	930.63	89.02
			<i>For Tempered Clear Insulated Glass, Add</i>	150.52	
08 52 16 00-0773			47-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0757)</small>		
08 52 16 00-0774	EA		35-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	655.37	72.15
			<i>For Tempered Clear Insulated Glass, Add</i>	102.45	
08 52 16 00-0775	EA		47-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	738.28	79.12
			<i>For Tempered Clear Insulated Glass, Add</i>	116.24	
08 52 16 00-0776	EA		59-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	821.20	85.53
			<i>For Tempered Clear Insulated Glass, Add</i>	130.03	
08 52 16 00-0777	EA		71-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	904.11	92.51
			<i>For Tempered Clear Insulated Glass, Add</i>	143.82	
08 52 16 00-0778			53-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0757)</small>		
08 52 16 00-0779	EA		47-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	778.75	82.62
			<i>For Tempered Clear Insulated Glass, Add</i>	122.94	
08 52 16 00-0780	EA		59-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	861.68	89.02
			<i>For Tempered Clear Insulated Glass, Add</i>	136.73	
08 52 16 00-0781	EA		71-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	944.59	95.99
			<i>For Tempered Clear Insulated Glass, Add</i>	150.52	
08 52 16 00-0782			59-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0757)</small>		
08 52 16 00-0783	EA		47-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	821.20	86.11
			<i>For Tempered Clear Insulated Glass, Add</i>	130.03	
08 52 16 00-0784	EA		59-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	904.11	92.51
			<i>For Tempered Clear Insulated Glass, Add</i>	143.82	
08 52 16 00-0785	EA		71-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	987.18	99.49
			<i>For Tempered Clear Insulated Glass, Add</i>	157.64	
08 52 16 00-0786			Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0756)</small>		
			Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0787			22-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0786)</small>		
08 52 16 00-0788	EA		35-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,180.84	57.02
			<i>For Tempered Low-E Insulated Glass, Add</i>	213.13	
08 52 16 00-0789	EA		47-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,405.61	65.16
			<i>For Tempered Low-E Insulated Glass, Add</i>	255.29	
08 52 16 00-0790			35-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0786)</small>		
08 52 16 00-0791	EA		35-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,423.34	65.16
			<i>For Tempered Low-E Insulated Glass, Add</i>	258.84	
08 52 16 00-0792	EA		47-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,650.08	72.15
			<i>For Tempered Low-E Insulated Glass, Add</i>	301.39	
08 52 16 00-0793	EA		59-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,874.85	78.55
			<i>For Tempered Low-E Insulated Glass, Add</i>	343.55	
08 52 16 00-0794	EA		71-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	2,099.61	85.53
			<i>For Tempered Low-E Insulated Glass, Add</i>	385.71	
08 52 16 00-0795			41-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0786)</small>		
08 52 16 00-0796	EA		35-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,536.71	68.65
			<i>For Tempered Low-E Insulated Glass, Add</i>	280.11	
08 52 16 00-0797	EA		47-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,761.47	75.64
			<i>For Tempered Low-E Insulated Glass, Add</i>	322.27	
08 52 16 00-0798	EA		59-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,988.22	82.03
			<i>For Tempered Low-E Insulated Glass, Add</i>	364.83	
08 52 16 00-0799	EA		71-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	2,212.99	89.02
			<i>For Tempered Low-E Insulated Glass, Add</i>	406.99	
08 52 16 00-0800			47-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0786)</small>		

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 52 16 00-0801	EA	35-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,650.08	72.15
		<i>For Tempered Low-E Insulated Glass, Add</i>	301.39	
08 52 16 00-0802	EA	47-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,874.85	79.12
		<i>For Tempered Low-E Insulated Glass, Add</i>	343.55	
08 52 16 00-0803	EA	59-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	2,099.61	85.53
		<i>For Tempered Low-E Insulated Glass, Add</i>	385.71	
08 52 16 00-0804	EA	71-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	2,326.35	92.51
		<i>For Tempered Low-E Insulated Glass, Add</i>	428.27	
08 52 16 00-0805		59-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0786)		
08 52 16 00-0806	EA	35-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,874.85	79.12
		<i>For Tempered Low-E Insulated Glass, Add</i>	343.55	
08 52 16 00-0807	EA	47-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	2,099.61	86.11
		<i>For Tempered Low-E Insulated Glass, Add</i>	385.71	
08 52 16 00-0808	EA	59-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	2,326.35	92.51
		<i>For Tempered Low-E Insulated Glass, Add</i>	428.27	
08 52 16 00-0809	EA	71-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	2,551.11	99.49
		<i>For Tempered Low-E Insulated Glass, Add</i>	470.43	
08 52 16 00-0810		Picture Wood Clad Windows (08 52 16)		
		Note: Picture windows are fixed windows.		
08 52 16 00-0811		Picture Wood Clad Windows For Awning And Casement Windows (08 52 16 00-0810)		
08 52 16 00-0812		Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08 52 16 00-0811)		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0813		12" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08 52 16 00-0812)		
08 52 16 00-0814	EA	40-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	418.19	46.55
		<i>For Tempered Clear Insulated Glass, Add</i>	65.02	
08 52 16 00-0815	EA	48" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	489.08	51.20
		<i>For Tempered Clear Insulated Glass, Add</i>	77.34	
08 52 16 00-0816	EA	52-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	519.52	53.52
		<i>For Tempered Clear Insulated Glass, Add</i>	82.49	
08 52 16 00-0817	EA	59-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	563.46	58.18
		<i>For Tempered Clear Insulated Glass, Add</i>	89.65	
08 52 16 00-0818	EA	64-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	593.63	60.51
		<i>For Tempered Clear Insulated Glass, Add</i>	94.52	
08 52 16 00-0819	EA	71-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	637.57	65.16
		<i>For Tempered Clear Insulated Glass, Add</i>	101.68	
08 52 16 00-0820		35-15/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08 52 16 00-0812)		
08 52 16 00-0821	EA	35-15/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	464.76	57.02
		<i>For Tempered Clear Insulated Glass, Add</i>	70.15	
08 52 16 00-0822	EA	40-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	536.85	60.51
		<i>For Tempered Clear Insulated Glass, Add</i>	83.40	
08 52 16 00-0823	EA	48" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	643.13	64.58
		<i>For Tempered Clear Insulated Glass, Add</i>	102.79	
08 52 16 00-0824	EA	52-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	712.44	66.91
		<i>For Tempered Clear Insulated Glass, Add</i>	115.73	
08 52 16 00-0825	EA	59-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	815.95	70.98
		<i>For Tempered Clear Insulated Glass, Add</i>	134.80	
08 52 16 00-0826	EA	64-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	888.03	73.89
		<i>For Tempered Clear Insulated Glass, Add</i>	148.05	
08 52 16 00-0827	EA	71-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	1,314.79	77.97
		<i>For Tempered Clear Insulated Glass, Add</i>	231.77	
08 52 16 00-0828		40-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08 52 16 00-0812)		
08 52 16 00-0829	EA	35-15/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	536.85	60.51
		<i>For Tempered Clear Insulated Glass, Add</i>	83.40	
08 52 16 00-0830	EA	40-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	608.94	62.84
		<i>For Tempered Clear Insulated Glass, Add</i>	96.65	
08 52 16 00-0831	EA	48" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	715.22	67.49
		<i>For Tempered Clear Insulated Glass, Add</i>	116.05	
08 52 16 00-0832	EA	52-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	784.52	69.82
		<i>For Tempered Clear Insulated Glass, Add</i>	128.98	
08 52 16 00-0833	EA	59-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	888.03	74.47
		<i>For Tempered Clear Insulated Glass, Add</i>	148.05	
08 52 16 00-0834	EA	64-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	960.11	76.80
		<i>For Tempered Clear Insulated Glass, Add</i>	161.30	
08 52 16 00-0835	EA	71-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	1,063.62	81.45
		<i>For Tempered Clear Insulated Glass, Add</i>	180.38	
08 52 16 00-0836		48" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08 52 16 00-0812)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0837	EA		35-15/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	643.13 102.79	65.16
08 52 16 00-0838	EA		40-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	715.22 116.05	67.49
08 52 16 00-0839	EA		48" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	821.51 135.44	72.15
08 52 16 00-0840	EA		52-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	890.81 148.37	74.47
08 52 16 00-0841	EA		59-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	994.32 167.45	79.12
08 52 16 00-0842	EA		64-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,066.41 180.70	81.45
08 52 16 00-0843	EA		71-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,169.91 199.77	86.11
08 52 16 00-0844			52-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) <small>(08 52 16 00-0812)</small>		
08 52 16 00-0845	EA		35-15/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	712.44 115.73	67.49
08 52 16 00-0846	EA		40-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	784.52 128.98	69.82
08 52 16 00-0847	EA		48" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	890.81 148.37	74.47
08 52 16 00-0848	EA		52-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	960.11 161.30	76.80
08 52 16 00-0849	EA		59-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,063.62 180.38	81.45
08 52 16 00-0850	EA		64-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,135.71 193.63	83.78
08 52 16 00-0851	EA		71-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,334.57 231.77	88.43
08 52 16 00-0852			59-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) <small>(08 52 16 00-0812)</small>		
08 52 16 00-0853	EA		35-15/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	815.95 134.80	70.98
08 52 16 00-0854	EA		40-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	888.03 148.05	74.47
08 52 16 00-0855	EA		48" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	994.32 167.45	78.55
08 52 16 00-0856	EA		52-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,063.62 180.38	80.87
08 52 16 00-0857	EA		59-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,167.13 199.45	84.94
08 52 16 00-0858	EA		64-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,239.21 212.70	87.85
08 52 16 00-0859	EA		71-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,342.72 231.77	91.93
08 52 16 00-0860			64-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) <small>(08 52 16 00-0812)</small>		
08 52 16 00-0861	EA		35-15/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	888.03 148.05	74.47
08 52 16 00-0862	EA		40-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	960.11 161.30	76.80
08 52 16 00-0863	EA		48" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,066.41 180.70	81.45
08 52 16 00-0864	EA		52-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,135.71 193.63	83.78
08 52 16 00-0865	EA		59-7/8" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,334.57 231.77	88.43
08 52 16 00-0866			71-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) <small>(08 52 16 00-0812)</small>		
08 52 16 00-0867	EA		35-15/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	991.53 167.12	77.97
08 52 16 00-0868	EA		40-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,063.62 180.38	81.45
08 52 16 00-0869	EA		48" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,169.91 199.77	85.53
08 52 16 00-0870	EA		52-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,239.21 212.70	87.85
08 52 16 00-0871	EA		59-7/8" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,342.72 231.77	91.93
08 52 16 00-0872			Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) <small>(08 52 16 00-0811)</small> Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 52 16 00-0873	12" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)		
08 52 16 00-0874	EA 40-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	494.44	46.55
	<i>For Tempered Low-E Insulated Glass, Add</i>	80.27	
08 52 16 00-0875	EA 48" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	579.78	51.20
	<i>For Tempered Low-E Insulated Glass, Add</i>	95.48	
08 52 16 00-0876	EA 52-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	616.27	53.52
	<i>For Tempered Low-E Insulated Glass, Add</i>	101.84	
08 52 16 00-0877	EA 59-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	668.61	58.18
	<i>For Tempered Low-E Insulated Glass, Add</i>	110.68	
08 52 16 00-0878	EA 64-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	704.48	60.51
	<i>For Tempered Low-E Insulated Glass, Add</i>	116.69	
08 52 16 00-0879	EA 71-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	756.83	65.16
	<i>For Tempered Low-E Insulated Glass, Add</i>	125.53	
08 52 16 00-0880	35-15/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)		
08 52 16 00-0881	EA 35-15/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	547.03	57.02
	<i>For Tempered Low-E Insulated Glass, Add</i>	86.60	
08 52 16 00-0882	EA 40-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	634.66	60.51
	<i>For Tempered Low-E Insulated Glass, Add</i>	102.96	
08 52 16 00-0883	EA 48" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	763.70	64.58
	<i>For Tempered Low-E Insulated Glass, Add</i>	126.91	
08 52 16 00-0884	EA 52-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	848.16	66.91
	<i>For Tempered Low-E Insulated Glass, Add</i>	142.87	
08 52 16 00-0885	EA 59-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	974.04	70.98
	<i>For Tempered Low-E Insulated Glass, Add</i>	166.42	
08 52 16 00-0886	EA 64-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	1,061.67	73.89
	<i>For Tempered Low-E Insulated Glass, Add</i>	182.78	
08 52 16 00-0887	EA 71-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	1,586.62	77.97
	<i>For Tempered Low-E Insulated Glass, Add</i>	286.14	
08 52 16 00-0888	40-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)		
08 52 16 00-0889	EA 35-15/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	634.66	60.51
	<i>For Tempered Low-E Insulated Glass, Add</i>	102.96	
08 52 16 00-0890	EA 40-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	722.29	62.84
	<i>For Tempered Low-E Insulated Glass, Add</i>	119.32	
08 52 16 00-0891	EA 48" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	851.33	67.49
	<i>For Tempered Low-E Insulated Glass, Add</i>	143.27	
08 52 16 00-0892	EA 52-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	935.79	69.82
	<i>For Tempered Low-E Insulated Glass, Add</i>	159.23	
08 52 16 00-0893	EA 59-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	1,061.67	74.47
	<i>For Tempered Low-E Insulated Glass, Add</i>	182.78	
08 52 16 00-0894	EA 64-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	1,149.29	76.80
	<i>For Tempered Low-E Insulated Glass, Add</i>	199.14	
08 52 16 00-0895	EA 71-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	1,275.17	81.45
	<i>For Tempered Low-E Insulated Glass, Add</i>	222.69	
08 52 16 00-0896	48" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)		
08 52 16 00-0897	EA 35-15/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	763.70	65.16
	<i>For Tempered Low-E Insulated Glass, Add</i>	126.91	
08 52 16 00-0898	EA 40-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	851.33	67.49
	<i>For Tempered Low-E Insulated Glass, Add</i>	143.27	
08 52 16 00-0899	EA 48" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	980.36	72.15
	<i>For Tempered Low-E Insulated Glass, Add</i>	167.21	
08 52 16 00-0900	EA 52-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	1,064.83	74.47
	<i>For Tempered Low-E Insulated Glass, Add</i>	183.18	
08 52 16 00-0901	EA 59-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	1,190.71	79.12
	<i>For Tempered Low-E Insulated Glass, Add</i>	206.72	
08 52 16 00-0902	EA 64-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	1,278.34	81.45
	<i>For Tempered Low-E Insulated Glass, Add</i>	223.09	
08 52 16 00-0903	EA 71-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	1,404.21	86.11
	<i>For Tempered Low-E Insulated Glass, Add</i>	246.63	
08 52 16 00-0904	52-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)		
08 52 16 00-0905	EA 35-15/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	848.16	67.49
	<i>For Tempered Low-E Insulated Glass, Add</i>	142.87	
08 52 16 00-0906	EA 40-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	935.79	69.82
	<i>For Tempered Low-E Insulated Glass, Add</i>	159.23	
08 52 16 00-0907	EA 48" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	1,064.83	74.47
	<i>For Tempered Low-E Insulated Glass, Add</i>	183.18	
08 52 16 00-0908	EA 52-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	1,149.29	76.80
	<i>For Tempered Low-E Insulated Glass, Add</i>	199.14	
08 52 16 00-0909	EA 59-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	1,275.17	81.45
	<i>For Tempered Low-E Insulated Glass, Add</i>	222.69	
08 52 16 00-0910	EA 64-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	1,362.80	83.78
	<i>For Tempered Low-E Insulated Glass, Add</i>	239.05	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0911	EA		71-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,606.40 286.14	88.43
08 52 16 00-0912			59-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)		
08 52 16 00-0913	EA		35-15/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	974.04 166.42	70.98
08 52 16 00-0914	EA		40-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,061.67 182.78	74.47
08 52 16 00-0915	EA		48" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,190.71 206.72	78.55
08 52 16 00-0916	EA		52-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,275.17 222.69	80.87
08 52 16 00-0917	EA		59-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,401.05 246.23	84.94
08 52 16 00-0918	EA		64-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,488.67 262.59	87.85
08 52 16 00-0919	EA		71-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,614.55 286.14	91.93
08 52 16 00-0920			64-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)		
08 52 16 00-0921	EA		35-15/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,061.67 182.78	74.47
08 52 16 00-0922	EA		40-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,149.29 199.14	76.80
08 52 16 00-0923	EA		48" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,278.34 223.09	81.45
08 52 16 00-0924	EA		52-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,362.80 239.05	83.78
08 52 16 00-0925	EA		59-7/8" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,606.40 286.14	88.43
08 52 16 00-0926			71-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)		
08 52 16 00-0927	EA		35-15/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,187.54 206.32	77.97
08 52 16 00-0928	EA		40-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,275.17 222.69	81.45
08 52 16 00-0929	EA		48" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,404.21 246.63	85.53
08 52 16 00-0930	EA		52-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,488.67 262.59	87.85
08 52 16 00-0931	EA		59-7/8" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,614.55 286.14	91.93
08 52 16 00-0932			Picture Wood Clad Windows For Double Hung Windows (08 52 16 00-0810)		
08 52 16 00-0933			Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0932) Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0934			35-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0933)		
08 52 16 00-0935	EA		56-1/2" x 35-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	596.31 90.17	72.73
08 52 16 00-0936	EA		59-1/2" x 35-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	612.18 92.65	74.47
08 52 16 00-0937			47-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0933)		
08 52 16 00-0938	EA		47-1/2" x 47-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	612.18 92.65	74.47
08 52 16 00-0939	EA		71-1/2" x 47-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	742.65 113.16	88.43
08 52 16 00-0940			53-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0933)		
08 52 16 00-0941	EA		56-1/2" x 53-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	695.05 105.73	83.20
08 52 16 00-0942	EA		59-1/2" x 53-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	710.92 108.21	84.94
08 52 16 00-0943			56-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0933)		
08 52 16 00-0944	EA		35-1/2" x 56-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	596.31 90.17	73.30

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 52 16 00-0945	EA	53-1/2" x 56-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	695.05	83.20
		<i>For Tempered Clear Insulated Glass, Add</i>	105.73	
08 52 16 00-0946		59-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0933)		
08 52 16 00-0947	EA	35-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	612.18	74.47
		<i>For Tempered Clear Insulated Glass, Add</i>	92.65	
08 52 16 00-0948	EA	53-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	710.92	84.94
		<i>For Tempered Clear Insulated Glass, Add</i>	108.21	
08 52 16 00-0949	EA	59-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	742.65	88.43
		<i>For Tempered Clear Insulated Glass, Add</i>	113.16	
08 52 16 00-0950	EA	65-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	776.15	91.93
		<i>For Tempered Clear Insulated Glass, Add</i>	118.46	
08 52 16 00-0951		65-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0933)		
08 52 16 00-0952	EA	59-1/2" x 65-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	776.15	91.93
		<i>For Tempered Clear Insulated Glass, Add</i>	118.46	
08 52 16 00-0953		71-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0933)		
08 52 16 00-0954	EA	47-1/2" x 71-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	742.65	88.43
		<i>For Tempered Clear Insulated Glass, Add</i>	113.16	
08 52 16 00-0955		Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) (08 52 16 00-0932)		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0956		48-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) (08 52 16 00-0955)		
08 52 16 00-0957	EA	12" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series).....	662.79	54.69
		<i>For Tempered Low-E Insulated Glass, Add</i>	110.68	
08 52 16 00-0958	EA	37-5/8" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series).....	925.26	69.82
		<i>For Tempered Low-E Insulated Glass, Add</i>	157.36	
08 52 16 00-0959	EA	41-5/8" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series).....	965.28	71.56
		<i>For Tempered Low-E Insulated Glass, Add</i>	164.43	
08 52 16 00-0960	EA	47-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series).....	1,025.30	75.06
		<i>For Tempered Low-E Insulated Glass, Add</i>	175.04	
08 52 16 00-0961	EA	51-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series).....	1,065.32	77.97
		<i>For Tempered Low-E Insulated Glass, Add</i>	182.11	
08 52 16 00-0962	EA	59-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series).....	1,147.12	82.03
		<i>For Tempered Low-E Insulated Glass, Add</i>	196.61	
08 52 16 00-0963	EA	67-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series).....	1,228.92	87.27
		<i>For Tempered Low-E Insulated Glass, Add</i>	211.11	
08 52 16 00-0964		52-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) (08 52 16 00-0955)		
08 52 16 00-0965	EA	12" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series).....	704.57	57.02
		<i>For Tempered Low-E Insulated Glass, Add</i>	118.11	
08 52 16 00-0966	EA	37-5/8" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series).....	965.28	72.15
		<i>For Tempered Low-E Insulated Glass, Add</i>	164.43	
08 52 16 00-0967	EA	41-5/8" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series).....	1,007.06	73.89
		<i>For Tempered Low-E Insulated Glass, Add</i>	171.86	
08 52 16 00-0968	EA	47-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series).....	1,065.32	77.38
		<i>For Tempered Low-E Insulated Glass, Add</i>	182.11	
08 52 16 00-0969	EA	51-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series).....	1,107.10	80.29
		<i>For Tempered Low-E Insulated Glass, Add</i>	189.54	
08 52 16 00-0970	EA	59-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series).....	1,188.90	84.36
		<i>For Tempered Low-E Insulated Glass, Add</i>	204.04	
08 52 16 00-0971	EA	67-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series).....	1,270.71	89.60
		<i>For Tempered Low-E Insulated Glass, Add</i>	218.53	
08 52 16 00-0972		56-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) (08 52 16 00-0955)		
08 52 16 00-0973	EA	12" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series).....	744.58	59.34
		<i>For Tempered Low-E Insulated Glass, Add</i>	125.18	
08 52 16 00-0974	EA	37-5/8" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series).....	1,007.06	74.47
		<i>For Tempered Low-E Insulated Glass, Add</i>	171.86	
08 52 16 00-0975	EA	41-5/8" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series).....	1,047.09	76.21
		<i>For Tempered Low-E Insulated Glass, Add</i>	178.93	
08 52 16 00-0976	EA	47-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series).....	1,107.10	79.71
		<i>For Tempered Low-E Insulated Glass, Add</i>	189.54	
08 52 16 00-0977	EA	51-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series).....	1,147.12	82.62
		<i>For Tempered Low-E Insulated Glass, Add</i>	196.61	
08 52 16 00-0978	EA	59-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series).....	1,228.92	86.69
		<i>For Tempered Low-E Insulated Glass, Add</i>	211.11	
08 52 16 00-0979	EA	67-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series).....	1,312.49	91.93
		<i>For Tempered Low-E Insulated Glass, Add</i>	225.96	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 52 16 00-0980			60-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) <small>(08 52 16 00-0955)</small>		
08 52 16 00-0981	EA		12" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	786.38	61.67
			<i>For Tempered Low-E Insulated Glass, Add</i>	132.61	
08 52 16 00-0982	EA		37-5/8" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,047.09	76.80
			<i>For Tempered Low-E Insulated Glass, Add</i>	178.93	
08 52 16 00-0983	EA		41-5/8" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,088.87	78.55
			<i>For Tempered Low-E Insulated Glass, Add</i>	186.36	
08 52 16 00-0984	EA		47-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,147.12	82.03
			<i>For Tempered Low-E Insulated Glass, Add</i>	196.61	
08 52 16 00-0985	EA		51-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,188.90	84.94
			<i>For Tempered Low-E Insulated Glass, Add</i>	204.04	
08 52 16 00-0986	EA		59-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,270.71	89.02
			<i>For Tempered Low-E Insulated Glass, Add</i>	218.53	
08 52 16 00-0987	EA		67-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,352.50	94.25
			<i>For Tempered Low-E Insulated Glass, Add</i>	233.03	
08 52 16 00-0988			64-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) <small>(08 52 16 00-0955)</small>		
08 52 16 00-0989	EA		12" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	826.39	64.00
			<i>For Tempered Low-E Insulated Glass, Add</i>	139.68	
08 52 16 00-0990	EA		37-5/8" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,088.87	79.12
			<i>For Tempered Low-E Insulated Glass, Add</i>	186.36	
08 52 16 00-0991	EA		41-5/8" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,130.64	80.87
			<i>For Tempered Low-E Insulated Glass, Add</i>	193.78	
08 52 16 00-0992	EA		47-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,188.90	84.36
			<i>For Tempered Low-E Insulated Glass, Add</i>	204.04	
08 52 16 00-0993	EA		51-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,228.92	87.27
			<i>For Tempered Low-E Insulated Glass, Add</i>	211.11	
08 52 16 00-0994	EA		59-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,312.49	91.34
			<i>For Tempered Low-E Insulated Glass, Add</i>	225.96	
08 52 16 00-0995	EA		67-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,394.29	96.58
			<i>For Tempered Low-E Insulated Glass, Add</i>	240.46	
08 52 16 00-0996			68-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) <small>(08 52 16 00-0955)</small>		
08 52 16 00-0997	EA		12" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	868.18	66.33
			<i>For Tempered Low-E Insulated Glass, Add</i>	147.10	
08 52 16 00-0998	EA		37-5/8" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,130.64	81.45
			<i>For Tempered Low-E Insulated Glass, Add</i>	193.78	
08 52 16 00-0999	EA		41-5/8" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,170.67	83.20
			<i>For Tempered Low-E Insulated Glass, Add</i>	200.85	
08 52 16 00-1000	EA		47-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,228.92	86.69
			<i>For Tempered Low-E Insulated Glass, Add</i>	211.11	
08 52 16 00-1001	EA		51-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,270.71	89.60
			<i>For Tempered Low-E Insulated Glass, Add</i>	218.53	
08 52 16 00-1002	EA		59-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,352.50	93.67
			<i>For Tempered Low-E Insulated Glass, Add</i>	233.03	
08 52 16 00-1003	EA		67-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,434.30	98.90
			<i>For Tempered Low-E Insulated Glass, Add</i>	247.53	
08 52 16 00-1004			72-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) <small>(08 52 16 00-0955)</small>		
08 52 16 00-1005	EA		12" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	908.19	68.65
			<i>For Tempered Low-E Insulated Glass, Add</i>	154.18	
08 52 16 00-1006	EA		37-5/8" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,170.67	83.78
			<i>For Tempered Low-E Insulated Glass, Add</i>	200.85	
08 52 16 00-1007	EA		41-5/8" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,212.45	85.53
			<i>For Tempered Low-E Insulated Glass, Add</i>	208.28	
08 52 16 00-1008	EA		47-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,270.71	89.02
			<i>For Tempered Low-E Insulated Glass, Add</i>	218.53	
08 52 16 00-1009	EA		51-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,312.49	91.93
			<i>For Tempered Low-E Insulated Glass, Add</i>	225.96	
08 52 16 00-1010	EA		59-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,394.29	95.99
			<i>For Tempered Low-E Insulated Glass, Add</i>	240.46	
08 52 16 00-1011	EA		67-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,476.09	101.24
			<i>For Tempered Low-E Insulated Glass, Add</i>	254.96	
08 52 16 00-1012			76-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) <small>(08 52 16 00-0955)</small>		
08 52 16 00-1013	EA		12" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	949.97	70.98
			<i>For Tempered Low-E Insulated Glass, Add</i>	161.60	
08 52 16 00-1014	EA		37-5/8" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,212.45	86.11
			<i>For Tempered Low-E Insulated Glass, Add</i>	208.28	
08 52 16 00-1015	EA		41-5/8" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,252.46	87.85
			<i>For Tempered Low-E Insulated Glass, Add</i>	215.35	
08 52 16 00-1016	EA		47-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,312.49	91.34
			<i>For Tempered Low-E Insulated Glass, Add</i>	225.96	
08 52 16 00-1017	EA		51-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,352.50	94.25
			<i>For Tempered Low-E Insulated Glass, Add</i>	233.03	

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-1018	EA		59-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,434.30 247.53	98.33
08 52 16 00-1019	EA		67-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,516.10 262.03	103.56
08 52 16 00-1020			Picture Wood Clad Windows For Horizontal Sliding Windows <small>(08 52 16 00-0810)</small>		
08 52 16 00-1021			Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) <small>(08 52 16 00-1020)</small> Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-1022			35-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) <small>(08 52 16 00-1021)</small>		
08 52 16 00-1023	EA		56-1/2" x 35-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	596.31 90.17	72.73
08 52 16 00-1024	EA		59-1/2" x 35-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	612.18 92.65	74.47
08 52 16 00-1025			47-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) <small>(08 52 16 00-1021)</small>		
08 52 16 00-1026	EA		47-1/2" x 47-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	612.18 92.65	74.47
08 52 16 00-1027	EA		71-1/2" x 47-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	742.65 113.16	88.43
08 52 16 00-1028			53-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) <small>(08 52 16 00-1021)</small>		
08 52 16 00-1029	EA		56-1/2" x 53-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	695.05 105.73	83.20
08 52 16 00-1030	EA		59-1/2" x 53-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	710.92 108.21	84.94
08 52 16 00-1031			56-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) <small>(08 52 16 00-1021)</small>		
08 52 16 00-1032	EA		35-1/2" x 56-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	596.31 90.17	73.30
08 52 16 00-1033	EA		53-1/2" x 56-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	695.05 105.73	83.20
08 52 16 00-1034			59-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) <small>(08 52 16 00-1021)</small>		
08 52 16 00-1035	EA		35-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	612.18 92.65	74.47
08 52 16 00-1036	EA		53-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	710.92 108.21	84.94
08 52 16 00-1037	EA		59-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	742.65 113.16	88.43
08 52 16 00-1038	EA		65-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	776.15 118.46	91.93
08 52 16 00-1039			65-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) <small>(08 52 16 00-1021)</small>		
08 52 16 00-1040	EA		59-1/2" x 65-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	776.15 118.46	91.93
08 52 16 00-1041			71-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) <small>(08 52 16 00-1021)</small>		
08 52 16 00-1042	EA		47-1/2" x 71-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	742.65 113.16	88.43
08 52 16 00-1043			Basement Wood Clad Windows <small>(08 52 16)</small> Note: Basement windows are hinged at the bottom of the frame and swing outward with a crank or push out operation.		
08 52 16 00-1044			Basement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-1043)</small> Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware, Low-E insulated glass and insect screens. Excludes grilles.		
08 52 16 00-1045	EA		32-1/4" x 15-3/4", Basement Wood Clad Window (Andersen 400 Series)	316.37	46.55
08 52 16 00-1046	EA		32-1/4" x 19-3/4", Basement Wood Clad Window (Andersen 400 Series)	333.14	46.55
08 52 16 00-1047	EA		32-1/4" x 23-3/4", Basement Wood Clad Window (Andersen 400 Series)	347.89	46.55
08 52 16 00-1048			Factory Installed Grilles For Wood Clad Windows <small>(08 52 16)</small>		
08 52 16 00-1049			Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows <small>(08 52 16 00-1048)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 52 16 00-1050	EA		Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows.....	43.63	
08 52 16 00-1051	EA		>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows.....	64.29	
08 52 16 00-1052	EA		>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows.....	87.26	
08 52 16 00-1053	EA		>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows.....	110.22	
08 52 16 00-1054	EA		>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows.....	156.14	
08 52 16 00-1055			Fixed Exterior And Removable Interior Grilles, Factory Installed Grilles For Wood Clad Windows (08 52 16 00-1048)		
08 52 16 00-1056	EA		Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows.....	69.80	
08 52 16 00-1057	EA		>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows.....	102.87	
08 52 16 00-1058	EA		>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows.....	139.61	
08 52 16 00-1059	EA		>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows.....	176.35	
08 52 16 00-1060	EA		>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows.....	249.83	
08 52 16 00-1061			Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows (08 52 16 00-1048)		
08 52 16 00-1062	EA		Up To 9 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows.....	83.77	
08 52 16 00-1063	EA		>9 To 18 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows.....	123.44	
08 52 16 00-1064	EA		>18 To 24 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows.....	167.53	
08 52 16 00-1065	EA		>24 To 36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows.....	211.62	
08 52 16 00-1066	EA		>36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows.....	299.79	
08 52 16 00-1067			Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows (08 52 16 00-1048)		
08 52 16 00-1068	EA		Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows.....	100.53	
08 52 16 00-1069	EA		>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows.....	148.13	
08 52 16 00-1070	EA		>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows.....	201.03	
08 52 16 00-1071	EA		>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows.....	253.94	
08 52 16 00-1072	EA		>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows.....	359.75	
08 52 66			Wood Window Screens (08 52)		
08 52 66 00-0001			Insect Screens For Wood Clad Windows (08 52 66)		
08 52 66 00-0002	EA		Up To 6 SF, Insect Screen For Wood Clad Windows.....	37.17	8.22
08 52 66 00-0003	EA		>6 To 9 SF, Insect Screen For Wood Clad Windows.....	43.09	8.22
08 52 66 00-0004	EA		>9 To 12 SF, Insect Screen For Wood Clad Windows.....	46.05	8.22
08 52 66 00-0005	EA		>12 To 15 SF, Insect Screen For Wood Clad Windows.....	51.97	8.22
08 52 66 00-0006	EA		>15 To 20 SF, Insect Screen For Wood Clad Windows.....	63.82	8.22
08 52 66 00-0007	EA		>20 To 25 SF, Insect Screen For Wood Clad Windows.....	69.74	8.22
08 52 66 00-0008	EA		>25 To 30 SF, Insect Screen For Wood Clad Windows.....	75.66	8.22
08 52 66 00-0009	EA		>30 To 35 SF, Insect Screen For Wood Clad Windows.....	81.58	8.22
08 52 66 00-0010	SF		>35 SF, Insect Screen For Wood Clad Windows.....	2.44	0.16

08 53 Plastic Windows (08 50)
08 53 13 Vinyl Windows (08 53)

08 53 13 00-0001			Single Hung Vinyl Windows (08 53 13)		
08 53 13 00-0002			New Construction, Single Hung Vinyl Windows (Silver Line 2200) (08 53 13 00-0001) Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 53 13 00-0003			34" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) (08 53 13 00-0002)		
08 53 13 00-0004	EA		24" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	285.34	53.52
			For Colored Vinyl, Add	17.83	
			For Tinted Glass, Add	21.39	
			For Low-E Insulated Glass, Add	44.57	
			For Obscure Glass, Add	49.03	
08 53 13 00-0005	EA		28" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	299.93	55.85
			For Colored Vinyl, Add	18.82	
			For Tinted Glass, Add	22.59	
			For Low-E Insulated Glass, Add	47.06	
			For Obscure Glass, Add	51.76	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 53 13 00-0006	EA	30" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	306.08	57.02
		<i>For Colored Vinyl, Add</i>	19.21	
		<i>For Tinted Glass, Add</i>	23.05	
		<i>For Low-E Insulated Glass, Add</i>	48.01	
		<i>For Obscure Glass, Add</i>	52.81	
08 53 13 00-0007	EA	32" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	312.75	58.18
		<i>For Colored Vinyl, Add</i>	19.64	
		<i>For Tinted Glass, Add</i>	23.57	
		<i>For Low-E Insulated Glass, Add</i>	49.10	
		<i>For Obscure Glass, Add</i>	54.01	
08 53 13 00-0008	EA	36" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	329.56	60.51
		<i>For Colored Vinyl, Add</i>	20.85	
		<i>For Tinted Glass, Add</i>	25.02	
		<i>For Low-E Insulated Glass, Add</i>	52.14	
		<i>For Obscure Glass, Add</i>	57.35	
08 53 13 00-0009	EA	44" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	357.22	65.16
		<i>For Colored Vinyl, Add</i>	22.69	
		<i>For Tinted Glass, Add</i>	27.23	
		<i>For Low-E Insulated Glass, Add</i>	56.73	
		<i>For Obscure Glass, Add</i>	62.40	

08 53 13 00-0010 36" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200)
(08 53 13 00-0002)

08 53 13 00-0011	EA	24" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	291.16	54.69
		<i>For Colored Vinyl, Add</i>	18.18	
		<i>For Tinted Glass, Add</i>	21.81	
		<i>For Low-E Insulated Glass, Add</i>	45.45	
		<i>For Obscure Glass, Add</i>	49.99	
08 53 13 00-0012	EA	28" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	305.75	55.85
		<i>For Colored Vinyl, Add</i>	19.17	
		<i>For Tinted Glass, Add</i>	23.01	
		<i>For Low-E Insulated Glass, Add</i>	47.93	
		<i>For Obscure Glass, Add</i>	52.72	
08 53 13 00-0013	EA	30" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	311.91	58.18
		<i>For Colored Vinyl, Add</i>	19.56	
		<i>For Tinted Glass, Add</i>	23.47	
		<i>For Low-E Insulated Glass, Add</i>	48.89	
		<i>For Obscure Glass, Add</i>	53.78	
08 53 13 00-0014	EA	32" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	318.57	59.34
		<i>For Colored Vinyl, Add</i>	19.99	
		<i>For Tinted Glass, Add</i>	23.99	
		<i>For Low-E Insulated Glass, Add</i>	49.97	
		<i>For Obscure Glass, Add</i>	54.97	
08 53 13 00-0015	EA	36" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	335.39	61.67
		<i>For Colored Vinyl, Add</i>	21.20	
		<i>For Tinted Glass, Add</i>	25.44	
		<i>For Low-E Insulated Glass, Add</i>	53.01	
		<i>For Obscure Glass, Add</i>	58.31	
08 53 13 00-0016	EA	44" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	363.06	66.33
		<i>For Colored Vinyl, Add</i>	23.04	
		<i>For Tinted Glass, Add</i>	27.65	
		<i>For Low-E Insulated Glass, Add</i>	57.60	
		<i>For Obscure Glass, Add</i>	63.36	

08 53 13 00-0017 38" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200)
(08 53 13 00-0002)

08 53 13 00-0018	EA	24" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	296.82	55.85
		<i>For Colored Vinyl, Add</i>	18.51	
		<i>For Tinted Glass, Add</i>	22.21	
		<i>For Low-E Insulated Glass, Add</i>	46.28	
		<i>For Obscure Glass, Add</i>	50.91	
08 53 13 00-0019	EA	28" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	311.41	58.18
		<i>For Colored Vinyl, Add</i>	19.51	
		<i>For Tinted Glass, Add</i>	23.41	
		<i>For Low-E Insulated Glass, Add</i>	48.76	
		<i>For Obscure Glass, Add</i>	53.64	
08 53 13 00-0020	EA	30" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	317.78	59.34
		<i>For Colored Vinyl, Add</i>	19.91	
		<i>For Tinted Glass, Add</i>	23.89	
		<i>For Low-E Insulated Glass, Add</i>	49.78	
		<i>For Obscure Glass, Add</i>	54.75	
08 53 13 00-0021	EA	32" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	324.46	60.51
		<i>For Colored Vinyl, Add</i>	20.34	
		<i>For Tinted Glass, Add</i>	24.41	
		<i>For Low-E Insulated Glass, Add</i>	50.86	
		<i>For Obscure Glass, Add</i>	55.95	
08 53 13 00-0022	EA	36" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	341.51	62.84
		<i>For Colored Vinyl, Add</i>	21.58	
		<i>For Tinted Glass, Add</i>	25.90	
		<i>For Low-E Insulated Glass, Add</i>	53.96	
		<i>For Obscure Glass, Add</i>	59.36	
08 53 13 00-0023	EA	44" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	369.52	67.49
		<i>For Colored Vinyl, Add</i>	23.45	
		<i>For Tinted Glass, Add</i>	28.14	
		<i>For Low-E Insulated Glass, Add</i>	58.64	
		<i>For Obscure Glass, Add</i>	64.50	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 53 13 00-0024 44" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) (08 53 13 00-0002)

08 53 13 00-0025	EA		24" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	314.09	59.34
			For Colored Vinyl, Add	19.54	
			For Tinted Glass, Add	23.45	
			For Low-E Insulated Glass, Add	48.85	
			For Obscure Glass, Add	53.74	
08 53 13 00-0026	EA		28" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	328.70	61.67
			For Colored Vinyl, Add	20.54	
			For Tinted Glass, Add	24.64	
			For Low-E Insulated Glass, Add	51.34	
			For Obscure Glass, Add	56.47	
08 53 13 00-0027	EA		30" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	335.80	62.84
			For Colored Vinyl, Add	21.01	
			For Tinted Glass, Add	25.22	
			For Low-E Insulated Glass, Add	52.53	
			For Obscure Glass, Add	57.79	
08 53 13 00-0028	EA		32" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	342.47	64.00
			For Colored Vinyl, Add	21.45	
			For Tinted Glass, Add	25.74	
			For Low-E Insulated Glass, Add	53.62	
			For Obscure Glass, Add	58.98	
08 53 13 00-0029	EA		36" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	360.26	66.33
			For Colored Vinyl, Add	22.76	
			For Tinted Glass, Add	27.31	
			For Low-E Insulated Glass, Add	56.90	
			For Obscure Glass, Add	62.59	
08 53 13 00-0030	EA		44" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	389.18	70.98
			For Colored Vinyl, Add	24.72	
			For Tinted Glass, Add	29.67	
			For Low-E Insulated Glass, Add	61.81	
			For Obscure Glass, Add	67.99	

08 53 13 00-0031 46" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) (08 53 13 00-0002)

08 53 13 00-0032	EA		24" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	319.93	60.51
			For Colored Vinyl, Add	19.89	
			For Tinted Glass, Add	23.87	
			For Low-E Insulated Glass, Add	49.73	
			For Obscure Glass, Add	54.70	
08 53 13 00-0033	EA		28" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	334.52	62.84
			For Colored Vinyl, Add	20.89	
			For Tinted Glass, Add	25.06	
			For Low-E Insulated Glass, Add	52.21	
			For Obscure Glass, Add	57.43	
08 53 13 00-0034	EA		30" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	341.86	64.00
			For Colored Vinyl, Add	21.39	
			For Tinted Glass, Add	25.66	
			For Low-E Insulated Glass, Add	53.47	
			For Obscure Glass, Add	58.81	
08 53 13 00-0035	EA		32" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	348.52	65.16
			For Colored Vinyl, Add	21.82	
			For Tinted Glass, Add	26.18	
			For Low-E Insulated Glass, Add	54.55	
			For Obscure Glass, Add	60.01	
08 53 13 00-0036	EA		36" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	366.53	67.49
			For Colored Vinyl, Add	23.16	
			For Tinted Glass, Add	27.79	
			For Low-E Insulated Glass, Add	57.89	
			For Obscure Glass, Add	63.68	
08 53 13 00-0037	EA		44" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	395.80	72.15
			For Colored Vinyl, Add	25.15	
			For Tinted Glass, Add	30.18	
			For Low-E Insulated Glass, Add	62.88	
			For Obscure Glass, Add	69.17	

08 53 13 00-0038 48" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) (08 53 13 00-0002)

08 53 13 00-0039	EA		24" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	325.81	61.67
			For Colored Vinyl, Add	20.25	
			For Tinted Glass, Add	24.30	
			For Low-E Insulated Glass, Add	50.62	
			For Obscure Glass, Add	55.68	
08 53 13 00-0040	EA		28" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	340.40	64.00
			For Colored Vinyl, Add	21.24	
			For Tinted Glass, Add	25.49	
			For Low-E Insulated Glass, Add	53.10	
			For Obscure Glass, Add	58.41	
08 53 13 00-0041	EA		30" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	347.96	65.16
			For Colored Vinyl, Add	21.76	
			For Tinted Glass, Add	26.12	
			For Low-E Insulated Glass, Add	54.41	
			For Obscure Glass, Add	59.85	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 53 13 00-0042	EA 32" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	354.63	66.33
	For Colored Vinyl, Add	22.20	
	For Tinted Glass, Add	26.64	
	For Low-E Insulated Glass, Add	55.49	
	For Obscure Glass, Add	61.04	
08 53 13 00-0043	EA 36" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	372.89	68.65
	For Colored Vinyl, Add	23.56	
	For Tinted Glass, Add	28.27	
	For Low-E Insulated Glass, Add	58.90	
	For Obscure Glass, Add	64.78	
08 53 13 00-0044	EA 44" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	402.46	73.30
	For Colored Vinyl, Add	25.58	
	For Tinted Glass, Add	30.70	
	For Low-E Insulated Glass, Add	63.96	
	For Obscure Glass, Add	70.36	
08 53 13 00-0045	50" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>		
08 53 13 00-0046	EA 24" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	331.47	62.84
	For Colored Vinyl, Add	20.58	
	For Tinted Glass, Add	24.70	
	For Low-E Insulated Glass, Add	51.45	
	For Obscure Glass, Add	56.60	
08 53 13 00-0047	EA 28" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	346.05	65.16
	For Colored Vinyl, Add	21.57	
	For Tinted Glass, Add	25.89	
	For Low-E Insulated Glass, Add	53.93	
	For Obscure Glass, Add	59.33	
08 53 13 00-0048	EA 30" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	353.88	66.33
	For Colored Vinyl, Add	22.12	
	For Tinted Glass, Add	26.55	
	For Low-E Insulated Glass, Add	55.31	
	For Obscure Glass, Add	60.84	
08 53 13 00-0049	EA 32" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	360.54	67.49
	For Colored Vinyl, Add	22.56	
	For Tinted Glass, Add	27.07	
	For Low-E Insulated Glass, Add	56.39	
	For Obscure Glass, Add	62.03	
08 53 13 00-0050	EA 36" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	379.01	69.82
	For Colored Vinyl, Add	23.94	
	For Tinted Glass, Add	28.73	
	For Low-E Insulated Glass, Add	59.85	
	For Obscure Glass, Add	65.83	
08 53 13 00-0051	EA 44" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	408.90	74.47
	For Colored Vinyl, Add	26.00	
	For Tinted Glass, Add	31.20	
	For Low-E Insulated Glass, Add	64.99	
	For Obscure Glass, Add	71.49	
08 53 13 00-0052	52" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>		
08 53 13 00-0053	EA 24" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	337.15	64.00
	For Colored Vinyl, Add	20.92	
	For Tinted Glass, Add	25.10	
	For Low-E Insulated Glass, Add	52.29	
	For Obscure Glass, Add	57.52	
08 53 13 00-0054	EA 28" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	351.75	66.33
	For Colored Vinyl, Add	21.91	
	For Tinted Glass, Add	26.29	
	For Low-E Insulated Glass, Add	54.77	
	For Obscure Glass, Add	60.25	
08 53 13 00-0055	EA 30" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	359.81	67.49
	For Colored Vinyl, Add	22.48	
	For Tinted Glass, Add	26.98	
	For Low-E Insulated Glass, Add	56.21	
	For Obscure Glass, Add	61.83	
08 53 13 00-0056	EA 32" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	366.48	68.65
	For Colored Vinyl, Add	22.92	
	For Tinted Glass, Add	27.50	
	For Low-E Insulated Glass, Add	57.29	
	For Obscure Glass, Add	63.02	
08 53 13 00-0057	EA 36" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	385.21	70.98
	For Colored Vinyl, Add	24.33	
	For Tinted Glass, Add	29.19	
	For Low-E Insulated Glass, Add	60.81	
	For Obscure Glass, Add	66.89	
08 53 13 00-0058	EA 44" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	415.40	75.64
	For Colored Vinyl, Add	26.41	
	For Tinted Glass, Add	31.70	
	For Low-E Insulated Glass, Add	66.03	
	For Obscure Glass, Add	72.64	
08 53 13 00-0059	54" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0060	EA		24" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	342.83	65.16
			For Colored Vinyl, Add	21.25	
			For Tinted Glass, Add	25.50	
			For Low-E Insulated Glass, Add	53.13	
			For Obscure Glass, Add	58.44	
08 53 13 00-0061	EA		28" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	357.43	67.49
			For Colored Vinyl, Add	22.25	
			For Tinted Glass, Add	26.69	
			For Low-E Insulated Glass, Add	55.61	
			For Obscure Glass, Add	61.17	
08 53 13 00-0062	EA		30" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	365.72	68.65
			For Colored Vinyl, Add	22.84	
			For Tinted Glass, Add	27.41	
			For Low-E Insulated Glass, Add	57.10	
			For Obscure Glass, Add	62.81	
08 53 13 00-0063	EA		32" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	372.38	69.82
			For Colored Vinyl, Add	23.28	
			For Tinted Glass, Add	27.93	
			For Low-E Insulated Glass, Add	58.19	
			For Obscure Glass, Add	64.01	
08 53 13 00-0064	EA		36" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	391.34	72.15
			For Colored Vinyl, Add	24.71	
			For Tinted Glass, Add	29.65	
			For Low-E Insulated Glass, Add	61.76	
			For Obscure Glass, Add	67.94	
08 53 13 00-0065	EA		44" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	421.83	76.80
			For Colored Vinyl, Add	26.82	
			For Tinted Glass, Add	32.19	
			For Low-E Insulated Glass, Add	67.06	
			For Obscure Glass, Add	73.77	
08 53 13 00-0066			60" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>		
08 53 13 00-0067	EA		24" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	360.32	68.65
			For Colored Vinyl, Add	22.30	
			For Tinted Glass, Add	26.76	
			For Low-E Insulated Glass, Add	55.75	
			For Obscure Glass, Add	61.33	
08 53 13 00-0068	EA		28" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	374.91	70.98
			For Colored Vinyl, Add	23.30	
			For Tinted Glass, Add	27.95	
			For Low-E Insulated Glass, Add	58.24	
			For Obscure Glass, Add	64.06	
08 53 13 00-0069	EA		30" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	383.87	72.15
			For Colored Vinyl, Add	23.96	
			For Tinted Glass, Add	28.75	
			For Low-E Insulated Glass, Add	59.90	
			For Obscure Glass, Add	65.88	
08 53 13 00-0070	EA		32" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	390.54	73.30
			For Colored Vinyl, Add	24.39	
			For Tinted Glass, Add	29.27	
			For Low-E Insulated Glass, Add	60.98	
			For Obscure Glass, Add	67.08	
08 53 13 00-0071	EA		36" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	410.22	75.64
			For Colored Vinyl, Add	25.90	
			For Tinted Glass, Add	31.07	
			For Low-E Insulated Glass, Add	64.74	
			For Obscure Glass, Add	71.21	
08 53 13 00-0072	EA		44" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	441.67	80.29
			For Colored Vinyl, Add	28.11	
			For Tinted Glass, Add	33.73	
			For Low-E Insulated Glass, Add	70.27	
			For Obscure Glass, Add	77.30	
08 53 13 00-0073			62" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>		
08 53 13 00-0074	EA		24" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	366.00	69.82
			For Colored Vinyl, Add	22.64	
			For Tinted Glass, Add	27.16	
			For Low-E Insulated Glass, Add	56.59	
			For Obscure Glass, Add	62.25	
08 53 13 00-0075	EA		28" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	380.60	72.15
			For Colored Vinyl, Add	23.63	
			For Tinted Glass, Add	28.36	
			For Low-E Insulated Glass, Add	59.08	
			For Obscure Glass, Add	64.99	
08 53 13 00-0076	EA		30" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	389.84	73.30
			For Colored Vinyl, Add	24.32	
			For Tinted Glass, Add	29.19	
			For Low-E Insulated Glass, Add	60.81	
			For Obscure Glass, Add	66.89	
08 53 13 00-0077	EA		32" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	396.50	74.47
			For Colored Vinyl, Add	24.76	
			For Tinted Glass, Add	29.71	
			For Low-E Insulated Glass, Add	61.89	
			For Obscure Glass, Add	68.08	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 53 13 00-0078	EA 36" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	416.40	76.80
	For Colored Vinyl, Add	26.28	
	For Tinted Glass, Add	31.54	
	For Low-E Insulated Glass, Add	65.70	
	For Obscure Glass, Add	72.27	
08 53 13 00-0079	EA 44" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	448.20	81.45
	For Colored Vinyl, Add	28.53	
	For Tinted Glass, Add	34.23	
	For Low-E Insulated Glass, Add	71.32	
	For Obscure Glass, Add	78.45	
08 53 13 00-0080	66" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>		
08 53 13 00-0081	EA 24" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	377.54	72.15
	For Colored Vinyl, Add	23.33	
	For Tinted Glass, Add	27.99	
	For Low-E Insulated Glass, Add	58.31	
	For Obscure Glass, Add	64.14	
08 53 13 00-0082	EA 28" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	392.13	74.47
	For Colored Vinyl, Add	24.32	
	For Tinted Glass, Add	29.18	
	For Low-E Insulated Glass, Add	60.80	
	For Obscure Glass, Add	66.88	
08 53 13 00-0083	EA 30" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	401.82	75.64
	For Colored Vinyl, Add	25.06	
	For Tinted Glass, Add	30.07	
	For Low-E Insulated Glass, Add	62.64	
	For Obscure Glass, Add	68.90	
08 53 13 00-0084	EA 32" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	408.48	76.80
	For Colored Vinyl, Add	25.49	
	For Tinted Glass, Add	30.59	
	For Low-E Insulated Glass, Add	63.72	
	For Obscure Glass, Add	70.09	
08 53 13 00-0085	EA 36" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	428.91	79.12
	For Colored Vinyl, Add	27.07	
	For Tinted Glass, Add	32.48	
	For Low-E Insulated Glass, Add	67.66	
	For Obscure Glass, Add	74.43	
08 53 13 00-0086	EA 44" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	461.28	83.78
	For Colored Vinyl, Add	29.37	
	For Tinted Glass, Add	35.25	
	For Low-E Insulated Glass, Add	73.43	
	For Obscure Glass, Add	80.77	
08 53 13 00-0087	72" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>		
08 53 13 00-0088	EA 24" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	395.02	75.64
	For Colored Vinyl, Add	24.38	
	For Tinted Glass, Add	29.25	
	For Low-E Insulated Glass, Add	60.94	
	For Obscure Glass, Add	67.03	
08 53 13 00-0089	EA 28" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	409.61	77.97
	For Colored Vinyl, Add	25.37	
	For Tinted Glass, Add	30.44	
	For Low-E Insulated Glass, Add	63.42	
	For Obscure Glass, Add	69.76	
08 53 13 00-0090	EA 30" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	419.31	79.12
	For Colored Vinyl, Add	26.11	
	For Tinted Glass, Add	31.33	
	For Low-E Insulated Glass, Add	65.26	
	For Obscure Glass, Add	71.79	
08 53 13 00-0091	EA 32" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	425.97	80.29
	For Colored Vinyl, Add	26.54	
	For Tinted Glass, Add	31.85	
	For Low-E Insulated Glass, Add	66.35	
	For Obscure Glass, Add	72.98	
08 53 13 00-0092	EA 36" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	446.38	82.62
	For Colored Vinyl, Add	28.12	
	For Tinted Glass, Add	33.74	
	For Low-E Insulated Glass, Add	70.29	
	For Obscure Glass, Add	77.32	
08 53 13 00-0093	EA 44" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	478.75	87.27
	For Colored Vinyl, Add	30.42	
	For Tinted Glass, Add	36.51	
	For Low-E Insulated Glass, Add	76.05	
	For Obscure Glass, Add	83.66	
08 53 13 00-0094	Replacement, Single Hung Vinyl Windows (Silver Line 2000) <small>(08 53 13 00-0001)</small>		
	Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0095	EA Up To 73" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	408.26	61.09
	For Colored Vinyl, Add	28.61	
	For Tinted Glass, Add	34.33	
	For Low-E Insulated Glass, Add	71.52	
	For Obscure Glass, Add	78.67	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0096	EA		>73" To 83" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	447.46	66.91
			For Colored Vinyl, Add	31.37	
			For Tinted Glass, Add	37.64	
			For Low-E Insulated Glass, Add	78.41	
			For Obscure Glass, Add	86.25	
08 53 13 00-0097	EA		>83" To 93" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	483.87	72.73
			For Colored Vinyl, Add	33.84	
			For Tinted Glass, Add	40.61	
			For Low-E Insulated Glass, Add	84.61	
			For Obscure Glass, Add	93.07	
08 53 13 00-0098	EA		>93" To 101" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	510.49	78.55
			For Colored Vinyl, Add	35.34	
			For Tinted Glass, Add	42.41	
			For Low-E Insulated Glass, Add	88.35	
			For Obscure Glass, Add	97.19	
08 53 13 00-0099	EA		>101" To 110" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	538.21	84.36
			For Colored Vinyl, Add	36.95	
			For Tinted Glass, Add	44.34	
			For Low-E Insulated Glass, Add	92.37	
			For Obscure Glass, Add	101.61	
08 53 13 00-0100	EA		>110" To 120" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	583.44	90.18
			For Colored Vinyl, Add	40.31	
			For Tinted Glass, Add	48.37	
			For Low-E Insulated Glass, Add	100.77	
			For Obscure Glass, Add	110.85	
08 53 13 00-0101	UI		>120" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000).....	4.87	0.75
			For Colored Vinyl, Add	0.34	
			For Tinted Glass, Add	0.40	
			For Low-E Insulated Glass, Add	0.84	
			For Obscure Glass, Add	0.92	
08 53 13 00-0102			Double Hung Vinyl Windows (08 53 13)		
08 53 13 00-0103			New Construction, Double Hung Vinyl Windows (Silver Line 3900) (08 53 13 00-0102)		
			Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 53 13 00-0104			34" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) (08 53 13 00-0103)		
08 53 13 00-0105	EA		24" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	393.02	53.52
			For Colored Vinyl, Add	28.60	
			For Tinted Glass, Add	34.32	
			For Low-E Insulated Glass, Add	71.49	
			For Obscure Glass, Add	78.64	
08 53 13 00-0106	EA		28" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	407.61	55.85
			For Colored Vinyl, Add	29.59	
			For Tinted Glass, Add	35.51	
			For Low-E Insulated Glass, Add	73.98	
			For Obscure Glass, Add	81.37	
08 53 13 00-0107	EA		30" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	414.69	57.02
			For Colored Vinyl, Add	30.07	
			For Tinted Glass, Add	36.08	
			For Low-E Insulated Glass, Add	75.17	
			For Obscure Glass, Add	82.68	
08 53 13 00-0108	EA		32" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	421.36	58.18
			For Colored Vinyl, Add	30.50	
			For Tinted Glass, Add	36.60	
			For Low-E Insulated Glass, Add	76.25	
			For Obscure Glass, Add	83.88	
08 53 13 00-0109	EA		36" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	437.24	60.51
			For Colored Vinyl, Add	31.62	
			For Tinted Glass, Add	37.95	
			For Low-E Insulated Glass, Add	79.06	
			For Obscure Glass, Add	86.96	
08 53 13 00-0110	EA		44" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	463.70	65.16
			For Colored Vinyl, Add	33.34	
			For Tinted Glass, Add	40.01	
			For Low-E Insulated Glass, Add	83.35	
			For Obscure Glass, Add	91.68	
08 53 13 00-0111			36" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) (08 53 13 00-0103)		
08 53 13 00-0112	EA		24" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	398.84	54.69
			For Colored Vinyl, Add	28.95	
			For Tinted Glass, Add	34.74	
			For Low-E Insulated Glass, Add	72.37	
			For Obscure Glass, Add	79.60	
08 53 13 00-0113	EA		28" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	413.43	57.02
			For Colored Vinyl, Add	29.94	
			For Tinted Glass, Add	35.93	
			For Low-E Insulated Glass, Add	74.85	
			For Obscure Glass, Add	82.34	
08 53 13 00-0114	EA		30" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	420.52	58.18
			For Colored Vinyl, Add	30.42	
			For Tinted Glass, Add	36.50	
			For Low-E Insulated Glass, Add	76.04	
			For Obscure Glass, Add	83.64	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0115	EA		32" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	427.18	59.34
			For Colored Vinyl, Add	30.85	
			For Tinted Glass, Add	37.02	
			For Low-E Insulated Glass, Add	77.13	
			For Obscure Glass, Add	84.84	
08 53 13 00-0116	EA		36" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	443.07	61.67
			For Colored Vinyl, Add	31.97	
			For Tinted Glass, Add	38.37	
			For Low-E Insulated Glass, Add	79.93	
			For Obscure Glass, Add	87.92	
08 53 13 00-0117	EA		44" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	469.54	66.33
			For Colored Vinyl, Add	33.69	
			For Tinted Glass, Add	40.43	
			For Low-E Insulated Glass, Add	84.22	
			For Obscure Glass, Add	92.64	
08 53 13 00-0118			38" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) <small>(08 53 13 00-0103)</small>		
08 53 13 00-0119	EA		24" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	404.17	55.85
			For Colored Vinyl, Add	29.25	
			For Tinted Glass, Add	35.10	
			For Low-E Insulated Glass, Add	73.12	
			For Obscure Glass, Add	80.43	
08 53 13 00-0120	EA		28" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	418.75	58.18
			For Colored Vinyl, Add	30.24	
			For Tinted Glass, Add	36.29	
			For Low-E Insulated Glass, Add	75.60	
			For Obscure Glass, Add	83.16	
08 53 13 00-0121	EA		30" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	426.03	59.34
			For Colored Vinyl, Add	30.74	
			For Tinted Glass, Add	36.88	
			For Low-E Insulated Glass, Add	76.84	
			For Obscure Glass, Add	84.52	
08 53 13 00-0122	EA		32" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	432.71	60.51
			For Colored Vinyl, Add	31.17	
			For Tinted Glass, Add	37.40	
			For Low-E Insulated Glass, Add	77.92	
			For Obscure Glass, Add	85.71	
08 53 13 00-0123	EA		36" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	448.86	62.84
			For Colored Vinyl, Add	32.32	
			For Tinted Glass, Add	38.78	
			For Low-E Insulated Glass, Add	80.80	
			For Obscure Glass, Add	88.88	
08 53 13 00-0124	EA		44" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	475.61	67.49
			For Colored Vinyl, Add	34.06	
			For Tinted Glass, Add	40.88	
			For Low-E Insulated Glass, Add	85.16	
			For Obscure Glass, Add	93.67	
08 53 13 00-0125			44" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) <small>(08 53 13 00-0103)</small>		
08 53 13 00-0126	EA		24" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	422.03	59.34
			For Colored Vinyl, Add	30.34	
			For Tinted Glass, Add	36.40	
			For Low-E Insulated Glass, Add	75.84	
			For Obscure Glass, Add	83.42	
08 53 13 00-0127	EA		28" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	436.63	61.67
			For Colored Vinyl, Add	31.33	
			For Tinted Glass, Add	37.59	
			For Low-E Insulated Glass, Add	78.32	
			For Obscure Glass, Add	86.15	
08 53 13 00-0128	EA		30" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	442.76	62.84
			For Colored Vinyl, Add	31.71	
			For Tinted Glass, Add	38.05	
			For Low-E Insulated Glass, Add	79.27	
			For Obscure Glass, Add	87.20	
08 53 13 00-0129	EA		32" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	449.43	64.00
			For Colored Vinyl, Add	32.14	
			For Tinted Glass, Add	38.57	
			For Low-E Insulated Glass, Add	80.36	
			For Obscure Glass, Add	88.39	
08 53 13 00-0130	EA		36" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	466.21	66.33
			For Colored Vinyl, Add	33.36	
			For Tinted Glass, Add	40.03	
			For Low-E Insulated Glass, Add	83.39	
			For Obscure Glass, Add	91.73	
08 53 13 00-0131	EA		44" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	494.35	70.98
			For Colored Vinyl, Add	35.24	
			For Tinted Glass, Add	42.29	
			For Low-E Insulated Glass, Add	88.10	
			For Obscure Glass, Add	96.91	
08 53 13 00-0132			46" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) <small>(08 53 13 00-0103)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0133	EA		24" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	427.33	60.51
			For Colored Vinyl, Add	30.63	
			For Tinted Glass, Add	36.76	
			For Low-E Insulated Glass, Add	76.58	
			For Obscure Glass, Add	84.24	
08 53 13 00-0134	EA		28" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	441.92	62.84
			For Colored Vinyl, Add	31.63	
			For Tinted Glass, Add	37.95	
			For Low-E Insulated Glass, Add	79.06	
			For Obscure Glass, Add	86.97	
08 53 13 00-0135	EA		30" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	448.36	64.00
			For Colored Vinyl, Add	32.04	
			For Tinted Glass, Add	38.44	
			For Low-E Insulated Glass, Add	80.09	
			For Obscure Glass, Add	88.10	
08 53 13 00-0136	EA		32" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	455.02	65.16
			For Colored Vinyl, Add	32.47	
			For Tinted Glass, Add	38.96	
			For Low-E Insulated Glass, Add	81.18	
			For Obscure Glass, Add	89.29	
08 53 13 00-0137	EA		36" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	472.00	67.49
			For Colored Vinyl, Add	33.70	
			For Tinted Glass, Add	40.44	
			For Low-E Insulated Glass, Add	84.26	
			For Obscure Glass, Add	92.68	
08 53 13 00-0138	EA		44" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	500.99	72.15
			For Colored Vinyl, Add	35.67	
			For Tinted Glass, Add	42.80	
			For Low-E Insulated Glass, Add	89.18	
			For Obscure Glass, Add	98.09	
08 53 13 00-0139			48" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) <small>(08 53 13 00-0103)</small>		
08 53 13 00-0140	EA		24" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	432.69	61.67
			For Colored Vinyl, Add	30.93	
			For Tinted Glass, Add	37.12	
			For Low-E Insulated Glass, Add	77.34	
			For Obscure Glass, Add	85.07	
08 53 13 00-0141	EA		28" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	447.27	64.00
			For Colored Vinyl, Add	31.93	
			For Tinted Glass, Add	38.31	
			For Low-E Insulated Glass, Add	79.82	
			For Obscure Glass, Add	87.80	
08 53 13 00-0142	EA		30" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	453.88	65.16
			For Colored Vinyl, Add	32.36	
			For Tinted Glass, Add	38.83	
			For Low-E Insulated Glass, Add	80.89	
			For Obscure Glass, Add	88.98	
08 53 13 00-0143	EA		32" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	460.55	66.33
			For Colored Vinyl, Add	32.79	
			For Tinted Glass, Add	39.35	
			For Low-E Insulated Glass, Add	81.97	
			For Obscure Glass, Add	90.17	
08 53 13 00-0144	EA		36" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	477.80	68.65
			For Colored Vinyl, Add	34.05	
			For Tinted Glass, Add	40.86	
			For Low-E Insulated Glass, Add	85.12	
			For Obscure Glass, Add	93.63	
08 53 13 00-0145	EA		44" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	507.52	73.30
			For Colored Vinyl, Add	36.09	
			For Tinted Glass, Add	43.31	
			For Low-E Insulated Glass, Add	90.23	
			For Obscure Glass, Add	99.25	
08 53 13 00-0146			50" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) <small>(08 53 13 00-0103)</small>		
08 53 13 00-0147	EA		24" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	437.97	62.84
			For Colored Vinyl, Add	31.23	
			For Tinted Glass, Add	37.48	
			For Low-E Insulated Glass, Add	78.08	
			For Obscure Glass, Add	85.88	
08 53 13 00-0148	EA		28" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	452.56	65.16
			For Colored Vinyl, Add	32.22	
			For Tinted Glass, Add	38.67	
			For Low-E Insulated Glass, Add	80.56	
			For Obscure Glass, Add	88.62	
08 53 13 00-0149	EA		30" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	459.46	66.33
			For Colored Vinyl, Add	32.68	
			For Tinted Glass, Add	39.22	
			For Low-E Insulated Glass, Add	81.70	
			For Obscure Glass, Add	89.87	
08 53 13 00-0150	EA		32" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	466.12	67.49
			For Colored Vinyl, Add	33.11	
			For Tinted Glass, Add	39.74	
			For Low-E Insulated Glass, Add	82.79	
			For Obscure Glass, Add	91.06	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 53 13 00-0151	EA 36" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	483.59	69.82
	<i>For Colored Vinyl, Add</i>	34.40	
	<i>For Tinted Glass, Add</i>	41.28	
	<i>For Low-E Insulated Glass, Add</i>	85.99	
	<i>For Obscure Glass, Add</i>	94.59	
08 53 13 00-0152	EA 44" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	514.12	74.47
	<i>For Colored Vinyl, Add</i>	36.52	
	<i>For Tinted Glass, Add</i>	43.82	
	<i>For Low-E Insulated Glass, Add</i>	91.30	
	<i>For Obscure Glass, Add</i>	100.42	
08 53 13 00-0153	52" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) <small>(08 53 13 00-0103)</small>		
08 53 13 00-0154	EA 24" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	443.30	64.00
	<i>For Colored Vinyl, Add</i>	31.53	
	<i>For Tinted Glass, Add</i>	37.84	
	<i>For Low-E Insulated Glass, Add</i>	78.83	
	<i>For Obscure Glass, Add</i>	86.71	
08 53 13 00-0155	EA 28" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	457.90	66.33
	<i>For Colored Vinyl, Add</i>	32.52	
	<i>For Tinted Glass, Add</i>	39.03	
	<i>For Low-E Insulated Glass, Add</i>	81.31	
	<i>For Obscure Glass, Add</i>	89.44	
08 53 13 00-0156	EA 30" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	464.97	67.49
	<i>For Colored Vinyl, Add</i>	33.00	
	<i>For Tinted Glass, Add</i>	39.60	
	<i>For Low-E Insulated Glass, Add</i>	82.50	
	<i>For Obscure Glass, Add</i>	90.75	
08 53 13 00-0157	EA 32" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	471.64	68.65
	<i>For Colored Vinyl, Add</i>	33.43	
	<i>For Tinted Glass, Add</i>	40.12	
	<i>For Low-E Insulated Glass, Add</i>	83.58	
	<i>For Obscure Glass, Add</i>	91.94	
08 53 13 00-0158	EA 36" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	489.87	70.98
	<i>For Colored Vinyl, Add</i>	34.79	
	<i>For Tinted Glass, Add</i>	41.75	
	<i>For Low-E Insulated Glass, Add</i>	86.98	
	<i>For Obscure Glass, Add</i>	95.68	
08 53 13 00-0159	EA 44" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	520.62	75.64
	<i>For Colored Vinyl, Add</i>	36.94	
	<i>For Tinted Glass, Add</i>	44.32	
	<i>For Low-E Insulated Glass, Add</i>	92.34	
	<i>For Obscure Glass, Add</i>	101.57	
08 53 13 00-0160	54" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) <small>(08 53 13 00-0103)</small>		
08 53 13 00-0161	EA 24" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	448.64	65.16
	<i>For Colored Vinyl, Add</i>	31.83	
	<i>For Tinted Glass, Add</i>	38.20	
	<i>For Low-E Insulated Glass, Add</i>	79.58	
	<i>For Obscure Glass, Add</i>	87.54	
08 53 13 00-0162	EA 28" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	463.24	67.49
	<i>For Colored Vinyl, Add</i>	32.83	
	<i>For Tinted Glass, Add</i>	39.39	
	<i>For Low-E Insulated Glass, Add</i>	82.07	
	<i>For Obscure Glass, Add</i>	90.27	
08 53 13 00-0163	EA 30" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	470.58	68.65
	<i>For Colored Vinyl, Add</i>	33.33	
	<i>For Tinted Glass, Add</i>	39.99	
	<i>For Low-E Insulated Glass, Add</i>	83.32	
	<i>For Obscure Glass, Add</i>	91.65	
08 53 13 00-0164	EA 32" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	477.24	69.82
	<i>For Colored Vinyl, Add</i>	33.76	
	<i>For Tinted Glass, Add</i>	40.51	
	<i>For Low-E Insulated Glass, Add</i>	84.40	
	<i>For Obscure Glass, Add</i>	92.84	
08 53 13 00-0165	EA 36" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	496.15	72.15
	<i>For Colored Vinyl, Add</i>	35.19	
	<i>For Tinted Glass, Add</i>	42.22	
	<i>For Low-E Insulated Glass, Add</i>	87.97	
	<i>For Obscure Glass, Add</i>	96.76	
08 53 13 00-0166	EA 44" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	527.14	76.80
	<i>For Colored Vinyl, Add</i>	37.36	
	<i>For Tinted Glass, Add</i>	44.83	
	<i>For Low-E Insulated Glass, Add</i>	93.39	
	<i>For Obscure Glass, Add</i>	102.73	
08 53 13 00-0167	60" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) <small>(08 53 13 00-0103)</small>		
08 53 13 00-0168	EA 24" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	464.67	68.65
	<i>For Colored Vinyl, Add</i>	32.74	
	<i>For Tinted Glass, Add</i>	39.28	
	<i>For Low-E Insulated Glass, Add</i>	81.84	
	<i>For Obscure Glass, Add</i>	90.02	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0169	EA		28" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	479.26	70.98
			For Colored Vinyl, Add	33.73	
			For Tinted Glass, Add	40.48	
			For Low-E Insulated Glass, Add	84.33	
			For Obscure Glass, Add	92.76	
08 53 13 00-0170	EA		30" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	488.25	72.15
			For Colored Vinyl, Add	34.40	
			For Tinted Glass, Add	41.28	
			For Low-E Insulated Glass, Add	85.99	
			For Obscure Glass, Add	94.59	
08 53 13 00-0171	EA		32" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	494.92	73.30
			For Colored Vinyl, Add	34.83	
			For Tinted Glass, Add	41.80	
			For Low-E Insulated Glass, Add	87.08	
			For Obscure Glass, Add	95.78	
08 53 13 00-0172	EA		36" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	514.88	75.64
			For Colored Vinyl, Add	36.36	
			For Tinted Glass, Add	43.63	
			For Low-E Insulated Glass, Add	90.90	
			For Obscure Glass, Add	99.99	
08 53 13 00-0173	EA		44" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	546.78	80.29
			For Colored Vinyl, Add	38.62	
			For Tinted Glass, Add	46.34	
			For Low-E Insulated Glass, Add	96.55	
			For Obscure Glass, Add	106.21	
08 53 13 00-0174			62" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) <small>(08 53 13 00-0103)</small>		
08 53 13 00-0175	EA		24" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	469.99	69.82
			For Colored Vinyl, Add	33.04	
			For Tinted Glass, Add	39.64	
			For Low-E Insulated Glass, Add	82.59	
			For Obscure Glass, Add	90.85	
08 53 13 00-0176	EA		28" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	484.59	72.15
			For Colored Vinyl, Add	34.03	
			For Tinted Glass, Add	40.84	
			For Low-E Insulated Glass, Add	85.08	
			For Obscure Glass, Add	93.58	
08 53 13 00-0177	EA		30" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	494.25	73.30
			For Colored Vinyl, Add	34.76	
			For Tinted Glass, Add	41.72	
			For Low-E Insulated Glass, Add	86.91	
			For Obscure Glass, Add	95.60	
08 53 13 00-0178	EA		32" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	500.91	74.47
			For Colored Vinyl, Add	35.20	
			For Tinted Glass, Add	42.24	
			For Low-E Insulated Glass, Add	87.99	
			For Obscure Glass, Add	96.79	
08 53 13 00-0179	EA		36" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	521.09	76.80
			For Colored Vinyl, Add	36.75	
			For Tinted Glass, Add	44.10	
			For Low-E Insulated Glass, Add	91.88	
			For Obscure Glass, Add	101.06	
08 53 13 00-0180	EA		44" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	553.87	81.45
			For Colored Vinyl, Add	39.10	
			For Tinted Glass, Add	46.92	
			For Low-E Insulated Glass, Add	97.74	
			For Obscure Glass, Add	107.51	
08 53 13 00-0181			66" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) <small>(08 53 13 00-0103)</small>		
08 53 13 00-0182	EA		24" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	481.65	72.15
			For Colored Vinyl, Add	33.74	
			For Tinted Glass, Add	40.48	
			For Low-E Insulated Glass, Add	84.34	
			For Obscure Glass, Add	92.77	
08 53 13 00-0183	EA		28" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	496.23	74.47
			For Colored Vinyl, Add	34.73	
			For Tinted Glass, Add	41.67	
			For Low-E Insulated Glass, Add	86.82	
			For Obscure Glass, Add	95.50	
08 53 13 00-0184	EA		30" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	506.26	75.64
			For Colored Vinyl, Add	35.50	
			For Tinted Glass, Add	42.60	
			For Low-E Insulated Glass, Add	88.75	
			For Obscure Glass, Add	97.62	
08 53 13 00-0185	EA		32" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	512.92	76.80
			For Colored Vinyl, Add	35.93	
			For Tinted Glass, Add	43.12	
			For Low-E Insulated Glass, Add	89.83	
			For Obscure Glass, Add	98.82	
08 53 13 00-0186	EA		36" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	533.66	79.12
			For Colored Vinyl, Add	37.54	
			For Tinted Glass, Add	45.05	
			For Low-E Insulated Glass, Add	93.85	
			For Obscure Glass, Add	103.24	

08 Openings**08 50 Windows****08 53 Plastic Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 53 13 00-0187	EA	44" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	567.59	83.78
		For Colored Vinyl, Add	40.00	
		For Tinted Glass, Add	48.00	
		For Low-E Insulated Glass, Add	100.01	
		For Obscure Glass, Add	110.01	
08 53 13 00-0188		72" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) (08 53 13 00-0103)		
08 53 13 00-0189	EA	24" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	499.12	75.64
		For Colored Vinyl, Add	34.79	
		For Tinted Glass, Add	41.74	
		For Low-E Insulated Glass, Add	86.96	
		For Obscure Glass, Add	95.66	
08 53 13 00-0190	EA	28" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	513.71	77.97
		For Colored Vinyl, Add	35.78	
		For Tinted Glass, Add	42.93	
		For Low-E Insulated Glass, Add	89.45	
		For Obscure Glass, Add	98.39	
08 53 13 00-0191	EA	30" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	523.75	79.12
		For Colored Vinyl, Add	36.55	
		For Tinted Glass, Add	43.86	
		For Low-E Insulated Glass, Add	91.37	
		For Obscure Glass, Add	100.51	
08 53 13 00-0192	EA	32" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	530.41	80.29
		For Colored Vinyl, Add	36.98	
		For Tinted Glass, Add	44.38	
		For Low-E Insulated Glass, Add	92.46	
		For Obscure Glass, Add	101.70	
08 53 13 00-0193	EA	36" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	551.12	82.62
		For Colored Vinyl, Add	38.59	
		For Tinted Glass, Add	46.31	
		For Low-E Insulated Glass, Add	96.47	
		For Obscure Glass, Add	106.12	
08 53 13 00-0194	EA	44" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	585.07	87.27
		For Colored Vinyl, Add	41.05	
		For Tinted Glass, Add	49.26	
		For Low-E Insulated Glass, Add	102.63	
		For Obscure Glass, Add	112.90	
08 53 13 00-0195		Replacement, Double Hung Vinyl Windows (Silver Line 8500) (08 53 13 00-0102)		
		Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0196	EA	Up To 73" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	479.77	61.09
		For Colored Vinyl, Add	35.76	
		For Tinted Glass, Add	42.91	
		For Low-E Insulated Glass, Add	89.40	
		For Obscure Glass, Add	98.34	
08 53 13 00-0197	EA	>73" To 83" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	528.77	66.91
		For Colored Vinyl, Add	39.50	
		For Tinted Glass, Add	47.40	
		For Low-E Insulated Glass, Add	98.74	
		For Obscure Glass, Add	108.61	
08 53 13 00-0198	EA	>83" To 93" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	574.98	72.73
		For Colored Vinyl, Add	42.95	
		For Tinted Glass, Add	51.54	
		For Low-E Insulated Glass, Add	107.38	
		For Obscure Glass, Add	118.12	
08 53 13 00-0199	EA	>93" To 101" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	609.44	78.55
		For Colored Vinyl, Add	45.24	
		For Tinted Glass, Add	54.28	
		For Low-E Insulated Glass, Add	113.09	
		For Obscure Glass, Add	124.40	
08 53 13 00-0200	EA	>101" To 110" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	645.98	84.36
		For Colored Vinyl, Add	47.73	
		For Tinted Glass, Add	57.27	
		For Low-E Insulated Glass, Add	119.32	
		For Obscure Glass, Add	131.25	
08 53 13 00-0201	EA	>110" To 120" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	701.01	90.18
		For Colored Vinyl, Add	52.07	
		For Tinted Glass, Add	62.48	
		For Low-E Insulated Glass, Add	130.16	
		For Obscure Glass, Add	143.18	
08 53 13 00-0202	UI	>120" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	5.85	0.75
		For Colored Vinyl, Add	0.43	
		For Tinted Glass, Add	0.52	
		For Low-E Insulated Glass, Add	1.09	
		For Obscure Glass, Add	1.19	
08 53 13 00-0203		Casement Vinyl Windows (08 53 13)		
08 53 13 00-0204		New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0203)		
		Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 53 13 00-0205		One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0204)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 53 13 00-0206 24" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)

08 53 13 00-0207	EA		17" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	356.72	44.22
			For Colored Vinyl, Add	26.95	
			For Tinted Glass, Add	32.33	
			For Low-E Insulated Glass, Add	67.36	
			For Obscure Glass, Add	74.10	
08 53 13 00-0208	EA		20" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	369.31	45.38
			For Colored Vinyl, Add	27.86	
			For Tinted Glass, Add	33.43	
			For Low-E Insulated Glass, Add	69.64	
			For Obscure Glass, Add	76.60	
08 53 13 00-0209	EA		24" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	383.06	47.71
			For Colored Vinyl, Add	28.76	
			For Tinted Glass, Add	34.52	
			For Low-E Insulated Glass, Add	71.91	
			For Obscure Glass, Add	79.10	
08 53 13 00-0210	EA		28" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	406.83	50.03
			For Colored Vinyl, Add	30.68	
			For Tinted Glass, Add	36.81	
			For Low-E Insulated Glass, Add	76.69	
			For Obscure Glass, Add	84.36	

08 53 13 00-0211 28" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)

08 53 13 00-0212	EA		17" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	378.31	46.55
			For Colored Vinyl, Add	28.64	
			For Tinted Glass, Add	34.37	
			For Low-E Insulated Glass, Add	71.60	
			For Obscure Glass, Add	78.75	
08 53 13 00-0213	EA		20" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	391.94	47.71
			For Colored Vinyl, Add	29.65	
			For Tinted Glass, Add	35.58	
			For Low-E Insulated Glass, Add	74.13	
			For Obscure Glass, Add	81.54	
08 53 13 00-0214	EA		24" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	406.69	50.03
			For Colored Vinyl, Add	30.66	
			For Tinted Glass, Add	36.79	
			For Low-E Insulated Glass, Add	76.66	
			For Obscure Glass, Add	84.32	
08 53 13 00-0215	EA		28" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	431.69	52.37
			For Colored Vinyl, Add	32.70	
			For Tinted Glass, Add	39.24	
			For Low-E Insulated Glass, Add	81.74	
			For Obscure Glass, Add	89.92	

08 53 13 00-0216 36" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)

08 53 13 00-0217	EA		17" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	404.65	50.03
			For Colored Vinyl, Add	30.46	
			For Tinted Glass, Add	36.55	
			For Low-E Insulated Glass, Add	76.15	
			For Obscure Glass, Add	83.76	
08 53 13 00-0218	EA		20" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	418.77	52.37
			For Colored Vinyl, Add	31.52	
			For Tinted Glass, Add	37.83	
			For Low-E Insulated Glass, Add	78.80	
			For Obscure Glass, Add	86.68	
08 53 13 00-0219	EA		24" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	434.10	54.11
			For Colored Vinyl, Add	32.59	
			For Tinted Glass, Add	39.11	
			For Low-E Insulated Glass, Add	81.47	
			For Obscure Glass, Add	89.62	
08 53 13 00-0220	EA		28" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	460.08	56.43
			For Colored Vinyl, Add	34.72	
			For Tinted Glass, Add	41.67	
			For Low-E Insulated Glass, Add	86.80	
			For Obscure Glass, Add	95.48	

08 53 13 00-0221 40" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)

08 53 13 00-0222	EA		17" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	428.02	53.52
			For Colored Vinyl, Add	32.21	
			For Tinted Glass, Add	38.66	
			For Low-E Insulated Glass, Add	80.53	
			For Obscure Glass, Add	88.59	
08 53 13 00-0223	EA		20" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	442.87	54.69
			For Colored Vinyl, Add	33.35	
			For Tinted Glass, Add	40.02	
			For Low-E Insulated Glass, Add	83.37	
			For Obscure Glass, Add	91.71	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 53 13 00-0224	EA 24" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	458.89	57.02
	For Colored Vinyl, Add	34.49	
	For Tinted Glass, Add	41.38	
	For Low-E Insulated Glass, Add	86.22	
	For Obscure Glass, Add	94.84	
08 53 13 00-0225	EA 28" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	486.88	59.34
	For Colored Vinyl, Add	36.82	
	For Tinted Glass, Add	44.18	
	For Low-E Insulated Glass, Add	92.05	
	For Obscure Glass, Add	101.26	
08 53 13 00-0226	48" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)		
08 53 13 00-0227	EA 17" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	455.05	58.18
	For Colored Vinyl, Add	33.99	
	For Tinted Glass, Add	40.78	
	For Low-E Insulated Glass, Add	84.96	
	For Obscure Glass, Add	93.46	
08 53 13 00-0228	EA 20" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	470.51	59.34
	For Colored Vinyl, Add	35.18	
	For Tinted Glass, Add	42.22	
	For Low-E Insulated Glass, Add	87.96	
	For Obscure Glass, Add	96.75	
08 53 13 00-0229	EA 24" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	487.19	61.67
	For Colored Vinyl, Add	36.38	
	For Tinted Glass, Add	43.66	
	For Low-E Insulated Glass, Add	90.96	
	For Obscure Glass, Add	100.06	
08 53 13 00-0230	EA 28" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	517.84	64.00
	For Colored Vinyl, Add	38.98	
	For Tinted Glass, Add	46.78	
	For Low-E Insulated Glass, Add	97.46	
	For Obscure Glass, Add	107.21	
08 53 13 00-0231	52" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)		
08 53 13 00-0232	EA 17" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	477.33	60.51
	For Colored Vinyl, Add	35.75	
	For Tinted Glass, Add	42.90	
	For Low-E Insulated Glass, Add	89.37	
	For Obscure Glass, Add	98.31	
08 53 13 00-0233	EA 20" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	493.65	61.67
	For Colored Vinyl, Add	37.03	
	For Tinted Glass, Add	44.44	
	For Low-E Insulated Glass, Add	92.58	
	For Obscure Glass, Add	101.83	
08 53 13 00-0234	EA 24" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	511.09	64.00
	For Colored Vinyl, Add	38.31	
	For Tinted Glass, Add	45.97	
	For Low-E Insulated Glass, Add	95.77	
	For Obscure Glass, Add	105.35	
08 53 13 00-0235	EA 28" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	542.26	66.33
	For Colored Vinyl, Add	40.96	
	For Tinted Glass, Add	49.15	
	For Low-E Insulated Glass, Add	102.40	
	For Obscure Glass, Add	112.64	
08 53 13 00-0236	60" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)		
08 53 13 00-0237	EA 17" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	503.12	64.00
	For Colored Vinyl, Add	37.51	
	For Tinted Glass, Add	45.01	
	For Low-E Insulated Glass, Add	93.78	
	For Obscure Glass, Add	103.16	
08 53 13 00-0238	EA 20" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	520.24	66.33
	For Colored Vinyl, Add	38.88	
	For Tinted Glass, Add	46.65	
	For Low-E Insulated Glass, Add	97.19	
	For Obscure Glass, Add	106.91	
08 53 13 00-0239	EA 24" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	538.52	68.07
	For Colored Vinyl, Add	40.24	
	For Tinted Glass, Add	48.29	
	For Low-E Insulated Glass, Add	100.60	
	For Obscure Glass, Add	110.65	
08 53 13 00-0240	EA 28" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	570.16	70.40
	For Colored Vinyl, Add	42.94	
	For Tinted Glass, Add	51.52	
	For Low-E Insulated Glass, Add	107.34	
	For Obscure Glass, Add	118.07	
08 53 13 00-0241	64" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0242	EA		17" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	526.14	67.49
			For Colored Vinyl, Add	39.23	
			For Tinted Glass, Add	47.08	
			For Low-E Insulated Glass, Add	98.08	
			For Obscure Glass, Add	107.89	
08 53 13 00-0243	EA		20" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	543.69	68.65
			For Colored Vinyl, Add	40.64	
			For Tinted Glass, Add	48.77	
			For Low-E Insulated Glass, Add	101.60	
			For Obscure Glass, Add	111.75	
08 53 13 00-0244	EA		24" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	563.10	70.98
			For Colored Vinyl, Add	42.11	
			For Tinted Glass, Add	50.54	
			For Low-E Insulated Glass, Add	105.29	
			For Obscure Glass, Add	115.81	
08 53 13 00-0245	EA		28" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	594.04	73.30
			For Colored Vinyl, Add	44.74	
			For Tinted Glass, Add	53.69	
			For Low-E Insulated Glass, Add	111.86	
			For Obscure Glass, Add	123.04	
08 53 13 00-0246			72" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)		
08 53 13 00-0247	EA		17" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	554.64	70.98
			For Colored Vinyl, Add	41.27	
			For Tinted Glass, Add	49.52	
			For Low-E Insulated Glass, Add	103.17	
			For Obscure Glass, Add	113.49	
08 53 13 00-0248	EA		20" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	573.05	73.30
			For Colored Vinyl, Add	42.76	
			For Tinted Glass, Add	51.31	
			For Low-E Insulated Glass, Add	106.90	
			For Obscure Glass, Add	117.59	
08 53 13 00-0249	EA		24" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	591.67	75.06
			For Colored Vinyl, Add	44.16	
			For Tinted Glass, Add	52.99	
			For Low-E Insulated Glass, Add	110.39	
			For Obscure Glass, Add	121.43	
08 53 13 00-0250	EA		28" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	622.25	77.38
			For Colored Vinyl, Add	46.75	
			For Tinted Glass, Add	56.10	
			For Low-E Insulated Glass, Add	116.87	
			For Obscure Glass, Add	128.56	
08 53 13 00-0251			Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0204)		
08 53 13 00-0252			36" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0251)		
08 53 13 00-0253	EA		33" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	703.68	59.34
			For Colored Vinyl, Add	58.50	
			For Tinted Glass, Add	70.20	
			For Low-E Insulated Glass, Add	146.25	
			For Obscure Glass, Add	160.88	
08 53 13 00-0254	EA		40" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	730.20	64.00
			For Colored Vinyl, Add	60.34	
			For Tinted Glass, Add	72.40	
			For Low-E Insulated Glass, Add	150.84	
			For Obscure Glass, Add	165.92	
08 53 13 00-0255	EA		48" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	757.89	68.65
			For Colored Vinyl, Add	62.18	
			For Tinted Glass, Add	74.61	
			For Low-E Insulated Glass, Add	155.44	
			For Obscure Glass, Add	170.98	
08 53 13 00-0256	EA		56" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	789.01	72.73
			For Colored Vinyl, Add	64.36	
			For Tinted Glass, Add	77.23	
			For Low-E Insulated Glass, Add	160.89	
			For Obscure Glass, Add	176.98	
08 53 13 00-0257			40" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0251)		
08 53 13 00-0258	EA		33" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	744.88	62.25
			For Colored Vinyl, Add	62.04	
			For Tinted Glass, Add	74.45	
			For Low-E Insulated Glass, Add	155.10	
			For Obscure Glass, Add	170.60	
08 53 13 00-0259	EA		40" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	772.91	66.33
			For Colored Vinyl, Add	64.03	
			For Tinted Glass, Add	76.83	
			For Low-E Insulated Glass, Add	160.06	
			For Obscure Glass, Add	176.07	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 53 13 00-0260	EA 48" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	802.12	70.98
	For Colored Vinyl, Add	66.02	
	For Tinted Glass, Add	79.22	
	For Low-E Insulated Glass, Add	165.04	
	For Obscure Glass, Add	181.54	
08 53 13 00-0261	EA 56" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	832.31	75.64
	For Colored Vinyl, Add	68.10	
	For Tinted Glass, Add	81.72	
	For Low-E Insulated Glass, Add	170.26	
	For Obscure Glass, Add	187.29	
08 53 13 00-0262	48" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0251)</small>		
08 53 13 00-0263	EA 33" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	790.27	66.91
	For Colored Vinyl, Add	65.65	
	For Tinted Glass, Add	78.78	
	For Low-E Insulated Glass, Add	164.12	
	For Obscure Glass, Add	180.53	
08 53 13 00-0264	EA 40" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	819.39	70.98
	For Colored Vinyl, Add	67.74	
	For Tinted Glass, Add	81.29	
	For Low-E Insulated Glass, Add	169.36	
	For Obscure Glass, Add	186.29	
08 53 13 00-0265	EA 48" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	849.69	75.64
	For Colored Vinyl, Add	69.84	
	For Tinted Glass, Add	83.81	
	For Low-E Insulated Glass, Add	174.61	
	For Obscure Glass, Add	192.07	
08 53 13 00-0266	EA 56" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	882.43	80.29
	For Colored Vinyl, Add	72.19	
	For Tinted Glass, Add	86.62	
	For Low-E Insulated Glass, Add	180.46	
	For Obscure Glass, Add	198.51	
08 53 13 00-0267	52" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0251)</small>		
08 53 13 00-0268	EA 33" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	830.93	69.24
	For Colored Vinyl, Add	69.25	
	For Tinted Glass, Add	83.10	
	For Low-E Insulated Glass, Add	173.12	
	For Obscure Glass, Add	190.43	
08 53 13 00-0269	EA 40" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	861.50	73.30
	For Colored Vinyl, Add	71.49	
	For Tinted Glass, Add	85.79	
	For Low-E Insulated Glass, Add	178.72	
	For Obscure Glass, Add	196.59	
08 53 13 00-0270	EA 48" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	893.22	77.97
	For Colored Vinyl, Add	73.73	
	For Tinted Glass, Add	88.48	
	For Low-E Insulated Glass, Add	184.33	
	For Obscure Glass, Add	202.76	
08 53 13 00-0271	EA 56" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	926.46	82.62
	For Colored Vinyl, Add	76.12	
	For Tinted Glass, Add	91.35	
	For Low-E Insulated Glass, Add	190.31	
	For Obscure Glass, Add	209.34	
08 53 13 00-0272	60" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0251)</small>		
08 53 13 00-0273	EA 33" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	875.08	73.30
	For Colored Vinyl, Add	72.85	
	For Tinted Glass, Add	87.42	
	For Low-E Insulated Glass, Add	182.12	
	For Obscure Glass, Add	200.33	
08 53 13 00-0274	EA 40" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	907.09	77.97
	For Colored Vinyl, Add	75.23	
	For Tinted Glass, Add	90.28	
	For Low-E Insulated Glass, Add	188.08	
	For Obscure Glass, Add	206.89	
08 53 13 00-0275	EA 48" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	940.25	82.62
	For Colored Vinyl, Add	77.62	
	For Tinted Glass, Add	93.14	
	For Low-E Insulated Glass, Add	194.05	
	For Obscure Glass, Add	213.45	
08 53 13 00-0276	EA 56" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	973.97	86.69
	For Colored Vinyl, Add	80.06	
	For Tinted Glass, Add	96.07	
	For Low-E Insulated Glass, Add	200.15	
	For Obscure Glass, Add	220.16	
08 53 13 00-0277	64" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0251)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0278	EA		33" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	918.07	76.21
			For Colored Vinyl, Add	76.56	
			For Tinted Glass, Add	91.88	
			For Low-E Insulated Glass, Add	191.41	
			For Obscure Glass, Add	210.55	
08 53 13 00-0279	EA		40" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	950.09	80.29
			For Colored Vinyl, Add	78.95	
			For Tinted Glass, Add	94.74	
			For Low-E Insulated Glass, Add	197.38	
			For Obscure Glass, Add	217.12	
08 53 13 00-0280	EA		48" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	983.13	84.94
			For Colored Vinyl, Add	81.32	
			For Tinted Glass, Add	97.59	
			For Low-E Insulated Glass, Add	203.31	
			For Obscure Glass, Add	223.64	
08 53 13 00-0281	EA		56" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,016.95	89.60
			For Colored Vinyl, Add	83.78	
			For Tinted Glass, Add	100.53	
			For Low-E Insulated Glass, Add	209.44	
			For Obscure Glass, Add	230.38	
08 53 13 00-0282			72" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0251)		
08 53 13 00-0283	EA		33" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	965.79	80.29
			For Colored Vinyl, Add	80.52	
			For Tinted Glass, Add	96.63	
			For Low-E Insulated Glass, Add	201.30	
			For Obscure Glass, Add	221.43	
08 53 13 00-0284	EA		40" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	997.81	84.94
			For Colored Vinyl, Add	82.91	
			For Tinted Glass, Add	99.49	
			For Low-E Insulated Glass, Add	207.27	
			For Obscure Glass, Add	228.00	
08 53 13 00-0285	EA		48" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,031.00	89.60
			For Colored Vinyl, Add	85.30	
			For Tinted Glass, Add	102.36	
			For Low-E Insulated Glass, Add	213.24	
			For Obscure Glass, Add	234.56	
08 53 13 00-0286	EA		56" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,064.71	93.67
			For Colored Vinyl, Add	87.74	
			For Tinted Glass, Add	105.28	
			For Low-E Insulated Glass, Add	219.34	
			For Obscure Glass, Add	241.28	
08 53 13 00-0287			Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0204)		
08 53 13 00-0288			36" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0287)		
08 53 13 00-0289	EA		62" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	869.62	75.64
			For Colored Vinyl, Add	71.84	
			For Tinted Glass, Add	86.20	
			For Low-E Insulated Glass, Add	179.59	
			For Obscure Glass, Add	197.55	
08 53 13 00-0290	EA		72" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	911.52	81.45
			For Colored Vinyl, Add	74.86	
			For Tinted Glass, Add	89.83	
			For Low-E Insulated Glass, Add	187.15	
			For Obscure Glass, Add	205.87	
08 53 13 00-0291	EA		86" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	985.91	90.18
			For Colored Vinyl, Add	80.56	
			For Tinted Glass, Add	96.67	
			For Low-E Insulated Glass, Add	201.39	
			For Obscure Glass, Add	221.53	
08 53 13 00-0292			40" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0287)		
08 53 13 00-0293	EA		62" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	925.91	79.12
			For Colored Vinyl, Add	76.88	
			For Tinted Glass, Add	92.26	
			For Low-E Insulated Glass, Add	192.21	
			For Obscure Glass, Add	211.43	
08 53 13 00-0294	EA		72" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	968.11	84.36
			For Colored Vinyl, Add	79.94	
			For Tinted Glass, Add	95.93	
			For Low-E Insulated Glass, Add	199.85	
			For Obscure Glass, Add	219.83	
08 53 13 00-0295	EA		86" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,046.59	93.09
			For Colored Vinyl, Add	86.04	
			For Tinted Glass, Add	103.25	
			For Low-E Insulated Glass, Add	215.10	
			For Obscure Glass, Add	236.61	

08 Openings**08 50 Windows****08 53 Plastic Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0296			48" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0287)</small>		
08 53 13 00-0297	EA		62" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	979.63	83.78
			<i>For Colored Vinyl, Add</i>	81.21	
			<i>For Tinted Glass, Add</i>	97.45	
			<i>For Low-E Insulated Glass, Add</i>	203.02	
			<i>For Obscure Glass, Add</i>	223.32	
08 53 13 00-0298	EA		72" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,028.93	89.02
			<i>For Colored Vinyl, Add</i>	85.09	
			<i>For Tinted Glass, Add</i>	102.11	
			<i>For Low-E Insulated Glass, Add</i>	212.72	
			<i>For Obscure Glass, Add</i>	233.99	
08 53 13 00-0299	EA		86" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,110.90	97.75
			<i>For Colored Vinyl, Add</i>	91.54	
			<i>For Tinted Glass, Add</i>	109.85	
			<i>For Low-E Insulated Glass, Add</i>	228.85	
			<i>For Obscure Glass, Add</i>	251.74	
08 53 13 00-0300			52" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0287)</small>		
08 53 13 00-0301	EA		62" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,033.02	86.11
			<i>For Colored Vinyl, Add</i>	86.08	
			<i>For Tinted Glass, Add</i>	103.30	
			<i>For Low-E Insulated Glass, Add</i>	215.20	
			<i>For Obscure Glass, Add</i>	236.72	
08 53 13 00-0302	EA		72" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,085.60	91.93
			<i>For Colored Vinyl, Add</i>	90.18	
			<i>For Tinted Glass, Add</i>	108.21	
			<i>For Low-E Insulated Glass, Add</i>	225.44	
			<i>For Obscure Glass, Add</i>	247.98	
08 53 13 00-0303	EA		86" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,178.65	100.07
			<i>For Colored Vinyl, Add</i>	97.85	
			<i>For Tinted Glass, Add</i>	117.42	
			<i>For Low-E Insulated Glass, Add</i>	244.63	
			<i>For Obscure Glass, Add</i>	269.09	
08 53 13 00-0304			60" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0287)</small>		
08 53 13 00-0305	EA		62" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,089.87	90.18
			<i>For Colored Vinyl, Add</i>	90.95	
			<i>For Tinted Glass, Add</i>	109.14	
			<i>For Low-E Insulated Glass, Add</i>	227.38	
			<i>For Obscure Glass, Add</i>	250.12	
08 53 13 00-0306	EA		72" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,144.59	95.99
			<i>For Colored Vinyl, Add</i>	95.26	
			<i>For Tinted Glass, Add</i>	114.31	
			<i>For Low-E Insulated Glass, Add</i>	238.15	
			<i>For Obscure Glass, Add</i>	261.96	
08 53 13 00-0307	EA		86" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,249.89	104.15
			<i>For Colored Vinyl, Add</i>	104.16	
			<i>For Tinted Glass, Add</i>	124.99	
			<i>For Low-E Insulated Glass, Add</i>	260.40	
			<i>For Obscure Glass, Add</i>	286.44	
08 53 13 00-0308			64" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0287)</small>		
08 53 13 00-0309	EA		62" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,150.72	93.09
			<i>For Colored Vinyl, Add</i>	96.45	
			<i>For Tinted Glass, Add</i>	115.74	
			<i>For Low-E Insulated Glass, Add</i>	241.14	
			<i>For Obscure Glass, Add</i>	265.25	
08 53 13 00-0310	EA		72" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,205.41	98.90
			<i>For Colored Vinyl, Add</i>	100.76	
			<i>For Tinted Glass, Add</i>	120.91	
			<i>For Low-E Insulated Glass, Add</i>	251.90	
			<i>For Obscure Glass, Add</i>	277.09	
08 53 13 00-0311	EA		86" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,310.70	107.06
			<i>For Colored Vinyl, Add</i>	109.66	
			<i>For Tinted Glass, Add</i>	131.59	
			<i>For Low-E Insulated Glass, Add</i>	274.15	
			<i>For Obscure Glass, Add</i>	301.57	
08 53 13 00-0312			72" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0287)</small>		
08 53 13 00-0313	EA		62" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,214.00	97.16
			<i>For Colored Vinyl, Add</i>	101.97	
			<i>For Tinted Glass, Add</i>	122.36	
			<i>For Low-E Insulated Glass, Add</i>	254.92	
			<i>For Obscure Glass, Add</i>	280.41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0314	EA		72" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7500).....	1,268.69	102.98
			For Colored Vinyl, Add	106.27	
			For Tinted Glass, Add	127.53	
			For Low-E Insulated Glass, Add	265.68	
			For Obscure Glass, Add	292.25	
08 53 13 00-0315	EA		86" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7500).....	1,374.00	111.12
			For Colored Vinyl, Add	115.18	
			For Tinted Glass, Add	138.21	
			For Low-E Insulated Glass, Add	287.94	
			For Obscure Glass, Add	316.73	
08 53 13 00-0316			Replacement, Casement Vinyl Windows (Silver Line 7500) <small>(08 53 13 00-0203)</small>		
			Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0317			One Operating Sash, Replacement, Casement Vinyl Windows (Silver Line 7500) <small>(08 53 13 00-0316)</small>		
08 53 13 00-0318	EA		Up To 53" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500).....	454.95	49.46
			For Colored Vinyl, Add	35.61	
			For Tinted Glass, Add	42.73	
			For Low-E Insulated Glass, Add	89.01	
			For Obscure Glass, Add	97.91	
08 53 13 00-0319	EA		>53 To 63" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500).....	516.14	55.28
			For Colored Vinyl, Add	40.56	
			For Tinted Glass, Add	48.67	
			For Low-E Insulated Glass, Add	101.40	
			For Obscure Glass, Add	111.54	
08 53 13 00-0320	EA		>63 To 73" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500).....	571.73	61.09
			For Colored Vinyl, Add	44.96	
			For Tinted Glass, Add	53.95	
			For Low-E Insulated Glass, Add	112.39	
			For Obscure Glass, Add	123.63	
08 53 13 00-0321	EA		>73" To 83" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500).....	621.71	66.91
			For Colored Vinyl, Add	48.79	
			For Tinted Glass, Add	58.55	
			For Low-E Insulated Glass, Add	121.98	
			For Obscure Glass, Add	134.17	
08 53 13 00-0322	EA		>83" To 93" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500).....	666.10	72.73
			For Colored Vinyl, Add	52.07	
			For Tinted Glass, Add	62.48	
			For Low-E Insulated Glass, Add	130.16	
			For Obscure Glass, Add	143.18	
08 53 13 00-0323	EA		>93" To 101" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500).....	694.25	78.55
			For Colored Vinyl, Add	53.72	
			For Tinted Glass, Add	64.46	
			For Low-E Insulated Glass, Add	134.29	
			For Obscure Glass, Add	147.72	
08 53 13 00-0324	UI		>101" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500).....	6.83	0.75
			For Colored Vinyl, Add	0.53	
			For Tinted Glass, Add	0.64	
			For Low-E Insulated Glass, Add	1.33	
			For Obscure Glass, Add	1.46	
08 53 13 00-0325			Two Operating Sashes, Replacement, Casement Vinyl Windows (Silver Line 7500) <small>(08 53 13 00-0316)</small>		
08 53 13 00-0326	EA		Up To 73" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	745.42	61.09
			For Colored Vinyl, Add	62.32	
			For Tinted Glass, Add	74.79	
			For Low-E Insulated Glass, Add	155.81	
			For Obscure Glass, Add	171.39	
08 53 13 00-0327	EA		>73" To 83" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	819.19	66.91
			For Colored Vinyl, Add	68.54	
			For Tinted Glass, Add	82.25	
			For Low-E Insulated Glass, Add	171.35	
			For Obscure Glass, Add	188.48	
08 53 13 00-0328	EA		>83" To 93" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	887.37	72.73
			For Colored Vinyl, Add	74.19	
			For Tinted Glass, Add	89.03	
			For Low-E Insulated Glass, Add	185.48	
			For Obscure Glass, Add	204.03	
08 53 13 00-0329	EA		>93" To 101" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	934.56	78.55
			For Colored Vinyl, Add	77.75	
			For Tinted Glass, Add	93.30	
			For Low-E Insulated Glass, Add	194.37	
			For Obscure Glass, Add	213.80	
08 53 13 00-0330	EA		>101" To 110" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	984.68	84.36
			For Colored Vinyl, Add	81.60	
			For Tinted Glass, Add	97.92	
			For Low-E Insulated Glass, Add	203.99	
			For Obscure Glass, Add	224.39	
08 53 13 00-0331	EA		>110" To 120" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	1,036.91	90.18
			For Colored Vinyl, Add	85.66	
			For Tinted Glass, Add	102.79	
			For Low-E Insulated Glass, Add	214.14	
			For Obscure Glass, Add	235.55	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 53 13 00-0332	UI >120" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	8.65	0.75
	For Colored Vinyl, Add	0.71	
	For Tinted Glass, Add	0.86	
	For Low-E Insulated Glass, Add	1.79	
	For Obscure Glass, Add	1.96	
08 53 13 00-0333	Three Operating Sashes, Replacement, Casement Vinyl Windows (Silver Line 7500) (08 53 13 00-0316)		
08 53 13 00-0334	EA Up To 73" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	776.07	61.09
	For Colored Vinyl, Add	65.39	
	For Tinted Glass, Add	78.47	
	For Low-E Insulated Glass, Add	163.47	
	For Obscure Glass, Add	179.82	
08 53 13 00-0335	EA >73" To 83" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	853.20	66.91
	For Colored Vinyl, Add	71.94	
	For Tinted Glass, Add	86.33	
	For Low-E Insulated Glass, Add	179.85	
	For Obscure Glass, Add	197.83	
08 53 13 00-0336	EA >83" To 93" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	926.42	72.73
	For Colored Vinyl, Add	78.10	
	For Tinted Glass, Add	93.72	
	For Low-E Insulated Glass, Add	195.24	
	For Obscure Glass, Add	214.77	
08 53 13 00-0337	EA >93" To 101" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	976.97	78.55
	For Colored Vinyl, Add	81.99	
	For Tinted Glass, Add	98.39	
	For Low-E Insulated Glass, Add	204.97	
	For Obscure Glass, Add	225.47	
08 53 13 00-0338	EA >101" To 110" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	1,030.86	84.36
	For Colored Vinyl, Add	86.21	
	For Tinted Glass, Add	103.46	
	For Low-E Insulated Glass, Add	215.54	
	For Obscure Glass, Add	237.09	
08 53 13 00-0339	EA >110" To 120" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	1,087.29	90.18
	For Colored Vinyl, Add	90.69	
	For Tinted Glass, Add	108.83	
	For Low-E Insulated Glass, Add	226.73	
	For Obscure Glass, Add	249.41	
08 53 13 00-0340	UI >120" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	9.07	0.75
	For Colored Vinyl, Add	0.76	
	For Tinted Glass, Add	0.91	
	For Low-E Insulated Glass, Add	1.89	
	For Obscure Glass, Add	2.08	
08 53 13 00-0341	Awning Vinyl Windows (08 53 13)		
08 53 13 00-0342	New Construction, Awning Vinyl Windows (Silver Line 7450) (08 53 13 00-0341) Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 53 13 00-0343	Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) (08 53 13 00-0342)		
08 53 13 00-0344	17" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) (08 53 13 00-0343)		
08 53 13 00-0345	EA 24" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	456.99	47.71
	For Colored Vinyl, Add	36.16	
	For Tinted Glass, Add	43.39	
	For Low-E Insulated Glass, Add	90.39	
	For Obscure Glass, Add	99.43	
08 53 13 00-0346	EA 28" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	478.43	50.03
	For Colored Vinyl, Add	37.84	
	For Tinted Glass, Add	45.40	
	For Low-E Insulated Glass, Add	94.59	
	For Obscure Glass, Add	104.05	
08 53 13 00-0347	EA 36" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	511.78	54.11
	For Colored Vinyl, Add	40.36	
	For Tinted Glass, Add	48.43	
	For Low-E Insulated Glass, Add	100.89	
	For Obscure Glass, Add	110.98	
08 53 13 00-0348	EA 40" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	533.43	57.02
	For Colored Vinyl, Add	41.94	
	For Tinted Glass, Add	50.33	
	For Low-E Insulated Glass, Add	104.85	
	For Obscure Glass, Add	115.34	
08 53 13 00-0349	EA 48" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	568.89	61.67
	For Colored Vinyl, Add	44.55	
	For Tinted Glass, Add	53.46	
	For Low-E Insulated Glass, Add	111.39	
	For Obscure Glass, Add	122.52	
08 53 13 00-0350	20" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) (08 53 13 00-0343)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0351	EA		24" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	481.46	50.03
			For Colored Vinyl, Add	38.26	
			For Tinted Glass, Add	45.91	
			For Low-E Insulated Glass, Add	95.64	
			For Obscure Glass, Add	105.20	
08 53 13 00-0352	EA		28" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	502.92	52.37
			For Colored Vinyl, Add	39.94	
			For Tinted Glass, Add	47.92	
			For Low-E Insulated Glass, Add	99.84	
			For Obscure Glass, Add	109.82	
08 53 13 00-0353	EA		36" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	538.58	55.85
			For Colored Vinyl, Add	42.69	
			For Tinted Glass, Add	51.22	
			For Low-E Insulated Glass, Add	106.72	
			For Obscure Glass, Add	117.39	
08 53 13 00-0354	EA		40" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	560.27	59.34
			For Colored Vinyl, Add	44.27	
			For Tinted Glass, Add	53.13	
			For Low-E Insulated Glass, Add	110.69	
			For Obscure Glass, Add	121.75	
08 53 13 00-0355	EA		48" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	598.02	63.42
			For Colored Vinyl, Add	47.12	
			For Tinted Glass, Add	56.54	
			For Low-E Insulated Glass, Add	117.80	
			For Obscure Glass, Add	129.57	
08 53 13 00-0356			24" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) <small>(08 53 13 00-0343)</small>		
08 53 13 00-0357	EA		24" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	497.77	52.37
			For Colored Vinyl, Add	39.42	
			For Tinted Glass, Add	47.31	
			For Low-E Insulated Glass, Add	98.55	
			For Obscure Glass, Add	108.41	
08 53 13 00-0358	EA		28" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	519.22	54.69
			For Colored Vinyl, Add	41.10	
			For Tinted Glass, Add	49.32	
			For Low-E Insulated Glass, Add	102.75	
			For Obscure Glass, Add	113.03	
08 53 13 00-0359	EA		36" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	556.05	58.18
			For Colored Vinyl, Add	43.97	
			For Tinted Glass, Add	52.76	
			For Low-E Insulated Glass, Add	109.92	
			For Obscure Glass, Add	120.91	
08 53 13 00-0360	EA		40" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	579.62	61.67
			For Colored Vinyl, Add	45.74	
			For Tinted Glass, Add	54.89	
			For Low-E Insulated Glass, Add	114.36	
			For Obscure Glass, Add	125.80	
08 53 13 00-0361	EA		48" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	617.85	65.74
			For Colored Vinyl, Add	48.64	
			For Tinted Glass, Add	58.36	
			For Low-E Insulated Glass, Add	121.59	
			For Obscure Glass, Add	133.75	
08 53 13 00-0362			28" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) <small>(08 53 13 00-0343)</small>		
08 53 13 00-0363	EA		24" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	514.10	54.69
			For Colored Vinyl, Add	40.59	
			For Tinted Glass, Add	48.71	
			For Low-E Insulated Glass, Add	101.47	
			For Obscure Glass, Add	111.62	
08 53 13 00-0364	EA		28" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	535.54	57.02
			For Colored Vinyl, Add	42.27	
			For Tinted Glass, Add	50.72	
			For Low-E Insulated Glass, Add	105.67	
			For Obscure Glass, Add	116.23	
08 53 13 00-0365	EA		36" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	573.56	60.51
			For Colored Vinyl, Add	45.25	
			For Tinted Glass, Add	54.30	
			For Low-E Insulated Glass, Add	113.14	
			For Obscure Glass, Add	124.45	
08 53 13 00-0366	EA		40" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	598.86	64.00
			For Colored Vinyl, Add	47.20	
			For Tinted Glass, Add	56.64	
			For Low-E Insulated Glass, Add	118.01	
			For Obscure Glass, Add	129.81	
08 53 13 00-0367	EA		48" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	637.67	68.07
			For Colored Vinyl, Add	50.15	
			For Tinted Glass, Add	60.18	
			For Low-E Insulated Glass, Add	125.38	
			For Obscure Glass, Add	137.92	
08 53 13 00-0368			36" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) <small>(08 53 13 00-0343)</small>		

08 Openings**08 50 Windows****08 53 Plastic Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 53 13 00-0369	EA 36" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	607.34	64.58
	For Colored Vinyl, Add	47.82	
	For Tinted Glass, Add	57.38	
	For Low-E Insulated Glass, Add	119.55	
	For Obscure Glass, Add	131.50	
08 53 13 00-0370	EA 40" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	632.67	67.49
	For Colored Vinyl, Add	49.77	
	For Tinted Glass, Add	59.72	
	For Low-E Insulated Glass, Add	124.42	
	For Obscure Glass, Add	136.86	
08 53 13 00-0371	EA 48" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	673.81	72.15
	For Colored Vinyl, Add	52.95	
	For Tinted Glass, Add	63.54	
	For Low-E Insulated Glass, Add	132.38	
	For Obscure Glass, Add	145.62	
08 53 13 00-0372	Replacement, Awning Vinyl Windows (Silver Line 7400) <small>(08 53 13 00-0341)</small>		
	Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0373	EA Up To 53" UI, Replacement, Awning Vinyl Window (Silver Line 7400).....	477.21	49.46
	For Colored Vinyl, Add	37.83	
	For Tinted Glass, Add	45.40	
	For Low-E Insulated Glass, Add	94.58	
	For Obscure Glass, Add	104.04	
08 53 13 00-0374	EA >53" To 63" UI, Replacement, Awning Vinyl Window (Silver Line 7400).....	551.41	55.28
	For Colored Vinyl, Add	44.09	
	For Tinted Glass, Add	52.90	
	For Low-E Insulated Glass, Add	110.22	
	For Obscure Glass, Add	121.24	
08 53 13 00-0375	EA >63" To 73" UI, Replacement, Awning Vinyl Window (Silver Line 7400).....	622.81	61.09
	For Colored Vinyl, Add	50.06	
	For Tinted Glass, Add	60.08	
	For Low-E Insulated Glass, Add	125.16	
	For Obscure Glass, Add	137.67	
08 53 13 00-0376	EA >73" To 83" UI, Replacement, Awning Vinyl Window (Silver Line 7400).....	691.40	66.91
	For Colored Vinyl, Add	55.76	
	For Tinted Glass, Add	66.91	
	For Low-E Insulated Glass, Add	139.40	
	For Obscure Glass, Add	153.34	
08 53 13 00-0377	EA >83" To 93" UI, Replacement, Awning Vinyl Window (Silver Line 7400).....	757.21	72.73
	For Colored Vinyl, Add	61.18	
	For Tinted Glass, Add	73.41	
	For Low-E Insulated Glass, Add	152.94	
	For Obscure Glass, Add	168.23	
08 53 13 00-0378	EA >93" To 101" UI, Replacement, Awning Vinyl Window (Silver Line 7400).....	793.20	78.55
	For Colored Vinyl, Add	63.61	
	For Tinted Glass, Add	76.33	
	For Low-E Insulated Glass, Add	159.03	
	For Obscure Glass, Add	174.93	
08 53 13 00-0379	UI >101" UI, Replacement, Awning Vinyl Window (Silver Line 7400).....	7.81	0.75
	For Colored Vinyl, Add	0.63	
	For Tinted Glass, Add	0.76	
	For Low-E Insulated Glass, Add	1.58	
	For Obscure Glass, Add	1.73	
08 53 13 00-0380	Horizontal Sliding Vinyl Windows <small>(08 53 13)</small>		
08 53 13 00-0381	New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08 53 13 00-0380)</small>		
	Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 53 13 00-0382	20" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08 53 13 00-0381)</small>		
08 53 13 00-0383	EA 36" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	281.86	57.02
	For Colored Vinyl, Add	16.90	
	For Tinted Glass, Add	20.28	
	For Low-E Insulated Glass, Add	42.25	
	For Obscure Glass, Add	46.47	
08 53 13 00-0384	EA 48" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	312.40	64.00
	For Colored Vinyl, Add	18.56	
	For Tinted Glass, Add	22.27	
	For Low-E Insulated Glass, Add	46.39	
	For Obscure Glass, Add	51.03	
08 53 13 00-0385	EA 54" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	327.65	66.91
	For Colored Vinyl, Add	19.38	
	For Tinted Glass, Add	23.26	
	For Low-E Insulated Glass, Add	48.46	
	For Obscure Glass, Add	53.31	
08 53 13 00-0386	EA 60" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	342.93	70.40
	For Colored Vinyl, Add	20.21	
	For Tinted Glass, Add	24.26	
	For Low-E Insulated Glass, Add	50.53	
	For Obscure Glass, Add	55.59	
08 53 13 00-0387	EA 64" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	353.09	73.30
	For Colored Vinyl, Add	20.76	
	For Tinted Glass, Add	24.92	
	For Low-E Insulated Glass, Add	51.91	
	For Obscure Glass, Add	57.10	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
08 53 13 00-0388	EA 72" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	373.46		77.38
	For Colored Vinyl, Add	21.87		
	For Tinted Glass, Add	26.24		
	For Low-E Insulated Glass, Add	54.68		
	For Obscure Glass, Add	60.14		
08 53 13 00-0389	24" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) (08 53 13 00-0381)			
08 53 13 00-0390	EA 36" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	295.84		59.34
	For Colored Vinyl, Add	17.83		
	For Tinted Glass, Add	21.40		
	For Low-E Insulated Glass, Add	44.58		
	For Obscure Glass, Add	49.04		
08 53 13 00-0391	EA 48" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	327.12		66.33
	For Colored Vinyl, Add	19.56		
	For Tinted Glass, Add	23.48		
	For Low-E Insulated Glass, Add	48.91		
	For Obscure Glass, Add	53.80		
08 53 13 00-0392	EA 54" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	342.87		69.24
	For Colored Vinyl, Add	20.44		
	For Tinted Glass, Add	24.53		
	For Low-E Insulated Glass, Add	51.10		
	For Obscure Glass, Add	56.21		
08 53 13 00-0393	EA 60" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	358.44		72.73
	For Colored Vinyl, Add	21.30		
	For Tinted Glass, Add	25.56		
	For Low-E Insulated Glass, Add	53.25		
	For Obscure Glass, Add	58.57		
08 53 13 00-0394	EA 64" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	368.86		75.64
	For Colored Vinyl, Add	21.88		
	For Tinted Glass, Add	26.25		
	For Low-E Insulated Glass, Add	54.69		
	For Obscure Glass, Add	60.16		
08 53 13 00-0395	EA 72" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	389.73		79.71
	For Colored Vinyl, Add	23.03		
	For Tinted Glass, Add	27.64		
	For Low-E Insulated Glass, Add	57.58		
	For Obscure Glass, Add	63.34		
08 53 13 00-0396	36" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) (08 53 13 00-0381)			
08 53 13 00-0397	EA 36" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	338.01		66.33
	For Colored Vinyl, Add	20.65		
	For Tinted Glass, Add	24.78		
	For Low-E Insulated Glass, Add	51.63		
	For Obscure Glass, Add	56.79		
08 53 13 00-0398	EA 48" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	371.73		73.30
	For Colored Vinyl, Add	22.63		
	For Tinted Glass, Add	27.15		
	For Low-E Insulated Glass, Add	56.57		
	For Obscure Glass, Add	62.23		
08 53 13 00-0399	EA 54" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	388.63		76.21
	For Colored Vinyl, Add	23.62		
	For Tinted Glass, Add	28.34		
	For Low-E Insulated Glass, Add	59.05		
	For Obscure Glass, Add	64.95		
08 53 13 00-0400	EA 60" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	405.49		79.71
	For Colored Vinyl, Add	24.61		
	For Tinted Glass, Add	29.53		
	For Low-E Insulated Glass, Add	61.52		
	For Obscure Glass, Add	67.67		
08 53 13 00-0401	EA 64" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	416.75		81.45
	For Colored Vinyl, Add	25.27		
	For Tinted Glass, Add	30.32		
	For Low-E Insulated Glass, Add	63.17		
	For Obscure Glass, Add	69.49		
08 53 13 00-0402	EA 72" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	439.25		86.69
	For Colored Vinyl, Add	26.59		
	For Tinted Glass, Add	31.90		
	For Low-E Insulated Glass, Add	66.47		
	For Obscure Glass, Add	73.11		
08 53 13 00-0403	42" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) (08 53 13 00-0381)			
08 53 13 00-0404	EA 36" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	359.10		69.82
	For Colored Vinyl, Add	22.06		
	For Tinted Glass, Add	26.48		
	For Low-E Insulated Glass, Add	55.16		
	For Obscure Glass, Add	60.67		
08 53 13 00-0405	EA 48" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	394.06		76.80
	For Colored Vinyl, Add	24.16		
	For Tinted Glass, Add	28.99		
	For Low-E Insulated Glass, Add	60.41		
	For Obscure Glass, Add	66.45		

08 Openings**08 50 Windows****08 53 Plastic Windows**
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08 53 13 00-0406	EA	54" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	411.56	79.71
		<i>For Colored Vinyl, Add</i>	25.22	
		<i>For Tinted Glass, Add</i>	30.26	
		<i>For Low-E Insulated Glass, Add</i>	63.04	
		<i>For Obscure Glass, Add</i>	69.34	
08 53 13 00-0407	EA	60" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	429.05	83.20
		<i>For Colored Vinyl, Add</i>	26.27	
		<i>For Tinted Glass, Add</i>	31.52	
		<i>For Low-E Insulated Glass, Add</i>	65.66	
		<i>For Obscure Glass, Add</i>	72.23	
08 53 13 00-0408	EA	64" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	440.67	86.11
		<i>For Colored Vinyl, Add</i>	26.96	
		<i>For Tinted Glass, Add</i>	32.35	
		<i>For Low-E Insulated Glass, Add</i>	67.41	
		<i>For Obscure Glass, Add</i>	74.15	
08 53 13 00-0409	EA	72" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	464.00	90.18
		<i>For Colored Vinyl, Add</i>	28.36	
		<i>For Tinted Glass, Add</i>	34.04	
		<i>For Low-E Insulated Glass, Add</i>	70.91	
		<i>For Obscure Glass, Add</i>	78.00	

08 53 13 00-0410 44" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800)
(08 53 13 00-0381)

08 53 13 00-0411	EA	36" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	366.13	70.98
		<i>For Colored Vinyl, Add</i>	22.53	
		<i>For Tinted Glass, Add</i>	27.04	
		<i>For Low-E Insulated Glass, Add</i>	56.33	
		<i>For Obscure Glass, Add</i>	61.97	
08 53 13 00-0412	EA	48" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	401.51	77.97
		<i>For Colored Vinyl, Add</i>	24.68	
		<i>For Tinted Glass, Add</i>	29.61	
		<i>For Low-E Insulated Glass, Add</i>	61.69	
		<i>For Obscure Glass, Add</i>	67.86	
08 53 13 00-0413	EA	54" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	419.18	80.87
		<i>For Colored Vinyl, Add</i>	25.74	
		<i>For Tinted Glass, Add</i>	30.89	
		<i>For Low-E Insulated Glass, Add</i>	64.36	
		<i>For Obscure Glass, Add</i>	70.80	
08 53 13 00-0414	EA	60" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	436.88	84.36
		<i>For Colored Vinyl, Add</i>	26.82	
		<i>For Tinted Glass, Add</i>	32.18	
		<i>For Low-E Insulated Glass, Add</i>	67.04	
		<i>For Obscure Glass, Add</i>	73.74	
08 53 13 00-0415	EA	64" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	448.68	87.27
		<i>For Colored Vinyl, Add</i>	27.53	
		<i>For Tinted Glass, Add</i>	33.04	
		<i>For Low-E Insulated Glass, Add</i>	68.83	
		<i>For Obscure Glass, Add</i>	75.71	
08 53 13 00-0416	EA	72" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	472.24	91.34
		<i>For Colored Vinyl, Add</i>	28.96	
		<i>For Tinted Glass, Add</i>	34.75	
		<i>For Low-E Insulated Glass, Add</i>	72.39	
		<i>For Obscure Glass, Add</i>	79.63	

08 53 13 00-0417 46" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800)
(08 53 13 00-0381)

08 53 13 00-0418	EA	36" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	373.17	72.15
		<i>For Colored Vinyl, Add</i>	23.00	
		<i>For Tinted Glass, Add</i>	27.60	
		<i>For Low-E Insulated Glass, Add</i>	57.51	
		<i>For Obscure Glass, Add</i>	63.26	
08 53 13 00-0419	EA	48" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	408.93	79.12
		<i>For Colored Vinyl, Add</i>	25.18	
		<i>For Tinted Glass, Add</i>	30.22	
		<i>For Low-E Insulated Glass, Add</i>	62.96	
		<i>For Obscure Glass, Add</i>	69.26	
08 53 13 00-0420	EA	54" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	426.83	82.03
		<i>For Colored Vinyl, Add</i>	26.28	
		<i>For Tinted Glass, Add</i>	31.53	
		<i>For Low-E Insulated Glass, Add</i>	65.69	
		<i>For Obscure Glass, Add</i>	72.26	
08 53 13 00-0421	EA	60" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	444.70	85.53
		<i>For Colored Vinyl, Add</i>	27.37	
		<i>For Tinted Glass, Add</i>	32.84	
		<i>For Low-E Insulated Glass, Add</i>	68.41	
		<i>For Obscure Glass, Add</i>	75.25	
08 53 13 00-0422	EA	64" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	456.62	88.43
		<i>For Colored Vinyl, Add</i>	28.09	
		<i>For Tinted Glass, Add</i>	33.71	
		<i>For Low-E Insulated Glass, Add</i>	70.23	
		<i>For Obscure Glass, Add</i>	77.25	
08 53 13 00-0423	EA	72" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	480.49	92.51
		<i>For Colored Vinyl, Add</i>	29.55	
		<i>For Tinted Glass, Add</i>	35.46	
		<i>For Low-E Insulated Glass, Add</i>	73.87	
		<i>For Obscure Glass, Add</i>	81.26	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 53 13 00-0424 48" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) (08 53 13 00-0381)

08 53 13 00-0425	EA		36" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	380.19	73.30
			For Colored Vinyl, Add	23.47	
			For Tinted Glass, Add	28.17	
			For Low-E Insulated Glass, Add	58.69	
			For Obscure Glass, Add	64.55	
08 53 13 00-0426	EA		48" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	416.37	80.29
			For Colored Vinyl, Add	25.70	
			For Tinted Glass, Add	30.84	
			For Low-E Insulated Glass, Add	64.24	
			For Obscure Glass, Add	70.66	
08 53 13 00-0427	EA		54" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	434.48	83.20
			For Colored Vinyl, Add	26.81	
			For Tinted Glass, Add	32.17	
			For Low-E Insulated Glass, Add	67.02	
			For Obscure Glass, Add	73.72	
08 53 13 00-0428	EA		60" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	452.54	86.69
			For Colored Vinyl, Add	27.92	
			For Tinted Glass, Add	33.50	
			For Low-E Insulated Glass, Add	69.79	
			For Obscure Glass, Add	76.77	
08 53 13 00-0429	EA		64" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	464.62	89.60
			For Colored Vinyl, Add	28.66	
			For Tinted Glass, Add	34.39	
			For Low-E Insulated Glass, Add	71.65	
			For Obscure Glass, Add	78.81	
08 53 13 00-0430	EA		72" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	488.75	93.67
			For Colored Vinyl, Add	30.14	
			For Tinted Glass, Add	36.17	
			For Low-E Insulated Glass, Add	75.35	
			For Obscure Glass, Add	82.89	

08 53 13 00-0431 50" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) (08 53 13 00-0381)

08 53 13 00-0432	EA		36" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	387.22	74.47
			For Colored Vinyl, Add	23.94	
			For Tinted Glass, Add	28.73	
			For Low-E Insulated Glass, Add	59.86	
			For Obscure Glass, Add	65.85	
08 53 13 00-0433	EA		48" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	423.80	81.45
			For Colored Vinyl, Add	26.21	
			For Tinted Glass, Add	31.45	
			For Low-E Insulated Glass, Add	65.52	
			For Obscure Glass, Add	72.07	
08 53 13 00-0434	EA		54" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	442.09	84.36
			For Colored Vinyl, Add	27.34	
			For Tinted Glass, Add	32.80	
			For Low-E Insulated Glass, Add	68.34	
			For Obscure Glass, Add	75.18	
08 53 13 00-0435	EA		60" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	460.38	87.85
			For Colored Vinyl, Add	28.47	
			For Tinted Glass, Add	34.16	
			For Low-E Insulated Glass, Add	71.17	
			For Obscure Glass, Add	78.29	
08 53 13 00-0436	EA		64" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	472.59	90.76
			For Colored Vinyl, Add	29.22	
			For Tinted Glass, Add	35.07	
			For Low-E Insulated Glass, Add	73.06	
			For Obscure Glass, Add	80.36	
08 53 13 00-0437	EA		72" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	496.99	94.84
			For Colored Vinyl, Add	30.73	
			For Tinted Glass, Add	36.88	
			For Low-E Insulated Glass, Add	76.83	
			For Obscure Glass, Add	84.51	

08 53 13 00-0438 52" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) (08 53 13 00-0381)

08 53 13 00-0439	EA		36" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	394.24	75.64
			For Colored Vinyl, Add	24.41	
			For Tinted Glass, Add	29.30	
			For Low-E Insulated Glass, Add	61.04	
			For Obscure Glass, Add	67.14	
08 53 13 00-0440	EA		48" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	431.25	82.62
			For Colored Vinyl, Add	26.72	
			For Tinted Glass, Add	32.06	
			For Low-E Insulated Glass, Add	66.80	
			For Obscure Glass, Add	73.47	
08 53 13 00-0441	EA		54" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	449.74	85.53
			For Colored Vinyl, Add	27.87	
			For Tinted Glass, Add	33.44	
			For Low-E Insulated Glass, Add	69.67	
			For Obscure Glass, Add	76.64	

08 Openings**08 50 Windows****08 53 Plastic Windows**
 MINOR
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08 53 13 00-0442	EA	60" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	468.26	89.02
		<i>For Colored Vinyl, Add</i>	29.02	
		<i>For Tinted Glass, Add</i>	34.83	
		<i>For Low-E Insulated Glass, Add</i>	72.56	
		<i>For Obscure Glass, Add</i>	79.81	
08 53 13 00-0443	EA	64" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	480.58	91.93
		<i>For Colored Vinyl, Add</i>	29.79	
		<i>For Tinted Glass, Add</i>	35.75	
		<i>For Low-E Insulated Glass, Add</i>	74.47	
		<i>For Obscure Glass, Add</i>	81.92	
08 53 13 00-0444	EA	72" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	505.26	95.99
		<i>For Colored Vinyl, Add</i>	31.33	
		<i>For Tinted Glass, Add</i>	37.59	
		<i>For Low-E Insulated Glass, Add</i>	78.32	
		<i>For Obscure Glass, Add</i>	86.15	
08 53 13 00-0445		54" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08 53 13 00-0381)</small>		
08 53 13 00-0446	EA	36" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	401.29	76.80
		<i>For Colored Vinyl, Add</i>	24.89	
		<i>For Tinted Glass, Add</i>	29.86	
		<i>For Low-E Insulated Glass, Add</i>	62.21	
		<i>For Obscure Glass, Add</i>	68.43	
08 53 13 00-0447	EA	48" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	438.68	83.78
		<i>For Colored Vinyl, Add</i>	27.23	
		<i>For Tinted Glass, Add</i>	32.67	
		<i>For Low-E Insulated Glass, Add</i>	68.07	
		<i>For Obscure Glass, Add</i>	74.88	
08 53 13 00-0448	EA	54" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	457.38	86.69
		<i>For Colored Vinyl, Add</i>	28.40	
		<i>For Tinted Glass, Add</i>	34.08	
		<i>For Low-E Insulated Glass, Add</i>	71.00	
		<i>For Obscure Glass, Add</i>	78.10	
08 53 13 00-0449	EA	60" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	476.09	90.18
		<i>For Colored Vinyl, Add</i>	29.57	
		<i>For Tinted Glass, Add</i>	35.49	
		<i>For Low-E Insulated Glass, Add</i>	73.93	
		<i>For Obscure Glass, Add</i>	81.33	
08 53 13 00-0450	EA	64" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	488.55	93.09
		<i>For Colored Vinyl, Add</i>	30.35	
		<i>For Tinted Glass, Add</i>	36.42	
		<i>For Low-E Insulated Glass, Add</i>	75.89	
		<i>For Obscure Glass, Add</i>	83.47	
08 53 13 00-0451	EA	72" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	513.48	97.16
		<i>For Colored Vinyl, Add</i>	31.92	
		<i>For Tinted Glass, Add</i>	38.30	
		<i>For Low-E Insulated Glass, Add</i>	79.79	
		<i>For Obscure Glass, Add</i>	87.77	
08 53 13 00-0452		60" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08 53 13 00-0381)</small>		
08 53 13 00-0453	EA	36" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	434.76	80.29
		<i>For Colored Vinyl, Add</i>	27.54	
		<i>For Tinted Glass, Add</i>	33.04	
		<i>For Low-E Insulated Glass, Add</i>	68.84	
		<i>For Obscure Glass, Add</i>	75.72	
08 53 13 00-0454	EA	48" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	460.99	87.27
		<i>For Colored Vinyl, Add</i>	28.76	
		<i>For Tinted Glass, Add</i>	34.51	
		<i>For Low-E Insulated Glass, Add</i>	71.90	
		<i>For Obscure Glass, Add</i>	79.09	
08 53 13 00-0455	EA	54" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	480.32	90.18
		<i>For Colored Vinyl, Add</i>	30.00	
		<i>For Tinted Glass, Add</i>	36.00	
		<i>For Low-E Insulated Glass, Add</i>	74.99	
		<i>For Obscure Glass, Add</i>	82.49	
08 53 13 00-0456	EA	60" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	499.62	93.67
		<i>For Colored Vinyl, Add</i>	31.23	
		<i>For Tinted Glass, Add</i>	37.47	
		<i>For Low-E Insulated Glass, Add</i>	78.07	
		<i>For Obscure Glass, Add</i>	85.88	
08 53 13 00-0457	EA	64" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	512.50	96.58
		<i>For Colored Vinyl, Add</i>	32.05	
		<i>For Tinted Glass, Add</i>	38.46	
		<i>For Low-E Insulated Glass, Add</i>	80.13	
		<i>For Obscure Glass, Add</i>	88.14	
08 53 13 00-0458	EA	72" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	538.25	100.65
		<i>For Colored Vinyl, Add</i>	33.69	
		<i>For Tinted Glass, Add</i>	40.43	
		<i>For Low-E Insulated Glass, Add</i>	84.24	
		<i>For Obscure Glass, Add</i>	92.66	
08 53 13 00-0459		Replacement, Horizontal Sliding Vinyl Windows (Silver Line 8700) <small>(08 53 13 00-0390)</small>		
		Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen.		
		Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0460	EA		Up To 73" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	438.91	61.09
			For Colored Vinyl, Add	31.67	
			For Tinted Glass, Add	38.01	
			For Low-E Insulated Glass, Add	79.18	
			For Obscure Glass, Add	87.10	
08 53 13 00-0461	EA		>73" To 83" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	482.31	66.91
			For Colored Vinyl, Add	34.85	
			For Tinted Glass, Add	41.82	
			For Low-E Insulated Glass, Add	87.13	
			For Obscure Glass, Add	95.84	
08 53 13 00-0462	EA		>83" To 93" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	522.92	72.73
			For Colored Vinyl, Add	37.75	
			For Tinted Glass, Add	45.30	
			For Low-E Insulated Glass, Add	94.37	
			For Obscure Glass, Add	103.80	
08 53 13 00-0463	EA		>93" To 101" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	552.89	78.55
			For Colored Vinyl, Add	39.58	
			For Tinted Glass, Add	47.50	
			For Low-E Insulated Glass, Add	98.95	
			For Obscure Glass, Add	108.85	
08 53 13 00-0464	EA		>101" To 110" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	584.40	84.36
			For Colored Vinyl, Add	41.57	
			For Tinted Glass, Add	49.88	
			For Low-E Insulated Glass, Add	103.92	
			For Obscure Glass, Add	114.31	
08 53 13 00-0465	EA		>110" To 120" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	633.83	90.18
			For Colored Vinyl, Add	45.35	
			For Tinted Glass, Add	54.42	
			For Low-E Insulated Glass, Add	113.37	
			For Obscure Glass, Add	124.70	
08 53 13 00-0466	UI		>120" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	5.29	0.75
			For Colored Vinyl, Add	0.38	
			For Tinted Glass, Add	0.45	
			For Low-E Insulated Glass, Add	0.95	
			For Obscure Glass, Add	1.04	
08 53 13 00-0467	Basement Vinyl Windows (08 53 13)				
08 53 13 00-0468	New Construction, Basement Vinyl Windows (Silver Line 5900) (08 53 13 00-0467)				
	Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.				
08 53 13 00-0469	EA		32" x 15", New Construction, Basement Vinyl Window (Silver Line 5900).....	261.04	46.55
			For Colored Vinyl, Add	16.80	
			For Tinted Glass, Add	20.15	
			For Low-E Insulated Glass, Add	41.99	
			For Obscure Glass, Add	46.19	
08 53 13 00-0470	EA		32" x 20", New Construction, Basement Vinyl Window (Silver Line 5900).....	280.63	46.55
			For Colored Vinyl, Add	18.75	
			For Tinted Glass, Add	22.50	
			For Low-E Insulated Glass, Add	46.89	
			For Obscure Glass, Add	51.57	
08 53 13 00-0471	EA		32" x 23", New Construction, Basement Vinyl Window (Silver Line 5900).....	291.83	46.55
			For Colored Vinyl, Add	19.87	
			For Tinted Glass, Add	23.85	
			For Low-E Insulated Glass, Add	49.69	
			For Obscure Glass, Add	54.65	
08 53 13 00-0472	Replacement, Basement Vinyl Windows (08 53 13 00-0467)				
	Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).				
08 53 13 00-0473	EA		Up To 47" UI, Replacement, Basement Vinyl Window.....	328.69	45.38
			For Colored Vinyl, Add	23.79	
			For Tinted Glass, Add	28.55	
			For Low-E Insulated Glass, Add	59.48	
			For Obscure Glass, Add	65.43	
08 53 13 00-0474	EA		>47" To 55" UI, Replacement, Basement Vinyl Window.....	366.44	52.37
			For Colored Vinyl, Add	26.17	
			For Tinted Glass, Add	31.41	
			For Low-E Insulated Glass, Add	65.43	
			For Obscure Glass, Add	71.97	
08 53 13 00-0475	UI		>55" UI, Replacement, Basement Vinyl Window.....	6.27	0.75
			For Colored Vinyl, Add	0.48	
			For Tinted Glass, Add	0.57	
			For Low-E Insulated Glass, Add	1.19	
			For Obscure Glass, Add	1.31	
08 53 13 00-0476	Accessories For Vinyl Windows (08 53 13)				
08 53 13 00-0477	Factory Installed Grilles For Vinyl Windows (08 53 13 00-0476)				
08 53 13 00-0478	Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows (08 53 13 00-0477)				
08 53 13 00-0479	EA		Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows.....	39.19	
08 53 13 00-0480	EA		>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows.....	50.39	
08 53 13 00-0481	EA		>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows.....	64.89	
08 53 13 00-0482	EA		>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows.....	76.60	
08 53 13 00-0483	EA		>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows.....	94.15	

08 Openings**08 50 Windows****08 53 Plastic Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 53 13 00-0484		Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows <small>(08 53 13 00-0477)</small>			
08 53 13 00-0485	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	89.06		
08 53 13 00-0486	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	106.88		
08 53 13 00-0487	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	134.87		
08 53 13 00-0488	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	167.95		
08 53 13 00-0489	EA	>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	201.03		

08 53 66 Vinyl Window Screens (08 53)

08 53 66 00-0001		Insect Screens For Vinyl Windows <small>(08 53 66)</small>			
08 53 66 00-0002	EA	Up To 6 SF, Insect Screen For Vinyl Windows	41.89	8.22	
08 53 66 00-0003	EA	>6 To 9 SF, Insect Screen For Vinyl Windows	57.16	8.22	
08 53 66 00-0004	EA	>9 To 12 SF, Insect Screen For Vinyl Windows	62.24	8.22	
08 53 66 00-0005	EA	>12 To 15 SF, Insect Screen For Vinyl Windows	72.42	8.22	
08 53 66 00-0006	EA	>15 To 20 SF, Insect Screen For Vinyl Windows	95.33	8.22	
08 53 66 00-0007	EA	>20 To 25 SF, Insect Screen For Vinyl Windows	105.50	8.22	
08 53 66 00-0008	EA	>25 To 30 SF, Insect Screen For Vinyl Windows	120.77	8.22	
08 53 66 00-0009	EA	>30 To 35 SF, Insect Screen For Vinyl Windows	130.95	8.22	
08 53 66 00-0010	SF	>35 SF, Insect Screen For Vinyl Windows	3.97	0.16	

08 56 Special Function Windows (08 50)**08 56 19 Pass Windows (08 56)**

08 56 19 00-0001		Bullet Resistant Pass Through Service Window, Steel Frame <small>(08 56 19)</small>			
Note: Secure air passage for voice transmission; Natural Voice Transmission (NVR)					
08 56 19 00-0002	EA	24" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	4,385.69	627.28	
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	45.00		
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	295.00		
08 56 19 00-0003	EA	30" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	4,832.07	679.55	
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	60.00		
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	370.00		
08 56 19 00-0004	EA	36" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	5,081.31	731.83	
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	70.00		
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	445.00		
08 56 19 00-0005	EA	48" x 40", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	6,360.74	836.37	
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	100.00		
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	650.00		
08 56 19 00-0006	EA	72" x 40", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	8,578.96	1,254.56	
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	150.00		
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	975.00		

08 56 49 Radiation Shielding Windows (08 56)

08 56 49 00-0001		Lead Lined Window Frames <small>(08 56 49)</small>			
08 56 49 00-0002	LF	1/16" Lead Lined, 16 Gauge Telescoping Window Frame	50.58	8.73	
08 56 49 00-0003	LF	1/8" Lead Lined, 16 Gauge Telescoping Window Frame	57.05	8.73	

08 56 56 Security Window Screens (08 56)

Note: Includes frame and mounting hardware. Operable security screens include hinges and related hardware.

08 56 56 00-0001		Wire Mesh Security Screen <small>(08 56 56)</small>			
08 56 56 00-0002		Wire Mesh, Inoperable, Security Window Screen <small>(08 56 56 00-0001)</small>			
08 56 56 00-0003	SF	13 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	23.16	4.71	
		For Painted Steel, Add	1.69		
		For Galvanized Steel, Add	3.38		
		For Aluminum, Add	6.76		
		For Stainless Steel, Add	29.56		
08 56 56 00-0004	SF	11 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	23.64	4.71	
		For Painted Steel, Add	1.74		
		For Galvanized Steel, Add	3.47		
		For Aluminum, Add	6.95		
		For Stainless Steel, Add	30.40		
08 56 56 00-0005	SF	9 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	25.87	4.71	
		For Painted Steel, Add	1.96		
		For Galvanized Steel, Add	3.92		
		For Aluminum, Add	7.84		
		For Stainless Steel, Add	34.30		
08 56 56 00-0006	SF	6 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	30.63	4.71	
		For Painted Steel, Add	2.44		
		For Galvanized Steel, Add	4.87		
		For Aluminum, Add	9.74		
		For Stainless Steel, Add	42.63		

08 56 56 00-0007		Wire Mesh, Operable, Security Window Screen <small>(08 56 56 00-0001)</small>			
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 56 56 00-0008	SF	13 Gauge, Wire Mesh, Operable, Steel Security Window Screen	32.42	5.75
		For Painted Steel, Add	2.41	
		For Galvanized Steel, Add	4.81	
		For Aluminum, Add	9.62	
		For Stainless Steel, Add	42.11	
08 56 56 00-0009	SF	11 Gauge, Wire Mesh, Operable, Steel Security Window Screen	33.15	5.75
		For Painted Steel, Add	2.48	
		For Galvanized Steel, Add	4.96	
		For Aluminum, Add	9.92	
		For Stainless Steel, Add	43.38	
08 56 56 00-0010	SF	9 Gauge, Wire Mesh, Operable, Steel Security Window Screen	36.35	5.75
		For Painted Steel, Add	2.80	
		For Galvanized Steel, Add	5.60	
		For Aluminum, Add	11.20	
		For Stainless Steel, Add	48.98	
08 56 56 00-0011	SF	6 Gauge, Wire Mesh, Operable, Steel Security Window Screen	43.03	5.75
		For Painted Steel, Add	3.47	
		For Galvanized Steel, Add	6.93	
		For Aluminum, Add	13.87	
		For Stainless Steel, Add	60.67	
08 56 56 00-0012		Wire Cloth Security Screen <small>(08 56 56)</small>		
		Note: Wire cloth has from 10 to 12 strands per 1".		
08 56 56 00-0013		Wire Cloth, Inoperable, Security Window Screens <small>(08 56 56 00-0012)</small>		
08 56 56 00-0014	SF	24 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	15.30	3.13
		For Painted Steel, Add	0.50	
		For Galvanized Steel, Add	1.51	
		For Aluminum, Add	3.02	
		For Stainless Steel, Add	12.59	
08 56 56 00-0015	SF	22 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	15.98	3.13
		For Painted Steel, Add	0.54	
		For Galvanized Steel, Add	1.61	
		For Aluminum, Add	3.23	
		For Stainless Steel, Add	13.44	
08 56 56 00-0016	SF	20 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	17.04	3.13
		For Painted Steel, Add	0.59	
		For Galvanized Steel, Add	1.77	
		For Aluminum, Add	3.54	
		For Stainless Steel, Add	14.76	
08 56 56 00-0017	SF	18 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	19.08	3.13
		For Painted Steel, Add	0.69	
		For Galvanized Steel, Add	2.08	
		For Aluminum, Add	4.16	
		For Stainless Steel, Add	17.31	
08 56 56 00-0018		Wire Cloth, Operable, Security Window Screens <small>(08 56 56 00-0012)</small>		
08 56 56 00-0019	SF	24 Gauge, Wire Cloth, Operable, Steel Security Window Screen	20.62	4.18
		For Painted Steel, Add	0.72	
		For Galvanized Steel, Add	2.15	
		For Aluminum, Add	4.31	
		For Stainless Steel, Add	17.94	
08 56 56 00-0020	SF	22 Gauge, Wire Cloth, Operable, Steel Security Window Screen	21.67	4.18
		For Painted Steel, Add	0.77	
		For Galvanized Steel, Add	2.31	
		For Aluminum, Add	4.62	
		For Stainless Steel, Add	19.25	
08 56 56 00-0021	SF	20 Gauge, Wire Cloth, Operable, Steel Security Window Screen	23.12	4.18
		For Painted Steel, Add	0.84	
		For Galvanized Steel, Add	2.53	
		For Aluminum, Add	5.06	
		For Stainless Steel, Add	21.06	
08 56 56 00-0022	SF	18 Gauge, Wire Cloth, Operable, Steel Security Window Screen	26.03	4.18
		For Painted Steel, Add	0.99	
		For Galvanized Steel, Add	2.96	
		For Aluminum, Add	5.93	
		For Stainless Steel, Add	24.70	
08 56 56 00-0023		Expanded Metal Security Screen <small>(08 56 56)</small>		
		Note: Flattened or standard pattern. Dimension given is the short distance across the opening (SWO). The # designation is the pattern number of the expanded metal and is not the gauge.		
08 56 56 00-0024		Expanded Metal, Inoperable, Security Screen <small>(08 56 56 00-0023)</small>		
08 56 56 00-0025	SF	1/4" #18, Thickness 0.04" Expanded Metal, Inoperable, Steel Security Window Screen	29.07	7.84
		For Painted Steel, Add	0.98	
		For Galvanized Steel, Add	2.95	
		For Aluminum, Add	5.90	
		For Stainless Steel, Add	24.58	
08 56 56 00-0026	SF	1/2" #13, Thickness 0.07" Expanded Metal, Inoperable, Steel Security Window Screen	33.97	9.41
		For Painted Steel, Add	1.12	
		For Galvanized Steel, Add	3.37	
		For Aluminum, Add	6.74	
		For Stainless Steel, Add	28.09	

08 Openings**08 50 Windows****08 56 Special Function Windows**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 56 56 00-0027	SF	3/4" #13, Thickness 0.07" Expanded Metal, Inoperable, Steel Security Window Screen.....	38.09	11.50
		<i>For Painted Steel, Add</i>	1.23	
		<i>For Galvanized Steel, Add</i>	3.68	
		<i>For Aluminum, Add</i>	7.35	
		<i>For Stainless Steel, Add</i>	30.63	
08 56 56 00-0028	SF	3/4" #9, Thickness 0.12" Expanded Metal, Inoperable, Steel Security Window Screen	44.72	13.59
		<i>For Painted Steel, Add</i>	1.40	
		<i>For Galvanized Steel, Add</i>	4.20	
		<i>For Aluminum, Add</i>	8.40	
		<i>For Stainless Steel, Add</i>	34.99	
08 56 56 00-0029	SF	1-1/2" #9, Thickness 0.11" Expanded Metal, Inoperable, Steel Security Window Screen	41.63	13.07
		<i>For Painted Steel, Add</i>	1.30	
		<i>For Galvanized Steel, Add</i>	3.89	
		<i>For Aluminum, Add</i>	7.79	
		<i>For Stainless Steel, Add</i>	32.44	
08 56 56 00-0030	SF	3 LB/SF Expanded Metal, Inoperable, Steel Security Window Screen	52.50	16.73
		<i>For Painted Steel, Add</i>	1.63	
		<i>For Galvanized Steel, Add</i>	4.90	
		<i>For Aluminum, Add</i>	9.79	
		<i>For Stainless Steel, Add</i>	40.80	
08 56 56 00-0031		Expanded Metal, Operable, Security Screen (08 56 56 00-0023)		
08 56 56 00-0032	SF	1/4" #18, Thickness 0.04" Expanded Metal, Operable, Steel Security Window Screen.....	37.93	9.41
		<i>For Painted Steel, Add</i>	1.32	
		<i>For Galvanized Steel, Add</i>	3.96	
		<i>For Aluminum, Add</i>	7.93	
		<i>For Stainless Steel, Add</i>	33.04	
08 56 56 00-0033	SF	1/2" #13, Thickness 0.07" Expanded Metal, Operable, Steel Security Window Screen.....	45.64	11.50
		<i>For Painted Steel, Add</i>	1.60	
		<i>For Galvanized Steel, Add</i>	4.81	
		<i>For Aluminum, Add</i>	9.62	
		<i>For Stainless Steel, Add</i>	40.06	
08 56 56 00-0034	SF	3/4" #13, Thickness 0.07" Expanded Metal, Operable, Steel Security Window Screen.....	50.64	13.07
		<i>For Painted Steel, Add</i>	1.75	
		<i>For Galvanized Steel, Add</i>	5.24	
		<i>For Aluminum, Add</i>	10.49	
		<i>For Stainless Steel, Add</i>	43.70	
08 56 56 00-0035	SF	1-1/2" #9, Thickness 0.11" Expanded Metal, Operable, Steel Security Window Screen.....	54.77	14.63
		<i>For Painted Steel, Add</i>	1.85	
		<i>For Galvanized Steel, Add</i>	5.55	
		<i>For Aluminum, Add</i>	11.10	
		<i>For Stainless Steel, Add</i>	46.24	
08 56 56 00-0036	SF	3/4" #9, Thickness 0.12" Expanded Metal, Operable, Steel Security Window Screen.....	59.74	16.73
		<i>For Painted Steel, Add</i>	1.99	
		<i>For Galvanized Steel, Add</i>	5.98	
		<i>For Aluminum, Add</i>	11.96	
		<i>For Stainless Steel, Add</i>	49.85	
08 56 56 00-0037	SF	3 LB/SF Expanded Metal, Operable, Steel Security Window Screen	68.44	18.30
		<i>For Painted Steel, Add</i>	2.32	
		<i>For Galvanized Steel, Add</i>	6.97	
		<i>For Aluminum, Add</i>	13.94	
		<i>For Stainless Steel, Add</i>	58.10	
08 56 56 00-0038		Perforated Metal Security Screen (08 56 56)		
08 56 56 00-0039		Perforated Metal, Inoperable, Steel Security Window Screen (08 56 56 00-0038)		
08 56 56 00-0040	SF	22 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	25.83	4.71
		<i>For Painted Steel, Add</i>	0.98	
		<i>For Galvanized Steel, Add</i>	2.93	
		<i>For Aluminum, Add</i>	5.87	
		<i>For Stainless Steel, Add</i>	19.56	
08 56 56 00-0041	SF	20 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	26.61	4.71
		<i>For Painted Steel, Add</i>	1.02	
		<i>For Galvanized Steel, Add</i>	3.05	
		<i>For Aluminum, Add</i>	6.10	
		<i>For Stainless Steel, Add</i>	20.34	
08 56 56 00-0042	SF	18 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	29.22	4.71
		<i>For Painted Steel, Add</i>	1.15	
		<i>For Galvanized Steel, Add</i>	3.44	
		<i>For Aluminum, Add</i>	6.89	
		<i>For Stainless Steel, Add</i>	22.95	
08 56 56 00-0043	SF	16 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	34.16	4.71
		<i>For Painted Steel, Add</i>	1.39	
		<i>For Galvanized Steel, Add</i>	4.18	
		<i>For Aluminum, Add</i>	8.37	
		<i>For Stainless Steel, Add</i>	27.89	
08 56 56 00-0044		Perforated Metal, Operable, Steel Security Window Screen (08 56 56 00-0038)		
08 56 56 00-0045	SF	22 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	36.15	5.75
		<i>For Painted Steel, Add</i>	1.39	
		<i>For Galvanized Steel, Add</i>	4.17	
		<i>For Aluminum, Add</i>	8.34	
		<i>For Stainless Steel, Add</i>	27.79	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 56 00-0046	SF	20 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	.....	37.51	5.75
		For Painted Steel, Add		1.46	
		For Galvanized Steel, Add		4.37	
		For Aluminum, Add		8.75	
		For Stainless Steel, Add		29.15	
08 56 56 00-0047	SF	18 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	.....	40.90	5.75
		For Painted Steel, Add		1.63	
		For Galvanized Steel, Add		4.88	
		For Aluminum, Add		9.76	
		For Stainless Steel, Add		32.54	
08 56 56 00-0048	SF	16 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	.....	47.97	5.75
		For Painted Steel, Add		1.98	
		For Galvanized Steel, Add		5.94	
		For Aluminum, Add		11.88	
		For Stainless Steel, Add		39.61	
08 56 56 00-0049			Removal And Reinstallation Of Security Screens And Guards <small>(08 56 56)</small>		
			Note: Includes storage, cleaning and supply materials.		
08 56 56 00-0050	SF	Removal And Reinstallation Of Security Screens	.....	13.17	

08 60 Roof Windows and Skylights (08)

Note: Includes hardware, caulk, sealant and necessary anchors.

08 62 Unit Skylights (08 60)

08 62 23 Tubular Skylights (08 62)

08 62 23 00-0001 Aluminum Framed Solar Tube Skylights (08 62 23)

Note: Includes knock down curb with safety security guard, class 1 hail rated double glazed skylight, light shaft top trim, reflective light well, T-bar ceiling frame, acrylic diffuser lens and lens clip.

08 62 23 00-0002 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights (08 62 23 00-0001)

08 62 23 00-0003	EA	2' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	.....	1,293.74	201.39
		For Class 3 Hail Rated, Add		4.00	
		For Polycarbonate Diffuser Lens, Add		7.00	
		For High Velocity Hurricane Zone Rated, Add		14.00	
		For FM Approved, Add		20.00	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add		49.00	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add		69.00	
		For Single Blade Louver, Add		991.19	
08 62 23 00-0004	EA	3' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	.....	1,365.84	206.43
		For Class 3 Hail Rated, Add		4.00	
		For Polycarbonate Diffuser Lens, Add		7.00	
		For High Velocity Hurricane Zone Rated, Add		14.00	
		For FM Approved, Add		20.00	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add		49.00	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add		69.00	
		For Single Blade Louver, Add		992.20	
08 62 23 00-0005	EA	4' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	.....	1,435.86	211.46
		For Class 3 Hail Rated, Add		4.00	
		For Polycarbonate Diffuser Lens, Add		7.00	
		For High Velocity Hurricane Zone Rated, Add		14.00	
		For FM Approved, Add		20.00	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add		49.00	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add		69.00	
		For Single Blade Louver, Add		993.20	
08 62 23 00-0006	EA	5' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	.....	1,534.81	216.50
		For Class 3 Hail Rated, Add		4.00	
		For Polycarbonate Diffuser Lens, Add		7.00	
		For High Velocity Hurricane Zone Rated, Add		14.00	
		For FM Approved, Add		20.00	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add		49.00	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add		69.00	
		For Single Blade Louver, Add		994.21	
08 62 23 00-0007	EA	6' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	.....	1,621.37	221.53
		For Class 3 Hail Rated, Add		4.00	
		For Polycarbonate Diffuser Lens, Add		7.00	
		For High Velocity Hurricane Zone Rated, Add		14.00	
		For FM Approved, Add		20.00	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add		49.00	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add		69.00	
		For Single Blade Louver, Add		995.22	
08 62 23 00-0008	EA	7' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	.....	1,691.39	226.56
		For Class 3 Hail Rated, Add		4.00	
		For Polycarbonate Diffuser Lens, Add		7.00	
		For High Velocity Hurricane Zone Rated, Add		14.00	
		For FM Approved, Add		20.00	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add		49.00	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add		69.00	
		For Single Blade Louver, Add		996.22	

08 Openings**08 60 Roof Windows and Skylights****08 62 Unit Skylights**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

08 62 23 00-0009	EA	8' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,761.40	231.60
		<i>For Class 3 Hail Rated, Add</i>	4.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	20.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
		<i>For Single Blade Louver, Add</i>	997.23	
08 62 23 00-0010	EA	9' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,876.90	236.64
		<i>For Class 3 Hail Rated, Add</i>	4.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	20.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
		<i>For Single Blade Louver, Add</i>	998.24	
08 62 23 00-0011	EA	10' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,946.93	241.67
		<i>For Class 3 Hail Rated, Add</i>	4.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	20.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
		<i>For Single Blade Louver, Add</i>	999.25	
08 62 23 00-0012	EA	11' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,019.00	246.71
		<i>For Class 3 Hail Rated, Add</i>	4.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	20.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
		<i>For Single Blade Louver, Add</i>	1,000.25	
08 62 23 00-0013	EA	12' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,089.02	251.75
		<i>For Class 3 Hail Rated, Add</i>	4.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	20.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
		<i>For Single Blade Louver, Add</i>	1,001.26	
08 62 23 00-0014	EA	13' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,204.52	256.77
		<i>For Class 3 Hail Rated, Add</i>	4.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	20.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
		<i>For Single Blade Louver, Add</i>	1,002.27	
08 62 23 00-0015	EA	14' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,274.55	261.81
		<i>For Class 3 Hail Rated, Add</i>	4.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	20.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
		<i>For Single Blade Louver, Add</i>	1,003.27	
08 62 23 00-0016	EA	15' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,344.56	266.84
		<i>For Class 3 Hail Rated, Add</i>	4.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	20.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
		<i>For Single Blade Louver, Add</i>	1,004.28	
08 62 23 00-0017	EA	16' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,414.58	271.88
		<i>For Class 3 Hail Rated, Add</i>	4.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	20.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
		<i>For Single Blade Louver, Add</i>	1,005.29	

08 62 23 00-0018 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights (08 62 23 00-0001)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0019 EA 2' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,572.82	201.39
<i>For Class 3 Hail Rated, Add</i>	5.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	22.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
<i>For Single Blade Louver, Add</i>	991.19	
08 62 23 00-0020 EA 3' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,671.78	206.43
<i>For Class 3 Hail Rated, Add</i>	5.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	22.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
<i>For Single Blade Louver, Add</i>	992.20	
08 62 23 00-0021 EA 4' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,770.74	211.46
<i>For Class 3 Hail Rated, Add</i>	5.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	22.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
<i>For Single Blade Louver, Add</i>	993.20	
08 62 23 00-0022 EA 5' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,869.69	216.50
<i>For Class 3 Hail Rated, Add</i>	5.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	22.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
<i>For Single Blade Louver, Add</i>	994.21	
08 62 23 00-0023 EA 6' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,030.68	221.53
<i>For Class 3 Hail Rated, Add</i>	5.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	22.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
<i>For Single Blade Louver, Add</i>	995.22	
08 62 23 00-0024 EA 7' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,129.64	226.56
<i>For Class 3 Hail Rated, Add</i>	5.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	22.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
<i>For Single Blade Louver, Add</i>	996.22	
08 62 23 00-0025 EA 8' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,228.59	231.60
<i>For Class 3 Hail Rated, Add</i>	5.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	22.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
<i>For Single Blade Louver, Add</i>	997.23	
08 62 23 00-0026 EA 9' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,389.56	236.64
<i>For Class 3 Hail Rated, Add</i>	5.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	22.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
<i>For Single Blade Louver, Add</i>	998.24	
08 62 23 00-0027 EA 10' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,488.53	241.67
<i>For Class 3 Hail Rated, Add</i>	5.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	22.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
<i>For Single Blade Louver, Add</i>	999.25	
08 62 23 00-0028 EA 11' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,587.48	246.71
<i>For Class 3 Hail Rated, Add</i>	5.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	22.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
<i>For Single Blade Louver, Add</i>	1,000.25	

08 Openings**08 60 Roof Windows and Skylights****08 62 Unit Skylights**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

08 62 23 00-0029	EA	12' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,686.44	251.75
		<i>For Class 3 Hail Rated, Add</i>	5.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	22.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
		<i>For Single Blade Louver, Add</i>	1,001.26	
08 62 23 00-0030	EA	13' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,847.42	256.77
		<i>For Class 3 Hail Rated, Add</i>	5.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	22.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
		<i>For Single Blade Louver, Add</i>	1,002.27	
08 62 23 00-0031	EA	14' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,946.39	261.81
		<i>For Class 3 Hail Rated, Add</i>	5.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	22.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
		<i>For Single Blade Louver, Add</i>	1,003.27	
08 62 23 00-0032	EA	15' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	3,045.34	266.84
		<i>For Class 3 Hail Rated, Add</i>	5.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	22.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
		<i>For Single Blade Louver, Add</i>	1,004.28	
08 62 23 00-0033	EA	16' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	3,144.30	271.88
		<i>For Class 3 Hail Rated, Add</i>	5.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	22.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
		<i>For Single Blade Louver, Add</i>	1,005.29	
08 62 23 00-0034		55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights <small>(08 62 23 00-0001)</small>		
08 62 23 00-0035	EA	2' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,104.83	226.56
		<i>For Class 3 Hail Rated, Add</i>	10.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
		<i>For FM Approved, Add</i>	36.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
		<i>For Single Blade Louver, Add</i>	996.22	
08 62 23 00-0036	EA	3' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,243.06	231.60
		<i>For Class 3 Hail Rated, Add</i>	10.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
		<i>For FM Approved, Add</i>	36.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
		<i>For Single Blade Louver, Add</i>	997.23	
08 62 23 00-0037	EA	4' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,383.36	236.64
		<i>For Class 3 Hail Rated, Add</i>	10.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
		<i>For FM Approved, Add</i>	36.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
		<i>For Single Blade Louver, Add</i>	998.24	
08 62 23 00-0038	EA	5' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,521.61	241.67
		<i>For Class 3 Hail Rated, Add</i>	10.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
		<i>For FM Approved, Add</i>	36.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
		<i>For Single Blade Louver, Add</i>	999.25	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0039	EA		6' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,742.52	246.71
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	1,000.25	
08 62 23 00-0040	EA		7' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,880.76	251.75
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	1,001.26	
08 62 23 00-0041	EA		8' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	3,019.00	256.77
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	1,002.27	
08 62 23 00-0042	EA		9' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	3,242.00	261.81
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	1,003.27	
08 62 23 00-0043	EA		10' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	3,380.22	266.84
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	1,004.28	
08 62 23 00-0044	EA		11' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	3,518.46	271.88
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	1,005.29	
08 62 23 00-0045	EA		12' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	3,656.70	276.92
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	1,006.29	
08 62 23 00-0046	EA		13' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	3,877.62	281.95
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	1,007.30	
08 62 23 00-0047	EA		14' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	4,015.86	286.99
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	1,008.31	
08 62 23 00-0048	EA		15' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	4,156.16	292.02
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	1,009.31	

08 Openings**08 60 Roof Windows and Skylights****08 62 Unit Skylights**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 62 23 00-0049	EA	16' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	4,294.39	297.05
		<i>For Class 3 Hail Rated, Add</i>	10.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
		<i>For FM Approved, Add</i>	36.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
		<i>For Single Blade Louver, Add</i>	1,010.32	

08 63 Metal-Framed Skylights (08 60)**08 63 13 Domed Metal-Framed Skylights** (08 63)

08 63 13 00-0001		Domed Aluminum Framed Skylights (08 63 13)		
08 63 13 00-0002		Fixed Dome, Aluminum Framed Skylights (08 63 13 00-0001)		
08 63 13 00-0003		Industrial Style Fixed Dome, Aluminum Framed Skylights (08 63 13 00-0002)		
08 63 13 00-0004		Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights (08 63 13 00-0003)		
		Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0005	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	727.64	135.94
08 63 13 00-0006	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	860.36	146.01
08 63 13 00-0007	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,119.86	161.11
08 63 13 00-0008	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,249.93	171.18
08 63 13 00-0009	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	897.82	146.01
08 63 13 00-0010	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,095.58	161.11
08 63 13 00-0011	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,183.91	171.18
08 63 13 00-0012	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,327.67	181.26
08 63 13 00-0013	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,521.13	196.36
08 63 13 00-0014	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,116.22	171.18
08 63 13 00-0015	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,199.75	176.22
08 63 13 00-0016	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,330.81	181.26
08 63 13 00-0017	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,430.18	186.29
08 63 13 00-0018	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,570.82	201.39
08 63 13 00-0019	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,741.00	211.46
08 63 13 00-0020	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,299.11	181.26
08 63 13 00-0021	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,405.92	191.32
08 63 13 00-0022	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,563.38	196.36
08 63 13 00-0023	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,652.20	206.43
08 63 13 00-0024	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,875.21	216.50
08 63 13 00-0025		Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights (08 63 13 00-0003)		
		Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0026	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	859.69	135.94
08 63 13 00-0027	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	989.78	146.01
08 63 13 00-0028	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,222.86	161.11
08 63 13 00-0029	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,355.58	171.18
08 63 13 00-0030	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	992.90	146.01
08 63 13 00-0031	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,169.53	161.11
08 63 13 00-0032	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,263.14	171.18
08 63 13 00-0033	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,417.47	181.26
08 63 13 00-0034	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,573.95	196.36

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 63 13 00-0035	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,190.17	171.18
08 63 13 00-0036	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,284.27	176.22
08 63 13 00-0037	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,375.71	181.26
08 63 13 00-0038	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,480.36	186.29
08 63 13 00-0039	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,597.23	201.39
08 63 13 00-0040	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,770.05	211.46
08 63 13 00-0041	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,386.27	181.26
08 63 13 00-0042	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,501.00	191.32
08 63 13 00-0043	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,618.85	196.36
08 63 13 00-0044	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,712.95	206.43
08 63 13 00-0045	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,914.83	216.50

08 63 13 00-0046 High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights ^(08 63 13 00-0003)

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

08 63 13 00-0047	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	870.25	135.94
08 63 13 00-0048	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,010.91	146.01
08 63 13 00-0049	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,251.91	161.11
08 63 13 00-0050	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,019.31	146.01
08 63 13 00-0051	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,206.51	161.11
08 63 13 00-0052	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,292.19	171.18
08 63 13 00-0053	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,449.16	181.26
08 63 13 00-0054	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,213.94	171.18
08 63 13 00-0055	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,305.40	176.22
08 63 13 00-0056	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,410.04	181.26
08 63 13 00-0057	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,514.70	186.29
08 63 13 00-0058	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,639.49	201.39
08 63 13 00-0059	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,417.96	181.26
08 63 13 00-0060	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,543.25	191.32
08 63 13 00-0061	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,661.10	196.36
08 63 13 00-0062	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,755.21	206.43

08 63 13 00-0063 FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights ^(08 63 13 00-0003)

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

08 63 13 00-0064	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	888.74	135.94
08 63 13 00-0065	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,039.96	146.01
08 63 13 00-0066	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,278.32	161.11
08 63 13 00-0067	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,450.66	171.18
08 63 13 00-0068	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,045.73	146.01
08 63 13 00-0069	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,230.28	161.11
08 63 13 00-0070	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,318.60	171.18
08 63 13 00-0071	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,488.78	181.26
08 63 13 00-0072	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,242.99	171.18
08 63 13 00-0073	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,334.45	176.22

08 Openings**08 60 Roof Windows and Skylights****08 63 Metal-Framed Skylights**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 63 13 00-0074	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,447.02	181.26
08 63 13 00-0075	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,554.31	186.29
08 63 13 00-0076	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,681.75	201.39
08 63 13 00-0077	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,457.58	181.26
08 63 13 00-0078	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,582.87	191.32
08 63 13 00-0079	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,703.36	196.36
08 63 13 00-0080	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,802.75	206.43
08 63 13 00-0081		Curb Top Inserts <small>(08 63 13 00-0003)</small> Note: For use with industrial style fixed dome skylights for better u-value and solar heat gain coefficient/shading coefficient (SHGC/SC) properties. Includes mill finish aluminum frame and acrylic or polycarbonate glazing. Excludes roof curb.		
08 63 13 00-0082		Single Glazed, Aluminum Framed Curb Top Inserts <small>(08 63 13 00-0081)</small>		
08 63 13 00-0083	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	275.81	65.45
08 63 13 00-0084	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	360.93	75.52
08 63 13 00-0085	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	574.96	100.70
08 63 13 00-0086	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	531.19	90.62
08 63 13 00-0087	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	632.84	100.70
08 63 13 00-0088		Double Glazed, Aluminum Framed Curb Top Inserts <small>(08 63 13 00-0081)</small>		
08 63 13 00-0089	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	360.56	65.45
08 63 13 00-0090	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	524.24	75.52
08 63 13 00-0091	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	870.57	100.70
08 63 13 00-0092	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	845.40	90.62
08 63 13 00-0093	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	1,042.15	100.70
08 63 13 00-0094		Triple Glazed, Aluminum Framed Curb Top Inserts <small>(08 63 13 00-0081)</small>		
08 63 13 00-0095	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	443.25	65.45
08 63 13 00-0096	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	679.28	75.52
08 63 13 00-0097	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	1,234.40	100.70
08 63 13 00-0098	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	1,138.94	90.62
08 63 13 00-0099	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	1,422.51	100.70
08 63 13 00-0100		Pyramid Style Fixed Dome, Aluminum Framed Skylights <small>(08 63 13 00-0002)</small>		
08 63 13 00-0101		Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight <small>(08 63 13 00-0100)</small> Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0102	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	680.10	135.94
08 63 13 00-0103	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	823.87	146.01
08 63 13 00-0104	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	1,042.26	171.18
08 63 13 00-0105	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	1,270.06	181.26
08 63 13 00-0106		Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight <small>(08 63 13 00-0100)</small> Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0107	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	886.10	135.94
08 63 13 00-0108	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	1,035.16	146.01
08 63 13 00-0109	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	1,235.06	171.18
08 63 13 00-0110	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	1,447.02	181.26
08 63 13 00-0111		Double Hip Style Fixed Dome, Aluminum Framed Skylights <small>(08 63 13 00-0002)</small>		
08 63 13 00-0112		Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight <small>(08 63 13 00-0111)</small> Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0113	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	777.82	135.94
08 63 13 00-0114	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,040.62	161.11
08 63 13 00-0115	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,207.67	171.18

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 63 13 00-0116	EA		39-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	995.22	161.11
08 63 13 00-0117	EA		39-1/4" x 75-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,080.90	171.18
08 63 13 00-0118	EA		39-1/4" x 99-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,269.57	181.26
08 63 13 00-0119	EA		39-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,465.66	196.36
08 63 13 00-0120	EA		51-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,128.44	176.22
08 63 13 00-0121	EA		51-1/4" x 75-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,227.80	181.26
08 63 13 00-0122	EA		51-1/4" x 87-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,335.10	186.29
08 63 13 00-0123	EA		52-1/4" x 100-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,454.61	201.39
08 63 13 00-0124	EA		52-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,682.90	211.46
08 63 13 00-0125	EA		63-5/8" x 75-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,376.86	191.32
08 63 13 00-0126	EA		63-1/4" x 87-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,523.77	196.36
08 63 13 00-0127	EA		63-1/4" x 99-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,625.79	206.43
08 63 13 00-0128	EA		63-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,846.16	216.50

08 63 13 00-0129 Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight (08 63 13 00-0111)

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

08 63 13 00-0130	EA		27-1/4" x 27-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	867.61	135.94
08 63 13 00-0131	EA		27-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,002.98	146.01
08 63 13 00-0132	EA		27-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,236.06	161.11
08 63 13 00-0133	EA		39-1/4" x 39-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,011.39	146.01
08 63 13 00-0134	EA		39-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,110.27	156.08
08 63 13 00-0135	EA		39-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,190.66	161.11
08 63 13 00-0136	EA		39-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,276.34	171.18
08 63 13 00-0137	EA		39-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,435.96	181.26
08 63 13 00-0138	EA		51-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,203.37	176.22
08 63 13 00-0139	EA		51-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,294.83	176.22
08 63 13 00-0140	EA		51-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,394.19	181.26
08 63 13 00-0141	EA		51-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,496.21	186.29
08 63 13 00-0142	EA		52-1/4" x 100-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,618.36	201.39
08 63 13 00-0143	EA		63-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,399.48	181.26
08 63 13 00-0144	EA		63-5/8" x 75-5/8" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,524.77	191.32
08 63 13 00-0145	EA		63-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,639.98	196.36
08 63 13 00-0146	EA		63-1/4" x 99-5/8" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,731.44	206.43

08 63 13 00-0147 Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight (08 63 13 00-0111)

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

08 63 13 00-0148	EA		27-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	995.06	146.01
08 63 13 00-0149	EA		27-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,270.40	161.11
08 63 13 00-0150	EA		39-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,219.71	161.11
08 63 13 00-0151	EA		39-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,310.68	171.18
08 63 13 00-0152	EA		39-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,478.21	181.26
08 63 13 00-0153	EA		51-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,326.52	176.22
08 63 13 00-0154	EA		51-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,433.81	181.26
08 63 13 00-0155	EA		51-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,543.75	186.29

08 Openings**08 60 Roof Windows and Skylights****08 63 Metal-Framed Skylights**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 63 13 00-0156	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,660.62	201.39
08 63 13 00-0157	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,572.31	191.32
08 63 13 00-0158	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,692.80	196.36
08 63 13 00-0159	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,789.54	206.43
08 63 13 00-0160		Smoke Vent Dome, Aluminum Framed Skylights (08 63 13 00-0001)		
08 63 13 00-0161		Industrial Style Smoke Vent Dome, Aluminum Framed Skylights (08 63 13 00-0160) Note: UL listed or FM approved. Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, curb seal tape, weather sweep, fasteners, fusible link with a minimum temperature rating of 165 degrees, gas shocks and exterior manual release cable for testing.		
08 63 13 00-0162		Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights (08 63 13 00-0161)		
08 63 13 00-0163		10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights (08 63 13 00-0162)		
08 63 13 00-0164	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	3,688.98	201.39
08 63 13 00-0165	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	3,428.50	191.32
08 63 13 00-0166	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	3,865.94	201.39
08 63 13 00-0167		25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights (08 63 13 00-0162)		
08 63 13 00-0168	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	4,742.78	201.39
08 63 13 00-0169	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	4,492.87	191.32
08 63 13 00-0170	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	4,983.12	201.39
08 63 13 00-0171		30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights (08 63 13 00-0162)		
08 63 13 00-0172	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	5,046.51	201.39
08 63 13 00-0173	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	4,791.31	191.32
08 63 13 00-0174	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	5,281.57	201.39
08 63 13 00-0175		Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights (08 63 13 00-0161)		
08 63 13 00-0176		10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights (08 63 13 00-0175)		
08 63 13 00-0177	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	3,704.83	201.39
08 63 13 00-0178	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	3,444.35	191.32
08 63 13 00-0179	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	3,889.71	201.39
08 63 13 00-0180		25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights (08 63 13 00-0175)		
08 63 13 00-0181	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	4,763.91	201.39
08 63 13 00-0182	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	4,508.71	191.32
08 63 13 00-0183	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	5,009.53	201.39
08 63 13 00-0184		30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights (08 63 13 00-0175)		
08 63 13 00-0185	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	5,062.36	201.39
08 63 13 00-0186	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	4,807.16	191.32
08 63 13 00-0187	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	5,307.98	201.39

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 66 Wood-Framed Skylights (08 60)

08 66 00 00-0001 Wood-Framed Skylights (Andersen 400 Series) <small>(08 66)</small>		
08 66 00 00-0002 EA 16-1/2" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series).....	682.00	145.45
For Tempered Laminated Low-E Insulated Glass, Add	97.78	
For Aluminum Shingle Flashing, Add	78.22	
08 66 00 00-0003 EA 16-1/2" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series).....	697.96	145.45
For Tempered Laminated Low-E Insulated Glass, Add	101.77	
For Aluminum Shingle Flashing, Add	81.41	
08 66 00 00-0004 EA 24-1/2" x 27", Domed, Wood-Framed Skylight (Andersen 400 Series).....	660.05	145.45
For Tempered Laminated Low-E Insulated Glass, Add	92.29	
For Aluminum Shingle Flashing, Add	73.83	
08 66 00 00-0005 EA 24-1/2" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series).....	709.93	145.45
For Tempered Laminated Low-E Insulated Glass, Add	104.76	
For Aluminum Shingle Flashing, Add	83.81	
08 66 00 00-0006 EA 24-1/2" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series).....	751.84	145.45
For Tempered Laminated Low-E Insulated Glass, Add	115.24	
For Aluminum Shingle Flashing, Add	92.19	
08 66 00 00-0007 EA 24-1/2" x 57", Domed, Wood-Framed Skylight (Andersen 400 Series).....	819.68	145.45
For Tempered Laminated Low-E Insulated Glass, Add	132.20	
For Aluminum Shingle Flashing, Add	105.76	
08 66 00 00-0008 EA 24-1/2" x 72", Domed, Wood-Framed Skylight (Andersen 400 Series).....	905.48	145.45
For Tempered Laminated Low-E Insulated Glass, Add	153.65	
For Aluminum Shingle Flashing, Add	122.92	
08 66 00 00-0009 EA 27" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series).....	660.05	145.45
For Tempered Laminated Low-E Insulated Glass, Add	92.29	
For Aluminum Shingle Flashing, Add	73.83	
08 66 00 00-0010 EA 28" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series).....	761.81	145.45
For Tempered Laminated Low-E Insulated Glass, Add	117.73	
For Aluminum Shingle Flashing, Add	94.18	
08 66 00 00-0011 EA 28" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series).....	819.68	145.45
For Tempered Laminated Low-E Insulated Glass, Add	132.20	
For Aluminum Shingle Flashing, Add	105.76	
08 66 00 00-0012 EA 28" x 57", Domed, Wood-Framed Skylight (Andersen 400 Series).....	885.53	145.45
For Tempered Laminated Low-E Insulated Glass, Add	148.66	
For Aluminum Shingle Flashing, Add	118.93	
08 66 00 00-0013 EA 28" x 72", Domed, Wood-Framed Skylight (Andersen 400 Series).....	973.33	145.45
For Tempered Laminated Low-E Insulated Glass, Add	170.61	
For Aluminum Shingle Flashing, Add	136.49	
08 66 00 00-0014 EA 38" x 16-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series).....	682.00	145.45
For Tempered Laminated Low-E Insulated Glass, Add	97.78	
For Aluminum Shingle Flashing, Add	78.22	
08 66 00 00-0015 EA 38" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series).....	709.93	145.45
For Tempered Laminated Low-E Insulated Glass, Add	104.76	
For Aluminum Shingle Flashing, Add	83.81	
08 66 00 00-0016 EA 38" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series).....	761.81	145.45
For Tempered Laminated Low-E Insulated Glass, Add	117.73	
For Aluminum Shingle Flashing, Add	94.18	
08 66 00 00-0017 EA 44" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series).....	945.39	145.45
For Tempered Laminated Low-E Insulated Glass, Add	163.62	
For Aluminum Shingle Flashing, Add	130.90	
08 66 00 00-0018 EA 46" x 16-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series).....	697.96	145.45
For Tempered Laminated Low-E Insulated Glass, Add	101.77	
For Aluminum Shingle Flashing, Add	81.41	
08 66 00 00-0019 EA 46" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series).....	751.84	145.45
For Tempered Laminated Low-E Insulated Glass, Add	115.24	
For Aluminum Shingle Flashing, Add	92.19	
08 66 00 00-0020 EA 46" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series).....	819.68	145.45
For Tempered Laminated Low-E Insulated Glass, Add	132.20	
For Aluminum Shingle Flashing, Add	105.76	
08 66 00 00-0021 EA 46" x 44", Domed, Wood-Framed Skylight (Andersen 400 Series).....	945.39	145.45
For Tempered Laminated Low-E Insulated Glass, Add	163.62	
For Aluminum Shingle Flashing, Add	130.90	
08 66 00 00-0022 EA 57" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series).....	819.68	145.45
For Tempered Laminated Low-E Insulated Glass, Add	132.20	
For Aluminum Shingle Flashing, Add	105.76	
08 66 00 00-0023 EA 57" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series).....	885.53	145.45
For Tempered Laminated Low-E Insulated Glass, Add	148.66	
For Aluminum Shingle Flashing, Add	118.93	
08 66 00 00-0024 EA 72" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series).....	905.48	145.45
For Tempered Laminated Low-E Insulated Glass, Add	153.65	
For Aluminum Shingle Flashing, Add	122.92	
08 66 00 00-0025 EA 72" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series).....	973.33	145.45
For Tempered Laminated Low-E Insulated Glass, Add	170.61	
For Aluminum Shingle Flashing, Add	136.49	

08 70 Hardware (08)

08 71 Door Hardware (08 70)

08 71 11 Door Hardware (08 71)

Note: All hardware is Yale ANSI/BHMA Grade 1 unless otherwise noted. See CSI section 08 05 13 00-0050 for removal and reinstallation of existing door where required for modifications.

08 71 11 00-0001 Hinges (08 71 11)

Note: Unit of measure "PR" indicates that two (2) sets of hinges (top and bottom) are priced. For doors with three (3) sets of hinges (top, middle and bottom), use 1.5 pairs. Excludes mortise preparation for wood doors.

08 Openings**08 70 Hardware****08 71 Door Hardware**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 11 00-0002	Brass/Bronze, Satin Chrome Finish Hinges (08 71 11 00-0001) Note: US26D (BHMA 626) satin chrome finish.		
08 71 11 00-0003	Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinges (08 71 11 00-0002) Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0004	PR 3-1/2" x 3-1/2" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	85.20	8.14
	For Clear Coated Bright Brass, Add	5.90	
	For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0005	PR 4" x 4" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	93.44	11.64
	For Clear Coated Bright Brass, Add	6.56	
	For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0006	PR 4-1/2" x 4-1/2" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	105.71	12.80
	For Clear Coated Bright Brass, Add	5.49	
	For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0007	Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges (08 71 11 00-0002) Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0008	PR 3-1/2" x 3-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	97.96	8.14
	For Clear Coated Bright Brass, Add	7.57	
	For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0009	PR 4" x 4" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	112.23	11.64
	For Clear Coated Bright Brass, Add	7.57	
	For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0010	PR 4-1/2" x 4-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	114.26	12.80
	For Clear Coated Bright Brass, Add	6.69	
	For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0011	PR 5" x 4-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	133.46	15.13
	For Clear Coated Bright Brass, Add	7.82	
	For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0012	PR 5" x 5" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	134.31	15.13
	For Clear Coated Bright Brass, Add	7.94	
	For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0013	PR 6" x 5" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	144.04	19.43
	For Clear Coated Bright Brass, Add	9.31	
	For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0014	Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges (08 71 11 00-0002) Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0015	PR 3-1/2" x 3-1/2", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	110.98	8.14
08 71 11 00-0016	PR 4" x 4", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	125.25	11.64
08 71 11 00-0017	PR 4-1/2" x 4-1/2", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	128.42	12.80
08 71 11 00-0018	PR 5" x 4", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	149.09	15.13
08 71 11 00-0019	Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges (08 71 11 00-0002) Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.		
08 71 11 00-0020	PR 4-1/2" x 4-1/2" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	142.67	12.80
	For Clear Coated Bright Brass, Add	10.67	
	For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0021	PR 5" x 4" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	162.12	15.13
	For Clear Coated Bright Brass, Add	11.84	
	For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0022	PR 5" x 5" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	180.02	15.13
	For Clear Coated Bright Brass, Add	14.34	
	For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0023	Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges (08 71 11 00-0002) Note: Set into mortised edge of the door and surface applied to the face of the frame.		
08 71 11 00-0024	PR 4-1/2" x 4-1/2" Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	146.21	12.80
	For Clear Coated Bright Brass, Add	11.16	
	For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0025	PR 5" x 4" Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	172.19	15.13
	For Clear Coated Bright Brass, Add	13.25	
	For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0026	Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze Satin Chrome Finish Hinge (08 71 11 00-0002) Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0027	PR 4-1/2" x 4-1/2" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	141.93	12.80
	For Clear Coated Bright Brass, Add	10.56	
	For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0028	PR 5" x 5" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	164.07	19.43
	For Clear Coated Bright Brass, Add	12.11	
	For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0029	PR 6" x 5" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	194.82	19.43
	For Clear Coated Bright Brass, Add	16.42	
	For Pair Of Non-Removable Pins (NRP), Add	6.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 71 11 00-0030			Mortised, Wrought Steel Hinges (08 71 11 00-0001) Note: Clear coated, US 26D satin chrome finish (BHMA 625).		
08 71 11 00-0031			Full Mortise, Plain Bearing, Wrought Steel Hinges (08 71 11 00-0030) Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0032	PR		3-1/2" x 3-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge.....	60.00	8.14
			For Primed For Paint Finish, Deduct	-3.22	
			For Bright Chrome Plated Finish US26 (BHMA 625), Add	2.01	
			For Satin Brass Plated Clear Coated Finish, Deduct	-1.93	
			For Stainless Steel, Add	8.85	
			For Heavy Duty, Add	2.41	
			For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0033	PR		4" x 4", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge.....	75.93	11.64
			For Primed For Paint Finish, Deduct	-3.55	
			For Bright Chrome Plated Finish US26 (BHMA 625), Add	2.22	
			For Satin Brass Plated Clear Coated Finish, Deduct	-2.13	
			For Stainless Steel, Add	9.76	
			For Heavy Duty, Add	2.66	
			For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0034	PR		4-1/2" x 4-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge.....	88.12	12.80
			For Primed For Paint Finish, Deduct	-4.33	
			For Bright Chrome Plated Finish US26 (BHMA 625), Add	2.70	
			For Satin Brass Plated Clear Coated Finish, Deduct	-2.60	
			For Stainless Steel, Add	11.90	
			For Heavy Duty, Add	3.24	
			For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0035			Full Mortise, Ball Bearing, Wrought Steel Hinges (08 71 11 00-0030) Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0036	PR		3-1/2" x 3-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	102.54	8.14
			For Primed For Paint Finish, Deduct	-11.73	
			For Bright Chrome Plated Finish US26 (BHMA 625), Add	7.33	
			For Satin Brass Plated Clear Coated Finish, Deduct	-7.04	
			For Stainless Steel, Add	32.25	
			For Heavy Duty, Add	8.79	
			For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0037	PR		4" x 4", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	124.58	11.64
			For Primed For Paint Finish, Deduct	-13.28	
			For Bright Chrome Plated Finish US26 (BHMA 625), Add	8.30	
			For Satin Brass Plated Clear Coated Finish, Deduct	-7.97	
			For Stainless Steel, Add	36.52	
			For Heavy Duty, Add	9.96	
			For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0038	PR		4-1/2" x 4-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	116.49	12.80
			For Primed For Paint Finish, Deduct	-10.00	
			For Bright Chrome Plated Finish US26 (BHMA 625), Add	6.25	
			For Satin Brass Plated Clear Coated Finish, Deduct	-6.00	
			For Stainless Steel, Add	27.50	
			For Heavy Duty, Add	7.50	
			For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0039	PR		5" x 4-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	174.64	15.13
			For Primed For Paint Finish, Deduct	-19.41	
			For Bright Chrome Plated Finish US26 (BHMA 625), Add	12.13	
			For Satin Brass Plated Clear Coated Finish, Deduct	-11.65	
			For Stainless Steel, Add	53.39	
			For Heavy Duty, Add	14.56	
			For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0040	PR		5" x 5", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	188.34	15.13
			For Primed For Paint Finish, Deduct	-22.15	
			For Bright Chrome Plated Finish US26 (BHMA 625), Add	13.85	
			For Satin Brass Plated Clear Coated Finish, Deduct	-13.29	
			For Stainless Steel, Add	60.92	
			For Heavy Duty, Add	16.62	
			For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0041	PR		6" x 5", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	230.11	15.13
			For Primed For Paint Finish, Deduct	-30.51	
			For Bright Chrome Plated Finish US26 (BHMA 625), Add	19.07	
			For Satin Brass Plated Clear Coated Finish, Deduct	-18.30	
			For Stainless Steel, Add	83.90	
			For Heavy Duty, Add	22.88	
			For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0042			Half Surface, Plain Bearing, Wrought Steel Hinges (08 71 11 00-0030) Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.		
08 71 11 00-0043	PR		3-1/2" x 3-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge.....	127.11	8.14
			For Primed For Paint Finish, Deduct	-16.64	
			For Bright Chrome Plated Finish US26 (BHMA 625), Add	10.40	
			For Satin Brass Plated Clear Coated Finish, Deduct	-9.98	
			For Stainless Steel, Add	45.76	
			For Heavy Duty, Add	12.48	
			For Pair Of Non-Removable Pins (NRP), Add	6.00	

08 Openings**08 70 Hardware****08 71 Door Hardware**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 11 00-0044	PR	4" x 4", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge.....	152.48	11.64
		<i>For Primed For Paint Finish, Deduct</i>	-18.86	
		<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	11.79	
		<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-11.32	
		<i>For Stainless Steel, Add</i>	51.87	
		<i>For Heavy Duty, Add</i>	14.15	
		<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 11 00-0045	PR	4-1/2" x 4-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	171.88	12.80
		<i>For Primed For Paint Finish, Deduct</i>	-21.08	
		<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	13.17	
		<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-12.65	
		<i>For Stainless Steel, Add</i>	57.96	
		<i>For Heavy Duty, Add</i>	15.81	
		<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 11 00-0046	PR	5" x 4-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge.....	194.05	15.13
		<i>For Primed For Paint Finish, Deduct</i>	-23.30	
		<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	14.56	
		<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-13.98	
		<i>For Stainless Steel, Add</i>	64.06	
		<i>For Heavy Duty, Add</i>	17.47	
		<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 11 00-0047		Half Surface, Ball Bearing, Wrought Steel Hinges (08 71 11 00-0030)		
		Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.		
08 71 11 00-0048	PR	4" x 4", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge.....	177.44	12.80
		<i>For Primed For Paint Finish, Deduct</i>	-23.85	
		<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	14.91	
		<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-14.31	
		<i>For Stainless Steel, Add</i>	65.59	
		<i>For Heavy Duty, Add</i>	17.89	
		<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 11 00-0049	PR	4-1/2" x 4-1/2", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge	198.45	12.80
		<i>For Primed For Paint Finish, Deduct</i>	-26.39	
		<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	16.50	
		<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-15.84	
		<i>For Stainless Steel, Add</i>	72.58	
		<i>For Heavy Duty, Add</i>	19.79	
		<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 11 00-0050	PR	5" x 5", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge.....	230.11	15.13
		<i>For Primed For Paint Finish, Deduct</i>	-30.51	
		<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	19.07	
		<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-18.30	
		<i>For Stainless Steel, Add</i>	83.90	
		<i>For Heavy Duty, Add</i>	22.88	
		<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 11 00-0051		Slide-In, Full Mortise, Ball Bearing, Wrought Steel Hinges (08 71 11 00-0030)		
		Note: Both leaves slide into a cavity prepared in the door and door frame.		
08 71 11 00-0052	PR	4-1/2" x 4-1/2", Standard Duty, Slide In, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	169.74	12.80
		<i>For Primed For Paint Finish, Deduct</i>	-20.65	
		<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	12.91	
		<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-12.39	
		<i>For Stainless Steel, Add</i>	56.79	
		<i>For Heavy Duty, Add</i>	15.49	
		<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 11 00-0053		Blank Butt Hinges (08 71 11 00-0030)		
08 71 11 00-0054	PR	3-1/2" x 3-1/2" To 5" x 5", Blank Butt With Screws, Steel Hinge.....	33.95	5.23
		<i>For Primed For Paint Finish, Deduct</i>	-2.63	
		<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	1.64	
		<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-1.58	
		<i>For Stainless Steel, Add</i>	7.23	
		<i>For Heavy Duty, Add</i>	1.97	
		<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 11 00-0055		Full Mortise, Single Acting Spring, Wrought Steel Hinges (08 71 11 00-0030)		
		Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0056	PR	3-1/2" x 3-1/2", Full Mortise, Single Acting Spring, Wrought Steel Hinge.....	142.53	8.14
		<i>For Primed For Paint Finish, Deduct</i>	-19.72	
		<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	12.33	
		<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-11.83	
		<i>For Stainless Steel, Add</i>	54.24	
08 71 11 00-0057	PR	4" x 4", Full Mortise, Single Acting Spring, Wrought Steel Hinge.....	187.18	11.64
		<i>For Primed For Paint Finish, Deduct</i>	-25.80	
		<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	16.13	
		<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-15.48	
		<i>For Stainless Steel, Add</i>	70.95	
08 71 11 00-0058	PR	4-1/2" x 4-1/2", Full Mortise, Single Acting Spring, Wrought Steel Hinge.....	256.25	12.80
		<i>For Primed For Paint Finish, Deduct</i>	-37.95	
		<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	23.72	
		<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-22.77	
		<i>For Stainless Steel, Add</i>	104.37	
08 71 11 00-0059		Offset And Pivot Hinges (08 71 11 00-0001)		
		Note: Satin chrome plated, US26D.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 71 11 00-0060			Offset Swing Clear Hinges (08 71 11 00-0059) Note: For use on 1-3/8" and 1-3/4" doors. Allows doors to swing completely clear of the openings.		
08 71 11 00-0061	EA		4-1/2", Steel, Satin Chrome Finish, Swing Clear, Offset Hinges.....	254.19	3.63
			For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	45.54	
			For Bright Chrome Plated US26 (BHMA 625) Finish, Add	73.34	
08 71 11 00-0062			Offset Pivot Hinges (08 71 11 00-0059)		
08 71 11 00-0063			3/4" Offset Pivot Hinges (08 71 11 00-0062)		
08 71 11 00-0064			3/4" Offset Pivot Hinges (08 71 11 00-0063)		
08 71 11 00-0065			Top Mount, 3/4" Offset Pivot Hinges (08 71 11 00-0064)		
08 71 11 00-0066			200 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges (08 71 11 00-0065)		
08 71 11 00-0067	EA		Painted Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top).....	132.05	11.64
08 71 11 00-0068	EA		Satin Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top).....	176.56	11.64
08 71 11 00-0069	EA		Bright Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top).....	201.29	11.64
08 71 11 00-0070	EA		Satin Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top).....	201.29	11.64
08 71 11 00-0071	EA		Satin Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top).....	201.29	11.64
08 71 11 00-0072	EA		Dark Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top).....	201.29	11.64
08 71 11 00-0073	EA		Bright Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top).....	201.29	11.64
08 71 11 00-0074	EA		Painted Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top).....	144.91	11.64
08 71 11 00-0075	EA		Satin Chrome Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top).....	183.50	11.64
08 71 11 00-0076	EA		Bright Brass Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top).....	209.21	11.64
08 71 11 00-0077	EA		Satin Brass Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top).....	209.21	11.64
08 71 11 00-0078	EA		Satin Bronze Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top).....	209.21	11.64
08 71 11 00-0079	EA		Dark Bronze Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top).....	209.21	11.64
08 71 11 00-0080	EA		Bright Chrome Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top).....	209.21	11.64
08 71 11 00-0081	EA		Painted Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top).....	132.05	11.64
08 71 11 00-0082	EA		Satin Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top).....	176.56	11.64
08 71 11 00-0083	EA		Bright Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top).....	201.29	11.64
08 71 11 00-0084	EA		Satin Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top).....	201.29	11.64
08 71 11 00-0085	EA		Satin Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top).....	201.29	11.64
08 71 11 00-0086	EA		Dark Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top).....	201.29	11.64
08 71 11 00-0087	EA		Bright Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top).....	201.29	11.64
08 71 11 00-0088			500 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges (08 71 11 00-0065)		
08 71 11 00-0089	EA		Painted Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top).....	137.87	14.55
08 71 11 00-0090	EA		Satin Chrome Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top).....	182.38	14.55
08 71 11 00-0091	EA		Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top).....	207.11	14.55
08 71 11 00-0092	EA		Satin Brass Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top).....	207.11	14.55
08 71 11 00-0093	EA		Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top).....	207.11	14.55
08 71 11 00-0094	EA		Dark Bronze Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top).....	207.11	14.55
08 71 11 00-0095	EA		Bright Chrome Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top).....	207.11	14.55
08 71 11 00-0096			600 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges (08 71 11 00-0065)		
08 71 11 00-0097	EA		Painted Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top).....	137.87	14.55
08 71 11 00-0098	EA		Satin Chrome Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top).....	182.38	14.55
08 71 11 00-0099	EA		Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top).....	207.11	14.55
08 71 11 00-0100	EA		Satin Brass Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top).....	207.11	14.55
08 71 11 00-0101	EA		Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top).....	207.11	14.55
08 71 11 00-0102	EA		Dark Bronze Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top).....	207.11	14.55
08 71 11 00-0103	EA		Bright Chrome Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top).....	207.11	14.55
08 71 11 00-0104			700 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges (08 71 11 00-0065)		
08 71 11 00-0105	EA		Painted Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top).....	137.87	14.55
08 71 11 00-0106	EA		Satin Chrome Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top).....	182.38	14.55
08 71 11 00-0107	EA		Bright Brass Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top).....	207.11	14.55
08 71 11 00-0108	EA		Satin Brass Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top).....	207.11	14.55
08 71 11 00-0109	EA		Satin Bronze Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top).....	207.11	14.55
08 71 11 00-0110	EA		Dark Bronze Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top).....	207.11	14.55
08 71 11 00-0111	EA		Bright Chrome Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top).....	207.11	14.55
08 71 11 00-0112			Intermediate Mount, 3/4" Offset Pivot Hinges (08 71 11 00-0064)		
08 71 11 00-0113			200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges (08 71 11 00-0112)		
08 71 11 00-0114	EA		Painted Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT).....	163.70	11.64
08 71 11 00-0115	EA		Satin Chrome Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT).....	201.29	11.64
08 71 11 00-0116	EA		Bright Brass Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT).....	227.99	11.64
08 71 11 00-0117	EA		Satin Brass Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT).....	227.99	11.64
08 71 11 00-0118	EA		Satin Bronze Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT).....	227.99	11.64
08 71 11 00-0119	EA		Dark Bronze Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT).....	227.99	11.64
08 71 11 00-0120	EA		Bright Chrome Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT).....	227.99	11.64

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 71 11 00-0185	EA		Painted Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	430.62	14.55
08 71 11 00-0186	EA		Satin Chrome Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	462.27	14.55
08 71 11 00-0187	EA		Bright Brass Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	512.72	14.55
08 71 11 00-0188	EA		Satin Brass Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	512.72	14.55
08 71 11 00-0189	EA		Satin Bronze Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	512.72	14.55
08 71 11 00-0190	EA		Dark Bronze Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	512.72	14.55
08 71 11 00-0191	EA		Bright Chrome Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	512.72	14.55
08 71 11 00-0192			Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0063)		
08 71 11 00-0193			Top Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0192)		
08 71 11 00-0194			500 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0193)		
08 71 11 00-0195	EA		Painted Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top).....	257.57	14.55
08 71 11 00-0196	EA		Satin Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top).....	304.03	14.55
08 71 11 00-0197	EA		Bright Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top).....	341.62	14.55
08 71 11 00-0198	EA		Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top).....	341.62	14.55
08 71 11 00-0199	EA		Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top).....	341.62	14.55
08 71 11 00-0200			600 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0193)		
08 71 11 00-0201	EA		Painted Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top).....	257.57	14.55
08 71 11 00-0202	EA		Satin Stainless Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top).....	304.03	14.55
08 71 11 00-0203	EA		Bright Stainless Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top).....	341.62	14.55
08 71 11 00-0204	EA		Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top).....	341.62	14.55
08 71 11 00-0205	EA		Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top).....	341.62	14.55
08 71 11 00-0206			700 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0193)		
08 71 11 00-0207	EA		Painted Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top).....	257.57	14.55
08 71 11 00-0208	EA		Satin Stainless Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top).....	304.03	14.55
08 71 11 00-0209	EA		Bright Stainless Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top).....	341.62	14.55
08 71 11 00-0210	EA		Bright Brass Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top).....	341.62	14.55
08 71 11 00-0211	EA		Satin Bronze Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top).....	341.62	14.55
08 71 11 00-0212			1,000 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0193)		
08 71 11 00-0213	EA		Painted Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top).....	271.28	17.46
08 71 11 00-0214	EA		Satin Stainless Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top).....	309.85	17.46
08 71 11 00-0215	EA		Bright Stainless Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top).....	327.66	17.46
08 71 11 00-0216	EA		Bright Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top).....	327.66	17.46
08 71 11 00-0217	EA		Satin Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top).....	327.66	17.46
08 71 11 00-0218			1,750 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0193)		
08 71 11 00-0219	EA		Painted Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top).....	271.28	17.46
08 71 11 00-0220	EA		Satin Stainless Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top).....	309.85	17.46
08 71 11 00-0221	EA		Bright Stainless Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top).....	327.66	17.46
08 71 11 00-0222	EA		Bright Brass Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top).....	327.66	17.46
08 71 11 00-0223	EA		Satin Bronze Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top).....	327.66	17.46
08 71 11 00-0224			Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0192)		
08 71 11 00-0225			500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0224)		

08 Openings**08 70 Hardware****08 71 Door Hardware**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 11 00-0226	EA	Painted Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	265.46	14.55
08 71 11 00-0227	EA	Satin Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	308.98	14.55
08 71 11 00-0228	EA	Bright Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	321.84	14.55
08 71 11 00-0229	EA	Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	321.84	14.55
08 71 11 00-0230	EA	Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	321.84	14.55
08 71 11 00-0231		600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0224)</small>		
08 71 11 00-0232	EA	Painted Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	265.46	14.55
08 71 11 00-0233	EA	Satin Stainless Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	308.98	14.55
08 71 11 00-0234	EA	Bright Stainless Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	321.84	14.55
08 71 11 00-0235	EA	Bright Brass Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	321.84	14.55
08 71 11 00-0236	EA	Satin Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	321.84	14.55
08 71 11 00-0237		700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0224)</small>		
08 71 11 00-0238	EA	Painted Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	265.46	14.55
08 71 11 00-0239	EA	Satin Stainless Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	308.98	14.55
08 71 11 00-0240	EA	Bright Stainless Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	321.84	14.55
08 71 11 00-0241	EA	Bright Brass Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	321.84	14.55
08 71 11 00-0242	EA	Satin Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	321.84	14.55
08 71 11 00-0243		1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0224)</small>		
08 71 11 00-0244	EA	Painted Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	297.00	17.46
08 71 11 00-0245	EA	Satin Stainless Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	341.50	17.46
08 71 11 00-0246	EA	Bright Stainless Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	353.36	17.46
08 71 11 00-0247	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	353.36	17.46
08 71 11 00-0248	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	353.36	17.46
08 71 11 00-0249		1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0224)</small>		
08 71 11 00-0250	EA	Painted Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	297.00	17.46
08 71 11 00-0251	EA	Satin Stainless Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	341.50	17.46
08 71 11 00-0252	EA	Bright Stainless Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	353.36	17.46
08 71 11 00-0253	EA	Bright Brass Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	353.36	17.46
08 71 11 00-0254	EA	Satin Bronze Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	353.36	17.46
08 71 11 00-0255		Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0192)</small>		
08 71 11 00-0256		500 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0255)</small>		
08 71 11 00-0257	EA	Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM).....	296.13	14.55
08 71 11 00-0258	EA	Satin Stainless Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	366.35	14.55
08 71 11 00-0259	EA	Bright Stainless Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	393.05	14.55
08 71 11 00-0260	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	393.05	14.55
08 71 11 00-0261	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM).....	393.05	14.55

	MINOR	DESCRIPTION	TOTAL DIRECT	DEMOLITION
	CSI		UNIT COST	UNIT COST

08 71 11 00-0262		600 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0262)</small>		
08 71 11 00-0263	EA	Painted Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM).....	291.18	14.55
08 71 11 00-0264	EA	Satin Stainless Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM).....	308.98	14.55
08 71 11 00-0265	EA	Bright Stainless Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM).....	354.48	14.55
08 71 11 00-0266	EA	Bright Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM).....	354.48	14.55
08 71 11 00-0267	EA	Satin Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM).....	354.48	14.55
08 71 11 00-0268		1,000 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0268)</small>		
08 71 11 00-0269	EA	Painted Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM).....	334.58	17.46
08 71 11 00-0270	EA	Satin Stainless Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM).....	372.17	17.46
08 71 11 00-0271	EA	Bright Stainless Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM).....	386.01	17.46
08 71 11 00-0272	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM).....	386.01	17.46
08 71 11 00-0273	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM).....	386.01	17.46
08 71 11 00-0274		1,750 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0274)</small>		
08 71 11 00-0275	EA	Painted Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM).....	474.03	17.46
08 71 11 00-0276	EA	Satin Stainless Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM).....	505.68	17.46
08 71 11 00-0277	EA	Bright Stainless Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM).....	518.54	17.46
08 71 11 00-0278	EA	Bright Brass Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM).....	518.54	17.46
08 71 11 00-0279	EA	Satin Bronze Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM).....	518.54	17.46
08 71 11 00-0280		1-1/2" Offset Pivot Hinges <small>(08 71 11 00-0280)</small>		
08 71 11 00-0281		Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 11 00-0281)</small>		
08 71 11 00-0282		Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 11 00-0282)</small>		
08 71 11 00-0283		400 LB Max Door Weight, Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 11 00-0283)</small>		
08 71 11 00-0284	EA	Painted Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top).....	304.03	14.55
08 71 11 00-0285	EA	Satin Stainless Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top).....	328.76	14.55
08 71 11 00-0286	EA	Bright Stainless Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top).....	347.54	14.55
08 71 11 00-0287	EA	Bright Bronze Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top).....	347.54	14.55
08 71 11 00-0288	EA	Satin Bronze Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top).....	347.54	14.55
08 71 11 00-0289		500 LB Max Door Weight, Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 11 00-0289)</small>		
08 71 11 00-0290	EA	Painted Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	304.03	14.55
08 71 11 00-0291	EA	Satin Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	328.76	14.55
08 71 11 00-0292	EA	Bright Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	347.54	14.55
08 71 11 00-0293	EA	Bright Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	347.54	14.55
08 71 11 00-0294	EA	Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	347.54	14.55
08 71 11 00-0295		Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 11 00-0295)</small>		
08 71 11 00-0296		400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 11 00-0296)</small>		
08 71 11 00-0297	EA	Painted Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT).....	315.89	14.55
08 71 11 00-0298	EA	Satin Stainless Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT).....	354.48	14.55
08 71 11 00-0299	EA	Bright Stainless Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT).....	373.27	14.55

08 Openings**08 70 Hardware****08 71 Door Hardware**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 11 00-0300	EA	Bright Brass Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	373.27	14.55
08 71 11 00-0301	EA	Satin Bronze Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	373.27	14.55
08 71 11 00-0302		500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 11 00-0295)</small>		
08 71 11 00-0303	EA	Painted Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	315.89	14.55
08 71 11 00-0304	EA	Satin Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	354.48	14.55
08 71 11 00-0305	EA	Bright Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	373.27	14.55
08 71 11 00-0306	EA	Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	373.27	14.55
08 71 11 00-0307	EA	Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	373.27	14.55
08 71 11 00-0308		Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 11 00-0281)</small>		
08 71 11 00-0309		400 LB Max Door Weight, Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 11 00-0308)</small>		
08 71 11 00-0310	EA	Painted Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	308.98	14.55
08 71 11 00-0311	EA	Satin Stainless Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	354.48	14.55
08 71 11 00-0312	EA	Bright Stainless Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	373.27	14.55
08 71 11 00-0313	EA	Bright Brass Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	373.27	14.55
08 71 11 00-0314	EA	Satin Bronze Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	373.27	14.55
08 71 11 00-0315		500 LB Max Door Weight, Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 11 00-0308)</small>		
08 71 11 00-0316	EA	Painted Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	499.86	14.55
08 71 11 00-0317	EA	Satin Stainless Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	551.29	14.55
08 71 11 00-0318	EA	Bright Stainless Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	564.15	14.55
08 71 11 00-0319	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	564.15	14.55
08 71 11 00-0320	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	564.15	14.55
08 71 11 00-0321		Center Hung Pivot Hinges <small>(08 71 11 00-0059)</small>		
08 71 11 00-0322		Top Mount, Center Hung Pivot Hinges <small>(08 71 11 00-0321)</small>		
08 71 11 00-0323		300 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges <small>(08 71 11 00-0322)</small>		
08 71 11 00-0324	EA	Painted Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	157.78	11.64
08 71 11 00-0325	EA	Satin Chrome Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	170.64	11.64
08 71 11 00-0326	EA	Bright Brass Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	170.64	11.64
08 71 11 00-0327	EA	Satin Brass Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	170.64	11.64
08 71 11 00-0328	EA	Satin Bronze Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	170.64	11.64
08 71 11 00-0329	EA	Dark Bronze Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	170.64	11.64
08 71 11 00-0330	EA	Bright Chrome Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	170.64	11.64
08 71 11 00-0331		500 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges <small>(08 71 11 00-0322)</small>		
08 71 11 00-0332	EA	Painted Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	163.60	14.55
08 71 11 00-0333	EA	Satin Chrome Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	176.46	14.55
08 71 11 00-0334	EA	Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	176.46	14.55
08 71 11 00-0335	EA	Satin Brass Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	176.46	14.55
08 71 11 00-0336	EA	Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	176.46	14.55
08 71 11 00-0337	EA	Dark Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	176.46	14.55
08 71 11 00-0338	EA	Bright Chrome Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	176.46	14.55
08 71 11 00-0339		600 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges <small>(08 71 11 00-0322)</small>		
08 71 11 00-0340	EA	Painted Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	163.60	14.55
08 71 11 00-0341	EA	Satin Chrome Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	176.46	14.55
08 71 11 00-0342	EA	Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	176.46	14.55
08 71 11 00-0343	EA	Satin Brass Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	176.46	14.55
08 71 11 00-0344	EA	Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	176.46	14.55
08 71 11 00-0345	EA	Dark Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	176.46	14.55
08 71 11 00-0346	EA	Bright Chrome Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	176.46	14.55
08 71 11 00-0347		1,000 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges <small>(08 71 11 00-0322)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 71 11 00-0348	EA		Painted Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top).....	258.42	17.46
08 71 11 00-0349	EA		Satin Chrome Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top).....	301.95	17.46
08 71 11 00-0350	EA		Bright Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top).....	347.44	17.46
08 71 11 00-0351	EA		Satin Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top).....	347.44	17.46
08 71 11 00-0352	EA		Satin Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top).....	347.44	17.46
08 71 11 00-0353	EA		Dark Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top).....	347.44	17.46
08 71 11 00-0354	EA		Bright Chrome Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top).....	347.44	17.46
08 71 11 00-0355			Bottom Mount, Center Hung Pivot Hinges (08 71 11 00-0321)		
08 71 11 00-0356			300 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges (08 71 11 00-0355)		
08 71 11 00-0357	EA		Painted Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM).....	120.18	11.64
08 71 11 00-0358	EA		Satin Chrome Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM).....	138.99	11.64
08 71 11 00-0359	EA		Bright Brass Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM).....	157.78	11.64
08 71 11 00-0360	EA		Satin Brass Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM).....	157.78	11.64
08 71 11 00-0361	EA		Satin Bronze Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM).....	157.78	11.64
08 71 11 00-0362	EA		Dark Bronze Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM).....	157.78	11.64
08 71 11 00-0363	EA		Bright Chrome Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM).....	157.78	11.64
08 71 11 00-0364			500 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges (08 71 11 00-0355)		
08 71 11 00-0365	EA		Painted Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM).....	176.46	14.55
08 71 11 00-0366	EA		Satin Chrome Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM).....	182.38	14.55
08 71 11 00-0367	EA		Bright Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM).....	182.38	14.55
08 71 11 00-0368	EA		Satin Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM).....	182.38	14.55
08 71 11 00-0369	EA		Satin Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM).....	182.38	14.55
08 71 11 00-0370	EA		Dark Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM).....	182.38	14.55
08 71 11 00-0371	EA		Bright Chrome Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM).....	182.38	14.55
08 71 11 00-0372	EA		Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM).....	176.46	14.55
08 71 11 00-0373	EA		Satin Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM).....	182.38	14.55
08 71 11 00-0374	EA		Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM).....	182.38	14.55
08 71 11 00-0375	EA		Satin Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM).....	182.38	14.55
08 71 11 00-0376	EA		Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM).....	182.38	14.55
08 71 11 00-0377	EA		Dark Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM).....	182.38	14.55
08 71 11 00-0378	EA		Bright Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM).....	182.38	14.55
08 71 11 00-0379			600 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges (08 71 11 00-0355)		
08 71 11 00-0380	EA		Painted Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM).....	354.48	14.55
08 71 11 00-0381	EA		Satin Chrome Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM).....	373.27	14.55
08 71 11 00-0382	EA		Bright Brass Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM).....	393.05	14.55
08 71 11 00-0383	EA		Satin Brass Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM).....	393.05	14.55
08 71 11 00-0384	EA		Satin Bronze Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM).....	393.05	14.55
08 71 11 00-0385	EA		Dark Bronze Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM).....	393.05	14.55
08 71 11 00-0386	EA		Bright Chrome Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM).....	393.05	14.55
08 71 11 00-0387			1,000 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges (08 71 11 00-0355)		
08 71 11 00-0388	EA		Painted Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	652.06	17.46
08 71 11 00-0389	EA		Satin Chrome Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	670.84	17.46
08 71 11 00-0390	EA		Bright Brass Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	696.57	17.46
08 71 11 00-0391	EA		Satin Brass Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	696.57	17.46
08 71 11 00-0392	EA		Satin Bronze Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	696.57	17.46
08 71 11 00-0393	EA		Dark Bronze Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	696.57	17.46
08 71 11 00-0394	EA		Bright Chrome Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	696.57	17.46
08 71 11 00-0395			Continuous Barrel-Type Hinge (08 71 11 00-0001)		

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0396	LF		1-1/2" Wide, Steel, Continuous Barrel-Type Hinge	32.86	4.65
			<i>For Stainless Steel, Add</i>	7.84	
			<i>For Brass Or Nickel, Add</i>	8.55	
			<i>For Aluminum, Add</i>	2.79	
			<i>For Medium Gauge, Deduct</i>	-2.85	
08 71 11 00-0397	LF		2" Wide, Steel, Continuous Barrel-Type Hinge	33.82	4.65
			<i>For Stainless Steel, Add</i>	8.36	
			<i>For Brass Or Nickel, Add</i>	9.12	
			<i>For Aluminum, Add</i>	2.98	
			<i>For Medium Gauge, Deduct</i>	-3.04	
08 71 11 00-0398	LF		2-1/2" Wide, Steel, Continuous Barrel-Type Hinge	35.72	4.65
			<i>For Stainless Steel, Add</i>	9.41	
			<i>For Brass Or Nickel, Add</i>	10.26	
			<i>For Aluminum, Add</i>	3.35	
			<i>For Medium Gauge, Deduct</i>	-3.42	
08 71 11 00-0399	LF		3" Wide, Steel, Continuous Barrel-Type Hinge	37.87	4.65
			<i>For Stainless Steel, Add</i>	10.59	
			<i>For Brass Or Nickel, Add</i>	11.55	
			<i>For Aluminum, Add</i>	3.77	
			<i>For Medium Gauge, Deduct</i>	-3.85	
08 71 11 00-0400			Continuous Geared Hinges <small>(08 71 11 00-0001)</small>		
08 71 11 00-0401	LF		Half Surface, Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-053)	59.79	4.65
			<i>For Bronze Finish, Add</i>	15.44	
			<i>For Heavy Duty, Add</i>	11.00	
08 71 11 00-0402	LF		Full Surface, Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-057).....	64.60	4.65
			<i>For Bronze Finish, Add</i>	17.24	
			<i>For Heavy Duty, Add</i>	12.29	
08 71 11 00-0403	LF		Concealed (Full Mortise), Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-112).....	40.48	4.65
			<i>For Bronze Finish, Add</i>	8.20	
08 71 11 00-0404	LF		Concealed (Full Mortise), Aluminum Geared Continuous Hinge, Heavy Duty (Roton 780-112HD).....	47.45	4.65
			<i>For Bronze Finish, Add</i>	10.81	
08 71 11 00-0405			Mortised, Primed Steel, Double Acting Spring Hinges <small>(08 71 11 00-0001)</small>		
08 71 11 00-0406	PR		2", Mortised, Primed Steel, Double Acting Spring Hinge	167.80	8.14
			<i>For Satin Brass, Add</i>	30.50	
08 71 11 00-0407	PR		3", Mortised, Primed Steel, Double Acting Spring Hinge	179.50	10.47
			<i>For Satin Brass, Add</i>	30.51	
08 71 11 00-0408	PR		4", Mortised, Primed Steel, Double Acting Spring Hinge	198.06	12.80
			<i>For Satin Brass, Add</i>	32.17	
08 71 11 00-0409	PR		5", Mortised, Primed Steel, Double Acting Spring Hinge	261.11	15.13
			<i>For Satin Brass, Add</i>	44.51	
08 71 11 00-0410	PR		6", Mortised, Primed Steel, Double Acting Spring Hinge	291.54	17.46
			<i>For Satin Brass, Add</i>	49.02	
08 71 11 00-0411	PR		7", Mortised, Primed Steel, Double Acting Spring Hinge	351.94	19.78
			<i>For Satin Brass, Add</i>	60.73	
08 71 11 00-0412	PR		8", Mortised, Primed Steel, Double Acting Spring Hinge	482.71	55.28
			<i>For Satin Brass, Add</i>	89.32	
08 71 11 00-0413			Security Hinges <small>(08 71 11 00-0001)</small>		
08 71 11 00-0414	EA		4-1/2" x 4-1/2", Non Removable Pin, Full Mortise, Ball Bearing, Steel Security Hinge	40.36	8.14
08 71 11 00-0415			Concealed Circuit Electric Hinge Option <small>(08 71 11 00-0001)</small>		
			Note: Excludes the hinge. These tasks are used in conjunction with other hinges in the Construction Task Catalog® to electrify the hinge.		
08 71 11 00-0416	EA		4 Wire Concealed Circuit Electric Hinge Option.....	294.99	
08 71 11 00-0417	EA		6 Wire Concealed Circuit Electric Hinge Option.....	348.28	
08 71 11 00-0418	EA		8 Wire Concealed Circuit Electric Hinge Option.....	401.57	
08 71 11 00-0419			Hinge Filler Plates For Door Frames <small>(08 71 11 00-0001)</small>		
08 71 11 00-0420	PR		Hinge Filler Plates For Door Frames.....	21.29	5.82
08 71 11 00-0421			Door Trim <small>(08 71 11)</small>		
08 71 11 00-0422			Floor Stops, Wall Stops And Bumpers <small>(08 71 11 00-0421)</small>		
08 71 11 00-0423			Floor Stops <small>(08 71 11 00-0422)</small>		
08 71 11 00-0424			Aluminum Floor Stops <small>(08 71 11 00-0423)</small>		
08 71 11 00-0425	EA		1-5/16" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS430)	32.65	14.55
08 71 11 00-0426	EA		1" Overall Height, 3/16" Base Height, Satin Aluminum Finish, Aluminum Dome Floor Stop (Ives FS436)	36.18	14.55
08 71 11 00-0427	EA		1-3/8" Overall Height, 9/16" Base Height, Satin Aluminum Finish, Aluminum Dome Floor Stop (Ives FS438)	37.53	14.55
08 71 11 00-0428	EA		2-1/8" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS441)	58.04	14.55
08 71 11 00-0429	EA		3" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS444/448).....	60.49	14.55
08 71 11 00-0430			Brass Floor Stops <small>(08 71 11 00-0423)</small>		
08 71 11 00-0431	EA		1" Overall Height, 3/16" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS436)	36.67	14.55
08 71 11 00-0432	EA		1" Overall Height, 3/16" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS436).....	38.02	14.55
08 71 11 00-0433	EA		1" Overall Height, 3/16" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS436).....	38.02	14.55
08 71 11 00-0434	EA		1" Overall Height, 3/16" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS436)	38.55	14.55

MINOR	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 71 11 00-0435	EA	1" Overall Height, 3/16" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS436).....	39.24	14.55
08 71 11 00-0436	EA	1" Overall Height, 3/16" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS436).....	39.24	14.55
08 71 11 00-0437	EA	1" Overall Height, 3/16" Base Height, Satin Nickel Finish, Brass Dome Floor Stop (Ives FS436).....	39.24	14.55
08 71 11 00-0438	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS438).....	37.53	14.55
08 71 11 00-0439	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS438).....	39.57	14.55
08 71 11 00-0440	EA	1-3/8" Overall Height, 9/16" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS438).....	39.57	14.55
08 71 11 00-0441	EA	1-3/8" Overall Height, 9/16" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS438).....	40.37	14.55
08 71 11 00-0442	EA	1-3/8" Overall Height, 9/16" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS438).....	41.05	14.55
08 71 11 00-0443	EA	1-3/8" Overall Height, 9/16" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS438).....	41.05	14.55
08 71 11 00-0444	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Nickel Finish, Brass Dome Floor Stop (Ives FS438).....	44.28	14.55
08 71 11 00-0445	EA	1" Overall Height, 5/32" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS13).....	39.70	14.55
08 71 11 00-0446	EA	1" Overall Height, 5/32" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS13).....	39.70	14.55
08 71 11 00-0447	EA	1" Overall Height, 5/32" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS13).....	41.94	14.55
08 71 11 00-0448	EA	1" Overall Height, 5/32" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS13).....	41.94	14.55
08 71 11 00-0449	EA	1" Overall Height, 5/32" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS13).....	41.94	14.55
08 71 11 00-0450	EA	1" Overall Height, 5/32" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS13).....	41.94	14.55
08 71 11 00-0451	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS17).....	41.25	14.55
08 71 11 00-0452	EA	1-11/32" Overall Height, 1/2" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS17).....	41.25	14.55
08 71 11 00-0453	EA	1-11/32" Overall Height, 1/2" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS17).....	43.43	14.55
08 71 11 00-0454	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS17).....	43.43	14.55
08 71 11 00-0455	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS17).....	43.43	14.55
08 71 11 00-0456	EA	1-11/32" Overall Height, 1/2" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS17).....	43.43	14.55
08 71 11 00-0457	EA	2-1/8" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS441).....	60.02	14.55
08 71 11 00-0458	EA	2-1/8" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS441).....	60.99	14.55
08 71 11 00-0459	EA	2-1/8" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS441).....	63.33	14.55
08 71 11 00-0460	EA	2-1/8" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS441).....	65.23	14.55
08 71 11 00-0461	EA	2-1/8" Overall Height, Satin Bronze Finish, Brass Floor Stop (Ives FS441).....	65.23	14.55
08 71 11 00-0462	EA	2-1/8" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS441).....	72.98	14.55
08 71 11 00-0463	EA	2-1/8" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS441).....	72.98	14.55
08 71 11 00-0464	EA	3" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS444/448).....	70.11	14.55
08 71 11 00-0465	EA	3" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS444/448).....	71.49	14.55
08 71 11 00-0466	EA	3" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS444/448).....	71.49	14.55
08 71 11 00-0467	EA	3" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS444/448).....	71.49	14.55
08 71 11 00-0468	EA	3" Overall Height, Satin Bronze Finish, Brass Floor Stop (Ives FS444/448).....	71.49	14.55
08 71 11 00-0469	EA	3" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS444/448).....	82.11	14.55
08 71 11 00-0470	EA	3" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS444/448).....	82.11	14.55
08 71 11 00-0471	EA	1-5/16" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS430).....	48.47	14.55
08 71 11 00-0472	EA	1-5/16" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS430).....	50.24	14.55
08 71 11 00-0473	EA	1-5/16" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS430).....	54.23	14.55
08 71 11 00-0474	EA	1-5/16" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS430).....	54.23	14.55
08 71 11 00-0475	EA	1-5/16" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS430).....	54.23	14.55
08 71 11 00-0476	EA	1-5/16" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS430).....	55.42	14.55

08 71 11 00-0477	Steel Floor Stops <small>(08 71 11 00-0423)</small>			
08 71 11 00-0478	EA	2-5/8" Overall Height, Zinc Plated Finish, Wrought Steel Floor Stop (Ives FS434).....	41.58	14.55
08 71 11 00-0479	EA	1-1/2" Overall Height, Grout In, Molded Rubber Security Floor Stop (Ives FS18S).....	107.25	14.55
		Note: Includes drilling. Excludes Grout.		
08 71 11 00-0480	EA	3-1/2" Overall Height, Grout In, Molded Rubber Security Floor Stop (Ives FS18L).....	112.84	14.55
		Note: Includes drilling. Excludes Grout.		

08 71 11 00-0481	Wall Stops <small>(08 71 11 00-0422)</small>			
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08 71 11 00-0482	Aluminum Wall Stops <small>(08 71 11 00-0481)</small>			
08 71 11 00-0483	EA	3-3/4" Projection, Residential Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop (Ives 60).....	16.52	5.82
08 71 11 00-0484	EA	3-3/4" Projection, Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop (Ives WS65).....	24.08	8.73

08 71 11 00-0485	Brass Wall Stops <small>(08 71 11 00-0481)</small>			
08 71 11 00-0486	EA	3-3/4" Projection, Residential Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives 60).....	28.54	5.82
08 71 11 00-0487	EA	3-3/4" Projection, Residential Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives 60).....	28.54	5.82
08 71 11 00-0488	EA	3-3/4" Projection, Residential Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives 60).....	28.54	5.82
08 71 11 00-0489	EA	3-3/4" Projection, Residential Rigid Type, Satin Nickel Finish, Brass Wall Stop (Ives 60).....	33.78	5.82
08 71 11 00-0490	EA	3-3/4" Projection, Residential Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives 60).....	34.27	5.82
08 71 11 00-0491	EA	3-3/4" Projection, Residential Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives 60).....	34.27	5.82
08 71 11 00-0492	EA	3-3/4" Projection, Residential Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives 60).....	34.27	5.82
08 71 11 00-0493	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS11).....	79.93	8.73
08 71 11 00-0494	EA	3-3/4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives WS11).....	81.78	8.73
08 71 11 00-0495	EA	3-3/4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives WS11).....	81.78	8.73
08 71 11 00-0496	EA	3-3/4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives WS11).....	81.78	8.73
08 71 11 00-0497	EA	3-3/4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives WS11).....	81.78	8.73
08 71 11 00-0498	EA	3-3/4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives WS11).....	81.78	8.73
08 71 11 00-0499	EA	3-3/4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives WS443/447).....	66.92	8.73
08 71 11 00-0500	EA	3-3/4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives WS443/447).....	76.90	8.73
08 71 11 00-0501	EA	3-3/4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives WS443/447).....	76.90	8.73
08 71 11 00-0502	EA	3-3/4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives WS443/447).....	76.90	8.73
08 71 11 00-0503	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS443/447).....	76.90	8.73
08 71 11 00-0504	EA	3-3/4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives WS443/447).....	79.27	8.73
08 71 11 00-0505	EA	3-3/4" Projection, Rigid Type, Satin Nickel Finish, Brass Wall Stop (Ives WS443/447).....	79.27	8.73
08 71 11 00-0506	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS33).....	128.56	8.73

08 71 11 00-0507	Steel Wall Stops <small>(08 71 11 00-0481)</small>			
08 71 11 00-0508	EA	3" Projection, Residential Spring Type, Bright Brass Finish, Steel Wall Stop (Ives 63).....	12.66	5.82

08 Openings**08 70 Hardware****08 71 Door Hardware**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 11 00-0509		Hinge Pin Door Stops (08 71 11 00-0422)		
08 71 11 00-0510		Aluminum Hinge Pin Door Stops (08 71 11 00-0509)		
08 71 11 00-0511	EA	Satin Aluminum Finish, Aluminum Hinge Pin Door Stop (Ives 70).....	26.30	11.64
08 71 11 00-0512		Brass Hinge Pin Door Stops (08 71 11 00-0509)		
08 71 11 00-0513	EA	Satin Brass Finish, Brass Residential Hinge Pin Door Stop (Ives 72).....	26.88	11.64
08 71 11 00-0514	EA	Satin Brass Finish, Brass Hinge Pin Door Stop (Ives 73).....	30.52	11.64
08 71 11 00-0515	EA	Satin Chrome Finish, Brass Hinge Pin Door Stop (Ives 70).....	39.29	11.64
08 71 11 00-0516	EA	Satin Brass Finish, Brass Hinge Pin Door Stop (Ives 70).....	39.29	11.64
08 71 11 00-0517	EA	Bright Brass Finish, Brass Hinge Pin Door Stop (Ives 70).....	39.29	11.64
08 71 11 00-0518	EA	Bright Chrome Finish, Brass Hinge Pin Door Stop (Ives 70).....	43.40	11.64
08 71 11 00-0519	EA	Satin Bronze Finish, Brass Hinge Pin Door Stop (Ives 70).....	43.40	11.64
08 71 11 00-0520	EA	Dark Bronze Finish, Brass Hinge Pin Door Stop (Ives 70).....	43.40	11.64
08 71 11 00-0521	EA	Satin Nickel Finish, Brass Hinge Pin Door Stop (Ives 70).....	43.40	11.64
08 71 11 00-0522		Wall Bumpers (08 71 11 00-0422)		
08 71 11 00-0523		Brass Wall Bumpers (08 71 11 00-0522)		
08 71 11 00-0524	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Chrome Finish, Wrought Brass Wall Bumper (Ives WS406/407).....	34.82	14.55
08 71 11 00-0525	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Brass Finish, Wrought Brass Wall Bumper (Ives WS406/407).....	34.82	14.55
08 71 11 00-0526	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Brass Finish, Wrought Brass Wall Bumper (Ives WS406/407).....	34.82	14.55
08 71 11 00-0527	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Chrome Finish, Wrought Brass Wall Bumper (Ives WS406/407).....	35.32	14.55
08 71 11 00-0528	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Bronze Finish, Wrought Brass Wall Bumper (Ives WS406/407).....	35.32	14.55
08 71 11 00-0529	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Dark Bronze Finish, Wrought Brass Wall Bumper (Ives WS406/407).....	35.32	14.55
08 71 11 00-0530	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Nickel Finish, Wrought Brass Wall Bumper (Ives WS406/407).....	35.32	14.55
08 71 11 00-0531	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Brass Finish, Cast Brass Wall Bumper (Ives WS401/402).....	52.19	14.55
08 71 11 00-0532	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Chrome Finish, Cast Brass Wall Bumper (Ives WS401/402).....	56.77	14.55
08 71 11 00-0533	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Chrome Finish, Cast Brass Wall Bumper (Ives WS401/402).....	56.77	14.55
08 71 11 00-0534	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Brass Finish, Cast Brass Wall Bumper (Ives WS401/402).....	56.77	14.55
08 71 11 00-0535	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Bronze Finish, Cast Brass Wall Bumper (Ives WS401/402).....	56.77	14.55
08 71 11 00-0536	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Dark Bronze Finish, Cast Brass Wall Bumper (Ives WS401/402).....	56.77	14.55
08 71 11 00-0537	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Nickel Finish, Cast Brass Wall Bumper (Ives WS401/402).....	57.79	14.55
08 71 11 00-0538		Rubber Wall Bumpers (08 71 11 00-0522)		
08 71 11 00-0539	EA	1-7/8" Base Diameter, Adhesive-Backed, Concave Rubber Wall Bumper (Ives WS411R-W).....	33.00	14.55
08 71 11 00-0540		Holders (08 71 11 00-0421)		
08 71 11 00-0541		Plunger Type Door Holders (08 71 11 00-0540)		
08 71 11 00-0542		Aluminum Plunger Type Door Holders (08 71 11 00-0541)		
08 71 11 00-0543	EA	Satin Aluminum Finish, Aluminum Plunger Type Door Holder (Ives FS1153).....	84.48	8.73
08 71 11 00-0544		Brass Plunger Type Door Holders (08 71 11 00-0541)		
08 71 11 00-0545	EA	Satin Chrome Finish, Brass Plunger Type Door Holder (Ives FS1154).....	138.35	8.73
08 71 11 00-0546	EA	Bright Chrome Finish, Brass Plunger Type Door Holder (Ives FS1154).....	138.35	8.73
08 71 11 00-0547	EA	Satin Brass Finish, Brass Plunger Type Door Holder (Ives FS1154).....	138.35	8.73
08 71 11 00-0548	EA	Bright Brass Finish, Brass Plunger Type Door Holder (Ives FS1154).....	138.35	8.73
08 71 11 00-0549	EA	Satin Bronze Finish, Brass Plunger Type Door Holder (Ives FS1154).....	138.35	8.73
08 71 11 00-0550	EA	Dark Bronze Finish, Brass Plunger Type Door Holder (Ives FS1154).....	138.35	8.73
08 71 11 00-0551	EA	Satin Nickel Finish, Brass Plunger Type Door Holder (Ives FS1154).....	138.35	8.73
08 71 11 00-0552		Kick Down Door Holders (08 71 11 00-0540)		
08 71 11 00-0553		Aluminum Kick Down Door Holders (08 71 11 00-0552)		
08 71 11 00-0554	EA	Satin Aluminum Finish, Aluminum Kick Down Door Holder (Ives FS455).....	28.40	8.73
08 71 11 00-0555		Brass Kick Down Door Holders (08 71 11 00-0552)		
08 71 11 00-0556	EA	Satin Brass Finish, Brass Kick Down Door Holder (Ives FS455).....	61.90	8.73
08 71 11 00-0557	EA	Bright Brass Finish, Brass Kick Down Door Holder (Ives FS455).....	61.90	8.73
08 71 11 00-0558	EA	Satin Bronze Finish, Brass Kick Down Door Holder (Ives FS455).....	61.90	8.73
08 71 11 00-0559	EA	Satin Chrome Finish, Brass Kick Down Door Holder (Ives FS455).....	70.64	8.73

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0560	EA		Bright Chrome Finish, Brass Kick Down Door Holder (Ives FS455)	70.64	8.73
08 71 11 00-0561	EA		Dark Bronze Finish, Brass Kick Down Door Holder (Ives FS455)	70.64	8.73
08 71 11 00-0562	EA		Satin Nickel Finish, Brass Kick Down Door Holder (Ives FS455)	72.85	8.73
08 71 11 00-0563			Steel Kick Down Door Holders (08 71 11 00-0563)		
08 71 11 00-0564	EA		Steel Kick Down Door Holder (Ives FS544)	35.16	8.73
08 71 11 00-0565			Floor Mounted Door Holders (08 71 11 00-0540)		
08 71 11 00-0566			Brass Floor Mounted Door Holders (08 71 11 00-0565)		
08 71 11 00-0567	EA		Up To 1/2" Door To Floor Clearance, Satin Chrome Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	121.17	17.46
			For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
			For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
			For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08 71 11 00-0568	EA		Up To 1/2" Door To Floor Clearance, Satin Brass Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	121.17	17.46
			For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
			For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
			For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08 71 11 00-0569	EA		Up To 1/2" Door To Floor Clearance, Bright Chrome Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	150.20	17.46
			For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
			For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
			For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08 71 11 00-0570	EA		Up To 1/2" Door To Floor Clearance, Bright Brass Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	150.20	17.46
			For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
			For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
			For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08 71 11 00-0571	EA		Up To 1/2" Door To Floor Clearance, Satin Bronze Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	150.20	17.46
			For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
			For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
			For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08 71 11 00-0572	EA		Up To 1/2" Door To Floor Clearance, Dark Bronze Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	150.20	17.46
			For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
			For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
			For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08 71 11 00-0573			Wall Mounted Door Holders (08 71 11 00-0540)		
08 71 11 00-0574			Aluminum Wall Mounted Door Holders (08 71 11 00-0573)		
08 71 11 00-0575	EA		4" Projection, Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop And Manual Door Holder (Ives WS20)	107.64	10.18
08 71 11 00-0576	EA		Wall Mounted, Satin Aluminum Finish, Aluminum Automatic Door Holder (Ives WS40)	157.84	17.46
08 71 11 00-0577			Brass Wall Mounted Door Holders (08 71 11 00-0573)		
08 71 11 00-0578	EA		3-11/16" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	98.85	10.18
08 71 11 00-0579	EA		3-11/16" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	114.59	10.18
08 71 11 00-0580	EA		3-11/16" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	114.59	10.18
08 71 11 00-0581	EA		3-11/16" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	114.59	10.18
08 71 11 00-0582	EA		3-11/16" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	114.59	10.18
08 71 11 00-0583	EA		3-11/16" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	114.59	10.18
08 71 11 00-0584	EA		3-11/16" Projection, Rigid Type, Satin Nickel Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	118.29	10.18
08 71 11 00-0585	EA		4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	112.03	10.18
08 71 11 00-0586	EA		4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	133.50	10.18
08 71 11 00-0587	EA		4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	133.50	10.18
08 71 11 00-0588	EA		4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	133.50	10.18
08 71 11 00-0589	EA		4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	133.50	10.18
08 71 11 00-0590	EA		4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	133.50	10.18
08 71 11 00-0591	EA		Wall Mounted, Satin Chrome Finish, Brass Automatic Door Holder (Ives WS40)	179.26	17.46
08 71 11 00-0592	EA		Wall Mounted, Bright Chrome Finish, Brass Automatic Door Holder (Ives WS40)	188.91	17.46
08 71 11 00-0593	EA		Wall Mounted, Satin Brass Finish, Brass Automatic Door Holder (Ives WS40)	188.91	17.46
08 71 11 00-0594	EA		Wall Mounted, Bright Brass Finish, Brass Automatic Door Holder (Ives WS40)	188.91	17.46
08 71 11 00-0595	EA		Wall Mounted, Satin Bronze Finish, Brass Automatic Door Holder (Ives WS40)	188.91	17.46
08 71 11 00-0596	EA		Wall Mounted, Dark Bronze Finish, Brass Automatic Door Holder (Ives WS40)	188.91	17.46
08 71 11 00-0597			Overhead Door Holders (08 71 11 00-0540)		
08 71 11 00-0598			Surface Mounted, Overhead Door Holders (08 71 11 00-0597)		
08 71 11 00-0599	EA		Surface Mounted, Aluminum Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	556.36	29.09
			For Hold Open, Add	63.49	
08 71 11 00-0600	EA		Surface Mounted, Dark Bronze Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	637.41	29.09
			For Hold Open, Add	75.18	
08 71 11 00-0601	EA		Surface Mounted, Polished Brass Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	637.41	29.09
			For Hold Open, Add	75.18	
08 71 11 00-0602	EA		Surface Mounted, Polished Chrome Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	637.41	29.09
			For Hold Open, Add	75.18	
08 71 11 00-0603	EA		Surface Mounted, Stainless Steel Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	634.66	29.09
			For Hold Open, Add	74.79	

08 Openings**08 70 Hardware****08 71 Door Hardware**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 11 00-0604		Heavy Duty, Surface Mounted, Overhead Door Holders (08 71 11 00-0597)		
		Note: With or without hold open feature.		
08 71 11 00-0605	EA	Heavy Duty, Surface Mounted, Aluminum Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	433.95	29.09
08 71 11 00-0606	EA	Heavy Duty, Surface Mounted, Stainless Steel Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	627.49	29.09
08 71 11 00-0607	EA	Heavy Duty, Surface Mounted, Dark Bronze Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	711.85	29.09
08 71 11 00-0608	EA	Heavy Duty, Surface Mounted, Polished Brass Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	711.85	29.09
08 71 11 00-0609	EA	Heavy Duty, Surface Mounted, Polished Chrome Finish, Overhead Door Holder/Stop (Glynn Johnson 90).....	711.85	29.09
08 71 11 00-0610		Concealed Mounted, Overhead Door Holders (08 71 11 00-0597)		
		Note: With or without hold open feature.		
08 71 11 00-0611	EA	Concealed Mounted, Aluminum Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	607.09	29.09
08 71 11 00-0612	EA	Concealed Mounted, Stainless Steel Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	607.09	29.09
08 71 11 00-0613	EA	Concealed Mounted, Dark Bronze Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	640.17	29.09
08 71 11 00-0614	EA	Concealed Mounted, Polished Brass Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	668.29	29.09
08 71 11 00-0615	EA	Concealed Mounted, Polished Chrome Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	668.29	29.09
08 71 11 00-0616		Silencers (08 71 11 00-0421)		
08 71 11 00-0617	EA	Replacement Of Rubber Door Silencers.....	1.75	
		Note: For repair / maintenance only. This task is not to be used in conjunction with new door or frame installations.		
08 71 11 00-0618		Bolts (08 71 11 00-0421)		
08 71 11 00-0619		Brass Surface Bolts (08 71 11 00-0618)		
08 71 11 00-0620	EA	8" Length, Satin Chrome Finish, Brass Surface Bolt With Strike (Ives SB1640).....	181.93	14.55
08 71 11 00-0621	EA	8" Length, Bright Brass Finish, Brass Surface Bolt With Strike (Ives SB1640).....	194.67	14.55
08 71 11 00-0622	EA	8" Length, Dark Bronze Finish, Brass Surface Bolt With Strike (Ives SB1640).....	194.67	14.55
08 71 11 00-0623		Steel Surface Bolts (08 71 11 00-0618)		
08 71 11 00-0624	EA	8" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB453).....	83.24	14.55
08 71 11 00-0625	EA	8" Length, Bright Brass Finish, Steel Surface Bolt With Strike (Ives SB453).....	83.24	14.55
08 71 11 00-0626	EA	8" Length, Satin Brass Finish, Steel Surface Bolt With Strike (Ives SB453)	83.24	14.55
08 71 11 00-0627	EA	8" Length, Satin Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	94.37	14.55
08 71 11 00-0628	EA	8" Length, Satin Chrome Finish, Steel Surface Bolt With Strike (Ives SB453).....	95.97	14.55
08 71 11 00-0629	EA	8" Length, Dark Bronze Finish, Steel Surface Bolt With Strike (Ives SB453).....	99.14	14.55
08 71 11 00-0630	EA	12" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB453).....	97.54	14.55
08 71 11 00-0631	EA	12" Length, Satin Bronze Finish, Steel Surface Bolt With Strike (Ives SB453).....	102.34	14.55
08 71 11 00-0632	EA	12" Length, Dark Bronze Finish, Steel Surface Bolt With Strike (Ives SB453).....	108.71	14.55
08 71 11 00-0633	EA	12" Length, Satin Chrome Finish, Steel Surface Bolt With Strike (Ives SB453).....	113.48	14.55
08 71 11 00-0634	EA	12" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB360).....	177.16	14.55
08 71 11 00-0635		Door Viewer (08 71 11 00-0421)		
08 71 11 00-0636		Brass Door Viewer (08 71 11 00-0635)		
08 71 11 00-0637	EA	120 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Door Viewer (Ives U700).....	44.28	14.55
08 71 11 00-0638	EA	120 Degree Angle Of View, Satin Brass Finish, Brass One-Way Door Viewer (Ives U700)	44.28	14.55
08 71 11 00-0639	EA	120 Degree Angle Of View, Dark Bronze Finish, Brass One-Way Door Viewer (Ives U700).....	44.28	14.55
08 71 11 00-0640	EA	150 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Door Viewer (Ives U696).....	51.39	14.55
08 71 11 00-0641	EA	150 Degree Angle Of View, Dark Bronze Finish, Brass One-Way Door Viewer (Ives U696)	51.39	14.55
08 71 11 00-0642	EA	150 Degree Angle Of View, Satin Brass Finish, Brass One-Way Door Viewer (Ives U696)	51.39	14.55
08 71 11 00-0643	EA	190 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Wide Angle Door Viewer (Ives U698).....	60.16	14.55
08 71 11 00-0644	EA	190 Degree Angle Of View, Bright Brass Finish, Brass One-Way Wide Angle Door Viewer (Ives U698).....	60.16	14.55
08 71 11 00-0645		Door Knockers (08 71 11 00-0421)		
08 71 11 00-0646		Brass Door Knockers (08 71 11 00-0645)		
08 71 11 00-0647	EA	5-15/16" Length, 3" Width, Bright Brass Finish, Brass Door Knocker (Ives 3125)	66.23	14.55
08 71 11 00-0648	EA	5-15/16" Length, 3" Width, Satin Chrome Finish, Brass Door Knocker (Ives 3125).....	72.98	14.55
08 71 11 00-0649	EA	5-15/16" Length, 3" Width, Bright Chrome Finish, Brass Door Knocker (Ives 3125).....	72.98	14.55
08 71 11 00-0650	EA	5-15/16" Length, 3" Width, Satin Nickel Finish, Brass Door Knocker (Ives 3125).....	72.98	14.55
08 71 11 00-0651	EA	8-1/2" Length, 4-1/8" Width, Bright Brass Finish, Brass Door Knocker (Ives 3107)	98.62	14.55
08 71 11 00-0652	EA	8-1/2" Length, 4-1/8" Width, Satin Nickel Finish, Brass Door Knocker (Ives 3107).....	114.91	14.55
08 71 11 00-0653		Hasps (08 71 11 00-0421)		
08 71 11 00-0654	EA	3-1/4", Zinc Plated Finish, Steel Hasp Assembly	31.17	10.98
08 71 11 00-0655	EA	4-1/2", Zinc Plated Finish, Steel Hasp Assembly	33.22	11.64
08 71 11 00-0656	EA	6", Zinc Plated Finish, Steel Hasp Assembly	42.34	13.09
08 71 11 00-0657	EA	6", Zinc Plated Finish, Steel High Security Hasp Assembly.....	171.47	15.70
08 71 11 00-0658		Flush Bolts (08 71 11 00-0421)		
08 71 11 00-0659		Flush Bolts For Metal Doors (08 71 11 00-0658)		
08 71 11 00-0660		Brass Flush Bolts For Metal Doors (08 71 11 00-0659)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 71 11 00-0661			Manual, Brass Flush Bolts For Metal Doors (08 71 11 00-0660) Note: Includes brass construction with bright brass, satin brass, satin bronze, dark bronze, satin nickel, bright chrome or satin chrome finish.		
08 71 11 00-0662	EA		Top Or Bottom Bolt, Manual, Brass Flush Bolt For Metal Doors (Ives FB457/458)	64.13	14.55
08 71 11 00-0663			Automatic, Brass Flush Bolts For Metal Doors (08 71 11 00-0660) Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0664	EA		Top Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31T)	130.72	14.55
08 71 11 00-0665	EA		Bottom Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31B)	130.72	14.55
08 71 11 00-0666	EA		Top And Bottom Bolt, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31P)	227.10	23.27
08 71 11 00-0667	EA		Top Bolt With Auxiliary Fire Latch, Automatic, Brass Flush Bolt For Metal Doors (Ives FB32)	233.32	20.36
08 71 11 00-0668	EA		Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Automatic, Brass Flush Bolt For Metal Doors (Ives FB33)	242.60	21.81
08 71 11 00-0669			Constant Latching, Brass Flush Bolts For Metal Doors (08 71 11 00-0660) Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0670	EA		Top Bolt Only, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB51T)	154.72	14.55
08 71 11 00-0671	EA		Top And Bottom Bolt, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB51P)	287.28	23.27
08 71 11 00-0672	EA		Top Bolt With Auxiliary Fire Latch, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB52)	281.46	20.36
08 71 11 00-0673	EA		Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB53)	292.34	21.81
08 71 11 00-0674			Stainless Steel Flush Bolts For Metal Doors (08 71 11 00-0659)		
08 71 11 00-0675			Automatic, Stainless Steel Flush Bolts For Metal Doors (08 71 11 00-0674) Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0676	EA		Top Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31T)	130.72	14.55
08 71 11 00-0677	EA		Bottom Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31B)	130.72	14.55
08 71 11 00-0678	EA		Top And Bottom Bolt, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31P)	227.10	23.27
08 71 11 00-0679	EA		Top Bolt With Auxiliary Fire Latch, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB32)	233.32	20.36
08 71 11 00-0680	EA		Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB33)	242.60	21.81
08 71 11 00-0681			Constant Latching, Stainless Steel Flush Bolts For Metal Doors (08 71 11 00-0674) Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0682	EA		Top Bolt Only, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB51T)	154.72	14.55
08 71 11 00-0683	EA		Top And Bottom Bolt, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB51P)	287.28	23.27
08 71 11 00-0684	EA		Top Bolt With Auxiliary Fire Latch, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB52)	281.46	20.36
08 71 11 00-0685	EA		Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB53)	292.34	21.81
08 71 11 00-0686			Flush Bolts For Wood Doors (08 71 11 00-0658)		
08 71 11 00-0687			Brass Flush Bolts For Wood Doors (08 71 11 00-0686)		
08 71 11 00-0688			Manual, Brass Flush Bolts For Wood Doors (08 71 11 00-0687) Note: Includes brass construction with bright brass, satin brass, satin bronze, dark bronze, satin nickel, bright chrome or satin chrome finish.		
08 71 11 00-0689	EA		Top Or Bottom Bolt, Manual, Brass Flush Bolt For Wood Doors (Ives FB358)	76.04	14.55
08 71 11 00-0690			Automatic, Brass Flush Bolts For Wood Doors (08 71 11 00-0687) Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0691	EA		Top Bolt Only, Automatic, Brass Flush Bolt For Wood Doors (Ives FB41T)	162.33	14.55
08 71 11 00-0692	EA		Bottom Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB41B)	162.33	14.55
08 71 11 00-0693	EA		Top And Bottom Bolt, Automatic, Brass Flush Bolt For Wood Doors (Ives FB41P)	300.65	23.27
08 71 11 00-0694	EA		Top Bolt With Auxiliary Fire Latch, Automatic, Brass Flush Bolt For Wood Doors (Ives FB42)	294.83	20.36
08 71 11 00-0695			Constant Latching, Brass Flush Bolts For Wood Doors (08 71 11 00-0687) Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0696	EA		Top Bolt Only, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB61T)	161.09	14.55
08 71 11 00-0697	EA		Top And Bottom Bolt, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB61P)	300.65	23.27
08 71 11 00-0698	EA		Top Bolt With Auxiliary Fire Latch, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB62)	294.83	20.36
08 71 11 00-0699			Stainless Steel Flush Bolts For Wood Doors (08 71 11 00-0686)		
08 71 11 00-0700			Automatic, Stainless Steel Flush Bolts For Wood Doors (08 71 11 00-0699) Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0701	EA		Top Bolt Only, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB41T)	162.33	14.55
08 71 11 00-0702	EA		Bottom Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB41B)	162.33	14.55
08 71 11 00-0703	EA		Top And Bottom Bolt, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB41P)	300.65	23.27
08 71 11 00-0704	EA		Top Bolt With Auxiliary Fire Latch, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB42)	294.83	20.36
08 71 11 00-0705			Constant Latching, Stainless Steel Flush Bolts For Wood Doors (08 71 11 00-0699) Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0706	EA		Top Bolt Only, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB61T)	161.09	14.55
08 71 11 00-0707	EA		Top And Bottom Bolt, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB61P)	300.65	23.27
08 71 11 00-0708	EA		Top Bolt With Auxiliary Fire Latch, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB62)	294.83	20.36

08 Openings**08 70 Hardware****08 71 Door Hardware**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

		MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST		
08 71 11 00-0709		Dust Proof Strikes (08 71 11 00-0658)							
08 71 11 00-0710	EA				Satin Brass Finish, Brass Dust Proof Strike (Ives DP1).....	57.35	11.64		
08 71 11 00-0711	EA				Satin Chrome Finish, Brass Dust Proof Strike (Ives DP1).....	57.35	11.64		
08 71 11 00-0712	EA				Bright Brass Finish, Brass Dust Proof Strike (Ives DP1).....	57.35	11.64		
08 71 11 00-0713	EA				Satin Bronze Finish, Brass Dust Proof Strike (Ives DP1).....	57.35	11.64		
08 71 11 00-0714	EA				Dark Bronze Finish, Brass Dust Proof Strike (Ives DP1).....	57.35	11.64		
08 71 11 00-0715	EA				Satin Bronze Finish, Brass Dust Proof Strike With Plate (Ives DP2).....	66.25	11.64		
08 71 11 00-0716	EA				Satin Chrome Finish, Brass Dust Proof Strike With Plate (Ives DP2).....	66.25	11.64		
08 71 11 00-0717	EA				Satin Brass Finish, Brass Dust Proof Strike With Plate (Ives DP2).....	66.25	11.64		
08 71 11 00-0718	EA				Bright Brass Finish, Brass Dust Proof Strike With Plate (Ives DP2).....	66.25	11.64		
08 71 11 00-0719	EA				Dark Bronze Finish, Brass Dust Proof Strike With Plate (Ives DP2).....	66.25	11.64		
08 71 11 00-0720		Roller Bumpers (08 71 11 00-0421)							
08 71 11 00-0721		Brass Roller Bumpers (08 71 11 00-0720)							
08 71 11 00-0722	EA				5" Length, Bright Brass Finish, Brass Offset Arm Roller Bumper (Ives RB470).....	60.19	8.73		
08 71 11 00-0723	EA				5" Length, Satin Chrome Finish, Brass Offset Arm Roller Bumper (Ives RB470).....	70.83	8.73		
08 71 11 00-0724	EA				5" Length, Bright Chrome Finish, Brass Offset Arm Roller Bumper (Ives RB470).....	70.83	8.73		
08 71 11 00-0725	EA				4-1/2" Length, Bright Brass Finish, Brass Straight Arm Roller Bumper (Ives RB471).....	57.79	8.73		
08 71 11 00-0726	EA				4-1/2" Length, Satin Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB471).....	65.90	8.73		
08 71 11 00-0727	EA				4-1/2" Length, Bright Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB471).....	65.90	8.73		
08 71 11 00-0728	EA				4-1/2" Length, Satin Brass Finish, Brass Straight Arm Roller Bumper (Ives RB471).....	65.90	8.73		
08 71 11 00-0729	EA				6" Length, Bright Brass Finish, Brass Straight Arm Roller Bumper (Ives RB472).....	60.36	8.73		
08 71 11 00-0730	EA				6" Length, Satin Nickel Finish, Brass Straight Arm Roller Bumper (Ives RB472).....	66.09	8.73		
08 71 11 00-0731	EA				6" Length, Satin Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB472).....	68.79	8.73		
08 71 11 00-0732	EA				6" Length, Bright Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB472).....	68.79	8.73		
08 71 11 00-0733	EA				6" Length, Satin Brass Finish, Brass Straight Arm Roller Bumper (Ives RB472).....	68.79	8.73		
08 71 11 00-0734	EA				6" Length, Satin Bronze Finish, Brass Straight Arm Roller Bumper (Ives RB472).....	68.79	8.73		
08 71 11 00-0735	EA				6" Length, Dark Bronze Finish, Brass Straight Arm Roller Bumper (Ives RB472).....	68.79	8.73		
08 71 11 00-0736		Other Door Trim (08 71 11 00-0421)							
08 71 11 00-0737		Coat And Hat Hooks (08 71 11 00-0736)							
08 71 11 00-0738		Aluminum Coat And Hat Hooks (08 71 11 00-0737)							
08 71 11 00-0739	EA				1-1/4" Height, 1-1/4" Width, Bright Brass Finish, Aluminum Wardrobe Hook (Ives 581).....	20.37	8.73		
08 71 11 00-0740	EA				1-1/4" Height, 1-1/4" Width, Aluminum Finish, Aluminum Wardrobe Hook (Ives 581).....	20.37	8.73		
08 71 11 00-0741	EA				1-1/4" Height, 1-1/4" Width, Satin Nickel Finish, Aluminum Wardrobe Hook (Ives 581).....	20.56	8.73		
08 71 11 00-0742	EA				1-3/4" Height, 1-1/4" Width, Satin Bronze Finish, Aluminum Coat And Hat Hook (Ives 571).....	20.23	8.73		
08 71 11 00-0743	EA				1-3/4" Height, 1-1/4" Width, Bright Brass Finish, Aluminum Coat And Hat Hook (Ives 571).....	20.23	8.73		
08 71 11 00-0744	EA				1-3/4" Height, 1-1/4" Width, Aluminum Finish, Aluminum Coat And Hat Hook (Ives 571).....	20.23	8.73		
08 71 11 00-0745	EA				1-3/4" Height, 1-1/4" Width, Satin Nickel Finish, Aluminum Coat And Hat Hook (Ives 571).....	20.56	8.73		
08 71 11 00-0746	EA				1-1/2" Height, 2-1/2" Width, Satin Brass Finish, Aluminum Coat And Hat Hook (Ives 405).....	21.55	8.73		
08 71 11 00-0747	EA				1-1/2" Height, 2-1/2" Width, Bright Brass Finish, Aluminum Coat And Hat Hook (Ives 405).....	21.55	8.73		
08 71 11 00-0748	EA				1-1/2" Height, 2-1/2" Width, Satin Bronze Finish, Aluminum Coat And Hat Hook (Ives 405).....	21.55	8.73		
08 71 11 00-0749	EA				1-1/2" Height, 2-1/2" Width, Dark Bronze Finish, Aluminum Coat And Hat Hook (Ives 405).....	21.55	8.73		
08 71 11 00-0750	EA				1-1/2" Height, 2-1/2" Width, Aluminum Finish, Aluminum Coat And Hat Hook (Ives 405).....	21.55	8.73		
08 71 11 00-0751		Brass Coat And Hat Hooks (08 71 11 00-0737)							
08 71 11 00-0752	EA				1-1/4" Height, 1-1/4" Width, Bright Brass Finish, Brass Wardrobe Hook (Ives 581).....	25.77	8.73		
08 71 11 00-0753	EA				1-1/4" Height, 1-1/4" Width, Satin Brass Finish, Brass Wardrobe Hook (Ives 581).....	26.30	8.73		
08 71 11 00-0754	EA				1-1/4" Height, 1-1/4" Width, Dark Bronze Finish, Brass Wardrobe Hook (Ives 581).....	27.12	8.73		
08 71 11 00-0755	EA				1-1/4" Height, 1-1/4" Width, Satin Chrome Finish, Brass Wardrobe Hook (Ives 581).....	27.12	8.73		
08 71 11 00-0756	EA				1-1/4" Height, 1-1/4" Width, Satin Nickel Finish, Brass Wardrobe Hook (Ives 581).....	27.65	8.73		
08 71 11 00-0757	EA				1-3/4" Height, 1-1/4" Width, Bright Brass Finish, Brass Coat And Hat Hook (Ives 571).....	29.33	8.73		
08 71 11 00-0758	EA				1-3/4" Height, 1-1/4" Width, Satin Brass Finish, Brass Coat And Hat Hook (Ives 571).....	31.70	8.73		
08 71 11 00-0759	EA				1-3/4" Height, 1-1/4" Width, Dark Bronze Finish, Brass Coat And Hat Hook (Ives 571).....	31.70	8.73		
08 71 11 00-0760	EA				1-3/4" Height, 1-1/4" Width, Satin Chrome Finish, Brass Coat And Hat Hook (Ives 571).....	31.70	8.73		
08 71 11 00-0761	EA				1-3/4" Height, 1-1/4" Width, Satin Nickel Finish, Brass Coat And Hat Hook (Ives 571).....	32.22	8.73		
08 71 11 00-0762		Door Plates And Pulls (08 71 11)							
08 71 11 00-0763		Kick Plate (08 71 11 00-0762)							
		Note: Ives 8400.							
08 71 11 00-0764		Aluminum Base Material Kick Plate (08 71 11 00-0763)							
08 71 11 00-0765		Satin Aluminum Finish, Aluminum Kick Plate (08 71 11 00-0764)							
08 71 11 00-0766	EA				8" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	61.25	8.73		
					For Four Beveled Edges, Add	1.76			
					For UL Label (Fire Rated), Add	11.40			
08 71 11 00-0767	EA				8" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	63.68	8.73		
					For Four Beveled Edges, Add	1.76			
					For UL Label (Fire Rated), Add	11.40			
08 71 11 00-0768	EA				8" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	66.05	8.73		
					For Four Beveled Edges, Add	1.76			
					For UL Label (Fire Rated), Add	11.40			
08 71 11 00-0769	EA				8" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	68.45	8.73		
					For Four Beveled Edges, Add	1.76			
					For UL Label (Fire Rated), Add	11.40			
08 71 11 00-0770	EA				8" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	73.21	9.31		
					For Four Beveled Edges, Add	1.76			
					For UL Label (Fire Rated), Add	11.40			

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0771	EA		8" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	75.55 1.76 11.40	9.31
08 71 11 00-0772	EA		8" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	77.96 1.76 11.40	9.31
08 71 11 00-0773	EA		8" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	80.35 1.76 11.40	9.31
08 71 11 00-0774	EA		8" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	85.07 1.76 11.40	9.90
08 71 11 00-0775	EA		8" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	87.47 1.76 11.40	9.90
08 71 11 00-0776	EA		8" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	89.84 1.76 11.40	9.90
08 71 11 00-0777	EA		8" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	94.60 1.76 11.40	10.47
08 71 11 00-0778	EA		8" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	97.00 1.76 11.40	10.47
08 71 11 00-0779	EA		8" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	99.37 1.76 11.40	10.47
08 71 11 00-0780	EA		10" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	67.87 1.76 11.40	8.73
08 71 11 00-0781	EA		10" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	70.88 1.76 11.40	8.73
08 71 11 00-0782	EA		10" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	73.83 1.76 11.40	8.73
08 71 11 00-0783	EA		10" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	76.83 1.76 11.40	8.73
08 71 11 00-0784	EA		10" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	82.17 1.76 11.40	9.31
08 71 11 00-0785	EA		10" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	85.15 1.76 11.40	9.31
08 71 11 00-0786	EA		10" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	88.15 1.76 11.40	9.31
08 71 11 00-0787	EA		10" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	91.13 1.76 11.40	9.31
08 71 11 00-0788	EA		10" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	96.46 1.76 11.40	9.90
08 71 11 00-0789	EA		10" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	99.44 1.76 11.40	9.90
08 71 11 00-0790	EA		10" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	102.44 1.76 11.40	9.90
08 71 11 00-0791	EA		10" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	107.78 1.76 11.40	10.47
08 71 11 00-0792	EA		10" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	110.73 1.76 11.40	10.47
08 71 11 00-0793	EA		10" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	113.74 1.76 11.40	10.47
08 71 11 00-0794	EA		12" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	74.46 1.76 11.40	8.73
08 71 11 00-0795	EA		12" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	78.02 1.76 11.40	8.73
08 71 11 00-0796	EA		12" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	81.66 1.76 11.40	8.73
08 71 11 00-0797	EA		12" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	85.19 1.76 11.40	8.73
08 71 11 00-0798	EA		12" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	91.13 1.76 11.40	9.31
08 71 11 00-0799	EA		12" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	94.72 1.76 11.40	9.31
08 71 11 00-0800	EA		12" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	98.30 1.76 11.40	9.31

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0801	EA		12" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	101.92 1.76 11.40	9.31
08 71 11 00-0802	EA		12" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	107.82 1.76 11.40	9.90
08 71 11 00-0803	EA		12" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	111.41 1.76 11.40	9.90
08 71 11 00-0804	EA		12" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	115.02 1.76 11.40	9.90
08 71 11 00-0805	EA		12" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	120.94 1.76 11.40	10.47
08 71 11 00-0806	EA		12" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	124.52 1.76 11.40	10.47
08 71 11 00-0807	EA		12" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	128.14 1.76 11.40	10.47
08 71 11 00-0808	EA		14" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	83.33 1.76 11.40	9.31
08 71 11 00-0809	EA		14" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	87.52 1.76 11.40	9.31
08 71 11 00-0810	EA		14" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	91.77 1.76 11.40	9.31
08 71 11 00-0811	EA		14" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	95.96 1.76 11.40	9.31
08 71 11 00-0812	EA		14" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	102.44 1.76 11.40	9.90
08 71 11 00-0813	EA		14" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	106.64 1.76 11.40	9.90
08 71 11 00-0814	EA		14" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	110.83 1.76 11.40	9.90
08 71 11 00-0815	EA		14" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	115.02 1.76 11.40	9.90
08 71 11 00-0816	EA		14" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	121.54 1.76 11.40	10.47
08 71 11 00-0817	EA		14" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	125.71 1.76 11.40	10.47
08 71 11 00-0818	EA		14" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	129.90 1.76 11.40	10.47
08 71 11 00-0819	EA		14" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	136.42 1.76 11.40	11.05
08 71 11 00-0820	EA		14" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	140.64 1.76 11.40	11.05
08 71 11 00-0821	EA		14" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	144.84 1.76 11.40	11.05
08 71 11 00-0822	EA		16" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	89.95 1.76 11.40	9.31
08 71 11 00-0823	EA		16" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	94.72 1.76 11.40	9.31
08 71 11 00-0824	EA		16" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	99.55 1.76 11.40	9.31
08 71 11 00-0825	EA		16" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	104.32 1.76 11.40	9.31
08 71 11 00-0826	EA		16" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	106.64 1.76 11.40	9.90
08 71 11 00-0827	EA		16" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	116.24 1.76 11.40	9.90
08 71 11 00-0828	EA		16" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	121.03 1.76 11.40	9.90
08 71 11 00-0829	EA		16" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	125.81 1.76 11.40	9.90
08 71 11 00-0830	EA		16" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	132.91 1.76 11.40	10.47

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0831	EA		16" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	137.73 1.76 11.40	10.47
08 71 11 00-0832	EA		16" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	142.51 1.76 11.40	10.47
08 71 11 00-0833	EA		16" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	149.61 1.76 11.40	11.05
08 71 11 00-0834	EA		16" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	154.41 1.76 11.40	11.05
08 71 11 00-0835	EA		16" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	159.23 1.76 11.40	11.05
08 71 11 00-0836	EA		18" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	100.32 6.30 11.40	9.31
08 71 11 00-0837	EA		18" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	106.05 6.30 11.40	9.31
08 71 11 00-0838	EA		18" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	111.79 6.30 11.40	9.31
08 71 11 00-0839	EA		18" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	117.53 6.30 11.40	9.31
08 71 11 00-0840	EA		18" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	125.56 6.30 11.40	9.90
08 71 11 00-0841	EA		18" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	131.29 6.30 11.40	9.90
08 71 11 00-0842	EA		18" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	137.03 6.30 11.40	9.90
08 71 11 00-0843	EA		18" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	142.77 6.30 11.40	9.90
08 71 11 00-0844	EA		18" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	150.83 6.30 11.40	10.47
08 71 11 00-0845	EA		18" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	156.57 6.30 11.40	10.47
08 71 11 00-0846	EA		18" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	162.31 6.30 11.40	10.47
08 71 11 00-0847	EA		18" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	170.38 6.30 11.40	11.05
08 71 11 00-0848	EA		18" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	176.11 6.30 11.40	11.05
08 71 11 00-0849	EA		18" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	181.85 6.30 11.40	11.05
08 71 11 00-0850	EA		20" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	109.64 6.30 11.40	9.90
08 71 11 00-0851	EA		20" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	116.01 6.30 11.40	9.90
08 71 11 00-0852	EA		20" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	122.39 6.30 11.40	9.90
08 71 11 00-0853	EA		20" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	128.76 6.30 11.40	9.90
08 71 11 00-0854	EA		20" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	137.46 6.30 11.40	10.47
08 71 11 00-0855	EA		20" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	143.83 6.30 11.40	10.47
08 71 11 00-0856	EA		20" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	150.20 6.30 11.40	10.47
08 71 11 00-0857	EA		20" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	156.57 6.30 11.40	10.47
08 71 11 00-0858	EA		20" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	165.27 6.30 11.40	11.05
08 71 11 00-0859	EA		20" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	171.64 6.30 11.40	11.05
08 71 11 00-0860	EA		20" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	178.02 6.30 11.40	11.05

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0861	EA		20" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	186.72 6.30 11.40	11.64
08 71 11 00-0862	EA		20" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	193.09 6.30 11.40	11.64
08 71 11 00-0863	EA		20" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	199.46 6.30 11.40	11.64
08 71 11 00-0864	EA		22" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	116.65 6.30 11.40	9.90
08 71 11 00-0865	EA		22" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	123.65 6.30 11.40	9.90
08 71 11 00-0866	EA		22" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	130.66 6.30 11.40	9.90
08 71 11 00-0867	EA		22" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	137.67 6.30 11.40	9.90
08 71 11 00-0868	EA		22" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	147.03 6.30 11.40	10.47
08 71 11 00-0869	EA		22" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	154.03 6.30 11.40	10.47
08 71 11 00-0870	EA		22" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	161.04 6.30 11.40	10.47
08 71 11 00-0871	EA		22" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	168.05 6.30 11.40	10.47
08 71 11 00-0872	EA		22" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	177.38 6.30 11.40	11.05
08 71 11 00-0873	EA		22" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	184.39 6.30 11.40	11.05
08 71 11 00-0874	EA		22" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	191.39 6.30 11.40	11.05
08 71 11 00-0875	EA		22" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	200.73 6.30 11.40	11.64
08 71 11 00-0876	EA		22" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	207.73 6.30 11.40	11.64
08 71 11 00-0877	EA		22" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	214.74 6.30 11.40	11.64
08 71 11 00-0878	EA		24" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	123.65 6.30 11.40	9.90
08 71 11 00-0879	EA		24" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	131.29 6.30 11.40	9.90
08 71 11 00-0880	EA		24" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	138.96 6.30 11.40	9.90
08 71 11 00-0881	EA		24" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	146.60 6.30 11.40	9.90
08 71 11 00-0882	EA		24" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	156.57 6.30 11.40	10.47
08 71 11 00-0883	EA		24" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	164.21 6.30 11.40	10.47
08 71 11 00-0884	EA		24" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	171.85 6.30 11.40	10.47
08 71 11 00-0885	EA		24" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	179.52 6.30 11.40	10.47
08 71 11 00-0886	EA		24" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	189.49 6.30 11.40	11.05
08 71 11 00-0887	EA		24" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	197.13 6.30 11.40	11.05
08 71 11 00-0888	EA		24" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	204.77 6.30 11.40	11.05
08 71 11 00-0889	EA		24" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	214.74 6.30 11.40	11.64
08 71 11 00-0890	EA		24" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	222.41 6.30 11.40	11.64

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0891	EA		24" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate For Four Beveled Edges, Add For UL Label (Fire Rated), Add	230.05 6.30 11.40	11.64
08 71 11 00-0892			Brass Base Material Kick Plate (08 71 11 00-0763)		
08 71 11 00-0893			Bright/Satin Brass Finish, Brass Kick Plate (08 71 11 00-0892)		
08 71 11 00-0894	EA		8" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... For Four Beveled Edges, Add For UL Label (Fire Rated), Add	114.65 1.76 11.40	8.73
08 71 11 00-0895	EA		8" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... For Four Beveled Edges, Add For UL Label (Fire Rated), Add	121.89 1.76 11.40	8.73
08 71 11 00-0896	EA		8" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... For Four Beveled Edges, Add For UL Label (Fire Rated), Add	129.16 1.76 11.40	8.73
08 71 11 00-0897	EA		8" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... For Four Beveled Edges, Add For UL Label (Fire Rated), Add	136.40 1.76 11.40	8.73
08 71 11 00-0898	EA		8" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... For Four Beveled Edges, Add For UL Label (Fire Rated), Add	145.97 1.76 11.40	9.31
08 71 11 00-0899	EA		8" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... For Four Beveled Edges, Add For UL Label (Fire Rated), Add	153.26 1.76 11.40	9.31
08 71 11 00-0900	EA		8" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... For Four Beveled Edges, Add For UL Label (Fire Rated), Add	160.50 1.76 11.40	9.31
08 71 11 00-0901	EA		8" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... For Four Beveled Edges, Add For UL Label (Fire Rated), Add	167.74 1.76 11.40	9.31
08 71 11 00-0902	EA		8" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... For Four Beveled Edges, Add For UL Label (Fire Rated), Add	177.30 1.76 11.40	9.90
08 71 11 00-0903	EA		8" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... For Four Beveled Edges, Add For UL Label (Fire Rated), Add	184.54 1.76 11.40	9.90
08 71 11 00-0904	EA		8" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... For Four Beveled Edges, Add For UL Label (Fire Rated), Add	191.78 1.76 11.40	9.90
08 71 11 00-0905	EA		8" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... For Four Beveled Edges, Add For UL Label (Fire Rated), Add	201.35 1.76 11.40	10.47
08 71 11 00-0906	EA		8" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... For Four Beveled Edges, Add For UL Label (Fire Rated), Add	208.64 1.76 11.40	10.47
08 71 11 00-0907	EA		8" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... For Four Beveled Edges, Add For UL Label (Fire Rated), Add	215.88 1.76 11.40	10.47
08 71 11 00-0908	EA		10" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... For Four Beveled Edges, Add For UL Label (Fire Rated), Add	134.61 1.76 11.40	8.73
08 71 11 00-0909	EA		10" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... For Four Beveled Edges, Add For UL Label (Fire Rated), Add	143.64 1.76 11.40	8.73
08 71 11 00-0910	EA		10" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... For Four Beveled Edges, Add For UL Label (Fire Rated), Add	152.72 1.76 11.40	8.73
08 71 11 00-0911	EA		10" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... For Four Beveled Edges, Add For UL Label (Fire Rated), Add	161.78 1.76 11.40	8.73
08 71 11 00-0912	EA		10" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... For Four Beveled Edges, Add For UL Label (Fire Rated), Add	173.14 1.76 11.40	9.31
08 71 11 00-0913	EA		10" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... For Four Beveled Edges, Add For UL Label (Fire Rated), Add	182.22 1.76 11.40	9.31
08 71 11 00-0914	EA		10" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... For Four Beveled Edges, Add For UL Label (Fire Rated), Add	191.30 1.76 11.40	9.31
08 71 11 00-0915	EA		10" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... For Four Beveled Edges, Add For UL Label (Fire Rated), Add	200.36 1.76 11.40	9.31
08 71 11 00-0916	EA		10" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... For Four Beveled Edges, Add For UL Label (Fire Rated), Add	211.71 1.76 11.40	9.90
08 71 11 00-0917	EA		10" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... For Four Beveled Edges, Add For UL Label (Fire Rated), Add	220.79 1.76 11.40	9.90
08 71 11 00-0918	EA		10" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... For Four Beveled Edges, Add For UL Label (Fire Rated), Add	229.87 1.76 11.40	9.90
08 71 11 00-0919	EA		10" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... For Four Beveled Edges, Add For UL Label (Fire Rated), Add	241.23 1.76 11.40	10.47
08 71 11 00-0920	EA		10" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... For Four Beveled Edges, Add For UL Label (Fire Rated), Add	250.32 1.76 11.40	10.47

08 Openings

08 70 Hardware

08 71 Door Hardware

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 11 00-0921	EA	10" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	259.37	10.47
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0922	EA	12" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	154.49	8.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0923	EA	12" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	165.41	8.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0924	EA	12" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	176.26	8.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0925	EA	12" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	187.13	8.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0926	EA	12" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	200.36	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0927	EA	12" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	211.23	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0928	EA	12" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	222.10	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0929	EA	12" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	232.95	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0930	EA	12" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	246.19	9.90
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0931	EA	12" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	257.04	9.90
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0932	EA	12" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	267.91	9.90
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0933	EA	12" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	281.12	10.47
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0934	EA	12" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	291.97	10.47
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0935	EA	12" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	302.89	10.47
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0936	EA	14" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	176.80	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0937	EA	14" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	189.46	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0938	EA	14" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	202.15	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0939	EA	14" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	214.86	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0940	EA	14" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	229.87	9.90
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0941	EA	14" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	242.56	9.90
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0942	EA	14" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	255.23	9.90
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0943	EA	14" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	267.91	9.90
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0944	EA	14" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	282.93	10.47
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0945	EA	14" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	295.62	10.47
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0946	EA	14" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	308.29	10.47
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0947	EA	14" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	323.31	11.05
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0948	EA	14" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	336.02	11.05
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0949	EA	14" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	348.71	11.05
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0950	EA	16" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	247.36	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0951	EA		16" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	266.50 1.76 11.40	9.31
08 71 11 00-0952	EA		16" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	285.60 1.76 11.40	9.31
08 71 11 00-0953	EA		16" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	304.67 1.76 11.40	9.31
08 71 11 00-0954	EA		16" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	326.09 1.76 11.40	9.90
08 71 11 00-0955	EA		16" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	345.21 1.76 11.40	9.90
08 71 11 00-0956	EA		16" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	364.33 1.76 11.40	9.90
08 71 11 00-0957	EA		16" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	383.38 1.76 11.40	9.90
08 71 11 00-0958	EA		16" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	404.86 1.76 11.40	10.47
08 71 11 00-0959	EA		16" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	423.98 1.76 11.40	10.47
08 71 11 00-0960	EA		16" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	443.07 1.76 11.40	10.47
08 71 11 00-0961	EA		16" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	464.48 1.76 11.40	11.05
08 71 11 00-0962	EA		16" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	483.57 1.76 11.40	11.05
08 71 11 00-0963	EA		16" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	502.70 1.76 11.40	11.05
08 71 11 00-0964	EA		18" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	273.21 6.30 11.40	9.31
08 71 11 00-0965	EA		18" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	294.66 6.30 11.40	9.31
08 71 11 00-0966	EA		18" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	316.07 6.30 11.40	9.31
08 71 11 00-0967	EA		18" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	337.57 6.30 11.40	9.31
08 71 11 00-0968	EA		18" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	361.33 6.30 11.40	9.90
08 71 11 00-0969	EA		18" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	382.75 6.30 11.40	9.90
08 71 11 00-0970	EA		18" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	404.24 6.30 11.40	9.90
08 71 11 00-0971	EA		18" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	425.66 6.30 11.40	9.90
08 71 11 00-0972	EA		18" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	449.48 6.30 11.40	10.47
08 71 11 00-0973	EA		18" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	470.93 6.30 11.40	10.47
08 71 11 00-0974	EA		18" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	492.34 6.30 11.40	10.47
08 71 11 00-0975	EA		18" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	516.17 6.30 11.40	11.05
08 71 11 00-0976	EA		18" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	537.58 6.30 11.40	11.05
08 71 11 00-0977	EA		18" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	559.03 6.30 11.40	11.05
08 71 11 00-0978	EA		20" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	301.74 6.30 11.40	9.90
08 71 11 00-0979	EA		20" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	325.56 6.30 11.40	9.90
08 71 11 00-0980	EA		20" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	349.42 6.30 11.40	9.90

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0981	EA		20" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	373.21	9.90
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0982	EA		20" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	399.41	10.47
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0983	EA		20" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	423.25	10.47
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0984	EA		20" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	447.06	10.47
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0985	EA		20" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	470.93	10.47
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0986	EA		20" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	497.04	11.05
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0987	EA		20" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	520.91	11.05
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0988	EA		20" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	544.75	11.05
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0989	EA		20" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	570.89	11.64
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0990	EA		20" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	594.76	11.64
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0991	EA		20" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	618.55	11.64
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0992	EA		22" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	327.98	9.90
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0993	EA		22" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	354.17	9.90
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0994	EA		22" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	380.38	9.90
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0995	EA		22" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	406.61	9.90
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0996	EA		22" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	435.15	10.47
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0997	EA		22" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	461.39	10.47
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0998	EA		22" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	487.60	10.47
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0999	EA		22" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	513.84	10.47
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1000	EA		22" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	542.35	11.05
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1001	EA		22" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	568.56	11.05
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1002	EA		22" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	594.80	11.05
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1003	EA		22" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	623.34	11.64
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1004	EA		22" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	649.58	11.64
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1005	EA		22" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	675.74	11.64
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1006	EA		24" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	354.17	9.90
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1007	EA		24" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	382.75	9.90
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1008	EA		24" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	411.38	9.90
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1009	EA		24" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	439.99	9.90
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1010	EA		24" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	470.93	10.47
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1011	EA		24" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	499.51 6.30 11.40	10.47
08 71 11 00-1012	EA		24" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	528.12 6.30 11.40	10.47
08 71 11 00-1013	EA		24" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	558.29 6.30 11.40	10.47
08 71 11 00-1014	EA		24" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	587.63 6.30 11.40	11.05
08 71 11 00-1015	EA		24" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	616.22 6.30 11.40	11.05
08 71 11 00-1016	EA		24" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	644.82 6.30 11.40	11.05
08 71 11 00-1017	EA		24" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	675.74 6.30 11.40	11.64
08 71 11 00-1018	EA		24" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	704.39 6.30 11.40	11.64
08 71 11 00-1019	EA		24" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	732.98 6.30 11.40	11.64
08 71 11 00-1020			Bright/Satin Chrome Finish, Stainless Kick Plate (08 71 11 00-0892)		
08 71 11 00-1021	EA		8" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	123.10 1.76 11.40	8.73
08 71 11 00-1022	EA		8" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	131.12 1.76 11.40	8.73
08 71 11 00-1023	EA		8" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	139.14 1.76 11.40	8.73
08 71 11 00-1024	EA		8" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	147.16 1.76 11.40	8.73
08 71 11 00-1025	EA		8" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	157.51 1.76 11.40	9.31
08 71 11 00-1026	EA		8" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	165.51 1.76 11.40	9.31
08 71 11 00-1027	EA		8" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	173.53 1.76 11.40	9.31
08 71 11 00-1028	EA		8" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	181.55 1.76 11.40	9.31
08 71 11 00-1029	EA		8" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	191.89 1.76 11.40	9.90
08 71 11 00-1030	EA		8" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	199.93 1.76 11.40	9.90
08 71 11 00-1031	EA		8" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	207.95 1.76 11.40	9.90
08 71 11 00-1032	EA		8" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	218.30 1.76 11.40	10.47
08 71 11 00-1033	EA		8" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	226.32 1.76 11.40	10.47
08 71 11 00-1034	EA		8" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	234.34 1.76 11.40	10.47
08 71 11 00-1035	EA		10" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	145.16 1.76 11.40	8.73
08 71 11 00-1036	EA		10" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	155.18 1.76 11.40	8.73
08 71 11 00-1037	EA		10" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	165.20 1.76 11.40	8.73
08 71 11 00-1038	EA		10" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	175.22 1.76 11.40	8.73
08 71 11 00-1039	EA		10" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	187.59 1.76 11.40	9.31
08 71 11 00-1040	EA		10" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	197.61 1.76 11.40	9.31

08 Openings

08 70 Hardware

08 71 Door Hardware

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 11 00-1041	EA	10" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	207.63	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1042	EA	10" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	217.65	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1043	EA	10" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	229.99	9.90
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1044	EA	10" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	240.00	9.90
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1045	EA	10" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	250.02	9.90
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1046	EA	10" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	262.37	10.47
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1047	EA	10" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	272.39	10.47
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1048	EA	10" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	282.41	10.47
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1049	EA	12" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	167.20	8.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1050	EA	12" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	179.22	8.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1051	EA	12" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	191.28	8.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1052	EA	12" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	203.30	8.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1053	EA	12" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	217.65	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1054	EA	12" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	229.69	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1055	EA	12" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	241.71	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1056	EA	12" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	253.72	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1057	EA	12" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	268.06	9.90
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1058	EA	12" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	280.08	9.90
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1059	EA	12" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	292.12	9.90
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1060	EA	12" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	306.47	10.47
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1061	EA	12" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	318.53	10.47
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1062	EA	12" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	330.55	10.47
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1063	EA	14" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	191.56	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1064	EA	14" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	205.63	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1065	EA	14" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	219.67	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1066	EA	14" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	233.69	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1067	EA	14" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	250.02	9.90
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1068	EA	14" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	264.06	9.90
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1069	EA	14" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	278.08	9.90
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1070	EA	14" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	292.12	9.90
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1071	EA	14" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	308.52	10.47	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1072	EA	14" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	322.53	10.47	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1073	EA	14" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	336.55	10.47	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1074	EA	14" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	327.62	11.05	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1075	EA	14" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	366.93	11.05	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1076	EA	14" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	380.98	11.05	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1077	EA	16" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	272.42	9.31	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1078	EA	16" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	293.82	9.31	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1079	EA	16" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	315.20	9.31	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1080	EA	16" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	336.58	9.31	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1081	EA	16" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	360.28	9.90	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1082	EA	16" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	381.65	9.90	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1083	EA	16" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	403.06	9.90	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1084	EA	16" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	424.43	9.90	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1085	EA	16" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	448.14	10.47	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1086	EA	16" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	469.52	10.47	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1087	EA	16" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	490.90	10.47	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1088	EA	16" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	514.60	11.05	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1089	EA	16" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	535.98	11.05	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1090	EA	16" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	557.36	11.05	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1091	EA	18" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	301.06	9.31	
		<i>For Four Beveled Edges, Add</i>	6.30		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1092	EA	18" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	325.07	9.31	
		<i>For Four Beveled Edges, Add</i>	6.30		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1093	EA	18" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	349.02	9.31	
		<i>For Four Beveled Edges, Add</i>	6.30		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1094	EA	18" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	373.03	9.31	
		<i>For Four Beveled Edges, Add</i>	6.30		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1095	EA	18" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	399.31	9.90	
		<i>For Four Beveled Edges, Add</i>	6.30		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1096	EA	18" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	423.30	9.90	
		<i>For Four Beveled Edges, Add</i>	6.30		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1097	EA	18" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	447.28	9.90	
		<i>For Four Beveled Edges, Add</i>	6.30		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1098	EA	18" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	471.26	9.90	
		<i>For Four Beveled Edges, Add</i>	6.30		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1099	EA	18" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	497.55	10.47	
		<i>For Four Beveled Edges, Add</i>	6.30		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1100	EA	18" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	521.56	10.47	
		<i>For Four Beveled Edges, Add</i>	6.30		
		<i>For UL Label (Fire Rated), Add</i>	11.40		

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1101	EA		18" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	545.57	10.47
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1102	EA		18" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	571.86	11.05
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1103	EA		18" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	595.86	11.05
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1104	EA		18" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	619.82	11.05
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1105	EA		20" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	332.67	9.90
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1106	EA		20" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	359.36	9.90
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1107	EA		20" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	385.98	9.90
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1108	EA		20" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	412.67	9.90
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1109	EA		20" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	441.61	10.47
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1110	EA		20" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	468.25	10.47
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1111	EA		20" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	494.92	10.47
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1112	EA		20" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	521.56	10.47
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1113	EA		20" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	550.58	11.05
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1114	EA		20" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	577.19	11.05
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1115	EA		20" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	603.83	11.05
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1116	EA		20" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	632.83	11.64
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1117	EA		20" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate.....	659.47	11.64
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1118	EA		20" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	686.13	11.64
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1119	EA		22" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	362.00	9.90
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1120	EA		22" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	391.34	9.90
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1121	EA		22" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	420.64	9.90
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1122	EA		22" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	449.94	9.90
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1123	EA		22" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	481.61	10.47
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1124	EA		22" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	510.91	10.47
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1125	EA		22" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	540.23	10.47
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1126	EA		22" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	569.53	10.47
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1127	EA		22" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	601.20	11.05
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1128	EA		22" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	630.50	11.05
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1129	EA		22" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	659.82	11.05
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1130	EA		22" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	691.45	11.64
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1131	EA	22" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	720.74	11.64	
		<i>For Four Beveled Edges, Add</i>	6.30		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1132	EA	22" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	750.09	11.64	
		<i>For Four Beveled Edges, Add</i>	6.30		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1133	EA	24" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	391.34	9.90	
		<i>For Four Beveled Edges, Add</i>	6.30		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1134	EA	24" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	423.30	9.90	
		<i>For Four Beveled Edges, Add</i>	6.30		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1135	EA	24" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	455.27	9.90	
		<i>For Four Beveled Edges, Add</i>	6.30		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1136	EA	24" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	487.25	9.90	
		<i>For Four Beveled Edges, Add</i>	6.30		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1137	EA	24" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	521.56	10.47	
		<i>For Four Beveled Edges, Add</i>	6.30		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1138	EA	24" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	553.54	10.47	
		<i>For Four Beveled Edges, Add</i>	6.30		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1139	EA	24" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	585.57	10.47	
		<i>For Four Beveled Edges, Add</i>	6.30		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1140	EA	24" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	617.49	10.47	
		<i>For Four Beveled Edges, Add</i>	6.30		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1141	EA	24" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	651.80	11.05	
		<i>For Four Beveled Edges, Add</i>	6.30		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1142	EA	24" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	683.80	11.05	
		<i>For Four Beveled Edges, Add</i>	6.30		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1143	EA	24" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	715.78	11.05	
		<i>For Four Beveled Edges, Add</i>	6.30		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1144	EA	24" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	750.09	11.64	
		<i>For Four Beveled Edges, Add</i>	6.30		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1145	EA	24" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	782.07	11.64	
		<i>For Four Beveled Edges, Add</i>	6.30		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1146	EA	24" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	814.05	11.64	
		<i>For Four Beveled Edges, Add</i>	6.30		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1147		Satin/Dark Bronze Finish, Brass Kick Plate <small>(08 71 11 00-0892)</small>			
08 71 11 00-1148	EA	8" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	124.46	8.73	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1149	EA	8" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	132.56	8.73	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1150	EA	8" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	140.74	8.73	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1151	EA	8" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	148.84	8.73	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1152	EA	8" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	159.35	9.31	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1153	EA	8" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	167.47	9.31	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1154	EA	8" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	175.63	9.31	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1155	EA	8" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	183.75	9.31	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1156	EA	8" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	194.17	9.90	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1157	EA	8" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	202.35	9.90	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1158	EA	8" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	210.48	9.90	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1159	EA	8" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	220.96	10.47	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1160	EA	8" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	229.09	10.47	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1161	EA		8" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	237.24 1.76 11.40	10.47
08 71 11 00-1162	EA		10" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	146.82 1.76 11.40	8.73
08 71 11 00-1163	EA		10" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	157.02 1.76 11.40	8.73
08 71 11 00-1164	EA		10" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	167.16 1.76 11.40	8.73
08 71 11 00-1165	EA		10" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	177.33 1.76 11.40	8.73
08 71 11 00-1166	EA		10" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	189.84 1.76 11.40	9.31
08 71 11 00-1167	EA		10" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	200.03 1.76 11.40	9.31
08 71 11 00-1168	EA		10" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	210.18 1.76 11.40	9.31
08 71 11 00-1169	EA		10" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	220.35 1.76 11.40	9.31
08 71 11 00-1170	EA		10" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	232.87 1.76 11.40	9.90
08 71 11 00-1171	EA		10" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	243.04 1.76 11.40	9.90
08 71 11 00-1172	EA		10" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	253.18 1.76 11.40	9.90
08 71 11 00-1173	EA		10" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	265.73 1.76 11.40	10.47
08 71 11 00-1174	EA		10" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	275.88 1.76 11.40	10.47
08 71 11 00-1175	EA		10" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	286.05 1.76 11.40	10.47
08 71 11 00-1176	EA		12" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	169.21 1.76 11.40	8.73
08 71 11 00-1177	EA		12" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	181.42 1.76 11.40	8.73
08 71 11 00-1178	EA		12" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	193.61 1.76 11.40	8.73
08 71 11 00-1179	EA		12" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	205.83 1.76 11.40	8.73
08 71 11 00-1180	EA		12" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	220.35 1.76 11.40	9.31
08 71 11 00-1181	EA		12" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	232.59 1.76 11.40	9.31
08 71 11 00-1182	EA		12" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	244.81 1.76 11.40	9.31
08 71 11 00-1183	EA		12" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	257.00 1.76 11.40	9.31
08 71 11 00-1184	EA		12" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	271.53 1.76 11.40	9.90
08 71 11 00-1185	EA		12" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	283.72 1.76 11.40	9.90
08 71 11 00-1186	EA		12" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	295.91 1.76 11.40	9.90
08 71 11 00-1187	EA		12" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	310.46 1.76 11.40	10.47
08 71 11 00-1188	EA		12" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	322.70 1.76 11.40	10.47
08 71 11 00-1189	EA		12" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	334.89 1.76 11.40	10.47
08 71 11 00-1190	EA		14" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	193.90 1.76 11.40	9.31

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1191	EA	14" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	208.16	9.31
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1192	EA	14" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	222.39	9.31
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1193	EA	14" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	236.63	9.31
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1194	EA	14" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	253.18	9.90
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1195	EA	14" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	267.44	9.90
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1196	EA	14" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	281.68	9.90
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1197	EA	14" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	295.91	9.90
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1198	EA	14" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	312.50	10.47
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1199	EA	14" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	326.74	10.47
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1200	EA	14" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	340.97	10.47
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1201	EA	14" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	357.56	11.05
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1202	EA	14" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	371.85	11.05
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1203	EA	14" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	386.08	11.05
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1204	EA	16" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	271.86	9.31
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1205	EA	16" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	293.21	9.31
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1206	EA	16" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	314.54	9.31
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1207	EA	16" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	335.87	9.31
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1208	EA	16" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	359.51	9.90
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1209	EA	16" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	380.84	9.90
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1210	EA	16" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	402.19	9.90
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1211	EA	16" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	423.52	9.90
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1212	EA	16" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	447.18	10.47
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1213	EA	16" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	468.50	10.47
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1214	EA	16" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	489.83	10.47
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1215	EA	16" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	513.49	11.05
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1216	EA	16" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	534.82	11.05
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1217	EA	16" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	556.14	11.05
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1218	EA	18" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	300.43	9.31
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1219	EA	18" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	324.38	9.31
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1220	EA	18" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	348.29	9.31
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1221	EA		18" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	372.24 6.30 11.40	9.31
08 71 11 00-1222	EA		18" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	398.46 6.30 11.40	9.90
08 71 11 00-1223	EA		18" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	422.39 6.30 11.40	9.90
08 71 11 00-1224	EA		18" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	446.31 6.30 11.40	9.90
08 71 11 00-1225	EA		18" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	470.24 6.30 11.40	9.90
08 71 11 00-1226	EA		18" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	496.47 6.30 11.40	10.47
08 71 11 00-1227	EA		18" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	520.42 6.30 11.40	10.47
08 71 11 00-1228	EA		18" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	544.37 6.30 11.40	10.47
08 71 11 00-1229	EA		18" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	570.60 6.30 11.40	11.05
08 71 11 00-1230	EA		18" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	594.56 6.30 11.40	11.05
08 71 11 00-1231	EA		18" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	618.46 6.30 11.40	11.05
08 71 11 00-1232	EA		20" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	331.98 6.30 11.40	9.90
08 71 11 00-1233	EA		20" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	358.61 6.30 11.40	9.90
08 71 11 00-1234	EA		20" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	385.16 6.30 11.40	9.90
08 71 11 00-1235	EA		20" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	411.78 6.30 11.40	9.90
08 71 11 00-1236	EA		20" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	440.67 6.30 11.40	10.47
08 71 11 00-1237	EA		20" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	467.24 6.30 11.40	10.47
08 71 11 00-1238	EA		20" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	493.84 6.30 11.40	10.47
08 71 11 00-1239	EA		20" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	520.42 6.30 11.40	10.47
08 71 11 00-1240	EA		20" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	549.38 6.30 11.40	11.05
08 71 11 00-1241	EA		20" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	575.93 6.30 11.40	11.05
08 71 11 00-1242	EA		20" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	602.51 6.30 11.40	11.05
08 71 11 00-1243	EA		20" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	631.44 6.30 11.40	11.64
08 71 11 00-1244	EA		20" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	658.02 6.30 11.40	11.64
08 71 11 00-1245	EA		20" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	684.62 6.30 11.40	11.64
08 71 11 00-1246	EA		22" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	361.23 6.30 11.40	9.90
08 71 11 00-1247	EA		22" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	390.51 6.30 11.40	9.90
08 71 11 00-1248	EA		22" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	419.74 6.30 11.40	9.90
08 71 11 00-1249	EA		22" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	448.96 6.30 11.40	9.90
08 71 11 00-1250	EA		22" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	480.57 6.30 11.40	10.47

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1251	EA	22" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	509.80	10.47
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1252	EA	22" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	539.05	10.47
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1253	EA	22" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	568.27	10.47
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1254	EA	22" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	599.88	11.05
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1255	EA	22" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	629.11	11.05
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1256	EA	22" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	658.36	11.05
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1257	EA	22" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	689.92	11.64
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1258	EA	22" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	719.14	11.64
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1259	EA	22" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	748.42	11.64
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1260	EA	24" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	390.51	9.90
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1261	EA	24" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	422.39	9.90
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1262	EA	24" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	454.29	9.90
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1263	EA	24" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	486.19	9.90
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1264	EA	24" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	520.42	10.47
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1265	EA	24" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	552.32	10.47
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1266	EA	24" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	584.28	10.47
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1267	EA	24" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	616.13	10.47
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1268	EA	24" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	650.36	11.05
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1269	EA	24" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	682.29	11.05
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1270	EA	24" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	714.19	11.05
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1271	EA	24" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	748.42	11.64
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1272	EA	24" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	780.32	11.64
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1273	EA	24" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	812.23	11.64
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1274		Satin Nickel Finish, Stainless Kick Plate <small>(08 71 11 00-0892)</small>			
08 71 11 00-1275	EA	8" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	126.33	8.73
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1276	EA	8" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	134.61	8.73
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1277	EA	8" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	142.96	8.73
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1278	EA	8" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	151.23	8.73
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1279	EA	8" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	161.91	9.31
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1280	EA	8" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	170.20	9.31
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1281	EA		8" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	178.53	9.31
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1282	EA		8" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	186.82	9.31
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1283	EA		8" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	197.41	9.90
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1284	EA		8" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	205.76	9.90
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1285	EA		8" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	214.06	9.90
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1286	EA		8" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	224.71	10.47
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1287	EA		8" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	233.01	10.47
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1288	EA		8" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	241.33	10.47
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1289	EA		10" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	149.17	8.73
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1290	EA		10" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	159.58	8.73
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1291	EA		10" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	169.93	8.73
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1292	EA		10" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	180.32	8.73
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1293	EA		10" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	193.03	9.31
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1294	EA		10" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	203.44	9.31
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1295	EA		10" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	213.80	9.31
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1296	EA		10" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	224.19	9.31
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1297	EA		10" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	236.92	9.90
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1298	EA		10" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	247.30	9.90
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1299	EA		10" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	257.66	9.90
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1300	EA		10" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	270.43	10.47
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1301	EA		10" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	280.79	10.47
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1302	EA		10" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	291.17	10.47
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1303	EA		12" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	172.02	8.73
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1304	EA		12" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	184.49	8.73
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1305	EA		12" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	196.94	8.73
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1306	EA		12" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	209.41	8.73
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1307	EA		12" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	224.19	9.31
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1308	EA		12" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	236.68	9.31
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1309	EA		12" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	249.16	9.31
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1310	EA		12" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	261.60	9.31
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1311	EA	12" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	276.39	9.90
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1312	EA	12" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	288.84	9.90
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1313	EA	12" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	301.29	9.90
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1314	EA	12" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	316.09	10.47
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1315	EA	12" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	328.58	10.47
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1316	EA	12" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	341.03	10.47
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1317	EA	14" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	197.18	9.31
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1318	EA	14" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	211.74	9.31
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1319	EA	14" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	.....	226.27	9.31
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1320	EA	14" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	240.81	9.31
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1321	EA	14" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	257.66	9.90
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1322	EA	14" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	272.22	9.90
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1323	EA	14" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	286.75	9.90
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1324	EA	14" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	301.29	9.90
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1325	EA	14" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	318.17	10.47
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1326	EA	14" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	332.71	10.47
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1327	EA	14" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	347.24	10.47
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1328	EA	14" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	364.13	11.05
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1329	EA	14" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	378.71	11.05
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1330	EA	14" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	393.25	11.05
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1331	EA	16" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	276.78	9.31
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1332	EA	16" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	298.58	9.31
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1333	EA	16" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	320.35	9.31
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1334	EA	16" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	342.13	9.31
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1335	EA	16" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	366.22	9.90
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1336	EA	16" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	387.99	9.90
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1337	EA	16" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	409.79	9.90
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1338	EA	16" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	431.57	9.90
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1339	EA	16" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	455.67	10.47
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1340	EA	16" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	477.45	10.47
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1341	EA		16" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	499.22 1.76 11.40	10.47
08 71 11 00-1342	EA		16" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	523.32 1.76 11.40	11.05
08 71 11 00-1343	EA		16" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	545.10 1.76 11.40	11.05
08 71 11 00-1344	EA		16" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	566.87 1.76 11.40	11.05
08 71 11 00-1345	EA		18" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	305.95 6.30 11.40	9.31
08 71 11 00-1346	EA		18" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	330.40 6.30 11.40	9.31
08 71 11 00-1347	EA		18" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	354.80 6.30 11.40	9.31
08 71 11 00-1348	EA		18" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	379.26 6.30 11.40	9.31
08 71 11 00-1349	EA		18" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	405.98 6.30 11.40	9.90
08 71 11 00-1350	EA		18" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	430.41 6.30 11.40	9.90
08 71 11 00-1351	EA		18" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	454.84 6.30 11.40	9.90
08 71 11 00-1352	EA		18" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	479.27 6.30 11.40	9.90
08 71 11 00-1353	EA		18" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	506.00 6.30 11.40	10.47
08 71 11 00-1354	EA		18" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	530.45 6.30 11.40	10.47
08 71 11 00-1355	EA		18" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	554.91 6.30 11.40	10.47
08 71 11 00-1356	EA		18" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	581.64 6.30 11.40	11.05
08 71 11 00-1357	EA		18" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	606.09 6.30 11.40	11.05
08 71 11 00-1358	EA		18" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	630.49 6.30 11.40	11.05
08 71 11 00-1359	EA		20" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	338.11 6.30 11.40	9.90
08 71 11 00-1360	EA		20" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	365.29 6.30 11.40	9.90
08 71 11 00-1361	EA		20" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	392.40 6.30 11.40	9.90
08 71 11 00-1362	EA		20" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	419.59 6.30 11.40	9.90
08 71 11 00-1363	EA		20" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	449.02 6.30 11.40	10.47
08 71 11 00-1364	EA		20" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	476.16 6.30 11.40	10.47
08 71 11 00-1365	EA		20" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	503.32 6.30 11.40	10.47
08 71 11 00-1366	EA		20" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	530.45 6.30 11.40	10.47
08 71 11 00-1367	EA		20" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	559.97 6.30 11.40	11.05
08 71 11 00-1368	EA		20" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	587.07 6.30 11.40	11.05
08 71 11 00-1369	EA		20" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	614.21 6.30 11.40	11.05
08 71 11 00-1370	EA		20" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	643.70 6.30 11.40	11.64

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1371	EA	20" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	670.83	11.64
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1372	EA	20" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	697.99	11.64
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1373	EA	22" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	367.97	9.90
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1374	EA	22" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	397.86	9.90
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1375	EA	22" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	427.70	9.90
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1376	EA	22" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	457.54	9.90
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1377	EA	22" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	489.76	10.47
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1378	EA	22" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	519.60	10.47
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1379	EA	22" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	549.47	10.47
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1380	EA	22" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	579.31	10.47
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1381	EA	22" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	611.53	11.05
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1382	EA	22" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	641.37	11.05
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1383	EA	22" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	671.23	11.05
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1384	EA	22" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	703.40	11.64
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1385	EA	22" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	733.24	11.64
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1386	EA	22" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	763.13	11.64
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1387	EA	24" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	397.86	9.90
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1388	EA	24" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	430.41	9.90
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1389	EA	24" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	462.98	9.90
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1390	EA	24" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	495.55	9.90
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1391	EA	24" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	530.45	10.47
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1392	EA	24" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	563.02	10.47
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1393	EA	24" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	595.64	10.47
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1394	EA	24" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	628.16	10.47
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1395	EA	24" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	663.06	11.05
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1396	EA	24" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	695.66	11.05
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1397	EA	24" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	728.23	11.05
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1398	EA	24" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	763.13	11.64
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1399	EA	24" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	795.70	11.64
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1400	EA	24" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....	828.27	11.64
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1401			Stainless Base Material Kick Plate (08 71 11 00-0763)		
08 71 11 00-1402			Satin Stainless Finish, Stainless Kick Plate (08 71 11 00-1401)		
08 71 11 00-1403	EA		8" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 62.35	62.35	8.73
			For Four Beveled Edges, Add 1.76	1.76	
			For UL Label (Fire Rated), Add 11.40	11.40	
08 71 11 00-1404	EA		8" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 64.88	64.88	8.73
			For Four Beveled Edges, Add 1.76	1.76	
			For UL Label (Fire Rated), Add 11.40	11.40	
08 71 11 00-1405	EA		8" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 67.34	67.34	8.73
			For Four Beveled Edges, Add 1.76	1.76	
			For UL Label (Fire Rated), Add 11.40	11.40	
08 71 11 00-1406	EA		8" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 69.89	69.89	8.73
			For Four Beveled Edges, Add 1.76	1.76	
			For UL Label (Fire Rated), Add 11.40	11.40	
08 71 11 00-1407	EA		8" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 74.70	74.70	9.31
			For Four Beveled Edges, Add 1.76	1.76	
			For UL Label (Fire Rated), Add 11.40	11.40	
08 71 11 00-1408	EA		8" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 77.16	77.16	9.31
			For Four Beveled Edges, Add 1.76	1.76	
			For UL Label (Fire Rated), Add 11.40	11.40	
08 71 11 00-1409	EA		8" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 79.71	79.71	9.31
			For Four Beveled Edges, Add 1.76	1.76	
			For UL Label (Fire Rated), Add 11.40	11.40	
08 71 11 00-1410	EA		8" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 82.19	82.19	9.31
			For Four Beveled Edges, Add 1.76	1.76	
			For UL Label (Fire Rated), Add 11.40	11.40	
08 71 11 00-1411	EA		8" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 87.01	87.01	9.90
			For Four Beveled Edges, Add 1.76	1.76	
			For UL Label (Fire Rated), Add 11.40	11.40	
08 71 11 00-1412	EA		8" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 89.52	89.52	9.90
			For Four Beveled Edges, Add 1.76	1.76	
			For UL Label (Fire Rated), Add 11.40	11.40	
08 71 11 00-1413	EA		8" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 92.00	92.00	9.90
			For Four Beveled Edges, Add 1.76	1.76	
			For UL Label (Fire Rated), Add 11.40	11.40	
08 71 11 00-1414	EA		8" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 96.83	96.83	10.47
			For Four Beveled Edges, Add 1.76	1.76	
			For UL Label (Fire Rated), Add 11.40	11.40	
08 71 11 00-1415	EA		8" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 99.33	99.33	10.47
			For Four Beveled Edges, Add 1.76	1.76	
			For UL Label (Fire Rated), Add 11.40	11.40	
08 71 11 00-1416	EA		8" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 101.81	101.81	10.47
			For Four Beveled Edges, Add 1.76	1.76	
			For UL Label (Fire Rated), Add 11.40	11.40	
08 71 11 00-1417	EA		10" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 69.22	69.22	8.73
			For Four Beveled Edges, Add 1.76	1.76	
			For UL Label (Fire Rated), Add 11.40	11.40	
08 71 11 00-1418	EA		10" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 72.37	72.37	8.73
			For Four Beveled Edges, Add 1.76	1.76	
			For UL Label (Fire Rated), Add 11.40	11.40	
08 71 11 00-1419	EA		10" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 75.49	75.49	8.73
			For Four Beveled Edges, Add 1.76	1.76	
			For UL Label (Fire Rated), Add 11.40	11.40	
08 71 11 00-1420	EA		10" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 78.59	78.59	8.73
			For Four Beveled Edges, Add 1.76	1.76	
			For UL Label (Fire Rated), Add 11.40	11.40	
08 71 11 00-1421	EA		10" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 84.07	84.07	9.31
			For Four Beveled Edges, Add 1.76	1.76	
			For UL Label (Fire Rated), Add 11.40	11.40	
08 71 11 00-1422	EA		10" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 87.20	87.20	9.31
			For Four Beveled Edges, Add 1.76	1.76	
			For UL Label (Fire Rated), Add 11.40	11.40	
08 71 11 00-1423	EA		10" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 90.29	90.29	9.31
			For Four Beveled Edges, Add 1.76	1.76	
			For UL Label (Fire Rated), Add 11.40	11.40	
08 71 11 00-1424	EA		10" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 93.39	93.39	9.31
			For Four Beveled Edges, Add 1.76	1.76	
			For UL Label (Fire Rated), Add 11.40	11.40	
08 71 11 00-1425	EA		10" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 98.89	98.89	9.90
			For Four Beveled Edges, Add 1.76	1.76	
			For UL Label (Fire Rated), Add 11.40	11.40	
08 71 11 00-1426	EA		10" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 101.99	101.99	9.90
			For Four Beveled Edges, Add 1.76	1.76	
			For UL Label (Fire Rated), Add 11.40	11.40	
08 71 11 00-1427	EA		10" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 105.09	105.09	9.90
			For Four Beveled Edges, Add 1.76	1.76	
			For UL Label (Fire Rated), Add 11.40	11.40	
08 71 11 00-1428	EA		10" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 110.56	110.56	10.47
			For Four Beveled Edges, Add 1.76	1.76	
			For UL Label (Fire Rated), Add 11.40	11.40	
08 71 11 00-1429	EA		10" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 113.69	113.69	10.47
			For Four Beveled Edges, Add 1.76	1.76	
			For UL Label (Fire Rated), Add 11.40	11.40	
08 71 11 00-1430	EA		10" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 116.79	116.79	10.47
			For Four Beveled Edges, Add 1.76	1.76	
			For UL Label (Fire Rated), Add 11.40	11.40	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1431	EA	12" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	76.11	8.73
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1432	EA	12" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	79.86	8.73
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1433	EA	12" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	83.60	8.73
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1434	EA	12" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	87.35	8.73
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1435	EA	12" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	93.39	9.31
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1436	EA	12" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	97.16	9.31
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1437	EA	12" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	100.88	9.31
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1438	EA	12" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	104.65	9.31
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1439	EA	12" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	110.69	9.90
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1440	EA	12" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	114.46	9.90
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1441	EA	12" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	118.22	9.90
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1442	EA	12" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	124.27	10.47
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1443	EA	12" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	128.04	10.47
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1444	EA	12" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	131.76	10.47
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1445	EA	14" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	85.31	9.31
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1446	EA	14" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	89.68	9.31
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1447	EA	14" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	94.06	9.31
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1448	EA	14" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	98.43	9.31
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1449	EA	14" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	105.09	9.90
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1450	EA	14" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	109.47	9.90
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1451	EA	14" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	113.84	9.90
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1452	EA	14" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	118.22	9.90
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1453	EA	14" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	124.94	10.47
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1454	EA	14" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	129.26	10.47
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1455	EA	14" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	133.65	10.47
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1456	EA	14" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	140.36	11.05
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1457	EA	14" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	144.73	11.05
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1458	EA	14" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	149.12	11.05
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1459	EA	16" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	95.77	9.31
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1460	EA	16" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	101.35	9.31
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1461	EA		16" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	106.71 1.76 11.40	9.31
08 71 11 00-1462	EA		16" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	112.04 1.76 11.40	9.31
08 71 11 00-1463	EA		16" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	119.69 1.76 11.40	9.90
08 71 11 00-1464	EA		16" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	125.04 1.76 11.40	9.90
08 71 11 00-1465	EA		16" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	130.40 1.76 11.40	9.90
08 71 11 00-1466	EA		16" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	135.73 1.76 11.40	9.90
08 71 11 00-1467	EA		16" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	143.39 1.76 11.40	10.47
08 71 11 00-1468	EA		16" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	148.77 1.76 11.40	10.47
08 71 11 00-1469	EA		16" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	154.12 1.76 11.40	10.47
08 71 11 00-1470	EA		16" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	162.23 1.76 11.40	11.05
08 71 11 00-1471	EA		16" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	167.11 1.76 11.40	11.05
08 71 11 00-1472	EA		16" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	172.47 1.76 11.40	11.05
08 71 11 00-1473	EA		18" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	101.87 6.30 11.40	9.31
08 71 11 00-1474	EA		18" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	107.77 6.30 11.40	9.31
08 71 11 00-1475	EA		18" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	113.62 6.30 11.40	9.31
08 71 11 00-1476	EA		18" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	119.50 6.30 11.40	9.31
08 71 11 00-1477	EA		18" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	127.72 6.30 11.40	9.90
08 71 11 00-1478	EA		18" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	133.57 6.30 11.40	9.90
08 71 11 00-1479	EA		18" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	139.45 6.30 11.40	9.90
08 71 11 00-1480	EA		18" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	145.30 6.30 11.40	9.90
08 71 11 00-1481	EA		18" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	153.53 6.30 11.40	10.47
08 71 11 00-1482	EA		18" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	159.40 6.30 11.40	10.47
08 71 11 00-1483	EA		18" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	165.25 6.30 11.40	10.47
08 71 11 00-1484	EA		18" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	173.49 6.30 11.40	11.05
08 71 11 00-1485	EA		18" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	179.39 6.30 11.40	11.05
08 71 11 00-1486	EA		18" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	185.24 6.30 11.40	11.05
08 71 11 00-1487	EA		20" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	111.38 6.30 11.40	9.90
08 71 11 00-1488	EA		20" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	117.90 6.30 11.40	9.90
08 71 11 00-1489	EA		20" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	124.45 6.30 11.40	9.90
08 71 11 00-1490	EA		20" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	130.94 6.30 11.40	9.90

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1491	EA	20" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	139.82	10.47
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1492	EA	20" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	146.36	10.47
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1493	EA	20" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	152.86	10.47
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1494	EA	20" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	159.40	10.47
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1495	EA	20" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	168.25	11.05
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1496	EA	20" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	174.80	11.05
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1497	EA	20" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	181.34	11.05
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1498	EA	20" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	190.17	11.64
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1499	EA	20" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	196.72	11.64
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1500	EA	20" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	203.24	11.64
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1501	EA	22" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	118.55	9.90
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1502	EA	22" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	125.76	9.90
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1503	EA	22" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	132.90	9.90
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1504	EA	22" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	140.12	9.90
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1505	EA	22" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	149.59	10.47
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1506	EA	22" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	156.80	10.47
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1507	EA	22" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	163.97	10.47
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1508	EA	22" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	171.16	10.47
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1509	EA	22" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	180.65	11.05
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1510	EA	22" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	187.84	11.05
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1511	EA	22" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	195.05	11.05
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1512	EA	22" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	204.52	11.64
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1513	EA	22" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	211.74	11.64
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1514	EA	22" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	218.88	11.64
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1515	EA	24" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	125.76	9.90
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1516	EA	24" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	133.57	9.90
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1517	EA	24" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	141.43	9.90
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1518	EA	24" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	149.24	9.90
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1519	EA	24" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	159.40	10.47
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1520	EA	24" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	167.24	10.47
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	

08 Openings**08 70 Hardware****08 71 Door Hardware**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 11 00-1521	EA	24" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	175.07	10.47
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1522	EA	24" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	182.91	10.47
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1523	EA	24" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	193.07	11.05
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1524	EA	24" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	200.91	11.05
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1525	EA	24" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	208.74	11.05
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1526	EA	24" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	218.88	11.64
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1527	EA	24" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	226.74	11.64
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1528	EA	24" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	234.60	11.64
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	

08 71 11 00-1529 Bright Stainless Finish, Stainless Kick Plate (08 71 11 00-1401)

08 71 11 00-1530	EA	8" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	99.48	8.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1531	EA	8" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	105.38	8.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1532	EA	8" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	111.23	8.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1533	EA	8" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	117.10	8.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1534	EA	8" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	125.28	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1535	EA	8" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	131.17	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1536	EA	8" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	137.02	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1537	EA	8" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	142.92	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1538	EA	8" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	151.06	9.90
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1539	EA	8" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	156.96	9.90
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1540	EA	8" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	162.85	9.90
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1541	EA	8" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	171.03	10.47
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1542	EA	8" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	176.90	10.47
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1543	EA	8" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	182.75	10.47
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1544	EA	10" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	115.63	8.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1545	EA	10" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	122.95	8.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1546	EA	10" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	130.31	8.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1547	EA	10" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	137.65	8.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1548	EA	10" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	147.30	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1549	EA	10" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	154.64	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1550	EA	10" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	162.00	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1551	EA		10" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	169.34 1.76 11.40	9.31
08 71 11 00-1552	EA		10" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	178.98 1.76 11.40	9.90
08 71 11 00-1553	EA		10" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	186.32 1.76 11.40	9.90
08 71 11 00-1554	EA		10" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	193.68 1.76 11.40	9.90
08 71 11 00-1555	EA		10" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	203.30 1.76 11.40	10.47
08 71 11 00-1556	EA		10" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	210.67 1.76 11.40	10.47
08 71 11 00-1557	EA		10" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	218.01 1.76 11.40	10.47
08 71 11 00-1558	EA		12" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	131.75 1.76 11.40	8.73
08 71 11 00-1559	EA		12" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	140.59 1.76 11.40	8.73
08 71 11 00-1560	EA		12" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	149.40 1.76 11.40	8.73
08 71 11 00-1561	EA		12" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	158.20 1.76 11.40	8.73
08 71 11 00-1562	EA		12" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	169.34 1.76 11.40	9.31
08 71 11 00-1563	EA		12" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	178.10 1.76 11.40	9.31
08 71 11 00-1564	EA		12" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	186.94 1.76 11.40	9.31
08 71 11 00-1565	EA		12" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	195.74 1.76 11.40	9.31
08 71 11 00-1566	EA		12" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	206.87 1.76 11.40	9.90
08 71 11 00-1567	EA		12" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	215.68 1.76 11.40	9.90
08 71 11 00-1568	EA		12" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	224.46 1.76 11.40	9.90
08 71 11 00-1569	EA		12" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	235.63 1.76 11.40	10.47
08 71 11 00-1570	EA		12" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	244.41 1.76 11.40	10.47
08 71 11 00-1571	EA		12" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	253.22 1.76 11.40	10.47
08 71 11 00-1572	EA		14" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	150.26 1.76 11.40	9.31
08 71 11 00-1573	EA		14" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	160.53 1.76 11.40	9.31
08 71 11 00-1574	EA		14" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	170.81 1.76 11.40	9.31
08 71 11 00-1575	EA		14" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	181.09 1.76 11.40	9.31
08 71 11 00-1576	EA		14" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	193.68 1.76 11.40	9.90
08 71 11 00-1577	EA		14" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	203.94 1.76 11.40	9.90
08 71 11 00-1578	EA		14" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	214.21 1.76 11.40	9.90
08 71 11 00-1579	EA		14" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	224.46 1.76 11.40	9.90
08 71 11 00-1580	EA		14" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	237.10 1.76 11.40	10.47

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1581	EA		14" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	247.37	10.47
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1582	EA		14" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	257.65	10.47
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1583	EA		14" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	270.26	11.05
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1584	EA		14" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	280.48	11.05
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1585	EA		14" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	290.76	11.05
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1586	EA		16" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	166.38	9.31
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1587	EA		16" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	178.10	9.31
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1588	EA		16" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	189.90	9.31
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1589	EA		16" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	201.62	9.31
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1590	EA		16" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	215.68	9.90
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1591	EA		16" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	227.43	9.90
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1592	EA		16" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	239.15	9.90
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1593	EA		16" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	250.89	9.90
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1594	EA		16" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	264.96	10.47
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1595	EA		16" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	276.68	10.47
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1596	EA		16" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	288.43	10.47
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1597	EA		16" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	302.50	11.05
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1598	EA		16" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	314.27	11.05
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1599	EA		16" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	326.02	11.05
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1600	EA		18" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	184.25	9.31
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1601	EA		18" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	197.67	9.31
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1602	EA		18" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	210.98	9.31
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1603	EA		18" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	224.40	9.31
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1604	EA		18" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	240.08	9.90
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1605	EA		18" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	253.40	9.90
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1606	EA		18" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	266.81	9.90
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1607	EA		18" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	287.77	9.90
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1608	EA		18" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	295.87	10.47
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1609	EA		18" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	309.24	10.47
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1610	EA		18" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	322.60	10.47
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1611	EA		18" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	338.29 6.30 11.40	11.05
08 71 11 00-1612	EA		18" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	351.66 6.30 11.40	11.05
08 71 11 00-1613	EA		18" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	365.02 6.30 11.40	11.05
08 71 11 00-1614	EA		20" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	202.95 6.30 11.40	9.90
08 71 11 00-1615	EA		20" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	217.78 6.30 11.40	9.90
08 71 11 00-1616	EA		20" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	232.64 6.30 11.40	9.90
08 71 11 00-1617	EA		20" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	247.47 6.30 11.40	9.90
08 71 11 00-1618	EA		20" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	264.66 6.30 11.40	10.47
08 71 11 00-1619	EA		20" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	279.54 6.30 11.40	10.47
08 71 11 00-1620	EA		20" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	294.35 6.30 11.40	10.47
08 71 11 00-1621	EA		20" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	309.24 6.30 11.40	10.47
08 71 11 00-1622	EA		20" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	326.37 6.30 11.40	11.05
08 71 11 00-1623	EA		20" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	341.26 6.30 11.40	11.05
08 71 11 00-1624	EA		20" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	356.11 6.30 11.40	11.05
08 71 11 00-1625	EA		20" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	373.28 6.30 11.40	11.64
08 71 11 00-1626	EA		20" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	388.14 6.30 11.40	11.64
08 71 11 00-1627	EA		20" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	402.97 6.30 11.40	11.64
08 71 11 00-1628	EA		22" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	219.28 6.30 11.40	9.90
08 71 11 00-1629	EA		22" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	235.60 6.30 11.40	9.90
08 71 11 00-1630	EA		22" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	251.93 6.30 11.40	9.90
08 71 11 00-1631	EA		22" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	268.25 6.30 11.40	9.90
08 71 11 00-1632	EA		22" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	286.94 6.30 11.40	10.47
08 71 11 00-1633	EA		22" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	303.29 6.30 11.40	10.47
08 71 11 00-1634	EA		22" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	319.64 6.30 11.40	10.47
08 71 11 00-1635	EA		22" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	335.96 6.30 11.40	10.47
08 71 11 00-1636	EA		22" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	354.62 6.30 11.40	11.05
08 71 11 00-1637	EA		22" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	370.95 6.30 11.40	11.05
08 71 11 00-1638	EA		22" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	387.27 6.30 11.40	11.05
08 71 11 00-1639	EA		22" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	405.93 6.30 11.40	11.64
08 71 11 00-1640	EA		22" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	422.31 6.30 11.40	11.64

08 Openings**08 70 Hardware****08 71 Door Hardware**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 11 00-1641	EA	22" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	438.63	11.64
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1642	EA	24" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	235.60	9.90
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1643	EA	24" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	253.40	9.90
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1644	EA	24" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	271.24	9.90
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1645	EA	24" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	289.06	9.90
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1646	EA	24" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	309.24	10.47
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1647	EA	24" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	327.03	10.47
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1648	EA	24" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	344.85	10.47
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1649	EA	24" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	362.69	10.47
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1650	EA	24" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	382.84	11.05
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1651	EA	24" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	400.64	11.05
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1652	EA	24" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	418.48	11.05
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1653	EA	24" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	438.63	11.64
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1654	EA	24" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	456.48	11.64
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1655	EA	24" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	474.27	11.64
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	

08 71 11 00-1656 Plastic Kick Plate (08 71 11 00-0763)

08 71 11 00-1657 Clear Or Black Finish, Plastic Kick Plate (08 71 11 00-1656)

Note: With four beveled edges.

08 71 11 00-1658	EA	8" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	55.21	8.73
08 71 11 00-1659	EA	8" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	57.03	8.73
08 71 11 00-1660	EA	8" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	58.91	8.73
08 71 11 00-1661	EA	8" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	60.75	8.73
08 71 11 00-1662	EA	8" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	64.94	9.31
08 71 11 00-1663	EA	8" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	66.77	9.31
08 71 11 00-1664	EA	8" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	68.59	9.31
08 71 11 00-1665	EA	8" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	70.47	9.31
08 71 11 00-1666	EA	8" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	76.87	9.90
08 71 11 00-1667	EA	8" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	76.44	9.90
08 71 11 00-1668	EA	8" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	78.32	9.90
08 71 11 00-1669	EA	8" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	82.49	10.47
08 71 11 00-1670	EA	8" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	84.35	10.47
08 71 11 00-1671	EA	8" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	86.19	10.47
08 71 11 00-1672	EA	10" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	60.27	8.73
08 71 11 00-1673	EA	10" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	62.61	8.73
08 71 11 00-1674	EA	10" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	64.89	8.73
08 71 11 00-1675	EA	10" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	67.18	8.73
08 71 11 00-1676	EA	10" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	71.84	9.31
08 71 11 00-1677	EA	10" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	74.12	9.31
08 71 11 00-1678	EA	10" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	76.45	9.31
08 71 11 00-1679	EA	10" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	78.74	9.31
08 71 11 00-1680	EA	10" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	83.39	9.90
08 71 11 00-1681	EA	10" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	85.67	9.90
08 71 11 00-1682	EA	10" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	88.00	9.90
08 71 11 00-1683	EA	10" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	92.62	10.47
08 71 11 00-1684	EA	10" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	94.95	10.47
08 71 11 00-1685	EA	10" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	97.24	10.47
08 71 11 00-1686	EA	12" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	65.36	8.73
08 71 11 00-1687	EA	12" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	68.14	8.73
08 71 11 00-1688	EA	12" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	70.87	8.73
08 71 11 00-1689	EA	12" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	73.67	8.73
08 71 11 00-1690	EA	12" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	78.74	9.31
08 71 11 00-1691	EA	12" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	81.54	9.31
08 71 11 00-1692	EA	12" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	84.32	9.31
08 71 11 00-1693	EA	12" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	87.07	9.31
08 71 11 00-1694	EA	12" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	92.13	9.90

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1695	EA	12" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	94.91	9.90	
08 71 11 00-1696	EA	12" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	97.71	9.90	
08 71 11 00-1697	EA	12" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	102.77	10.47	
08 71 11 00-1698	EA	12" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	105.57	10.47	
08 71 11 00-1699	EA	12" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	108.30	10.47	
08 71 11 00-1700	EA	14" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	72.76	9.31	
08 71 11 00-1701	EA	14" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	76.00	9.31	
08 71 11 00-1702	EA	14" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	79.21	9.31	
08 71 11 00-1703	EA	14" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	82.46	9.31	
08 71 11 00-1704	EA	14" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	88.00	9.90	
08 71 11 00-1705	EA	14" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	91.21	9.90	
08 71 11 00-1706	EA	14" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	94.46	9.90	
08 71 11 00-1707	EA	14" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	97.71	9.90	
08 71 11 00-1708	EA	14" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	103.24	10.47	
08 71 11 00-1709	EA	14" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	106.49	10.47	
08 71 11 00-1710	EA	14" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	109.72	10.47	
08 71 11 00-1711	EA	14" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	115.25	11.05	
08 71 11 00-1712	EA	14" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	118.50	11.05	
08 71 11 00-1713	EA	14" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	121.70	11.05	
08 71 11 00-1714	EA	16" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	83.91	9.31	
08 71 11 00-1715	EA	16" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	88.17	9.31	
08 71 11 00-1716	EA	16" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	92.36	9.31	
08 71 11 00-1717	EA	16" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	96.62	9.31	
08 71 11 00-1718	EA	16" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	103.20	9.90	
08 71 11 00-1719	EA	16" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	107.43	9.90	
08 71 11 00-1720	EA	16" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	111.69	9.90	
08 71 11 00-1721	EA	16" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	115.90	9.90	
08 71 11 00-1722	EA	16" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	122.49	10.47	
08 71 11 00-1723	EA	16" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	126.72	10.47	
08 71 11 00-1724	EA	16" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	130.98	10.47	
08 71 11 00-1725	EA	16" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	137.57	11.05	
08 71 11 00-1726	EA	16" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	141.76	11.05	
08 71 11 00-1727	EA	16" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	146.02	11.05	
08 71 11 00-1728	EA	18" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	89.72	9.31	
08 71 11 00-1729	EA	18" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	94.51	9.31	
08 71 11 00-1730	EA	18" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	99.26	9.31	
08 71 11 00-1731	EA	18" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	104.06	9.31	
08 71 11 00-1732	EA	18" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	217.07	9.90	
08 71 11 00-1733	EA	18" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	115.90	9.90	
08 71 11 00-1734	EA	18" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	120.70	9.90	
08 71 11 00-1735	EA	18" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	125.45	9.90	
08 71 11 00-1736	EA	18" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	132.57	10.47	
08 71 11 00-1737	EA	18" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	137.34	10.47	
08 71 11 00-1738	EA	18" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	142.09	10.47	
08 71 11 00-1739	EA	18" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	149.22	11.05	
08 71 11 00-1740	EA	18" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	153.97	11.05	
08 71 11 00-1741	EA	18" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	158.76	11.05	
08 71 11 00-1742	EA	20" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	97.89	9.90	
08 71 11 00-1743	EA	20" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	103.20	9.90	
08 71 11 00-1744	EA	20" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	108.48	9.90	
08 71 11 00-1745	EA	20" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	113.79	9.90	
08 71 11 00-1746	EA	20" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	121.43	10.47	
08 71 11 00-1747	EA	20" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	126.72	10.47	
08 71 11 00-1748	EA	20" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	132.03	10.47	
08 71 11 00-1749	EA	20" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	137.34	10.47	
08 71 11 00-1750	EA	20" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	144.96	11.05	
08 71 11 00-1751	EA	20" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	150.27	11.05	
08 71 11 00-1752	EA	20" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	155.56	11.05	
08 71 11 00-1753	EA	20" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	163.20	11.64	
08 71 11 00-1754	EA	20" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	168.51	11.64	
08 71 11 00-1755	EA	20" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	173.80	11.64	
08 71 11 00-1756	EA	22" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	103.73	9.90	
08 71 11 00-1757	EA	22" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	109.54	9.90	
08 71 11 00-1758	EA	22" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	115.39	9.90	
08 71 11 00-1759	EA	22" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	121.19	9.90	
08 71 11 00-1760	EA	22" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	129.39	10.47	
08 71 11 00-1761	EA	22" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	135.24	10.47	
08 71 11 00-1762	EA	22" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	141.04	10.47	
08 71 11 00-1763	EA	22" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	146.89	10.47	
08 71 11 00-1764	EA	22" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	155.02	11.05	
08 71 11 00-1765	EA	22" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	160.87	11.05	
08 71 11 00-1766	EA	22" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	166.72	11.05	
08 71 11 00-1767	EA	22" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	174.85	11.64	
08 71 11 00-1768	EA	22" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	180.70	11.64	
08 71 11 00-1769	EA	22" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	186.50	11.64	
08 71 11 00-1770	EA	24" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	109.54	9.90	
08 71 11 00-1771	EA	24" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	115.90	9.90	
08 71 11 00-1772	EA	24" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	122.29	9.90	
08 71 11 00-1773	EA	24" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	128.65	9.90	
08 71 11 00-1774	EA	24" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	137.34	10.47	
08 71 11 00-1775	EA	24" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	143.69	10.47	
08 71 11 00-1776	EA	24" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	150.05	10.47	
08 71 11 00-1777	EA	24" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	156.43	10.47	
08 71 11 00-1778	EA	24" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	165.13	11.05	
08 71 11 00-1779	EA	24" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	171.47	11.05	

08 Openings

08 70 Hardware

08 71 Door Hardware

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 11 00-1780	EA	24" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	177.83	11.05
08 71 11 00-1781	EA	24" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	186.50	11.64
08 71 11 00-1782	EA	24" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	192.91	11.64
08 71 11 00-1783	EA	24" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	199.28	11.64

08 71 11 00-1784 Mop Plate (08 71 11 00-0762)
 Note: Ives 8400.

08 71 11 00-1785 Aluminum Base Material Mop Plate (08 71 11 00-1784)

08 71 11 00-1786 Satin Aluminum Finish, Aluminum Mop Plate (08 71 11 00-1785)

08 71 11 00-1787	EA	4" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	49.64	8.50
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1788	EA	4" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	51.09	8.50
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1789	EA	4" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	52.50	8.50
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1790	EA	4" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	53.95	8.50
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1791	EA	4" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	56.80	8.84
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1792	EA	4" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	58.20	8.84
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1793	EA	4" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	59.66	8.84
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1794	EA	4" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	61.06	8.84
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1795	EA	4" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	64.51	9.31
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1796	EA	4" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	65.94	9.31
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1797	EA	4" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	67.36	9.31
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1798	EA	4" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	71.11	9.90
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1799	EA	4" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	72.57	9.90
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1800	EA	4" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	73.97	9.90
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1801	EA	6" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	57.53	8.50
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1802	EA	6" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	59.67	8.50
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1803	EA	6" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	61.84	8.50
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1804	EA	6" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	63.98	8.50
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1805	EA	6" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	67.55	8.84
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1806	EA	6" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	69.66	8.84
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1807	EA	6" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	71.86	8.84
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1808	EA	6" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	73.98	8.84
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1809	EA	6" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	78.14	9.31
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1810	EA	6" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	80.28	9.31
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1811	EA	6" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	82.45	9.31
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1812	EA	6" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	86.92	9.90
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 71 11 00-1813	EA	6" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	89.09	1.76 11.40	9.90
08 71 11 00-1814	EA	6" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	91.21	1.76 11.40	9.90
08 71 11 00-1815 Brass Base Material Mop Plate (08 71 11 00-1784)					
08 71 11 00-1816 Bright/Satin Brass Finish, Brass Mop Plate (08 71 11 00-1815)					
08 71 11 00-1817	EA	4" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	76.00	1.76 11.40	8.50
08 71 11 00-1818	EA	4" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	79.88	1.76 11.40	8.50
08 71 11 00-1819	EA	4" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	83.70	1.76 11.40	8.50
08 71 11 00-1820	EA	4" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	87.55	1.76 11.40	8.50
08 71 11 00-1821	EA	4" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	92.76	1.76 11.40	8.84
08 71 11 00-1822	EA	4" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	96.58	1.76 11.40	8.84
08 71 11 00-1823	EA	4" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	100.43	1.76 11.40	8.84
08 71 11 00-1824	EA	4" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	104.25	1.76 11.40	8.84
08 71 11 00-1825	EA	4" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	110.09	1.76 11.40	9.31
08 71 11 00-1826	EA	4" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	113.91	1.76 11.40	9.31
08 71 11 00-1827	EA	4" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	117.73	1.76 11.40	9.31
08 71 11 00-1828	EA	4" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	123.90	1.76 11.40	9.90
08 71 11 00-1829	EA	4" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	127.72	1.76 11.40	9.90
08 71 11 00-1830	EA	4" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	131.59	1.76 11.40	9.90
08 71 11 00-1831	EA	6" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	97.13	1.76 11.40	8.50
08 71 11 00-1832	EA	6" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	102.86	1.76 11.40	8.50
08 71 11 00-1833	EA	6" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	108.62	1.76 11.40	8.50
08 71 11 00-1834	EA	6" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	114.35	1.76 11.40	8.50
08 71 11 00-1835	EA	6" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	121.50	1.76 11.40	8.84
08 71 11 00-1836	EA	6" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	127.28	1.76 11.40	8.84
08 71 11 00-1837	EA	6" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	132.99	1.76 11.40	8.84
08 71 11 00-1838	EA	6" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	138.78	1.76 11.40	8.84
08 71 11 00-1839	EA	6" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	146.47	1.76 11.40	9.31
08 71 11 00-1840	EA	6" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	152.26	1.76 11.40	9.31
08 71 11 00-1841	EA	6" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	158.02	1.76 11.40	9.31
08 71 11 00-1842	EA	6" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	166.07	1.76 11.40	9.90

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 71 11 00-1843	EA	6" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	171.83	9.90
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1844	EA	6" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	177.56	9.90
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1845 Bright/Satin Chrome Finish, Stainless Mop Plate (08 71 11 00-1815)				
08 71 11 00-1846	EA	4" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	80.20	8.50
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1847	EA	4" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	84.40	8.50
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1848	EA	4" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	88.61	8.50
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1849	EA	4" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	92.83	8.50
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1850	EA	4" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	98.41	8.84
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1851	EA	4" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	102.63	8.84
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1852	EA	4" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	106.85	8.84
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1853	EA	4" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	111.04	8.84
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1854	EA	4" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	117.25	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1855	EA	4" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	121.49	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1856	EA	4" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	125.71	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1857	EA	4" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	132.25	9.90
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1858	EA	4" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	136.44	9.90
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1859	EA	4" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	140.66	9.90
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1860	EA	6" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	103.36	8.50
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1861	EA	6" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	109.65	8.50
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1862	EA	6" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	115.99	8.50
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1863	EA	6" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	122.33	8.50
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1864	EA	6" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	130.01	8.84
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1865	EA	6" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	136.35	8.84
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1866	EA	6" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	142.63	8.84
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1867	EA	6" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	148.97	8.84
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1868	EA	6" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	157.30	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1869	EA	6" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	163.59	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1870	EA	6" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	169.93	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1871	EA	6" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	178.54	9.90
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1872	EA	6" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	184.88	9.90
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1873	EA		6" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	191.19 1.76 11.40	9.90
08 71 11 00-1874			Satin/Dark Bronze Finish, Brass Mop Plate <small>(08 71 11 00-1815)</small>		
08 71 11 00-1875	EA		4" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	80.96 1.76 11.40	8.50
08 71 11 00-1876	EA		4" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	85.23 1.76 11.40	8.50
08 71 11 00-1877	EA		4" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	89.52 1.76 11.40	8.50
08 71 11 00-1878	EA		4" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	93.79 1.76 11.40	8.50
08 71 11 00-1879	EA		4" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	99.47 1.76 11.40	8.84
08 71 11 00-1880	EA		4" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	103.76 1.76 11.40	8.84
08 71 11 00-1881	EA		4" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	108.06 1.76 11.40	8.84
08 71 11 00-1882	EA		4" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	112.35 1.76 11.40	8.84
08 71 11 00-1883	EA		4" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	118.58 1.76 11.40	9.31
08 71 11 00-1884	EA		4" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	122.88 1.76 11.40	9.31
08 71 11 00-1885	EA		4" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	127.17 1.76 11.40	9.31
08 71 11 00-1886	EA		4" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	133.78 1.76 11.40	9.90
08 71 11 00-1887	EA		4" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	138.08 1.76 11.40	9.90
08 71 11 00-1888	EA		4" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	142.32 1.76 11.40	9.90
08 71 11 00-1889	EA		6" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	104.50 1.76 11.40	8.50
08 71 11 00-1890	EA		6" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	110.96 1.76 11.40	8.50
08 71 11 00-1891	EA		6" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	117.38 1.76 11.40	8.50
08 71 11 00-1892	EA		6" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	136.29 1.76 11.40	8.50
08 71 11 00-1893	EA		6" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	131.59 1.76 11.40	8.84
08 71 11 00-1894	EA		6" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	138.01 1.76 11.40	8.84
08 71 11 00-1895	EA		6" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	144.42 1.76 11.40	8.84
08 71 11 00-1896	EA		6" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	150.84 1.76 11.40	8.84
08 71 11 00-1897	EA		6" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	159.29 1.76 11.40	9.31
08 71 11 00-1898	EA		6" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	165.71 1.76 11.40	9.31
08 71 11 00-1899	EA		6" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	172.12 1.76 11.40	9.31
08 71 11 00-1900	EA		6" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	180.86 1.76 11.40	9.90
08 71 11 00-1901	EA		6" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	187.27 1.76 11.40	9.90
08 71 11 00-1902	EA		6" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	193.69 1.76 11.40	9.90

08 Openings

08 70 Hardware

08 71 Door Hardware

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 11 00-1903		Satin Nickel Finish, Stainless Mop Plate <small>(08 71 11 00-1815)</small>		
08 71 11 00-1904	EA	4" x 22", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	81.83	8.50
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1905	EA	4" x 24", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	86.14	8.50
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1906	EA	4" x 26", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	90.53	8.50
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1907	EA	4" x 28", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	94.90	8.50
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1908	EA	4" x 30", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	100.65	8.84
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1909	EA	4" x 32", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	104.99	8.84
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1910	EA	4" x 34", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	109.36	8.84
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1911	EA	4" x 36", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	113.72	8.84
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1912	EA	4" x 38", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	120.11	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1913	EA	4" x 40", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	124.45	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1914	EA	4" x 42", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	128.79	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1915	EA	4" x 44", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	135.50	9.90
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1916	EA	4" x 46", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	139.86	9.90
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1917	EA	4" x 48", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	144.18	9.90
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1918	EA	6" x 22", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	105.80	8.50
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1919	EA	6" x 24", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	112.33	8.50
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1920	EA	6" x 26", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	118.87	8.50
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1921	EA	6" x 28", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	125.41	8.50
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1922	EA	6" x 30", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	133.33	8.84
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1923	EA	6" x 32", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	139.87	8.84
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1924	EA	6" x 34", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	146.40	8.84
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1925	EA	6" x 36", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	152.96	8.84
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1926	EA	6" x 38", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	161.49	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1927	EA	6" x 40", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	168.05	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1928	EA	6" x 42", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	174.58	9.31
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1929	EA	6" x 44", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	183.44	9.90
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1930	EA	6" x 46", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	189.97	9.90
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1931	EA	6" x 48", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	196.53	9.90
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 11 00-1932	Stainless Base Material Mop Plate (08 71 11 00-1784)		
08 71 11 00-1933	Satin Stainless Finish, Stainless Mop Plate (08 71 11 00-1932)		
08 71 11 00-1934	EA 4" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	49.46	8.50
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1935	EA 4" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	50.84	8.50
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1936	EA 4" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	52.27	8.50
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1937	EA 4" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	53.67	8.50
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1938	EA 4" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	56.49	8.84
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1939	EA 4" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	57.92	8.84
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1940	EA 4" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	59.30	8.84
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1941	EA 4" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	60.73	8.84
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1942	EA 4" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	64.12	9.31
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1943	EA 4" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	65.55	9.31
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1944	EA 4" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	66.98	9.31
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1945	EA 4" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	70.68	9.90
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1946	EA 4" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	72.11	9.90
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1947	EA 4" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	73.51	9.90
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1948	EA 6" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	57.19	8.50
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1949	EA 6" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	59.34	8.50
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1950	EA 6" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	61.46	8.50
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1951	EA 6" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	63.60	8.50
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1952	EA 6" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	67.09	8.84
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1953	EA 6" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	69.20	8.84
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1954	EA 6" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	71.35	8.84
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1955	EA 6" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	73.47	8.84
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1956	EA 6" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	77.60	9.31
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1957	EA 6" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	79.70	9.31
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1958	EA 6" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	81.82	9.31
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1959	EA 6" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	86.28	9.90
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1960	EA 6" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	88.37	9.90
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1961	EA 6" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	90.52	9.90
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	

08 Openings**08 70 Hardware****08 71 Door Hardware**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 11 00-1962		Bright Stainless Finish, Stainless Mop Plate <small>(08 71 11 00-1932)</small>			
08 71 11 00-1963	EA	4" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	68.04	8.50	
		For Four Beveled Edges, Add	1.76		
		For UL Label (Fire Rated), Add	11.40		
08 71 11 00-1964	EA	4" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	71.17	8.50	
		For Four Beveled Edges, Add	1.76		
		For UL Label (Fire Rated), Add	11.40		
08 71 11 00-1965	EA	4" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	74.29	8.50	
		For Four Beveled Edges, Add	1.76		
		For UL Label (Fire Rated), Add	11.40		
08 71 11 00-1966	EA	4" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	77.37	8.50	
		For Four Beveled Edges, Add	1.76		
		For UL Label (Fire Rated), Add	11.40		
08 71 11 00-1967	EA	4" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	81.88	8.84	
		For Four Beveled Edges, Add	1.76		
		For UL Label (Fire Rated), Add	11.40		
08 71 11 00-1968	EA	4" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	84.98	8.84	
		For Four Beveled Edges, Add	1.76		
		For UL Label (Fire Rated), Add	11.40		
08 71 11 00-1969	EA	4" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	88.11	8.84	
		For Four Beveled Edges, Add	1.76		
		For UL Label (Fire Rated), Add	11.40		
08 71 11 00-1970	EA	4" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	91.23	8.84	
		For Four Beveled Edges, Add	1.76		
		For UL Label (Fire Rated), Add	11.40		
08 71 11 00-1971	EA	4" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	96.30	9.31	
		For Four Beveled Edges, Add	1.76		
		For UL Label (Fire Rated), Add	11.40		
08 71 11 00-1972	EA	4" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	99.43	9.31	
		For Four Beveled Edges, Add	1.76		
		For UL Label (Fire Rated), Add	11.40		
08 71 11 00-1973	EA	4" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	102.55	9.31	
		For Four Beveled Edges, Add	1.76		
		For UL Label (Fire Rated), Add	11.40		
08 71 11 00-1974	EA	4" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	107.97	9.90	
		For Four Beveled Edges, Add	1.76		
		For UL Label (Fire Rated), Add	11.40		
08 71 11 00-1975	EA	4" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	111.10	9.90	
		For Four Beveled Edges, Add	1.76		
		For UL Label (Fire Rated), Add	11.40		
08 71 11 00-1976	EA	4" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	114.17	9.90	
		For Four Beveled Edges, Add	1.76		
		For UL Label (Fire Rated), Add	11.40		
08 71 11 00-1977	EA	6" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	85.13	8.50	
		For Four Beveled Edges, Add	1.76		
		For UL Label (Fire Rated), Add	11.40		
08 71 11 00-1978	EA	6" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	89.84	8.50	
		For Four Beveled Edges, Add	1.76		
		For UL Label (Fire Rated), Add	11.40		
08 71 11 00-1979	EA	6" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	94.51	8.50	
		For Four Beveled Edges, Add	1.76		
		For UL Label (Fire Rated), Add	11.40		
08 71 11 00-1980	EA	6" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	99.17	8.50	
		For Four Beveled Edges, Add	1.76		
		For UL Label (Fire Rated), Add	11.40		
08 71 11 00-1981	EA	6" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	105.20	8.84	
		For Four Beveled Edges, Add	1.76		
		For UL Label (Fire Rated), Add	11.40		
08 71 11 00-1982	EA	6" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	109.86	8.84	
		For Four Beveled Edges, Add	1.76		
		For UL Label (Fire Rated), Add	11.40		
08 71 11 00-1983	EA	6" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	114.53	8.84	
		For Four Beveled Edges, Add	1.76		
		For UL Label (Fire Rated), Add	11.40		
08 71 11 00-1984	EA	6" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	119.19	8.84	
		For Four Beveled Edges, Add	1.76		
		For UL Label (Fire Rated), Add	11.40		
08 71 11 00-1985	EA	6" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	125.87	9.31	
		For Four Beveled Edges, Add	1.76		
		For UL Label (Fire Rated), Add	11.40		
08 71 11 00-1986	EA	6" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	130.53	9.31	
		For Four Beveled Edges, Add	1.76		
		For UL Label (Fire Rated), Add	11.40		
08 71 11 00-1987	EA	6" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	135.19	9.31	
		For Four Beveled Edges, Add	1.76		
		For UL Label (Fire Rated), Add	11.40		
08 71 11 00-1988	EA	6" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	142.18	9.90	
		For Four Beveled Edges, Add	1.76		
		For UL Label (Fire Rated), Add	11.40		
08 71 11 00-1989	EA	6" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	146.82	9.90	
		For Four Beveled Edges, Add	1.76		
		For UL Label (Fire Rated), Add	11.40		
08 71 11 00-1990	EA	6" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	151.48	9.90	
		For Four Beveled Edges, Add	1.76		
		For UL Label (Fire Rated), Add	11.40		

 08 71 11 00-1991 Plastic Mop Plate (08 71 11 00-1784)

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 11 00-1992		Clear Or Black Finish, Plastic Mop Plate <small>(08 71 11 00-1991)</small>	
Note: With four beveled edges.			
08 71 11 00-1993	EA	4" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate.....	47.46 8.50
Note: 4 sides beveled.			
08 71 11 00-1994	EA	4" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate.....	48.70 8.50
Note: 4 sides beveled.			
08 71 11 00-1995	EA	4" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate.....	49.95 8.50
Note: 4 sides beveled.			
08 71 11 00-1996	EA	4" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate.....	51.19 8.50
Note: 4 sides beveled.			
08 71 11 00-1997	EA	4" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate.....	53.81 8.84
Note: 4 sides beveled.			
08 71 11 00-1998	EA	4" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate.....	55.04 8.84
Note: 4 sides beveled.			
08 71 11 00-1999	EA	4" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate.....	56.27 8.84
Note: 4 sides beveled.			
08 71 11 00-2000	EA	4" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate.....	57.53 8.84
Note: 4 sides beveled.			
08 71 11 00-2001	EA	4" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate.....	60.75 9.31
Note: 4 sides beveled.			
08 71 11 00-2002	EA	4" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate.....	61.98 9.31
Note: 4 sides beveled.			
08 71 11 00-2003	EA	4" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate.....	63.22 9.31
Note: 4 sides beveled.			
08 71 11 00-2004	EA	4" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate.....	66.77 9.90
Note: 4 sides beveled.			
08 71 11 00-2005	EA	4" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate.....	68.03 9.90
Note: 4 sides beveled.			
08 71 11 00-2006	EA	4" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate.....	69.26 9.90
Note: 4 sides beveled.			
08 71 11 00-2007	EA	6" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate.....	54.27 8.50
Note: 4 sides beveled.			
08 71 11 00-2008	EA	6" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate.....	56.14 8.50
Note: 4 sides beveled.			
08 71 11 00-2009	EA	6" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate.....	57.99 8.50
Note: 4 sides beveled.			
08 71 11 00-2010	EA	6" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate.....	59.84 8.50
Note: 4 sides beveled.			
08 71 11 00-2011	EA	6" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate.....	63.10 8.84
Note: 4 sides beveled.			
08 71 11 00-2012	EA	6" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate.....	64.95 8.84
Note: 4 sides beveled.			
08 71 11 00-2013	EA	6" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate.....	66.80 8.84
Note: 4 sides beveled.			
08 71 11 00-2014	EA	6" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate.....	68.64 8.84
Note: 4 sides beveled.			
08 71 11 00-2015	EA	6" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate.....	72.51 9.31
Note: 4 sides beveled.			
08 71 11 00-2016	EA	6" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate.....	74.36 9.31
Note: 4 sides beveled.			
08 71 11 00-2017	EA	6" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate.....	76.20 9.31
Note: 4 sides beveled.			
08 71 11 00-2018	EA	6" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate.....	80.40 9.90
Note: 4 sides beveled.			
08 71 11 00-2019	EA	6" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate.....	82.25 9.90
Note: 4 sides beveled.			
08 71 11 00-2020	EA	6" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate.....	84.10 9.90
Note: 4 sides beveled.			
08 71 11 00-2021		Armor Door Plate <small>(08 71 11 00-0762)</small>	
Note: Size ranges of 26" to 48" high, 22" to 48" wide. Ives 8400.			
08 71 11 00-2022	SF	4 to 8 SF, 0.050" Thick, Satin Aluminum Finish, Aluminum Door Armor Plate	28.76 1.45
08 71 11 00-2023	SF	>8 to 16 SF, 0.050" Thick, Satin Aluminum Finish, Aluminum Door Armor Plate	27.48 1.14
08 71 11 00-2024	SF	4 to 8 SF, 0.050" Thick, Satin Stainless Finish, Stainless Door Armor Plate	29.32 1.45
08 71 11 00-2025	SF	>8 to 16 SF, 0.050" Thick, Satin Stainless Finish, Stainless Door Armor Plate	28.04 1.14
08 71 11 00-2026	SF	4 to 8 SF, 0.050" Thick, Bright Stainless Finish, Stainless Door Armor Plate	59.29 1.45
08 71 11 00-2027	SF	>8 to 16 SF, 0.050" Thick, Bright Stainless Finish, Stainless Door Armor Plate	58.01 1.14
08 71 11 00-2028		Pull Handle And Plates <small>(08 71 11 00-0762)</small>	
08 71 11 00-2029		Pull Handle <small>(08 71 11 00-2028)</small>	
08 71 11 00-2030	EA	3/4" Diameter, 6" Center to Center, Aluminum Door Pulls (Ives 8102HD-6).....	61.54 9.60
For Stainless Steel, Add			
			9.72
For Brass, Add			
			13.19
08 71 11 00-2031	EA	3/4" Diameter, 8" Center to Center, Aluminum Door Pulls (Ives 8102HD-8).....	64.54 9.60
For Stainless Steel, Add			
			10.98
For Brass, Add			
			14.90
08 71 11 00-2032	EA	3/4" Diameter, 10" Center to Center, Aluminum Door Pulls (Ives 8102HD-10).....	69.27 9.60
For Stainless Steel, Add			
			12.97
For Brass, Add			
			17.60
08 71 11 00-2033	EA	1" Diameter, 8" Center to Center, Aluminum Door Pulls (Ives 8103HD-8).....	71.90 9.60
For Stainless Steel, Add			
			14.07
For Brass, Add			
			19.10
08 71 11 00-2034	EA	1" Diameter, 10" Center to Center, Aluminum Door Pulls (Ives 8103HD-10).....	76.65 9.60
For Stainless Steel, Add			
			16.07
For Brass, Add			
			21.80

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2035	EA		1" Diameter, 12" Center to Center, Aluminum Door Pulls (Ives 8103HD-12).....	82.79	9.60
			<i>For Stainless Steel, Add</i>	18.64	
			<i>For Brass, Add</i>	25.30	
08 71 11 00-2036	EA		1" Flattened x 1/2" Round, 6" Center To Center, Aluminum Door Pulls (Ives 8105-6).....	64.76	9.60
			<i>For Stainless Steel, Add</i>	11.07	
			<i>For Brass, Add</i>	15.03	
08 71 11 00-2037	EA		1" Flattened x 1/2" Round, 8" Center To Center, Aluminum Door Pulls (Ives 8105-8).....	71.32	9.60
			<i>For Stainless Steel, Add</i>	13.83	
			<i>For Brass, Add</i>	18.76	
08 71 11 00-2038	EA		1" Flattened x 1/2" Round, 10" Center To Center, Aluminum Door Pulls (Ives 8105-10).....	72.39	9.60
			<i>For Stainless Steel, Add</i>	14.28	
			<i>For Brass, Add</i>	19.37	
08 71 11 00-2039	EA		1" Diameter, 8" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-8).....	138.56	9.60
			<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	18.93	
			<i>For Brass, Add</i>	17.43	
08 71 11 00-2040	EA		1" Diameter, 10" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-0).....	142.61	9.60
			<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	19.70	
			<i>For Brass, Add</i>	18.13	
08 71 11 00-2041	EA		1" Diameter, 12" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-2).....	150.76	9.60
			<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	21.24	
			<i>For Brass, Add</i>	19.55	
08 71 11 00-2042	EA		1" Diameter, 18" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-18).....	197.94	9.60
			<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	30.15	
			<i>For Brass, Add</i>	27.76	
08 71 11 00-2043			Pull Plate (08 71 11 00-2028)		
08 71 11 00-2044	EA		3-1/2" x 15" Aluminum Pull Plate Door Hardware (Ives 8302).....	95.03	7.27
			<i>For Stainless Steel, Add</i>	38.90	
			<i>For Brass, Add</i>	49.46	
08 71 11 00-2045	EA		6" x 16" Aluminum Pull Plate Door Hardware (Ives 8302).....	102.55	7.27
			<i>For Stainless Steel, Add</i>	43.34	
			<i>For Brass, Add</i>	55.10	
08 71 11 00-2046	EA		4" x 16" Aluminum Pull Plate Door Hardware (Ives 8302).....	97.33	7.27
			<i>For Stainless Steel, Add</i>	40.26	
			<i>For Brass, Add</i>	51.18	
08 71 11 00-2047			Push Bars And Plates (08 71 11 00-0762)		
08 71 11 00-2048			Push Bars (08 71 11 00-2047)		
08 71 11 00-2049	EA		3/8" x 2-1/2" Bronze Push Bar, Rectangular, With Base Plate.....	296.17	7.27
			Note: Up to 34" wide. All finishes.		
08 71 11 00-2050	EA		3/4" Diameter Stainless Steel Push Bar, Up To 34" Wide.....	252.40	7.27
			<i>For Brass Push Bar, Add</i>	38.86	
08 71 11 00-2051	EA		1" Diameter Stainless Steel Push Bar, Up To 34" Wide.....	261.77	7.27
			<i>For Brass Push Bar, Add</i>	40.49	
08 71 11 00-2052	EA		1-1/4" Diameter Stainless Steel Push Bar, Up To 34" Wide.....	494.45	7.27
			<i>For Brass Push Bar, Add</i>	80.97	
08 71 11 00-2053			Push Plates (08 71 11 00-2047)		
08 71 11 00-2054			Aluminum Push Plates (08 71 11 00-2053)		
08 71 11 00-2055			Clear Anodized Finish, Aluminum Push Plates (08 71 11 00-2054)		
			Note: Ives 8200 Series.		
08 71 11 00-2056	EA		3" x 12", Clear Anodized Finish, Aluminum Push Plate Door Hardware.....	45.66	7.27
08 71 11 00-2057	EA		4" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware.....	45.66	7.27
08 71 11 00-2058	EA		6" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware.....	45.66	7.27
08 71 11 00-2059	EA		8" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware.....	49.85	7.27
08 71 11 00-2060			Stainless Steel Push Plates (08 71 11 00-2053)		
08 71 11 00-2061			Satin Finish, Stainless Steel Push Plates (08 71 11 00-2060)		
			Note: Ives 8200 Series.		
08 71 11 00-2062	EA		3" x 12", Satin Finish, Stainless Steel Push Plate Door Hardware.....	45.66	7.27
08 71 11 00-2063	EA		4" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware.....	48.88	7.27
08 71 11 00-2064	EA		6" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware.....	56.25	7.27
08 71 11 00-2065	EA		8" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware.....	67.14	7.27
08 71 11 00-2066			Brass Push Plates (08 71 11 00-2053)		
08 71 11 00-2067			Bright/Satin Brass Finish, Brass Push Plates (08 71 11 00-2066)		
			Note: Ives 8200 Series.		
08 71 11 00-2068	EA		3" x 12", Bright/Satin Brass Finish, Brass Push Plate Door Hardware.....	55.50	7.27
08 71 11 00-2069	EA		4" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware.....	63.77	7.27
08 71 11 00-2070	EA		6" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware.....	83.70	7.27
08 71 11 00-2071	EA		8" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware.....	96.80	7.27
08 71 11 00-2072			Bright/Satin Chrome Finish, Brass Push Plates (08 71 11 00-2066)		
			Note: Ives 8200 Series.		
08 71 11 00-2073	EA		3" x 12", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware.....	62.12	7.27
08 71 11 00-2074	EA		4" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware.....	68.84	7.27
08 71 11 00-2075	EA		6" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware.....	87.10	7.27
08 71 11 00-2076	EA		8" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware.....	105.10	7.27

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 71 11 00-2077			Satin/Dark Bronze Finish, Brass Push Plates (08 71 11 00-2066) Note: Ives 8200 Series.		
08 71 11 00-2078	EA		3" x 12", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	62.12	7.27
08 71 11 00-2079	EA		4" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	68.84	7.27
08 71 11 00-2080	EA		6" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	90.32	7.27
08 71 11 00-2081	EA		8" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	106.89	7.27
08 71 11 00-2082			Satin Nickel Finish, Brass Push Plates (08 71 11 00-2066) Note: Ives 8200 Series.		
08 71 11 00-2083	EA		3" x 12", Satin Nickel Finish, Brass Push Plate Door Hardware	62.12	7.27
08 71 11 00-2084	EA		4" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware	70.53	7.27
08 71 11 00-2085	EA		6" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware	95.42	7.27
08 71 11 00-2086	EA		8" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware	111.99	7.27
08 71 11 00-2087			Exit Devices (08 71 11)		
08 71 11 00-2088			Push Bar Exit Device, Von Duprin Series 22 (08 71 11 00-2087) Note: Grade 1, BHMA 156.3.		
08 71 11 00-2089	EA		3' Push Bar, Rim Type, Exit Device (Von Duprin Series 22).....	736.15	130.90
			Note: Anodized finish: aluminum or dark brown.		
			<i>For 4' Push Bar, Add</i>	13.87	
08 71 11 00-2090	EA		3' Push Bar, Fire Rated, Rim Type, Exit Device (Von Duprin Series 22-F).....	812.73	130.90
			Note: Anodized finish: aluminum or dark brown.		
			<i>For 4' Push Bar, Add</i>	13.87	
08 71 11 00-2091	EA		3' Push Bar, Surface Vertical Rods, Exit Device (Von Duprin Series 2227).....	1,053.87	157.09
			Note: Anodized finish: aluminum or dark brown.		
			<i>For 4' Push Bar, Add</i>	13.87	
08 71 11 00-2092	EA		3' Push Bar, Fire Rated, Surface Vertical Rods, Exit Device (Von Duprin Series 2227-F).....	1,244.62	145.45
			Note: Anodized finish: aluminum or dark brown.		
			<i>For 4' Push Bar, Add</i>	13.87	
08 71 11 00-2093	EA		Dummy Trim (Von Duprin Series 22, 210DT).....	101.46	21.81
			Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2094	EA		Night Latch Trim With Cylinder (Von Duprin Series 22, 210NL).....	211.68	29.09
			Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2095	EA		Knob Trim With Cylinder (Von Duprin Series 22, 210K).....	391.41	43.64
			Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2096	EA		Lever Trim With Cylinder (Von Duprin Series 22, 230L).....	387.89	43.64
			Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2097	EA		Thumbpiece Trim With Cylinder (Von Duprin Series 22, 230TP).....	387.00	43.64
			Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2098	EA		Blank Escutcheon Knob (Von Duprin Series 22, 210K-BE).....	311.53	43.64
			Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2099	EA		Exit Only Trim Plate (Von Duprin Series 22, 230EO).....	126.03	17.46
			Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2100	EA		Dummy Trim (Von Duprin Series 22, 230DT).....	146.49	21.81
			Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2101	EA		Night Latch Trim With Cylinder (Von Duprin Series 22, 230NL).....	258.48	29.09
			Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2102	EA		Blank Escutcheon Lever (Von Duprin Series 22, 230L-BE).....	308.00	43.64
			Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2103	EA		Blank Escutcheon Thumbpiece (Von Duprin Series 22, 230TP-BE).....	307.11	43.64
			Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2104			Push Bar Exit Device, Narrow Stile, Von Duprin Series 33/35 (08 71 11 00-2087) Note: Grade 1, BHMA 156.3. Series 33 has a ribbed case, Series 35 has a smooth case.		
08 71 11 00-2105	EA		3' Push Bar, Rim Type, Narrow Stile Exit Device (Von Duprin Series 33/35).....	1,641.68	130.90
			Note: Aluminum anodized finish.		
			<i>For 4' Push Bar, Add</i>	13.87	
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	132.36	
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	124.73	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	49.12	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	377.44	
08 71 11 00-2106	EA		3' Push Bar, Surface Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3327/3527).....	2,236.64	157.09
			Note: Aluminum anodized finish.		
			<i>For 4' Push Bar, Add</i>	13.87	
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	186.14	
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	175.41	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	69.07	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	530.78	
08 71 11 00-2107	EA		3' Push Bar, Fire Rated, Surface Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3327-F/3527-F).....	2,280.68	157.09
			Note: Aluminum anodized finish.		
			<i>For 4' Push Bar, Add</i>	13.87	
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	190.65	
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	179.66	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	70.75	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	543.64	
08 71 11 00-2108	EA		3' Push Bar, Concealed Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3347/3547).....	2,316.87	180.36
			Note: Aluminum anodized finish.		
			<i>For 4' Push Bar, Add</i>	13.87	
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	187.80	
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	176.98	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	69.69	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	535.52	

08 Openings

08 70 Hardware

08 71 Door Hardware

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 11 00-2109	EA	3' Push Bar, Fire Rated, Concealed Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3347-F/3547-F).....	2,430.47	180.36
		Note: Aluminum anodized finish.		
		For 4' Push Bar, Add	13.87	
		For DuraNodic Dark Bronze US313 (BHMA 710) Finish, Add	199.43	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	187.94	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	74.01	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	568.69	
08 71 11 00-2110	EA	3' Push Bar, Concealed Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3348/3548)	2,589.29	180.36
		Note: Aluminum anodized finish.		
		For 4' Push Bar, Add	13.87	
		For DuraNodic Dark Bronze US313 (BHMA 710) Finish, Add	215.69	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	203.27	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	80.04	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	615.07	
08 71 11 00-2111	EA	3' Push Bar, Fire Rated, Concealed Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3348-F/3548-F).....	2,702.90	180.36
		Note: Aluminum anodized finish.		
		For 4' Push Bar, Add	13.87	
		For DuraNodic Dark Bronze US313 (BHMA 710) Finish, Add	227.33	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	214.23	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	84.36	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	648.24	
08 71 11 00-2112	EA	Dummy Trim (Von Duprin Series 33/35, DT)	368.86	21.81
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	29.98	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	11.81	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	90.72	
08 71 11 00-2113	EA	Night Latch With Cylinder, Less Pull (Von Duprin Series 33/35, NL-OP).....	409.60	29.09
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	31.67	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	12.47	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	95.82	
08 71 11 00-2114	EA	Night Latch With Cylinder (Von Duprin Series 33/35, NL).....	667.49	29.09
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	56.55	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	22.27	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	171.12	
08 71 11 00-2115	EA	Lever Trim With Cylinder (Von Duprin Series 33/35, 360L).....	681.00	43.64
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	54.49	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	21.46	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	164.87	
08 71 11 00-2116	EA	Blank Escutcheon Lever With Cylinder (Von Duprin Series 33/35, 360L-BE).....	808.34	43.64
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	66.78	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	26.30	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	202.06	
08 71 11 00-2117	EA	Lever Dummy Trim With Cylinder (Von Duprin Series 33/35, 360L-DT).....	792.28	43.64
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	65.23	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	25.68	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	197.37	
08 71 11 00-2118	EA	Thumbturn Trim With Cylinder (Von Duprin Series 33/35, 360T).....	799.78	43.64
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	65.95	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	25.97	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	199.56	

08 71 11 00-2119 Push Bar Exit Device, Von Duprin Series 98/99^(08 71 11 00-2087)

Note: Grade 1, BHMA 156.3. Series 98 has a smooth case, Series 99 has a grooved case.

08 71 11 00-2120	EA	3' Push Bar, Rim Type, Exit Device (Von Duprin Series 98/99).....	1,413.76	130.90
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For DuraNodic Dark Bronze US313 (BHMA 710) Finish, Add	64.94	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	103.27	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	165.02	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	337.50	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	106.47	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	156.51	
		For Standard Baseplate Cylinder Dogging (CD), Add	55.86	
		For Special Center Case Dogging (SD), Add	233.86	
		For Cylinder Dogging Indicator (CI), Add	155.66	
		For Dogging Indicator (DI), Add	143.00	
		For Quiet Electric Latch Retraction (QEL), Add	641.38	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	72.25	
		For Safety Glow Touchpad, Add	260.67	
08 71 11 00-2121	EA	3' Push Bar, Fire Rated, Rim Type, Exit Device (Von Duprin Series 98-F/99-F).....	1,599.99	130.90
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For DuraNodic Dark Bronze US313 (BHMA 710) Finish, Add	76.30	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	121.34	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	193.89	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	396.54	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	125.09	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	183.88	
		For Quiet Electric Latch Retraction (QEL), Add	641.38	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	72.25	
		For Safety Glow Touchpad, Add	260.67	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2122	EA		3' Push Bar, Rim Type, Exit Device (Von Duprin Series XP98/XP99) Note: Clear anodized satin aluminum US28 (BHMA 628) finish. <i>For 4' Push Bar, Add</i> <i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i> <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i> <i>For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add</i> <i>For Satin Stainless Steel, US32D (BHMA 630) Finish, Add</i> <i>For Standard Baseplate Cylinder Dogging (CD), Add</i> <i>For Special Center Case Dogging (SD), Add</i> <i>For Cylinder Dogging Indicator (CI), Add</i> <i>For Dogging Indicator (DI), Add</i> <i>For Quiet Electric Latch Retraction (QEL), Add</i> <i>For Vision Impaired Touchpad, Raised Letters and Braille, Add</i> <i>For Safety Glow Touchpad, Add</i>	1,285.20 13.00 57.10 90.80 145.10 296.75 93.61 137.61 55.86 233.86 155.66 143.00 641.38 72.25 260.67	130.90
08 71 11 00-2123	EA		3' Push Bar, Fire Rated, Rim Type, Exit Device (Von Duprin Series XP98-F/XP99-F) Note: Clear anodized satin aluminum US28 (BHMA 628) finish. <i>For 4' Push Bar, Add</i> <i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i> <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i> <i>For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add</i> <i>For Satin Stainless Steel, US32D (BHMA 630) Finish, Add</i> <i>For Quiet Electric Latch Retraction (QEL), Add</i> <i>For Vision Impaired Touchpad, Raised Letters and Braille, Add</i> <i>For Safety Glow Touchpad, Add</i>	1,428.26 13.00 65.83 104.68 167.27 342.10 107.92 158.64 641.38 72.25 260.67	130.90
08 71 11 00-2124	EA		3' Push Bar, Surface Vertical Rods, Exit Device (Von Duprin Series 9827/9927) Note: Clear anodized satin aluminum US28 (BHMA 628) finish. <i>For 4' Push Bar, Add</i> <i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i> <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i> <i>For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add</i> <i>For Satin Stainless Steel, US32D (BHMA 630) Finish, Add</i> <i>For Standard Baseplate Cylinder Dogging (CD), Add</i> <i>For Special Center Case Dogging (SD), Add</i> <i>For Cylinder Dogging Indicator (CI), Add</i> <i>For Dogging Indicator (DI), Add</i> <i>For Quiet Electric Latch Retraction (QEL), Add</i> <i>For Vision Impaired Touchpad, Raised Letters and Braille, Add</i> <i>For Safety Glow Touchpad, Add</i>	2,008.60 13.00 96.97 154.20 246.40 503.93 158.97 233.69 55.86 233.86 155.66 143.00 641.38 72.25 260.67	157.09
08 71 11 00-2125	EA		3' Push Bar, Fire Rated, Surface Vertical Rods, Exit Device (Von Duprin Series 9827-F/9927-F) Note: Clear anodized satin aluminum US28 (BHMA 628) finish. <i>For 4' Push Bar, Add</i> <i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i> <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i> <i>For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add</i> <i>For Satin Stainless Steel, US32D (BHMA 630) Finish, Add</i> <i>For Quiet Electric Latch Retraction (QEL), Add</i> <i>For Vision Impaired Touchpad, Raised Letters and Braille, Add</i> <i>For Safety Glow Touchpad, Add</i>	2,261.03 13.00 112.37 178.69 285.53 583.96 184.21 270.79 641.38 72.25 260.67	157.09
08 71 11 00-2126	EA		3' Push Bar, Concealed Vertical Rods, Exit Device (Von Duprin Series 9847/9947) Note: Clear anodized satin aluminum US28 (BHMA 628) finish. <i>For 4' Push Bar, Add</i> <i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i> <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i> <i>For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add</i> <i>For Satin Stainless Steel, US32D (BHMA 630) Finish, Add</i> <i>For Standard Baseplate Cylinder Dogging (CD), Add</i> <i>For Special Center Case Dogging (SD), Add</i> <i>For Cylinder Dogging Indicator (CI), Add</i> <i>For Dogging Indicator (DI), Add</i> <i>For Quiet Electric Latch Retraction (QEL), Add</i> <i>For Vision Impaired Touchpad, Raised Letters and Braille, Add</i> <i>For Safety Glow Touchpad, Add</i>	2,114.11 13.00 151.70 158.23 252.84 517.09 163.12 239.79 55.86 233.86 155.66 143.00 641.38 72.25 260.67	180.36
08 71 11 00-2127	EA		3' Push Bar, Fire Rated, Concealed Vertical Rods, Exit Device (Von Duprin Series 9847-F/9947-F) Note: Clear anodized satin aluminum US28 (BHMA 628) finish. <i>For 4' Push Bar, Add</i> <i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i> <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i> <i>For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add</i> <i>For Satin Stainless Steel, US32D (BHMA 630) Finish, Add</i> <i>For Quiet Electric Latch Retraction (QEL), Add</i> <i>For Vision Impaired Touchpad, Raised Letters and Braille, Add</i> <i>For Safety Glow Touchpad, Add</i>	2,372.15 13.00 175.70 183.26 292.83 598.89 188.93 277.72 641.38 72.25 260.67	180.36

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-2128	EA 3' Push Bar, Concealed Vertical Rods, Exit Device (Von Duprin Series 9848/9948).....	2,377.75	180.36
	Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
	For 4' Push Bar, Add	13.00	
	For DuraNodic Dark Bronze US313 (BHMA 710) Finish, Add	176.22	
	For Satin Chrome Plated US26D (BHMA 626) Finish, Add	183.80	
	For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	293.70	
	For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	600.67	
	For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	189.49	
	For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	278.54	
	For Standard Baseplate Cylinder Dogging (CD), Add	55.86	
	For Special Center Case Dogging (SD), Add	233.86	
	For Cylinder Dogging Indicator (CI), Add	155.66	
	For Dogging Indicator (DI), Add	143.00	
	For Quiet Electric Latch Retraction (QEL), Add	641.38	
	For Vision Impaired Touchpad, Raised Letters and Braille, Add	72.25	
	For Safety Glow Touchpad, Add	260.67	
08 71 11 00-2129	EA 3' Push Bar, Fire Rated, Concealed Vertical Rods, Exit Device (Von Duprin Series 9848-F/9948-F).....	2,177.61	180.36
	Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
	For 4' Push Bar, Add	13.00	
	For DuraNodic Dark Bronze US313 (BHMA 710) Finish, Add	157.61	
	For Satin Chrome Plated US26D (BHMA 626) Finish, Add	164.39	
	For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	262.68	
	For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	537.22	
	For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	169.47	
	For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	249.12	
	For Quiet Electric Latch Retraction (QEL), Add	641.38	
	For Vision Impaired Touchpad, Raised Letters and Braille, Add	72.25	
	For Safety Glow Touchpad, Add	260.67	
08 71 11 00-2130	EA 3' Push Bar, Concealed Vertical Rods, Exit Device For Wood Door (Von Duprin Series 9847WDC/9947WDC)	1,914.44	180.36
	Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
	For 4' Push Bar, Add	13.00	
	For DuraNodic Dark Bronze US313 (BHMA 710) Finish, Add	133.13	
	For Satin Chrome Plated US26D (BHMA 626) Finish, Add	138.86	
	For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	221.89	
	For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	453.80	
	For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	143.15	
	For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	210.44	
	For Standard Baseplate Cylinder Dogging (CD), Add	55.86	
	For Special Center Case Dogging (SD), Add	233.86	
	For Cylinder Dogging Indicator (CI), Add	155.66	
	For Dogging Indicator (DI), Add	143.00	
	For Quiet Electric Latch Retraction (QEL), Add	641.38	
	For Vision Impaired Touchpad, Raised Letters and Braille, Add	72.25	
	For Safety Glow Touchpad, Add	260.67	
08 71 11 00-2131	EA 3' Push Bar, Fire Rated, Concealed Vertical Rods, Exit Device For Wood Door (Von Duprin Series 9847WDC-F/9947WDC-F)	2,143.17	180.36
	Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
	For 4' Push Bar, Add	13.00	
	For DuraNodic Dark Bronze US313 (BHMA 710) Finish, Add	154.41	
	For Satin Chrome Plated US26D (BHMA 626) Finish, Add	161.05	
	For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	257.34	
	For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	526.31	
	For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	166.03	
	For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	244.06	
	For Quiet Electric Latch Retraction (QEL), Add	641.38	
	For Vision Impaired Touchpad, Raised Letters and Braille, Add	72.25	
	For Safety Glow Touchpad, Add	260.67	
08 71 11 00-2132	EA 3' Push Bar, Surface Mount, Three Point Latch, Exit Device (Von Duprin Series 9857/9957).....	2,057.09	157.09
	Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
	For 4' Push Bar, Add	13.00	
	For DuraNodic Dark Bronze US313 (BHMA 710) Finish, Add	99.93	
	For Satin Chrome Plated US26D (BHMA 626) Finish, Add	158.90	
	For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	253.92	
	For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	519.31	
	For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	163.82	
	For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	240.81	
	For Standard Baseplate Cylinder Dogging (CD), Add	55.86	
	For Special Center Case Dogging (SD), Add	233.86	
	For Cylinder Dogging Indicator (CI), Add	155.66	
	For Dogging Indicator (DI), Add	143.00	
	For Quiet Electric Latch Retraction (QEL), Add	641.38	
	For Vision Impaired Touchpad, Raised Letters and Braille, Add	72.25	
	For Safety Glow Touchpad, Add	260.67	
08 71 11 00-2133	EA 3' Push Bar, Fire Rated, Surface Mount, Three Point Latch, Exit Device (Von Duprin Series 9857-F/9957-F)	2,188.68	157.09
	Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
	For 4' Push Bar, Add	13.00	
	For DuraNodic Dark Bronze US313 (BHMA 710) Finish, Add	107.96	
	For Satin Chrome Plated US26D (BHMA 626) Finish, Add	171.67	
	For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	274.32	
	For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	561.02	
	For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	176.98	
	For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	260.16	
	For Standard Baseplate Cylinder Dogging (CD), Add	55.86	
	For Special Center Case Dogging (SD), Add	233.86	
	For Cylinder Dogging Indicator (CI), Add	155.66	
	For Dogging Indicator (DI), Add	143.00	
	For Quiet Electric Latch Retraction (QEL), Add	641.38	
	For Vision Impaired Touchpad, Raised Letters and Braille, Add	72.25	
	For Safety Glow Touchpad, Add	260.67	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2134	EA		3' Push Bar, Mortise Lock, Exit Device (Von Duprin Series 9875/9975).....	1,992.40	162.91
			Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
			For 4' Push Bar, Add	13.00	
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	57.57	
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	150.94	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	241.19	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	493.27	
			For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	155.61	
			For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	228.74	
			For Standard Baseplate Cylinder Dogging (CD), Add	55.86	
			For Special Center Case Dogging (SD), Add	233.86	
			For Cylinder Dogging Indicator (CI), Add	155.66	
			For Dogging Indicator (DI), Add	143.00	
			For Quiet Electric Latch Retraction (QEL), Add	641.38	
			For Vision Impaired Touchpad, Raised Letters and Braille, Add	72.25	
			For Safety Glow Touchpad, Add	260.67	
08 71 11 00-2135	EA		3' Push Bar, Fire Rated, Mortise Lock, Exit Device (Von Duprin Series 9875-F/9975-F).....	2,181.99	162.91
			Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
			For 4' Push Bar, Add	13.00	
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	64.59	
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	169.33	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	270.57	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	553.37	
			For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	174.56	
			For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	256.61	
			For Quiet Electric Latch Retraction (QEL), Add	641.38	
			For Vision Impaired Touchpad, Raised Letters and Braille, Add	72.25	
			For Safety Glow Touchpad, Add	260.67	
08 71 11 00-2136	EA		3' Push Bar, Concealed Vertical Cable, Exit Device (Von Duprin Series 9849/9949).....	1,829.66	180.36
			Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
			For 4' Push Bar, Add	13.00	
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	125.25	
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	130.64	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	208.75	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	426.92	
			For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	134.68	
			For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	197.97	
			For Standard Baseplate Cylinder Dogging (CD), Add	55.86	
			For Special Center Case Dogging (SD), Add	233.86	
			For Cylinder Dogging Indicator (CI), Add	155.66	
			For Dogging Indicator (DI), Add	143.00	
			For Quiet Electric Latch Retraction (QEL), Add	641.38	
			For Vision Impaired Touchpad, Raised Letters and Braille, Add	72.25	
			For Safety Glow Touchpad, Add	260.67	
08 71 11 00-2137	EA		3' Push Bar, Fire Rated, Concealed Vertical Cable, Exit Device (Von Duprin Series 9849-F/9949-F).....	1,978.02	180.36
			Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
			For 4' Push Bar, Add	13.00	
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	139.05	
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	145.03	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	231.74	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	473.95	
			For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	149.51	
			For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	219.78	
			For Standard Baseplate Cylinder Dogging (CD), Add	55.86	
			For Special Center Case Dogging (SD), Add	233.86	
			For Cylinder Dogging Indicator (CI), Add	155.66	
			For Dogging Indicator (DI), Add	143.00	
			For Quiet Electric Latch Retraction (QEL), Add	641.38	
			For Vision Impaired Touchpad, Raised Letters and Braille, Add	72.25	
			For Safety Glow Touchpad, Add	260.67	
08 71 11 00-2138	EA		3' Push Bar, Concealed Vertical Cable, Exit Device For Wood Door (Von Duprin Series 9849WDC/9949WDC).....	1,983.32	180.36
			Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
			For 4' Push Bar, Add	13.00	
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	139.54	
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	145.54	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	232.57	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	475.63	
			For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	150.04	
			For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	220.56	
			For Standard Baseplate Cylinder Dogging (CD), Add	55.86	
			For Special Center Case Dogging (SD), Add	233.86	
			For Cylinder Dogging Indicator (CI), Add	155.66	
			For Dogging Indicator (DI), Add	143.00	
			For Quiet Electric Latch Retraction (QEL), Add	641.38	
			For Vision Impaired Touchpad, Raised Letters and Braille, Add	72.25	
			For Safety Glow Touchpad, Add	260.67	

08 Openings

08 70 Hardware

08 71 Door Hardware

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 11 00-2139	EA	3' Push Bar, Fire Rated, Concealed Vertical Cable, Exit Device For Wood Door (Von Duprin Series 9849WDC-F/9949WDC-F)	2,248.25	180.36
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Duralodic Dark Bronze US313 (BHMA 710) Finish, Add	164.18	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	171.24	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	273.63	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	559.62	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	176.54	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	259.51	
		For Standard Baseplate Cylinder Dogging (CD), Add	55.86	
		For Special Center Case Dogging (SD), Add	233.86	
		For Cylinder Dogging Indicator (CI), Add	155.66	
		For Dogging Indicator (DI), Add	143.00	
		For Quiet Electric Latch Retraction (QEL), Add	641.38	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	72.25	
		For Safety Glow Touchpad, Add	260.67	
08 71 11 00-2140	EA	3' Push Bar, Chexit Delayed Egress, Exit Device (Von Duprin Series CX98/CX99)	3,103.12	151.27
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	417.86	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	854.59	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	269.59	
		For Duralodic Dark Bronze US313 (BHMA 710) Finish, Add	100.29	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	112.69	
		For Center Case Dogging (CD-CX), Add	252.47	
		For Quiet Electric Latch Retraction (QEL), Add	641.38	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	72.25	
		For Safety Glow Touchpad, Add	260.67	
08 71 11 00-2141	EA	3' Push Bar, Fire Rated, Chexit Delayed Egress, Exit Device (Von Duprin Series CX98-F/CX99-F)	3,289.36	151.27
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	446.73	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	913.63	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	288.21	
		For Duralodic Dark Bronze US313 (BHMA 710) Finish, Add	107.21	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	120.47	
		For Quiet Electric Latch Retraction (QEL), Add	641.38	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	72.25	
		For Safety Glow Touchpad, Add	260.67	
08 71 11 00-2142	EA	3' Push Bar, Mortise Chexit Delayed Egress, Exit Device (Von Duprin Series CX9875/CX9975)	3,693.42	186.18
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	494.02	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	1,010.36	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	318.73	
		For Duralodic Dark Bronze US313 (BHMA 710) Finish, Add	118.57	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	133.23	
		For Center Case Dogging (CD-CX), Add	252.47	
		For Quiet Electric Latch Retraction (QEL), Add	641.38	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	72.25	
		For Safety Glow Touchpad, Add	260.67	
08 71 11 00-2143	EA	3' Push Bar, Fire Rated, Mortise Chexit Delayed Egress, Exit Device (Von Duprin Series CX9875-F/CX9975-F)	3,883.02	186.18
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	523.41	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	1,070.46	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	337.69	
		For Duralodic Dark Bronze US313 (BHMA 710) Finish, Add	125.62	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	141.15	
		For Quiet Electric Latch Retraction (QEL), Add	641.38	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	72.25	
		For Safety Glow Touchpad, Add	260.67	
08 71 11 00-2144	EA	3' Push Bar, Electric Latch Retraction, Exit Device (Von Duprin Series E98/E99)	2,003.69	151.27
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	247.45	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	506.07	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	159.64	
		For Duralodic Dark Bronze US313 (BHMA 710) Finish, Add	59.39	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	91.64	
		For Standard Baseplate Cylinder Dogging (CD), Add	55.86	
		For Special Center Case Dogging (SD), Add	233.86	
		For Dogging Indicator (DI), Add	143.00	
		For Quiet Electric Latch Retraction (QEL), Add	641.38	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	72.25	
		For Safety Glow Touchpad, Add	260.67	
08 71 11 00-2145	EA	3' Push Bar, Fire Rated, Electric Latch Retraction, Exit Device (Von Duprin Series E98-F/E99-F)	2,189.93	151.27
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	276.31	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	565.11	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	178.27	
		For Duralodic Dark Bronze US313 (BHMA 710) Finish, Add	66.32	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	102.33	
		For Quiet Electric Latch Retraction (QEL), Add	641.38	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	72.25	
		For Safety Glow Touchpad, Add	260.67	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2146	EA		3' Push Bar, Mortise Electric Latch Retraction, Exit Device (Von Duprin Series E9875/E9975).....	2,593.99	186.18
			Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
			For 4' Push Bar, Add	13.00	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	323.61	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	661.84	
			For Satin Bronze, Clear Coated US4 (BHMA 606) Finish, Add	208.78	
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	77.67	
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	119.84	
			For Standard Baseplate Cylinder Dogging (CD), Add	55.86	
			For Special Center Case Dogging (SD), Add	233.86	
			For Dogging Indicator (DI), Add	143.00	
			For Quiet Electric Latch Retraction (QEL), Add	641.38	
			For Vision Impaired Touchpad, Raised Letters and Braille, Add	72.25	
			For Safety Glow Touchpad, Add	260.67	
08 71 11 00-2147	EA		3' Push Bar, Fire Rated, Mortise Electric Latch Retraction, Exit Device (Von Duprin Series E9875-F/E9975-F).....	2,783.57	186.18
			Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
			For 4' Push Bar, Add	13.00	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	353.00	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	721.94	
			For Satin Bronze, Clear Coated US4 (BHMA 606) Finish, Add	227.74	
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	84.72	
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	130.72	
			For Quiet Electric Latch Retraction (QEL), Add	641.38	
			For Vision Impaired Touchpad, Raised Letters and Braille, Add	72.25	
			For Safety Glow Touchpad, Add	260.67	
08 71 11 00-2148	EA		Exit Only Trim Plate (Von Duprin Series 98/99, EO).....	165.76	17.46
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	3.58	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	5.36	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	20.27	
08 71 11 00-2149	EA		Dummy Trim (Von Duprin Series 98/99, 990DT).....	243.62	21.81
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	5.56	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	8.34	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	31.52	
08 71 11 00-2150	EA		Night Latch Pull Trim With 110NL Cylinder (Von Duprin Series 98/99, 990NL).....	360.02	29.09
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	8.36	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	12.54	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	47.36	
08 71 11 00-2151	EA		Night Latch Pull Trim Without Cylinder (Von Duprin Series 98/99, 990NL).....	280.13	29.09
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	5.96	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	8.94	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	33.78	
08 71 11 00-2152	EA		Lever Trim With 110NL Cylinder (Von Duprin Series 98/99, 996L).....	624.84	43.64
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	15.25	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	22.88	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	86.44	
08 71 11 00-2153	EA		Lever Trim Without Cylinder (Von Duprin Series 98/99, 996L).....	544.95	43.64
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	12.86	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	19.29	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	72.86	
08 71 11 00-2154	EA		Blank Escutcheon, Lever (Von Duprin Series 98/99, 996L-BE).....	544.95	43.64
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	12.86	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	19.29	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	72.86	
08 71 11 00-2155	EA		Night Latch, Lever With 110NL Cylinder (Von Duprin Series 98/99, 996L-NL).....	530.23	43.64
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	12.42	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	18.62	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	70.36	
08 71 11 00-2156	EA		Night Latch, Lever Without Cylinder (Von Duprin Series 98/99, 996L-NL).....	450.34	43.64
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	10.02	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	15.03	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	56.78	
08 71 11 00-2157	EA		Lever Dummy Trim (Von Duprin Series 98/99, 996L-DT).....	450.34	43.64
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	10.02	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	15.03	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	56.78	
08 71 11 00-2158	EA		Knob Trim With 110NL Cylinder (Von Duprin Series 98/99, K).....	515.10	43.64
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	11.96	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	17.94	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	67.79	
08 71 11 00-2159	EA		Knob Trim Without Cylinder (Von Duprin Series 98/99, K).....	435.21	43.64
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	9.57	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	14.35	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	54.20	
08 71 11 00-2160	EA		Blank Escutcheon, Knob (Von Duprin Series 98/99, K-BE).....	435.21	43.64
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	9.57	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	14.35	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	54.20	

08 Openings**08 70 Hardware****08 71 Door Hardware**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 11 00-2161	EA	Night Latch, Knob With 110NL Cylinder (Von Duprin Series 98/99, K-NL).....	506.58	43.64
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	11.71	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	17.56	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	66.34	
08 71 11 00-2162	EA	Night Latch, Knob Without Cylinder (Von Duprin Series 98/99, K-NL).....	426.69	43.64
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	9.31	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	13.96	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	52.76	
08 71 11 00-2163	EA	Dummy Trim For Knob Without Cylinder (Von Duprin Series 98/99, K-DT).....	426.69	43.64
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	9.31	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	13.96	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	52.76	
08 71 11 00-2164	EA	Thumbpiece Trim With 110NL Cylinder (Von Duprin Series 98/99, TP).....	460.21	43.64
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	10.32	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	15.47	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	58.45	
08 71 11 00-2165	EA	Thumbpiece Trim Without Cylinder (Von Duprin Series 98/99, TP).....	380.33	43.64
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	7.92	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	11.88	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	44.87	
08 71 11 00-2166	EA	Blank Escutcheon, Thumbpiece (Von Duprin Series 98/99, T-BE).....	380.33	43.64
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	7.92	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	11.88	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	44.87	
08 71 11 00-2167	EA	Push/Pull Hospital Latch Trim With 110NL Cylinder (Von Duprin Series 98/99, HL).....	380.23	43.64
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	7.92	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	11.87	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	44.86	

08 71 11 00-2168 Option And Kits For Series 22, 33, 35, 98 Or 99 (08 71 11 00-2087)

08 71 11 00-2169	EA	Alarm Kit With Switch And 9 Volt Battery Back-up.....	885.54	43.64
08 71 11 00-2170	EA	4 Amperes Output Current, 12-24 Volt DC, Power Supply (Von Duprin PS914).....	732.03	43.64
		For Battery Backup (Includes Board And 2 Batteries), Add	59.40	
		For Fire Alarm Interface, Add	29.70	
		For 2 Relay Panic Device Control Board, Add	68.91	
		For 2 Relay Quiet Electric Latch Panic Device Control Board, Add	80.78	
		For 4 Relay Output Board, Add	66.53	
		For 4 Relay Logic Board, Add	182.47	
		For Fused 8 Zone Distribution Board, Add	23.76	
08 71 11 00-2171	EA	Jamb Mounted Concealed Electric Power Transfer (Von Duprin EPT-10).....	684.23	43.64
08 71 11 00-2172	EA	2 Amperes Output Current, 12/24 Volt DC, Power Supply (Von Duprin PS902).....	381.59	43.64
		For Battery Backup (Includes Board And 2 Batteries), Add	59.40	
		For Fire Alarm Interface, Add	29.70	
		For 2 Relay Quiet Electric Latch Panic Device Control Board, Add	80.78	
		For 4 Relay Output Board, Add	66.53	
		For 4 Relay Logic Board, Add	182.47	
		For Fused 8 Zone Distribution Board, Add	23.76	
08 71 11 00-2173	EA	4 Amperes Output Current, 12/24 Volt DC, Power Supply (Von Duprin PS904).....	616.30	43.64
		For Battery Backup (Includes Board And 2 Batteries), Add	59.40	
		For Fire Alarm Interface, Add	29.70	
		For 2 Relay Quiet Electric Latch Panic Device Control Board, Add	80.78	
		For 4 Relay Output Board, Add	66.53	
		For 4 Relay Logic Board, Add	182.47	
		For Fused 8 Zone Distribution Board, Add	23.76	
08 71 11 00-2174	EA	Request to Exit Push Pad Monitor Switch (RX).....	200.43	29.09
08 71 11 00-2175	EA	EL Conversion Kit, Electric Latch Retraction (Von Duprin).....	957.27	
		Note: For Von Duprin Series 33A/35A/98/99 Exit Device		

08 71 11 00-2176 Removable Verticals, Mullions (Von Duprin) (08 71 11 00-2087)

08 71 11 00-2177	EA	7'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-72).....	522.60	29.09
		Note: For use with Von Duprin Panic rim devices.		
		For Owner Furnished Material, Deduct	-406.24	
08 71 11 00-2178	EA	8'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-82).....	554.39	29.09
		Note: For use with Von Duprin Panic rim devices.		
		For Owner Furnished Material, Deduct	-438.03	
08 71 11 00-2179	EA	10'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-102).....	897.31	29.09
		Note: For use with Von Duprin Panic rim devices.		
		For Owner Furnished Material, Deduct	-780.95	
08 71 11 00-2180	EA	7'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-76).....	884.98	34.91
		Note: For use with Von Duprin Panic rim devices.		
		For Owner Furnished Material, Deduct	-745.35	
08 71 11 00-2181	EA	8'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-86).....	916.77	34.91
		Note: For use with Von Duprin Panic rim devices.		
		For Owner Furnished Material, Deduct	-777.14	
08 71 11 00-2182	EA	10'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-106).....	986.54	34.91
		Note: For use with Von Duprin Panic rim devices.		
		For Owner Furnished Material, Deduct	-846.91	
08 71 11 00-2183	EA	7'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-73).....	915.13	29.09
		Note: For use with Von Duprin Panic rim devices.		
		For Owner Furnished Material, Deduct	-798.77	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2184	EA		8'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-83).....	956.65	29.09
			Note: For use with Von Duprin Panic rim devices.		
			<i>For Owner Furnished Material, Deduct</i>	-840.29	
08 71 11 00-2185	EA		10'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-103).....	1,040.78	29.09
			Note: For use with Von Duprin Panic rim devices.		
			<i>For Owner Furnished Material, Deduct</i>	-924.42	
08 71 11 00-2186	EA		7'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-75).....	1,412.95	34.91
			Note: For use with Von Duprin Panic rim devices.		
			<i>For Owner Furnished Material, Deduct</i>	-1,273.32	
08 71 11 00-2187	EA		8'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-85).....	1,454.47	34.91
			Note: For use with Von Duprin Panic rim devices.		
			<i>For Owner Furnished Material, Deduct</i>	-1,314.84	
08 71 11 00-2188	EA		10'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-105).....	2,758.88	34.91
			Note: For use with Von Duprin Panic rim devices.		
			<i>For Owner Furnished Material, Deduct</i>	-2,619.25	
08 71 11 00-2189	EA		Mullion Stabilizer Set (Von Duprin 154).....	112.78	23.27
			Note: For use with Von Duprin Panic rim devices.		
			<i>For Owner Furnished Material, Deduct</i>	-66.23	
08 71 11 00-2190			Cross Bar Exit Device, Narrow Stile, Von Duprin Series 55 <small>(08 71 11 00-2087)</small>		
			Note: Grade 1, BHMA 156.3.		
08 71 11 00-2191	EA		42" Crossbar Exit Device, Rim Type, Narrow Stile	2,035.85	130.90
			Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 55.		
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	212.53	
			<i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i>	244.58	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	322.17	
			<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	350.85	
08 71 11 00-2192	EA		42" Crossbar Exit Device, Concealed Vertical Rod, Narrow Stile	2,626.24	180.36
			Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547.		
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	270.06	
			<i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i>	310.78	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	409.38	
			<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	445.81	
08 71 11 00-2193	EA		42" Crossbar Exit Device, Concealed Vertical Rod, Narrow Stile, Fire Rated	2,865.56	180.36
			Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547-F.		
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	300.22	
			<i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i>	345.49	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	455.09	
			<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	495.59	
08 71 11 00-2194	EA		42" Crossbar Exit Device, Wood Door Concealed Vertical Rod, Narrow Stile	2,685.40	180.36
			Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547WDC.		
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	277.52	
			<i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i>	319.36	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	420.68	
			<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	458.12	
08 71 11 00-2195	EA		42" Crossbar Exit Device, Wood Door Concealed Vertical Rod, Narrow Stile, Fire Rated	2,917.66	180.36
			Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547WDC-F.		
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	306.78	
			<i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i>	353.04	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	465.04	
			<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	506.43	
08 71 11 00-2196	EA		42" Crossbar Exit Device, Mortise Lock, Narrow Stile	2,045.39	162.91
			Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5575.		
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	202.74	
			<i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i>	233.31	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	307.33	
			<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	334.68	
08 71 11 00-2197	EA		42" Crossbar Exit Device, Mortise Lock, Narrow Stile, Fire Rated.....	2,201.70	162.91
			Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5575-F.		
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	222.43	
			<i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i>	255.98	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	337.18	
			<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	367.19	
08 71 11 00-2198	EA		Dummy Trim (DT) Pull Bracket, Von Duprin Series 55	348.73	21.81
			Note: Anodized finish: dull brass or dull bronze.		
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	36.61	
			<i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i>	42.13	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	55.50	
			<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	60.43	
08 71 11 00-2199	EA		Cylinder Assembly, Von Duprin Series 55	163.58	30.83
			Note: Anodized finish: dull brass or dull bronze.		
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	10.35	
			<i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i>	11.91	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	15.69	
			<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	17.08	
08 71 11 00-2200	EA		Night Latch Pull Trim (NL) With Cylinder, Von Duprin Series 55	579.94	30.83
			Note: Anodized finish: dull brass or dull bronze.		
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	62.81	
			<i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i>	72.28	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	95.21	
			<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	103.69	
08 71 11 00-2201	EA		Thumbturn Trim (376T) With Cylinder, Von Duprin Series 55	625.45	43.64
			Note: Anodized finish: dull brass or dull bronze.		
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	64.15	
			<i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i>	73.82	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	97.24	
			<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	105.89	

08 Openings

08 70 Hardware

08 71 Door Hardware

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 11 00-2202	EA	Thumbturn - Blank Escutcheon (376T-BE), Von Duprin Series 55	517.30	43.64
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	50.52	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	58.14	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	76.58	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	83.40	
08 71 11 00-2203	EA	Lever Trim (371L) With Cylinder, Von Duprin Series 55	625.45	43.64
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	64.15	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	73.82	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	97.24	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	105.89	
08 71 11 00-2204	EA	Lever Trim (575L) With Cylinder, Von Duprin Series 55	719.06	43.64
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	75.94	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	87.39	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	115.12	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	125.36	
08 71 11 00-2205		Cross Bar Exit Device, Von Duprin Series 88 (08 71 11 00-2087)		
		Note: Grade 1, BHMA 156.3.		
08 71 11 00-2206	EA	42" Crossbar, Rim Type, Exit Device	1,305.51	130.90
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	29.65	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	30.61	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	261.10	
08 71 11 00-2207	EA	42" Crossbar, Fire Rated, Rim Type, Exit Device	1,516.58	130.90
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	36.19	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	37.36	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	318.72	
08 71 11 00-2208	EA	42" Crossbar, Surface Vertical Rods, Exit Device	1,685.30	157.09
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8827.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	39.26	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	40.52	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	345.73	
08 71 11 00-2209	EA	42" Crossbar, Fire Rated, Surface Vertical Rods, Exit Device	2,141.86	157.09
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8827-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	53.41	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	55.13	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	470.37	
08 71 11 00-2210	EA	42" Crossbar, Concealed Vertical Rods, Exit Device	1,634.40	180.36
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8847.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	35.70	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	36.85	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	314.36	
08 71 11 00-2211	EA	42" Crossbar, Fire Rated, Concealed Vertical Rods, Exit Device	2,049.56	180.36
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8847-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	48.57	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	50.13	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	427.70	
08 71 11 00-2212	EA	42" Crossbar, Mortise Lock, Exit Device	1,743.36	162.91
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8875.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	40.52	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	41.82	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	356.81	
08 71 11 00-2213	EA	42" Crossbar, Fire Rated, Mortise Lock, Exit Device	1,851.11	162.91
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8875-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	43.86	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	45.27	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	386.23	
08 71 11 00-2214	EA	Dummy Trim (Von Duprin Series 88, DT)	197.72	21.81
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	4.33	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	4.47	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	38.09	
08 71 11 00-2215	EA	Night Latch Pull Trim With Cylinder (Von Duprin Series 88, NL)	308.81	29.09
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	7.05	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	7.28	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	62.07	
08 71 11 00-2216	EA	Thumbturn Trim With Cylinder (Von Duprin Series 88, 376T Or 377T)	545.56	43.64
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	13.31	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	13.73	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	117.17	
08 71 11 00-2217	EA	Lever Trim With Cylinder (Von Duprin Series 88, 373L)	510.23	43.64
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	12.21	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	12.60	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	107.53	
08 71 11 00-2218	EA	Knob Trim With Cylinder (Von Duprin Series 88, K)	384.35	43.64
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	8.31	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	8.58	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	73.16	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 71 11 00-2219	EA		Thumbpiece Trim With Cylinder (Von Duprin Series 88, TP)..... Note: Anodized finish: dull brass or dull bronze. For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add For Bright Stainless Steel US32 (BHMA 629) Finish, Add	384.35 8.31 8.58 73.16	43.64
08 71 11 00-2220			Push Bar Exit Device, Narrow Stile, Adams Rite Series 8800 (08 71 11 00-2087) Note: Grade 1, BHMA 156.3.		
08 71 11 00-2221	EA		30" to 48" Push Bar Exit Device, Rim Type, Narrow Stile..... Note: Adams Rite 8800	1,081.10	130.90
08 71 11 00-2222	EA		Clutch Lever Entry Trim, Adams Rite Model 3081.....	633.75	43.64
08 71 11 00-2223	EA		Clutch Lever Entry Trim, Adams Rite Model 3082 Or 3083.....	548.28	43.64
08 71 11 00-2224	EA		Thumbturn Trim, Adams Rite Model 8066.....	416.75	43.64
08 71 11 00-2225	EA		Mortise Cylinder, Adams Rite Model 4036-01.....	81.48	43.64
08 71 11 00-2226	EA		Rim Cylinder, Adams Rite Model 8736.....	89.75	43.64
08 71 11 00-2227			Push Bar Exit Device, Precision Hardware Apex 2000 Series (08 71 11 00-2087) Note: Grade 1, BHMA 156.3. Anodized Aluminum Finish.		
08 71 11 00-2228	EA		3' Push Bar Exit Device, Rim Type (Precision Hardware 2100 Series)..... For 4' Push Bar, Add For Owner Furnished Material, Deduct	1,998.08 13.87 -1,648.99	130.90
08 71 11 00-2229	EA		3' Push Bar Exit Device, Rim Type, Fire Rated (Precision Hardware 2100 Series)..... For 4' Push Bar, Add For Owner Furnished Material, Deduct	2,111.39 13.87 -1,762.30	130.90
08 71 11 00-2230	EA		3' Push Bar Exit Device, Surface Vertical Rod (Top Only) (Precision Hardware 2200 Series)..... For 4' Push Bar, Add For Owner Furnished Material, Deduct	2,746.28 13.87 -2,327.38	157.09
08 71 11 00-2231	EA		3' Push Bar Exit Device, Surface Vertical Rod (Top Only), Fire Rated (Precision Hardware 2200 Series)..... For 4' Push Bar, Add For Owner Furnished Material, Deduct	2,859.58 13.87 -2,440.68	157.09
08 71 11 00-2232	EA		Exit Only, Cover Plate, Lever/Knob Trim (Precision 4901)..... For Owner Furnished Material, Deduct	243.36 -196.81	17.46
08 71 11 00-2233	EA		Exit Only, Dummy Trim, Lever/Knob Trim (Precision 4902A)..... For Owner Furnished Material, Deduct	656.05 -597.87	21.81
08 71 11 00-2234	EA		Key Retracts Latchbolt, Lever/Knob Trim (Precision 4903A)..... For Owner Furnished Material, Deduct	714.23 -597.87	43.64
08 71 11 00-2235	EA		Key Controls Lever/Knob, Lever/Knob Trim (Precision 4908A)..... For Owner Furnished Material, Deduct	863.33 -746.97	43.64
08 71 11 00-2236	EA		Key Controls Lever, Lever/Knob Trim (Precision V4908A)..... For Owner Furnished Material, Deduct	863.33 -746.97	43.64
08 71 11 00-2237	EA		Lever/Knob Always Active, Lever/Knob Trim (Precision 4914A)..... For Owner Furnished Material, Deduct	863.33 -746.97	43.64
08 71 11 00-2238	EA		Exit Only, Cover Plate, Pull Trim (Precision 1701)..... For Owner Furnished Material, Deduct	177.74 -131.19	17.46
08 71 11 00-2239	EA		Exit Only, Dummy Trim, Pull Trim (Precision 1702A)..... For Owner Furnished Material, Deduct	383.21 -325.03	21.81
08 71 11 00-2240	EA		Key Retracts Latchbolt, Pull Trim (Precision 1703A)..... For Owner Furnished Material, Deduct	406.48 -325.03	29.09
08 71 11 00-2241	EA		Key Controls Thumb Piece, Pull Trim (Precision 1705A)..... For Owner Furnished Material, Deduct	572.58 -456.22	43.64
08 71 11 00-2242	EA		Thumb Piece Always Active, Pull Trim (Precision 1715A)..... For Owner Furnished Material, Deduct	572.58 -456.22	43.64
08 71 11 00-2243			Door Closers (08 71 11) Note: Includes standard cover and arm.		
08 71 11 00-2244	EA		Surface Mounted Standard Duty Door Closer (LCN 1460 Series)..... For Delayed Action, Add For AVB (5 LB Per Push), Add For Fusible Link Arm, Add For Shock Absorbing Arm, Add For Hold Open Arm, Add For Plated Brass Finish, Add For Plated Finish With Clear Coat, Add For Parallel Arm, Add	456.34 12.60 6.60 39.60 19.80 13.80 101.40 127.20 22.40	33.74
08 71 11 00-2245	EA		Surface Mounted Heavy Duty Door Closer (LCN 4010/4020/4110 Series)..... For Delayed Action, Add For AVB (5 LB Per Push), Add For Fusible Link Arm, Add For Shock Absorbing Arm, Add For Hold Open Arm, Add For Plated Brass Finish, Add For Plated Finish With Clear Coat, Add	552.25 12.60 6.60 39.60 19.80 13.80 101.40 127.20	33.74
08 71 11 00-2246	EA		Surface Mounted Heavy Duty Door Closer (LCN 4040XP/4041 Series)..... For Delayed Action, Add For AVB (5 LB Per Push), Add For Fusible Link Arm, Add For Shock Absorbing Arm, Add For Hold Open Arm, Add For Plated Brass Finish, Add For Plated Finish With Clear Coat, Add For Spring Cush Arm, Add For Parallel Arm And PA Shoe, Add For Stainless Steel Finish, Add	567.50 12.60 6.60 39.60 19.80 13.80 101.40 127.20 67.20 22.40 145.00	33.74

08 Openings**08 70 Hardware****08 71 Door Hardware**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 11 00-2247	EA	Surface Mounted High Security Door Closer With Metal Cover (LCN 4510)	586.59	33.74
		<i>For Delayed Action, Add</i>	12.60	
		<i>For AVB (5 LB Per Push), Add</i>	6.60	
		<i>For Fusible Link Arm, Add</i>	39.60	
		<i>For Shock Absorbing Arm, Add</i>	19.80	
		<i>For Hold Open Arm, Add</i>	13.80	
		<i>For Plated Brass Finish, Add</i>	101.40	
		<i>For Plated Finish With Clear Coat, Add</i>	127.20	
08 71 11 00-2248	EA	Surface Mounted Standard Duty Door Closer (Norton 8301).....	384.50	33.74
		<i>For Parallel Arm, Add</i>	22.40	
08 71 11 00-2249	EA	Surface Mounted Standard Duty Door Closer (Norton 8501).....	387.71	33.74
		<i>For Parallel Arm, Add</i>	22.40	
08 71 11 00-2250		Concealed Door Closers <small>(08 71 11)</small>		
08 71 11 00-2251	EA	Non Hold Open, Floor Concealed Door Closer (Rixson 27/28).....	1,289.82	100.07
08 71 11 00-2252	EA	Selective Hold Open, Floor Concealed Door Closer (Rixson 27/27).....	1,379.72	100.07
08 71 11 00-2253	EA	Concealed (In Door) Overhead Door Closer (LCN 3130)	652.51	40.73
		<i>For Hold Open Arm, Add</i>	13.80	
		<i>For Plated Brass Finish, Add</i>	101.40	
		<i>For Plated Finish With Clear Coat, Add</i>	127.20	
08 71 11 00-2254	EA	Concealed (In Frame) Overhead Door Closer (LCN 5010).....	705.10	40.73
		<i>For Delayed Action, Add</i>	12.60	
		<i>For Hold Open Arm, Add</i>	13.80	
		<i>For Plated Brass Finish, Add</i>	101.40	
		<i>For Plated Finish With Clear Coat, Add</i>	127.20	
08 71 11 00-2255		Locks And Latches <small>(08 71 11)</small>		
		Note: All locksets are supplied with knob, lever or thumb piece, set of 3 keys and include a core. Multi purchase locksets can be keyed alike and to an existing master key (when required). The cost for boring hole or preparing mortise is included with the new door.		
08 71 11 00-2256		Locksmith Services <small>(08 71 11 00-2255)</small>		
08 71 11 00-2257	EA	Provide Extra Keys (Above The Three Provided For New Locks) Or Duplicate Keys.....	2.06	
		<i>For >50, Deduct</i>	-0.41	
08 71 11 00-2258	EA	Rekey Existing Cylinder To Match Existing Cylinders Or Master Key.....	139.69	
		<i>For >5, Deduct</i>	-13.97	
08 71 11 00-2259	EA	Removal And Replacement Of Cylinder With Owner Supplied Cylinder.....	139.69	
		<i>For >5, Deduct</i>	-13.97	
08 71 11 00-2260	EA	Removal And Replacement Of Cylinder With New Cylinder	161.62	
		Note: Excludes core.		
		<i>For >5, Deduct</i>	-13.97	
08 71 11 00-2261	EA	Open Locked Doors.....	139.69	
08 71 11 00-2262	EA	Install Owner Furnished Cores And Cylinders	58.58	
08 71 11 00-2263		Mortise Locksets And Latchsets <small>(08 71 11 00-2255)</small>		
		Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.13 Grade 1. Levers or knobs.		
08 71 11 00-2264	EA	Passage/Closet F01 Mortise Latchset	763.25	29.09
		Note: Both sides always unlocked.		
		<i>For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add</i>	21.35	
		<i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i>	19.41	
		<i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i>	32.34	
		<i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i>	228.35	
08 71 11 00-2265	EA	Bath/Bedroom Privacy F02/F19 Mortise Lockset	906.99	29.09
		Note: Locked with thumb knob inside.		
		<i>For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add</i>	26.09	
		<i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i>	23.72	
		<i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i>	39.53	
		<i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i>	279.09	
08 71 11 00-2266	EA	Entrance/Office F04 Mortise Lockset	1,008.65	29.09
		Note: Locked with key outside and thumb knob inside.		
		<i>For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add</i>	29.45	
		<i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i>	26.77	
		<i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i>	44.61	
		<i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i>	314.98	
08 71 11 00-2267	EA	Classroom F05 Mortise Lockset	941.88	29.09
		Note: Locked with key outside. Inside always unlocked.		
		<i>For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add</i>	27.24	
		<i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i>	24.77	
		<i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i>	41.28	
		<i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i>	291.41	
		<i>For Security Function (Double Cylinder) With Visual Indicator, Add</i>	75.97	
08 71 11 00-2268	EA	Storeroom/Closet F07 Mortise Lockset.....	941.88	29.09
		Note: Locked with key outside. Inside always unlocked. Fixed outside handle.		
		<i>For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add</i>	27.24	
		<i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i>	24.77	
		<i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i>	41.28	
		<i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i>	291.41	
08 71 11 00-2269	EA	Entrance F08 Mortise Lockset	1,051.22	29.09
		Note: Locked with key outside and thumb knob inside.		
		<i>For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add</i>	30.85	
		<i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i>	28.05	
		<i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i>	46.74	
		<i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i>	330.01	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 71 11 00-2270	EA		Dormitory/Exit F13 Mortise Lockset Note: Locked with key outside and thumb knob inside. For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel US32D (BHMA 630) Finish, Add	905.99 26.06 23.69 39.48 278.74	29.09
08 71 11 00-2271			Locks And Latches (08 71 11 00-2255)		
08 71 11 00-2272			Preassembled Locks And Latches (08 71 11 00-2271) Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989 Grade 1, with knob handles.		
08 71 11 00-2273	EA		Passage/Closet F36 Pre-Assembled Latchset (Corbin Russwin UT5210) Note: Both sides always unlocked. For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel US32D (BHMA 630) Finish, Add For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add For Grade 2, Deduct	1,565.59 44.35 73.92 521.85 274.97 -575.07	29.09
08 71 11 00-2274	EA		Bath/Bedroom Privacy F37 Pre-Assembled Lockset (Corbin Russwin UT5220) Note: Locked with push button inside. For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel US32D (BHMA 630) Finish, Add For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add For Grade 2, Deduct	1,694.83 48.23 80.38 567.47 299.01 -625.34	29.09
08 71 11 00-2275	EA		Entrance/Office F41 Pre-Assembled Lockset (Corbin Russwin UT5261) Note: Locked with key outside and push button inside. For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel US32D (BHMA 630) Finish, Add For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add For Grade 2, Deduct	1,926.58 55.18 91.97 649.28 342.11 -715.49	29.09
08 71 11 00-2276	EA		Classroom F42 Pre-Assembled Lockset (Corbin Russwin UT5255) Note: Locked with key outside. Inside always unlocked. For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel US32D (BHMA 630) Finish, Add For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add For Grade 2, Deduct	1,926.58 55.18 91.97 649.28 342.11 -715.49	29.09
08 71 11 00-2277	EA		Storeroom/Closet F44 Pre-Assembled Lockset (Corbin Russwin UT5257) Note: Locked with key outside. Inside always unlocked. Fixed outside handle. For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel US32D (BHMA 630) Finish, Add For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add For Grade 2, Deduct	1,926.58 55.18 91.97 649.28 342.11 -715.49	29.09
08 71 11 00-2278			Bored Locks And Latches (08 71 11 00-2271) Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989, Grade 1, 6 pins or 7 pins. Levers or knobs.		
08 71 11 00-2279	EA		Passage/Closet F75 Bored Latchset Note: Both sides always unlocked. For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel US32D (BHMA 630) Finish, Add For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add For Grade 2, Deduct For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add For Interchangeable Core, Add	320.99 6.14 10.23 72.23 38.06 -10.23 4.09 9.45	29.09
08 71 11 00-2280	EA		Bath/Bedroom Privacy F76 Bored Lockset Note: Locked with push button inside. For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel US32D (BHMA 630) Finish, Add For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add For Grade 2, Deduct For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add For Interchangeable Core, Add	369.78 7.60 12.67 89.46 47.14 -12.67 5.07 9.45	29.09
08 71 11 00-2281	EA		Entrance/Office F82 Bored Lockset Note: Locked with key outside and push button inside. For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel US32D (BHMA 630) Finish, Add For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add For Grade 2, Deduct For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add For Interchangeable Core, Add	409.13 8.78 14.64 103.35 54.46 -14.64 5.86 9.45	29.09
08 71 11 00-2282	EA		Classroom F84 Bored Lockset Note: Locked with key outside. Inside always unlocked. For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel US32D (BHMA 630) Finish, Add For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add For Grade 2, Deduct For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add For Interchangeable Core, Add	409.13 8.78 14.64 103.35 54.46 -14.64 5.86 9.45	29.09

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 71 11 00-2283	EA	Storeroom/Closet F86 Bored Lockset.....	409.13	29.09
		Note: Locked with key outside. Inside always unlocked. Fixed outside handle.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	8.78	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	14.64	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	103.35	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	54.46	
		For Grade 2, Deduct	-14.64	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	5.86	
		For Interchangeable Core, Add	9.45	
08 71 11 00-2284	EA	Corridor/Dormitory F90 Bored Lockset.....	409.13	29.09
		Note: Locked with key outside and push button inside.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	8.78	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	14.64	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	103.35	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	54.46	
		For Grade 2, Deduct	-14.64	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	5.86	
		For Interchangeable Core, Add	9.45	
08 71 11 00-2285		Hospital Locksets (08 71 11 00-2271)		
		Note: Satin chrome plated US 26D. (BHMA 626) - BHMA 156.2-1989 Grade 1.		
08 71 11 00-2286	EA	Push/Pull Hospital Latch (Glynn Johnson HL6).....	585.57	29.09
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	109.21	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	109.21	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	74.54	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	65.87	
		For Bright Chrome Plated US26 (BHMA 625) Finish, Add	100.54	
08 71 11 00-2287	EA	Push/Pull With Thumbturn Hospital Latch (Glynn Johnson PL7 / PL8).....	664.15	29.09
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	109.21	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	109.21	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	74.54	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	65.87	
		For Bright Chrome Plated US26 (BHMA 625) Finish, Add	100.54	
08 71 11 00-2288		Other Locks (08 71 11 00-2255)		
		Note: BHMA A156.5.		
08 71 11 00-2289	EA	Steel Exit Lock With Alarm, Single Door Satin Chrome Plated, BHMA E0421.....	998.85	151.27
08 71 11 00-2290	EA	Exit Lock With Alarm At Active Leaf And Vertical Rod - Inactive Leaf Rod For Inactive Leaf (Pair Doors) Steel With Satin Chrome Plating BHMA - E0461.....	2,275.74	302.54
08 71 11 00-2291		Pushbutton Combination Locks (08 71 11 00-2255)		
08 71 11 00-2292		Mechanical Pushbutton Combination Locks (08 71 11 00-2291)		
		Note: Passage option allows access without using the lock entry code and is activated from the inside with a thumbturn or key. Lockout option disables the lock from the inside so that the entry code cannot be used to gain access.		
08 71 11 00-2293		Mechanical Pushbutton Combination Locks (Kaba® Simplex® 1000 Series)		
		(08 71 11 00-2292)		
		Note: Satin chrome or antique brass finish.		
08 71 11 00-2294	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® 1011 Series).....	736.95	73.22
		For Bright Chrome Or Bright Brass Finish, Add	17.50	
		For Schlage Core, Add	45.89	
		For Fire Rated, Add	62.78	
08 71 11 00-2295	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® 1311 Series).....	789.19	73.22
		For Bright Chrome Or Bright Brass Finish, Add	17.50	
		For Schlage Core, Add	45.89	
		For Fire Rated, Add	62.78	
08 71 11 00-2296	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Knob (Kaba® Simplex® 1021 Series).....	810.09	73.22
		For Bright Chrome Or Bright Brass Finish, Add	17.50	
		For Schlage Core, Add	45.89	
		For Fire Rated, Add	62.78	
08 71 11 00-2297	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Knob (Kaba® Simplex® 1041 Series).....	862.34	73.22
		For Bright Chrome Or Bright Brass Finish, Add	17.50	
		For Schlage Core, Add	45.89	
		For Fire Rated, Add	62.78	
08 71 11 00-2298	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® L1011 Series).....	825.76	73.22
		For Bright Chrome Or Bright Brass Finish, Add	17.50	
		For Schlage Core, Add	45.89	
		For Fire Rated, Add	62.78	
08 71 11 00-2299	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® L1031 Series).....	878.01	73.22
		For Bright Chrome Or Bright Brass Finish, Add	17.50	
		For Schlage Core, Add	45.89	
		For Fire Rated, Add	62.78	
08 71 11 00-2300	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® L1021 Series).....	898.91	73.22
		For Bright Chrome Or Bright Brass Finish, Add	17.50	
		For Schlage Core, Add	45.89	
		For Fire Rated, Add	62.78	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2301	EA		Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® L1041 Series).....	951.15	73.22
			<i>For Bright Chrome Or Bright Brass Finish, Add</i>	17.50	
			<i>For Schlage Core, Add</i>	45.89	
			<i>For Fire Rated, Add</i>	62.78	
08 71 11 00-2302			Mechanical Pushbutton Combination Locks (Kaba® Simplex® 5000 Series)		
			<small>(08 71 11 00-2292)</small> Note: ANSI/BHMA Grade 1, Satin chrome finish or black with satin chrome accents.		
08 71 11 00-2303	EA		Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Knob Or Lever (Kaba® Simplex® 5000 Series).....	813.23	73.22
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Schlage Core, Add</i>	45.89	
08 71 11 00-2304	EA		Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Knob Or Lever (Kaba® Simplex® 5000 Series).....	855.02	73.22
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Schlage Core, Add</i>	45.89	
08 71 11 00-2305	EA		Five Button, Mortise Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series).....	938.61	73.22
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Schlage Core, Add</i>	45.89	
08 71 11 00-2306	EA		Five Button, Mortise Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series).....	969.96	73.22
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Schlage Core, Add</i>	45.89	
08 71 11 00-2307	EA		Five Button, Mortise Locking Device With Deadbolt And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series).....	969.96	73.22
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Schlage Core, Add</i>	45.89	
08 71 11 00-2308	EA		Five Button, Exit Trim, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series).....	917.71	73.22
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Schlage Core, Add</i>	45.89	
08 71 11 00-2309			Mechanical Pushbutton Combination Locks (Kaba® Simplex® 8100 Series)		
			<small>(08 71 11 00-2292)</small> Note: Satin chrome or antique brass finish.		
08 71 11 00-2310	EA		Five Button, Mortise Locking Device With Passage And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 8100 Series).....	977.27	73.22
			<i>For Bright Chrome Or Bright Brass Finish, Add</i>	17.50	
			<i>For Schlage Core, Add</i>	45.89	
08 71 11 00-2311	EA		Five Button, Mortise Locking Device With Deadbolt, Passage And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 8100 Series).....	1,008.62	73.22
			<i>For Bright Chrome Or Bright Brass Finish, Add</i>	17.50	
			<i>For Schlage Core, Add</i>	45.89	
08 71 11 00-2312			Mechanical Pushbutton Combination Locks (Kaba® Simplex® LD 450/470)		
			<small>(08 71 11 00-2292)</small> Note: Satin stainless, bright brass or antique brass finish.		
08 71 11 00-2313	EA		Twelve Button, Tubular Latch Locking Device, Light Duty, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® LD 450 Series).....	437.06	73.22
			<i>For Schlage Core, Add</i>	45.89	
08 71 11 00-2314	EA		Twelve Button, Tubular Latch Locking Device With Passage, Light Duty, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® LD 470 Series).....	574.99	73.22
			<i>For Schlage Core, Add</i>	45.89	
08 71 11 00-2315			Electrical Pushbutton Combination Locks <small>(08 71 11 00-2291)</small>		
			Note: Privacy option limits access to privileged users (master codes).		
08 71 11 00-2316			Electrical Pushbutton Combination Locks (Kaba® E-Plex® 2000 Series) <small>(08 71 11 00-2315)</small>		
			Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 100 access codes and 1,000 audit events.		
08 71 11 00-2317	EA		Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series).....	763.07	73.22
			<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2318	EA		Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series).....	888.46	73.22
			<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2319	EA		Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series).....	919.80	73.22
			<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2320	EA		Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series).....	867.56	73.22
			<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2321	EA		Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series).....	815.31	73.22
			<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2322	EA		Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series).....	919.80	73.22
			<i>For Satin Brass Finish, Add</i>	17.50	

08 Openings**08 70 Hardware****08 71 Door Hardware**
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 TOTAL DIRECT DEMOLITION
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08 71 11 00-2323	EA	Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series).....	940.70	73.22
		<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2324	EA	Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series).....	972.05	73.22
		<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2325	EA	Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series).....	919.80	73.22
		<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2326		Narrow Stile Application, Electrical Pushbutton Combination Locks (Kaba® E-Plex® 3000 Series) <small>(08 71 11 00-2315)</small>		
		Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 300 access codes and 9,000 audit events.		
08 71 11 00-2327	EA	Twelve Button, Mortise Locking Device, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3000 Series).....	972.05	73.22
		<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
		<i>For Remote Unlock, Add</i>	99.93	
		Note: Excludes momentary contact switch.		
08 71 11 00-2328	EA	Twelve Button, Mortise Locking Device With Deadbolt, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3000 Series).....	972.05	73.22
		<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
		<i>For Remote Unlock, Add</i>	99.93	
		Note: Excludes momentary contact switch.		
08 71 11 00-2329		Narrow Stile Application, Electrical Pushbutton Combination Locks (Kaba® E-Plex® 3200 Series) <small>(08 71 11 00-2315)</small>		
		Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 3,000 access codes and 30,000 audit events.		
08 71 11 00-2330	EA	Twelve Button, Mortise Locking Device, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3200 Series).....	1,134.01	73.22
		<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
		<i>For Remote Unlock, Add</i>	99.93	
		Note: Excludes momentary contact switch.		
08 71 11 00-2331	EA	Twelve Button, Mortise Locking Device With Deadbolt, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3200 Series).....	1,134.01	73.22
		<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
		<i>For Remote Unlock, Add</i>	99.93	
		Note: Excludes momentary contact switch.		
08 71 11 00-2332		Electrical Pushbutton Combination Locks (Kaba® E-Plex® 5200 Series) <small>(08 71 11 00-2315)</small>		
		Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 3,000 access codes and 30,000 audit events.		
08 71 11 00-2333	EA	Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series).....	1,217.60	73.22
		<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
		<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
		<i>For Remote Unlock, Add</i>	99.93	
		Note: Excludes momentary contact switch.		
08 71 11 00-2334	EA	Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series).....	1,322.09	73.22
		<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
		<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
		<i>For Remote Unlock, Add</i>	99.93	
		Note: Excludes momentary contact switch.		
08 71 11 00-2335	EA	Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series).....	1,342.98	73.22
		<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
		<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
		<i>For Remote Unlock, Add</i>	99.93	
		Note: Excludes momentary contact switch.		
08 71 11 00-2336	EA	Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series).....	1,374.33	73.22
		<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
		<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
		<i>For Remote Unlock, Add</i>	99.93	
		Note: Excludes momentary contact switch.		
08 71 11 00-2337	EA	Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series).....	1,322.09	73.22
		<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
		<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
		<i>For Remote Unlock, Add</i>	99.93	
		Note: Excludes momentary contact switch.		
08 71 11 00-2338		Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5800 Series) <small>(08 71 11 00-2315)</small>		
		Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.		
08 71 11 00-2339	EA	Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series).....	1,713.92	73.22
		<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
		<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
		<i>For Remote Unlock, Add</i>	99.93	
		Note: Excludes momentary contact switch.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2340	EA		Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series).....	1,818.41	73.22
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	99.93	
			<i>Note: Excludes momentary contact switch.</i>		
08 71 11 00-2341	EA		Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series).....	1,839.31	73.22
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	99.93	
			<i>Note: Excludes momentary contact switch.</i>		
08 71 11 00-2342	EA		Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series).....	1,870.65	73.22
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	99.93	
			<i>Note: Excludes momentary contact switch.</i>		
08 71 11 00-2343	EA		Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series).....	1,818.41	73.22
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	99.93	
			<i>Note: Excludes momentary contact switch.</i>		
08 71 11 00-2344			Entry/Egress, Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5886 Series) (08 71 11 00-2315)		
			Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.		
08 71 11 00-2345	EA		Twelve Button, Mortise Locking Device, Entry/Egress, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5886 Series).....	2,424.45	73.22
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	35.00	
08 71 11 00-2346			Stand Alone Access Controller, Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5870 Series) (08 71 11 00-2315)		
			Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.		
08 71 11 00-2347	EA		Twelve Button, Stand Alone Access Controller, Electrical Pushbutton Combination Lock/Card Reader (Kaba® E-Plex® 5870 Series).....	1,531.06	73.22
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
08 71 11 00-2348			Electrical Pushbutton Combination Lock Accessories (Kaba® E-Plex®) (08 71 11 00-2315)		
08 71 11 00-2349	EA		Standard Software Implementation Kit (Kaba® E-Plex®).....	756.73	
08 71 11 00-2350	EA		Enterprise Software Implementation Kit (Kaba® E-Plex®).....	965.71	
08 71 11 00-2351	EA		E-Plex General FIPS Software Implementation Kit (Kaba® E-Plex®).....	1,279.18	
08 71 11 00-2352	EA		USB FIPS/DESFire Card Reader/Enroller (Kaba® E-Plex®).....	383.59	
08 71 11 00-2353	EA		High Capacity Battery Kit (Kaba® E-Plex® E5x00 Series).....	117.05	
			Note: Includes 4 C-cell battery pack.		
08 71 11 00-2354	EA		12-24 Volt DC Power Interface Kit (Kaba® E-Plex® E5x00 Series).....	138.99	
08 71 11 00-2355			Self-Powered, Electrical Pushbutton Combination Locks (Kaba® PowerPlex® 2000 Series) (08 71 11 00-2315)		
			Note: ANSI/BHMA Grade 1. Satin chrome finish.		
08 71 11 00-2356	EA		Twelve Button, Cylindrical Locking Device, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series).....	945.93	73.22
			<i>For Satin Brass Finish, Add</i>	17.50	
			<i>For Owner Furnished Material, Deduct</i>	-653.06	
08 71 11 00-2357	EA		Twelve Button, Mortise Locking Device, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series).....	1,071.31	73.22
			<i>For Satin Brass Finish, Add</i>	17.50	
			<i>For Owner Furnished Material, Deduct</i>	-778.44	
08 71 11 00-2358	EA		Twelve Button, Mortise Locking Device With Deadbolt, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series).....	1,102.66	73.22
			<i>For Satin Brass Finish, Add</i>	17.50	
			<i>For Owner Furnished Material, Deduct</i>	-809.79	
08 71 11 00-2359	EA		Twelve Button, Exit Trim, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series).....	1,050.42	73.22
			<i>For Satin Brass Finish, Add</i>	17.50	
			<i>For Owner Furnished Material, Deduct</i>	-757.55	
08 71 11 00-2360	EA		Twelve Button, Cylindrical Locking Device, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series).....	998.17	73.22
			<i>For Satin Brass Finish, Add</i>	17.50	
			<i>For Owner Furnished Material, Deduct</i>	-705.30	
08 71 11 00-2361	EA		Twelve Button, Cylindrical Locking Device With Privacy, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series).....	1,102.66	73.22
			<i>For Satin Brass Finish, Add</i>	17.50	
			<i>For Owner Furnished Material, Deduct</i>	-809.79	
08 71 11 00-2362	EA		Twelve Button, Mortise Locking Device, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series).....	1,123.56	73.22
			<i>For Satin Brass Finish, Add</i>	17.50	
			<i>For Owner Furnished Material, Deduct</i>	-830.69	

08 Openings**08 70 Hardware****08 71 Door Hardware**
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 UNIT COST UNIT COST

08 71 11 00-2363	EA	Twelve Button, Mortise Locking Device With Deadbolt, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	1,154.90	73.22
		<i>For Satin Brass Finish, Add</i>	17.50	
		<i>For Owner Furnished Material, Deduct</i>	-862.03	
08 71 11 00-2364	EA	Twelve Button, Exit Trim, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	1,102.66	73.22
		<i>For Satin Brass Finish, Add</i>	17.50	
		<i>For Owner Furnished Material, Deduct</i>	-809.79	
08 71 11 00-2365		Electrical Pushbutton Combination Locks (Schlage) <small>(08 71 11 00-2315)</small>		
		Note: ANSI/BHMA Grade 1. Satin chrome finish.		
08 71 11 00-2366	EA	Class 100, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO100CY70KP626BD-D)	999.95	72.73
		<i>For Owner Furnished Material, Deduct</i>	-709.05	
08 71 11 00-2367	EA	Class 200, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO200CY70KP-D)	1,159.12	72.73
		<i>For Owner Furnished Material, Deduct</i>	-868.22	
08 71 11 00-2368	EA	Class 200, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO200CY70MSK626)	1,309.00	72.73
		<i>For Owner Furnished Material, Deduct</i>	-1,018.10	
08 71 11 00-2369	EA	Class 200, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage AD200CY70KP626)	1,712.10	72.73
		<i>For Owner Furnished Material, Deduct</i>	-1,421.20	
08 71 11 00-2370	EA	Class 200, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Standalone Electronic Lock (Schlage AD200CY70MSK626)	1,872.31	72.73
		<i>For Owner Furnished Material, Deduct</i>	-1,581.41	
08 71 11 00-2371	EA	Class 400, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Networked Wireless Electronic Lock (Schlage AD400CY70MSKSPA626)	2,060.42	72.73
		<i>For Owner Furnished Material, Deduct</i>	-1,769.52	
08 71 11 00-2372	EA	Class 300, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Networked Wireless Electronic Lock (Schlage AD300CY70MSKSPA626)	1,892.98	72.73
		<i>For Owner Furnished Material, Deduct</i>	-1,602.08	
08 71 11 00-2373		Residential Locks And Latchsets <small>(08 71 11 00-2255)</small>		
08 71 11 00-2374	EA	Residential Entry Lockset With Knobs (Master Keyed)	85.82	17.58
08 71 11 00-2375	EA	Residential Privacy Lockset With Knobs	84.07	17.58
08 71 11 00-2376	EA	Residential Passage Lockset With Knobs	83.84	17.58
08 71 11 00-2377	EA	Residential Dummy Lockset With Knobs	66.62	14.64
08 71 11 00-2378	EA	Residential Entry Lockset With Levers (Master Keyed)	97.89	17.58
08 71 11 00-2379	EA	Residential Privacy Lockset With Levers	93.88	17.58
08 71 11 00-2380	EA	Residential Passage Lockset With Levers	90.98	17.58
08 71 11 00-2381	EA	Residential Dummy Lockset With Levers	68.00	14.64
08 71 11 00-2382	EA	Screen Door - Closer	55.55	12.65
08 71 11 00-2383	EA	Screen Door - Locking Handle	61.16	18.16
08 71 11 00-2384		Deadbolts <small>(08 71 11 00-2255)</small>		
08 71 11 00-2385		Cylindrical Deadbolts, Grade 1, ANSI 156.5 <small>(08 71 11 00-2384)</small>		
		Note: 2-3/8" or 2-3/4" backset.		
08 71 11 00-2386	EA	Single Cylinder Deadbolt, Key One Side, Knob One Side	205.04	29.09
		Note: Cylindrical, ANSI Grade 1, interchangeable core, bright brass or satin chromium finish.		
		<i>For Bright Chromium Or Oiled Rubbed Bronze Finish, Add</i>	4.20	
08 71 11 00-2387	EA	Double Cylinder Deadbolt, Key Both Sides	234.68	29.09
		Note: Cylindrical, ANSI Grade 1, interchangeable core, bright brass or satin chromium finish.		
		<i>For Bright Chromium Or Oiled Rubbed Bronze Finish, Add</i>	4.20	
08 71 11 00-2388		Cylindrical Deadbolts, Grade 2, ANSI 156.5 <small>(08 71 11 00-2384)</small>		
		Note: 2-3/8" or 2-3/4" backset.		
08 71 11 00-2389	EA	Single Cylinder Deadbolt, Key One Side, Knob One Side	184.74	29.09
		Note: Cylindrical, ANSI Grade 2, interchangeable core, bright brass or satin chromium finish.		
		<i>For Bright Chromium Or Oiled Rubbed Bronze Finish, Add</i>	4.20	
08 71 11 00-2390	EA	Double Cylinder Deadbolt, Key Both Sides	217.12	29.09
		Note: Cylindrical, ANSI Grade 2, interchangeable core, bright brass or satin chromium finish.		
		<i>For Bright Chromium Or Oiled Rubbed Bronze Finish, Add</i>	4.20	
08 71 11 00-2391		Small Case Mortised Deadbolts, Grade 1, ANSI 156.5 <small>(08 71 11 00-2384)</small>		
		Note: Interchangeable cores with small case size, 4-1/2" x 3-1/2" nominal.		
08 71 11 00-2392	EA	Small Case Mortised Deadbolt, Key One Side, Knob One Side	265.63	29.09
		Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal).		
08 71 11 00-2393	EA	Small Case Mortised Deadbolt, Key Both Sides	293.07	29.09
		Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal). Also used for Classroom version.		
08 71 11 00-2394	EA	Small Case Mortised Deadbolt, Key One Side, Cover Plate One Side	260.14	29.09
		Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal).		
08 71 11 00-2395		Mortised Deadbolts, Grade 1, ANSI 156.5 <small>(08 71 11 00-2384)</small>		
		Note: Interchangeable cores with standard case size, 4-1/2" x 6" nominal.		
08 71 11 00-2396	EA	Mortised Deadbolt, Key One Side, Knob One Side	340.27	29.09
		Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal).		
08 71 11 00-2397	EA	Mortised Deadbolt, Key Both Sides	385.27	29.09
		Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal). Also used for Classroom version.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 71 11 00-2398	EA		Mortised Deadbolt, Key One Side, Cover Plate One Side Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal).	301.85	29.09
08 71 11 00-2399			Surface Mounted Deadbolts (08 71 11 00-2384)		
08 71 11 00-2400	EA		Single Cylinder Surface Mounted Deadbolt Note: Key one side, knob one side, bright brass finish.	140.52	29.09
			<i>For Brushed Chrome Finish, Add</i>	10.50	
08 71 11 00-2401	EA		Double Cylinder Surface Mounted Deadbolt Note: Key both sides, bright brass finish.	160.35	29.09
			<i>For Brushed Chrome Finish, Add</i>	10.50	
08 71 11 00-2402	EA		Single Cylinder Surface Mounted Interlocking Deadbolt Note: Jimmy proof, key one side, knob one side, bright brass finish.	176.12	29.09
			<i>For Brushed Chrome Finish, Add</i>	10.50	
08 71 11 00-2403	EA		Double Cylinder Surface Mounted Interlocking Deadbolt Note: Jimmy proof, key both sides, bright brass finish.	195.95	29.09
			<i>For Brushed Chrome Finish, Add</i>	10.50	
08 71 11 00-2404			Surface Mounted Deadlatches (08 71 11 00-2255)		
08 71 11 00-2405	EA		Single Cylinder Surface Mounted Deadlatch Note: Key one side, knob one side, bright brass finish.	142.08	29.09
			<i>For Brushed Chrome Finish, Add</i>	10.50	
08 71 11 00-2406	EA		Single Cylinder Surface Mounted Interlocking Deadlatch Note: Jimmy proof, key one side, knob one side, bright brass finish.	176.20	29.09
			<i>For Brushed Chrome Finish, Add</i>	10.50	
08 71 11 00-2407			Electric Strikes (08 71 11 00-2255)		
08 71 11 00-2408	EA		12/24 Volt DC, Fail Safe/Fail Secure, Aluminum/Steel Body Electric Strike (Von Duprin 5100)	363.39	58.18
08 71 11 00-2409	EA		12/24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6111)..... Note: For rim mounted lock	1,072.08	58.18
08 71 11 00-2410	EA		12/24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6112)..... Note: For rim mounted lock	1,024.13	58.18
08 71 11 00-2411	EA		24 Volt DC, Fail Secure, Stainless Steel Body Electric Strike (Von Duprin 6211)..... Note: For mortise or cylindrical locks	788.50	58.18
08 71 11 00-2412	EA		24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6212)..... Note: For mortise or cylindrical locks	1,077.19	58.18
08 71 11 00-2413	EA		24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6213)..... Note: For mortise or cylindrical locks	1,056.39	58.18
08 71 11 00-2414	EA		24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6214)..... Note: For mortise or cylindrical locks	1,152.39	58.18
08 71 11 00-2415	EA		24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6215)..... Note: For mortise or cylindrical locks	1,072.95	58.18
08 71 11 00-2416	EA		12/24 Volt DC, 3,070 LB Static Strength, Stainless Steel Body, Dual Voltage Electric Strike (HES 1006).....	659.66	58.18
08 71 11 00-2417	EA		12/24 Volt DC, 3,000 LB Static Strength, Stainless Steel Body, Fire Rated Electric Strike (HES 4500).....	655.75	58.18
08 71 11 00-2418	EA		12/24 Volt DC, 1,500 LB Static Strength, Steel Body, Low Profile Electric Strike (HES 5000)	319.89	58.18
08 71 11 00-2419	EA		12/24 Volt DC, 1,500 LB Static Strength, Steel Body, Adjustable Electric Strike (HES 5200)	319.89	58.18
08 71 11 00-2420	EA		12/24 Volt DC, 1,500 LB Static Strength, Cylindrical Or Rim Exit Device, Stainless Steel Body, Electric Strike With Preload (HES 7000)	411.11	58.18
08 71 11 00-2421	EA		12/24 Volt DC, 1,500 LB Static Strength, Stainless Steel Body, Cylindrical Lock Electric Strike (HES 7500)	733.76	58.18
08 71 11 00-2422	EA		12/24 Volt DC, 1,500 LB Static Strength, Stainless Steel Body, Compact Concealed Electric Strike (HES 8000).....	362.14	58.18
08 71 11 00-2423	EA		12/24 Volt DC, 1,500 LB Static Strength, Stainless Steel Body, Fire Rated Compact Concealed Electric Strike (HES 8300).....	674.17	58.18
08 71 11 00-2424	EA		12/24 Volt DC, 1,500 LB Static Strength, Stainless Steel Body, Fire Rated Concealed Electric Strike (HES 8500).....	595.52	58.18
08 71 11 00-2425	EA		12/24 Volt DC, 1,500 LB Static Strength, Stainless Steel Body, Slim Line Surface Mounted Electric Strike (HES 9400)	706.99	76.80
08 71 11 00-2426	EA		12/24 Volt DC, 1,500 LB Static Strength, Rim Exit Device, Stainless Steel Body, Fire Rated Surface Mounted Electric Strike (HES 9500).....	805.08	76.80
08 71 11 00-2427	EA		12/24 Volt DC, 1,500 LB Static Strength, Rim Exit Device, Stainless Steel Body, Surface Mounted Electric Strike (HES 9600).....	707.51	76.80
08 71 11 00-2428			Electric Hardware (08 71 11 00-2255)		
08 71 11 00-2429	EA		Electrified Cylindrical Lock Option Note: Excludes the lock. This task is used in conjunction with other locks in the CTC to electrify the lock.	199.31	
08 71 11 00-2430	EA		Electrified Mortise Lock Option Note: Excludes the lock. This task is used in conjunction with other locks in the CTC to electrify the lock.	232.10	
08 71 11 00-2431	EA		24" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	120.14	29.09
08 71 11 00-2432	EA		1 Ampere At 12/24 Volt DC, Door Hardware Power Supply	386.64	29.09
08 71 11 00-2433	EA		3 Amperes At 12 Volt DC, 2 Amperes At 24 Volt DC, Door Hardware Power Supply.....	677.58	29.09
08 71 11 00-2434	EA		4-1/2 Amperes At 12 Volt DC, 3 Amperes At 24 Volt DC, Door Hardware Power Supply	1,042.63	29.09
08 71 11 00-2435	EA		6 Amperes At 12 Volt DC, 4 Amperes At 24 Volt DC, Door Hardware Power Supply.....	1,152.52	29.09
08 71 11 00-2436	EA		9 Amperes At 12 Volt DC, 6 Amperes At 24 Volt DC, Door Hardware Power Supply.....	1,377.88	29.09
08 71 11 00-2437	EA		15 Amperes At 12 Volt DC, 10 Amperes At 24 Volt DC, Door Hardware Power Supply.....	1,673.09	29.09
08 71 11 00-2438	EA		18" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	101.05	29.09
08 71 11 00-2439	EA		24" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	103.30	29.09
08 71 11 00-2440	EA		30" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	117.11	29.09
08 71 11 00-2441	EA		45" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	119.85	29.09
08 71 11 00-2442	EA		60" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	121.25	29.09
08 71 11 00-2443	EA		72" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	129.17	29.09
08 71 11 00-2444	EA		12" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	102.48	29.09
08 71 11 00-2445	EA		18" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	113.55	29.09
08 71 11 00-2446	EA		36" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	122.32	29.09
08 71 11 00-2447	EA		49" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	137.47	29.09
08 71 11 00-2448	EA		60" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	141.68	29.09
08 71 11 00-2449	EA		12" Long, 1/2" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	116.32	29.09

08 Openings**08 70 Hardware****08 71 Door Hardware**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 11 00-2450	EA	18" Long, 1/2" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	131.82	29.09
08 71 11 00-2451	EA	18" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	79.49	29.09
08 71 11 00-2452	EA	24" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	91.48	29.09
08 71 11 00-2453	EA	30" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	97.83	29.09
08 71 11 00-2454	EA	36" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	104.61	29.09
08 71 11 00-2455	EA	60" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	139.94	29.09
08 71 11 00-2456	EA	72" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	154.69	29.09
08 71 11 00-2457	EA	12" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	84.39	29.09
08 71 11 00-2458	EA	18" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	89.02	29.09
08 71 11 00-2459	EA	24" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	102.79	29.09
08 71 11 00-2460	EA	36" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	124.70	29.09
08 71 11 00-2461	EA	48" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	144.30	29.09
08 71 11 00-2462	EA	60" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	176.49	29.09
08 71 11 00-2463	EA	12" Long, 1/2" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	92.10	29.09
08 71 11 00-2464	EA	18" Long, 1/2" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	99.19	29.09
08 71 11 00-2465	EA	Two 18 Gauge Wire, Door Frame To Edge Of Door Electrical Power Transfer	713.28	29.09
08 71 11 00-2466	EA	Ten 24 Gauge Wire, Door Frame To Edge Of Door Electrical Power Transfer	775.19	40.73
08 71 11 00-2467	EA	Electrified Lock; Schlage L9080	1,341.78	

Note: Excludes the lock. This task is used in conjunction with other locks in the CTC to electrify the lock.

08 71 11 00-2468 Magnetic Locks (08 71 11 00-2255)

08 71 11 00-2469	EA	Electromagnetic Lock, 500 lb. Holding Force, Stainless Steel (Schlage 40)	820.18	139.63
08 71 11 00-2470	EA	Electromagnetic Lock, 500 lb. Holding Force, Stainless Steel (Schlage 40TJ)	986.95	157.09
08 71 11 00-2471	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Stainless Steel (Schlage 70)	965.80	139.63
08 71 11 00-2472	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Stainless Steel (Schlage 70TJ)	1,132.27	157.09
08 71 11 00-2473	EA	Electromagnetic Lock, 500 lb. Holding Force, Aluminum (Schlage M420)	1,009.40	151.27
08 71 11 00-2474	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Aluminum (Schlage M450)	1,109.27	151.27
08 71 11 00-2475	EA	Electromagnetic Lock, 1500 lb. Holding Force, Aluminum (Schlage M490P)	1,187.01	151.27
08 71 11 00-2476	EA	Electromagnetic Lock, 500 lb. Holding Force, Aluminum (Schlage M420P)	1,301.74	174.54
Note: Includes magnetic bond sensor, door position switch and relock time delay.				
08 71 11 00-2477	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Aluminum (Schlage M450P)	1,434.50	174.54
Note: Includes magnetic bond sensor, door position switch and relock time delay.				
08 71 11 00-2478	EA	Electromagnetic Lock, 1500 lb. Holding Force, Aluminum (Schlage M490P)	1,494.30	174.54
Note: Includes magnetic bond sensor, door position switch and relock time delay.				
08 71 11 00-2479	EA	2 Amperes Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS902)	446.02	58.18
08 71 11 00-2480	EA	4 Amperes Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS904)	744.28	58.18
08 71 11 00-2481	EA	6 Amperes Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS906)	899.29	58.18

08 71 11 00-2482 Interchangeable Core (08 71 11 00-2255)

08 71 11 00-2483	EA	Interchangeable Core; Primus D Series	259.90	29.09
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08 71 11 00-2484 Occupancy Indicator Locks (08 71 11 00-2255)

08 71 11 00-2485	EA	Occupancy Indicator Deadbolt With Thumbturn (Schlage B571)	143.33	29.08
Note: Standard finish is satin chrome				
<i>For Bright Brass Finish, Add</i>				
			4.91	
<i>For Oil Rubbed Bronze Finish, Add</i>				
			13.13	
<i>For Aged Bronze Finish, Add</i>				
			4.91	
<i>For Satin Nickel Finish, Add</i>				
			4.91	
08 71 11 00-2486	EA	Occupancy Indicator Lock And Lever (Vizilok C3F)	212.63	29.08
Note: Included finishes are satin chrome, satin nickel, & polished chrome. Lever on both sides				
<i>For Oil Rubbed Bronze Finish, Add</i>				
			5.33	

08 71 11 00-2487 Door Coordinators (08 71 11)

08 71 11 00-2488	EA	32" Satin Chrome Finish, Door Coordinator (Ives COR 32" Series)	505.26	36.36
Note: Satin chrome finish. Includes two mounting brackets.				
<i>For Anodized Aluminum Finish, Deduct</i>				
			-143.92	
08 71 11 00-2489	EA	42" Satin Chrome Finish, Door Coordinator (Ives COR 42" Series)	530.73	37.82
Note: Satin chrome finish. Includes two mounting brackets.				
<i>For Anodized Aluminum Finish, Deduct</i>				
			-151.78	
08 71 11 00-2490	EA	52" Satin Chrome Finish, Door Coordinator (Ives COR 52" Series)	543.18	39.27
Note: Satin chrome finish. Includes two mounting brackets.				
<i>For Anodized Aluminum Finish, Deduct</i>				
			-154.44	
08 71 11 00-2491	EA	60" Satin Chrome Finish, Door Coordinator (Ives COR 60" Series)	566.90	40.73
Note: Satin chrome finish. Includes two mounting brackets.				
<i>For Anodized Aluminum Finish, Deduct</i>				
			-161.60	
08 71 11 00-2492	EA	72" Satin Chrome Finish, Door Coordinator (Ives COR 72" Series)	608.24	42.18
Note: Satin chrome finish. Includes two mounting brackets.				
<i>For Anodized Aluminum Finish, Deduct</i>				
			-175.81	
08 71 11 00-2493	EA	Up To 20", Satin Chrome Finish, Filler Bar For Door Coordinator (Ives FL 20")	118.00	11.64
<i>For Anodized Aluminum Finish, Deduct</i>				
			-28.58	
08 71 11 00-2494	EA	Up To 32", Satin Chrome Finish, Filler Bar For Door Coordinator (Ives FL 32")	129.88	13.09
<i>For Anodized Aluminum Finish, Deduct</i>				
			-31.00	
08 71 11 00-2495	EA	Up To 44", Satin Chrome Finish, Filler Bar For Door Coordinator (Ives FL 44")	149.37	14.55
<i>For Anodized Aluminum Finish, Deduct</i>				
			-36.48	
08 71 11 00-2496	EA	Satin Chrome Finish, Carry Bar For Door Coordinator (Ives CB1)	108.97	14.55
08 71 11 00-2497	EA	7" Projection COR Series Gravity Type Door Coordinator	160.96	21.81
<i>For Anodized Aluminum Finish, Deduct</i>				
			-29.48	
08 71 11 00-2498	EA	9" Projection COR Series Gravity Type Door Coordinator	172.75	21.81
<i>For Anodized Aluminum Finish, Deduct</i>				
			-34.19	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION	UNIT COST	UNIT COST		

08 71 11 00-2499 Removal And Reinstallation Of Door Hardware <small>(08 71 11)</small>									
Note: Includes storage and cleaning. Excludes removal of door where required. See CSI section 08 05 13 00-0050 for removal and reinstallation of door.									
08 71 11 00-2500	EA		Removal And Reinstallation Of Door Lockset, Entrance.....	87.28					
08 71 11 00-2501	EA		Removal And Reinstallation Of Door Lockset, Mortise	139.63					
08 71 11 00-2502	EA		Removal And Reinstallation Of Deadbolt Lock	93.09					
08 71 11 00-2503	PR		Removal And Reinstallation Of Butts/Hinges.....	23.27					
08 71 11 00-2504	EA		Removal And Reinstallation Of Door Bumper.....	8.14					
08 71 11 00-2505	EA		Removal And Reinstallation Of Surface Mounted Panic Device.....	232.73					
08 71 11 00-2506	EA		Removal And Reinstallation Of Kick Plate	29.09					
08 71 11 00-2507	EA		Removal And Reinstallation Of Push Plate.....	23.27					
08 71 11 00-2508	EA		Removal And Reinstallation Of Surface Mounted Door Closer Or Holder	116.36					
08 71 11 00-2509	EA		Removal And Reinstallation Of Door Handles.....	17.46					
08 71 11 00-2510 Electromagnetic Door Release <small>(08 71 11)</small>									
08 71 11 00-2511	EA		120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Wall Mount, Surface Wiring, Electro-Magnetic Door Release	593.79				73.30	
08 71 11 00-2512	EA		120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Wall Mount, Recessed Wiring, Electro-Magnetic Door Release.....	579.13				73.30	
08 71 11 00-2513	EA		120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Adjustable, Wall Mount, Recessed Wiring, Electro-Magnetic Door Release	652.99				73.30	
08 71 11 00-2514	EA		24 Volt AC/DC, High Hold, Wall Mount, Surface Or Recessed Wiring, Electro-Magnetic Door Release	1,088.95				73.30	
08 71 11 00-2515	EA		24 Volt DC, Sliding Door, Electro-Magnetic Door Release	1,050.07				73.30	
08 71 11 00-2516	EA		120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Overhead Door, Electro-Magnetic Door Release	1,050.07				73.30	
08 71 11 00-2517	EA		120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Floor Mount, Single Door, Electro-Magnetic Door Release.....	954.99				73.30	
08 71 11 00-2518	EA		120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Floor Mount, Back-to-Back Door, Electro-Magnetic Door Release	1,195.39				73.30	
08 71 11 00-2519	EA		Photo Electric Smoke Detector Suitable For Door Holder Release	1,135.94				73.30	
08 71 11 00-2520	EA		Ionization Type Smoke Detector Suitable For Door Holder Release	1,406.57				73.30	
08 71 11 00-2521	EA		Surface Wall Mount, Electromagnetic Door Holder (Sargent 1560).....	666.88				73.30	
Note: 120 volt AC, 24 volt AC/DC, 12 volt DC									
08 71 11 00-2522	EA		Flush Mount, Electromagnetic Door Holder (Sargent 1561)	655.53				73.30	
Note: 120 volt AC, 24 volt AC/DC, 12 volt DC									
08 71 11 00-2523	EA		Floor Mount, Electromagnetic Door Holder (LCN SEM7820)	1,010.58				73.30	
Note: 120 volt AC, 24 volt AC/DC, 12 volt DC									
08 71 11 00-2524	EA		Surface Wall Mount, Electromagnetic Door Holder (LCN SEM7830)	703.19				73.30	
Note: 120 volt AC, 24 volt AC/DC, 12 volt DC									
08 71 11 00-2525	EA		Low Profile Recessed Wall Mount, Electromagnetic Door Holder (LCN SEM7840).....	703.19				73.30	
Note: 120 volt AC, 24 volt AC/DC, 12 volt DC									
08 71 11 00-2526	EA		Recessed Wall Mount, Electromagnetic Door Holder (LCN SEM7850).....	703.19				73.30	
Note: 120 volt AC, 24 volt AC/DC, 12 volt DC									
08 71 13 Automatic Door Operators <small>(08 71)</small>									
08 71 13 00-0001 Automatic Door Operators (LCN) <small>(08 71 13)</small>									
08 71 13 00-0002	EA		Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Door Operator With Pull Arm (LCN 9531).....	3,918.89				145.45	
Note: Opens doors automatically for wheelchair access, and allows for manual operation for regular pedestrian traffic.									
08 71 13 00-0003	EA		Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Door Operator With Push Arm (LCN 9542)	3,918.89				145.45	
Note: Opens doors automatically for wheelchair access, and allows for manual operation for regular pedestrian traffic.									
08 71 13 00-0004 Automatic Door Operators (Stanley) <small>(08 71 13)</small>									
08 71 13 00-0005	EA		Automatic Door Operator, Surface Mount With Key Switch (Stanley D-4990).....	3,953.90				232.73	
08 71 13 00-0006	EA		6" Round Stainless Steel Actuator (Stanley CL2216)	243.38					
08 71 13 00-0007	EA		Power Supply (Stanley Precision ELR151).....	850.73					
08 71 13 00-0008	EA		Low Energy Door Operator, Push Side Mount Application With Standard Arm (Stanley D-4990).....	3,003.38				116.36	
Note: Includes control box with conduit access, motor, operator and D-4550 door closer. Excludes electrical connections									
08 71 13 00-0009	EA		Door Operator Free Standing Push Plate Post (Stanley CL2247)	485.62				77.61	
Note: Includes mounting post only									
08 71 13 00-0010	EA		Dual Vestibule Push Plate Door Operator (Stanley CL2388).....	321.77				38.12	
Note: Includes 4-3/4" Dual Vestibule Push Plate and electrical connection. Excludes junction Box									
08 71 13 00-0011	EA		Jamb Mount, Push Plate Door Operator (Stanley CL2055)	201.52				38.12	
Note: Includes 4-3/4" Jamb Mount Push Plate and Electrical Connections. Excludes junction Box									
08 71 13 00-0012	EA		Touchless Plate Door Operator (Stanley CL2025).....	317.64				38.12	
Note: Includes Touchless Plate and Electrical Connection. Excludes junction Box									
08 71 13 00-0013	EA		Door Operator Push Plate Assembly (Stanley CL4976)	1,079.33				57.23	
Note: Includes 2 Push Plates, 2 Surface Boxes, 2 Transmitters and 1 Receiver									
08 71 13 00-0014 Miscellaneous Devices <small>(08 71 13)</small>									
08 71 13 00-0015	EA		Electric Power Transformer (Von Duprin EPT-2) For Magnetic Monitor Switches	592.17				43.64	
08 71 13 00-0016	EA		Magnetic Monitor Switch, SS Finish (Von Duprin MS 764).....	173.10				26.18	
08 71 13 00-0017	EA		24 Volt AC, 3 Amperes, Transformer (Von Duprin PT 750)	221.40				26.18	
08 71 13 00-0018	EA		Automatic Door Bottoms, Fully Mortise Cam Bottom Type To Fit 1-1/2" x 3/4" Mortise Channel At Door Bottom (National Guard Products 320S).....	121.83				26.18	
08 71 53 Security Door Hardware <small>(08 71)</small>									
08 71 53 00-0001 Door Exit Alarm Hardware <small>(08 71 53)</small>									
08 71 53 00-0002	EA		Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-500).....	372.80				43.64	
08 71 53 00-0003	EA		Weatherized Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-500W).....	517.11				43.64	

08 Openings**08 70 Hardware****08 71 Door Hardware**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 53 00-0004	EA	Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-300).....	434.44	43.64
Note: Door propped alarm for applications where doors may be used for egress or ingress, but may not be held or propped open. Door open times from 1 second to 4 minutes (15 second default) are field selectable.				
08 71 53 00-0005	EA	Weatherized Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-300W).....	562.07	43.64
Note: Door propped alarm for applications where doors may be used for egress or ingress, but may not be held or propped open. Door open times from 1 second to 4 minutes (15 second default) are field selectable.				
08 71 53 00-0006	EA	Wall Mount Exit Alarm, Audible Alarm, AC/DC (Detex EAX-2500).....	652.43	58.18
08 71 53 00-0007	EA	Surface Mounted Magnetic Switch (Detex MS-1039S or MS-1059S).....	114.70	58.18
Note: For use with Detex EAX exit alarms.				

08 72 Weatherstripping, Thresholds and Seals (08 70)**08 72 33 Weatherstripping and Seals (08 72)****08 72 33 00-0001 Weather-Stripping And Seals (08 72 33)****08 72 33 00-0002 Astragals (08 72 33 00-0001)**

Note: Astragal and meeting stile seals are used to seal the gap between a pair of doors.

08 72 33 00-0003 Adhesive Backed Astragals (08 72 33 00-0002)

08 72 33 00-0004	LF	7/16" Width, 9/32" Height, Edge Mount, Single Fin, Adhesive Backed Flexible Astragal (Pemko S771).....	4.55	0.88
08 72 33 00-0005	LF	1/2" Width, 3/16" Height, Edge Mount, Double Fin, Adhesive Backed Flexible Astragal (Pemko S772).....	5.05	0.88
08 72 33 00-0006	LF	1-1/8" Width, 3/16" Height, Mullion Mount, Adhesive Backed Mullion Gasketing (Pemko 5110).....	3.91	0.88

08 72 33 00-0007 Overlapping Astragals (08 72 33 00-0002)**08 72 33 00-0008 Aluminum, Overlapping Astragals (08 72 33 00-0007)**

08 72 33 00-0009	LF	2" Width, 1/8" Height, Clear Anodized Aluminum, Overlapping Astragal (Pemko 357C).....	18.61	5.23
For Color Anodized Finish, Add			2.48	

08 72 33 00-0010 Stainless Steel, Overlapping Astragals (08 72 33 00-0007)

08 72 33 00-0011	LF	2" Width, 1/8" Height, Stainless Steel, Overlapping Astragal (Pemko 357SS).....	36.24	5.23
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08 72 33 00-0012 "T" Astragals (08 72 33 00-0002)**08 72 33 00-0013 Aluminum, "T" Astragals (08 72 33 00-0012)**

08 72 33 00-0014	LF	1" Width, 11/16" Height, Mill Aluminum, "T" Astragal (Pemko 359A).....	12.57	5.23
For Color Anodized Finish, Add			0.78	
08 72 33 00-0015	LF	Vinyl Insert, 3/4" Width, 1/4" Height, Mill Aluminum, "T" Astragal (Pemko 356AV).....	15.47	5.23
For Color Anodized Finish, Add			1.02	
08 72 33 00-0016	LF	Vinyl Or Pile Insert, 1-3/8" Width, 1/4" Height, Clear Anodized Aluminum, "T" Astragal (Pemko 355CP).....	15.93	5.23
For Color Anodized Finish, Add			1.95	
For Silicone Insert, Add			0.63	
08 72 33 00-0017	LF	Neoprene Sponge Insert, 1-1/8" Width, 1/2" Height, Clear Anodized Aluminum, "T" Astragal (Pemko 352CR).....	28.35	5.23
For Color Anodized Finish, Add			6.30	

08 72 33 00-0018 Brass/Bronze, "T" Astragals (08 72 33 00-0012)

08 72 33 00-0019	LF	Vinyl Or Pile Insert, 1-3/8" Width, 1/4" Height, Brass/Bronze, "T" Astragal (Pemko 355BP).....	84.21	5.23
For Silicone Insert, Add			0.63	

08 72 33 00-0020 Locking Astragals (08 72 33 00-0002)**08 72 33 00-0021 Outswing Locking Astragals (08 72 33 00-0020)**

Note: Includes two units. A housing containing the locking bolt which fastens to the inactive leaf and a "T" astragal with a seal that fastens to the active leaf.

08 72 33 00-0022 Aluminum, Outswing Locking Astragals (08 72 33 00-0021)

08 72 33 00-0023	LF	Slide Bolt, 1-1/4" Width, 3/8" Height, Clear Anodized Aluminum, Slimline Style, Outswing Locking Astragal (Pemko 3443CS).....	37.49	5.23
Note: Includes pile seal at inner door edge and neoprene bottom seal.				
For Color Anodized Finish, Add			5.43	
08 72 33 00-0024	LF	Locking Springbolt, 1-1/4" Width, 3/8" Height, Clear Anodized Aluminum, Slimline Style, Outswing Locking Astragal (Pemko 3444CS).....	43.31	5.23
Note: Includes pile seal at inner door edge and neoprene bottom seal.				
For Color Anodized Finish, Add			6.59	
08 72 33 00-0025	LF	Slide Bolt, 1-13/32" Width, 11/16" Height, Gold Anodized Aluminum, Colonial Style, Outswing Locking Astragal (Pemko 3445BDQ).....	41.90	5.23
Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.				
For Thermal Break, Add			1.89	
08 72 33 00-0026	LF	Locking Springbolt, 1-13/32" Width, 11/16" Height, Gold Anodized Aluminum, Colonial Style, Outswing Locking Astragal (Pemko 3446BDGQ).....	46.62	5.23
Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.				
For Thermal Break, Add			2.18	

08 72 33 00-0027 Inswing Locking Astragals (08 72 33 00-0020)

Note: Includes one unit containing the locking bolt and astragal with seal, which fastens to the inactive leaf.

08 72 33 00-0028 Wood, Inswing Locking Astragals (08 72 33 00-0027)

08 72 33 00-0029	LF	Flush Bolt, 1-1/4" Width, 1/2" Height, Wood, Inswing Locking Astragal (Pemko 34832).....	43.67	5.23
08 72 33 00-0030	LF	Flush Bolt, 1-1/4" Width, 1-3/16" Height, Wood, Inswing Locking Astragal (Pemko 3481Q).....	43.45	5.23
Note: Includes kerf-in foam seal.				

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 72 33 00-0031	Aluminum, Inswing Locking Astragals (08 72 33 00-0027)		
08 72 33 00-0032	LF Slide Bolt, 1-3/8" Width, 9/32" Height, Clear Anodized Aluminum, Slimline Style, Inswing Locking Astragal (Pemko 3493CV).....	25.30	5.23
	Note: Includes pile seal at inner door edge and neoprene bottom seal.		
	For Silicone Insert, Add	0.63	
	For Color Anodized Finish, Add	2.99	
08 72 33 00-0033	LF Locking Springbolt, 1-3/8" Width, 9/32" Height, Clear Anodized Aluminum, Slimline Style, Inswing Locking Astragal (Pemko 3494CV).....	30.16	5.23
	Note: Includes pile seal at inner door edge and neoprene bottom seal.		
	For Silicone Insert, Add	0.63	
	For Color Anodized Finish, Add	3.96	
08 72 33 00-0034	LF Slide Bolt, 1-13/32" Width, 3/4" Height, Clear Anodized Aluminum, Colonial Style, Inswing Locking Astragal (Pemko 3495CQ).....	27.14	5.23
	Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
	For Magnetic Kerf-In Insert, Add	0.47	
	For Color Anodized Finish, Add	3.36	
08 72 33 00-0035	LF Locking Springbolt, 1-13/32" Width, 3/4" Height, Clear Anodized Aluminum, Colonial Style, Inswing Locking Astragal (Pemko 3496CQ).....	31.95	5.23
	Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
	For Magnetic Kerf-In Insert, Add	0.47	
	For Color Anodized Finish, Add	4.32	
08 72 33 00-0036	Security Astragals (08 72 33 00-0002)		
08 72 33 00-0037	LF Vinyl Seal, 1/2" Thick Cam, 1-3/4" Width, Clear Anodized Aluminum, Security Astragal (Pemko 378C).....	23.68	5.23
	For Color Anodized Finish, Add	13.33	
08 72 33 00-0038	LF 2-1/4" Width, 10 Gauge Galvanized Steel, Offset Security Bar, Security Astragal (Pemko 3572SP).....	38.98	5.23
08 72 33 00-0039	Meeting Stile Astragals (08 72 33 00-0002)		
08 72 33 00-0040	One Piece, Meeting Stile Astragals (08 72 33 00-0039)		
	Note: Includes an astragal for one door only.		
08 72 33 00-0041	LF 1/4" Vinyl Or Pile Insert, 5/32" Width, 13/32" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 369AP).....	15.31	5.23
	For Color Anodized Finish, Add	1.49	
08 72 33 00-0042	LF 1/4" Neoprene Loop Insert, 7/16" Width, 3/4" Height, Surface/Mortise Mount, Mill Aluminum, One Piece, Meeting Stile Astragal (Pemko 313AN).....	23.80	7.79
	For Color Anodized Finish, Add	3.30	
08 72 33 00-0043	LF 9/16" Neoprene Loop Insert, 3/4" Width, 1-3/8" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 314CN).....	30.99	7.79
	For Color Anodized Finish, Add	1.55	
08 72 33 00-0044	LF 15/16" Neoprene Loop Insert, 1-1/8" Width, 1-3/4" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 358CN).....	31.92	7.79
	For Color Anodized Finish, Add	4.10	
08 72 33 00-0045	LF 1/8" Width, 1-1/2" Height, Side Mount, Spring Bronze, One Piece, Meeting Stile Astragal (Pemko B71).....	48.85	7.79
08 72 33 00-0046	Two Piece, Meeting Stile Split Astragals (08 72 33 00-0039)		
	Note: Includes one astragal for each door.		
08 72 33 00-0047	LF 1/4" Vinyl Insert, 13/16" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 297AV).....	19.34	7.79
	For Silicone Insert, Add	0.95	
	For Color Anodized Finish, Add	3.80	
08 72 33 00-0048	LF 1/4" Vinyl Insert, 11/16" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 316AV).....	19.34	7.79
	For Color Anodized Finish, Add	3.80	
08 72 33 00-0049	LF 1/4" Vinyl Insert, 7/8" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 303AV).....	19.34	7.79
	For Silicone Insert, Add	0.95	
	For Color Anodized Finish, Add	3.80	
08 72 33 00-0050	LF 3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 305CN).....	29.42	7.79
	For Silicone Insert, Add	0.63	
	For Color Anodized Finish, Add	2.78	
08 72 33 00-0051	LF 3/8" Brush Insert, 3/4" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 18041CNB).....	24.46	7.79
	For Color Anodized Finish, Add	3.57	
08 72 33 00-0052	LF 5/8" Brush Insert, 3/4" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 18061CNB).....	25.13	7.79
	For Color Anodized Finish, Add	3.84	
08 72 33 00-0053	LF 3/16" Vinyl Or Pile Insert, 3/4" Width, 3/8" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29310CV).....	30.08	7.79
	For Color Anodized Finish, Add	7.27	
	For Silicone Insert, Add	0.95	
08 72 33 00-0054	LF 3/8" Brush Insert, 7/8" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29324CNB).....	30.75	7.79
	For Color Anodized Finish, Add	6.08	
08 72 33 00-0055	LF 5/8" Brush Insert, 7/8" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29326CNB).....	31.41	7.79
	For Color Anodized Finish, Add	6.35	
08 72 33 00-0056	Two Piece, Adjustable Meeting Stile Split Astragals (08 72 33 00-0039)		
	Note: Includes one astragal for each door.		
08 72 33 00-0057	Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (08 72 33 00-0056)		

08 Openings**08 70 Hardware****08 72 Weatherstripping, Thresholds and Seals**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 72 33 00-0058	LF 3/8" Vinyl Or Pile Insert, 21/32" Width, 9/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 354CP).....	54.88	7.79
	<i>For Color Anodized Finish, Add</i>	9.84	
	<i>For Silicone Insert, Add</i>	0.63	
08 72 33 00-0059	LF 3/8" Vinyl Or Pile Insert, 1" Width, 9/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 351CP).....	55.91	7.79
	<i>For Silicone Insert, Add</i>	0.63	
	<i>For Color Anodized Finish, Add</i>	8.07	
08 72 33 00-0060	Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (08 72 33 00-0056)		
08 72 33 00-0061	LF 3/8" Vinyl Or Pile Insert, 21/32" Width, 9/16" Height, Mortise Mount, Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 354BP).....	265.69	7.79
	<i>For Silicone Insert, Add</i>	0.63	
08 72 33 00-0062	LF 3/8" Vinyl Or Pile Insert, 1" Width, 9/16" Height, Face Mount, Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 351BP)	248.19	7.79
	<i>For Silicone Insert, Add</i>	0.63	
08 72 33 00-0063	Door Sweeps (08 72 33 00-0001)		
08 72 33 00-0064	Tack On Door Sweeps (08 72 33 00-0063)		
08 72 33 00-0065	LF For Sealing Up To 3/4" Gap, Side Mount, Vinyl Tack On Door Sweep (Pemko V365).....	6.98	2.91
08 72 33 00-0066	LF For Sealing Up To 5/8" Gap, Bottom Mount, Rubber Tack On Door Sweep (Pemko R364).....	7.08	2.91
08 72 33 00-0067	LF For Sealing Up To 1-3/8" Gap, Bottom Mount, Vinyl Tack On Door Sweep (Pemko P361V)	7.37	2.91
08 72 33 00-0068	Aluminum Retainer Door Sweeps (08 72 33 00-0063)		
08 72 33 00-0069	35 Degree, Aluminum Retainer Door Sweeps (08 72 33 00-0068)		
	Note: The retainer mounts to the door face with the sweep positioned 35 degrees from the door. Includes clear anodized finish.		
08 72 33 00-0070	LF 5/16" Brush Insert, 35 Degree, Aluminum Retainer Door Sweep (Pemko 35041CNB).....	16.42	5.82
	<i>For Color Anodized Finish, Add</i>	1.92	
08 72 33 00-0071	LF 1/2" Brush Insert, 35 Degree, Aluminum Retainer Door Sweep (Pemko 35061CNB).....	16.92	5.82
	<i>For Color Anodized Finish, Add</i>	1.85	
08 72 33 00-0072	45 Degree, Aluminum Retainer Door Sweeps (08 72 33 00-0068)		
	Note: The retainer mounts to the door face with the sweep positioned 45 degrees from the door. Includes clear anodized finish.		
08 72 33 00-0073	LF 1-3/4" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45175CNB)	24.85	5.82
	<i>For Color Anodized Finish, Add</i>	5.29	
08 72 33 00-0074	LF 2-1/2" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45250CNB)	26.84	5.82
	<i>For Color Anodized Finish, Add</i>	6.08	
08 72 33 00-0075	LF 4" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45400CNB).....	31.13	5.82
	<i>For Color Anodized Finish, Add</i>	7.80	
08 72 33 00-0076	90 Degree, Aluminum Retainer Door Sweeps (08 72 33 00-0068)		
	Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold. Includes clear anodized finish.		
08 72 33 00-0077	LF 3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90041CNB).....	18.08	5.82
	<i>For Color Anodized Finish, Add</i>	0.65	
08 72 33 00-0078	LF 5/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90062CNB).....	17.91	5.82
	<i>For Color Anodized Finish, Add</i>	0.63	
08 72 33 00-0079	LF 1" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90100CNB).....	19.07	5.82
	<i>For Color Anodized Finish, Add</i>	2.60	
08 72 33 00-0080	LF 1-3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90137CNB)	19.56	5.82
	<i>For Color Anodized Finish, Add</i>	3.17	
08 72 33 00-0081	LF 7/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 315CN).....	17.58	5.82
	<i>For Color Anodized Finish, Add</i>	1.49	
08 72 33 00-0082	LF 11/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 368CN).....	22.21	5.82
	<i>For Color Anodized Finish, Add</i>	2.12	
08 72 33 00-0083	LF 15/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 321CN).....	18.57	5.82
	<i>For Color Anodized Finish, Add</i>	1.39	
08 72 33 00-0084	LF 9/16" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 308AV).....	14.23	5.82
	Note: Includes mill finish.		
	<i>For Color Anodized Finish, Add</i>	1.30	
08 72 33 00-0085	LF 1" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 307AV).....	14.36	5.82
	Note: Includes mill finish.		
	<i>For Color Anodized Finish, Add</i>	1.37	
08 72 33 00-0086	LF 1-9/16" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 56AV).....	15.76	5.82
	Note: Includes mill finish.		
	<i>For Color Anodized Finish, Add</i>	1.45	
08 72 33 00-0087	180 Degree, Aluminum Retainer Door Sweeps (08 72 33 00-0068)		
	Note: The retainer mounts to the door face with the sweep positioned perpendicular to the threshold. Includes clear anodized finish.		
08 72 33 00-0088	180 Degree, Aluminum Retainer Door Sweeps (08 72 33 00-0087)		
08 72 33 00-0089	LF 3/8" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18041CNB).....	16.09	5.82
	<i>For Color Anodized Finish, Add</i>	1.78	
08 72 33 00-0090	LF 5/8" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18061CNB).....	16.42	5.82
	<i>For Color Anodized Finish, Add</i>	1.92	
08 72 33 00-0091	LF 1" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18100CNB).....	19.07	5.82
	<i>For Color Anodized Finish, Add</i>	2.60	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 72 33 00-0092	180 Degree, Concealed Fastener, Aluminum Retainer Door Sweeps <small>(08 72 33 00-0087)</small>		
08 72 33 00-0093	LF 3/8" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 29324CNB) 19.23		5.82
	<i>For Color Anodized Finish, Add</i> 3.04		
08 72 33 00-0094	LF 5/8" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 29326CNB) 19.56		5.82
	<i>For Color Anodized Finish, Add</i> 3.17		
08 72 33 00-0095	LF 1" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 293100CNB) 20.95		5.82
	<i>For Color Anodized Finish, Add</i> 3.73		
08 72 33 00-0096	Mortised, Aluminum Retainer Door Sweeps <small>(08 72 33 00-0068)</small>		
	Note: The retainer is mortised into the door bottom with the sweep positioned perpendicular to the threshold. Includes mill finish. Excludes mortising.		
08 72 33 00-0097	LF 1/4" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5025ASB) 14.61		5.82
08 72 33 00-0098	LF 13/32" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5041ANB) 14.61		5.82
08 72 33 00-0099	LF 5/8" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5061ANB) 14.77		5.82
08 72 33 00-0100	Aluminum Retainer Door Sweeps With Rain Drip <small>(08 72 33 00-0063)</small>		
08 72 33 00-0101	90 Degree, Aluminum Retainer Door Sweeps With Rain Drip <small>(08 72 33 00-0100)</small>		
	Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold. Includes mill finish.		
08 72 33 00-0102	LF 1/4" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 3452AV) 14.27		5.82
	<i>For Color Anodized Finish, Add</i> 1.85		
08 72 33 00-0103	LF 1/2" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 345AV) 16.42		5.82
	<i>For Color Anodized Finish, Add</i> 1.92		
08 72 33 00-0104	LF 3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweeps With Rain Drip (Pemko 3452CNB) 18.03		5.82
	Note: Includes clear anodized finish.		
	<i>For Color Anodized Finish, Add</i> 1.28		
08 72 33 00-0105	LF 7/16" Brush Insert, 90 Degree, Aluminum Retainer Door Sweeps With Rain Drip (Pemko 345ANB) 18.32		5.82
	<i>For Color Anodized Finish, Add</i> 1.34		
08 72 33 00-0106	Brass/Bronze Retainer Door Sweeps <small>(08 72 33 00-0063)</small>		
08 72 33 00-0107	90 Degree, Brass/Bronze Retainer Door Sweeps <small>(08 72 33 00-0106)</small>		
	Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold.		
08 72 33 00-0108	LF 7/16" Neoprene Insert, 90 Degree, Brass/Bronze Retainer Door Sweep (Pemko 315BN) 21.55		5.82
08 72 33 00-0109	Oak Retainer Door Sweeps <small>(08 72 33 00-0063)</small>		
08 72 33 00-0110	90 Degree, Oak Retainer Door Sweeps <small>(08 72 33 00-0109)</small>		
	Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold.		
08 72 33 00-0111	LF 9/16" Brush Insert, 90 Degree, Oak Retainer Door Sweep (Pemko 18062WNB) 17.75		5.82
08 72 33 00-0112	LF 15/16" Brush Insert, 90 Degree, Oak Retainer Door Sweep (Pemko 18100WNB) 20.35		5.82
08 72 33 00-0113	Door Shoes And Bottoms <small>(08 72 33 00-0001)</small>		
08 72 33 00-0114	Door Shoes <small>(08 72 33 00-0113)</small>		
08 72 33 00-0115	Aluminum Retainer Door Shoes <small>(08 72 33 00-0114)</small>		
08 72 33 00-0116	Bottom Mount, Aluminum Retainer Door Shoes <small>(08 72 33 00-0115)</small>		
08 72 33 00-0117	LF Vinyl Insert, 1-3/16" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 234AV) 15.60		5.82
	<i>For Color Anodized Finish, Add</i> 1.59		
	<i>For Thermo-Plastic Elastomer Insert, Add</i> 0.68		
08 72 33 00-0118	LF Vinyl Insert, 1-3/8" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 209AV) 16.09		5.82
	<i>For Color Anodized Finish, Add</i> 1.78		
08 72 33 00-0119	LF Notched Vinyl Insert, 1-3/16" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 2343AV) 20.89		5.82
	<i>For Color Anodized Finish, Add</i> 1.85		
08 72 33 00-0120	Side Mount, Aluminum Retainer Door Shoes <small>(08 72 33 00-0115)</small>		
08 72 33 00-0121	LF Vinyl Insert, 1-3/4" Width, Side Mount, Aluminum Retainers Door Shoe (Pemko 318AV) 17.75		5.82
	<i>For Color Anodized Finish, Add</i> 2.45		
	<i>For Thermo-Plastic Elastomer Insert, Add</i> 0.68		
08 72 33 00-0122	L Or U Shaped, Aluminum Retainer Door Shoes <small>(08 72 33 00-0115)</small>		
08 72 33 00-0123	LF Vinyl Insert, 1-1/4" Width, L-Shaped, Aluminum Retainer Door Shoe (Pemko 211AV) 16.42		5.82
	<i>For Color Anodized Finish, Add</i> 2.40		
	<i>For Thermo-Plastic Elastomer Insert, Add</i> 0.42		
08 72 33 00-0124	LF Vinyl Insert, 1-3/8" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 220AV) 17.41		5.82
	<i>For Color Anodized Finish, Add</i> 2.31		
	<i>For Thermo-Plastic Elastomer Insert, Add</i> 0.42		
08 72 33 00-0125	LF Vinyl Insert, 1-3/4" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 217AV) 17.75		5.82
	<i>For Color Anodized Finish, Add</i> 2.45		
	<i>For Thermo-Plastic Elastomer Insert, Add</i> 0.42		
08 72 33 00-0126	LF Notched Vinyl Insert, 1-5/16" Width, L-Shaped, Aluminum Retainer Door Shoe (Pemko 2113AV) 24.47		5.82
	<i>For Color Anodized Finish, Add</i> 2.57		
08 72 33 00-0127	LF Notched Vinyl Insert, 1-3/4" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 2173AV) 24.80		5.82
	<i>For Color Anodized Finish, Add</i> 2.63		

08 Openings**08 70 Hardware****08 72 Weatherstripping, Thresholds and Seals**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0128			L Or U Shaped With Rain Drip, Aluminum Retainer Door Shoes (08 72 33 00-0115)		
08 72 33 00-0129	LF		Vinyl Insert, 1-1/4" Width, L-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 210AV)	16.75	5.82
			<i>For Color Anodized Finish, Add</i>	2.56	
			<i>For Thermo-Plastic Elastomer Insert, Add</i>	0.42	
08 72 33 00-0130	LF		Vinyl Insert, 1-3/8" Width, U-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 215AV).....	17.75	5.82
			<i>For Color Anodized Finish, Add</i>	2.45	
			<i>For Thermo-Plastic Elastomer Insert, Add</i>	0.42	
08 72 33 00-0131	LF		Vinyl Insert, 1-3/4" Width, U-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 216AV).....	17.91	5.82
			<i>For Color Anodized Finish, Add</i>	2.51	
			<i>For Thermo-Plastic Elastomer Insert, Add</i>	0.42	
08 72 33 00-0132			Vinyl Door Shoes (08 72 33 00-0114)		
08 72 33 00-0133	LF		1-3/4" Width, L-Shaped, Vinyl Door Shoe (Pemko V80)	19.99	5.82
08 72 33 00-0134	LF		1-3/4" Width, U-Shaped, Vinyl Door Shoe (Pemko 2170DV).....	23.75	5.82
08 72 33 00-0135			Door Bottoms (08 72 33 00-0113)		
08 72 33 00-0136			Automatic Door Bottoms (08 72 33 00-0135)		
08 72 33 00-0137			Aluminum Automatic Door Bottoms (08 72 33 00-0136)		
08 72 33 00-0138	LF		Sponge Neoprene Insert, 9/16" Width, 1-7/8" Height, Surface/Mortise Mount, Aluminum Retainer, Automatic Door Bottom (Pemko 4131CRL).....	33.40	5.82
			<i>For Color Anodized Finish, Add</i>	4.35	
08 72 33 00-0139	LF		Sponge Neoprene Insert, 31/32" Width, 2-1/8" Height, Surface/Mortise Mount, Aluminum Retainer, Automatic Door Bottom (Pemko 4301CRL).....	47.02	5.82
			<i>For Color Anodized Finish, Add</i>	7.08	
08 72 33 00-0140			Door Top Protection (08 72 33 00-0001)		
08 72 33 00-0141	LF		Aluminum, Door Top Cover For 1-3/8" Wood Doors (Pemko PA343).....	12.93	4.65
			<i>For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add</i>	0.99	
08 72 33 00-0142	LF		Aluminum, Door Top Cover For 1-3/4" Wood Doors (Pemko PA344).....	12.93	4.65
			<i>For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add</i>	0.99	
08 72 33 00-0143	LF		2-1/2" Aluminum Overhead Rain Drip With Slotted Holes (Pemko 346C)	17.58	4.65
			<i>For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add</i>	2.27	
08 72 33 00-0144	EA		For 20 Oz Copper Drip Cap For Exterior Door.....	73.73	
08 72 33 00-0145			Perimeter Gasketing Weather-Strip (08 72 33 00-0001)		
			Note: Perimeter gasketing is used to seal the gap around the top and the two sides of a door assembly.		
08 72 33 00-0146			Adhesive Backed Perimeter Gasketing Weather-Strip (08 72 33 00-0145)		
08 72 33 00-0147	LF		3/8" x 3/16", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko PK33)	4.08	2.91
			<i>For Intumescent Seal, Add</i>	1.50	
08 72 33 00-0148	LF		1/2" x 3/16", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko PK55)	4.12	2.91
			<i>For Intumescent Seal, Add</i>	1.50	
08 72 33 00-0149	LF		1/2" x 1/4", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S88).....	5.87	2.91
08 72 33 00-0150	LF		7/16" x 5/16", Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S44).....	4.44	2.91
08 72 33 00-0151	LF		5/16" x 1/2", Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S77).....	5.72	2.91
			<i>For Intumescent Seal, Add</i>	1.50	
08 72 33 00-0152	LF		1/2" x 3/8", Silicone Triple Fin, Hospitality, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S773).....	5.33	2.91
			<i>For Intumescent Seal, Add</i>	1.50	
08 72 33 00-0153	LF		7/16" x 5/16", Intumescent And Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko HSS2000xS44).....	6.92	2.91
08 72 33 00-0154	LF		1/2" x 1/4", Intumescent And Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko HSS2000xS88).....	6.43	2.91
08 72 33 00-0155			Kerf-In Perimeter Gasketing Weather-Strip (08 72 33 00-0145)		
08 72 33 00-0156	LF		3/8" x 1/4" Silicone Bulb, Kerf-In Perimeter Gasketing Weather-Strip (Pemko P50).....	3.68	2.91
08 72 33 00-0157	LF		7/16" x 3/8" Silicone Bulb, Kerf-In Perimeter Gasketing Weather-Strip (Pemko S52).....	5.30	2.91
08 72 33 00-0158	LF		3/8" Foam, Kerf-In Perimeter Gasketing Weather-Strip (Pemko Q103).....	4.07	2.91
08 72 33 00-0159	LF		5/8" Foam, Kerf-In Perimeter Gasketing Weather-Strip (Pemko Q102).....	4.03	2.91
08 72 33 00-0160	LF		3/8" Magnetic, Kerf-In Perimeter Gasketing Weather-Strip (Pemko MAG349).....	5.13	2.91
08 72 33 00-0161			Cushion/Spring Perimeter Gasketing Weather-Strip (08 72 33 00-0145)		
08 72 33 00-0162			Spring Bronze Perimeter Gasketing Weather-Strip (08 72 33 00-0161)		
08 72 33 00-0163	LF		1-1/8" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70C).....	10.60	2.91
08 72 33 00-0164	LF		1-1/4" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70D).....	10.60	2.91
08 72 33 00-0165	LF		1-3/8" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70E).....	11.55	2.91
08 72 33 00-0166	LF		1-1/2" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70F).....	11.75	2.91
08 72 33 00-0167			Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (08 72 33 00-0161)		
08 72 33 00-0168	LF		5/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B73)	10.08	2.91
08 72 33 00-0169	LF		7/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B74)	11.55	2.91
08 72 33 00-0170	LF		1-1/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B75)	13.16	2.91
08 72 33 00-0171			Aluminum Retainer, Perimeter Gasketing Weather-Strip (08 72 33 00-0145)		
08 72 33 00-0172			Aluminum Retainer, Perimeter Gasketing Weather-Strip (08 72 33 00-0171)		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 72 33 00-0173	LF			1/4" Vinyl Insert, 13/16" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 297AV)	7.72	2.91
				<i>For Silicone Insert, Add</i>	0.95	
				<i>For Color Anodized Finish, Add</i>	1.90	
08 72 33 00-0174	LF			1/4" Vinyl Insert, 11/16" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 316AV)	7.72	2.91
				<i>For Silicone Insert, Add</i>	0.95	
				<i>For Color Anodized Finish, Add</i>	1.90	
08 72 33 00-0175	LF			1/4" Vinyl Insert, 7/8" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 303AV)	7.72	2.91
				<i>For Silicone Insert, Add</i>	0.95	
				<i>For Color Anodized Finish, Add</i>	1.90	
08 72 33 00-0176	LF			3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 305CN)	12.76	2.91
				<i>For Silicone Insert, Add</i>	0.63	
				<i>For Color Anodized Finish, Add</i>	1.39	
08 72 33 00-0177	LF			3/16" Vinyl Or Pile Insert, 3/4" Width, 3/8" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip With Concealed Fasteners (Pemko 29310CV)	13.09	2.91
				<i>For Color Anodized Finish, Add</i>	3.64	
				<i>For Silicone Insert, Add</i>	0.95	
08 72 33 00-0178	LF			Neoprene Sponge Insert, 1-5/8" Width, 7/16" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 375CR)	13.09	2.91
				<i>For Color Anodized Finish, Add</i>	2.54	
08 72 33 00-0179				Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip (08 72 33 00-0171)		
08 72 33 00-0180				Standard Jamb, Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip (08 72 33 00-0179)		
08 72 33 00-0181	LF			1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Standard Jamb, Heavy Duty, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 290AV)	12.51	2.91
				<i>For Silicone Insert, Add</i>	0.95	
08 72 33 00-0182				Head Section, Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip (08 72 33 00-0179)		
08 72 33 00-0183	LF			1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Head Section, Heavy Duty, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 2891AV)	13.82	2.91
08 72 33 00-0184				Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (08 72 33 00-0145)		
08 72 33 00-0185				Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (08 72 33 00-0184)		
08 72 33 00-0186	LF			3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 305BR)	34.49	2.91
				<i>For Silicone Insert, Add</i>	1.58	
08 72 33 00-0187	LF			Neoprene Sponge Insert, 1-5/8" Width, 7/16" Height, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 375BR)	60.18	2.91
08 72 33 00-0188				Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (08 72 33 00-0184)		
08 72 33 00-0189				Standard Jamb, Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (08 72 33 00-0188)		
08 72 33 00-0190	LF			1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Standard Jamb, Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 290BV)	51.64	2.91
				<i>For Silicone Insert, Add</i>	0.63	
08 72 33 00-0191				Aluminum Interlock, Perimeter Gasketing Weather-Strip (08 72 33 00-0145)		
08 72 33 00-0192	LF			Side Mount, Mill Aluminum, Interlock Perimeter Gasketing Weather-Strip (Pemko 335AR, 336A)	18.48	5.82
				Note: For weather-stripping latch or hinge side of door. Includes aluminum interlocking devices for door and door frame.		
				<i>For Color Anodized Finish, Add</i>	2.74	
08 72 33 00-0193	LF			Top Mount, Mill Aluminum, Interlock Perimeter Gasketing Weather-Strip (Pemko 347A, 68AR)	19.05	5.82
				Note: For weather-stripping the top of doors. Includes rain drip shield and aluminum interlocking devices for door and door frame.		
				<i>For Color Anodized Finish, Add</i>	2.97	
08 72 33 00-0194				Adjustable Aluminum Retainer, Perimeter Gasketing Weather-Strip (08 72 33 00-0145)		
				Note: Seals gaps from 1/16" to 1/4".		
08 72 33 00-0195	LF			Sponge Neoprene Insert, 7/8" Width, 1-3/8" Height, Adjustable, Clear Anodized Aluminum Retainer, Stop Gasketing Weather-Strip (Pemko 350CSR)	22.11	2.91
				<i>For Color Anodized Finish, Add</i>	3.26	
08 72 33 00-0196	LF			Sponge Neoprene Insert, 7/8" Width, 1-3/8" Height, Adjustable, Clear Anodized Aluminum Retainer, Jamb Gasketing Weather-Strip (Pemko 350CR)	23.27	2.91
				<i>For Color Anodized Finish, Add</i>	3.49	
08 72 33 00-0197				Perimeter Gasketing Smoke Seals (08 72 33 00-0001)		
				Note: Perimeter gasketing is used to seal the gap around the top and the two sides of a door assembly.		
08 72 33 00-0198	LF			Compression Bulb, Adhesive Backed Perimeter Gasketing Smoke Seal (Pemko HSS2000)	5.77	2.91

08 Openings**08 70 Hardware****08 72 Weatherstripping, Thresholds and Seals**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

				TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST
08 72 43	Thresholds	<i>(08 72)</i>			
08 72 43 00-0001	Thresholds	<i>(08 72 43)</i>			
Note: Includes material, fasteners, installation, caulk and sealants.					
08 72 43 00-0002	Metal Thresholds	<i>(08 72 43 00-0001)</i>			
08 72 43 00-0003	Saddle Thresholds	<i>(08 72 43 00-0002)</i>			
08 72 43 00-0004	Aluminum Saddle Thresholds	<i>(08 72 43 00-0003)</i>			
Note: Includes mill finish.					
08 72 43 00-0005	3/16" Height, Aluminum Saddle Thresholds	<i>(08 72 43 00-0004)</i>			
08 72 43 00-0006	LF 2-1/4" Width, 3/16" Height, Aluminum Saddle Threshold (Pemko 173A)		29.54		9.31
			2.51		
For Color Anodized Finish, Add					
08 72 43 00-0007	1/4" Height, Aluminum Saddle Thresholds	<i>(08 72 43 00-0004)</i>			
08 72 43 00-0008	LF 3" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 151A)		32.35		9.31
			3.64		
For Color Anodized Finish, Add					
08 72 43 00-0009	LF 4" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 270A)		38.00		11.63
			6.24		
For Color Anodized Finish, Add					
08 72 43 00-0010	LF 5" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 271A)		41.16		11.63
			6.04		
For Color Anodized Finish, Add					
08 72 43 00-0011	LF 6" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 272A)		44.95		11.63
			5.55		
For Color Anodized Finish, Add					
08 72 43 00-0012	LF 7" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 276A)		50.57		11.63
			5.37		
For Color Anodized Finish, Add					
08 72 43 00-0013	LF 8" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2748A)		60.68		13.96
			6.45		
For Color Anodized Finish, Add					
08 72 43 00-0014	LF 9" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2749A)		64.48		13.96
			7.40		
For Color Anodized Finish, Add					
08 72 43 00-0015	LF 10" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2750A)		70.54		13.96
			8.91		
For Color Anodized Finish, Add					
08 72 43 00-0016	5/16" Height, Aluminum Saddle Thresholds	<i>(08 72 43 00-0004)</i>			
08 72 43 00-0017	LF 2-1/2" Width, 5/16" Height, Aluminum Saddle Threshold (Pemko 166A)		31.85		9.31
			3.01		
For Color Anodized Finish, Add					
08 72 43 00-0018	1/2" Height, Aluminum Saddle Thresholds	<i>(08 72 43 00-0004)</i>			
08 72 43 00-0019	LF 3" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 169A)		32.02		9.31
			4.38		
For Color Anodized Finish, Add					
08 72 43 00-0020	LF 4" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 170A)		39.33		11.63
			7.18		
For Color Anodized Finish, Add					
08 72 43 00-0021	LF 5" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 171A)		42.55		11.63
			6.74		
For Color Anodized Finish, Add					
08 72 43 00-0022	LF 6" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 172A)		45.28		11.63
			5.67		
For Color Anodized Finish, Add					
08 72 43 00-0023	LF 7" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 176A)		50.57		11.63
			5.37		
For Color Anodized Finish, Add					
08 72 43 00-0024	LF 8" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2548A)		62.67		13.96
			9.72		
For Color Anodized Finish, Add					
08 72 43 00-0025	LF 9" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2549A)		66.14		13.96
			12.50		
For Color Anodized Finish, Add					
08 72 43 00-0026	LF 10" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2550A)		69.61		13.96
			13.88		
For Color Anodized Finish, Add					
08 72 43 00-0027	Brass/Bronze Saddle Thresholds	<i>(08 72 43 00-0003)</i>			
08 72 43 00-0028	3/16" Height, Brass/Bronze Saddle Thresholds	<i>(08 72 43 00-0027)</i>			
08 72 43 00-0029	LF 2-1/4" Width, 3/16" Height, Brass/Bronze Saddle Threshold (Pemko 173B)		101.25		9.31
08 72 43 00-0030	1/4" Height, Brass/Bronze Saddle Thresholds	<i>(08 72 43 00-0027)</i>			
08 72 43 00-0031	LF 3" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 151B)		160.89		9.31
08 72 43 00-0032	LF 4" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 270B)		194.23		11.63
08 72 43 00-0033	LF 5" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 271B)		235.52		11.63
08 72 43 00-0034	LF 6" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 272B)		275.66		11.63
08 72 43 00-0035	LF 7" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 276B)		321.53		11.63
08 72 43 00-0036	LF 8" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 274X4B)		413.37		13.96
08 72 43 00-0037	1/2" Height, Brass/Bronze Saddle Thresholds	<i>(08 72 43 00-0027)</i>			
08 72 43 00-0038	LF 4" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 170B)		212.58		11.63
08 72 43 00-0039	LF 5" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 171B)		258.46		11.63
08 72 43 00-0040	LF 6" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 172B)		304.33		11.63
08 72 43 00-0041	LF 7" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 176B)		361.68		11.63
08 72 43 00-0042	LF 8" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 254X4B)		514.68		13.96
08 72 43 00-0043	LF 10" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 255X5B)		488.38		13.96
08 72 43 00-0044	Stainless Steel Saddle Thresholds	<i>(08 72 43 00-0003)</i>			
08 72 43 00-0045	1/2" Height, Stainless Steel Saddle Thresholds	<i>(08 72 43 00-0044)</i>			

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 72 43 00-0046	LF		4" Width, 1/2" Height, Stainless Steel Saddle Threshold (Pemko 175SS).....	178.17	11.63
	08 72 43 00-0047	LF		5" Width, 1/2" Height, Stainless Steel Saddle Threshold (Pemko 154SS).....	189.64	11.63
	08 72 43 00-0048			Half Saddle Thresholds (08 72 43 00-0002)		
	08 72 43 00-0049			Aluminum Half Saddle Thresholds (08 72 43 00-0048) Note: Includes mill finish.		
	08 72 43 00-0050			3/4" Height, Aluminum Half Saddle Thresholds (08 72 43 00-0049)		
	08 72 43 00-0051	LF		5" Width, 3/4" Height, Aluminum Half Saddle Threshold (Pemko 1875A).....	45.66	11.63
				<i>For Color Anodized Finish, Add</i>	6.63	
	08 72 43 00-0052	LF		7" Width, 3/4" Height, Aluminum Half Saddle Threshold (Pemko 1877A).....	57.67	11.63
				<i>For Color Anodized Finish, Add</i>	2.86	
	08 72 43 00-0053			Offset Saddle Thresholds (08 72 43 00-0002)		
	08 72 43 00-0054			Aluminum Offset Saddle Thresholds (08 72 43 00-0053) Note: Includes mill finish.		
	08 72 43 00-0055			1/2" Height, Aluminum Offset Saddle Thresholds (08 72 43 00-0054)		
	08 72 43 00-0056	LF		5-1/2" Width, 1/2" Height, 1/4" Offset, Aluminum Offset Saddle Threshold (Pemko 158A).....	45.77	11.63
				<i>For Color Anodized Finish, Add</i>	8.35	
	08 72 43 00-0057	LF		7" Width, 1/2" Height, 1/4" Offset, Aluminum Offset Saddle Threshold (Pemko 2727A).....	50.07	11.63
				<i>For Color Anodized Finish, Add</i>	7.35	
	08 72 43 00-0058			3/4" Height, Aluminum Offset Saddle Thresholds (08 72 43 00-0054)		
	08 72 43 00-0059	LF		5-1/2" Width, 3/4" Height, 1/2" Offset, Aluminum Offset Saddle Threshold (Pemko 157A).....	45.77	11.63
				<i>For Color Anodized Finish, Add</i>	8.35	
	08 72 43 00-0060			1" Height, Aluminum Offset Saddle Thresholds (08 72 43 00-0054)		
	08 72 43 00-0061	LF		7" Width, 1" Height, 1/2" Offset, Aluminum Offset Saddle Threshold (Pemko 182A).....	51.72	11.63
				<i>For Color Anodized Finish, Add</i>	7.92	
	08 72 43 00-0062			Modular Ramp Thresholds (08 72 43 00-0001) Note: Includes mill finish.		
	08 72 43 00-0063			Flush, Aluminum Modular Ramp Thresholds (08 72 43 00-0062)		
	08 72 43 00-0064	LF		6-1/8" Length, 1/2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R.5FA).....	47.21	11.63
				<i>For Non-Slip Surfacing, Add</i>	71.85	
	08 72 43 00-0065	LF		9-1/4" Length, 3/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R.75FA).....	58.38	12.80
				<i>For Non-Slip Surfacing, Add</i>	91.81	
	08 72 43 00-0066	LF		12-3/8" Length, 1" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1FA).....	73.69	14.54
				<i>For Non-Slip Surfacing, Add</i>	124.91	
	08 72 43 00-0067	LF		15-1/2" Length, 1-1/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.25FA).....	92.60	15.12
				<i>For Non-Slip Surfacing, Add</i>	168.37	
	08 72 43 00-0068	LF		18-5/8" Length, 1-1/2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.5FA).....	107.37	16.28
				<i>For Non-Slip Surfacing, Add</i>	224.40	
	08 72 43 00-0069	LF		21-3/4" Length, 1-3/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.75FA).....	132.31	18.03
				<i>For Non-Slip Surfacing, Add</i>	250.28	
	08 72 43 00-0070	LF		24-7/8" Length, 2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R2FA).....	147.48	19.77
				<i>For Non-Slip Surfacing, Add</i>	280.62	
	08 72 43 00-0071	LF		28" Length, 2-1/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R2.25FA).....	156.41	20.94
				<i>For Non-Slip Surfacing, Add</i>	286.35	
	08 72 43 00-0072			3-1/2" Top Plate, Offset, Aluminum Modular Ramp Thresholds (08 72 43 00-0062)		
	08 72 43 00-0073	LF		12-3/4" Length, 1/2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.5OSSA).....	78.26	14.54
				<i>For Non-Slip Surfacing, Add</i>	132.79	
	08 72 43 00-0074	LF		15-7/8" Length, 3/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.75OSSA).....	91.24	15.12
				<i>For Non-Slip Surfacing, Add</i>	164.70	
	08 72 43 00-0075	LF		18" Length, 1" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1OSSA).....	113.65	17.45
				<i>For Non-Slip Surfacing, Add</i>	204.75	
	08 72 43 00-0076	LF		22-1/8" Length, 1-1/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.25OSSA).....	132.96	18.61
				<i>For Non-Slip Surfacing, Add</i>	248.92	
	08 72 43 00-0077	LF		25-1/4" Length, 1-1/2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.5OSSA).....	152.20	19.77
				<i>For Non-Slip Surfacing, Add</i>	292.89	
	08 72 43 00-0078	LF		28-3/8" Length, 1-3/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.75OSSA).....	166.19	20.94
				<i>For Non-Slip Surfacing, Add</i>	323.23	
	08 72 43 00-0079	LF		31-1/2" Length, 2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R2OSSA).....	202.47	22.10
				<i>For Non-Slip Surfacing, Add</i>	411.53	
	08 72 43 00-0080			7" Top Plate, Offset, Aluminum Modular Ramp Thresholds (08 72 43 00-0062)		
	08 72 43 00-0081	LF		16-1/4" Length, 1/2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.5OSA).....	90.18	15.70
				<i>For Non-Slip Surfacing, Add</i>	164.56	
	08 72 43 00-0082	LF		19-3/8" Length, 3/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.75OSA).....	105.49	17.45
				<i>For Non-Slip Surfacing, Add</i>	197.65	
	08 72 43 00-0083	LF		22-1/2" Length, 1" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1OSA).....	125.56	18.61
				<i>For Non-Slip Surfacing, Add</i>	238.52	
	08 72 43 00-0084	LF		25-5/8" Length, 1-1/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.25OSA).....	140.33	19.77
				<i>For Non-Slip Surfacing, Add</i>	272.11	
	08 72 43 00-0085	LF		28-3/4" Length, 1-1/2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.5OSA).....	164.11	20.94
				<i>For Non-Slip Surfacing, Add</i>	317.82	

08 Openings**08 70 Hardware****08 72 Weatherstripping, Thresholds and Seals**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 72 43 00-0086	LF 31-7/8" Length, 1-3/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.75OSA) <i>For Non-Slip Surfacing, Add</i>	178.09 348.14	22.10
08 72 43 00-0087	LF 35" Length, 2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R2OSA) <i>For Non-Slip Surfacing, Add</i>	204.81 395.70	23.26
08 72 43 00-0088	Accessories For Aluminum Modular Ramp Thresholds (08 72 43 00-0082)		
08 72 43 00-0089	Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds (08 72 43 00-0088)		
08 72 43 00-0090	PR Up To 1" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds <i>For Non-Slip Surfacing, Add</i>	206.75 21.32	14.54
08 72 43 00-0091	PR >1" To 1-1/4" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds <i>For Non-Slip Surfacing, Add</i>	315.56 34.38	14.54
08 72 43 00-0092	PR >1-1/4" To 2-1/4" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds <i>For Non-Slip Surfacing, Add</i>	621.93 69.75	20.36
08 72 43 00-0093	Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds (08 72 43 00-0088)		
08 72 43 00-0094	PR Up To 1/2" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds <i>For Non-Slip Surfacing, Add</i>	206.75 21.32	14.54
08 72 43 00-0095	PR >1/2" To 1" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds <i>For Non-Slip Surfacing, Add</i>	315.56 34.38	14.54
08 72 43 00-0096	PR >1" To 2" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds <i>For Non-Slip Surfacing, Add</i>	621.93 69.75	20.36
08 72 43 00-0097	Latching Panic Exit Saddle Thresholds (08 72 43 00-0001) Note: Includes vinyl or pile seal.		
08 72 43 00-0098	Aluminum, Latching Panic Exit Saddle Thresholds (08 72 43 00-0097) Note: Includes mill finish.		
08 72 43 00-0099	Aluminum, Latching Panic Exit Saddle Thresholds (08 72 43 00-0098)		
08 72 43 00-0100	7/8" Height, Aluminum, Latching Panic Exit Saddle Thresholds (08 72 43 00-0099)		
08 72 43 00-0101	LF 4" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 252X226AP) <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	54.37 8.85 0.63	11.63
08 72 43 00-0102	LF 5" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 177AP) <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	45.94 8.43 0.63	11.63
08 72 43 00-0103	LF 6" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 254X226AP) <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	59.66 10.70 0.63	11.63
08 72 43 00-0104	LF 7" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 255X226AP) <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	61.97 11.51 0.63	11.63
08 72 43 00-0105	1" Height, Aluminum, Latching Panic Exit Saddle Thresholds (08 72 43 00-0099)		
08 72 43 00-0106	LF 3-5/8" Width, 1" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 185AP) <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	43.95 7.44 0.63	11.63
08 72 43 00-0107	LF 5" Width, 1" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 181AP) <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	46.27 8.60 0.63	11.63
08 72 43 00-0108	Thermal Barrier, Aluminum, Latching Panic Exit Saddle Thresholds (08 72 43 00-0098)		
08 72 43 00-0109	7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Thresholds (08 72 43 00-0108)		
08 72 43 00-0110	LF 4-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 252X226AFGP) <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	48.75 7.87 0.63	11.63
08 72 43 00-0111	LF 5-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 253X226AFGP) <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	50.90 8.73 0.63	11.63
08 72 43 00-0112	LF 6-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 254X226AFGP) <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	54.04 8.74 0.63	11.63
08 72 43 00-0113	LF 7-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 255X226AFGP) <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	57.59 9.98 0.63	11.63
08 72 43 00-0114	Brass/Bronze, Latching Panic Exit Saddle Thresholds (08 72 43 00-0097)		
08 72 43 00-0115	Brass/Bronze, Latching Panic Exit Saddle Thresholds (08 72 43 00-0114)		
08 72 43 00-0116	7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Thresholds (08 72 43 00-0115)		
08 72 43 00-0117	LF 4" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 252X226BV) <i>For Thermoseal, Add</i>	306.63 0.63	11.63

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 72 43 00-0118	LF		5" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 177BV).....	283.69	11.63
				<i>For Thermoseal, Add</i>	0.63	
	08 72 43 00-0119	LF		6" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 254X226BV)	412.14	11.63
				<i>For Thermoseal, Add</i>	0.63	
	08 72 43 00-0120	LF		7" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 255X226BV)	367.64	11.63
				<i>For Thermoseal, Add</i>	0.63	
	08 72 43 00-0121			1" Height, Brass/Bronze, Latching Panic Exit Saddle Thresholds (08 72 43 00-0119)		
	08 72 43 00-0122	LF		5" Width, 1" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 181BV).....	301.58	11.63
				<i>For Thermoseal, Add</i>	0.63	
	08 72 43 00-0123			Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Thresholds (08 72 43 00-0114)		
	08 72 43 00-0124			7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Thresholds (08 72 43 00-0123)		
	08 72 43 00-0125	LF		4-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 252X226BFGV)	308.98	12.80
				<i>For Thermoseal, Add</i>	0.63	
	08 72 43 00-0126	LF		5-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 253X226BFGV)	324.80	12.80
				<i>For Thermoseal, Add</i>	0.63	
	08 72 43 00-0127	LF		6-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 254X226BFGV)	410.36	12.80
				<i>For Thermoseal, Add</i>	0.63	
	08 72 43 00-0128	LF		7-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 255X226BFGV)	371.74	13.37
				<i>For Thermoseal, Add</i>	0.63	
	08 72 43 00-0129			Carpet Separator Thresholds (08 72 43 00-0001)		
	08 72 43 00-0130			Aluminum, Carpet Separator Thresholds (08 72 43 00-0129) Note: Includes mill finish.		
	08 72 43 00-0131			3/8" Height, Aluminum, Carpet Separator Thresholds (08 72 43 00-0130)		
	08 72 43 00-0132	LF		2-1/2" Width, 3/8" Height, Aluminum, Carpet Separator Threshold (Pemko 174C)	33.34	9.31
				<i>For Color Anodized Finish, Add</i>	4.03	
	08 72 43 00-0133			7/16" Height, Aluminum, Carpet Separator Thresholds (08 72 43 00-0130)		
	08 72 43 00-0134	LF		1-3/4" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 236A).....	27.30	8.14
				<i>For Color Anodized Finish, Add</i>	2.43	
	08 72 43 00-0135	LF		4" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 2364A).....	41.48	9.31
				<i>For Color Anodized Finish, Add</i>	4.96	
	08 72 43 00-0136	LF		6" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 2366A).....	48.42	9.31
				<i>For Color Anodized Finish, Add</i>	7.74	
	08 72 43 00-0137			1/2" Height, Aluminum, Carpet Separator Thresholds (08 72 43 00-0130)		
	08 72 43 00-0138	LF		1-3/8" Width, 1/2" Height, Aluminum, Carpet Separator Threshold (Pemko 1951A).....	25.15	8.14
				<i>For Color Anodized Finish, Add</i>	1.20	
	08 72 43 00-0139			3/4" Height, Aluminum, Carpet Separator Thresholds (08 72 43 00-0130)		
	08 72 43 00-0140	LF		1-3/4" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 246A).....	27.30	8.14
				<i>For Color Anodized Finish, Add</i>	2.08	
	08 72 43 00-0141	LF		3" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 230A).....	41.97	11.63
				<i>For Color Anodized Finish, Add</i>	5.16	
	08 72 43 00-0142	LF		4" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 2464A).....	43.95	11.63
				<i>For Color Anodized Finish, Add</i>	4.46	
	08 72 43 00-0143			Brass/Bronze, Carpet Separator Thresholds (08 72 43 00-0129)		
	08 72 43 00-0144			3/8" Height, Brass/Bronze, Carpet Separator Thresholds (08 72 43 00-0143)		
	08 72 43 00-0145	LF		2-1/2" Width, 3/8" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 174B).....	163.41	9.31
	08 72 43 00-0146			7/16" Height, Brass/Bronze, Carpet Separator Thresholds (08 72 43 00-0143)		
	08 72 43 00-0147	LF		1-3/4" Width, 7/16" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 236B)	219.06	8.14
	08 72 43 00-0148	LF		4" Width, 7/16" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 2364B)	195.38	11.63
	08 72 43 00-0149			Vinyl Transition Thresholds (08 72 43 00-0001) Note: Serves as a transition where carpet meets carpet, tile, VCT or concrete beneath a door.		
	08 72 43 00-0150			Carpet To Carpet, Vinyl Transition Thresholds (08 72 43 00-0149) Note: Serves as a transition where carpet meets carpet beneath a door.		
	08 72 43 00-0151	LF		2-3/4" Width, 23/32" Height, Carpet To Carpet, Vinyl Transition Threshold (Pemko V232BL).....	39.40	9.31
	08 72 43 00-0152			Carpet To Tile, Vinyl Transition Thresholds (08 72 43 00-0149) Note: Serves as a transition where carpet meets tile beneath a door.		
	08 72 43 00-0153	LF		2-3/4" Width, 23/32" Height, Carpet To Tile, Vinyl Transition Threshold (Pemko V2325BL)	39.40	9.31

08 Openings**08 70 Hardware****08 72 Weatherstripping, Thresholds and Seals**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 72 43 00-0154		Carpet To Concrete, Vinyl Transition Thresholds (08 72 43 00-0149) Note: Serves as a transition where carpet meets concrete beneath a door.		
08 72 43 00-0155	LF	3-1/2" Width, 23/32" Height, Carpet To Concrete, Vinyl Transition Threshold (Pemko V2320BL).....	42.82	11.63
08 72 43 00-0156		Carpet To VCT Tile, Vinyl Transition Thresholds (08 72 43 00-0149) Note: Serves as a transition where carpet meets VCT Tile beneath a door.		
08 72 43 00-0157	LF	3-7/16" Width, 23/32" Height, Carpet To VCT Tile, Vinyl Transition Threshold (Pemko V2322BL)	45.50	11.63
08 72 43 00-0158		Residential Thresholds (08 72 43 00-0001)		
08 72 43 00-0159		Wood Residential Thresholds (08 72 43 00-0159)		
08 72 43 00-0160	LF	1-1/4" Width, 1/4" Height, Oak Residential Threshold (Pemko 2219W).....	17.57	5.82
08 72 43 00-0161	LF	1-3/4" Width, 5/16" Height, Oak Residential Threshold (Pemko 2175W).....	18.12	5.82
08 72 43 00-0162	LF	3" Width, 3/8" Height, Oak Residential Threshold (Pemko 2300W).....	23.89	6.19
08 72 43 00-0163	LF	3-1/2" Width, 1/2" Height, Oak Residential Threshold (Pemko 2350W).....	24.31	6.42
08 72 43 00-0164	LF	5" Width, 1/2" Height, Oak Residential Threshold (Pemko 2500W).....	35.79	6.61
08 72 43 00-0165		Vinyl Top, Wood Residential Thresholds (08 72 43 00-0158)		
08 72 43 00-0166	LF	1-5/8" Width, 15/16" Height, Vinyl Top, Wood Residential Threshold (Pemko 208OAK).....	20.60	5.82
08 72 43 00-0167	LF	3-1/2" Width, 1-1/8" Height, Vinyl Top, Wood Residential Threshold (Pemko 203OAK).....	24.81	6.42
08 72 43 00-0168	LF	3-5/8" Width, 1-3/8" Height, Vinyl Top, Wood Residential Threshold (Pemko 204OAK).....	44.15	6.42
08 72 43 00-0169		Vinyl Top, Aluminum Residential Thresholds (08 72 43 00-0158)		
08 72 43 00-0170	LF	1-3/8" Width, 1/2" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 208AV).....	20.66	5.82
		<i>For Color Anodized Finish, Add</i>	2.45	
08 72 43 00-0171	LF	3-1/4" Width, 3/4" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 206AV).....	23.98	6.42
		<i>For Color Anodized Finish, Add</i>	3.17	
08 72 43 00-0172	LF	3-1/2" Width, 1-1/8" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 207AV).....	25.31	6.42
		<i>For Color Anodized Finish, Add</i>	3.70	
08 72 43 00-0173		Interlocking Residential Thresholds (08 72 43 00-0158)		
08 72 43 00-0174		Aluminum Interlocking Residential Thresholds (08 72 43 00-0173)		
08 72 43 00-0175		1/2" Height, Aluminum Interlocking Residential Thresholds (08 72 43 00-0174)		
08 72 43 00-0176	LF	4-1/4" Width, 1/2" Height, Aluminum Interlocking Residential Threshold (Pemko 114A).....	43.45	6.61
		<i>For Color Anodized Finish, Add</i>	8.08	
08 72 43 00-0177		5/8" Height, Aluminum Interlocking Residential Thresholds (08 72 43 00-0174)		
08 72 43 00-0178	LF	3" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 121A).....	29.52	6.19
		<i>For Color Anodized Finish, Add</i>	4.22	
08 72 43 00-0179	LF	3-1/2" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 110A).....	27.12	6.42
		<i>For Color Anodized Finish, Add</i>	5.54	
08 72 43 00-0180	LF	4-1/4" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 115A).....	31.22	6.61
		<i>For Color Anodized Finish, Add</i>	4.41	
08 72 43 00-0181		7/8" Height, Aluminum Interlocking Residential Thresholds (08 72 43 00-0174)		
08 72 43 00-0182	LF	4-1/2" Width, 7/8" Height, Aluminum Interlocking Residential Threshold (Pemko 120A).....	33.86	6.61
		<i>For Color Anodized Finish, Add</i>	8.68	
08 72 43 00-0183		Brass/Bronze Interlocking Residential Thresholds (08 72 43 00-0173)		
08 72 43 00-0184		1/2" Height, Brass/Bronze Interlocking Residential Thresholds (08 72 43 00-0183)		
08 72 43 00-0185	LF	4-1/4" Width, 1/2" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 114B).....	228.68	6.61
08 72 43 00-0186		5/8" Height, Brass/Bronze Interlocking Residential Thresholds (08 72 43 00-0183)		
08 72 43 00-0187	LF	3-1/2" Width, 5/8" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 110B).....	170.88	6.42
08 72 43 00-0188		7/8" Height, Brass/Bronze Interlocking Residential Thresholds (08 72 43 00-0183)		
08 72 43 00-0189	LF	4-1/2" Width, 7/8" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 120B).....	234.42	6.61
08 72 43 00-0190	LF	5-3/4" Width, 7/8" Height, 3/4" Offset, Brass/Bronze Interlocking Residential Threshold (Pemko 123B).....	338.12	6.79
08 72 43 00-0191		Residential Door Sills (08 72 43 00-0001)		
08 72 43 00-0192		Fixed Aluminum Residential Door Sills (08 72 43 00-0191)		
08 72 43 00-0193	LF	4-9/16" Width, 1-1/4" Height, Fixed Aluminum Residential Door Sill (Pemko 84514A).....	25.93	6.61
		<i>For Color Anodized Finish, Add</i>	4.71	
08 72 43 00-0194	LF	5-5/8" Width, 1-1/4" Height, Fixed Aluminum Residential Door Sill (Pemko 85514A).....	27.71	6.79
		<i>For Color Anodized Finish, Add</i>	4.29	
08 72 43 00-0195		Adjustable Aluminum Top, Aluminum Residential Door Sills (08 72 43 00-0191)		

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 72 43 00-0196	LF	4-7/8" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 94518A) <i>For Color Anodized Finish, Add</i>	36.03 6.83	6.61
08 72 43 00-0197	LF	5-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 95518A) <i>For Color Anodized Finish, Add</i>	36.99 7.00	6.79
08 72 43 00-0198 Adjustable Wood Top, Aluminum Residential Door Sills (08 72 43 00-0191)				
08 72 43 00-0199	LF	3-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 93518AW)..... <i>For Color Anodized Finish, Add</i>	36.35 7.11	6.42
08 72 43 00-0200	LF	4-7/8" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 94518AW)..... <i>For Color Anodized Finish, Add</i>	36.82 5.08	6.61
08 72 43 00-0201	LF	5-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 95518AW)..... <i>For Color Anodized Finish, Add</i>	38.40 5.35	6.79
08 72 43 00-0202 Extenders For Aluminum Residential Door Sills (08 72 43 00-0191)				
08 72 43 00-0203	LF	3/4" Extender For Aluminum Residential Door Sills (Pemko EXT3/4A) <i>For Color Anodized Finish, Add</i>	15.76 2.89	5.82
08 72 43 00-0204	LF	2" Extender For Aluminum Residential Door Sills (Pemko EXT2A)..... <i>For Color Anodized Finish, Add</i>	17.08 2.73	5.82
08 72 43 00-0205	LF	3" Extender For Aluminum Residential Door Sills (Pemko EXT3A) <i>For Color Anodized Finish, Add</i>	18.41 1.70	5.82
08 72 43 00-0206 Stone Thresholds (08 72 43 00-0001)				
08 72 43 00-0207 Marble Thresholds (08 72 43 00-0206)				
08 72 43 00-0208	LF	2" Width, 5/8" Height, Plain Marble Threshold.....	19.61	7.75
08 72 43 00-0209	LF	4" Width, 5/8" Height, Plain Marble Threshold.....	21.37	7.75
08 72 43 00-0210	LF	6" Width, 5/8" Height, Plain Marble Threshold.....	23.73	7.75
08 72 43 00-0211	LF	4" Width, 7/8" Height, Plain Marble Threshold.....	29.06	7.75
08 72 43 00-0212	LF	6" Width, 7/8" Height, Plain Marble Threshold.....	35.27	7.75
08 72 43 00-0213 Corian Thresholds (08 72 43 00-0206)				
08 72 43 00-0214	LF	Up To 5-3/4" Width, Corian Threshold.....	87.11	9.65

08 75 Window Hardware (08 70)

08 75 13 Automatic Window Equipment (08 75)

08 75 13 00-0001		Window Opener Electric, With 1/2 HP Motor (08 75 13)		
08 75 13 00-0002	EA	Gym Window Electronic Opener.....	2,044.47	247.85

08 78 Special Function Hardware (08 70)

08 78 00 00-0001 Pad Locks (08 78)

08 78 00 00-0002	EA	Combination Padlock.....	22.67	5.82
08 78 00 00-0003	EA	Resettable Combination Padlock With Control Key, 4 Digit, 2" Wide Case, 1" Shackle Height.....	50.93	5.82
08 78 00 00-0004	EA	Resettable Combination Padlock, 4 Digit, 2" Wide Case, 1" Shackle Height.....	47.10	5.82
08 78 00 00-0005	EA	Resettable Combination Padlock, 4 Digit, 2" Wide Case, 2-1/4" Shackle Height.....	51.85	5.82
08 78 00 00-0006	EA	Commercial U-Bar Lock.....	62.82	5.82
08 78 00 00-0007	EA	Weather Tough Padlocks Keyed Alike.....	52.80	5.82
08 78 00 00-0008	EA	High Security Padlocks.....	47.73	5.82
08 78 00 00-0009	EA	Standard Key, Medium Security Padlock Keyed Alike.....	25.46	5.82

08 79 Hardware Accessories (08 70)

08 79 13 Key Storage Equipment (08 79)

08 79 13 00-0001		Key Cabinet (08 79 13)		
08 79 13 00-0002 Key Cabinets (08 79 13 00-0001)				
08 79 13 00-0003	EA	Wall Mounted Key Cabinet, Up To 30 Keys.....	553.79	20.94
08 79 13 00-0004	EA	Wall Mounted Key Cabinet, Up To 60 Keys.....	749.36	23.26
08 79 13 00-0005	EA	Wall Mounted Key Cabinet, Up To 240 Keys.....	1,689.21	34.90
08 79 13 00-0006	EA	Wall Mounted Key Cabinet, Up To 1,200 Keys.....	4,372.67	46.53
08 79 13 00-0007	EA	Drawer Type Key Cabinet, Up To 600 Keys.....	4,674.14	30.82
08 79 13 00-0008	EA	Drawer Type Key Cabinet, Up To 2,400 Keys.....	10,579.23	23.26
08 79 13 00-0009	EA	Tray Type Key Cabinet, Up To 20 Keys.....	232.59	9.31
08 79 13 00-0010	EA	Tray Type Key Cabinet, Up To 50 Keys.....	332.35	11.63
08 79 13 00-0011 Key Boxes Wall Mounted On Any Type Wall, With Anchor (08 79 13 00-0001)				
08 79 13 00-0012	EA	Key Box, Metal, 30 Key Hooks, Key Lock Door 3" Deep x 10" Wide x 12" High.....	315.47	17.46
08 79 13 00-0013	EA	Key Box, Metal, 60 Key Hooks, Key Lock Door, 3" Deep x 10" Wide x 12" High.....	358.26	17.46
08 79 13 00-0014	EA	Relocate 10" Wide x 12" High x 3" Deep Metal Key Box..... Note: Including Storage And Cleaning	59.34	
08 79 13 00-0015	EA	Relocate Heavy Duty Key Box, With Combo Lock Door..... Note: Including Storage And Cleaning	133.81	

08 Openings

08 70 Hardware

08 79 Hardware Accessories

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
08 80 Glazing (08)

Note: Includes neoprene setting blocks and spacers and elastomeric sealants for all glazing tasks. Demolition for all glazing includes removal of glazing (broken or whole), sealant compound and/or astragal, taking down and resetting mullion where necessary.

08 81 Glass Glazing (08 80)**08 81 23 Exterior Glass Glazing** (08 81)**08 81 23 13 Factory Installed Glass Glazing** (08 81 23)08 81 23 13-0001 Clear Float Factory Installed Glass (08 81 23 13)08 81 23 13-0002 Clear Float Factory Installed Glass (08 81 23 13-0001)

Note: Type I, Class I, Quality Q3.

08 81 23 13-0003	SF 1/8" Thick, Clear Float Factory Installed Glass	8.25
	For >50 To 200, Deduct	-0.25
	For >200 To 400, Deduct	-0.50
	For >400, Deduct	-0.74
	For Tinted Glass, Add	2.06
	For Reflective Coated Glass, Add	3.71
	For Low-E Coated Glass, Add	2.06
08 81 23 13-0004	SF 3/16" Thick, Clear Float Factory Installed Glass	8.84
	For >50 To 200, Deduct	-0.27
	For >200 To 400, Deduct	-0.53
	For >400, Deduct	-0.80
	For Tinted Glass, Add	2.21
	For Reflective Coated Glass, Add	3.98
	For Low-E Coated Glass, Add	2.21
08 81 23 13-0005	SF 1/4" Thick, Clear Float Factory Installed Glass	10.72
	For >50 To 200, Deduct	-0.32
	For >200 To 400, Deduct	-0.64
	For >400, Deduct	-0.96
	For Tinted Glass, Add	2.68
	For Reflective Coated Glass, Add	4.82
	For Low-E Coated Glass, Add	2.68
08 81 23 13-0006	SF 5/16" Thick, Clear Float Factory Installed Glass	17.82
	For >50 To 200, Deduct	-0.53
	For >200 To 400, Deduct	-1.07
	For >400, Deduct	-1.60
	For Tinted Glass, Add	4.46
	For Reflective Coated Glass, Add	8.02
	For Low-E Coated Glass, Add	4.46
08 81 23 13-0007	SF 3/8" Thick, Clear Float Factory Installed Glass	25.93
	For >50 To 200, Deduct	-0.78
	For >200 To 400, Deduct	-1.56
	For >400, Deduct	-2.33
	For Tinted Glass, Add	6.48
	For Reflective Coated Glass, Add	11.67
	For Low-E Coated Glass, Add	6.48
08 81 23 13-0008	SF 1/2" Thick, Clear Float Factory Installed Glass	28.49
	For >50 To 200, Deduct	-0.85
	For >200 To 400, Deduct	-1.71
	For >400, Deduct	-2.56
	For Tinted Glass, Add	7.12
	For Reflective Coated Glass, Add	12.82
	For Low-E Coated Glass, Add	7.12
08 81 23 13-0009	SF 5/8" Thick, Clear Float Factory Installed Glass	34.08
	For >50 To 200, Deduct	-1.02
	For >200 To 400, Deduct	-2.04
	For >400, Deduct	-3.07
	For Tinted Glass, Add	8.52
	For Reflective Coated Glass, Add	15.34
	For Low-E Coated Glass, Add	8.52
08 81 23 13-0010	SF 3/4" Thick, Clear Float Factory Installed Glass	42.10
	For >50 To 200, Deduct	-1.26
	For >200 To 400, Deduct	-2.53
	For >400, Deduct	-3.79
	For Tinted Glass, Add	10.53
	For Reflective Coated Glass, Add	18.95
	For Low-E Coated Glass, Add	10.53

08 81 23 13-0011 Heat Treated Factory Installed Glass (08 81 23 13)08 81 23 13-0012 Tempered, Clear Float Factory Installed Glass (08 81 23 13-0011)

Note: Type I, Class I, Quality Q3.

08 81 23 13-0013	SF 1/8" Thick, Tempered, Clear Float Factory Installed Glass	12.26
	For >50 To 200, Deduct	-0.37
	For >200 To 400, Deduct	-0.74
	For >400, Deduct	-1.10
	For Tinted Glass, Add	3.07
	For Reflective Coated Glass, Add	5.52
	For Low-E Coated Glass, Add	3.07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0014	SF		3/16" Thick, Tempered, Clear Float Factory Installed Glass.....	13.11	
			<i>For >50 To 200, Deduct</i>	-0.39	
			<i>For >200 To 400, Deduct</i>	-0.79	
			<i>For >400, Deduct</i>	-1.18	
			<i>For Tinted Glass, Add</i>	3.28	
			<i>For Reflective Coated Glass, Add</i>	5.90	
			<i>For Low-E Coated Glass, Add</i>	3.28	
08 81 23 13-0015	SF		1/4" Thick, Tempered, Clear Float Factory Installed Glass.....	15.94	
			<i>For >50 To 200, Deduct</i>	-0.48	
			<i>For >200 To 400, Deduct</i>	-0.96	
			<i>For >400, Deduct</i>	-1.43	
			<i>For Tinted Glass, Add</i>	3.99	
			<i>For Reflective Coated Glass, Add</i>	7.17	
			<i>For Low-E Coated Glass, Add</i>	3.99	
08 81 23 13-0016	SF		5/16" Thick, Tempered, Clear Float Factory Installed Glass.....	26.54	
			<i>For >50 To 200, Deduct</i>	-0.80	
			<i>For >200 To 400, Deduct</i>	-1.59	
			<i>For >400, Deduct</i>	-2.39	
			<i>For Tinted Glass, Add</i>	6.64	
			<i>For Reflective Coated Glass, Add</i>	11.94	
			<i>For Low-E Coated Glass, Add</i>	6.64	
08 81 23 13-0017	SF		3/8" Thick, Tempered, Clear Float Factory Installed Glass.....	38.57	
			<i>For >50 To 200, Deduct</i>	-1.16	
			<i>For >200 To 400, Deduct</i>	-2.31	
			<i>For >400, Deduct</i>	-3.47	
			<i>For Tinted Glass, Add</i>	9.64	
			<i>For Reflective Coated Glass, Add</i>	17.36	
			<i>For Low-E Coated Glass, Add</i>	9.64	
08 81 23 13-0018	SF		1/2" Thick, Tempered, Clear Float Factory Installed Glass.....	42.37	
			<i>For >50 To 200, Deduct</i>	-1.27	
			<i>For >200 To 400, Deduct</i>	-2.54	
			<i>For >400, Deduct</i>	-3.81	
			<i>For Tinted Glass, Add</i>	10.59	
			<i>For Reflective Coated Glass, Add</i>	19.07	
			<i>For Low-E Coated Glass, Add</i>	10.59	
08 81 23 13-0019	SF		5/8" Thick, Tempered, Clear Float Factory Installed Glass.....	50.69	
			<i>For >50 To 200, Deduct</i>	-1.52	
			<i>For >200 To 400, Deduct</i>	-3.04	
			<i>For >400, Deduct</i>	-4.56	
			<i>For Tinted Glass, Add</i>	12.67	
			<i>For Reflective Coated Glass, Add</i>	22.81	
			<i>For Low-E Coated Glass, Add</i>	12.67	
08 81 23 13-0020	SF		3/4" Thick, Tempered, Clear Float Factory Installed Glass.....	62.62	
			<i>For >50 To 200, Deduct</i>	-1.88	
			<i>For >200 To 400, Deduct</i>	-3.76	
			<i>For >400, Deduct</i>	-5.64	
			<i>For Tinted Glass, Add</i>	15.66	
			<i>For Reflective Coated Glass, Add</i>	28.18	
			<i>For Low-E Coated Glass, Add</i>	15.66	
08 81 23 13-0021			Patterned Factory Installed Glass <small>(08 81 23 13)</small>		
08 81 23 13-0022			Rough Obscure, Factory Installed Glass <small>(08 81 23 13-0021)</small>		
			Note: Class II, Form 3, Finish F1.		
08 81 23 13-0023	SF		1/4" Thick, Rough Obscure, Factory Installed Glass	17.54	
08 81 23 13-0024			Patterned, Figured Factory Installed Glass <small>(08 81 23 13-0021)</small>		
			Note: Kind HS, Type II, Class I, Form 3, Quality Q8, Finish F2, Pattern P4.		
08 81 23 13-0025	SF		1/8" Thick, Patterned, Figured Factory Installed Glass	10.65	
08 81 23 13-0026	SF		7/32" Thick, Patterned, Figured Factory Installed Glass	10.65	
08 81 23 13-0027			Wired Factory Installed Glass <small>(08 81 23 13)</small>		
08 81 23 13-0028			Square Or Diamond Pattern, Wired Factory Installed Glass <small>(08 81 23 13-0027)</small>		
			Note: Class I, Form 2, Mesh M1 Or M2, Pattern P2.		
08 81 23 13-0029	SF		1/4" Thick, Square Pattern, Wired Factory Installed Glass	27.57	
08 81 23 13-0030	SF		1/4" Thick, Diamond Pattern, Wired Factory Installed Glass	37.82	
08 81 23 13-0031			Polished, Wired Factory Installed Glass <small>(08 81 23 13-0027)</small>		
08 81 23 13-0032	SF		1/4" Thick, Polished, Wired Factory Installed Glass	41.34	
08 81 23 13-0033			Frosted Factory Installed Glass <small>(08 81 23 13)</small>		
08 81 23 13-0034			Frosted Factory Installed Glass <small>(08 81 23 13-0033)</small>		
08 81 23 13-0035	SF		1/8" Thick, Frosted Factory Installed Glass	13.94	
			<i>For >50 To 200, Deduct</i>	-0.42	
			<i>For >200 To 400, Deduct</i>	-0.84	
			<i>For >400, Deduct</i>	-1.25	
08 81 23 13-0036	SF		3/16" Thick, Frosted Factory Installed Glass	18.29	
			<i>For >50 To 200, Deduct</i>	-0.55	
			<i>For >200 To 400, Deduct</i>	-1.10	
			<i>For >400, Deduct</i>	-1.65	

08 Openings**08 80 Glazing****08 81 Glass Glazing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 81 23 13-0037	SF	1/4" Thick, Frosted Factory Installed Glass.....	23.12	
		<i>For >50 To 200, Deduct</i>	-0.69	
		<i>For >200 To 400, Deduct</i>	-1.39	
		<i>For >400, Deduct</i>	-2.08	
08 81 23 13-0038	SF	3/8" Thick, Frosted Factory Installed Glass.....	34.56	
		<i>For >50 To 200, Deduct</i>	-1.04	
		<i>For >200 To 400, Deduct</i>	-2.07	
		<i>For >400, Deduct</i>	-3.11	
08 81 23 13-0039		Fire Rated Factory Installed Glass <small>(08 81 23 13)</small>		
08 81 23 13-0040		Fire Rated Factory Installed Glass <small>(08 81 23 13-0039)</small>		
08 81 23 13-0041	SF	20 Minute, Fire Rated Factory Installed Glass.....	50.62	
08 81 23 13-0042	SF	45 Minute, Fire Rated Factory Installed Glass.....	100.78	
08 81 23 13-0043	SF	60 Minute, Fire Rated Factory Installed Glass.....	155.75	
08 81 23 13-0044	SF	90 Minute, Fire Rated Factory Installed Glass.....	206.14	
08 81 23 13-0045		Laminated Factory Installed Glass <small>(08 81 23 13)</small>		
08 81 23 13-0046		Laminated Glass With PVB Interlayer, Factory Installed Glass <small>(08 81 23 13-0045)</small>		
		Note: Type I, Class I, Quality Q3.		
08 81 23 13-0047	SF	1/4" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass.....	28.68	
		<i>For >50 To 200, Deduct</i>	-0.86	
		<i>For >200 To 400, Deduct</i>	-1.72	
		<i>For >400, Deduct</i>	-2.58	
		<i>For Tinted Glass, Add</i>	5.74	
		<i>For Reflective Coated Glass, Add</i>	8.60	
		<i>For Low-E Coated Glass, Add</i>	7.17	
		<i>For One Piece Heat Strengthened Glass, Add</i>	5.74	
		<i>For One Piece Fully Tempered Glass, Add</i>	5.74	
08 81 23 13-0048	SF	3/8" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass.....	35.79	
		<i>For >50 To 200, Deduct</i>	-1.07	
		<i>For >200 To 400, Deduct</i>	-2.15	
		<i>For >400, Deduct</i>	-3.22	
		<i>For Tinted Glass, Add</i>	7.16	
		<i>For Reflective Coated Glass, Add</i>	10.74	
		<i>For Low-E Coated Glass, Add</i>	8.95	
		<i>For One Piece Heat Strengthened Glass, Add</i>	7.16	
		<i>For One Piece Fully Tempered Glass, Add</i>	7.16	
08 81 23 13-0049	SF	1/2" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass.....	41.35	
		<i>For >50 To 200, Deduct</i>	-1.24	
		<i>For >200 To 400, Deduct</i>	-2.48	
		<i>For >400, Deduct</i>	-3.72	
		<i>For Tinted Glass, Add</i>	8.27	
		<i>For Reflective Coated Glass, Add</i>	12.41	
		<i>For Low-E Coated Glass, Add</i>	10.34	
		<i>For One Piece Heat Strengthened Glass, Add</i>	8.27	
		<i>For One Piece Fully Tempered Glass, Add</i>	8.27	
08 81 23 13-0050		Insulated Factory Installed Glass <small>(08 81 23 13)</small>		
08 81 23 13-0051		Insulated, Factory Installed Glass <small>(08 81 23 13-0050)</small>		
		Note: Type I, Class I, Quality Q3.		
08 81 23 13-0052		3/16" Air Space, Insulated, Factory Installed Glass <small>(08 81 23 13-0051)</small>		
		Note: Type I, Class I, Quality Q3.		
08 81 23 13-0053	SF	3/8" Thick, Insulated Factory Installed Glass.....	19.81	
		Note: Two 3/32" lites with 3/16" air space.		
		<i>For >50 To 200, Deduct</i>	-0.59	
		<i>For >200 To 400, Deduct</i>	-1.19	
		<i>For >400, Deduct</i>	-1.78	
		<i>For Tinted Glass, Add</i>	2.97	
		<i>For Reflective Coated Glass, Add</i>	5.94	
		<i>For Low-E Coated Glass, Add</i>	4.95	
		<i>For One Piece Heat Strengthened Glass, Add</i>	3.96	
		<i>For One Piece Fully Tempered Glass, Add</i>	3.96	
		<i>For One Piece Obscure Glass, Add</i>	8.42	
		<i>For Argon Gas, Add</i>	2.72	
08 81 23 13-0054	SF	1/2" Thick, Insulated Factory Installed Glass.....	21.65	
		Note: One 3/16" lite and one 1/8" lite with 3/16" air space.		
		<i>For >50 To 200, Deduct</i>	-0.65	
		<i>For >200 To 400, Deduct</i>	-1.30	
		<i>For >400, Deduct</i>	-1.95	
		<i>For Tinted Glass, Add</i>	3.25	
		<i>For Reflective Coated Glass, Add</i>	6.50	
		<i>For Low-E Coated Glass, Add</i>	5.41	
		<i>For One Piece Heat Strengthened Glass, Add</i>	4.33	
		<i>For One Piece Fully Tempered Glass, Add</i>	4.33	
		<i>For One Piece Obscure Glass, Add</i>	9.20	
		<i>For Argon Gas, Add</i>	2.98	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 81 23 13-0055	SF		9/16" Thick, Insulated Factory Installed Glass Note: Two 3/16" lites with 3/16" air space. For >50 To 200, Deduct For >200 To 400, Deduct For >400, Deduct For Tinted Glass, Add For Reflective Coated Glass, Add For Low-E Coated Glass, Add For One Piece Heat Strengthened Glass, Add For One Piece Fully Tempered Glass, Add For One Piece Obscure Glass, Add For Argon Gas, Add	21.69 -0.65 -1.30 -1.95 3.25 6.51 5.42 4.34 4.34 9.22 2.98	
08 81 23 13-0056			1/4" Air Space, Insulated, Factory Installed Glass (08 81 23 13-0051) Note: Type I, Class I, Quality Q3.		
08 81 23 13-0057	SF		7/16" Thick, Insulated Factory Installed Glass Note: Two 3/32" lites with 1/4" air space. For >50 To 200, Deduct For >200 To 400, Deduct For >400, Deduct For Tinted Glass, Add For Reflective Coated Glass, Add For Low-E Coated Glass, Add For One Piece Heat Strengthened Glass, Add For One Piece Fully Tempered Glass, Add For One Piece Obscure Glass, Add For Argon Gas, Add	20.39 -0.61 -1.22 -1.84 3.06 6.12 5.10 4.08 4.08 8.67 2.80	
08 81 23 13-0058	SF		1/2" Thick, Insulated Factory Installed Glass Note: Two 1/8" lites with 1/4" air space. For >50 To 200, Deduct For >200 To 400, Deduct For >400, Deduct For Tinted Glass, Add For Reflective Coated Glass, Add For Low-E Coated Glass, Add For One Piece Heat Strengthened Glass, Add For One Piece Fully Tempered Glass, Add For One Piece Obscure Glass, Add For Argon Gas, Add	21.65 -0.65 -1.30 -1.95 3.25 6.50 5.41 4.33 4.33 9.20 2.98	
08 81 23 13-0059	SF		5/8" Thick, Insulated Factory Installed Glass Note: Two 3/16" lites with 1/4" air space. For >50 To 200, Deduct For >200 To 400, Deduct For >400, Deduct For Tinted Glass, Add For Reflective Coated Glass, Add For Low-E Coated Glass, Add For One Piece Heat Strengthened Glass, Add For One Piece Fully Tempered Glass, Add For One Piece Obscure Glass, Add For Argon Gas, Add	21.90 -0.66 -1.31 -1.97 3.29 6.57 5.48 4.38 4.38 9.31 3.01	
08 81 23 13-0060	SF		5/8" Thick, Insulated Factory Installed Glass Note: One 1/4" lite and one 1/8" lite with 1/4" air space. For >50 To 200, Deduct For >200 To 400, Deduct For >400, Deduct For Tinted Glass, Add For Reflective Coated Glass, Add For Low-E Coated Glass, Add For One Piece Heat Strengthened Glass, Add For One Piece Fully Tempered Glass, Add For One Piece Obscure Glass, Add For Argon Gas, Add	21.90 -0.66 -1.31 -1.97 3.29 6.57 5.48 4.38 4.38 9.31 3.01	
08 81 23 13-0061	SF		3/4" Thick, Insulated Factory Installed Glass Note: Two 1/4" lites with 1/4" air space. For >50 To 200, Deduct For >200 To 400, Deduct For >400, Deduct For Tinted Glass, Add For Reflective Coated Glass, Add For Low-E Coated Glass, Add For One Piece Heat Strengthened Glass, Add For One Piece Fully Tempered Glass, Add For One Piece Obscure Glass, Add For Argon Gas, Add	25.02 -0.75 -1.50 -2.25 3.75 7.51 6.26 5.00 5.00 10.63 3.44	
08 81 23 13-0062			3/8" Air Space, Insulated, Factory Installed Glass (08 81 23 13-0051) Note: Type I, Class I, Quality Q3.		

08 Openings**08 80 Glazing****08 81 Glass Glazing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 81 23 13-0063	SF	5/8" Thick, Insulated Factory Installed Glass .....21.90 Note: Two 1/8" lites with 3/8" air space.		
		<i>For >50 To 200, Deduct</i>	-0.66	
		<i>For >200 To 400, Deduct</i>	-1.31	
		<i>For >400, Deduct</i>	-1.97	
		<i>For Tinted Glass, Add</i>	3.29	
		<i>For Reflective Coated Glass, Add</i>	6.57	
		<i>For Low-E Coated Glass, Add</i>	5.48	
		<i>For One Piece Heat Strengthened Glass, Add</i>	4.38	
		<i>For One Piece Fully Tempered Glass, Add</i>	4.38	
		<i>For One Piece Obscure Glass, Add</i>	9.31	
		<i>For Argon Gas, Add</i>	3.01	
08 81 23 13-0064	SF	3/4" Thick, Insulated Factory Installed Glass .....22.94 Note: Two 3/16" lites with 3/8" air space.		
		<i>For >50 To 200, Deduct</i>	-0.69	
		<i>For >200 To 400, Deduct</i>	-1.38	
		<i>For >400, Deduct</i>	-2.06	
		<i>For Tinted Glass, Add</i>	3.44	
		<i>For Reflective Coated Glass, Add</i>	6.88	
		<i>For Low-E Coated Glass, Add</i>	5.74	
		<i>For One Piece Heat Strengthened Glass, Add</i>	4.59	
		<i>For One Piece Fully Tempered Glass, Add</i>	4.59	
		<i>For One Piece Obscure Glass, Add</i>	9.75	
		<i>For Argon Gas, Add</i>	3.15	
08 81 23 13-0065	SF	7/8" Thick, Insulated Factory Installed Glass .....25.44 Note: Two 1/4" lites with 3/8" air space.		
		<i>For >50 To 200, Deduct</i>	-0.76	
		<i>For >200 To 400, Deduct</i>	-1.53	
		<i>For >400, Deduct</i>	-2.29	
		<i>For Tinted Glass, Add</i>	3.82	
		<i>For Reflective Coated Glass, Add</i>	7.63	
		<i>For Low-E Coated Glass, Add</i>	6.36	
		<i>For One Piece Heat Strengthened Glass, Add</i>	5.09	
		<i>For One Piece Fully Tempered Glass, Add</i>	5.09	
		<i>For One Piece Obscure Glass, Add</i>	10.81	
		<i>For Argon Gas, Add</i>	3.50	
08 81 23 13-0066	SF	1" Thick, Insulated Factory Installed Glass .....28.74 Note: Two 5/16" lites with 3/8" air space.		
		<i>For >50 To 200, Deduct</i>	-0.86	
		<i>For >200 To 400, Deduct</i>	-1.72	
		<i>For >400, Deduct</i>	-2.59	
		<i>For Tinted Glass, Add</i>	4.31	
		<i>For Reflective Coated Glass, Add</i>	8.62	
		<i>For Low-E Coated Glass, Add</i>	7.19	
		<i>For One Piece Heat Strengthened Glass, Add</i>	5.75	
		<i>For One Piece Fully Tempered Glass, Add</i>	5.75	
		<i>For One Piece Obscure Glass, Add</i>	12.21	
		<i>For Argon Gas, Add</i>	3.95	
08 81 23 13-0067		1/2" Air Space, Insulated, Factory Installed Glass (08 81 23 13-0051)		
		Note: Type I, Class I, Quality Q3.		
08 81 23 13-0068	SF	3/4" Thick, Insulated Factory Installed Glass .....22.94 Note: Two 1/8" lites with 1/2" air space.		
		<i>For >50 To 200, Deduct</i>	-0.69	
		<i>For >200 To 400, Deduct</i>	-1.38	
		<i>For >400, Deduct</i>	-2.06	
		<i>For Tinted Glass, Add</i>	3.44	
		<i>For Reflective Coated Glass, Add</i>	6.88	
		<i>For Low-E Coated Glass, Add</i>	5.74	
		<i>For One Piece Heat Strengthened Glass, Add</i>	4.59	
		<i>For One Piece Fully Tempered Glass, Add</i>	4.59	
		<i>For One Piece Obscure Glass, Add</i>	9.75	
		<i>For Argon Gas, Add</i>	3.15	
08 81 23 13-0069	SF	7/8" Thick, Insulated Factory Installed Glass .....25.44 Note: Two 3/16" lites with 1/2" air space.		
		<i>For >50 To 200, Deduct</i>	-0.76	
		<i>For >200 To 400, Deduct</i>	-1.53	
		<i>For >400, Deduct</i>	-2.29	
		<i>For Tinted Glass, Add</i>	3.82	
		<i>For Reflective Coated Glass, Add</i>	7.63	
		<i>For Low-E Coated Glass, Add</i>	6.36	
		<i>For One Piece Heat Strengthened Glass, Add</i>	5.09	
		<i>For One Piece Fully Tempered Glass, Add</i>	5.09	
		<i>For One Piece Obscure Glass, Add</i>	10.81	
		<i>For Argon Gas, Add</i>	3.50	
08 81 23 13-0070	SF	7/8" Thick, Insulated Factory Installed Glass .....25.44 Note: One 1/4" lite and one 1/8" lite with 1/2" air space.		
		<i>For >50 To 200, Deduct</i>	-0.76	
		<i>For >200 To 400, Deduct</i>	-1.53	
		<i>For >400, Deduct</i>	-2.29	
		<i>For Tinted Glass, Add</i>	3.82	
		<i>For Reflective Coated Glass, Add</i>	7.63	
		<i>For Low-E Coated Glass, Add</i>	6.36	
		<i>For One Piece Heat Strengthened Glass, Add</i>	5.09	
		<i>For One Piece Fully Tempered Glass, Add</i>	5.09	
		<i>For One Piece Obscure Glass, Add</i>	10.81	
		<i>For Argon Gas, Add</i>	3.50	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 81 23 13-0071	SF	1" Thick, Insulated Factory Installed Glass	27.82	
		Note: Two 1/4" lites with 1/2" air space.		
		For >50 To 200, Deduct	-0.83	
		For >200 To 400, Deduct	-1.67	
		For >400, Deduct	-2.50	
		For Tinted Glass, Add	4.17	
		For Reflective Coated Glass, Add	8.35	
		For Low-E Coated Glass, Add	6.96	
		For One Piece Heat Strengthened Glass, Add	5.56	
		For One Piece Fully Tempered Glass, Add	5.56	
		For One Piece Obscure Glass, Add	11.82	
		For Argon Gas, Add	3.83	

08 81 23 13-0072 Laminated Insulated Glass, Factory Installed Glass (08 81 23 13-0050)

08 81 23 13-0073	SF	1" Thick, Laminated Insulating Glass, Factory Installed Glass	77.90	
		Note: Insulated glass units consisting of 1/4" thick inner pane, 3/16" air gap, and outer laminated pane of 0.060" PVB film between two layers 1/4" thick glass.		
		For >50 To 200, Deduct	-2.34	
		For >200 To 400, Deduct	-4.67	
		For >400, Deduct	-7.01	
		For Tinted Glass, Add	11.69	
		For Reflective Coated Glass, Add	23.37	
		For Low-E Coated Glass, Add	19.48	
		For Argon Gas, Add	10.71	

08 81 23 13-0074	SF	1-3/16" Thick, Laminated Insulating Glass, Factory Installed Glass	94.59	
		Note: Insulated glass units consisting of 1/4" thick inner pane, 3/8" air gap, and outer laminated pane of 0.060" PVB film between two layers 1/4" thick glass.		
		For >50 To 200, Deduct	-2.84	
		For >200 To 400, Deduct	-5.68	
		For >400, Deduct	-8.51	
		For Tinted Glass, Add	14.19	
		For Reflective Coated Glass, Add	28.38	
		For Low-E Coated Glass, Add	23.65	
		For Argon Gas, Add	13.01	

08 81 23 13-0075	SF	1-5/16" Thick, Laminated Insulating Glass, Factory Installed Glass	111.27	
		Note: Insulated glass units consisting of 1/4" thick inner pane, 1/2" air gap, and outer laminated pane of 0.060" PVB film between two layers 1/4" thick glass.		
		For >50 To 200, Deduct	-3.34	
		For >200 To 400, Deduct	-6.68	
		For >400, Deduct	-10.01	
		For Tinted Glass, Add	16.69	
		For Reflective Coated Glass, Add	33.38	
		For Low-E Coated Glass, Add	27.82	
		For Argon Gas, Add	15.30	

08 81 23 23 Field Installed Glass Glazing (08 81 23)

08 81 23 23-0001 Heat Treated Field Installed Glass (08 81 23 23)

08 81 23 23-0002 Tempered, Clear Float Field Installed Glass (08 81 23 23-0001)

08 81 23 23-0003	SF	1/8" Thick, Tempered, Clear Float Field Installed Glass	27.13	
		Note: Type I, Class I, Quality Q3.		
		For >50 To 200, Deduct	-0.37	
		For >200 To 400, Deduct	-0.74	
		For >400, Deduct	-1.10	
		For Glass Removal And Preparing Opening For New Glazing, Add	14.87	
		For Tinted Glass, Add	3.07	
		For Reflective Coated Glass, Add	5.52	
		For Low-E Coated Glass, Add	3.07	

08 81 23 23-0004	SF	3/16" Thick, Tempered, Clear Float Field Installed Glass	29.12	
		For >50 To 200, Deduct	-0.39	
		For >200 To 400, Deduct	-0.79	
		For >400, Deduct	-1.18	
		For Glass Removal And Preparing Opening For New Glazing, Add	16.01	
		For Tinted Glass, Add	3.28	
		For Reflective Coated Glass, Add	5.90	
		For Low-E Coated Glass, Add	3.28	

08 81 23 23-0005	SF	1/4" Thick, Tempered, Clear Float Field Installed Glass	33.09	
		For >50 To 200, Deduct	-0.48	
		For >200 To 400, Deduct	-0.96	
		For >400, Deduct	-1.43	
		For Glass Removal And Preparing Opening For New Glazing, Add	17.15	
		For Tinted Glass, Add	3.99	
		For Reflective Coated Glass, Add	7.17	
		For Low-E Coated Glass, Add	3.99	

08 81 23 23-0006	SF	5/16" Thick, Tempered, Clear Float Field Installed Glass	45.98	
		For >50 To 200, Deduct	-0.80	
		For >200 To 400, Deduct	-1.59	
		For >400, Deduct	-2.39	
		For Glass Removal And Preparing Opening For New Glazing, Add	19.44	
		For Tinted Glass, Add	6.64	
		For Reflective Coated Glass, Add	11.94	
		For Low-E Coated Glass, Add	6.64	

08 Openings**08 80 Glazing****08 81 Glass Glazing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 81 23 23-0007	SF 3/8" Thick, Tempered, Clear Float Field Installed Glass	60.30	
	<i>For >50 To 200, Deduct</i>	-1.16	
	<i>For >200 To 400, Deduct</i>	-2.31	
	<i>For >400, Deduct</i>	-3.47	
	<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	21.73	
	<i>For Tinted Glass, Add</i>	9.64	
	<i>For Reflective Coated Glass, Add</i>	17.36	
	<i>For Low-E Coated Glass, Add</i>	9.64	
08 81 23 23-0008	SF 1/2" Thick, Tempered, Clear Float Field Installed Glass	66.39	
	<i>For >50 To 200, Deduct</i>	-1.27	
	<i>For >200 To 400, Deduct</i>	-2.54	
	<i>For >400, Deduct</i>	-3.81	
	<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	24.02	
	<i>For Tinted Glass, Add</i>	10.59	
	<i>For Reflective Coated Glass, Add</i>	19.07	
	<i>For Low-E Coated Glass, Add</i>	10.59	
08 81 23 23-0009	SF 5/8" Thick, Tempered, Clear Float Field Installed Glass	80.42	
	<i>For >50 To 200, Deduct</i>	-1.52	
	<i>For >200 To 400, Deduct</i>	-3.04	
	<i>For >400, Deduct</i>	-4.56	
	<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	29.73	
	<i>For Tinted Glass, Add</i>	12.67	
	<i>For Reflective Coated Glass, Add</i>	22.81	
	<i>For Low-E Coated Glass, Add</i>	12.67	
08 81 23 23-0010	SF 3/4" Thick, Tempered, Clear Float Field Installed Glass	98.07	
	<i>For >50 To 200, Deduct</i>	-1.88	
	<i>For >200 To 400, Deduct</i>	-3.76	
	<i>For >400, Deduct</i>	-5.64	
	<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	35.45	
	<i>For Tinted Glass, Add</i>	15.66	
	<i>For Reflective Coated Glass, Add</i>	28.18	
	<i>For Low-E Coated Glass, Add</i>	15.66	
08 81 23 23-0011	Clear Float Field Installed Glass <small>(08 81 23 23)</small>		
08 81 23 23-0012	Clear Float Field Installed Glass <small>(08 81 23 23-0011)</small>		
	Note: Type I, Class I, Quality Q3.		
08 81 23 23-0013	SF 1/8" Thick, Clear Float Field Installed Glass	23.12	
	<i>For >50 To 200, Deduct</i>	-0.25	
	<i>For >200 To 400, Deduct</i>	-0.50	
	<i>For >400, Deduct</i>	-0.74	
	<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	14.87	
	<i>For Tinted Glass, Add</i>	2.06	
	<i>For Reflective Coated Glass, Add</i>	3.71	
	<i>For Low-E Coated Glass, Add</i>	2.06	
08 81 23 23-0014	SF 3/16" Thick, Clear Float Field Installed Glass	24.85	
	<i>For >50 To 200, Deduct</i>	-0.27	
	<i>For >200 To 400, Deduct</i>	-0.53	
	<i>For >400, Deduct</i>	-0.80	
	<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	16.01	
	<i>For Tinted Glass, Add</i>	2.21	
	<i>For Reflective Coated Glass, Add</i>	3.98	
	<i>For Low-E Coated Glass, Add</i>	2.21	
08 81 23 23-0015	SF 1/4" Thick, Clear Float Field Installed Glass	27.87	
	<i>For >50 To 200, Deduct</i>	-0.32	
	<i>For >200 To 400, Deduct</i>	-0.64	
	<i>For >400, Deduct</i>	-0.96	
	<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	17.15	
	<i>For Tinted Glass, Add</i>	2.68	
	<i>For Reflective Coated Glass, Add</i>	4.82	
	<i>For Low-E Coated Glass, Add</i>	2.68	
08 81 23 23-0016	SF 5/16" Thick, Clear Float Field Installed Glass	37.26	
	<i>For >50 To 200, Deduct</i>	-0.53	
	<i>For >200 To 400, Deduct</i>	-1.07	
	<i>For >400, Deduct</i>	-1.60	
	<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	19.44	
	<i>For Tinted Glass, Add</i>	4.46	
	<i>For Reflective Coated Glass, Add</i>	8.02	
	<i>For Low-E Coated Glass, Add</i>	4.46	
08 81 23 23-0017	SF 3/8" Thick, Clear Float Field Installed Glass	47.66	
	<i>For >50 To 200, Deduct</i>	-0.78	
	<i>For >200 To 400, Deduct</i>	-1.56	
	<i>For >400, Deduct</i>	-2.33	
	<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	21.73	
	<i>For Tinted Glass, Add</i>	6.48	
	<i>For Reflective Coated Glass, Add</i>	11.67	
	<i>For Low-E Coated Glass, Add</i>	6.48	
08 81 23 23-0018	SF 1/2" Thick, Clear Float Field Installed Glass	52.51	
	<i>For >50 To 200, Deduct</i>	-0.85	
	<i>For >200 To 400, Deduct</i>	-1.71	
	<i>For >400, Deduct</i>	-2.56	
	<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	24.02	
	<i>For Tinted Glass, Add</i>	7.12	
	<i>For Reflective Coated Glass, Add</i>	12.82	
	<i>For Low-E Coated Glass, Add</i>	7.12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0019	SF		5/8" Thick, Clear Float Field Installed Glass	63.81	
			<i>For >50 To 200, Deduct</i>	-1.02	
			<i>For >200 To 400, Deduct</i>	-2.04	
			<i>For >400, Deduct</i>	-3.07	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	29.73	
			<i>For Tinted Glass, Add</i>	8.52	
			<i>For Reflective Coated Glass, Add</i>	15.34	
			<i>For Low-E Coated Glass, Add</i>	8.52	
08 81 23 23-0020	SF		3/4" Thick, Clear Float Field Installed Glass	77.55	
			<i>For >50 To 200, Deduct</i>	-1.26	
			<i>For >200 To 400, Deduct</i>	-2.53	
			<i>For >400, Deduct</i>	-3.79	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	35.45	
			<i>For Tinted Glass, Add</i>	10.53	
			<i>For Reflective Coated Glass, Add</i>	18.95	
			<i>For Low-E Coated Glass, Add</i>	10.53	
08 81 23 23-0021			Patterned Field Installed Glass (08 81 23 23)		
08 81 23 23-0022			Rough Obscure Field Installed Glass (08 81 23 23-0021)		
			Note: Class II, Form 3, Finish F1.		
08 81 23 23-0023	SF		1/4" Thick, Rough Obscure Field Installed Glass	34.69	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	17.15	
08 81 23 23-0024			Patterned, Figured Field Installed Glass (08 81 23 23-0021)		
			Note: Kind HS, Type II, Class I, Form 3, Quality Q8, Finish F2, Pattern P4.		
08 81 23 23-0025	SF		1/8" Thick, Patterned, Figured Field Installed Glass	25.52	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	14.87	
08 81 23 23-0026	SF		7/32" Thick, Patterned, Figured Field Installed Glass	27.23	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	16.58	
08 81 23 23-0027			Wired Field Installed Glass (08 81 23 23)		
08 81 23 23-0028			Square Or Diamond Pattern, Wired Field Installed Glass (08 81 23 23-0027)		
			Note: Class I, Form 2, Mesh M1 Or M2, Pattern P2.		
08 81 23 23-0029	SF		1/4" Thick, Square Pattern, Wired Field Installed Glass	44.72	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	17.15	
08 81 23 23-0030	SF		1/4" Thick, Diamond Pattern, Wired Field Installed Glass	54.97	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	17.15	
08 81 23 23-0031			Polished, Wired Field Installed Glass (08 81 23 23-0027)		
08 81 23 23-0032	SF		1/4" Thick, Polished, Wired Field Installed Glass	58.49	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	17.15	
08 81 23 23-0033			Frosted Field Installed Glass (08 81 23 23)		
08 81 23 23-0034			Frosted Field Installed Glass (08 81 23 23-0033)		
08 81 23 23-0035	SF		1/8" Thick, Frosted Field Installed Glass	28.81	
			<i>For >50 To 200, Deduct</i>	-0.42	
			<i>For >200 To 400, Deduct</i>	-0.84	
			<i>For >400, Deduct</i>	-1.25	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	14.87	
08 81 23 23-0036	SF		3/16" Thick, Frosted Field Installed Glass	34.30	
			<i>For >50 To 200, Deduct</i>	-0.55	
			<i>For >200 To 400, Deduct</i>	-1.10	
			<i>For >400, Deduct</i>	-1.65	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	16.01	
08 81 23 23-0037	SF		1/4" Thick, Frosted Field Installed Glass	40.27	
			<i>For >50 To 200, Deduct</i>	-0.69	
			<i>For >200 To 400, Deduct</i>	-1.39	
			<i>For >400, Deduct</i>	-2.08	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	17.15	
08 81 23 23-0038	SF		3/8" Thick, Frosted Field Installed Glass	56.29	
			<i>For >50 To 200, Deduct</i>	-1.04	
			<i>For >200 To 400, Deduct</i>	-2.07	
			<i>For >400, Deduct</i>	-3.11	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	21.73	
08 81 23 23-0039			Fire Rated Field Installed Glass (08 81 23 23)		
08 81 23 23-0040			Fire Rated Field Installed Glass (08 81 23 23-0039)		
08 81 23 23-0041	SF		20 Minute, Fire Rated Field Installed Glass	67.77	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	17.15	
08 81 23 23-0042	SF		45 Minute, Fire Rated Field Installed Glass	117.93	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	17.15	
08 81 23 23-0043	SF		60 Minute, Fire Rated Field Installed Glass	172.90	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	17.15	
08 81 23 23-0044	SF		90 Minute, Fire Rated Field Installed Glass	223.29	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	17.15	
08 81 23 23-0045			Laminated Field Installed Glass (08 81 23 23)		

08 Openings

08 80 Glazing

08 81 Glass Glazing

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

		TOTAL DIRECT	DEMOLITION
		UNIT COST	UNIT COST
08 81 23 23-0046	Laminated Glass With PVB Interlayer, Field Installed Glass <small>(08 81 23 23-0045)</small>		
	Note: Type I, Class I, Quality Q3.		
08 81 23 23-0047	SF 1/4" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass.....	45.83	
	For >50 To 200, Deduct	-0.86	
	For >200 To 400, Deduct	-1.72	
	For >400, Deduct	-2.58	
	For Glass Removal And Preparing Opening For New Glazing, Add	17.15	
	For Tinted Glass, Add	5.74	
	For Reflective Coated Glass, Add	8.60	
	For Low-E Coated Glass, Add	7.17	
	For One Piece Heat Strengthened Glass, Add	5.74	
	For One Piece Fully Tempered Glass, Add	5.74	
08 81 23 23-0048	SF 3/8" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass.....	57.52	
	For >50 To 200, Deduct	-1.07	
	For >200 To 400, Deduct	-2.15	
	For >400, Deduct	-3.22	
	For Glass Removal And Preparing Opening For New Glazing, Add	21.73	
	For Tinted Glass, Add	7.16	
	For Reflective Coated Glass, Add	10.74	
	For Low-E Coated Glass, Add	8.95	
	For One Piece Heat Strengthened Glass, Add	7.16	
	For One Piece Fully Tempered Glass, Add	7.16	
08 81 23 23-0049	SF 1/2" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass.....	65.37	
	For >50 To 200, Deduct	-1.24	
	For >200 To 400, Deduct	-2.48	
	For >400, Deduct	-3.72	
	For Glass Removal And Preparing Opening For New Glazing, Add	24.02	
	For Tinted Glass, Add	8.27	
	For Reflective Coated Glass, Add	12.41	
	For Low-E Coated Glass, Add	10.34	
	For One Piece Heat Strengthened Glass, Add	8.27	
	For One Piece Fully Tempered Glass, Add	8.27	
08 81 23 23-0050	SF 9/16" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass.....	73.40	
	For >50 To 200, Deduct	-1.40	
	For >200 To 400, Deduct	-2.79	
	For >400, Deduct	-4.19	
	For Glass Removal And Preparing Opening For New Glazing, Add	26.88	
	For Tinted Glass, Add	9.30	
	For Reflective Coated Glass, Add	13.96	
	For Low-E Coated Glass, Add	11.63	
	For One Piece Heat Strengthened Glass, Add	9.30	
	For One Piece Fully Tempered Glass, Add	9.30	
08 81 23 23-0051	Insulated Field Installed Glass <small>(08 81 23 23)</small>		
08 81 23 23-0052	Insulated Glass, Field Installed Glass <small>(08 81 23 23-0051)</small>		
	Note: Type I, Class I, Quality Q3.		
08 81 23 23-0053	3/16" Air Space, Insulated, Field Installed Glass <small>(08 81 23 23-0052)</small>		
	Note: Type I, Class I, Quality Q3.		
08 81 23 23-0054	SF 3/8" Thick, Insulated Field Installed Glass.....	39.03	
	Note: Two 3/32" lites with 3/16" air space.		
	For >50 To 200, Deduct	-0.59	
	For >200 To 400, Deduct	-1.19	
	For >400, Deduct	-1.78	
	For Glass Removal And Preparing Opening For New Glazing, Add	19.22	
	For Tinted Glass, Add	2.97	
	For Reflective Coated Glass, Add	5.94	
	For Low-E Coated Glass, Add	4.95	
	For One Piece Heat Strengthened Glass, Add	3.96	
	For One Piece Fully Tempered Glass, Add	3.96	
	For One Piece Obscure Glass, Add	8.42	
	For Argon Gas, Add	2.72	
08 81 23 23-0055	SF 1/2" Thick, Insulated Field Installed Glass.....	41.66	
	Note: One 3/16" lite and one 1/8" lite with 3/16" air space.		
	For >50 To 200, Deduct	-0.65	
	For >200 To 400, Deduct	-1.30	
	For >400, Deduct	-1.95	
	For Glass Removal And Preparing Opening For New Glazing, Add	20.01	
	For Tinted Glass, Add	3.25	
	For Reflective Coated Glass, Add	6.50	
	For Low-E Coated Glass, Add	5.41	
	For One Piece Heat Strengthened Glass, Add	4.33	
	For One Piece Fully Tempered Glass, Add	4.33	
	For One Piece Obscure Glass, Add	9.20	
	For Argon Gas, Add	2.98	
08 81 23 23-0056	SF 9/16" Thick, Insulated Field Installed Glass.....	42.05	
	Note: Two 3/16" lites with 3/16" air space.		
	For >50 To 200, Deduct	-0.65	
	For >200 To 400, Deduct	-1.30	
	For >400, Deduct	-1.95	
	For Glass Removal And Preparing Opening For New Glazing, Add	20.36	
	For Tinted Glass, Add	3.25	
	For Reflective Coated Glass, Add	6.51	
	For Low-E Coated Glass, Add	5.42	
	For One Piece Heat Strengthened Glass, Add	4.34	
	For One Piece Fully Tempered Glass, Add	4.34	
	For One Piece Obscure Glass, Add	9.22	
	For Argon Gas, Add	2.98	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 81 23 23-0057			1/4" Air Space, Insulated, Field Installed Glass <small>(08 81 23 23-0052)</small>		
			Note: Type I, Class I, Quality Q3.		
08 81 23 23-0058	SF		7/16" Thick, Insulated Field Installed Glass	39.95	
			Note: Two 3/32" lites with 1/4" air space.		
			For >50 To 200, Deduct	-0.61	
			For >200 To 400, Deduct	-1.22	
			For >400, Deduct	-1.84	
			For Glass Removal And Preparing Opening For New Glazing, Add	19.56	
			For Tinted Glass, Add	3.06	
			For Reflective Coated Glass, Add	6.12	
			For Low-E Coated Glass, Add	5.10	
			For One Piece Heat Strengthened Glass, Add	4.08	
			For One Piece Fully Tempered Glass, Add	4.08	
			For One Piece Obscure Glass, Add	8.67	
			For Argon Gas, Add	2.80	
08 81 23 23-0059	SF		1/2" Thick, Insulated Field Installed Glass	41.66	
			Note: Two 1/8" lites with 1/4" air space.		
			For >50 To 200, Deduct	-0.65	
			For >200 To 400, Deduct	-1.30	
			For >400, Deduct	-1.95	
			For Glass Removal And Preparing Opening For New Glazing, Add	20.01	
			For Tinted Glass, Add	3.25	
			For Reflective Coated Glass, Add	6.50	
			For Low-E Coated Glass, Add	5.41	
			For One Piece Heat Strengthened Glass, Add	4.33	
			For One Piece Fully Tempered Glass, Add	4.33	
			For One Piece Obscure Glass, Add	9.20	
			For Argon Gas, Add	2.98	
08 81 23 23-0060	SF		5/8" Thick, Insulated Field Installed Glass	43.25	
			Note: Two 3/16" lites with 1/4" air space.		
			For >50 To 200, Deduct	-0.66	
			For >200 To 400, Deduct	-1.31	
			For >400, Deduct	-1.97	
			For Glass Removal And Preparing Opening For New Glazing, Add	21.35	
			For Tinted Glass, Add	3.29	
			For Reflective Coated Glass, Add	6.57	
			For Low-E Coated Glass, Add	5.48	
			For One Piece Heat Strengthened Glass, Add	4.38	
			For One Piece Fully Tempered Glass, Add	4.38	
			For One Piece Obscure Glass, Add	9.31	
			For Argon Gas, Add	3.01	
08 81 23 23-0061	SF		5/8" Thick, Insulated Field Installed Glass	43.25	
			Note: One 1/4" lite and one 1/8" lite with 1/4" air space.		
			For >50 To 200, Deduct	-0.66	
			For >200 To 400, Deduct	-1.31	
			For >400, Deduct	-1.97	
			For Glass Removal And Preparing Opening For New Glazing, Add	21.35	
			For Tinted Glass, Add	3.29	
			For Reflective Coated Glass, Add	6.57	
			For Low-E Coated Glass, Add	5.48	
			For One Piece Heat Strengthened Glass, Add	4.38	
			For One Piece Fully Tempered Glass, Add	4.38	
			For One Piece Obscure Glass, Add	9.31	
			For Argon Gas, Add	3.01	
08 81 23 23-0062	SF		3/4" Thick, Insulated Field Installed Glass	48.32	
			Note: Two 1/4" lites with 1/4" air space.		
			For >50 To 200, Deduct	-0.75	
			For >200 To 400, Deduct	-1.50	
			For >400, Deduct	-2.25	
			For Glass Removal And Preparing Opening For New Glazing, Add	23.30	
			For Tinted Glass, Add	3.75	
			For Reflective Coated Glass, Add	7.51	
			For Low-E Coated Glass, Add	6.26	
			For One Piece Heat Strengthened Glass, Add	5.00	
			For One Piece Fully Tempered Glass, Add	5.00	
			For One Piece Obscure Glass, Add	10.63	
			For Argon Gas, Add	3.44	
08 81 23 23-0063			3/8" Air Space, Insulated, Field Installed Glass <small>(08 81 23 23-0052)</small>		
			Note: Type I, Class I, Quality Q3.		
08 81 23 23-0064	SF		5/8" Thick, Insulated Field Installed Glass	43.25	
			Note: Two 1/8" lites with 3/8" air space.		
			For >50 To 200, Deduct	-0.66	
			For >200 To 400, Deduct	-1.31	
			For >400, Deduct	-1.97	
			For Glass Removal And Preparing Opening For New Glazing, Add	21.35	
			For Tinted Glass, Add	3.29	
			For Reflective Coated Glass, Add	6.57	
			For Low-E Coated Glass, Add	5.48	
			For One Piece Heat Strengthened Glass, Add	4.38	
			For One Piece Fully Tempered Glass, Add	4.38	
			For One Piece Obscure Glass, Add	9.31	
			For Argon Gas, Add	3.01	

08 Openings**08 80 Glazing****08 81 Glass Glazing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 81 23 23-0065	SF	3/4" Thick, Insulated Field Installed Glass	46.24	
		Note: Two 3/16" lites with 3/8" air space.		
		For >50 To 200, Deduct	-0.69	
		For >200 To 400, Deduct	-1.38	
		For >400, Deduct	-2.06	
		For Glass Removal And Preparing Opening For New Glazing, Add	23.30	
		For Tinted Glass, Add	3.44	
		For Reflective Coated Glass, Add	6.88	
		For Low-E Coated Glass, Add	5.74	
		For One Piece Heat Strengthened Glass, Add	4.59	
		For One Piece Fully Tempered Glass, Add	4.59	
		For One Piece Obscure Glass, Add	9.75	
		For Argon Gas, Add	3.15	
08 81 23 23-0066	SF	7/8" Thick, Insulated Field Installed Glass	49.23	
		Note: Two 1/4" lites with 3/8" air space.		
		For >50 To 200, Deduct	-0.76	
		For >200 To 400, Deduct	-1.53	
		For >400, Deduct	-2.29	
		For Glass Removal And Preparing Opening For New Glazing, Add	23.79	
		For Tinted Glass, Add	3.82	
		For Reflective Coated Glass, Add	7.63	
		For Low-E Coated Glass, Add	6.36	
		For One Piece Heat Strengthened Glass, Add	5.09	
		For One Piece Fully Tempered Glass, Add	5.09	
		For One Piece Obscure Glass, Add	10.81	
		For Argon Gas, Add	3.50	
08 81 23 23-0067	SF	1" Thick, Insulated Field Installed Glass	52.76	
		Note: Two 5/16" lites with 3/8" air space.		
		For >50 To 200, Deduct	-0.86	
		For >200 To 400, Deduct	-1.72	
		For >400, Deduct	-2.59	
		For Glass Removal And Preparing Opening For New Glazing, Add	24.02	
		For Tinted Glass, Add	4.31	
		For Reflective Coated Glass, Add	8.62	
		For Low-E Coated Glass, Add	7.19	
		For One Piece Heat Strengthened Glass, Add	5.75	
		For One Piece Fully Tempered Glass, Add	5.75	
		For One Piece Obscure Glass, Add	12.21	
		For Argon Gas, Add	3.95	
08 81 23 23-0068		1/2" Air Space, Insulated, Field Installed Glass (08 81 23 23-0052)		
		Note: Type I, Class I, Quality Q3.		
08 81 23 23-0069	SF	3/4" Thick, Insulated Field Installed Glass	46.24	
		Note: Two 1/8" lites with 1/2" air space.		
		For >50 To 200, Deduct	-0.69	
		For >200 To 400, Deduct	-1.38	
		For >400, Deduct	-2.06	
		For Glass Removal And Preparing Opening For New Glazing, Add	23.30	
		For Tinted Glass, Add	3.44	
		For Reflective Coated Glass, Add	6.88	
		For Low-E Coated Glass, Add	5.74	
		For One Piece Heat Strengthened Glass, Add	4.59	
		For One Piece Fully Tempered Glass, Add	4.59	
		For One Piece Obscure Glass, Add	9.75	
		For Argon Gas, Add	3.15	
08 81 23 23-0070	SF	7/8" Thick, Insulated Field Installed Glass	49.23	
		Note: Two 3/16" lites with 1/2" air space.		
		For >50 To 200, Deduct	-0.76	
		For >200 To 400, Deduct	-1.53	
		For >400, Deduct	-2.29	
		For Glass Removal And Preparing Opening For New Glazing, Add	23.79	
		For Tinted Glass, Add	3.82	
		For Reflective Coated Glass, Add	7.63	
		For Low-E Coated Glass, Add	6.36	
		For One Piece Heat Strengthened Glass, Add	5.09	
		For One Piece Fully Tempered Glass, Add	5.09	
		For One Piece Obscure Glass, Add	10.81	
		For Argon Gas, Add	3.50	
08 81 23 23-0071	SF	7/8" Thick, Insulated Field Installed Glass	49.23	
		Note: One 1/4" lite and one 1/8" lite with 1/2" air space.		
		For >50 To 200, Deduct	-0.76	
		For >200 To 400, Deduct	-1.53	
		For >400, Deduct	-2.29	
		For Glass Removal And Preparing Opening For New Glazing, Add	23.79	
		For Tinted Glass, Add	3.82	
		For Reflective Coated Glass, Add	7.63	
		For Low-E Coated Glass, Add	6.36	
		For One Piece Heat Strengthened Glass, Add	5.09	
		For One Piece Fully Tempered Glass, Add	5.09	
		For One Piece Obscure Glass, Add	10.81	
		For Argon Gas, Add	3.50	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 81 23 23-0072	SF		1" Thick, Insulated Field Installed Glass Note: Two 1/4" lites with 1/2" air space. For >50 To 200, Deduct For >200 To 400, Deduct For >400, Deduct For Glass Removal And Preparing Opening For New Glazing, Add For Tinted Glass, Add For Reflective Coated Glass, Add For Low-E Coated Glass, Add For One Piece Heat Strengthened Glass, Add For One Piece Fully Tempered Glass, Add For One Piece Obscure Glass, Add For Argon Gas, Add	51.84 -0.83 -1.67 -2.50 24.02 4.17 8.35 6.96 5.56 5.56 11.82 3.83	
08 81 23 23-0073			Laminated Insulated Glass, Field Installed Glass (08 81 23 23-0051)		
08 81 23 23-0074	SF		1" Thick, Laminated Insulating Glass, Field Installed Glass..... Note: Insulated glass units consisting of 1/4" thick inner pane, 3/16" air gap, and outer laminated pane of 0.060" PVB film between two layers 1/4" thick glass. For >50 To 200, Deduct For >200 To 400, Deduct For >400, Deduct For Glass Removal And Preparing Opening For New Glazing, Add For Tinted Glass, Add For Reflective Coated Glass, Add For Low-E Coated Glass, Add For Argon Gas, Add	101.92 -2.34 -4.67 -7.01 24.02 11.69 23.37 19.48 10.71	
08 81 23 23-0075	SF		1-3/16" Thick, Laminated Insulating Glass, Field Installed Glass Note: Insulated glass units consisting of 1/4" thick inner pane, 3/8" air gap, and outer laminated pane of 0.060" PVB film between two layers 1/4" thick glass. For >50 To 200, Deduct For >200 To 400, Deduct For >400, Deduct For Glass Removal And Preparing Opening For New Glazing, Add For Tinted Glass, Add For Reflective Coated Glass, Add For Low-E Coated Glass, Add For Argon Gas, Add	122.04 -2.84 -5.68 -8.51 27.45 14.19 28.38 23.65 13.01	
08 81 23 23-0076	SF		1-5/16" Thick, Laminated Insulating Glass, Field Installed Glass Note: Insulated glass units consisting of 1/4" thick inner pane, 1/2" air gap, and outer laminated pane of 0.060" PVB film between two layers 1/4" thick glass. For >50 To 200, Deduct For >200 To 400, Deduct For >400, Deduct For Glass Removal And Preparing Opening For New Glazing, Add For Tinted Glass, Add For Reflective Coated Glass, Add For Low-E Coated Glass, Add For Argon Gas, Add	142.72 -3.34 -6.68 -10.01 31.45 16.69 33.38 27.82 15.30	
08 81 23 23-0077			Spandrel Field Installed Glass (08 81 23 23)		
08 81 23 23-0078			Monolithic Float Glass Panels Ceramic Back, Coated, Field Installed Glass (08 81 23 23-0077)		
08 81 23 23-0079	SF		1/4" - 5/16" Spandrel Glass, Up To 1,000 SF, Field Installed Glass For Glass Removal And Preparing Opening For New Glazing, Add	41.31 19.06	
08 81 23 23-0080	SF		1/4" - 5/16" Spandrel Glass, >1,000 SF, Field Installed Glass For Glass Removal And Preparing Opening For New Glazing, Add	36.53 19.06	
08 81 23 23-0081			Insulating Float Glass Panels Ceramic Back, Coated, Tempered, Field Installed Glass (08 81 23 23-0077)		
08 81 23 23-0082			1/4" Glass With 1" Fiberglass Insulation, Field Installed Glass (08 81 23 23-0081) Note: Also with aluminum foil vapor barrier.		
08 81 23 23-0083	SF		1/4" Spandrel Glass With 1" Fiberglass Insulation Up To 20,000 SF, Foil Vapor Barrier, Field Installed Glass..... For Glass Removal And Preparing Opening For New Glazing, Add	46.28 19.06	
08 81 23 23-0084	SF		1/4" Spandrel Glass With 1" Fiberglass Insulation >20,000 SF, Foil Vapor Barrier, Field Installed Glass For Glass Removal And Preparing Opening For New Glazing, Add	40.87 19.06	
08 81 23 23-0085			1/4" Glass With 3/4 To 7/8" Insulation, Field Installed Glass (08 81 23 23-0081)		
08 81 23 23-0086	SF		1/4" Spandrel Glass, 3/4" - 7/8" Insulation 24 Gauge Steel Interfacing, Field Installed Glass For Glass Removal And Preparing Opening For New Glazing, Add	55.67 19.06	
08 81 23 23-0087	SF		1/4" Spandrel Glass, 3/4" - 7/8" Insulation 16 Gauge Steel Interfacing, Field Installed Glass For Glass Removal And Preparing Opening For New Glazing, Add	45.05 19.06	

08 83 Mirrors (08 80)

Note: Kind FT, Type I, Class I, Quality Q1.

08 83 13 Mirrored Glass Glazing (08 83)

08 83 13 00-0001			Mirror Glass (08 83 13)		
08 83 13 00-0002			One-Way Vision Glass (Transparent Mirrors) (08 83 13 00-0001)		

08 Openings**08 80 Glazing****08 83 Mirrors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 83 13 00-0003	SF 1/4" One-Way Vision Glass (Transparent Mirrors).....	91.16	8.58
	<i>For >50 To 200, Deduct</i>	-2.23	
	<i>For >200 To 400, Deduct</i>	-3.71	
	<i>For >400, Deduct</i>	-5.94	
08 83 13 00-0004	Tempered, One-Way Vision Glass (Transparent Mirrors) (08 83 13 00-0001)		
08 83 13 00-0005	SF 1/4" Tempered, One-Way Vision Glass (Transparent Mirrors).....	128.00	8.58
	<i>For >50 To 200, Deduct</i>	-3.33	
	<i>For >200 To 400, Deduct</i>	-5.55	
	<i>For >400, Deduct</i>	-8.88	
08 83 13 00-0006	Clear Mirror Glass (08 83 13 00-0001)		
08 83 13 00-0007	SF 1/8" Clear Mirror Glass	30.21	6.86
	<i>For >50 To 200, Deduct</i>	-0.49	
	<i>For >200 To 400, Deduct</i>	-0.82	
	<i>For >400, Deduct</i>	-1.32	
08 83 13 00-0008	SF 3/16" Clear Mirror Glass	35.74	8.01
	<i>For >50 To 200, Deduct</i>	-0.60	
	<i>For >200 To 400, Deduct</i>	-1.00	
	<i>For >400, Deduct</i>	-1.60	
08 83 13 00-0009	SF 1/4" Clear Mirror Glass	39.21	8.58
	<i>For >50 To 200, Deduct</i>	-0.67	
	<i>For >200 To 400, Deduct</i>	-1.11	
	<i>For >400, Deduct</i>	-1.78	
08 83 13 00-0010	Tempered, Clear Mirror Glass (08 83 13 00-0001)		
08 83 13 00-0011	SF 1/8" Tempered, Clear Mirror Glass	49.99	6.86
	<i>For >50 To 200, Deduct</i>	-1.09	
	<i>For >200 To 400, Deduct</i>	-1.81	
	<i>For >400, Deduct</i>	-2.90	
08 83 13 00-0012	SF 3/16" Tempered, Clear Mirror Glass	56.73	8.01
	<i>For >50 To 200, Deduct</i>	-1.23	
	<i>For >200 To 400, Deduct</i>	-2.05	
	<i>For >400, Deduct</i>	-3.28	
08 83 13 00-0013	SF 1/4" Tempered, Clear Mirror Glass	62.61	8.58
	<i>For >50 To 200, Deduct</i>	-1.37	
	<i>For >200 To 400, Deduct</i>	-2.28	
	<i>For >400, Deduct</i>	-3.65	
08 83 13 00-0014	Clear Mirror Glass With Laminated Safety Backing (08 83 13 00-0001)		
08 83 13 00-0015	SF 1/4" Clear Mirror Glass With Laminated Safety Backing.....	40.41	8.58
	<i>For >50 To 200, Deduct</i>	-0.70	
	<i>For >200 To 400, Deduct</i>	-1.17	
	<i>For >400, Deduct</i>	-1.88	
08 83 13 00-0016	Laminated Safety Mirror Glass (08 83 13 00-0001)		
	Note: Clear glass laminated to face of mirror with PVB interlayer.		
08 83 13 00-0017	SF 1/4" Laminated Safety Mirror Glass	76.96	8.58
	<i>For >50 To 200, Deduct</i>	-1.80	
	<i>For >200 To 400, Deduct</i>	-3.00	
	<i>For >400, Deduct</i>	-4.80	
08 83 13 00-0018	Accessories For Mirror Glass (08 83 13)		
08 83 13 00-0019	LF 1/8" Aluminum J-Channel For Mounting Mirror Glass.....	5.64	
08 83 13 00-0020	LF 3/16" Aluminum J-Channel For Mounting Mirror Glass.....	5.76	
08 83 13 00-0021	LF 1/4" Aluminum J-Channel For Mounting Mirror Glass.....	7.27	
08 83 13 00-0022	LF Aluminum Frame For Mounting Mirror Glass.....	9.38	

08 84 Plastic Glazing (08 80)**08 84 00 00-0001** Clear Polycarbonate Glazing (GE Lexan) (08 84)

See CSI section 08 88 53 00-0026 for security rated polycarbonate glazing.

08 84 00 00-0002	SF 1/8" Thick, Clear Polycarbonate Glazing (GE Lexan)	19.13	
	<i>For >50 To 200, Deduct</i>	-0.42	
	<i>For >200 To 400, Deduct</i>	-0.83	
	<i>For >400, Deduct</i>	-1.25	
	<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	10.79	
08 84 00 00-0003	SF 3/16" Thick, Clear Polycarbonate Glazing (GE Lexan)	20.14	
	<i>For >50 To 200, Deduct</i>	-0.45	
	<i>For >200 To 400, Deduct</i>	-0.89	
	<i>For >400, Deduct</i>	-1.34	
	<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	11.21	
08 84 00 00-0004	SF 1/4" Thick, Clear Polycarbonate Glazing (GE Lexan)	23.76	
	<i>For >50 To 200, Deduct</i>	-0.61	
	<i>For >200 To 400, Deduct</i>	-1.21	
	<i>For >400, Deduct</i>	-1.82	
	<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	11.66	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 84 00 00-0005	SF		3/8" Thick, Clear Polycarbonate Glazing (GE Lexan)	33.72	
			<i>For >50 To 200, Deduct</i>	-1.09	
			<i>For >200 To 400, Deduct</i>	-2.17	
			<i>For >400, Deduct</i>	-3.26	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	11.99	
08 84 00 00-0006	SF		1/2" Thick, Clear Polycarbonate Glazing (GE Lexan)	42.39	
			<i>For >50 To 200, Deduct</i>	-1.48	
			<i>For >200 To 400, Deduct</i>	-2.95	
			<i>For >400, Deduct</i>	-4.43	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	12.86	
08 84 00 00-0007			Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10) <small>(08 84)</small>		
08 84 00 00-0008	SF		1/8" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	27.93	
			<i>For >50 To 200, Deduct</i>	-0.86	
			<i>For >200 To 400, Deduct</i>	-1.71	
			<i>For >400, Deduct</i>	-2.57	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	10.79	
08 84 00 00-0009	SF		3/16" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	32.30	
			<i>For >50 To 200, Deduct</i>	-1.05	
			<i>For >200 To 400, Deduct</i>	-2.11	
			<i>For >400, Deduct</i>	-3.16	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	11.21	
08 84 00 00-0010	SF		1/4" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	34.10	
			<i>For >50 To 200, Deduct</i>	-1.12	
			<i>For >200 To 400, Deduct</i>	-2.24	
			<i>For >400, Deduct</i>	-3.37	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	11.66	
08 84 00 00-0011	SF		3/8" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	55.34	
			<i>For >50 To 200, Deduct</i>	-2.17	
			<i>For >200 To 400, Deduct</i>	-4.34	
			<i>For >400, Deduct</i>	-6.50	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	11.99	
08 84 00 00-0012	SF		1/2" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	58.81	
			<i>For >50 To 200, Deduct</i>	-2.30	
			<i>For >200 To 400, Deduct</i>	-4.60	
			<i>For >400, Deduct</i>	-6.89	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	12.86	
08 84 00 00-0013			Clear Acrylic Glazing (Plexiglas) <small>(08 84)</small>		
08 84 00 00-0014	SF		1/10" Thick, Clear Acrylic Glazing (Plexiglas)	13.68	
			<i>For >50 To 200, Deduct</i>	-0.17	
			<i>For >200 To 400, Deduct</i>	-0.34	
			<i>For >400, Deduct</i>	-0.51	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	10.30	
			<i>For Colored, Add</i>	0.68	
			<i>For Shatterproof, Add</i>	2.03	
			<i>For Mirrored, Add</i>	2.70	
08 84 00 00-0015	SF		1/8" Thick, Clear Acrylic Glazing (Plexiglas)	14.21	
			<i>For >50 To 200, Deduct</i>	-0.17	
			<i>For >200 To 400, Deduct</i>	-0.34	
			<i>For >400, Deduct</i>	-0.51	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	10.79	
			<i>For Colored, Add</i>	0.68	
			<i>For Shatterproof, Add</i>	2.05	
			<i>For Mirrored, Add</i>	2.74	
08 84 00 00-0016	SF		3/16" Thick, Clear Acrylic Glazing (Plexiglas)	16.55	
			<i>For >50 To 200, Deduct</i>	-0.27	
			<i>For >200 To 400, Deduct</i>	-0.53	
			<i>For >400, Deduct</i>	-0.80	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	11.21	
			<i>For Colored, Add</i>	1.07	
			<i>For Shatterproof, Add</i>	3.20	
			<i>For Mirrored, Add</i>	4.27	
08 84 00 00-0017	SF		1/4" Thick, Clear Acrylic Glazing (Plexiglas)	18.70	
			<i>For >50 To 200, Deduct</i>	-0.35	
			<i>For >200 To 400, Deduct</i>	-0.70	
			<i>For >400, Deduct</i>	-1.06	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	11.66	
			<i>For Colored, Add</i>	1.41	
			<i>For Shatterproof, Add</i>	4.22	
			<i>For Mirrored, Add</i>	5.63	
08 84 00 00-0018	SF		5/16" Thick, Clear Acrylic Glazing (Plexiglas)	19.09	
			<i>For >50 To 200, Deduct</i>	-0.37	
			<i>For >200 To 400, Deduct</i>	-0.74	
			<i>For >400, Deduct</i>	-1.11	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	11.72	
			<i>For Colored, Add</i>	1.47	
			<i>For Shatterproof, Add</i>	4.42	
			<i>For Mirrored, Add</i>	5.90	
08 84 00 00-0019	SF		3/8" Thick, Clear Acrylic Glazing (Plexiglas)	19.70	
			<i>For >50 To 200, Deduct</i>	-0.39	
			<i>For >200 To 400, Deduct</i>	-0.77	
			<i>For >400, Deduct</i>	-1.16	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	11.99	
			<i>For Colored, Add</i>	1.54	
			<i>For Shatterproof, Add</i>	4.63	
			<i>For Mirrored, Add</i>	6.17	

08 Openings**08 80 Glazing****08 84 Plastic Glazing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 84 00 00-0020	SF	1/2" Thick, Clear Acrylic Glazing (Plexiglas)	23.05	
		<i>For >50 To 200, Deduct</i>	-0.51	
		<i>For >200 To 400, Deduct</i>	-1.02	
		<i>For >400, Deduct</i>	-1.53	
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	12.86	
		<i>For Colored, Add</i>	2.04	
		<i>For Shatterproof, Add</i>	6.11	
		<i>For Mirrored, Add</i>	8.15	
08 84 00 00-0021	SF	3/4" Thick, Clear Acrylic Glazing (Plexiglas)	32.15	
		<i>For >50 To 200, Deduct</i>	-0.79	
		<i>For >200 To 400, Deduct</i>	-1.59	
		<i>For >400, Deduct</i>	-2.38	
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	16.28	
08 84 00 00-0022	SF	1" Thick, Clear Acrylic Glazing (Plexiglas)	42.09	
		<i>For >50 To 200, Deduct</i>	-1.22	
		<i>For >200 To 400, Deduct</i>	-2.44	
		<i>For >400, Deduct</i>	-3.66	
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	17.68	

08 85 Glazing Accessories (08 80)

Note: Applicable to reglazing tasks only, new window installation includes the gasket.

08 85 00 00-0001 Framing For Glass Windscreens (08 85)

Note: Excludes glazing.

08 85 00 00-0002	LF	1-1/4" x 1-1/2" Aluminum Framed Window Walls	43.19	2.09
		<i>For Bronze Anodized Aluminum, Add</i>	5.62	
		<i>For Stainless Steel, Add</i>	22.75	
		<i>For Black Anodized Finish, Add</i>	10.11	
08 85 00 00-0003	LF	1-1/2" x 2" Aluminum Framed Window Walls	53.86	2.61
		<i>For Bronze Anodized Aluminum, Add</i>	7.14	
		<i>For Stainless Steel, Add</i>	28.87	
		<i>For Black Anodized Finish, Add</i>	12.85	
08 85 00 00-0004	LF	1-1/2" x 3" Aluminum Framed Window Walls	64.20	2.09
		<i>For Bronze Anodized Aluminum, Add</i>	8.53	
		<i>For Stainless Steel, Add</i>	34.49	
		<i>For Black Anodized Finish, Add</i>	15.36	
08 85 00 00-0005	LF	1-1/2" x 4" Aluminum Framed Window Walls	77.39	3.13
		<i>For Bronze Anodized Aluminum, Add</i>	10.20	
		<i>For Stainless Steel, Add</i>	41.26	
		<i>For Black Anodized Finish, Add</i>	18.35	
08 85 00 00-0006	LF	2" x 3" Aluminum Framed Window Walls	80.11	2.61
		<i>For Bronze Anodized Aluminum, Add</i>	10.84	
		<i>For Stainless Steel, Add</i>	43.75	
		<i>For Black Anodized Finish, Add</i>	19.51	
08 85 00 00-0007	LF	2" x 4" Aluminum Framed Window Walls	96.77	3.13
		<i>For Bronze Anodized Aluminum, Add</i>	12.95	
		<i>For Stainless Steel, Add</i>	52.31	
		<i>For Black Anodized Finish, Add</i>	23.31	

08 87 Glazing Surface Films (08 80)**08 87 13 Solar Control Films** (08 87)

Note: Applied directly to one side of glazing with adhesive.

08 87 13 00-0001 Solar Control Window Films (08 87 13)

Note: Applied directly to one side of glazing with adhesive. Includes cleaning of window glazing prior to installation.

08 87 13 00-0002	SF	20% VLT, Bronze Window Tinting Film	10.90	
08 87 13 00-0003	SF	50% VLT, Bronze Window Tinting Film	10.90	
08 87 13 00-0004	SF	Tinted, Abrasion Resistant, Solar Control Window Film (3M Scotchtint™)	16.93	
08 87 13 00-0005	SF	Low E, Abrasion Resistant, Solar Control Window Film (3M Scotchtint™)	17.54	

08 87 23 Safety and Security Films (08 87)**08 87 23 16 Security Films** (08 87 23)

Note: Applied directly to one side of glazing with adhesive and secured at window frame with clear silicone adhesive.

08 87 23 16-0001 High Performance, Security And Safety Glazing Films (08 87 23 16)

Note: Includes cleaning of window glazing prior to installation.

08 87 23 16-0002 Clear, High Performance, Security And Safety Glazing Films (08 87 23 16-0001)

08 87 23 16-0003	SF	0.002" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ SCLARL150)	17.21	
		<i>For >1,000 To 5,000, Deduct</i>	-0.78	
		<i>For >5,000, Deduct</i>	-1.12	
08 87 23 16-0004	SF	0.004" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ SCLARL400)	18.36	
		<i>For >1,000 To 5,000, Deduct</i>	-0.83	
		<i>For >5,000, Deduct</i>	-1.24	
08 87 23 16-0005	SF	0.006" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ Ultra600)	19.96	
		<i>For >1,000 To 5,000, Deduct</i>	-0.88	
		<i>For >5,000, Deduct</i>	-1.40	

08 87 23 16-0006 Tinted, High Performance Sun/Solar, Security And Safety Glazing Films (08 87

08 87 23 16-0007	SF	0.004" Silver, 20% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S20SIAR400)	19.63	
		<i>For >1,000 To 5,000, Deduct</i>	-0.87	
		<i>For >5,000, Deduct</i>	-1.37	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 87 23 16-0008	SF		0.004" Neutral, 35% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S35NEAR400).....	19.63	
			<i>For >1,000 To 5,000, Deduct</i>	-0.87	
			<i>For >5,000, Deduct</i>	-1.37	
08 87 23 16-0009	SF		0.004" Neutral, 50% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S50NEAR400).....	19.63	
			<i>For >1,000 To 5,000, Deduct</i>	-0.87	
			<i>For >5,000, Deduct</i>	-1.37	
08 87 23 16-0010			Security And Safety Glazing Films (08 87 23 16)		
			Note: Includes cleaning of window glazing prior to installation.		
08 87 23 16-0011	SF		0.007" Clear Security And Safety Glazing Film (3M Scotchshield™ SH7CLARL).....	15.95	
			<i>For >1,000 To 5,000, Deduct</i>	-0.74	
			<i>For >5,000, Deduct</i>	-1.00	
08 87 23 16-0012	SF		0.008" Clear Security And Safety Glazing Film (3M Scotchshield™ SH8CLARL).....	16.25	
			<i>For >1,000 To 5,000, Deduct</i>	-0.75	
			<i>For >5,000, Deduct</i>	-1.03	
08 87 23 16-0013	SF		0.014" Clear Security And Safety Glazing Film (3M Scotchshield™ SH14CLARL).....	19.14	
			<i>For >1,000 To 5,000, Deduct</i>	-0.85	
			<i>For >5,000, Deduct</i>	-1.32	
08 87 23 16-0014			Anti-Graffiti Glazing Films (08 87 23 16)		
			Note: Includes cleaning of window glazing prior to installation.		
08 87 23 16-0015	SF		0.004" Clear Anti-Graffiti Glazing Film (3M Scotchgard™ AG-4).....	15.95	
			<i>For >1,000 To 5,000, Deduct</i>	-0.74	
			<i>For >5,000, Deduct</i>	-1.00	
08 87 23 16-0016	SF		0.007" Clear Anti-Graffiti Glazing Film (3M Scotchgard™ AG-7).....	16.25	
			<i>For >1,000 To 5,000, Deduct</i>	-0.75	
			<i>For >5,000, Deduct</i>	-1.03	
08 88 Special Function Glazing (08 80)					
08 88 49 Radiation-Resistant Glazing (08 88)					
08 88 49 00-0001			Leaded Glass (X-Ray Shielding) (08 88 49)		
08 88 49 00-0002	SF		1/4" Thick Lead Glass With 1/16" Lead Equivalence.....	354.64	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	21.73	
08 88 49 00-0003	SF		1/4" Thick Lead Glass With 1/8" Lead Equivalence.....	527.31	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	21.73	
08 88 53 Security Glazing (08 88)					
08 88 53 00-0001			Forced Entry And/Or Ballistic Resistant All Glass Laminate (08 88 53)		
08 88 53 00-0002			Ballistic Resistant Glass (08 88 53 00-0001)		
08 88 53 00-0003	SF		1.28" All Glass Laminate Ballistic Resistant Glass, 16.2 LB/SF, For A Single Piece, Up To 15 SF.....	141.75	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	70.90	
08 88 53 00-0004	SF		1.28" All Glass Laminate Ballistic Resistant Glass, 16.2 LB/SF, For A Single Piece, >15 SF.....	165.75	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	70.90	
08 88 53 00-0005	SF		1.55" All Glass Laminate Ballistic Resistant Glass, 21.2 LB/SF, For A Single Piece, Up To 15 SF.....	187.98	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	80.06	
08 88 53 00-0006	SF		1.55" All Glass Laminate Ballistic Resistant Glass, 21.2 LB/SF, For A Single Piece, >15 SF.....	208.03	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	80.06	
08 88 53 00-0007	SF		2.05" All Glass Laminate Ballistic Resistant Glass, 26.1 LB/SF, For A Single Piece, Up To 15 SF.....	236.46	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	91.48	
08 88 53 00-0008	SF		2.05" All Glass Laminate Ballistic Resistant Glass, 26.1 LB/SF, For A Single Piece, >15 SF.....	252.57	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	91.48	
08 88 53 00-0009			Forced Entry Resistant Glass (08 88 53 00-0001)		
08 88 53 00-0010	SF		5/16" Forced Entry Resistant Laminated Glass Sheet.....	51.85	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	17.86	
08 88 53 00-0011	SF		1/2" Forced Entry Resistant Laminated Glass Sheet.....	58.79	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	19.06	
08 88 53 00-0012	SF		11/16" Forced Entry Resistant Laminated Glass Sheet.....	66.98	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	20.42	
08 88 53 00-0013	SF		7/8" Forced Entry Resistant Laminated Glass Sheet.....	80.88	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	21.99	
08 88 53 00-0014			Glass Clad Polycarbonate (08 88 53)		
08 88 53 00-0015	SF		0.75" Ballistic Resistant Glass/Poly, 7.84 LB/SF.....	206.41	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	86.91	
08 88 53 00-0016	SF		0.8125" Ballistic Resistant Glass/Poly, 8.99 LB/SF.....	231.00	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	100.64	
08 88 53 00-0017	SF		0.9375" Ballistic Resistant Glass/Poly, 11.11 LB/SF.....	294.38	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	114.36	
08 88 53 00-0018			Ballistic Resistant Acrylic (08 88 53)		
08 88 53 00-0019	SF		1.25" Ballistic Resistant Acrylic Glass, 7.7 LB/SF.....	350.73	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	86.91	
08 88 53 00-0020	SF		1.378" Ballistic Resistant Acrylic Glass, 8.5 LB/SF.....	411.02	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	100.64	

08 Openings**08 80 Glazing****08 88 Special Function Glazing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 88 53 00-0021	SF	1.25" Ballistic Resistant Acrylic Glass, 7.5 LB/SF	548.89	
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	114.36	
08 88 53 00-0022		Ballistic Resistant Fiberglass (08 88 53)		
08 88 53 00-0023	SF	5/16" Ballistic Resistant Fiberglass, Level 1, 3.2 LB/SF	87.53	
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	43.46	
08 88 53 00-0024	SF	3/8" Ballistic Resistant Fiberglass, Level 2, 3.5 LB/SF	103.49	
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	50.32	
08 88 53 00-0025	SF	7/16" Ballistic Resistant Fiberglass, Level 3, 4.5 LB/SF	117.39	
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	57.18	
08 88 53 00-0026		Forced Entry And/Or Ballistic Resistant Polycarbonate (08 88 53)		
08 88 53 00-0027		Forced Entry Resistant Monolithic Polycarbonate (08 88 53 00-0026)		
		Note: GE-Lexan MR10.		
08 88 53 00-0028	SF	1/2" Overall Nominal Thickness, H.P. White TP-0500.01	121.14	
		Note: Level 1 or ASTM F1233, Class II (Step 5).		
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	69.31	
08 88 53 00-0029		Forced Entry Resistant Glass Clad Polycarbonate Laminate (08 88 53 00-0026)		
		Note: Chemically strengthened clear glass laminated to each side of a polycarbonate core. GE-Insulgard.		
08 88 53 00-0030	SF	9/16" Overall Nominal Thickness, H.P. White TP-0500.01	149.76	
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	85.77	
08 88 53 00-0031		Forced Entry Resistant Polycarbonate Laminate (08 88 53 00-0026)		
		Note: GE-Lexgard MPC-500.		
08 88 53 00-0032	SF	1/2" Overall Nominal Thickness, H.P. White TP-0500.01	183.85	
		Note: Level II (Step 12) Or ASTM 1233 Class III (Step 15).		
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	91.48	
08 88 53 00-0033		Fire Resistant, Forced Entry Resistant Polycarbonate Laminate (08 88 53 00-0026)		
		Note: Wire glass clad. Chemically strengthened wire glass laminated to each side of a polycarbonate core. GE-Firegard.		
08 88 53 00-0034	SF	7/8" Overall Nominal Thickness, H.P. White TP-0500.01	201.45	
		Note: UL-9 Fire Resistant.		
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	97.21	
08 88 53 00-0035		Insulated, Forced Entry Resistant Polycarbonate Laminate (08 88 53 00-0026)		
		Note: Glass clad. Chemically strengthened wire glass laminated to each side of a polycarbonate core. GE-Insulgard.		
08 88 53 00-0036	SF	1-5/16" Overall Nominal Thickness, H.P. White TP-0500.01	172.64	
		Note: Level I (1/4" tempered float glass, 1/2" airspace).		
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	85.77	
08 88 53 00-0037		Ballistic And Forced Entry Resistant Polycarbonate Laminate (08 88 53 00-0026)		
08 88 53 00-0038	SF	1" Nominal Thickness, Ballistic Or Forced Entry Resistant	398.17	
		Note: 1" is the overall nominal thickness. (GE-Lexgard MP-1000) forced entry resistance: H.P. White TP-0500.01, level V (step 42) or ASTM 1233 class V (Step 40) ballistic resistance: UL 752, level 2-high powered small arms (.357 Magnum handgun).		
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	189.83	
08 88 53 00-0039	SF	1-1/4" Nominal Thickness, Ballistic Or Forced Entry Resistant	403.09	
		Note: 1 1/4" is the overall nominal thickness. (GE-Lexgard MP-1000) forced entry resistance: H.P. White TP-0500.01, level V (Step 42) or ASTM 1233 class V (step 40) ballistic resistance: UL 752, level 3-super high powered small arms (.44 Magnum handgun).		
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	189.83	
08 88 53 00-0040		Ballistic Resistant Glass Clad Polycarbonate Laminate (08 88 53 00-0026)		
		Note: Chemically strengthened clear glass laminated to attack side of a polycarbonate core.		
08 88 53 00-0041	SF	1-5/16" Overall Nominal Thickness, Ballistic Resistant	265.04	
		Note: UL 752, Level 4 - Super High Powered Rifle (.30-06 Rifle), (GE-Armor-Gard).		
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	128.08	

08 90 Louvers and Vents (08)**08 91 Louvers** (08 90)**08 91 13 Motorized Wall Louvers** (08 91)**08 91 13 00-0001 Motorized Wall Louver Actuator** (08 91 13)

See CSI section 08 91 16 00-0001 for adjustable intake wall louvers.

08 91 13 00-0002	EA	115 Volt Actuator For Adjustable Intake Louver	1,879.10	101.27
08 91 13 00-0003	EA	230 Volt Actuator For Adjustable Intake Louver	2,896.79	101.27
08 91 13 00-0004	EA	24 Volt Actuator For Adjustable Intake Louver	2,024.16	101.27
08 91 13 00-0005	EA	115 Volt Hazardous Location Actuator For Adjustable Intake Louver	7,997.68	101.27

08 91 16 Operable Wall Louvers (08 91)

MINOR	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 91 16 00-0001	Adjustable Intake Wall Louvers <small>(08 91 16)</small> See CSI section 08 91 16 00-0137 for adjustable intake wall louver operators.		
08 91 16 00-0002	EA 12" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum.....	519.40	26.81
	Note: Includes bird screen. Excludes actuator.		
	For Flange Frame, Add	46.58	
	For Clear Lacquer Finish, Add	93.16	
	For Baked Enamel Standard Colors, Add	139.73	
	For Anodized Finish, Add	186.31	
	For Kynar® Standard Colors Finish, Add	256.18	
08 91 16 00-0003	EA 12" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum.....	649.17	32.77
	Note: Includes bird screen. Excludes actuator.		
	For Flange Frame, Add	58.36	
	For Clear Lacquer Finish, Add	116.73	
	For Baked Enamel Standard Colors, Add	175.09	
	For Anodized Finish, Add	233.46	
	For Kynar® Standard Colors Finish, Add	321.00	
08 91 16 00-0004	EA 12" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum.....	767.61	38.72
	Note: Includes bird screen. Excludes actuator.		
	For Flange Frame, Add	69.02	
	For Clear Lacquer Finish, Add	138.03	
	For Baked Enamel Standard Colors, Add	207.05	
	For Anodized Finish, Add	276.07	
	For Kynar® Standard Colors Finish, Add	379.59	
08 91 16 00-0005	EA 12" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum.....	898.51	44.68
	Note: Includes bird screen. Excludes actuator.		
	For Flange Frame, Add	80.92	
	For Clear Lacquer Finish, Add	161.83	
	For Baked Enamel Standard Colors, Add	242.75	
	For Anodized Finish, Add	323.66	
	For Kynar® Standard Colors Finish, Add	445.04	
08 91 16 00-0006	EA 12" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum.....	1,012.43	50.64
	Note: Includes bird screen. Excludes actuator.		
	For Flange Frame, Add	91.12	
	For Clear Lacquer Finish, Add	182.23	
	For Baked Enamel Standard Colors, Add	273.35	
	For Anodized Finish, Add	364.46	
	For Kynar® Standard Colors Finish, Add	501.14	
08 91 16 00-0007	EA 12" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum.....	1,195.46	56.60
	Note: Includes bird screen. Excludes actuator.		
	For Flange Frame, Add	108.23	
	For Clear Lacquer Finish, Add	216.46	
	For Baked Enamel Standard Colors, Add	324.68	
	For Anodized Finish, Add	432.91	
	For Kynar® Standard Colors Finish, Add	595.25	
08 91 16 00-0008	EA 12" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum.....	1,362.64	62.55
	Note: Includes bird screen. Excludes actuator.		
	For Flange Frame, Add	123.75	
	For Clear Lacquer Finish, Add	247.51	
	For Baked Enamel Standard Colors, Add	371.26	
	For Anodized Finish, Add	495.02	
	For Kynar® Standard Colors Finish, Add	680.65	
08 91 16 00-0009	EA 12" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum.....	1,513.11	71.49
	Note: Includes bird screen. Excludes actuator.		
	For Flange Frame, Add	137.01	
	For Clear Lacquer Finish, Add	274.03	
	For Baked Enamel Standard Colors, Add	411.04	
	For Anodized Finish, Add	548.06	
	For Kynar® Standard Colors Finish, Add	753.58	
08 91 16 00-0010	EA 12" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum.....	1,614.54	77.44
	Note: Includes bird screen. Excludes actuator.		
	For Flange Frame, Add	145.97	
	For Clear Lacquer Finish, Add	291.93	
	For Baked Enamel Standard Colors, Add	437.90	
	For Anodized Finish, Add	583.86	
	For Kynar® Standard Colors Finish, Add	802.81	
08 91 16 00-0011	EA 12" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum.....	1,742.06	83.39
	Note: Includes bird screen. Excludes actuator.		
	For Flange Frame, Add	157.53	
	For Clear Lacquer Finish, Add	315.05	
	For Baked Enamel Standard Colors, Add	472.58	
	For Anodized Finish, Add	630.10	
	For Kynar® Standard Colors Finish, Add	866.39	
08 91 16 00-0012	EA 12" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum.....	1,853.70	89.35
	Note: Includes bird screen. Excludes actuator.		
	For Flange Frame, Add	167.50	
	For Clear Lacquer Finish, Add	335.00	
	For Baked Enamel Standard Colors, Add	502.50	
	For Anodized Finish, Add	670.00	
	For Kynar® Standard Colors Finish, Add	921.24	
08 91 16 00-0013	EA 12" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum.....	1,997.08	95.31
	Note: Includes bird screen. Excludes actuator.		
	For Flange Frame, Add	180.65	
	For Clear Lacquer Finish, Add	361.29	
	For Baked Enamel Standard Colors, Add	541.94	
	For Anodized Finish, Add	722.58	
	For Kynar® Standard Colors Finish, Add	993.55	

08 Openings

08 90 Louvers and Vents

08 91 Louvers

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 91 16 00-0014	EA	12" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum.....	2,134.78	101.27
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	193.22	
		<i>For Clear Lacquer Finish, Add</i>	386.45	
		<i>For Baked Enamel Standard Colors, Add</i>	579.67	
		<i>For Anodized Finish, Add</i>	772.90	
		<i>For Kynar® Standard Colors Finish, Add</i>	1,062.73	
08 91 16 00-0015	EA	12" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum.....	2,305.66	110.20
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	208.52	
		<i>For Clear Lacquer Finish, Add</i>	417.05	
		<i>For Baked Enamel Standard Colors, Add</i>	625.57	
		<i>For Anodized Finish, Add</i>	834.10	
		<i>For Kynar® Standard Colors Finish, Add</i>	1,146.88	
08 91 16 00-0016	EA	12" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum.....	2,431.18	119.14
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	219.29	
		<i>For Clear Lacquer Finish, Add</i>	438.58	
		<i>For Baked Enamel Standard Colors, Add</i>	657.87	
		<i>For Anodized Finish, Add</i>	877.16	
		<i>For Kynar® Standard Colors Finish, Add</i>	1,206.10	
08 91 16 00-0017	EA	18" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum.....	582.31	32.77
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	51.68	
		<i>For Clear Lacquer Finish, Add</i>	103.36	
		<i>For Baked Enamel Standard Colors, Add</i>	155.03	
		<i>For Anodized Finish, Add</i>	206.71	
		<i>For Kynar® Standard Colors Finish, Add</i>	284.23	
08 91 16 00-0018	EA	18" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum.....	735.03	41.70
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	65.16	
		<i>For Clear Lacquer Finish, Add</i>	130.33	
		<i>For Baked Enamel Standard Colors, Add</i>	195.49	
		<i>For Anodized Finish, Add</i>	260.66	
		<i>For Kynar® Standard Colors Finish, Add</i>	358.40	
08 91 16 00-0019	EA	18" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum.....	862.54	47.66
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	76.72	
		<i>For Clear Lacquer Finish, Add</i>	153.45	
		<i>For Baked Enamel Standard Colors, Add</i>	230.17	
		<i>For Anodized Finish, Add</i>	306.89	
		<i>For Kynar® Standard Colors Finish, Add</i>	421.98	
08 91 16 00-0020	EA	18" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum.....	1,073.36	59.57
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	95.42	
		<i>For Clear Lacquer Finish, Add</i>	190.84	
		<i>For Baked Enamel Standard Colors, Add</i>	286.27	
		<i>For Anodized Finish, Add</i>	381.69	
		<i>For Kynar® Standard Colors Finish, Add</i>	524.82	
08 91 16 00-0021	EA	18" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum.....	1,221.27	65.53
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	109.02	
		<i>For Clear Lacquer Finish, Add</i>	218.04	
		<i>For Baked Enamel Standard Colors, Add</i>	327.07	
		<i>For Anodized Finish, Add</i>	436.09	
		<i>For Kynar® Standard Colors Finish, Add</i>	599.62	
08 91 16 00-0022	EA	18" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum.....	1,369.18	71.49
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	122.62	
		<i>For Clear Lacquer Finish, Add</i>	245.24	
		<i>For Baked Enamel Standard Colors, Add</i>	367.86	
		<i>For Anodized Finish, Add</i>	490.48	
		<i>For Kynar® Standard Colors Finish, Add</i>	674.42	
08 91 16 00-0023	EA	18" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum.....	1,546.55	77.44
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	139.17	
		<i>For Clear Lacquer Finish, Add</i>	278.33	
		<i>For Baked Enamel Standard Colors, Add</i>	417.50	
		<i>For Anodized Finish, Add</i>	556.67	
		<i>For Kynar® Standard Colors Finish, Add</i>	765.42	
08 91 16 00-0024	EA	18" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum.....	1,715.15	86.37
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	154.24	
		<i>For Clear Lacquer Finish, Add</i>	308.48	
		<i>For Baked Enamel Standard Colors, Add</i>	462.72	
		<i>For Anodized Finish, Add</i>	616.96	
		<i>For Kynar® Standard Colors Finish, Add</i>	848.31	
08 91 16 00-0025	EA	18" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum.....	1,849.75	95.31
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	165.91	
		<i>For Clear Lacquer Finish, Add</i>	331.82	
		<i>For Baked Enamel Standard Colors, Add</i>	497.74	
		<i>For Anodized Finish, Add</i>	663.65	
		<i>For Kynar® Standard Colors Finish, Add</i>	912.52	
08 91 16 00-0026	EA	18" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum.....	1,979.52	101.27
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	177.70	
		<i>For Clear Lacquer Finish, Add</i>	355.40	
		<i>For Baked Enamel Standard Colors, Add</i>	533.09	
		<i>For Anodized Finish, Add</i>	710.79	
		<i>For Kynar® Standard Colors Finish, Add</i>	977.34	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0027	EA		18" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum.....	2,101.37	107.22
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	188.69	
			For Clear Lacquer Finish, Add	377.38	
			For Baked Enamel Standard Colors, Add	566.07	
			For Anodized Finish, Add	754.76	
			For Kynar® Standard Colors Finish, Add	1,037.80	
08 91 16 00-0028	EA		18" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum.....	2,259.47	113.18
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	203.31	
			For Clear Lacquer Finish, Add	406.62	
			For Baked Enamel Standard Colors, Add	609.93	
			For Anodized Finish, Add	813.24	
			For Kynar® Standard Colors Finish, Add	1,118.21	
08 91 16 00-0029	EA		18" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum.....	2,411.91	119.14
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	217.36	
			For Clear Lacquer Finish, Add	434.73	
			For Baked Enamel Standard Colors, Add	652.09	
			For Anodized Finish, Add	869.45	
			For Kynar® Standard Colors Finish, Add	1,195.50	
08 91 16 00-0030	EA		18" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum.....	2,597.51	128.07
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	234.14	
			For Clear Lacquer Finish, Add	468.27	
			For Baked Enamel Standard Colors, Add	702.41	
			For Anodized Finish, Add	936.54	
			For Kynar® Standard Colors Finish, Add	1,287.75	
08 91 16 00-0031	EA		18" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum.....	2,737.77	137.01
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	246.38	
			For Clear Lacquer Finish, Add	492.75	
			For Baked Enamel Standard Colors, Add	739.13	
			For Anodized Finish, Add	985.50	
			For Kynar® Standard Colors Finish, Add	1,355.06	
08 91 16 00-0032	EA		24" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum.....	650.88	38.72
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	57.34	
			For Clear Lacquer Finish, Add	114.69	
			For Baked Enamel Standard Colors, Add	172.03	
			For Anodized Finish, Add	229.38	
			For Kynar® Standard Colors Finish, Add	315.39	
08 91 16 00-0033	EA		24" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum.....	826.28	47.66
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	73.10	
			For Clear Lacquer Finish, Add	146.19	
			For Baked Enamel Standard Colors, Add	219.29	
			For Anodized Finish, Add	292.39	
			For Kynar® Standard Colors Finish, Add	402.03	
08 91 16 00-0034	EA		24" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum.....	1,024.34	56.60
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	91.12	
			For Clear Lacquer Finish, Add	182.23	
			For Baked Enamel Standard Colors, Add	273.35	
			For Anodized Finish, Add	364.46	
			For Kynar® Standard Colors Finish, Add	501.14	
08 91 16 00-0035	EA		24" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum.....	1,207.96	68.51
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	107.10	
			For Clear Lacquer Finish, Add	214.19	
			For Baked Enamel Standard Colors, Add	321.29	
			For Anodized Finish, Add	428.38	
			For Kynar® Standard Colors Finish, Add	589.02	
08 91 16 00-0036	EA		24" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum.....	1,370.61	74.47
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	122.17	
			For Clear Lacquer Finish, Add	244.34	
			For Baked Enamel Standard Colors, Add	366.50	
			For Anodized Finish, Add	488.67	
			For Kynar® Standard Colors Finish, Add	671.92	
08 91 16 00-0037	EA		24" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum.....	1,542.31	80.42
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	138.15	
			For Clear Lacquer Finish, Add	276.29	
			For Baked Enamel Standard Colors, Add	414.44	
			For Anodized Finish, Add	552.59	
			For Kynar® Standard Colors Finish, Add	759.81	
08 91 16 00-0038	EA		24" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum.....	1,753.97	89.35
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	157.53	
			For Clear Lacquer Finish, Add	315.05	
			For Baked Enamel Standard Colors, Add	472.58	
			For Anodized Finish, Add	630.10	
			For Kynar® Standard Colors Finish, Add	866.39	
08 91 16 00-0039	EA		24" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum.....	1,931.93	101.27
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	172.94	
			For Clear Lacquer Finish, Add	345.88	
			For Baked Enamel Standard Colors, Add	518.82	
			For Anodized Finish, Add	691.76	
			For Kynar® Standard Colors Finish, Add	951.16	

08 Openings

08 90 Louvers and Vents

08 91 Louvers

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 91 16 00-0040	EA	24" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum	2,070.77	107.22
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	185.63	
		For Clear Lacquer Finish, Add	371.26	
		For Baked Enamel Standard Colors, Add	556.89	
		For Anodized Finish, Add	742.52	
		For Kynar® Standard Colors Finish, Add	1,020.97	
08 91 16 00-0041	EA	24" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum	2,221.52	119.14
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	198.32	
		For Clear Lacquer Finish, Add	396.65	
		For Baked Enamel Standard Colors, Add	594.97	
		For Anodized Finish, Add	793.30	
		For Kynar® Standard Colors Finish, Add	1,090.78	
08 91 16 00-0042	EA	24" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	2,362.62	125.10
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	211.24	
		For Clear Lacquer Finish, Add	422.49	
		For Baked Enamel Standard Colors, Add	633.73	
		For Anodized Finish, Add	844.97	
		For Kynar® Standard Colors Finish, Add	1,161.84	
08 91 16 00-0043	EA	24" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum	2,554.74	131.05
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	229.26	
		For Clear Lacquer Finish, Add	458.53	
		For Baked Enamel Standard Colors, Add	687.79	
		For Anodized Finish, Add	917.05	
		For Kynar® Standard Colors Finish, Add	1,260.95	
08 91 16 00-0044	EA	24" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum	2,717.37	137.01
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	244.34	
		For Clear Lacquer Finish, Add	488.67	
		For Baked Enamel Standard Colors, Add	733.01	
		For Anodized Finish, Add	977.34	
		For Kynar® Standard Colors Finish, Add	1,343.84	
08 91 16 00-0045	EA	24" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum	2,922.23	145.95
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	263.03	
		For Clear Lacquer Finish, Add	526.07	
		For Baked Enamel Standard Colors, Add	789.10	
		For Anodized Finish, Add	1,052.14	
		For Kynar® Standard Colors Finish, Add	1,446.69	
08 91 16 00-0046	EA	24" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	3,072.71	154.88
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	276.29	
		For Clear Lacquer Finish, Add	552.59	
		For Baked Enamel Standard Colors, Add	828.88	
		For Anodized Finish, Add	1,105.18	
		For Kynar® Standard Colors Finish, Add	1,519.62	
08 91 16 00-0047	EA	30" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum	725.12	44.68
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	63.58	
		For Clear Lacquer Finish, Add	127.15	
		For Baked Enamel Standard Colors, Add	190.73	
		For Anodized Finish, Add	254.31	
		For Kynar® Standard Colors Finish, Add	349.67	
08 91 16 00-0048	EA	30" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum	965.70	59.57
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	84.66	
		For Clear Lacquer Finish, Add	169.31	
		For Baked Enamel Standard Colors, Add	253.97	
		For Anodized Finish, Add	338.62	
		For Kynar® Standard Colors Finish, Add	465.61	
08 91 16 00-0049	EA	30" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum	1,146.76	68.51
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	100.98	
		For Clear Lacquer Finish, Add	201.95	
		For Baked Enamel Standard Colors, Add	302.93	
		For Anodized Finish, Add	403.90	
		For Kynar® Standard Colors Finish, Add	555.36	
08 91 16 00-0050	EA	30" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum	1,344.82	77.44
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	118.99	
		For Clear Lacquer Finish, Add	237.99	
		For Baked Enamel Standard Colors, Add	356.98	
		For Anodized Finish, Add	475.98	
		For Kynar® Standard Colors Finish, Add	654.47	
08 91 16 00-0051	EA	30" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum	1,522.20	83.39
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	135.54	
		For Clear Lacquer Finish, Add	271.08	
		For Baked Enamel Standard Colors, Add	406.62	
		For Anodized Finish, Add	542.16	
		For Kynar® Standard Colors Finish, Add	745.47	
08 91 16 00-0052	EA	30" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum	1,705.53	92.33
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	152.09	
		For Clear Lacquer Finish, Add	304.17	
		For Baked Enamel Standard Colors, Add	456.26	
		For Anodized Finish, Add	608.34	
		For Kynar® Standard Colors Finish, Add	836.47	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0053	EA		30" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,925.98	98.29
			<i>For Flange Frame, Add</i>	172.94	
			<i>For Clear Lacquer Finish, Add</i>	345.88	
			<i>For Baked Enamel Standard Colors, Add</i>	518.82	
			<i>For Anodized Finish, Add</i>	691.76	
			<i>For Kynar® Standard Colors Finish, Add</i>	951.16	
08 91 16 00-0054	EA		30" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,113.84	107.22
			<i>For Flange Frame, Add</i>	189.94	
			<i>For Clear Lacquer Finish, Add</i>	379.88	
			<i>For Baked Enamel Standard Colors, Add</i>	569.81	
			<i>For Anodized Finish, Add</i>	759.75	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,044.66	
08 91 16 00-0055	EA		30" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,268.54	113.18
			<i>For Flange Frame, Add</i>	204.22	
			<i>For Clear Lacquer Finish, Add</i>	408.43	
			<i>For Baked Enamel Standard Colors, Add</i>	612.65	
			<i>For Anodized Finish, Add</i>	816.87	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,123.19	
08 91 16 00-0056	EA		30" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,437.42	125.10
			<i>For Flange Frame, Add</i>	218.72	
			<i>For Clear Lacquer Finish, Add</i>	437.45	
			<i>For Baked Enamel Standard Colors, Add</i>	656.17	
			<i>For Anodized Finish, Add</i>	874.89	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,202.98	
08 91 16 00-0057	EA		30" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,599.22	134.03
			<i>For Flange Frame, Add</i>	233.12	
			<i>For Clear Lacquer Finish, Add</i>	466.23	
			<i>For Baked Enamel Standard Colors, Add</i>	699.35	
			<i>For Anodized Finish, Add</i>	932.46	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,282.14	
08 91 16 00-0058	EA		30" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,803.79	139.99
			<i>For Flange Frame, Add</i>	252.38	
			<i>For Clear Lacquer Finish, Add</i>	504.76	
			<i>For Baked Enamel Standard Colors, Add</i>	757.14	
			<i>For Anodized Finish, Add</i>	1,009.52	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,388.10	
08 91 16 00-0059	EA		30" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,981.16	145.95
			<i>For Flange Frame, Add</i>	268.93	
			<i>For Clear Lacquer Finish, Add</i>	537.85	
			<i>For Baked Enamel Standard Colors, Add</i>	806.78	
			<i>For Anodized Finish, Add</i>	1,075.71	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,479.10	
08 91 16 00-0060	EA		30" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,196.23	154.88
			<i>For Flange Frame, Add</i>	288.65	
			<i>For Clear Lacquer Finish, Add</i>	577.29	
			<i>For Baked Enamel Standard Colors, Add</i>	865.94	
			<i>For Anodized Finish, Add</i>	1,154.58	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,587.55	
08 91 16 00-0061	EA		30" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,367.10	163.82
			<i>For Flange Frame, Add</i>	303.95	
			<i>For Clear Lacquer Finish, Add</i>	607.89	
			<i>For Baked Enamel Standard Colors, Add</i>	911.84	
			<i>For Anodized Finish, Add</i>	1,215.78	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,671.70	
08 91 16 00-0062	EA		36" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	793.70	50.64
			<i>For Flange Frame, Add</i>	69.24	
			<i>For Clear Lacquer Finish, Add</i>	138.49	
			<i>For Baked Enamel Standard Colors, Add</i>	207.73	
			<i>For Anodized Finish, Add</i>	276.97	
			<i>For Kynar® Standard Colors Finish, Add</i>	380.84	
08 91 16 00-0063	EA		36" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,075.07	65.53
			<i>For Flange Frame, Add</i>	94.40	
			<i>For Clear Lacquer Finish, Add</i>	188.80	
			<i>For Baked Enamel Standard Colors, Add</i>	283.21	
			<i>For Anodized Finish, Add</i>	377.61	
			<i>For Kynar® Standard Colors Finish, Add</i>	519.21	
08 91 16 00-0064	EA		36" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,257.28	74.47
			<i>For Flange Frame, Add</i>	110.84	
			<i>For Clear Lacquer Finish, Add</i>	221.67	
			<i>For Baked Enamel Standard Colors, Add</i>	332.51	
			<i>For Anodized Finish, Add</i>	443.34	
			<i>For Kynar® Standard Colors Finish, Add</i>	609.59	
08 91 16 00-0065	EA		36" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,474.61	83.39
			<i>For Flange Frame, Add</i>	130.78	
			<i>For Clear Lacquer Finish, Add</i>	261.56	
			<i>For Baked Enamel Standard Colors, Add</i>	392.34	
			<i>For Anodized Finish, Add</i>	523.12	
			<i>For Kynar® Standard Colors Finish, Add</i>	719.30	

08 Openings

08 90 Louvers and Vents

08 91 Louvers

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT
UNIT COSTDEMOLITION
UNIT COST

08 91 16 00-0066	EA	36" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum.....	1,675.89	90.55
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	149.48	
		For Clear Lacquer Finish, Add	298.96	
		For Baked Enamel Standard Colors, Add	448.44	
		For Anodized Finish, Add	597.92	
		For Kynar® Standard Colors Finish, Add	822.14	
08 91 16 00-0067	EA	36" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum.....	1,864.78	98.29
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	166.82	
		For Clear Lacquer Finish, Add	333.64	
		For Baked Enamel Standard Colors, Add	500.46	
		For Anodized Finish, Add	667.28	
		For Kynar® Standard Colors Finish, Add	917.50	
08 91 16 00-0068	EA	36" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum.....	2,111.28	104.25
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	190.28	
		For Clear Lacquer Finish, Add	380.56	
		For Baked Enamel Standard Colors, Add	570.83	
		For Anodized Finish, Add	761.11	
		For Kynar® Standard Colors Finish, Add	1,046.53	
08 91 16 00-0069	EA	36" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum.....	2,322.94	113.18
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	209.66	
		For Clear Lacquer Finish, Add	419.31	
		For Baked Enamel Standard Colors, Add	628.97	
		For Anodized Finish, Add	838.63	
		For Kynar® Standard Colors Finish, Add	1,153.11	
08 91 16 00-0070	EA	36" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum.....	2,494.93	122.12
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	225.07	
		For Clear Lacquer Finish, Add	450.14	
		For Baked Enamel Standard Colors, Add	675.21	
		For Anodized Finish, Add	900.28	
		For Kynar® Standard Colors Finish, Add	1,237.88	
08 91 16 00-0071	EA	36" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum.....	2,671.46	131.05
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	240.94	
		For Clear Lacquer Finish, Add	481.87	
		For Baked Enamel Standard Colors, Add	722.81	
		For Anodized Finish, Add	963.74	
		For Kynar® Standard Colors Finish, Add	1,325.14	
08 91 16 00-0072	EA	36" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum.....	2,853.66	139.99
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	257.37	
		For Clear Lacquer Finish, Add	514.74	
		For Baked Enamel Standard Colors, Add	772.10	
		For Anodized Finish, Add	1,029.47	
		For Kynar® Standard Colors Finish, Add	1,415.52	
08 91 16 00-0073	EA	36" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum.....	3,077.49	145.95
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	278.56	
		For Clear Lacquer Finish, Add	557.12	
		For Baked Enamel Standard Colors, Add	835.68	
		For Anodized Finish, Add	1,114.24	
		For Kynar® Standard Colors Finish, Add	1,532.08	
08 91 16 00-0074	EA	36" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum.....	3,268.47	151.90
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	296.47	
		For Clear Lacquer Finish, Add	592.93	
		For Baked Enamel Standard Colors, Add	889.40	
		For Anodized Finish, Add	1,185.86	
		For Kynar® Standard Colors Finish, Add	1,630.56	
08 91 16 00-0075	EA	36" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum.....	3,511.86	160.84
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	319.02	
		For Clear Lacquer Finish, Add	638.04	
		For Baked Enamel Standard Colors, Add	957.05	
		For Anodized Finish, Add	1,276.07	
		For Kynar® Standard Colors Finish, Add	1,754.60	
08 91 16 00-0076	EA	36" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum.....	3,692.93	169.78
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	335.34	
		For Clear Lacquer Finish, Add	670.68	
		For Baked Enamel Standard Colors, Add	1,006.01	
		For Anodized Finish, Add	1,341.35	
		For Kynar® Standard Colors Finish, Add	1,844.36	
08 91 16 00-0077	EA	42" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum.....	908.74	56.60
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	79.56	
		For Clear Lacquer Finish, Add	159.11	
		For Baked Enamel Standard Colors, Add	238.67	
		For Anodized Finish, Add	318.22	
		For Kynar® Standard Colors Finish, Add	437.56	
08 91 16 00-0078	EA	42" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum.....	1,159.52	71.49
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	101.66	
		For Clear Lacquer Finish, Add	203.31	
		For Baked Enamel Standard Colors, Add	304.97	
		For Anodized Finish, Add	406.62	
		For Kynar® Standard Colors Finish, Add	559.10	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0079	EA		42" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum.....	1,362.12	80.42
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	120.13	
			For Clear Lacquer Finish, Add	240.26	
			For Baked Enamel Standard Colors, Add	360.38	
			For Anodized Finish, Add	480.51	
			For Kynar® Standard Colors Finish, Add	660.70	
08 91 16 00-0080	EA		42" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum.....	1,593.34	92.33
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	140.87	
			For Clear Lacquer Finish, Add	281.73	
			For Baked Enamel Standard Colors, Add	422.60	
			For Anodized Finish, Add	563.47	
			For Kynar® Standard Colors Finish, Add	774.77	
08 91 16 00-0081	EA		42" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum.....	1,808.11	98.29
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	161.15	
			For Clear Lacquer Finish, Add	322.30	
			For Baked Enamel Standard Colors, Add	483.46	
			For Anodized Finish, Add	644.61	
			For Kynar® Standard Colors Finish, Add	886.34	
08 91 16 00-0082	EA		42" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum.....	2,011.55	104.25
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	180.31	
			For Clear Lacquer Finish, Add	360.61	
			For Baked Enamel Standard Colors, Add	540.92	
			For Anodized Finish, Add	721.22	
			For Kynar® Standard Colors Finish, Add	991.68	
08 91 16 00-0083	EA		42" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum.....	2,279.59	110.20
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	205.92	
			For Clear Lacquer Finish, Add	411.83	
			For Baked Enamel Standard Colors, Add	617.75	
			For Anodized Finish, Add	823.67	
			For Kynar® Standard Colors Finish, Add	1,132.54	
08 91 16 00-0084	EA		42" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum.....	2,494.64	119.14
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	225.64	
			For Clear Lacquer Finish, Add	451.27	
			For Baked Enamel Standard Colors, Add	676.91	
			For Anodized Finish, Add	902.54	
			For Kynar® Standard Colors Finish, Add	1,241.00	
08 91 16 00-0085	EA		42" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum.....	2,688.17	128.07
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	243.20	
			For Clear Lacquer Finish, Add	486.40	
			For Baked Enamel Standard Colors, Add	729.61	
			For Anodized Finish, Add	972.81	
			For Kynar® Standard Colors Finish, Add	1,337.61	
08 91 16 00-0086	EA		42" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum.....	2,869.23	137.01
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	259.52	
			For Clear Lacquer Finish, Add	519.04	
			For Baked Enamel Standard Colors, Add	778.56	
			For Anodized Finish, Add	1,038.08	
			For Kynar® Standard Colors Finish, Add	1,427.37	
08 91 16 00-0087	EA		42" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum.....	3,067.29	145.95
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	277.54	
			For Clear Lacquer Finish, Add	555.08	
			For Baked Enamel Standard Colors, Add	832.62	
			For Anodized Finish, Add	1,110.16	
			For Kynar® Standard Colors Finish, Add	1,526.47	
08 91 16 00-0088	EA		42" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum.....	3,308.14	151.90
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	300.43	
			For Clear Lacquer Finish, Add	600.87	
			For Baked Enamel Standard Colors, Add	901.30	
			For Anodized Finish, Add	1,201.73	
			For Kynar® Standard Colors Finish, Add	1,652.38	
08 91 16 00-0089	EA		42" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum.....	3,517.24	157.86
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	320.15	
			For Clear Lacquer Finish, Add	640.30	
			For Baked Enamel Standard Colors, Add	960.46	
			For Anodized Finish, Add	1,280.61	
			For Kynar® Standard Colors Finish, Add	1,760.84	
08 91 16 00-0090	EA		42" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum.....	3,790.10	166.80
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	345.65	
			For Clear Lacquer Finish, Add	691.30	
			For Baked Enamel Standard Colors, Add	1,036.95	
			For Anodized Finish, Add	1,382.60	
			For Kynar® Standard Colors Finish, Add	1,901.08	
08 91 16 00-0091	EA		42" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum.....	3,979.10	175.73
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	362.76	
			For Clear Lacquer Finish, Add	725.53	
			For Baked Enamel Standard Colors, Add	1,088.29	
			For Anodized Finish, Add	1,451.05	
			For Kynar® Standard Colors Finish, Add	1,995.20	

08 Openings**08 90 Louvers and Vents****08 91 Louvers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 91 16 00-0092	EA	48" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum.....	982.99	62.55
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	85.79	
		<i>For Clear Lacquer Finish, Add</i>	171.58	
		<i>For Baked Enamel Standard Colors, Add</i>	257.37	
		<i>For Anodized Finish, Add</i>	343.16	
		<i>For Kynar® Standard Colors Finish, Add</i>	471.84	
08 91 16 00-0093	EA	48" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum.....	1,249.63	77.44
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	109.48	
		<i>For Clear Lacquer Finish, Add</i>	218.95	
		<i>For Baked Enamel Standard Colors, Add</i>	328.43	
		<i>For Anodized Finish, Add</i>	437.90	
		<i>For Kynar® Standard Colors Finish, Add</i>	602.11	
08 91 16 00-0094	EA	48" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum.....	1,479.72	89.35
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	130.10	
		<i>For Clear Lacquer Finish, Add</i>	260.20	
		<i>For Baked Enamel Standard Colors, Add</i>	390.30	
		<i>For Anodized Finish, Add</i>	520.40	
		<i>For Kynar® Standard Colors Finish, Add</i>	715.56	
08 91 16 00-0095	EA	48" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum.....	1,717.45	98.29
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	152.09	
		<i>For Clear Lacquer Finish, Add</i>	304.17	
		<i>For Baked Enamel Standard Colors, Add</i>	456.26	
		<i>For Anodized Finish, Add</i>	608.34	
		<i>For Kynar® Standard Colors Finish, Add</i>	836.47	
08 91 16 00-0096	EA	48" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum.....	1,954.88	104.25
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	174.64	
		<i>For Clear Lacquer Finish, Add</i>	349.28	
		<i>For Baked Enamel Standard Colors, Add</i>	523.91	
		<i>For Anodized Finish, Add</i>	698.55	
		<i>For Kynar® Standard Colors Finish, Add</i>	960.51	
08 91 16 00-0097	EA	48" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum.....	2,184.39	110.20
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	196.40	
		<i>For Clear Lacquer Finish, Add</i>	392.79	
		<i>For Baked Enamel Standard Colors, Add</i>	589.19	
		<i>For Anodized Finish, Add</i>	785.59	
		<i>For Kynar® Standard Colors Finish, Add</i>	1,080.18	
08 91 16 00-0098	EA	48" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum.....	2,469.71	119.14
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	223.14	
		<i>For Clear Lacquer Finish, Add</i>	446.29	
		<i>For Baked Enamel Standard Colors, Add</i>	669.43	
		<i>For Anodized Finish, Add</i>	892.57	
		<i>For Kynar® Standard Colors Finish, Add</i>	1,227.29	
08 91 16 00-0099	EA	48" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum.....	2,705.17	128.07
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	244.90	
		<i>For Clear Lacquer Finish, Add</i>	489.80	
		<i>For Baked Enamel Standard Colors, Add</i>	734.71	
		<i>For Anodized Finish, Add</i>	979.61	
		<i>For Kynar® Standard Colors Finish, Add</i>	1,346.96	
08 91 16 00-0100	EA	48" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum.....	2,908.90	137.01
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	263.49	
		<i>For Clear Lacquer Finish, Add</i>	526.98	
		<i>For Baked Enamel Standard Colors, Add</i>	790.46	
		<i>For Anodized Finish, Add</i>	1,053.95	
		<i>For Kynar® Standard Colors Finish, Add</i>	1,449.18	
08 91 16 00-0101	EA	48" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum.....	3,116.02	145.95
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	282.41	
		<i>For Clear Lacquer Finish, Add</i>	564.83	
		<i>For Baked Enamel Standard Colors, Add</i>	847.24	
		<i>For Anodized Finish, Add</i>	1,129.65	
		<i>For Kynar® Standard Colors Finish, Add</i>	1,553.27	
08 91 16 00-0102	EA	48" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum.....	3,318.63	154.88
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	300.89	
		<i>For Clear Lacquer Finish, Add</i>	601.77	
		<i>For Baked Enamel Standard Colors, Add</i>	902.66	
		<i>For Anodized Finish, Add</i>	1,203.54	
		<i>For Kynar® Standard Colors Finish, Add</i>	1,654.87	
08 91 16 00-0103	EA	48" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum.....	3,591.19	160.84
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	326.95	
		<i>For Clear Lacquer Finish, Add</i>	653.90	
		<i>For Baked Enamel Standard Colors, Add</i>	980.85	
		<i>For Anodized Finish, Add</i>	1,307.80	
		<i>For Kynar® Standard Colors Finish, Add</i>	1,796.23	
08 91 16 00-0104	EA	48" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum.....	3,817.30	166.80
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	348.37	
		<i>For Clear Lacquer Finish, Add</i>	696.74	
		<i>For Baked Enamel Standard Colors, Add</i>	1,045.11	
		<i>For Anodized Finish, Add</i>	1,393.48	
		<i>For Kynar® Standard Colors Finish, Add</i>	1,916.04	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0105	EA		48" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,096.67	172.76
			<i>For Flange Frame, Add</i>	375.12	
			<i>For Clear Lacquer Finish, Add</i>	750.23	
			<i>For Baked Enamel Standard Colors, Add</i>	1,125.35	
			<i>For Anodized Finish, Add</i>	1,500.46	
			<i>For Kynar® Standard Colors Finish, Add</i>	2,063.14	
08 91 16 00-0106	EA		48" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,304.93	181.69
			<i>For Flange Frame, Add</i>	394.16	
			<i>For Clear Lacquer Finish, Add</i>	788.31	
			<i>For Baked Enamel Standard Colors, Add</i>	1,182.47	
			<i>For Anodized Finish, Add</i>	1,576.62	
			<i>For Kynar® Standard Colors Finish, Add</i>	2,167.85	
08 91 16 00-0107	EA		54" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,141.39	71.49
			<i>For Flange Frame, Add</i>	99.84	
			<i>For Clear Lacquer Finish, Add</i>	199.68	
			<i>For Baked Enamel Standard Colors, Add</i>	299.53	
			<i>For Anodized Finish, Add</i>	399.37	
			<i>For Kynar® Standard Colors Finish, Add</i>	549.13	
08 91 16 00-0108	EA		54" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,464.70	86.37
			<i>For Flange Frame, Add</i>	129.19	
			<i>For Clear Lacquer Finish, Add</i>	258.39	
			<i>For Baked Enamel Standard Colors, Add</i>	387.58	
			<i>For Anodized Finish, Add</i>	516.78	
			<i>For Kynar® Standard Colors Finish, Add</i>	710.57	
08 91 16 00-0109	EA		54" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,716.60	101.27
			<i>For Flange Frame, Add</i>	151.41	
			<i>For Clear Lacquer Finish, Add</i>	302.81	
			<i>For Baked Enamel Standard Colors, Add</i>	454.22	
			<i>For Anodized Finish, Add</i>	605.62	
			<i>For Kynar® Standard Colors Finish, Add</i>	832.73	
08 91 16 00-0110	EA		54" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,974.44	107.22
			<i>For Flange Frame, Add</i>	176.00	
			<i>For Clear Lacquer Finish, Add</i>	352.00	
			<i>For Baked Enamel Standard Colors, Add</i>	527.99	
			<i>For Anodized Finish, Add</i>	703.99	
			<i>For Kynar® Standard Colors Finish, Add</i>	967.99	
08 91 16 00-0111	EA		54" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,254.94	113.18
			<i>For Flange Frame, Add</i>	202.86	
			<i>For Clear Lacquer Finish, Add</i>	405.71	
			<i>For Baked Enamel Standard Colors, Add</i>	608.57	
			<i>For Anodized Finish, Add</i>	811.43	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,115.71	
08 91 16 00-0112	EA		54" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,505.97	119.14
			<i>For Flange Frame, Add</i>	226.77	
			<i>For Clear Lacquer Finish, Add</i>	453.54	
			<i>For Baked Enamel Standard Colors, Add</i>	680.31	
			<i>For Anodized Finish, Add</i>	907.08	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,247.23	
08 91 16 00-0113	EA		54" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,837.76	128.07
			<i>For Flange Frame, Add</i>	258.16	
			<i>For Clear Lacquer Finish, Add</i>	516.32	
			<i>For Baked Enamel Standard Colors, Add</i>	774.48	
			<i>For Anodized Finish, Add</i>	1,032.64	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,419.89	
08 91 16 00-0114	EA		54" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,160.48	137.01
			<i>For Flange Frame, Add</i>	288.65	
			<i>For Clear Lacquer Finish, Add</i>	577.29	
			<i>For Baked Enamel Standard Colors, Add</i>	865.94	
			<i>For Anodized Finish, Add</i>	1,154.58	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,587.55	
08 91 16 00-0115	EA		54" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,401.61	145.95
			<i>For Flange Frame, Add</i>	310.97	
			<i>For Clear Lacquer Finish, Add</i>	621.94	
			<i>For Baked Enamel Standard Colors, Add</i>	932.92	
			<i>For Anodized Finish, Add</i>	1,243.89	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,710.35	
08 91 16 00-0116	EA		54" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,639.35	154.88
			<i>For Flange Frame, Add</i>	332.96	
			<i>For Clear Lacquer Finish, Add</i>	665.92	
			<i>For Baked Enamel Standard Colors, Add</i>	998.87	
			<i>For Anodized Finish, Add</i>	1,331.83	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,831.27	
08 91 16 00-0117	EA		54" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,868.85	160.84
			<i>For Flange Frame, Add</i>	354.72	
			<i>For Clear Lacquer Finish, Add</i>	709.43	
			<i>For Baked Enamel Standard Colors, Add</i>	1,064.15	
			<i>For Anodized Finish, Add</i>	1,418.87	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,950.94	

08 Openings

08 90 Louvers and Vents

08 91 Louvers

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 91 16 00-0118	EA	54" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum.....	4,173.15	166.80
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	383.96	
		<i>For Clear Lacquer Finish, Add</i>	767.91	
		<i>For Baked Enamel Standard Colors, Add</i>	1,151.87	
		<i>For Anodized Finish, Add</i>	1,535.82	
		<i>For Kynar® Standard Colors Finish, Add</i>	2,111.75	
08 91 16 00-0119	EA	54" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum.....	4,426.45	172.76
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	408.09	
		<i>For Clear Lacquer Finish, Add</i>	816.19	
		<i>For Baked Enamel Standard Colors, Add</i>	1,224.28	
		<i>For Anodized Finish, Add</i>	1,632.38	
		<i>For Kynar® Standard Colors Finish, Add</i>	2,244.52	
08 91 16 00-0120	EA	54" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum.....	4,753.42	178.71
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	439.60	
		<i>For Clear Lacquer Finish, Add</i>	879.20	
		<i>For Baked Enamel Standard Colors, Add</i>	1,318.80	
		<i>For Anodized Finish, Add</i>	1,758.40	
		<i>For Kynar® Standard Colors Finish, Add</i>	2,417.79	
08 91 16 00-0121	EA	54" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum.....	4,996.82	187.65
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	462.15	
		<i>For Clear Lacquer Finish, Add</i>	924.30	
		<i>For Baked Enamel Standard Colors, Add</i>	1,386.46	
		<i>For Anodized Finish, Add</i>	1,848.61	
		<i>For Kynar® Standard Colors Finish, Add</i>	2,541.84	
08 91 16 00-0122	EA	60" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum.....	1,211.10	77.44
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	105.62	
		<i>For Clear Lacquer Finish, Add</i>	211.24	
		<i>For Baked Enamel Standard Colors, Add</i>	316.87	
		<i>For Anodized Finish, Add</i>	422.49	
		<i>For Kynar® Standard Colors Finish, Add</i>	580.92	
08 91 16 00-0123	EA	60" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum.....	1,560.77	95.31
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	137.01	
		<i>For Clear Lacquer Finish, Add</i>	274.03	
		<i>For Baked Enamel Standard Colors, Add</i>	411.04	
		<i>For Anodized Finish, Add</i>	548.06	
		<i>For Kynar® Standard Colors Finish, Add</i>	753.58	
08 91 16 00-0124	EA	60" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum.....	1,819.18	107.22
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	160.47	
		<i>For Clear Lacquer Finish, Add</i>	320.94	
		<i>For Baked Enamel Standard Colors, Add</i>	481.42	
		<i>For Anodized Finish, Add</i>	641.89	
		<i>For Kynar® Standard Colors Finish, Add</i>	882.60	
08 91 16 00-0125	EA	60" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum.....	2,103.08	113.18
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	187.67	
		<i>For Clear Lacquer Finish, Add</i>	375.34	
		<i>For Baked Enamel Standard Colors, Add</i>	563.01	
		<i>For Anodized Finish, Add</i>	750.68	
		<i>For Kynar® Standard Colors Finish, Add</i>	1,032.19	
08 91 16 00-0126	EA	60" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum.....	2,399.74	122.12
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	215.55	
		<i>For Clear Lacquer Finish, Add</i>	431.10	
		<i>For Baked Enamel Standard Colors, Add</i>	646.65	
		<i>For Anodized Finish, Add</i>	862.20	
		<i>For Kynar® Standard Colors Finish, Add</i>	1,185.53	
08 91 16 00-0127	EA	60" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum.....	2,665.50	128.07
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	240.94	
		<i>For Clear Lacquer Finish, Add</i>	481.87	
		<i>For Baked Enamel Standard Colors, Add</i>	722.81	
		<i>For Anodized Finish, Add</i>	963.74	
		<i>For Kynar® Standard Colors Finish, Add</i>	1,325.14	
08 91 16 00-0128	EA	60" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum.....	3,021.09	137.01
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	274.71	
		<i>For Clear Lacquer Finish, Add</i>	549.41	
		<i>For Baked Enamel Standard Colors, Add</i>	824.12	
		<i>For Anodized Finish, Add</i>	1,098.83	
		<i>For Kynar® Standard Colors Finish, Add</i>	1,510.89	
08 91 16 00-0129	EA	60" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum.....	3,352.88	145.95
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	306.10	
		<i>For Clear Lacquer Finish, Add</i>	612.20	
		<i>For Baked Enamel Standard Colors, Add</i>	918.30	
		<i>For Anodized Finish, Add</i>	1,224.40	
		<i>For Kynar® Standard Colors Finish, Add</i>	1,683.54	
08 91 16 00-0130	EA	60" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum.....	3,611.01	154.88
		Note: Includes bird screen. Excludes actuator.		
		<i>For Flange Frame, Add</i>	330.12	
		<i>For Clear Lacquer Finish, Add</i>	660.25	
		<i>For Baked Enamel Standard Colors, Add</i>	990.37	
		<i>For Anodized Finish, Add</i>	1,320.50	
		<i>For Kynar® Standard Colors Finish, Add</i>	1,815.68	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 91 16 00-0131	EA		60" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum.....	3,864.61	163.82
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	353.70	
			For Clear Lacquer Finish, Add	707.39	
			For Baked Enamel Standard Colors, Add	1,061.09	
			For Anodized Finish, Add	1,414.79	
			For Kynar® Standard Colors Finish, Add	1,945.33	
08 91 16 00-0132	EA		60" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum.....	4,108.84	169.78
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	376.93	
			For Clear Lacquer Finish, Add	753.86	
			For Baked Enamel Standard Colors, Add	1,130.79	
			For Anodized Finish, Add	1,507.72	
			For Kynar® Standard Colors Finish, Add	2,073.11	
08 91 16 00-0133	EA		60" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum.....	4,439.21	175.73
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	408.77	
			For Clear Lacquer Finish, Add	817.55	
			For Baked Enamel Standard Colors, Add	1,226.32	
			For Anodized Finish, Add	1,635.10	
			For Kynar® Standard Colors Finish, Add	2,248.26	
08 91 16 00-0134	EA		60" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum.....	4,704.98	181.69
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	434.16	
			For Clear Lacquer Finish, Add	868.32	
			For Baked Enamel Standard Colors, Add	1,302.48	
			For Anodized Finish, Add	1,736.64	
			For Kynar® Standard Colors Finish, Add	2,387.88	
08 91 16 00-0135	EA		60" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum.....	5,048.95	187.65
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	467.37	
			For Clear Lacquer Finish, Add	934.73	
			For Baked Enamel Standard Colors, Add	1,402.10	
			For Anodized Finish, Add	1,869.46	
			For Kynar® Standard Colors Finish, Add	2,570.51	
08 91 16 00-0136	EA		60" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum.....	5,301.10	193.61
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	491.39	
			For Clear Lacquer Finish, Add	982.78	
			For Baked Enamel Standard Colors, Add	1,474.17	
			For Anodized Finish, Add	1,965.56	
			For Kynar® Standard Colors Finish, Add	2,702.65	

08 91 16 00-0137 Adjustable Intake Wall Louvers Operators (08 91 16)

08 91 16 00-0138	EA		5' Chain Actuator For Adjustable Intake Louver.....	304.36	29.79
08 91 16 00-0139	EA		Panel Crank For Adjustable Intake Louver.....	678.87	11.91

08 91 19 Fixed Louvers (08 91)

08 91 19 00-0001 Fixed Intake Wall Louvers (08 91 19)

08 91 19 00-0002	EA		12" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum.....	395.87	26.81
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	34.23	
			For Clear Lacquer Finish, Add	68.45	
			For Baked Enamel Standard Colors, Add	102.68	
			For Anodized Finish, Add	136.90	
			For Kynar® Standard Colors Finish, Add	188.24	
08 91 19 00-0003	EA		12" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum.....	470.11	32.77
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	40.46	
			For Clear Lacquer Finish, Add	80.92	
			For Baked Enamel Standard Colors, Add	121.37	
			For Anodized Finish, Add	161.83	
			For Kynar® Standard Colors Finish, Add	222.52	
08 91 19 00-0004	EA		12" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	545.48	38.72
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	46.80	
			For Clear Lacquer Finish, Add	93.61	
			For Baked Enamel Standard Colors, Add	140.41	
			For Anodized Finish, Add	187.22	
			For Kynar® Standard Colors Finish, Add	257.42	
08 91 19 00-0005	EA		12" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	640.12	44.68
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	55.08	
			For Clear Lacquer Finish, Add	110.15	
			For Baked Enamel Standard Colors, Add	165.23	
			For Anodized Finish, Add	220.31	
			For Kynar® Standard Colors Finish, Add	302.92	
08 91 19 00-0006	EA		12" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum.....	720.04	50.64
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	61.88	
			For Clear Lacquer Finish, Add	123.75	
			For Baked Enamel Standard Colors, Add	185.63	
			For Anodized Finish, Add	247.51	
			For Kynar® Standard Colors Finish, Add	340.32	

08 Openings

08 90 Louvers and Vents

08 91 Louvers

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 91 19 00-0007	EA	12" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	849.81	56.60
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	73.66	
		For Clear Lacquer Finish, Add	147.33	
		For Baked Enamel Standard Colors, Add	220.99	
		For Anodized Finish, Add	294.65	
		For Kynar® Standard Colors Finish, Add	405.15	
08 91 19 00-0008	EA	12" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	920.66	62.55
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	79.56	
		For Clear Lacquer Finish, Add	159.11	
		For Baked Enamel Standard Colors, Add	238.67	
		For Anodized Finish, Add	318.22	
		For Kynar® Standard Colors Finish, Add	437.56	
08 91 19 00-0009	EA	12" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,029.19	71.49
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	88.62	
		For Clear Lacquer Finish, Add	177.24	
		For Baked Enamel Standard Colors, Add	265.87	
		For Anodized Finish, Add	354.49	
		For Kynar® Standard Colors Finish, Add	487.42	
08 91 19 00-0010	EA	12" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,094.37	77.44
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	93.95	
		For Clear Lacquer Finish, Add	187.90	
		For Baked Enamel Standard Colors, Add	281.85	
		For Anodized Finish, Add	375.80	
		For Kynar® Standard Colors Finish, Add	516.72	
08 91 19 00-0011	EA	12" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	1,183.35	83.39
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	101.66	
		For Clear Lacquer Finish, Add	203.31	
		For Baked Enamel Standard Colors, Add	304.97	
		For Anodized Finish, Add	406.62	
		For Kynar® Standard Colors Finish, Add	559.10	
08 91 19 00-0012	EA	12" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	1,260.99	89.35
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	108.23	
		For Clear Lacquer Finish, Add	216.46	
		For Baked Enamel Standard Colors, Add	324.68	
		For Anodized Finish, Add	432.91	
		For Kynar® Standard Colors Finish, Add	595.25	
08 91 19 00-0013	EA	12" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	1,353.38	95.31
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	116.28	
		For Clear Lacquer Finish, Add	232.55	
		For Baked Enamel Standard Colors, Add	348.83	
		For Anodized Finish, Add	465.10	
		For Kynar® Standard Colors Finish, Add	639.51	
08 91 19 00-0014	EA	12" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	1,440.08	101.27
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	123.75	
		For Clear Lacquer Finish, Add	247.51	
		For Baked Enamel Standard Colors, Add	371.26	
		For Anodized Finish, Add	495.02	
		For Kynar® Standard Colors Finish, Add	680.65	
08 91 19 00-0015	EA	12" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	1,516.89	110.20
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	129.65	
		For Clear Lacquer Finish, Add	259.29	
		For Baked Enamel Standard Colors, Add	388.94	
		For Anodized Finish, Add	518.59	
		For Kynar® Standard Colors Finish, Add	713.06	
08 91 19 00-0016	EA	12" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	1,619.75	119.14
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	138.15	
		For Clear Lacquer Finish, Add	276.29	
		For Baked Enamel Standard Colors, Add	414.44	
		For Anodized Finish, Add	552.59	
		For Kynar® Standard Colors Finish, Add	759.81	
08 91 19 00-0017	EA	18" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	459.91	32.77
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	39.44	
		For Clear Lacquer Finish, Add	78.88	
		For Baked Enamel Standard Colors, Add	118.31	
		For Anodized Finish, Add	157.75	
		For Kynar® Standard Colors Finish, Add	216.91	
08 91 19 00-0018	EA	18" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	551.43	41.70
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	46.80	
		For Clear Lacquer Finish, Add	93.61	
		For Baked Enamel Standard Colors, Add	140.41	
		For Anodized Finish, Add	187.22	
		For Kynar® Standard Colors Finish, Add	257.42	
08 91 19 00-0019	EA	18" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	639.28	47.66
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	54.40	
		For Clear Lacquer Finish, Add	108.79	
		For Baked Enamel Standard Colors, Add	163.19	
		For Anodized Finish, Add	217.59	
		For Kynar® Standard Colors Finish, Add	299.18	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0020	EA		18" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	801.37	59.57
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	68.22	
			For Clear Lacquer Finish, Add	136.45	
			For Baked Enamel Standard Colors, Add	204.67	
			For Anodized Finish, Add	272.89	
			For Kynar® Standard Colors Finish, Add	375.23	
08 91 19 00-0021	EA		18" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum.....	919.81	65.53
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	78.88	
			For Clear Lacquer Finish, Add	157.75	
			For Baked Enamel Standard Colors, Add	236.63	
			For Anodized Finish, Add	315.50	
			For Kynar® Standard Colors Finish, Add	433.82	
08 91 19 00-0022	EA		18" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	1,024.66	71.49
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	88.17	
			For Clear Lacquer Finish, Add	176.34	
			For Baked Enamel Standard Colors, Add	264.51	
			For Anodized Finish, Add	352.68	
			For Kynar® Standard Colors Finish, Add	484.93	
08 91 19 00-0023	EA		18" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	1,098.90	77.44
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	94.40	
			For Clear Lacquer Finish, Add	188.80	
			For Baked Enamel Standard Colors, Add	283.21	
			For Anodized Finish, Add	377.61	
			For Kynar® Standard Colors Finish, Add	519.21	
08 91 19 00-0024	EA		18" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum.....	1,223.31	86.37
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	105.06	
			For Clear Lacquer Finish, Add	210.11	
			For Baked Enamel Standard Colors, Add	315.17	
			For Anodized Finish, Add	420.22	
			For Kynar® Standard Colors Finish, Add	577.80	
08 91 19 00-0025	EA		18" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum.....	1,310.31	95.31
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	111.97	
			For Clear Lacquer Finish, Add	223.94	
			For Baked Enamel Standard Colors, Add	335.90	
			For Anodized Finish, Add	447.87	
			For Kynar® Standard Colors Finish, Add	615.82	
08 91 19 00-0026	EA		18" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum.....	1,424.22	101.27
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	122.17	
			For Clear Lacquer Finish, Add	244.34	
			For Baked Enamel Standard Colors, Add	366.50	
			For Anodized Finish, Add	488.67	
			For Kynar® Standard Colors Finish, Add	671.92	
08 91 19 00-0027	EA		18" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum.....	1,510.93	107.22
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	129.65	
			For Clear Lacquer Finish, Add	259.29	
			For Baked Enamel Standard Colors, Add	388.94	
			For Anodized Finish, Add	518.59	
			For Kynar® Standard Colors Finish, Add	713.06	
08 91 19 00-0028	EA		18" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum.....	1,607.84	113.18
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	138.15	
			For Clear Lacquer Finish, Add	276.29	
			For Baked Enamel Standard Colors, Add	414.44	
			For Anodized Finish, Add	552.59	
			For Kynar® Standard Colors Finish, Add	759.81	
08 91 19 00-0029	EA		18" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum.....	1,709.28	119.14
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	147.10	
			For Clear Lacquer Finish, Add	294.20	
			For Baked Enamel Standard Colors, Add	441.30	
			For Anodized Finish, Add	588.40	
			For Kynar® Standard Colors Finish, Add	809.05	
08 91 19 00-0030	EA		18" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum.....	1,798.54	128.07
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	154.24	
			For Clear Lacquer Finish, Add	308.48	
			For Baked Enamel Standard Colors, Add	462.72	
			For Anodized Finish, Add	616.96	
			For Kynar® Standard Colors Finish, Add	848.31	
08 91 19 00-0031	EA		18" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum.....	1,922.94	137.01
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	164.89	
			For Clear Lacquer Finish, Add	329.78	
			For Baked Enamel Standard Colors, Add	494.68	
			For Anodized Finish, Add	659.57	
			For Kynar® Standard Colors Finish, Add	906.91	
08 91 19 00-0032	EA		24" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum.....	531.89	38.72
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	45.45	
			For Clear Lacquer Finish, Add	90.89	
			For Baked Enamel Standard Colors, Add	136.34	
			For Anodized Finish, Add	181.78	
			For Kynar® Standard Colors Finish, Add	249.95	

08 Openings**08 90 Louvers and Vents****08 91 Louvers**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT
UNIT COSTDEMOLITION
UNIT COST

08 91 19 00-0033	EA	24" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	633.62	47.66
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	53.83	
		For Clear Lacquer Finish, Add	107.66	
		For Baked Enamel Standard Colors, Add	161.49	
		For Anodized Finish, Add	215.32	
		For Kynar® Standard Colors Finish, Add	296.07	
08 91 19 00-0034	EA	24" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	785.22	56.60
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	67.20	
		For Clear Lacquer Finish, Add	134.41	
		For Baked Enamel Standard Colors, Add	201.61	
		For Anodized Finish, Add	268.82	
		For Kynar® Standard Colors Finish, Add	369.62	
08 91 19 00-0035	EA	24" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	925.77	68.51
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	78.88	
		For Clear Lacquer Finish, Add	157.75	
		For Baked Enamel Standard Colors, Add	236.63	
		For Anodized Finish, Add	315.50	
		For Kynar® Standard Colors Finish, Add	433.82	
08 91 19 00-0036	EA	24" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,060.09	74.47
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	91.12	
		For Clear Lacquer Finish, Add	182.23	
		For Baked Enamel Standard Colors, Add	273.35	
		For Anodized Finish, Add	364.46	
		For Kynar® Standard Colors Finish, Add	501.14	
08 91 19 00-0037	EA	24" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,184.19	80.42
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	102.34	
		For Clear Lacquer Finish, Add	204.67	
		For Baked Enamel Standard Colors, Add	307.01	
		For Anodized Finish, Add	409.34	
		For Kynar® Standard Colors Finish, Add	562.84	
08 91 19 00-0038	EA	24" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,287.06	89.35
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	110.84	
		For Clear Lacquer Finish, Add	221.67	
		For Baked Enamel Standard Colors, Add	332.51	
		For Anodized Finish, Add	443.34	
		For Kynar® Standard Colors Finish, Add	609.59	
08 91 19 00-0039	EA	24" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,424.22	101.27
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	122.17	
		For Clear Lacquer Finish, Add	244.34	
		For Baked Enamel Standard Colors, Add	366.50	
		For Anodized Finish, Add	488.67	
		For Kynar® Standard Colors Finish, Add	671.92	
08 91 19 00-0040	EA	24" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,515.47	107.22
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	130.10	
		For Clear Lacquer Finish, Add	260.20	
		For Baked Enamel Standard Colors, Add	390.30	
		For Anodized Finish, Add	520.40	
		For Kynar® Standard Colors Finish, Add	715.56	
08 91 19 00-0041	EA	24" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	1,665.08	119.14
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	142.68	
		For Clear Lacquer Finish, Add	285.36	
		For Baked Enamel Standard Colors, Add	428.04	
		For Anodized Finish, Add	570.72	
		For Kynar® Standard Colors Finish, Add	784.74	
08 91 19 00-0042	EA	24" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	1,759.72	125.10
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	150.95	
		For Clear Lacquer Finish, Add	301.91	
		For Baked Enamel Standard Colors, Add	452.86	
		For Anodized Finish, Add	603.81	
		For Kynar® Standard Colors Finish, Add	830.24	
08 91 19 00-0043	EA	24" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	1,882.70	131.05
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	162.06	
		For Clear Lacquer Finish, Add	324.12	
		For Baked Enamel Standard Colors, Add	486.18	
		For Anodized Finish, Add	648.24	
		For Kynar® Standard Colors Finish, Add	891.32	
08 91 19 00-0044	EA	24" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	2,003.41	137.01
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	172.94	
		For Clear Lacquer Finish, Add	345.88	
		For Baked Enamel Standard Colors, Add	518.82	
		For Anodized Finish, Add	691.76	
		For Kynar® Standard Colors Finish, Add	951.16	
08 91 19 00-0045	EA	24" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	2,094.94	145.95
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	180.31	
		For Clear Lacquer Finish, Add	360.61	
		For Baked Enamel Standard Colors, Add	540.92	
		For Anodized Finish, Add	721.22	
		For Kynar® Standard Colors Finish, Add	991.68	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0046 EA 24" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum.....	2,246.55	154.88
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	193.68	
<i>For Clear Lacquer Finish, Add</i>	387.36	
<i>For Baked Enamel Standard Colors, Add</i>	581.03	
<i>For Anodized Finish, Add</i>	774.71	
<i>For Kynar® Standard Colors Finish, Add</i>	1,065.23	
08 91 19 00-0047 EA 30" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum.....	595.93	44.68
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	50.66	
<i>For Clear Lacquer Finish, Add</i>	101.32	
<i>For Baked Enamel Standard Colors, Add</i>	151.97	
<i>For Anodized Finish, Add</i>	202.63	
<i>For Kynar® Standard Colors Finish, Add</i>	278.62	
08 91 19 00-0048 EA 30" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum.....	770.78	59.57
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	65.16	
<i>For Clear Lacquer Finish, Add</i>	130.33	
<i>For Baked Enamel Standard Colors, Add</i>	195.49	
<i>For Anodized Finish, Add</i>	260.66	
<i>For Kynar® Standard Colors Finish, Add</i>	358.40	
08 91 19 00-0049 EA 30" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	899.71	68.51
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	76.27	
<i>For Clear Lacquer Finish, Add</i>	152.54	
<i>For Baked Enamel Standard Colors, Add</i>	228.81	
<i>For Anodized Finish, Add</i>	305.08	
<i>For Kynar® Standard Colors Finish, Add</i>	419.49	
08 91 19 00-0050 EA 30" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	1,050.17	77.44
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	89.53	
<i>For Clear Lacquer Finish, Add</i>	179.06	
<i>For Baked Enamel Standard Colors, Add</i>	268.59	
<i>For Anodized Finish, Add</i>	358.12	
<i>For Kynar® Standard Colors Finish, Add</i>	492.41	
08 91 19 00-0051 EA 30" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum.....	1,211.68	83.39
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	104.49	
<i>For Clear Lacquer Finish, Add</i>	208.98	
<i>For Baked Enamel Standard Colors, Add</i>	313.46	
<i>For Anodized Finish, Add</i>	417.95	
<i>For Kynar® Standard Colors Finish, Add</i>	574.68	
08 91 19 00-0052 EA 30" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	1,347.42	92.33
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	116.28	
<i>For Clear Lacquer Finish, Add</i>	232.55	
<i>For Baked Enamel Standard Colors, Add</i>	348.83	
<i>For Anodized Finish, Add</i>	465.10	
<i>For Kynar® Standard Colors Finish, Add</i>	639.51	
08 91 19 00-0053 EA 30" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	1,448.86	98.29
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	125.23	
<i>For Clear Lacquer Finish, Add</i>	250.45	
<i>For Baked Enamel Standard Colors, Add</i>	375.68	
<i>For Anodized Finish, Add</i>	500.91	
<i>For Kynar® Standard Colors Finish, Add</i>	688.75	
08 91 19 00-0054 EA 30" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum.....	1,591.40	107.22
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	137.69	
<i>For Clear Lacquer Finish, Add</i>	275.39	
<i>For Baked Enamel Standard Colors, Add</i>	413.08	
<i>For Anodized Finish, Add</i>	550.78	
<i>For Kynar® Standard Colors Finish, Add</i>	757.32	
08 91 19 00-0055 EA 30" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum.....	1,705.30	113.18
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	147.89	
<i>For Clear Lacquer Finish, Add</i>	295.79	
<i>For Baked Enamel Standard Colors, Add</i>	443.68	
<i>For Anodized Finish, Add</i>	591.57	
<i>For Kynar® Standard Colors Finish, Add</i>	813.41	
08 91 19 00-0056 EA 30" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum.....	1,878.71	125.10
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	162.85	
<i>For Clear Lacquer Finish, Add</i>	325.70	
<i>For Baked Enamel Standard Colors, Add</i>	488.56	
<i>For Anodized Finish, Add</i>	651.41	
<i>For Kynar® Standard Colors Finish, Add</i>	895.69	
08 91 19 00-0057 EA 30" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum.....	1,989.51	134.03
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	172.15	
<i>For Clear Lacquer Finish, Add</i>	344.29	
<i>For Baked Enamel Standard Colors, Add</i>	516.44	
<i>For Anodized Finish, Add</i>	688.58	
<i>For Kynar® Standard Colors Finish, Add</i>	946.80	
08 91 19 00-0058 EA 30" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum.....	2,120.43	139.99
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	184.05	
<i>For Clear Lacquer Finish, Add</i>	368.09	
<i>For Baked Enamel Standard Colors, Add</i>	552.14	
<i>For Anodized Finish, Add</i>	736.18	
<i>For Kynar® Standard Colors Finish, Add</i>	1,012.25	

08 Openings

08 90 Louvers and Vents

08 91 Louvers

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 91 19 00-0059	EA	30" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	2,250.20	145.95
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	195.83	
		For Clear Lacquer Finish, Add	391.66	
		For Baked Enamel Standard Colors, Add	587.49	
		For Anodized Finish, Add	783.32	
		For Kynar® Standard Colors Finish, Add	1,077.07	
08 91 19 00-0060	EA	30" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	2,358.74	154.88
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	204.90	
		For Clear Lacquer Finish, Add	409.79	
		For Baked Enamel Standard Colors, Add	614.69	
		For Anodized Finish, Add	819.59	
		For Kynar® Standard Colors Finish, Add	1,126.93	
08 91 19 00-0061	EA	30" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	2,530.74	163.82
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	220.31	
		For Clear Lacquer Finish, Add	440.62	
		For Baked Enamel Standard Colors, Add	660.93	
		For Anodized Finish, Add	881.24	
		For Kynar® Standard Colors Finish, Add	1,211.71	
08 91 19 00-0062	EA	36" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	661.11	50.64
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	55.98	
		For Clear Lacquer Finish, Add	111.97	
		For Baked Enamel Standard Colors, Add	167.95	
		For Anodized Finish, Add	223.94	
		For Kynar® Standard Colors Finish, Add	307.91	
08 91 19 00-0063	EA	36" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	867.68	65.53
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	73.66	
		For Clear Lacquer Finish, Add	147.33	
		For Baked Enamel Standard Colors, Add	220.99	
		For Anodized Finish, Add	294.65	
		For Kynar® Standard Colors Finish, Add	405.15	
08 91 19 00-0064	EA	36" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,003.42	74.47
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	85.45	
		For Clear Lacquer Finish, Add	170.90	
		For Baked Enamel Standard Colors, Add	256.35	
		For Anodized Finish, Add	341.80	
		For Kynar® Standard Colors Finish, Add	469.97	
08 91 19 00-0065	EA	36" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,165.22	83.39
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	99.84	
		For Clear Lacquer Finish, Add	199.68	
		For Baked Enamel Standard Colors, Add	299.53	
		For Anodized Finish, Add	399.37	
		For Kynar® Standard Colors Finish, Add	549.13	
08 91 19 00-0066	EA	36" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,347.24	90.55
		Note: Includes bird screen.		
		For Flange Frame, Add	116.62	
		For Clear Lacquer Finish, Add	233.23	
		For Baked Enamel Standard Colors, Add	349.85	
		For Anodized Finish, Add	466.46	
		For Kynar® Standard Colors Finish, Add	641.38	
08 91 19 00-0067	EA	36" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,488.53	98.29
		Note: Includes bird screen.		
		For Flange Frame, Add	129.19	
		For Clear Lacquer Finish, Add	258.39	
		For Baked Enamel Standard Colors, Add	387.58	
		For Anodized Finish, Add	516.78	
		For Kynar® Standard Colors Finish, Add	710.57	
08 91 19 00-0068	EA	36" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,610.37	104.25
		Note: Includes bird screen.		
		For Flange Frame, Add	140.19	
		For Clear Lacquer Finish, Add	280.37	
		For Baked Enamel Standard Colors, Add	420.56	
		For Anodized Finish, Add	560.75	
		For Kynar® Standard Colors Finish, Add	771.03	
08 91 19 00-0069	EA	36" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,773.30	113.18
		Note: Includes bird screen.		
		For Flange Frame, Add	154.69	
		For Clear Lacquer Finish, Add	309.39	
		For Baked Enamel Standard Colors, Add	464.08	
		For Anodized Finish, Add	618.77	
		For Kynar® Standard Colors Finish, Add	850.81	
08 91 19 00-0070	EA	36" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,896.56	122.12
		Note: Includes bird screen.		
		For Flange Frame, Add	165.23	
		For Clear Lacquer Finish, Add	330.46	
		For Baked Enamel Standard Colors, Add	495.70	
		For Anodized Finish, Add	660.93	
		For Kynar® Standard Colors Finish, Add	908.78	
08 91 19 00-0071	EA	36" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,092.36	131.05
		Note: Includes bird screen.		
		For Flange Frame, Add	183.03	
		For Clear Lacquer Finish, Add	366.05	
		For Baked Enamel Standard Colors, Add	549.08	
		For Anodized Finish, Add	732.10	
		For Kynar® Standard Colors Finish, Add	1,006.64	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0072	EA		36" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum.....	2,221.29	139.99
			Note: Includes bird screen.		
			For Flange Frame, Add	194.13	
			For Clear Lacquer Finish, Add	388.26	
			For Baked Enamel Standard Colors, Add	582.39	
			For Anodized Finish, Add	776.52	
			For Kynar® Standard Colors Finish, Add	1,067.72	
08 91 19 00-0073	EA		36" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum.....	2,361.26	145.95
			Note: Includes bird screen.		
			For Flange Frame, Add	206.94	
			For Clear Lacquer Finish, Add	413.87	
			For Baked Enamel Standard Colors, Add	620.81	
			For Anodized Finish, Add	827.75	
			For Kynar® Standard Colors Finish, Add	1,138.15	
08 91 19 00-0074	EA		36" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum.....	2,506.91	151.90
			Note: Includes bird screen.		
			For Flange Frame, Add	220.31	
			For Clear Lacquer Finish, Add	440.62	
			For Baked Enamel Standard Colors, Add	660.93	
			For Anodized Finish, Add	881.24	
			For Kynar® Standard Colors Finish, Add	1,211.71	
08 91 19 00-0075	EA		36" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum.....	2,631.30	160.84
			Note: Includes bird screen.		
			For Flange Frame, Add	230.96	
			For Clear Lacquer Finish, Add	461.92	
			For Baked Enamel Standard Colors, Add	692.89	
			For Anodized Finish, Add	923.85	
			For Kynar® Standard Colors Finish, Add	1,270.29	
08 91 19 00-0076	EA		36" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum.....	2,825.97	169.78
			Note: Includes bird screen.		
			For Flange Frame, Add	248.64	
			For Clear Lacquer Finish, Add	497.28	
			For Baked Enamel Standard Colors, Add	745.93	
			For Anodized Finish, Add	994.57	
			For Kynar® Standard Colors Finish, Add	1,367.53	
08 91 19 00-0077	EA		42" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum.....	769.35	56.60
			Note: Includes bird screen.		
			For Flange Frame, Add	65.62	
			For Clear Lacquer Finish, Add	131.23	
			For Baked Enamel Standard Colors, Add	196.85	
			For Anodized Finish, Add	262.47	
			For Kynar® Standard Colors Finish, Add	360.89	
08 91 19 00-0078	EA		42" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum.....	943.07	71.49
			Note: Includes bird screen.		
			For Flange Frame, Add	80.01	
			For Clear Lacquer Finish, Add	160.02	
			For Baked Enamel Standard Colors, Add	240.03	
			For Anodized Finish, Add	320.04	
			For Kynar® Standard Colors Finish, Add	440.06	
08 91 19 00-0079	EA		42" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	1,093.53	80.42
			Note: Includes bird screen.		
			For Flange Frame, Add	93.27	
			For Clear Lacquer Finish, Add	186.54	
			For Baked Enamel Standard Colors, Add	279.81	
			For Anodized Finish, Add	373.08	
			For Kynar® Standard Colors Finish, Add	512.98	
08 91 19 00-0080	EA		42" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	1,279.42	92.33
			Note: Includes bird screen.		
			For Flange Frame, Add	109.48	
			For Clear Lacquer Finish, Add	218.95	
			For Baked Enamel Standard Colors, Add	328.43	
			For Anodized Finish, Add	437.90	
			For Kynar® Standard Colors Finish, Add	602.11	
08 91 19 00-0081	EA		42" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum.....	1,477.20	98.29
			Note: Includes bird screen.		
			For Flange Frame, Add	128.06	
			For Clear Lacquer Finish, Add	256.12	
			For Baked Enamel Standard Colors, Add	384.18	
			For Anodized Finish, Add	512.24	
			For Kynar® Standard Colors Finish, Add	704.34	
08 91 19 00-0082	EA		42" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	1,635.30	104.25
			Note: Includes bird screen.		
			For Flange Frame, Add	142.68	
			For Clear Lacquer Finish, Add	285.36	
			For Baked Enamel Standard Colors, Add	428.04	
			For Anodized Finish, Add	570.72	
			For Kynar® Standard Colors Finish, Add	784.74	
08 91 19 00-0083	EA		42" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	1,771.88	110.20
			Note: Includes bird screen.		
			For Flange Frame, Add	155.15	
			For Clear Lacquer Finish, Add	310.29	
			For Baked Enamel Standard Colors, Add	465.44	
			For Anodized Finish, Add	620.58	
			For Kynar® Standard Colors Finish, Add	853.30	
08 91 19 00-0084	EA		42" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum.....	1,934.80	119.14
			Note: Includes bird screen.		
			For Flange Frame, Add	169.65	
			For Clear Lacquer Finish, Add	339.30	
			For Baked Enamel Standard Colors, Add	508.96	
			For Anodized Finish, Add	678.61	
			For Kynar® Standard Colors Finish, Add	933.09	

08 Openings

08 90 Louvers and Vents

08 91 Louvers

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 91 19 00-0085	EA	42" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	2,073.93	128.07
		Note: Includes bird screen.		
		For Flange Frame, Add	181.78	
		For Clear Lacquer Finish, Add	363.56	
		For Baked Enamel Standard Colors, Add	545.33	
		For Anodized Finish, Add	727.11	
		For Kynar® Standard Colors Finish, Add	999.78	
08 91 19 00-0086	EA	42" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,291.26	137.01
		Note: Includes bird screen.		
		For Flange Frame, Add	201.72	
		For Clear Lacquer Finish, Add	403.45	
		For Baked Enamel Standard Colors, Add	605.17	
		For Anodized Finish, Add	806.90	
		For Kynar® Standard Colors Finish, Add	1,109.48	
08 91 19 00-0087	EA	42" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	2,430.39	145.95
		Note: Includes bird screen.		
		For Flange Frame, Add	213.85	
		For Clear Lacquer Finish, Add	427.70	
		For Baked Enamel Standard Colors, Add	641.55	
		For Anodized Finish, Add	855.40	
		For Kynar® Standard Colors Finish, Add	1,176.18	
08 91 19 00-0088	EA	42" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	2,588.50	151.90
		Note: Includes bird screen.		
		For Flange Frame, Add	228.47	
		For Clear Lacquer Finish, Add	456.94	
		For Baked Enamel Standard Colors, Add	685.41	
		For Anodized Finish, Add	913.88	
		For Kynar® Standard Colors Finish, Add	1,256.58	
08 91 19 00-0089	EA	42" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	2,747.74	157.86
		Note: Includes bird screen.		
		For Flange Frame, Add	243.20	
		For Clear Lacquer Finish, Add	486.40	
		For Baked Enamel Standard Colors, Add	729.61	
		For Anodized Finish, Add	972.81	
		For Kynar® Standard Colors Finish, Add	1,337.61	
08 91 19 00-0090	EA	42" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	2,894.81	166.80
		Note: Includes bird screen.		
		For Flange Frame, Add	256.12	
		For Clear Lacquer Finish, Add	512.24	
		For Baked Enamel Standard Colors, Add	768.36	
		For Anodized Finish, Add	1,024.48	
		For Kynar® Standard Colors Finish, Add	1,408.67	
08 91 19 00-0091	EA	42" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	3,104.21	175.73
		Note: Includes bird screen.		
		For Flange Frame, Add	275.27	
		For Clear Lacquer Finish, Add	550.55	
		For Baked Enamel Standard Colors, Add	825.82	
		For Anodized Finish, Add	1,101.10	
		For Kynar® Standard Colors Finish, Add	1,514.01	
08 91 19 00-0092	EA	48" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	841.33	62.55
		Note: Includes bird screen.		
		For Flange Frame, Add	71.62	
		For Clear Lacquer Finish, Add	143.25	
		For Baked Enamel Standard Colors, Add	214.87	
		For Anodized Finish, Add	286.49	
		For Kynar® Standard Colors Finish, Add	393.93	
08 91 19 00-0093	EA	48" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,030.91	77.44
		Note: Includes bird screen.		
		For Flange Frame, Add	87.60	
		For Clear Lacquer Finish, Add	175.21	
		For Baked Enamel Standard Colors, Add	262.81	
		For Anodized Finish, Add	350.41	
		For Kynar® Standard Colors Finish, Add	481.82	
08 91 19 00-0094	EA	48" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,207.73	89.35
		Note: Includes bird screen.		
		For Flange Frame, Add	102.90	
		For Clear Lacquer Finish, Add	205.80	
		For Baked Enamel Standard Colors, Add	308.71	
		For Anodized Finish, Add	411.61	
		For Kynar® Standard Colors Finish, Add	565.96	
08 91 19 00-0095	EA	48" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,391.07	98.29
		Note: Includes bird screen.		
		For Flange Frame, Add	119.45	
		For Clear Lacquer Finish, Add	238.90	
		For Baked Enamel Standard Colors, Add	358.34	
		For Anodized Finish, Add	477.79	
		For Kynar® Standard Colors Finish, Add	656.96	
08 91 19 00-0096	EA	48" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,617.17	104.25
		Note: Includes bird screen.		
		For Flange Frame, Add	140.87	
		For Clear Lacquer Finish, Add	281.73	
		For Baked Enamel Standard Colors, Add	422.60	
		For Anodized Finish, Add	563.47	
		For Kynar® Standard Colors Finish, Add	774.77	
08 91 19 00-0097	EA	48" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,800.21	110.20
		Note: Includes bird screen.		
		For Flange Frame, Add	157.98	
		For Clear Lacquer Finish, Add	315.96	
		For Baked Enamel Standard Colors, Add	473.94	
		For Anodized Finish, Add	631.92	
		For Kynar® Standard Colors Finish, Add	868.88	

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 91 19 00-0098	EA	48" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	1,950.67	119.14
		Note: Includes bird screen.		
		For Flange Frame, Add	171.24	
		For Clear Lacquer Finish, Add	342.48	
		For Baked Enamel Standard Colors, Add	513.72	
		For Anodized Finish, Add	684.96	
		For Kynar® Standard Colors Finish, Add	941.81	
08 91 19 00-0099	EA	48" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum.....	2,188.39	128.07
		Note: Includes bird screen.		
		For Flange Frame, Add	193.22	
		For Clear Lacquer Finish, Add	386.45	
		For Baked Enamel Standard Colors, Add	579.67	
		For Anodized Finish, Add	772.90	
		For Kynar® Standard Colors Finish, Add	1,062.73	
08 91 19 00-0100	EA	48" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum.....	2,291.26	137.01
		Note: Includes bird screen.		
		For Flange Frame, Add	201.72	
		For Clear Lacquer Finish, Add	403.45	
		For Baked Enamel Standard Colors, Add	605.17	
		For Anodized Finish, Add	806.90	
		For Kynar® Standard Colors Finish, Add	1,109.48	
08 91 19 00-0101	EA	48" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum.....	2,523.32	145.95
		Note: Includes bird screen.		
		For Flange Frame, Add	223.14	
		For Clear Lacquer Finish, Add	446.29	
		For Baked Enamel Standard Colors, Add	669.43	
		For Anodized Finish, Add	892.57	
		For Kynar® Standard Colors Finish, Add	1,227.29	
08 91 19 00-0102	EA	48" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum.....	2,683.99	154.88
		Note: Includes bird screen.		
		For Flange Frame, Add	237.42	
		For Clear Lacquer Finish, Add	474.84	
		For Baked Enamel Standard Colors, Add	712.27	
		For Anodized Finish, Add	949.69	
		For Kynar® Standard Colors Finish, Add	1,305.82	
08 91 19 00-0103	EA	48" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum.....	2,860.23	160.84
		Note: Includes bird screen.		
		For Flange Frame, Add	253.86	
		For Clear Lacquer Finish, Add	507.71	
		For Baked Enamel Standard Colors, Add	761.57	
		For Anodized Finish, Add	1,015.42	
		For Kynar® Standard Colors Finish, Add	1,396.20	
08 91 19 00-0104	EA	48" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum.....	3,036.47	166.80
		Note: Includes bird screen.		
		For Flange Frame, Add	270.29	
		For Clear Lacquer Finish, Add	540.57	
		For Baked Enamel Standard Colors, Add	810.86	
		For Anodized Finish, Add	1,081.15	
		For Kynar® Standard Colors Finish, Add	1,486.58	
08 91 19 00-0105	EA	48" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum.....	3,183.24	172.76
		Note: Includes bird screen.		
		For Flange Frame, Add	283.77	
		For Clear Lacquer Finish, Add	567.55	
		For Baked Enamel Standard Colors, Add	851.32	
		For Anodized Finish, Add	1,135.09	
		For Kynar® Standard Colors Finish, Add	1,560.75	
08 91 19 00-0106	EA	48" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum.....	3,424.37	181.69
		Note: Includes bird screen.		
		For Flange Frame, Add	306.10	
		For Clear Lacquer Finish, Add	612.20	
		For Baked Enamel Standard Colors, Add	918.30	
		For Anodized Finish, Add	1,224.40	
		For Kynar® Standard Colors Finish, Add	1,683.54	
08 91 19 00-0107	EA	54" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum.....	931.73	71.49
		Note: Includes bird screen.		
		For Flange Frame, Add	78.88	
		For Clear Lacquer Finish, Add	157.75	
		For Baked Enamel Standard Colors, Add	236.63	
		For Anodized Finish, Add	315.50	
		For Kynar® Standard Colors Finish, Add	433.82	
08 91 19 00-0108	EA	54" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum.....	1,143.98	86.37
		Note: Includes bird screen.		
		For Flange Frame, Add	97.12	
		For Clear Lacquer Finish, Add	194.24	
		For Baked Enamel Standard Colors, Add	291.37	
		For Anodized Finish, Add	388.49	
		For Kynar® Standard Colors Finish, Add	534.17	
08 91 19 00-0109	EA	54" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	1,339.22	101.27
		Note: Includes bird screen.		
		For Flange Frame, Add	113.67	
		For Clear Lacquer Finish, Add	227.34	
		For Baked Enamel Standard Colors, Add	341.00	
		For Anodized Finish, Add	454.67	
		For Kynar® Standard Colors Finish, Add	625.17	
08 91 19 00-0110	EA	54" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	1,535.86	107.22
		Note: Includes bird screen.		
		For Flange Frame, Add	132.14	
		For Clear Lacquer Finish, Add	264.28	
		For Baked Enamel Standard Colors, Add	396.42	
		For Anodized Finish, Add	528.56	
		For Kynar® Standard Colors Finish, Add	726.77	

08 Openings**08 90 Louvers and Vents****08 91 Louvers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 91 19 00-0111	EA	54" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,806.16	113.18
		Note: Includes bird screen.		
		For Flange Frame, Add	157.98	
		For Clear Lacquer Finish, Add	315.96	
		For Baked Enamel Standard Colors, Add	473.94	
		For Anodized Finish, Add	631.92	
		For Kynar® Standard Colors Finish, Add	868.88	
08 91 19 00-0112	EA	54" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,993.73	119.14
		Note: Includes bird screen.		
		For Flange Frame, Add	175.55	
		For Clear Lacquer Finish, Add	351.09	
		For Baked Enamel Standard Colors, Add	526.64	
		For Anodized Finish, Add	702.18	
		For Kynar® Standard Colors Finish, Add	965.50	
08 91 19 00-0113	EA	54" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	2,170.26	128.07
		Note: Includes bird screen.		
		For Flange Frame, Add	191.41	
		For Clear Lacquer Finish, Add	382.82	
		For Baked Enamel Standard Colors, Add	574.23	
		For Anodized Finish, Add	765.64	
		For Kynar® Standard Colors Finish, Add	1,052.76	
08 91 19 00-0114	EA	54" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	2,429.52	137.01
		Note: Includes bird screen.		
		For Flange Frame, Add	215.55	
		For Clear Lacquer Finish, Add	431.10	
		For Baked Enamel Standard Colors, Add	646.65	
		For Anodized Finish, Add	862.20	
		For Kynar® Standard Colors Finish, Add	1,185.53	
08 91 19 00-0115	EA	54" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	2,611.71	145.95
		Note: Includes bird screen.		
		For Flange Frame, Add	231.98	
		For Clear Lacquer Finish, Add	463.96	
		For Baked Enamel Standard Colors, Add	695.95	
		For Anodized Finish, Add	927.93	
		For Kynar® Standard Colors Finish, Add	1,275.90	
08 91 19 00-0116	EA	54" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,883.45	154.88
		Note: Includes bird screen.		
		For Flange Frame, Add	257.37	
		For Clear Lacquer Finish, Add	514.74	
		For Baked Enamel Standard Colors, Add	772.10	
		For Anodized Finish, Add	1,029.47	
		For Kynar® Standard Colors Finish, Add	1,415.52	
08 91 19 00-0117	EA	54" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	3,058.55	160.84
		Note: Includes bird screen.		
		For Flange Frame, Add	273.69	
		For Clear Lacquer Finish, Add	547.37	
		For Baked Enamel Standard Colors, Add	821.06	
		For Anodized Finish, Add	1,094.75	
		For Kynar® Standard Colors Finish, Add	1,505.28	
08 91 19 00-0118	EA	54" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	3,258.60	166.80
		Note: Includes bird screen.		
		For Flange Frame, Add	292.50	
		For Clear Lacquer Finish, Add	585.00	
		For Baked Enamel Standard Colors, Add	877.50	
		For Anodized Finish, Add	1,170.00	
		For Kynar® Standard Colors Finish, Add	1,608.75	
08 91 19 00-0119	EA	54" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	3,450.70	172.76
		Note: Includes bird screen.		
		For Flange Frame, Add	310.52	
		For Clear Lacquer Finish, Add	621.04	
		For Baked Enamel Standard Colors, Add	931.56	
		For Anodized Finish, Add	1,242.08	
		For Kynar® Standard Colors Finish, Add	1,707.85	
08 91 19 00-0120	EA	54" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	3,609.94	178.71
		Note: Includes bird screen.		
		For Flange Frame, Add	325.25	
		For Clear Lacquer Finish, Add	650.50	
		For Baked Enamel Standard Colors, Add	975.75	
		For Anodized Finish, Add	1,301.00	
		For Kynar® Standard Colors Finish, Add	1,788.88	
08 91 19 00-0121	EA	54" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	3,890.73	187.65
		Note: Includes bird screen.		
		For Flange Frame, Add	351.54	
		For Clear Lacquer Finish, Add	703.09	
		For Baked Enamel Standard Colors, Add	1,054.63	
		For Anodized Finish, Add	1,406.17	
		For Kynar® Standard Colors Finish, Add	1,933.49	
08 91 19 00-0122	EA	60" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,001.44	77.44
		Note: Includes bird screen.		
		For Flange Frame, Add	84.66	
		For Clear Lacquer Finish, Add	169.31	
		For Baked Enamel Standard Colors, Add	253.97	
		For Anodized Finish, Add	338.62	
		For Kynar® Standard Colors Finish, Add	465.61	
08 91 19 00-0123	EA	60" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,235.51	95.31
		Note: Includes bird screen.		
		For Flange Frame, Add	104.49	
		For Clear Lacquer Finish, Add	208.98	
		For Baked Enamel Standard Colors, Add	313.46	
		For Anodized Finish, Add	417.95	
		For Kynar® Standard Colors Finish, Add	574.68	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0124	EA		60" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	1,436.14	107.22
			Note: Includes bird screen.		
			For Flange Frame, Add	122.17	
			For Clear Lacquer Finish, Add	244.34	
			For Baked Enamel Standard Colors, Add	366.50	
			For Anodized Finish, Add	488.67	
			For Kynar® Standard Colors Finish, Add	671.92	
08 91 19 00-0125	EA		60" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	1,663.37	113.18
			Note: Includes bird screen.		
			For Flange Frame, Add	143.70	
			For Clear Lacquer Finish, Add	287.40	
			For Baked Enamel Standard Colors, Add	431.10	
			For Anodized Finish, Add	574.80	
			For Kynar® Standard Colors Finish, Add	790.35	
08 91 19 00-0126	EA		60" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum.....	1,945.29	122.12
			Note: Includes bird screen.		
			For Flange Frame, Add	170.11	
			For Clear Lacquer Finish, Add	340.21	
			For Baked Enamel Standard Colors, Add	510.32	
			For Anodized Finish, Add	680.42	
			For Kynar® Standard Colors Finish, Add	935.58	
08 91 19 00-0127	EA		60" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	2,155.53	128.07
			Note: Includes bird screen.		
			For Flange Frame, Add	189.94	
			For Clear Lacquer Finish, Add	379.88	
			For Baked Enamel Standard Colors, Add	569.81	
			For Anodized Finish, Add	759.75	
			For Kynar® Standard Colors Finish, Add	1,044.66	
08 91 19 00-0128	EA		60" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	2,339.99	137.01
			Note: Includes bird screen.		
			For Flange Frame, Add	206.60	
			For Clear Lacquer Finish, Add	413.19	
			For Baked Enamel Standard Colors, Add	619.79	
			For Anodized Finish, Add	826.39	
			For Kynar® Standard Colors Finish, Add	1,136.28	
08 91 19 00-0129	EA		60" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum.....	2,617.38	145.95
			Note: Includes bird screen.		
			For Flange Frame, Add	232.55	
			For Clear Lacquer Finish, Add	465.10	
			For Baked Enamel Standard Colors, Add	697.65	
			For Anodized Finish, Add	930.20	
			For Kynar® Standard Colors Finish, Add	1,279.02	
08 91 19 00-0130	EA		60" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum.....	2,813.19	154.88
			Note: Includes bird screen.		
			For Flange Frame, Add	250.34	
			For Clear Lacquer Finish, Add	500.68	
			For Baked Enamel Standard Colors, Add	751.03	
			For Anodized Finish, Add	1,001.37	
			For Kynar® Standard Colors Finish, Add	1,376.88	
08 91 19 00-0131	EA		60" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum.....	3,107.58	163.82
			Note: Includes bird screen.		
			For Flange Frame, Add	277.99	
			For Clear Lacquer Finish, Add	555.99	
			For Baked Enamel Standard Colors, Add	833.98	
			For Anodized Finish, Add	1,111.98	
			For Kynar® Standard Colors Finish, Add	1,528.97	
08 91 19 00-0132	EA		60" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum.....	3,294.01	169.78
			Note: Includes bird screen.		
			For Flange Frame, Add	295.45	
			For Clear Lacquer Finish, Add	590.89	
			For Baked Enamel Standard Colors, Add	886.34	
			For Anodized Finish, Add	1,181.78	
			For Kynar® Standard Colors Finish, Add	1,624.95	
08 91 19 00-0133	EA		60" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum.....	3,506.52	175.73
			Note: Includes bird screen.		
			For Flange Frame, Add	315.51	
			For Clear Lacquer Finish, Add	631.01	
			For Baked Enamel Standard Colors, Add	946.52	
			For Anodized Finish, Add	1,262.02	
			For Kynar® Standard Colors Finish, Add	1,735.28	
08 91 19 00-0134	EA		60" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum.....	3,714.49	181.69
			Note: Includes bird screen.		
			For Flange Frame, Add	335.11	
			For Clear Lacquer Finish, Add	670.22	
			For Baked Enamel Standard Colors, Add	1,005.33	
			For Anodized Finish, Add	1,340.44	
			For Kynar® Standard Colors Finish, Add	1,843.11	
08 91 19 00-0135	EA		60" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum.....	3,890.73	187.65
			Note: Includes bird screen.		
			For Flange Frame, Add	351.54	
			For Clear Lacquer Finish, Add	703.09	
			For Baked Enamel Standard Colors, Add	1,054.63	
			For Anodized Finish, Add	1,406.17	
			For Kynar® Standard Colors Finish, Add	1,933.49	
08 91 19 00-0136	EA		60" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum.....	4,184.82	193.61
			Note: Includes bird screen.		
			For Flange Frame, Add	379.76	
			For Clear Lacquer Finish, Add	759.52	
			For Baked Enamel Standard Colors, Add	1,139.29	
			For Anodized Finish, Add	1,519.05	
			For Kynar® Standard Colors Finish, Add	2,088.69	

08 Openings
08 90 Louvers and Vents
08 91 Louvers

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 91 19 00-0137	EA	66" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,155.02	83.39
		Note: Includes bird screen.		
		For Flange Frame, Add	98.82	
		For Clear Lacquer Finish, Add	197.64	
		For Baked Enamel Standard Colors, Add	296.47	
		For Anodized Finish, Add	395.29	
		For Kynar® Standard Colors Finish, Add	543.52	
08 91 19 00-0138	EA	66" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,428.75	101.27
		Note: Includes bird screen.		
		For Flange Frame, Add	122.62	
		For Clear Lacquer Finish, Add	245.24	
		For Baked Enamel Standard Colors, Add	367.86	
		For Anodized Finish, Add	490.48	
		For Kynar® Standard Colors Finish, Add	674.42	
08 91 19 00-0139	EA	66" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,665.08	119.14
		Note: Includes bird screen.		
		For Flange Frame, Add	142.68	
		For Clear Lacquer Finish, Add	285.36	
		For Baked Enamel Standard Colors, Add	428.04	
		For Anodized Finish, Add	570.72	
		For Kynar® Standard Colors Finish, Add	784.74	
08 91 19 00-0140	EA	66" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,912.71	125.10
		Note: Includes bird screen.		
		For Flange Frame, Add	166.25	
		For Clear Lacquer Finish, Add	332.50	
		For Baked Enamel Standard Colors, Add	498.76	
		For Anodized Finish, Add	665.01	
		For Kynar® Standard Colors Finish, Add	914.39	
08 91 19 00-0141	EA	66" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	2,241.95	131.05
		Note: Includes bird screen.		
		For Flange Frame, Add	197.98	
		For Clear Lacquer Finish, Add	395.97	
		For Baked Enamel Standard Colors, Add	593.95	
		For Anodized Finish, Add	791.94	
		For Kynar® Standard Colors Finish, Add	1,088.91	
08 91 19 00-0142	EA	66" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	2,471.45	137.01
		Note: Includes bird screen.		
		For Flange Frame, Add	219.74	
		For Clear Lacquer Finish, Add	439.49	
		For Baked Enamel Standard Colors, Add	659.23	
		For Anodized Finish, Add	878.97	
		For Kynar® Standard Colors Finish, Add	1,208.59	
08 91 19 00-0143	EA	66" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	2,692.18	145.95
		Note: Includes bird screen.		
		For Flange Frame, Add	240.03	
		For Clear Lacquer Finish, Add	480.06	
		For Baked Enamel Standard Colors, Add	720.09	
		For Anodized Finish, Add	960.12	
		For Kynar® Standard Colors Finish, Add	1,320.16	
08 91 19 00-0144	EA	66" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	2,951.45	154.88
		Note: Includes bird screen.		
		For Flange Frame, Add	264.17	
		For Clear Lacquer Finish, Add	528.34	
		For Baked Enamel Standard Colors, Add	792.50	
		For Anodized Finish, Add	1,056.67	
		For Kynar® Standard Colors Finish, Add	1,452.92	
08 91 19 00-0145	EA	66" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	3,171.04	163.82
		Note: Includes bird screen.		
		For Flange Frame, Add	284.34	
		For Clear Lacquer Finish, Add	568.68	
		For Baked Enamel Standard Colors, Add	853.02	
		For Anodized Finish, Add	1,137.36	
		For Kynar® Standard Colors Finish, Add	1,563.87	
08 91 19 00-0146	EA	66" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	3,508.79	175.73
		Note: Includes bird screen.		
		For Flange Frame, Add	315.73	
		For Clear Lacquer Finish, Add	631.46	
		For Baked Enamel Standard Colors, Add	947.20	
		For Anodized Finish, Add	1,262.93	
		For Kynar® Standard Colors Finish, Add	1,736.53	
08 91 19 00-0147	EA	66" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	3,720.45	184.67
		Note: Includes bird screen.		
		For Flange Frame, Add	335.11	
		For Clear Lacquer Finish, Add	670.22	
		For Baked Enamel Standard Colors, Add	1,005.33	
		For Anodized Finish, Add	1,340.44	
		For Kynar® Standard Colors Finish, Add	1,843.11	
08 91 19 00-0148	EA	66" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	3,945.42	190.63
		Note: Includes bird screen.		
		For Flange Frame, Add	356.42	
		For Clear Lacquer Finish, Add	712.83	
		For Baked Enamel Standard Colors, Add	1,069.25	
		For Anodized Finish, Add	1,425.67	
		For Kynar® Standard Colors Finish, Add	1,960.29	
08 91 19 00-0149	EA	66" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	4,174.92	196.59
		Note: Includes bird screen.		
		For Flange Frame, Add	378.18	
		For Clear Lacquer Finish, Add	756.35	
		For Baked Enamel Standard Colors, Add	1,134.53	
		For Anodized Finish, Add	1,512.70	
		For Kynar® Standard Colors Finish, Add	2,079.97	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0150	EA		66" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum.....	4,373.83	202.54
			Note: Includes bird screen.		
			For Flange Frame, Add	396.88	
			For Clear Lacquer Finish, Add	793.75	
			For Baked Enamel Standard Colors, Add	1,190.63	
			For Anodized Finish, Add	1,587.50	
			For Kynar® Standard Colors Finish, Add	2,182.81	
08 91 19 00-0151	EA		66" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum.....	4,701.92	208.50
			Note: Includes bird screen.		
			For Flange Frame, Add	428.49	
			For Clear Lacquer Finish, Add	856.99	
			For Baked Enamel Standard Colors, Add	1,285.48	
			For Anodized Finish, Add	1,713.97	
			For Kynar® Standard Colors Finish, Add	2,356.71	
08 91 19 00-0152	EA		72" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum.....	1,219.06	89.35
			Note: Includes bird screen.		
			For Flange Frame, Add	104.04	
			For Clear Lacquer Finish, Add	208.07	
			For Baked Enamel Standard Colors, Add	312.11	
			For Anodized Finish, Add	416.14	
			For Kynar® Standard Colors Finish, Add	572.19	
08 91 19 00-0153	EA		72" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum.....	1,506.40	107.22
			Note: Includes bird screen.		
			For Flange Frame, Add	129.19	
			For Clear Lacquer Finish, Add	258.39	
			For Baked Enamel Standard Colors, Add	387.58	
			For Anodized Finish, Add	516.78	
			For Kynar® Standard Colors Finish, Add	710.57	
08 91 19 00-0154	EA		72" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	1,755.19	125.10
			Note: Includes bird screen.		
			For Flange Frame, Add	150.50	
			For Clear Lacquer Finish, Add	301.00	
			For Baked Enamel Standard Colors, Add	451.50	
			For Anodized Finish, Add	602.00	
			For Kynar® Standard Colors Finish, Add	827.75	
08 91 19 00-0155	EA		72" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	2,023.51	134.03
			Note: Includes bird screen.		
			For Flange Frame, Add	175.55	
			For Clear Lacquer Finish, Add	351.09	
			For Baked Enamel Standard Colors, Add	526.64	
			For Anodized Finish, Add	702.18	
			For Kynar® Standard Colors Finish, Add	965.50	
08 91 19 00-0156	EA		72" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum.....	2,376.55	139.99
			Note: Includes bird screen.		
			For Flange Frame, Add	209.66	
			For Clear Lacquer Finish, Add	419.31	
			For Baked Enamel Standard Colors, Add	628.97	
			For Anodized Finish, Add	838.63	
			For Kynar® Standard Colors Finish, Add	1,153.11	
08 91 19 00-0157	EA		72" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	2,618.51	145.95
			Note: Includes bird screen.		
			For Flange Frame, Add	232.66	
			For Clear Lacquer Finish, Add	465.32	
			For Baked Enamel Standard Colors, Add	697.99	
			For Anodized Finish, Add	930.65	
			For Kynar® Standard Colors Finish, Add	1,279.64	
08 91 19 00-0158	EA		72" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	2,853.98	154.88
			Note: Includes bird screen.		
			For Flange Frame, Add	254.42	
			For Clear Lacquer Finish, Add	508.84	
			For Baked Enamel Standard Colors, Add	763.26	
			For Anodized Finish, Add	1,017.68	
			For Kynar® Standard Colors Finish, Add	1,399.32	
08 91 19 00-0159	EA		72" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum.....	3,122.01	160.84
			Note: Includes bird screen.		
			For Flange Frame, Add	280.03	
			For Clear Lacquer Finish, Add	560.07	
			For Baked Enamel Standard Colors, Add	840.10	
			For Anodized Finish, Add	1,120.13	
			For Kynar® Standard Colors Finish, Add	1,540.18	
08 91 19 00-0160	EA		72" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum.....	3,351.81	169.78
			Note: Includes bird screen.		
			For Flange Frame, Add	301.23	
			For Clear Lacquer Finish, Add	602.45	
			For Baked Enamel Standard Colors, Add	903.68	
			For Anodized Finish, Add	1,204.90	
			For Kynar® Standard Colors Finish, Add	1,656.74	
08 91 19 00-0161	EA		72" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum.....	3,720.45	184.67
			Note: Includes bird screen.		
			For Flange Frame, Add	335.11	
			For Clear Lacquer Finish, Add	670.22	
			For Baked Enamel Standard Colors, Add	1,005.33	
			For Anodized Finish, Add	1,340.44	
			For Kynar® Standard Colors Finish, Add	1,843.11	
08 91 19 00-0162	EA		72" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum.....	3,953.63	193.61
			Note: Includes bird screen.		
			For Flange Frame, Add	356.64	
			For Clear Lacquer Finish, Add	713.29	
			For Baked Enamel Standard Colors, Add	1,069.93	
			For Anodized Finish, Add	1,426.57	
			For Kynar® Standard Colors Finish, Add	1,961.54	

08 Openings**08 90 Louvers and Vents****08 91 Louvers**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

08 91 19 00-0163	EA	72" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	4,185.41	199.56
		Note: Includes bird screen.		
		For Flange Frame, Add	378.63	
		For Clear Lacquer Finish, Add	757.26	
		For Baked Enamel Standard Colors, Add	1,135.89	
		For Anodized Finish, Add	1,514.52	
		For Kynar® Standard Colors Finish, Add	2,082.46	
08 91 19 00-0164	EA	72" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	4,420.57	205.52
		Note: Includes bird screen.		
		For Flange Frame, Add	400.95	
		For Clear Lacquer Finish, Add	801.91	
		For Baked Enamel Standard Colors, Add	1,202.86	
		For Anodized Finish, Add	1,603.82	
		For Kynar® Standard Colors Finish, Add	2,205.25	
08 91 19 00-0165	EA	72" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	4,641.02	211.48
		Note: Includes bird screen.		
		For Flange Frame, Add	421.81	
		For Clear Lacquer Finish, Add	843.61	
		For Baked Enamel Standard Colors, Add	1,265.42	
		For Anodized Finish, Add	1,687.23	
		For Kynar® Standard Colors Finish, Add	2,319.94	
08 91 19 00-0166	EA	72" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	4,990.65	217.44
		Note: Includes bird screen.		
		For Flange Frame, Add	455.58	
		For Clear Lacquer Finish, Add	911.16	
		For Baked Enamel Standard Colors, Add	1,366.74	
		For Anodized Finish, Add	1,822.32	
		For Kynar® Standard Colors Finish, Add	2,505.68	
08 91 19 00-0167	EA	78" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,296.71	95.31
		Note: Includes bird screen.		
		For Flange Frame, Add	110.61	
		For Clear Lacquer Finish, Add	221.22	
		For Baked Enamel Standard Colors, Add	331.82	
		For Anodized Finish, Add	442.43	
		For Kynar® Standard Colors Finish, Add	608.34	
08 91 19 00-0168	EA	78" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,591.97	113.18
		Note: Includes bird screen.		
		For Flange Frame, Add	136.56	
		For Clear Lacquer Finish, Add	273.12	
		For Baked Enamel Standard Colors, Add	409.68	
		For Anodized Finish, Add	546.24	
		For Kynar® Standard Colors Finish, Add	751.08	
08 91 19 00-0169	EA	78" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,846.44	131.05
		Note: Includes bird screen.		
		For Flange Frame, Add	158.43	
		For Clear Lacquer Finish, Add	316.87	
		For Baked Enamel Standard Colors, Add	475.30	
		For Anodized Finish, Add	633.73	
		For Kynar® Standard Colors Finish, Add	871.38	
08 91 19 00-0170	EA	78" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	2,132.89	139.99
		Note: Includes bird screen.		
		For Flange Frame, Add	185.29	
		For Clear Lacquer Finish, Add	370.58	
		For Baked Enamel Standard Colors, Add	555.87	
		For Anodized Finish, Add	741.16	
		For Kynar® Standard Colors Finish, Add	1,019.10	
08 91 19 00-0171	EA	78" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	2,506.32	145.95
		Note: Includes bird screen.		
		For Flange Frame, Add	221.44	
		For Clear Lacquer Finish, Add	442.89	
		For Baked Enamel Standard Colors, Add	664.33	
		For Anodized Finish, Add	885.77	
		For Kynar® Standard Colors Finish, Add	1,217.94	
08 91 19 00-0172	EA	78" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	2,758.49	151.90
		Note: Includes bird screen.		
		For Flange Frame, Add	245.47	
		For Clear Lacquer Finish, Add	490.94	
		For Baked Enamel Standard Colors, Add	736.40	
		For Anodized Finish, Add	981.87	
		For Kynar® Standard Colors Finish, Add	1,350.07	
08 91 19 00-0173	EA	78" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	3,010.95	160.84
		Note: Includes bird screen.		
		For Flange Frame, Add	268.93	
		For Clear Lacquer Finish, Add	537.85	
		For Baked Enamel Standard Colors, Add	806.78	
		For Anodized Finish, Add	1,075.71	
		For Kynar® Standard Colors Finish, Add	1,479.10	
08 91 19 00-0174	EA	78" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	3,294.86	166.80
		Note: Includes bird screen.		
		For Flange Frame, Add	296.13	
		For Clear Lacquer Finish, Add	592.25	
		For Baked Enamel Standard Colors, Add	888.38	
		For Anodized Finish, Add	1,184.50	
		For Kynar® Standard Colors Finish, Add	1,628.69	
08 91 19 00-0175	EA	78" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	3,541.65	175.73
		Note: Includes bird screen.		
		For Flange Frame, Add	319.02	
		For Clear Lacquer Finish, Add	638.04	
		For Baked Enamel Standard Colors, Add	957.05	
		For Anodized Finish, Add	1,276.07	
		For Kynar® Standard Colors Finish, Add	1,754.60	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0176	EA		78" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum.....	3,934.08	190.63
			Note: Includes bird screen.		
			For Flange Frame, Add	355.28	
			For Clear Lacquer Finish, Add	710.57	
			For Baked Enamel Standard Colors, Add	1,065.85	
			For Anodized Finish, Add	1,421.13	
			For Kynar® Standard Colors Finish, Add	1,954.06	
08 91 19 00-0177	EA		78" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum.....	4,178.61	199.56
			Note: Includes bird screen.		
			For Flange Frame, Add	377.95	
			For Clear Lacquer Finish, Add	755.90	
			For Baked Enamel Standard Colors, Add	1,133.85	
			For Anodized Finish, Add	1,511.80	
			For Kynar® Standard Colors Finish, Add	2,078.72	
08 91 19 00-0178	EA		78" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum.....	4,434.47	208.50
			Note: Includes bird screen.		
			For Flange Frame, Add	401.75	
			For Clear Lacquer Finish, Add	803.50	
			For Baked Enamel Standard Colors, Add	1,205.24	
			For Anodized Finish, Add	1,606.99	
			For Kynar® Standard Colors Finish, Add	2,209.61	
08 91 19 00-0179	EA		78" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum.....	4,669.64	214.46
			Note: Includes bird screen.		
			For Flange Frame, Add	424.07	
			For Clear Lacquer Finish, Add	848.15	
			For Baked Enamel Standard Colors, Add	1,272.22	
			For Anodized Finish, Add	1,696.29	
			For Kynar® Standard Colors Finish, Add	2,332.40	
08 91 19 00-0180	EA		78" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum.....	4,904.81	220.42
			Note: Includes bird screen.		
			For Flange Frame, Add	446.40	
			For Clear Lacquer Finish, Add	892.80	
			For Baked Enamel Standard Colors, Add	1,339.20	
			For Anodized Finish, Add	1,785.60	
			For Kynar® Standard Colors Finish, Add	2,455.19	
08 91 19 00-0181	EA		78" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum.....	5,277.11	226.37
			Note: Includes bird screen.		
			For Flange Frame, Add	482.44	
			For Clear Lacquer Finish, Add	964.87	
			For Baked Enamel Standard Colors, Add	1,447.31	
			For Anodized Finish, Add	1,929.75	
			For Kynar® Standard Colors Finish, Add	2,653.40	
08 91 19 00-0182	EA		84" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum.....	1,359.62	101.27
			Note: Includes bird screen.		
			For Flange Frame, Add	115.71	
			For Clear Lacquer Finish, Add	231.42	
			For Baked Enamel Standard Colors, Add	347.12	
			For Anodized Finish, Add	462.83	
			For Kynar® Standard Colors Finish, Add	636.39	
08 91 19 00-0183	EA		84" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum.....	1,667.35	119.14
			Note: Includes bird screen.		
			For Flange Frame, Add	142.91	
			For Clear Lacquer Finish, Add	285.81	
			For Baked Enamel Standard Colors, Add	428.72	
			For Anodized Finish, Add	571.63	
			For Kynar® Standard Colors Finish, Add	785.99	
08 91 19 00-0184	EA		84" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	1,949.01	137.01
			Note: Includes bird screen.		
			For Flange Frame, Add	167.50	
			For Clear Lacquer Finish, Add	335.00	
			For Baked Enamel Standard Colors, Add	502.50	
			For Anodized Finish, Add	670.00	
			For Kynar® Standard Colors Finish, Add	921.24	
08 91 19 00-0185	EA		84" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	2,244.53	145.95
			Note: Includes bird screen.		
			For Flange Frame, Add	195.26	
			For Clear Lacquer Finish, Add	390.53	
			For Baked Enamel Standard Colors, Add	585.79	
			For Anodized Finish, Add	781.06	
			For Kynar® Standard Colors Finish, Add	1,073.95	
08 91 19 00-0186	EA		84" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum.....	2,641.77	151.90
			Note: Includes bird screen.		
			For Flange Frame, Add	233.80	
			For Clear Lacquer Finish, Add	467.59	
			For Baked Enamel Standard Colors, Add	701.39	
			For Anodized Finish, Add	935.18	
			For Kynar® Standard Colors Finish, Add	1,285.88	
08 91 19 00-0187	EA		84" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	2,908.66	157.86
			Note: Includes bird screen.		
			For Flange Frame, Add	259.29	
			For Clear Lacquer Finish, Add	518.59	
			For Baked Enamel Standard Colors, Add	777.88	
			For Anodized Finish, Add	1,037.18	
			For Kynar® Standard Colors Finish, Add	1,426.12	
08 91 19 00-0188	EA		84" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	3,166.80	166.80
			Note: Includes bird screen.		
			For Flange Frame, Add	283.32	
			For Clear Lacquer Finish, Add	566.64	
			For Baked Enamel Standard Colors, Add	849.96	
			For Anodized Finish, Add	1,133.28	
			For Kynar® Standard Colors Finish, Add	1,558.26	

08 Openings**08 90 Louvers and Vents****08 91 Louvers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 91 19 00-0189	EA	84" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	3,473.36	172.76
		Note: Includes bird screen.		
		For Flange Frame, Add	312.79	
		For Clear Lacquer Finish, Add	625.57	
		For Baked Enamel Standard Colors, Add	938.36	
		For Anodized Finish, Add	1,251.14	
		For Kynar® Standard Colors Finish, Add	1,720.32	
08 91 19 00-0190	EA	84" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	3,732.62	181.69
		Note: Includes bird screen.		
		For Flange Frame, Add	336.92	
		For Clear Lacquer Finish, Add	673.85	
		For Baked Enamel Standard Colors, Add	1,010.77	
		For Anodized Finish, Add	1,347.70	
		For Kynar® Standard Colors Finish, Add	1,853.08	
08 91 19 00-0191	EA	84" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	4,148.85	196.59
		Note: Includes bird screen.		
		For Flange Frame, Add	375.57	
		For Clear Lacquer Finish, Add	751.14	
		For Baked Enamel Standard Colors, Add	1,126.71	
		For Anodized Finish, Add	1,502.28	
		For Kynar® Standard Colors Finish, Add	2,065.63	
08 91 19 00-0192	EA	84" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	4,402.44	205.52
		Note: Includes bird screen.		
		For Flange Frame, Add	399.14	
		For Clear Lacquer Finish, Add	798.28	
		For Baked Enamel Standard Colors, Add	1,197.42	
		For Anodized Finish, Add	1,596.56	
		For Kynar® Standard Colors Finish, Add	2,195.28	
08 91 19 00-0193	EA	84" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	4,680.98	214.46
		Note: Includes bird screen.		
		For Flange Frame, Add	425.21	
		For Clear Lacquer Finish, Add	850.41	
		For Baked Enamel Standard Colors, Add	1,275.62	
		For Anodized Finish, Add	1,700.83	
		For Kynar® Standard Colors Finish, Add	2,338.64	
08 91 19 00-0194	EA	84" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	4,979.61	220.42
		Note: Includes bird screen.		
		For Flange Frame, Add	453.88	
		For Clear Lacquer Finish, Add	907.76	
		For Baked Enamel Standard Colors, Add	1,361.64	
		For Anodized Finish, Add	1,815.52	
		For Kynar® Standard Colors Finish, Add	2,496.33	
08 91 19 00-0195	EA	84" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	5,248.78	226.37
		Note: Includes bird screen.		
		For Flange Frame, Add	479.60	
		For Clear Lacquer Finish, Add	959.21	
		For Baked Enamel Standard Colors, Add	1,438.81	
		For Anodized Finish, Add	1,918.42	
		For Kynar® Standard Colors Finish, Add	2,637.82	
08 91 19 00-0196	EA	84" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	5,649.41	232.32
		Note: Includes bird screen.		
		For Flange Frame, Add	518.48	
		For Clear Lacquer Finish, Add	1,036.95	
		For Baked Enamel Standard Colors, Add	1,555.43	
		For Anodized Finish, Add	2,073.90	
		For Kynar® Standard Colors Finish, Add	2,851.62	
08 91 19 00-0197	EA	90" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,442.10	110.20
		Note: Includes bird screen.		
		For Flange Frame, Add	122.17	
		For Clear Lacquer Finish, Add	244.34	
		For Baked Enamel Standard Colors, Add	366.50	
		For Anodized Finish, Add	488.67	
		For Kynar® Standard Colors Finish, Add	671.92	
08 91 19 00-0198	EA	90" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,754.35	128.07
		Note: Includes bird screen.		
		For Flange Frame, Add	149.82	
		For Clear Lacquer Finish, Add	299.64	
		For Baked Enamel Standard Colors, Add	449.46	
		For Anodized Finish, Add	599.28	
		For Kynar® Standard Colors Finish, Add	824.01	
08 91 19 00-0199	EA	90" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	2,047.34	145.95
		Note: Includes bird screen.		
		For Flange Frame, Add	175.55	
		For Clear Lacquer Finish, Add	351.09	
		For Baked Enamel Standard Colors, Add	526.64	
		For Anodized Finish, Add	702.18	
		For Kynar® Standard Colors Finish, Add	965.50	
08 91 19 00-0200	EA	90" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	2,351.94	154.88
		Note: Includes bird screen.		
		For Flange Frame, Add	204.22	
		For Clear Lacquer Finish, Add	408.43	
		For Baked Enamel Standard Colors, Add	612.65	
		For Anodized Finish, Add	816.87	
		For Kynar® Standard Colors Finish, Add	1,123.19	
08 91 19 00-0201	EA	90" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	2,776.36	160.84
		Note: Includes bird screen.		
		For Flange Frame, Add	245.47	
		For Clear Lacquer Finish, Add	490.94	
		For Baked Enamel Standard Colors, Add	736.40	
		For Anodized Finish, Add	981.87	
		For Kynar® Standard Colors Finish, Add	1,350.07	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0202	EA		90" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	3,052.34	166.80
			Note: Includes bird screen.		
			For Flange Frame, Add	271.87	
			For Clear Lacquer Finish, Add	543.75	
			For Baked Enamel Standard Colors, Add	815.62	
			For Anodized Finish, Add	1,087.50	
			For Kynar® Standard Colors Finish, Add	1,495.31	
08 91 19 00-0203	EA		90" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	3,315.84	172.76
			Note: Includes bird screen.		
			For Flange Frame, Add	297.03	
			For Clear Lacquer Finish, Add	594.07	
			For Baked Enamel Standard Colors, Add	891.10	
			For Anodized Finish, Add	1,188.13	
			For Kynar® Standard Colors Finish, Add	1,633.68	
08 91 19 00-0204	EA		90" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum.....	3,639.41	178.71
			Note: Includes bird screen.		
			For Flange Frame, Add	328.20	
			For Clear Lacquer Finish, Add	656.40	
			For Baked Enamel Standard Colors, Add	984.59	
			For Anodized Finish, Add	1,312.79	
			For Kynar® Standard Colors Finish, Add	1,805.09	
08 91 19 00-0205	EA		90" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum.....	3,912.27	187.65
			Note: Includes bird screen.		
			For Flange Frame, Add	353.70	
			For Clear Lacquer Finish, Add	707.39	
			For Baked Enamel Standard Colors, Add	1,061.09	
			For Anodized Finish, Add	1,414.79	
			For Kynar® Standard Colors Finish, Add	1,945.33	
08 91 19 00-0206	EA		90" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum.....	4,352.29	202.54
			Note: Includes bird screen.		
			For Flange Frame, Add	394.72	
			For Clear Lacquer Finish, Add	789.44	
			For Baked Enamel Standard Colors, Add	1,184.16	
			For Anodized Finish, Add	1,578.88	
			For Kynar® Standard Colors Finish, Add	2,170.97	
08 91 19 00-0207	EA		90" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum.....	4,617.22	211.48
			Note: Includes bird screen.		
			For Flange Frame, Add	419.43	
			For Clear Lacquer Finish, Add	838.85	
			For Baked Enamel Standard Colors, Add	1,258.28	
			For Anodized Finish, Add	1,677.71	
			For Kynar® Standard Colors Finish, Add	2,306.85	
08 91 19 00-0208	EA		90" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum.....	4,920.68	220.42
			Note: Includes bird screen.		
			For Flange Frame, Add	447.99	
			For Clear Lacquer Finish, Add	895.97	
			For Baked Enamel Standard Colors, Add	1,343.96	
			For Anodized Finish, Add	1,791.94	
			For Kynar® Standard Colors Finish, Add	2,463.92	
08 91 19 00-0209	EA		90" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum.....	5,237.45	226.37
			Note: Includes bird screen.		
			For Flange Frame, Add	478.47	
			For Clear Lacquer Finish, Add	956.94	
			For Baked Enamel Standard Colors, Add	1,435.41	
			For Anodized Finish, Add	1,913.88	
			For Kynar® Standard Colors Finish, Add	2,631.59	
08 91 19 00-0210	EA		90" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum.....	5,505.77	235.30
			Note: Includes bird screen.		
			For Flange Frame, Add	503.52	
			For Clear Lacquer Finish, Add	1,007.03	
			For Baked Enamel Standard Colors, Add	1,510.55	
			For Anodized Finish, Add	2,014.06	
			For Kynar® Standard Colors Finish, Add	2,769.34	
08 91 19 00-0211	EA		90" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum.....	5,930.20	241.26
			Note: Includes bird screen.		
			For Flange Frame, Add	544.77	
			For Clear Lacquer Finish, Add	1,089.54	
			For Baked Enamel Standard Colors, Add	1,634.30	
			For Anodized Finish, Add	2,179.07	
			For Kynar® Standard Colors Finish, Add	2,996.22	
08 91 19 00-0212	EA		96" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum.....	1,513.22	119.14
			Note: Includes bird screen.		
			For Flange Frame, Add	127.49	
			For Clear Lacquer Finish, Add	254.99	
			For Baked Enamel Standard Colors, Add	382.48	
			For Anodized Finish, Add	509.98	
			For Kynar® Standard Colors Finish, Add	701.22	
08 91 19 00-0213	EA		96" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum.....	1,836.81	137.01
			Note: Includes bird screen.		
			For Flange Frame, Add	156.28	
			For Clear Lacquer Finish, Add	312.56	
			For Baked Enamel Standard Colors, Add	468.84	
			For Anodized Finish, Add	625.12	
			For Kynar® Standard Colors Finish, Add	859.53	
08 91 19 00-0214	EA		96" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	2,144.55	154.88
			Note: Includes bird screen.		
			For Flange Frame, Add	183.48	
			For Clear Lacquer Finish, Add	366.96	
			For Baked Enamel Standard Colors, Add	550.43	
			For Anodized Finish, Add	733.91	
			For Kynar® Standard Colors Finish, Add	1,009.13	

08 Openings
08 90 Louvers and Vents
08 91 Louvers

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 91 19 00-0215	EA	96" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	2,466.14	163.82
		Note: Includes bird screen.		
		For Flange Frame, Add	213.85	
		For Clear Lacquer Finish, Add	427.70	
		For Baked Enamel Standard Colors, Add	641.55	
		For Anodized Finish, Add	855.40	
		For Kynar® Standard Colors Finish, Add	1,176.18	
08 91 19 00-0216	EA	96" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	2,904.16	169.78
		Note: Includes bird screen.		
		For Flange Frame, Add	256.46	
		For Clear Lacquer Finish, Add	512.92	
		For Baked Enamel Standard Colors, Add	769.38	
		For Anodized Finish, Add	1,025.84	
		For Kynar® Standard Colors Finish, Add	1,410.54	
08 91 19 00-0217	EA	96" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	3,226.60	175.73
		Note: Includes bird screen.		
		For Flange Frame, Add	287.51	
		For Clear Lacquer Finish, Add	575.03	
		For Baked Enamel Standard Colors, Add	862.54	
		For Anodized Finish, Add	1,150.05	
		For Kynar® Standard Colors Finish, Add	1,581.32	
08 91 19 00-0218	EA	96" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	3,507.10	181.69
		Note: Includes bird screen.		
		For Flange Frame, Add	314.37	
		For Clear Lacquer Finish, Add	628.74	
		For Baked Enamel Standard Colors, Add	943.12	
		For Anodized Finish, Add	1,257.49	
		For Kynar® Standard Colors Finish, Add	1,729.05	
08 91 19 00-0219	EA	96" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	3,814.80	187.65
		Note: Includes bird screen.		
		For Flange Frame, Add	343.95	
		For Clear Lacquer Finish, Add	687.90	
		For Baked Enamel Standard Colors, Add	1,031.85	
		For Anodized Finish, Add	1,375.80	
		For Kynar® Standard Colors Finish, Add	1,891.73	
08 91 19 00-0220	EA	96" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	4,099.83	193.61
		Note: Includes bird screen.		
		For Flange Frame, Add	371.26	
		For Clear Lacquer Finish, Add	742.53	
		For Baked Enamel Standard Colors, Add	1,113.79	
		For Anodized Finish, Add	1,485.05	
		For Kynar® Standard Colors Finish, Add	2,041.95	
08 91 19 00-0221	EA	96" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	4,572.73	208.50
		Note: Includes bird screen.		
		For Flange Frame, Add	415.57	
		For Clear Lacquer Finish, Add	831.15	
		For Baked Enamel Standard Colors, Add	1,246.72	
		For Anodized Finish, Add	1,662.30	
		For Kynar® Standard Colors Finish, Add	2,285.66	
08 91 19 00-0222	EA	96" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	3,627.31	217.44
		Note: Includes bird screen.		
		For Flange Frame, Add	319.25	
		For Clear Lacquer Finish, Add	638.49	
		For Baked Enamel Standard Colors, Add	957.74	
		For Anodized Finish, Add	1,276.98	
		For Kynar® Standard Colors Finish, Add	1,755.85	
08 91 19 00-0223	EA	96" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	5,156.99	226.37
		Note: Includes bird screen.		
		For Flange Frame, Add	470.43	
		For Clear Lacquer Finish, Add	940.85	
		For Baked Enamel Standard Colors, Add	1,411.28	
		For Anodized Finish, Add	1,881.70	
		For Kynar® Standard Colors Finish, Add	2,587.34	
08 91 19 00-0224	EA	96" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	5,485.08	232.32
		Note: Includes bird screen.		
		For Flange Frame, Add	502.04	
		For Clear Lacquer Finish, Add	1,004.09	
		For Baked Enamel Standard Colors, Add	1,506.13	
		For Anodized Finish, Add	2,008.17	
		For Kynar® Standard Colors Finish, Add	2,761.24	
08 91 19 00-0225	EA	96" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	5,767.00	241.26
		Note: Includes bird screen.		
		For Flange Frame, Add	528.45	
		For Clear Lacquer Finish, Add	1,056.90	
		For Baked Enamel Standard Colors, Add	1,585.34	
		For Anodized Finish, Add	2,113.79	
		For Kynar® Standard Colors Finish, Add	2,906.46	
08 91 19 00-0226	EA	96" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	6,223.45	250.19
		Note: Includes bird screen.		
		For Flange Frame, Add	572.31	
		For Clear Lacquer Finish, Add	1,144.61	
		For Baked Enamel Standard Colors, Add	1,716.92	
		For Anodized Finish, Add	2,289.22	
		For Kynar® Standard Colors Finish, Add	3,147.68	

08 91 19 00-0227		Gable Louver Vents <small>(08 91 19)</small>		
		Note: 1" deep, residential/light commercial grade louvers.		
08 91 19 00-0228		Aluminum Gable Louver Vents <small>(08 91 19 00-0227)</small>		
		Note: Includes screen.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 91 19 00-0229 Rectangular Aluminum Gable Louver Vents (08 91 19 00-0228)

Note: Includes screen.

08 91 19 00-0230	EA		12" x 18" Rectangular Fixed Aluminum Gable Louver Vent.....	261.21	11.06
08 91 19 00-0231	EA		12" x 24" Rectangular Fixed Aluminum Gable Louver Vent.....	285.65	12.70
08 91 19 00-0232	EA		18" x 24" Rectangular Fixed Aluminum Gable Louver Vent.....	329.62	14.34
08 91 19 00-0233	EA		18" x 30" Rectangular Fixed Aluminum Gable Louver Vent.....	361.59	15.24
08 91 19 00-0234	EA		24" x 30" Rectangular Fixed Aluminum Gable Louver Vent.....	413.07	16.14
08 91 19 00-0235	EA		24" x 36" Rectangular Fixed Aluminum Gable Louver Vent.....	461.80	19.37
08 91 19 00-0236	EA		30" x 36" Rectangular Fixed Aluminum Gable Louver Vent.....	534.89	24.20
08 91 19 00-0237	EA		30" x 42" Rectangular Fixed Aluminum Gable Louver Vent.....	595.81	28.25
08 91 19 00-0238	EA		36" x 42" Rectangular Fixed Aluminum Gable Louver Vent.....	681.07	33.89
08 91 19 00-0239	EA		42" x 48" Rectangular Fixed Aluminum Gable Louver Vent.....	851.61	45.19

08 91 19 00-0240 Square Aluminum Gable Louver Vents (08 91 19 00-0228)

Note: Includes screen.

08 91 19 00-0241	EA		12" x 12" Square Fixed Aluminum Gable Louver Vent	239.07	10.19
08 91 19 00-0242	EA		18" x 18" Square Fixed Aluminum Gable Louver Vent	296.02	12.91
08 91 19 00-0243	EA		24" x 24" Square Fixed Aluminum Gable Louver Vent	371.34	15.23
08 91 19 00-0244	EA		30" x 30" Square Fixed Aluminum Gable Louver Vent	473.98	20.17
08 91 19 00-0245	EA		36" x 36" Square Fixed Aluminum Gable Louver Vent	607.97	29.06
08 91 19 00-0246	EA		42" x 42" Square Fixed Aluminum Gable Louver Vent	766.25	39.52
08 91 19 00-0247	EA		48" x 48" Square Fixed Aluminum Gable Louver Vent	949.07	51.64

08 91 19 00-0248 Round Aluminum Gable Louver Vents (08 91 19 00-0228)

Note: Includes screen.

08 91 19 00-0249	EA		12" Diameter Round Fixed Aluminum Gable Louver Vent.....	239.07	10.19
08 91 19 00-0250	EA		18" Diameter Round Fixed Aluminum Gable Louver Vent.....	296.02	12.91
08 91 19 00-0251	EA		24" Diameter Round Fixed Aluminum Gable Louver Vent.....	371.34	15.23
08 91 19 00-0252	EA		30" Diameter Round Fixed Aluminum Gable Louver Vent.....	473.98	20.17
08 91 19 00-0253	EA		36" Diameter Round Fixed Aluminum Gable Louver Vent.....	607.97	29.06
08 91 19 00-0254	EA		42" Diameter Round Fixed Aluminum Gable Louver Vent.....	766.35	39.54

08 91 19 00-0255 Octagonal Aluminum Gable Louver Vents (08 91 19 00-0228)

Note: Includes screen.

08 91 19 00-0256	EA		12" x 12" Octagonal Fixed Aluminum Gable Louver Vent.....	239.07	10.19
08 91 19 00-0257	EA		12" x 18" Octagonal Fixed Aluminum Gable Louver Vent.....	261.21	11.06
08 91 19 00-0258	EA		12" x 24" Octagonal Fixed Aluminum Gable Louver Vent.....	285.65	12.70
08 91 19 00-0259	EA		18" x 18" Octagonal Fixed Aluminum Gable Louver Vent.....	296.02	12.91
08 91 19 00-0260	EA		18" x 24" Octagonal Fixed Aluminum Gable Louver Vent.....	329.62	14.34
08 91 19 00-0261	EA		18" x 30" Octagonal Fixed Aluminum Gable Louver Vent.....	361.59	15.24
08 91 19 00-0262	EA		24" x 24" Octagonal Fixed Aluminum Gable Louver Vent.....	371.34	15.23
08 91 19 00-0263	EA		24" x 30" Octagonal Fixed Aluminum Gable Louver Vent.....	413.07	16.14
08 91 19 00-0264	EA		24" x 36" Octagonal Fixed Aluminum Gable Louver Vent.....	461.80	19.37
08 91 19 00-0265	EA		30" x 30" Octagonal Fixed Aluminum Gable Louver Vent.....	473.98	20.17
08 91 19 00-0266	EA		30" x 36" Octagonal Fixed Aluminum Gable Louver Vent.....	534.89	24.20
08 91 19 00-0267	EA		30" x 42" Octagonal Fixed Aluminum Gable Louver Vent.....	595.81	28.25
08 91 19 00-0268	EA		36" x 36" Octagonal Fixed Aluminum Gable Louver Vent.....	607.97	29.06
08 91 19 00-0269	EA		36" x 42" Octagonal Fixed Aluminum Gable Louver Vent.....	681.07	33.89
08 91 19 00-0270	EA		36" x 48" Octagonal Fixed Aluminum Gable Louver Vent.....	754.16	38.73
08 91 19 00-0271	EA		42" x 42" Octagonal Fixed Aluminum Gable Louver Vent.....	766.35	39.54
08 91 19 00-0272	EA		42" x 48" Octagonal Fixed Aluminum Gable Louver Vent.....	851.61	45.19
08 91 19 00-0273	EA		48" x 48" Octagonal Fixed Aluminum Gable Louver Vent.....	949.07	51.64

08 91 19 00-0274 Round Top Aluminum Gable Louver Vents (08 91 19 00-0228)

Note: Includes screen.

08 91 19 00-0275	EA		12" x 12" Round Top Fixed Aluminum Gable Louver Vent	239.07	10.19
08 91 19 00-0276	EA		12" x 18" Round Top Fixed Aluminum Gable Louver Vent	261.21	11.06
08 91 19 00-0277	EA		12" x 24" Round Top Fixed Aluminum Gable Louver Vent	285.65	12.70
08 91 19 00-0278	EA		18" x 18" Round Top Fixed Aluminum Gable Louver Vent	296.02	12.91
08 91 19 00-0279	EA		18" x 24" Round Top Fixed Aluminum Gable Louver Vent	329.62	14.34
08 91 19 00-0280	EA		18" x 30" Round Top Fixed Aluminum Gable Louver Vent	361.59	15.24
08 91 19 00-0281	EA		24" x 24" Round Top Fixed Aluminum Gable Louver Vent	371.34	15.23
08 91 19 00-0282	EA		24" x 30" Round Top Fixed Aluminum Gable Louver Vent	413.07	16.14
08 91 19 00-0283	EA		24" x 36" Round Top Fixed Aluminum Gable Louver Vent	461.80	19.37
08 91 19 00-0284	EA		30" x 30" Round Top Fixed Aluminum Gable Louver Vent	473.98	20.17
08 91 19 00-0285	EA		30" x 36" Round Top Fixed Aluminum Gable Louver Vent	534.89	24.20
08 91 19 00-0286	EA		30" x 42" Round Top Fixed Aluminum Gable Louver Vent	595.81	28.25
08 91 19 00-0287	EA		36" x 36" Round Top Fixed Aluminum Gable Louver Vent	607.97	29.06
08 91 19 00-0288	EA		36" x 42" Round Top Fixed Aluminum Gable Louver Vent	681.07	33.89
08 91 19 00-0289	EA		36" x 48" Round Top Fixed Aluminum Gable Louver Vent	754.16	38.73
08 91 19 00-0290	EA		42" x 42" Round Top Fixed Aluminum Gable Louver Vent	766.35	39.54
08 91 19 00-0291	EA		42" x 48" Round Top Fixed Aluminum Gable Louver Vent	851.61	45.19
08 91 19 00-0292	EA		48" x 48" Round Top Fixed Aluminum Gable Louver Vent	949.07	51.64

08 91 19 00-0293 Triangle Aluminum Gable Louver Vents (08 91 19 00-0228)

Note: Includes screen.

08 91 19 00-0294	EA		36" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent.....	500.34	12.70
08 91 19 00-0295	EA		36" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent.....	566.51	15.23
08 91 19 00-0296	EA		48" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent.....	608.25	16.14
08 91 19 00-0297	EA		48" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent.....	696.01	19.37

08 Openings**08 90 Louvers and Vents****08 91 Louvers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 91 19 00-0298	EA	48" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent.....	776.50	20.17
08 91 19 00-0299	EA	60" Base x 24" High Triangle Fixed Aluminum Gable Louver Vent.....	632.48	24.20
08 91 19 00-0300	EA	60" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent.....	742.19	28.25
08 91 19 00-0301	EA	60" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent.....	842.19	29.06
08 91 19 00-0302	EA	60" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent.....	954.32	33.89
08 91 19 00-0303	EA	72" Base x 24" High Triangle Fixed Aluminum Gable Louver Vent.....	754.16	38.73
08 91 19 00-0304	EA	72" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent.....	873.70	39.54
08 91 19 00-0305	EA	72" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent.....	1,007.75	45.19
08 91 19 00-0306	EA	72" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent.....	1,144.25	51.64
08 91 19 00-0307	EA	72" Base x 48" High Triangle Fixed Aluminum Gable Louver Vent.....	1,284.48	59.35

08 91 19 00-0308 Vinyl Gable Louver Vents (08 91 19 00-0227)

Note: Includes screen.

08 91 19 00-0309	EA	12" x 12" Square Fixed Vinyl Gable Louver Vent.....	75.65	10.19
08 91 19 00-0310	EA	12" x 18" Rectangular Fixed Vinyl Gable Louver Vent.....	91.83	11.06
08 91 19 00-0311	EA	18" x 24" Rectangular Fixed Vinyl Gable Louver Vent.....	125.54	14.34
08 91 19 00-0312	EA	24" x 30" Rectangular Fixed Vinyl Gable Louver Vent.....	173.08	16.14
08 91 19 00-0313	EA	18" Diameter Round Fixed Vinyl Gable Louver Vent.....	121.86	12.91
08 91 19 00-0314	EA	22" Diameter Round Fixed Vinyl Gable Louver Vent.....	140.72	15.23
08 91 19 00-0315	EA	30" Diameter Round Fixed Vinyl Gable Louver Vent.....	198.83	20.17
08 91 19 00-0316	EA	36" Diameter Round Fixed Vinyl Gable Louver Vent.....	290.72	29.06
08 91 19 00-0317	EA	18" x 18" Octagonal Fixed Vinyl Gable Louver Vent.....	121.86	12.91
08 91 19 00-0318	EA	22" x 22" Octagonal Fixed Vinyl Gable Louver Vent.....	138.04	14.34
08 91 19 00-0319	EA	27" x 27" Octagonal Fixed Vinyl Gable Louver Vent.....	178.84	16.14
08 91 19 00-0320	EA	32" x 32" Octagonal Fixed Vinyl Gable Louver Vent.....	253.56	24.20
08 91 19 00-0321	EA	40" x 40" Octagonal Fixed Vinyl Gable Louver Vent.....	608.59	38.73
08 91 19 00-0322	EA	14" x 22" Round Top Fixed Vinyl Gable Louver Vent.....	119.41	12.70
08 91 19 00-0323	EA	22" x 32" Round Top Fixed Vinyl Gable Louver Vent.....	166.91	16.14
08 91 19 00-0324	EA	34" x 22" Half Round Fixed Vinyl Gable Louver Vent.....	172.10	19.37
08 91 19 00-0325	EA	52" Base x 26" High Triangle Fixed Vinyl Gable Louver Vent.....	401.36	24.20
08 91 19 00-0326	EA	56" Base x 23" High Triangle Fixed Vinyl Gable Louver Vent.....	401.36	24.20
08 91 19 00-0327	EA	56" Base x 26" High Triangle Fixed Vinyl Gable Louver Vent.....	401.36	24.20
08 91 19 00-0328	EA	62" Base x 23" High Triangle Fixed Vinyl Gable Louver Vent.....	401.36	24.20
08 91 19 00-0329	EA	62-1/2" Base x 21" High Triangle Fixed Vinyl Gable Louver Vent.....	401.36	24.20
08 91 19 00-0330	EA	70-1/2" Base x 17" High Triangle Fixed Vinyl Gable Louver Vent.....	444.97	38.73
08 91 19 00-0331	EA	70-1/2" Base x 20-1/2" High Triangle Fixed Vinyl Gable Louver Vent.....	444.97	38.73
08 91 19 00-0332	EA	72-1/2" Base x 18" High Triangle Fixed Vinyl Gable Louver Vent.....	444.97	38.73
08 91 19 00-0333	EA	74" Base x 14-1/2" High Triangle Fixed Vinyl Gable Louver Vent.....	444.97	38.73

08 95 Vents (08 90)**08 95 13 Soffit Vents (08 95)****08 95 13 00-0001 Aluminum Soffit Vents (08 95 13)**

08 95 13 00-0002	LF	2-1/2" Wide Aluminum Soffit Vent.....	7.83	2.74
08 95 13 00-0003	LF	3" Wide Aluminum Soffit Vent.....	13.88	5.37
08 95 13 00-0004	EA	4" x 16" Under Eave Vent, Mill Finish.....	23.21	7.15
08 95 13 00-0005	EA	8" x 16" Under Eave Vent, Mill Finish.....	24.15	7.15

08 95 13 00-0006 Vinyl Soffit Vents (08 95 13)

08 95 13 00-0007	LF	Up To 2" Vinyl Soffit Vent, Perforated, White.....	6.96	2.92
		<i>For Colors, Add</i>	0.11	
08 95 13 00-0008	LF	3" To 4" Vinyl Soffit Vent, Perforated, White.....	6.85	2.92
		<i>For Colors, Add</i>	0.10	

08 95 16 Wall Vents (08 95)**08 95 16 00-0001 Foundation Vents (08 95 16)**

08 95 16 00-0002	SI	Galvanized Steel Foundation Vent.....	0.52	0.21
08 95 16 00-0003	SI	Aluminum Foundation Vent.....	0.98	0.21
08 95 16 00-0004	SI	Stainless Steel Foundation Vent.....	0.94	0.21
08 95 16 00-0005	SI	Plastic Foundation Vent.....	0.59	0.21

END OF SECTION 08

		Finishes	09
		Maintenance of Finishes	09 01
		Maintenance of Plaster and Gypsum Board	09 01 20
MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT	DEMOLITION
		UNIT COST	UNIT COST

09 Finishes

09 01 Maintenance of Finishes (09)

09 01 20 Maintenance of Plaster and Gypsum Board (09 01)

09 01 20 91 Plaster Restoration (09 01 20)

09 01 20 91-0001		Cut And Patch Hole In Gypsum Board To Match Existing <small>(09 01 20 91)</small>	
		Note: Includes cutting of existing gypsum board, cutting new board to fit opening, taping, gypsum board finishing, and disposal of debris into dumpster. Per location. See CSI section 09 29 00 00-0000 for "Gypsum Board" repairs > 16 SF.	
09 01 20 91-0002	SF	Up To 2 SF, Cut And Patch Hole In Gypsum Board To Match Existing.....	20.89
		Note: Per location.	
09 01 20 91-0003	SF	>2 To 4 SF, Cut And Patch Hole In Gypsum Board To Match Existing	16.84
		Note: Per location.	
09 01 20 91-0004	SF	>4 To 8 SF, Cut And Patch Hole In Gypsum Board To Match Existing	15.11
		Note: Per location.	
09 01 20 91-0005	SF	>8 To 16 SF, Cut And Patch Hole In Gypsum Board To Match Existing	13.30
		Note: Per location.	
09 01 20 91-0006		Patch/Finish Gypsum Board To Match Existing <small>(09 01 20 91)</small>	
		Note: Includes taping, gypsum board finishing. Per location. See CSI section 09 01 20 91-0001 for patching walls requiring gypsum board to be cut and installed.	
09 01 20 91-0007	EA	Tape, Spackle And Finish Gypsum Board To Patch/Finish Small Diameter Holes Or Screw Head Pops	2.02
		For ASTM C840 Level 1 Finish, Deduct	-0.98
		For ASTM C840 Level 2 Finish, Deduct	-0.49
		For ASTM C840 Level 3 Finish, Deduct	-0.20
		For ASTM C840 Level 5 High Quality Finish, Add	1.50
09 01 20 91-0008		Plaster/Stucco Repair <small>(09 01 20 91)</small>	
		Note: Per location.	
09 01 20 91-0009		Clean And Repair Crack In Plaster/Stucco <small>(09 01 20 91-0008)</small>	
		Note: Includes plaster weld.	
09 01 20 91-0010	LF	Up To 10', Chip, Clean And Repair Crack In Plaster/Stucco	20.50
09 01 20 91-0011	LF	>10' To 50', Chip, Clean And Repair Crack In Plaster/Stucco	16.45
09 01 20 91-0012	LF	>50' To 100', Chip, Clean And Repair Crack In Plaster/Stucco	13.41
09 01 20 91-0013	LF	>100' To 250', Chip, Clean And Repair Crack In Plaster/Stucco	10.38
09 01 20 91-0014	LF	>250' To 500', Chip, Clean And Repair Crack In Plaster/Stucco	8.36
09 01 20 91-0015	LF	>500', Chip, Clean And Repair Crack In Plaster/Stucco	6.34
09 01 20 91-0016		Cut And Patch Hole In Plaster/Stucco To Match Existing <small>(09 01 20 91-0008)</small>	
		Note: Includes plaster weld.	
09 01 20 91-0017	SF	Up To 10 SF, Cut And Patch Hole In Plaster To Match Existing	19.58
09 01 20 91-0018	SF	>10 To 50 SF, Cut And Patch Hole In Plaster To Match Existing	17.34
09 01 20 91-0019	SF	>50 To 100 SF, Cut And Patch Hole In Plaster To Match Existing	15.98
09 01 20 91-0020	SF	>100 To 250 SF, Cut And Patch Hole In Plaster To Match Existing	14.85
09 01 20 91-0021	SF	>250 To 500 SF, Cut And Patch Hole In Plaster To Match Existing	13.86
09 01 20 91-0022	SF	>500 SF, Cut And Patch Hole In Plaster To Match Existing	12.76
09 01 20 91-0023		Chip, Clean And Repair Plaster/Stucco <small>(09 01 20 91-0008)</small>	
		Note: Includes plaster weld.	
09 01 20 91-0024	SF	Up To 10 SF, Chip, Clean And Repair Plaster/Stucco.....	36.94
09 01 20 91-0025	SF	>10 To 50 SF, Chip, Clean And Repair Plaster/Stucco	26.81
09 01 20 91-0026	SF	>50 To 250 SF, Chip, Clean And Repair Plaster/Stucco	19.74
09 01 20 91-0027	SF	>250 SF, Chip, Clean And Repair Plaster/Stucco	15.69

09 01 30 Maintenance of Tiling (09 01)

09 01 30 91 Tile Restoration (09 01 30)

09 01 30 91-0001	SF	RegROUT Floor Tile Including Removal Of Loose Grout	8.17
09 01 30 91-0002	SF	RegROUT Wall Tile Including Removal Of Loose Grout	10.20
09 01 30 91-0003	SF	Up To 1 SF, Cut And Patch Hole In Wall Tile To Match Existing.....	52.44
		Note: Per location.	

09 01 60 Maintenance of Flooring (09 01)

09 01 60 91 Flooring Restoration (09 01 60)

09 01 60 91-0001		Grinding, Polishing And Sealing Terrazzo <small>(09 01 60 91)</small>	
09 01 60 91-0002	CSF	Grinding, Polishing And Sealing Existing Terrazzo.....	334.09
09 01 60 91-0003	SF	Removal Of Setting Bed And Clean Area For Terrazzo Repair	5.06
09 01 60 91-0004	SF	Repair Existing Terrazzo	23.65
09 01 60 91-0005	LF	Repair Cracks In Existing Terrazzo	5.26
09 01 60 91-0006		Standard Flooring Maintenance <small>(09 01 60 91)</small>	

09 Finishes

09 01 Maintenance of Finishes

09 01 60 Maintenance of Flooring

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 01 60 91-0007	CSF	Steam Clean Carpet	42.63
09 01 60 91-0008	CSF	Wax And Polish Tile And VCT Flooring	47.38
		<i>For Additional Coat, Add</i>	39.81
		<i>For Stripping Existing Wax From Floor, Add</i>	45.13
09 01 60 91-0009	CSF	Wax And Polish Wood Flooring	29.59
		<i>For Additional Coat, Add</i>	26.22
		<i>For Stripping Existing Wax From Floor, Add</i>	45.13
09 01 60 91-0010	MSF	Vacuum Floors.....	23.46

09 01 60 91-0011 Prepare Existing Concrete Floor Prior To Installation Of Flooring (09 01 60 91)

09 01 60 91-0012	SY	Grinding Of Existing Concrete Floor Prior To Installation Of Flooring	8.89
		Note: Up to 1/8" of material per pass	
09 01 60 91-0013	LF	Up To 6" Wide, Hand Detail Work/Grinding At Wall Of Existing Concrete Floor Prior To Installation Of Flooring.....	17.25
		Note: Up to 1/4" of material per pass	
09 01 60 91-0014	SY	Chemical Prepare Existing Concrete Floor Prior To Installation Of Flooring.....	7.59

09 01 60 91-0015 Floor Sealants (09 01 60 91)

09 01 60 91-0016	SF	Water-Based Emulsion, Masonry/Tile/Stone/Terrazzo Floor Sealant/Finish, Per Coat	1.38
		Note: For terrazzo, concrete, quarry tile, brick and unglazed ceramic tile.	
09 01 60 91-0017	SF	Water-Based, Clear Acrylic, Concrete Floor Sealant/Finish, Per Coat	1.55
		Note: For interior/exterior concrete surfaces.	
09 01 60 91-0018	SF	Fluorochemical Acrylate Copolymer Masonry/Tile/Stone/Terrazzo Floor Sealant	1.53
09 01 60 91-0019	GAL	Masonry/Tile/Stone/Terrazzo Floor Sealant (Extra To Be Provided To Owner).....	46.61

09 01 60 91-0020 Double Stick Tape (09 01 60 91)

09 01 60 91-0021	SF	Double Stick Tape; DryFix Tape	4.48
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09 01 80 Maintenance of Acoustic Treatment (09 01)

09 01 80 00-0001 Removal Of Acoustical Ceiling Treatment (09 01 80)

09 01 80 00-0002	SF	Removal Of Acoustical And Popcorn Ceilings Treatment.....	2.56
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09 01 90 Maintenance of Painting and Coating (09 01)

09 01 90 52 Maintenance Repainting (09 01 90)

09 01 90 52-0001 Cleaning And Preparation Of Painted And Unpainted Surfaces (09 01 90 52)

Note: In excess of surface preparation required. Water blast and pressure washing includes mild detergent and rinsing of surface until detergent free. Media blast and water blast includes canvas/plastic for protection of existing surfaces as well as for containment.

09 01 90 52-0002 Concrete And Masonry Surfaces, Surface Preparation (09 01 90 52-0001)

09 01 90 52-0003	SF	Trisodium Phosphate (TSP), Clean Concrete Or Masonry Surfaces, Surface Preparation	0.54
		<i>For Up To 100, Add</i>	0.39
		<i>For >100 To 250, Add</i>	0.18
		<i>For >250 To 500, Add</i>	0.08
		<i>For >5,000 To 10,000, Deduct</i>	-0.03
		<i>For >10,000 To 15,000, Deduct</i>	-0.05
		<i>For >15,000 To 30,000, Deduct</i>	-0.08
		<i>For >30,000, Deduct</i>	-0.11
09 01 90 52-0004	SF	Calcimine Removal/Washing, Concrete And Masonry Surfaces, Surface Preparation.....	0.56
		<i>For Up To 100, Add</i>	0.97
		<i>For >100 To 250, Add</i>	0.26
		<i>For >250 To 500, Add</i>	0.13
		<i>For >5,000 To 10,000, Deduct</i>	-0.03
		<i>For >10,000 To 15,000, Deduct</i>	-0.05
		<i>For >15,000 To 30,000, Deduct</i>	-0.08
		<i>For >30,000, Deduct</i>	-0.11
09 01 90 52-0005	SF	Chemical Clean, Brush And Wash, Concrete And Masonry Surfaces, Surface Preparation	0.87
		<i>For Up To 100, Add</i>	1.49
		<i>For >100 To 250, Add</i>	0.39
		<i>For >250 To 500, Add</i>	0.19
		<i>For >5,000 To 10,000, Deduct</i>	-0.04
		<i>For >10,000 To 15,000, Deduct</i>	-0.08
		<i>For >15,000 To 30,000, Deduct</i>	-0.13
		<i>For >30,000, Deduct</i>	-0.17
09 01 90 52-0006	SF	Hand Scrape, Concrete And Masonry Surfaces, Surface Preparation	0.72
		<i>For Up To 100, Add</i>	1.44
		<i>For >100 To 250, Add</i>	0.36
		<i>For >250 To 500, Add</i>	0.18
		<i>For >5,000 To 10,000, Deduct</i>	-0.04
		<i>For >10,000 To 15,000, Deduct</i>	-0.07
		<i>For >15,000 To 30,000, Deduct</i>	-0.11
		<i>For >30,000, Deduct</i>	-0.14
09 01 90 52-0007	SF	Steam Clean, Concrete And Masonry Surfaces, Surface Preparation.....	0.78
		<i>For Up To 100, Add</i>	1.34
		<i>For >100 To 250, Add</i>	0.35
		<i>For >250 To 500, Add</i>	0.17
		<i>For >5,000 To 10,000, Deduct</i>	-0.04
		<i>For >10,000 To 15,000, Deduct</i>	-0.07
		<i>For >15,000 To 30,000, Deduct</i>	-0.11
		<i>For >30,000, Deduct</i>	-0.15

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST
09 01 90 52-0008	SF			Up To 5,000 PSI Pressure Wash, Concrete And Masonry Surfaces, Surface Preparation	0.51	
				For Up To 100, Add	0.83	
				For >100 To 250, Add	0.22	
				For >250 To 500, Add	0.11	
				For >5,000 To 10,000, Deduct	-0.02	
				For >10,000 To 15,000, Deduct	-0.05	
				For >15,000 To 30,000, Deduct	-0.07	
				For >30,000, Deduct	-0.10	
09 01 90 52-0009	SF			10,000 To 12,000 PSI Water Blast, Concrete And Masonry Surfaces, Surface Preparation	1.41	
				For Up To 100, Add	2.52	
				For >100 To 250, Add	0.66	
				For >250 To 500, Add	0.32	
				For >5,000 To 10,000, Deduct	-0.07	
				For >10,000 To 15,000, Deduct	-0.13	
				For >15,000 To 30,000, Deduct	-0.21	
				For >30,000, Deduct	-0.27	
09 01 90 52-0010	SF			30,000 To 40,000 PSI Water Blast, Concrete And Masonry Surfaces, Surface Preparation	2.31	
				For Up To 100, Add	4.32	
				For >100 To 250, Add	1.11	
				For >250 To 500, Add	0.55	
				For >5,000 To 10,000, Deduct	-0.11	
				For >10,000 To 15,000, Deduct	-0.22	
				For >15,000 To 30,000, Deduct	-0.34	
				For >30,000, Deduct	-0.45	
09 01 90 52-0011	SF			Abrasive Glass Media Blasting, Concrete And Masonry Surfaces, Surface Preparation	3.59	
				Note: 3 lbs of sand or glass abrasive media material per SF		
				For 4.5 lbs Of Abrasive Media Material per SF, Where Multiple Pass Is Required, Add	2.08	
				For 6 lbs Of Abrasive Media Material per SF, Where Multiple Pass Is Required, Add	4.31	
				For 9 lbs Of Abrasive Media Material per SF, Where Multiple Pass Is Required, Add	7.18	
				For Up To 100, Add	6.09	
				For >100 To 250, Add	1.61	
				For >250 To 500, Add	0.79	
				For >5,000 To 10,000, Deduct	-0.16	
				For >10,000 To 15,000, Deduct	-0.33	
				For >15,000 To 30,000, Deduct	-0.52	
				For >30,000, Deduct	-0.68	
09 01 90 52-0012				Drywall Surfaces, Surface Preparation (09 01 90 52-0001)		
				See CSI section 09 01 20 91-0006 for Patch holes other than nail/screw holes and greater than 1/2" diameter.		
09 01 90 52-0013	SF			Hand Wash Drywall Surfaces With Mild Detergent Or Degreaser (No Sanding, Repairing Or Scraping), Surface Preparation	0.42	
				For Up To 100, Add	0.84	
				For >100 To 250, Add	0.21	
				For >250 To 500, Add	0.11	
09 01 90 52-0014	SF			Hand Wash, Minor Repair And Light Sanding Drywall Surfaces, Surface Preparation	0.71	
				For Up To 100, Add	1.42	
				For >100 To 250, Add	0.36	
				For >250 To 500, Add	0.18	
09 01 90 52-0015	SF			Hand Scrape, Repair And Sand Severely Damaged Drywall Surfaces, Surface Preparation	1.31	
				For Up To 100, Add	2.52	
				For >100 To 250, Add	0.64	
				For >250 To 500, Add	0.32	
09 01 90 52-0016				Metal Surfaces, Surface Preparation (09 01 90 52-0001)		
09 01 90 52-0017	SF			Trisodium Phosphate (TSP), Clean Metal Surfaces, Surface Preparation	0.52	
				For Up To 100, Add	0.38	
				For >100 To 250, Add	0.18	
				For >250 To 500, Add	0.08	
				For >5,000 To 10,000, Deduct	-0.03	
				For >10,000 To 15,000, Deduct	-0.05	
				For >15,000 To 30,000, Deduct	-0.08	
				For >30,000, Deduct	-0.10	
09 01 90 52-0018	SF			Chemical Clean, Brush And Wash, Metal Surfaces, Surface Preparation	0.87	
				For Up To 100, Add	0.53	
				For >100 To 250, Add	0.25	
				For >250 To 500, Add	0.11	
				For >5,000 To 10,000, Deduct	-0.04	
				For >10,000 To 15,000, Deduct	-0.08	
				For >15,000 To 30,000, Deduct	-0.13	
				For >30,000, Deduct	-0.17	
09 01 90 52-0019	SF			Hand Scraping And Sanding, Metal Surfaces, Surface Preparation	0.72	
				For Up To 100, Add	0.54	
				For >100 To 250, Add	0.25	
				For >250 To 500, Add	0.11	
				For >5,000 To 10,000, Deduct	-0.04	
				For >10,000 To 15,000, Deduct	-0.07	
				For >15,000 To 30,000, Deduct	-0.11	
				For >30,000, Deduct	-0.14	
09 01 90 52-0020	SF			Up To 5,000 PSI Pressure Wash, Metal Surfaces, Surface Preparation	0.48	
				For Up To 100, Add	0.29	
				For >100 To 250, Add	0.13	
				For >250 To 500, Add	0.06	
				For >5,000 To 10,000, Deduct	-0.02	
				For >10,000 To 15,000, Deduct	-0.04	
				For >15,000 To 30,000, Deduct	-0.07	
				For >30,000, Deduct	-0.09	

09 Finishes

09 01 Maintenance of Finishes

09 01 90 Maintenance of Painting and Coating

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 01 90 52-0021	SF	Power Tool Cleaning, Metal Surfaces, Surface Preparation.....	1.34
		<i>For Up To 100, Add</i>	1.01
		<i>For >100 To 250, Add</i>	0.47
		<i>For >250 To 500, Add</i>	0.20
		<i>For >5,000 To 10,000, Deduct</i>	-0.07
		<i>For >10,000 To 15,000, Deduct</i>	-0.13
		<i>For >15,000 To 30,000, Deduct</i>	-0.20
		<i>For >30,000, Deduct</i>	-0.27
09 01 90 52-0022	SF	Steam Cleaning, Metal Surfaces, Surface Preparation.....	0.50
		<i>For Up To 100, Add</i>	0.26
		<i>For >100 To 250, Add</i>	0.12
		<i>For >250 To 500, Add</i>	0.05
		<i>For >5,000 To 10,000, Deduct</i>	-0.02
		<i>For >10,000 To 15,000, Deduct</i>	-0.04
		<i>For >15,000 To 30,000, Deduct</i>	-0.07
		<i>For >30,000, Deduct</i>	-0.09
09 01 90 52-0023	SF	Loose Mill Scale With Fine Powder, Commercial Blast, Metal Surfaces, Surface Preparation.....	1.07
		<i>For Up To 100, Add</i>	0.65
		<i>For >100 To 250, Add</i>	0.30
		<i>For >250 To 500, Add</i>	0.13
		<i>For >5,000 To 10,000, Deduct</i>	-0.05
		<i>For >10,000 To 15,000, Deduct</i>	-0.10
		<i>For >15,000 To 30,000, Deduct</i>	-0.15
		<i>For >30,000, Deduct</i>	-0.20
09 01 90 52-0024	SF	Tight Mill Scale With Fine Powder Rust, Commercial Blast, Metal Surfaces, Surface Preparation.....	1.46
		<i>For Up To 100, Add</i>	0.87
		<i>For >100 To 250, Add</i>	0.41
		<i>For >250 To 500, Add</i>	0.17
		<i>For >5,000 To 10,000, Deduct</i>	-0.07
		<i>For >10,000 To 15,000, Deduct</i>	-0.13
		<i>For >15,000 To 30,000, Deduct</i>	-0.21
		<i>For >30,000, Deduct</i>	-0.28
09 01 90 52-0025	SF	Exterior Coating Blistered Pitted, Rust, Commercial Blast, Metal Surfaces, Surface Preparation.....	2.15
		<i>For Up To 100, Add</i>	1.31
		<i>For >100 To 250, Add</i>	0.61
		<i>For >250 To 500, Add</i>	0.26
		<i>For >5,000 To 10,000, Deduct</i>	-0.10
		<i>For >10,000 To 15,000, Deduct</i>	-0.20
		<i>For >15,000 To 30,000, Deduct</i>	-0.31
		<i>For >30,000, Deduct</i>	-0.41
09 01 90 52-0026	SF	Badly Pitted With Rust Nodules, Commercial Blast, Metal Surfaces, Surface Preparation.....	3.57
		<i>For Up To 100, Add</i>	2.18
		<i>For >100 To 250, Add</i>	1.02
		<i>For >250 To 500, Add</i>	0.44
		<i>For >5,000 To 10,000, Deduct</i>	-0.17
		<i>For >10,000 To 15,000, Deduct</i>	-0.33
		<i>For >15,000 To 30,000, Deduct</i>	-0.52
		<i>For >30,000, Deduct</i>	-0.68
09 01 90 52-0027	SF	Loose Mill Scale With Fine Powder Rust, Near White Blast, Metal Surfaces, Surface Preparation.....	2.73
		<i>For Up To 100, Add</i>	1.64
		<i>For >100 To 250, Add</i>	0.76
		<i>For >250 To 500, Add</i>	0.33
		<i>For >5,000 To 10,000, Deduct</i>	-0.13
		<i>For >10,000 To 15,000, Deduct</i>	-0.25
		<i>For >15,000 To 30,000, Deduct</i>	-0.39
		<i>For >30,000, Deduct</i>	-0.52
09 01 90 52-0028	SF	Tight Mill Scale Little Rust, Near White Blast, Metal Surfaces, Surface Preparation.....	3.38
		<i>For Up To 100, Add</i>	2.01
		<i>For >100 To 250, Add</i>	0.94
		<i>For >250 To 500, Add</i>	0.40
		<i>For >5,000 To 10,000, Deduct</i>	-0.16
		<i>For >10,000 To 15,000, Deduct</i>	-0.31
		<i>For >15,000 To 30,000, Deduct</i>	-0.49
		<i>For >30,000, Deduct</i>	-0.64
09 01 90 52-0029	SF	Exterior Coat Blistered Pitted Rust, Near White Blast, Metal Surfaces, Surface Preparation.....	4.37
		<i>For Up To 100, Add</i>	2.61
		<i>For >100 To 250, Add</i>	1.22
		<i>For >250 To 500, Add</i>	0.52
		<i>For >5,000 To 10,000, Deduct</i>	-0.20
		<i>For >10,000 To 15,000, Deduct</i>	-0.40
		<i>For >15,000 To 30,000, Deduct</i>	-0.63
		<i>For >30,000, Deduct</i>	-0.83
09 01 90 52-0030	SF	Badly Pitted Rust Nodules, Near White Blast, Metal Surfaces, Surface Preparation.....	5.48
		<i>For Up To 100, Add</i>	3.27
		<i>For >100 To 250, Add</i>	1.53
		<i>For >250 To 500, Add</i>	0.65
		<i>For >5,000 To 10,000, Deduct</i>	-0.25
		<i>For >10,000 To 15,000, Deduct</i>	-0.50
		<i>For >15,000 To 30,000, Deduct</i>	-0.79
		<i>For >30,000, Deduct</i>	-1.04

09 01 90 52-0031 Tile Surfaces, Surface Preparation (09 01 90 52-0001)

09 01 90 52-0032	SF	Trisodium Phosphate (TSP), Clean Tile Surfaces, Surface Preparation.....	0.48
		<i>For Up To 100, Add</i>	0.35
		<i>For >100 To 250, Add</i>	0.16
		<i>For >250 To 500, Add</i>	0.07
		<i>For >5,000 To 10,000, Deduct</i>	-0.02
		<i>For >10,000 To 15,000, Deduct</i>	-0.05
		<i>For >15,000 To 30,000, Deduct</i>	-0.07
		<i>For >30,000, Deduct</i>	-0.10

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST
09 01 90 52-0033	CSF			Chemical Alkaline Cleaner, Brush And Wash Tile Surfaces, Surface Preparation	46.96	
				For Up To 100, Add	34.96	
				For >100 To 250, Add	16.31	
				For >250 To 500, Add	6.99	
				For >5,000 To 10,000, Deduct	-2.34	
				For >10,000 To 15,000, Deduct	-4.68	
				For >15,000 To 30,000, Deduct	-7.03	
				For >30,000, Deduct	-9.37	
09 01 90 52-0034	SF			Up To 5,000 PSI, Pressure Wash Tile Surfaces, Surface Preparation	0.35	
				For Up To 100, Add	0.21	
				For >100 To 250, Add	0.10	
				For >250 To 500, Add	0.04	
				For >5,000 To 10,000, Deduct	-0.02	
				For >10,000 To 15,000, Deduct	-0.03	
				For >15,000 To 30,000, Deduct	-0.05	
				For >30,000, Deduct	-0.07	
09 01 90 52-0035				Wood Surfaces, Surface Preparation (09 01 90 52-0001)	1.53	
09 01 90 52-0036	SF			Prepare New Wood Floor For Finish, Multi Grit Sanding/Screening	1.53	
				For Up To 100, Add	1.09	
				For >100 To 250, Add	0.51	
				For >250 To 500, Add	0.22	
				For >5,000 To 10,000, Deduct	-0.07	
				For >10,000 To 15,000, Deduct	-0.15	
				For >15,000 To 30,000, Deduct	-0.23	
				For >30,000, Deduct	-0.30	
09 01 90 52-0037	SF			Trisodium Phosphate (TSP), Clean Wood Surfaces, Surface Preparation	0.50	
				For Up To 100, Add	0.36	
				For >100 To 250, Add	0.17	
				For >250 To 500, Add	0.07	
				For >5,000 To 10,000, Deduct	-0.02	
				For >10,000 To 15,000, Deduct	-0.05	
				For >15,000 To 30,000, Deduct	-0.07	
				For >30,000, Deduct	-0.10	
09 01 90 52-0038	SF			Chemical Clean, Brush And Wash Wood Surfaces, Surface Preparation	0.72	
				For Up To 100, Add	0.41	
				For >100 To 250, Add	0.19	
				For >250 To 500, Add	0.08	
				For >5,000 To 10,000, Deduct	-0.03	
				For >10,000 To 15,000, Deduct	-0.07	
				For >15,000 To 30,000, Deduct	-0.10	
				For >30,000, Deduct	-0.14	
09 01 90 52-0039	SF			Hand Scrape Wood Surfaces, Surface Preparation	0.79	
				For Up To 100, Add	0.59	
				For >100 To 250, Add	0.28	
				For >250 To 500, Add	0.12	
				For >5,000 To 10,000, Deduct	-0.04	
				For >10,000 To 15,000, Deduct	-0.08	
				For >15,000 To 30,000, Deduct	-0.12	
				For >30,000, Deduct	-0.16	
09 01 90 52-0040	SF			Steam Clean Wood Surfaces, Surface Preparation	0.76	
				For Up To 100, Add	0.46	
				For >100 To 250, Add	0.21	
				For >250 To 500, Add	0.09	
				For >5,000 To 10,000, Deduct	-0.04	
				For >10,000 To 15,000, Deduct	-0.07	
				For >15,000 To 30,000, Deduct	-0.11	
				For >30,000, Deduct	-0.14	
09 01 90 52-0041	SF			Up To 5,000 PSI, Pressure Wash Wood Surfaces, Surface Preparation	0.52	
				For Up To 100, Add	0.32	
				For >100 To 250, Add	0.15	
				For >250 To 500, Add	0.06	
				For >5,000 To 10,000, Deduct	-0.02	
				For >10,000 To 15,000, Deduct	-0.05	
				For >15,000 To 30,000, Deduct	-0.08	
				For >30,000, Deduct	-0.10	
09 01 90 52-0042	SF			Sanding Wood Paneling, Boards, Doors Or Other Wood Surfaces, Surface Preparation	0.98	
				For Up To 100, Add	0.68	
				For >100 To 250, Add	0.32	
				For >250 To 500, Add	0.14	
				For >5,000 To 10,000, Deduct	-0.05	
				For >10,000 To 15,000, Deduct	-0.09	
				For >15,000 To 30,000, Deduct	-0.14	
				For >30,000, Deduct	-0.19	
09 01 90 52-0043	SF			Sanding Wood Trim Surfaces, Surface Preparation	1.32	
				For Up To 100, Add	0.93	
				For >100 To 250, Add	0.43	
				For >250 To 500, Add	0.19	
				For >5,000 To 10,000, Deduct	-0.06	
				For >10,000 To 15,000, Deduct	-0.13	
				For >15,000 To 30,000, Deduct	-0.20	
				For >30,000, Deduct	-0.26	
09 01 90 52-0044	SF			Prime Wood Surfaces With Linseed Oil, 1 Coat, Surface Preparation	0.87	
				For Up To 100, Add	0.56	
				For >100 To 250, Add	0.26	
				For >250 To 500, Add	0.11	
				For >5,000 To 10,000, Deduct	-0.04	
				For >10,000 To 15,000, Deduct	-0.08	
				For >15,000 To 30,000, Deduct	-0.13	
				For >30,000, Deduct	-0.17	

09 Finishes**09 01 Maintenance of Finishes****09 01 90 Maintenance of Painting and Coating**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 01 90 52-0045	SF	Paint Wood Surfaces With Linseed Oil, 1 Coat, Surface Preparation	1.00
		For Up To 100, Add	0.65
		For >100 To 250, Add	0.30
		For >250 To 500, Add	0.13
		For >5,000 To 10,000, Deduct	-0.05
		For >10,000 To 15,000, Deduct	-0.09
		For >15,000 To 30,000, Deduct	-0.15
		For >30,000, Deduct	-0.19
09 01 90 52-0046		Vinyl Siding Surfaces, Surface Preparation <small>(09 01 90 52-0001)</small>	
09 01 90 52-0047	SF	Trisodium Phosphate (TSP), Clean, Vinyl Siding Surfaces, Surface Preparation	0.48
		For Up To 100, Add	0.35
		For >100 To 250, Add	0.16
		For >250 To 500, Add	0.07
		For >5,000 To 10,000, Deduct	-0.02
		For >10,000 To 15,000, Deduct	-0.05
		For >15,000 To 30,000, Deduct	-0.07
		For >30,000, Deduct	-0.10
09 01 90 52-0048	SF	Hand Wash, Vinyl Siding Surfaces, Surface Preparation	0.75
		For Up To 100, Add	0.53
		For >100 To 250, Add	0.25
		For >250 To 500, Add	0.11
		For >5,000 To 10,000, Deduct	-0.04
		For >10,000 To 15,000, Deduct	-0.07
		For >15,000 To 30,000, Deduct	-0.11
		For >30,000, Deduct	-0.15
09 01 90 52-0049	SF	Up To 5,000 PSI Pressure Wash, Vinyl Siding Surfaces, Surface Preparation	0.43
		For Up To 100, Add	0.24
		For >100 To 250, Add	0.11
		For >250 To 500, Add	0.05
		For >5,000 To 10,000, Deduct	-0.02
		For >10,000 To 15,000, Deduct	-0.04
		For >15,000 To 30,000, Deduct	-0.06
		For >30,000, Deduct	-0.08
09 01 90 52-0050	SF	Steam Clean, Vinyl Siding Surfaces, Surface Preparation	0.81
		For Up To 100, Add	0.46
		For >100 To 250, Add	0.21
		For >250 To 500, Add	0.09
		For >5,000 To 10,000, Deduct	-0.04
		For >10,000 To 15,000, Deduct	-0.07
		For >15,000 To 30,000, Deduct	-0.12
		For >30,000, Deduct	-0.15
09 01 90 52-0051		Plaster/Stucco Surfaces, Surface Preparation <small>(09 01 90 52-0001)</small>	
		Note: Based on total project quantity.	
09 01 90 52-0052	SF	Trisodium Phosphate (TSP), Clean Plaster/Stucco Surfaces, Surface Preparation	0.54
		For Up To 100, Add	0.39
		For >100 To 250, Add	0.18
		For >250 To 500, Add	0.08
		For >5,000 To 10,000, Deduct	-0.03
		For >10,000 To 15,000, Deduct	-0.05
		For >15,000 To 30,000, Deduct	-0.08
		For >30,000, Deduct	-0.11
09 01 90 52-0053	SF	Up To 5,000 PSI Pressure Wash Plaster/Stucco Surfaces, Surface Preparation	0.57
		For Up To 100, Add	0.33
		For >100 To 250, Add	0.15
		For >250 To 500, Add	0.07
		For >5,000 To 10,000, Deduct	-0.03
		For >10,000 To 15,000, Deduct	-0.05
		For >15,000 To 30,000, Deduct	-0.08
		For >30,000, Deduct	-0.11
09 01 90 52-0054		Prep Work <small>(09 01 90 52-0001)</small>	
09 01 90 52-0055	SF	Citrus Strip, Single Applications	1.28
		Note: For removal of up to 40 mils each application (average 5 layers at 8 mils per layer) dried latex and oil-based paint, varnish, lacquer, polyurethane and shellac from wood, metal, and masonry surfaces. Multiple applications may be necessary, refer to manufacturer recommendations	
09 01 90 91		Paint Restoration <small>(09 01 90)</small>	
09 01 90 91-0001		Paint Removal, Strip To Bare Wood <small>(09 01 90 91)</small>	
09 01 90 91-0002	SF	Flat Surfaces, Paint Removal, Strip To Bare Wood	8.56
09 01 90 91-0003	SF	Cornices And Decorative Trim To 12" Wide, Paint Removal, Strip To Bare Wood	9.12

09 05 Common Work Results for Finishes (09)**09 05 61 Common Work Results for Flooring Preparation** (09 05)**09 05 61 13 Moisture Vapor Emission Control** (09 05 61)**09 05 61 13-0001 Moisture Vapor Reduction System (Koester VAP)** (09 05 61 13)

09 05 61 13-0002	EA	Up To 200 SF, Water Vapor Emission Control System (Koester VAP 1-2000)	2,975.82
		Note: Clear	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 05 61 13-0003	SF	>200 To 500 SF, Water Vapor Emission Control System (Koester VAP 1-2001).....	15.75	
		Note: Clear		
09 05 61 13-0004	SF	>500 To 1,000 SF, Water Vapor Emission Control System (Koester VAP 1-2002).....	10.50	
		Note: Clear		
09 05 61 13-0005	SF	>1,000 To 3,000 SF, Water Vapor Emission Control System (Koester VAP 1-2003).....	8.75	
		Note: Clear		
09 05 61 13-0006	SF	>3,000 SF, Water Vapor Emission Control System (Koester VAP 1-2004).....	7.00	
		Note: Clear		

09 05 61 13-0007	Moisture Vapor Transmission Control (Dependable Cutdown® II) (09 05 61 13)			
09 05 61 13-0008	SF	8# Two Coats, Moisture Vapor Transmission Control (Dependable Cutdown® II).....	4.88	
09 05 61 13-0009	SF	15# Two Coats, Moisture Vapor Transmission Control (Dependable Cutdown® II).....	6.63	

09 05 71 Acoustic Underlayment (09 05)

09 05 71 00-0001	Tile And Stone Acoustical Underlayment (09 05 71)			
09 05 71 00-0002	SF	5 Mil Tile And Stone Acoustical Underlayment (EasyMat).....	4.44	
		<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	0.52	
09 05 71 00-0003	Resilient Floor Acoustical Underlayment (09 05 71)			
09 05 71 00-0004	SF	Vinyl, Linoleum, LVT And Vinyl Strip Flooring Acoustical Underlayment (Impacta, Soundseal VC300).....	3.40	
09 05 71 00-0005	SF	2 MM Thick Resilient Plank Floor Acoustical Underlayment (Floormuffer).....	2.00	
09 05 71 00-0006	SF	0.055" Thick High Density Polyurethane Foam Floor Acoustical Underlayment (Silencer LVT).....	2.45	

09 20 Plaster and Gypsum Board (09)

09 22 Supports for Plaster and Gypsum Board (09 20)

Note: Per SF of wall area measures one side. Do not deduct for opens of less than 25 SF when calculating total wall square footage.

09 22 13 Metal Furring (09 22)

09 22 13 13 Metal Channel Furring (09 22 13)

09 22 13 13-0001	Hat Furring Channel (09 22 13 13)			
		Note: Includes clips where required.		
09 22 13 13-0002	Installed On Walls, Hat Furring Channel (09 22 13 13-0001)			
09 22 13 13-0003	SF	7/8", 25 Gauge, 16" On Center, Installed On Walls, Hat Furring Channel.....	4.44	1.79
		<i>For Walls >10' High, Add</i>	0.54	
		<i>For 24" On Center, Deduct</i>	-0.53	
		<i>For 12" On Center, Add</i>	0.71	
		<i>For 22 Gauge, Add</i>	0.70	
		<i>For 20 Gauge, Add</i>	1.11	
09 22 13 13-0004	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Walls, Hat Furring Channel.....	4.79	1.79
		<i>For Walls >10' High, Add</i>	0.54	
		<i>For 24" On Center, Deduct</i>	-0.60	
		<i>For 12" On Center, Add</i>	0.78	
		<i>For 22 Gauge, Add</i>	0.88	
		<i>For 20 Gauge, Add</i>	1.34	
09 22 13 13-0005	Installed On Columns And Beams, Hat Furring Channel (09 22 13 13-0001)			
09 22 13 13-0006	SF	7/8", 25 Gauge, 16" On Center, Installed On Columns And Beams, Hat Furring Channel.....	6.37	2.74
		<i>For Columns And Beams >10' High, Add</i>	1.10	
		<i>For 24" On Center, Deduct</i>	-0.73	
		<i>For 12" On Center, Add</i>	1.00	
		<i>For 22 Gauge, Add</i>	0.85	
		<i>For 20 Gauge, Add</i>	1.40	
09 22 13 13-0007	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Columns And Beams, Hat Furring Channel.....	6.71	2.74
		<i>For Columns And Beams >10' High, Add</i>	1.10	
		<i>For 24" On Center, Deduct</i>	-0.79	
		<i>For 12" On Center, Add</i>	1.07	
		<i>For 22 Gauge, Add</i>	1.02	
		<i>For 20 Gauge, Add</i>	1.63	
09 22 13 13-0008	Installed On Ceilings, Hat Furring Channel (09 22 13 13-0001)			
09 22 13 13-0009	SF	7/8", 25 Gauge, 16" On Center, Installed On Ceilings, Hat Furring Channel.....	5.84	2.19
		<i>For Ceilings >10' High, Add</i>	0.66	
		<i>For 24" On Center, Deduct</i>	-0.73	
		<i>For 12" On Center, Add</i>	0.95	
		<i>For 22 Gauge, Add</i>	1.05	
		<i>For 20 Gauge, Add</i>	1.62	
09 22 13 13-0010	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Ceilings, Hat Furring Channel.....	6.18	2.19
		<i>For Ceilings >10' High, Add</i>	0.66	
		<i>For 24" On Center, Deduct</i>	-0.80	
		<i>For 12" On Center, Add</i>	1.02	
		<i>For 22 Gauge, Add</i>	1.22	
		<i>For 20 Gauge, Add</i>	1.84	

09 22 13 13-0011	Z Furring Channel (09 22 13 13)			
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09 22 13 13-0012	Installed On Walls, Z Furring Channel (09 22 13 13-0011)			
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09 Finishes

09 20 Plaster and Gypsum Board

09 22 Supports for Plaster and Gypsum Board

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 22 13 13-0013	SF 1", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel.....	3.87	1.79
	<i>For Walls >10' High, Add</i>	0.54	
	<i>For 24" On Center, Deduct</i>	-0.42	
	<i>For 12" On Center, Add</i>	0.60	
	<i>For 22 Gauge, Add</i>	0.42	
	<i>For 20 Gauge, Add</i>	0.73	
09 22 13 13-0014	SF 1-1/2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	3.93	1.79
	<i>For Walls >10' High, Add</i>	0.54	
	<i>For 24" On Center, Deduct</i>	-0.43	
	<i>For 12" On Center, Add</i>	0.61	
	<i>For 22 Gauge, Add</i>	0.45	
	<i>For 20 Gauge, Add</i>	0.77	
09 22 13 13-0015	SF 2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel.....	3.99	1.79
	<i>For Walls >10' High, Add</i>	0.54	
	<i>For 24" On Center, Deduct</i>	-0.44	
	<i>For 12" On Center, Add</i>	0.62	
	<i>For 22 Gauge, Add</i>	0.48	
	<i>For 20 Gauge, Add</i>	0.81	
09 22 13 13-0016	SF 2-1/2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	4.03	1.79
	<i>For Walls >10' High, Add</i>	0.54	
	<i>For 24" On Center, Deduct</i>	-0.45	
	<i>For 12" On Center, Add</i>	0.63	
	<i>For 22 Gauge, Add</i>	0.50	
	<i>For 20 Gauge, Add</i>	0.84	
09 22 13 13-0017	SF 3", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel.....	4.07	1.79
	<i>For Walls >10' High, Add</i>	0.54	
	<i>For 24" On Center, Deduct</i>	-0.46	
	<i>For 12" On Center, Add</i>	0.64	
	<i>For 22 Gauge, Add</i>	0.52	
	<i>For 20 Gauge, Add</i>	0.87	
09 22 13 23	Resilient Channel Furring <small>(09 22 13)</small>		
09 22 13 23-0001	Single-Leg Resilient Channel, RC1 Furring Channel <small>(09 22 13 23)</small> Note: Includes clips where required.		
09 22 13 23-0002	Installed On Walls, Single-Leg Resilient Channel, RC1 Furring Channel <small>(09 22 13 23-0001)</small>		
09 22 13 23-0003	SF 25 Gauge, 16" On Center, Installed On Walls, Single-Leg Resilient Channel, RC1 Furring Channel.....	4.22	1.79
	<i>For Walls >10' High, Add</i>	0.54	
	<i>For 24" On Center, Deduct</i>	-0.49	
	<i>For 12" On Center, Add</i>	0.67	
	<i>For 20 Gauge, Add</i>	0.96	
09 22 13 23-0004	Installed On Ceilings, Single-Leg Resilient Channel, RC1 Furring Channel <small>(09 22 13 23-0001)</small>		
09 22 13 23-0005	SF 25 Gauge, 16" On Center, Installed On Ceilings, Single-Leg Resilient Channel.....	5.04	2.19
	<i>For Ceilings >10' High, Add</i>	0.66	
	<i>For 24" On Center, Deduct</i>	-0.57	
	<i>For 12" On Center, Add</i>	0.79	
	<i>For 20 Gauge, Add</i>	1.09	
09 22 13 23-0006	Double-Leg Resilient Channel, RC2 Furring Channel <small>(09 22 13 23)</small> Note: Includes clips where required.		
09 22 13 23-0007	Installed On Walls, Double-Leg Resilient Channel, RC2 Furring Channel <small>(09 22 13 23-0006)</small>		
09 22 13 23-0008	SF 25 Gauge, 16" On Center, Installed On Walls, Double-Leg Resilient Channel	4.46	1.79
	<i>For Walls >10' High, Add</i>	0.54	
	<i>For 24" On Center, Deduct</i>	-0.54	
	<i>For 12" On Center, Add</i>	0.71	
	<i>For 20 Gauge, Add</i>	1.12	
09 22 13 23-0009	Installed On Ceilings, Double-Leg Resilient Channel, RC2 Furring Channel <small>(09 22 13 23-0006)</small>		
09 22 13 23-0010	SF 25 Gauge, 16" On Center, Installed On Ceilings, Double-Leg Resilient Channel	5.28	2.19
	<i>For Ceilings >10' High, Add</i>	0.66	
	<i>For 24" On Center, Deduct</i>	-0.62	
	<i>For 12" On Center, Add</i>	0.84	
	<i>For 20 Gauge, Add</i>	1.25	
09 22 16	Non-Structural Metal Framing <small>(09 22)</small> Note: Includes studs, bridging, fasteners, and metal stiffener at half height. Do not deduct for openings of less than 25 SF.		
09 22 16 13	Non-Structural Metal Stud Framing <small>(09 22 16)</small>		
09 22 16 13-0001	25 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners <small>(09 22 16 13)</small>		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 22 16 13-0002	SF			1-5/8" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	2.83	0.74
				For Powder-Actuated Fasteners Every 2', Add	0.05	
				For Walls >10' High, Add	0.57	
				For Soffit, Columns Or Beams Up To 10' High, Add	1.77	
				For Soffit, Columns Or Beams >10' High, Add	2.33	
				For Horizontal Installation Up To 10' High, Add	0.56	
				For Horizontal Installation >10' High, Add	0.75	
				For Curved Wall, Add	0.56	
				For 12" On Center, Add	0.47	
				For 24" On Center, Deduct	-0.47	
				For Up To 100, Add	0.94	
				For >100 To 300, Add	0.47	
				For >1,000, Deduct	-0.24	
09 22 16 13-0003	SF			2-1/2" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	3.03	0.78
				For Powder-Actuated Fasteners Every 2', Add	0.05	
				For Walls >10' High, Add	0.61	
				For Soffit, Columns Or Beams Up To 10' High, Add	1.86	
				For Soffit, Columns Or Beams >10' High, Add	2.44	
				For Horizontal Installation Up To 10' High, Add	0.59	
				For Horizontal Installation >10' High, Add	0.79	
				For Curved Wall, Add	0.58	
				For 12" On Center, Add	0.51	
				For 24" On Center, Deduct	-0.51	
				For Up To 100, Add	0.99	
				For >100 To 300, Add	0.50	
				For >1,000, Deduct	-0.26	
09 22 16 13-0004	SF			3-5/8" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	3.29	0.81
				For Powder-Actuated Fasteners Every 2', Add	0.05	
				For Walls >10' High, Add	0.66	
				For Soffit, Columns Or Beams Up To 10' High, Add	1.96	
				For Soffit, Columns Or Beams >10' High, Add	2.57	
				For Horizontal Installation Up To 10' High, Add	0.64	
				For Horizontal Installation >10' High, Add	0.84	
				For Curved Wall, Add	0.61	
				For 12" On Center, Add	0.56	
				For 24" On Center, Deduct	-0.56	
				For Up To 100, Add	1.07	
				For >100 To 300, Add	0.53	
				For >1,000, Deduct	-0.29	
09 22 16 13-0005	SF			4" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	3.51	0.85
				For Powder-Actuated Fasteners Every 2', Add	0.05	
				For Walls >10' High, Add	0.70	
				For Soffit, Columns Or Beams Up To 10' High, Add	2.06	
				For Soffit, Columns Or Beams >10' High, Add	2.71	
				For Horizontal Installation Up To 10' High, Add	0.67	
				For Horizontal Installation >10' High, Add	0.89	
				For Curved Wall, Add	0.64	
				For 12" On Center, Add	0.60	
				For 24" On Center, Deduct	-0.60	
				For Up To 100, Add	1.13	
				For >100 To 300, Add	0.57	
				For >1,000, Deduct	-0.31	
09 22 16 13-0006	SF			6" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	3.93	0.90
				For Powder-Actuated Fasteners Every 2', Add	0.05	
				For Walls >10' High, Add	0.79	
				For Soffit, Columns Or Beams Up To 10' High, Add	2.19	
				For Soffit, Columns Or Beams >10' High, Add	2.87	
				For Horizontal Installation Up To 10' High, Add	0.73	
				For Horizontal Installation >10' High, Add	0.96	
				For Curved Wall, Add	0.68	
				For 12" On Center, Add	0.67	
				For 24" On Center, Deduct	-0.67	
				For Up To 100, Add	1.24	
				For >100 To 300, Add	0.62	
				For >1,000, Deduct	-0.36	
09 22 16 13-0007				20 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners (09 22 16 13)		
09 22 16 13-0008	SF			1-5/8" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	3.19	0.75
				For Powder-Actuated Fasteners Every 2', Add	0.05	
				For Walls >10' High, Add	0.64	
				For Soffit, Columns Or Beams Up To 10' High, Add	1.84	
				For Soffit, Columns Or Beams >10' High, Add	2.41	
				For Horizontal Installation Up To 10' High, Add	0.60	
				For Horizontal Installation >10' High, Add	0.79	
				For Curved Wall, Add	0.57	
				For 12" On Center, Add	0.54	
				For 24" On Center, Deduct	-0.54	
				For Up To 100, Add	1.02	
				For >100 To 300, Add	0.51	
				For >1,000, Deduct	-0.29	

09 Finishes

09 20 Plaster and Gypsum Board

09 22 Supports for Plaster and Gypsum Board

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 22 16 13-0009	SF	2-1/2" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	3.52	0.80
		<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.05	
		<i>For Walls >10' High, Add</i>	0.70	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	1.95	
		<i>For Soffit, Columns Or Beams >10' High, Add</i>	2.55	
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.65	
		<i>For Horizontal Installation >10' High, Add</i>	0.85	
		<i>For Curved Wall, Add</i>	0.60	
		<i>For 12" On Center, Add</i>	0.60	
		<i>For 24" On Center, Deduct</i>	-0.60	
		<i>For Up To 100, Add</i>	1.10	
		<i>For >100 To 300, Add</i>	0.55	
		<i>For >1,000, Deduct</i>	-0.33	
09 22 16 13-0010	SF	3-5/8" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	3.89	0.83
		<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.05	
		<i>For Walls >10' High, Add</i>	0.78	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	2.07	
		<i>For Soffit, Columns Or Beams >10' High, Add</i>	2.70	
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.70	
		<i>For Horizontal Installation >10' High, Add</i>	0.91	
		<i>For Curved Wall, Add</i>	0.63	
		<i>For 12" On Center, Add</i>	0.67	
		<i>For 24" On Center, Deduct</i>	-0.67	
		<i>For Up To 100, Add</i>	1.20	
		<i>For >100 To 300, Add</i>	0.60	
		<i>For >1,000, Deduct</i>	-0.37	
09 22 16 13-0011	SF	4" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural Structural, Galvanized Steel Framing With Tracks And Runners.....	4.13	0.87
		<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.05	
		<i>For Walls >10' High, Add</i>	0.83	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	2.17	
		<i>For Soffit, Columns Or Beams >10' High, Add</i>	2.82	
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.74	
		<i>For Horizontal Installation >10' High, Add</i>	0.96	
		<i>For Curved Wall, Add</i>	0.66	
		<i>For 12" On Center, Add</i>	0.72	
		<i>For 24" On Center, Deduct</i>	-0.72	
		<i>For Up To 100, Add</i>	1.26	
		<i>For >100 To 300, Add</i>	0.63	
		<i>For >1,000, Deduct</i>	-0.40	
09 22 16 13-0012	SF	6" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	5.76	0.92
		<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.05	
		<i>For Walls >10' High, Add</i>	1.15	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	2.42	
		<i>For Soffit, Columns Or Beams >10' High, Add</i>	3.11	
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.92	
		<i>For Horizontal Installation >10' High, Add</i>	1.15	
		<i>For Curved Wall, Add</i>	0.69	
		<i>For 12" On Center, Add</i>	1.04	
		<i>For 24" On Center, Deduct</i>	-1.04	
		<i>For Up To 100, Add</i>	1.61	
		<i>For >100 To 300, Add</i>	0.81	
		<i>For >1,000, Deduct</i>	-0.63	
09 22 16 13-0013		18 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners <small>(09 22 16 13)</small>		
09 22 16 13-0014	SF	2-1/2" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	4.86	0.81
		<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.05	
		<i>For Walls >10' High, Add</i>	0.97	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	2.12	
		<i>For Soffit, Columns Or Beams >10' High, Add</i>	2.73	
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.79	
		<i>For Horizontal Installation >10' High, Add</i>	1.00	
		<i>For Curved Wall, Add</i>	0.61	
		<i>For 12" On Center, Add</i>	0.87	
		<i>For 24" On Center, Deduct</i>	-0.87	
		<i>For Up To 100, Add</i>	1.38	
		<i>For >100 To 300, Add</i>	0.69	
		<i>For >1,000, Deduct</i>	-0.53	
09 22 16 13-0015	SF	3-5/8" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	5.38	0.85
		<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.05	
		<i>For Walls >10' High, Add</i>	1.08	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	2.26	
		<i>For Soffit, Columns Or Beams >10' High, Add</i>	2.90	
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.86	
		<i>For Horizontal Installation >10' High, Add</i>	1.08	
		<i>For Curved Wall, Add</i>	0.65	
		<i>For 12" On Center, Add</i>	0.97	
		<i>For 24" On Center, Deduct</i>	-0.97	
		<i>For Up To 100, Add</i>	1.51	
		<i>For >100 To 300, Add</i>	0.75	
		<i>For >1,000, Deduct</i>	-0.59	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 22 16 13-0016	SF			4" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	5.78	0.90
				For Powder-Actuated Fasteners Every 2', Add	0.05	
				For Walls >10' High, Add	1.16	
				For Soffit, Columns Or Beams Up To 10' High, Add	2.38	
				For Soffit, Columns Or Beams >10' High, Add	3.05	
				For Horizontal Installation Up To 10' High, Add	0.92	
				For Horizontal Installation >10' High, Add	1.14	
				For Curved Wall, Add	0.68	
				For 12" On Center, Add	1.04	
				For 24" On Center, Deduct	-1.04	
				For Up To 100, Add	1.61	
				For >100 To 300, Add	0.80	
				For >1,000, Deduct	-0.64	
09 22 16 13-0017	SF			6" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	7.55	0.94
				For Powder-Actuated Fasteners Every 2', Add	0.05	
				For Walls >10' High, Add	1.51	
				For Soffit, Columns Or Beams Up To 10' High, Add	2.65	
				For Soffit, Columns Or Beams >10' High, Add	3.36	
				For Horizontal Installation Up To 10' High, Add	1.11	
				For Horizontal Installation >10' High, Add	1.35	
				For Curved Wall, Add	0.71	
				For 12" On Center, Add	1.39	
				For 24" On Center, Deduct	-1.39	
				For Up To 100, Add	1.98	
				For >100 To 300, Add	0.99	
				For >1,000, Deduct	-0.90	
09 22 16 13-0018	SF			8" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	8.22	1.00
				For Powder-Actuated Fasteners Every 2', Add	0.05	
				For Walls >10' High, Add	1.64	
				For Soffit, Columns Or Beams Up To 10' High, Add	2.81	
				For Soffit, Columns Or Beams >10' High, Add	3.55	
				For Horizontal Installation Up To 10' High, Add	1.19	
				For Horizontal Installation >10' High, Add	1.44	
				For Curved Wall, Add	0.74	
				For 12" On Center, Add	1.52	
				For 24" On Center, Deduct	-1.52	
				For Up To 100, Add	2.14	
				For >100 To 300, Add	1.07	
				For >1,000, Deduct	-0.99	

09 22 16 13-0019 16 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners (09 22 16 13)

09 22 16 13-0020	SF			2-1/2" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	5.17	0.83
				For Powder-Actuated Fasteners Every 2', Add	0.05	
				For Walls >10' High, Add	1.03	
				For Soffit, Columns Or Beams Up To 10' High, Add	2.20	
				For Soffit, Columns Or Beams >10' High, Add	2.83	
				For Horizontal Installation Up To 10' High, Add	0.83	
				For Horizontal Installation >10' High, Add	1.04	
				For Curved Wall, Add	0.63	
				For 12" On Center, Add	0.93	
				For 24" On Center, Deduct	-0.93	
				For Up To 100, Add	1.45	
				For >100 To 300, Add	0.73	
				For >1,000, Deduct	-0.57	
09 22 16 13-0021	SF			3-5/8" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	6.08	0.87
				For Powder-Actuated Fasteners Every 2', Add	0.05	
				For Walls >10' High, Add	1.22	
				For Soffit, Columns Or Beams Up To 10' High, Add	2.36	
				For Soffit, Columns Or Beams >10' High, Add	3.02	
				For Horizontal Installation Up To 10' High, Add	0.94	
				For Horizontal Installation >10' High, Add	1.16	
				For Curved Wall, Add	0.66	
				For 12" On Center, Add	1.11	
				For 24" On Center, Deduct	-1.11	
				For Up To 100, Add	1.65	
				For >100 To 300, Add	0.83	
				For >1,000, Deduct	-0.69	
09 22 16 13-0022	SF			4" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	6.43	0.92
				For Powder-Actuated Fasteners Every 2', Add	0.05	
				For Walls >10' High, Add	1.29	
				For Soffit, Columns Or Beams Up To 10' High, Add	2.48	
				For Soffit, Columns Or Beams >10' High, Add	3.17	
				For Horizontal Installation Up To 10' High, Add	0.99	
				For Horizontal Installation >10' High, Add	1.22	
				For Curved Wall, Add	0.69	
				For 12" On Center, Add	1.17	
				For 24" On Center, Deduct	-1.17	
				For Up To 100, Add	1.75	
				For >100 To 300, Add	0.87	
				For >1,000, Deduct	-0.73	

09 Finishes**09 20 Plaster and Gypsum Board****09 22 Supports for Plaster and Gypsum Board**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 22 16 13-0023	SF	6" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	8.15	0.97
		<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.05	
		<i>For Walls >10' High, Add</i>	1.63	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	2.75	
		<i>For Soffit, Columns Or Beams >10' High, Add</i>	3.48	
		<i>For Horizontal Installation Up To 10' High, Add</i>	1.18	
		<i>For Horizontal Installation >10' High, Add</i>	1.42	
		<i>For Curved Wall, Add</i>	0.73	
		<i>For 12" On Center, Add</i>	1.51	
		<i>For 24" On Center, Deduct</i>	-1.51	
		<i>For Up To 100, Add</i>	2.11	
		<i>For >100 To 300, Add</i>	1.06	
		<i>For >1,000, Deduct</i>	-0.98	
09 22 16 13-0024	SF	8" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	8.97	1.03
		<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.05	
		<i>For Walls >10' High, Add</i>	1.79	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	2.93	
		<i>For Soffit, Columns Or Beams >10' High, Add</i>	3.69	
		<i>For Horizontal Installation Up To 10' High, Add</i>	1.28	
		<i>For Horizontal Installation >10' High, Add</i>	1.53	
		<i>For Curved Wall, Add</i>	0.76	
		<i>For 12" On Center, Add</i>	1.67	
		<i>For 24" On Center, Deduct</i>	-1.67	
		<i>For Up To 100, Add</i>	2.30	
		<i>For >100 To 300, Add</i>	1.15	
		<i>For >1,000, Deduct</i>	-1.09	

09 22 16 13-0025 Galvanized Steel Backing Plates (09 22 16 13)

Note: Used to attach fixtures, cabinets, shelves or handrails to metal stud walls.

09 22 16 13-0026	LF	3" Wide, 25 Gauge Galvanized Steel Backing Plate.....	1.49	
09 22 16 13-0027	LF	4" Wide, 25 Gauge Galvanized Steel Backing Plate.....	1.82	
09 22 16 13-0028	LF	6" Wide, 25 Gauge Galvanized Steel Backing Plate.....	2.34	
09 22 16 13-0029	LF	8" Wide, 25 Gauge Galvanized Steel Backing Plate.....	2.87	
09 22 16 13-0030	LF	10" Wide, 25 Gauge Galvanized Steel Backing Plate.....	3.39	
09 22 16 13-0031	LF	12" Wide, 25 Gauge Galvanized Steel Backing Plate.....	4.04	
09 22 16 13-0032	LF	3" Wide, 20 Gauge Galvanized Steel Backing Plate.....	1.91	
09 22 16 13-0033	LF	4" Wide, 20 Gauge Galvanized Steel Backing Plate.....	2.38	
09 22 16 13-0034	LF	6" Wide, 20 Gauge Galvanized Steel Backing Plate.....	3.17	
09 22 16 13-0035	LF	8" Wide, 20 Gauge Galvanized Steel Backing Plate.....	3.96	
09 22 16 13-0036	LF	10" Wide, 20 Gauge Galvanized Steel Backing Plate.....	4.78	
09 22 16 13-0037	LF	12" Wide, 20 Gauge Galvanized Steel Backing Plate.....	5.68	
09 22 16 13-0038	LF	3" Wide, 16 Gauge Galvanized Steel Backing Plate.....	2.61	
09 22 16 13-0039	LF	4" Wide, 16 Gauge Galvanized Steel Backing Plate.....	3.25	
09 22 16 13-0040	LF	6" Wide, 16 Gauge Galvanized Steel Backing Plate.....	4.42	
09 22 16 13-0041	LF	8" Wide, 16 Gauge Galvanized Steel Backing Plate.....	5.58	
09 22 16 13-0042	LF	10" Wide, 16 Gauge Galvanized Steel Backing Plate.....	6.84	
09 22 16 13-0043	LF	12" Wide, 16 Gauge Galvanized Steel Backing Plate.....	8.06	
09 22 16 13-0044	LF	3" Wide, 14 Gauge Galvanized Steel Backing Plate.....	3.08	
09 22 16 13-0045	LF	4" Wide, 14 Gauge Galvanized Steel Backing Plate.....	3.87	
09 22 16 13-0046	LF	6" Wide, 14 Gauge Galvanized Steel Backing Plate.....	5.35	
09 22 16 13-0047	LF	8" Wide, 14 Gauge Galvanized Steel Backing Plate.....	6.82	
09 22 16 13-0048	LF	10" Wide, 14 Gauge Galvanized Steel Backing Plate.....	8.39	
09 22 16 13-0049	LF	12" Wide, 14 Gauge Galvanized Steel Backing Plate.....	9.92	

09 22 36 Lath (09 22)**09 22 36 13 Gypsum Lath** (09 22 36)**09 22 36 13-0001 Plaster Base Gypsum Panels** (09 22 36 13)

09 22 36 13-0002	SF	3/8" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel.....	1.51	0.49
		<i>For Walls >10' High, Add</i>	0.12	
		<i>For Up To 100, Add</i>	0.50	
		<i>For >100 To 500, Add</i>	0.25	
		<i>For >5,000, Deduct</i>	-0.10	
09 22 36 13-0003	SF	1/2" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel.....	2.11	0.57
		<i>For Walls >10' High, Add</i>	0.14	
		<i>For Up To 100, Add</i>	0.58	
		<i>For >100 To 500, Add</i>	0.29	
		<i>For >5,000, Deduct</i>	-0.12	
09 22 36 13-0004	SF	5/8" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel.....	2.70	0.66
		<i>For Walls >10' High, Add</i>	0.16	
		<i>For Up To 100, Add</i>	0.66	
		<i>For >100 To 500, Add</i>	0.33	
		<i>For >5,000, Deduct</i>	-0.13	
09 22 36 13-0005	SF	3/8" Thick, Installed On Ceiling, Plaster Base Gypsum Panel.....	1.91	0.69
		<i>For Ceilings >10' High, Add</i>	0.21	
		<i>For Up To 100, Add</i>	0.70	
		<i>For >100 To 500, Add</i>	0.35	
		<i>For >5,000, Deduct</i>	-0.14	
09 22 36 13-0006	SF	1/2" Thick, Installed On Ceiling, Plaster Base Gypsum Panel.....	2.56	0.80
		<i>For Ceilings >10' High, Add</i>	0.24	
		<i>For Up To 100, Add</i>	0.80	
		<i>For >100 To 500, Add</i>	0.40	
		<i>For >5,000, Deduct</i>	-0.16	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 22 36 13-0007	SF			5/8" Thick, Installed On Ceiling, Plaster Base Gypsum Panel	3.22	0.92
				<i>For Ceilings >10' High, Add</i>	0.27	
				<i>For Up To 100, Add</i>	0.92	
				<i>For >100 To 500, Add</i>	0.46	
				<i>For >5,000, Deduct</i>	-0.18	
09 22 36 13-0008	SF			3/8" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel.....	2.30	0.88
				<i>For Columns And Beams >10' High, Add</i>	0.27	
				<i>For Up To 100, Add</i>	0.89	
				<i>For >100 To 500, Add</i>	0.45	
				<i>For >5,000, Deduct</i>	-0.18	
09 22 36 13-0009	SF			1/2" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel.....	3.01	1.03
				<i>For Columns And Beams >10' High, Add</i>	0.31	
				<i>For Up To 100, Add</i>	1.03	
				<i>For >100 To 500, Add</i>	0.51	
				<i>For >5,000, Deduct</i>	-0.21	
09 22 36 13-0010	SF			5/8" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel.....	3.74	1.19
				<i>For Columns And Beams >10' High, Add</i>	0.35	
				<i>For Up To 100, Add</i>	1.18	
				<i>For >100 To 500, Add</i>	0.59	
				<i>For >5,000, Deduct</i>	-0.24	

09 22 36 13-0011 Firestop Plaster Base Gypsum Panels (09 22 36 13)

09 22 36 13-0012	SF			3/8" Thick, Installed On Studs Or Furred Walls, Firestop Plaster Base Gypsum Panel.....	2.14	0.49
				<i>For Walls >10' High, Add</i>	0.12	
				<i>For Up To 100, Add</i>	0.50	
				<i>For >100 To 500, Add</i>	0.25	
				<i>For >5,000, Deduct</i>	-0.10	
09 22 36 13-0013	SF			1/2" Thick, Installed On Studs Or Furred Walls, Firestop Plaster Base Gypsum Panel.....	2.50	0.57
				<i>For Walls >10' High, Add</i>	0.14	
				<i>For Up To 100, Add</i>	0.58	
				<i>For >100 To 500, Add</i>	0.29	
				<i>For >5,000, Deduct</i>	-0.12	
09 22 36 13-0014	SF			3/8" Thick, Installed On Ceilings, Firestop Plaster Base Gypsum Panel	2.54	0.69
				<i>For Ceilings >10' High, Add</i>	0.21	
				<i>For Up To 100, Add</i>	0.70	
				<i>For >100 To 500, Add</i>	0.35	
				<i>For >5,000, Deduct</i>	-0.14	
09 22 36 13-0015	SF			1/2" Thick, Installed On Ceilings, Firestop Plaster Base Gypsum Panel	2.95	0.80
				<i>For Ceilings >10' High, Add</i>	0.24	
				<i>For Up To 100, Add</i>	0.80	
				<i>For >100 To 500, Add</i>	0.40	
				<i>For >5,000, Deduct</i>	-0.16	
09 22 36 13-0016	SF			3/8" Thick, Installed On Columns And Beams, Firestop Plaster Base Gypsum Panel.....	2.93	0.88
				<i>For Columns And Beams >10' High, Add</i>	0.27	
				<i>For Up To 100, Add</i>	0.89	
				<i>For >100 To 500, Add</i>	0.45	
				<i>For >5,000, Deduct</i>	-0.18	
09 22 36 13-0017	SF			1/2" Thick, Installed On Columns And Beams, Firestop Plaster Base Gypsum Panel.....	3.40	1.03
				<i>For Columns And Beams >10' High, Add</i>	0.31	
				<i>For Up To 100, Add</i>	1.03	
				<i>For >100 To 500, Add</i>	0.51	
				<i>For >5,000, Deduct</i>	-0.21	

09 22 36 13-0018 Foil Back Plaster Base Gypsum Panels (09 22 36 13)

09 22 36 13-0019	SF			3/8" Thick, Installed On Studs Or Furred Walls, Foil Back Plaster Base Gypsum Panel.....	2.14	0.49
				<i>For Walls >10' High, Add</i>	0.12	
				<i>For Up To 100, Add</i>	0.50	
				<i>For >100 To 500, Add</i>	0.25	
				<i>For >5,000, Deduct</i>	-0.10	
09 22 36 13-0020	SF			1/2" Thick, Installed On Studs Or Furred Walls, Foil Back Plaster Base Gypsum Panel.....	2.50	0.57
				<i>For Walls >10' High, Add</i>	0.14	
				<i>For Up To 100, Add</i>	0.58	
				<i>For >100 To 500, Add</i>	0.29	
				<i>For >5,000, Deduct</i>	-0.12	
09 22 36 13-0021	SF			3/8" Thick, Installed On Ceiling, Foil Back Plaster Base Gypsum Panel	2.54	0.69
				<i>For Ceilings >10' High, Add</i>	0.21	
				<i>For Up To 100, Add</i>	0.70	
				<i>For >100 To 500, Add</i>	0.35	
				<i>For >5,000, Deduct</i>	-0.14	
09 22 36 13-0022	SF			1/2" Thick, Installed On Ceiling, Foil Back Plaster Base Gypsum Panel	2.95	0.80
				<i>For Ceilings >10' High, Add</i>	0.24	
				<i>For Up To 100, Add</i>	0.80	
				<i>For >100 To 500, Add</i>	0.40	
				<i>For >5,000, Deduct</i>	-0.16	
09 22 36 13-0023	SF			3/8" Thick, Installed On Columns And Beams, Foil Back Plaster Base Gypsum Panel.....	2.93	0.88
				<i>For Columns And Beams >10' High, Add</i>	0.27	
				<i>For Up To 100, Add</i>	0.89	
				<i>For >100 To 500, Add</i>	0.45	
				<i>For >5,000, Deduct</i>	-0.18	
09 22 36 13-0024	SF			1/2" Thick, Installed On Columns And Beams, Foil Back Plaster Base Gypsum Panel.....	3.40	1.03
				<i>For Columns And Beams >10' High, Add</i>	0.31	
				<i>For Up To 100, Add</i>	1.03	
				<i>For >100 To 500, Add</i>	0.51	
				<i>For >5,000, Deduct</i>	-0.21	

09 22 36 23 Metal Lath (09 22 36)

09 Finishes

09 20 Plaster and Gypsum Board

09 22 Supports for Plaster and Gypsum Board

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 22 36 23-0001 Flat Diamond, Expanded Metal Lath <small>(09 22 36 23)</small>			
09 22 36 23-0002	SF 1.75 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	2.44	0.68
	<i>For Walls >10' High, Add</i>	0.19	
	<i>For Paper Backed Lath, Add</i>	0.06	
	<i>For Up To 100, Add</i>	0.77	
	<i>For >100 To 500, Add</i>	0.38	
	<i>For >5,000, Deduct</i>	-0.15	
09 22 36 23-0003	SF 2 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	2.57	0.68
	<i>For Walls >10' High, Add</i>	0.19	
	<i>For Paper Backed Lath, Add</i>	0.06	
	<i>For Up To 100, Add</i>	0.77	
	<i>For >100 To 500, Add</i>	0.38	
	<i>For >5,000, Deduct</i>	-0.15	
09 22 36 23-0004	SF 2.5 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	2.69	0.68
	<i>For Walls >10' High, Add</i>	0.19	
	<i>For Paper Backed Lath, Add</i>	0.06	
	<i>For Up To 100, Add</i>	0.77	
	<i>For >100 To 500, Add</i>	0.38	
	<i>For >5,000, Deduct</i>	-0.15	
09 22 36 23-0005	SF 3.4 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	3.11	0.73
	<i>For Walls >10' High, Add</i>	0.20	
	<i>For Paper Backed Lath, Add</i>	0.06	
	<i>For Up To 100, Add</i>	0.82	
	<i>For >100 To 500, Add</i>	0.41	
	<i>For >5,000, Deduct</i>	-0.16	
09 22 36 23-0006	SF 1.75 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath	2.65	0.78
	<i>For Ceilings >10' High, Add</i>	0.26	
	<i>For Paper Backed Lath, Add</i>	0.06	
	<i>For Up To 100, Add</i>	0.87	
	<i>For >100 To 500, Add</i>	0.44	
	<i>For >5,000, Deduct</i>	-0.17	
09 22 36 23-0007	SF 2 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath	2.78	0.78
	<i>For Ceilings >10' High, Add</i>	0.26	
	<i>For Paper Backed Lath, Add</i>	0.06	
	<i>For Up To 100, Add</i>	0.87	
	<i>For >100 To 500, Add</i>	0.44	
	<i>For >5,000, Deduct</i>	-0.17	
09 22 36 23-0008	SF 2.5 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath	2.90	0.78
	<i>For Ceilings >10' High, Add</i>	0.26	
	<i>For Paper Backed Lath, Add</i>	0.06	
	<i>For Up To 100, Add</i>	0.87	
	<i>For >100 To 500, Add</i>	0.44	
	<i>For >5,000, Deduct</i>	-0.17	
09 22 36 23-0009	SF 3.4 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath	3.22	0.78
	<i>For Ceilings >10' High, Add</i>	0.26	
	<i>For Paper Backed Lath, Add</i>	0.06	
	<i>For Up To 100, Add</i>	0.87	
	<i>For >100 To 500, Add</i>	0.44	
	<i>For >5,000, Deduct</i>	-0.17	
09 22 36 23-0010	SF 1.75 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	3.48	1.10
	<i>For Columns And Beams >10' High, Add</i>	0.37	
	<i>For Paper Backed Lath, Add</i>	0.06	
	<i>For Up To 100, Add</i>	1.22	
	<i>For >100 To 500, Add</i>	0.61	
	<i>For >5,000, Deduct</i>	-0.24	
09 22 36 23-0011	SF 2 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	3.60	1.10
	<i>For Columns And Beams >10' High, Add</i>	0.37	
	<i>For Paper Backed Lath, Add</i>	0.06	
	<i>For Up To 100, Add</i>	1.22	
	<i>For >100 To 500, Add</i>	0.61	
	<i>For >5,000, Deduct</i>	-0.24	
09 22 36 23-0012	SF 2.5 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	3.73	1.10
	<i>For Columns And Beams >10' High, Add</i>	0.37	
	<i>For Paper Backed Lath, Add</i>	0.06	
	<i>For Up To 100, Add</i>	1.22	
	<i>For >100 To 500, Add</i>	0.61	
	<i>For >5,000, Deduct</i>	-0.24	
09 22 36 23-0013	SF 3.4 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	4.65	1.38
	<i>For Columns And Beams >10' High, Add</i>	0.46	
	<i>For Paper Backed Lath, Add</i>	0.06	
	<i>For Up To 100, Add</i>	1.53	
	<i>For >100 To 500, Add</i>	0.76	
	<i>For >5,000, Deduct</i>	-0.31	
09 22 36 23-0014 Self Furring, Flat Diamond, Expanded Metal Lath <small>(09 22 36 23)</small>			
09 22 36 23-0015	SF 1.75 LB/SY, Installed On Solid Wall Surface, Self Furring, Flat Diamond, Expanded Metal Lath	2.54	0.73
	<i>For Walls >10' High, Add</i>	0.20	
	<i>For Paper Backed Lath, Add</i>	0.06	
	<i>For Up To 100, Add</i>	0.82	
	<i>For >100 To 500, Add</i>	0.41	
	<i>For >5,000, Deduct</i>	-0.16	
09 22 36 23-0016	SF 2.0 LB/SY, Installed On Solid Wall Surface, Self Furring, Flat Diamond, Expanded Metal Lath	2.67	0.73
	<i>For Walls >10' High, Add</i>	0.20	
	<i>For Paper Backed Lath, Add</i>	0.06	
	<i>For Up To 100, Add</i>	0.82	
	<i>For >100 To 500, Add</i>	0.41	
	<i>For >5,000, Deduct</i>	-0.16	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 22 36 23-0017	SF	2.5 LB/SY	Installed On Solid Wall Surface, Self Furring, Flat Diamond, Expanded Metal Lath.....	2.79	0.73
			<i>For Walls >10' High, Add</i>	0.20	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.82	
			<i>For >100 To 500, Add</i>	0.41	
			<i>For >5,000, Deduct</i>	-0.16	
09 22 36 23-0018	SF	3.4 LB/SY	Installed On Solid Wall Surface, Self Furring, Flat Diamond, Expanded Metal Lath.....	3.11	0.73
			<i>For Walls >10' High, Add</i>	0.20	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.82	
			<i>For >100 To 500, Add</i>	0.41	
			<i>For >5,000, Deduct</i>	-0.16	
09 22 36 23-0019	SF	1.75 LB/SY	Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath	4.09	1.38
			<i>For Columns And Beams >10' High, Add</i>	0.46	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	1.53	
			<i>For >100 To 500, Add</i>	0.76	
			<i>For >5,000, Deduct</i>	-0.31	
09 22 36 23-0020	SF	2.0 LB/SY	Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath	4.21	1.38
			<i>For Columns And Beams >10' High, Add</i>	0.46	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	1.53	
			<i>For >100 To 500, Add</i>	0.76	
			<i>For >5,000, Deduct</i>	-0.31	
09 22 36 23-0021	SF	2.5 LB/SY	Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath	4.34	1.38
			<i>For Columns And Beams >10' High, Add</i>	0.46	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	1.53	
			<i>For >100 To 500, Add</i>	0.76	
			<i>For >5,000, Deduct</i>	-0.31	
09 22 36 23-0022	SF	3.4 LB/SY	Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath	5.09	1.58
			<i>For Columns And Beams >10' High, Add</i>	0.52	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	1.75	
			<i>For >100 To 500, Add</i>	0.87	
			<i>For >5,000, Deduct</i>	-0.35	

09 22 36 23-0023 High Rib Metal Lath (09 22 36 23)

09 22 36 23-0024	SF	2.75 LB/SY	Installed On Ceiling, 1/8" High Rib Metal Lath	3.00	0.78
			<i>For Ceilings >10' High, Add</i>	0.26	
			<i>For Up To 100, Add</i>	0.87	
			<i>For >100 To 500, Add</i>	0.44	
			<i>For >5,000, Deduct</i>	-0.17	
09 22 36 23-0025	SF	3.4 LB/SY	Installed On Ceiling, 1/8" High Rib Metal Lath	3.18	0.78
			<i>For Ceilings >10' High, Add</i>	0.26	
			<i>For Up To 100, Add</i>	0.87	
			<i>For >100 To 500, Add</i>	0.44	
			<i>For >5,000, Deduct</i>	-0.17	
09 22 36 23-0026	SF	3.4 LB/SY	Installed On Ceiling, 3/8" High Rib Metal Lath.....	3.29	0.78
			<i>For Ceilings >10' High, Add</i>	0.26	
			<i>For Up To 100, Add</i>	0.87	
			<i>For >100 To 500, Add</i>	0.44	
			<i>For >5,000, Deduct</i>	-0.17	
09 22 36 23-0027	SF	4.0 LB/SY	Installed On Ceiling, 3/8" High Rib Metal Lath.....	3.50	0.78
			<i>For Ceilings >10' High, Add</i>	0.26	
			<i>For Up To 100, Add</i>	0.87	
			<i>For >100 To 500, Add</i>	0.44	
			<i>For >5,000, Deduct</i>	-0.17	

09 22 36 33 Fiberglass Lath (09 22 36)

09 22 36 33-0001 Non-Metallic, Fiberglass Lath (09 22 36 33)

09 22 36 33-0002	SF	1/8" Thick	Installed On Ceiling, Non-Metallic, Fiberglass Lath.....	3.29	0.78
			<i>For Ceilings >10' High, Add</i>	0.26	
			<i>For Up To 100, Add</i>	0.87	
			<i>For >100 To 500, Add</i>	0.44	
			<i>For >5,000, Deduct</i>	-0.17	
09 22 36 33-0003	SF	1/4" Thick	Installed On Ceiling, Non-Metallic, Fiberglass Lath.....	3.52	0.78
			<i>For Ceilings >10' High, Add</i>	0.26	
			<i>For Up To 100, Add</i>	0.87	
			<i>For >100 To 500, Add</i>	0.44	
			<i>For >5,000, Deduct</i>	-0.17	
09 22 36 33-0004	SF	1/8" Thick	Installed On Solid Wall Surface, Non-Metallic, Fiberglass Lath	3.18	0.73
			<i>For Walls >10' High, Add</i>	0.20	
			<i>For Up To 100, Add</i>	0.82	
			<i>For >100 To 500, Add</i>	0.41	
			<i>For >5,000, Deduct</i>	-0.16	
09 22 36 33-0005	SF	1/4" Thick	Installed On Solid Wall Surface, Non-Metallic, Fiberglass Lath	3.41	0.73
			<i>For Walls >10' High, Add</i>	0.20	
			<i>For Up To 100, Add</i>	0.82	
			<i>For >100 To 500, Add</i>	0.41	
			<i>For >5,000, Deduct</i>	-0.16	

09 23 Gypsum Plastering (09 20)

09 23 13 Acoustical Gypsum Plastering (09 23)

Note: Excludes lath, furring and studs. See CSI section 09 22 00 00-0000 for metal studs and furring, 09 22 36 00-0000 for

09 Finishes

09 20 Plaster and Gypsum Board

09 23 Gypsum Plastering

MINOR
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TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

lath.			
09 23 13 00-0001	Casing And Corner Beads <small>(09 23 13)</small>		
09 23 13 00-0002	LF Galvanized Expanded Flange Casing Bead For Plaster Applications.....	4.57	1.10
09 23 13 00-0003	LF Zinc Expanded Flange Casing Bead For Plaster Applications.....	4.58	1.10
09 23 13 00-0004	LF Vinyl Expanded Flange Casing Bead For Plaster Applications.....	4.52	1.10
09 23 13 00-0005	LF Galvanized Corner Bead For Plaster Applications.....	4.38	1.10
09 23 13 00-0006	LF Vinyl Corner Bead For Plaster Applications.....	4.27	1.10
09 23 13 00-0007	Trim <small>(09 23 13)</small>		
09 23 13 00-0008	LF Galvanized "J" Trim For Plaster Applications.....	4.72	1.10
	For Vinyl Instead Of Galvanized, Add	0.23	
	For Zinc Instead Of Galvanized, Add	1.56	
09 23 13 00-0009	LF Galvanized "L" Trim For Plaster Applications.....	4.72	1.10
	For Vinyl Instead Of Galvanized, Add	0.23	
	For Zinc Instead Of Galvanized, Add	1.56	
09 23 13 00-0010	LF Galvanized "U" Trim For Plaster Applications.....	4.72	1.10
	For Vinyl Instead Of Galvanized, Add	0.23	
	For Zinc Instead Of Galvanized, Add	1.56	
09 23 13 00-0011	Plaster Forms And Expansion Joints <small>(09 23 13)</small>		
09 23 13 00-0012	LF 3/4" Galvanized Expansion Joint For Plaster Applications.....	5.44	1.10
09 23 13 00-0013	One Skim Coat Gypsum Plaster On Walls <small>(09 23 13)</small>		
09 23 13 00-0014	SF Skim Coat One Coat Gypsum Plaster On Walls.....	1.32	
	For Walls >10' High, Add	0.11	
	For Horizontal Installation Up To 10' High, Add	0.17	
	For Horizontal Installation >10' High, Add	0.34	
	For Columns Or Beams Up To 10' High, Add	0.35	
	For Columns Or Beams >10' High, Add	0.52	
	For Up To 100, Add	0.56	
	For >100 To 500, Add	0.28	
	For >5,000, Deduct	-0.22	
09 23 13 00-0015	SF For Each Additional Coat Over One, Skim Coat Gypsum Plaster On Walls.....	0.96	
	For Walls >10' High, Add	0.08	
	For Horizontal Installation Up To 10' High, Add	0.12	
	For Horizontal Installation >10' High, Add	0.24	
	For Columns Or Beams Up To 10' High, Add	0.25	
	For Columns Or Beams >10' High, Add	0.37	
	For Up To 100, Add	0.41	
	For >100 To 500, Add	0.20	
	For >5,000, Deduct	-0.16	
09 23 13 00-0016	Two Coats Gypsum Plaster On Walls <small>(09 23 13)</small>		
09 23 13 00-0017	SF Smooth Finish Two Coats Gypsum Plaster On Walls.....	6.53	3.75
	For Walls >10' High, Add	0.62	
	For Horizontal Installation Up To 10' High, Add	0.93	
	For Horizontal Installation >10' High, Add	1.85	
	For Columns Or Beams Up To 10' High, Add	1.91	
	For Columns Or Beams >10' High, Add	2.84	
	For Up To 100, Add	3.09	
	For >100 To 500, Add	1.54	
	For >5,000, Deduct	-1.23	
09 23 13 00-0018	SF Sand Aggregate Two Coats Gypsum Plaster On Walls.....	6.70	3.54
	For Walls >10' High, Add	0.58	
	For Horizontal Installation Up To 10' High, Add	0.87	
	For Horizontal Installation >10' High, Add	1.74	
	For Columns Or Beams Up To 10' High, Add	1.79	
	For Columns Or Beams >10' High, Add	2.66	
	For Up To 100, Add	2.90	
	For >100 To 500, Add	1.45	
	For >5,000, Deduct	-1.16	
09 23 13 00-0019	SF Perlite Or Vermiculite Two Coats Gypsum Plaster On Walls.....	6.75	3.54
	For Walls >10' High, Add	0.58	
	For Horizontal Installation Up To 10' High, Add	0.87	
	For Horizontal Installation >10' High, Add	1.74	
	For Columns Or Beams Up To 10' High, Add	1.79	
	For Columns Or Beams >10' High, Add	2.66	
	For Up To 100, Add	2.90	
	For >100 To 500, Add	1.45	
	For >5,000, Deduct	-1.16	
09 23 13 00-0020	Three Coats Gypsum Plaster On Walls <small>(09 23 13)</small>		
09 23 13 00-0021	SF Smooth Finish Three Coats Gypsum Plaster On Walls.....	7.90	4.56
	For Walls >10' High, Add	0.74	
	For Horizontal Installation Up To 10' High, Add	1.11	
	For Horizontal Installation >10' High, Add	2.21	
	For Columns Or Beams Up To 10' High, Add	2.28	
	For Columns Or Beams >10' High, Add	3.39	
	For Up To 100, Add	3.69	
	For >100 To 500, Add	1.84	
	For >5,000, Deduct	-1.47	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 23 13 00-0022	SF			Sand Aggregate Three Coats Gypsum Plaster On Walls	7.91	4.15
				For Walls >10' High, Add	0.68	
				For Horizontal Installation Up To 10' High, Add	1.02	
				For Horizontal Installation >10' High, Add	2.05	
				For Columns Or Beams Up To 10' High, Add	2.12	
				For Columns Or Beams >10' High, Add	3.14	
				For Up To 100, Add	3.42	
				For >100 To 500, Add	1.71	
				For >5,000, Deduct	-1.37	

09 23 13 00-0023	SF			Perlite Or Vermiculite Three Coats Gypsum Plaster On Walls	7.44	4.15
				For Walls >10' High, Add	0.68	
				For Horizontal Installation Up To 10' High, Add	1.02	
				For Horizontal Installation >10' High, Add	2.04	
				For Columns Or Beams Up To 10' High, Add	2.11	
				For Columns Or Beams >10' High, Add	3.13	
				For Up To 100, Add	3.40	
				For >100 To 500, Add	1.70	
				For >5,000, Deduct	-1.36	

09 23 13 00-0024 Plaster Bonding Agent (09 23 13)

09 23 13 00-0025	SF			1 Coat, Brush/Roller Applied Plaster Bonding Agent.....	0.75	
				For Walls >10' High, Add	0.06	
				For Columns Or Beams Up To 10' High, Add	0.18	
				For Columns Or Beams >10' High, Add	0.27	
				For Ceiling Application Up To 10' High, Add	0.08	
				For Ceiling Application >10' High, Add	0.14	

09 24 Cement Plastering (09 20)

09 24 13 Acoustical Cement Plastering (09 24)

09 24 13 00-0001 Keene's Cement Plaster, Quick Setting, White Hard Plaster (09 24 13)

Note: Used for areas with higher than normal moisture.

09 24 13 00-0002	SF			1 Coat Keene's Cement Plaster On Walls	5.19	2.53
				For Walls >10' High, Add	0.41	
				For Horizontal Installation Up To 10' High, Add	0.61	
				For Horizontal Installation >10' High, Add	1.22	
				For Columns Or Beams Up To 10' High, Add	1.26	
				For Columns Or Beams >10' High, Add	1.86	
				For Up To 100, Add	2.03	
				For >100 To 500, Add	1.01	
				For >5,000, Deduct	-0.81	

09 24 13 00-0003	SF			2 Coat Keene's Cement Plaster On Walls	7.84	3.95
				For Walls >10' High, Add	0.64	
				For Horizontal Installation Up To 10' High, Add	0.96	
				For Horizontal Installation >10' High, Add	1.92	
				For Columns Or Beams Up To 10' High, Add	1.99	
				For Columns Or Beams >10' High, Add	2.95	
				For Up To 100, Add	3.21	
				For >100 To 500, Add	1.60	
				For >5,000, Deduct	-1.28	

09 24 13 00-0004	SF			3 Coat Keene's Cement Plaster On Walls	8.87	4.46
				For Walls >10' High, Add	0.73	
				For Horizontal Installation Up To 10' High, Add	1.09	
				For Horizontal Installation >10' High, Add	2.18	
				For Columns Or Beams Up To 10' High, Add	2.25	
				For Columns Or Beams >10' High, Add	3.34	
				For Up To 100, Add	3.63	
				For >100 To 500, Add	1.81	
				For >5,000, Deduct	-1.45	

09 24 23 Cement Stucco (09 24)

Note: Packaged product reinforced with fibers. All plastering excludes lath, furring or studs except as noted. See CSI section 09 22 00 00-0000 for metal studs and furring.

09 24 23 00-0001 Stucco (09 24 23)

Note: Excludes wall scaffolding or lifting equipment. See CSI section 09 22 36 00-0000 for lath.

09 24 23 00-0002	SF			Scratch/Brown/Finish, Three Coat Troweled Stucco	9.85	3.14
				Note: Excludes lath and felt. Interior or exterior, one side.		
				For Walls >10' High, Add	0.86	
				For Horizontal Installation Up To 10' High, Add	1.29	
				For Horizontal Installation >10' High, Add	2.57	
				For Columns Or Beams Up To 10' High, Add	2.66	
				For Columns Or Beams >10' High, Add	3.94	
				For Color Added To Finish Coat, Add	0.15	
				For Smooth Float Finish, Add	1.80	
				For Up To 100, Add	4.29	
				For >100 To 500, Add	2.14	
				For >5,000, Deduct	-1.71	

09 Finishes

09 20 Plaster and Gypsum Board

09 24 Cement Plastering

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 24 23 00-0003	SF	Scratch/Brown, Two Coat Troweled Stucco.....	4.26	1.52
		Note: Excludes lath and felt. Interior or exterior, one side.		
		For Walls >10' High, Add	0.31	
		For Horizontal Installation Up To 10' High, Add	0.47	
		For Horizontal Installation >10' High, Add	0.94	
		For Columns Or Beams Up To 10' High, Add	0.97	
		For Columns Or Beams >10' High, Add	1.44	
		For Up To 100, Add	1.57	
		For >100 To 500, Add	0.79	
		For >5,000, Deduct	-0.63	
09 24 23 00-0004	SF	Scratch/Finish, Two Coat Troweled Stucco	6.50	1.52
		Note: Excludes lath and felt. Interior or exterior, one side.		
		For Walls >10' High, Add	0.56	
		For Horizontal Installation Up To 10' High, Add	0.84	
		For Horizontal Installation >10' High, Add	1.67	
		For Columns Or Beams Up To 10' High, Add	1.73	
		For Columns Or Beams >10' High, Add	2.56	
		For Color Added To Finish Coat, Add	0.15	
		For Smooth Float Finish, Add	1.53	
		For Up To 100, Add	2.79	
		For >100 To 500, Add	1.39	
		For >5,000, Deduct	-1.11	
09 24 23 00-0005	SF	Finish Coat Troweled Stucco	4.21	1.01
		Note: Excludes lath and felt. Interior or exterior, one side.		
		For Walls >10' High, Add	0.41	
		For Horizontal Installation Up To 10' High, Add	0.61	
		For Horizontal Installation >10' High, Add	1.22	
		For Columns Or Beams Up To 10' High, Add	1.26	
		For Columns Or Beams >10' High, Add	1.86	
		For Color Added To Finish Coat, Add	0.15	
		For Smooth Float Finish, Add	1.53	
		For Up To 100, Add	2.03	
		For >100 To 500, Add	1.01	
		For >5,000, Deduct	-0.81	

09 24 33 Cement Parging (09 24)

09 24 33 00-0001		Cement Parging (09 24 33)		
09 24 33 00-0002	SF	1/8" Thick Sand And Cement Parging	3.65	
09 24 33 00-0003	SF	1/4" Thick Sand And Cement Parging	4.67	
09 24 33 00-0004	SF	1/2" Thick Sand And Cement Parging	5.87	

09 28 Backing Boards and Underlayments (09 28)

09 28 13 Cementitious Backing Boards (09 28)

09 28 13 00-0001		Cementitious Backer Units (09 28 13)		
		Note: Installed with mechanical fasteners to floor, wall and ceiling surfaces. Use thin-set from setting methods section for floor installations as applicable.		
09 28 13 00-0002	SF	1/4" Cementitious Backer Units For Installation On Floors	4.05	0.73
		For Up To 50, Add	3.20	
		For >50 To 250, Add	0.58	
		For >1,000, Deduct	-0.29	
		For Installation On Wall, Add	0.58	
		For Installation On Ceiling, Add	1.46	
09 28 13 00-0003	SF	1/2" Cementitious Backer Units For Installation On Floors	4.66	0.88
		For Up To 50, Add	3.78	
		For >50 To 250, Add	0.70	
		For >1,000, Deduct	-0.35	
		For Installation On Wall, Add	0.70	
		For Installation On Ceiling, Add	1.75	
09 28 13 00-0004	SF	5/8" Cementitious Backer Units For Installation On Floors	5.72	1.02
		For Up To 50, Add	4.49	
		For >50 To 250, Add	0.82	
		For >1,000, Deduct	-0.41	
		For Installation On Wall, Add	0.82	
		For Installation On Ceiling, Add	2.04	

09 28 16 Glass-Mat Faced Gypsum Backing Boards (09 28)

09 28 16 00-0001		Glass Mat Faced Backer Units, DensShield (09 28 16)		
		Note: Installed with mechanical fasteners to floor, wall and ceiling surfaces. Use thin-set from setting methods section for floor installations as applicable.		
09 28 16 00-0002	SF	1/2" DensShield Tile Backer For Installation On Floors	3.47	0.82
		For Up To 50, Add	2.44	
		For >50 To 250, Add	0.42	
		For >1,000, Deduct	-0.21	
		For Installation On Wall, Add	0.42	
		For Installation On Ceiling, Add	1.05	
09 28 16 00-0003	SF	5/8" DensShield Tile Backer For Installation On Floors	3.85	0.93
		For Up To 50, Add	2.71	
		For >50 To 250, Add	0.47	
		For >1,000, Deduct	-0.23	
		For Installation On Wall, Add	0.47	
		For Installation On Ceiling, Add	1.17	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 29 Gypsum Board (09 20)

Note: Do not deduct for opens of less than 25 SF when calculating total wall square footage.

09 29 10 Gypsum Board (09 29)

09 29 10 00-0001 Standard Gypsum Board Application (09 29 10)

Note: Includes gypsum board screwed in place on walls, ceilings, beams, columns, soffits, etc.. Excludes finishing. See CSI section 09 01 20 91-0001 for small repairs, 09 29 10 00-0036 for finishing gypsum board, 09 29 10 00-0049 for casing and corner bead.

09 29 10 00-0002 Standard Gypsum Board Application (09 29 10 00-0001)

09 29 10 00-0003	SF 1/4" Gypsum Board.....	1.31	0.46
	<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.22	
	<i>For Adhesive Applied Sheets, Add</i>	0.11	
	<i>Note: Includes bracing until adhesive is bonded</i>		
	<i>For Horizontal Installation Up To 10' High, Add</i>	0.32	
	<i>For Horizontal Installation >10' High, Add</i>	0.47	
	<i>For Walls >10' High, Add</i>	0.07	
	<i>For Up To 128, Add</i>	0.45	
	<i>For >128 To 320, Add</i>	0.27	
	<i>For >1,536, Deduct</i>	-0.10	
09 29 10 00-0004	SF 3/8" Gypsum Board.....	1.43	0.52
	<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.25	
	<i>For Adhesive Applied Sheets, Add</i>	0.11	
	<i>Note: Includes bracing until adhesive is bonded</i>		
	<i>For Foil Back Board, Add</i>	0.10	
	<i>For Horizontal Installation Up To 10' High, Add</i>	0.36	
	<i>For Horizontal Installation >10' High, Add</i>	0.53	
	<i>For Walls >10' High, Add</i>	0.08	
	<i>For Up To 128, Add</i>	0.50	
	<i>For >128 To 320, Add</i>	0.30	
	<i>For >1,536, Deduct</i>	-0.11	
09 29 10 00-0005	SF 1/2" Gypsum Board.....	1.59	0.60
	<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.28	
	<i>For Adhesive Applied Sheets, Add</i>	0.12	
	<i>Note: Includes bracing until adhesive is bonded</i>		
	<i>For Foil Back Board, Add</i>	0.10	
	<i>For Horizontal Installation Up To 10' High, Add</i>	0.41	
	<i>For Horizontal Installation >10' High, Add</i>	0.61	
	<i>For Walls >10' High, Add</i>	0.10	
	<i>For Up To 128, Add</i>	0.56	
	<i>For >128 To 320, Add</i>	0.34	
	<i>For >1,536, Deduct</i>	-0.12	
09 29 10 00-0006	SF 5/8" Gypsum Board.....	1.86	0.69
	<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.32	
	<i>For Adhesive Applied Sheets, Add</i>	0.13	
	<i>Note: Includes bracing until adhesive is bonded</i>		
	<i>For Foil Back Board, Add</i>	0.10	
	<i>For Horizontal Installation Up To 10' High, Add</i>	0.47	
	<i>For Horizontal Installation >10' High, Add</i>	0.70	
	<i>For Walls >10' High, Add</i>	0.11	
	<i>For Up To 128, Add</i>	0.65	
	<i>For >128 To 320, Add</i>	0.39	
	<i>For >1,536, Deduct</i>	-0.14	
09 29 10 00-0007	Fire Rated Gypsum Board Application <small>(09 29 10 00-0001)</small>		
09 29 10 00-0008	Type X, Fire Rated Gypsum Board <small>(09 29 10 00-0007)</small>		
09 29 10 00-0009	SF 5/8" Type X Fire Rated Gypsum Board.....	1.98	0.69
	<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.35	
	<i>For Adhesive Applied Sheets, Add</i>	0.14	
	<i>Note: Includes bracing until adhesive is bonded</i>		
	<i>For Foil Back Board, Add</i>	0.10	
	<i>For Horizontal Installation Up To 10' High, Add</i>	0.52	
	<i>For Horizontal Installation >10' High, Add</i>	0.76	
	<i>For Walls >10' High, Add</i>	0.12	
	<i>For Up To 128, Add</i>	0.70	
	<i>For >128 To 320, Add</i>	0.43	
	<i>For >1,536, Deduct</i>	-0.15	
09 29 10 00-0010	Type C, Fire Rated Gypsum Board <small>(09 29 10 00-0007)</small>		
09 29 10 00-0011	SF 1/2" Type C Fire Rated Gypsum Board.....	1.82	0.60
	<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.31	
	<i>For Adhesive Applied Sheets, Add</i>	0.13	
	<i>Note: Includes bracing until adhesive is bonded</i>		
	<i>For Foil Back Board, Add</i>	0.10	
	<i>For Horizontal Installation Up To 10' High, Add</i>	0.45	
	<i>For Horizontal Installation >10' High, Add</i>	0.67	
	<i>For Walls >10' High, Add</i>	0.11	
	<i>For Up To 128, Add</i>	0.63	
	<i>For >128 To 320, Add</i>	0.38	
	<i>For >1,536, Deduct</i>	-0.14	

09 Finishes

09 20 Plaster and Gypsum Board

09 29 Gypsum Board

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 29 10 00-0012	SF	5/8" Type C Fire Rated Gypsum Board	2.04	0.69
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.35	
		<i>For Adhesive Applied Sheets, Add</i>	0.14	
		<i>Note: Includes bracing until adhesive is bonded</i>		
		<i>For Foil Back Board, Add</i>	0.10	
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.52	
		<i>For Horizontal Installation >10' High, Add</i>	0.76	
		<i>For Walls >10' High, Add</i>	0.12	
		<i>For Up To 128, Add</i>	0.71	
		<i>For >128 To 320, Add</i>	0.43	
		<i>For >1,536, Deduct</i>	-0.15	
09 29 10 00-0013		Fire Rated Gypsum Board (Sheetrock® Ultracode®) (09 29 10 00-0007)		
09 29 10 00-0014	SF	3/4" Fire Rated Gypsum Board (Sheetrock® Ultracode®).....	2.69	0.69
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.36	
		<i>For Adhesive Applied Sheets, Add</i>	0.14	
		<i>Note: Includes bracing until adhesive is bonded</i>		
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.52	
		<i>For Horizontal Installation >10' High, Add</i>	0.76	
		<i>For Walls >10' High, Add</i>	0.12	
		<i>For Up To 128, Add</i>	0.84	
		<i>For >128 To 320, Add</i>	0.50	
		<i>For >1,536, Deduct</i>	-0.25	
09 29 10 00-0015		Moisture Resistant Gypsum Board Application (09 29 10 00-0001)		
		<i>Note: Water-resistant gypsum core.</i>		
09 29 10 00-0016	SF	1/2" Moisture Resistant Gypsum Board	1.72	0.60
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.28	
		<i>For Adhesive Applied Sheets, Add</i>	0.12	
		<i>Note: Includes bracing until adhesive is bonded</i>		
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.41	
		<i>For Horizontal Installation >10' High, Add</i>	0.61	
		<i>For Walls >10' High, Add</i>	0.10	
		<i>For Up To 128, Add</i>	0.59	
		<i>For >128 To 320, Add</i>	0.35	
		<i>For >1,536, Deduct</i>	-0.14	
09 29 10 00-0017	SF	5/8" Moisture Resistant Gypsum Board	2.19	0.60
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.33	
		<i>For Adhesive Applied Sheets, Add</i>	0.13	
		<i>Note: Includes bracing until adhesive is bonded</i>		
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.47	
		<i>For Horizontal Installation >10' High, Add</i>	0.70	
		<i>For Walls >10' High, Add</i>	0.11	
		<i>For Up To 128, Add</i>	0.72	
		<i>For >128 To 320, Add</i>	0.43	
		<i>For >1,536, Deduct</i>	-0.19	
09 29 10 00-0018		Vinyl Faced Gypsum Board Application (09 29 10 00-0001)		
		<i>Note: Includes clips and adhesive.</i>		
09 29 10 00-0019	SF	3/8" Prefinished, Vinyl Faced Gypsum Board	3.11	0.46
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.26	
		<i>For Adhesive Applied Sheets, Add</i>	0.11	
		<i>Note: Includes bracing until adhesive is bonded</i>		
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.36	
		<i>For Horizontal Installation >10' High, Add</i>	0.53	
		<i>For Walls >10' High, Add</i>	0.08	
		<i>For Up To 128, Add</i>	0.83	
		<i>For >128 To 320, Add</i>	0.47	
		<i>For >1,536, Deduct</i>	-0.36	
09 29 10 00-0020	SF	1/2" Prefinished, Vinyl Faced Gypsum Board	3.27	0.60
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.30	
		<i>For Adhesive Applied Sheets, Add</i>	0.12	
		<i>Note: Includes bracing until adhesive is bonded</i>		
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.41	
		<i>For Horizontal Installation >10' High, Add</i>	0.61	
		<i>For Walls >10' High, Add</i>	0.10	
		<i>For Up To 128, Add</i>	0.90	
		<i>For >128 To 320, Add</i>	0.51	
		<i>For >1,536, Deduct</i>	-0.37	
09 29 10 00-0021	SF	5/8" Prefinished, Vinyl Faced Gypsum Board	3.45	0.69
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.34	
		<i>For Adhesive Applied Sheets, Add</i>	0.13	
		<i>Note: Includes bracing until adhesive is bonded</i>		
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.47	
		<i>For Horizontal Installation >10' High, Add</i>	0.70	
		<i>For Walls >10' High, Add</i>	0.11	
		<i>For Up To 128, Add</i>	0.97	
		<i>For >128 To 320, Add</i>	0.55	
		<i>For >1,536, Deduct</i>	-0.38	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 29 10 00-0022	SF			1/2" Fire Rated, Prefinished Vinyl Faced Gypsum Board <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Adhesive Applied Sheets, Add</i> <i>Note: Includes bracing until adhesive is bonded</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation >10' High, Add</i> <i>For Walls >10' High, Add</i> <i>For Up To 128, Add</i> <i>For >128 To 320, Add</i> <i>For >1,536, Deduct</i>	3.75	0.60
					0.33	
					0.13	
					0.45	
					0.67	
					0.11	
					1.02	
					0.57	
					-0.43	
09 29 10 00-0023	SF			5/8" Fire Rated, Prefinished Vinyl Faced Gypsum Board <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Adhesive Applied Sheets, Add</i> <i>Note: Includes bracing until adhesive is bonded</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation >10' High, Add</i> <i>For Walls >10' High, Add</i> <i>For Up To 128, Add</i> <i>For >128 To 320, Add</i> <i>For >1,536, Deduct</i>	5.56	0.69
					0.39	
					0.14	
					0.52	
					0.76	
					0.12	
					1.42	
					0.78	
					-0.68	
09 29 10 00-0024				Moisture And Mold Resistant Gypsum Board Application (09 29 10 00-0001)		
09 29 10 00-0025	SF			1/2", Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Mold-Guard™) <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Adhesive Applied Sheets, Add</i> <i>Note: Includes bracing until adhesive is bonded</i> <i>For Non-reinforced Board, Deduct</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation >10' High, Add</i> <i>For Walls >10' High, Add</i> <i>For Up To 128, Add</i> <i>For >128 To 320, Add</i> <i>For >1,536, Deduct</i>	1.96	0.58
					0.29	
					0.12	
					-0.08	
					0.41	
					0.61	
					0.10	
					0.63	
					0.38	
					-0.17	
09 29 10 00-0026	SF			5/8", Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Mold-Guard™) <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Adhesive Applied Sheets, Add</i> <i>Note: Includes bracing until adhesive is bonded</i> <i>For Non-reinforced Board, Deduct</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation >10' High, Add</i> <i>For Walls >10' High, Add</i> <i>For Up To 128, Add</i> <i>For >128 To 320, Add</i> <i>For >1,536, Deduct</i>	2.31	0.66
					0.33	
					0.13	
					-0.08	
					0.47	
					0.70	
					0.11	
					0.74	
					0.44	
					-0.21	
09 29 10 00-0027	SF			1/2" Fire Rated, Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Fireguard X® Mold-Guard™) <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Adhesive Applied Sheets, Add</i> <i>Note: Includes bracing until adhesive is bonded</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation >10' High, Add</i> <i>For Walls >10' High, Add</i> <i>For Up To 128, Add</i> <i>For >128 To 320, Add</i> <i>For >1,536, Deduct</i>	2.31	0.58
					0.32	
					0.13	
					0.45	
					0.67	
					0.11	
					0.73	
					0.43	
					-0.21	
09 29 10 00-0028	SF			5/8" Fire Rated, Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Fireguard X® Mold-Guard™) <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Adhesive Applied Sheets, Add</i> <i>Note: Includes bracing until adhesive is bonded</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation >10' High, Add</i> <i>For Walls >10' High, Add</i> <i>For Up To 128, Add</i> <i>For >128 To 320, Add</i> <i>For >1,536, Deduct</i>	2.58	0.66
					0.36	
					0.14	
					0.52	
					0.76	
					0.12	
					0.82	
					0.49	
					-0.24	
09 29 10 00-0029				Impact Resistant Gypsum Board (09 29 10 00-0001) <i>Note: Includes tapered edge, mold and moisture resistant, fire-resistant, Type X gypsum core encased in a heavy, abrasion and mold/mildew/moisture resistant</i>		
09 29 10 00-0030	SF			5/8" Fire Rated, Impact Resistant Gypsum Board (National Gypsum Hi-Impact®) <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Adhesive Applied Sheets, Add</i> <i>Note: Includes bracing until adhesive is bonded</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation >10' High, Add</i> <i>For Walls >10' High, Add</i> <i>For Up To 128, Add</i> <i>For >128 To 320, Add</i> <i>For >1,536, Deduct</i>	3.95	0.66
					0.34	
					0.13	
					0.47	
					0.69	
					0.11	
					1.06	
					0.60	
					-0.46	
09 29 10 00-0031				Abuse Resistant Gypsum Board (09 29 10 00-0001) <i>Note: Includes tapered edge, mold and moisture resistant, fire-resistant Type X gypsum core encased in a heavy, abrasion and mold/mildew/moisture resistant</i>		

09 Finishes**09 20 Plaster and Gypsum Board****09 29 Gypsum Board**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 29 10 00-0032	SF	5/8" Fire Rated, Abuse Resistant Gypsum Board (National Gypsum Hi-Abuse®).....	2.36	0.66
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.33	
		<i>For Adhesive Applied Sheets, Add</i>	0.13	
		<i>Note: Includes bracing until adhesive is bonded</i>		
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.47	
		<i>For Horizontal Installation >10' High, Add</i>	0.69	
		<i>For Walls >10' High, Add</i>	0.11	
		<i>For Up To 128, Add</i>	0.75	
		<i>For >128 To 320, Add</i>	0.44	
		<i>For >1,536, Deduct</i>	-0.22	
09 29 10 00-0033		Noise Reducing Gypsum Board (09 29 10 00-0001)		
09 29 10 00-0034	SF	1/2" Noise Reducing Gypsum Board (National Gypsum SoundBreak).....	4.47	0.69
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.35	
		<i>For Adhesive Applied Sheets, Add</i>	0.13	
		<i>Note: Includes bracing until adhesive is bonded</i>		
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.48	
		<i>For Horizontal Installation >10' High, Add</i>	0.70	
		<i>For Walls >10' High, Add</i>	0.11	
		<i>For Up To 128, Add</i>	1.17	
		<i>For >128 To 320, Add</i>	0.66	
		<i>For >1,536, Deduct</i>	-0.53	
09 29 10 00-0035	SF	5/8" Noise Reducing Gypsum Board (National Gypsum SoundBreak).....	5.34	0.69
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.36	
		<i>For Adhesive Applied Sheets, Add</i>	0.13	
		<i>Note: Includes bracing until adhesive is bonded</i>		
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.48	
		<i>For Horizontal Installation >10' High, Add</i>	0.70	
		<i>For Walls >10' High, Add</i>	0.11	
		<i>For Up To 128, Add</i>	1.35	
		<i>For >128 To 320, Add</i>	0.74	
		<i>For >1,536, Deduct</i>	-0.66	
09 29 10 00-0036		Finishing Gypsum Board Applications (09 29 10)		
		<i>Note: Includes flat or curved walls, columns, soffits, recesses, and chases. Tape, spackle, sand and finish gypsum board to the appropriate level as defined by ASTM C 840. No taping or finishing is required for Level 0. For Level 1, tape is set in compound at joints and interior angles. Ridges and tool marks are acceptable. For Level 2, tape is set in compound and wiped with a joint knife leaving a thin coating of compound over joints, interior angles, fastener heads, and beads. Ridges and tool marks are acceptable. Compound applied over the body of the tape at the time of the tape is set satisfies the conditions for this level. For Level 3, tape is set in compound and one additional coat of compound is applied over all joints and interior angles. Fastener heads and accessories receive two separate coats of joint compound. Ridges and tool marks are not acceptable. For Level 4, tape is set in compound and two separate coats of compound are applied over all flat joints with one separate coat of compound applied over interior angles. Fastener heads and accessories receive three separate coats of compound. Ridges and tool marks are not acceptable. A Level 5 finish is a Level 4 finish plus a thin skim coat of compound applied to the entire drywall surface. All levels of finish require that the surface be free of excess compound. A single modifier may be used to change the level of finish to the appropriate level.</i>		
09 29 10 00-0037		Finish Gypsum Board Walls, ASTM C840 Level 4 (09 29 10 00-0036)		
09 29 10 00-0038	SF	Up To 10' High, Walls, Tape, Spackle And Finish Gypsum Board.....	0.82	
		<i>For Up To 128, Add</i>	0.31	
		<i>For >128 To 320, Add</i>	0.19	
		<i>For >5,400, Deduct</i>	-0.08	
		<i>For ASTM C840 Level 1 Finish, Deduct</i>	-0.39	
		<i>For ASTM C840 Level 2 Finish, Deduct</i>	-0.19	
		<i>For ASTM C840 Level 3 Finish, Deduct</i>	-0.08	
		<i>For ASTM C840 Level 5 High Quality Finish, Add</i>	0.60	
		<i>For Spray Applied Textured Or Orange Peel Finish, Add</i>	0.60	
09 29 10 00-0039	SF	>10' High, Walls, Tape, Spackle And Finish Gypsum Board.....	1.09	
		<i>Note: Use this task for the entire wall area when the wall is >10' high.</i>		
		<i>For Up To 128, Add</i>	0.42	
		<i>For >128 To 320, Add</i>	0.26	
		<i>For >5,400, Deduct</i>	-0.11	
		<i>For ASTM C840 Level 1 Finish, Deduct</i>	-0.52	
		<i>For ASTM C840 Level 2 Finish, Deduct</i>	-0.26	
		<i>For ASTM C840 Level 3 Finish, Deduct</i>	-0.11	
		<i>For ASTM C840 Level 5 High Quality Finish, Add</i>	0.81	
		<i>For Spray Applied Textured Or Orange Peel Finish, Add</i>	0.81	
09 29 10 00-0040		Finish Gypsum Board Ceilings, ASTM C840 Level 4 (09 29 10 00-0036)		
09 29 10 00-0041	SF	Up To 10' High, Ceilings, Tape, Spackle And Finish Gypsum Board.....	1.07	
		<i>For Up To 128, Add</i>	0.41	
		<i>For >128 To 320, Add</i>	0.26	
		<i>For >5,400, Deduct</i>	-0.11	
		<i>For ASTM C840 Level 1 Finish, Deduct</i>	-0.51	
		<i>For ASTM C840 Level 2 Finish, Deduct</i>	-0.26	
		<i>For ASTM C840 Level 3 Finish, Deduct</i>	-0.10	
		<i>For ASTM C840 Level 5 High Quality Finish, Add</i>	0.79	
		<i>For Spray Applied Textured Or Orange Peel Finish, Add</i>	0.79	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 29 10 00-0042	SF		>10' High, Ceilings, Tape, Spackle And Finish Gypsum Board Note: Use this task for the entire wall area when the wall is >10' high. For Up To 128, Add For >128 To 320, Add For >5,400, Deduct For ASTM C840 Level 1 Finish, Deduct For ASTM C840 Level 2 Finish, Deduct For ASTM C840 Level 3 Finish, Deduct For ASTM C840 Level 5 High Quality Finish, Add For Spray Applied Textured Or Orange Peel Finish, Add	1.43 0.56 0.35 -0.14 -0.69 -0.35 -0.14 1.06 1.06	
09 29 10 00-0043			Finish Gypsum Board Vertical Corners, ASTM C840 Level 4 (09 29 10 00-0036) Note: Inside or outside gypsum board corners.		
09 29 10 00-0044	LF		Up To 10' High, Vertical Corners, Tape, Spackle And Finish Gypsum Board For ASTM C840 Level 1 Finish, Deduct For ASTM C840 Level 2 Finish, Deduct For ASTM C840 Level 3 Finish, Deduct For ASTM C840 Level 5 High Quality Finish, Add	1.64 -0.76 -0.38 -0.15 1.20	
09 29 10 00-0045	LF		>10' High, Vertical Corners, Tape, Spackle And Finish Gypsum Board Note: Use this task for the entire wall area when the wall is >10' high. For ASTM C840 Level 1 Finish, Deduct For ASTM C840 Level 2 Finish, Deduct For ASTM C840 Level 3 Finish, Deduct For ASTM C840 Level 5 High Quality Finish, Add	1.96 -0.92 -0.46 -0.19 1.44	
09 29 10 00-0046			Finish Gypsum Board Horizontal Corners, ASTM C840 Level 4 (09 29 10 00-0036) Note: Inside or outside gypsum board corners.		
09 29 10 00-0047	LF		Up To 10' High, Horizontal Corners, Tape, Spackle And Finish Gypsum Board For ASTM C840 Level 1 Finish, Deduct For ASTM C840 Level 2 Finish, Deduct For ASTM C840 Level 3 Finish, Deduct For ASTM C840 Level 5 High Quality Finish, Add	1.90 -0.89 -0.45 -0.18 1.40	
09 29 10 00-0048	LF		>10' High, Horizontal Corners, Tape, Spackle And Finish Gypsum Board Note: Use this task for the entire wall area when the wall is >10' high. For ASTM C840 Level 1 Finish, Deduct For ASTM C840 Level 2 Finish, Deduct For ASTM C840 Level 3 Finish, Deduct For ASTM C840 Level 5 High Quality Finish, Add	2.28 -1.08 -0.54 -0.22 1.68	
09 29 10 00-0049			Casing And Corner Beads (09 29 10)		
09 29 10 00-0050	LF		Casing, Galvanized Steel J-Bead For Gypsum Board For Up To 100, Add For >500, Deduct	4.25 0.31 -0.21	1.17
09 29 10 00-0051	LF		Corner Bead, Galvanized Steel For Gypsum Board For Up To 100, Add For >500, Deduct	4.11 0.28 -0.21	1.17
09 29 10 00-0052			Preformed Architectural Profiles (09 29 10)		
09 29 10 00-0053			Trim Reveals For Gypsum Board (09 29 10 00-0052)		
09 29 10 00-0054	LF		1/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	5.90	1.40
09 29 10 00-0055	LF		1/4" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	5.94	1.40
09 29 10 00-0056	LF		3/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.13	1.40
09 29 10 00-0057	LF		1/2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.23	1.40
09 29 10 00-0058	LF		5/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.47	1.40
09 29 10 00-0059	LF		3/4" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.71	1.40
09 29 10 00-0060	LF		1" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.94	1.40
09 29 10 00-0061	LF		1-1/2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	7.71	1.40
09 29 10 00-0062	LF		2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	8.47	1.40
09 29 10 00-0063	LF		1/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.03	1.52
09 29 10 00-0064	LF		1/4" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.03	1.52
09 29 10 00-0065	LF		3/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.56	1.52
09 29 10 00-0066	LF		1/2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.65	1.52
09 29 10 00-0067	LF		5/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.98	1.52
09 29 10 00-0068	LF		3/4" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	7.13	1.52
09 29 10 00-0069	LF		1" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	7.32	1.52
09 29 10 00-0070	LF		1 1/2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	8.17	1.52
09 29 10 00-0071	LF		2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	9.03	1.52
09 29 10 00-0072	LF		3" x 5/8", Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	12.45	1.74
09 29 10 00-0073	LF		4" x 5/8", Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	13.88	1.74
09 29 10 00-0074			Edge Trim For Gypsum Board (09 29 10 00-0052)		
09 29 10 00-0075	LF		1/2" Aluminum Extrusions, Edge Trim For Gypsum Board	5.39	1.45
09 29 10 00-0076	LF		5/8" Aluminum Extrusions, Edge Trim For Gypsum Board	5.77	1.45
09 29 10 00-0077	LF		1" Aluminum Extrusions, Edge Trim For Gypsum Board	6.76	1.61
09 29 10 00-0078	LF		1-1/4" Aluminum Extrusions, Edge Trim For Gypsum Board	7.09	1.74
09 29 10 00-0079	LF		1/2" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	10.15	1.45
09 29 10 00-0080	LF		5/8" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	10.53	1.45
09 29 10 00-0081	LF		1" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	11.52	1.61
09 29 10 00-0082	LF		1-1/4" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	11.85	1.74

09 Finishes

09 20 Plaster and Gypsum Board

09 29 Gypsum Board

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 29 10 00-0083		Bevel Trim For Gypsum Board (09 29 10 00-0052)		
09 29 10 00-0084	LF	5/16" x 1/4" Aluminum Extrusions, Bevel Trim For Gypsum Board.....	5.77	1.45
09 29 10 00-0085	LF	5/8" x 5/8" Aluminum Extrusions, Bevel Trim For Gypsum Board.....	6.61	1.61
09 29 10 00-0086		Trim/Wainscot Caps For Gypsum Board (09 29 10 00-0052)		
09 29 10 00-0087	LF	1-1/2" Wide Aluminum Extrusions, Trim/Wainscot Cap For Gypsum Board.....	7.90	1.74
09 29 10 00-0088		Single Fin Wall/Trim Reveals For Gypsum Board (09 29 10 00-0052)		
09 29 10 00-0089	LF	1/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	5.68	0.93
09 29 10 00-0090	LF	1/4" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	5.74	1.05
09 29 10 00-0091	LF	3/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	6.62	1.17
09 29 10 00-0092	LF	1/2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	7.03	1.28
09 29 10 00-0093	LF	5/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	7.42	1.40
09 29 10 00-0094	LF	3/4" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	7.56	1.40
09 29 10 00-0095	LF	1" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	7.99	1.40
09 29 10 00-0096	LF	1-1/2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	8.80	1.40
09 29 10 00-0097	LF	2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	9.09	1.40
09 29 10 00-0098	LF	1/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	6.98	1.52
09 29 10 00-0099	LF	1/4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	7.08	1.52
09 29 10 00-0100	LF	3/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	7.60	1.52
09 29 10 00-0101	LF	1/2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	7.84	1.52
09 29 10 00-0102	LF	5/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	8.03	1.52
09 29 10 00-0103	LF	3/4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	8.27	1.52
09 29 10 00-0104	LF	1" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	8.60	1.52
09 29 10 00-0105	LF	1-1/2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	9.46	1.52
09 29 10 00-0106	LF	2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	10.18	1.52
09 29 10 00-0107	LF	3" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	12.46	1.52
09 29 10 00-0108	LF	4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	16.85	1.52
09 29 10 00-0109	LF	3-1/16" x 7/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board.....	11.60	1.52
09 29 10 00-0110	LF	3-1/16" x 9/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board.....	11.99	1.52
09 29 10 00-0111	LF	4-1/16" x 7/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board.....	13.27	1.52
09 29 10 00-0112	LF	4-1/16" x 9/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board.....	13.42	1.52
09 29 10 00-0113	LF	9/16" Tall with 1/2" Reveal, Aluminum Extrusions, Single Fin Wall Base With Reveal For Gypsum Board.....	15.27	1.52
09 29 10 00-0114	LF	5/8" Aluminum Extrusions, Single Fin Wall/Trim Reveal Hanging Track For Gypsum Board.....	12.51	1.52
09 29 10 00-0115		'V' Groove Wall Reveals For Gypsum Board (09 29 10 00-0052)		
09 29 10 00-0116	LF	1/4" x 5/8" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board.....	8.69	2.09
09 29 10 00-0117	LF	3/4" x 1/2" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board.....	9.95	2.33
09 29 10 00-0118	LF	1" x 1/2" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board.....	11.32	2.79
09 29 10 00-0119	LF	9/32" x 5/8" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board.....	11.49	3.03
09 29 10 00-0120		Double Fin Wall Reveals For Gypsum Board (09 29 10 00-0052)		
09 29 10 00-0121	LF	3/8" x 3/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	8.18	1.40
09 29 10 00-0122	LF	1/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	8.28	1.40
09 29 10 00-0123	LF	1/4" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	8.37	1.40
09 29 10 00-0124	LF	3/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	8.37	1.40
09 29 10 00-0125	LF	1/2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	8.80	1.40
09 29 10 00-0126	LF	5/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	8.99	1.38
09 29 10 00-0127	LF	3/4" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	9.18	1.40
09 29 10 00-0128	LF	1" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	9.61	1.40
09 29 10 00-0129	LF	1-1/2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	10.33	1.40
09 29 10 00-0130	LF	2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	11.09	1.40
09 29 10 00-0131	LF	3/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	8.65	1.52
09 29 10 00-0132	LF	1/4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	8.75	1.52
09 29 10 00-0133	LF	3/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	8.94	1.52
09 29 10 00-0134	LF	1/2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	9.37	1.52
09 29 10 00-0135	LF	5/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	9.56	1.52
09 29 10 00-0136	LF	3/4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	9.70	1.52
09 29 10 00-0137	LF	1" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	10.18	1.52
09 29 10 00-0138	LF	1-1/2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	10.94	1.52
09 29 10 00-0139	LF	2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	11.70	1.52
09 29 10 00-0140	LF	3" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	13.75	1.52
09 29 10 00-0141	LF	4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	18.04	1.52
09 29 10 00-0142	LF	1-1/2" x 1" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	16.16	1.65
09 29 10 00-0143	LF	3/4" x 1 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	18.38	2.02
09 29 10 00-0144	LF	1-1/2" x 1-1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	19.00	2.02
09 29 10 00-0145	LF	1/2", Aluminum Extrusions, Double Fin Hanging Track Wall Reveal For Gypsum Board.....	14.71	1.38
09 29 10 00-0146	LF	1 3/16", Aluminum Extrusions, Double Fin Hanging Track Wall Reveal For Gypsum Board.....	13.57	2.02
09 29 10 00-0147	LF	1/4" Aluminum Extrusions, Double Fin Wall Covering Joinder For Gypsum Board.....	9.76	1.38
09 29 10 00-0148		Special Conditions Reveals For Gypsum Board (09 29 10 00-0052)		
09 29 10 00-0149		Radius Conditions (09 29 10 00-0148)		
09 29 10 00-0150	EA	8' Long Inside Radius For Gypsum Board..... Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.	119.10	
09 29 10 00-0151	EA	8' Long Outside Radius For Gypsum Board..... Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.	119.10	
09 29 10 00-0152	EA	8' Long Circular / Arched Radius For Gypsum Board..... Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.	119.10	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 29 10 00-0153 Knee Brace Kit (09 29 10 00-0148)						
09 29 10 00-0154	EA			46" H, Aluminum Extrusions, Knee Brace Kit For Gypsum Board	257.74	14.54
09 29 10 00-0155 Wall Bumper Rail (09 29 10 00-0148)						
09 29 10 00-0156	LF			2-1/2" x 5/8", Aluminum Extrusions, Wall Bumper Rail For Gypsum Board	35.45	5.82
09 29 10 00-0157 Corners For Gypsum Board (09 29 10 00-0052)						
09 29 10 00-0158	LF			1/2"R, Aluminum Extrusions, Outside Corner For Gypsum Board	7.56	1.40
09 29 10 00-0159	LF			5/8"R, Aluminum Extrusions, Outside Corner For Gypsum Board	8.08	1.52
09 29 10 00-0160	LF			3/4"R, Aluminum Extrusions, Outside Corner For Gypsum Board	8.97	1.58
09 29 10 00-0161	LF			1"R, Aluminum Extrusions, Outside Corner For Gypsum Board	10.02	1.65
09 29 10 00-0162	LF			1-1/2" R, Aluminum Extrusions, Outside Corner For Gypsum Board	12.14	2.02
09 29 10 00-0163	LF			2" R, Aluminum Extrusions, Outside Corner For Gypsum Board	14.08	2.27
09 29 10 00-0164	LF			2-1/2" R, Aluminum Extrusions, Outside Corner For Gypsum Board	17.10	2.60
09 29 10 00-0165	LF			3" R, Aluminum Extrusions, Outside Corner For Gypsum Board	20.78	3.03
09 29 10 00-0166	LF			4" R, Aluminum Extrusions, Outside Corner For Gypsum Board	28.56	4.04
09 29 10 00-0167	LF			90 Degree 3/8" Aluminum Extrusions, Hi-Strength Corner For Gypsum Board	7.56	1.35
09 29 10 00-0168	LF			90 Degree 1-1/4" Aluminum Extrusions, Hi-Strength Corner For Gypsum Board	13.92	1.82
09 29 10 00-0169	LF			90 Degree 1-1/4" Aluminum Extrusions, Fabric Tuck Corner For Gypsum Board	9.97	1.82
09 29 10 00-0170	LF			90 Degree 1-1/4" Aluminum Extrusions, Corner With Vertical Reveal For Gypsum Board	18.11	1.82
09 29 10 00-0171	LF			45 Degree 2" Aluminum Extrusions, Corner For Gypsum Board	25.80	2.27
09 29 10 00-0172	LF			60 Degree 2" Aluminum Extrusions, Corner For Gypsum Board	24.75	2.27
09 29 10 00-0173	LF			3/4" Aluminum Extrusions, Chamfered Corner For Gypsum Board	7.40	1.58
09 29 10 00-0174	LF			5/8" R, Aluminum Extrusions, Corners Return For Gypsum Board	7.46	1.52
09 29 10 00-0175	LF			1/2" x 1/2" Aluminum Extrusions, Double Corner Step For Gypsum Board	7.52	1.40
09 29 10 00-0176	LF			5/8" x 5/8" Aluminum Extrusions, Double Corner Step For Gypsum Board	7.89	1.52
09 29 10 00-0177	LF			1" x 1" Aluminum Extrusions, Double Corner Step For Gypsum Board	10.64	1.65
09 29 10 00-0178	LF			1/2" x 1/2" Aluminum Extrusions, Triple Corner Step For Gypsum Board	9.37	1.40
09 29 10 00-0179	LF			5/8" x 5/8" Aluminum Extrusions, Triple Corner Step For Gypsum Board	9.89	1.52
09 29 10 00-0180	LF			1" x 1" Aluminum Extrusions, Triple Corner Step For Gypsum Board	14.54	1.65
09 29 10 00-0181	LF			1/3" x 1/2" Aluminum Extrusions, Quad Corner Step For Gypsum Board	16.04	1.40
09 29 10 00-0182	LF			3" Aluminum Extrusions, Bullnose For Gypsum Board	27.50	3.03
09 29 10 00-0183	LF			3-7/8" Aluminum Extrusions, Bullnose For Gypsum Board	29.40	3.03
09 29 10 00-0184	LF			5-3/8", Aluminum Extrusions, Bullnose For Gypsum Board	54.49	5.05
09 29 10 00-0185	LF			7-3/8", Aluminum Extrusions, Bullnose For Gypsum Board	90.53	7.15
09 29 10 00-0186	LF			3/4" R, Aluminum Extrusions, Inside Corner For Gypsum Board	9.02	1.56
09 29 10 00-0187	LF			1" R, Aluminum Extrusions, Inside Corner For Gypsum Board	10.30	1.63
09 29 10 00-0188	LF			1-1/2" R, Aluminum Extrusions, Inside Corner For Gypsum Board	12.38	1.99
09 29 10 00-0189	LF			2"R, Aluminum Extrusions, Inside Corner For Gypsum Board	15.22	2.24
09 29 10 00-0190	LF			2-1/2" R, Aluminum Extrusions, Inside Corner For Gypsum Board	21.63	2.56
09 29 10 00-0191	LF			3"R, Aluminum Extrusions, Inside Corner For Gypsum Board	23.35	2.99
09 29 10 00-0192	LF			4" R, Aluminum Extrusions, Inside Corner For Gypsum Board	26.47	3.98
09 29 10 00-0193	LF			3-5/8", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	16.78	2.99
09 29 10 00-0194	LF			3-7/8", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	17.02	2.99
09 29 10 00-0195	LF			4-3/4", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	18.54	2.99
09 29 10 00-0196	LF			5", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	19.02	2.99

09 29 82 Gypsum Board Fire Protection (09 29)

09 29 82 00-0001 Shaft Wall (09 29 82)						
See CSI section 09 29 10 00-0036 for finishing drywall.						
09 29 82 00-0002	SF			3/4" Fire Rated Shaft Wall Assembly	7.30	2.91
Note: 1/4" thick fiber-cement board with tapered edges over 1/2" thick type "X" gypsum board. Excludes studs or wall structure.						
					1.98	
<i>For Horizontal Installation Up To 10' High, Add</i>					2.91	
<i>For Horizontal Installation >10' High, Add</i>					0.47	
<i>For Walls >10' High, Add</i>					2.62	
<i>For Up To 128, Add</i>					1.60	
<i>For >128 To 320, Add</i>					-0.51	
<i>For >1,536, Deduct</i>						
09 29 82 00-0003	SF			7/8" Fire Rated Shaft Wall Assembly	8.50	3.49
Note: 1/4" thick fiber-cement board with tapered edges over 5/8" thick type "X" gypsum board. Excludes studs or wall structure.						
					2.38	
<i>For Horizontal Installation Up To 10' High, Add</i>					3.50	
<i>For Horizontal Installation >10' High, Add</i>					0.56	
<i>For Walls >10' High, Add</i>					3.10	
<i>For Up To 128, Add</i>					1.90	
<i>For >128 To 320, Add</i>					-0.58	
<i>For >1,536, Deduct</i>						
09 29 82 00-0004	SF			2-1/2", 25 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly	7.20	2.24
Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.						
					1.52	
<i>For Horizontal Installation Up To 10' High, Add</i>					2.24	
<i>For Horizontal Installation >10' High, Add</i>					0.36	
<i>For Walls >10' High, Add</i>					2.34	
<i>For Up To 128, Add</i>					1.39	
<i>For >128 To 320, Add</i>					0.27	
<i>For Glass Mat Surfaces, Add</i>						

09 Finishes

09 20 Plaster and Gypsum Board

09 29 Gypsum Board

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 29 82 00-0005	SF	4", 25 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly	7.71	2.36
		Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.		
		For Horizontal Installation Up To 10' High, Add	1.60	
		For Horizontal Installation >10' High, Add	2.35	
		For Walls >10' High, Add	0.38	
		For Up To 128, Add	2.48	
		For >128 To 320, Add	1.48	
		For Glass Mat Surfaces, Add	0.27	
09 29 82 00-0006	SF	2-1/2", 20 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly	8.49	2.36
		Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.		
		For Horizontal Installation Up To 10' High, Add	1.60	
		For Horizontal Installation >10' High, Add	2.35	
		For Walls >10' High, Add	0.38	
		For Up To 128, Add	2.64	
		For >128 To 320, Add	1.55	
		For Glass Mat Surfaces, Add	0.27	
09 29 82 00-0007	SF	4", 20 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly	9.03	2.47
		Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.		
		For Horizontal Installation Up To 10' High, Add	1.68	
		For Horizontal Installation >10' High, Add	2.47	
		For Walls >10' High, Add	0.39	
		For Up To 128, Add	2.79	
		For >128 To 320, Add	1.64	
		For Glass Mat Surfaces, Add	0.27	

09 30 Tiling⁽⁰⁹⁾

Note: All tiles are standard commercial grade ANSI 137.1 or higher, mounted and unmounted, cushioned or non-cushioned edge, all tile colors, all grout colors, PEI rating 1 through 4, and include patterns. Glazing shall meet ASTM C484 and C424. Mounted tiles are assembled into sheets to facilitate handling and installation. Perforated paper, fiber mesh, or other suitable bonding material applied to the front, backs or edges of the tile can be used to mount the tiles. Cushioned edge tile has facial edges with a distinct curvature that results in a slightly recessed joint. All floor, wall, ceiling, cove base and trim tile will be installed in accordance with ANSI 108.1 using these setting methods.

09 30 13 Ceramic Tiling^(09 30)

Note: Includes grout and sealing. Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.

09 30 13 00-0001 Ceramic Tiling^(09 30 13)

09 30 13 00-0002	SF	2" x 2" x 1/4" Thick, Mounted, Unpolished Ceramic Floor Tile	16.75	3.16
		Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets.		
		For Up To 50, Add	8.91	
		For >50 To 250, Add	1.26	
		For >1,000, Deduct	-0.63	
		For High-Modulus, High-Strength Epoxy Grout, Add	1.36	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	1.53	
09 30 13 00-0003	SF	Less Than 8" x 8", Mounted, Ceramic Floor Tile	12.40	3.16
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.		
		For Up To 50, Add	7.83	
		For >50 To 250, Add	1.26	
		For >1,000, Deduct	-0.63	
		For High-Modulus, High-Strength Epoxy Grout, Add	1.36	
		For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	1.53	
09 30 13 00-0004	SF	8" x 8" And Larger Unmounted Ceramic Floor Tile	13.98	1.97
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.		
		For Up To 50, Add	9.41	
		For >50 To 250, Add	1.58	
		For >1,000, Deduct	-0.79	
		For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
		For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	1.76	
09 30 13 00-0005	SF	2" x 2" x 1/4" Thick, Mounted, Unpolished Ceramic Wall Tile	18.10	3.82
		Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets.		
		For Up To 50, Add	10.26	
		For >50 To 250, Add	1.53	
		For >1,000, Deduct	-0.77	
		For High-Modulus, High-Strength Epoxy Grout, Add	1.56	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	1.73	
09 30 13 00-0006	SF	Less Than 8" x 8" Mounted Ceramic Wall Tile	13.75	3.82
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.		
		For Up To 50, Add	9.18	
		For >50 To 250, Add	1.53	
		For >1,000, Deduct	-0.77	
		For High-Modulus, High-Strength Epoxy Grout, Add	1.56	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	1.73	
09 30 13 00-0007	SF	8" x 8" And Larger Unmounted Ceramic Wall Tile	15.77	2.42
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.		
		For Up To 50, Add	11.20	
		For >50 To 250, Add	1.93	
		For >1,000, Deduct	-0.97	
		For High-Modulus, High-Strength Epoxy Grout, Add	1.86	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	2.03	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 13 00-0008	SF		Less than 8" x 8" Mounted Ceramic Ceiling Tile..... Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets. <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i> <i>For Up To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >1,000, Deduct</i>	19.35 2.40 2.57 14.78 2.65 -1.33	6.63
09 30 13 00-0009	SF		8" x 8" And Larger Unmounted Ceramic Ceiling Tile Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i> <i>For Up To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >1,000, Deduct</i>	22.01 2.80 2.97 17.44 3.18 -1.59	3.97
09 30 13 00-0010	LF		4-1/4" To 4-1/2" High, Ceramic Cove Base Or Trim Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	12.55 1.86 1.95	2.76
09 30 13 00-0011	LF		6" High x 12" Long, Unpolished Ceramic Cove Base (Daltile Portfolio) <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	20.29 1.86 1.95	2.76
09 30 13 00-0012	LF		6" High x 24" Long, Unpolished Ceramic Cove Base (Daltile Portfolio) <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	22.81 1.86 1.95	2.76
09 30 13 00-0013	EA		6" High, Unpolished Ceramic Cove Base Outer Corner.....	17.95	0.60
09 30 13 00-0014			Residential Ceramic Tiling (09 30 13)		
09 30 13 00-0015	SF		2" x 2" x 1/4" Thick, Unpolished Ceramic Mounted Floor Tile, Residential Grade Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets. <i>For Up To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >1,000, Deduct</i> <i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	11.86 7.69 1.26 -0.63 1.36	3.16
09 30 16			Quarry Tiling (09 30)		
			Note: Includes grout and sealing. Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.		
09 30 16 00-0001	SF		Unglazed Quarry Floor Tile..... Note: With or without embedded abrasive grit. <i>For Up To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >1,000, Deduct</i> <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	12.80 9.82 1.77 -0.88 1.73 1.90	2.22
09 30 16 00-0002	SF		Glazed Quarry Floor Tile <i>For Up To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >1,000, Deduct</i> <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	25.32 12.95 1.77 -0.88 1.73 1.90	2.22
09 30 16 00-0003	SF		Unglazed Quarry Wall Tile Note: With or without embedded abrasive grit. <i>For Up To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >1,000, Deduct</i> <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	14.57 11.59 2.12 -1.06 2.00 2.17	2.62
09 30 16 00-0004	SF		Glazed Quarry Wall Tile..... <i>For Up To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >1,000, Deduct</i> <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	27.09 14.72 2.12 -1.06 2.00 2.17	2.62
09 30 16 00-0005	LF		6" High Unglazed Quarry Tile Cove Base Or Trim..... <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	17.94 1.95 2.04	2.92
09 30 16 00-0006	LF		6" High Glazed Quarry Tile Cove Base Or Trim <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	38.46 1.95 2.04	2.92
09 30 33			Stone Tiling (09 30)		
			Note: Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.		
09 30 33 00-0001			Marble Floor Tile (09 30 33)		
09 30 33 00-0002	SF		12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Cherry Blossom" <i>For Up To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >1,000, Deduct</i> <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	12.04 8.92 1.58 -0.79 1.59 1.00	1.97
09 30 33 00-0003	SF		12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Laurent Brown"..... <i>For Up To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >1,000, Deduct</i> <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	12.43 9.02 1.58 -0.79 1.59 1.00	1.97

09 Finishes

09 30 Tiling

09 30 33 Stone Tiling

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 30 33 00-0004	SF 12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Temple Gray"	12.63	1.97
	For Up To 50, Add	9.07	
	For >50 To 250, Add	1.58	
	For >1,000, Deduct	-0.79	
	For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
	For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0005	SF 12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Emperador Cafe"	12.72	1.97
	For Up To 50, Add	9.09	
	For >50 To 250, Add	1.58	
	For >1,000, Deduct	-0.79	
	For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
	For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0006	SF 12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "China Black"	12.78	1.97
	For Up To 50, Add	9.11	
	For >50 To 250, Add	1.58	
	For >1,000, Deduct	-0.79	
	For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
	For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0007	SF 12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Sea Grass Honed"	12.87	1.97
	For Up To 50, Add	9.13	
	For >50 To 250, Add	1.58	
	For >1,000, Deduct	-0.79	
	For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
	For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0008	SF 12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Gris Magma or Gris Nebula"	13.08	1.97
	For Up To 50, Add	9.18	
	For >50 To 250, Add	1.58	
	For >1,000, Deduct	-0.79	
	For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
	For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0009	SF 12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Dark Green"	14.43	1.97
	For Up To 50, Add	9.52	
	For >50 To 250, Add	1.58	
	For >1,000, Deduct	-0.79	
	For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
	For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0010	SF 12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Cappuccino Light"	14.58	1.97
	For Up To 50, Add	9.56	
	For >50 To 250, Add	1.58	
	For >1,000, Deduct	-0.79	
	For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
	For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0011	SF 12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Botticino Cream"	14.86	1.97
	For Up To 50, Add	9.63	
	For >50 To 250, Add	1.58	
	For >1,000, Deduct	-0.79	
	For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
	For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0012	SF 12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Crema Marfil Classic"	15.17	1.97
	For Up To 50, Add	9.70	
	For >50 To 250, Add	1.58	
	For >1,000, Deduct	-0.79	
	For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
	For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0013	SF 12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Arabescato Carrara"	15.40	1.97
	For Up To 50, Add	9.76	
	For >50 To 250, Add	1.58	
	For >1,000, Deduct	-0.79	
	For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
	For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0014	SF 12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Giallo Crystal Onyx"	16.14	1.97
	For Up To 50, Add	9.95	
	For >50 To 250, Add	1.58	
	For >1,000, Deduct	-0.79	
	For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
	For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0015	SF 12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Cafe Forest or Rain Forest"	17.53	1.97
	For Up To 50, Add	10.29	
	For >50 To 250, Add	1.58	
	For >1,000, Deduct	-0.79	
	For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
	For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0016	SF 12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Arabescato"	17.62	1.97
	For Up To 50, Add	10.32	
	For >50 To 250, Add	1.58	
	For >1,000, Deduct	-0.79	
	For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
	For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0017	SF 12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Carrara White"	18.66	1.97
	For Up To 50, Add	10.58	
	For >50 To 250, Add	1.58	
	For >1,000, Deduct	-0.79	
	For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
	For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0018	SF 12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Crema Marfil Select Or Sahara Gold"	19.02	1.97
	For Up To 50, Add	10.67	
	For >50 To 250, Add	1.58	
	For >1,000, Deduct	-0.79	
	For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
	For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0019	SF	12" x 12" x 3/8"	And Larger Unmounted Marble Floor Tile, "Botticino Fiorito Or Michelangelo"	19.17	1.97
			For Up To 50, Add	10.70	
			For >50 To 250, Add	1.58	
			For >1,000, Deduct	-0.79	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0020	SF	12" x 12" x 3/8"	And Larger Unmounted Marble Floor Tile, "Crema Marfil Antique"	19.41	1.97
			For Up To 50, Add	10.76	
			For >50 To 250, Add	1.58	
			For >1,000, Deduct	-0.79	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0021	SF	12" x 12" x 3/8"	And Larger Unmounted Marble Floor Tile, "Emperador Dark Or Super Thassos Glass".....	21.34	1.97
			For Up To 50, Add	11.25	
			For >50 To 250, Add	1.58	
			For >1,000, Deduct	-0.79	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0022	SF	12" x 12" x 3/8"	And Larger Unmounted Marble Floor Tile, "Rosa Verona"	22.44	1.97
			For Up To 50, Add	11.52	
			For >50 To 250, Add	1.58	
			For >1,000, Deduct	-0.79	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0023	SF	12" x 12" x 3/8"	And Larger Unmounted Marble Floor Tile, "Rojo Alicante"	22.73	1.97
			For Up To 50, Add	11.59	
			For >50 To 250, Add	1.58	
			For >1,000, Deduct	-0.79	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0024	SF	12" x 12" x 3/8"	And Larger Unmounted Marble Floor Tile, "Emperador Light"	22.88	1.97
			For Up To 50, Add	11.63	
			For >50 To 250, Add	1.58	
			For >1,000, Deduct	-0.79	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0025	Granite Floor Tile <small>(09 30 33)</small>				
09 30 33 00-0026	SF	12" x 12" x 3/8"	And Larger Unmounted Granite Floor Tile, "Crystal Gray"	11.00	1.97
			For Up To 50, Add	8.66	
			For >50 To 250, Add	1.58	
			For >1,000, Deduct	-0.79	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0027	SF	12" x 12" x 3/8"	And Larger Unmounted Granite Floor Tile, "Peach Flower"	11.74	1.97
			For Up To 50, Add	8.85	
			For >50 To 250, Add	1.58	
			For >1,000, Deduct	-0.79	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0028	SF	12" x 12" x 3/8"	And Larger Unmounted Granite Floor Tile, "Golden Yellow"	12.34	1.97
			For Up To 50, Add	9.00	
			For >50 To 250, Add	1.58	
			For >1,000, Deduct	-0.79	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0029	SF	12" x 12" x 3/8"	And Larger Unmounted Granite Floor Tile, "Absolute Black"	14.71	1.97
			For Up To 50, Add	9.59	
			For >50 To 250, Add	1.58	
			For >1,000, Deduct	-0.79	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0030	SF	12" x 12" x 3/8"	And Larger Unmounted Granite Floor Tile, "Tan Brown"	15.17	1.97
			For Up To 50, Add	9.70	
			For >50 To 250, Add	1.58	
			For >1,000, Deduct	-0.79	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0031	SF	12" x 12" x 3/8"	And Larger Unmounted Granite Floor Tile, "Black Galaxy"	15.60	1.97
			For Up To 50, Add	9.81	
			For >50 To 250, Add	1.58	
			For >1,000, Deduct	-0.79	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0032	SF	12" x 12" x 3/8"	And Larger Unmounted Granite Floor Tile, "Kashmir White Or Gold"	16.05	1.97
			For Up To 50, Add	9.92	
			For >50 To 250, Add	1.58	
			For >1,000, Deduct	-0.79	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0033	SF	12" x 12" x 3/8"	And Larger Unmounted Granite Floor Tile, "Giallo Santa Cecilia".....	16.58	1.97
			For Up To 50, Add	10.06	
			For >50 To 250, Add	1.58	
			For >1,000, Deduct	-0.79	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	

09 Finishes

09 30 Tiling

09 30 33 Stone Tiling

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 30 33 00-0034	SF 12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Verde UbaTuba".....	17.09	1.97
	<i>For Up To 50, Add</i>	10.18	
	<i>For >50 To 250, Add</i>	1.58	
	<i>For >1,000, Deduct</i>	-0.79	
	<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.59	
	<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0035	SF 12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "New Venetian Gold".....	17.62	1.97
	<i>For Up To 50, Add</i>	10.32	
	<i>For >50 To 250, Add</i>	1.58	
	<i>For >1,000, Deduct</i>	-0.79	
	<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.59	
	<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0036	SF 12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Tropic Brown".....	18.13	1.97
	<i>For Up To 50, Add</i>	10.44	
	<i>For >50 To 250, Add</i>	1.58	
	<i>For >1,000, Deduct</i>	-0.79	
	<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.59	
	<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0037	SF 12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Baltic Brown Or Indian Dakota".....	18.72	1.97
	<i>For Up To 50, Add</i>	10.59	
	<i>For >50 To 250, Add</i>	1.58	
	<i>For >1,000, Deduct</i>	-0.79	
	<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.59	
	<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0038	SF 12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Dynamic Blue".....	19.32	1.97
	<i>For Up To 50, Add</i>	10.74	
	<i>For >50 To 250, Add</i>	1.58	
	<i>For >1,000, Deduct</i>	-0.79	
	<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.59	
	<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0039	SF 12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Blue Pearl Or Emerald Pearl".....	21.40	1.97
	<i>For Up To 50, Add</i>	11.26	
	<i>For >50 To 250, Add</i>	1.58	
	<i>For >1,000, Deduct</i>	-0.79	
	<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.59	
	<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0040	Slate Floor Tile (09 30 33)		
09 30 33 00-0041	SF 12" x 12" And Larger Unmounted Slate Floor Tile, "Raja Classic".....	10.11	1.97
	<i>For Up To 50, Add</i>	8.44	
	<i>For >50 To 250, Add</i>	1.58	
	<i>For >1,000, Deduct</i>	-0.79	
	<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.59	
	<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0042	SF 12" x 12" And Larger Unmounted Slate Floor Tile, "Rustic Gold".....	10.49	1.97
	<i>For Up To 50, Add</i>	8.53	
	<i>For >50 To 250, Add</i>	1.58	
	<i>For >1,000, Deduct</i>	-0.79	
	<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.59	
	<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0043	SF 12" x 12" And Larger Unmounted Slate Floor Tile, "California Gold Or Black Rust".....	10.70	1.97
	<i>For Up To 50, Add</i>	8.59	
	<i>For >50 To 250, Add</i>	1.58	
	<i>For >1,000, Deduct</i>	-0.79	
	<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.59	
	<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0044	SF 12" x 12" And Larger Unmounted Slate Floor Tile, "Indian Autumn".....	10.70	1.97
	<i>For Up To 50, Add</i>	8.59	
	<i>For >50 To 250, Add</i>	1.58	
	<i>For >1,000, Deduct</i>	-0.79	
	<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.59	
	<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0045	SF 12" x 12" And Larger Unmounted Slate Floor Tile, "China Multi, Earth, Or Autumn Blend".....	10.85	1.97
	<i>For Up To 50, Add</i>	8.62	
	<i>For >50 To 250, Add</i>	1.58	
	<i>For >1,000, Deduct</i>	-0.79	
	<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.59	
	<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0046	SF 12" x 12" And Larger Unmounted Slate Floor Tile, "Lilac Kashmir Or Madras Yellow".....	11.30	1.97
	<i>For Up To 50, Add</i>	8.74	
	<i>For >50 To 250, Add</i>	1.58	
	<i>For >1,000, Deduct</i>	-0.79	
	<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.59	
	<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0047	SF 12" x 12" And Larger Unmounted Slate Floor Tile, "Montauk Blue, Copper Quartzite, Montauk Black, San Rio Rustic, Or Gold Green Quartzite".....	11.74	1.97
	<i>For Up To 50, Add</i>	8.85	
	<i>For >50 To 250, Add</i>	1.58	
	<i>For >1,000, Deduct</i>	-0.79	
	<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.59	
	<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0048	SF 12" x 12" And Larger Unmounted Slate Floor Tile, "Ocean Green Quartzite Or Golden White Quartzite".....	11.89	1.97
	<i>For Up To 50, Add</i>	8.88	
	<i>For >50 To 250, Add</i>	1.58	
	<i>For >1,000, Deduct</i>	-0.79	
	<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.59	
	<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0049	Travertine Floor Tile (09 30 33)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0050	SF	12" x 12" x 3/8"	And Larger Unmounted Travertine Floor Tile, "Noce Rustic"	11.74	1.97
			For Up To 50, Add	8.85	
			For >50 To 250, Add	1.58	
			For >1,000, Deduct	-0.79	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0051	SF	12" x 12" x 3/8"	And Larger Unmounted Travertine Floor Tile, "Denizli Beige Or Oasis Walnut".....	12.19	1.97
			For Up To 50, Add	8.96	
			For >50 To 250, Add	1.58	
			For >1,000, Deduct	-0.79	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0052	SF	12" x 12" x 3/8"	And Larger Unmounted Travertine Floor Tile, "Oasis Gold"	12.48	1.97
			For Up To 50, Add	9.03	
			For >50 To 250, Add	1.58	
			For >1,000, Deduct	-0.79	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0053	SF	12" x 12" x 3/8"	And Larger Unmounted Travertine Floor Tile, "Navona Light - Ivory".....	12.93	1.97
			For Up To 50, Add	9.14	
			For >50 To 250, Add	1.58	
			For >1,000, Deduct	-0.79	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0054	SF	12" x 12" x 3/8"	And Larger Unmounted Travertine Floor Tile, "Oasis Noce".....	13.08	1.97
			For Up To 50, Add	9.18	
			For >50 To 250, Add	1.58	
			For >1,000, Deduct	-0.79	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0055	SF	12" x 12" x 3/8"	And Larger Unmounted Travertine Floor Tile, "Durango Antique".....	13.23	1.97
			For Up To 50, Add	9.22	
			For >50 To 250, Add	1.58	
			For >1,000, Deduct	-0.79	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0056	SF	12" x 12" x 3/8"	And Larger Unmounted Travertine Floor Tile, "Durango Cream"	14.65	1.97
			For Up To 50, Add	9.57	
			For >50 To 250, Add	1.58	
			For >1,000, Deduct	-0.79	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0057			Limestone Floor Tile <small>(09 30 33)</small>		
09 30 33 00-0058	SF	12" x 12"	And Larger Unmounted Limestone Floor Tile, "Isis Gold"	14.56	1.97
			For Up To 50, Add	9.55	
			For >50 To 250, Add	1.58	
			For >1,000, Deduct	-0.79	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0059	SF	12" x 12"	And Larger Unmounted Limestone Floor Tile, "Tiara Beige".....	15.01	1.97
			For Up To 50, Add	9.66	
			For >50 To 250, Add	1.58	
			For >1,000, Deduct	-0.79	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0060	SF	12" x 12"	And Larger Unmounted Limestone Floor Tile, "Halila Cream".....	17.33	1.97
			For Up To 50, Add	10.24	
			For >50 To 250, Add	1.58	
			For >1,000, Deduct	-0.79	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0061	SF	12" x 12"	And Larger Unmounted Limestone Floor Tile, "Ramon Gold"	18.72	1.97
			For Up To 50, Add	10.59	
			For >50 To 250, Add	1.58	
			For >1,000, Deduct	-0.79	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0062	SF	12" x 12"	And Larger Unmounted Limestone Floor Tile, "Chestnut Brown Or Jerusalem Bone"	18.72	1.97
			For Up To 50, Add	10.59	
			For >50 To 250, Add	1.58	
			For >1,000, Deduct	-0.79	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0063	SF	12" x 12"	And Larger Unmounted Limestone Floor Tile, "Lagos Blue"	19.17	1.97
			For Up To 50, Add	10.70	
			For >50 To 250, Add	1.58	
			For >1,000, Deduct	-0.79	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0064	SF	12" x 12"	And Larger Unmounted Limestone Floor Tile, "Jura Gray".....	20.80	1.97
			For Up To 50, Add	11.11	
			For >50 To 250, Add	1.58	
			For >1,000, Deduct	-0.79	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.59	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	

09 31 Thin-Set Tiling (09 30)

09 Finishes**09 30 Tiling****09 31 Thin-Set Tiling**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 31 13 Thin-Set Ceramic Tiling (09 31)**09 31 13 00-0001 Thin-Set Ceramic Tiling (09 31 13)**

09 31 13 00-0002	SF	Thin Set - Latex Portland Cement Mortar	1.84	1.05
		<i>For Up To 50, Add</i>	1.65	
		<i>For >50 To 250, Add</i>	0.32	
		<i>For >1,000, Deduct</i>	-0.16	
09 31 13 00-0003	SF	Clean And Scarify Existing Tile For Installation Of New Tile Over Existing.....	1.01	
		<i>For Up To 50, Add</i>	1.01	
		<i>For >50 To 250, Add</i>	0.20	
		<i>For >1,000, Deduct</i>	-0.10	

09 32 Mortar-Bed Tiling (09 30)

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 32 13 Mortar-Bed Ceramic Tiling (09 32)**09 32 13 00-0001 Mortar-Bed Ceramic Tiling (09 32 13)**

09 32 13 00-0002	SF	3/4" Minimum Thickness Portland Cement Mortar Setting Bed	5.16	2.10
		Note: For residential floors. Includes 15 LB felt and wire reinforcement.		
		<i>For Up To 50, Add</i>	3.65	
		<i>For >50 To 250, Add</i>	0.63	
		<i>For >1,000, Deduct</i>	-0.32	
		<i>For Exterior Installation (Galvanized Reinforcement), Add</i>	0.15	
09 32 13 00-0003	SF	1-1/4" Minimum Thickness Portland Cement Mortar Setting Bed	7.15	2.81
		Note: For commercial floors. Includes 15 LB felt and wire reinforcement.		
		<i>For Up To 50, Add</i>	4.95	
		<i>For >50 To 250, Add</i>	0.84	
		<i>For >1,000, Deduct</i>	-0.42	
		<i>For Exterior Installation (Galvanized Reinforcement), Add</i>	0.15	
09 32 13 00-0004	SF	3/4" Portland Cement Plaster Scratch Coat for Walls	14.89	6.30
		Note: Includes 15 LB felt and expanded metal lath.		
		<i>For Up To 50, Add</i>	13.19	
		<i>For >50 To 250, Add</i>	2.52	
		<i>For >1,000, Deduct</i>	-1.26	
		<i>For Exterior Installation (Galvanized Reinforcement), Add</i>	0.15	
		<i>For Installation Without Felt And Metal Lath, Deduct</i>	-2.23	

09 34 Waterproofing-Membrane Tiling (09 30)**09 34 00 00-0001 Bonded Waterproofing System for Tiled Showers, Steam Showers, and Bathtub Surrounds (09 34)****09 34 00 00-0002 Prefabricated Assemblies For Tiled Showers (Schluter® KERDI Shower ST) (09 34 00 00-0001)**

Note: For creating a watertight sloped shower assembly without a mortar bed. Includes a prefabricated polystyrene foam shower tray, 6" x 4-1/2" prefabricated polystyrene foam shower curb, waterproofing membrane for shower tray and surround, and center shower drain. Excludes tile, mortar, grout and shower accessories.

09 34 00 00-0003	EA	48" x 48", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	1,370.83	
09 34 00 00-0004	EA	32" x 60", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	1,586.86	
09 34 00 00-0005	EA	72" x 72", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	2,347.61	

09 34 00 00-0006 Prefabricated Polystyrene Shower Curbs And Ramps (09 34 00 00-0001)

Note: Prefabricated shower curbs and ramps for tiling over. Excludes tile.

09 34 00 00-0007	EA	15-7/8" Width, 48" Length, Prefabricated Polystyrene Shower Ramp (Schluter® SR-122)	166.39	
09 34 00 00-0008	EA	4-1/2" Width, 6" Height, 48" Length, Prefabricated Polystyrene Shower Curb (Schluter® SC-122)	158.57	

09 34 00 00-0009 Prefabricated Polystyrene Shower Benches (09 34 00 00-0001)

Note: Prefabricated shower bench for tiling over. Excludes tile.

09 34 00 00-0010	EA	16" Width, 16" Depth, 20" Height, Triangular Prefabricated Polystyrene Shower Bench (Schluter® SB41)	339.60	
09 34 00 00-0011	EA	32" Width, 16" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB4181)	680.89	
09 34 00 00-0012	EA	48" Width, 16" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB41122)	840.15	
09 34 00 00-0013	EA	32" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB2981)	612.63	
09 34 00 00-0014	EA	42" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB29107)	680.89	
09 34 00 00-0015	EA	48" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB29122)	726.39	

09 34 00 00-0016 Prefabricated Polystyrene Shower Tray (09 34 00 00-0001)

Note: Prefabricated shower tray for tiling over. Excludes tile.

09 34 00 00-0017	EA	32" x 60", Prefabricated Polystyrene Shower Tray (Schluter® ST-81/152)	291.53	
09 34 00 00-0018	EA	48" x 48", Prefabricated Polystyrene Shower Tray (Schluter® ST-122)	291.53	
09 34 00 00-0019	EA	72" x 72", Prefabricated Polystyrene Shower Tray (Schluter® ST-183)	450.80	

09 34 00 00-0020 Waterproofing, Uncoupling And Vapor Management Membranes (Schluter® DITRA) (09 34 00 00-0001)

09 34 00 00-0021	SF	1/8" Thick, High-Density Polyethylene Membrane With Grid Structure And Underside Anchoring Fleece, Waterproofing, Uncoupling And Vapor Management Membrane (Schluter® DITRA)	5.10	
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 34 00 00-0022 SF 5/16" Thick, High-Density Polyethylene Membrane With Grid Structure And Underside Anchoring Fleece, Waterproofing, Uncoupling And Vapor Management Membrane (Schluter® DITRA-XL).....5.89

09 34 00 00-0023 Bonded Waterproof Underlayment Membranes (Schluter® KERDI) (09 34 00 00-0001)

09 34 00 00-0024 SF 0.008" Polyethylene Membrane With Polypropylene Fleece Laminated On Both Sides, Bonded Waterproof Underlayment Membrane (Schluter® KERDI 200/5M).....4.48

09 35 Chemical-Resistant Tiling (09 30)

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 35 13 Chemical-Resistant Ceramic Tiling (09 35)

09 35 13 00-0001 Chemical-Resistant Ceramic Tiling (09 35 13)

09 35 13 00-0002 SF Thin Set - Epoxy Mortar.....5.89

Note: Impact and chemical resistant.

For Up To 50, Add

3.06

For >50 To 250, Add

0.42

For >1,000, Deduct

-0.21

1.39

09 39 Tiling Transitions (09 30)

09 39 00 00-0001 Tile Waterproofing And Crack Prevention (09 39)

09 39 00 00-0002 CSF 30 Mil Waterproofing And Crack Prevention Membrane; RedGard.....120.55

09 39 00 00-0003 Waterproof Strip Membranes (Schluter® KERDI) (09 39)

09 39 00 00-0004 LF 5" Wide, 4 mil Polyethylene Waterproof Strip Membrane (Schluter® KERDI BAND).....5.53

09 39 00 00-0005 LF 10" Wide, 12 mil Polyethylene Waterproof Strip Membrane (Schluter® KERDI FLEX).....11.59

09 39 00 00-0006 Coved Shaped Transition Profiles For Floor To Wall For Tile (09 39)

09 39 00 00-0007 LF 5/16" Height, Satin Anodized Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-AHK).....7.61

09 39 00 00-0008 LF 3/8" Height, Satin Anodized Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-AHK).....7.59

09 39 00 00-0009 LF 1/2" Height, Satin Anodized Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-AHK).....7.87

09 39 00 00-0010 LF 5/16" Height, PVC Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-PHK).....7.23

09 39 00 00-0011 LF 3/8" Height, Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-PHK).....7.52

09 39 00 00-0012 Coved Shaped Inside Edge Protection And Transition Profiles For Wall To Wall For Tile (09 39)

09 39 00 00-0013 LF 9/32" x 9/32" Height, Stainless Steel Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-EHK).....15.63

09 39 00 00-0014 LF 11/32" x 11/32" Height, Stainless Steel Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-EHK).....16.08

09 39 00 00-0015 LF 7/16" x 7/16" Height, Stainless Steel Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-EHK).....16.57

09 39 00 00-0016 Tile Substrate (Schluter® KERDI BOARD) (09 39)

09 39 00 00-0017 SF 1/2" Tile Substrate And Building Panel (Schluter® KERDI BOARD).....9.11

09 39 00 00-0018 SF 5/8" Tile Substrate And Building Panel (Schluter® KERDI BOARD).....10.26

0.82

0.93

09 39 00 00-0019 Floor Edge Protection And Transition Profiles For Tile (09 39)

09 39 00 00-0020 LF 1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE).....3.99

09 39 00 00-0021 LF 5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE).....4.11

09 39 00 00-0022 LF 3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE).....4.24

09 39 00 00-0023 LF 1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE).....4.45

09 39 00 00-0024 LF 1/4" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS).....5.28

09 39 00 00-0025 LF 5/16" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS).....5.45

09 39 00 00-0026 LF 3/8" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS).....5.57

09 39 00 00-0027 LF 1/2" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS).....5.70

09 39 00 00-0028 LF 9/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-T).....4.18

09 39 00 00-0029 LF 1" Height, Aluminum Transition Trim For Tile (Schluter® RENO-T).....5.70

09 39 00 00-0030 LF 1/4" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK).....5.31

09 39 00 00-0031 LF 5/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK).....5.58

09 39 00 00-0032 LF 3/8" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK).....5.85

09 39 00 00-0033 LF 1/2" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK).....7.06

09 39 00 00-0034 LF 5/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U).....5.49

09 39 00 00-0035 LF 3/8" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U).....5.76

09 39 00 00-0036 LF 1/2" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U).....6.98

09 39 00 00-0037 Outside Wall Edge Protection And Transition Profiles For Tile (09 39)

09 39 00 00-0038 LF 1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC).....5.46

09 39 00 00-0039 LF 5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC).....5.75

09 39 00 00-0040 LF 3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC).....6.16

09 39 00 00-0041 LF 1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC).....6.59

09 39 00 00-0042 LF 1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC).....6.04

09 39 00 00-0043 LF 5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC).....6.58

09 39 00 00-0044 LF 3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC).....7.11

09 39 00 00-0045 LF 1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC).....8.06

09	09 Finishes
	09 50 Ceilings
	09 39 Tiling Transitions

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

09 50 Ceilings (09)

Note: Includes cutting for area around columns, speakers, sprinklers, diffusers, etc.

09 51 Acoustical Ceilings (09 50)

Note: Excludes suspension system. See CSI section 09 53 00 00-0000 for suspension systems.

09 51 13 Acoustical Panel Ceilings (09 51)

Note: Includes cutting around sprinkler heads, speakers, or other penetrations through the ceiling.

09 51 13 00-0001 Fiberglass Panels (09 51 13)

09 51 13 00-0002 Fiberglass Acoustical Panels (09 51 13 00-0001)

Note: Includes square or tegular edge and class A fire rating.

09 51 13 00-0003	SF 2' x 2' x 3/4" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima®)	8.73	0.46
	For Up To 50, Add	1.91	
	For >50 To 200, Add	1.18	
	For >200 To 500, Add	0.51	
	For >2,500 To 4,000, Deduct	-0.22	
	For >4,000 To 5,000, Deduct	-0.44	
	For >5,000, Deduct	-0.69	
	For Individual Room Quantities <495, Add	1.18	
	Note: For use with projects >500 SF		
	For Ceilings >10' High, Add	0.11	
09 51 13 00-0004	SF 2' x 4' x 3/4" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima®)	8.67	0.46
	For Up To 50, Add	1.90	
	For >50 To 200, Add	1.17	
	For >200 To 500, Add	0.51	
	For >2,500 To 4,000, Deduct	-0.22	
	For >4,000 To 5,000, Deduct	-0.43	
	For >5,000, Deduct	-0.69	
	For Individual Room Quantities <495, Add	1.17	
	Note: For use with projects >500 SF		
	For Ceilings >10' High, Add	0.11	
09 51 13 00-0005	SF 2' x 2' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima®)	9.22	0.58
	For Up To 50, Add	2.04	
	For >50 To 200, Add	1.25	
	For >200 To 500, Add	0.54	
	For >2,500 To 4,000, Deduct	-0.23	
	For >4,000 To 5,000, Deduct	-0.46	
	For >5,000, Deduct	-0.73	
	For Individual Room Quantities <495, Add	1.25	
	Note: For use with projects >500 SF		
	For Ceilings >10' High, Add	0.12	
09 51 13 00-0006	SF 2' x 4' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima®)	9.32	0.58
	For Up To 50, Add	2.05	
	For >50 To 200, Add	1.26	
	For >200 To 500, Add	0.55	
	For >2,500 To 4,000, Deduct	-0.23	
	For >4,000 To 5,000, Deduct	-0.47	
	For >5,000, Deduct	-0.74	
	For Individual Room Quantities <495, Add	1.26	
	Note: For use with projects >500 SF		
	For Ceilings >10' High, Add	0.12	
09 51 13 00-0007	SF 2' x 2' x 1" Thick, Square or Beveled Tegular Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima®) 3352, 3354, and 3355).....	9.58	0.58
	For Up To 50, Add	2.09	
	For >50 To 200, Add	1.28	
	For >200 To 500, Add	0.56	
	For >2,500 To 4,000, Deduct	-0.24	
	For >4,000 To 5,000, Deduct	-0.48	
	For >5,000, Deduct	-0.76	
	For Individual Room Quantities <495, Add	1.28	
	Note: For use with projects >500 SF		
	For Ceilings >10' High, Add	0.12	
09 51 13 00-0008	SF 2' x 4' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima® 3353)	9.57	0.58
	For Up To 50, Add	2.09	
	For >50 To 200, Add	1.28	
	For >200 To 500, Add	0.56	
	For >2,500 To 4,000, Deduct	-0.24	
	For >4,000 To 5,000, Deduct	-0.48	
	For >5,000, Deduct	-0.76	
	For Individual Room Quantities <495, Add	1.28	
	Note: For use with projects >500 SF		
	For Ceilings >10' High, Add	0.12	
09 51 13 00-0009	SF 2' x 2' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Lyra™)	9.98	0.58
	For Up To 50, Add	2.15	
	For >50 To 200, Add	1.32	
	For >200 To 500, Add	0.58	
	For >2,500 To 4,000, Deduct	-0.25	
	For >4,000 To 5,000, Deduct	-0.50	
	For >5,000, Deduct	-0.79	
	For Individual Room Quantities <495, Add	1.32	
	Note: For use with projects >500 SF		
	For Ceilings >10' High, Add	0.12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0010	SF		2' x 4' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Lyra™).....	9.97	0.58
			For Up To 50, Add	2.15	
			For >50 To 200, Add	1.32	
			For >200 To 500, Add	0.58	
			For >2,500 To 4,000, Deduct	-0.25	
			For >4,000 To 5,000, Deduct	-0.50	
			For >5,000, Deduct	-0.79	
			For Individual Room Quantities <495, Add	1.32	
			Note: For use with projects >500 SF		
			For Ceilings >10' High, Add	0.12	
09 51 13 00-0011			Mineral Fiber Panels (09 51 13)		
09 51 13 00-0012			Mineral Fiber Acoustical Ceiling Panels (09 51 13 00-0011)		
			Note: Includes square or tegular edge and class A fire rating.		
09 51 13 00-0013	SF		2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega)	2.70	0.46
			For Up To 50, Add	1.01	
			For >50 To 200, Add	0.57	
			For >200 To 500, Add	0.21	
			For >2,500 To 4,000, Deduct	-0.07	
			For >4,000 To 5,000, Deduct	-0.14	
			For >5,000, Deduct	-0.24	
			For Individual Room Quantities <495, Add	0.57	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.68	
			For Ceilings >10' High, Add	0.11	
09 51 13 00-0014	SF		2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega)	2.69	0.69
			For Up To 50, Add	1.01	
			For >50 To 200, Add	0.57	
			For >200 To 500, Add	0.21	
			For >2,500 To 4,000, Deduct	-0.07	
			For >4,000 To 5,000, Deduct	-0.13	
			For >5,000, Deduct	-0.24	
			For Individual Room Quantities <495, Add	0.57	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.68	
			For Ceilings >10' High, Add	0.11	
09 51 13 00-0015	SF		2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega).....	2.97	0.46
			For Up To 50, Add	1.05	
			For >50 To 200, Add	0.60	
			For >200 To 500, Add	0.22	
			For >2,500 To 4,000, Deduct	-0.07	
			For >4,000 To 5,000, Deduct	-0.15	
			For >5,000, Deduct	-0.26	
			For Individual Room Quantities <495, Add	0.60	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.68	
			For Ceilings >10' High, Add	0.11	
09 51 13 00-0016	SF		2' x 4' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega).....	2.97	0.46
			For Up To 50, Add	1.05	
			For >50 To 200, Add	0.60	
			For >200 To 500, Add	0.22	
			For >2,500 To 4,000, Deduct	-0.07	
			For >4,000 To 5,000, Deduct	-0.15	
			For >5,000, Deduct	-0.26	
			For Individual Room Quantities <495, Add	0.60	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.68	
			For Ceilings >10' High, Add	0.11	
09 51 13 00-0017	SF		2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega Fire Guard)	3.19	0.69
			For Up To 50, Add	1.08	
			For >50 To 200, Add	0.62	
			For >200 To 500, Add	0.24	
			For >2,500 To 4,000, Deduct	-0.08	
			For >4,000 To 5,000, Deduct	-0.16	
			For >5,000, Deduct	-0.28	
			For Individual Room Quantities <495, Add	0.62	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.68	
			For Ceilings >10' High, Add	0.11	
09 51 13 00-0018	SF		2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega Fire Guard)	3.20	0.69
			For Up To 50, Add	1.08	
			For >50 To 200, Add	0.62	
			For >200 To 500, Add	0.24	
			For >2,500 To 4,000, Deduct	-0.08	
			For >4,000 To 5,000, Deduct	-0.16	
			For >5,000, Deduct	-0.28	
			For Individual Room Quantities <495, Add	0.62	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.68	
			For Ceilings >10' High, Add	0.11	

09 Finishes

09 50 Ceilings

09 51 Acoustical Ceilings

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 51 13 00-0019	SF 2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega Fire Guard).....	3.48	0.69
	For Up To 50, Add	1.13	
	For >50 To 200, Add	0.65	
	For >200 To 500, Add	0.25	
	For >2,500 To 4,000, Deduct	-0.09	
	For >4,000 To 5,000, Deduct	-0.17	
	For >5,000, Deduct	-0.30	
	For Individual Room Quantities <495, Add	0.65	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.68	
	For Ceilings >10' High, Add	0.11	
09 51 13 00-0020	SF 2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Designer).....	2.95	0.46
	For Up To 50, Add	1.05	
	For >50 To 200, Add	0.60	
	For >200 To 500, Add	0.22	
	For >2,500 To 4,000, Deduct	-0.07	
	For >4,000 To 5,000, Deduct	-0.15	
	For >5,000, Deduct	-0.26	
	For Individual Room Quantities <495, Add	0.60	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.68	
	For Ceilings >10' High, Add	0.11	
09 51 13 00-0021	SF 2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Designer).....	2.94	0.69
	For Up To 50, Add	1.05	
	For >50 To 200, Add	0.60	
	For >200 To 500, Add	0.22	
	For >2,500 To 4,000, Deduct	-0.07	
	For >4,000 To 5,000, Deduct	-0.15	
	For >5,000, Deduct	-0.26	
	For Individual Room Quantities <495, Add	0.60	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.68	
	For Ceilings >10' High, Add	0.11	
09 51 13 00-0022	SF 2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Designer).....	3.38	0.46
	For Up To 50, Add	1.11	
	For >50 To 200, Add	0.64	
	For >200 To 500, Add	0.24	
	For >2,500 To 4,000, Deduct	-0.08	
	For >4,000 To 5,000, Deduct	-0.17	
	For >5,000, Deduct	-0.29	
	For Individual Room Quantities <495, Add	0.64	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.68	
	For Ceilings >10' High, Add	0.11	
09 51 13 00-0023	SF 2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fissured).....	2.70	0.46
	For Up To 50, Add	1.01	
	For >50 To 200, Add	0.57	
	For >200 To 500, Add	0.21	
	For >2,500 To 4,000, Deduct	-0.07	
	For >4,000 To 5,000, Deduct	-0.14	
	For >5,000, Deduct	-0.24	
	For Individual Room Quantities <495, Add	0.57	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.68	
	For Ceilings >10' High, Add	0.11	
09 51 13 00-0024	SF 2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fissured).....	2.69	0.46
	For Up To 50, Add	1.01	
	For >50 To 200, Add	0.57	
	For >200 To 500, Add	0.21	
	For >2,500 To 4,000, Deduct	-0.07	
	For >4,000 To 5,000, Deduct	-0.13	
	For >5,000, Deduct	-0.24	
	For Individual Room Quantities <495, Add	0.57	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.68	
	For Ceilings >10' High, Add	0.11	
09 51 13 00-0025	SF 2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fissured).....	2.97	0.46
	For Up To 50, Add	1.05	
	For >50 To 200, Add	0.60	
	For >200 To 500, Add	0.22	
	For >2,500 To 4,000, Deduct	-0.07	
	For >4,000 To 5,000, Deduct	-0.15	
	For >5,000, Deduct	-0.26	
	For Individual Room Quantities <495, Add	0.60	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.68	
	For Ceilings >10' High, Add	0.11	
09 51 13 00-0026	SF 2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured).....	2.72	0.46
	For Up To 50, Add	1.01	
	For >50 To 200, Add	0.57	
	For >200 To 500, Add	0.21	
	For >2,500 To 4,000, Deduct	-0.07	
	For >4,000 To 5,000, Deduct	-0.14	
	For >5,000, Deduct	-0.24	
	For Individual Room Quantities <495, Add	0.57	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.68	
	For Ceilings >10' High, Add	0.11	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0027	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	.....	2.71	0.46
		For Up To 50, Add		1.01	
		For >50 To 200, Add		0.57	
		For >200 To 500, Add		0.21	
		For >2,500 To 4,000, Deduct		-0.07	
		For >4,000 To 5,000, Deduct		-0.14	
		For >5,000, Deduct		-0.24	
		For Individual Room Quantities <495, Add		0.57	
		Note: For use with projects >500 SF			
		For Vertical Application, Add		0.68	
		For Ceilings >10' High, Add		0.11	
09 51 13 00-0028	SF	2' x 2' x 5/8" Thick, Beveled Tegalur Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	.....	3.12	0.46
		For Up To 50, Add		1.07	
		For >50 To 200, Add		0.61	
		For >200 To 500, Add		0.23	
		For >2,500 To 4,000, Deduct		-0.08	
		For >4,000 To 5,000, Deduct		-0.16	
		For >5,000, Deduct		-0.27	
		For Individual Room Quantities <495, Add		0.61	
		Note: For use with projects >500 SF			
		For Vertical Application, Add		0.68	
		For Ceilings >10' High, Add		0.11	
09 51 13 00-0029	SF	2' x 4' x 5/8" Thick, Beveled Tegalur Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	.....	3.12	0.46
		For Up To 50, Add		1.07	
		For >50 To 200, Add		0.61	
		For >200 To 500, Add		0.23	
		For >2,500 To 4,000, Deduct		-0.08	
		For >4,000 To 5,000, Deduct		-0.16	
		For >5,000, Deduct		-0.27	
		For Individual Room Quantities <495, Add		0.61	
		Note: For use with projects >500 SF			
		For Vertical Application, Add		0.68	
		For Ceilings >10' High, Add		0.11	
09 51 13 00-0030	SF	2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	.....	3.27	0.46
		For Up To 50, Add		1.09	
		For >50 To 200, Add		0.63	
		For >200 To 500, Add		0.24	
		For >2,500 To 4,000, Deduct		-0.08	
		For >4,000 To 5,000, Deduct		-0.16	
		For >5,000, Deduct		-0.28	
		For Individual Room Quantities <495, Add		0.63	
		Note: For use with projects >500 SF			
		For Vertical Application, Add		0.68	
		For Ceilings >10' High, Add		0.11	
09 51 13 00-0031	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	.....	3.84	0.46
		For Up To 50, Add		1.18	
		For >50 To 200, Add		0.69	
		For >200 To 500, Add		0.27	
		For >2,500 To 4,000, Deduct		-0.10	
		For >4,000 To 5,000, Deduct		-0.19	
		For >5,000, Deduct		-0.33	
		For Individual Room Quantities <495, Add		0.69	
		Note: For use with projects >500 SF			
		For Vertical Application, Add		0.68	
		For Ceilings >10' High, Add		0.11	
09 51 13 00-0032	SF	2' x 2' x 3/4" Thick, Beveled Tegalur Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	.....	3.19	0.46
		For Up To 50, Add		1.08	
		For >50 To 200, Add		0.62	
		For >200 To 500, Add		0.24	
		For >2,500 To 4,000, Deduct		-0.08	
		For >4,000 To 5,000, Deduct		-0.16	
		For >5,000, Deduct		-0.28	
		For Individual Room Quantities <495, Add		0.62	
		Note: For use with projects >500 SF			
		For Vertical Application, Add		0.68	
		For Ceilings >10' High, Add		0.11	
09 51 13 00-0033	SF	2' x 4' x 3/4" Thick, Beveled Tegalur Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	.....	3.87	0.46
		For Up To 50, Add		1.18	
		For >50 To 200, Add		0.69	
		For >200 To 500, Add		0.27	
		For >2,500 To 4,000, Deduct		-0.10	
		For >4,000 To 5,000, Deduct		-0.19	
		For >5,000, Deduct		-0.33	
		For Individual Room Quantities <495, Add		0.69	
		Note: For use with projects >500 SF			
		For Vertical Application, Add		0.68	
		For Ceilings >10' High, Add		0.11	
09 51 13 00-0034	SF	30" x 60" x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	.....	3.00	0.46
		For Up To 50, Add		1.05	
		For >50 To 200, Add		0.60	
		For >200 To 500, Add		0.23	
		For >2,500 To 4,000, Deduct		-0.08	
		For >4,000 To 5,000, Deduct		-0.15	
		For >5,000, Deduct		-0.26	
		For Individual Room Quantities <495, Add		0.60	
		Note: For use with projects >500 SF			
		For Vertical Application, Add		0.68	
		For Ceilings >10' High, Add		0.11	

09 Finishes

09 50 Ceilings

09 51 Acoustical Ceilings

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 51 13 00-0035	SF 2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured Fire Guard).....	3.27	0.69
	For Up To 50, Add	1.09	
	For >50 To 200, Add	0.63	
	For >200 To 500, Add	0.24	
	For >2,500 To 4,000, Deduct	-0.08	
	For >4,000 To 5,000, Deduct	-0.16	
	For >5,000, Deduct	-0.28	
	For Individual Room Quantities <495, Add	0.63	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.68	
	For Ceilings >10' High, Add	0.11	
09 51 13 00-0036	SF 2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured Fire Guard).....	3.22	0.69
	For Up To 50, Add	1.09	
	For >50 To 200, Add	0.62	
	For >200 To 500, Add	0.24	
	For >2,500 To 4,000, Deduct	-0.08	
	For >4,000 To 5,000, Deduct	-0.16	
	For >5,000, Deduct	-0.28	
	For Individual Room Quantities <495, Add	0.62	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.68	
	For Ceilings >10' High, Add	0.11	
09 51 13 00-0037	SF 2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured Fire Guard)	3.62	0.69
	For Up To 50, Add	1.15	
	For >50 To 200, Add	0.66	
	For >200 To 500, Add	0.26	
	For >2,500 To 4,000, Deduct	-0.09	
	For >4,000 To 5,000, Deduct	-0.18	
	For >5,000, Deduct	-0.31	
	For Individual Room Quantities <495, Add	0.66	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.68	
	For Ceilings >10' High, Add	0.11	
09 51 13 00-0038	SF 2' x 4' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured Fire Guard)	3.62	0.69
	For Up To 50, Add	1.15	
	For >50 To 200, Add	0.66	
	For >200 To 500, Add	0.26	
	For >2,500 To 4,000, Deduct	-0.09	
	For >4,000 To 5,000, Deduct	-0.18	
	For >5,000, Deduct	-0.31	
	For Individual Room Quantities <495, Add	0.66	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.68	
	For Ceilings >10' High, Add	0.11	
09 51 13 00-0039	SF 2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ceramaguard Fine Fissured).....	8.58	0.82
	For Vertical Application, Add	0.68	
	For Ceilings >10' High, Add	0.11	
09 51 13 00-0040	SF 2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™)	3.45	0.46
	For Up To 50, Add	1.12	
	For >50 To 200, Add	0.65	
	For >200 To 500, Add	0.25	
	For >2,500 To 4,000, Deduct	-0.09	
	For >4,000 To 5,000, Deduct	-0.17	
	For >5,000, Deduct	-0.30	
	For Individual Room Quantities <495, Add	0.65	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.68	
	For Ceilings >10' High, Add	0.11	
09 51 13 00-0041	SF 2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™)	3.44	0.46
	For Up To 50, Add	1.12	
	For >50 To 200, Add	0.65	
	For >200 To 500, Add	0.25	
	For >2,500 To 4,000, Deduct	-0.09	
	For >4,000 To 5,000, Deduct	-0.17	
	For >5,000, Deduct	-0.30	
	For Individual Room Quantities <495, Add	0.65	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.68	
	For Ceilings >10' High, Add	0.11	
09 51 13 00-0042	SF 2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™)	4.03	0.46
	For Up To 50, Add	1.21	
	For >50 To 200, Add	0.71	
	For >200 To 500, Add	0.28	
	For >2,500 To 4,000, Deduct	-0.10	
	For >4,000 To 5,000, Deduct	-0.20	
	For >5,000, Deduct	-0.34	
	For Individual Room Quantities <495, Add	0.71	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.68	
	For Ceilings >10' High, Add	0.11	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0043	SF	2' x 2' x 5/8" Thick, Beveled Tegaluar Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™)	3.69	0.46	
		For Up To 50, Add	1.16		
		For >50 To 200, Add	0.67		
		For >200 To 500, Add	0.26		
		For >2,500 To 4,000, Deduct	-0.09		
		For >4,000 To 5,000, Deduct	-0.18		
		For >5,000, Deduct	-0.31		
		For Individual Room Quantities <495, Add	0.67		
		Note: For use with projects >500 SF			
		For Vertical Application, Add	0.68		
		For Ceilings >10' High, Add	0.11		
09 51 13 00-0044	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune)	3.63	0.46	
		For Up To 50, Add	1.15		
		For >50 To 200, Add	0.67		
		For >200 To 500, Add	0.26		
		For >2,500 To 4,000, Deduct	-0.09		
		For >4,000 To 5,000, Deduct	-0.18		
		For >5,000, Deduct	-0.31		
		For Individual Room Quantities <495, Add	0.67		
		Note: For use with projects >500 SF			
		For Vertical Application, Add	0.68		
		For Ceilings >10' High, Add	0.11		
09 51 13 00-0045	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune)	3.64	0.46	
		For Up To 50, Add	1.15		
		For >50 To 200, Add	0.67		
		For >200 To 500, Add	0.26		
		For >2,500 To 4,000, Deduct	-0.09		
		For >4,000 To 5,000, Deduct	-0.18		
		For >5,000, Deduct	-0.31		
		For Individual Room Quantities <495, Add	0.67		
		Note: For use with projects >500 SF			
		For Vertical Application, Add	0.68		
		For Ceilings >10' High, Add	0.11		
09 51 13 00-0046	SF	2' x 2' x 5/8" Thick, Beveled Tegaluar Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune)	3.82	0.46	
		For Up To 50, Add	1.18		
		For >50 To 200, Add	0.68		
		For >200 To 500, Add	0.27		
		For >2,500 To 4,000, Deduct	-0.10		
		For >4,000 To 5,000, Deduct	-0.19		
		For >5,000, Deduct	-0.32		
		For Individual Room Quantities <495, Add	0.68		
		Note: For use with projects >500 SF			
		For Vertical Application, Add	0.68		
		For Ceilings >10' High, Add	0.11		
09 51 13 00-0047	SF	2' x 4' x 5/8" Thick, Beveled Tegaluar Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune)	3.97	0.46	
		For Up To 50, Add	1.20		
		For >50 To 200, Add	0.70		
		For >200 To 500, Add	0.27		
		For >2,500 To 4,000, Deduct	-0.10		
		For >4,000 To 5,000, Deduct	-0.20		
		For >5,000, Deduct	-0.34		
		For Individual Room Quantities <495, Add	0.70		
		Note: For use with projects >500 SF			
		For Vertical Application, Add	0.68		
		For Ceilings >10' High, Add	0.11		
09 51 13 00-0048	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune Fire Guard)	4.19	0.46	
		For Up To 50, Add	1.23		
		For >50 To 200, Add	0.72		
		For >200 To 500, Add	0.29		
		For >2,500 To 4,000, Deduct	-0.10		
		For >4,000 To 5,000, Deduct	-0.21		
		For >5,000, Deduct	-0.35		
		For Individual Room Quantities <495, Add	0.72		
		Note: For use with projects >500 SF			
		For Vertical Application, Add	0.68		
		For Ceilings >10' High, Add	0.11		
09 51 13 00-0049	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune Fire Guard)	4.15	0.46	
		For Up To 50, Add	1.23		
		For >50 To 200, Add	0.72		
		For >200 To 500, Add	0.28		
		For >2,500 To 4,000, Deduct	-0.10		
		For >4,000 To 5,000, Deduct	-0.21		
		For >5,000, Deduct	-0.35		
		For Individual Room Quantities <495, Add	0.72		
		Note: For use with projects >500 SF			
		For Vertical Application, Add	0.68		
		For Ceilings >10' High, Add	0.11		
09 51 13 00-0050	SF	2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Mesa)	4.04	0.69	
		For Up To 50, Add	1.21		
		For >50 To 200, Add	0.71		
		For >200 To 500, Add	0.28		
		For >2,500 To 4,000, Deduct	-0.10		
		For >4,000 To 5,000, Deduct	-0.20		
		For >5,000, Deduct	-0.34		
		For Individual Room Quantities <495, Add	0.71		
		Note: For use with projects >500 SF			
		For Vertical Application, Add	0.68		
		For Ceilings >10' High, Add	0.11		

09 Finishes

09 50 Ceilings

09 51 Acoustical Ceilings

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 51 13 00-0051	SF 2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Mesa)	4.03	0.69
	For Up To 50, Add	1.21	
	For >50 To 200, Add	0.71	
	For >200 To 500, Add	0.28	
	For >2,500 To 4,000, Deduct	-0.10	
	For >4,000 To 5,000, Deduct	-0.20	
	For >5,000, Deduct	-0.34	
	For Individual Room Quantities <495, Add	0.71	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.68	
	For Ceilings >10' High, Add	0.11	
09 51 13 00-0052	SF 2' x 2' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Mesa)	4.36	0.46
	For Up To 50, Add	1.26	
	For >50 To 200, Add	0.74	
	For >200 To 500, Add	0.29	
	For >2,500 To 4,000, Deduct	-0.11	
	For >4,000 To 5,000, Deduct	-0.22	
	For >5,000, Deduct	-0.36	
	For Individual Room Quantities <495, Add	0.74	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.68	
	For Ceilings >10' High, Add	0.11	
09 51 13 00-0053	SF 2' x 4' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Mesa)	4.27	0.46
	For Up To 50, Add	1.24	
	For >50 To 200, Add	0.73	
	For >200 To 500, Add	0.29	
	For >2,500 To 4,000, Deduct	-0.11	
	For >4,000 To 5,000, Deduct	-0.21	
	For >5,000, Deduct	-0.36	
	For Individual Room Quantities <495, Add	0.73	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.68	
	For Ceilings >10' High, Add	0.11	
09 51 13 00-0054	SF 2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus)	5.23	0.69
	For Up To 50, Add	1.39	
	For >50 To 200, Add	0.83	
	For >200 To 500, Add	0.34	
	For >2,500 To 4,000, Deduct	-0.13	
	For >4,000 To 5,000, Deduct	-0.26	
	For >5,000, Deduct	-0.43	
	For Individual Room Quantities <495, Add	0.83	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.68	
	For Ceilings >10' High, Add	0.11	
09 51 13 00-0055	SF 2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus)	5.19	0.69
	For Up To 50, Add	1.38	
	For >50 To 200, Add	0.82	
	For >200 To 500, Add	0.34	
	For >2,500 To 4,000, Deduct	-0.13	
	For >4,000 To 5,000, Deduct	-0.26	
	For >5,000, Deduct	-0.43	
	For Individual Room Quantities <495, Add	0.82	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.68	
	For Ceilings >10' High, Add	0.11	
09 51 13 00-0056	SF 2' x 2' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus)	5.23	0.69
	For Up To 50, Add	1.39	
	For >50 To 200, Add	0.83	
	For >200 To 500, Add	0.34	
	For >2,500 To 4,000, Deduct	-0.13	
	For >4,000 To 5,000, Deduct	-0.26	
	For >5,000, Deduct	-0.43	
	For Individual Room Quantities <495, Add	0.83	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.68	
	For Ceilings >10' High, Add	0.11	
09 51 13 00-0057	SF 2' x 4' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus)	5.19	0.69
	For Up To 50, Add	1.38	
	For >50 To 200, Add	0.82	
	For >200 To 500, Add	0.34	
	For >2,500 To 4,000, Deduct	-0.13	
	For >4,000 To 5,000, Deduct	-0.26	
	For >5,000, Deduct	-0.43	
	For Individual Room Quantities <495, Add	0.82	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.68	
	For Ceilings >10' High, Add	0.11	
09 51 13 00-0058	SF 2' x 4' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus Second Look)	5.73	0.46
	For Up To 50, Add	1.46	
	For >50 To 200, Add	0.88	
	For >200 To 500, Add	0.36	
	For >2,500 To 4,000, Deduct	-0.14	
	For >4,000 To 5,000, Deduct	-0.29	
	For >5,000, Deduct	-0.47	
	For Individual Room Quantities <495, Add	0.88	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.68	
	For Ceilings >10' High, Add	0.11	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0059	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Tundra).....	5.69	0.69	
		For Up To 50, Add	1.46		
		For >50 To 200, Add	0.87		
		For >200 To 500, Add	0.36		
		For >2,500 To 4,000, Deduct	-0.14		
		For >4,000 To 5,000, Deduct	-0.28		
		For >5,000, Deduct	-0.46		
		For Individual Room Quantities <495, Add	0.87		
		Note: For use with projects >500 SF			
		For Vertical Application, Add	0.68		
		For Ceilings >10' High, Add	0.11		
09 51 13 00-0060	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Tundra).....	5.67	0.69	
		For Up To 50, Add	1.45		
		For >50 To 200, Add	0.87		
		For >200 To 500, Add	0.36		
		For >2,500 To 4,000, Deduct	-0.14		
		For >4,000 To 5,000, Deduct	-0.28		
		For >5,000, Deduct	-0.46		
		For Individual Room Quantities <495, Add	0.87		
		Note: For use with projects >500 SF			
		For Vertical Application, Add	0.68		
		For Ceilings >10' High, Add	0.11		
09 51 13 00-0061	SF	2' x 2' x 5/8" Thick, Beveled Tegalur Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Tundra).....	6.13	0.46	
		For Up To 50, Add	1.52		
		For >50 To 200, Add	0.92		
		For >200 To 500, Add	0.38		
		For >2,500 To 4,000, Deduct	-0.15		
		For >4,000 To 5,000, Deduct	-0.31		
		For >5,000, Deduct	-0.50		
		For Individual Room Quantities <495, Add	0.92		
		Note: For use with projects >500 SF			
		For Vertical Application, Add	0.68		
		For Ceilings >10' High, Add	0.11		
09 51 13 00-0062	SF	2' x 4' x 5/8" Thick, Beveled Tegalur Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Tundra).....	6.13	0.46	
		For Up To 50, Add	1.52		
		For >50 To 200, Add	0.92		
		For >200 To 500, Add	0.38		
		For >2,500 To 4,000, Deduct	-0.15		
		For >4,000 To 5,000, Deduct	-0.31		
		For >5,000, Deduct	-0.50		
		For Individual Room Quantities <495, Add	0.92		
		Note: For use with projects >500 SF			
		For Vertical Application, Add	0.68		
		For Ceilings >10' High, Add	0.11		
09 51 13 00-0063	SF	2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®).....	5.71	0.46	
		For Up To 50, Add	1.46		
		For >50 To 200, Add	0.87		
		For >200 To 500, Add	0.36		
		For >2,500 To 4,000, Deduct	-0.14		
		For >4,000 To 5,000, Deduct	-0.29		
		For >5,000, Deduct	-0.47		
		For Individual Room Quantities <495, Add	0.87		
		Note: For use with projects >500 SF			
		For Vertical Application, Add	0.68		
		For Ceilings >10' High, Add	0.11		
09 51 13 00-0064	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®).....	5.71	0.46	
		For Up To 50, Add	1.46		
		For >50 To 200, Add	0.87		
		For >200 To 500, Add	0.36		
		For >2,500 To 4,000, Deduct	-0.14		
		For >4,000 To 5,000, Deduct	-0.29		
		For >5,000, Deduct	-0.47		
		For Individual Room Quantities <495, Add	0.87		
		Note: For use with projects >500 SF			
		For Vertical Application, Add	0.68		
		For Ceilings >10' High, Add	0.11		
09 51 13 00-0065	SF	2' x 2' x 3/4" Thick, Beveled Tegalur Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®).....	5.71	0.46	
		For Up To 50, Add	1.46		
		For >50 To 200, Add	0.87		
		For >200 To 500, Add	0.36		
		For >2,500 To 4,000, Deduct	-0.14		
		For >4,000 To 5,000, Deduct	-0.29		
		For >5,000, Deduct	-0.47		
		For Individual Room Quantities <495, Add	0.87		
		Note: For use with projects >500 SF			
		For Vertical Application, Add	0.68		
		For Ceilings >10' High, Add	0.11		
09 51 13 00-0066	SF	2' x 4' x 3/4" Thick, Beveled Tegalur Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®).....	5.71	0.46	
		For Up To 50, Add	1.46		
		For >50 To 200, Add	0.87		
		For >200 To 500, Add	0.36		
		For >2,500 To 4,000, Deduct	-0.14		
		For >4,000 To 5,000, Deduct	-0.29		
		For >5,000, Deduct	-0.47		
		For Individual Room Quantities <495, Add	0.87		
		Note: For use with projects >500 SF			
		For Vertical Application, Add	0.68		
		For Ceilings >10' High, Add	0.11		

09 Finishes

09 50 Ceilings

09 51 Acoustical Ceilings

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 51 13 00-0067	SF 2' x 2' x 7/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima High-NRC).....	6.14	0.58
	For Up To 50, Add	1.57	
	For >50 To 200, Add	0.94	
	For >200 To 500, Add	0.39	
	For >2,500 To 4,000, Deduct	-0.15	
	For >4,000 To 5,000, Deduct	-0.31	
	For >5,000, Deduct	-0.50	
	For Individual Room Quantities <495, Add	0.94	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.73	
	For Ceilings >10' High, Add	0.12	
09 51 13 00-0068	SF 2' x 4' x 7/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima High-NRC).....	6.14	0.58
	For Up To 50, Add	1.57	
	For >50 To 200, Add	0.94	
	For >200 To 500, Add	0.39	
	For >2,500 To 4,000, Deduct	-0.15	
	For >4,000 To 5,000, Deduct	-0.31	
	For >5,000, Deduct	-0.50	
	For Individual Room Quantities <495, Add	0.94	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.73	
	For Ceilings >10' High, Add	0.12	
09 51 13 00-0069	SF 2' x 2' x 7/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima High-NRC)	6.14	0.58
	For Up To 50, Add	1.57	
	For >50 To 200, Add	0.94	
	For >200 To 500, Add	0.39	
	For >2,500 To 4,000, Deduct	-0.15	
	For >4,000 To 5,000, Deduct	-0.31	
	For >5,000, Deduct	-0.50	
	For Individual Room Quantities <495, Add	0.94	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.73	
	For Ceilings >10' High, Add	0.12	
09 51 13 00-0070	SF 2' x 4' x 7/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima High-NRC)	6.14	0.58
	For Up To 50, Add	1.57	
	For >50 To 200, Add	0.94	
	For >200 To 500, Add	0.39	
	For >2,500 To 4,000, Deduct	-0.15	
	For >4,000 To 5,000, Deduct	-0.31	
	For >5,000, Deduct	-0.50	
	For Individual Room Quantities <495, Add	0.94	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.73	
	For Ceilings >10' High, Add	0.12	
09 51 13 00-0071	SF 2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™)	6.43	0.46
	For Up To 50, Add	1.57	
	For >50 To 200, Add	0.95	
	For >200 To 500, Add	0.40	
	For >2,500 To 4,000, Deduct	-0.16	
	For >4,000 To 5,000, Deduct	-0.32	
	For >5,000, Deduct	-0.52	
	For Individual Room Quantities <495, Add	0.95	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.68	
	For Ceilings >10' High, Add	0.11	
09 51 13 00-0072	SF 2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™)	6.43	0.46
	For Up To 50, Add	1.57	
	For >50 To 200, Add	0.95	
	For >200 To 500, Add	0.40	
	For >2,500 To 4,000, Deduct	-0.16	
	For >4,000 To 5,000, Deduct	-0.32	
	For >5,000, Deduct	-0.52	
	For Individual Room Quantities <495, Add	0.95	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.68	
	For Ceilings >10' High, Add	0.11	
09 51 13 00-0073	SF 2' x 2' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™).....	6.43	0.46
	For Up To 50, Add	1.57	
	For >50 To 200, Add	0.95	
	For >200 To 500, Add	0.40	
	For >2,500 To 4,000, Deduct	-0.16	
	For >4,000 To 5,000, Deduct	-0.32	
	For >5,000, Deduct	-0.52	
	For Individual Room Quantities <495, Add	0.95	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.68	
	For Ceilings >10' High, Add	0.11	
09 51 13 00-0074	SF 2' x 2' x 7/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™ High-NRC).....	7.30	0.46
	For Up To 50, Add	1.75	
	For >50 To 200, Add	1.06	
	For >200 To 500, Add	0.45	
	For >2,500 To 4,000, Deduct	-0.18	
	For >4,000 To 5,000, Deduct	-0.37	
	For >5,000, Deduct	-0.59	
	For Individual Room Quantities <495, Add	1.06	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.73	
	For Ceilings >10' High, Add	0.12	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
09 51 13 00-0075	SF 2' x 4' x 7/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™ High-NRC)		7.19	0.46
	For Up To 50, Add		1.73	
	For >50 To 200, Add		1.05	
	For >200 To 500, Add		0.44	
	For >2,500 To 4,000, Deduct		-0.18	
	For >4,000 To 5,000, Deduct		-0.36	
	For >5,000, Deduct		-0.58	
	For Individual Room Quantities <495, Add		1.05	
	Note: For use with projects >500 SF			
	For Vertical Application, Add		0.73	
	For Ceilings >10' High, Add		0.12	
09 51 13 00-0076	SF 2' x 2' x 7/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™ High-NRC)		7.25	0.46
	For Up To 50, Add		1.74	
	For >50 To 200, Add		1.05	
	For >200 To 500, Add		0.44	
	For >2,500 To 4,000, Deduct		-0.18	
	For >4,000 To 5,000, Deduct		-0.36	
	For >5,000, Deduct		-0.58	
	For Individual Room Quantities <495, Add		1.05	
	Note: For use with projects >500 SF			
	For Vertical Application, Add		0.73	
	For Ceilings >10' High, Add		0.12	
09 51 13 00-0077	SF 2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong VL).....		6.78	0.46
	For Up To 50, Add		1.62	
	For >50 To 200, Add		0.98	
	For >200 To 500, Add		0.41	
	For >2,500 To 4,000, Deduct		-0.17	
	For >4,000 To 5,000, Deduct		-0.34	
	For >5,000, Deduct		-0.55	
	For Individual Room Quantities <495, Add		0.98	
	Note: For use with projects >500 SF			
	For Vertical Application, Add		0.68	
	For Ceilings >10' High, Add		0.11	
09 51 13 00-0078	SF 2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong VL).....		6.66	0.46
	For Up To 50, Add		1.60	
	For >50 To 200, Add		0.97	
	For >200 To 500, Add		0.41	
	For >2,500 To 4,000, Deduct		-0.17	
	For >4,000 To 5,000, Deduct		-0.33	
	For >5,000, Deduct		-0.54	
	For Individual Room Quantities <495, Add		0.97	
	Note: For use with projects >500 SF			
	For Vertical Application, Add		0.68	
	For Ceilings >10' High, Add		0.11	
09 51 13 00-0079	SF 2' x 2' x 1" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Calla).....		7.37	0.58
	For Up To 50, Add		1.76	
	For >50 To 200, Add		1.06	
	For >200 To 500, Add		0.45	
	For >2,500 To 4,000, Deduct		-0.18	
	For >4,000 To 5,000, Deduct		-0.37	
	For >5,000, Deduct		-0.59	
	For Individual Room Quantities <495, Add		1.06	
	Note: For use with projects >500 SF			
	For Vertical Application, Add		0.73	
	For Ceilings >10' High, Add		0.12	
09 51 13 00-0080	SF 2' x 4' x 1" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Calla).....		7.37	0.58
	For Up To 50, Add		1.76	
	For >50 To 200, Add		1.06	
	For >200 To 500, Add		0.45	
	For >2,500 To 4,000, Deduct		-0.18	
	For >4,000 To 5,000, Deduct		-0.37	
	For >5,000, Deduct		-0.59	
	For Individual Room Quantities <495, Add		1.06	
	Note: For use with projects >500 SF			
	For Vertical Application, Add		0.73	
	For Ceilings >10' High, Add		0.12	
09 51 13 00-0081	SF 2' x 2' x 1" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Calla)		7.37	0.46
	For Up To 50, Add		1.76	
	For >50 To 200, Add		1.06	
	For >200 To 500, Add		0.45	
	For >2,500 To 4,000, Deduct		-0.18	
	For >4,000 To 5,000, Deduct		-0.37	
	For >5,000, Deduct		-0.59	
	For Individual Room Quantities <495, Add		1.06	
	Note: For use with projects >500 SF			
	For Vertical Application, Add		0.73	
	For Ceilings >10' High, Add		0.12	
09 51 13 00-0082	SF 2' x 4' x 1" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Calla)		7.37	0.58
	For Up To 50, Add		1.76	
	For >50 To 200, Add		1.06	
	For >200 To 500, Add		0.45	
	For >2,500 To 4,000, Deduct		-0.18	
	For >4,000 To 5,000, Deduct		-0.37	
	For >5,000, Deduct		-0.59	
	For Individual Room Quantities <495, Add		1.06	
	Note: For use with projects >500 SF			
	For Vertical Application, Add		0.73	
	For Ceilings >10' High, Add		0.12	

09 Finishes

09 50 Ceilings

09 51 Acoustical Ceilings

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 51 13 00-0083	SF 20" x 60" x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (USG Radar™ 2617).....	2.63	0.46
	<i>For Individual Room Quantities <495, Add</i>	0.57	
	<i>Note: For use with projects >500 SF</i>		
	<i>For Vertical Application, Add</i>	0.68	
	<i>For Ceilings >10' High, Add</i>	0.11	
09 51 13 00-0084	SF 20" x 60" x 5/8" Thick, Tapered Edge, Mineral Fiber Acoustical Ceiling Panel (USG Radar™ 2627).....	2.71	0.46
	<i>For Individual Room Quantities <495, Add</i>	0.57	
	<i>Note: For use with projects >500 SF</i>		
	<i>For Vertical Application, Add</i>	0.68	
	<i>For Ceilings >10' High, Add</i>	0.11	
09 51 13 00-0085	SF 2' x 4' x 3/4" Tapered Edge, Mineral Fiber Acoustical Ceiling Panel (USG Radar™ Illusion Basic Two 2742).....	4.06	0.46
	<i>For Individual Room Quantities <495, Add</i>	0.71	
	<i>Note: For use with projects >500 SF</i>		
	<i>For Vertical Application, Add</i>	0.68	
	<i>For Ceilings >10' High, Add</i>	0.11	
09 51 13 00-0086	Wood Fiber Panels <small>(09 51 13)</small>		
09 51 13 00-0087	SF 2' x 2' x 1/2" Wood Fiber Acoustical Ceiling Panels.....	6.59	0.69
	<i>For Up To 50, Add</i>	1.82	
	<i>For >50 To 200, Add</i>	1.07	
	<i>For >200 To 500, Add</i>	0.43	
	<i>For >2,500 To 4,000, Deduct</i>	-0.16	
	<i>For >4,000 To 5,000, Deduct</i>	-0.33	
	<i>For >5,000, Deduct</i>	-0.55	
	<i>For Individual Room Quantities <495, Add</i>	1.07	
	<i>Note: For use with projects >500 SF</i>		
	<i>For Ceilings >10' High, Add</i>	0.16	
09 51 13 00-0088	SF 2' x 4' x 1/2" Wood Fiber Acoustical Ceiling Panels.....	6.38	0.69
	<i>For Up To 50, Add</i>	1.70	
	<i>For >50 To 200, Add</i>	1.01	
	<i>For >200 To 500, Add</i>	0.41	
	<i>For >2,500 To 4,000, Deduct</i>	-0.16	
	<i>For >4,000 To 5,000, Deduct</i>	-0.32	
	<i>For >5,000, Deduct</i>	-0.53	
	<i>For Individual Room Quantities <495, Add</i>	1.01	
	<i>Note: For use with projects >500 SF</i>		
	<i>For Ceilings >10' High, Add</i>	0.14	
09 51 13 00-0089	SF 2' x 2' x 5/8" Wood Fiber Acoustical Ceiling Panels.....	8.61	0.69
	<i>For Up To 50, Add</i>	2.12	
	<i>For >50 To 200, Add</i>	1.28	
	<i>For >200 To 500, Add</i>	0.53	
	<i>For >2,500 To 4,000, Deduct</i>	-0.22	
	<i>For >4,000 To 5,000, Deduct</i>	-0.43	
	<i>For >5,000, Deduct</i>	-0.70	
	<i>For Individual Room Quantities <495, Add</i>	1.28	
	<i>Note: For use with projects >500 SF</i>		
	<i>For Ceilings >10' High, Add</i>	0.16	
09 51 13 00-0090	SF 2' x 4' x 5/8" Wood Fiber Acoustical Ceiling Panels.....	8.40	0.69
	<i>For Up To 50, Add</i>	2.00	
	<i>For >50 To 200, Add</i>	1.21	
	<i>For >200 To 500, Add</i>	0.51	
	<i>For >2,500 To 4,000, Deduct</i>	-0.21	
	<i>For >4,000 To 5,000, Deduct</i>	-0.42	
	<i>For >5,000, Deduct</i>	-0.68	
	<i>For Individual Room Quantities <495, Add</i>	1.21	
	<i>Note: For use with projects >500 SF</i>		
	<i>For Ceilings >10' High, Add</i>	0.14	
09 51 13 00-0091	SF 2' x 2' x 3/4" Wood Fiber Acoustical Ceiling Panels.....	10.55	0.69
	<i>For Up To 50, Add</i>	2.41	
	<i>For >50 To 200, Add</i>	1.47	
	<i>For >200 To 500, Add</i>	0.63	
	<i>For >2,500 To 4,000, Deduct</i>	-0.26	
	<i>For >4,000 To 5,000, Deduct</i>	-0.53	
	<i>For >5,000, Deduct</i>	-0.84	
	<i>For Individual Room Quantities <495, Add</i>	1.47	
	<i>Note: For use with projects >500 SF</i>		
	<i>For Ceilings >10' High, Add</i>	0.16	
09 51 13 00-0092	SF 2' x 4' x 3/4" Wood Fiber Acoustical Ceiling Panels.....	10.34	0.69
	<i>For Up To 50, Add</i>	2.30	
	<i>For >50 To 200, Add</i>	1.41	
	<i>For >200 To 500, Add</i>	0.61	
	<i>For >2,500 To 4,000, Deduct</i>	-0.26	
	<i>For >4,000 To 5,000, Deduct</i>	-0.52	
	<i>For >5,000, Deduct</i>	-0.82	
	<i>For Individual Room Quantities <495, Add</i>	1.41	
	<i>Note: For use with projects >500 SF</i>		
	<i>For Ceilings >10' High, Add</i>	0.14	
09 51 13 00-0093	SF 2' x 2' x 1" Wood Fiber Acoustical Ceiling Panels.....	7.77	0.69
	<i>For Up To 50, Add</i>	1.99	
	<i>For >50 To 200, Add</i>	1.19	
	<i>For >200 To 500, Add</i>	0.49	
	<i>For >2,500 To 4,000, Deduct</i>	-0.19	
	<i>For >4,000 To 5,000, Deduct</i>	-0.39	
	<i>For >5,000, Deduct</i>	-0.63	
	<i>For Individual Room Quantities <495, Add</i>	1.19	
	<i>Note: For use with projects >500 SF</i>		
	<i>For Ceilings >10' High, Add</i>	0.16	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0094	SF		2' x 4' x 1" Wood Fiber Acoustical Ceiling Panels	7.56	0.69
			For Up To 50, Add	1.88	
			For >50 To 200, Add	1.13	
			For >200 To 500, Add	0.47	
			For >2,500 To 4,000, Deduct	-0.19	
			For >4,000 To 5,000, Deduct	-0.38	
			For >5,000, Deduct	-0.61	
			For Individual Room Quantities <495, Add	1.13	
			Note: For use with projects >500 SF		
			For Ceilings >10' High, Add	0.14	
09 51 13 00-0095			Removal And Reinstallation Of Acoustical Ceiling Panels (09 51 13)		
			Note: 2'x2' Or 2'x4'. Includes storage and cleaning.		
09 51 13 00-0096	SF		Removal And Reinstallation Of Acoustical Panels Only	2.38	
			For Up To 50, Add	1.31	
			For >50 To 200, Add	0.71	
			For >200 To 500, Add	0.24	
			For >2,500 To 4,000, Deduct	-0.06	
			For >4,000 To 5,000, Deduct	-0.12	
			For >5,000, Deduct	-0.24	
			For Ceilings >10' High, Add	0.18	
09 51 23			Acoustical Tile Ceilings (09 51)		
			Note: Includes fastening with staples and/or adhesive.		
09 51 23 00-0001			Mineral Fiber Acoustical Tile Ceilings (09 51 23)		
09 51 23 00-0002	SF		12" x 12" x 1/2" Tongue And Groove Mineral Fiber Acoustical Ceiling Tile	6.01	1.28
			For Furring 1 x 3 Strips 12" On Center, Add	0.50	
			For Up To 50, Add	2.07	
			For >50 To 200, Add	1.18	
			For >200 To 500, Add	0.45	
			For >2,500, Deduct	-0.30	
			For Ceilings >10' High, Add	0.22	
09 51 23 00-0003	SF		12" x 12" x 5/8" Spline Mineral Fiber Acoustical Ceiling Tile.....	7.17	1.28
			For Furring 1 x 3 Strips 12" On Center, Add	0.50	
			For Up To 50, Add	2.24	
			For >50 To 200, Add	1.30	
			For >200 To 500, Add	0.50	
			For >2,500, Deduct	-0.36	
			For Placing Tiles In Suspended Ceiling System, Deduct	-0.50	
			For Ceilings >10' High, Add	0.22	
09 51 23 00-0004	SF		12" x 12" x 3/4" Spline Mineral Fiber Acoustical Ceiling Tile.....	8.10	1.28
			For Furring 1 x 3 Strips 12" On Center, Add	0.50	
			For Up To 50, Add	2.38	
			For >50 To 200, Add	1.39	
			For >200 To 500, Add	0.55	
			For >2,500, Deduct	-0.41	
			For Placing Tiles In Suspended Ceiling System, Deduct	-0.50	
			For Ceilings >10' High, Add	0.22	
09 51 23 00-0005			Wood Fiber Acoustical Tile Ceilings (09 51 23)		
09 51 23 00-0006	SF		12" x 12" x 1/2" Staple Flange Wood Fiber Acoustical Ceiling Tile.....	5.53	1.28
			For Furring 1 x 3 Strips 12" On Center, Add	0.50	
			For Up To 50, Add	1.99	
			For >50 To 200, Add	1.14	
			For >200 To 500, Add	0.42	
			For >2,500, Deduct	-0.28	
			For Ceilings >10' High, Add	0.22	
09 51 33			Acoustical Metal Pan Ceilings (09 51)		
09 51 33 13			Acoustical Snap-in Metal Pan Ceilings (09 51 33)		
09 51 33 13-0001			Galvanized Steel, Acoustical Snap-In Metal Ceiling Panels (09 51 33 13)		
09 51 33 13-0002	SF		24" x 24", Unperforated, Tamper-Resistant, 18 Gauge, Galvanized Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ SecureLock™).....	22.42	1.02
09 51 33 13-0003	SF		24" x 24", Perforated, Tamper-Resistant, 18 Gauge, Galvanized Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ SecureLock™).....	24.00	1.02
09 51 33 13-0004			Aluminum, Acoustical Snap-In Metal Ceiling Panels (09 51 33 13)		
09 51 33 13-0005	SF		24" x 24", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	16.66	1.17
09 51 33 13-0006	SF		24" x 24", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	28.38	1.17
09 51 33 13-0007	SF		24" x 24", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	55.69	1.17
09 51 33 13-0008	SF		24" x 24", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	25.13	1.17
09 51 33 13-0009	SF		24" x 24", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	17.60	1.17
09 51 33 13-0010	SF		24" x 24", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	27.65	1.17
09 51 33 13-0011	SF		24" x 24", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	55.27	1.17

09 Finishes**09 50 Ceilings****09 51 Acoustical Ceilings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 51 33 13-0012	SF	24" x 24", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	24.93	1.17
09 51 33 13-0013	SF	30" x 30", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	22.73	1.17
09 51 33 13-0014	SF	30" x 30", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	29.95	1.17
09 51 33 13-0015	SF	30" x 30", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	61.45	1.17
09 51 33 13-0016	SF	30" x 30", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	29.63	1.17
09 51 33 13-0017	SF	30" x 30", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	24.09	1.17
09 51 33 13-0018	SF	30" x 30", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	30.68	1.17
09 51 33 13-0019	SF	30" x 30", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	63.54	1.17
09 51 33 13-0020	SF	30" x 30", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	30.37	1.17
09 51 33 13-0021	SF	12" x 48", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	20.53	1.17
09 51 33 13-0022	SF	12" x 48", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	33.72	1.17
09 51 33 13-0023	SF	12" x 48", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	60.09	1.17
09 51 33 13-0024	SF	12" x 48", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	28.90	1.17
09 51 33 13-0025	SF	12" x 48", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	22.10	1.17
09 51 33 13-0026	SF	12" x 48", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	34.13	1.17
09 51 33 13-0027	SF	12" x 48", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	62.29	1.17
09 51 33 13-0028	SF	12" x 48", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	29.84	1.17
09 51 33 13-0029	SF	24" x 48", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	16.22	1.17
09 51 33 13-0030	SF	24" x 48", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	25.01	1.17
09 51 33 13-0031	SF	24" x 48", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	52.22	1.17
09 51 33 13-0032	SF	24" x 48", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	23.75	1.17
09 51 33 13-0033	SF	24" x 48", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	17.26	1.17
09 51 33 13-0034	SF	24" x 48", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	24.80	1.17
09 51 33 13-0035	SF	24" x 48", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	52.32	1.17
09 51 33 13-0036	SF	24" x 48", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	23.75	1.17

09 51 33 23 Acoustical Lay-in Metal Pan Ceilings (09 51 33)**09 51 33 23-0001 Acoustical Lay-In Metal Pan Ceilings (09 51 33 23)****09 51 33 23-0002 Aluminum, Acoustical Lay-In Metal Ceiling Panels (09 51 33 23-0001)**

09 51 33 23-0003	SF	24" x 24", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	17.44	0.88
09 51 33 23-0004	SF	24" x 24", Unperforated, Metallic Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	19.79	0.88
09 51 33 23-0005	SF	24" x 24", Unperforated, Wood Tone Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	29.21	0.88
09 51 33 23-0006	SF	24" x 24", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	24.76	0.88
09 51 33 23-0007	SF	24" x 24", Perforated, Metallic Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	26.60	0.88
09 51 33 23-0008	SF	24" x 24", Perforated, Wood Tone Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	42.03	0.88
09 51 33 23-0009	SF	30" x 30", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	26.19	0.88
09 51 33 23-0010	SF	30" x 30", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	32.55	0.88
09 51 33 23-0011	SF	48" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	26.33	0.88
09 51 33 23-0012	SF	48" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	32.74	0.88
09 51 33 23-0013	SF	12" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	26.46	0.88
09 51 33 23-0014	SF	12" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	32.61	0.88
09 51 33 23-0015	SF	24" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	26.46	0.88
09 51 33 23-0016	SF	24" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	32.87	0.88

09 51 33 23-0017 Steel, Acoustical Lay-In Metal Ceiling Panels (09 51 33 23-0001)

09 51 33 23-0018	SF	24" x 24", Unperforated, 0.021" Thick, Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	22.59	0.88
09 51 33 23-0019	SF	24" x 24", Unperforated, 0.021" Thick, Metallic Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	26.98	0.88
09 51 33 23-0020	SF	24" x 24", Unperforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	28.97	0.88
09 51 33 23-0021	SF	24" x 24", Perforated, 0.021" Thick, Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	27.19	0.88
09 51 33 23-0022	SF	24" x 24", Perforated, 0.021" Thick, Metallic Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	27.92	0.88
09 51 33 23-0023	SF	24" x 24", Perforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	29.60	0.88

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 51 33 33 Acoustical Tegular Lay-in Metal Pan Ceilings (09 51 33)

09 51 33 33-0001	Acoustical Tegular Lay-In Metal Pan Ceilings (09 51 33 33)		
09 51 33 33-0002	Steel, Acoustical Tegular Lay-In Metal Pan Ceilings (09 51 33 33-0001)		
09 51 33 33-0003	SF 24" x 24", Unperforated, 0.021" Thick, Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™).....	16.41	0.88
09 51 33 33-0004	SF 24" x 24", Unperforated, 0.021" Thick, Metallic Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™).....	18.51	0.88
09 51 33 33-0005	SF 24" x 24", Unperforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™).....	26.25	0.88
09 51 33 33-0006	SF 24" x 24", Perforated, 0.021" Thick, Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™).....	18.71	0.88
09 51 33 33-0007	SF 24" x 24", Perforated, 0.021" Thick, Metallic Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™).....	21.23	0.88
09 51 33 33-0008	SF 24" x 24", Perforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™).....	28.66	0.88

09 53 Acoustical Ceiling Suspension Assemblies (09 50)

09 53 23 Metal Acoustical Ceiling Suspension Assemblies (09 53)

09 53 23 00-0001	Ceiling Suspension Systems (09 53 23)		
	Note: Hot-dipped galvanized steel. Includes single 8 gauge wire hangers (between 3' To 4') attached from wood deck or wood members above to main members 4' on center. Includes all main tees, cross tees, wall angle, wall anchors, connector clips, hold down clips, double faced tape (where required). All above shall be mechanically installed by minimum 2-1/4" x 3/8" wedge anchors. Excludes chain supports for lights.		
09 53 23 00-0002	SF 1' x 1' Grid, Concealed, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System.....	4.90	0.58
	Note: Excludes ceiling tile.		
	For Fastening To Concrete, Add	1.37	
	For Fastening To Steel, Add	1.50	
	For Vertical Application, Add	2.21	
	For Individual Room Quantities <495, Add	0.50	
	Note: For use with projects >500 SF		
	For Up To 50, Add	1.75	
	For >50 To 200, Add	1.00	
	For >200 To 500, Add	0.37	
	For >2,500 To 4,000, Deduct	-0.11	
	For >4,000 To 5,000, Deduct	-0.20	
	For >5,000, Deduct	-0.28	
	For Ceilings >10' High, Add	0.19	
09 53 23 00-0003	SF 1' x 2' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System.....	3.93	0.58
	For UL Listed (Fire Guard), Add	0.27	
	For 1-1/2" Wide Faced Grid, Add	0.51	
	For Fastening To Concrete, Add	1.33	
	For Fastening To Steel, Add	1.46	
	For Vertical Application, Add	1.85	
	For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	2.50	
	For Individual Room Quantities <495, Add	0.41	
	Note: For use with projects >500 SF		
	For Aluminum T-Bar System, Add	0.82	
	For Up To 50, Add	1.43	
	For >50 To 200, Add	0.82	
	For >200 To 500, Add	0.30	
	For >2,500 To 4,000, Deduct	-0.09	
	For >4,000 To 5,000, Deduct	-0.16	
	For >5,000, Deduct	-0.23	
	For Ceilings >10' High, Add	0.16	
09 53 23 00-0004	SF 2' x 2' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System.....	3.27	0.58
	For UL Listed (Fire Guard), Add	0.20	
	For 1-1/2" Wide Faced Grid, Add	0.37	
	For Fastening To Concrete, Add	1.31	
	For Fastening To Steel, Add	1.44	
	For Vertical Application, Add	1.70	
	For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	2.50	
	For Individual Room Quantities <495, Add	0.36	
	Note: For use with projects >500 SF		
	For Aluminum T-Bar System, Add	0.60	
	For Up To 50, Add	1.27	
	For >50 To 200, Add	0.72	
	For >200 To 500, Add	0.26	
	For >2,500 To 4,000, Deduct	-0.08	
	For >4,000 To 5,000, Deduct	-0.14	
	For >5,000, Deduct	-0.20	
	For Black Grid, Add	0.17	
	For Ceilings >10' High, Add	0.15	
	For Concealed Spline Grid, Add	0.53	

09 Finishes

09 50 Ceilings

09 53 Acoustical Ceiling Suspension Assemblies

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 53 23 00-0005	SF	2' x 4' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System.....	2.71	0.58
		For UL Listed (Fire Guard), Add	0.16	
		For 1-1/2" Wide Faced Grid, Add	0.30	
		For Fastening To Concrete, Add	1.28	
		For Fastening To Steel, Add	1.41	
		For Vertical Application, Add	1.63	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	2.50	
		For Individual Room Quantities <495, Add	0.30	
		Note: For use with projects >500 SF		
		For Aluminum T-Bar System, Add	0.49	
		For Up To 50, Add	1.06	
		For >50 To 200, Add	0.60	
		For >200 To 500, Add	0.22	
		For >2,500 To 4,000, Deduct	-0.06	
		For >4,000 To 5,000, Deduct	-0.11	
		For >5,000, Deduct	-0.17	
		For Black Grid, Add	0.14	
		For Ceilings >10' High, Add	0.12	
		For Concealed Spline Grid, Add	0.43	
09 53 23 00-0006	SF	1'-8" To 2' x 5' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System	2.39	0.58
		For UL Listed (Fire Guard), Add	0.15	
		For 1-1/2" Wide Faced Grid, Add	0.28	
		For Fastening To Concrete, Add	1.26	
		For Fastening To Steel, Add	1.39	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	2.50	
		For Individual Room Quantities <495, Add	0.26	
		Note: For use with projects >500 SF		
		For Aluminum T-Bar System, Add	0.45	
		For Up To 50, Add	0.92	
		For >50 To 200, Add	0.52	
		For >200 To 500, Add	0.19	
		For >2,500 To 4,000, Deduct	-0.05	
		For >4,000 To 5,000, Deduct	-0.10	
		For >5,000, Deduct	-0.14	
		For Ceilings >10' High, Add	0.11	
09 53 23 00-0007	SF	2' x 2' Grid, Hot Dipped Galvanized Steel, 9/16" T Bar Ceiling Suspension System.....	3.54	0.58
		For UL Listed (Fire Guard), Add	0.24	
		For Fastening To Concrete, Add	1.31	
		For Fastening To Steel, Add	1.44	
		For Vertical Application, Add	1.70	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	2.50	
		For Individual Room Quantities <495, Add	0.37	
		Note: For use with projects >500 SF		
		For Up To 50, Add	1.31	
		For >50 To 200, Add	0.74	
		For >200 To 500, Add	0.27	
		For >2,500 To 4,000, Deduct	-0.08	
		For >4,000 To 5,000, Deduct	-0.15	
		For >5,000, Deduct	-0.21	
		For Black Grid, Add	0.20	
		For Ceilings >10' High, Add	0.15	
09 53 23 00-0008	SF	2' x 4' Grid, Hot Dipped Galvanized Steel, 9/16" T Bar Ceiling Suspension System.....	2.93	0.58
		For UL Listed (Fire Guard), Add	0.20	
		For Fastening To Concrete, Add	1.28	
		For Fastening To Steel, Add	1.41	
		For Vertical Application, Add	1.63	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	2.50	
		For Individual Room Quantities <495, Add	0.31	
		Note: For use with projects >500 SF		
		For Up To 50, Add	1.09	
		For >50 To 200, Add	0.62	
		For >200 To 500, Add	0.23	
		For >2,500 To 4,000, Deduct	-0.07	
		For >4,000 To 5,000, Deduct	-0.12	
		For >5,000, Deduct	-0.17	
		For Black Grid, Add	0.16	
		For Ceilings >10' High, Add	0.12	
09 53 23 00-0009		Ceiling Suspension System Accessories (09 53 23)		
09 53 23 00-0010	LF	Pencil Rod Support For Suspended Ceiling with Accessories.....	1.43	
09 53 23 00-0011	LF	1" x 1/8" Flat Bar Bracing For Suspended Ceiling	3.49	1.63
		For 304 Stainless Steel, Add	2.96	
		For 316 Stainless Steel, Add	3.33	
		For Aluminum, Add	0.19	
		For Galvanized Steel, Add	0.64	
09 53 23 00-0012	LF	1" x 3/16" Flat Bar Bracing For Suspended Ceiling.....	4.98	1.74
		For 304 Stainless Steel, Add	4.50	
		For 316 Stainless Steel, Add	5.06	
		For Aluminum, Add	0.28	
		For Galvanized Steel, Add	0.98	
09 53 23 00-0013	LF	1-1/2" x 1/4" Flat Bar Bracing For Suspended Ceiling	6.99	1.86
		For 304 Stainless Steel, Add	9.01	
		For 316 Stainless Steel, Add	10.11	
		For Aluminum, Add	0.57	
		For Galvanized Steel, Add	1.96	
09 53 23 00-0014	EA	2', Exposed 15/16" Hot-dipped Galvanized Steel, Suspended Ceiling Cross Tee	7.47	0.34
		Note: Can be used to convert an existing 2' x 4' suspension system to a 2' x 2' system or to replace an individual component.		
09 53 23 00-0015	EA	Lateral Support For Suspended Ceiling Channel, Installed 12'-0" On Center Maximum	30.85	8.78
		Note: Includes vertical centerl strut and four 12 gauge diagonal wires.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 53 23 00-0016	EA		Up To 30" Compression Posts, Telescopic, With Splay Wires, Attached To Structure For Suspended Ceiling	75.25	23.65
09 53 23 00-0017	EA		>30" To 48" Compression Posts, Telescopic, With Splay Wires, Attached To Structure For Suspended Ceiling.....	77.93	24.10
09 53 23 00-0018	EA		>48" To 84" Compression Posts, Telescopic, With Splay Wires, Attached To Structure For Suspended Ceiling.....	87.00	24.10

09 53 23 00-0019 Removal And Reinstallation Of Acoustical Ceiling Suspension Assembly (09 53)

<p><small>23)</small> Note: 2'x2' Or 2'x4'. Includes storage and cleaning.</p>					
09 53 23 00-0020	SF		Removal And Reinstallation Of Acoustical Ceiling Tile And Grid, 2' x 2' Or 2' x 4'	3.21	
<p>Note: Suspension system tie wire, wall angles and bracing to remain in place.</p>					
			<i>For Up To 50, Add</i>	1.77	
			<i>For >50 To 200, Add</i>	0.96	
			<i>For >200 To 500, Add</i>	0.32	
			<i>For >2,500 To 4,000, Deduct</i>	-0.08	
			<i>For >4,000 To 5,000, Deduct</i>	-0.16	
			<i>For >5,000, Deduct</i>	-0.24	
			<i>For Ceilings >10' High, Add</i>	0.24	
09 53 23 00-0021	SF		Removal And Reinstallation Of Grid System Only	1.40	
<p>Note: Suspension system tie wire, wall angles and bracing to remain in place.</p>					
			<i>For Up To 50, Add</i>	0.77	
			<i>For >50 To 200, Add</i>	0.42	
			<i>For >200 To 500, Add</i>	0.14	
			<i>For >2,500 To 4,000, Deduct</i>	-0.04	
			<i>For >4,000 To 5,000, Deduct</i>	-0.07	
			<i>For >5,000, Deduct</i>	-0.11	
			<i>For Ceilings >10' High, Add</i>	0.11	

09 54 Specialty Ceilings (09 50)

09 54 16 Luminous Ceilings (09 54)

09 54 16 00-0001 Translucent Ceiling Panels (09 54 16)

09 54 16 00-0002	SF		2' x 2' x 0.013" Thick, Rigid Vinyl Plastic, Translucent Ceiling Panel	3.55	0.58
			<i>For Ceilings >10' High, Add</i>	0.10	
			<i>For >100 To 200, Deduct</i>	-0.16	
			<i>For >200 To 300, Deduct</i>	-0.40	
			<i>For >300, Deduct</i>	-0.69	

09 54 23 Linear Metal Ceilings (09 54)

09 54 23 00-0001 Linear Ceiling Systems (09 54 23)

09 54 23 00-0002 0.032" Aluminum, Linear Ceiling Systems (09 54 23 00-0001)

Note: For flat ceilings. Includes round or box style panels with KYNAR 5000® or HYLAR 5000® PVDF finish. Includes ceiling suspension system and flush or recessed filler strips.

09 54 23 00-0003	SF		4" Panel Width, 0.032" Aluminum, Linear Ceiling System	21.94	2.37
			<i>For Up To 50, Add</i>	5.57	
			<i>For >50 To 200, Add</i>	3.33	
			<i>For >200 To 500, Add</i>	1.38	
			<i>For >2,500, Deduct</i>	-1.10	
			<i>For Ceilings >10' High, Add</i>	0.43	
			<i>For Linear Ceiling Systems Without Filler Strips, Deduct</i>	-4.02	
			<i>For Curved Ceilings, Add</i>	1.36	
09 54 23 00-0004	SF		8" Panel Width, 0.032" Aluminum, Linear Ceiling System	17.65	2.37
			<i>For Up To 50, Add</i>	4.88	
			<i>For >50 To 200, Add</i>	2.88	
			<i>For >200 To 500, Add</i>	1.16	
			<i>For >2,500, Deduct</i>	-0.88	
			<i>For Ceilings >10' High, Add</i>	0.42	
			<i>For Linear Ceiling Systems Without Filler Strips, Deduct</i>	-2.00	
			<i>For Curved Ceilings, Add</i>	1.34	
09 54 23 00-0005	SF		12" Panel Width, 0.032" Aluminum, Linear Ceiling System	15.99	2.37
			<i>For Up To 50, Add</i>	4.58	
			<i>For >50 To 200, Add</i>	2.69	
			<i>For >200 To 500, Add</i>	1.07	
			<i>For >2,500, Deduct</i>	-0.80	
			<i>For Ceilings >10' High, Add</i>	0.41	
			<i>For Linear Ceiling Systems Without Filler Strips, Deduct</i>	-1.33	
			<i>For Curved Ceilings, Add</i>	1.31	

09 54 23 00-0006 Tin Ceilings (09 54 23)

09 54 23 00-0007	SF		2' x 2' Tin Ceiling Embossed Panels	24.77	3.68
			<i>For Up To 50, Add</i>	5.49	
			<i>For >50 To 200, Add</i>	3.36	
			<i>For >200 To 500, Add</i>	1.46	
			<i>For >2,500, Deduct</i>	-1.24	
			<i>For Ceilings >10' High, Add</i>	0.33	
09 54 23 00-0008	SF		12" x 12" Tin Ceiling Embossed Plates	37.09	2.37
			<i>For Up To 50, Add</i>	7.43	
			<i>For >50 To 200, Add</i>	4.64	
			<i>For >200 To 500, Add</i>	2.09	
			<i>For >2,500, Deduct</i>	-1.85	
			<i>For Ceilings >10' High, Add</i>	0.35	

09 Finishes**09 50 Ceilings****09 54 Specialty Ceilings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 54 23 00-0009	SF	12" x 24" Tin Ceiling Embossed Plates.....	26.77	2.37
		<i>For Up To 50, Add</i>	5.88	
		<i>For >50 To 200, Add</i>	3.61	
		<i>For >200 To 500, Add</i>	1.57	
		<i>For >2,500, Deduct</i>	-1.34	
		<i>For Ceilings >10' High, Add</i>	0.35	
09 54 23 00-0010	SF	24" x 24" Tin Ceiling Embossed Plates.....	24.59	2.37
		<i>For Up To 50, Add</i>	5.41	
		<i>For >50 To 200, Add</i>	3.32	
		<i>For >200 To 500, Add</i>	1.45	
		<i>For >2,500, Deduct</i>	-1.23	
		<i>For Ceilings >10' High, Add</i>	0.32	
09 54 23 00-0011	SF	24" x 48" Tin Ceiling Embossed Plates.....	21.45	1.77
		<i>For Up To 50, Add</i>	4.73	
		<i>For >50 To 200, Add</i>	2.90	
		<i>For >200 To 500, Add</i>	1.26	
		<i>For >2,500, Deduct</i>	-1.07	
		<i>For Ceilings >10' High, Add</i>	0.28	
09 54 23 00-0012	LF	3" Or 4" Wide Embossed Molding.....	15.88	3.56
		<i>For Ceilings >10' High, Add</i>	0.52	
09 54 23 00-0013	LF	6" Wide Embossed Molding.....	20.09	4.15
		<i>For Ceilings >10' High, Add</i>	0.58	
09 54 23 00-0014	LF	12" Wide Embossed Molding.....	27.10	4.86
		<i>For Ceilings >10' High, Add</i>	0.73	
09 54 23 00-0015	EA	3", 4" Or 6" Wide Embossed Cross, Tee Or Ell.....	45.56	11.26
		<i>For Ceilings >10' High, Add</i>	1.65	
09 54 23 00-0016	EA	12" Wide Embossed Cross, Tee Or Ell.....	64.11	13.16
		<i>For Ceilings >10' High, Add</i>	1.98	

09 57 Special Function Ceilings (09 50)**09 57 63 High Impact Ceilings** (09 57)**09 57 63 00-0001 High Impact Ceilings** (09 57 63)

09 57 63 00-0002	SF	Polyvinyl Chloride Face High Impact Ceiling Panels.....	12.33	1.17
		<i>For Ceilings >10' High, Add</i>	0.14	
09 57 63 00-0003	EA	High Impact Clips.....	5.63	0.93
		<i>For Ceilings >10' High, Add</i>	0.22	

09 60 Flooring (09)

Note: Perform moisture testing as recommended by manufacturer.

09 61 Flooring Treatment (09 60)**09 61 13 Slip-Resistant Flooring Treatment** (09 61)**09 61 13 00-0001 Anti-Slip Tape** (09 61 13)

Note: Grit sandpaper surface with adhesive back.

09 61 13 00-0002	LF	1" Anti-Slip Tape.....	3.06	2.32
09 61 13 00-0003	LF	2" Anti-Slip Tape.....	3.88	2.56
09 61 13 00-0004	LF	3" Anti-Slip Tape.....	4.68	2.82
09 61 13 00-0005	LF	4" Anti-Slip Tape.....	5.42	3.09
09 61 13 00-0006	LF	6" Anti-Slip Tape.....	6.93	3.41
09 61 13 00-0007	LF	12" Anti-Slip Tape.....	12.10	5.10
09 61 13 00-0008	LF	24" Anti-Slip Tape.....	17.13	7.67

09 63 Masonry Flooring (09 60)**09 63 13 Brick Flooring** (09 63)**09 63 13 00-0001 Clay Bricks** (09 63 13)

09 63 13 00-0002	SF	2-1/4" Thick Clay Brick Floor.....	26.08	9.75
		<i>For Basket Weave Pattern, Add</i>	2.08	
		<i>For Herringbone Pattern, Add</i>	2.78	
		<i>For Epoxy Joints, Add</i>	5.19	
09 63 13 00-0003	SF	3" Thick Clay Brick Floor.....	29.11	9.75
		<i>For Basket Weave Pattern, Add</i>	2.08	
		<i>For Herringbone Pattern, Add</i>	2.78	
		<i>For Epoxy Joints, Add</i>	5.19	
09 63 13 00-0004	SF	1/2" Thick Unglazed Clay Brick Floor.....	17.56	9.75
		<i>For Basket Weave Pattern, Add</i>	2.08	
		<i>For Herringbone Pattern, Add</i>	2.78	
		<i>For Epoxy Joints, Add</i>	5.19	
09 63 13 00-0005	SF	1/2" Thick Glazed Clay Brick Floor.....	20.31	9.75
		<i>For Basket Weave Pattern, Add</i>	2.08	
		<i>For Herringbone Pattern, Add</i>	2.78	
		<i>For Epoxy Joints, Add</i>	5.19	
09 63 13 00-0006	SF	3/4" Thick Unglazed Clay Brick Floor.....	18.79	9.75
		<i>For Basket Weave Pattern, Add</i>	2.08	
		<i>For Herringbone Pattern, Add</i>	2.78	
		<i>For Epoxy Joints, Add</i>	5.19	
09 63 13 00-0007	SF	3/4" Thick Glazed Clay Brick Floor.....	22.44	9.75
		<i>For Basket Weave Pattern, Add</i>	2.08	
		<i>For Herringbone Pattern, Add</i>	2.78	
		<i>For Epoxy Joints, Add</i>	5.19	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 63 13 00-0008	SF		15/16" Thick Unglazed Clay Brick Floor..... <i>For Basket Weave Pattern, Add</i> <i>For Herringbone Pattern, Add</i> <i>For Epoxy Joints, Add</i>	19.97 2.08 2.78 5.19	9.75
09 63 13 00-0009	SF		15/16" Thick Glazed Clay Brick Floor <i>For Basket Weave Pattern, Add</i> <i>For Herringbone Pattern, Add</i> <i>For Epoxy Joints, Add</i>	24.59 2.08 2.78 5.19	9.75

09 63 43 Composition Stone Flooring (09 63)

09 63 43 00-0001			Cupric Oxychloride Cement, Seamless Flooring System (09 63 43) Note: Chemical and slip resistant. OSHA and USDA approved.		
09 63 43 00-0002	SF		3/8" Thick, Cupric Oxychloride Cement, Seamless Flooring System, Trowel Applied	18.89	6.05

09 64 Wood Flooring (09 60)
09 64 13 Wood Flooring Underlayment (09 64)

09 64 13 00-0001			Wood Flooring Underlayment (09 64 13)		
09 64 13 00-0002	SF		Regular Weight Red Rosin Paper, Wood Flooring Underlayment	0.54	
09 64 13 00-0003	SF		Heavy Weight Red Rosin Paper, Wood Flooring Underlayment.....	0.55	
09 64 13 00-0004	SF		30 LB, Waxed Paper, Wood Flooring Underlayment	0.58	
09 64 13 00-0005	SF		15 LB, Asphalt Saturated Organic Felt, Wood Flooring Underlayment	0.64	
09 64 13 00-0006	SF		6 Mil Thick, Polyethylene Film, Wood Flooring Underlayment.....	0.58	
09 64 13 00-0007	SF		8 Mil Thick, Polyethylene Film, Wood Flooring Underlayment.....	0.64	
09 64 13 00-0008	SF		1/8" Thick, Natural Cork, Wood Flooring Underlayment	2.39	0.38
09 64 13 00-0009	SF		1/4" Thick, Natural Cork, Wood Flooring Underlayment	2.50	0.38
09 64 13 00-0010	SF		3/32" Thick, Polyethylene Foam, Wood Flooring Underlayment (Roberts® Unison™ 70-025-15)	0.92	
09 64 13 00-0011	SF		2.0mm Thick, Progressive Foam Technology, Wood Flooring Underlayment (Roberts® Quiet Cushion 70-180)	1.13	
09 64 13 00-0012	SF		4.0mm Thick, Compressed Fiber, Wood Flooring Underlayment (Roberts® Super Felt 70-193)	1.21	
09 64 13 00-0013	SF		2.5mm Thick, Closed Cell Foam, Wood Flooring Underlayment (Roberts® Black Jack™ 70-026)	1.46	
09 64 13 00-0014	SF		1/8" Thick, Moisture Barrier, Sound Reduction And Cushioning, Wood Flooring Underlayment (Roberts® AirGuard™ 70-105)	1.48	0.25

09 64 23 Wood Parquet Flooring (09 64)

Note: All wood parquet flooring is prefinished at factory.

09 64 23 00-0001			Hardwood Parquet Flooring (09 64 23)		
09 64 23 00-0002	SF		5/16" Thick Oak Parquet Flooring	12.18	1.17
			<i>For Up To 20, Add</i>	5.10	
			<i>For >20 To 50, Add</i>	2.67	
			<i>For >50 To 100, Add</i>	1.34	
			<i>For >100 To 300, Add</i>	0.67	

09 64 29 Wood Strip and Plank Flooring (09 64)

Note: All wood strip flooring is unfinished, tongue and groove.

09 64 29 00-0001			Unfinished Fir, Wood Strip Flooring (09 64 29)		
09 64 29 00-0002	SF		3-1/8" Plank Width, 3/4" Thick, Plain Sawn, Clear Vertical Grain (C Or Better) Unfinished Fir, Wood Strip Flooring	13.95	1.17
			<i>For Factory Finish, Add</i>	0.87	
			<i>For Random Width Floor, Add</i>	3.23	
			<i>For Up To 20, Add</i>	4.45	
			<i>For >20 To 50, Add</i>	2.44	
			<i>For >50 To 100, Add</i>	1.22	
			<i>For >100 To 300, Add</i>	0.61	
09 64 29 00-0003			Unfinished Oak, Wood Strip Flooring (09 64 29)		
09 64 29 00-0004			Unfinished White Oak, Wood Strip Flooring (09 64 29 00-0003)		
09 64 29 00-0005	SF		2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished White Oak, Wood Strip Flooring	11.39	1.17
			<i>For Factory Finish, Add</i>	0.46	
			<i>For Random Width Floor, Add</i>	2.51	
			<i>For Up To 20, Add</i>	4.79	
			<i>For >20 To 50, Add</i>	2.51	
			<i>For >50 To 100, Add</i>	1.25	
			<i>For >100 To 300, Add</i>	0.63	
09 64 29 00-0006	SF		2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished White Oak, Wood Strip Flooring	11.98	1.17
			<i>For Factory Finish, Add</i>	0.51	
			<i>For Random Width Floor, Add</i>	2.65	
			<i>For Up To 20, Add</i>	4.88	
			<i>For >20 To 50, Add</i>	2.57	
			<i>For >50 To 100, Add</i>	1.28	
			<i>For >100 To 300, Add</i>	0.64	
09 64 29 00-0007	SF		2-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished White Oak, Wood Strip Flooring.....	12.87	1.17
			<i>For Factory Finish, Add</i>	0.60	
			<i>For Random Width Floor, Add</i>	2.88	
			<i>For Up To 20, Add</i>	5.01	
			<i>For >20 To 50, Add</i>	2.66	
			<i>For >50 To 100, Add</i>	1.33	
			<i>For >100 To 300, Add</i>	0.66	

09 Finishes

09 60 Flooring

09 64 Wood Flooring

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 64 29 00-0008	SF 3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished White Oak, Wood Strip Flooring	9.98	1.17
	For Factory Finish, Add	0.48	
	For Random Width Floor, Add	2.23	
	For Up To 20, Add	3.85	
	For >20 To 50, Add	2.04	
	For >50 To 100, Add	1.02	
	For >100 To 300, Add	0.51	
09 64 29 00-0009	SF 3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished White Oak, Wood Strip Flooring	10.45	1.17
	For Factory Finish, Add	0.52	
	For Random Width Floor, Add	2.35	
	For Up To 20, Add	3.92	
	For >20 To 50, Add	2.09	
	For >50 To 100, Add	1.05	
	For >100 To 300, Add	0.52	
09 64 29 00-0010	SF 3-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished White Oak, Wood Strip Flooring.....	11.36	1.17
	For Factory Finish, Add	0.61	
	For Random Width Floor, Add	2.58	
	For Up To 20, Add	4.06	
	For >20 To 50, Add	2.18	
	For >50 To 100, Add	1.09	
	For >100 To 300, Add	0.55	
09 64 29 00-0011 Unfinished Red Oak, Wood Strip Flooring (09 64 29 00-0003)			
09 64 29 00-0012	SF 2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished Red Oak, Wood Strip Flooring.....	11.49	1.17
	For Factory Finish, Add	0.47	
	For Random Width Floor, Add	2.53	
	For Up To 20, Add	4.80	
	For >20 To 50, Add	2.52	
	For >50 To 100, Add	1.26	
	For >100 To 300, Add	0.63	
09 64 29 00-0013	SF 2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished Red Oak, Wood Strip Flooring.....	12.08	1.17
	For Factory Finish, Add	0.52	
	For Random Width Floor, Add	2.68	
	For Up To 20, Add	4.89	
	For >20 To 50, Add	2.58	
	For >50 To 100, Add	1.29	
	For >100 To 300, Add	0.64	
09 64 29 00-0014	SF 2-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished Red Oak, Wood Strip Flooring	12.97	1.17
	For Factory Finish, Add	0.61	
	For Random Width Floor, Add	2.90	
	For Up To 20, Add	5.02	
	For >20 To 50, Add	2.67	
	For >50 To 100, Add	1.33	
	For >100 To 300, Add	0.67	
09 64 29 00-0015	SF 3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished Red Oak, Wood Strip Flooring.....	10.07	1.17
	For Factory Finish, Add	0.48	
	For Random Width Floor, Add	2.26	
	For Up To 20, Add	3.86	
	For >20 To 50, Add	2.05	
	For >50 To 100, Add	1.03	
	For >100 To 300, Add	0.51	
09 64 29 00-0016	SF 3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished Red Oak, Wood Strip Flooring.....	10.67	1.17
	For Factory Finish, Add	0.54	
	For Random Width Floor, Add	2.41	
	For Up To 20, Add	3.95	
	For >20 To 50, Add	2.11	
	For >50 To 100, Add	1.06	
	For >100 To 300, Add	0.53	
09 64 29 00-0017	SF 3-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished Red Oak, Wood Strip Flooring	11.46	1.17
	For Factory Finish, Add	0.62	
	For Random Width Floor, Add	2.60	
	For Up To 20, Add	4.07	
	For >20 To 50, Add	2.19	
	For >50 To 100, Add	1.10	
	For >100 To 300, Add	0.55	
09 64 29 00-0018 Unfinished Maple, Wood Strip Flooring (09 64 29)			
09 64 29 00-0019 25/32" Thick, Unfinished Maple, Wood Strip Flooring (09 64 29 00-0018)			
09 64 29 00-0020	SF 2-1/4" Plank Width, 25/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring.....	13.66	1.17
	For Factory Finish, Add	0.68	
	For Random Width Floor, Add	3.07	
	For Up To 20, Add	5.13	
	For >20 To 50, Add	2.73	
	For >50 To 100, Add	1.37	
	For >100 To 300, Add	0.68	
09 64 29 00-0021	SF 2-1/4" Plank Width, 25/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring.....	12.67	1.17
	For Factory Finish, Add	0.58	
	For Random Width Floor, Add	2.83	
	For Up To 20, Add	4.98	
	For >20 To 50, Add	2.64	
	For >50 To 100, Add	1.32	
	For >100 To 300, Add	0.66	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 64 29 00-0022	SF	3" Plank Width, 25/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	12.44	1.17	
		<i>For Factory Finish, Add</i>	0.72		
		<i>For Random Width Floor, Add</i>	2.85		
		<i>For Up To 20, Add</i>	4.22		
		<i>For >20 To 50, Add</i>	2.29		
		<i>For >50 To 100, Add</i>	1.15		
		<i>For >100 To 300, Add</i>	0.57		
09 64 29 00-0023	SF	3" Plank Width, 25/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	11.46	1.17	
		<i>For Factory Finish, Add</i>	0.62		
		<i>For Random Width Floor, Add</i>	2.60		
		<i>For Up To 20, Add</i>	4.07		
		<i>For >20 To 50, Add</i>	2.19		
		<i>For >50 To 100, Add</i>	1.10		
		<i>For >100 To 300, Add</i>	0.55		
09 64 29 00-0024 33/32" Thick, Unfinished Maple, Wood Strip Flooring <small>(09 64 29 00-0018)</small>					
09 64 29 00-0025	SF	2-1/4" Plank Width, 33/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	15.79	1.17	
		<i>For Factory Finish, Add</i>	0.90		
		<i>For Random Width Floor, Add</i>	3.61		
		<i>For Up To 20, Add</i>	5.45		
		<i>For >20 To 50, Add</i>	2.95		
		<i>For >50 To 100, Add</i>	1.47		
		<i>For >100 To 300, Add</i>	0.74		
09 64 29 00-0026	SF	2-1/4" Plank Width, 33/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	14.47	1.17	
		<i>For Factory Finish, Add</i>	0.76		
		<i>For Random Width Floor, Add</i>	3.28		
		<i>For Up To 20, Add</i>	5.25		
		<i>For >20 To 50, Add</i>	2.82		
		<i>For >50 To 100, Add</i>	1.41		
		<i>For >100 To 300, Add</i>	0.70		
09 64 29 00-0027	SF	3" Plank Width, 33/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	14.72	1.17	
		<i>For Factory Finish, Add</i>	0.95		
		<i>For Random Width Floor, Add</i>	3.42		
		<i>For Up To 20, Add</i>	4.56		
		<i>For >20 To 50, Add</i>	2.52		
		<i>For >50 To 100, Add</i>	1.26		
		<i>For >100 To 300, Add</i>	0.63		
09 64 29 00-0028	SF	3" Plank Width, 33/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	13.39	1.17	
		<i>For Factory Finish, Add</i>	0.82		
		<i>For Random Width Floor, Add</i>	3.09		
		<i>For Up To 20, Add</i>	4.36		
		<i>For >20 To 50, Add</i>	2.39		
		<i>For >50 To 100, Add</i>	1.19		
		<i>For >100 To 300, Add</i>	0.60		
09 64 29 00-0029 Prefinished Engineered Wood Flooring <small>(09 64 29)</small>					
<small>Note: Glued or nailed. Excludes underlayment. See CSI section 09 64 13 00-0001 for wood flooring underlayment.</small>					
09 64 29 00-0030	SF	1/2" Thick, Red Oak, Prefinished Engineered Wood Flooring	16.78	1.17	
		<i>For Up To 20, Add</i>	4.57		
		<i>For >20 To 50, Add</i>	2.59		
		<i>For >50 To 100, Add</i>	1.30		
		<i>For >100 To 300, Add</i>	0.65		
09 64 29 00-0031	SF	1/2" Thick, White Oak, Prefinished Engineered Wood Flooring	16.78	1.17	
		<i>For Up To 20, Add</i>	4.57		
		<i>For >20 To 50, Add</i>	2.59		
		<i>For >50 To 100, Add</i>	1.30		
		<i>For >100 To 300, Add</i>	0.65		
09 64 29 00-0032	SF	1/2" Thick, Select Maple, Prefinished Engineered Wood Flooring	16.24	1.17	
		<i>For Up To 20, Add</i>	4.49		
		<i>For >20 To 50, Add</i>	2.54		
		<i>For >50 To 100, Add</i>	1.27		
		<i>For >100 To 300, Add</i>	0.63		
09 64 29 00-0033	SF	1/2" Thick, Natural Hickory, Prefinished Engineered Wood Flooring	16.65	1.17	
		<i>For Up To 20, Add</i>	4.55		
		<i>For >20 To 50, Add</i>	2.58		
		<i>For >50 To 100, Add</i>	1.29		
		<i>For >100 To 300, Add</i>	0.64		
09 64 66 Wood Athletic Flooring <small>(09 64)</small>					
<small>Note: 1-1/2" or 2-1/4" widths. Excludes finish.</small>					
09 64 66 00-0001 Wood Gym/Stage/Dance Floors Applied On Existing Subfloor <small>(09 64 66)</small>					
<small>Note: Includes sanding. Excludes concrete repairs to subbase, subflooring, thresholds, and finishing.</small>					
09 64 66 00-0002	SF	25/32" Maple Wood Gym/Stage/Dance Floor	15.97	5.82	
		<i>For Oak Or Birch, Deduct</i>	-0.20		
		<i>For Pine, Deduct</i>	-0.30		
		<i>For #1 Grade Material, Add</i>	0.50		
09 64 66 00-0003	SF	33/32" Maple Wood Gym/Stage/Dance Floor	19.05	6.05	
		<i>For Oak Or Birch, Deduct</i>	-0.20		
		<i>For Pine, Deduct</i>	-0.30		
		<i>For #1 Grade Material, Add</i>	0.50		
09 64 66 00-0004 Wood Gym/Stage/Dance Floor Systems <small>(09 64 66)</small>					
<small>Note: Includes sanding. Excludes concrete repairs to subbase, thresholds, and finishing.</small>					

09 Finishes

09 60 Flooring

09 64 Wood Flooring

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 64 66 00-0005	SF		Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, Two Layers Of Plywood Panel Subfloor With Resilient Pads (Connor DuraCushion).....	21.28	7.56
			Note: Includes 6 mil polyethylene vapor barrier, two layers of 15/32" plywood subfloor and 3/8" resilient pads.		
			For Oak Or Birch, Deduct	-0.20	
			For Pine, Deduct	-0.30	
			For #1 Grade Material, Add	0.50	
09 64 66 00-0006	SF		Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, Two Layers Of Plywood Panel Subfloor With Two Stage Resilient Pads (Connor NeoShok).....	22.48	7.56
			Note: Includes 6 mil polyethylene vapor barrier, two layers of 15/32" plywood subfloor and 3/4" hemispherical two stage polyurethane resilient pads.		
			For Oak Or Birch, Deduct	-0.20	
			For Pine, Deduct	-0.30	
			For #1 Grade Material, Add	0.50	
09 64 66 00-0007	SF		Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, One Layer Of Plywood Subfloor With Continuous Steel Channel Encased Sleepers And Resilient Pads (Connor PermaFlex).....	25.05	7.56
			Note: Includes 6 mil polyethylene vapor barrier, one layer of 15/32" plywood subfloor, a continuous steel channel encasing a 23/32" fixed sleeper, a 7/16" resilient pad and a 23/32" flex sleeper.		
			For Oak Or Birch, Deduct	-0.20	
			For Pine, Deduct	-0.30	
			For #1 Grade Material, Add	0.50	
09 64 66 00-0008	SF		Fixed Resilient 25/32" Maple Wood Gym/Stage/Dance Floor System, One Layer Of Plywood Panel Subfloor With Resilient Pads (Connor Focus).....	23.88	7.56
			Note: Includes 6 mil polyethylene vapor barrier, one layer of 3/4" subfloor, 9/16" resilient pads and concrete anchors and clips.		
			For Oak Or Birch, Deduct	-0.20	
			For Pine, Deduct	-0.30	
			For #1 Grade Material, Add	0.50	
09 64 66 00-0009	SF		Clip And Channel, Fixed 33/32" Maple Wood Gym/Stage/Dance Floor System (Connor PermaLock).....	27.05	7.56
			Note: Includes 6 mil polyethylene vapor barrier, one layer of 1/2" impregnated fiberboard with channel grooves for 16 gauge steel anchor channel.		
			For Oak Or Birch, Deduct	-0.20	
			For Pine, Deduct	-0.30	
			For #1 Grade Material, Add	0.50	

09 65 Resilient Flooring (09 60)

See CSI section 03 54 16 00-0001 for self leveling underlayment for uneven floors.

09 65 13 Resilient Base and Accessories (09 65)

09 65 13 13 Resilient Base (09 65 13)

09 65 13 13-0001 Type TV Thermoplastic Vinyl Wall Base (09 65 13 13)

Note: Includes inside and outside corners.

09 65 13 13-0002	LF		2-1/2" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors	4.35	1.50
			For Up To 20, Add	1.85	
			For >20 To 40, Add	1.03	
			For >40 To 80, Add	0.37	
			For >240 To 960, Deduct	-0.29	
			For >960, Deduct	-0.43	
09 65 13 13-0003	LF		4" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors	4.87	1.50
			For Up To 20, Add	1.93	
			For >20 To 40, Add	1.09	
			For >40 To 80, Add	0.39	
			For >240 To 960, Deduct	-0.34	
			For >960, Deduct	-0.51	
09 65 13 13-0004	LF		6" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors	5.97	1.50
			For Up To 20, Add	2.09	
			For >20 To 40, Add	1.20	
			For >40 To 80, Add	0.45	
			For >240 To 960, Deduct	-0.45	
			For >960, Deduct	-0.67	

09 65 13 13-0005 Type TP Thermoplastic Rubber Wall Base (09 65 13 13)

Note: Includes inside and outside corners.

09 65 13 13-0006	LF		2-1/2" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	4.68	1.50
			For Up To 20, Add	1.90	
			For >20 To 40, Add	1.07	
			For >40 To 80, Add	0.38	
			For >240 To 960, Deduct	-0.32	
			For >960, Deduct	-0.48	
09 65 13 13-0007	LF		4" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	5.07	1.50
			For Up To 20, Add	1.96	
			For >20 To 40, Add	1.11	
			For >40 To 80, Add	0.40	
			For >240 To 960, Deduct	-0.36	
			For >960, Deduct	-0.54	
09 65 13 13-0008	LF		6" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	6.14	1.50
			For Up To 20, Add	2.12	
			For >20 To 40, Add	1.21	
			For >40 To 80, Add	0.46	
			For >240 To 960, Deduct	-0.46	
			For >960, Deduct	-0.70	
09 65 13 13-0009	LF		2-1/2" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	7.64	1.50
			For Up To 20, Add	2.34	
			For >20 To 40, Add	1.36	
			For >40 To 80, Add	0.53	
			For >240 To 960, Deduct	-0.61	
			For >960, Deduct	-0.92	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 65 13 13-0010	LF	3" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	7.97	1.50	
		<i>For Up To 20, Add</i>	2.39		
		<i>For >20 To 40, Add</i>	1.40		
		<i>For >40 To 80, Add</i>	0.55		
		<i>For >240 To 960, Deduct</i>	-0.65		
		<i>For >960, Deduct</i>	-0.97		
09 65 13 13-0011	LF	4-1/2" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	9.65	1.50	
		<i>For Up To 20, Add</i>	2.64		
		<i>For >20 To 40, Add</i>	1.56		
		<i>For >40 To 80, Add</i>	0.63		
		<i>For >240 To 960, Deduct</i>	-0.82		
		<i>For >960, Deduct</i>	-1.22		
09 65 13 13-0012	LF	6" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	13.00	1.50	
		<i>For Up To 20, Add</i>	3.15		
		<i>For >20 To 40, Add</i>	1.90		
		<i>For >40 To 80, Add</i>	0.80		
		<i>For >240 To 960, Deduct</i>	-1.15		
		<i>For >960, Deduct</i>	-1.73		
09 65 13 13-0013	Type TS Thermoset Vulcanized Rubber Wall Base <small>(09 65 13 13)</small>				
	Note: Includes inside and outside corners.				
09 65 13 13-0014	LF	2-1/2" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors	5.11	1.80	
		<i>For Up To 20, Add</i>	1.96		
		<i>For >20 To 40, Add</i>	1.11		
		<i>For >40 To 80, Add</i>	0.41		
		<i>For >240 To 960, Deduct</i>	-0.36		
		<i>For >960, Deduct</i>	-0.54		
09 65 13 13-0015	LF	4" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors	5.12	1.50	
		<i>For Up To 20, Add</i>	1.96		
		<i>For >20 To 40, Add</i>	1.11		
		<i>For >40 To 80, Add</i>	0.41		
		<i>For >240 To 960, Deduct</i>	-0.36		
		<i>For >960, Deduct</i>	-0.54		
09 65 13 13-0016	LF	6" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors	7.29	1.80	
		<i>For Up To 20, Add</i>	2.53		
		<i>For >20 To 40, Add</i>	1.45		
		<i>For >40 To 80, Add</i>	0.54		
		<i>For >240 To 960, Deduct</i>	-0.55		
		<i>For >960, Deduct</i>	-0.82		
09 65 13 23	Resilient Stair Treads and Risers <small>(09 65 13)</small>				
	Note: All treads have integral nosing. Abrasive strip modifier includes either 1 or 2 strips running the length of the tread. All colors.				
09 65 13 23-0001	Rubber Stair Treads and Risers <small>(09 65 13 23)</small>				
09 65 13 23-0002	Raised Disc Or Other Patterned Rubber Stair Tread <small>(09 65 13 23-0001)</small>				
09 65 13 23-0003	LF	3/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	17.80	2.39	
		Note: Raised disc or other pattern.			
		<i>For Abrasive Strip, Add</i>	2.75		
		<i>For Photo Luminescent Abrasive Strip, Add</i>	3.75		
09 65 13 23-0004	LF	1/4" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	19.14	2.57	
		Note: Raised disc or other pattern.			
		<i>For Abrasive Strip, Add</i>	2.75		
		<i>For Photo Luminescent Abrasive Strip, Add</i>	3.75		
09 65 13 23-0005	LF	5/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	23.10	2.75	
		Note: Raised disc or other pattern.			
		<i>For Abrasive Strip, Add</i>	2.75		
		<i>For Photo Luminescent Abrasive Strip, Add</i>	3.75		
09 65 13 23-0006	Smooth Surface Rubber Stair Tread <small>(09 65 13 23-0001)</small>				
09 65 13 23-0007	LF	3/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	16.83	2.39	
		Note: Smooth surface.			
		<i>For Abrasive Strip, Add</i>	2.75		
		<i>For Photo Luminescent Abrasive Strip, Add</i>	3.75		
09 65 13 23-0008	LF	1/4" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	17.96	2.57	
		Note: Smooth surface.			
		<i>For Abrasive Strip, Add</i>	2.75		
		<i>For Photo Luminescent Abrasive Strip, Add</i>	3.75		
09 65 13 23-0009	LF	5/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	21.67	2.76	
		Note: Smooth surface.			
		<i>For Abrasive Strip, Add</i>	2.75		
		<i>For Photo Luminescent Abrasive Strip, Add</i>	3.75		
09 65 13 23-0010	Smooth Surface Rubber Stair Riser <small>(09 65 13 23-0001)</small>				
09 65 13 23-0011	LF	1/8" Thick, Smooth Surface Rubber Stair Riser	9.82	1.44	
09 65 13 23-0012	Smooth, Raised Disc or Other Patterned Rubber Landing Mats <small>(09 65 13 23-0001)</small>				
09 65 13 23-0013	SF	1/8" Thick, Rubber Landing Mats	26.81	2.21	
		Note: Smooth, raised disc or other patterned surface.			
09 65 13 23-0014	SF	3/16" Thick, Rubber Landing Mats	32.01	2.39	
		Note: Smooth, raised disc or other patterned surface.			
09 65 13 23-0015	SF	7/32" Thick, Rubber Landing Mats	34.83	2.69	
		Note: Smooth, raised disc or other patterned surface.			

09 Finishes**09 60 Flooring****09 65 Resilient Flooring**
 MINOR
 CSI UOM DESCRIPTION

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09 65 13 23-0016	Vinyl Stair Treads and Risers <small>(09 65 13 23)</small>		
09 65 13 23-0017	Ribbed Vinyl Stair Tread <small>(09 65 13 23-0016)</small>		
09 65 13 23-0018	LF 1/8" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread.....	18.49	2.18
	<i>For Abrasive Strip, Add</i>	2.75	
09 65 13 23-0019	LF 3/16" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread.....	20.44	2.39
	<i>For Abrasive Strip, Add</i>	2.75	
09 65 13 23-0020	LF 1/4" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread.....	24.53	2.58
	<i>For Abrasive Strip, Add</i>	2.75	
09 65 13 23-0021	Smooth Surface Vinyl Stair Riser <small>(09 65 13 23-0016)</small>		
09 65 13 23-0022	LF 1/8" Thick, 7" High, Smooth Surface Vinyl Stair Riser	10.32	1.44
09 65 13 23-0023	Rubber Stair Treads <small>(09 65 13 23)</small>		
09 65 13 23-0024	LF Stair Tread (Norament Grano)	36.10	2.59
09 65 13 23-0025	LF Solid Stair Tread	32.61	2.59
09 65 13 23-0026	LF Visibly Impaired (VI) Strip.....	11.07	2.59
09 65 13 33	Resilient Accessories <small>(09 65 13)</small>		
09 65 13 33-0001	Flexible Self Leveling Cementitious Underlayments <small>(09 65 13 33)</small>		
09 65 13 33-0002	SF 1/8" Thick, Flexible Self Leveling Cementitious Underlayment With Liquid Latex Modifiers	2.07	1.20
09 65 13 33-0003	SF 1/4" Thick, Flexible Self Leveling Cementitious Underlayment With Liquid Latex Modifiers	3.14	1.20
09 65 13 33-0004	Concrete Floor Prep <small>(09 65 13 33)</small>		
09 65 13 33-0005	SF Removal Of Glue From Concrete Floor	1.50	
	Note: For removal of glue from VCT or carpet placement. Not to be used in conjunction with demolition tasks associated with floor tile installation.		
09 65 13 36	Resilient Carpet Transitions <small>(09 65 13)</small>		
09 65 13 36-0001	Vinyl Transition Strip <small>(09 65 13 36)</small>		
09 65 13 36-0002	LF Vinyl Transition Strip, Brown Or Black	2.42	1.08
	<i>For Up To 20, Add</i>	0.96	
	<i>For >20 To 40, Add</i>	0.54	
	<i>For >40 To 80, Add</i>	0.20	
	<i>For >240 To 960, Deduct</i>	-0.17	
	<i>For >960, Deduct</i>	-0.25	
09 65 13 36-0003	LF Vinyl Floor Tile Reducer Strip, Brown Or Black	2.22	1.08
	<i>For Up To 20, Add</i>	0.93	
	<i>For >20 To 40, Add</i>	0.52	
	<i>For >40 To 80, Add</i>	0.19	
	<i>For >240 To 960, Deduct</i>	-0.15	
	<i>For >960, Deduct</i>	-0.22	
09 65 13 36-0004	LF Vinyl Floor Tile Feature Strip, Brown Or Black.....	1.99	1.08
	<i>For Up To 20, Add</i>	0.90	
	<i>For >20 To 40, Add</i>	0.50	
	<i>For >40 To 80, Add</i>	0.17	
	<i>For >240 To 960, Deduct</i>	-0.12	
	<i>For >960, Deduct</i>	-0.19	
09 65 13 36-0005	LF 1/4" To 1/8" Material, Narrow, Vinyl, Slim Line Transition (Johnsonite SLT-XX-A).....	3.55	1.50
	<i>For Up To 20, Add</i>	1.49	
	<i>For >20 To 40, Add</i>	0.83	
	<i>For >40 To 80, Add</i>	0.30	
	<i>For >240 To 960, Deduct</i>	-0.24	
	<i>For >960, Deduct</i>	-0.35	
09 65 13 36-0006	Vinyl, Wheeled Traffic Transitions <small>(09 65 13 36)</small>		
09 65 13 36-0007	LF 1/4" To 1/8" Material x 1-3/4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-A)	4.32	1.50
	<i>For Up To 20, Add</i>	1.60	
	<i>For >20 To 40, Add</i>	0.91	
	<i>For >40 To 80, Add</i>	0.34	
	<i>For >240 To 960, Deduct</i>	-0.31	
	<i>For >960, Deduct</i>	-0.47	
09 65 13 36-0008	LF 1/4" To 1/8" Material x 1", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-C)	4.32	1.50
	<i>For Up To 20, Add</i>	1.60	
	<i>For >20 To 40, Add</i>	0.91	
	<i>For >40 To 80, Add</i>	0.34	
	<i>For >240 To 960, Deduct</i>	-0.31	
	<i>For >960, Deduct</i>	-0.47	
09 65 13 36-0009	LF 5/16" To 1/16" Or 1/8" Material x 1-5/8", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-D)	5.17	1.50
	<i>For Up To 20, Add</i>	1.73	
	<i>For >20 To 40, Add</i>	1.00	
	<i>For >40 To 80, Add</i>	0.38	
	<i>For >240 To 960, Deduct</i>	-0.40	
	<i>For >960, Deduct</i>	-0.60	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 36-0010	LF	1/4"	To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-H)	8.21	1.50
			For Up To 20, Add	2.19	
			For >20 To 40, Add	1.30	
			For >40 To 80, Add	0.53	
			For >240 To 960, Deduct	-0.70	
			For >960, Deduct	-1.05	
09 65 13 36-0011	LF	1/4"	To 1/8" Material x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-HL)	8.23	1.50
			For Up To 20, Add	2.19	
			For >20 To 40, Add	1.30	
			For >40 To 80, Add	0.53	
			For >240 To 960, Deduct	-0.70	
			For >960, Deduct	-1.06	
09 65 13 36-0012	LF	1/4"	To 0.08" Or 2 mm Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-HT)	5.62	1.50
			For Up To 20, Add	1.80	
			For >20 To 40, Add	1.04	
			For >40 To 80, Add	0.40	
			For >240 To 960, Deduct	-0.44	
			For >960, Deduct	-0.66	
09 65 13 36-0013	LF	1/4"	Material To Floor x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-J)	8.01	1.50
			For Up To 20, Add	2.16	
			For >20 To 40, Add	1.28	
			For >40 To 80, Add	0.52	
			For >240 To 960, Deduct	-0.68	
			For >960, Deduct	-1.02	
09 65 13 36-0014	LF	1/4"	Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-JL)	8.29	1.50
			For Up To 20, Add	2.20	
			For >20 To 40, Add	1.31	
			For >40 To 80, Add	0.53	
			For >240 To 960, Deduct	-0.71	
			For >960, Deduct	-1.06	
09 65 13 36-0015	LF	3/8"	To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-K)	7.06	1.50
			For Up To 20, Add	2.02	
			For >20 To 40, Add	1.18	
			For >40 To 80, Add	0.47	
			For >240 To 960, Deduct	-0.59	
			For >960, Deduct	-0.88	
09 65 13 36-0016	LF	3/8"	To 1/4" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-L)	7.66	1.50
			For Up To 20, Add	2.11	
			For >20 To 40, Add	1.24	
			For >40 To 80, Add	0.50	
			For >240 To 960, Deduct	-0.65	
			For >960, Deduct	-0.97	
09 65 13 36-0017	LF	1/4"	To 1/4" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-M)	8.29	1.50
			For Up To 20, Add	2.20	
			For >20 To 40, Add	1.31	
			For >40 To 80, Add	0.53	
			For >240 To 960, Deduct	-0.71	
			For >960, Deduct	-1.06	
09 65 13 36-0018	LF	1/8"	To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-N)	6.94	1.50
			For Up To 20, Add	2.00	
			For >20 To 40, Add	1.17	
			For >40 To 80, Add	0.47	
			For >240 To 960, Deduct	-0.57	
			For >960, Deduct	-0.86	
09 65 13 36-0019	LF	3/8"	Material To Floor x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-P)	5.95	1.50
			For Up To 20, Add	1.85	
			For >20 To 40, Add	1.07	
			For >40 To 80, Add	0.42	
			For >240 To 960, Deduct	-0.48	
			For >960, Deduct	-0.71	
09 65 13 36-0020	LF	3/8"	Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-PL)	8.50	1.50
			For Up To 20, Add	2.23	
			For >20 To 40, Add	1.33	
			For >40 To 80, Add	0.54	
			For >240 To 960, Deduct	-0.73	
			For >960, Deduct	-1.10	
09 65 13 36-0021	LF	1/2"	Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Q)	10.80	1.50
			For Up To 20, Add	2.58	
			For >20 To 40, Add	1.56	
			For >40 To 80, Add	0.66	
			For >240 To 960, Deduct	-0.96	
			For >960, Deduct	-1.44	
09 65 13 36-0022	LF	0.08"	To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-X)	5.79	1.50
			For Up To 20, Add	1.82	
			For >20 To 40, Add	1.06	
			For >40 To 80, Add	0.41	
			For >240 To 960, Deduct	-0.46	
			For >960, Deduct	-0.69	
09 65 13 36-0023	LF	0.08"	To 0.08" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Y)	5.87	1.50
			For Up To 20, Add	1.84	
			For >20 To 40, Add	1.07	
			For >40 To 80, Add	0.41	
			For >240 To 960, Deduct	-0.47	
			For >960, Deduct	-0.70	
09 65 13 36-0024	LF	0.08"	To 3/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Z)	6.59	1.50
			For Up To 20, Add	1.94	
			For >20 To 40, Add	1.14	
			For >40 To 80, Add	0.45	
			For >240 To 960, Deduct	-0.54	
			For >960, Deduct	-0.81	

09 Finishes

09 60 Flooring

09 65 Resilient Flooring

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 65 16 Resilient Sheet Flooring (09 65)

Note: Includes mastic and cleaning floor after installation is complete.

09 65 16 23 Vinyl Sheet Flooring (09 65 16)

09 65 16 23-0001 Vinyl Sheet Flooring (09 65 16 23)

Note: For flash cove application, add additional square foot of material to form cove base.

09 65 16 23-0002	SF	0.080" Overall Thickness, 0.080" Wear Layer, Homogeneous, Commercial Vinyl Sheet Flooring	11.16	0.89
		<i>For Up To 40, Add</i>	4.61	
		<i>For >40 To 100, Add</i>	2.31	
		<i>For >1,000, Deduct</i>	-0.93	
09 65 16 23-0003	SF	0.080" Overall Thickness, 0.080" Wear Layer, Homogeneous, Commercial Vinyl Sheet Flooring (Armstrong® Medintone™ Or Medley™)	9.16	0.89
		<i>For Up To 40, Add</i>	4.21	
		<i>For >40 To 100, Add</i>	2.11	
		<i>For >1,000, Deduct</i>	-0.73	
09 65 16 23-0004	SF	0.080" Overall Thickness, 0.050" Wear Layer, Inlaid With Polyglass Backing, Commercial Vinyl Sheet Flooring	6.06	0.89
		<i>For Up To 40, Add</i>	3.59	
		<i>For >40 To 100, Add</i>	1.80	
		<i>For >1,000, Deduct</i>	-0.42	
09 65 16 23-0005	SF	0.080" Overall Thickness, 0.040" Wear Layer, Inlaid With Polyglass Backing, Commercial Vinyl Sheet Flooring	7.79	0.89
		<i>For Up To 40, Add</i>	3.94	
		<i>For >40 To 100, Add</i>	1.97	
		<i>For >1,000, Deduct</i>	-0.60	
09 65 16 23-0006	SF	0.080" Overall Thickness, 0.060" Wear Layer, Inlaid With Felt Backing, Commercial Vinyl Sheet Flooring	10.36	0.89
		<i>For Up To 40, Add</i>	4.45	
		<i>For >40 To 100, Add</i>	2.23	
		<i>For >1,000, Deduct</i>	-0.85	
09 65 16 23-0007	SF	0.080" Overall Thickness, 0.020" Wear Layer, Slip Retardant Surface, Commercial Vinyl Sheet Flooring	14.22	0.89
		<i>For Up To 40, Add</i>	5.22	
		<i>For >40 To 100, Add</i>	2.61	
		<i>For >1,000, Deduct</i>	-1.24	

09 65 16 23-0008 Heat Welding Vinyl Sheet Flooring Seams (09 65 16 23)

Note: For areas requiring seamless installations and superior infection control. Includes routing or hand grooving seams, installing welding rod with heat welding gun, trimming the weld rod flush with the floor surface and applying a protective finish to seam.

09 65 16 23-0009	LF	Heat Weld Non-Patterned Vinyl Sheet Flooring Seams	8.34	
09 65 16 23-0010	LF	Heat Weld Patterned Vinyl Sheet Flooring Seams	8.76	

09 65 16 23-0011 Forming Vinyl Sheet Flooring Inside/Outside Cove Corners (09 65 16 23)

Note: Excludes heat welding.

09 65 16 23-0012	EA	Forming Vinyl Sheet Flooring Inside/Outside Cove Corners	19.97	
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09 65 16 23-0013 Vinyl Sheet Flooring Accessories (09 65 16 23)

09 65 16 23-0014	LF	1/2" Radius Vinyl Cove Filler Strip	4.58	
09 65 16 23-0015	LF	1-1/4" Radius Vinyl Cove Filler Strip	4.17	
09 65 16 23-0016	LF	1-1/2" Radius Vinyl Cove Filler Strip	6.22	
09 65 16 23-0017	LF	1/8" Aluminum Cove Cap	3.38	

09 65 16 33 Rubber Sheet Flooring (09 65 16)

09 65 16 33-0001 Rubber Sheet Flooring (09 65 16 33)

09 65 16 33-0002	SF	2mm Rubber Sheet Flooring (Nora Nora noraplan® environcare™)	8.14	1.52
09 65 16 33-0003	SF	3mm Rubber Sheet Flooring (Nora noraplan® environcare™)	9.81	1.52
09 65 16 33-0004	SF	2mm Rubber Sheet Flooring (Nora noraplan® sentica™)	8.14	1.52
09 65 16 33-0005	SF	3mm Rubber Sheet Flooring (Nora Nora noraplan® sentica™)	9.81	1.52

09 65 19 Resilient Tile Flooring (09 65)

Note: Includes mastic and cleaning floor after installation is complete. Demolition includes removal of the tile and adhesive and cleaning of the surface for a new floor.

09 65 19 19 Vinyl Composition Tile Flooring (09 65 19)

09 65 19 19-0001 Vinyl Composition Tile (VCT) (09 65 19 19)

Note: The following vinyl composition tiles are certified to ASTM F 1066 Class 1 solid color tile, Class 2 through pattern tile or Class 3 surface pattern tile as listed in the task description.

09 65 19 19-0002	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon Imperial Texture®)	3.85	1.80
		<i>For 3/32" Thick, Deduct</i>	-0.16	
		<i>For Extra Stock, Material Only, Deduct</i>	-2.11	
		<i>For Up To 20, Add</i>	1.47	
		<i>For >20 To 40, Add</i>	0.83	
		<i>For >40 To 80, Add</i>	0.30	
		<i>For >1,000 To 3,000, Deduct</i>	-0.09	
		<i>For >3,000 To 6,000, Deduct</i>	-0.23	
		<i>For >6,000, Deduct</i>	-0.43	
09 65 19 19-0003	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon MultiColor™)	3.74	1.80
		<i>For Extra Stock, Material Only, Deduct</i>	-2.11	
		<i>For Up To 20, Add</i>	1.45	
		<i>For >20 To 40, Add</i>	0.82	
		<i>For >40 To 80, Add</i>	0.30	
		<i>For >1,000 To 3,000, Deduct</i>	-0.09	
		<i>For >3,000 To 6,000, Deduct</i>	-0.23	
		<i>For >6,000, Deduct</i>	-0.42	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 65 19 19-0004	SF			1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon Rave®).....	3.74	1.80
				<i>For Extra Stock, Material Only, Deduct</i>	-2.11	
				<i>For Up To 20, Add</i>	1.45	
				<i>For >20 To 40, Add</i>	0.82	
				<i>For >40 To 80, Add</i>	0.30	
				<i>For >1,000 To 3,000, Deduct</i>	-0.09	
				<i>For >3,000 To 6,000, Deduct</i>	-0.23	
				<i>For >6,000, Deduct</i>	-0.42	
09 65 19 19-0005	SF			1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® ChromaSpin™).....	5.18	1.80
				<i>For Extra Stock, Material Only, Deduct</i>	-2.11	
				<i>For Up To 20, Add</i>	1.67	
				<i>For >20 To 40, Add</i>	0.96	
				<i>For >40 To 80, Add</i>	0.37	
				<i>For >1,000 To 3,000, Deduct</i>	-0.11	
				<i>For >3,000 To 6,000, Deduct</i>	-0.28	
				<i>For >6,000, Deduct</i>	-0.51	
09 65 19 19-0006	SF			1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Excelon Companion Square®).....	5.19	1.80
				<i>For Extra Stock, Material Only, Deduct</i>	-2.11	
				<i>For Up To 20, Add</i>	1.67	
				<i>For >20 To 40, Add</i>	0.96	
				<i>For >40 To 80, Add</i>	0.37	
				<i>For >1,000 To 3,000, Deduct</i>	-0.11	
				<i>For >3,000 To 6,000, Deduct</i>	-0.29	
				<i>For >6,000, Deduct</i>	-0.51	
09 65 19 19-0007	SF			1/8" Thick, Class 3 Surface Pattern, Vinyl Composition Tile (VCT) (Armstrong® Arteffects®).....	5.46	1.80
				<i>For Extra Stock, Material Only, Deduct</i>	-2.11	
				<i>For Up To 20, Add</i>	1.71	
				<i>For >20 To 40, Add</i>	0.99	
				<i>For >40 To 80, Add</i>	0.38	
				<i>For >1,000 To 3,000, Deduct</i>	-0.12	
				<i>For >3,000 To 6,000, Deduct</i>	-0.30	
				<i>For >6,000, Deduct</i>	-0.53	
09 65 19 19-0008	SF			1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Excelon Stonetex®).....	5.51	1.80
				<i>For Extra Stock, Material Only, Deduct</i>	-2.11	
				<i>For Up To 20, Add</i>	1.71	
				<i>For >20 To 40, Add</i>	1.00	
				<i>For >40 To 80, Add</i>	0.39	
				<i>For >1,000 To 3,000, Deduct</i>	-0.12	
				<i>For >3,000 To 6,000, Deduct</i>	-0.30	
				<i>For >6,000, Deduct</i>	-0.53	
09 65 19 19-0009	SF			1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Raffia™).....	5.68	1.80
				<i>For Extra Stock, Material Only, Deduct</i>	-2.11	
				<i>For Up To 20, Add</i>	1.74	
				<i>For >20 To 40, Add</i>	1.01	
				<i>For >40 To 80, Add</i>	0.40	
				<i>For >1,000 To 3,000, Deduct</i>	-0.12	
				<i>For >3,000 To 6,000, Deduct</i>	-0.30	
				<i>For >6,000, Deduct</i>	-0.54	
09 65 19 19-0010	SF			1/8" Thick, Slip Retardant, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Safety Zone™).....	7.24	1.80
				<i>For Extra Stock, Material Only, Deduct</i>	-2.11	
				<i>For Up To 20, Add</i>	1.97	
				<i>For >20 To 40, Add</i>	1.17	
				<i>For >40 To 80, Add</i>	0.47	
				<i>For >1,000 To 3,000, Deduct</i>	-0.16	
				<i>For >3,000 To 6,000, Deduct</i>	-0.37	
				<i>For >6,000, Deduct</i>	-0.63	
09 65 19 19-0011	SF			1/8" Thick, Class 1 Solid Color, Vinyl Composition Tile (VCT) (Armstrong® Excelon Feature™).....	7.86	1.80
				<i>For Extra Stock, Material Only, Deduct</i>	-2.11	
				<i>For Up To 20, Add</i>	2.07	
				<i>For >20 To 40, Add</i>	1.23	
				<i>For >40 To 80, Add</i>	0.50	
				<i>For >1,000 To 3,000, Deduct</i>	-0.17	
				<i>For >3,000 To 6,000, Deduct</i>	-0.39	
				<i>For >6,000, Deduct</i>	-0.67	
09 65 19 19-0012	SF			1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Mannington® Colorpoint®).....	8.13	1.80
				<i>For Extra Stock, Material Only, Deduct</i>	-2.11	
				<i>For Up To 20, Add</i>	2.11	
				<i>For >20 To 40, Add</i>	1.26	
				<i>For >40 To 80, Add</i>	0.52	
				<i>For >1,000 To 3,000, Deduct</i>	-0.17	
				<i>For >3,000 To 6,000, Deduct</i>	-0.40	
				<i>For >6,000, Deduct</i>	-0.69	

09 65 19 19-0013 Static Dissipative Vinyl Composition Tile (VCT) (09 65 19 19)

Note: The following vinyl composition tiles are certified to ASTM F 1066 Class 2 through pattern tile as listed in the task description.

09 65 19 19-0014	SF			1/8" Thick, Static Dissipative, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® SDT™).....	18.76	1.80
				<i>For Extra Stock, Material Only, Deduct</i>	-3.55	
				<i>For Up To 20, Add</i>	4.31	
				<i>For >20 To 40, Add</i>	2.62	
				<i>For >40 To 80, Add</i>	1.13	
				<i>For >1,000 To 3,000, Deduct</i>	-0.39	
				<i>For >3,000 To 6,000, Deduct</i>	-0.88	
				<i>For >6,000, Deduct</i>	-1.46	

09 Finishes**09 60 Flooring****09 65 Resilient Flooring**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 65 19 19-0015	SF	1/8" Thick, Static Dissipative, Solid Vinyl Composition Tile (VCT) (Staticworx, Ameriworx® ESD)	15.37	1.80
		<i>For Extra Stock, Material Only, Deduct</i>	-3.55	
		<i>For Up To 20, Add</i>	3.80	
		<i>For >20 To 40, Add</i>	2.29	
		<i>For >40 To 80, Add</i>	0.96	
		<i>For >1,000 To 3,000, Deduct</i>	-0.33	
		<i>For >3,000 To 6,000, Deduct</i>	-0.75	
		<i>For >6,000, Deduct</i>	-1.26	

09 65 19 23 Vinyl Tile Flooring (09 65 19)

09 65 19 23-0001		Vinyl Tile (09 65 19 23) Note: Any size.		
09 65 19 23-0002		Solid Vinyl Tile (SVT) (09 65 19 23-0001) Note: The following solid vinyl tiles are certified to ASTM F 1700.		
09 65 19 23-0003	SF	1/8" Thick, Class 1 Type A, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Cortina Grande).....	8.91	1.80
		<i>For Up To 20, Add</i>	2.56	
		<i>For >20 To 40, Add</i>	1.51	
		<i>For >40 To 80, Add</i>	0.60	
		<i>For >1,000 To 3,000, Deduct</i>	-0.19	
		<i>For >3,000 To 6,000, Deduct</i>	-0.46	
		<i>For >6,000, Deduct</i>	-0.81	
09 65 19 23-0004	SF	1/8" Thick, Class 1 Type A, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Karim Kolors).....	9.12	1.80
		<i>For Up To 20, Add</i>	2.60	
		<i>For >20 To 40, Add</i>	1.53	
		<i>For >40 To 80, Add</i>	0.61	
		<i>For >1,000 To 3,000, Deduct</i>	-0.20	
		<i>For >3,000 To 6,000, Deduct</i>	-0.47	
		<i>For >6,000, Deduct</i>	-0.82	
09 65 19 23-0005	SF	1/8" Thick, Slip Retardant, Class 1 Type B, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Cortina Grande SR)	9.27	1.80
		<i>For Up To 20, Add</i>	2.62	
		<i>For >20 To 40, Add</i>	1.54	
		<i>For >40 To 80, Add</i>	0.62	
		<i>For >1,000 To 3,000, Deduct</i>	-0.20	
		<i>For >3,000 To 6,000, Deduct</i>	-0.48	
		<i>For >6,000, Deduct</i>	-0.83	

09 65 19 23-0006 Luxury Vinyl Tile (LVT) (09 65 19 23-0001)

09 65 19 23-0007	SF	2.5mm Thick, Luxury Vinyl Tile (LVT) (Mannington Amtico).....	11.83	1.80
		<i>For Up To 20, Add</i>	3.00	
		<i>For >20 To 40, Add</i>	1.80	
		<i>For >40 To 80, Add</i>	0.75	
		<i>For >1,000 To 3,000, Deduct</i>	-0.25	
		<i>For >3,000 To 6,000, Deduct</i>	-0.58	
		<i>For >6,000, Deduct</i>	-0.99	

09 65 19 33 Rubber Tile Flooring (09 65 19)

09 65 19 33-0001		Rubber Tile Flooring (09 65 19 33)		
09 65 19 33-0002	SF	3.5mm, 39.3" Square Rubber Tile Flooring (Nora norament® xp™).....	11.94	1.52
09 65 19 33-0003	SF	3.5mm, 39.3" Square Rubber Tile Flooring (Nora norament® grano™).....	11.94	1.52
09 65 19 33-0004	SF	3.5mm, 39.3" Square Rubber Tile Flooring (Nora norament® satura™).....	11.94	1.52

09 65 19 33-0005 Rubber Tile (09 65 19 33)

09 65 19 33-0006		Rubber Tile With Raised Discs, Assorted Colors (09 65 19 33-0005)		
09 65 19 33-0007	SF	1/8" Thick Rubber Tile With Raised Discs	22.53	1.08
		Note: Smooth, raised disc or other patterned surface.		
		<i>For Up To 20, Add</i>	4.26	
		<i>For >20 To 40, Add</i>	2.70	
		<i>For >40 To 100, Add</i>	1.24	
09 65 19 33-0008	SF	3/16" Thick Rubber Tile With Raised Discs	27.31	1.20
		Note: Smooth, raised disc or other patterned surface.		
		<i>For Up To 20, Add</i>	5.05	
		<i>For >20 To 40, Add</i>	3.21	
		<i>For >40 To 100, Add</i>	1.49	
09 65 19 33-0009	SF	7/32" Thick Rubber Tile With Raised Discs	30.38	1.44
		Note: Smooth, raised disc or other patterned surface.		
		<i>For Up To 20, Add</i>	5.71	
		<i>For >20 To 40, Add</i>	3.61	
		<i>For >40 To 100, Add</i>	1.66	

09 65 19 43 Polyester Composition Tile Flooring (09 65 19)

09 65 19 43-0001		Polyester Composition Floor Tile (09 65 19 43) Note: Any size.		
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 65 19 43-0002	SF		1/8" Thick, Polyester Composition Floor Tile (Armstrong® BioBased Tile® Migrations®).....	7.61	1.80
			<i>For Extra Stock, Material Only, Deduct</i>	-2.11	
			<i>For Up To 20, Add</i>	2.03	
			<i>For >20 To 40, Add</i>	1.21	
			<i>For >40 To 80, Add</i>	0.49	
			<i>For >1,000 To 3,000, Deduct</i>	-0.16	
			<i>For >3,000 To 6,000, Deduct</i>	-0.38	
			<i>For >6,000, Deduct</i>	-0.66	
09 65 19 43-0003	SF		1/8" Thick, Polyester Composition Floor Tile (Armstrong® BioBased Tile® Striations®).....	5.89	1.80
			<i>For Extra Stock, Material Only, Deduct</i>	-2.11	
			<i>For Up To 20, Add</i>	1.77	
			<i>For >20 To 40, Add</i>	1.03	
			<i>For >40 To 80, Add</i>	0.41	
			<i>For >1,000 To 3,000, Deduct</i>	-0.13	
			<i>For >3,000 To 6,000, Deduct</i>	-0.31	
			<i>For >6,000, Deduct</i>	-0.55	

09 65 23 Resilient Plank Flooring (09 65)

Note: Includes mastic and cleaning floor after installation is complete.

09 65 23 00-0001 Vinyl Plank Flooring (09 65 23)

09 65 23 00-0002	SF		0.110" Overall Thickness, 0.012" Wear Layer, Vinyl Plank Flooring (Armstrong® Luxe Plank™).....	8.44	0.89
			<i>For Up To 40, Add</i>	4.07	
			<i>For >40 To 100, Add</i>	2.03	
			<i>For >1,000, Deduct</i>	-0.66	
09 65 23 00-0003	SF		0.135" Overall Thickness, 0.020" Wear Layer, Vinyl Plank Flooring (Armstrong® Luxe Plank™).....	10.57	0.89
			<i>For Up To 40, Add</i>	4.49	
			<i>For >40 To 100, Add</i>	2.25	
			<i>For >1,000, Deduct</i>	-0.87	
09 65 23 00-0004	SF		0.16" Overall Thickness, 0.020" Wear Layer, Vinyl Plank Flooring (Armstrong® Luxe Plank™).....	11.89	0.89
			<i>For Up To 40, Add</i>	4.76	
			<i>For >40 To 100, Add</i>	2.38	
			<i>For >1,000, Deduct</i>	-1.01	

09 65 43 Linoleum Flooring (09 65)

Note: Includes mastic and cleaning floor after installation is complete.

09 65 43 00-0001 Linoleum Flooring (09 65 43)

09 65 43 00-0002	SF		Linoleum Tile (Forbo Marmoleum Composition Tile, Armstrong).....	7.50	1.80
			<i>For Up To 20, Add</i>	2.35	
			<i>For >20 To 40, Add</i>	1.36	
			<i>For >40 To 100, Add</i>	0.53	
09 65 43 00-0003	SF		Up To 76 SY 2.5mm, Linoleum Sheet (Forbo Marmoleum Real).....	10.59	0.90
09 65 43 00-0004	SF		> 76 SY 2.5mm, Linoleum Sheet (Forbo Marmoleum Real).....	9.72	0.90
09 65 43 00-0005	SF		Up To 76 SY 2.5mm, Linoleum Sheet (Forbo Marmoleum Striato).....	10.99	0.90
09 65 43 00-0006	SF		> 76 SY 2.5mm, Linoleum Sheet (Forbo Marmoleum Striato).....	10.20	0.90
09 65 43 00-0007	SF		Up To 76 SY 2.5mm, Linoleum Sheet (Armstrong Marmorette).....	10.99	0.90
09 65 43 00-0008	SF		> 76 SY 2.5mm, Linoleum Sheet (Armstrong Marmorette).....	9.88	0.90
09 65 43 00-0009	SF		Up To 76 SY 2.5mm, Linoleum Sheet (Uni Walton).....	13.57	0.90
09 65 43 00-0010	SF		> 76 SY 2.5mm, Linoleum Sheet (Uni Walton).....	12.46	0.90
09 65 43 00-0011	LF		Heat Weld Linoleum Sheet Flooring Seams.....	8.35	

Note: For areas requiring seamless installations and superior infection control. Includes routing or hand grooving seams, installing welding rod with heat welding gun, trimming the weld rod flush with the floor surface and applying a protective finish to seam.

09 65 66 Resilient Athletic Flooring (09 65)
09 65 66 00-0001 Recycled Rubber, Interlocking Athletic Tiles (09 65 66)

09 65 66 00-0002	SF		3/8" Height, Recycled Rubber, Interlocking Athletic Tile.....	7.59	0.83
			<i>For Colors, Add</i>	1.28	
09 65 66 00-0003	SF		1/2" Height, Recycled Rubber, Interlocking Athletic Tile.....	8.85	1.05
			<i>For Colors, Add</i>	1.47	
09 65 66 00-0004	SF		3/4" Height, Recycled Rubber, Interlocking Athletic Tile.....	10.38	1.68
			<i>For Colors, Add</i>	1.60	
09 65 66 00-0005	SF		1" Height, Recycled Rubber, Interlocking Athletic Tile.....	14.97	2.04
			<i>For Colors, Add</i>	2.42	

09 65 66 00-0006 Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tiles (09 65 66)

09 65 66 00-0007	SF		3/8" Height, Black Hammered Surface, Closed Cell, 100 Percent Virgin Rubber, Hidden Interlocking Athletic Tile (Pawling HL-155).....	39.50	0.83
			<i>For Colors, Add</i>	4.79	
09 65 66 00-0008	SF		9/16" Height, Black Raised Squares Surface, Closed Cell, 100 Percent Virgin Rubber, Hidden Interlocking Athletic Tile (Pawling HL-100).....	57.06	0.83
			<i>For Colors, Add</i>	6.98	
09 65 66 00-0009	SF		3/8" Height, Black Raised Discs Surface, Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tile (Pawling PL-100).....	41.71	0.83
			<i>For Colors, Add</i>	5.06	
09 65 66 00-0010	SF		9/16" Height, Black Raised Nubs Surface, Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tile (Pawling PL-200).....	51.28	0.83
			<i>For Colors, Add</i>	6.26	
09 65 66 00-0011	SF		7/16" Height, Black Reversible Hammered Surface, Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tile (Pawling FL-150).....	42.88	0.83
			<i>For Colors, Add</i>	5.21	

09 Finishes**09 60 Flooring****09 65 Resilient Flooring**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 65 66 00-0012	Sheet Goods For Gym (09 65 66)		
09 65 66 00-0013	SF 1/4" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor	19.82	3.60
09 65 66 00-0014	SF 9/32" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor	20.96	3.71
09 65 66 00-0015	SF 3/8" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor	21.96	3.83
09 65 66 00-0016	SF 1/8" Rubber Sheet Good For Gym Floor Base	5.96	2.93
09 65 66 00-0017	SF 3/16" Rubber Sheet Good For Gym Floor Base	6.72	3.36
09 65 66 00-0018	SF 1/4" Rubber Sheet Good For Gym Floor Base	7.71	3.60
09 65 66 00-0019	SF 3/8" Rubber Sheet Good For Gym Floor Base	8.46	3.83
09 65 66 00-0020	SF 1/2" Rubber Sheet Good For Gym Floor Base	8.95	4.07

09 65 66 00-0021	Polyurethane Floor Systems (09 65 66)		
	See CSI section 09 93 23 53-0015 for game lines.		
09 65 66 00-0022	SF 9 mm Thick Base Coat, 2 mm Thick Top Coat, Polyurethane Floor System With Polyurethane/Rubber Granulate Base (Robbins Pulastic)	24.83	2.39

09 66 Terrazzo Flooring (09 60)

09 66 13	Portland Cement Terrazzo Flooring (09 66)		
	Note: Excludes divider strips. See CSI section 09 66 33 00-0000 for conductive terrazzo.		

09 66 13 13	Sand Cushion Terrazzo Flooring (09 66 13)		
09 66 13 13-0001	Floors Not Bonded To Concrete (09 66 13 13)		
	Note: 3" Thick - 5/8" topping and 1/4" sand cushion.		
09 66 13 13-0002	SF Terrazzo Floor, Not Bonded, Gray Cement 3" Thick With 5/8" Topping, 1/4" Sand Cushion	34.70	3.03
	For Venetian Type Terrazzo, Add	9.24	
	For Abrasive Heavy Duty Terrazzo, Add	9.24	
	For Colors, Add	4.62	
	For Up To 100, Add	8.34	
	For >100 To 250, Add	4.17	
09 66 13 13-0003	SF Terrazzo Floor, Not Bonded, White Cement 3" Thick With 5/8" Topping, 1/4" Sand Cushion	34.88	3.03
	For Venetian Type Terrazzo, Add	9.33	
	For Abrasive Heavy Duty Terrazzo, Add	9.33	
	For Colors, Add	4.67	
	For Up To 100, Add	8.35	
	For >100 To 250, Add	4.18	

09 66 13 16	Monolithic Terrazzo Flooring (09 66 13)		
09 66 13 16-0001	Monolithic Terrazzo (09 66 13 16)		
09 66 13 16-0002	SF Monolithic Terrazzo, 3-1/2" Base 5/8" Topping, 4' To 5' Square Panels Topping	19.35	3.03
	Note: Including Mesh And Felt		
	For Venetian Type Terrazzo, Add	6.73	
	For Abrasive Heavy Duty Terrazzo, Add	6.73	
	For Colors, Add	3.37	
	For Up To 100, Add	3.70	
	For >100 To 250, Add	1.85	

09 66 13 19	Bonded Terrazzo Flooring (09 66 13)		
09 66 13 19-0001	Floors Bonded To Concrete (09 66 13 19)		
	Note: 1-3/4" Thick - 5/8" topping.		
09 66 13 19-0002	SF Terrazzo Floor, Bonded To Concrete, Gray Cement 1-3/4" Thick With 5/8" Topping	27.72	3.03
	For Venetian Type Terrazzo, Add	7.63	
	For Abrasive Heavy Duty Terrazzo, Add	7.63	
	For Colors, Add	3.81	
	For Up To 100, Add	6.51	
	For >100 To 250, Add	3.26	
09 66 13 19-0003	SF Terrazzo Floor, Bonded To Concrete, White Cement 1-3/4" Thick With 5/8" Topping	27.90	3.03
	For Venetian Type Terrazzo, Add	7.72	
	For Abrasive Heavy Duty Terrazzo, Add	7.72	
	For Colors, Add	3.86	
	For Up To 100, Add	6.53	
	For >100 To 250, Add	3.27	

09 66 13 19-0004	Terrazzo Wainscot (09 66 13 19)		
09 66 13 19-0005	SF 1-1/2" Thick Terrazzo Wainscot, Cast In Place, Bonded To Concrete Or Masonry	36.88	4.05
	For Venetian Type Terrazzo, Add	4.94	

09 66 13 19-0006	Terrazzo Base (09 66 13 19)		
09 66 13 19-0007	SF 6" Cove Type Terrazzo Base, Cast In Place, Bonded To Concrete Or Masonry	39.90	3.30
	For Venetian Type Terrazzo, Add	10.77	

09 66 13 19-0008	Terrazzo Curb (09 66 13 19)		
09 66 13 19-0009	LF 6" x 6" Terrazzo Curb, Cast In Place, Polished Top And 2 Faces	102.17	22.04
	For Venetian Type Terrazzo, Add	14.36	

09 66 13 19-0010	Stairs Cast In Place (09 66 13 19)		
	Note: Topping applied to concrete or metal.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 66 13 19-0011	LF	1-1/2" Thick x 12" Wide, Terrazzo Stair, Cast In Place, Bonded To Concrete Or Metal	37.53	6.08	
		<i>For Each SF Of Abrasive Surface Finish, Add</i>	0.35		
		<i>For Each LF Of Embedded Abrasive Strips, Add</i>	0.56		
		<i>For Each LF Of Abrasive Metal Nosing, Add</i>	3.90		
		<i>For Each SF Of Landings, Add</i>	1.50		
09 66 13 19-0012	LF	Terrazzo Stair Tread And Riser, Cast In Place, Bonded To Concrete Or Metal	93.40	20.26	
		<i>For Each SF Of Abrasive Surface Finish, Add</i>	0.35		
		<i>For Each LF Of Embedded Abrasive Strips, Add</i>	0.56		
		<i>For Each LF Of Abrasive Metal Nosing, Add</i>	3.90		
		<i>For Each SF Of Landings, Add</i>	1.50		
09 66 13 19-0013	SF	Terrazzo Stair Stringer And Fascia, Cast In Place, Bonded To Concrete Or Metal	38.07	6.08	
		<i>For Each SF Of Abrasive Surface Finish, Add</i>	0.35		
		<i>For Each LF Of Embedded Abrasive Strips, Add</i>	0.56		
		<i>For Each LF Of Abrasive Metal Nosing, Add</i>	3.90		
		<i>For Each SF Of Landings, Add</i>	1.50		
09 66 13 19-0014 Divider Strips <small>(09 66 13 19)</small>					
09 66 13 19-0015	LF	1-1/4" Deep, 14 Gauge, Zinc Plated Steel, Divider Strip	6.44	1.01	
09 66 13 19-0016	LF	1-1/4" Deep, 14 Gauge, Brass, Divider Strip	5.90	1.01	
09 66 13 19-0017	LF	1-1/4" Deep, 1/4" Thick, Zinc Plated Steel, Heavy Top Strip	10.09	1.01	
09 66 13 19-0018	LF	1-1/4" Deep, 1/4" Thick, Galvanized Steel Bottom, Brass, Heavy Top Strip	15.15	1.01	
09 66 13 19-0019	LF	1/2" x 1/2", 16 Gauge, Zinc Plated Steel, Divider Strip For Thin Set Floors	6.13	1.01	
09 66 13 19-0020	LF	1/2" x 1/2", 16 Gauge, Brass, Divider Strip For Thin Set Floors	9.32	1.01	
09 66 13 19-0021	LF	Vinyl Plastic, Divider Strip For Floor	5.11	1.01	
09 66 16 Terrazzo Floor Tile <small>(09 66)</small>					
09 66 16 13 Portland Cement Terrazzo Floor Tile <small>(09 66 16)</small>					
09 66 16 13-0001 Flooring Tiles <small>(09 66 16 13)</small>					
Note: Gray cement setting bed 3/16" polyester matrix or 1/2" cement matrix 12" x 12".					
09 66 16 13-0002 Terrazzo Tiles With Non Slip Surface <small>(09 66 16 13-0001)</small>					
09 66 16 13-0003	SF	9" x 9" x 1" Non Slip Precast Terrazzo, Thin Set Floor Tile	32.43	3.03	
		<i>For White Cement, Add</i>	0.36		
		<i>For Venetian Type Terrazzo, Add</i>	2.00		
09 66 16 13-0004	SF	12" x 12" x 1" Non Slip Precast Terrazzo, Thin Set Floor Tile	33.10	3.03	
		<i>For White Cement, Add</i>	0.36		
		<i>For Venetian Type Terrazzo, Add</i>	2.00		
09 66 16 13-0005	SF	12" x 12" x 1-1/2" Non Slip Precast Terrazzo, Thin Set Floor Tile	38.29	3.03	
		<i>For White Cement, Add</i>	0.36		
		<i>For Venetian Type Terrazzo, Add</i>	2.00		
09 66 16 13-0006	SF	18" x 18" x 1-1/2" Non Slip Precast Terrazzo, Thin Set Floor Tile	40.90	3.03	
		<i>For White Cement, Add</i>	0.36		
		<i>For Venetian Type Terrazzo, Add</i>	2.00		
09 66 16 13-0007	SF	24" x 24" x 1-1/2" Non Slip Precast Terrazzo, Thin Set Floor Tile	42.74	3.03	
		<i>For White Cement, Add</i>	0.36		
		<i>For Venetian Type Terrazzo, Add</i>	2.00		
09 66 16 13-0008 Terrazzo Tile Thin Set <small>(09 66 16 13-0001)</small>					
09 66 16 13-0009	SF	Precast Terrazzo, 1/4"-1/2" Chips Floor Tiles, Thin Set Gray Cement Bed	32.08	3.03	
		<i>For White Cement, Add</i>	0.36		
		<i>For Venetian Type Terrazzo, Add</i>	2.00		
09 66 16 13-0010	SF	Precast Terrazzo, 3/8"-1" Chips Floor Tiles, Thin Set Gray Cement Bed	34.19	3.03	
		<i>For White Cement, Add</i>	0.36		
		<i>For Venetian Type Terrazzo, Add</i>	2.00		
09 66 16 13-0011 Thin Set Terrazzo Wainscot <small>(09 66 16 13-0001)</small>					
09 66 16 13-0012	SF	12" x 12" x 1" Terrazzo Tile Wainscot Thin Set	51.00	6.61	
		<i>For Each LF Of White Cement, Add</i>	0.50		
		<i>For Each LF Of Zinc Toe Strip, Add</i>	1.00		
09 66 16 13-0013	SF	18" x 18" x 1-1/2" Terrazzo Tile Wainscot Thin Set	58.20	6.61	
		<i>For Each LF Of White Cement, Add</i>	0.50		
		<i>For Each LF Of Zinc Toe Strip, Add</i>	1.00		
09 66 16 13-0014 Thin Set Terrazzo Base, Gray Cement <small>(09 66 16 13-0001)</small>					
09 66 16 13-0015	LF	6" High, Straight Terrazzo Base Thin Set, Gray Cement	16.99	3.30	
		<i>For Each LF Of White Cement, Add</i>	0.50		
		<i>For Each LF Of Zinc Toe Strip, Add</i>	1.00		
09 66 16 13-0016	LF	6" High, Cove Terrazzo Base Thin Set, Gray Cement	18.94	3.30	
		<i>For Each LF Of White Cement, Add</i>	0.50		
		<i>For Each LF Of Zinc Toe Strip, Add</i>	1.00		
09 66 16 13-0017	LF	8" High, Straight Terrazzo Base Thin Set, Gray Cement	19.78	3.30	
		<i>For Each LF Of White Cement, Add</i>	0.50		
		<i>For Each LF Of Zinc Toe Strip, Add</i>	1.00		
09 66 16 13-0018	LF	8" High, Cove Terrazzo Base Thin Set, Gray Cement	20.76	3.30	
		<i>For Each LF Of White Cement, Add</i>	0.50		
		<i>For Each LF Of Zinc Toe Strip, Add</i>	1.00		
09 66 16 13-0019 Terrazzo Curbs <small>(09 66 16 13-0001)</small>					

09 Finishes**09 60 Flooring****09 66 Terrazzo Flooring**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 66 16 13-0020	LF		8" x 8" Curb, Terrazzo Tile..... <i>For Each LF Of White Cement, Add</i> <i>For Each LF Of Zinc Toe Strip, Add</i>	34.30 0.50 1.00	4.41
09 66 16 13-0021	LF		6" x 6" Curb, Terrazzo Tile..... <i>For Each LF Of White Cement, Add</i> <i>For Each LF Of Zinc Toe Strip, Add</i>	33.32 0.50 1.00	4.41
09 66 16 13-0022			Precast Terrazzo Stair Treads 12" Wide (09 66 16 13-0001)		
09 66 16 13-0023	LF		1-1/2" Precast Terrazzo Stair Tread 12" Wide x 1-1/2" Thick, Diamond Pattern.....	81.72	4.41
09 66 16 13-0024	LF		1-1/2" Precast Terrazzo Stair Tread 12" Wide x 1-1/2" Thick, Non Slip Surface.....	70.01	4.41
09 66 16 13-0025	LF		2" Precast Terrazzo Straight Stair Tread	62.21	4.41
09 66 16 13-0026	LF		2" Precast Terrazzo Curved Stair Tread	72.79	4.41
09 66 16 13-0027			Stair Risers, 1" Thick To 6" High, Straight (09 66 16 13-0001)		
09 66 16 13-0028	LF		1"-6" High Precast Terrazzo Stair Riser Straight Section, Thin Set	37.19	3.30
09 66 16 13-0029	LF		1"-6" High Precast Terrazzo Stair Riser Straight Cove Section, Thin Set.....	43.05	3.30
09 66 16 13-0030			Stair Risers, 1" Thick To 6" High, Curved (09 66 16 13-0001)		
09 66 16 13-0031	LF		1" To 6" High Precast Terrazzo Stair Riser Curved Vertical Section, Thin Set	54.59	3.30
09 66 16 13-0032	LF		1" To 6" High Precast Terrazzo Stair Riser Curved Cove Section, Thin Set.....	58.49	3.30
09 66 16 13-0033			Tread And Riser (09 66 16 13)		
09 66 16 13-0034			Stair Stringers, Notched For Treads And Risers (09 66 16 13-0033)		
09 66 16 13-0035	LF		1" Precast Terrazzo Stair Stringers Notched For Treads And Risers	91.60	8.81
09 66 16 13-0036	LF		2" Precast Terrazzo Stair Stringers Notched For Treads And Risers	110.51	8.81
09 66 16 13-0037			Structural Non-Slip Landings (09 66 16 13-0033)		
09 66 16 13-0038	SF		1-1/2" Thick Precast Terrazzo Stair Landing Structural, Non Slip.....	65.87	4.41
09 66 16 13-0039	SF		3" Thick Precast Terrazzo Stair Landing Structural, Non Slip.....	80.96	4.41
09 66 16 13-0040			Combined Tread And Riser (09 66 16 13-0033)		
09 66 16 13-0041			Straight Sections (09 66 16 13-0040)		
09 66 16 13-0042	LF		Precast Terrazzo Stair Tread And Riser 1-1/2" Tread, 3/4" Riser, Straight Section.....	143.20	8.81
09 66 16 13-0043	LF		Precast Terrazzo Stair Tread And Riser 3" Tread, 1" Riser, Straight Section.....	170.53	8.81
09 66 16 13-0044			Curved Sections (09 66 16 13-0040)		
09 66 16 13-0045	LF		Precast Terrazzo Stair Tread And Riser 2" Tread, 1" Riser, Curved Section.....	179.21	8.81
09 66 16 13-0046	LF		Precast Terrazzo Stair Tread And Riser 3" Tread, 1" Riser, Curved Section.....	226.06	8.81
09 66 23			Resinous Matrix Terrazzo Flooring (09 66)		
09 66 23 16			Epoxy-Resin Terrazzo Flooring (09 66 23)		
09 66 23 16-0001			Epoxy Terrazzo (09 66 23 16)		
09 66 23 16-0002	SF		Chemical Resistant Epoxy Terrazzo, 1/4" Thick.....	26.51	3.03
09 66 33			Conductive Terrazzo Flooring (09 66)		
			Note: For anti-static areas.		
09 66 33 13			Conductive Epoxy-Resin Terrazzo (09 66 33)		
09 66 33 13-0001	SF		Terrazzo, Epoxy System, Floor Sparkproof, Conductive, Industrial.....	28.36	5.51
09 66 33 13-0002	SF		Terrazzo, Epoxy System, Base Sparkproof, Conductive, Industrial.....	51.49	5.51
09 66 33 16			Conductive Polyester-Resin Terrazzo Flooring (09 66 33)		
09 66 33 16-0001	SF		Terrazzo, Polyester System, Floor Sparkproof, Conductive, Industrial.....	21.70	5.51
09 66 33 16-0002	SF		Terrazzo, Polyester System, Base Sparkproof, Conductive, Industrial.....	37.12	5.51
09 66 33 19			Conductive Plastic-Matrix Terrazzo Flooring (09 66 33)		
09 66 33 19-0001	SF		Terrazzo, Polyacrylate System, Floor Sparkproof, Conductive, Industrial	24.27	5.51
09 66 33 19-0002	SF		Terrazzo, Polyacrylate System, Base Sparkproof, Conductive, Industrial	46.41	5.51
09 66 33 19-0003	SF		Terrazzo, Synthetic Latex Mastic System, Floor Sparkproof, Conductive, Industrial	35.10	5.51
09 66 33 19-0004	SF		Terrazzo, Synthetic Latex Mastic System, Base Sparkproof, Conductive, Industrial	39.91	5.51
09 67			Fluid-Applied Flooring (09 60)		
09 67 16			Epoxy-Marble Chip Flooring (09 67)		
09 67 16 00-0001			Epoxy Marble Chip Flooring (09 67 16)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 67 16 00-0002	SF		Epoxy Marble Floor With Colored Quartz Chips In 1/4" Base Note: Includes primer, 1/4" epoxy marble coat with quartz chips and top seal coat. <i>For Skid Resistant Abrasive Sand Finish, Add</i> <i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i>	17.48 0.08 0.08	3.03
09 67 16 00-0003	SF		Epoxy Marble Chip Floor, Topping 3/16" Thick, Heavy Duty Epoxy Note: Includes primer, 3/16" marble chip coat and top seal coat. <i>For Skid Resistant Abrasive Sand Finish, Add</i> <i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i>	18.65 0.09 0.09	3.03

09 67 23 Resinous Flooring (09 67)
09 67 23 00-0001 Epoxy Resin Flooring (09 67 23)

09 67 23 00-0002	SF		3/16" Heavy Duty (6,000 To 7,500 PSI) Epoxy Flooring Trowel Applied Mortar Compound..... Note: Includes primer, one 3/16" slurry coat and top seal coats (color). <i>For Skid Resistant Abrasive Sand Finish, Add</i> <i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i> <i>For Up To 500, Add</i> <i>For >500 To 1,000, Add</i> <i>For >1,000 To 2,000, Add</i> <i>For >10,000, Deduct</i>	14.46 0.06 0.06 2.81 1.76 0.88 -0.93	6.89
09 67 23 00-0003	SF		3/16" Chemical Resistant (10,000 To 12,000 PSI) Epoxy Flooring Trowel Applied Mortar Compound Note: Includes primer, one 3/16" slurry coat and top seal coats (color). <i>For Skid Resistant Abrasive Sand Finish, Add</i> <i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i> <i>For Up To 500, Add</i> <i>For >500 To 1,000, Add</i> <i>For >1,000 To 2,000, Add</i> <i>For >10,000, Deduct</i>	22.14 0.14 0.14 4.73 2.92 1.46 -1.31	6.89
09 67 23 00-0004	SF		1/4" Heavy Duty (6,000 To 7,500 PSI) Epoxy Flooring Trowel Applied Mortar Compound..... Note: Includes primer, two 1/8" slurry coats and top seal coats (color). <i>For Skid Resistant Abrasive Sand Finish, Add</i> <i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i> <i>For Up To 500, Add</i> <i>For >500 To 1,000, Add</i> <i>For >1,000 To 2,000, Add</i> <i>For >10,000, Deduct</i>	17.19 0.07 0.07 3.28 2.07 1.04 -1.11	7.69
09 67 23 00-0005	SF		1/4" Chemical Resistant (10,000 To 12,000 PSI) Epoxy Flooring Trowel Applied Mortar Compound Note: Includes primer, two 1/8" slurry coats and top seal coats (color). <i>For Skid Resistant Abrasive Sand Finish, Add</i> <i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i> <i>For Up To 500, Add</i> <i>For >500 To 1,000, Add</i> <i>For >1,000 To 2,000, Add</i> <i>For >10,000, Deduct</i>	26.00 0.16 0.16 5.49 3.39 1.70 -1.55	7.69
09 67 23 00-0006	SF		3/8" Heavy Duty (6,000 To 7,500 PSI) Epoxy Flooring Trowel Applied Mortar Compound..... Note: Includes primer, two 3/16" slurry coats and top seal coats (color). <i>For Skid Resistant Abrasive Sand Finish, Add</i> <i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i> <i>For Up To 500, Add</i> <i>For >500 To 1,000, Add</i> <i>For >1,000 To 2,000, Add</i> <i>For >10,000, Deduct</i>	19.44 0.08 0.08 3.74 2.35 1.18 -1.25	8.61
09 67 23 00-0007	SF		3/8" Chemical Resistant (10,000 To 12,000 PSI) Epoxy Flooring Trowel Applied Mortar Compound Note: Includes primer, two 3/16" slurry coats and top seal coats (color). <i>For Skid Resistant Abrasive Sand Finish, Add</i> <i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i> <i>For Up To 500, Add</i> <i>For >500 To 1,000, Add</i> <i>For >1,000 To 2,000, Add</i> <i>For >10,000, Deduct</i>	28.78 0.18 0.18 6.07 3.75 1.88 -1.72	8.61

09 68 Carpeting (09 60)

Note: No VOC carpet and adhesives. Includes tack strips, glue and floor fastenings as required and vacuuming.

09 68 13 Tile Carpeting (09 68)
09 68 13 00-0001 Tufted Carpet Tile With Fiberglass Reinforced Backing (09 68 13)

Note: Includes glue (Lees ICT Backing System)

09 68 13 00-0002 Non-Patterned Carpet Tiles (09 68 13 00-0001)

09 68 13 00-0003	SY		18 Ounce, Non Patterned, Nylon Carpet Tile <i>For Up To 15, Add</i> <i>For >15 To 33, Add</i> <i>For >200 To 400, Deduct</i> <i>For >400 To 600, Deduct</i> <i>For >600 To 900, Deduct</i> <i>For >900 To 1,500, Deduct</i> <i>For >1,500 To 2,200, Deduct</i> <i>For >2,200 To 3,500, Deduct</i> <i>For >3,500, Deduct</i> <i>For Cushion Backed Tile, Add</i>	41.87 3.53 1.77 -0.48 -0.73 -1.48 -2.22 -3.30 -4.35 -5.40 6.00	7.21
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09 Finishes

09 60 Flooring

09 68 Carpeting

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 68 13 00-0004	SY	20 Ounce, Non Patterned, Nylon Carpet Tile.....	43.34	7.21
		For Up To 15, Add	3.53	
		For >15 To 33, Add	1.77	
		For >200 To 400, Deduct	-0.51	
		For >400 To 600, Deduct	-0.77	
		For >600 To 900, Deduct	-1.55	
		For >900 To 1,500, Deduct	-2.33	
		For >1,500 To 2,200, Deduct	-3.45	
		For >2,200 To 3,500, Deduct	-4.53	
		For >3,500, Deduct	-5.62	
		For Cushion Backed Tile, Add	6.00	
09 68 13 00-0005	SY	22 Ounce, Non Patterned, Nylon Carpet Tile.....	48.00	7.21
		For Up To 15, Add	3.53	
		For >15 To 33, Add	1.77	
		For >200 To 400, Deduct	-0.61	
		For >400 To 600, Deduct	-0.91	
		For >600 To 900, Deduct	-1.78	
		For >900 To 1,500, Deduct	-2.65	
		For >1,500 To 2,200, Deduct	-3.92	
		For >2,200 To 3,500, Deduct	-5.12	
		For >3,500, Deduct	-6.32	
		For Cushion Backed Tile, Add	6.00	
09 68 13 00-0006	SY	24 Ounce, Non Patterned, Nylon Carpet Tile.....	52.55	7.21
		For Up To 15, Add	3.53	
		For >15 To 33, Add	1.77	
		For >200 To 400, Deduct	-0.70	
		For >400 To 600, Deduct	-1.05	
		For >600 To 900, Deduct	-2.01	
		For >900 To 1,500, Deduct	-2.97	
		For >1,500 To 2,200, Deduct	-4.37	
		For >2,200 To 3,500, Deduct	-5.69	
		For >3,500, Deduct	-7.00	
		For Cushion Backed Tile, Add	6.00	
09 68 13 00-0007	SY	26 Ounce, Non Patterned, Nylon Carpet Tile.....	55.20	7.21
		For Up To 15, Add	3.53	
		For >15 To 33, Add	1.77	
		For >200 To 400, Deduct	-0.75	
		For >400 To 600, Deduct	-1.13	
		For >600 To 900, Deduct	-2.14	
		For >900 To 1,500, Deduct	-3.16	
		For >1,500 To 2,200, Deduct	-4.64	
		For >2,200 To 3,500, Deduct	-6.02	
		For >3,500, Deduct	-7.40	
		For Cushion Backed Tile, Add	6.00	
09 68 13 00-0008	SY	28 Ounce, Non Patterned, Nylon Carpet Tile.....	57.93	7.21
		For Up To 15, Add	3.53	
		For >15 To 33, Add	1.77	
		For >200 To 400, Deduct	-0.81	
		For >400 To 600, Deduct	-1.21	
		For >600 To 900, Deduct	-2.28	
		For >900 To 1,500, Deduct	-3.35	
		For >1,500 To 2,200, Deduct	-4.91	
		For >2,200 To 3,500, Deduct	-6.36	
		For >3,500, Deduct	-7.81	
		For Cushion Backed Tile, Add	6.00	
09 68 13 00-0009	SY	30 Ounce, Non Patterned, Nylon Carpet Tile.....	58.73	7.21
		For Up To 15, Add	3.53	
		For >15 To 33, Add	1.77	
		For >200 To 400, Deduct	-0.82	
		For >400 To 600, Deduct	-1.23	
		For >600 To 900, Deduct	-2.32	
		For >900 To 1,500, Deduct	-3.40	
		For >1,500 To 2,200, Deduct	-4.99	
		For >2,200 To 3,500, Deduct	-6.46	
		For >3,500, Deduct	-7.93	
		For Cushion Backed Tile, Add	6.00	
09 68 13 00-0010	SY	32 Ounce, Non Patterned, Nylon Carpet Tile.....	59.24	7.21
		For Up To 15, Add	3.53	
		For >15 To 33, Add	1.77	
		For >200 To 400, Deduct	-0.83	
		For >400 To 600, Deduct	-1.25	
		For >600 To 900, Deduct	-2.34	
		For >900 To 1,500, Deduct	-3.44	
		For >1,500 To 2,200, Deduct	-5.04	
		For >2,200 To 3,500, Deduct	-6.52	
		For >3,500, Deduct	-8.00	
		For Cushion Backed Tile, Add	6.00	
09 68 13 00-0011	SY	34 Ounce, Non Patterned, Nylon Carpet Tile.....	59.66	7.21
		For Up To 15, Add	3.53	
		For >15 To 33, Add	1.77	
		For >200 To 400, Deduct	-0.84	
		For >400 To 600, Deduct	-1.26	
		For >600 To 900, Deduct	-2.36	
		For >900 To 1,500, Deduct	-3.47	
		For >1,500 To 2,200, Deduct	-5.08	
		For >2,200 To 3,500, Deduct	-6.57	
		For >3,500, Deduct	-8.07	
		For Cushion Backed Tile, Add	6.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0012	SY		36 Ounce, Non Patterned, Nylon Carpet Tile	61.12	7.21
			For Up To 15, Add	3.53	
			For >15 To 33, Add	1.77	
			For >200 To 400, Deduct	-0.87	
			For >400 To 600, Deduct	-1.30	
			For >600 To 900, Deduct	-2.44	
			For >900 To 1,500, Deduct	-3.57	
			For >1,500 To 2,200, Deduct	-5.23	
			For >2,200 To 3,500, Deduct	-6.76	
			For >3,500, Deduct	-8.29	
			For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
			For Cushion Backed Tile, Add	6.00	
09 68 13 00-0013	SY		38 Ounce, Non Patterned, Nylon Carpet Tile	63.99	7.21
			For Up To 15, Add	3.53	
			For >15 To 33, Add	1.77	
			For >200 To 400, Deduct	-0.93	
			For >400 To 600, Deduct	-1.39	
			For >600 To 900, Deduct	-2.58	
			For >900 To 1,500, Deduct	-3.77	
			For >1,500 To 2,200, Deduct	-5.52	
			For >2,200 To 3,500, Deduct	-7.12	
			For >3,500, Deduct	-8.72	
			For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
			For Cushion Backed Tile, Add	6.00	
09 68 13 00-0014	SY		40 Ounce, Non Patterned, Nylon Carpet Tile	67.08	7.21
			For Up To 15, Add	3.53	
			For >15 To 33, Add	1.77	
			For >200 To 400, Deduct	-0.99	
			For >400 To 600, Deduct	-1.48	
			For >600 To 900, Deduct	-2.74	
			For >900 To 1,500, Deduct	-3.99	
			For >1,500 To 2,200, Deduct	-5.83	
			For >2,200 To 3,500, Deduct	-7.50	
			For >3,500, Deduct	-9.18	
			For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
			For Cushion Backed Tile, Add	6.00	
09 68 13 00-0015	SY		42 Ounce, Non Patterned, Nylon Carpet Tile	73.01	7.21
			For Up To 15, Add	3.53	
			For >15 To 33, Add	1.77	
			For >200 To 400, Deduct	-1.11	
			For >400 To 600, Deduct	-1.66	
			For >600 To 900, Deduct	-3.03	
			For >900 To 1,500, Deduct	-4.40	
			For >1,500 To 2,200, Deduct	-6.42	
			For >2,200 To 3,500, Deduct	-8.24	
			For >3,500, Deduct	-10.07	
			For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
			For Cushion Backed Tile, Add	6.00	
09 68 13 00-0016	SY		Installation Of Owner Provided Non Patterned Carpet Tiles	17.33	
09 68 13 00-0017			Patterned Carpet Tiles (09 68 13 00-0001)		
			Note: Patterned carpet has a definitive repeating pattern as defined by the manufacturer.		
09 68 13 00-0018	SY		15 Ounce, Patterned, Nylon Carpet Tile	43.22	7.21
			For Up To 15, Add	3.89	
			For >15 To 33, Add	1.94	
			For >200 To 400, Deduct	-0.48	
			For >400 To 600, Deduct	-0.71	
			For >600 To 900, Deduct	-1.48	
			For >900 To 1,500, Deduct	-2.25	
			For >1,500 To 2,200, Deduct	-3.35	
			For >2,200 To 3,500, Deduct	-4.43	
			For >3,500, Deduct	-5.51	
			For Cushion Backed Tile, Add	6.00	
09 68 13 00-0019	SY		18 Ounce, Patterned, Nylon Carpet Tile	44.01	7.21
			For Up To 15, Add	3.89	
			For >15 To 33, Add	1.94	
			For >200 To 400, Deduct	-0.49	
			For >400 To 600, Deduct	-0.74	
			For >600 To 900, Deduct	-1.52	
			For >900 To 1,500, Deduct	-2.30	
			For >1,500 To 2,200, Deduct	-3.43	
			For >2,200 To 3,500, Deduct	-4.53	
			For >3,500, Deduct	-5.63	
			For Cushion Backed Tile, Add	6.00	
09 68 13 00-0020	SY		20 Ounce, Patterned, Nylon Carpet Tile	45.50	7.21
			For Up To 15, Add	3.89	
			For >15 To 33, Add	1.94	
			For >200 To 400, Deduct	-0.52	
			For >400 To 600, Deduct	-0.78	
			For >600 To 900, Deduct	-1.59	
			For >900 To 1,500, Deduct	-2.41	
			For >1,500 To 2,200, Deduct	-3.58	
			For >2,200 To 3,500, Deduct	-4.72	
			For >3,500, Deduct	-5.85	
			For Cushion Backed Tile, Add	6.00	

09 Finishes

09 60 Flooring

09 68 Carpeting

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68	13 00-0021	SY	22 Ounce, Patterned, Nylon Carpet Tile	50.23	7.21
			For Up To 15, Add	3.89	
			For >15 To 33, Add	1.94	
			For >200 To 400, Deduct	-0.62	
			For >400 To 600, Deduct	-0.92	
			For >600 To 900, Deduct	-1.83	
			For >900 To 1,500, Deduct	-2.74	
			For >1,500 To 2,200, Deduct	-4.05	
			For >2,200 To 3,500, Deduct	-5.31	
			For >3,500, Deduct	-6.56	
			For Cushion Backed Tile, Add	6.00	
09 68	13 00-0022	SY	24 Ounce, Patterned, Nylon Carpet Tile	54.84	7.21
			For Up To 15, Add	3.89	
			For >15 To 33, Add	1.94	
			For >200 To 400, Deduct	-0.71	
			For >400 To 600, Deduct	-1.06	
			For >600 To 900, Deduct	-2.06	
			For >900 To 1,500, Deduct	-3.06	
			For >1,500 To 2,200, Deduct	-4.51	
			For >2,200 To 3,500, Deduct	-5.88	
			For >3,500, Deduct	-7.25	
			For Cushion Backed Tile, Add	6.00	
09 68	13 00-0023	SY	26 Ounce, Patterned, Nylon Carpet Tile	57.54	7.21
			For Up To 15, Add	3.89	
			For >15 To 33, Add	1.94	
			For >200 To 400, Deduct	-0.76	
			For >400 To 600, Deduct	-1.14	
			For >600 To 900, Deduct	-2.20	
			For >900 To 1,500, Deduct	-3.25	
			For >1,500 To 2,200, Deduct	-4.78	
			For >2,200 To 3,500, Deduct	-6.22	
			For >3,500, Deduct	-7.66	
			For Cushion Backed Tile, Add	6.00	
09 68	13 00-0024	SY	28 Ounce, Patterned, Nylon Carpet Tile	60.30	7.21
			For Up To 15, Add	3.89	
			For >15 To 33, Add	1.94	
			For >200 To 400, Deduct	-0.82	
			For >400 To 600, Deduct	-1.23	
			For >600 To 900, Deduct	-2.33	
			For >900 To 1,500, Deduct	-3.44	
			For >1,500 To 2,200, Deduct	-5.06	
			For >2,200 To 3,500, Deduct	-6.57	
			For >3,500, Deduct	-8.07	
			For Cushion Backed Tile, Add	6.00	
09 68	13 00-0025	SY	30 Ounce, Patterned, Nylon Carpet Tile	61.12	7.21
			For Up To 15, Add	3.89	
			For >15 To 33, Add	1.94	
			For >200 To 400, Deduct	-0.83	
			For >400 To 600, Deduct	-1.25	
			For >600 To 900, Deduct	-2.38	
			For >900 To 1,500, Deduct	-3.50	
			For >1,500 To 2,200, Deduct	-5.14	
			For >2,200 To 3,500, Deduct	-6.67	
			For >3,500, Deduct	-8.20	
			For Cushion Backed Tile, Add	6.00	
09 68	13 00-0026	SY	32 Ounce, Patterned, Nylon Carpet Tile	61.63	7.21
			For Up To 15, Add	3.89	
			For >15 To 33, Add	1.94	
			For >200 To 400, Deduct	-0.84	
			For >400 To 600, Deduct	-1.27	
			For >600 To 900, Deduct	-2.40	
			For >900 To 1,500, Deduct	-3.54	
			For >1,500 To 2,200, Deduct	-5.19	
			For >2,200 To 3,500, Deduct	-6.73	
			For >3,500, Deduct	-8.27	
			For Cushion Backed Tile, Add	6.00	
09 68	13 00-0027	SY	34 Ounce, Patterned, Nylon Carpet Tile	62.06	7.21
			For Up To 15, Add	3.89	
			For >15 To 33, Add	1.94	
			For >200 To 400, Deduct	-0.85	
			For >400 To 600, Deduct	-1.28	
			For >600 To 900, Deduct	-2.42	
			For >900 To 1,500, Deduct	-3.57	
			For >1,500 To 2,200, Deduct	-5.23	
			For >2,200 To 3,500, Deduct	-6.79	
			For >3,500, Deduct	-8.34	
			For Cushion Backed Tile, Add	6.00	
09 68	13 00-0028	SY	36 Ounce, Patterned, Nylon Carpet Tile	63.54	7.21
			For Up To 15, Add	3.89	
			For >15 To 33, Add	1.94	
			For >200 To 400, Deduct	-0.88	
			For >400 To 600, Deduct	-1.32	
			For >600 To 900, Deduct	-2.50	
			For >900 To 1,500, Deduct	-3.67	
			For >1,500 To 2,200, Deduct	-5.38	
			For >2,200 To 3,500, Deduct	-6.97	
			For >3,500, Deduct	-8.56	
			For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
			For Cushion Backed Tile, Add	6.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0029	SY		38 Ounce, Patterned, Nylon Carpet Tile	66.45	7.21
			For Up To 15, Add	3.89	
			For >15 To 33, Add	1.94	
			For >200 To 400, Deduct	-0.94	
			For >400 To 600, Deduct	-1.41	
			For >600 To 900, Deduct	-2.64	
			For >900 To 1,500, Deduct	-3.87	
			For >1,500 To 2,200, Deduct	-5.67	
			For >2,200 To 3,500, Deduct	-7.33	
			For >3,500, Deduct	-9.00	
			For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
			For Cushion Backed Tile, Add	6.00	
09 68 13 00-0030	SY		40 Ounce, Patterned, Nylon Carpet Tile	69.59	7.21
			For Up To 15, Add	3.89	
			For >15 To 33, Add	1.94	
			For >200 To 400, Deduct	-1.00	
			For >400 To 600, Deduct	-1.50	
			For >600 To 900, Deduct	-2.80	
			For >900 To 1,500, Deduct	-4.09	
			For >1,500 To 2,200, Deduct	-5.99	
			For >2,200 To 3,500, Deduct	-7.73	
			For >3,500, Deduct	-9.47	
			For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
			For Cushion Backed Tile, Add	6.00	
09 68 13 00-0031	SY		42 Ounce, Patterned, Nylon Carpet Tile	75.61	7.21
			For Up To 15, Add	3.89	
			For >15 To 33, Add	1.94	
			For >200 To 400, Deduct	-1.12	
			For >400 To 600, Deduct	-1.69	
			For >600 To 900, Deduct	-3.10	
			For >900 To 1,500, Deduct	-4.52	
			For >1,500 To 2,200, Deduct	-6.59	
			For >2,200 To 3,500, Deduct	-8.48	
			For >3,500, Deduct	-10.37	
			For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
			For Cushion Backed Tile, Add	6.00	
09 68 13 00-0032	SY		Installation Of Owner Provided Patterned Carpet Tiles	19.90	
09 68 13 00-0033			ESD Static Control Carpet Tiles (StaticSmart Mission Critical Discovery		
			ECO Series) (09 68 13 00-0001)		
			Note: Includes conductive ESD releasable adhesive and grounding clips.		
09 68 13 00-0034	SY		24 Ounce, ESD Static Control, Non-Patterned, Nylon Carpet Tile (StaticSmart Mission Critical Discovery ECO Series)	93.94	7.21
			For Up To 15, Add	3.89	
			For >15 To 33, Add	1.94	
			For >200 To 400, Deduct	-1.49	
			For >400 To 600, Deduct	-2.24	
			For >600 To 900, Deduct	-4.02	
			For >900 To 1,500, Deduct	-5.80	
			For >1,500 To 2,200, Deduct	-8.42	
			For >2,200 To 3,500, Deduct	-10.77	
			For >3,500, Deduct	-13.12	
09 68 13 00-0035			Carpet Tiles (09 68 13)		
			Note: Includes glue		
09 68 13 00-0036	SY		27 Ounce, Patterned, Nylon Carpet Tile (Mannington Graffiti II)	120.89	7.21
			Note: Tip sheared patterned loop carpet tile with reinforced composite closed cell polymer backing.		
			For >200 To 400, Deduct	-2.03	
			For >400 To 600, Deduct	-3.04	
			For >600 To 900, Deduct	-5.36	
			For >900 To 1,500, Deduct	-7.69	
			For >1,500 To 2,200, Deduct	-11.12	
			For >2,200 To 3,500, Deduct	-14.14	
			For >3,500, Deduct	-17.16	
09 68 13 00-0037	SY		22 Ounce, Patterned, Nylon Carpet Tile (Lees Ground Strata)	102.61	7.21
			Note: Tufted carpet tile with EcoFlex ICT backing.		
			For >200 To 400, Deduct	-1.66	
			For >400 To 600, Deduct	-2.50	
			For >600 To 900, Deduct	-4.45	
			For >900 To 1,500, Deduct	-6.41	
			For >1,500 To 2,200, Deduct	-9.29	
			For >2,200 To 3,500, Deduct	-11.85	
			For >3,500, Deduct	-14.42	
09 68 13 00-0038	SY		20 Ounce, Patterned, Nylon Carpet Tile (Lees Parkway)	105.90	7.21
			Note: Tufted carpet tile with EcoFlex ICT backing.		
			For >200 To 400, Deduct	-1.73	
			For >400 To 600, Deduct	-2.59	
			For >600 To 900, Deduct	-4.61	
			For >900 To 1,500, Deduct	-6.64	
			For >1,500 To 2,200, Deduct	-9.62	
			For >2,200 To 3,500, Deduct	-12.27	
			For >3,500, Deduct	-14.91	

09 Finishes**09 60 Flooring****09 68 Carpeting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 68 13 00-0039	SY	22 Ounce, Patterned, Nylon Carpet Tile (Lees Realization)	103.16	7.21
		Note: Tufted carpet tile with EcoFlex ICT backing.		
		For >200 To 400, Deduct	-1.67	
		For >400 To 600, Deduct	-2.51	
		For >600 To 900, Deduct	-4.48	
		For >900 To 1,500, Deduct	-6.44	
		For >1,500 To 2,200, Deduct	-9.34	
		For >2,200 To 3,500, Deduct	-11.92	
		For >3,500, Deduct	-14.50	
09 68 13 00-0040	SY	20 Ounce, Patterned, Nylon Carpet Tile (Lees Shirt)	106.45	7.21
		Note: Tufted carpet tile with EcoFlex ICT backing.		
		For >200 To 400, Deduct	-1.74	
		For >400 To 600, Deduct	-2.61	
		For >600 To 900, Deduct	-4.64	
		For >900 To 1,500, Deduct	-6.67	
		For >1,500 To 2,200, Deduct	-9.67	
		For >2,200 To 3,500, Deduct	-12.33	
		For >3,500, Deduct	-15.00	

09 68 16 Sheet Carpeting (09 68)

Note: Weights shown are face weight excluding backing weight and excludes padding. Demolition of carpet includes removal of glue if required. Residential carpet backing basis is for padding and commercial carpet backing is for glue down.

09 68 16 00-0001 Carpet Cushion (09 68 16)

09 68 16 00-0002 Carpet Padding (09 68 16 00-0001)

09 68 16 00-0003 Prime Polyurethane Foam Carpet Padding (09 68 16 00-0002)

09 68 16 00-0004	SY	1/16" Thick, Prime Polyurethane Foam Carpet Padding	17.30	3.02
		For Up To 15, Add	0.91	
		For >15 To 33, Add	0.46	
		For >200 To 400, Deduct	-0.25	
		For >400 To 600, Deduct	-0.38	
		For >600 To 900, Deduct	-0.71	
		For >900 To 1,500, Deduct	-1.03	
		For >1,500 To 2,200, Deduct	-1.50	
		For >2,200 To 3,500, Deduct	-1.93	
		For >3,500, Deduct	-2.37	
09 68 16 00-0005	SY	1/2" Thick, Prime Polyurethane Foam Carpet Padding	18.05	3.02
		For Up To 15, Add	0.91	
		For >15 To 33, Add	0.46	
		For >200 To 400, Deduct	-0.27	
		For >400 To 600, Deduct	-0.40	
		For >600 To 900, Deduct	-0.74	
		For >900 To 1,500, Deduct	-1.08	
		For >1,500 To 2,200, Deduct	-1.58	
		For >2,200 To 3,500, Deduct	-2.03	
		For >3,500, Deduct	-2.48	

09 68 16 00-0006 Bonded (Rebond) Polyurethane Foam Carpet Padding (09 68 16 00-0002)

09 68 16 00-0007	SY	1/4" Thick, 8 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding	10.79	3.02
		For Up To 15, Add	0.91	
		For >15 To 33, Add	0.46	
		For >200 To 400, Deduct	-0.12	
		For >400 To 600, Deduct	-0.19	
		For >600 To 900, Deduct	-0.38	
		For >900 To 1,500, Deduct	-0.57	
		For >1,500 To 2,200, Deduct	-0.85	
		For >2,200 To 3,500, Deduct	-1.12	
		For >3,500, Deduct	-1.39	
09 68 16 00-0008	SY	5/16" Thick, 8 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding	11.31	3.02
		For Up To 15, Add	0.91	
		For >15 To 33, Add	0.46	
		For >200 To 400, Deduct	-0.13	
		For >400 To 600, Deduct	-0.20	
		For >600 To 900, Deduct	-0.41	
		For >900 To 1,500, Deduct	-0.61	
		For >1,500 To 2,200, Deduct	-0.90	
		For >2,200 To 3,500, Deduct	-1.19	
		For >3,500, Deduct	-1.47	
09 68 16 00-0009	SY	3/8" Thick, 5.5 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding	8.89	3.02
		For Up To 15, Add	0.91	
		For >15 To 33, Add	0.46	
		For >200 To 400, Deduct	-0.09	
		For >400 To 600, Deduct	-0.13	
		For >600 To 900, Deduct	-0.28	
		For >900 To 1,500, Deduct	-0.44	
		For >1,500 To 2,200, Deduct	-0.66	
		For >2,200 To 3,500, Deduct	-0.88	
		For >3,500, Deduct	-1.11	
09 68 16 00-0010	SY	3/8" Thick, 8 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding	10.96	3.02
		For Up To 15, Add	0.91	
		For >15 To 33, Add	0.46	
		For >200 To 400, Deduct	-0.13	
		For >400 To 600, Deduct	-0.19	
		For >600 To 900, Deduct	-0.39	
		For >900 To 1,500, Deduct	-0.58	
		For >1,500 To 2,200, Deduct	-0.87	
		For >2,200 To 3,500, Deduct	-1.14	
		For >3,500, Deduct	-1.42	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0011	SY		7/16" Thick, 5.5 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding.....	10.96	3.02
			For Up To 15, Add	0.91	
			For >15 To 33, Add	0.46	
			For >200 To 400, Deduct	-0.13	
			For >400 To 600, Deduct	-0.19	
			For >600 To 900, Deduct	-0.39	
			For >900 To 1,500, Deduct	-0.58	
			For >1,500 To 2,200, Deduct	-0.87	
			For >2,200 To 3,500, Deduct	-1.14	
			For >3,500, Deduct	-1.42	
09 68 16 00-0012	SY		7/16" Thick, 6 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding.....	10.96	3.02
			For Up To 15, Add	0.91	
			For >15 To 33, Add	0.46	
			For >200 To 400, Deduct	-0.13	
			For >400 To 600, Deduct	-0.19	
			For >600 To 900, Deduct	-0.39	
			For >900 To 1,500, Deduct	-0.58	
			For >1,500 To 2,200, Deduct	-0.87	
			For >2,200 To 3,500, Deduct	-1.14	
			For >3,500, Deduct	-1.42	
09 68 16 00-0013	SY		7/16" Thick, 8 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding.....	12.19	3.02
			For Up To 15, Add	0.91	
			For >15 To 33, Add	0.46	
			For >200 To 400, Deduct	-0.15	
			For >400 To 600, Deduct	-0.23	
			For >600 To 900, Deduct	-0.45	
			For >900 To 1,500, Deduct	-0.67	
			For >1,500 To 2,200, Deduct	-0.99	
			For >2,200 To 3,500, Deduct	-1.30	
			For >3,500, Deduct	-1.60	
09 68 16 00-0014	SY		1/2" Thick, 5.5 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding.....	10.85	3.02
			For Up To 15, Add	0.91	
			For >15 To 33, Add	0.46	
			For >200 To 400, Deduct	-0.13	
			For >400 To 600, Deduct	-0.19	
			For >600 To 900, Deduct	-0.38	
			For >900 To 1,500, Deduct	-0.58	
			For >1,500 To 2,200, Deduct	-0.86	
			For >2,200 To 3,500, Deduct	-1.13	
			For >3,500, Deduct	-1.40	
09 68 16 00-0015	SY		1/2" Thick, 6 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding.....	11.25	3.02
			For Up To 15, Add	0.91	
			For >15 To 33, Add	0.46	
			For >200 To 400, Deduct	-0.13	
			For >400 To 600, Deduct	-0.20	
			For >600 To 900, Deduct	-0.40	
			For >900 To 1,500, Deduct	-0.60	
			For >1,500 To 2,200, Deduct	-0.90	
			For >2,200 To 3,500, Deduct	-1.18	
			For >3,500, Deduct	-1.46	
09 68 16 00-0016	SY		1/2" Thick, 8 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding.....	12.71	3.02
			For Up To 15, Add	0.91	
			For >15 To 33, Add	0.46	
			For >200 To 400, Deduct	-0.16	
			For >400 To 600, Deduct	-0.24	
			For >600 To 900, Deduct	-0.48	
			For >900 To 1,500, Deduct	-0.71	
			For >1,500 To 2,200, Deduct	-1.04	
			For >2,200 To 3,500, Deduct	-1.36	
			For >3,500, Deduct	-1.68	
09 68 16 00-0017			Froth Polyurethane Foam Carpet Padding (09 68 16 00-0002)		
09 68 16 00-0018	SY		0.175" Thick, 16 LB/CF Froth Polyurethane Foam Rubber Carpet Padding.....	18.43	3.02
			For Up To 15, Add	0.91	
			For >15 To 33, Add	0.46	
			For >200 To 400, Deduct	-0.28	
			For >400 To 600, Deduct	-0.42	
			For >600 To 900, Deduct	-0.76	
			For >900 To 1,500, Deduct	-1.11	
			For >1,500 To 2,200, Deduct	-1.61	
			For >2,200 To 3,500, Deduct	-2.08	
			For >3,500, Deduct	-2.54	
09 68 16 00-0019	SY		0.250" Thick, 12 LB/CF Froth Polyurethane Foam Rubber Carpet Padding.....	20.58	3.02
			For Up To 15, Add	0.91	
			For >15 To 33, Add	0.46	
			For >200 To 400, Deduct	-0.32	
			For >400 To 600, Deduct	-0.48	
			For >600 To 900, Deduct	-0.87	
			For >900 To 1,500, Deduct	-1.26	
			For >1,500 To 2,200, Deduct	-1.83	
			For >2,200 To 3,500, Deduct	-2.34	
			For >3,500, Deduct	-2.86	

09 Finishes**09 60 Flooring****09 68 Carpeting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 68 16 00-0020	SY	0.250" Thick, 16 LB/CF Froth Polyurethane Foam Rubber Carpet Padding.....	22.24	3.02
		<i>For Up To 15, Add</i>	0.91	
		<i>For >15 To 33, Add</i>	0.46	
		<i>For >200 To 400, Deduct</i>	-0.35	
		<i>For >400 To 600, Deduct</i>	-0.53	
		<i>For >600 To 900, Deduct</i>	-0.95	
		<i>For >900 To 1,500, Deduct</i>	-1.37	
		<i>For >1,500 To 2,200, Deduct</i>	-2.00	
		<i>For >2,200 To 3,500, Deduct</i>	-2.55	
		<i>For >3,500, Deduct</i>	-3.11	
09 68 16 00-0021		Waffle Rubber Carpet Padding (09 68 16 00-0002)		
09 68 16 00-0022	SY	3/8" Thick, 90 OZ/SY Waffle Rubber Carpet Padding.....	21.16	3.02
		<i>For Up To 15, Add</i>	0.91	
		<i>For >15 To 33, Add</i>	0.46	
		<i>For >200 To 400, Deduct</i>	-0.33	
		<i>For >400 To 600, Deduct</i>	-0.50	
		<i>For >600 To 900, Deduct</i>	-0.90	
		<i>For >900 To 1,500, Deduct</i>	-1.30	
		<i>For >1,500 To 2,200, Deduct</i>	-1.89	
		<i>For >2,200 To 3,500, Deduct</i>	-2.42	
		<i>For >3,500, Deduct</i>	-2.95	
09 68 16 00-0023		Flat Sponge Rubber Carpet Padding (09 68 16 00-0002)		
09 68 16 00-0024	SY	0.156" Thick, 62 OZ/SY Flat Sponge Rubber Carpet Padding.....	12.83	3.02
		<i>For Up To 15, Add</i>	0.91	
		<i>For >15 To 33, Add</i>	0.46	
		<i>For >200 To 400, Deduct</i>	-0.17	
		<i>For >400 To 600, Deduct</i>	-0.25	
		<i>For >600 To 900, Deduct</i>	-0.48	
		<i>For >900 To 1,500, Deduct</i>	-0.72	
		<i>For >1,500 To 2,200, Deduct</i>	-1.05	
		<i>For >2,200 To 3,500, Deduct</i>	-1.38	
		<i>For >3,500, Deduct</i>	-1.70	
09 68 16 00-0025	SY	0.250" Thick, 68 OZ/SY Flat Sponge Rubber Carpet Padding.....	13.71	3.02
		<i>For Up To 15, Add</i>	0.91	
		<i>For >15 To 33, Add</i>	0.46	
		<i>For >200 To 400, Deduct</i>	-0.18	
		<i>For >400 To 600, Deduct</i>	-0.27	
		<i>For >600 To 900, Deduct</i>	-0.53	
		<i>For >900 To 1,500, Deduct</i>	-0.78	
		<i>For >1,500 To 2,200, Deduct</i>	-1.14	
		<i>For >2,200 To 3,500, Deduct</i>	-1.49	
		<i>For >3,500, Deduct</i>	-1.83	
09 68 16 00-0026	SY	0.250" Thick, 80 OZ/SY Flat Sponge Rubber Carpet Padding.....	14.36	3.02
		<i>For Up To 15, Add</i>	0.91	
		<i>For >15 To 33, Add</i>	0.46	
		<i>For >200 To 400, Deduct</i>	-0.20	
		<i>For >400 To 600, Deduct</i>	-0.29	
		<i>For >600 To 900, Deduct</i>	-0.56	
		<i>For >900 To 1,500, Deduct</i>	-0.82	
		<i>For >1,500 To 2,200, Deduct</i>	-1.21	
		<i>For >2,200 To 3,500, Deduct</i>	-1.57	
		<i>For >3,500, Deduct</i>	-1.93	
09 68 16 00-0027	SY	0.250" Thick, 100 OZ/SY Flat Sponge Rubber Carpet Padding.....	16.40	3.02
		<i>For Up To 15, Add</i>	0.91	
		<i>For >15 To 33, Add</i>	0.46	
		<i>For >200 To 400, Deduct</i>	-0.24	
		<i>For >400 To 600, Deduct</i>	-0.35	
		<i>For >600 To 900, Deduct</i>	-0.66	
		<i>For >900 To 1,500, Deduct</i>	-0.97	
		<i>For >1,500 To 2,200, Deduct</i>	-1.41	
		<i>For >2,200 To 3,500, Deduct</i>	-1.82	
		<i>For >3,500, Deduct</i>	-2.23	
09 68 16 00-0028	SY	0.370" Thick, 100 OZ/SY Flat Sponge Rubber Carpet Padding.....	16.57	3.02
		<i>For Up To 15, Add</i>	0.91	
		<i>For >15 To 33, Add</i>	0.46	
		<i>For >200 To 400, Deduct</i>	-0.24	
		<i>For >400 To 600, Deduct</i>	-0.36	
		<i>For >600 To 900, Deduct</i>	-0.67	
		<i>For >900 To 1,500, Deduct</i>	-0.98	
		<i>For >1,500 To 2,200, Deduct</i>	-1.43	
		<i>For >2,200 To 3,500, Deduct</i>	-1.84	
		<i>For >3,500, Deduct</i>	-2.26	
09 68 16 00-0029		Synthetic Fiber Carpet Padding (09 68 16 00-0002)		
09 68 16 00-0030	SY	0.235" Thick, 20 OZ/SY Synthetic Fiber Carpet Padding.....	6.28	3.02
		<i>For Up To 15, Add</i>	0.91	
		<i>For >15 To 33, Add</i>	0.46	
		<i>For >200 To 400, Deduct</i>	-0.03	
		<i>For >400 To 600, Deduct</i>	-0.05	
		<i>For >600 To 900, Deduct</i>	-0.15	
		<i>For >900 To 1,500, Deduct</i>	-0.26	
		<i>For >1,500 To 2,200, Deduct</i>	-0.40	
		<i>For >2,200 To 3,500, Deduct</i>	-0.56	
		<i>For >3,500, Deduct</i>	-0.71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0031	SY		0.235" Thick, 24 OZ/SY Synthetic Fiber Carpet Padding.....	7.62	3.02
			For Up To 15, Add	0.91	
			For >15 To 33, Add	0.46	
			For >200 To 400, Deduct	-0.06	
			For >400 To 600, Deduct	-0.09	
			For >600 To 900, Deduct	-0.22	
			For >900 To 1,500, Deduct	-0.35	
			For >1,500 To 2,200, Deduct	-0.53	
			For >2,200 To 3,500, Deduct	-0.72	
			For >3,500, Deduct	-0.91	
09 68 16 00-0032	SY		0.275" Thick, 28 OZ/SY Synthetic Fiber Carpet Padding.....	7.01	3.02
			For Up To 15, Add	0.91	
			For >15 To 33, Add	0.46	
			For >200 To 400, Deduct	-0.05	
			For >400 To 600, Deduct	-0.07	
			For >600 To 900, Deduct	-0.19	
			For >900 To 1,500, Deduct	-0.31	
			For >1,500 To 2,200, Deduct	-0.47	
			For >2,200 To 3,500, Deduct	-0.65	
			For >3,500, Deduct	-0.82	
09 68 16 00-0033	SY		0.300" Thick, 32 OZ/SY Synthetic Fiber Carpet Padding.....	7.24	3.02
			For Up To 15, Add	0.91	
			For >15 To 33, Add	0.46	
			For >200 To 400, Deduct	-0.05	
			For >400 To 600, Deduct	-0.08	
			For >600 To 900, Deduct	-0.20	
			For >900 To 1,500, Deduct	-0.32	
			For >1,500 To 2,200, Deduct	-0.50	
			For >2,200 To 3,500, Deduct	-0.68	
			For >3,500, Deduct	-0.86	
09 68 16 00-0034	SY		0.350" Thick, 40 OZ/SY Synthetic Fiber Carpet Padding.....	8.62	3.02
			For Up To 15, Add	0.91	
			For >15 To 33, Add	0.46	
			For >200 To 400, Deduct	-0.08	
			For >400 To 600, Deduct	-0.12	
			For >600 To 900, Deduct	-0.27	
			For >900 To 1,500, Deduct	-0.42	
			For >1,500 To 2,200, Deduct	-0.63	
			For >2,200 To 3,500, Deduct	-0.85	
			For >3,500, Deduct	-1.06	
09 68 16 00-0035			Double Stick Synthetic Fiber Carpet Padding (09 68 16 00-0002)		
09 68 16 00-0036	SY		0.300" Thick, 32 OZ/SY Double Stick Synthetic Fiber Carpet Padding	9.04	3.02
			For Up To 15, Add	0.91	
			For >15 To 33, Add	0.46	
			For >200 To 400, Deduct	-0.09	
			For >400 To 600, Deduct	-0.13	
			For >600 To 900, Deduct	-0.29	
			For >900 To 1,500, Deduct	-0.45	
			For >1,500 To 2,200, Deduct	-0.68	
			For >2,200 To 3,500, Deduct	-0.90	
			For >3,500, Deduct	-1.13	
09 68 16 00-0037	SY		0.375" Thick, 40 OZ/SY Double Stick Synthetic Fiber Carpet Padding	10.12	3.02
			For Up To 15, Add	0.91	
			For >15 To 33, Add	0.46	
			For >200 To 400, Deduct	-0.11	
			For >400 To 600, Deduct	-0.17	
			For >600 To 900, Deduct	-0.35	
			For >900 To 1,500, Deduct	-0.53	
			For >1,500 To 2,200, Deduct	-0.78	
			For >2,200 To 3,500, Deduct	-1.04	
			For >3,500, Deduct	-1.29	
09 68 16 00-0038			Indoor/Outdoor Carpet (09 68 16)		
			Note: Includes waterproof glue.		
09 68 16 00-0039	SY		Nylon Indoor/Outdoor Carpet.....	50.61	6.03
09 68 16 00-0040	SY		Ozite Indoor/Outdoor Carpet	41.17	6.03
09 68 16 00-0041			Commercial Broadloom Carpet (09 68 16)		
			Note: Level-loop pile or textured-loop pile broadloom carpet.		
09 68 16 00-0042			Non-Patterned Broadloom Carpet (09 68 16 00-0041)		
09 68 16 00-0043	SY		22 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet	52.34	29.59
			For Up To 15, Add	3.95	
			For >15 To 33, Add	1.97	
			For >200 To 400, Deduct	-0.65	
			For >400 To 600, Deduct	-0.98	
			For >600 To 900, Deduct	-1.93	
			For >900, Deduct	-2.87	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	

09 Finishes

09 60 Flooring

09 68 Carpeting

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 68 16 00-0044	SY	24 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet	52.34	29.59
		<i>For Up To 15, Add</i>	3.95	
		<i>For >15 To 33, Add</i>	1.97	
		<i>For >200 To 400, Deduct</i>	-0.65	
		<i>For >400 To 600, Deduct</i>	-0.98	
		<i>For >600 To 900, Deduct</i>	-1.93	
		<i>For >900, Deduct</i>	-2.87	
		<i>For Moisture Barrier Backing, Add</i>	3.50	
		<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0045	SY	26 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet	52.34	29.59
		<i>For Up To 15, Add</i>	3.95	
		<i>For >15 To 33, Add</i>	1.97	
		<i>For >200 To 400, Deduct</i>	-0.65	
		<i>For >400 To 600, Deduct</i>	-0.98	
		<i>For >600 To 900, Deduct</i>	-1.93	
		<i>For >900, Deduct</i>	-2.87	
		<i>For Moisture Barrier Backing, Add</i>	3.50	
		<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0046	SY	28 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet	56.73	32.06
		<i>For Up To 15, Add</i>	4.27	
		<i>For >15 To 33, Add</i>	2.14	
		<i>For >200 To 400, Deduct</i>	-0.71	
		<i>For >400 To 600, Deduct</i>	-1.06	
		<i>For >600 To 900, Deduct</i>	-2.09	
		<i>For >900, Deduct</i>	-3.12	
		<i>For Moisture Barrier Backing, Add</i>	3.50	
		<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0047	SY	30 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet	57.73	32.06
		<i>For Up To 15, Add</i>	4.27	
		<i>For >15 To 33, Add</i>	2.14	
		<i>For >200 To 400, Deduct</i>	-0.73	
		<i>For >400 To 600, Deduct</i>	-1.09	
		<i>For >600 To 900, Deduct</i>	-2.14	
		<i>For >900, Deduct</i>	-3.19	
		<i>For Cut Pile Carpet, Add</i>	1.50	
		<i>For Moisture Barrier Backing, Add</i>	3.50	
		<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0048	SY	32 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet	57.90	32.06
		<i>For Up To 15, Add</i>	4.27	
		<i>For >15 To 33, Add</i>	2.14	
		<i>For >200 To 400, Deduct</i>	-0.73	
		<i>For >400 To 600, Deduct</i>	-1.10	
		<i>For >600 To 900, Deduct</i>	-2.15	
		<i>For >900, Deduct</i>	-3.20	
		<i>For Cut Pile Carpet, Add</i>	1.50	
		<i>For Moisture Barrier Backing, Add</i>	3.50	
		<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0049	SY	34 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet	63.53	34.52
		<i>For Up To 15, Add</i>	4.60	
		<i>For >15 To 33, Add</i>	2.30	
		<i>For >200 To 400, Deduct</i>	-0.81	
		<i>For >400 To 600, Deduct</i>	-1.22	
		<i>For >600 To 900, Deduct</i>	-2.37	
		<i>For >900, Deduct</i>	-3.53	
		<i>For Cut Pile Carpet, Add</i>	1.50	
		<i>For Moisture Barrier Backing, Add</i>	3.50	
		<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0050	SY	36 Ounce, Heavy Traffic, Non Patterned, Nylon Broadloom Carpet	64.25	34.52
		<i>For Up To 15, Add</i>	4.60	
		<i>For >15 To 33, Add</i>	2.30	
		<i>For >200 To 400, Deduct</i>	-0.82	
		<i>For >400 To 600, Deduct</i>	-1.24	
		<i>For >600 To 900, Deduct</i>	-2.41	
		<i>For >900, Deduct</i>	-3.58	
		<i>For Cut Pile Carpet, Add</i>	1.50	
		<i>For Cut And Loop Pile Combination Or Tip Shear Carpet, Add</i>	2.00	
		<i>For Moisture Barrier Backing, Add</i>	3.50	
		<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0051	SY	38 Ounce, Heavy Traffic, Non Patterned, Nylon Broadloom Carpet	65.12	34.52
		<i>For Up To 15, Add</i>	4.60	
		<i>For >15 To 33, Add</i>	2.30	
		<i>For >200 To 400, Deduct</i>	-0.84	
		<i>For >400 To 600, Deduct</i>	-1.26	
		<i>For >600 To 900, Deduct</i>	-2.45	
		<i>For >900, Deduct</i>	-3.64	
		<i>For Cut Pile Carpet, Add</i>	1.50	
		<i>For Cut And Loop Pile Combination Or Tip Shear Carpet, Add</i>	2.00	
		<i>For Moisture Barrier Backing, Add</i>	3.50	
		<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0052		Patterned Broadloom Carpet <small>(09 68 16 00-0041)</small>		
		Note: Patterned carpet has a definitive repeating pattern as defined by the manufacturer.		
09 68 16 00-0053	SY	22 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	54.81	29.59
		<i>For Up To 15, Add</i>	4.34	
		<i>For >15 To 33, Add</i>	2.17	
		<i>For >200 To 400, Deduct</i>	-0.66	
		<i>For >400 To 600, Deduct</i>	-0.99	
		<i>For >600 To 900, Deduct</i>	-1.98	
		<i>For >900, Deduct</i>	-2.97	
		<i>For Moisture Barrier Backing, Add</i>	3.50	
		<i>For Installation On Stairs, Each Riser, Add</i>	6.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0054	SY		24 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	54.81	29.59
			For Up To 15, Add	4.34	
			For >15 To 33, Add	2.17	
			For >200 To 400, Deduct	-0.66	
			For >400 To 600, Deduct	-0.99	
			For >600 To 900, Deduct	-1.98	
			For >900, Deduct	-2.97	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0055	SY		26 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	54.81	29.59
			For Up To 15, Add	4.34	
			For >15 To 33, Add	2.17	
			For >200 To 400, Deduct	-0.66	
			For >400 To 600, Deduct	-0.99	
			For >600 To 900, Deduct	-1.98	
			For >900, Deduct	-2.97	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0056	SY		28 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	59.40	32.06
			For Up To 15, Add	4.70	
			For >15 To 33, Add	2.35	
			For >200 To 400, Deduct	-0.72	
			For >400 To 600, Deduct	-1.08	
			For >600 To 900, Deduct	-2.15	
			For >900, Deduct	-3.22	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0057	SY		30 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	60.41	32.06
			For Up To 15, Add	4.70	
			For >15 To 33, Add	2.35	
			For >200 To 400, Deduct	-0.74	
			For >400 To 600, Deduct	-1.11	
			For >600 To 900, Deduct	-2.20	
			For >900, Deduct	-3.29	
			For Cut Pile Carpet, Add	1.50	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0058	SY		32 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	60.59	32.06
			For Up To 15, Add	4.70	
			For >15 To 33, Add	2.35	
			For >200 To 400, Deduct	-0.74	
			For >400 To 600, Deduct	-1.11	
			For >600 To 900, Deduct	-2.21	
			For >900, Deduct	-3.30	
			For Cut Pile Carpet, Add	1.50	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0059	SY		34 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	66.43	34.52
			For Up To 15, Add	5.06	
			For >15 To 33, Add	2.53	
			For >200 To 400, Deduct	-0.82	
			For >400 To 600, Deduct	-1.23	
			For >600 To 900, Deduct	-2.44	
			For >900, Deduct	-3.64	
			For Cut Pile Carpet, Add	1.50	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0060	SY		36 Ounce, Heavy Traffic, Patterned, Nylon Broadloom Carpet.....	67.17	34.52
			For Up To 15, Add	5.06	
			For >15 To 33, Add	2.53	
			For >200 To 400, Deduct	-0.84	
			For >400 To 600, Deduct	-1.26	
			For >600 To 900, Deduct	-2.47	
			For >900, Deduct	-3.69	
			For Cut Pile Carpet, Add	1.50	
			For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0061	SY		38 Ounce, Heavy Traffic, Patterned, Nylon Broadloom Carpet.....	68.05	34.52
			For Up To 15, Add	5.06	
			For >15 To 33, Add	2.53	
			For >200 To 400, Deduct	-0.85	
			For >400 To 600, Deduct	-1.28	
			For >600 To 900, Deduct	-2.52	
			For >900, Deduct	-3.75	
			For Cut Pile Carpet, Add	1.50	
			For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0062	SY		32 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet (Karastan Studded).....	101.39	32.06
			For Up To 15, Add	4.70	
			For >15 To 33, Add	2.35	
			For >200 To 400, Deduct	-1.56	
			For >400 To 600, Deduct	-2.34	
			For >600 To 900, Deduct	-4.25	
			For >900, Deduct	-6.16	
			For Cut Pile Carpet, Add	1.50	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	

09	09 Finishes
	09 60 Flooring
	09 68 Carpeting



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

09 68 16 00-0063	Carpet Accessories <small>(09 68 16)</small>		
09 68 16 00-0064	LF Metal Carpet Saddle Strip, Up To 4" Wide.....	7.33	0.82
09 68 16 00-0065	Removal And Reinstallation Of Carpet And Pad <small>(09 68 16)</small>		
	Note: Includes storage, cleaning and supply materials.		
09 68 16 00-0066	SY Removal And Reinstallation Of Carpet And Pad.....	41.64	
09 68 16 00-0067	Carpeting Support Functions <small>(09 68 16)</small>		
09 68 16 00-0068	Relocate Partitions, Modular Work Stations <small>(09 68 16 00-0067)</small>		
	Note: Includes disassembly and reassembly of work station. Excludes electrical disconnection or reconnection.		
09 68 16 00-0069	EA Relocate Modular Work Station.....	287.68	
09 68 16 00-0070	Installation Of Owner Provided Broadloom Carpet <small>(09 68 16)</small>		
09 68 16 00-0071	SY Up To 24 Oz, Installation Of Owner Provided Broadloom Carpet.....	17.55	
	Note: Includes adhesive for glue-down or tack strip for padded installations.		
	For Up To 15, Add	3.43	
	For >15 To 33, Add	1.72	
09 68 16 00-0072	SY >24 To 34 Oz, Installation Of Owner Provided Broadloom Carpet.....	20.41	
	Note: Includes adhesive for glue-down or tack strip for padded installations.		
	For Up To 15, Add	4.00	
	For >15 To 33, Add	2.00	
09 68 16 00-0073	SY >34 Oz, Installation Of Owner Provided Broadloom Carpet.....	24.41	
	Note: Includes adhesive for glue-down or tack strip for padded installations.		
	For Up To 15, Add	4.80	
	For >15 To 33, Add	2.40	

09 69 Access Flooring (09 60)

09 69 13 Rigid-Grid Access Flooring (09 69)

09 69 13 00-0001 Panels, No Covering (09 69 13)

09 69 13 00-0002	SF 2' x 2' Panels - No Covering Access And Pedestal Floors.....	19.20	0.82
	For Carpet Covering, Add	2.77	
	For Vinyl Floor Covering, Add	1.91	
09 69 13 00-0003	SF 2' x 2' Perforated Panels Access And Pedestal Floors.....	36.79	0.82
	For Carpet Covering, Add	2.77	
	For Vinyl Floor Covering, Add	1.91	
09 69 13 00-0004	SF Tate 1250AS Panel Cover UTP Designer Plus Color Raf Blue 7153T.....	34.22	0.90
09 69 13 00-0005	SF Tate 1250AS Panel Cover UTP Designer Plus Color Sage Brown 7777T.....	34.22	0.90
09 69 13 00-0006	SF Tate 1250AS Panel Cover UTP Designer Plus Color Moodance 6808.....	34.22	0.90
09 69 13 00-0007	SF Tate 1250AS Panel Cover UTP Designer Plus Color Mosaic 6280.....	34.22	0.90
09 69 13 00-0008	SF Tate 1250AS Panel Cover HPL 1/8" Nevamar ST2-2 Beige Star/Brown Trim.....	32.32	0.90
09 69 13 00-0009	SF Tate 1250AS Panel Cover HPL 1/8" Nevamar ST6-1 Gray Star/Black Trim.....	32.32	0.90
09 69 13 00-0010	SF Tate Concore 1500 Panel Cover UTP Designer Plus Color Raf Blue 7153T.....	36.60	0.90
09 69 13 00-0011	SF Tate Concore 1500 Panel Cover UTP Designer Plus Color Sage Brown 7777T.....	36.60	0.90
09 69 13 00-0012	SF Tate Concore 1500 Panel Cover UTP Designer Plus Color Moodance 6808.....	36.60	0.90
09 69 13 00-0013	SF Tate Concore 1500 Panel Cover UTP Designer Plus Color Mosaic 6280.....	36.60	0.90
09 69 13 00-0014	SF Tate Concore 1500 Panel Cover HPL 1/8" Nevamar ST-2 Beige Star/Brown Trim.....	34.70	0.90
09 69 13 00-0015	SF Tate Concore 1500 Panel Cover HPL 1/8" Nevamar ST6-1 Grey Star/Black Trim.....	34.70	0.90
09 69 13 00-0016	SF Tate 1250AS Perforated 25% O/A Cover 1/8 " Nevamar HPL ST2-2 Beige Star Trim.....	44.16	0.90
09 69 13 00-0017	SF Tate 1250AS Perforated 25% O/A Cover 1/8 " Nevamar HPL ST6-1 Gray Star Trim.....	44.16	0.90

09 69 13 00-0018 Pedestals (09 69 13)

09 69 13 00-0019	EA 6" To 12" Finished Floor Height, Pedestal Assembly.....	38.48	4.11
09 69 13 00-0020	EA 8" To 12" Finished Floor Height, Pedestal Assembly.....	40.86	4.11
09 69 13 00-0021	EA 18" To 24" Finished Floor Height, Pedestal Assembly.....	42.05	4.11
09 69 13 00-0022	EA 30" To 36" Finished Floor Height, Pedestal Assembly.....	46.36	4.11

09 69 13 00-0023 Stringers (09 69 13)

09 69 13 00-0024	EA 2' Bolted Stringers, Access And Pedestal Floors.....	18.29	4.93
09 69 13 00-0025	EA 4' Bolted Stringers, Access And Pedestal Floors.....	32.67	7.40
09 69 13 00-0026	EA 6' Bolted Stringers, Access And Pedestal Floors.....	51.19	12.33

09 69 13 00-0027 Understructure (09 69 13)

09 69 13 00-0028	SF Standard Bolted Stringer Understructure 8" Or 12" Finished Floor Height.....	6.70	1.23
09 69 13 00-0029	SF Standard Bolted Stringer Understructure 18" Or 24" Finished Floor Height.....	7.27	1.23
09 69 13 00-0030	SF Standard Bolted Stringer Understructure 30" Or 36" Finished Floor Height.....	8.60	1.23

09 69 53 Access Flooring Accessories (09 69)

09 69 53 00-0001 Accessories (09 69 53)

09 69 53 00-0002	SF Accessories, Ramp Assembly Access And Pedestal Floors.....	42.24	3.29
09 69 53 00-0003	LF Accessories, Handrail Access And Pedestal Floors.....	68.02	5.75
09 69 53 00-0004	LF Accessories, Fascia Plate Access And Pedestal Floors.....	25.20	5.75
09 69 53 00-0005	EA Machine Cutouts.....	207.90	
09 69 53 00-0006	SF Tate Tamp, Cover Step Master Slip Retard- Tile, Buckskin Or Slate.....	71.49	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 69 53 00-0007	LF		Tate 2 Or 3 Riser Steps In Raised Floor System Note: Includes baffles, fascia plates trim and cover.	173.94	0.41
09 69 53 00-0008	LF		Tate Handrail	136.46	2.71
09 69 53 00-0009	SF		Hammered Aluminum Finish Fascia Note: Includes trim angles and hardware (8", 12", 18", 24").	48.01	2.71
09 69 53 00-0010	EA		7" x 17" Lexan Floor Mounted Grille Note: Includes carpet trim to flush mount.	219.42	10.28
09 69 53 00-0011	EA		Cut Hole In Raised Floor And Trim With Black 1/2" Trim Material	44.63	
09 69 53 00-0012	EA		Cut Round Hole In Raised Floor And Trim Carpet Install 4" Plastic Insert (Gromtec#GT003).....	44.63	
09 69 53 00-0013	EA		Rehab Panel (Any Brand, Weight) Carpet Cover Only - New UTP Carpet	66.02	1.65
09 69 53 00-0014	EA		Rehab Panel (Any Brand, Weight) Carpet Cover Only - New HPL	81.48	1.65
09 69 53 00-0015	EA		Rehab Panel (Any Brand, Weight) HPL Cover Only - With New HPL/WA Edge Trim	61.74	1.65
09 69 53 00-0016	EA		Rehab Panel (Any Brand, Weight) HPL Cover Only - With New HPL Top set Trim Edge	81.46	1.65
09 69 53 00-0017	EA		Flush Mounted Electrical Box (Including Cutting Hole Trim Carpet) P/N Telo-7018-4	216.56	10.28
09 69 53 00-0018	EA		Flush Mounted Telephone Box (Grey/Black/Communications) Note: Includes cut hole.	148.56	10.28
09 69 53 00-0019	EA		Flush Mounted Electrical Box (In Existing Hole) P/N Telo 7018-4	216.56	10.28
09 69 53 00-0020	EA		Flush Mounted Telephone Box (Grey/Black/Communications) (In Existing Hole) P/N Telo-7018-2	115.69	1.65
09 69 53 00-0021	EA		Removal And Reinstallation Of Flush Mounted Electrical, Telephone Or Communications Floor Box In Raised Floor	8.22	

09 69 53 00-0022 Final Cleaning For Computer Room Raised Floor System (09 69 53)
Note: Includes wipe dirt/dust from stringers and raised floor beneath raised floor. For new or existing systems.

09 69 53 00-0023	SF		Vacuum Raised Floor Carpet Panel, Wipe Dirt/Dust From Stringers And Floor Beneath Raised Floor.....	2.99	
09 69 53 00-0024	SF		Vacuum/Shampoo Raised Floor Carpet Panel, Wipe Dirt/Dust From Stringers And Floor Beneath.....	3.14	
09 69 53 00-0025	SF		Vacuum/Wet Mop Clean Raised Floor HPL Panel Wipe Dirt/Dust Stringers And Raised Floor.....	3.09	

09 70 Wall Finishes (09)

09 72 Wall Coverings (09 70)

09 72 13 Cork Wall Coverings (09 72)

09 72 13 00-0001 Cork Wall Covering (09 72 13)

09 72 13 00-0002	SF		1/8" Cork Wall Covering.....	5.31	0.98
09 72 13 00-0003	SF		1/4" Cork Wall Covering.....	6.33	0.98
09 72 13 00-0004	SF		1/2" Cork Wall Covering.....	7.14	0.98
09 72 13 00-0005	SF		3/4" Cork Wall Covering.....	9.52	0.98

09 72 16 Vinyl-Coated Fabric Wall Coverings (09 72)

09 72 16 13 Flexible Vinyl Wall Coverings (09 72 16)

09 72 16 13-0001 Vinyl Wall Coverings (09 72 16 13)

Note: Includes wall preparation adhesive, and sizing compound. Demolition includes the removal of wall covering and adhesive.

09 72 16 13-0002	SF		7-10 Oz/SY Vinyl Wall Covering <i>For Owner Furnished Material, Deduct</i>	3.64	0.98
				-2.11	
09 72 16 13-0003	SF		11-14 Oz/SY Vinyl Wall Covering <i>For Owner Furnished Material, Deduct</i>	4.71	0.98
				-3.08	
09 72 16 13-0004	SF		15-19 Oz/SY Vinyl Wall Covering <i>For Owner Furnished Material, Deduct</i>	5.49	0.98
				-3.86	
09 72 16 13-0005	SF		20 To 25 Ounces/SY Vinyl Wall Covering	6.50	0.98
			<i>For Owner Furnished Material, Deduct</i>	-4.45	
09 72 16 13-0006	SF		26-32 Oz/SY Vinyl Wall Covering	7.56	0.98
			<i>For Owner Furnished Material, Deduct</i>	-5.42	
09 72 16 13-0007	SF		33-38 Oz/SY Vinyl Wall Covering	9.09	0.98
			<i>For Owner Furnished Material, Deduct</i>	-6.85	

09 72 19 Textile Wall Coverings (09 72)

09 72 19 00-0001 Wall Fabrics (09 72 19)

09 72 19 00-0002	SF		Install Owner Furnished Wall Covering Fabrics, Non-Patterned Or Repeating Pattern	2.63	0.98
09 72 19 00-0003	SF		Install Owner Furnished Wall Covering Fabrics, Patterned	3.68	0.98

09 72 23 Wallpapering (09 72)

09 72 23 00-0001 Wallpaper Coverings (09 72 23)

Note: Includes wall preparation adhesive, and sizing compound. Demolition includes the removal of wall covering and adhesive.

09 72 23 00-0002	SF		Average Quality Wallpaper (Standard Grade)	2.43	1.30
09 72 23 00-0003	SF		High Quality Wallpaper (Designer Grade)	3.97	1.66
09 72 23 00-0004	SF		Textured Paintable Paper Installed On Ceiling	3.61	2.46

09 73 Wall Carpeting (09 70)

09 73 00 00-0001 Carpet Wall Covering (09 73)

09 73 00 00-0002	SY		28 Ounce, Nylon Carpet Wall Covering	55.47	32.86
09 73 00 00-0003	SY		32 Ounce, Nylon Carpet Wall Covering	56.65	32.86
09 73 00 00-0004	SY		34 Ounce, Nylon Carpet Wall Covering	61.43	35.39
09 73 00 00-0005	SY		35 Ounce, Nylon Carpet Wall Covering	65.01	35.39

09 Finishes**09 70 Wall Finishes****09 73 Wall Carpeting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 73 00 00-0006	SY	36 Ounce, Nylon Carpet Wall Covering	68.70	35.39
09 73 00 00-0007	SY	38 Ounce, Nylon Carpet Wall Covering	70.12	35.39
09 73 00 00-0008	SY	40 Ounce, Nylon Carpet Wall Covering	72.88	38.22
09 73 00 00-0009	SY	42 Ounce, Nylon Carpet Wall Covering	75.88	38.22

09 74 Flexible Wood Sheets (09 70)**09 74 16 Flexible Wood Veneers (09 74)****09 74 16 00-0001 Flexible Wood Veneer (09 74 16)**

09 74 16 00-0002	SF	1/32" Thick, Flexible Maple Wood Veneer	10.80	3.93
09 74 16 00-0003	SF	1/32" Thick, Flexible Oak Wood Veneer	10.98	3.93
09 74 16 00-0004	SF	1/32" Thick, Flexible Mahogany Wood Veneer	10.98	3.93
09 74 16 00-0005	SF	1/32" Thick, Flexible Birch Wood Veneer	11.17	3.93
09 74 16 00-0006	SF	1/32" Thick, Flexible Walnut Wood Veneer	12.09	3.93
09 74 16 00-0007	SF	1/32" Thick, Flexible Bamboo Wood Veneer	13.20	3.93
09 74 16 00-0008	SF	1/32" Thick, Flexible Fir Wood Veneer	14.50	3.93

09 74 16 00-0009 Flexible Exotic Wood Veneer (09 74 16)

09 74 16 00-0010	SF	1/32" Thick, Flexible Exotic Wood Veneer	17.71	3.93
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09 78 Interior Wall Paneling (09 70)**09 78 13 Metal Interior Wall Paneling (09 78)****09 78 13 00-0001 Stainless Steel Wall Base (09 78 13)**

Note: Grade CS304 with #4 satin polish

09 78 13 00-0002 22 Gauge Stainless Steel Wall Base (09 78 13 00-0001)

09 78 13 00-0003	LF	2" Height, 22 Gauge, Stainless Steel Straight Wall Base	11.71	2.62
09 78 13 00-0004	LF	4" Height, 22 Gauge, Stainless Steel Straight Wall Base	17.24	2.88
09 78 13 00-0005	LF	4-3/4" Height, 22 Gauge, Stainless Steel Straight Wall Base	19.19	2.88
09 78 13 00-0006	LF	6" Height, 22 Gauge, Stainless Steel Straight Wall Base	23.01	3.14
09 78 13 00-0007	LF	8" Height, 22 Gauge, Stainless Steel Straight Wall Base	28.78	3.49
09 78 13 00-0008	LF	2" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	13.15	2.62
09 78 13 00-0009	LF	4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	18.60	2.88
09 78 13 00-0010	LF	4-3/4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	20.53	2.88
09 78 13 00-0011	LF	6" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	24.18	3.14
09 78 13 00-0012	LF	8" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	29.97	3.49
09 78 13 00-0013	EA	2" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	32.16	5.23
09 78 13 00-0014	EA	4" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	40.71	5.76
09 78 13 00-0015	EA	4-3/4" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	43.62	5.76
09 78 13 00-0016	EA	6" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	49.33	6.28
09 78 13 00-0017	EA	8" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	58.32	6.99
09 78 13 00-0018	EA	2" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	65.53	5.23
09 78 13 00-0019	EA	4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	74.17	5.76
09 78 13 00-0020	EA	4-3/4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	76.99	5.76
09 78 13 00-0021	EA	6" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	82.80	6.28
09 78 13 00-0022	EA	8" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	91.79	6.99
09 78 13 00-0023	EA	2" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	32.16	5.23
09 78 13 00-0024	EA	4" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	40.71	5.76
09 78 13 00-0025	EA	4-3/4" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	43.62	5.76
09 78 13 00-0026	EA	6" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	49.33	6.28
09 78 13 00-0027	EA	8" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	58.32	6.99
09 78 13 00-0028	EA	2" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	78.96	5.23
09 78 13 00-0029	EA	4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	87.50	5.76
09 78 13 00-0030	EA	4-3/4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	90.42	5.76
09 78 13 00-0031	EA	6" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	96.13	6.28
09 78 13 00-0032	EA	8" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	105.12	6.99

09 78 13 00-0033 16 Gauge Stainless Steel Wall Base (09 78 13 00-0001)

09 78 13 00-0034	LF	2" Height, 16 Gauge, Stainless Steel Straight Wall Base	20.04	2.62
09 78 13 00-0035	LF	4" Height, 16 Gauge, Stainless Steel Straight Wall Base	33.97	2.88
09 78 13 00-0036	LF	4-3/4" Height, 16 Gauge, Stainless Steel Straight Wall Base	38.95	2.88
09 78 13 00-0037	LF	6" Height, 16 Gauge, Stainless Steel Straight Wall Base	47.84	3.14
09 78 13 00-0038	LF	8" Height, 16 Gauge, Stainless Steel Straight Wall Base	63.61	3.49
09 78 13 00-0039	LF	2" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	21.38	2.62
09 78 13 00-0040	LF	4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	35.28	2.88
09 78 13 00-0041	LF	4-3/4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	39.91	2.88
09 78 13 00-0042	LF	6" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	49.18	3.14
09 78 13 00-0043	LF	8" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	63.26	3.49
09 78 13 00-0044	EA	2" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	44.62	5.23
09 78 13 00-0045	EA	4" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	65.71	5.76
09 78 13 00-0046	EA	4-3/4" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	73.10	5.76
09 78 13 00-0047	EA	6" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	86.79	6.28
09 78 13 00-0048	EA	8" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	108.33	6.99
09 78 13 00-0049	EA	2" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	78.04	5.23
09 78 13 00-0050	EA	4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	99.13	5.76
09 78 13 00-0051	EA	4-3/4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	106.66	5.76
09 78 13 00-0052	EA	6" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	120.25	6.28
09 78 13 00-0053	EA	8" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	141.70	6.99
09 78 13 00-0054	EA	2" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	44.62	5.23

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 78 13 00-0055	EA		4" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	65.71	5.76
09 78 13 00-0056	EA		4-3/4" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	73.10	5.76
09 78 13 00-0057	EA		6" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	86.79	6.28
09 78 13 00-0058	EA		8" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	108.33	6.99
09 78 13 00-0059	EA		2" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	91.41	5.23
09 78 13 00-0060	EA		4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	112.50	5.76
09 78 13 00-0061	EA		4-3/4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	120.05	5.76
09 78 13 00-0062	EA		6" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	133.64	6.28
09 78 13 00-0063	EA		8" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	155.12	6.99

09 80 Acoustic Treatment (09)

09 81 Acoustic Insulation (09 80)

09 81 16 Acoustic Blanket Insulation (09 81)

09 81 16 00-0001 Sound Attenuation Fire Blankets (SAFB) (09 81 16)

Note: Mineral wool

09 81 16 00-0002 2.5 PCF Density, Sound Attenuation Fire Blankets (SAFB) (09 81 16 00-0001)

09 81 16 00-0003	SF		1-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.01	0.35
09 81 16 00-0004	SF		2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.16	0.35
09 81 16 00-0005	SF		2-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.38	0.35
09 81 16 00-0006	SF		3" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.55	0.35
09 81 16 00-0007	SF		3-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.77	0.35
09 81 16 00-0008	SF		4" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.98	0.35
09 81 16 00-0009	SF		5" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	3.26	0.35
09 81 16 00-0010	SF		6" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	3.58	0.35

09 81 16 00-0011 4 PCF Density, Sound Attenuation Fire Blankets (SAFB) (09 81 16 00-0001)

09 81 16 00-0012	SF		1" Thick, 4 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.96	0.35
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09 81 16 00-0013 Sound Attenuation Batts (09 81 16)

Note: NoiseReducer® by Certainteed, Quitezone® by Owens Corning, Sound-Shield® by Johns Mansville.

09 81 16 00-0014	SF		2-1/2" Thick, Unfaced Sound Attenuation Batt.....	1.25	0.46
09 81 16 00-0015	SF		3-1/2" Thick, Unfaced Sound Attenuation Batt.....	1.34	0.46
09 81 16 00-0016	SF		3-1/2" Thick, Kraft Faced Sound Attenuation Batt	1.40	0.46
09 81 16 00-0017	SF		5-1/2" Thick, Unfaced Sound Attenuation Batt.....	1.56	0.46
09 81 16 00-0018	SF		5-1/2" Thick, Kraft Faced Sound Attenuation Batt	1.61	0.46
09 81 16 00-0019	SF		6-1/4" Thick, Unfaced Sound Attenuation Batt.....	1.59	0.46
09 81 16 00-0020	SF		6-1/4" Thick, Kraft Faced Sound Attenuation Batt	1.65	0.46

09 84 Acoustic Room Components (09 80)

09 84 13 Fixed Sound-Absorptive Panels (09 84)

09 84 13 00-0001 Sound Absorbing Panels And Attenuation Blankets (09 84 13)

Note: No backs, 3" thick modular, ceiling or wall hung back. Excludes ceiling suspension systems and wall furring system. See CSI section 09 22 13 00-0000 for furring, 09 53 23 00-0000 for suspended ceiling support.

09 84 13 00-0002	SF		3" Thick Perforated Steel Sound Absorbing Panel Painted, No Back With Fiberglass Or Mineral Filler	11.56	2.32
09 84 13 00-0003	SF		1" Thick Fiberglass Sound Absorbing Panels With Glass Cloth Face For Walls	16.93	2.32

09 84 13 00-0004 Sound Absorbing Acoustical Wall Panel System (09 84 13)

See CSI section 06 11 16 00-0144 for wood furring.

09 84 13 00-0005 Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System

(Armstrong® Soundsoak®) (09 84 13 00-0004)

Note: Includes tackable surface, molding and mounting hardware for flush mount.

09 84 13 00-0006	SF		5/8" Panel Thickness, Vinyl Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Signature Vinyl)	14.34	2.62
09 84 13 00-0007	SF		3/4" Panel Thickness, Composed Fabric Surface (Non-Woven), Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Rhythms®)	13.27	2.62
09 84 13 00-0008	SF		3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 FR-701)	16.66	2.62
09 84 13 00-0009	SF		3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Lido™)	16.69	2.62
09 84 13 00-0010	SF		3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Spinel™)	18.41	2.62
09 84 13 00-0011	SF		3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Zirconia™)	18.41	2.62

09 84 13 00-0012 Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System

(Armstrong® Soundsoak®) (09 84 13 00-0004)

Note: Includes molding and mounting hardware for flush mount.

09 84 13 00-0013	SF		1" Panel Thickness, Composed Fabric Surface (Non-Woven), Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Rhythms®)	16.71	2.62
09 84 13 00-0014	SF		1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 FR-701)	19.51	2.62
09 84 13 00-0015	SF		1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Lido™)	19.51	2.62

09 Finishes

09 80 Acoustic Treatment

09 84 Acoustic Room Components

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 84 13 00-0016	SF 1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Spinel™).....	22.31	2.62
09 84 13 00-0017	SF 1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Zirconia™).....	22.31	2.62
09 84 13 00-0018	Sound Absorbing Panel, Eggcrate Style (09 84 13)		
	Note: Ceiling or wall hung back.		
09 84 13 00-0019	SF 2" Thick Polyurethane Sound Wave (Eggcrate Style).....	11.28	
	For Pyramid Style, Add	1.18	
09 84 13 00-0020	SF 3" Thick Polyurethane Sound Wave (Eggcrate Style).....	14.89	
	For Pyramid Style, Add	1.18	
09 84 13 00-0021	SF 4" Thick Polyurethane Sound Wave (Eggcrate Style).....	19.42	
	For Pyramid Style, Add	1.18	
09 84 13 00-0022	SF 2" Thick Melamine Sound Wave (Eggcrate Style).....	14.62	
	For Eggcrate Style With Hypalon Coating, Add	1.97	
	For Pyramid Style, Add	2.05	
	For Pyramid Style With Hypalon Coating, Add	4.02	
09 84 13 00-0023	SF 3" Thick Melamine Sound Wave (Eggcrate Style).....	27.59	
	For Eggcrate Style With Hypalon Coating, Add	1.97	
	For Pyramid Style, Add	0.42	
	For Pyramid Style With Hypalon Coating, Add	2.40	
09 84 13 00-0024	SF 4" Thick Melamine Sound Wave (Eggcrate Style).....	35.18	
	For Eggcrate Style With Hypalon Coating, Add	1.97	
	For Pyramid Style, Add	0.42	
	For Pyramid Style With Hypalon Coating, Add	2.40	
09 84 13 00-0025	Sound Deadening Fiberboard (09 84 13)		
09 84 13 00-0026	SF 1/2" Sound Deadening Fiberboard.....	1.55	0.58
	For Horizontal Installation Up To 10' High, Add	0.36	
	For Horizontal Installation >10' High, Add	0.53	
	For Walls >10' High, Add	0.08	
	For Up To 128, Add	0.52	
	For >128 To 320, Add	0.31	

09 90 Painting and Coating (09)

Note: Includes masking, safety signs, cleaning of area (dry wiping down walls, floors, doors, etc.), removal of loose paint (paint, caulk, etc.), feathering rough edges, sanding between coats, protective work to contain dust and paint splatters (drop cloths), unless otherwise noted, removal and reinstallation of cabinet hardware, switch covers and outlet plates, equipment to place paint and ladders. New construction work additionally includes filling knots, divots, depressions, holes (screw and nail holes in drywall to 1/4" diameter of unlimited quantity). All work designated as "brush/roller" includes brush work for cut and roller work up to cut in. See CSI section 01 56 16 00-0001 for temporary plastic sheeting to protect existing equipment or materials, 07 92 00 00-0000 for caulking where required, 09 01 20 00-0000 for severely damaged surface preparation in excess of items included above, hand scrape, pressure washing and chemical cleaning where required, 09 29 10 00-0037 for finishing existing wall surfaces or small holes not requiring patching in excess of items included above.

09 91 Painting (09 90)

Note: (Sherwin Williams)

09 91 13 Exterior Painting (09 91)

Note: Acrylic latex paint unless otherwise stated. Paint tasks covers all paint sheens: flat, eggshell, satin, semi-gloss, or gloss.

09 91 13 00-0001 Paint Exterior Walls/Siding (09 91 13)

09 91 13 00-0002 Paint Exterior Brick Walls (09 91 13 00-0001)

09 91 13 00-0003	LF 1 Coat Paint, Cut-in Brush Work, Paint Exterior Brick Walls.....	0.25	
	For Oil Based Paint, Add	0.01	
	For Work >15' To 20' Above Floor, Add	0.03	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.05	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.08	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.12	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.16	
	For >100 To 250, Add	0.08	
	For >250 To 500, Add	0.03	
	For >2,500 To 5,000, Deduct	-0.01	
	For >5,000 To 10,000, Deduct	-0.03	
	For >10,000 To 20,000, Deduct	-0.04	
	For >20,000, Deduct	-0.05	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 13 00-0004	SF			1 Coat Filler, Brush Work, Paint Exterior Brick Walls.....	1.08	
				For Oil Based Paint, Add	0.06	
				For Work >15' To 20' Above Floor, Add	0.13	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.22	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.35	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.48	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.68	
				For >100 To 250, Add	0.33	
				For >250 To 500, Add	0.14	
				For >2,500 To 5,000, Deduct	-0.05	
				For >5,000 To 10,000, Deduct	-0.11	
				For >10,000 To 20,000, Deduct	-0.16	
				For >20,000, Deduct	-0.22	
09 91 13 00-0005	SF			1 Coat Paint, Brush Work, Paint Exterior Brick Walls	1.54	
				For Oil Based Paint, Add	0.09	
				For Work >15' To 20' Above Floor, Add	0.20	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.33	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.52	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.72	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	1.01	
				For >100 To 250, Add	0.48	
				For >250 To 500, Add	0.21	
				For >2,500 To 5,000, Deduct	-0.08	
				For >5,000 To 10,000, Deduct	-0.15	
				For >10,000 To 20,000, Deduct	-0.23	
				For >20,000, Deduct	-0.31	
09 91 13 00-0006	SF			2 Coats Paint, Brush Work, Paint Exterior Brick Walls	2.22	
				For Oil Based Paint, Add	0.14	
				For Work >15' To 20' Above Floor, Add	0.26	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.44	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.70	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.96	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	1.38	
				For >100 To 250, Add	0.66	
				For >250 To 500, Add	0.29	
				For >2,500 To 5,000, Deduct	-0.11	
				For >5,000 To 10,000, Deduct	-0.22	
				For >10,000 To 20,000, Deduct	-0.33	
				For >20,000, Deduct	-0.44	
09 91 13 00-0007	SF			1 Coat Filler, Brush/Roller Work, Paint Exterior Brick Walls	0.73	
				For Oil Based Paint, Add	0.05	
				For Work >15' To 20' Above Floor, Add	0.08	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.13	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.21	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.29	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.42	
				For >100 To 250, Add	0.20	
				For >250 To 500, Add	0.09	
				For >2,500 To 5,000, Deduct	-0.04	
				For >5,000 To 10,000, Deduct	-0.07	
				For >10,000 To 20,000, Deduct	-0.11	
				For >20,000, Deduct	-0.15	
09 91 13 00-0008	SF			1 Coat Paint, Brush/Roller Work, Paint Exterior Brick Walls	1.19	
				For Oil Based Paint, Add	0.08	
				For Work >15' To 20' Above Floor, Add	0.13	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.22	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.35	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.48	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.71	
				For >100 To 250, Add	0.34	
				For >250 To 500, Add	0.15	
				For >2,500 To 5,000, Deduct	-0.06	
				For >5,000 To 10,000, Deduct	-0.12	
				For >10,000 To 20,000, Deduct	-0.18	
				For >20,000, Deduct	-0.24	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0009	SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Brick Walls	1.77	
	For Oil Based Paint, Add	0.12	
	For Work >15' To 20' Above Floor, Add	0.18	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.31	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.49	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.67	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.00	
	For >100 To 250, Add	0.48	
	For >250 To 500, Add	0.21	
	For >2,500 To 5,000, Deduct	-0.09	
	For >5,000 To 10,000, Deduct	-0.18	
	For >10,000 To 20,000, Deduct	-0.27	
	For >20,000, Deduct	-0.35	
09 91 13 00-0010	SF 1 Coat Filler, Sprayed, Paint Exterior Brick Walls	0.66	
	For Oil Based Paint, Add	0.05	
	For Work >15' To 20' Above Floor, Add	0.06	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.11	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.17	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.23	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.35	
	For >100 To 250, Add	0.17	
	For >250 To 500, Add	0.08	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.07	
	For >10,000 To 20,000, Deduct	-0.10	
	For >20,000, Deduct	-0.13	
09 91 13 00-0011	SF 1 Coat Paint, Sprayed, Paint Exterior Brick Walls.....	0.66	
	For Oil Based Paint, Add	0.05	
	For Work >15' To 20' Above Floor, Add	0.05	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.08	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.13	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.18	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.29	
	For >100 To 250, Add	0.15	
	For >250 To 500, Add	0.07	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.07	
	For >10,000 To 20,000, Deduct	-0.10	
	For >20,000, Deduct	-0.13	
09 91 13 00-0012	SF 2 Coats Paint, Sprayed, Paint Exterior Brick Walls.....	1.41	
	For Oil Based Paint, Add	0.10	
	For Work >15' To 20' Above Floor, Add	0.12	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.21	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.33	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.46	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.71	
	For >100 To 250, Add	0.35	
	For >250 To 500, Add	0.15	
	For >2,500 To 5,000, Deduct	-0.07	
	For >5,000 To 10,000, Deduct	-0.14	
	For >10,000 To 20,000, Deduct	-0.21	
	For >20,000, Deduct	-0.28	
09 91 13 00-0013	Paint Exterior Concrete Walls (09 91 13 00-0001)		
09 91 13 00-0014	LF 1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Walls	0.16	
	For Oil Based Paint, Add	0.01	
	For Epoxy Paint, Add	0.01	
	For Work >15' To 20' Above Floor, Add	0.02	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.04	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.06	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.08	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.11	
	For >100 To 250, Add	0.05	
	For >250 To 500, Add	0.02	
	For >2,500 To 5,000, Deduct	-0.01	
	For >5,000 To 10,000, Deduct	-0.02	
	For >10,000 To 20,000, Deduct	-0.02	
	For >20,000, Deduct	-0.03	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0015	SF	1	Coat Filler, Brush Work, Paint Exterior Concrete Walls .....0.91		
			For Oil Based Paint, Add	0.05	
			For Epoxy Paint, Add	0.10	
			For Work >15' To 20' Above Floor, Add	0.11	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.19	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.30	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.41	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.58	
			For >100 To 250, Add	0.28	
			For >250 To 500, Add	0.12	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 20,000, Deduct	-0.14	
			For >20,000, Deduct	-0.18	
09 91 13 00-0016	SF	1	Coat Filler, Brush Work, Paint Exterior Concrete Walls .....0.99		
			For Oil Based Paint, Add	0.06	
			For Epoxy Paint, Add	0.09	
			For Work >15' To 20' Above Floor, Add	0.13	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.21	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.34	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.47	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.66	
			For >100 To 250, Add	0.31	
			For >250 To 500, Add	0.13	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.10	
			For >10,000 To 20,000, Deduct	-0.15	
			For >20,000, Deduct	-0.20	
09 91 13 00-0017	SF	2	Coats Paint, Brush Work, Paint Exterior Concrete Walls .....1.86		
			For Oil Based Paint, Add	0.11	
			For Epoxy Paint, Add	0.17	
			For Work >15' To 20' Above Floor, Add	0.24	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.40	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.64	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.87	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.23	
			For >100 To 250, Add	0.58	
			For >250 To 500, Add	0.25	
			For >2,500 To 5,000, Deduct	-0.09	
			For >5,000 To 10,000, Deduct	-0.19	
			For >10,000 To 20,000, Deduct	-0.28	
			For >20,000, Deduct	-0.37	
09 91 13 00-0018	SF	1	Coat Filler, Brush/Roller Work, Paint Exterior Concrete Walls .....0.74		
			For Oil Based Paint, Add	0.05	
			For Epoxy Paint, Add	0.09	
			For Work >15' To 20' Above Floor, Add	0.09	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.14	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.23	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.31	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.45	
			For >100 To 250, Add	0.22	
			For >250 To 500, Add	0.09	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.07	
			For >10,000 To 20,000, Deduct	-0.11	
			For >20,000, Deduct	-0.15	
09 91 13 00-0019	SF	1	Coat Paint, Brush/Roller Work, Paint Exterior Concrete Walls .....0.84		
			For Oil Based Paint, Add	0.05	
			For Epoxy Paint, Add	0.08	
			For Work >15' To 20' Above Floor, Add	0.11	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.18	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.28	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.39	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.55	
			For >100 To 250, Add	0.26	
			For >250 To 500, Add	0.11	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.08	
			For >10,000 To 20,000, Deduct	-0.13	
			For >20,000, Deduct	-0.17	

09 Finishes
09 90 Painting and Coating
09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0020	SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Walls.....	1.40	
	For Oil Based Paint, Add	0.08	
	For Epoxy Paint, Add	0.15	
	For Work >15' To 20' Above Floor, Add	0.17	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.28	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.45	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.62	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.89	
	For >100 To 250, Add	0.42	
	For >250 To 500, Add	0.18	
	For >2,500 To 5,000, Deduct	-0.07	
	For >5,000 To 10,000, Deduct	-0.14	
	For >10,000 To 20,000, Deduct	-0.21	
	For >20,000, Deduct	-0.28	
09 91 13 00-0021	SF 1 Coat Filler, Sprayed, Paint Exterior Concrete Walls	0.59	
	For Oil Based Paint, Add	0.04	
	For Epoxy Paint, Add	0.09	
	For Work >15' To 20' Above Floor, Add	0.06	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.10	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.15	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.21	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.32	
	For >100 To 250, Add	0.15	
	For >250 To 500, Add	0.07	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.06	
	For >10,000 To 20,000, Deduct	-0.09	
	For >20,000, Deduct	-0.12	
09 91 13 00-0022	SF 1 Coat Paint, Sprayed, Paint Exterior Concrete Walls	0.54	
	For Oil Based Paint, Add	0.04	
	For Epoxy Paint, Add	0.08	
	For Work >15' To 20' Above Floor, Add	0.06	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.09	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.15	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.20	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.30	
	For >100 To 250, Add	0.15	
	For >250 To 500, Add	0.06	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.05	
	For >10,000 To 20,000, Deduct	-0.08	
	For >20,000, Deduct	-0.11	
09 91 13 00-0023	SF 2 Coats Paint, Sprayed, Paint Exterior Concrete Walls	0.94	
	For Oil Based Paint, Add	0.06	
	For Epoxy Paint, Add	0.15	
	For Work >15' To 20' Above Floor, Add	0.09	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.15	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.24	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.33	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.50	
	For >100 To 250, Add	0.24	
	For >250 To 500, Add	0.11	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.14	
	For >20,000, Deduct	-0.19	

09 91 13 00-0024 Paint Exterior Concrete Block Walls (09 91 13 00-0001)
 09 91 13 00-0025 Paint Exterior Concrete Block Walls, Epoxy Paint (09 91 13 00-0024)

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 13 00-0026	LF	1		Coat Epoxy Paint, Cut-in Brush Work, Paint Exterior Concrete Block Walls	0.23	
				For Work >15' To 20' Above Floor, Add	0.03	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.05	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.07	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.10	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.14	
				For >100 To 250, Add	0.07	
				For >250 To 500, Add	0.03	
				For >2,500 To 5,000, Deduct	-0.01	
				For >5,000 To 10,000, Deduct	-0.02	
				For >10,000 To 20,000, Deduct	-0.03	
				For >20,000, Deduct	-0.05	
09 91 13 00-0027	SF	1		Coat Epoxy Filler, Brush Work, Paint Exterior Concrete Block Walls	1.27	
				For Work >15' To 20' Above Floor, Add	0.14	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.24	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.38	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.53	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.77	
				For >100 To 250, Add	0.37	
				For >250 To 500, Add	0.16	
				For >2,500 To 5,000, Deduct	-0.06	
				For >5,000 To 10,000, Deduct	-0.13	
				For >10,000 To 20,000, Deduct	-0.19	
				For >20,000, Deduct	-0.25	
09 91 13 00-0028	SF	1		Coat Epoxy Paint, Brush Work, Paint Exterior Concrete Block Walls	1.46	
				For Work >15' To 20' Above Floor, Add	0.17	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.29	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.46	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.63	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.91	
				For >100 To 250, Add	0.43	
				For >250 To 500, Add	0.19	
				For >2,500 To 5,000, Deduct	-0.07	
				For >5,000 To 10,000, Deduct	-0.15	
				For >10,000 To 20,000, Deduct	-0.22	
				For >20,000, Deduct	-0.29	
09 91 13 00-0029	SF	2		Coats Epoxy Paint, Brush Work, Paint Exterior Concrete Block Walls	2.56	
				For Work >15' To 20' Above Floor, Add	0.29	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.49	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.78	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	1.07	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	1.55	
				For >100 To 250, Add	0.74	
				For >250 To 500, Add	0.32	
				For >2,500 To 5,000, Deduct	-0.13	
				For >5,000 To 10,000, Deduct	-0.26	
				For >10,000 To 20,000, Deduct	-0.38	
				For >20,000, Deduct	-0.51	
09 91 13 00-0030	SF	1		Coat Epoxy Filler, Brush/Roller Work, Paint Exterior Concrete Block Walls	1.05	
				For Work >15' To 20' Above Floor, Add	0.11	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.19	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.30	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.41	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.60	
				For >100 To 250, Add	0.29	
				For >250 To 500, Add	0.13	
				For >2,500 To 5,000, Deduct	-0.05	
				For >5,000 To 10,000, Deduct	-0.11	
				For >10,000 To 20,000, Deduct	-0.16	
				For >20,000, Deduct	-0.21	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0031	SF 1 Coat Epoxy Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls.....	1.16	
	For Work >15' To 20' Above Floor, Add	0.13	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.21	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.34	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.47	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.68	
	For >100 To 250, Add	0.33	
	For >250 To 500, Add	0.14	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.12	
	For >10,000 To 20,000, Deduct	-0.17	
	For >20,000, Deduct	-0.23	
09 91 13 00-0032	SF 2 Coats Epoxy Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls.....	2.06	
	For Work >15' To 20' Above Floor, Add	0.22	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.36	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.58	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.79	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.17	
	For >100 To 250, Add	0.57	
	For >250 To 500, Add	0.25	
	For >2,500 To 5,000, Deduct	-0.10	
	For >5,000 To 10,000, Deduct	-0.21	
	For >10,000 To 20,000, Deduct	-0.31	
	For >20,000, Deduct	-0.41	
09 91 13 00-0033	SF 1 Coat Epoxy Filler, Sprayed, Paint Exterior Concrete Block Walls.....	0.79	
	For Work >15' To 20' Above Floor, Add	0.06	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.10	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.16	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.23	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.36	
	For >100 To 250, Add	0.18	
	For >250 To 500, Add	0.08	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.12	
	For >20,000, Deduct	-0.16	
09 91 13 00-0034	SF 1 Coat Epoxy Paint, Sprayed, Paint Exterior Concrete Block Walls.....	0.87	
	For Work >15' To 20' Above Floor, Add	0.07	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.12	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.20	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.27	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.42	
	For >100 To 250, Add	0.21	
	For >250 To 500, Add	0.09	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.13	
	For >20,000, Deduct	-0.17	
09 91 13 00-0035	SF 2 Coats Epoxy Paint, Sprayed, Paint Exterior Concrete Block Walls.....	1.68	
	For Work >15' To 20' Above Floor, Add	0.13	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.22	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.36	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.49	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.79	
	For >100 To 250, Add	0.39	
	For >250 To 500, Add	0.17	
	For >2,500 To 5,000, Deduct	-0.08	
	For >5,000 To 10,000, Deduct	-0.17	
	For >10,000 To 20,000, Deduct	-0.25	
	For >20,000, Deduct	-0.34	

09 91 13 00-0036 Paint Exterior Concrete Block Walls, Acrylic Latex Paint (09 91 13 00-0024)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	13 00-0037	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Block Walls	0.23	
			For Oil Based Paint, Add	0.01	
			For Work >15' To 20' Above Floor, Add	0.03	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.05	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.07	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.10	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.14	
			For >100 To 250, Add	0.07	
			For >250 To 500, Add	0.03	
			For >2,500 To 5,000, Deduct	-0.01	
			For >5,000 To 10,000, Deduct	-0.02	
			For >10,000 To 20,000, Deduct	-0.03	
			For >20,000, Deduct	-0.05	
09 91	13 00-0038	SF	1 Coat Filler, Brush Work, Paint Exterior Concrete Block Walls	1.18	
			For Oil Based Paint, Add	0.07	
			For Work >15' To 20' Above Floor, Add	0.15	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.24	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.39	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.53	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.76	
			For >100 To 250, Add	0.36	
			For >250 To 500, Add	0.16	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.12	
			For >10,000 To 20,000, Deduct	-0.18	
			For >20,000, Deduct	-0.24	
09 91	13 00-0039	SF	1 Coat Paint, Brush Work, Paint Exterior Concrete Block Walls	1.38	
			For Oil Based Paint, Add	0.08	
			For Work >15' To 20' Above Floor, Add	0.17	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.28	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.44	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.61	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.87	
			For >100 To 250, Add	0.42	
			For >250 To 500, Add	0.18	
			For >2,500 To 5,000, Deduct	-0.07	
			For >5,000 To 10,000, Deduct	-0.14	
			For >10,000 To 20,000, Deduct	-0.21	
			For >20,000, Deduct	-0.28	
09 91	13 00-0040	SF	2 Coats Paint, Brush Work, Paint Exterior Concrete Block Walls	2.54	
			For Oil Based Paint, Add	0.15	
			For Work >15' To 20' Above Floor, Add	0.30	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.50	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.80	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	1.09	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.58	
			For >100 To 250, Add	0.75	
			For >250 To 500, Add	0.33	
			For >2,500 To 5,000, Deduct	-0.13	
			For >5,000 To 10,000, Deduct	-0.25	
			For >10,000 To 20,000, Deduct	-0.38	
			For >20,000, Deduct	-0.51	
09 91	13 00-0041	SF	1 Coat Texture Paint, Brush Work, Paint Exterior Concrete Block Walls	1.55	
			For Oil Based Paint, Add	0.09	
			For Work >15' To 20' Above Floor, Add	0.19	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.31	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.50	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.68	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.98	
			For >100 To 250, Add	0.47	
			For >250 To 500, Add	0.20	
			For >2,500 To 5,000, Deduct	-0.08	
			For >5,000 To 10,000, Deduct	-0.16	
			For >10,000 To 20,000, Deduct	-0.23	
			For >20,000, Deduct	-0.31	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 91 13 00-0042	SF	1 Coat Filler, Brush/Roller Work, Paint Exterior Concrete Block Walls	0.93	
		For Oil Based Paint, Add	0.06	
		For Work >15' To 20' Above Floor, Add	0.11	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.18	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.29	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.40	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.57	
		For >100 To 250, Add	0.27	
		For >250 To 500, Add	0.12	
		For >2,500 To 5,000, Deduct	-0.05	
		For >5,000 To 10,000, Deduct	-0.09	
		For >10,000 To 20,000, Deduct	-0.14	
		For >20,000, Deduct	-0.19	
09 91 13 00-0043	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls.....	1.18	
		For Oil Based Paint, Add	0.07	
		For Work >15' To 20' Above Floor, Add	0.14	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.23	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.36	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.50	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.72	
		For >100 To 250, Add	0.35	
		For >250 To 500, Add	0.15	
		For >2,500 To 5,000, Deduct	-0.06	
		For >5,000 To 10,000, Deduct	-0.12	
		For >10,000 To 20,000, Deduct	-0.18	
		For >20,000, Deduct	-0.24	
09 91 13 00-0044	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls.....	2.03	
		For Oil Based Paint, Add	0.13	
		For Work >15' To 20' Above Floor, Add	0.22	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.37	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.59	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.81	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	1.19	
		For >100 To 250, Add	0.57	
		For >250 To 500, Add	0.25	
		For >2,500 To 5,000, Deduct	-0.10	
		For >5,000 To 10,000, Deduct	-0.20	
		For >10,000 To 20,000, Deduct	-0.30	
		For >20,000, Deduct	-0.41	
09 91 13 00-0045	SF	1 Coat Texture Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls.....	1.32	
		For Oil Based Paint, Add	0.08	
		For Work >15' To 20' Above Floor, Add	0.15	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.25	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.40	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.56	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.80	
		For >100 To 250, Add	0.38	
		For >250 To 500, Add	0.17	
		For >2,500 To 5,000, Deduct	-0.07	
		For >5,000 To 10,000, Deduct	-0.13	
		For >10,000 To 20,000, Deduct	-0.20	
		For >20,000, Deduct	-0.26	
09 91 13 00-0046	SF	1 Coat Filler, Sprayed, Paint Exterior Concrete Block Walls.....	0.81	
		For Oil Based Paint, Add	0.05	
		For Work >15' To 20' Above Floor, Add	0.08	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.14	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.22	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.30	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.45	
		For >100 To 250, Add	0.22	
		For >250 To 500, Add	0.09	
		For >2,500 To 5,000, Deduct	-0.04	
		For >5,000 To 10,000, Deduct	-0.08	
		For >10,000 To 20,000, Deduct	-0.12	
		For >20,000, Deduct	-0.16	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 13 00-0047	SF	1	Coat Paint, Sprayed, Paint Exterior Concrete Block Walls	0.86	
			<i>For Oil Based Paint, Add</i>	0.06	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.08	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.13	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.21	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.29	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.44	
			<i>For >100 To 250, Add</i>	0.22	
			<i>For >250 To 500, Add</i>	0.10	
			<i>For >2,500 To 5,000, Deduct</i>	-0.04	
			<i>For >5,000 To 10,000, Deduct</i>	-0.09	
			<i>For >10,000 To 20,000, Deduct</i>	-0.13	
			<i>For >20,000, Deduct</i>	-0.17	
09 91 13 00-0048	SF	2	Coats Paint, Sprayed, Paint Exterior Concrete Block Walls	1.34	
			<i>For Oil Based Paint, Add</i>	0.09	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.14	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.23	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.37	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.51	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.76	
			<i>For >100 To 250, Add</i>	0.37	
			<i>For >250 To 500, Add</i>	0.16	
			<i>For >2,500 To 5,000, Deduct</i>	-0.07	
			<i>For >5,000 To 10,000, Deduct</i>	-0.13	
			<i>For >10,000 To 20,000, Deduct</i>	-0.20	
			<i>For >20,000, Deduct</i>	-0.27	
09 91 13 00-0049	SF	1	Coat Texture Paint, Sprayed, Paint Exterior Concrete Block Walls	1.12	
			<i>For Oil Based Paint, Add</i>	0.08	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.11	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.18	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.28	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.39	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.59	
			<i>For >100 To 250, Add</i>	0.29	
			<i>For >250 To 500, Add</i>	0.13	
			<i>For >2,500 To 5,000, Deduct</i>	-0.06	
			<i>For >5,000 To 10,000, Deduct</i>	-0.11	
			<i>For >10,000 To 20,000, Deduct</i>	-0.17	
			<i>For >20,000, Deduct</i>	-0.22	

09 91 13 00-0050 Paint Exterior Drywall/Plaster Walls (09 91 13 00-0001)

09 91 13 00-0051	LF	1	Coat Paint, Cut-in Brush Work, Paint Exterior Drywall/Plaster Walls	0.17	
			<i>For Oil Based Paint, Add</i>	0.01	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.02	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.04	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.06	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.08	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.12	
			<i>For >100 To 250, Add</i>	0.05	
			<i>For >250 To 500, Add</i>	0.02	
			<i>For >2,500 To 5,000, Deduct</i>	-0.01	
			<i>For >5,000 To 10,000, Deduct</i>	-0.02	
			<i>For >10,000 To 20,000, Deduct</i>	-0.03	
			<i>For >20,000, Deduct</i>	-0.03	
			<i>For Epoxy Paint, Add</i>	0.01	
09 91 13 00-0052	SF	1	Coat Primer, Brush Work, Paint Exterior Drywall/Plaster Wall	0.94	
			<i>For Oil Based Paint, Add</i>	0.06	
			<i>For Orange Peel Finish, Add</i>	0.13	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.12	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.19	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.31	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.42	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.60	
			<i>For >100 To 250, Add</i>	0.29	
			<i>For >250 To 500, Add</i>	0.12	
			<i>For >2,500 To 5,000, Deduct</i>	-0.05	
			<i>For >5,000 To 10,000, Deduct</i>	-0.09	
			<i>For >10,000 To 20,000, Deduct</i>	-0.14	
			<i>For >20,000, Deduct</i>	-0.19	
			<i>For Epoxy Paint, Add</i>	0.10	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0053	SF 1 Coat Paint, Brush Work, Paint Exterior Drywall/Plaster Walls	1.02	
	For Oil Based Paint, Add	0.06	
	For Orange Peel Finish, Add	0.14	
	For Work >15' To 20' Above Floor, Add	0.13	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.22	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.35	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.48	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.68	
	For >100 To 250, Add	0.32	
	For >250 To 500, Add	0.14	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.10	
	For >10,000 To 20,000, Deduct	-0.15	
	For >20,000, Deduct	-0.20	
	For Epoxy Paint, Add	0.09	
09 91 13 00-0054	SF 2 Coats Paint, Brush Work, Paint Exterior Drywall/Plaster Walls.....	1.87	
	For Oil Based Paint, Add	0.11	
	For Orange Peel Finish, Add	0.26	
	For Work >15' To 20' Above Floor, Add	0.24	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.40	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.64	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.88	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.24	
	For >100 To 250, Add	0.59	
	For >250 To 500, Add	0.25	
	For >2,500 To 5,000, Deduct	-0.09	
	For >5,000 To 10,000, Deduct	-0.19	
	For >10,000 To 20,000, Deduct	-0.28	
	For >20,000, Deduct	-0.37	
	For Epoxy Paint, Add	0.17	
09 91 13 00-0055	SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Drywall/Plaster Walls.....	0.74	
	For Oil Based Paint, Add	0.05	
	For Orange Peel Finish, Add	0.10	
	For Work >15' To 20' Above Floor, Add	0.09	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.14	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.23	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.31	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.45	
	For >100 To 250, Add	0.22	
	For >250 To 500, Add	0.09	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.07	
	For >10,000 To 20,000, Deduct	-0.11	
	For >20,000, Deduct	-0.15	
	For Epoxy Paint, Add	0.09	
09 91 13 00-0056	SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Walls	0.75	
	For Oil Based Paint, Add	0.04	
	For Orange Peel Finish, Add	0.10	
	For Work >15' To 20' Above Floor, Add	0.09	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.15	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.24	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.34	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.48	
	For >100 To 250, Add	0.23	
	For >250 To 500, Add	0.10	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.11	
	For >20,000, Deduct	-0.15	
	For Epoxy Paint, Add	0.08	

MINOR	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 13 00-0057	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Walls	1.37	
		For Oil Based Paint, Add	0.08	
		For Orange Peel Finish, Add	0.19	
		For Work >15' To 20' Above Floor, Add	0.17	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.28	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.44	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.61	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.87	
		For >100 To 250, Add	0.41	
		For >250 To 500, Add	0.18	
		For >2,500 To 5,000, Deduct	-0.07	
		For >5,000 To 10,000, Deduct	-0.14	
		For >10,000 To 20,000, Deduct	-0.21	
		For >20,000, Deduct	-0.27	
		For Epoxy Paint, Add	0.15	
09 91 13 00-0058	SF	1 Coat Primer, Sprayed, Paint Exterior Drywall/Plaster Walls	0.59	
		For Oil Based Paint, Add	0.04	
		For Work >15' To 20' Above Floor, Add	0.06	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.10	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.15	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.21	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.32	
		For >100 To 250, Add	0.15	
		For >250 To 500, Add	0.07	
		For >2,500 To 5,000, Deduct	-0.03	
		For >5,000 To 10,000, Deduct	-0.06	
		For >10,000 To 20,000, Deduct	-0.09	
		For >20,000, Deduct	-0.12	
		For Epoxy Paint, Add	0.09	
09 91 13 00-0059	SF	1 Coat Paint, Sprayed, Paint Exterior Drywall/Plaster Walls.....	0.63	
		For Oil Based Paint, Add	0.04	
		For Work >15' To 20' Above Floor, Add	0.07	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.12	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.18	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.25	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.37	
		For >100 To 250, Add	0.18	
		For >250 To 500, Add	0.08	
		For >2,500 To 5,000, Deduct	-0.03	
		For >5,000 To 10,000, Deduct	-0.06	
		For >10,000 To 20,000, Deduct	-0.09	
		For >20,000, Deduct	-0.13	
		For Epoxy Paint, Add	0.08	
09 91 13 00-0060	SF	2 Coats Paint, Sprayed, Paint Exterior Drywall/Plaster Walls	1.03	
		For Oil Based Paint, Add	0.07	
		For Work >15' To 20' Above Floor, Add	0.10	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.17	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.28	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.38	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.57	
		For >100 To 250, Add	0.28	
		For >250 To 500, Add	0.12	
		For >2,500 To 5,000, Deduct	-0.05	
		For >5,000 To 10,000, Deduct	-0.10	
		For >10,000 To 20,000, Deduct	-0.15	
		For >20,000, Deduct	-0.21	
		For Epoxy Paint, Add	0.15	

09 91 13 00-0061 Paint Exterior Metal Walls (09 91 13 00-0001)

09 91 13 00-0062 Paint Exterior Galvanized Walls (09 91 13 00-0061)
Note: Linseed oil or acrylic latex paint.

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0063	SF 1 Coat Primer, Brush Work, Paint Exterior Galvanized Wall Surfaces.....	1.19	
	For Work >15' To 20' Above Floor, Add	0.13	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.22	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.35	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.48	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.70	
	For >100 To 250, Add	0.34	
	For >250 To 500, Add	0.15	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.12	
	For >10,000 To 20,000, Deduct	-0.18	
	For >20,000, Deduct	-0.24	
09 91 13 00-0064	SF 1 Coat Paint, Brush Work, Paint Exterior Galvanized Wall Surfaces.....	1.31	
	For Work >15' To 20' Above Floor, Add	0.15	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.25	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.40	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.54	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.79	
	For >100 To 250, Add	0.38	
	For >250 To 500, Add	0.16	
	For >2,500 To 5,000, Deduct	-0.07	
	For >5,000 To 10,000, Deduct	-0.13	
	For >10,000 To 20,000, Deduct	-0.20	
	For >20,000, Deduct	-0.26	
09 91 13 00-0065	SF 2 Coats Paint, Brush Work, Paint Exterior Galvanized Wall Surfaces.....	2.37	
	For Work >15' To 20' Above Floor, Add	0.26	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.43	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.69	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.95	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.39	
	For >100 To 250, Add	0.67	
	For >250 To 500, Add	0.29	
	For >2,500 To 5,000, Deduct	-0.12	
	For >5,000 To 10,000, Deduct	-0.24	
	For >10,000 To 20,000, Deduct	-0.36	
	For >20,000, Deduct	-0.47	
09 91 13 00-0066	SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Galvanized Walls.....	0.88	
	For Work >15' To 20' Above Floor, Add	0.09	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.16	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.25	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.34	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.50	
	For >100 To 250, Add	0.24	
	For >250 To 500, Add	0.11	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.13	
	For >20,000, Deduct	-0.18	
09 91 13 00-0067	SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Galvanized Walls.....	1.02	
	For Work >15' To 20' Above Floor, Add	0.11	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.19	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.30	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.41	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.60	
	For >100 To 250, Add	0.29	
	For >250 To 500, Add	0.13	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.10	
	For >10,000 To 20,000, Deduct	-0.15	
	For >20,000, Deduct	-0.20	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 13 00-0068	SF		2 Coats Paint, Brush/Roller Work, Paint Exterior Galvanized Walls	1.92	
			For Work >15' To 20' Above Floor, Add	0.21	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.34	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.55	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.75	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.11	
			For >100 To 250, Add	0.53	
			For >250 To 500, Add	0.23	
			For >2,500 To 5,000, Deduct	-0.10	
			For >5,000 To 10,000, Deduct	-0.19	
			For >10,000 To 20,000, Deduct	-0.29	
			For >20,000, Deduct	-0.38	
09 91 13 00-0069	SF		1 Coat Primer, Sprayed, Paint Exterior Galvanized Walls	0.72	
			For Work >15' To 20' Above Floor, Add	0.05	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.09	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.14	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.19	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.32	
			For >100 To 250, Add	0.16	
			For >250 To 500, Add	0.07	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.07	
			For >10,000 To 20,000, Deduct	-0.11	
			For >20,000, Deduct	-0.14	
09 91 13 00-0070	SF		1 Coat Paint, Sprayed, Paint Exterior Galvanized Walls	0.91	
			For Work >15' To 20' Above Floor, Add	0.08	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.14	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.22	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.30	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.46	
			For >100 To 250, Add	0.23	
			For >250 To 500, Add	0.10	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 20,000, Deduct	-0.14	
			For >20,000, Deduct	-0.18	
09 91 13 00-0071	SF		2 Coats Paint, Sprayed, Paint Exterior Galvanized Walls	1.56	
			For Work >15' To 20' Above Floor, Add	0.12	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.21	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.33	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.45	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.73	
			For >100 To 250, Add	0.36	
			For >250 To 500, Add	0.16	
			For >2,500 To 5,000, Deduct	-0.08	
			For >5,000 To 10,000, Deduct	-0.16	
			For >10,000 To 20,000, Deduct	-0.23	
			For >20,000, Deduct	-0.31	

09 91 13 00-0072 Paint Exterior Aluminum And Aluminum Alloy Walls (09 91 13 00-0061)

			Note: Alkyd enamel paint.		
09 91 13 00-0073	SF		1 Coat Primer, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces	1.19	
			For Work >15' To 20' Above Floor, Add	0.13	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.22	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.35	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.48	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.70	
			For >100 To 250, Add	0.34	
			For >250 To 500, Add	0.15	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.12	
			For >10,000 To 20,000, Deduct	-0.18	
			For >20,000, Deduct	-0.24	

09 Finishes

09 90 Painting and Coating

09 91 Painting



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0074	SF 1 Coat Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces	1.31	
	For Work >15' To 20' Above Floor, Add	0.15	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.25	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.40	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.54	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.79	
	For >100 To 250, Add	0.38	
	For >250 To 500, Add	0.16	
	For >2,500 To 5,000, Deduct	-0.07	
	For >5,000 To 10,000, Deduct	-0.13	
	For >10,000 To 20,000, Deduct	-0.20	
	For >20,000, Deduct	-0.26	
09 91 13 00-0075	SF 2 Coats Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces	2.37	
	For Work >15' To 20' Above Floor, Add	0.26	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.43	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.69	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.95	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.39	
	For >100 To 250, Add	0.67	
	For >250 To 500, Add	0.29	
	For >2,500 To 5,000, Deduct	-0.12	
	For >5,000 To 10,000, Deduct	-0.24	
	For >10,000 To 20,000, Deduct	-0.36	
	For >20,000, Deduct	-0.47	
09 91 13 00-0076	SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Walls.....	0.99	
	For Work >15' To 20' Above Floor, Add	0.09	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.16	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.25	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.34	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.52	
	For >100 To 250, Add	0.25	
	For >250 To 500, Add	0.11	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.10	
	For >10,000 To 20,000, Deduct	-0.15	
	For >20,000, Deduct	-0.20	
09 91 13 00-0077	SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Walls	1.11	
	For Work >15' To 20' Above Floor, Add	0.11	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.19	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.30	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.41	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.61	
	For >100 To 250, Add	0.30	
	For >250 To 500, Add	0.13	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.11	
	For >10,000 To 20,000, Deduct	-0.17	
	For >20,000, Deduct	-0.22	
09 91 13 00-0078	SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Walls	2.11	
	For Work >15' To 20' Above Floor, Add	0.21	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.34	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.55	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.75	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.14	
	For >100 To 250, Add	0.55	
	For >250 To 500, Add	0.24	
	For >2,500 To 5,000, Deduct	-0.11	
	For >5,000 To 10,000, Deduct	-0.21	
	For >10,000 To 20,000, Deduct	-0.32	
	For >20,000, Deduct	-0.42	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 13 00-0079	SF	1		Coat Primer, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Walls	0.78	
				For Work >15' To 20' Above Floor, Add	0.06	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.10	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.16	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.23	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.36	
				For >100 To 250, Add	0.18	
				For >250 To 500, Add	0.08	
				For >2,500 To 5,000, Deduct	-0.04	
				For >5,000 To 10,000, Deduct	-0.08	
				For >10,000 To 20,000, Deduct	-0.12	
				For >20,000, Deduct	-0.16	

09 91 13 00-0080	SF	1		Coat Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Walls.....	0.91	
				For Work >15' To 20' Above Floor, Add	0.08	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.14	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.22	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.30	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.46	
				For >100 To 250, Add	0.23	
				For >250 To 500, Add	0.10	
				For >2,500 To 5,000, Deduct	-0.05	
				For >5,000 To 10,000, Deduct	-0.09	
				For >10,000 To 20,000, Deduct	-0.14	
				For >20,000, Deduct	-0.18	

09 91 13 00-0081	SF	2		Coats Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Walls.....	1.56	
				For Work >15' To 20' Above Floor, Add	0.12	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.21	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.33	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.45	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.73	
				For >100 To 250, Add	0.36	
				For >250 To 500, Add	0.16	
				For >2,500 To 5,000, Deduct	-0.08	
				For >5,000 To 10,000, Deduct	-0.16	
				For >10,000 To 20,000, Deduct	-0.23	
				For >20,000, Deduct	-0.31	

09 91 13 00-0082 Paint Exterior Aluminum And Aluminum Alloy Roof Stacks (09 91 13 00-0061)

09 91 13 00-0083	LF	1		Coat Primer, Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, Per LF Of Stack	14.11	
				For Work >15' To 20' Above Floor, Add	1.84	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	3.07	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	4.91	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	6.75	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	9.48	
				For >100 To 250, Add	4.48	
				For >250 To 500, Add	1.93	
				For >2,500 To 5,000, Deduct	-0.71	
				For >5,000 To 10,000, Deduct	-1.41	
				For >10,000 To 20,000, Deduct	-2.12	
				For >20,000, Deduct	-2.82	

09 91 13 00-0084	LF	1		Coat Paint, Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, Per LF Of Stack	15.71	
				For Work >15' To 20' Above Floor, Add	2.05	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	3.41	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	5.46	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	7.50	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	10.54	
				For >100 To 250, Add	4.98	
				For >250 To 500, Add	2.15	
				For >2,500 To 5,000, Deduct	-0.79	
				For >5,000 To 10,000, Deduct	-1.57	
				For >10,000 To 20,000, Deduct	-2.36	
				For >20,000, Deduct	-3.14	

09 Finishes**09 90 Painting and Coating****09 91 Painting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 91 13 00-0085	LF	2 Coats Paint, Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, Per LF Of Stack.....	29.32
		For Work >15' To 20' Above Floor, Add	3.85
		Note: Applied only to work area above 15' to 20'.	
		For Work >20' To 30' Above Floor, Add	6.41
		Note: Applied only to work area above 20'.	
		For Work >30' To 40' Above Floor, Add	10.26
		Note: Applied only to work area above 30' to 40'.	
		For Work >40' Above Floor, Add	14.10
		Note: Applied only to work area above 40'.	
		For Up To 100, Add	19.78
		For >100 To 250, Add	9.34
		For >250 To 500, Add	4.03
		For >2,500 To 5,000, Deduct	-1.47
		For >5,000 To 10,000, Deduct	-2.93
		For >10,000 To 20,000, Deduct	-4.40
		For >20,000, Deduct	-5.86
09 91 13 00-0086		Paint Exterior Corrugated Metal Walls (09 91 13 00-0061)	
09 91 13 00-0087	SF	1 Coat Primer, Sprayed, Paint Exterior Corrugated Metal Walls.....	0.87
		For Work >15' To 20' Above Floor, Add	0.07
		Note: Applied only to work area above 15' to 20'.	
		For Work >20' To 30' Above Floor, Add	0.11
		Note: Applied only to work area above 20'.	
		For Work >30' To 40' Above Floor, Add	0.18
		Note: Applied only to work area above 30' to 40'.	
		For Work >40' Above Floor, Add	0.25
		Note: Applied only to work area above 40'.	
		For Up To 100, Add	0.40
		For >100 To 250, Add	0.20
		For >250 To 500, Add	0.09
		For >2,500 To 5,000, Deduct	-0.04
		For >5,000 To 10,000, Deduct	-0.09
		For >10,000 To 20,000, Deduct	-0.13
		For >20,000, Deduct	-0.17
09 91 13 00-0088	SF	1 Coat Paint, Sprayed, Paint Exterior Corrugated Metal Walls.....	1.15
		For Work >15' To 20' Above Floor, Add	0.11
		Note: Applied only to work area above 15' to 20'.	
		For Work >20' To 30' Above Floor, Add	0.18
		Note: Applied only to work area above 20'.	
		For Work >30' To 40' Above Floor, Add	0.29
		Note: Applied only to work area above 30' to 40'.	
		For Work >40' Above Floor, Add	0.40
		Note: Applied only to work area above 40'.	
		For Up To 100, Add	0.61
		For >100 To 250, Add	0.30
		For >250 To 500, Add	0.13
		For >2,500 To 5,000, Deduct	-0.06
		For >5,000 To 10,000, Deduct	-0.12
		For >10,000 To 20,000, Deduct	-0.17
		For >20,000, Deduct	-0.23
09 91 13 00-0089	SF	2 Coats Paint, Sprayed, Paint Exterior Corrugated Metal Walls.....	1.94
		For Work >15' To 20' Above Floor, Add	0.16
		Note: Applied only to work area above 15' to 20'.	
		For Work >20' To 30' Above Floor, Add	0.27
		Note: Applied only to work area above 20'.	
		For Work >30' To 40' Above Floor, Add	0.44
		Note: Applied only to work area above 30' to 40'.	
		For Work >40' Above Floor, Add	0.60
		Note: Applied only to work area above 40'.	
		For Up To 100, Add	0.95
		For >100 To 250, Add	0.47
		For >250 To 500, Add	0.21
		For >2,500 To 5,000, Deduct	-0.10
		For >5,000 To 10,000, Deduct	-0.19
		For >10,000 To 20,000, Deduct	-0.29
		For >20,000, Deduct	-0.39
09 91 13 00-0090		Paint Exterior Stucco Walls (09 91 13 00-0001)	
09 91 13 00-0091	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Stucco Wall Surfaces.....	0.28
		For Oil Based Paint, Add	0.02
		For Work >15' To 20' Above Floor, Add	0.04
		Note: Applied only to work area above 15' to 20'.	
		For Work >20' To 30' Above Floor, Add	0.06
		Note: Applied only to work area above 20'.	
		For Work >30' To 40' Above Floor, Add	0.10
		Note: Applied only to work area above 30' to 40'.	
		For Work >40' Above Floor, Add	0.13
		Note: Applied only to work area above 40'.	
		For Up To 100, Add	0.19
		For >100 To 250, Add	0.09
		For >250 To 500, Add	0.04
		For >2,500 To 5,000, Deduct	-0.01
		For >5,000 To 10,000, Deduct	-0.03
		For >10,000 To 20,000, Deduct	-0.04
		For >20,000, Deduct	-0.06

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 13 00-0092	SF	1	Coat Primer, Brush Work, Paint Exterior Stucco Wall Surfaces.....	1.58	
			For Oil Based Paint, Add	0.09	
			For Work >15' To 20' Above Floor, Add	0.21	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.34	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.55	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.75	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.06	
			For >100 To 250, Add	0.50	
			For >250 To 500, Add	0.22	
			For >2,500 To 5,000, Deduct	-0.08	
			For >5,000 To 10,000, Deduct	-0.16	
			For >10,000 To 20,000, Deduct	-0.24	
			For >20,000, Deduct	-0.32	
09 91 13 00-0093	SF	1	Coat Paint, Brush Work, Paint Exterior Stucco Wall Surfaces.....	1.73	
			For Oil Based Paint, Add	0.10	
			For Work >15' To 20' Above Floor, Add	0.22	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.37	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.60	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.82	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.15	
			For >100 To 250, Add	0.55	
			For >250 To 500, Add	0.24	
			For >2,500 To 5,000, Deduct	-0.09	
			For >5,000 To 10,000, Deduct	-0.17	
			For >10,000 To 20,000, Deduct	-0.26	
			For >20,000, Deduct	-0.35	
09 91 13 00-0094	SF	2	Coats Paint, Brush Work, Paint Exterior Stucco Wall Surfaces.....	3.20	
			For Oil Based Paint, Add	0.18	
			For Work >15' To 20' Above Floor, Add	0.41	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.68	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	1.09	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	1.50	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	2.11	
			For >100 To 250, Add	1.00	
			For >250 To 500, Add	0.43	
			For >2,500 To 5,000, Deduct	-0.16	
			For >5,000 To 10,000, Deduct	-0.32	
			For >10,000 To 20,000, Deduct	-0.48	
			For >20,000, Deduct	-0.64	
09 91 13 00-0095	SF	1	Coat Primer, Brush/Roller Work, Paint Exterior Stucco Walls.....	1.19	
			For Oil Based Paint, Add	0.07	
			For Work >15' To 20' Above Floor, Add	0.15	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.25	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.39	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.54	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.77	
			For >100 To 250, Add	0.36	
			For >250 To 500, Add	0.16	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.12	
			For >10,000 To 20,000, Deduct	-0.18	
			For >20,000, Deduct	-0.24	
09 91 13 00-0096	SF	1	Coat Paint, Brush/Roller Work, Paint Exterior Stucco Walls.....	1.34	
			For Oil Based Paint, Add	0.08	
			For Work >15' To 20' Above Floor, Add	0.17	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.28	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.44	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.61	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.86	
			For >100 To 250, Add	0.41	
			For >250 To 500, Add	0.18	
			For >2,500 To 5,000, Deduct	-0.07	
			For >5,000 To 10,000, Deduct	-0.13	
			For >10,000 To 20,000, Deduct	-0.20	
			For >20,000, Deduct	-0.27	

09 Finishes
09 90 Painting and Coating
09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0097	SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Stucco Walls	2.47	
	For Oil Based Paint, Add	0.15	
	For Work >15' To 20' Above Floor, Add	0.30	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.50	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.80	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	1.09	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.56	
	For >100 To 250, Add	0.74	
	For >250 To 500, Add	0.32	
	For >2,500 To 5,000, Deduct	-0.12	
	For >5,000 To 10,000, Deduct	-0.25	
	For >10,000 To 20,000, Deduct	-0.37	
	For >20,000, Deduct	-0.49	
09 91 13 00-0098	SF 1 Coat Primer, Sprayed, Paint Exterior Stucco Walls	0.82	
	For Oil Based Paint, Add	0.05	
	For Work >15' To 20' Above Floor, Add	0.09	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.15	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.23	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.32	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.47	
	For >100 To 250, Add	0.23	
	For >250 To 500, Add	0.10	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.12	
	For >20,000, Deduct	-0.16	
09 91 13 00-0099	SF 1 Coat Paint, Sprayed, Paint Exterior Stucco Walls	0.99	
	For Oil Based Paint, Add	0.07	
	For Work >15' To 20' Above Floor, Add	0.10	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.17	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.27	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.37	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.56	
	For >100 To 250, Add	0.27	
	For >250 To 500, Add	0.12	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.10	
	For >10,000 To 20,000, Deduct	-0.15	
	For >20,000, Deduct	-0.20	
09 91 13 00-0100	SF 2 Coats Paint, Sprayed, Paint Exterior Stucco Walls	1.93	
	For Oil Based Paint, Add	0.12	
	For Work >15' To 20' Above Floor, Add	0.21	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.35	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.55	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.76	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.12	
	For >100 To 250, Add	0.54	
	For >250 To 500, Add	0.23	
	For >2,500 To 5,000, Deduct	-0.10	
	For >5,000 To 10,000, Deduct	-0.19	
	For >10,000 To 20,000, Deduct	-0.29	
	For >20,000, Deduct	-0.39	
09 91 13 00-0101	Paint Exterior Wood Siding (09 91 13 00-0001)		
09 91 13 00-0102	Paint Exterior Smooth Wood Siding (09 91 13 00-0101)		
	Note: Includes tongue and groove, beveled, drop or board and batten siding.		
09 91 13 00-0103	LF 1 Coat Paint, Cut-in Brush Work, Paint Exterior Wood Smooth Siding	0.23	
	For Oil Based Paint, Add	0.01	
	For Work >15' To 20' Above Floor, Add	0.03	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.05	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.08	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.11	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.15	
	For >100 To 250, Add	0.07	
	For >250 To 500, Add	0.03	
	For >2,500 To 5,000, Deduct	-0.01	
	For >5,000 To 10,000, Deduct	-0.02	
	For >10,000 To 20,000, Deduct	-0.03	
	For >20,000, Deduct	-0.05	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91	13 00-0104	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Smooth Siding	1.32	
			For Oil Based Paint, Add	0.08	
			For Work >15' To 20' Above Floor, Add	0.16	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.27	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.43	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.59	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.85	
			For >100 To 250, Add	0.40	
			For >250 To 500, Add	0.17	
			For >2,500 To 5,000, Deduct	-0.07	
			For >5,000 To 10,000, Deduct	-0.13	
			For >10,000 To 20,000, Deduct	-0.20	
			For >20,000, Deduct	-0.26	
09 91	13 00-0105	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Smooth Siding	1.41	
			For Oil Based Paint, Add	0.08	
			For Work >15' To 20' Above Floor, Add	0.18	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.30	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.48	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.66	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.93	
			For >100 To 250, Add	0.44	
			For >250 To 500, Add	0.19	
			For >2,500 To 5,000, Deduct	-0.07	
			For >5,000 To 10,000, Deduct	-0.14	
			For >10,000 To 20,000, Deduct	-0.21	
			For >20,000, Deduct	-0.28	
09 91	13 00-0106	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Smooth Siding.....	2.50	
			For Oil Based Paint, Add	0.15	
			For Work >15' To 20' Above Floor, Add	0.31	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.52	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.84	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	1.15	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.63	
			For >100 To 250, Add	0.77	
			For >250 To 500, Add	0.33	
			For >2,500 To 5,000, Deduct	-0.13	
			For >5,000 To 10,000, Deduct	-0.25	
			For >10,000 To 20,000, Deduct	-0.38	
			For >20,000, Deduct	-0.50	
09 91	13 00-0107	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Smooth Wood Siding.....	1.02	
			For Oil Based Paint, Add	0.06	
			For Work >15' To 20' Above Floor, Add	0.11	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.19	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.30	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.41	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.60	
			For >100 To 250, Add	0.29	
			For >250 To 500, Add	0.13	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.10	
			For >10,000 To 20,000, Deduct	-0.15	
			For >20,000, Deduct	-0.20	
09 91	13 00-0108	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Smooth Wood Siding.....	1.13	
			For Oil Based Paint, Add	0.07	
			For Work >15' To 20' Above Floor, Add	0.13	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.22	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.36	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.49	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.70	
			For >100 To 250, Add	0.34	
			For >250 To 500, Add	0.15	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.17	
			For >20,000, Deduct	-0.23	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0109	SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Smooth Wood Siding	2.12	
	For Oil Based Paint, Add	0.13	
	For Work >15' To 20' Above Floor, Add	0.25	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.41	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.66	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.90	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.30	
	For >100 To 250, Add	0.62	
	For >250 To 500, Add	0.27	
	For >2,500 To 5,000, Deduct	-0.11	
	For >5,000 To 10,000, Deduct	-0.21	
	For >10,000 To 20,000, Deduct	-0.32	
	For >20,000, Deduct	-0.42	
09 91 13 00-0110	SF 1 Coat Primer, Sprayed, Paint Exterior Smooth Wood Siding	0.77	
	For Oil Based Paint, Add	0.05	
	For Work >15' To 20' Above Floor, Add	0.08	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.13	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.20	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.28	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.42	
	For >100 To 250, Add	0.20	
	For >250 To 500, Add	0.09	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.12	
	For >20,000, Deduct	-0.15	
09 91 13 00-0111	SF 1 Coat Paint, Sprayed, Paint Exterior Smooth Wood Siding	0.93	
	For Oil Based Paint, Add	0.06	
	For Work >15' To 20' Above Floor, Add	0.10	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.17	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.26	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.36	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.54	
	For >100 To 250, Add	0.26	
	For >250 To 500, Add	0.11	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.14	
	For >20,000, Deduct	-0.19	
09 91 13 00-0112	SF 2 Coats Paint, Sprayed, Paint Exterior Smooth Wood Siding	1.49	
	For Oil Based Paint, Add	0.10	
	For Work >15' To 20' Above Floor, Add	0.15	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.25	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.39	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.54	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.81	
	For >100 To 250, Add	0.39	
	For >250 To 500, Add	0.17	
	For >2,500 To 5,000, Deduct	-0.07	
	For >5,000 To 10,000, Deduct	-0.15	
	For >10,000 To 20,000, Deduct	-0.22	
	For >20,000, Deduct	-0.30	
09 91 13 00-0113	Paint Exterior Rough Wood Siding (09 91 13 00-0101)		
	Note: Includes shingles, shakes or rough sawn siding.		
09 91 13 00-0114	SF 1 Coat Primer, Brush Work, Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding	1.76	
	For Oil Based Paint, Add	0.10	
	For Work >15' To 20' Above Floor, Add	0.22	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.37	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.60	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.82	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.16	
	For >100 To 250, Add	0.55	
	For >250 To 500, Add	0.24	
	For >2,500 To 5,000, Deduct	-0.09	
	For >5,000 To 10,000, Deduct	-0.18	
	For >10,000 To 20,000, Deduct	-0.26	
	For >20,000, Deduct	-0.35	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 13 00-0115	SF	1	Coat Paint, Brush Work, Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding.....	1.78	
			For Oil Based Paint, Add	0.10	
			For Work >15' To 20' Above Floor, Add	0.24	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.39	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.63	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.86	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.21	
			For >100 To 250, Add	0.57	
			For >250 To 500, Add	0.25	
			For >2,500 To 5,000, Deduct	-0.09	
			For >5,000 To 10,000, Deduct	-0.18	
			For >10,000 To 20,000, Deduct	-0.27	
			For >20,000, Deduct	-0.36	
09 91 13 00-0116	SF	2	Coats Paint, Brush Work, Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding.....	3.27	
			For Oil Based Paint, Add	0.18	
			For Work >15' To 20' Above Floor, Add	0.43	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.72	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	1.14	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	1.57	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	2.21	
			For >100 To 250, Add	1.04	
			For >250 To 500, Add	0.45	
			For >2,500 To 5,000, Deduct	-0.16	
			For >5,000 To 10,000, Deduct	-0.33	
			For >10,000 To 20,000, Deduct	-0.49	
			For >20,000, Deduct	-0.65	
09 91 13 00-0117	SF	1	Coat Primer, Brush/Roller Work, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn).....	1.56	
			For Oil Based Paint, Add	0.10	
			For Work >15' To 20' Above Floor, Add	0.17	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.28	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.44	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.61	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.90	
			For >100 To 250, Add	0.43	
			For >250 To 500, Add	0.19	
			For >2,500 To 5,000, Deduct	-0.08	
			For >5,000 To 10,000, Deduct	-0.16	
			For >10,000 To 20,000, Deduct	-0.23	
			For >20,000, Deduct	-0.31	
09 91 13 00-0118	SF	1	Coat Paint, Brush/Roller Work, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn).....	1.69	
			For Oil Based Paint, Add	0.11	
			For Work >15' To 20' Above Floor, Add	0.19	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.31	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.50	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.68	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.00	
			For >100 To 250, Add	0.48	
			For >250 To 500, Add	0.21	
			For >2,500 To 5,000, Deduct	-0.08	
			For >5,000 To 10,000, Deduct	-0.17	
			For >10,000 To 20,000, Deduct	-0.25	
			For >20,000, Deduct	-0.34	
09 91 13 00-0119	SF	2	Coats Paint, Brush/Roller Work, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn).....	3.12	
			For Oil Based Paint, Add	0.20	
			For Work >15' To 20' Above Floor, Add	0.33	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.56	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.89	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	1.23	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.81	
			For >100 To 250, Add	0.87	
			For >250 To 500, Add	0.38	
			For >2,500 To 5,000, Deduct	-0.16	
			For >5,000 To 10,000, Deduct	-0.31	
			For >10,000 To 20,000, Deduct	-0.47	
			For >20,000, Deduct	-0.62	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0120	SF 1 Coat Primer, Sprayed, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn).....	1.06	
	For Oil Based Paint, Add	0.07	
	For Work >15' To 20' Above Floor, Add	0.10	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.17	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.27	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.37	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.57	
	For >100 To 250, Add	0.28	
	For >250 To 500, Add	0.12	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.11	
	For >10,000 To 20,000, Deduct	-0.16	
	For >20,000, Deduct	-0.21	
09 91 13 00-0121	SF 1 Coat Paint, Sprayed, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn).....	1.20	
	For Oil Based Paint, Add	0.08	
	For Work >15' To 20' Above Floor, Add	0.12	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.21	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.33	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.45	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.67	
	For >100 To 250, Add	0.33	
	For >250 To 500, Add	0.14	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.12	
	For >10,000 To 20,000, Deduct	-0.18	
	For >20,000, Deduct	-0.24	
09 91 13 00-0122	SF 2 Coats Paint, Sprayed, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn).....	2.26	
	For Oil Based Paint, Add	0.15	
	For Work >15' To 20' Above Floor, Add	0.23	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.38	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.60	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.83	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.25	
	For >100 To 250, Add	0.60	
	For >250 To 500, Add	0.26	
	For >2,500 To 5,000, Deduct	-0.11	
	For >5,000 To 10,000, Deduct	-0.23	
	For >10,000 To 20,000, Deduct	-0.34	
	For >20,000, Deduct	-0.45	
09 91 13 00-0123	Paint Exterior Vinyl Siding (09 91 13 00-0001)		
09 91 13 00-0124	LF 1 Coat Paint, Cut-in Brush Work, Paint Exterior Vinyl Siding.....	0.18	
	For Oil Based Paint, Add	0.01	
	For Work >15' To 20' Above Floor, Add	0.02	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.04	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.06	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.08	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.11	
	For >100 To 250, Add	0.05	
	For >250 To 500, Add	0.02	
	For >2,500 To 5,000, Deduct	-0.01	
	For >5,000 To 10,000, Deduct	-0.02	
	For >10,000 To 20,000, Deduct	-0.03	
	For >20,000, Deduct	-0.04	
09 91 13 00-0125	SF 1 Coat Primer, Brush Work, Paint Exterior Vinyl Siding.....	0.98	
	For Oil Based Paint, Add	0.06	
	For Work >15' To 20' Above Floor, Add	0.11	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.19	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.30	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.41	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.59	
	For >100 To 250, Add	0.28	
	For >250 To 500, Add	0.12	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.10	
	For >10,000 To 20,000, Deduct	-0.15	
	For >20,000, Deduct	-0.20	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 13 00-0126	SF	1	Coat Paint, Brush Work, Paint Exterior Vinyl Siding	1.08	
			For Oil Based Paint, Add	0.07	
			For Work >15' To 20' Above Floor, Add	0.13	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.21	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.34	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.46	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.67	
			For >100 To 250, Add	0.32	
			For >250 To 500, Add	0.14	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.16	
			For >20,000, Deduct	-0.22	
09 91 13 00-0127	SF	2	Coats Paint, Brush Work, Paint Exterior Vinyl Siding	2.00	
			For Oil Based Paint, Add	0.13	
			For Work >15' To 20' Above Floor, Add	0.22	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.37	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.60	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.82	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.19	
			For >100 To 250, Add	0.57	
			For >250 To 500, Add	0.25	
			For >2,500 To 5,000, Deduct	-0.10	
			For >5,000 To 10,000, Deduct	-0.20	
			For >10,000 To 20,000, Deduct	-0.30	
			For >20,000, Deduct	-0.40	
09 91 13 00-0128	SF	1	Coat Primer, Brush/Roller Work, Paint Exterior Vinyl Siding.....	0.89	
			For Oil Based Paint, Add	0.06	
			For Work >15' To 20' Above Floor, Add	0.09	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.16	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.25	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.34	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.51	
			For >100 To 250, Add	0.24	
			For >250 To 500, Add	0.11	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 20,000, Deduct	-0.13	
			For >20,000, Deduct	-0.18	
09 91 13 00-0129	SF	1	Coat Paint, Brush/Roller Work, Paint Exterior Vinyl Siding.....	0.89	
			For Oil Based Paint, Add	0.06	
			For Work >15' To 20' Above Floor, Add	0.09	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.16	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.25	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.34	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.51	
			For >100 To 250, Add	0.24	
			For >250 To 500, Add	0.11	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 20,000, Deduct	-0.13	
			For >20,000, Deduct	-0.18	
09 91 13 00-0130	SF	2	Coats Paint, Brush/Roller Work, Paint Exterior Vinyl Siding	1.66	
			For Oil Based Paint, Add	0.11	
			For Work >15' To 20' Above Floor, Add	0.17	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.28	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.44	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.61	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.92	
			For >100 To 250, Add	0.44	
			For >250 To 500, Add	0.19	
			For >2,500 To 5,000, Deduct	-0.08	
			For >5,000 To 10,000, Deduct	-0.17	
			For >10,000 To 20,000, Deduct	-0.25	
			For >20,000, Deduct	-0.33	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0131	SF 1 Coat Primer, Sprayed, Paint Exterior Vinyl Siding.....	0.75	
	For Oil Based Paint, Add	0.05	
	For Work >15' To 20' Above Floor, Add	0.06	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.10	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.16	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.23	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.36	
	For >100 To 250, Add	0.18	
	For >250 To 500, Add	0.08	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.11	
	For >20,000, Deduct	-0.15	
09 91 13 00-0132	SF 1 Coat Paint, Sprayed, Paint Exterior Vinyl Siding.....	0.86	
	For Oil Based Paint, Add	0.07	
	For Work >15' To 20' Above Floor, Add	0.06	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.10	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.16	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.23	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.38	
	For >100 To 250, Add	0.19	
	For >250 To 500, Add	0.08	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.13	
	For >20,000, Deduct	-0.17	
09 91 13 00-0133	SF 2 Coats Paint, Sprayed, Paint Exterior Vinyl Siding.....	1.68	
	For Oil Based Paint, Add	0.13	
	For Work >15' To 20' Above Floor, Add	0.12	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.21	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.33	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.45	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.74	
	For >100 To 250, Add	0.37	
	For >250 To 500, Add	0.17	
	For >2,500 To 5,000, Deduct	-0.08	
	For >5,000 To 10,000, Deduct	-0.17	
	For >10,000 To 20,000, Deduct	-0.25	
	For >20,000, Deduct	-0.34	
09 91 13 00-0134	Paint Exterior Ceilings <small>(09 91 13)</small>		
09 91 13 00-0135	Paint Exterior Concrete Ceilings <small>(09 91 13 00-0134)</small>		
09 91 13 00-0136	LF 1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Ceiling.....	0.18	
	For Oil Based Paint, Add	0.01	
	For Epoxy Paint, Add	0.02	
	For Work >15' To 20' Above Floor, Add	0.02	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.04	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.06	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.09	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.12	
	For >100 To 250, Add	0.06	
	For >250 To 500, Add	0.03	
	For >2,500 To 5,000, Deduct	-0.01	
	For >5,000 To 10,000, Deduct	-0.02	
	For >10,000 To 20,000, Deduct	-0.03	
	For >20,000, Deduct	-0.04	
09 91 13 00-0137	SF 1 Coat Filler, Brush Work, Paint Exterior Concrete Ceiling.....	1.03	
	For Oil Based Paint, Add	0.06	
	For Epoxy Paint, Add	0.10	
	For Work >15' To 20' Above Floor, Add	0.13	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.22	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.34	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.47	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.67	
	For >100 To 250, Add	0.32	
	For >250 To 500, Add	0.14	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.10	
	For >10,000 To 20,000, Deduct	-0.15	
	For >20,000, Deduct	-0.21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0138	SF		1 Coat Paint, Brush Work, Paint Exterior Concrete Ceiling	1.13	
			For Oil Based Paint, Add	0.06	
			For Epoxy Paint, Add	0.10	
			For Work >15' To 20' Above Floor, Add	0.15	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.25	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.40	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.54	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.76	
			For >100 To 250, Add	0.36	
			For >250 To 500, Add	0.16	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.17	
			For >20,000, Deduct	-0.23	
09 91 13 00-0139	SF		2 Coats Paint, Brush Work, Paint Exterior Concrete Ceiling.....	2.00	
			For Oil Based Paint, Add	0.11	
			For Epoxy Paint, Add	0.18	
			For Work >15' To 20' Above Floor, Add	0.26	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.43	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.69	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.95	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.34	
			For >100 To 250, Add	0.63	
			For >250 To 500, Add	0.27	
			For >2,500 To 5,000, Deduct	-0.10	
			For >5,000 To 10,000, Deduct	-0.20	
			For >10,000 To 20,000, Deduct	-0.30	
			For >20,000, Deduct	-0.40	
09 91 13 00-0140	SF		1 Coat Filler, Brush/Roller Work, Paint Exterior Concrete Ceiling.....	0.79	
			For Oil Based Paint, Add	0.05	
			For Epoxy Paint, Add	0.09	
			For Work >15' To 20' Above Floor, Add	0.09	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.16	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.25	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.34	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.49	
			For >100 To 250, Add	0.23	
			For >250 To 500, Add	0.10	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.08	
			For >10,000 To 20,000, Deduct	-0.12	
			For >20,000, Deduct	-0.16	
09 91 13 00-0141	SF		1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Ceiling	0.88	
			For Oil Based Paint, Add	0.05	
			For Epoxy Paint, Add	0.09	
			For Work >15' To 20' Above Floor, Add	0.11	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.19	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.30	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.41	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.58	
			For >100 To 250, Add	0.27	
			For >250 To 500, Add	0.12	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 20,000, Deduct	-0.13	
			For >20,000, Deduct	-0.18	
09 91 13 00-0142	SF		2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Ceiling	1.64	
			For Oil Based Paint, Add	0.10	
			For Epoxy Paint, Add	0.16	
			For Work >15' To 20' Above Floor, Add	0.21	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.34	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.55	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.75	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.07	
			For >100 To 250, Add	0.51	
			For >250 To 500, Add	0.22	
			For >2,500 To 5,000, Deduct	-0.08	
			For >5,000 To 10,000, Deduct	-0.16	
			For >10,000 To 20,000, Deduct	-0.25	
			For >20,000, Deduct	-0.33	

09 Finishes

09 90 Painting and Coating

09 91 Painting

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 91 13 00-0143	SF	1 Coat Filler, Sprayed, Paint Exterior Concrete Ceiling	0.62	
		For Oil Based Paint, Add	0.04	
		For Epoxy Paint, Add	0.09	
		For Work >15' To 20' Above Floor, Add	0.06	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.10	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.16	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.23	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.34	
		For >100 To 250, Add	0.16	
		For >250 To 500, Add	0.07	
		For >2,500 To 5,000, Deduct	-0.03	
		For >5,000 To 10,000, Deduct	-0.06	
		For >10,000 To 20,000, Deduct	-0.09	
		For >20,000, Deduct	-0.12	
09 91 13 00-0144	SF	1 Coat Paint, Sprayed, Paint Exterior Concrete Ceiling	0.71	
		For Oil Based Paint, Add	0.04	
		For Epoxy Paint, Add	0.09	
		For Work >15' To 20' Above Floor, Add	0.08	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.14	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.22	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.30	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.43	
		For >100 To 250, Add	0.21	
		For >250 To 500, Add	0.09	
		For >2,500 To 5,000, Deduct	-0.04	
		For >5,000 To 10,000, Deduct	-0.07	
		For >10,000 To 20,000, Deduct	-0.11	
		For >20,000, Deduct	-0.14	
09 91 13 00-0145	SF	2 Coats Paint, Sprayed, Paint Exterior Concrete Ceiling	1.16	
		For Oil Based Paint, Add	0.08	
		For Epoxy Paint, Add	0.16	
		For Work >15' To 20' Above Floor, Add	0.12	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.21	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.33	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.45	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.67	
		For >100 To 250, Add	0.32	
		For >250 To 500, Add	0.14	
		For >2,500 To 5,000, Deduct	-0.06	
		For >5,000 To 10,000, Deduct	-0.12	
		For >10,000 To 20,000, Deduct	-0.17	
		For >20,000, Deduct	-0.23	
09 91 13 00-0146		Drywall/Plaster <small>(09 91 13 00-0134)</small>	0.18	
09 91 13 00-0147	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Drywall/Plaster Ceiling	0.18	
		For Oil Based Paint, Add	0.01	
		For Epoxy Paint, Add	0.02	
		For Work >15' To 20' Above Floor, Add	0.02	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.04	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.06	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.09	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.12	
		For >100 To 250, Add	0.06	
		For >250 To 500, Add	0.03	
		For >2,500 To 5,000, Deduct	-0.01	
		For >5,000 To 10,000, Deduct	-0.02	
		For >10,000 To 20,000, Deduct	-0.03	
		For >20,000, Deduct	-0.04	
		For Epoxy Paint, Add	0.02	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0148	SF	1	Coat Primer, Brush Work, Paint Exterior Drywall/Plaster Ceiling	1.04	
			For Oil Based Paint, Add	0.06	
			For Orange Peel Finish, Add	0.14	
			For Epoxy Paint, Add	0.10	
			For Work >15' To 20' Above Floor, Add	0.13	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.22	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.35	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.48	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.68	
			For >100 To 250, Add	0.32	
			For >250 To 500, Add	0.14	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.10	
			For >10,000 To 20,000, Deduct	-0.16	
			For >20,000, Deduct	-0.21	
			For Epoxy Paint, Add	0.10	
09 91 13 00-0149	SF	1	Coat Paint, Brush Work, Paint Exterior Drywall/Plaster Ceiling	1.13	
			For Oil Based Paint, Add	0.06	
			For Orange Peel Finish, Add	0.16	
			For Epoxy Paint, Add	0.10	
			For Work >15' To 20' Above Floor, Add	0.15	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.25	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.40	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.54	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.76	
			For >100 To 250, Add	0.36	
			For >250 To 500, Add	0.16	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.17	
			For >20,000, Deduct	-0.23	
			For Epoxy Paint, Add	0.10	
09 91 13 00-0150	SF	2	Coats Paint, Brush Work, Paint Exterior Drywall/Plaster Ceiling	2.01	
			For Oil Based Paint, Add	0.11	
			For Orange Peel Finish, Add	0.28	
			For Epoxy Paint, Add	0.18	
			For Work >15' To 20' Above Floor, Add	0.26	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.44	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.70	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.96	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.35	
			For >100 To 250, Add	0.64	
			For >250 To 500, Add	0.27	
			For >2,500 To 5,000, Deduct	-0.10	
			For >5,000 To 10,000, Deduct	-0.20	
			For >10,000 To 20,000, Deduct	-0.30	
			For >20,000, Deduct	-0.40	
			For Epoxy Paint, Add	0.18	
09 91 13 00-0151	SF	1	Coat Primer, Brush/Roller Work, Paint Exterior Drywall/Plaster Ceiling	0.78	
			For Oil Based Paint, Add	0.05	
			For Orange Peel Finish, Add	0.11	
			For Epoxy Paint, Add	0.09	
			For Work >15' To 20' Above Floor, Add	0.09	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.15	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.24	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.34	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.48	
			For >100 To 250, Add	0.23	
			For >250 To 500, Add	0.10	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.08	
			For >10,000 To 20,000, Deduct	-0.12	
			For >20,000, Deduct	-0.16	
			For Epoxy Paint, Add	0.09	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0152	SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Ceiling.....	0.88	
	<i>For Oil Based Paint, Add</i>	0.05	
	<i>For Orange Peel Finish, Add</i>	0.12	
	<i>For Epoxy Paint, Add</i>	0.09	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.11	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.19	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.30	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	0.41	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.58	
	<i>For >100 To 250, Add</i>	0.27	
	<i>For >250 To 500, Add</i>	0.12	
	<i>For >2,500 To 5,000, Deduct</i>	-0.04	
	<i>For >5,000 To 10,000, Deduct</i>	-0.09	
	<i>For >10,000 To 20,000, Deduct</i>	-0.13	
	<i>For >20,000, Deduct</i>	-0.18	
	<i>For Epoxy Paint, Add</i>	0.09	
09 91 13 00-0153	SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Ceiling.....	1.63	
	<i>For Oil Based Paint, Add</i>	0.10	
	<i>For Orange Peel Finish, Add</i>	0.23	
	<i>For Epoxy Paint, Add</i>	0.16	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.20	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.34	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.54	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	0.75	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	1.06	
	<i>For >100 To 250, Add</i>	0.50	
	<i>For >250 To 500, Add</i>	0.22	
	<i>For >2,500 To 5,000, Deduct</i>	-0.08	
	<i>For >5,000 To 10,000, Deduct</i>	-0.16	
	<i>For >10,000 To 20,000, Deduct</i>	-0.24	
	<i>For >20,000, Deduct</i>	-0.33	
	<i>For Epoxy Paint, Add</i>	0.16	
09 91 13 00-0154	SF 1 Coat Primer, Sprayed, Paint Exterior Drywall/Plaster Ceiling.....	0.62	
	<i>For Oil Based Paint, Add</i>	0.04	
	<i>For Epoxy Paint, Add</i>	0.09	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.06	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.10	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.16	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	0.23	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.34	
	<i>For >100 To 250, Add</i>	0.16	
	<i>For >250 To 500, Add</i>	0.07	
	<i>For >2,500 To 5,000, Deduct</i>	-0.03	
	<i>For >5,000 To 10,000, Deduct</i>	-0.06	
	<i>For >10,000 To 20,000, Deduct</i>	-0.09	
	<i>For >20,000, Deduct</i>	-0.12	
	<i>For Epoxy Paint, Add</i>	0.09	
09 91 13 00-0155	SF 1 Coat Paint, Sprayed, Paint Exterior Drywall/Plaster Ceiling.....	0.73	
	<i>For Oil Based Paint, Add</i>	0.05	
	<i>For Epoxy Paint, Add</i>	0.09	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.08	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.14	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.22	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	0.31	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.45	
	<i>For >100 To 250, Add</i>	0.21	
	<i>For >250 To 500, Add</i>	0.09	
	<i>For >2,500 To 5,000, Deduct</i>	-0.04	
	<i>For >5,000 To 10,000, Deduct</i>	-0.07	
	<i>For >10,000 To 20,000, Deduct</i>	-0.11	
	<i>For >20,000, Deduct</i>	-0.15	
	<i>For Epoxy Paint, Add</i>	0.09	

	MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 13 00-0156	SF	2 Coats Paint, Sprayed, Paint Exterior Drywall/Plaster Ceiling.....	1.16	
		For Oil Based Paint, Add	0.08	
		For Epoxy Paint, Add	0.16	
		For Work >15' To 20' Above Floor, Add	0.12	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.21	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.33	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.45	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.67	
		For >100 To 250, Add	0.32	
		For >250 To 500, Add	0.14	
		For >2,500 To 5,000, Deduct	-0.06	
		For >5,000 To 10,000, Deduct	-0.12	
		For >10,000 To 20,000, Deduct	-0.17	
		For >20,000, Deduct	-0.23	
		For Epoxy Paint, Add	0.16	

09 91 13 00-0157 Paint Exterior Wood Ceilings (09 91 13 00-0134)

09 91 13 00-0158 Paint Exterior Smooth Wood Ceilings (09 91 13 00-0157)

09 91 13 00-0159	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Wood Smooth Ceiling.....	0.21	
		For Oil Based Paint, Add	0.01	
		For Work >15' To 20' Above Floor, Add	0.03	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.05	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.07	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.10	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.14	
		For >100 To 250, Add	0.07	
		For >250 To 500, Add	0.03	
		For >2,500 To 5,000, Deduct	-0.01	
		For >5,000 To 10,000, Deduct	-0.02	
		For >10,000 To 20,000, Deduct	-0.03	
		For >20,000, Deduct	-0.04	

09 91 13 00-0160	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Smooth Ceiling.....	1.27	
		For Oil Based Paint, Add	0.08	
		For Work >15' To 20' Above Floor, Add	0.15	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.26	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.41	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.57	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.81	
		For >100 To 250, Add	0.38	
		For >250 To 500, Add	0.17	
		For >2,500 To 5,000, Deduct	-0.06	
		For >5,000 To 10,000, Deduct	-0.13	
		For >10,000 To 20,000, Deduct	-0.19	
		For >20,000, Deduct	-0.25	

09 91 13 00-0161	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Smooth Ceiling.....	1.32	
		For Oil Based Paint, Add	0.08	
		For Work >15' To 20' Above Floor, Add	0.17	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.28	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.44	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.61	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.86	
		For >100 To 250, Add	0.41	
		For >250 To 500, Add	0.18	
		For >2,500 To 5,000, Deduct	-0.07	
		For >5,000 To 10,000, Deduct	-0.13	
		For >10,000 To 20,000, Deduct	-0.20	
		For >20,000, Deduct	-0.26	

09 91 13 00-0162	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Smooth Ceiling.....	2.40	
		For Oil Based Paint, Add	0.14	
		For Work >15' To 20' Above Floor, Add	0.30	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.50	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.80	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	1.09	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	1.55	
		For >100 To 250, Add	0.74	
		For >250 To 500, Add	0.32	
		For >2,500 To 5,000, Deduct	-0.12	
		For >5,000 To 10,000, Deduct	-0.24	
		For >10,000 To 20,000, Deduct	-0.36	
		For >20,000, Deduct	-0.48	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
09 91	13 00-0163	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Smooth Wood Ceiling	1.02
			<i>For Oil Based Paint, Add</i>	0.06
			<i>For Work >15' To 20' Above Floor, Add</i>	0.11
			<i>Note: Applied only to work area above 15' to 20'.</i>	
			<i>For Work >20' To 30' Above Floor, Add</i>	0.19
			<i>Note: Applied only to work area above 20'.</i>	
			<i>For Work >30' To 40' Above Floor, Add</i>	0.30
			<i>Note: Applied only to work area above 30' to 40'.</i>	
			<i>For Work >40' Above Floor, Add</i>	0.41
			<i>Note: Applied only to work area above 40'.</i>	
			<i>For Up To 100, Add</i>	0.60
			<i>For >100 To 250, Add</i>	0.29
			<i>For >250 To 500, Add</i>	0.13
			<i>For >2,500 To 5,000, Deduct</i>	-0.05
			<i>For >5,000 To 10,000, Deduct</i>	-0.10
			<i>For >10,000 To 20,000, Deduct</i>	-0.15
			<i>For >20,000, Deduct</i>	-0.20
09 91	13 00-0164	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Smooth Wood Ceiling	1.11
			<i>For Oil Based Paint, Add</i>	0.07
			<i>For Work >15' To 20' Above Floor, Add</i>	0.13
			<i>Note: Applied only to work area above 15' to 20'.</i>	
			<i>For Work >20' To 30' Above Floor, Add</i>	0.22
			<i>Note: Applied only to work area above 20'.</i>	
			<i>For Work >30' To 40' Above Floor, Add</i>	0.35
			<i>Note: Applied only to work area above 30' to 40'.</i>	
			<i>For Work >40' Above Floor, Add</i>	0.48
			<i>Note: Applied only to work area above 40'.</i>	
			<i>For Up To 100, Add</i>	0.69
			<i>For >100 To 250, Add</i>	0.33
			<i>For >250 To 500, Add</i>	0.14
			<i>For >2,500 To 5,000, Deduct</i>	-0.06
			<i>For >5,000 To 10,000, Deduct</i>	-0.11
			<i>For >10,000 To 20,000, Deduct</i>	-0.17
			<i>For >20,000, Deduct</i>	-0.22
09 91	13 00-0165	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Smooth Wood Ceiling	1.97
			<i>For Oil Based Paint, Add</i>	0.12
			<i>For Work >15' To 20' Above Floor, Add</i>	0.22
			<i>Note: Applied only to work area above 15' to 20'.</i>	
			<i>For Work >20' To 30' Above Floor, Add</i>	0.37
			<i>Note: Applied only to work area above 20'.</i>	
			<i>For Work >30' To 40' Above Floor, Add</i>	0.60
			<i>Note: Applied only to work area above 30' to 40'.</i>	
			<i>For Work >40' Above Floor, Add</i>	0.82
			<i>Note: Applied only to work area above 40'.</i>	
			<i>For Up To 100, Add</i>	1.19
			<i>For >100 To 250, Add</i>	0.57
			<i>For >250 To 500, Add</i>	0.25
			<i>For >2,500 To 5,000, Deduct</i>	-0.10
			<i>For >5,000 To 10,000, Deduct</i>	-0.20
			<i>For >10,000 To 20,000, Deduct</i>	-0.30
			<i>For >20,000, Deduct</i>	-0.39
09 91	13 00-0166	SF	1 Coat Primer, Sprayed, Paint Exterior Smooth Wood Ceiling	0.75
			<i>For Oil Based Paint, Add</i>	0.05
			<i>For Work >15' To 20' Above Floor, Add</i>	0.08
			<i>Note: Applied only to work area above 15' to 20'.</i>	
			<i>For Work >20' To 30' Above Floor, Add</i>	0.14
			<i>Note: Applied only to work area above 20'.</i>	
			<i>For Work >30' To 40' Above Floor, Add</i>	0.22
			<i>Note: Applied only to work area above 30' to 40'.</i>	
			<i>For Work >40' Above Floor, Add</i>	0.30
			<i>Note: Applied only to work area above 40'.</i>	
			<i>For Up To 100, Add</i>	0.44
			<i>For >100 To 250, Add</i>	0.21
			<i>For >250 To 500, Add</i>	0.09
			<i>For >2,500 To 5,000, Deduct</i>	-0.04
			<i>For >5,000 To 10,000, Deduct</i>	-0.08
			<i>For >10,000 To 20,000, Deduct</i>	-0.11
			<i>For >20,000, Deduct</i>	-0.15
09 91	13 00-0167	SF	1 Coat Paint, Sprayed, Paint Exterior Smooth Wood Ceiling	0.75
			<i>For Oil Based Paint, Add</i>	0.05
			<i>For Work >15' To 20' Above Floor, Add</i>	0.08
			<i>Note: Applied only to work area above 15' to 20'.</i>	
			<i>For Work >20' To 30' Above Floor, Add</i>	0.14
			<i>Note: Applied only to work area above 20'.</i>	
			<i>For Work >30' To 40' Above Floor, Add</i>	0.22
			<i>Note: Applied only to work area above 30' to 40'.</i>	
			<i>For Work >40' Above Floor, Add</i>	0.30
			<i>Note: Applied only to work area above 40'.</i>	
			<i>For Up To 100, Add</i>	0.44
			<i>For >100 To 250, Add</i>	0.21
			<i>For >250 To 500, Add</i>	0.09
			<i>For >2,500 To 5,000, Deduct</i>	-0.04
			<i>For >5,000 To 10,000, Deduct</i>	-0.08
			<i>For >10,000 To 20,000, Deduct</i>	-0.11
			<i>For >20,000, Deduct</i>	-0.15

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 13 00-0168	SF		2 Coats Paint, Sprayed, Paint Exterior Smooth Wood Ceiling.....	1.37	
			<i>For Oil Based Paint, Add</i>	0.09	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.14	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.24	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.38	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.53	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.78	
			<i>For >100 To 250, Add</i>	0.38	
			<i>For >250 To 500, Add</i>	0.16	
			<i>For >2,500 To 5,000, Deduct</i>	-0.07	
			<i>For >5,000 To 10,000, Deduct</i>	-0.14	
			<i>For >10,000 To 20,000, Deduct</i>	-0.21	
			<i>For >20,000, Deduct</i>	-0.27	

09 91 13 00-0169 Paint Exterior Rough Wood Ceilings (09 91 13 00-0157)

09 91 13 00-0170	SF		1 Coat Primer, Brush Work, Paint Exterior Wood Rough Ceiling.....	1.90	
			<i>For Oil Based Paint, Add</i>	0.11	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.23	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.39	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.62	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.86	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.22	
			<i>For >100 To 250, Add</i>	0.58	
			<i>For >250 To 500, Add</i>	0.25	
			<i>For >2,500 To 5,000, Deduct</i>	-0.10	
			<i>For >5,000 To 10,000, Deduct</i>	-0.19	
			<i>For >10,000 To 20,000, Deduct</i>	-0.29	
			<i>For >20,000, Deduct</i>	-0.38	

09 91 13 00-0171	SF		1 Coat Paint, Brush Work, Paint Exterior Wood Rough Ceiling.....	1.95	
			<i>For Oil Based Paint, Add</i>	0.11	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.26	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.44	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.70	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.96	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.34	
			<i>For >100 To 250, Add</i>	0.63	
			<i>For >250 To 500, Add</i>	0.27	
			<i>For >2,500 To 5,000, Deduct</i>	-0.10	
			<i>For >5,000 To 10,000, Deduct</i>	-0.20	
			<i>For >10,000 To 20,000, Deduct</i>	-0.29	
			<i>For >20,000, Deduct</i>	-0.39	

09 91 13 00-0172	SF		2 Coats Paint, Brush Work, Paint Exterior Wood Rough Ceiling.....	3.39	
			<i>For Oil Based Paint, Add</i>	0.19	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.45	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.75	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	1.19	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	1.64	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	2.30	
			<i>For >100 To 250, Add</i>	1.08	
			<i>For >250 To 500, Add</i>	0.47	
			<i>For >2,500 To 5,000, Deduct</i>	-0.17	
			<i>For >5,000 To 10,000, Deduct</i>	-0.34	
			<i>For >10,000 To 20,000, Deduct</i>	-0.51	
			<i>For >20,000, Deduct</i>	-0.68	

09 91 13 00-0173	SF		1 Coat Primer, Brush/Roller Work, Paint Exterior Rough Wood Ceiling.....	1.69	
			<i>For Oil Based Paint, Add</i>	0.11	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.19	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.31	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.50	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.68	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.00	
			<i>For >100 To 250, Add</i>	0.48	
			<i>For >250 To 500, Add</i>	0.21	
			<i>For >2,500 To 5,000, Deduct</i>	-0.08	
			<i>For >5,000 To 10,000, Deduct</i>	-0.17	
			<i>For >10,000 To 20,000, Deduct</i>	-0.25	
			<i>For >20,000, Deduct</i>	-0.34	

09 Finishes

09 90 Painting and Coating

09 91 Painting

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 91 13 00-0174	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Rough Wood Ceiling.....	1.81
		For Oil Based Paint, Add	0.11
		For Work >15' To 20' Above Floor, Add	0.20
		Note: Applied only to work area above 15' to 20'.	
		For Work >20' To 30' Above Floor, Add	0.34
		Note: Applied only to work area above 20'.	
		For Work >30' To 40' Above Floor, Add	0.54
		Note: Applied only to work area above 30' to 40'.	
		For Work >40' Above Floor, Add	0.75
		Note: Applied only to work area above 40'.	
		For Up To 100, Add	1.09
		For >100 To 250, Add	0.52
		For >250 To 500, Add	0.23
		For >2,500 To 5,000, Deduct	-0.09
		For >5,000 To 10,000, Deduct	-0.18
		For >10,000 To 20,000, Deduct	-0.27
		For >20,000, Deduct	-0.36
09 91 13 00-0175	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Rough Wood Ceiling.....	3.24
		For Oil Based Paint, Add	0.21
		For Work >15' To 20' Above Floor, Add	0.35
		Note: Applied only to work area above 15' to 20'.	
		For Work >20' To 30' Above Floor, Add	0.59
		Note: Applied only to work area above 20'.	
		For Work >30' To 40' Above Floor, Add	0.94
		Note: Applied only to work area above 30' to 40'.	
		For Work >40' Above Floor, Add	1.29
		Note: Applied only to work area above 40'.	
		For Up To 100, Add	1.90
		For >100 To 250, Add	0.91
		For >250 To 500, Add	0.40
		For >2,500 To 5,000, Deduct	-0.16
		For >5,000 To 10,000, Deduct	-0.32
		For >10,000 To 20,000, Deduct	-0.49
		For >20,000, Deduct	-0.65
09 91 13 00-0176	SF	1 Coat Primer, Sprayed, Paint Exterior Rough Wood Ceiling.....	1.19
		For Oil Based Paint, Add	0.08
		For Work >15' To 20' Above Floor, Add	0.12
		Note: Applied only to work area above 15' to 20'.	
		For Work >20' To 30' Above Floor, Add	0.20
		Note: Applied only to work area above 20'.	
		For Work >30' To 40' Above Floor, Add	0.32
		Note: Applied only to work area above 30' to 40'.	
		For Work >40' Above Floor, Add	0.45
		Note: Applied only to work area above 40'.	
		For Up To 100, Add	0.66
		For >100 To 250, Add	0.32
		For >250 To 500, Add	0.14
		For >2,500 To 5,000, Deduct	-0.06
		For >5,000 To 10,000, Deduct	-0.12
		For >10,000 To 20,000, Deduct	-0.18
		For >20,000, Deduct	-0.24
09 91 13 00-0177	SF	1 Coat Paint, Sprayed, Paint Exterior Rough Wood Ceiling.....	1.33
		For Oil Based Paint, Add	0.09
		For Work >15' To 20' Above Floor, Add	0.14
		Note: Applied only to work area above 15' to 20'.	
		For Work >20' To 30' Above Floor, Add	0.24
		Note: Applied only to work area above 20'.	
		For Work >30' To 40' Above Floor, Add	0.38
		Note: Applied only to work area above 30' to 40'.	
		For Work >40' Above Floor, Add	0.52
		Note: Applied only to work area above 40'.	
		For Up To 100, Add	0.77
		For >100 To 250, Add	0.37
		For >250 To 500, Add	0.16
		For >2,500 To 5,000, Deduct	-0.07
		For >5,000 To 10,000, Deduct	-0.13
		For >10,000 To 20,000, Deduct	-0.20
		For >20,000, Deduct	-0.27
09 91 13 00-0178	SF	2 Coats Paint, Sprayed, Paint Exterior Rough Wood Ceiling.....	2.39
		For Oil Based Paint, Add	0.16
		For Work >15' To 20' Above Floor, Add	0.25
		Note: Applied only to work area above 15' to 20'.	
		For Work >20' To 30' Above Floor, Add	0.41
		Note: Applied only to work area above 20'.	
		For Work >30' To 40' Above Floor, Add	0.66
		Note: Applied only to work area above 30' to 40'.	
		For Work >40' Above Floor, Add	0.90
		Note: Applied only to work area above 40'.	
		For Up To 100, Add	1.34
		For >100 To 250, Add	0.65
		For >250 To 500, Add	0.28
		For >2,500 To 5,000, Deduct	-0.12
		For >5,000 To 10,000, Deduct	-0.24
		For >10,000 To 20,000, Deduct	-0.36
		For >20,000, Deduct	-0.48

09 91 13 00-0179 Paint Exterior Metal Ceilings (09 91 13 00-0134)

09 91 13 00-0180 Paint Exterior Galvanized Ceilings (09 91 13 00-0179)
Note: Linseed oil or acrylic latex paint.

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 13 00-0181	SF			1 Coat Primer, Brush Work, Paint Exterior Galvanized Ceiling.....	1.31	
				For Work >15' To 20' Above Floor, Add	0.15	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.25	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.40	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.54	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.79	
				For >100 To 250, Add	0.38	
				For >250 To 500, Add	0.16	
				For >2,500 To 5,000, Deduct	-0.07	
				For >5,000 To 10,000, Deduct	-0.13	
				For >10,000 To 20,000, Deduct	-0.20	
				For >20,000, Deduct	-0.26	
09 91 13 00-0182	SF			1 Coat Paint, Brush Work, Paint Exterior Galvanized Ceiling	1.43	
				For Work >15' To 20' Above Floor, Add	0.17	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.28	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.44	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.61	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.88	
				For >100 To 250, Add	0.42	
				For >250 To 500, Add	0.18	
				For >2,500 To 5,000, Deduct	-0.07	
				For >5,000 To 10,000, Deduct	-0.14	
				For >10,000 To 20,000, Deduct	-0.21	
				For >20,000, Deduct	-0.29	
09 91 13 00-0183	SF			2 Coats Paint, Brush Work, Paint Exterior Galvanized Ceiling	2.63	
				For Work >15' To 20' Above Floor, Add	0.30	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.50	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.80	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	1.09	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	1.59	
				For >100 To 250, Add	0.76	
				For >250 To 500, Add	0.33	
				For >2,500 To 5,000, Deduct	-0.13	
				For >5,000 To 10,000, Deduct	-0.26	
				For >10,000 To 20,000, Deduct	-0.39	
				For >20,000, Deduct	-0.53	
09 91 13 00-0184	SF			1 Coat Primer, Brush/Roller Work, Paint Exterior Galvanized Ceiling	1.00	
				For Work >15' To 20' Above Floor, Add	0.11	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.19	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.30	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.41	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.59	
				For >100 To 250, Add	0.29	
				For >250 To 500, Add	0.12	
				For >2,500 To 5,000, Deduct	-0.05	
				For >5,000 To 10,000, Deduct	-0.10	
				For >10,000 To 20,000, Deduct	-0.15	
				For >20,000, Deduct	-0.20	
09 91 13 00-0185	SF			1 Coat Paint, Brush/Roller Work, Paint Exterior Galvanized Ceiling	1.13	
				For Work >15' To 20' Above Floor, Add	0.13	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.22	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.35	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.48	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.69	
				For >100 To 250, Add	0.33	
				For >250 To 500, Add	0.14	
				For >2,500 To 5,000, Deduct	-0.06	
				For >5,000 To 10,000, Deduct	-0.11	
				For >10,000 To 20,000, Deduct	-0.17	
				For >20,000, Deduct	-0.23	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0186	SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Galvanized Ceiling	2.01	
	For Work >15' To 20' Above Floor, Add	0.22	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.37	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.60	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.82	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.20	
	For >100 To 250, Add	0.57	
	For >250 To 500, Add	0.25	
	For >2,500 To 5,000, Deduct	-0.10	
	For >5,000 To 10,000, Deduct	-0.20	
	For >10,000 To 20,000, Deduct	-0.30	
	For >20,000, Deduct	-0.40	
09 91 13 00-0187	SF 1 Coat Primer, Sprayed, Paint Exterior Galvanized Ceiling	0.91	
	For Work >15' To 20' Above Floor, Add	0.08	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.14	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.22	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.30	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.46	
	For >100 To 250, Add	0.23	
	For >250 To 500, Add	0.10	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.14	
	For >20,000, Deduct	-0.18	
09 91 13 00-0188	SF 1 Coat Paint, Sprayed, Paint Exterior Galvanized Ceiling	1.04	
	For Work >15' To 20' Above Floor, Add	0.10	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.17	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.27	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.37	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.56	
	For >100 To 250, Add	0.27	
	For >250 To 500, Add	0.12	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.10	
	For >10,000 To 20,000, Deduct	-0.16	
	For >20,000, Deduct	-0.21	
09 91 13 00-0189	SF 2 Coats Paint, Sprayed, Paint Exterior Galvanized Ceiling	1.70	
	For Work >15' To 20' Above Floor, Add	0.14	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.24	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.38	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.53	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.83	
	For >100 To 250, Add	0.41	
	For >250 To 500, Add	0.18	
	For >2,500 To 5,000, Deduct	-0.09	
	For >5,000 To 10,000, Deduct	-0.17	
	For >10,000 To 20,000, Deduct	-0.26	
	For >20,000, Deduct	-0.34	
09 91 13 00-0190	Paint Exterior Aluminum And Aluminum Alloy Ceilings (09 91 13 00-0179)		
	Note: Alkyd enamel paint.		
09 91 13 00-0191	SF 1 Coat Primer, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	1.31	
	For Work >15' To 20' Above Floor, Add	0.15	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.25	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.40	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.54	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.79	
	For >100 To 250, Add	0.38	
	For >250 To 500, Add	0.16	
	For >2,500 To 5,000, Deduct	-0.07	
	For >5,000 To 10,000, Deduct	-0.13	
	For >10,000 To 20,000, Deduct	-0.20	
	For >20,000, Deduct	-0.26	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 13 00-0192	SF	1	Coat Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	1.43	
			For Work >15' To 20' Above Floor, Add	0.17	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.28	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.44	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.61	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.88	
			For >100 To 250, Add	0.42	
			For >250 To 500, Add	0.18	
			For >2,500 To 5,000, Deduct	-0.07	
			For >5,000 To 10,000, Deduct	-0.14	
			For >10,000 To 20,000, Deduct	-0.21	
			For >20,000, Deduct	-0.29	
09 91 13 00-0193	SF	2	Coats Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	2.63	
			For Work >15' To 20' Above Floor, Add	0.30	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.50	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.80	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	1.09	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.59	
			For >100 To 250, Add	0.76	
			For >250 To 500, Add	0.33	
			For >2,500 To 5,000, Deduct	-0.13	
			For >5,000 To 10,000, Deduct	-0.26	
			For >10,000 To 20,000, Deduct	-0.39	
			For >20,000, Deduct	-0.53	
09 91 13 00-0194	SF	1	Coat Primer, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	1.11	
			For Work >15' To 20' Above Floor, Add	0.11	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.19	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.30	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.41	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.61	
			For >100 To 250, Add	0.30	
			For >250 To 500, Add	0.13	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.17	
			For >20,000, Deduct	-0.22	
09 91 13 00-0195	SF	1	Coat Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling.....	1.24	
			For Work >15' To 20' Above Floor, Add	0.13	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.22	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.35	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.48	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.71	
			For >100 To 250, Add	0.34	
			For >250 To 500, Add	0.15	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.12	
			For >10,000 To 20,000, Deduct	-0.19	
			For >20,000, Deduct	-0.25	
09 91 13 00-0196	SF	2	Coats Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	2.23	
			For Work >15' To 20' Above Floor, Add	0.22	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.37	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.60	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.82	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.23	
			For >100 To 250, Add	0.60	
			For >250 To 500, Add	0.26	
			For >2,500 To 5,000, Deduct	-0.11	
			For >5,000 To 10,000, Deduct	-0.22	
			For >10,000 To 20,000, Deduct	-0.33	
			For >20,000, Deduct	-0.45	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0197	SF 1 Coat Primer, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Ceiling	0.91	
	For Work >15' To 20' Above Floor, Add	0.08	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.14	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.22	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.30	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.46	
	For >100 To 250, Add	0.23	
	For >250 To 500, Add	0.10	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.14	
	For >20,000, Deduct	-0.18	
09 91 13 00-0198	SF 1 Coat Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Ceiling.....	0.91	
	For Work >15' To 20' Above Floor, Add	0.08	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.14	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.22	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.30	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.46	
	For >100 To 250, Add	0.23	
	For >250 To 500, Add	0.10	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.14	
	For >20,000, Deduct	-0.18	
09 91 13 00-0199	SF 2 Coats Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Ceiling.....	1.70	
	For Work >15' To 20' Above Floor, Add	0.14	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.24	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.38	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.53	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.83	
	For >100 To 250, Add	0.41	
	For >250 To 500, Add	0.18	
	For >2,500 To 5,000, Deduct	-0.09	
	For >5,000 To 10,000, Deduct	-0.17	
	For >10,000 To 20,000, Deduct	-0.26	
	For >20,000, Deduct	-0.34	
09 91 13 00-0200	Paint Exterior Corrugated Metal Ceilings (09 91 13 00-0179)		
09 91 13 00-0201	SF 1 Coat Primer, Sprayed, Paint Exterior Corrugated Metal Ceiling	1.01	
	For Work >15' To 20' Above Floor, Add	0.09	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.15	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.24	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.32	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.51	
	For >100 To 250, Add	0.25	
	For >250 To 500, Add	0.11	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.10	
	For >10,000 To 20,000, Deduct	-0.15	
	For >20,000, Deduct	-0.20	
09 91 13 00-0202	SF 1 Coat Paint, Sprayed, Paint Exterior Corrugated Metal Ceiling.....	1.15	
	For Work >15' To 20' Above Floor, Add	0.11	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.18	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.29	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.40	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.61	
	For >100 To 250, Add	0.30	
	For >250 To 500, Add	0.13	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.12	
	For >10,000 To 20,000, Deduct	-0.17	
	For >20,000, Deduct	-0.23	

	MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 13 00-0203	SF	2 Coats Paint, Sprayed, Paint Exterior Corrugated Metal Ceiling	2.11	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.19	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.32	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.50	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.69	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	1.07	
		<i>For >100 To 250, Add</i>	0.53	
		<i>For >250 To 500, Add</i>	0.23	
		<i>For >2,500 To 5,000, Deduct</i>	-0.11	
		<i>For >5,000 To 10,000, Deduct</i>	-0.21	
		<i>For >10,000 To 20,000, Deduct</i>	-0.32	
		<i>For >20,000, Deduct</i>	-0.42	

09 91 13 00-0204 Paint Exterior Floors (09 91 13)
09 91 13 00-0205 Paint Exterior Concrete Floors (09 91 13 00-0204)

09 91 13 00-0206	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Floors And Decks	0.14	
		<i>For Up To 100, Add</i>	0.09	
		<i>For >100 To 250, Add</i>	0.04	
		<i>For >250 To 500, Add</i>	0.02	
		<i>For >2,500 To 5,000, Deduct</i>	-0.01	
		<i>For >5,000 To 10,000, Deduct</i>	-0.01	
		<i>For >10,000 To 20,000, Deduct</i>	-0.02	
		<i>For >20,000, Deduct</i>	-0.03	
09 91 13 00-0207	SF	1 Coat Primer, Brush Work, Paint Exterior Concrete Floors And Decks	0.79	
		<i>For Oil Based Paint, Add</i>	0.05	
		<i>For Epoxy Paint, Add</i>	0.09	
		<i>For Up To 100, Add</i>	0.49	
		<i>For >100 To 250, Add</i>	0.23	
		<i>For >250 To 500, Add</i>	0.10	
		<i>For >2,500 To 5,000, Deduct</i>	-0.04	
		<i>For >5,000 To 10,000, Deduct</i>	-0.08	
		<i>For >10,000 To 20,000, Deduct</i>	-0.12	
		<i>For >20,000, Deduct</i>	-0.16	
09 91 13 00-0208	SF	1 Coat Paint, Brush Work, Paint Exterior Concrete Floors And Decks	0.88	
		<i>For Oil Based Paint, Add</i>	0.05	
		<i>For Epoxy Paint, Add</i>	0.09	
		<i>For Up To 100, Add</i>	0.58	
		<i>For >100 To 250, Add</i>	0.27	
		<i>For >250 To 500, Add</i>	0.12	
		<i>For >2,500 To 5,000, Deduct</i>	-0.04	
		<i>For >5,000 To 10,000, Deduct</i>	-0.09	
		<i>For >10,000 To 20,000, Deduct</i>	-0.13	
		<i>For >20,000, Deduct</i>	-0.18	
09 91 13 00-0209	SF	2 Coats Paint, Brush Work, Paint Exterior Concrete Floors And Decks	1.64	
		<i>For Oil Based Paint, Add</i>	0.10	
		<i>For Epoxy Paint, Add</i>	0.16	
		<i>For Up To 100, Add</i>	1.07	
		<i>For >100 To 250, Add</i>	0.51	
		<i>For >250 To 500, Add</i>	0.22	
		<i>For >2,500 To 5,000, Deduct</i>	-0.08	
		<i>For >5,000 To 10,000, Deduct</i>	-0.16	
		<i>For >10,000 To 20,000, Deduct</i>	-0.25	
		<i>For >20,000, Deduct</i>	-0.33	
09 91 13 00-0210	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	0.66	
		<i>For Oil Based Paint, Add</i>	0.04	
		<i>For Epoxy Paint, Add</i>	0.08	
		<i>For Up To 100, Add</i>	0.39	
		<i>For >100 To 250, Add</i>	0.19	
		<i>For >250 To 500, Add</i>	0.08	
		<i>For >2,500 To 5,000, Deduct</i>	-0.03	
		<i>For >5,000 To 10,000, Deduct</i>	-0.07	
		<i>For >10,000 To 20,000, Deduct</i>	-0.10	
		<i>For >20,000, Deduct</i>	-0.13	
09 91 13 00-0211	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	0.76	
		<i>For Oil Based Paint, Add</i>	0.05	
		<i>For Epoxy Paint, Add</i>	0.08	
		<i>For Up To 100, Add</i>	0.49	
		<i>For >100 To 250, Add</i>	0.23	
		<i>For >250 To 500, Add</i>	0.10	
		<i>For >2,500 To 5,000, Deduct</i>	-0.04	
		<i>For >5,000 To 10,000, Deduct</i>	-0.08	
		<i>For >10,000 To 20,000, Deduct</i>	-0.11	
		<i>For >20,000, Deduct</i>	-0.15	
09 91 13 00-0212	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	1.24	
		<i>For Oil Based Paint, Add</i>	0.08	
		<i>For Epoxy Paint, Add</i>	0.14	
		<i>For Up To 100, Add</i>	0.77	
		<i>For >100 To 250, Add</i>	0.37	
		<i>For >250 To 500, Add</i>	0.16	
		<i>For >2,500 To 5,000, Deduct</i>	-0.06	
		<i>For >5,000 To 10,000, Deduct</i>	-0.12	
		<i>For >10,000 To 20,000, Deduct</i>	-0.19	
		<i>For >20,000, Deduct</i>	-0.25	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0213	SF 1 Coat Primer, Sprayed, Paint Exterior Concrete Floors And Decks	0.49	
	For Oil Based Paint, Add	0.04	
	For Epoxy Paint, Add	0.09	
	For Up To 100, Add	0.24	
	For >100 To 250, Add	0.12	
	For >250 To 500, Add	0.05	
	For >2,500 To 5,000, Deduct	-0.02	
	For >5,000 To 10,000, Deduct	-0.05	
	For >10,000 To 20,000, Deduct	-0.07	
	For >20,000, Deduct	-0.10	
09 91 13 00-0214	SF 1 Coat Paint, Sprayed, Paint Exterior Concrete Floors And Decks.....	0.58	
	For Oil Based Paint, Add	0.04	
	For Epoxy Paint, Add	0.08	
	For Up To 100, Add	0.33	
	For >100 To 250, Add	0.16	
	For >250 To 500, Add	0.07	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.06	
	For >10,000 To 20,000, Deduct	-0.09	
	For >20,000, Deduct	-0.12	
09 91 13 00-0215	SF 2 Coats Paint, Sprayed, Paint Exterior Concrete Floors And Decks.....	1.02	
	For Oil Based Paint, Add	0.07	
	For Epoxy Paint, Add	0.15	
	For Up To 100, Add	0.56	
	For >100 To 250, Add	0.27	
	For >250 To 500, Add	0.12	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.10	
	For >10,000 To 20,000, Deduct	-0.15	
	For >20,000, Deduct	-0.20	
09 91 13 00-0216	SF 1 Coat Non Slip Paint, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	2.16	
	For Up To 100, Add	0.70	
	For >100 To 250, Add	0.37	
	For >250 To 500, Add	0.17	
	For >2,500 To 5,000, Deduct	-0.11	
	For >5,000 To 10,000, Deduct	-0.22	
	For >10,000 To 20,000, Deduct	-0.32	
	For >20,000, Deduct	-0.43	
09 91 13 00-0217	SF 1 Coat Anti-Slip Paint, Single Component Epoxy Coating, Brush/Roller Work, Paint Exterior Concrete Floors And Decks.....	5.11	
	For Up To 100, Add	1.14	
	For >100 To 250, Add	0.67	
	For >250 To 500, Add	0.32	
	For >2,500 To 5,000, Deduct	-0.26	
	For >5,000 To 10,000, Deduct	-0.51	
	For >10,000 To 20,000, Deduct	-0.77	
	For >20,000, Deduct	-1.02	
09 91 13 00-0218	SF 1 Coat Anti-Slip Paint, High Performance Epoxy Coating, Brush/Roller Work, Paint Exterior Concrete Floors And Decks.....	6.35	
	For Up To 100, Add	1.32	
	For >100 To 250, Add	0.79	
	For >250 To 500, Add	0.38	
	For >2,500 To 5,000, Deduct	-0.32	
	For >5,000 To 10,000, Deduct	-0.64	
	For >10,000 To 20,000, Deduct	-0.95	
	For >20,000, Deduct	-1.27	
09 91 13 00-0219	Paint Exterior Wood Floors <small>(09 91 13 00-0204)</small>		
09 91 13 00-0220	LF 1 Coat Paint, Cut-in Brush Work, Paint Exterior Wood Floors And Decks.....	0.17	
	For Up To 100, Add	0.11	
	For >100 To 250, Add	0.05	
	For >250 To 500, Add	0.02	
	For >2,500 To 5,000, Deduct	-0.01	
	For >5,000 To 10,000, Deduct	-0.02	
	For >10,000 To 20,000, Deduct	-0.03	
	For >20,000, Deduct	-0.03	
09 91 13 00-0221	SF 1 Coat Primer, Brush Work, Paint Exterior Wood Floors And Decks	0.99	
	For Oil Based Paint, Add	0.06	
	For Up To 100, Add	0.60	
	For >100 To 250, Add	0.29	
	For >250 To 500, Add	0.12	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.10	
	For >10,000 To 20,000, Deduct	-0.15	
	For >20,000, Deduct	-0.20	
09 91 13 00-0222	SF 1 Coat Paint, Brush Work, Paint Exterior Wood Floors And Decks	1.08	
	For Oil Based Paint, Add	0.06	
	For Up To 100, Add	0.68	
	For >100 To 250, Add	0.33	
	For >250 To 500, Add	0.14	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.11	
	For >10,000 To 20,000, Deduct	-0.16	
	For >20,000, Deduct	-0.22	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 13 00-0223	SF			2 Coats Paint, Brush Work, Paint Exterior Wood Floors And Decks.....	2.02	
				<i>For Oil Based Paint, Add</i>	0.12	
				<i>For Up To 100, Add</i>	1.27	
				<i>For >100 To 250, Add</i>	0.60	
				<i>For >250 To 500, Add</i>	0.26	
				<i>For >2,500 To 5,000, Deduct</i>	-0.10	
				<i>For >5,000 To 10,000, Deduct</i>	-0.20	
				<i>For >10,000 To 20,000, Deduct</i>	-0.30	
				<i>For >20,000, Deduct</i>	-0.40	
09 91 13 00-0224	SF			1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Floors And Decks.....	0.90	
				<i>For Oil Based Paint, Add</i>	0.06	
				<i>For Up To 100, Add</i>	0.51	
				<i>For >100 To 250, Add</i>	0.25	
				<i>For >250 To 500, Add</i>	0.11	
				<i>For >2,500 To 5,000, Deduct</i>	-0.05	
				<i>For >5,000 To 10,000, Deduct</i>	-0.09	
				<i>For >10,000 To 20,000, Deduct</i>	-0.14	
				<i>For >20,000, Deduct</i>	-0.18	
09 91 13 00-0225	SF			1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Floors And Decks	0.98	
				<i>For Oil Based Paint, Add</i>	0.06	
				<i>For Up To 100, Add</i>	0.59	
				<i>For >100 To 250, Add</i>	0.28	
				<i>For >250 To 500, Add</i>	0.12	
				<i>For >2,500 To 5,000, Deduct</i>	-0.05	
				<i>For >5,000 To 10,000, Deduct</i>	-0.10	
				<i>For >10,000 To 20,000, Deduct</i>	-0.15	
				<i>For >20,000, Deduct</i>	-0.20	
09 91 13 00-0226	SF			2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Floors And Decks	1.59	
				<i>For Oil Based Paint, Add</i>	0.10	
				<i>For Up To 100, Add</i>	0.90	
				<i>For >100 To 250, Add</i>	0.44	
				<i>For >250 To 500, Add</i>	0.19	
				<i>For >2,500 To 5,000, Deduct</i>	-0.08	
				<i>For >5,000 To 10,000, Deduct</i>	-0.16	
				<i>For >10,000 To 20,000, Deduct</i>	-0.24	
				<i>For >20,000, Deduct</i>	-0.32	
09 91 13 00-0227	SF			1 Coat Primer, Sprayed, Paint Exterior Wood Floors And Decks	0.62	
				<i>For Oil Based Paint, Add</i>	0.04	
				<i>For Up To 100, Add</i>	0.34	
				<i>For >100 To 250, Add</i>	0.16	
				<i>For >250 To 500, Add</i>	0.07	
				<i>For >2,500 To 5,000, Deduct</i>	-0.03	
				<i>For >5,000 To 10,000, Deduct</i>	-0.06	
				<i>For >10,000 To 20,000, Deduct</i>	-0.09	
				<i>For >20,000, Deduct</i>	-0.12	
09 91 13 00-0228	SF			1 Coat Paint, Sprayed, Paint Exterior Wood Floors And Decks	0.75	
				<i>For Oil Based Paint, Add</i>	0.05	
				<i>For Up To 100, Add</i>	0.44	
				<i>For >100 To 250, Add</i>	0.21	
				<i>For >250 To 500, Add</i>	0.09	
				<i>For >2,500 To 5,000, Deduct</i>	-0.04	
				<i>For >5,000 To 10,000, Deduct</i>	-0.08	
				<i>For >10,000 To 20,000, Deduct</i>	-0.11	
				<i>For >20,000, Deduct</i>	-0.15	
09 91 13 00-0229	SF			2 Coats Paint, Sprayed, Paint Exterior Wood Floors And Decks	1.23	
				<i>For Oil Based Paint, Add</i>	0.08	
				<i>For Up To 100, Add</i>	0.68	
				<i>For >100 To 250, Add</i>	0.33	
				<i>For >250 To 500, Add</i>	0.14	
				<i>For >2,500 To 5,000, Deduct</i>	-0.06	
				<i>For >5,000 To 10,000, Deduct</i>	-0.12	
				<i>For >10,000 To 20,000, Deduct</i>	-0.18	
				<i>For >20,000, Deduct</i>	-0.25	
09 91 13 00-0230	SF			1 Coat Non Slip Paint, Brush Work, Paint Exterior Wood Floors And Decks.....	2.29	
				<i>For Up To 100, Add</i>	0.79	
				<i>For >100 To 250, Add</i>	0.42	
				<i>For >250 To 500, Add</i>	0.19	
				<i>For >2,500 To 5,000, Deduct</i>	-0.11	
				<i>For >5,000 To 10,000, Deduct</i>	-0.23	
				<i>For >10,000 To 20,000, Deduct</i>	-0.34	
				<i>For >20,000, Deduct</i>	-0.46	
09 91 13 00-0231	SF			1 Coat Non Slip Epoxy Paint, Brush Work, Paint Exterior Wood Floors And Decks.....	6.48	
				<i>For Up To 100, Add</i>	1.42	
				<i>For >100 To 250, Add</i>	0.84	
				<i>For >250 To 500, Add</i>	0.40	
				<i>For >2,500 To 5,000, Deduct</i>	-0.32	
				<i>For >5,000 To 10,000, Deduct</i>	-0.65	
				<i>For >10,000 To 20,000, Deduct</i>	-0.97	
				<i>For >20,000, Deduct</i>	-1.30	

09 91 13 00-0232 Paint Exterior Doors And Windows (09 91 13)

09 91 13 00-0233 Paint Exterior Door Frames (09 91 13 00-0232)

09 91 13 00-0234	LF			1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Door Frame And Trim	1.32	
				<i>For Painting Either Interior Or Exterior Only, Deduct</i>	-0.35	
09 91 13 00-0235	LF			1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Door Frame And Trim.....	1.71	
				<i>For Painting Either Interior Or Exterior Only, Deduct</i>	-0.45	
09 91 13 00-0236	LF			2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Door Frame And Trim.....	2.88	
				<i>For Painting Either Interior Or Exterior Only, Deduct</i>	-0.75	

09 Finishes**09 90 Painting and Coating****09 91 Painting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 91 13 00-0237	LF	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Door Frame And Trim	1.35
		<i>For Painting Either Interior Or Exterior Only, Deduct</i>	-0.36
09 91 13 00-0238	LF	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door Frame And Trim	1.74
		<i>For Painting Either Interior Or Exterior Only, Deduct</i>	-0.46
09 91 13 00-0239	LF	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Door Frame And Trim	2.92
		<i>For Painting Either Interior Or Exterior Only, Deduct</i>	-0.77

09 91 13 00-0240 Paint Exterior Metal Doors (09 91 13 00-0232)

09 91 13 00-0241	EA	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Door	57.72
		Note: One face	
		<i>For Half Louvered Door, Add</i>	5.39
		<i>For Full Louvered Door, Add</i>	8.99
		<i>For Electrostatic Painting, Add</i>	9.04
		<i>For >5 To 10, Deduct</i>	-2.89
		<i>For >10 To 25, Deduct</i>	-5.77
		<i>For >25, Deduct</i>	-8.66
09 91 13 00-0242	EA	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door	57.72
		Note: One face	
		<i>For Half Louvered Door, Add</i>	5.39
		<i>For Full Louvered Door, Add</i>	8.99
		<i>For Electrostatic Painting, Add</i>	9.04
		<i>For >5 To 10, Deduct</i>	-2.89
		<i>For >10 To 25, Deduct</i>	-5.77
		<i>For >25, Deduct</i>	-8.66
09 91 13 00-0243	EA	2 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door	103.98
		Note: One face	
		<i>For Half Louvered Door, Add</i>	9.11
		<i>For Full Louvered Door, Add</i>	15.18
		<i>For Electrostatic Painting, Add</i>	16.89
		<i>For >5 To 10, Deduct</i>	-5.20
		<i>For >10 To 25, Deduct</i>	-10.40
		<i>For >25, Deduct</i>	-15.60
09 91 13 00-0244	EA	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Door	103.58
		Note: Both faces	
		<i>For Half Louvered Door, Add</i>	9.67
		<i>For Full Louvered Door, Add</i>	16.12
		<i>For Electrostatic Painting, Add</i>	16.23
		<i>For >5 To 10, Deduct</i>	-5.18
		<i>For >10 To 25, Deduct</i>	-10.36
		<i>For >25, Deduct</i>	-15.54
09 91 13 00-0245	EA	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door	103.58
		Note: Both faces	
		<i>For Half Louvered Door, Add</i>	9.67
		<i>For Full Louvered Door, Add</i>	16.12
		<i>For Electrostatic Painting, Add</i>	16.23
		<i>For >5 To 10, Deduct</i>	-5.18
		<i>For >10 To 25, Deduct</i>	-10.36
		<i>For >25, Deduct</i>	-15.54
09 91 13 00-0246	EA	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Door	187.29
		Note: Both faces	
		<i>For Half Louvered Door, Add</i>	16.36
		<i>For Full Louvered Door, Add</i>	27.26
		<i>For Electrostatic Painting, Add</i>	30.47
		<i>For >5 To 10, Deduct</i>	-9.36
		<i>For >10 To 25, Deduct</i>	-18.73
		<i>For >25, Deduct</i>	-28.09
09 91 13 00-0247	EA	1 Coat Primer, Sprayed, Paint Exterior Metal Door	50.37
		Note: One face	
		<i>For Half Louvered Door, Add</i>	3.96
		<i>For Full Louvered Door, Add</i>	6.61
		<i>For Electrostatic Painting, Add</i>	8.63
		<i>For >5 To 10, Deduct</i>	-2.52
		<i>For >10 To 25, Deduct</i>	-5.04
		<i>For >25, Deduct</i>	-7.56
09 91 13 00-0248	EA	1 Coat Paint, Sprayed, Paint Exterior Metal Door	50.37
		Note: One face	
		<i>For Half Louvered Door, Add</i>	3.96
		<i>For Full Louvered Door, Add</i>	6.61
		<i>For Electrostatic Painting, Add</i>	8.63
		<i>For >5 To 10, Deduct</i>	-2.52
		<i>For >10 To 25, Deduct</i>	-5.04
		<i>For >25, Deduct</i>	-7.56
09 91 13 00-0249	EA	2 Coats Paint, Sprayed, Paint Exterior Metal Door	92.22
		Note: One face	
		<i>For Half Louvered Door, Add</i>	6.69
		<i>For Full Louvered Door, Add</i>	11.16
		<i>For Electrostatic Painting, Add</i>	16.36
		<i>For >5 To 10, Deduct</i>	-4.61
		<i>For >10 To 25, Deduct</i>	-9.22
		<i>For >25, Deduct</i>	-13.83
09 91 13 00-0250	EA	1 Coat Primer, Sprayed, Paint Exterior Metal Door	90.41
		Note: Both faces	
		<i>For Half Louvered Door, Add</i>	7.11
		<i>For Full Louvered Door, Add</i>	11.85
		<i>For Electrostatic Painting, Add</i>	15.50
		<i>For >5 To 10, Deduct</i>	-4.52
		<i>For >10 To 25, Deduct</i>	-9.04
		<i>For >25, Deduct</i>	-13.56

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 13 00-0251	EA	1	Coat Paint, Sprayed, Paint Exterior Metal Door.....		90.41	
			Note: Both faces			
			For Half Louvered Door, Add		7.11	
			For Full Louvered Door, Add		11.85	
			For Electrostatic Painting, Add		15.50	
			For >5 To 10, Deduct		-4.52	
			For >10 To 25, Deduct		-9.04	
			For >25, Deduct		-13.56	
09 91 13 00-0252	EA	2	Coats Paint, Sprayed, Paint Exterior Metal Door.....		166.24	
			Note: Both faces			
			For Half Louvered Door, Add		12.03	
			For Full Louvered Door, Add		20.04	
			For Electrostatic Painting, Add		29.53	
			For >5 To 10, Deduct		-8.31	
			For >10 To 25, Deduct		-16.62	
			For >25, Deduct		-24.94	
09 91 13 00-0253	SF	1	Coat Primer, Brush/Roller Work, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door.....		2.83	
			For Electrostatic Painting, Add		0.34	
09 91 13 00-0254	SF	1	Coat Paint, Brush/Roller Work, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door.....		2.97	
			For Electrostatic Painting, Add		0.37	
09 91 13 00-0255	SF	2	Coats Paint, Brush/Roller Work, Paint Exterior Metal Overhead, Section Door, Or Roll Up Door.....		6.09	
			For Electrostatic Painting, Add		0.75	
09 91 13 00-0256	SF	1	Coat Primer, Sprayed, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door.....		2.85	
			For Electrostatic Painting, Add		0.34	
09 91 13 00-0257	SF	1	Coat Paint, Sprayed, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door.....		2.99	
			For Electrostatic Painting, Add		0.38	
09 91 13 00-0258	SF	2	Coats Paint, Sprayed, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door.....		5.80	
			For Electrostatic Painting, Add		0.73	

09 91 13 00-0259 Paint Exterior Wood Doors (09 91 13 00-0232)

09 91 13 00-0260	EA	1	Coat Primer, Brush/Roller Work, Paint Exterior Wood Door.....		52.14	
			Note: One face			
			For Half Louvered Door, Add		5.39	
			For Full Louvered Door, Add		8.99	
			For >5 To 10, Deduct		-2.61	
			For >10 To 25, Deduct		-5.21	
			For >25, Deduct		-7.82	
09 91 13 00-0261	EA	1	Coat Paint, Brush/Roller Work, Paint Exterior Wood Door.....		52.14	
			Note: One face			
			For Half Louvered Door, Add		5.39	
			For Full Louvered Door, Add		8.99	
			For >5 To 10, Deduct		-2.61	
			For >10 To 25, Deduct		-5.21	
			For >25, Deduct		-7.82	
09 91 13 00-0262	EA	2	Coats Paint, Brush/Roller Work, Paint Exterior Wood Door.....		92.90	
			Note: One face			
			For Half Louvered Door, Add		9.11	
			For Full Louvered Door, Add		15.18	
			For >5 To 10, Deduct		-4.65	
			For >10 To 25, Deduct		-9.29	
			For >25, Deduct		-13.94	
09 91 13 00-0263	EA	1	Coat Primer, Brush/Roller Work, Paint Exterior Wood Door.....		93.56	
			Note: Both faces			
			For Half Louvered Door, Add		9.67	
			For Full Louvered Door, Add		16.12	
			For >5 To 10, Deduct		-4.68	
			For >10 To 25, Deduct		-9.36	
			For >25, Deduct		-14.03	
09 91 13 00-0264	EA	1	Coat Paint, Brush/Roller Work, Paint Exterior Wood Door.....		93.56	
			Note: Both faces			
			For Half Louvered Door, Add		9.67	
			For Full Louvered Door, Add		16.12	
			For >5 To 10, Deduct		-4.68	
			For >10 To 25, Deduct		-9.36	
			For >25, Deduct		-14.03	
09 91 13 00-0265	EA	2	Coats Paint, Brush Roller Work, Paint Exterior Wood Door.....		167.25	
			Note: Both faces			
			For Half Louvered Door, Add		16.36	
			For Full Louvered Door, Add		27.26	
			For >5 To 10, Deduct		-8.36	
			For >10 To 25, Deduct		-16.73	
			For >25, Deduct		-25.09	
09 91 13 00-0266	EA	1	Coat Primer, Sprayed, Paint Exterior Wood Door.....		44.23	
			Note: One face			
			For Half Louvered Door, Add		3.96	
			For Full Louvered Door, Add		6.61	
			For >5 To 10, Deduct		-2.21	
			For >10 To 25, Deduct		-4.42	
			For >25, Deduct		-6.63	
09 91 13 00-0267	EA	1	Coat Paint, Sprayed, Paint Exterior Wood Door.....		44.23	
			Note: One face			
			For Half Louvered Door, Add		3.96	
			For Full Louvered Door, Add		6.61	
			For >5 To 10, Deduct		-2.21	
			For >10 To 25, Deduct		-4.42	
			For >25, Deduct		-6.63	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0268	EA 2 Coats Paint, Sprayed, Paint Exterior Wood Door Note: One face For Half Louvered Door, Add For Full Louvered Door, Add For >5 To 10, Deduct For >10 To 25, Deduct For >25, Deduct	80.05 6.70 11.16 -4.00 -8.01 -12.01	
09 91 13 00-0269	EA 1 Coat Primer, Sprayed, Paint Exterior Wood Door Note: Both faces For Half Louvered Door, Add For Full Louvered Door, Add For >5 To 10, Deduct For >10 To 25, Deduct For >25, Deduct	79.39 7.11 11.85 -3.97 -7.94 -11.91	
09 91 13 00-0270	EA 1 Coat Paint, Sprayed, Paint Exterior Wood Door Note: Both faces For Half Louvered Door, Add For Full Louvered Door, Add For >5 To 10, Deduct For >10 To 25, Deduct For >25, Deduct	79.39 7.11 11.85 -3.97 -7.94 -11.91	
09 91 13 00-0271	EA 2 Coats Paint, Sprayed, Paint Exterior Wood Door Note: Both faces For Half Louvered Door, Add For Full Louvered Door, Add For >5 To 10, Deduct For >10 To 25, Deduct For >25, Deduct	144.19 12.03 20.04 -7.21 -14.42 -21.63	
09 91 13 00-0272	SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	2.75	
09 91 13 00-0273	SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	2.84	
09 91 13 00-0274	SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	5.85	
09 91 13 00-0275	SF 1 Coat Primer, Sprayed, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	2.75	
09 91 13 00-0276	SF 1 Coat Paint, Sprayed, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	2.86	
09 91 13 00-0277	SF 2 Coats Paint, Sprayed, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	5.55	
09 91 13 00-0278 Paint Exterior Metal Windows (09 91 13 00-0232)			
Note: Two finish coats paint over rust inhibitive primer.			
09 91 13 00-0279	EA Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim For Electrostatic Painting, Add For >5 To 10, Deduct For >10 To 25, Deduct For >25, Deduct	95.04 11.67 -4.75 -9.50 -14.26	
09 91 13 00-0280	EA >8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim For Electrostatic Painting, Add For >5 To 10, Deduct For >10 To 25, Deduct For >25, Deduct	115.31 14.88 -5.77 -11.53 -17.30	
09 91 13 00-0281	EA >14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim For Electrostatic Painting, Add For >5 To 10, Deduct For >10 To 25, Deduct For >25, Deduct	155.70 20.33 -7.79 -15.57 -23.36	
09 91 13 00-0282	EA >20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim For Electrostatic Painting, Add For >5 To 10, Deduct For >10 To 25, Deduct For >25, Deduct	175.35 22.92 -8.77 -17.54 -26.30	
09 91 13 00-0283	EA >26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim For Electrostatic Painting, Add For >5 To 10, Deduct For >10 To 25, Deduct For >25, Deduct	194.42 25.36 -9.72 -19.44 -29.16	
09 91 13 00-0284	SF >34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim For Electrostatic Painting, Add	6.16 0.80	
09 91 13 00-0285 Paint Exterior Wood Windows (09 91 13 00-0232)			
Note: Two finish coats paint over primer.			
09 91 13 00-0286	EA Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim For >5 To 10, Deduct For >10 To 25, Deduct For >25, Deduct	91.33 -4.57 -9.13 -13.70	
09 91 13 00-0287	EA >8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim For >5 To 10, Deduct For >10 To 25, Deduct For >25, Deduct	109.58 -5.48 -10.96 -16.44	
09 91 13 00-0288	EA >14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim For >5 To 10, Deduct For >10 To 25, Deduct For >25, Deduct	147.57 -7.38 -14.76 -22.14	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 13 00-0289	EA	>20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim			166.16	
		<i>For >5 To 10, Deduct</i>			-8.31	
		<i>For >10 To 25, Deduct</i>			-16.62	
		<i>For >25, Deduct</i>			-24.92	
09 91 13 00-0290	EA	>26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim			184.31	
		<i>For >5 To 10, Deduct</i>			-9.22	
		<i>For >10 To 25, Deduct</i>			-18.43	
		<i>For >25, Deduct</i>			-27.65	
09 91 13 00-0291	SF	>34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim			6.16	
09 91 13 00-0292 Paint Exterior Security Screens (09 91 13 00-0232)						
09 91 13 00-0293	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Security Screen			1.60	
		<i>For Electrostatic Painting, Add</i>			0.21	
09 91 13 00-0294	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Security Screen			1.63	
		<i>For Electrostatic Painting, Add</i>			0.20	
09 91 13 00-0295	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Security Screen			2.70	
		<i>For Electrostatic Painting, Add</i>			0.33	
09 91 13 00-0296 Paint Exterior Window Guards (09 91 13 00-0232)						
09 91 13 00-0297	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Window Guards			1.60	
09 91 13 00-0298	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Window Guards			1.63	
09 91 13 00-0299	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Window Guards			2.70	
09 91 13 00-0300 Paint Exterior Window Trim (09 91 13 00-0232)						
09 91 13 00-0301	LF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Window Frame And Trim			1.43	
09 91 13 00-0302	LF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Window Frame And Trim			1.43	
09 91 13 00-0303	LF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Window Frame And Trim			2.29	
09 91 13 00-0304	LF	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Window Frame And Trim			1.67	
09 91 13 00-0305	LF	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Window Frame And Trim			1.67	
09 91 13 00-0306	LF	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Window Frame And Trim			2.78	
09 91 13 00-0307 Paint Exterior Roofing And Trim (09 91 13)						
09 91 13 00-0308 Paint Stain Or Seal Wood Roofing (09 91 13 00-0307)						
09 91 13 00-0309	SF	1 Coat Paint, Brush/Roller Work, Stain And Seal Shingles/Shake			2.00	
		<i>For Up To 100, Add</i>			1.07	
		<i>For >100 To 250, Add</i>			0.52	
		<i>For >250 To 500, Add</i>			0.23	
09 91 13 00-0310	SF	2 Coats Stain, Brush/Roller Work, Stain And Seal Shingles/Shake			3.66	
		<i>For Up To 100, Add</i>			1.92	
		<i>For >100 To 250, Add</i>			0.94	
		<i>For >250 To 500, Add</i>			0.41	
09 91 13 00-0311 Paint Metal Roofing (09 91 13 00-0307)						
09 91 13 00-0312	SF	1 Coat Paint, Brush/Roller Work, Paint Metal Roofing			0.92	
		<i>For Up To 100, Add</i>			0.44	
		<i>For >100 To 250, Add</i>			0.22	
		<i>For >250 To 500, Add</i>			0.10	
09 91 13 00-0313	SF	2 Coats Paint, Brush/Roller Work, Paint Metal Roofing			1.61	
		<i>For Up To 100, Add</i>			0.79	
		<i>For >100 To 250, Add</i>			0.39	
		<i>For >250 To 500, Add</i>			0.17	
09 91 13 00-0314 Paint Fascia Board (09 91 13 00-0307)						
09 91 13 00-0315	LF	1 Coat Primer, Brush/Roller Work, Paint Fascia Board			0.82	
		<i>For Up To 100, Add</i>			0.43	
		<i>For >100 To 250, Add</i>			0.21	
		<i>For >250 To 500, Add</i>			0.09	
09 91 13 00-0316	LF	1 Coat Paint, Brush/Roller Work, Paint Fascia Board			0.82	
		<i>For Up To 100, Add</i>			0.43	
		<i>For >100 To 250, Add</i>			0.21	
		<i>For >250 To 500, Add</i>			0.09	
09 91 13 00-0317	LF	2 Coats Paint, Brush/Roller Work, Paint Fascia Board			1.43	
		<i>For Up To 100, Add</i>			0.77	
		<i>For >100 To 250, Add</i>			0.37	
		<i>For >250 To 500, Add</i>			0.16	
09 91 13 00-0318 Paint Soffit (09 91 13 00-0307)						
09 91 13 00-0319	SF	1 Coat Primer, Brush/Roller Work, Paint Soffit			0.96	
		<i>For Up To 100, Add</i>			0.45	
		<i>For >100 To 250, Add</i>			0.22	
		<i>For >250 To 500, Add</i>			0.10	
09 91 13 00-0320	SF	1 Coat Paint, Brush/Roller Work, Paint Soffit			0.96	
		<i>For Up To 100, Add</i>			0.45	
		<i>For >100 To 250, Add</i>			0.22	
		<i>For >250 To 500, Add</i>			0.10	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0321	SF 2 Coats Paint, Brush/Roller Work, Paint Soffit.....	1.63	
	<i>For Up To 100, Add</i>	0.79	
	<i>For >100 To 250, Add</i>	0.39	
	<i>For >250 To 500, Add</i>	0.17	
09 91 13 00-0322	Paint Metal Surfaces (09 91 13) Note: Tasks can be used for exterior or interior applications.		
09 91 13 00-0323	Paint Structural Steel (09 91 13 00-0322)		
09 91 13 00-0324	Paint Structural Steel, Brush Work (09 91 13 00-0323)		
09 91 13 00-0325	SF 1 Field Coat Primer, Brush/Roller Work, Paint Exterior Structural Steel.....	1.11	
	<i>For Up To 100, Add</i>	0.71	
	<i>For >100 To 250, Add</i>	0.34	
	<i>For >250 To 500, Add</i>	0.15	
	<i>For Epoxy Paint, Add</i>	0.12	
09 91 13 00-0326	SF 1 Field Coat Paint, Brush/Roller Work, Paint Exterior Structural Steel.....	0.97	
	<i>For Up To 100, Add</i>	0.60	
	<i>For >100 To 250, Add</i>	0.29	
	<i>For >250 To 500, Add</i>	0.12	
	<i>For Epoxy Paint, Add</i>	0.11	
09 91 13 00-0327	Paint Structural Steel, Spray Work (09 91 13 00-0323)		
09 91 13 00-0328	SF 1 Field Coat Primer, Sprayed, Paint Exterior Structural Steel.....	0.77	
	<i>For Electrostatic Painting, Add</i>	0.11	
	<i>For Up To 100, Add</i>	0.45	
	<i>For >100 To 250, Add</i>	0.22	
	<i>For >250 To 500, Add</i>	0.09	
	<i>For Epoxy Paint, Add</i>	0.10	
09 91 13 00-0329	SF 1 Field Coat Paint, Sprayed, Paint Exterior Structural Steel.....	0.64	
	<i>For Electrostatic Painting, Add</i>	0.10	
	<i>For Up To 100, Add</i>	0.35	
	<i>For >100 To 250, Add</i>	0.17	
	<i>For >250 To 500, Add</i>	0.08	
	<i>For Epoxy Paint, Add</i>	0.10	
09 91 13 00-0330	Paint Metal Decking, Beams And Bar Joist (09 91 13 00-0323)		
09 91 13 00-0331	SF 1 Coat Primer, Sprayed, Paint Exposed Metal Decking.....	0.87	
	<i>For Up To 100, Add</i>	0.53	
	<i>For >100 To 250, Add</i>	0.25	
	<i>For >250 To 500, Add</i>	0.11	
	<i>For Epoxy Paint, Add</i>	0.11	
09 91 13 00-0332	SF 1 Coat Paint, Sprayed, Paint Exposed Metal Decking.....	0.87	
	<i>For Up To 100, Add</i>	0.53	
	<i>For >100 To 250, Add</i>	0.25	
	<i>For >250 To 500, Add</i>	0.11	
	<i>For Epoxy Paint, Add</i>	0.11	
09 91 13 00-0333	SF 2 Coats Paint, Sprayed, Paint Exposed Metal Decking.....	1.46	
	<i>For Up To 100, Add</i>	0.84	
	<i>For >100 To 250, Add</i>	0.41	
	<i>For >250 To 500, Add</i>	0.18	
	<i>For Epoxy Paint, Add</i>	0.20	
09 91 13 00-0334	SF 1 Coat Primer, Brush/Roller Work, Paint Metal Beams And Bar Joists.....	1.35	
	<i>For Up To 100, Add</i>	0.77	
	<i>For >100 To 250, Add</i>	0.37	
	<i>For >250 To 500, Add</i>	0.16	
	<i>For Epoxy Paint, Add</i>	0.19	
09 91 13 00-0335	SF 1 Coat Paint, Brush/Roller Work, Paint Metal Beams And Bar Joists.....	1.32	
	<i>For Up To 100, Add</i>	0.77	
	<i>For >100 To 250, Add</i>	0.37	
	<i>For >250 To 500, Add</i>	0.16	
	<i>For Epoxy Paint, Add</i>	0.17	
09 91 13 00-0336	SF 2 Coats Paint, Brush/Roller Work, Paint Metal Beams And Bar Joists.....	2.50	
	<i>For Up To 100, Add</i>	1.44	
	<i>For >100 To 250, Add</i>	0.70	
	<i>For >250 To 500, Add</i>	0.30	
	<i>For Epoxy Paint, Add</i>	0.34	
09 91 13 00-0337	SF 1 Coat Primer, Sprayed, Paint Metal Beams And Bar Joists.....	1.07	
	<i>For Up To 100, Add</i>	0.62	
	<i>For >100 To 250, Add</i>	0.30	
	<i>For >250 To 500, Add</i>	0.13	
	<i>For Epoxy Paint, Add</i>	0.15	
09 91 13 00-0338	SF 1 Coat Paint, Sprayed, Paint Metal Beams And Bar Joists.....	1.07	
	<i>For Up To 100, Add</i>	0.62	
	<i>For >100 To 250, Add</i>	0.30	
	<i>For >250 To 500, Add</i>	0.13	
	<i>For Epoxy Paint, Add</i>	0.15	
09 91 13 00-0339	SF 2 Coats Paint, Sprayed, Paint Metal Beams And Bar Joists.....	1.80	
	<i>For Up To 100, Add</i>	0.98	
	<i>For >100 To 250, Add</i>	0.48	
	<i>For >250 To 500, Add</i>	0.21	
	<i>For Epoxy Paint, Add</i>	0.27	
09 91 13 00-0340	Paint Steel Pipes (09 91 13 00-0322) Note: Includes pipe, tubes, rails, conduit, etc.		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 13 00-0341	LF			1 Coat Primer, 1/2" To 1-1/2" Diameter, Paint Conduit Or Steel Pipe.....	1.87	
				<i>For Electrostatic Painting, Add</i>	0.24	
				<i>For Epoxy Paint, Add</i>	0.19	
09 91 13 00-0342	LF			1 Coat Primer, 2" To 3-1/2" Diameter, Paint Conduit Or Steel Pipe.....	2.09	
				<i>For Electrostatic Painting, Add</i>	0.26	
				<i>For Epoxy Paint, Add</i>	0.22	
09 91 13 00-0343	LF			1 Coat Primer, 4" Diameter, Paint Steel Pipes.....	2.35	
				<i>For Electrostatic Painting, Add</i>	0.30	
				<i>For Epoxy Paint, Add</i>	0.24	
09 91 13 00-0344	LF			1 Coat Primer, 6" To 8" Diameter, Paint Steel Pipes.....	2.95	
				<i>For Electrostatic Painting, Add</i>	0.37	
				<i>For Epoxy Paint, Add</i>	0.30	
09 91 13 00-0345	LF			1 Coat Primer, 10" To 12" Diameter, Paint Steel Pipes.....	3.73	
				<i>For Electrostatic Painting, Add</i>	0.47	
				<i>For Epoxy Paint, Add</i>	0.38	
09 91 13 00-0346	LF			1 Coat Paint, 1/2" To 1-1/2" Diameter, Paint Conduit Or Steel Pipe.....	1.87	
				<i>For Electrostatic Painting, Add</i>	0.24	
				<i>For Epoxy Paint, Add</i>	0.19	
09 91 13 00-0347	LF			1 Coat Paint, 2" To 3-1/2" Diameter, Paint Conduit Or Steel Pipe.....	2.09	
				<i>For Electrostatic Painting, Add</i>	0.26	
				<i>For Epoxy Paint, Add</i>	0.22	
09 91 13 00-0348	LF			1 Coat Paint, 4" Diameter, Paint Steel Pipes.....	2.35	
				<i>For Electrostatic Painting, Add</i>	0.30	
				<i>For Epoxy Paint, Add</i>	0.24	
09 91 13 00-0349	LF			1 Coat Paint, 6" To 8" Diameter, Paint Steel Pipes.....	2.95	
				<i>For Electrostatic Painting, Add</i>	0.37	
				<i>For Epoxy Paint, Add</i>	0.30	
09 91 13 00-0350	LF			1 Coat Paint, 10" To 12" Diameter, Paint Steel Pipes.....	3.73	
				<i>For Electrostatic Painting, Add</i>	0.47	
				<i>For Epoxy Paint, Add</i>	0.38	
09 91 13 00-0351	LF			2 Coats Paint, 1/2" To 1-1/2" Diameter, Paint Conduit Or Steel Pipe.....	3.78	
				<i>For Electrostatic Painting, Add</i>	0.50	
				<i>For Epoxy Paint, Add</i>	0.44	
09 91 13 00-0352	LF			2 Coats Paint, 2" To 3-1/2" Diameter, Paint Conduit Or Steel Pipe.....	4.18	
				<i>For Electrostatic Painting, Add</i>	0.53	
				<i>For Epoxy Paint, Add</i>	0.43	
09 91 13 00-0353	LF			2 Coats Paint, 4" Diameter, Paint Steel Pipes.....	4.52	
				<i>For Electrostatic Painting, Add</i>	0.58	
				<i>For Epoxy Paint, Add</i>	0.48	
09 91 13 00-0354	LF			2 Coats Paint, 6" To 8" Diameter, Paint Steel Pipes.....	5.71	
				<i>For Electrostatic Painting, Add</i>	0.72	
				<i>For Epoxy Paint, Add</i>	0.59	
09 91 13 00-0355	LF			2 Coats Paint, 10" To 12" Diameter, Paint Steel Pipes.....	7.03	
				<i>For Electrostatic Painting, Add</i>	0.90	
				<i>For Epoxy Paint, Add</i>	0.74	
09 91 13 00-0356	EA			1 Coat Paint, Paint Exposed Single Or Double Gang Outlet Box.....	9.24	
				<i>For Electrostatic Painting, Add</i>	0.97	
				<i>For Epoxy Paint, Add</i>	0.56	
09 91 13 00-0357	Paint Metal Louvers <small>(09 91 13 00-0322)</small>					
09 91 13 00-0358	SF			1 Coat Primer, Brush/Roller Work, Paint Ventilation Louver, SF Of Opening Area.....	1.53	
				<i>For Electrostatic Painting, Add</i>	0.18	
09 91 13 00-0359	SF			1 Coat Alkyd Paint, Brush/Roller Work, Paint Ventilation Louver, SF Of Opening Area.....	1.55	
				<i>For Electrostatic Painting, Add</i>	0.19	
09 91 13 00-0360	SF			2 Coats Alkyd Paint, Brush/Roller Work, Paint Ventilation Louver, SF Of Opening Area.....	3.19	
				<i>For Electrostatic Painting, Add</i>	0.39	
09 91 13 00-0361	Paint Ladders <small>(09 91 13 00-0322)</small>					
09 91 13 00-0362	LF			1 Coat Alkyd Primer, Brush/Roller Work, Paint Ladders.....	4.20	
				<i>For Epoxy Paint, Add</i>	0.26	
09 91 13 00-0363	LF			1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Ladders.....	4.70	
				<i>For Epoxy Paint, Add</i>	0.28	
09 91 13 00-0364	LF			2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Ladders.....	9.25	
				<i>For Epoxy Paint, Add</i>	0.53	
09 91 13 00-0365	Paint Handrails <small>(09 91 13 00-0322)</small>					
09 91 13 00-0366	LF			1 Coat Alkyd Primer, Brush/Roller Work, 1 Rail, Paint Hand Rail And Bracket.....	1.68	
				<i>For Epoxy Paint, Add</i>	0.13	
09 91 13 00-0367	LF			1 Coat Alkyd Enamel Paint, Brush/Roller Work, 1 Rail, Paint Hand Rail And Bracket.....	1.86	
				<i>For Epoxy Paint, Add</i>	0.14	
09 91 13 00-0368	LF			2 Coats Alkyd Enamel Paint, Brush/Roller Work, 1 Rail, Paint Hand Rail And Bracket.....	3.06	
				<i>For Epoxy Paint, Add</i>	0.20	
09 91 13 00-0369	LF			1 Coat Alkyd Primer, Brush/Roller Work, 1 Rail, Paint Pipe Rail And Pickets.....	3.05	
				<i>For Epoxy Paint, Add</i>	0.37	
09 91 13 00-0370	LF			1 Coat Alkyd Enamel Paint, Brush/Roller Work, 1 Rail, Paint Pipe Rail And Pickets.....	3.33	
				<i>For Epoxy Paint, Add</i>	0.39	
09 91 13 00-0371	LF			2 Coats Alkyd Enamel Paint, Brush/Roller Work, 1 Rail, Paint Pipe Rail And Pickets.....	5.71	
				<i>For Epoxy Paint, Add</i>	0.62	
09 91 13 00-0372	LF			1 Coat Alkyd Primer, Brush/Roller Work, 2 Rails, Paint Pipe Rail And Pickets.....	3.28	
				<i>For Epoxy Paint, Add</i>	0.39	
09 91 13 00-0373	LF			1 Coat Alkyd Enamel Paint, Brush/Roller Work, 2 Rails, Paint Pipe Rail And Pickets.....	3.59	
				<i>For Epoxy Paint, Add</i>	0.40	
09 91 13 00-0374	LF			2 Coats Alkyd Enamel Paint, Brush/Roller Work, 2 Rails, Paint Pipe Rail And Pickets.....	6.06	
				<i>For Epoxy Paint, Add</i>	0.64	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
09 91 13 00-0375	LF	1 Coat Alkyd Primer, Brush/Roller Work, Paint Balustrades	1.83		
		<i>For Epoxy Paint, Add</i>	0.20		
09 91 13 00-0376	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Balustrades	2.01		
		<i>For Epoxy Paint, Add</i>	0.21		
09 91 13 00-0377	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Balustrades	3.68		
		<i>For Epoxy Paint, Add</i>	0.41		
09 91 13 00-0378		Paint Grating (09 91 13 00-0322)			
09 91 13 00-0379	SF	1 Coat Primer, Brush/Roller Work, Paint Gratings And Frames	3.06		
		<i>For Epoxy Paint, Add</i>	0.20		
09 91 13 00-0380	SF	1 Coat Paint, Brush/Roller Work, Paint Gratings And Frames	3.11		
		<i>For Epoxy Paint, Add</i>	0.22		
09 91 13 00-0381	SF	2 Coats Paint, Brush/Roller Work, Paint Gratings And Frames	4.66		
		<i>For Epoxy Paint, Add</i>	0.36		
09 91 13 00-0382		Equipment And Tanks (09 91 13 00-0322)			
09 91 13 00-0383		Paint Valves (09 91 13 00-0382)			
		Note: Includes 1 coat primer and 1 coat paint finish			
09 91 13 00-0384	EA	Prime And Paint 4" And Smaller Valve	31.64		
09 91 13 00-0385	EA	Prime And Paint 6" To 10" Valve	38.77		
09 91 13 00-0386	EA	Prime And Paint 12" To 18" Valve	51.02		
09 91 13 00-0387	EA	Prime And Paint 20" To 24" Valve	68.36		
09 91 13 00-0388	EA	Prime And Paint >24" To 36" Valve	92.85		
09 91 13 00-0389	EA	Prime And Paint >36" To 48" Valve	126.53		
09 91 13 00-0390		Paint Pumps And Motors (09 91 13 00-0382)			
		Note: Includes 1 coat primer and 1 coat paint finish			
09 91 13 00-0391	EA	Prime And Paint Pump Under 1 HP	96.95		
09 91 13 00-0392	EA	Prime And Paint Pump, 1 HP To 5 HP	127.56		
09 91 13 00-0393	EA	Prime And Paint Pump, >5 HP To 10 HP	153.09		
09 91 13 00-0394	EA	Prime And Paint Pump, >10 HP To 20 HP	171.47		
09 91 13 00-0395	EA	Prime And Paint Pump, >20 HP To 30 HP	200.05		
09 91 13 00-0396	EA	Prime And Paint Pump, >30 HP To 50 HP	228.62		
09 91 13 00-0397	EA	Prime And Paint Pump, >50 HP To 75 HP	252.11		
09 91 13 00-0398	EA	Prime And Paint Pump, >75 HP	285.78		
09 91 13 00-0399		Paint Storage Tanks (09 91 13 00-0382)			
09 91 13 00-0400	SF	1 Coat Primer, Roller, Paint Storage Tank, Exterior Surface	1.21		
09 91 13 00-0401	SF	1 Coat Paint, Roller, Paint Storage Tank, Exterior Surface	1.59		
09 91 13 00-0402	SF	2 Coats Paint, Roller, Paint Storage Tank, Exterior Surface	3.04		
09 91 13 00-0403	SF	1 Coat Primer, Roller, Paint Storage Tank, Interior Surface	1.65		
09 91 13 00-0404	SF	1 Coat Paint, Roller, Paint Storage Tank, Interior Surface	2.07		
09 91 13 00-0405	SF	2 Coats Paint, Roller, Paint Storage Tank, Interior Surface	3.99		
09 91 13 00-0406	SF	1 Coat Primer, Sprayed, Paint Storage Tank, Exterior Surface	1.22		
09 91 13 00-0407	SF	1 Coat Paint, Sprayed, Paint Storage Tank, Exterior Surface	1.49		
09 91 13 00-0408	SF	2 Coats Paint, Sprayed, Paint Storage Tank, Exterior Surface	2.90		
09 91 13 00-0409	SF	1 Coat Primer, Sprayed, Paint Storage Tank, Interior Surface	1.40		
09 91 13 00-0410	SF	1 Coat Paint, Sprayed, Paint Storage Tank, Interior Surface	1.84		
09 91 13 00-0411	SF	2 Coats Paint, Sprayed, Paint Storage Tank, Interior Surface	3.56		
09 91 13 00-0412		Other Site Work Painting (09 91 13)			
09 91 13 00-0413		Paint Fencing (09 91 13 00-0412)			
		Note: Per side of fence. Based on gross fence area (length of fence x height of fence).			
09 91 13 00-0414	SF	1 Coat Paint, Brush/Roller, Paint Existing Chain Link Fence	0.93		
		<i>For Epoxy Paint, Add</i>	0.10		
		<i>For Up To 100, Add</i>	0.59		
		<i>For >100 To 250, Add</i>	0.28		
		<i>For >250 To 500, Add</i>	0.12		
09 91 13 00-0415	SF	2 Coats Paint, Brush/Roller, Paint Existing Chain Link Fence	1.75		
		<i>For Epoxy Paint, Add</i>	0.20		
		<i>For Up To 100, Add</i>	1.09		
		<i>For >100 To 250, Add</i>	0.52		
		<i>For >250 To 500, Add</i>	0.23		
09 91 13 00-0416	SF	1 Coat Paint, Sprayed, Paint Existing Chain Link Fence	0.77		
		<i>For Epoxy Paint, Add</i>	0.11		
		<i>For Electrostatic Painting, Add</i>	0.11		
		<i>For Up To 100, Add</i>	0.44		
		<i>For >100 To 250, Add</i>	0.21		
		<i>For >250 To 500, Add</i>	0.09		
09 91 13 00-0417	SF	2 Coats Paint, Sprayed, Paint Existing Chain Link Fence	1.46		
		<i>For Epoxy Paint, Add</i>	0.21		
		<i>For Electrostatic Painting, Add</i>	0.22		
		<i>For Up To 100, Add</i>	0.82		
		<i>For >100 To 250, Add</i>	0.40		
		<i>For >250 To 500, Add</i>	0.17		
09 91 13 00-0418	SF	1 Coat Primer, Brush/Roller, Paint Wrought Iron Fence	0.85		
		<i>For Epoxy Paint, Add</i>	0.11		
		<i>For Up To 100, Add</i>	0.50		
		<i>For >100 To 250, Add</i>	0.24		
		<i>For >250 To 500, Add</i>	0.10		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 13 00-0419	SF	1	Coat Paint, Brush/Roller, Paint Wrought Iron Fence.....		0.80	
			<i>For Epoxy Paint, Add</i>		0.09	
			<i>For Up To 100, Add</i>		0.49	
			<i>For >100 To 250, Add</i>		0.24	
			<i>For >250 To 500, Add</i>		0.10	
09 91 13 00-0420	SF	Each Additional Coat, Brush/Roller, Paint Wrought Iron Fence.....			0.57	
		<i>For Epoxy Paint, Add</i>			0.08	
		<i>For Up To 100, Add</i>			0.32	
		<i>For >100 To 250, Add</i>			0.15	
		<i>For >250 To 500, Add</i>			0.07	
09 91 13 00-0421	SF	1 Coat Primer, Brush/Roller, Paint Picket Fence.....			1.09	
		<i>For Epoxy Paint, Add</i>			0.08	
		<i>For Up To 100, Add</i>			0.76	
		<i>For >100 To 250, Add</i>			0.36	
		<i>For >250 To 500, Add</i>			0.15	
09 91 13 00-0422	SF	1 Coat Paint, Brush/Roller, Paint Picket Fence.....			1.09	
		<i>For Epoxy Paint, Add</i>			0.08	
		<i>For Up To 100, Add</i>			0.76	
		<i>For >100 To 250, Add</i>			0.36	
		<i>For >250 To 500, Add</i>			0.15	
09 91 13 00-0423	SF	Each Additional Coat, Brush/Roller, Paint Picket Fence.....			0.77	
		<i>For Epoxy Paint, Add</i>			0.07	
		<i>For Up To 100, Add</i>			0.52	
		<i>For >100 To 250, Add</i>			0.24	
		<i>For >250 To 500, Add</i>			0.11	
09 91 13 00-0424	SF	1 Coat Paint, Brush/Roller, Paint Wood Fences.....			0.79	
		<i>For Up To 100, Add</i>			0.49	
		<i>For >100 To 250, Add</i>			0.23	
		<i>For >250 To 500, Add</i>			0.10	
09 91 13 00-0425	SF	2 Coats Paint, Brush/Roller, Paint Wood Fences.....			1.41	
		<i>For Up To 100, Add</i>			0.85	
		<i>For >100 To 250, Add</i>			0.41	
		<i>For >250 To 500, Add</i>			0.18	
09 91 13 00-0426	SF	1 Coat Paint, Sprayed, Paint Wood Fences.....			0.58	
		<i>For Up To 100, Add</i>			0.33	
		<i>For >100 To 250, Add</i>			0.16	
		<i>For >250 To 500, Add</i>			0.07	
09 91 13 00-0427	SF	2 Coats Paint, Sprayed, Paint Wood Fences.....			1.08	
		<i>For Up To 100, Add</i>			0.61	
		<i>For >100 To 250, Add</i>			0.29	
		<i>For >250 To 500, Add</i>			0.13	
09 91 13 00-0428	Paint Shutters Or Blinds, Solid Panel <small>(09 91 13 00-0412)</small>					
09 91 13 00-0429	SF	1 Coat Primer, Brush Work, Paint Shutter Or Blinds, Solid Panel.....			3.30	
09 91 13 00-0430	SF	1 Coat Paint, Brush Work, Paint Shutter Or Blinds, Solid Panel.....			3.31	
09 91 13 00-0431	SF	2 Coats Paint, Brush Work, Paint Shutter Or Blinds, Solid Panel.....			5.88	
09 91 13 00-0432	SF	1 Coat Primer, Sprayed, Paint Shutter Or Blinds, Solid Panel.....			1.90	
09 91 13 00-0433	SF	1 Coat Paint, Sprayed, Paint Shutter Or Blinds, Solid Panel.....			1.91	
09 91 13 00-0434	SF	2 Coats Paint, Sprayed, Paint Shutter Or Blinds, Solid Panel.....			3.52	
09 91 13 00-0435	Paint Shutters Or Blinds, Louvered Panel <small>(09 91 13 00-0412)</small>					
09 91 13 00-0436	SF	1 Coat Primer, Brush Work, Paint Shutter Or Blinds, Louvered Panel.....			4.08	
09 91 13 00-0437	SF	1 Coat Paint, Brush Work, Paint Shutter Or Blinds, Louvered Panel.....			4.09	
09 91 13 00-0438	SF	2 Coats Paint, Brush Work, Paint Shutter Or Blinds, Louvered Panel.....			7.27	
09 91 13 00-0439	SF	1 Coat Primer, Sprayed, Paint Shutter Or Blinds, Louvered Panel.....			2.30	
09 91 13 00-0440	SF	1 Coat Paint, Sprayed, Paint Shutter Or Blinds, Louvered Panel.....			2.31	
09 91 13 00-0441	SF	2 Coats Paint, Sprayed, Paint Shutter Or Blinds, Louvered Panel.....			4.27	
09 91 13 00-0442	Paint Flagpoles <small>(09 91 13 00-0412)</small>					
09 91 13 00-0443	EA	1 Coat Paint, 20' High, Paint Steel Flagpole.....			212.64	
09 91 13 00-0444	EA	1 Coat Paint, 30' High, Paint Steel Flagpole.....			286.71	
09 91 13 00-0445	EA	1 Coat Paint, 40' High, Paint Steel Flagpole.....			360.83	
09 91 13 00-0446	EA	1 Coat Paint, 50' High, Paint Steel Flagpole.....			434.96	
09 91 13 00-0447	EA	1 Coat Paint, 70' High, Paint Steel Flagpole.....			577.20	
09 91 13 00-0448	EA	1 Coat Paint, 80' High, Paint Steel Flagpole.....			650.56	
09 91 13 00-0449	EA	1 Coat Paint, 90' High, Paint Steel Flagpole.....			723.95	
09 91 13 00-0450	Paint Lattice Or Trellis <small>(09 91 13 00-0412)</small>					
09 91 13 00-0451	SF	1 Coat Paint, Sprayed, Per Side, Paint Wood Lattice Or Trellis.....			1.48	
		<i>For Up To 100, Add</i>			1.01	
		<i>For >100 To 250, Add</i>			0.48	
		<i>For >250 To 500, Add</i>			0.21	
09 91 13 00-0452	SF	2 Coats Paint, Sprayed, Per Side, Paint Wood Lattice Or Trellis.....			2.75	
		<i>For Up To 100, Add</i>			1.86	
		<i>For >100 To 250, Add</i>			0.88	
		<i>For >250 To 500, Add</i>			0.38	
09 91 13 00-0453	Paint Exterior Stairs <small>(09 91 13)</small>					
09 91 13 00-0454	Paint Exterior Concrete Stairs <small>(09 91 13 00-0453)</small>					
09 91 13 00-0455	RSR	1 Coat Primer, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide).....			18.19	
09 91 13 00-0456	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide).....			18.19	
09 91 13 00-0457	RSR	1 Coat Non Slip Paint, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide).....			24.03	

09 Finishes**09 90 Painting and Coating****09 91 Painting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 91 13 00-0458	RSR	1	Coat Non Slip Epoxy Paint, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide)	40.82	
09 91 13 00-0459	RSR	2	Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide)	36.37	
09 91 13 00-0460			Paint Exterior Metal Stairs (09 91 13 00-0453)		
09 91 13 00-0461	RSR	1	Coat Primer, Brush/Roller Work, Paint Exterior Metal Stair (To 4' Wide)	9.59	
			<i>For Oil Based Paint, Add</i>	0.52	
09 91 13 00-0462	RSR	1	Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Metal Stair (To 4' Wide)	9.59	
			<i>For Oil Based Paint, Add</i>	0.52	
09 91 13 00-0463	RSR	2	Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Metal Stair (To 4' Wide)	19.18	
			<i>For Oil Based Paint, Add</i>	1.04	
09 91 13 00-0464			Paint Exterior Wood Stairs (09 91 13 00-0453)		
09 91 13 00-0465	RSR	1	Coat Primer, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide)	9.39	
09 91 13 00-0466	RSR	1	Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide)	9.39	
09 91 13 00-0467	RSR	1	Coat Non Slip Paint, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide)	15.23	
09 91 13 00-0468	RSR	1	Coat Non Slip Epoxy Paint, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide)	32.02	
09 91 13 00-0469	RSR	2	Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide)	18.76	
09 91 13 00-0470			Paint Exterior Stair Nosing (09 91 13 00-0453)		
09 91 13 00-0471	LF	1	Coat Paint, Up To 2", Non Slip, Brush Work, Paint Exterior Yellow Stair Safety Strip	1.80	
09 91 13 00-0472			Paint Exterior Trim (09 91 13)		
09 91 13 00-0473			Paint Exterior Metal Trim And Gutters (09 91 13 00-0472)		
09 91 13 00-0474	SF	1	Coat Primer, Brush Work, Paint Exterior Exposed Metal Trim	1.24	
09 91 13 00-0475	SF	1	Coat Paint, Brush Work, Paint Exterior Exposed Metal Trim	1.36	
09 91 13 00-0476	SF	2	Coats Paint, Brush Work, Paint Exterior Exposed Metal Trim	2.44	
09 91 13 00-0477	SF	1	Coat Primer, Brush/Roller Work, Paint Exterior Exposed Metal Trim	1.13	
09 91 13 00-0478	SF	1	Coat Paint, Brush/Roller Work, Paint Exterior Exposed Metal Trim	1.23	
09 91 13 00-0479	SF	2	Coats Paint, Brush/Roller Work, Paint Exterior Exposed Metal Trim	2.19	
09 91 13 00-0480	LF	1	Coat Paint, Brush Work, Paint Exterior Gutter And Downspout	1.96	
09 91 13 00-0481	LF	2	Coats Paint, Brush Work, Paint Exterior Gutter And Downspout	2.50	
09 91 13 00-0482			Paint Exterior Wood Trim (09 91 13 00-0472)		
09 91 13 00-0483	SF	1	Coat Primer, Brush Work, Paint Exterior Wood Trim	1.78	
			<i>For Oil Based Paint, Add</i>	0.10	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.22	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.37	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.59	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.81	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.15	
			<i>For >100 To 250, Add</i>	0.55	
			<i>For >250 To 500, Add</i>	0.24	
			<i>For >2,500 To 5,000, Deduct</i>	-0.09	
			<i>For >5,000 To 10,000, Deduct</i>	-0.18	
			<i>For >10,000 To 20,000, Deduct</i>	-0.27	
			<i>For >20,000, Deduct</i>	-0.36	
09 91 13 00-0484	SF	1	Coat Paint, Brush Work, Paint Exterior Wood Trim	1.93	
			<i>For Oil Based Paint, Add</i>	0.11	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.24	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.40	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.64	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.87	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.24	
			<i>For >100 To 250, Add</i>	0.59	
			<i>For >250 To 500, Add</i>	0.26	
			<i>For >2,500 To 5,000, Deduct</i>	-0.10	
			<i>For >5,000 To 10,000, Deduct</i>	-0.19	
			<i>For >10,000 To 20,000, Deduct</i>	-0.29	
			<i>For >20,000, Deduct</i>	-0.39	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91	13 00-0485	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Trim.....	3.51	
			For Oil Based Paint, Add	0.21	
			For Work >15' To 20' Above Floor, Add	0.42	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.71	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	1.13	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	1.56	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	2.22	
			For >100 To 250, Add	1.06	
			For >250 To 500, Add	0.46	
			For >2,500 To 5,000, Deduct	-0.18	
			For >5,000 To 10,000, Deduct	-0.35	
			For >10,000 To 20,000, Deduct	-0.53	
			For >20,000, Deduct	-0.70	
09 91	13 00-0486	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Trim.....	1.41	
			For Oil Based Paint, Add	0.09	
			For Work >15' To 20' Above Floor, Add	0.17	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.28	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.44	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.61	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.87	
			For >100 To 250, Add	0.42	
			For >250 To 500, Add	0.18	
			For >2,500 To 5,000, Deduct	-0.07	
			For >5,000 To 10,000, Deduct	-0.14	
			For >10,000 To 20,000, Deduct	-0.21	
			For >20,000, Deduct	-0.28	
09 91	13 00-0487	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Trim.....	1.57	
			For Oil Based Paint, Add	0.10	
			For Work >15' To 20' Above Floor, Add	0.18	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.31	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.49	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.68	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.97	
			For >100 To 250, Add	0.46	
			For >250 To 500, Add	0.20	
			For >2,500 To 5,000, Deduct	-0.08	
			For >5,000 To 10,000, Deduct	-0.16	
			For >10,000 To 20,000, Deduct	-0.24	
			For >20,000, Deduct	-0.31	
09 91	13 00-0488	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Trim.....	2.91	
			For Oil Based Paint, Add	0.18	
			For Work >15' To 20' Above Floor, Add	0.33	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.56	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.89	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	1.23	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.77	
			For >100 To 250, Add	0.85	
			For >250 To 500, Add	0.37	
			For >2,500 To 5,000, Deduct	-0.15	
			For >5,000 To 10,000, Deduct	-0.29	
			For >10,000 To 20,000, Deduct	-0.44	
			For >20,000, Deduct	-0.58	
09 91	13 00-0489	SF	1 Coat Primer, Sprayed, Paint Exterior Wood Trim.....	1.06	
			For Oil Based Paint, Add	0.07	
			For Work >15' To 20' Above Floor, Add	0.10	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.17	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.27	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.37	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.57	
			For >100 To 250, Add	0.28	
			For >250 To 500, Add	0.12	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.16	
			For >20,000, Deduct	-0.21	

09 Finishes**09 90 Painting and Coating****09 91 Painting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 91 13 00-0490	SF	1 Coat Paint, Sprayed, Paint Exterior Wood Trim.....	1.20
		<i>For Oil Based Paint, Add</i>	0.08
		<i>For Work >15' To 20' Above Floor, Add</i>	0.12
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.21
		<i>Note: Applied only to work area above 20'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.33
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	0.45
		<i>Note: Applied only to work area above 40'.</i>	
		<i>For Up To 100, Add</i>	0.67
		<i>For >100 To 250, Add</i>	0.33
		<i>For >250 To 500, Add</i>	0.14
		<i>For >2,500 To 5,000, Deduct</i>	-0.06
		<i>For >5,000 To 10,000, Deduct</i>	-0.12
		<i>For >10,000 To 20,000, Deduct</i>	-0.18
		<i>For >20,000, Deduct</i>	-0.24
09 91 13 00-0491	SF	2 Coats Paint, Sprayed, Paint Exterior Wood Trim.....	2.26
		<i>For Oil Based Paint, Add</i>	0.15
		<i>For Work >15' To 20' Above Floor, Add</i>	0.23
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.38
		<i>Note: Applied only to work area above 20'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.60
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	0.83
		<i>Note: Applied only to work area above 40'.</i>	
		<i>For Up To 100, Add</i>	1.25
		<i>For >100 To 250, Add</i>	0.60
		<i>For >250 To 500, Add</i>	0.26
		<i>For >2,500 To 5,000, Deduct</i>	-0.11
		<i>For >5,000 To 10,000, Deduct</i>	-0.23
		<i>For >10,000 To 20,000, Deduct</i>	-0.34
		<i>For >20,000, Deduct</i>	-0.45

09 91 13 00-0492 Paint Exterior Miscellaneous Metal Surfaces (09 91 13)

09 91 13 00-0493	SF	1 Coat Alkyd Anticorrosive Metal Primer, Brush/Roller Work, Paint Exterior Miscellaneous Metal Surfaces.....	1.48
		<i>For Epoxy Paint, Add</i>	0.17
		<i>For Electrostatic Painting, Add</i>	0.20
09 91 13 00-0494	SF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Miscellaneous Metal Surfaces.....	1.37
		<i>For Epoxy Paint, Add</i>	0.13
		<i>For Electrostatic Painting, Add</i>	0.17
09 91 13 00-0495	SF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Miscellaneous Metal Surfaces.....	2.77
		<i>For Epoxy Paint, Add</i>	0.28
		<i>For Electrostatic Painting, Add</i>	0.35

09 91 23 Interior Painting (09 91)

Note: Acrylic latex paint unless otherwise stated. VOC compliant in all regulated areas, review specifications for levels. Paint tasks covers all paint sheens: flat, eggshell, satin, semi-gloss, or gloss. See CSI section 09 91 13 00-0322 for additional interior materials.

09 91 23 00-0001 Paint Interior Walls (09 91 23)**09 91 23 00-0002 Paint Interior Brick Walls (09 91 23 00-0001)**

09 91 23 00-0003	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Brick Walls.....	0.23
		<i>For Work >15' To 20' Above Floor, Add</i>	0.03
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.05
		<i>Note: Applied only to work area above 20' to 30'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.08
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	0.10
		<i>Note: Applied only to work area above 40'.</i>	
		<i>For Up To 100, Add</i>	0.15
		<i>For >100 To 250, Add</i>	0.07
		<i>For >250 To 500, Add</i>	0.03
		<i>For >2,500 To 5,000, Deduct</i>	-0.01
		<i>For >5,000 To 10,000, Deduct</i>	-0.02
		<i>For >10,000 To 20,000, Deduct</i>	-0.03
		<i>For >20,000, Deduct</i>	-0.05
09 91 23 00-0004	SF	1 Coat Filler, Brush Work, Paint Interior Brick Walls.....	1.17
		<i>For Oil Based Paint, Add</i>	0.07
		<i>For Work >15' To 20' Above Floor, Add</i>	0.14
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.24
		<i>Note: Applied only to work area above 20' to 30'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.38
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	0.53
		<i>Note: Applied only to work area above 40'.</i>	
		<i>For Up To 100, Add</i>	0.75
		<i>For >100 To 250, Add</i>	0.36
		<i>For >250 To 500, Add</i>	0.15
		<i>For >2,500 To 5,000, Deduct</i>	-0.06
		<i>For >5,000 To 10,000, Deduct</i>	-0.12
		<i>For >10,000 To 20,000, Deduct</i>	-0.18
		<i>For >20,000, Deduct</i>	-0.23

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 23 00-0005	SF	1	Coat Paint, Brush Work, Paint Interior Brick Walls	1.35	
			For Oil Based Paint, Add	0.08	
			For Work >15' To 20' Above Floor, Add	0.17	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.28	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.44	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.61	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.87	
			For >100 To 250, Add	0.41	
			For >250 To 500, Add	0.18	
			For >2,500 To 5,000, Deduct	-0.07	
			For >5,000 To 10,000, Deduct	-0.14	
			For >10,000 To 20,000, Deduct	-0.20	
			For >20,000, Deduct	-0.27	
09 91 23 00-0006	SF	2	Coat Paint, Brush Work, Paint Interior Brick Walls	2.41	
			For Oil Based Paint, Add	0.14	
			For Work >15' To 20' Above Floor, Add	0.29	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.48	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.77	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	1.06	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.52	
			For >100 To 250, Add	0.72	
			For >250 To 500, Add	0.31	
			For >2,500 To 5,000, Deduct	-0.12	
			For >5,000 To 10,000, Deduct	-0.24	
			For >10,000 To 20,000, Deduct	-0.36	
			For >20,000, Deduct	-0.48	
09 91 23 00-0007	SF	1	Coat Filler, Brush/Roller Work, Paint Interior Brick Walls	0.96	
			For Oil Based Paint, Add	0.06	
			For Work >15' To 20' Above Floor, Add	0.11	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.19	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.30	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.41	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.59	
			For >100 To 250, Add	0.28	
			For >250 To 500, Add	0.12	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.10	
			For >10,000 To 20,000, Deduct	-0.14	
			For >20,000, Deduct	-0.19	
09 91 23 00-0008	SF	1	Coat Paint, Brush/Roller Work, Paint Interior Brick Walls	1.18	
			For Oil Based Paint, Add	0.07	
			For Work >15' To 20' Above Floor, Add	0.13	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.22	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.35	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.48	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.70	
			For >100 To 250, Add	0.34	
			For >250 To 500, Add	0.15	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.12	
			For >10,000 To 20,000, Deduct	-0.18	
			For >20,000, Deduct	-0.24	
09 91 23 00-0009	SF	2	Coats Paint, Brush/Roller Work, Paint Interior Brick Walls	2.04	
			For Oil Based Paint, Add	0.13	
			For Work >15' To 20' Above Floor, Add	0.22	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.37	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.60	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.82	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.20	
			For >100 To 250, Add	0.58	
			For >250 To 500, Add	0.25	
			For >2,500 To 5,000, Deduct	-0.10	
			For >5,000 To 10,000, Deduct	-0.20	
			For >10,000 To 20,000, Deduct	-0.31	
			For >20,000, Deduct	-0.41	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0010	SF 1 Coat Filler, Sprayed, Paint Interior Brick Walls .....0.78		
	For Oil Based Paint, Add	0.05	
	For Work >15' To 20' Above Floor, Add	0.08	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.14	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.22	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.30	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.44	
	For >100 To 250, Add	0.21	
	For >250 To 500, Add	0.09	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.12	
	For >20,000, Deduct	-0.16	
09 91 23 00-0011	SF 1 Coat Paint, Sprayed, Paint Interior Brick Walls .....0.87		
	For Oil Based Paint, Add	0.06	
	For Work >15' To 20' Above Floor, Add	0.08	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.13	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.21	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.29	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.45	
	For >100 To 250, Add	0.22	
	For >250 To 500, Add	0.10	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.13	
	For >20,000, Deduct	-0.17	
09 91 23 00-0012	SF 2 Coats Paint, Sprayed, Paint Interior Brick Walls .....1.51		
	For Oil Based Paint, Add	0.10	
	For Work >15' To 20' Above Floor, Add	0.14	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.23	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.37	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.51	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.78	
	For >100 To 250, Add	0.38	
	For >250 To 500, Add	0.17	
	For >2,500 To 5,000, Deduct	-0.08	
	For >5,000 To 10,000, Deduct	-0.15	
	For >10,000 To 20,000, Deduct	-0.23	
	For >20,000, Deduct	-0.30	
09 91 23 00-0013	SF 1 Coat Bonding Agent, Brush Work, Paint Interior Brick Walls .....1.20		
	For Work >15' To 20' Above Floor, Add	0.14	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.24	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.38	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.53	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.76	
	For >100 To 250, Add	0.36	
	For >250 To 500, Add	0.16	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.12	
	For >10,000 To 20,000, Deduct	-0.18	
	For >20,000, Deduct	-0.24	
09 91 23 00-0014	SF 1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Brick Walls .....0.99		
	For Work >15' To 20' Above Floor, Add	0.11	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.19	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.30	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.41	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.60	
	For >100 To 250, Add	0.29	
	For >250 To 500, Add	0.12	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.10	
	For >10,000 To 20,000, Deduct	-0.15	
	For >20,000, Deduct	-0.20	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 23 00-0015	SF	1	Coat Bonding Agent, Sprayed, Paint Interior Brick Walls	0.82	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.08	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.14	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.22	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.30	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.45	
			<i>For >100 To 250, Add</i>	0.22	
			<i>For >250 To 500, Add</i>	0.10	
			<i>For >2,500 To 5,000, Deduct</i>	-0.04	
			<i>For >5,000 To 10,000, Deduct</i>	-0.08	
			<i>For >10,000 To 20,000, Deduct</i>	-0.12	
			<i>For >20,000, Deduct</i>	-0.16	

09 91 23 00-0016 Paint Interior Concrete Walls (09 91 23 00-0001)

09 91 23 00-0017	LF	1	Coat Paint, Cut-in Brush Work, Paint Interior Concrete Walls	0.18	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.02	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.04	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.06	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.09	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.12	
			<i>For >100 To 250, Add</i>	0.06	
			<i>For >250 To 500, Add</i>	0.03	
			<i>For >2,500 To 5,000, Deduct</i>	-0.01	
			<i>For >5,000 To 10,000, Deduct</i>	-0.02	
			<i>For >10,000 To 20,000, Deduct</i>	-0.03	
			<i>For >20,000, Deduct</i>	-0.04	

09 91 23 00-0018	SF	1	Coat Filler, Brush Work, Paint Interior Concrete Walls	0.99	
			<i>For Oil Based Paint, Add</i>	0.06	
			<i>For Epoxy Paint, Add</i>	0.10	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.12	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.21	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.33	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.45	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.64	
			<i>For >100 To 250, Add</i>	0.30	
			<i>For >250 To 500, Add</i>	0.13	
			<i>For >2,500 To 5,000, Deduct</i>	-0.05	
			<i>For >5,000 To 10,000, Deduct</i>	-0.10	
			<i>For >10,000 To 20,000, Deduct</i>	-0.15	
			<i>For >20,000, Deduct</i>	-0.20	

09 91 23 00-0019	SF	1	Coat Paint, Brush Work, Paint Interior Concrete Walls	1.09	
			<i>For Oil Based Paint, Add</i>	0.06	
			<i>For Epoxy Paint, Add</i>	0.10	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.14	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.24	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.38	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.52	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.73	
			<i>For >100 To 250, Add</i>	0.35	
			<i>For >250 To 500, Add</i>	0.15	
			<i>For >2,500 To 5,000, Deduct</i>	-0.05	
			<i>For >5,000 To 10,000, Deduct</i>	-0.11	
			<i>For >10,000 To 20,000, Deduct</i>	-0.16	
			<i>For >20,000, Deduct</i>	-0.22	

09 91 23 00-0020	SF	2	Coats Paint, Brush Work, Paint Interior Concrete Walls	2.00	
			<i>For Oil Based Paint, Add</i>	0.11	
			<i>For Epoxy Paint, Add</i>	0.17	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.27	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.44	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.71	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.97	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.36	
			<i>For >100 To 250, Add</i>	0.64	
			<i>For >250 To 500, Add</i>	0.28	
			<i>For >2,500 To 5,000, Deduct</i>	-0.10	
			<i>For >5,000 To 10,000, Deduct</i>	-0.20	
			<i>For >10,000 To 20,000, Deduct</i>	-0.30	
			<i>For >20,000, Deduct</i>	-0.40	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0021	SF 1 Coat Filler, Brush/Roller Work, Paint Interior Concrete Walls	0.80	
	For Oil Based Paint, Add	0.05	
	For Epoxy Paint, Add	0.09	
	For Work >15' To 20' Above Floor, Add	0.09	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.16	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.25	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.35	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.50	
	For >100 To 250, Add	0.24	
	For >250 To 500, Add	0.10	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.12	
	For >20,000, Deduct	-0.16	
09 91 23 00-0022	SF 1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Walls.....	0.91	
	For Oil Based Paint, Add	0.05	
	For Epoxy Paint, Add	0.09	
	For Work >15' To 20' Above Floor, Add	0.12	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.19	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.31	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.42	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.60	
	For >100 To 250, Add	0.28	
	For >250 To 500, Add	0.12	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.14	
	For >20,000, Deduct	-0.18	
09 91 23 00-0023	SF 2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Walls.....	1.66	
	For Oil Based Paint, Add	0.10	
	For Epoxy Paint, Add	0.16	
	For Work >15' To 20' Above Floor, Add	0.21	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.35	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.56	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.76	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.08	
	For >100 To 250, Add	0.51	
	For >250 To 500, Add	0.22	
	For >2,500 To 5,000, Deduct	-0.08	
	For >5,000 To 10,000, Deduct	-0.17	
	For >10,000 To 20,000, Deduct	-0.25	
	For >20,000, Deduct	-0.33	
09 91 23 00-0024	SF 1 Coat Filler, Sprayed, Paint Interior Concrete Walls.....	0.64	
	For Oil Based Paint, Add	0.04	
	For Epoxy Paint, Add	0.10	
	For Work >15' To 20' Above Floor, Add	0.06	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.11	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.17	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.24	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.35	
	For >100 To 250, Add	0.17	
	For >250 To 500, Add	0.08	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.06	
	For >10,000 To 20,000, Deduct	-0.10	
	For >20,000, Deduct	-0.13	
09 91 23 00-0025	SF 1 Coat Paint, Sprayed, Paint Interior Concrete Walls	0.71	
	For Oil Based Paint, Add	0.04	
	For Epoxy Paint, Add	0.09	
	For Work >15' To 20' Above Floor, Add	0.08	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.14	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.22	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.30	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.43	
	For >100 To 250, Add	0.21	
	For >250 To 500, Add	0.09	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.07	
	For >10,000 To 20,000, Deduct	-0.11	
	For >20,000, Deduct	-0.14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 23 00-0026	SF		2 Coats Paint, Sprayed, Paint Interior Concrete Walls	1.16	
			For Oil Based Paint, Add	0.08	
			For Epoxy Paint, Add	0.16	
			For Work >15' To 20' Above Floor, Add	0.12	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.21	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.33	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.45	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.67	
			For >100 To 250, Add	0.32	
			For >250 To 500, Add	0.14	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.12	
			For >10,000 To 20,000, Deduct	-0.17	
			For >20,000, Deduct	-0.23	
09 91 23 00-0027	SF		1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Walls.....	1.02	
			For Work >15' To 20' Above Floor, Add	0.12	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.21	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.33	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.45	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.65	
			For >100 To 250, Add	0.31	
			For >250 To 500, Add	0.13	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.10	
			For >10,000 To 20,000, Deduct	-0.15	
			For >20,000, Deduct	-0.20	
09 91 23 00-0028	SF		1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Concrete Walls	0.83	
			For Work >15' To 20' Above Floor, Add	0.09	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.16	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.25	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.35	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.50	
			For >100 To 250, Add	0.24	
			For >250 To 500, Add	0.10	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.08	
			For >10,000 To 20,000, Deduct	-0.12	
			For >20,000, Deduct	-0.17	
09 91 23 00-0029	SF		1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Walls.....	0.67	
			For Work >15' To 20' Above Floor, Add	0.06	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.11	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.17	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.24	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.36	
			For >100 To 250, Add	0.17	
			For >250 To 500, Add	0.08	
			For >2,500 To 5,000, Deduct	-0.03	
			For >5,000 To 10,000, Deduct	-0.07	
			For >10,000 To 20,000, Deduct	-0.10	
			For >20,000, Deduct	-0.13	

09 91 23 00-0030 Paint Interior Concrete Block Walls (09 91 23 00-0001)

09 91 23 00-0031 Paint Interior Concrete Block Walls, Epoxy Paint (09 91 23 00-0030)

09 91 23 00-0032	LF		1 Coat Epoxy Paint, Cut-in Brush Work, Paint Interior Concrete Block Walls.....	0.51	
			For Work >15' To 20' Above Floor, Add	0.03	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.05	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.08	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.11	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.20	
			For >100 To 250, Add	0.10	
			For >250 To 500, Add	0.05	
			For >2,500 To 5,000, Deduct	-0.03	
			For >5,000 To 10,000, Deduct	-0.05	
			For >10,000 To 20,000, Deduct	-0.08	
			For >20,000, Deduct	-0.10	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0033	SF 1 Coat Epoxy Filler, Brush Work, Paint Interior Concrete Block Walls	1.38	
	For Work >15' To 20' Above Floor, Add	0.16	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.27	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.43	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.59	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.85	
	For >100 To 250, Add	0.41	
	For >250 To 500, Add	0.18	
	For >2,500 To 5,000, Deduct	-0.07	
	For >5,000 To 10,000, Deduct	-0.14	
	For >10,000 To 20,000, Deduct	-0.21	
	For >20,000, Deduct	-0.28	
09 91 23 00-0034	SF 1 Coat Epoxy Paint, Brush Work, Paint Interior Concrete Block Walls	1.60	
	For Work >15' To 20' Above Floor, Add	0.19	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.32	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.52	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.71	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.01	
	For >100 To 250, Add	0.48	
	For >250 To 500, Add	0.21	
	For >2,500 To 5,000, Deduct	-0.08	
	For >5,000 To 10,000, Deduct	-0.16	
	For >10,000 To 20,000, Deduct	-0.24	
	For >20,000, Deduct	-0.32	
09 91 23 00-0035	SF 2 Coats Epoxy Paint, Brush Work, Paint Interior Concrete Block Walls	2.85	
	For Work >15' To 20' Above Floor, Add	0.33	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.56	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.89	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	1.23	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.77	
	For >100 To 250, Add	0.84	
	For >250 To 500, Add	0.37	
	For >2,500 To 5,000, Deduct	-0.14	
	For >5,000 To 10,000, Deduct	-0.29	
	For >10,000 To 20,000, Deduct	-0.43	
	For >20,000, Deduct	-0.57	
09 91 23 00-0036	SF 1 Coat Epoxy Filler, Brush/Roller Work, Paint Interior Concrete Block Walls	1.13	
	For Work >15' To 20' Above Floor, Add	0.12	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.21	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.33	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.45	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.66	
	For >100 To 250, Add	0.32	
	For >250 To 500, Add	0.14	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.11	
	For >10,000 To 20,000, Deduct	-0.17	
	For >20,000, Deduct	-0.23	
09 91 23 00-0037	SF 1 Coat Epoxy Paint, Brush/Roller Work, Paint Interior Concrete Block Walls	1.25	
	For Work >15' To 20' Above Floor, Add	0.14	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.24	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.38	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.52	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.75	
	For >100 To 250, Add	0.36	
	For >250 To 500, Add	0.16	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.13	
	For >10,000 To 20,000, Deduct	-0.19	
	For >20,000, Deduct	-0.25	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 23 00-0038	SF	2 Coats Epoxy Paint, Brush/Roller Work, Paint Interior Concrete Block Walls		2.35	
		For Work >15' To 20' Above Floor, Add		0.26	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.43	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.69	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.95	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		1.39	
		For >100 To 250, Add		0.67	
		For >250 To 500, Add		0.29	
		For >2,500 To 5,000, Deduct		-0.12	
		For >5,000 To 10,000, Deduct		-0.24	
		For >10,000 To 20,000, Deduct		-0.35	
		For >20,000, Deduct		-0.47	
09 91 23 00-0039	SF	1 Coat Epoxy Filler, Sprayed, Paint Interior Concrete Block Walls		0.88	
		For Work >15' To 20' Above Floor, Add		0.08	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.13	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.20	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.28	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.43	
		For >100 To 250, Add		0.21	
		For >250 To 500, Add		0.09	
		For >2,500 To 5,000, Deduct		-0.04	
		For >5,000 To 10,000, Deduct		-0.09	
		For >10,000 To 20,000, Deduct		-0.13	
		For >20,000, Deduct		-0.18	
09 91 23 00-0040	SF	1 Coat Epoxy Paint, Sprayed, Paint Interior Concrete Block Walls		1.06	
		For Work >15' To 20' Above Floor, Add		0.10	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.17	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.27	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.37	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.57	
		For >100 To 250, Add		0.28	
		For >250 To 500, Add		0.12	
		For >2,500 To 5,000, Deduct		-0.05	
		For >5,000 To 10,000, Deduct		-0.11	
		For >10,000 To 20,000, Deduct		-0.16	
		For >20,000, Deduct		-0.21	
09 91 23 00-0041	SF	2 Coats Epoxy Paint, Sprayed, Paint Interior Concrete Block Walls		1.93	
		For Work >15' To 20' Above Floor, Add		0.17	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.29	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.46	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.63	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.97	
		For >100 To 250, Add		0.48	
		For >250 To 500, Add		0.21	
		For >2,500 To 5,000, Deduct		-0.10	
		For >5,000 To 10,000, Deduct		-0.19	
		For >10,000 To 20,000, Deduct		-0.29	
		For >20,000, Deduct		-0.39	

09 91 23 00-0042 Paint Interior Concrete Block Walls, Acrylic Latex Paint (09 91 23 00-0030)

09 91 23 00-0043	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Block Walls		0.25	
		For Oil Based Paint, Add		0.02	
		For Work >15' To 20' Above Floor, Add		0.03	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.05	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.08	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.11	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.16	
		For >100 To 250, Add		0.08	
		For >250 To 500, Add		0.03	
		For >2,500 To 5,000, Deduct		-0.01	
		For >5,000 To 10,000, Deduct		-0.03	
		For >10,000 To 20,000, Deduct		-0.04	
		For >20,000, Deduct		-0.05	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0044	SF 1 Coat Filler, Brush Work, Paint Interior Concrete Block Walls.....	1.28	
	For Oil Based Paint, Add	0.07	
	For Work >15' To 20' Above Floor, Add	0.16	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.27	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.43	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.59	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.83	
	For >100 To 250, Add	0.40	
	For >250 To 500, Add	0.17	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.13	
	For >10,000 To 20,000, Deduct	-0.19	
	For >20,000, Deduct	-0.26	
09 91 23 00-0045	SF 1 Coat Paint, Brush Work, Paint Interior Concrete Block Walls	1.51	
	For Oil Based Paint, Add	0.09	
	For Work >15' To 20' Above Floor, Add	0.19	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.31	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.50	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.68	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.97	
	For >100 To 250, Add	0.46	
	For >250 To 500, Add	0.20	
	For >2,500 To 5,000, Deduct	-0.08	
	For >5,000 To 10,000, Deduct	-0.15	
	For >10,000 To 20,000, Deduct	-0.23	
	For >20,000, Deduct	-0.30	
09 91 23 00-0046	SF 2 Coats Paint, Brush Work, Paint Interior Concrete Block Walls	2.75	
	For Oil Based Paint, Add	0.17	
	For Work >15' To 20' Above Floor, Add	0.33	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.55	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.88	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	1.21	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.73	
	For >100 To 250, Add	0.83	
	For >250 To 500, Add	0.36	
	For >2,500 To 5,000, Deduct	-0.14	
	For >5,000 To 10,000, Deduct	-0.28	
	For >10,000 To 20,000, Deduct	-0.41	
	For >20,000, Deduct	-0.55	
09 91 23 00-0047	SF 1 Coat Texture Paint, Brush Work, Paint Interior Concrete Block Walls	1.69	
	For Oil Based Paint, Add	0.10	
	For Work >15' To 20' Above Floor, Add	0.21	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.35	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.55	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.76	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.08	
	For >100 To 250, Add	0.51	
	For >250 To 500, Add	0.22	
	For >2,500 To 5,000, Deduct	-0.08	
	For >5,000 To 10,000, Deduct	-0.17	
	For >10,000 To 20,000, Deduct	-0.25	
	For >20,000, Deduct	-0.34	
09 91 23 00-0048	SF 1 Coat Filler, Brush/Roller Work, Paint Interior Concrete Block Walls	1.08	
	For Oil Based Paint, Add	0.06	
	For Work >15' To 20' Above Floor, Add	0.13	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.22	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.35	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.48	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.68	
	For >100 To 250, Add	0.33	
	For >250 To 500, Add	0.14	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.11	
	For >10,000 To 20,000, Deduct	-0.16	
	For >20,000, Deduct	-0.22	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0049	SF	1	Coat Paint, Brush/Roller Work, Paint Interior Concrete Block Walls.....	1.27	
			For Oil Based Paint, Add	0.08	
			For Work >15' To 20' Above Floor, Add	0.15	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.25	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.40	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.55	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.79	
			For >100 To 250, Add	0.38	
			For >250 To 500, Add	0.16	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.13	
			For >10,000 To 20,000, Deduct	-0.19	
			For >20,000, Deduct	-0.25	
09 91 23 00-0050	SF	2	Coats Paint, Sprayed, Paint Interior Concrete Block Walls.....	2.29	
			For Oil Based Paint, Add	0.14	
			For Work >15' To 20' Above Floor, Add	0.26	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.44	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.70	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.96	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.39	
			For >100 To 250, Add	0.66	
			For >250 To 500, Add	0.29	
			For >2,500 To 5,000, Deduct	-0.11	
			For >5,000 To 10,000, Deduct	-0.23	
			For >10,000 To 20,000, Deduct	-0.34	
			For >20,000, Deduct	-0.46	
09 91 23 00-0051	SF	1	Coat Texture Paint, Brush/Roller Work, Paint Interior Concrete Block Walls.....	1.43	
			For Oil Based Paint, Add	0.09	
			For Work >15' To 20' Above Floor, Add	0.17	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.28	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.45	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.62	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.89	
			For >100 To 250, Add	0.42	
			For >250 To 500, Add	0.18	
			For >2,500 To 5,000, Deduct	-0.07	
			For >5,000 To 10,000, Deduct	-0.14	
			For >10,000 To 20,000, Deduct	-0.21	
			For >20,000, Deduct	-0.29	
09 91 23 00-0052	SF	1	Coat Filler, Sprayed, Paint Interior Concrete Block Walls.....	0.88	
			For Oil Based Paint, Add	0.06	
			For Work >15' To 20' Above Floor, Add	0.09	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.15	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.24	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.34	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.50	
			For >100 To 250, Add	0.24	
			For >250 To 500, Add	0.11	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 20,000, Deduct	-0.13	
			For >20,000, Deduct	-0.18	
09 91 23 00-0053	SF	1	Coat Paint, Sprayed, Paint Interior Concrete Block Walls.....	1.02	
			For Oil Based Paint, Add	0.07	
			For Work >15' To 20' Above Floor, Add	0.10	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.17	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.27	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.37	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.56	
			For >100 To 250, Add	0.27	
			For >250 To 500, Add	0.12	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.10	
			For >10,000 To 20,000, Deduct	-0.15	
			For >20,000, Deduct	-0.20	

09 Finishes

09 90 Painting and Coating

09 91 Painting

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 91 23 00-0054	SF	2 Coats Paint, Sprayed, Paint Interior Concrete Block Walls.....	1.44
		<i>For Oil Based Paint, Add</i>	0.09
		<i>For Work >15' To 20' Above Floor, Add</i>	0.15
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.26
		<i>Note: Applied only to work area above 20' to 30'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.41
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	0.57
		<i>Note: Applied only to work area above 40'.</i>	
		<i>For Up To 100, Add</i>	0.83
		<i>For >100 To 250, Add</i>	0.40
		<i>For >250 To 500, Add</i>	0.18
		<i>For >2,500 To 5,000, Deduct</i>	-0.07
		<i>For >5,000 To 10,000, Deduct</i>	-0.14
		<i>For >10,000 To 20,000, Deduct</i>	-0.22
		<i>For >20,000, Deduct</i>	-0.29
09 91 23 00-0055	SF	1 Coat Texture Paint, Sprayed, Paint Interior Concrete Block Walls	1.19
		<i>For Oil Based Paint, Add</i>	0.08
		<i>For Work >15' To 20' Above Floor, Add</i>	0.12
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.20
		<i>Note: Applied only to work area above 20' to 30'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.31
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	0.43
		<i>Note: Applied only to work area above 40'.</i>	
		<i>For Up To 100, Add</i>	0.65
		<i>For >100 To 250, Add</i>	0.31
		<i>For >250 To 500, Add</i>	0.14
		<i>For >2,500 To 5,000, Deduct</i>	-0.06
		<i>For >5,000 To 10,000, Deduct</i>	-0.12
		<i>For >10,000 To 20,000, Deduct</i>	-0.18
		<i>For >20,000, Deduct</i>	-0.24
09 91 23 00-0056		Paint Interior Concrete Block Walls With Bonding Agent <small>(09 91 23 00-0030)</small>	
09 91 23 00-0057	SF	1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Block Walls.....	1.31
		<i>For Work >15' To 20' Above Floor, Add</i>	0.16
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.27
		<i>Note: Applied only to work area above 20' to 30'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.43
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	0.59
		<i>Note: Applied only to work area above 40'.</i>	
		<i>For Up To 100, Add</i>	0.84
		<i>For >100 To 250, Add</i>	0.40
		<i>For >250 To 500, Add</i>	0.17
		<i>For >2,500 To 5,000, Deduct</i>	-0.07
		<i>For >5,000 To 10,000, Deduct</i>	-0.13
		<i>For >10,000 To 20,000, Deduct</i>	-0.20
		<i>For >20,000, Deduct</i>	-0.26
09 91 23 00-0058	SF	1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Concrete Block Walls.....	1.11
		<i>For Work >15' To 20' Above Floor, Add</i>	0.13
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.22
		<i>Note: Applied only to work area above 20' to 30'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.35
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	0.48
		<i>Note: Applied only to work area above 40'.</i>	
		<i>For Up To 100, Add</i>	0.69
		<i>For >100 To 250, Add</i>	0.33
		<i>For >250 To 500, Add</i>	0.14
		<i>For >2,500 To 5,000, Deduct</i>	-0.06
		<i>For >5,000 To 10,000, Deduct</i>	-0.11
		<i>For >10,000 To 20,000, Deduct</i>	-0.17
		<i>For >20,000, Deduct</i>	-0.22
09 91 23 00-0059	SF	1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Block Walls	0.93
		<i>For Work >15' To 20' Above Floor, Add</i>	0.09
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.15
		<i>Note: Applied only to work area above 20' to 30'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.24
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	0.34
		<i>Note: Applied only to work area above 40'.</i>	
		<i>For Up To 100, Add</i>	0.51
		<i>For >100 To 250, Add</i>	0.25
		<i>For >250 To 500, Add</i>	0.11
		<i>For >2,500 To 5,000, Deduct</i>	-0.05
		<i>For >5,000 To 10,000, Deduct</i>	-0.09
		<i>For >10,000 To 20,000, Deduct</i>	-0.14
		<i>For >20,000, Deduct</i>	-0.19
09 91 23 00-0060		Paint Interior Plaster/Drywall Walls <small>(09 91 23 00-0001)</small>	
09 91 23 00-0061		Paint Interior Plaster/Drywall Walls <small>(09 91 23 00-0060)</small>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 23 00-0062	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Plaster/Drywall Walls		0.18	
		For Oil Based Paint, Add		0.01	
		For Work >15' To 20' Above Floor, Add		0.02	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.04	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.06	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.09	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.12	
		For >100 To 250, Add		0.06	
		For >250 To 500, Add		0.03	
		For >2,500 To 5,000, Deduct		-0.01	
		For >5,000 To 10,000, Deduct		-0.02	
		For >10,000 To 20,000, Deduct		-0.03	
		For >20,000, Deduct		-0.04	
09 91 23 00-0063	SF	1 Coat Primer, Brush Work, Paint Interior Plaster/Drywall Walls		1.04	
		For Oil Based Paint, Add		0.06	
		For Orange Peel Finish, Add		0.14	
		For Epoxy Paint, Add		0.10	
		For Work >15' To 20' Above Floor, Add		0.13	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.22	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.35	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.48	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.68	
		For >100 To 250, Add		0.32	
		For >250 To 500, Add		0.14	
		For >2,500 To 5,000, Deduct		-0.05	
		For >5,000 To 10,000, Deduct		-0.10	
		For >10,000 To 20,000, Deduct		-0.16	
		For >20,000, Deduct		-0.21	
09 91 23 00-0064	SF	1 Coat Paint, Brush Work, Paint Interior Plaster/Drywall Walls.....		1.10	
		For Oil Based Paint, Add		0.06	
		For Orange Peel Finish, Add		0.16	
		For Epoxy Paint, Add		0.10	
		For Work >15' To 20' Above Floor, Add		0.14	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.24	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.38	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.53	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.74	
		For >100 To 250, Add		0.35	
		For >250 To 500, Add		0.15	
		For >2,500 To 5,000, Deduct		-0.06	
		For >5,000 To 10,000, Deduct		-0.11	
		For >10,000 To 20,000, Deduct		-0.17	
		For >20,000, Deduct		-0.22	
09 91 23 00-0065	SF	2 Coats Paint, Brush Work, Paint Interior Plaster/Drywall Walls.....		2.00	
		For Oil Based Paint, Add		0.11	
		For Orange Peel Finish, Add		0.28	
		For Epoxy Paint, Add		0.18	
		For Work >15' To 20' Above Floor, Add		0.26	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.43	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.69	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.95	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		1.34	
		For >100 To 250, Add		0.63	
		For >250 To 500, Add		0.27	
		For >2,500 To 5,000, Deduct		-0.10	
		For >5,000 To 10,000, Deduct		-0.20	
		For >10,000 To 20,000, Deduct		-0.30	
		For >20,000, Deduct		-0.40	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0066	SF 3 Coats Paint, Brush Work, Paint Interior Plaster/Drywall Walls.....	2.87	
	For Oil Based Paint, Add	0.16	
	For Orange Peel Finish, Add	0.40	
	For Epoxy Paint, Add	0.27	
	For Work >15' To 20' Above Floor, Add	0.37	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.62	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.98	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	1.35	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.91	
	For >100 To 250, Add	0.90	
	For >250 To 500, Add	0.39	
	For >2,500 To 5,000, Deduct	-0.14	
	For >5,000 To 10,000, Deduct	-0.29	
	For >10,000 To 20,000, Deduct	-0.43	
	For >20,000, Deduct	-0.57	
09 91 23 00-0067	SF 1 Coat Primer, Brush/Roller Work, Paint Interior Plaster/Drywall Walls.....	0.82	
	For Oil Based Paint, Add	0.05	
	For Orange Peel Finish, Add	0.11	
	For Epoxy Paint, Add	0.09	
	For Work >15' To 20' Above Floor, Add	0.10	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.16	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.26	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.36	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.51	
	For >100 To 250, Add	0.24	
	For >250 To 500, Add	0.11	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.12	
	For >20,000, Deduct	-0.16	
09 91 23 00-0068	SF 1 Coat Paint, Brush/Roller Work, Paint Interior Plaster/Drywall Walls.....	0.93	
	For Oil Based Paint, Add	0.05	
	For Orange Peel Finish, Add	0.13	
	For Epoxy Paint, Add	0.09	
	For Work >15' To 20' Above Floor, Add	0.12	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.20	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.31	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.43	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.61	
	For >100 To 250, Add	0.29	
	For >250 To 500, Add	0.12	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.14	
	For >20,000, Deduct	-0.19	
09 91 23 00-0069	SF 2 Coats Paint, Brush/Roller Work, Paint Interior Plaster/Drywall Walls.....	1.67	
	For Oil Based Paint, Add	0.10	
	For Orange Peel Finish, Add	0.23	
	For Epoxy Paint, Add	0.18	
	For Work >15' To 20' Above Floor, Add	0.20	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.34	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.54	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.75	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.07	
	For >100 To 250, Add	0.51	
	For >250 To 500, Add	0.22	
	For >2,500 To 5,000, Deduct	-0.08	
	For >5,000 To 10,000, Deduct	-0.17	
	For >10,000 To 20,000, Deduct	-0.25	
	For >20,000, Deduct	-0.33	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 23 00-0070	SF 1 Coat Primer, Sprayed, Paint Interior Plaster/Drywall Walls	0.66	
	For Oil Based Paint, Add	0.04	
	For Epoxy Paint, Add	0.10	
	For Work >15' To 20' Above Floor, Add	0.07	
	Note: Applied only to work area above 15' to 20'		
	For Work >20' To 30' Above Floor, Add	0.11	
	Note: Applied only to work area above 20' to 30'		
	For Work >30' To 40' Above Floor, Add	0.18	
	Note: Applied only to work area above 30' to 40'		
	For Work >40' Above Floor, Add	0.25	
	Note: Applied only to work area above 40'		
	For Up To 100, Add	0.37	
	For >100 To 250, Add	0.18	
	For >250 To 500, Add	0.08	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.07	
	For >10,000 To 20,000, Deduct	-0.10	
	For >20,000, Deduct	-0.13	
09 91 23 00-0071	SF 1 Coat Paint, Sprayed, Paint Interior Plaster/Drywall Walls	0.71	
	For Oil Based Paint, Add	0.04	
	For Epoxy Paint, Add	0.09	
	For Work >15' To 20' Above Floor, Add	0.08	
	Note: Applied only to work area above 15' to 20'		
	For Work >20' To 30' Above Floor, Add	0.14	
	Note: Applied only to work area above 20' to 30'		
	For Work >30' To 40' Above Floor, Add	0.22	
	Note: Applied only to work area above 30' to 40'		
	For Work >40' Above Floor, Add	0.30	
	Note: Applied only to work area above 40'		
	For Up To 100, Add	0.43	
	For >100 To 250, Add	0.21	
	For >250 To 500, Add	0.09	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.07	
	For >10,000 To 20,000, Deduct	-0.11	
	For >20,000, Deduct	-0.14	
09 91 23 00-0072	SF 2 Coats Paint, Sprayed, Paint Interior Plaster/Drywall Walls	1.16	
	For Oil Based Paint, Add	0.08	
	For Epoxy Paint, Add	0.16	
	For Work >15' To 20' Above Floor, Add	0.12	
	Note: Applied only to work area above 15' to 20'		
	For Work >20' To 30' Above Floor, Add	0.21	
	Note: Applied only to work area above 20' to 30'		
	For Work >30' To 40' Above Floor, Add	0.33	
	Note: Applied only to work area above 30' to 40'		
	For Work >40' Above Floor, Add	0.45	
	Note: Applied only to work area above 40'		
	For Up To 100, Add	0.67	
	For >100 To 250, Add	0.32	
	For >250 To 500, Add	0.14	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.12	
	For >10,000 To 20,000, Deduct	-0.17	
	For >20,000, Deduct	-0.23	
09 91 23 00-0073 Paint Interior Plaster/Drywall Or Masonry Walls With Polymix Multi-Color Paint			
	<small>(09 91 23 00-0060)</small>		
09 91 23 00-0074	SF 2 Tone Polymix With Base Coat, Sprayed, Paint Interior Plaster/Drywall Or Masonry Walls	1.99	
	For Work >15' To 20' Above Floor, Add	0.14	
	Note: Applied only to work area above 15' to 20'		
	For Work >20' To 30' Above Floor, Add	0.24	
	Note: Applied only to work area above 20' to 30'		
	For Work >30' To 40' Above Floor, Add	0.38	
	Note: Applied only to work area above 30' to 40'		
	For Work >40' Above Floor, Add	0.53	
	Note: Applied only to work area above 40'		
	For Up To 100, Add	0.87	
	For >100 To 250, Add	0.44	
	For >250 To 500, Add	0.20	
	For >2,500 To 5,000, Deduct	-0.10	
	For >5,000 To 10,000, Deduct	-0.20	
	For >10,000 To 20,000, Deduct	-0.30	
	For >20,000, Deduct	-0.40	
09 91 23 00-0075	SF 3 Tone Polymix With Base Coat, Sprayed, Paint Interior Plaster/Drywall Or Masonry Walls	2.16	
	For Work >15' To 20' Above Floor, Add	0.14	
	Note: Applied only to work area above 15' to 20'		
	For Work >20' To 30' Above Floor, Add	0.24	
	Note: Applied only to work area above 20' to 30'		
	For Work >30' To 40' Above Floor, Add	0.38	
	Note: Applied only to work area above 30' to 40'		
	For Work >40' Above Floor, Add	0.53	
	Note: Applied only to work area above 40'		
	For Up To 100, Add	0.90	
	For >100 To 250, Add	0.46	
	For >250 To 500, Add	0.20	
	For >2,500 To 5,000, Deduct	-0.11	
	For >5,000 To 10,000, Deduct	-0.22	
	For >10,000 To 20,000, Deduct	-0.32	
	For >20,000, Deduct	-0.43	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 91 23 00-0076	SF	4 Tone Polymix With Base Coat, Sprayed, Paint Interior Plaster/Drywall Or Masonry Walls.....	2.33
		<i>For Work >15' To 20' Above Floor, Add</i>	0.14
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.24
		<i>Note: Applied only to work area above 20' to 30'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.38
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	0.53
		<i>Note: Applied only to work area above 40'.</i>	
		<i>For Up To 100, Add</i>	0.93
		<i>For >100 To 250, Add</i>	0.47
		<i>For >250 To 500, Add</i>	0.21
		<i>For >2,500 To 5,000, Deduct</i>	-0.12
		<i>For >5,000 To 10,000, Deduct</i>	-0.23
		<i>For >10,000 To 20,000, Deduct</i>	-0.35
		<i>For >20,000, Deduct</i>	-0.47

09 91 23 00-0077 Paint Interior Plaster/Drywall Walls, Acoustic Texture (09 91 23 00-0060)

09 91 23 00-0078	SF	1 Coat Primer, Sprayed, Acoustic Texture, Paint Interior Plaster/Drywall Walls	0.81
		<i>For Work >15' To 20' Above Floor, Add</i>	0.08
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.14
		<i>Note: Applied only to work area above 20' to 30'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.22
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	0.30
		<i>Note: Applied only to work area above 40'.</i>	
		<i>For Up To 100, Add</i>	0.45
		<i>For >100 To 250, Add</i>	0.22
		<i>For >250 To 500, Add</i>	0.09
		<i>For >2,500 To 5,000, Deduct</i>	-0.04
		<i>For >5,000 To 10,000, Deduct</i>	-0.08
		<i>For >10,000 To 20,000, Deduct</i>	-0.12
		<i>For >20,000, Deduct</i>	-0.16

09 91 23 00-0079	SF	1 Coat Finish, Sprayed, Acoustic Texture, Paint Interior Plaster/Drywall Walls	0.95
		<i>For Work >15' To 20' Above Floor, Add</i>	0.10
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.17
		<i>Note: Applied only to work area above 20' to 30'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.27
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	0.37
		<i>Note: Applied only to work area above 40'.</i>	
		<i>For Up To 100, Add</i>	0.55
		<i>For >100 To 250, Add</i>	0.27
		<i>For >250 To 500, Add</i>	0.12
		<i>For >2,500 To 5,000, Deduct</i>	-0.05
		<i>For >5,000 To 10,000, Deduct</i>	-0.10
		<i>For >10,000 To 20,000, Deduct</i>	-0.14
		<i>For >20,000, Deduct</i>	-0.19

09 91 23 00-0080	SF	2 Coats Finish, Sprayed, Acoustic Texture, Paint Interior Plaster/Drywall Walls	1.51
		<i>For Work >15' To 20' Above Floor, Add</i>	0.14
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.24
		<i>Note: Applied only to work area above 20' to 30'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.38
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	0.53
		<i>Note: Applied only to work area above 40'.</i>	
		<i>For Up To 100, Add</i>	0.80
		<i>For >100 To 250, Add</i>	0.39
		<i>For >250 To 500, Add</i>	0.17
		<i>For >2,500 To 5,000, Deduct</i>	-0.08
		<i>For >5,000 To 10,000, Deduct</i>	-0.15
		<i>For >10,000 To 20,000, Deduct</i>	-0.23
		<i>For >20,000, Deduct</i>	-0.30

09 91 23 00-0081	SF	Stipple Finish (Drippowder), Paint Interior Plaster/Drywall Walls	1.64
		<i>For Work >15' To 20' Above Floor, Add</i>	0.23
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.38
		<i>Note: Applied only to work area above 20' to 30'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.61
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	0.84
		<i>Note: Applied only to work area above 40'.</i>	
		<i>For Up To 100, Add</i>	1.16
		<i>For >100 To 250, Add</i>	0.55
		<i>For >250 To 500, Add</i>	0.24
		<i>For >2,500 To 5,000, Deduct</i>	-0.08
		<i>For >5,000 To 10,000, Deduct</i>	-0.16
		<i>For >10,000 To 20,000, Deduct</i>	-0.25
		<i>For >20,000, Deduct</i>	-0.33

09 91 23 00-0082 Paint Interior Metal Walls (09 91 23 00-0001)

09 91 23 00-0083 Paint Interior Galvanized Walls (09 91 23 00-0082)

Note: Linseed oil or acrylic latex paint.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 23 00-0084	SF	1	Coat Primer, Brush Work, Paint Interior Galvanized Wall Surfaces.....	1.28	
			For Electrostatic Painting, Add	0.18	
			For Work >15' To 20' Above Floor, Add	0.14	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.24	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.38	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.53	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.77	
			For >100 To 250, Add	0.37	
			For >250 To 500, Add	0.16	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.13	
			For >10,000 To 20,000, Deduct	-0.19	
			For >20,000, Deduct	-0.26	
09 91 23 00-0085	SF	1	Coat Paint, Brush Work, Paint Interior Galvanized Wall Surfaces	1.42	
			For Electrostatic Painting, Add	0.19	
			For Work >15' To 20' Above Floor, Add	0.17	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.28	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.44	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.61	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.87	
			For >100 To 250, Add	0.42	
			For >250 To 500, Add	0.18	
			For >2,500 To 5,000, Deduct	-0.07	
			For >5,000 To 10,000, Deduct	-0.14	
			For >10,000 To 20,000, Deduct	-0.21	
			For >20,000, Deduct	-0.28	
09 91 23 00-0086	SF	2	Coats Paint, Brush Work, Paint Interior Galvanized Wall Surfaces	2.56	
			For Electrostatic Painting, Add	0.35	
			For Work >15' To 20' Above Floor, Add	0.29	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.48	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.77	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	1.06	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.54	
			For >100 To 250, Add	0.74	
			For >250 To 500, Add	0.32	
			For >2,500 To 5,000, Deduct	-0.13	
			For >5,000 To 10,000, Deduct	-0.26	
			For >10,000 To 20,000, Deduct	-0.38	
			For >20,000, Deduct	-0.51	
09 91 23 00-0087	SF	1	Coat Primer, Brush/Roller Work, Paint Interior Galvanized Walls.....	0.95	
			For Electrostatic Painting, Add	0.13	
			For Work >15' To 20' Above Floor, Add	0.10	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.17	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.28	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.38	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.56	
			For >100 To 250, Add	0.27	
			For >250 To 500, Add	0.12	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.10	
			For >10,000 To 20,000, Deduct	-0.14	
			For >20,000, Deduct	-0.19	
09 91 23 00-0088	SF	1	Coat Paint, Brush/Roller Work, Paint Interior Galvanized Wall.....	1.11	
			For Electrostatic Painting, Add	0.15	
			For Work >15' To 20' Above Floor, Add	0.12	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.21	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.33	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.46	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.66	
			For >100 To 250, Add	0.32	
			For >250 To 500, Add	0.14	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.17	
			For >20,000, Deduct	-0.22	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0089	SF 2 Coats Paint, Brush/Roller Work, Paint Interior Galvanized Walls	2.07	
	For Electrostatic Painting, Add	0.29	
	For Work >15' To 20' Above Floor, Add	0.23	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.38	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.61	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.84	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.22	
	For >100 To 250, Add	0.59	
	For >250 To 500, Add	0.26	
	For >2,500 To 5,000, Deduct	-0.10	
	For >5,000 To 10,000, Deduct	-0.21	
	For >10,000 To 20,000, Deduct	-0.31	
	For >20,000, Deduct	-0.41	
09 91 23 00-0090	SF 1 Coat Primer, Sprayed, Paint Interior Galvanized Walls.....	0.75	
	For Electrostatic Painting, Add	0.13	
	For Work >15' To 20' Above Floor, Add	0.06	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.10	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.15	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.21	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.34	
	For >100 To 250, Add	0.17	
	For >250 To 500, Add	0.08	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.11	
	For >20,000, Deduct	-0.15	
09 91 23 00-0091	SF 1 Coat Paint, Sprayed, Paint Interior Galvanized Walls.....	0.98	
	For Electrostatic Painting, Add	0.15	
	For Work >15' To 20' Above Floor, Add	0.09	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.15	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.24	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.34	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.51	
	For >100 To 250, Add	0.25	
	For >250 To 500, Add	0.11	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.10	
	For >10,000 To 20,000, Deduct	-0.15	
	For >20,000, Deduct	-0.20	
09 91 23 00-0092	SF 2 Coats Paint, Sprayed, Paint Interior Galvanized Walls	1.64	
	For Electrostatic Painting, Add	0.28	
	For Work >15' To 20' Above Floor, Add	0.14	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.23	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.36	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.50	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.79	
	For >100 To 250, Add	0.39	
	For >250 To 500, Add	0.17	
	For >2,500 To 5,000, Deduct	-0.08	
	For >5,000 To 10,000, Deduct	-0.16	
	For >10,000 To 20,000, Deduct	-0.25	
	For >20,000, Deduct	-0.33	
09 91 23 00-0093	Paint Interior Aluminum And Aluminum Alloy Walls (09 91 23 00-0082)		
	Note: Alkyd enamel paint.		
09 91 23 00-0094	SF 1 Coat Primer, Brush Work, Paint Interior Aluminum And Aluminum Alloy Wall Surfaces.....	1.28	
	For Electrostatic Painting, Add	0.18	
	For Work >15' To 20' Above Floor, Add	0.14	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.24	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.38	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.53	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.77	
	For >100 To 250, Add	0.37	
	For >250 To 500, Add	0.16	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.13	
	For >10,000 To 20,000, Deduct	-0.19	
	For >20,000, Deduct	-0.26	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 23 00-0095	SF	1	Coat Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Wall Surfaces	1.42	
			For Electrostatic Painting, Add	0.19	
			For Work >15' To 20' Above Floor, Add	0.17	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.28	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.44	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.61	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.87	
			For >100 To 250, Add	0.42	
			For >250 To 500, Add	0.18	
			For >2,500 To 5,000, Deduct	-0.07	
			For >5,000 To 10,000, Deduct	-0.14	
			For >10,000 To 20,000, Deduct	-0.21	
			For >20,000, Deduct	-0.28	
09 91 23 00-0096	SF	2	Coats Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Wall Surfaces	2.56	
			For Electrostatic Painting, Add	0.35	
			For Work >15' To 20' Above Floor, Add	0.29	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.48	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.77	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	1.06	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.54	
			For >100 To 250, Add	0.74	
			For >250 To 500, Add	0.32	
			For >2,500 To 5,000, Deduct	-0.13	
			For >5,000 To 10,000, Deduct	-0.26	
			For >10,000 To 20,000, Deduct	-0.38	
			For >20,000, Deduct	-0.51	
09 91 23 00-0097	SF	1	Coat Primer, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Walls	1.06	
			For Electrostatic Painting, Add	0.16	
			For Work >15' To 20' Above Floor, Add	0.10	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.17	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.28	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.38	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.57	
			For >100 To 250, Add	0.28	
			For >250 To 500, Add	0.12	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.16	
			For >20,000, Deduct	-0.21	
09 91 23 00-0098	SF	1	Coat Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Walls	1.20	
			For Electrostatic Painting, Add	0.18	
			For Work >15' To 20' Above Floor, Add	0.12	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.21	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.33	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.46	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.68	
			For >100 To 250, Add	0.33	
			For >250 To 500, Add	0.14	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.12	
			For >10,000 To 20,000, Deduct	-0.18	
			For >20,000, Deduct	-0.24	
09 91 23 00-0099	SF	2	Coats Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Walls	2.26	
			For Electrostatic Painting, Add	0.34	
			For Work >15' To 20' Above Floor, Add	0.23	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.38	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.61	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.84	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.25	
			For >100 To 250, Add	0.61	
			For >250 To 500, Add	0.27	
			For >2,500 To 5,000, Deduct	-0.11	
			For >5,000 To 10,000, Deduct	-0.23	
			For >10,000 To 20,000, Deduct	-0.34	
			For >20,000, Deduct	-0.45	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0100	SF 1 Coat Primer, Sprayed, Paint Interior Aluminum And Aluminum Alloy Walls.....	0.83	
	For Electrostatic Painting, Add	0.14	
	For Work >15' To 20' Above Floor, Add	0.07	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.12	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.18	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.25	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.40	
	For >100 To 250, Add	0.20	
	For >250 To 500, Add	0.09	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.12	
	For >20,000, Deduct	-0.17	
09 91 23 00-0101	SF 1 Coat Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Walls.....	0.98	
	For Electrostatic Painting, Add	0.15	
	For Work >15' To 20' Above Floor, Add	0.09	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.15	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.24	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.34	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.51	
	For >100 To 250, Add	0.25	
	For >250 To 500, Add	0.11	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.10	
	For >10,000 To 20,000, Deduct	-0.15	
	For >20,000, Deduct	-0.20	
09 91 23 00-0102	SF 2 Coats Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Walls.....	1.64	
	For Electrostatic Painting, Add	0.28	
	For Work >15' To 20' Above Floor, Add	0.14	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.23	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.36	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.50	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.79	
	For >100 To 250, Add	0.39	
	For >250 To 500, Add	0.17	
	For >2,500 To 5,000, Deduct	-0.08	
	For >5,000 To 10,000, Deduct	-0.16	
	For >10,000 To 20,000, Deduct	-0.25	
	For >20,000, Deduct	-0.33	
09 91 23 00-0103	Paint Interior Corrugated Metal Walls (09 91 23 00-0082)		
09 91 23 00-0104	SF 1 Coat Primer, Sprayed, Paint Interior Corrugated Metal Walls.....	0.92	
	For Electrostatic Painting, Add	0.16	
	For Work >15' To 20' Above Floor, Add	0.08	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.13	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.20	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.28	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.44	
	For >100 To 250, Add	0.22	
	For >250 To 500, Add	0.10	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.14	
	For >20,000, Deduct	-0.18	
09 91 23 00-0105	SF 1 Coat Paint, Sprayed, Paint Interior Corrugated Metal Walls.....	1.23	
	For Electrostatic Painting, Add	0.19	
	For Work >15' To 20' Above Floor, Add	0.12	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.20	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.32	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.45	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.67	
	For >100 To 250, Add	0.33	
	For >250 To 500, Add	0.14	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.12	
	For >10,000 To 20,000, Deduct	-0.18	
	For >20,000, Deduct	-0.25	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 23 00-0106	SF		2 Coats Paint, Sprayed, Paint Interior Corrugated Metal Walls	2.07	
			<i>For Electrostatic Painting, Add</i>	0.33	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.18	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.31	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.49	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.67	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.04	
			<i>For >100 To 250, Add</i>	0.51	
			<i>For >250 To 500, Add</i>	0.23	
			<i>For >2,500 To 5,000, Deduct</i>	-0.10	
			<i>For >5,000 To 10,000, Deduct</i>	-0.21	
			<i>For >10,000 To 20,000, Deduct</i>	-0.31	
			<i>For >20,000, Deduct</i>	-0.41	

09 91 23 00-0107 Paint Interior Stucco Walls (09 91 23 00-0001)

09 91 23 00-0108	LF		1 Coat Paint, Cut-in Brush Work, Paint Interior Stucco Wall Surfaces.....	0.31	
			<i>For Oil Based Paint, Add</i>	0.02	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.04	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.07	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.11	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.15	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.21	
			<i>For >100 To 250, Add</i>	0.10	
			<i>For >250 To 500, Add</i>	0.04	
			<i>For >2,500 To 5,000, Deduct</i>	-0.02	
			<i>For >5,000 To 10,000, Deduct</i>	-0.03	
			<i>For >10,000 To 20,000, Deduct</i>	-0.05	
			<i>For >20,000, Deduct</i>	-0.06	

09 91 23 00-0109	SF		1 Coat Primer, Brush Work, Paint Interior Stucco Wall Surfaces.....	1.72	
			<i>For Oil Based Paint, Add</i>	0.10	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.23	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.38	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.60	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.83	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.16	
			<i>For >100 To 250, Add</i>	0.55	
			<i>For >250 To 500, Add</i>	0.24	
			<i>For >2,500 To 5,000, Deduct</i>	-0.09	
			<i>For >5,000 To 10,000, Deduct</i>	-0.17	
			<i>For >10,000 To 20,000, Deduct</i>	-0.26	
			<i>For >20,000, Deduct</i>	-0.34	

09 91 23 00-0110	SF		1 Coat Paint, Brush Work, Paint Interior Stucco Wall Surfaces	1.89	
			<i>For Oil Based Paint, Add</i>	0.11	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.25	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.41	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.66	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.91	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.27	
			<i>For >100 To 250, Add</i>	0.60	
			<i>For >250 To 500, Add</i>	0.26	
			<i>For >2,500 To 5,000, Deduct</i>	-0.09	
			<i>For >5,000 To 10,000, Deduct</i>	-0.19	
			<i>For >10,000 To 20,000, Deduct</i>	-0.28	
			<i>For >20,000, Deduct</i>	-0.38	

09 91 23 00-0111	SF		2 Coats Paint, Brush Work, Paint Interior Stucco Wall Surfaces	3.34	
			<i>For Oil Based Paint, Add</i>	0.19	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.43	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.72	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	1.14	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	1.57	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	2.22	
			<i>For >100 To 250, Add</i>	1.05	
			<i>For >250 To 500, Add</i>	0.45	
			<i>For >2,500 To 5,000, Deduct</i>	-0.17	
			<i>For >5,000 To 10,000, Deduct</i>	-0.33	
			<i>For >10,000 To 20,000, Deduct</i>	-0.50	
			<i>For >20,000, Deduct</i>	-0.67	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0112	SF 1 Coat Primer, Brush/Roller Work, Paint Interior Stucco Wall Surfaces.....	1.30	
	For Oil Based Paint, Add	0.08	
	For Work >15' To 20' Above Floor, Add	0.16	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.27	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.44	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.60	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.85	
	For >100 To 250, Add	0.40	
	For >250 To 500, Add	0.17	
	For >2,500 To 5,000, Deduct	-0.07	
	For >5,000 To 10,000, Deduct	-0.13	
	For >10,000 To 20,000, Deduct	-0.20	
	For >20,000, Deduct	-0.26	
09 91 23 00-0113	SF 1 Coat Paint, Brush/Roller Work, Paint Interior Stucco Wall Surfaces.....	1.47	
	For Oil Based Paint, Add	0.09	
	For Work >15' To 20' Above Floor, Add	0.18	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.31	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.49	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.68	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.96	
	For >100 To 250, Add	0.45	
	For >250 To 500, Add	0.20	
	For >2,500 To 5,000, Deduct	-0.07	
	For >5,000 To 10,000, Deduct	-0.15	
	For >10,000 To 20,000, Deduct	-0.22	
	For >20,000, Deduct	-0.29	
09 91 23 00-0114	SF 2 Coats Paint, Brush/Roller Work, Paint Interior Stucco Wall Surfaces.....	2.69	
	For Oil Based Paint, Add	0.16	
	For Work >15' To 20' Above Floor, Add	0.33	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.55	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.88	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	1.22	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.73	
	For >100 To 250, Add	0.82	
	For >250 To 500, Add	0.36	
	For >2,500 To 5,000, Deduct	-0.13	
	For >5,000 To 10,000, Deduct	-0.27	
	For >10,000 To 20,000, Deduct	-0.40	
	For >20,000, Deduct	-0.54	
09 91 23 00-0115	SF 1 Coat Primer, Sprayed, Paint Interior Stucco Wall Surfaces.....	0.88	
	For Oil Based Paint, Add	0.06	
	For Work >15' To 20' Above Floor, Add	0.10	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.16	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.26	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.35	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.52	
	For >100 To 250, Add	0.25	
	For >250 To 500, Add	0.11	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.13	
	For >20,000, Deduct	-0.18	
09 91 23 00-0116	SF 1 Coat Paint, Sprayed, Paint Interior Stucco Wall Surfaces.....	1.07	
	For Oil Based Paint, Add	0.07	
	For Work >15' To 20' Above Floor, Add	0.11	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.19	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.30	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.42	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.62	
	For >100 To 250, Add	0.30	
	For >250 To 500, Add	0.13	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.11	
	For >10,000 To 20,000, Deduct	-0.16	
	For >20,000, Deduct	-0.21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 23 00-0117	SF	2 Coats Paint, Sprayed, Paint Interior Stucco Wall Surfaces.....	2.08		
		For Oil Based Paint, Add	0.13		
		For Work >15' To 20' Above Floor, Add	0.23		
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add	0.38		
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add	0.61		
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add	0.84		
		Note: Applied only to work area above 40'.			
		For Up To 100, Add	1.23		
		For >100 To 250, Add	0.59		
		For >250 To 500, Add	0.26		
		For >2,500 To 5,000, Deduct	-0.10		
		For >5,000 To 10,000, Deduct	-0.21		
		For >10,000 To 20,000, Deduct	-0.31		
		For >20,000, Deduct	-0.42		

09 91 23 00-0118 Paint Interior Wood Walls (09 91 23 00-0001)

09 91 23 00-0119 Interior Wood Walls (09 91 23 00-0118)

09 91 23 00-0120	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Wood Wall Surfaces	0.22		
		For Oil Based Paint, Add	0.01		
		For Work >15' To 20' Above Floor, Add	0.03		
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add	0.05		
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add	0.08		
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add	0.10		
		Note: Applied only to work area above 40'.			
		For Up To 100, Add	0.15		
		For >100 To 250, Add	0.07		
		For >250 To 500, Add	0.03		
		For >2,500 To 5,000, Deduct	-0.01		
		For >5,000 To 10,000, Deduct	-0.02		
		For >10,000 To 20,000, Deduct	-0.03		
		For >20,000, Deduct	-0.04		

09 91 23 00-0121	SF	1 Coat Paint, Brush Work, Paint Interior Wood Wall Surfaces.....	1.28		
		For Oil Based Paint, Add	0.07		
		For Work >15' To 20' Above Floor, Add	0.17		
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add	0.28		
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add	0.44		
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add	0.61		
		Note: Applied only to work area above 40'.			
		For Up To 100, Add	0.86		
		For >100 To 250, Add	0.41		
		For >250 To 500, Add	0.18		
		For >2,500 To 5,000, Deduct	-0.06		
		For >5,000 To 10,000, Deduct	-0.13		
		For >10,000 To 20,000, Deduct	-0.19		
		For >20,000, Deduct	-0.26		

09 91 23 00-0122	SF	2 Coats Paint, Brush Work, Paint Interior Wood Wall Surfaces.....	2.35		
		For Oil Based Paint, Add	0.13		
		For Work >15' To 20' Above Floor, Add	0.30		
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add	0.50		
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add	0.80		
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add	1.11		
		Note: Applied only to work area above 40'.			
		For Up To 100, Add	1.56		
		For >100 To 250, Add	0.74		
		For >250 To 500, Add	0.32		
		For >2,500 To 5,000, Deduct	-0.12		
		For >5,000 To 10,000, Deduct	-0.24		
		For >10,000 To 20,000, Deduct	-0.35		
		For >20,000, Deduct	-0.47		

09 91 23 00-0123	SF	3 Coats Paint, Brush Work, Paint Interior Wood Wall Surfaces.....	3.34		
		For Oil Based Paint, Add	0.19		
		For Work >15' To 20' Above Floor, Add	0.42		
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add	0.71		
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add	1.13		
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add	1.56		
		Note: Applied only to work area above 40'.			
		For Up To 100, Add	2.20		
		For >100 To 250, Add	1.04		
		For >250 To 500, Add	0.45		
		For >2,500 To 5,000, Deduct	-0.17		
		For >5,000 To 10,000, Deduct	-0.33		
		For >10,000 To 20,000, Deduct	-0.50		
		For >20,000, Deduct	-0.67		

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0124	SF 1 Coat Primer, Brush/Roller Work, Paint Interior Wood Walls	0.91	
	For Oil Based Paint, Add	0.05	
	For Work >15' To 20' Above Floor, Add	0.11	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.19	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.30	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.41	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.58	
	For >100 To 250, Add	0.28	
	For >250 To 500, Add	0.12	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.14	
	For >20,000, Deduct	-0.18	
09 91 23 00-0125	SF 1 Coat Paint, Brush/Roller Work, Paint Interior Wood Walls	1.04	
	For Oil Based Paint, Add	0.06	
	For Work >15' To 20' Above Floor, Add	0.13	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.22	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.35	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.48	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.68	
	For >100 To 250, Add	0.32	
	For >250 To 500, Add	0.14	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.10	
	For >10,000 To 20,000, Deduct	-0.16	
	For >20,000, Deduct	-0.21	
09 91 23 00-0126	SF 2 Coats Paint, Brush/Roller Work, Paint Interior Wood Walls	1.83	
	For Oil Based Paint, Add	0.11	
	For Work >15' To 20' Above Floor, Add	0.22	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.37	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.60	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.82	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.17	
	For >100 To 250, Add	0.56	
	For >250 To 500, Add	0.24	
	For >2,500 To 5,000, Deduct	-0.09	
	For >5,000 To 10,000, Deduct	-0.18	
	For >10,000 To 20,000, Deduct	-0.27	
	For >20,000, Deduct	-0.37	
09 91 23 00-0127	SF 1 Coat Primer, Sprayed, Paint Interior Wood Walls	0.63	
	For Oil Based Paint, Add	0.04	
	For Work >15' To 20' Above Floor, Add	0.06	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.11	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.17	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.23	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.35	
	For >100 To 250, Add	0.17	
	For >250 To 500, Add	0.07	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.06	
	For >10,000 To 20,000, Deduct	-0.09	
	For >20,000, Deduct	-0.13	
09 91 23 00-0128	SF 1 Coat Paint, Sprayed, Paint Interior Wood Walls	0.80	
	For Oil Based Paint, Add	0.05	
	For Work >15' To 20' Above Floor, Add	0.08	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.14	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.22	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.31	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.46	
	For >100 To 250, Add	0.22	
	For >250 To 500, Add	0.10	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.12	
	For >20,000, Deduct	-0.16	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 23 00-0129	SF		2 Coats Paint, Sprayed, Paint Interior Wood Walls.....	1.44	
			<i>For Oil Based Paint, Add</i>	0.10	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.14	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.24	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.38	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.53	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.79	
			<i>For >100 To 250, Add</i>	0.38	
			<i>For >250 To 500, Add</i>	0.17	
			<i>For >2,500 To 5,000, Deduct</i>	-0.07	
			<i>For >5,000 To 10,000, Deduct</i>	-0.14	
			<i>For >10,000 To 20,000, Deduct</i>	-0.22	
			<i>For >20,000, Deduct</i>	-0.29	

09 91 23 00-0130 Paint Interior Ceilings (09 91 23)
09 91 23 00-0131 Paint Interior Acoustical Ceilings (09 91 23 00-0130)

09 91 23 00-0132	LF		1 Coat Paint, Cut-in Brush Work, Paint Interior Acoustical Ceiling	0.34	
			<i>For Oil Based Paint, Add</i>	0.02	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.03	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.05	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.08	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.11	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.17	
			<i>For >100 To 250, Add</i>	0.08	
			<i>For >250 To 500, Add</i>	0.04	
			<i>For >2,500 To 5,000, Deduct</i>	-0.02	
			<i>For >5,000 To 10,000, Deduct</i>	-0.03	
			<i>For >10,000 To 20,000, Deduct</i>	-0.05	
			<i>For >20,000, Deduct</i>	-0.07	

09 91 23 00-0133	SF		1 Coat Primer, Brush Work, Paint Interior Acoustical Ceiling	1.13	
			<i>For Oil Based Paint, Add</i>	0.07	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.14	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.24	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.38	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.53	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.75	
			<i>For >100 To 250, Add</i>	0.35	
			<i>For >250 To 500, Add</i>	0.15	
			<i>For >2,500 To 5,000, Deduct</i>	-0.06	
			<i>For >5,000 To 10,000, Deduct</i>	-0.11	
			<i>For >10,000 To 20,000, Deduct</i>	-0.17	
			<i>For >20,000, Deduct</i>	-0.23	

09 91 23 00-0134	SF		1 Coat Paint, Brush Work, Paint Interior Acoustical Ceiling	1.24	
			<i>For Oil Based Paint, Add</i>	0.07	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.17	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.28	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.44	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.61	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.85	
			<i>For >100 To 250, Add</i>	0.40	
			<i>For >250 To 500, Add</i>	0.17	
			<i>For >2,500 To 5,000, Deduct</i>	-0.06	
			<i>For >5,000 To 10,000, Deduct</i>	-0.12	
			<i>For >10,000 To 20,000, Deduct</i>	-0.19	
			<i>For >20,000, Deduct</i>	-0.25	

09 91 23 00-0135	SF		2 Coats Paint, Brush Work, Paint Interior Acoustical Ceiling	2.20	
			<i>For Oil Based Paint, Add</i>	0.12	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.29	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.48	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.77	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	1.06	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.49	
			<i>For >100 To 250, Add</i>	0.70	
			<i>For >250 To 500, Add</i>	0.30	
			<i>For >2,500 To 5,000, Deduct</i>	-0.11	
			<i>For >5,000 To 10,000, Deduct</i>	-0.22	
			<i>For >10,000 To 20,000, Deduct</i>	-0.33	
			<i>For >20,000, Deduct</i>	-0.44	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 91 23 00-0136	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Acoustical Ceiling	0.98	
		For Oil Based Paint, Add	0.06	
		For Work >15' To 20' Above Floor, Add	0.12	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.20	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.32	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.45	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.63	
		For >100 To 250, Add	0.30	
		For >250 To 500, Add	0.13	
		For >2,500 To 5,000, Deduct	-0.05	
		For >5,000 To 10,000, Deduct	-0.10	
		For >10,000 To 20,000, Deduct	-0.15	
		For >20,000, Deduct	-0.20	
09 91 23 00-0137	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Acoustical Ceiling.....	0.96	
		For Oil Based Paint, Add	0.06	
		For Work >15' To 20' Above Floor, Add	0.12	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.21	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.33	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.45	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.64	
		For >100 To 250, Add	0.30	
		For >250 To 500, Add	0.13	
		For >2,500 To 5,000, Deduct	-0.05	
		For >5,000 To 10,000, Deduct	-0.10	
		For >10,000 To 20,000, Deduct	-0.14	
		For >20,000, Deduct	-0.19	
09 91 23 00-0138	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Acoustical Ceiling.....	1.78	
		For Oil Based Paint, Add	0.10	
		For Work >15' To 20' Above Floor, Add	0.23	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.38	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.60	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.83	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	1.17	
		For >100 To 250, Add	0.56	
		For >250 To 500, Add	0.24	
		For >2,500 To 5,000, Deduct	-0.09	
		For >5,000 To 10,000, Deduct	-0.18	
		For >10,000 To 20,000, Deduct	-0.27	
		For >20,000, Deduct	-0.36	
09 91 23 00-0139	SF	1 Coat Primer, Sprayed, Paint Interior Acoustical Ceiling.....	0.81	
		For Oil Based Paint, Add	0.05	
		For Work >15' To 20' Above Floor, Add	0.09	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.15	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.24	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.33	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.48	
		For >100 To 250, Add	0.23	
		For >250 To 500, Add	0.10	
		For >2,500 To 5,000, Deduct	-0.04	
		For >5,000 To 10,000, Deduct	-0.08	
		For >10,000 To 20,000, Deduct	-0.12	
		For >20,000, Deduct	-0.16	
09 91 23 00-0140	SF	1 Coat Paint, Sprayed, Paint Interior Acoustical Ceiling	0.78	
		For Oil Based Paint, Add	0.05	
		For Work >15' To 20' Above Floor, Add	0.09	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.15	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.24	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.34	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.48	
		For >100 To 250, Add	0.23	
		For >250 To 500, Add	0.10	
		For >2,500 To 5,000, Deduct	-0.04	
		For >5,000 To 10,000, Deduct	-0.08	
		For >10,000 To 20,000, Deduct	-0.12	
		For >20,000, Deduct	-0.16	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 23 00-0141	SF		2 Coats Paint, Sprayed, Paint Interior Acoustical Ceiling	1.26	
			<i>For Oil Based Paint, Add</i>	0.08	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.14	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.23	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.37	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.51	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.74	
			<i>For >100 To 250, Add</i>	0.36	
			<i>For >250 To 500, Add</i>	0.16	
			<i>For >2,500 To 5,000, Deduct</i>	-0.06	
			<i>For >5,000 To 10,000, Deduct</i>	-0.13	
			<i>For >10,000 To 20,000, Deduct</i>	-0.19	
			<i>For >20,000, Deduct</i>	-0.25	

09 91 23 00-0142 Paint Interior Concrete Ceilings (09 91 23 00-0130)

09 91 23 00-0143	LF		1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Ceiling	0.20	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.03	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.05	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.07	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.10	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.14	
			<i>For >100 To 250, Add</i>	0.07	
			<i>For >250 To 500, Add</i>	0.03	
			<i>For >2,500 To 5,000, Deduct</i>	-0.01	
			<i>For >5,000 To 10,000, Deduct</i>	-0.02	
			<i>For >10,000 To 20,000, Deduct</i>	-0.03	
			<i>For >20,000, Deduct</i>	-0.04	

09 91 23 00-0144	SF		1 Coat Filler, Brush Work, Paint Interior Concrete Ceiling	1.13	
			<i>For Oil Based Paint, Add</i>	0.07	
			<i>For Epoxy Paint, Add</i>	0.11	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.14	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.24	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.38	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.53	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.75	
			<i>For >100 To 250, Add</i>	0.35	
			<i>For >250 To 500, Add</i>	0.15	
			<i>For >2,500 To 5,000, Deduct</i>	-0.06	
			<i>For >5,000 To 10,000, Deduct</i>	-0.11	
			<i>For >10,000 To 20,000, Deduct</i>	-0.17	
			<i>For >20,000, Deduct</i>	-0.23	

09 91 23 00-0145	SF		1 Coat Paint, Brush Work, Paint Interior Concrete Ceiling	1.24	
			<i>For Oil Based Paint, Add</i>	0.07	
			<i>For Epoxy Paint, Add</i>	0.10	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.17	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.28	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.44	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.61	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.85	
			<i>For >100 To 250, Add</i>	0.40	
			<i>For >250 To 500, Add</i>	0.17	
			<i>For >2,500 To 5,000, Deduct</i>	-0.06	
			<i>For >5,000 To 10,000, Deduct</i>	-0.12	
			<i>For >10,000 To 20,000, Deduct</i>	-0.19	
			<i>For >20,000, Deduct</i>	-0.25	

09 91 23 00-0146	SF		2 Coats Paint, Brush Work, Paint Interior Concrete Ceiling	2.19	
			<i>For Oil Based Paint, Add</i>	0.12	
			<i>For Epoxy Paint, Add</i>	0.19	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.29	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.48	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.77	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	1.06	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.48	
			<i>For >100 To 250, Add</i>	0.70	
			<i>For >250 To 500, Add</i>	0.30	
			<i>For >2,500 To 5,000, Deduct</i>	-0.11	
			<i>For >5,000 To 10,000, Deduct</i>	-0.22	
			<i>For >10,000 To 20,000, Deduct</i>	-0.33	
			<i>For >20,000, Deduct</i>	-0.44	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0147	SF	1	Coat Filler, Brush/Roller Work, Paint Interior Concrete Ceiling.....	0.86	
			For Oil Based Paint, Add	0.05	
			For Epoxy Paint, Add	0.09	
			For Work >15' To 20' Above Floor, Add	0.10	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.17	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.28	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.38	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.54	
			For >100 To 250, Add	0.26	
			For >250 To 500, Add	0.11	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 20,000, Deduct	-0.13	
			For >20,000, Deduct	-0.17	
09 91 23 00-0148	SF	1	Coat Paint, Brush/Roller Work, Paint Interior Concrete Ceiling	0.97	
			For Oil Based Paint, Add	0.06	
			For Epoxy Paint, Add	0.09	
			For Work >15' To 20' Above Floor, Add	0.12	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.21	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.33	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.46	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.64	
			For >100 To 250, Add	0.30	
			For >250 To 500, Add	0.13	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.10	
			For >10,000 To 20,000, Deduct	-0.15	
			For >20,000, Deduct	-0.19	
09 91 23 00-0149	SF	2	Coats Paint, Brush/Roller Work, Paint Interior Concrete Ceiling.....	1.79	
			For Oil Based Paint, Add	0.10	
			For Epoxy Paint, Add	0.17	
			For Work >15' To 20' Above Floor, Add	0.23	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.38	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.61	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.84	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.18	
			For >100 To 250, Add	0.56	
			For >250 To 500, Add	0.24	
			For >2,500 To 5,000, Deduct	-0.09	
			For >5,000 To 10,000, Deduct	-0.18	
			For >10,000 To 20,000, Deduct	-0.27	
			For >20,000, Deduct	-0.36	
09 91 23 00-0150	SF	1	Coat Filler, Sprayed, Paint Interior Concrete Ceiling.....	0.77	
			For Oil Based Paint, Add	0.05	
			For Epoxy Paint, Add	0.10	
			For Work >15' To 20' Above Floor, Add	0.08	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.14	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.22	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.31	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.45	
			For >100 To 250, Add	0.22	
			For >250 To 500, Add	0.09	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.08	
			For >10,000 To 20,000, Deduct	-0.12	
			For >20,000, Deduct	-0.15	
09 91 23 00-0151	SF	1	Coat Paint, Sprayed, Paint Interior Concrete Ceiling.....	0.78	
			For Oil Based Paint, Add	0.05	
			For Epoxy Paint, Add	0.09	
			For Work >15' To 20' Above Floor, Add	0.09	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.15	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.24	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.34	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.48	
			For >100 To 250, Add	0.23	
			For >250 To 500, Add	0.10	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.08	
			For >10,000 To 20,000, Deduct	-0.12	
			For >20,000, Deduct	-0.16	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 23 00-0152	SF		2 Coats Paint, Sprayed, Paint Interior Concrete Ceiling	1.24	
			For Oil Based Paint, Add	0.08	
			For Epoxy Paint, Add	0.16	
			For Work >15' To 20' Above Floor, Add	0.14	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.23	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.36	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.50	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.73	
			For >100 To 250, Add	0.35	
			For >250 To 500, Add	0.15	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.12	
			For >10,000 To 20,000, Deduct	-0.19	
			For >20,000, Deduct	-0.25	
09 91 23 00-0153	SF		1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Ceiling	1.16	
			For Work >15' To 20' Above Floor, Add	0.14	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.24	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.38	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.53	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.75	
			For >100 To 250, Add	0.36	
			For >250 To 500, Add	0.15	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.12	
			For >10,000 To 20,000, Deduct	-0.17	
			For >20,000, Deduct	-0.23	
09 91 23 00-0154	SF		1 Coat Bonding Agent, Brush/Roller, Paint Interior Concrete Ceiling	0.89	
			For Work >15' To 20' Above Floor, Add	0.10	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.17	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.28	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.38	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.55	
			For >100 To 250, Add	0.26	
			For >250 To 500, Add	0.11	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 20,000, Deduct	-0.13	
			For >20,000, Deduct	-0.18	
09 91 23 00-0155	SF		1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Ceiling.....	0.80	
			For Work >15' To 20' Above Floor, Add	0.08	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.14	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.22	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.31	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.46	
			For >100 To 250, Add	0.22	
			For >250 To 500, Add	0.10	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.08	
			For >10,000 To 20,000, Deduct	-0.12	
			For >20,000, Deduct	-0.16	

09 91 23 00-0156 Paint Interior Drywall/Plaster Ceilings (09 91 23 00-0130)

09 91 23 00-0157	LF		1 Coat Paint, Cut-in Brush Work, Paint Interior Drywall/Plaster Ceiling	0.20	
			For Epoxy Paint, Add	0.02	
			For Oil Based Paint, Add	0.01	
			For Work >15' To 20' Above Floor, Add	0.03	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.05	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.07	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.10	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.14	
			For >100 To 250, Add	0.07	
			For >250 To 500, Add	0.03	
			For >2,500 To 5,000, Deduct	-0.01	
			For >5,000 To 10,000, Deduct	-0.02	
			For >10,000 To 20,000, Deduct	-0.03	
			For >20,000, Deduct	-0.04	

09 Finishes
09 90 Painting and Coating
09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0158	SF 1 Coat Primer, Brush Work, Pain Interior Drywall/Plaster Ceiling	1.13	
	For Epoxy Paint, Add	0.11	
	For Oil Based Paint, Add	0.07	
	For Orange Peel Finish, Add	0.16	
	For Work >15' To 20' Above Floor, Add	0.14	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.24	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.38	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.53	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.75	
	For >100 To 250, Add	0.35	
	For >250 To 500, Add	0.15	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.11	
	For >10,000 To 20,000, Deduct	-0.17	
	For >20,000, Deduct	-0.23	
09 91 23 00-0159	SF 1 Coat Paint, Brush Work, Paint Interior Drywall/Plaster Ceiling	1.24	
	For Epoxy Paint, Add	0.10	
	For Oil Based Paint, Add	0.07	
	For Orange Peel Finish, Add	0.18	
	For Work >15' To 20' Above Floor, Add	0.17	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.28	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.44	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.61	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.85	
	For >100 To 250, Add	0.40	
	For >250 To 500, Add	0.17	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.12	
	For >10,000 To 20,000, Deduct	-0.19	
	For >20,000, Deduct	-0.25	
09 91 23 00-0160	SF 2 Coats Paint, Brush Work, Paint Interior Drywall/Plaster Ceiling.....	2.20	
	For Epoxy Paint, Add	0.19	
	For Oil Based Paint, Add	0.12	
	For Orange Peel Finish, Add	0.31	
	For Work >15' To 20' Above Floor, Add	0.29	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.48	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.77	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	1.06	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.49	
	For >100 To 250, Add	0.70	
	For >250 To 500, Add	0.30	
	For >2,500 To 5,000, Deduct	-0.11	
	For >5,000 To 10,000, Deduct	-0.22	
	For >10,000 To 20,000, Deduct	-0.33	
	For >20,000, Deduct	-0.44	
09 91 23 00-0161	SF 1 Coat Primer, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling.....	0.98	
	For Epoxy Paint, Add	0.10	
	For Oil Based Paint, Add	0.06	
	For Orange Peel Finish, Add	0.14	
	For Work >15' To 20' Above Floor, Add	0.12	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.20	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.32	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.45	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.63	
	For >100 To 250, Add	0.30	
	For >250 To 500, Add	0.13	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.10	
	For >10,000 To 20,000, Deduct	-0.15	
	For >20,000, Deduct	-0.20	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0162	SF	1	Coat Paint, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling	0.96	
			For Epoxy Paint, Add	0.09	
			For Oil Based Paint, Add	0.06	
			For Orange Peel Finish, Add	0.13	
			For Work >15' To 20' Above Floor, Add	0.12	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.21	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.33	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.45	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.64	
			For >100 To 250, Add	0.30	
			For >250 To 500, Add	0.13	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.10	
			For >10,000 To 20,000, Deduct	-0.14	
			For >20,000, Deduct	-0.19	
09 91 23 00-0163	SF	2	Coats Paint, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling	1.78	
			For Epoxy Paint, Add	0.17	
			For Oil Based Paint, Add	0.10	
			For Orange Peel Finish, Add	0.25	
			For Work >15' To 20' Above Floor, Add	0.23	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.38	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.60	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.83	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.17	
			For >100 To 250, Add	0.56	
			For >250 To 500, Add	0.24	
			For >2,500 To 5,000, Deduct	-0.09	
			For >5,000 To 10,000, Deduct	-0.18	
			For >10,000 To 20,000, Deduct	-0.27	
			For >20,000, Deduct	-0.36	
09 91 23 00-0164	SF	1	Coat Primer, Sprayed, Paint Interior Drywall/Plaster Ceiling	0.81	
			For Epoxy Paint, Add	0.10	
			For Oil Based Paint, Add	0.05	
			For Work >15' To 20' Above Floor, Add	0.09	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.15	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.24	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.33	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.48	
			For >100 To 250, Add	0.23	
			For >250 To 500, Add	0.10	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.08	
			For >10,000 To 20,000, Deduct	-0.12	
			For >20,000, Deduct	-0.16	
09 91 23 00-0165	SF	1	Coat Paint, Sprayed, Paint Interior Drywall/Plaster Ceiling	0.78	
			For Epoxy Paint, Add	0.09	
			For Oil Based Paint, Add	0.05	
			For Work >15' To 20' Above Floor, Add	0.09	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.15	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.24	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.34	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.48	
			For >100 To 250, Add	0.23	
			For >250 To 500, Add	0.10	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.08	
			For >10,000 To 20,000, Deduct	-0.12	
			For >20,000, Deduct	-0.16	
09 91 23 00-0166	SF	2	Coats Paint, Sprayed, Paint Interior Drywall/Plaster Ceiling	1.26	
			For Epoxy Paint, Add	0.17	
			For Oil Based Paint, Add	0.08	
			For Work >15' To 20' Above Floor, Add	0.14	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.23	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.37	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.51	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.74	
			For >100 To 250, Add	0.36	
			For >250 To 500, Add	0.16	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.13	
			For >10,000 To 20,000, Deduct	-0.19	
			For >20,000, Deduct	-0.25	

09 Finishes
09 90 Painting and Coating
09 91 Painting

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 91 23 00-0167	Paint Interior Metal Ceilings (09 91 23 00-0130)	
09 91 23 00-0168	Galvanized Surfaces, Galvanized Primer (09 91 23 00-0167)	
	Note: Linseed oil or acrylic latex paint.	
09 91 23 00-0169	SF 1 Coat Primer, Brush Work, Paint Interior Galvanized Ceiling	1.42
	For Electrostatic Painting, Add	0.19
	For Work >15' To 20' Above Floor, Add	0.17
	Note: Applied only to work area above 15' to 20'.	
	For Work >20' To 30' Above Floor, Add	0.28
	Note: Applied only to work area above 20' to 30'.	
	For Work >30' To 40' Above Floor, Add	0.44
	Note: Applied only to work area above 30' to 40'.	
	For Work >40' Above Floor, Add	0.61
	Note: Applied only to work area above 40'.	
	For Up To 100, Add	0.87
	For >100 To 250, Add	0.42
	For >250 To 500, Add	0.18
	For >2,500 To 5,000, Deduct	-0.07
	For >5,000 To 10,000, Deduct	-0.14
	For >10,000 To 20,000, Deduct	-0.21
	For >20,000, Deduct	-0.28
09 91 23 00-0170	SF 1 Coat Paint, Brush Work, Paint Interior Galvanized Ceiling	1.56
	For Electrostatic Painting, Add	0.20
	For Work >15' To 20' Above Floor, Add	0.19
	Note: Applied only to work area above 15' to 20'.	
	For Work >20' To 30' Above Floor, Add	0.31
	Note: Applied only to work area above 20' to 30'.	
	For Work >30' To 40' Above Floor, Add	0.50
	Note: Applied only to work area above 30' to 40'.	
	For Work >40' Above Floor, Add	0.68
	Note: Applied only to work area above 40'.	
	For Up To 100, Add	0.98
	For >100 To 250, Add	0.47
	For >250 To 500, Add	0.20
	For >2,500 To 5,000, Deduct	-0.08
	For >5,000 To 10,000, Deduct	-0.16
	For >10,000 To 20,000, Deduct	-0.23
	For >20,000, Deduct	-0.31
09 91 23 00-0171	SF 2 Coats Paint, Brush Work, Paint Interior Galvanized Ceiling.....	2.85
	For Electrostatic Painting, Add	0.38
	For Work >15' To 20' Above Floor, Add	0.33
	Note: Applied only to work area above 15' to 20'.	
	For Work >20' To 30' Above Floor, Add	0.55
	Note: Applied only to work area above 20' to 30'.	
	For Work >30' To 40' Above Floor, Add	0.88
	Note: Applied only to work area above 30' to 40'.	
	For Work >40' Above Floor, Add	1.22
	Note: Applied only to work area above 40'.	
	For Up To 100, Add	1.75
	For >100 To 250, Add	0.84
	For >250 To 500, Add	0.36
	For >2,500 To 5,000, Deduct	-0.14
	For >5,000 To 10,000, Deduct	-0.29
	For >10,000 To 20,000, Deduct	-0.43
	For >20,000, Deduct	-0.57
09 91 23 00-0172	SF 1 Coat Primer, Brush/Roller Work, Paint Interior Galvanized Ceiling.....	1.09
	For Electrostatic Painting, Add	0.15
	For Work >15' To 20' Above Floor, Add	0.12
	Note: Applied only to work area above 15' to 20'.	
	For Work >20' To 30' Above Floor, Add	0.21
	Note: Applied only to work area above 20' to 30'.	
	For Work >30' To 40' Above Floor, Add	0.33
	Note: Applied only to work area above 30' to 40'.	
	For Work >40' Above Floor, Add	0.46
	Note: Applied only to work area above 40'.	
	For Up To 100, Add	0.66
	For >100 To 250, Add	0.32
	For >250 To 500, Add	0.14
	For >2,500 To 5,000, Deduct	-0.05
	For >5,000 To 10,000, Deduct	-0.11
	For >10,000 To 20,000, Deduct	-0.16
	For >20,000, Deduct	-0.22
09 91 23 00-0173	SF 1 Coat Paint, Brush/Roller Work, Paint Interior Galvanized Ceiling	1.22
	For Electrostatic Painting, Add	0.16
	For Work >15' To 20' Above Floor, Add	0.14
	Note: Applied only to work area above 15' to 20'.	
	For Work >20' To 30' Above Floor, Add	0.24
	Note: Applied only to work area above 20' to 30'.	
	For Work >30' To 40' Above Floor, Add	0.38
	Note: Applied only to work area above 30' to 40'.	
	For Work >40' Above Floor, Add	0.53
	Note: Applied only to work area above 40'.	
	For Up To 100, Add	0.76
	For >100 To 250, Add	0.36
	For >250 To 500, Add	0.16
	For >2,500 To 5,000, Deduct	-0.06
	For >5,000 To 10,000, Deduct	-0.12
	For >10,000 To 20,000, Deduct	-0.18
	For >20,000, Deduct	-0.24

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0174	SF		2 Coats Paint, Brush/Roller Work, Paint Interior Galvanized Ceiling	2.26	
			For Electrostatic Painting, Add	0.30	
			For Work >15' To 20' Above Floor, Add	0.26	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.44	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.70	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.96	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.38	
			For >100 To 250, Add	0.66	
			For >250 To 500, Add	0.29	
			For >2,500 To 5,000, Deduct	-0.11	
			For >5,000 To 10,000, Deduct	-0.23	
			For >10,000 To 20,000, Deduct	-0.34	
			For >20,000, Deduct	-0.45	
09 91 23 00-0175	SF		1 Coat Primer, Sprayed, Paint Interior Galvanized Ceiling	0.98	
			For Electrostatic Painting, Add	0.15	
			For Work >15' To 20' Above Floor, Add	0.09	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.15	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.24	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.34	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.51	
			For >100 To 250, Add	0.25	
			For >250 To 500, Add	0.11	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.10	
			For >10,000 To 20,000, Deduct	-0.15	
			For >20,000, Deduct	-0.20	
09 91 23 00-0176	SF		1 Coat Paint, Sprayed, Paint Interior Galvanized Ceiling.....	1.12	
			For Electrostatic Painting, Add	0.17	
			For Work >15' To 20' Above Floor, Add	0.11	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.19	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.30	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.41	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.62	
			For >100 To 250, Add	0.30	
			For >250 To 500, Add	0.13	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.17	
			For >20,000, Deduct	-0.22	
09 91 23 00-0177	SF		2 Coats Paint, Sprayed, Paint Interior Galvanized Ceiling.....	1.80	
			For Electrostatic Painting, Add	0.29	
			For Work >15' To 20' Above Floor, Add	0.16	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.27	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.42	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.58	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.91	
			For >100 To 250, Add	0.45	
			For >250 To 500, Add	0.20	
			For >2,500 To 5,000, Deduct	-0.09	
			For >5,000 To 10,000, Deduct	-0.18	
			For >10,000 To 20,000, Deduct	-0.27	
			For >20,000, Deduct	-0.36	
09 91 23 00-0178			Aluminum And Aluminum Alloy Surface Pretreatment Primer (09 91 23 00-0167)		
			Note: Alkyd enamel paint.		
09 91 23 00-0179	SF		1 Coat Primer, Brush Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.42	
			For Electrostatic Painting, Add	0.19	
			For Work >15' To 20' Above Floor, Add	0.17	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.28	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.44	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.61	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.87	
			For >100 To 250, Add	0.42	
			For >250 To 500, Add	0.18	
			For >2,500 To 5,000, Deduct	-0.07	
			For >5,000 To 10,000, Deduct	-0.14	
			For >10,000 To 20,000, Deduct	-0.21	
			For >20,000, Deduct	-0.28	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0180	SF 1 Coat Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.56	
	For Electrostatic Painting, Add	0.20	
	For Work >15' To 20' Above Floor, Add	0.19	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.31	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.50	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.68	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.98	
	For >100 To 250, Add	0.47	
	For >250 To 500, Add	0.20	
	For >2,500 To 5,000, Deduct	-0.08	
	For >5,000 To 10,000, Deduct	-0.16	
	For >10,000 To 20,000, Deduct	-0.23	
	For >20,000, Deduct	-0.31	
09 91 23 00-0181	SF 2 Coats Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Ceiling.....	2.85	
	For Electrostatic Painting, Add	0.38	
	For Work >15' To 20' Above Floor, Add	0.33	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.55	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.88	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	1.22	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.75	
	For >100 To 250, Add	0.84	
	For >250 To 500, Add	0.36	
	For >2,500 To 5,000, Deduct	-0.14	
	For >5,000 To 10,000, Deduct	-0.29	
	For >10,000 To 20,000, Deduct	-0.43	
	For >20,000, Deduct	-0.57	
09 91 23 00-0182	SF 1 Coat Primer, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Ceiling.....	1.20	
	For Electrostatic Painting, Add	0.18	
	For Work >15' To 20' Above Floor, Add	0.12	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.21	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.33	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.46	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.68	
	For >100 To 250, Add	0.33	
	For >250 To 500, Add	0.14	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.12	
	For >10,000 To 20,000, Deduct	-0.18	
	For >20,000, Deduct	-0.24	
09 91 23 00-0183	SF 1 Coat Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Ceiling.....	1.33	
	For Electrostatic Painting, Add	0.19	
	For Work >15' To 20' Above Floor, Add	0.14	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.24	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.38	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.53	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.78	
	For >100 To 250, Add	0.37	
	For >250 To 500, Add	0.16	
	For >2,500 To 5,000, Deduct	-0.07	
	For >5,000 To 10,000, Deduct	-0.13	
	For >10,000 To 20,000, Deduct	-0.20	
	For >20,000, Deduct	-0.27	
09 91 23 00-0184	SF 2 Coats Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	2.52	
	For Electrostatic Painting, Add	0.36	
	For Work >15' To 20' Above Floor, Add	0.27	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.45	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.71	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.98	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.45	
	For >100 To 250, Add	0.70	
	For >250 To 500, Add	0.30	
	For >2,500 To 5,000, Deduct	-0.13	
	For >5,000 To 10,000, Deduct	-0.25	
	For >10,000 To 20,000, Deduct	-0.38	
	For >20,000, Deduct	-0.50	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 23 00-0185	SF		1 Coat Primer, Sprayed, Paint Interior Aluminum And Aluminum Alloy Ceiling	0.98	
			<i>For Electrostatic Painting, Add</i>	0.15	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.09	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.15	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.24	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.34	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.51	
			<i>For >100 To 250, Add</i>	0.25	
			<i>For >250 To 500, Add</i>	0.11	
			<i>For >2,500 To 5,000, Deduct</i>	-0.05	
			<i>For >5,000 To 10,000, Deduct</i>	-0.10	
			<i>For >10,000 To 20,000, Deduct</i>	-0.15	
			<i>For >20,000, Deduct</i>	-0.20	
09 91 23 00-0186	SF		1 Coat Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Ceiling.....	1.12	
			<i>For Electrostatic Painting, Add</i>	0.17	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.11	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.19	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.30	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.41	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.62	
			<i>For >100 To 250, Add</i>	0.30	
			<i>For >250 To 500, Add</i>	0.13	
			<i>For >2,500 To 5,000, Deduct</i>	-0.06	
			<i>For >5,000 To 10,000, Deduct</i>	-0.11	
			<i>For >10,000 To 20,000, Deduct</i>	-0.17	
			<i>For >20,000, Deduct</i>	-0.22	
09 91 23 00-0187	SF		2 Coats Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Ceiling.....	1.80	
			<i>For Electrostatic Painting, Add</i>	0.29	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.16	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.27	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.42	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.58	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.91	
			<i>For >100 To 250, Add</i>	0.45	
			<i>For >250 To 500, Add</i>	0.20	
			<i>For >2,500 To 5,000, Deduct</i>	-0.09	
			<i>For >5,000 To 10,000, Deduct</i>	-0.18	
			<i>For >10,000 To 20,000, Deduct</i>	-0.27	
			<i>For >20,000, Deduct</i>	-0.36	
09 91 23 00-0188			Paint Interior Ceiling Tile Grid (09 91 23 00-0167)		
			Note: Grid only.		
09 91 23 00-0189	LF		1 Coat Paint, Brush/Roller Work, Paint Interior Ceiling Tile Grid	0.31	
			<i>For Electrostatic Painting, Add</i>	0.04	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.04	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.07	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.10	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.14	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.20	
			<i>For >100 To 250, Add</i>	0.10	
			<i>For >250 To 500, Add</i>	0.04	
			<i>For >2,500 To 5,000, Deduct</i>	-0.02	
			<i>For >5,000 To 10,000, Deduct</i>	-0.03	
			<i>For >10,000 To 20,000, Deduct</i>	-0.05	
			<i>For >20,000, Deduct</i>	-0.06	
09 91 23 00-0190	LF		2 Coats Paint, Brush/Roller Work, Paint Interior Ceiling Tile Grid.....	0.61	
			<i>For Electrostatic Painting, Add</i>	0.07	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.08	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.13	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.21	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.29	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.40	
			<i>For >100 To 250, Add</i>	0.19	
			<i>For >250 To 500, Add</i>	0.08	
			<i>For >2,500 To 5,000, Deduct</i>	-0.03	
			<i>For >5,000 To 10,000, Deduct</i>	-0.06	
			<i>For >10,000 To 20,000, Deduct</i>	-0.09	
			<i>For >20,000, Deduct</i>	-0.12	

09 Finishes
09 90 Painting and Coating
09 91 Painting

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 91 23 00-0191		Paint Interior Corrugated Metal Ceilings (09 91 23 00-0167)	
09 91 23 00-0192	SF	1 Coat Primer, Sprayed, Paint Interior Corrugated Metal Ceiling.....	1.30
		For Electrostatic Painting, Add	0.20
		For Work >15' To 20' Above Floor, Add	0.12
		Note: Applied only to work area above 15' to 20'.	
		For Work >20' To 30' Above Floor, Add	0.20
		Note: Applied only to work area above 20' to 30'.	
		For Work >30' To 40' Above Floor, Add	0.32
		Note: Applied only to work area above 30' to 40'.	
		For Work >40' Above Floor, Add	0.45
		Note: Applied only to work area above 40'.	
		For Up To 100, Add	0.68
		For >100 To 250, Add	0.33
		For >250 To 500, Add	0.15
		For >2,500 To 5,000, Deduct	-0.07
		For >5,000 To 10,000, Deduct	-0.13
		For >10,000 To 20,000, Deduct	-0.20
		For >20,000, Deduct	-0.26
09 91 23 00-0193	SF	1 Coat Paint, Sprayed, Paint Interior Corrugated Metal Ceiling.....	1.50
		For Electrostatic Painting, Add	0.22
		For Work >15' To 20' Above Floor, Add	0.15
		Note: Applied only to work area above 15' to 20'.	
		For Work >20' To 30' Above Floor, Add	0.25
		Note: Applied only to work area above 20' to 30'.	
		For Work >30' To 40' Above Floor, Add	0.40
		Note: Applied only to work area above 30' to 40'.	
		For Work >40' Above Floor, Add	0.56
		Note: Applied only to work area above 40'.	
		For Up To 100, Add	0.83
		For >100 To 250, Add	0.40
		For >250 To 500, Add	0.18
		For >2,500 To 5,000, Deduct	-0.08
		For >5,000 To 10,000, Deduct	-0.15
		For >10,000 To 20,000, Deduct	-0.23
		For >20,000, Deduct	-0.30
09 91 23 00-0194	SF	2 Coats Paint, Sprayed, Paint Interior Corrugated Metal Ceiling.....	2.40
		For Electrostatic Painting, Add	0.39
		For Work >15' To 20' Above Floor, Add	0.21
		Note: Applied only to work area above 15' to 20'.	
		For Work >20' To 30' Above Floor, Add	0.36
		Note: Applied only to work area above 20' to 30'.	
		For Work >30' To 40' Above Floor, Add	0.57
		Note: Applied only to work area above 30' to 40'.	
		For Work >40' Above Floor, Add	0.78
		Note: Applied only to work area above 40'.	
		For Up To 100, Add	1.21
		For >100 To 250, Add	0.60
		For >250 To 500, Add	0.26
		For >2,500 To 5,000, Deduct	-0.12
		For >5,000 To 10,000, Deduct	-0.24
		For >10,000 To 20,000, Deduct	-0.36
		For >20,000, Deduct	-0.48
09 91 23 00-0195		Paint Interior Wood Ceilings (09 91 23 00-0130)	
09 91 23 00-0196		Paint Interior Smooth Wood Ceilings (09 91 23 00-0195)	
09 91 23 00-0197	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Wood Smooth Ceiling.....	0.23
		For Oil Based Paint, Add	0.01
		For Work >15' To 20' Above Floor, Add	0.03
		Note: Applied only to work area above 15' to 20'.	
		For Work >20' To 30' Above Floor, Add	0.05
		Note: Applied only to work area above 20' to 30'.	
		For Work >30' To 40' Above Floor, Add	0.08
		Note: Applied only to work area above 30' to 40'.	
		For Work >40' Above Floor, Add	0.11
		Note: Applied only to work area above 40'.	
		For Up To 100, Add	0.15
		For >100 To 250, Add	0.07
		For >250 To 500, Add	0.03
		For >2,500 To 5,000, Deduct	-0.01
		For >5,000 To 10,000, Deduct	-0.02
		For >10,000 To 20,000, Deduct	-0.03
		For >20,000, Deduct	-0.05
09 91 23 00-0198	SF	1 Coat Primer, Brush Work, Paint Interior Wood Smooth Ceiling.....	1.38
		For Oil Based Paint, Add	0.08
		For Work >15' To 20' Above Floor, Add	0.17
		Note: Applied only to work area above 15' to 20'.	
		For Work >20' To 30' Above Floor, Add	0.29
		Note: Applied only to work area above 20' to 30'.	
		For Work >30' To 40' Above Floor, Add	0.46
		Note: Applied only to work area above 30' to 40'.	
		For Work >40' Above Floor, Add	0.63
		Note: Applied only to work area above 40'.	
		For Up To 100, Add	0.89
		For >100 To 250, Add	0.42
		For >250 To 500, Add	0.18
		For >2,500 To 5,000, Deduct	-0.07
		For >5,000 To 10,000, Deduct	-0.14
		For >10,000 To 20,000, Deduct	-0.21
		For >20,000, Deduct	-0.28

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0199	SF	1	Coat Paint, Brush Work, Paint Interior Wood Smooth Ceiling.....	1.46	
			For Oil Based Paint, Add	0.08	
			For Work >15' To 20' Above Floor, Add	0.19	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.31	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.50	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.69	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.97	
			For >100 To 250, Add	0.46	
			For >250 To 500, Add	0.20	
			For >2,500 To 5,000, Deduct	-0.07	
			For >5,000 To 10,000, Deduct	-0.15	
			For >10,000 To 20,000, Deduct	-0.22	
			For >20,000, Deduct	-0.29	
09 91 23 00-0200	SF	2	Coats Paint, Brush Work, Paint Interior Wood Smooth Ceiling.....	2.62	
			For Oil Based Paint, Add	0.15	
			For Work >15' To 20' Above Floor, Add	0.33	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.55	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.88	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	1.22	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.72	
			For >100 To 250, Add	0.81	
			For >250 To 500, Add	0.35	
			For >2,500 To 5,000, Deduct	-0.13	
			For >5,000 To 10,000, Deduct	-0.26	
			For >10,000 To 20,000, Deduct	-0.39	
			For >20,000, Deduct	-0.52	
09 91 23 00-0201	SF	1	Coat Primer, Brush/Roller Work, Paint Interior Smooth Wood Ceiling.....	1.10	
			For Oil Based Paint, Add	0.07	
			For Work >15' To 20' Above Floor, Add	0.12	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.21	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.33	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.46	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.66	
			For >100 To 250, Add	0.32	
			For >250 To 500, Add	0.14	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.17	
			For >20,000, Deduct	-0.22	
09 91 23 00-0202	SF	1	Coat Paint, Brush/Roller Work, Paint Interior Smooth Wood Ceiling.....	1.20	
			For Oil Based Paint, Add	0.07	
			For Work >15' To 20' Above Floor, Add	0.14	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.24	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.38	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.53	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.76	
			For >100 To 250, Add	0.36	
			For >250 To 500, Add	0.16	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.12	
			For >10,000 To 20,000, Deduct	-0.18	
			For >20,000, Deduct	-0.24	
09 91 23 00-0203	SF	2	Coats Paint, Brush/Roller Work, Paint Interior Smooth Wood Ceiling.....	2.26	
			For Oil Based Paint, Add	0.14	
			For Work >15' To 20' Above Floor, Add	0.27	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.45	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.71	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.98	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.41	
			For >100 To 250, Add	0.67	
			For >250 To 500, Add	0.29	
			For >2,500 To 5,000, Deduct	-0.11	
			For >5,000 To 10,000, Deduct	-0.23	
			For >10,000 To 20,000, Deduct	-0.34	
			For >20,000, Deduct	-0.45	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0204	SF 1 Coat Primer, Sprayed, Paint Interior Smooth Wood Ceiling.....	0.82	
	<i>For Oil Based Paint, Add</i>	0.05	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.09	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.15	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.24	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	0.34	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.49	
	<i>For >100 To 250, Add</i>	0.23	
	<i>For >250 To 500, Add</i>	0.10	
	<i>For >2,500 To 5,000, Deduct</i>	-0.04	
	<i>For >5,000 To 10,000, Deduct</i>	-0.08	
	<i>For >10,000 To 20,000, Deduct</i>	-0.12	
	<i>For >20,000, Deduct</i>	-0.16	
09 91 23 00-0205	SF 1 Coat Paint, Sprayed, Paint Interior Smooth Wood Ceiling.....	0.97	
	<i>For Oil Based Paint, Add</i>	0.06	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.11	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.19	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.30	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	0.42	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.60	
	<i>For >100 To 250, Add</i>	0.29	
	<i>For >250 To 500, Add</i>	0.12	
	<i>For >2,500 To 5,000, Deduct</i>	-0.05	
	<i>For >5,000 To 10,000, Deduct</i>	-0.10	
	<i>For >10,000 To 20,000, Deduct</i>	-0.15	
	<i>For >20,000, Deduct</i>	-0.19	
09 91 23 00-0206	SF 2 Coats Paint, Sprayed, Paint Interior Smooth Wood Ceiling.....	1.47	
	<i>For Oil Based Paint, Add</i>	0.09	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.16	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.27	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.42	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	0.58	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.86	
	<i>For >100 To 250, Add</i>	0.41	
	<i>For >250 To 500, Add</i>	0.18	
	<i>For >2,500 To 5,000, Deduct</i>	-0.07	
	<i>For >5,000 To 10,000, Deduct</i>	-0.15	
	<i>For >10,000 To 20,000, Deduct</i>	-0.22	
	<i>For >20,000, Deduct</i>	-0.29	
09 91 23 00-0207	Paint Interior Wood Beams <small>(09 91 23 00-0130)</small>	1.53	
09 91 23 00-0208	SF 1 Coat Primer, Brush Work, Paint Interior Wood Beams.....	1.53	
	<i>For Oil Based Paint, Add</i>	0.09	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.19	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.32	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.52	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	0.71	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	1.00	
	<i>For >100 To 250, Add</i>	0.48	
	<i>For >250 To 500, Add</i>	0.21	
	<i>For >2,500 To 5,000, Deduct</i>	-0.08	
	<i>For >5,000 To 10,000, Deduct</i>	-0.15	
	<i>For >10,000 To 20,000, Deduct</i>	-0.23	
	<i>For >20,000, Deduct</i>	-0.31	
09 91 23 00-0209	SF 1 Coat Paint, Brush Work, Paint Interior Wood Beams.....	1.58	
	<i>For Oil Based Paint, Add</i>	0.09	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.21	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.34	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.55	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	0.75	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	1.06	
	<i>For >100 To 250, Add</i>	0.50	
	<i>For >250 To 500, Add</i>	0.22	
	<i>For >2,500 To 5,000, Deduct</i>	-0.08	
	<i>For >5,000 To 10,000, Deduct</i>	-0.16	
	<i>For >10,000 To 20,000, Deduct</i>	-0.24	
	<i>For >20,000, Deduct</i>	-0.32	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 23 00-0210	SF		2 Coats Paint, Brush Work, Paint Interior Wood Beams.....	2.86	
			For Oil Based Paint, Add	0.16	
			For Work >15' To 20' Above Floor, Add	0.37	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.61	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.98	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	1.35	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.90	
			For >100 To 250, Add	0.90	
			For >250 To 500, Add	0.39	
			For >2,500 To 5,000, Deduct	-0.14	
			For >5,000 To 10,000, Deduct	-0.29	
			For >10,000 To 20,000, Deduct	-0.43	
			For >20,000, Deduct	-0.57	
09 91 23 00-0211	SF		1 Coat Primer, Brush/Roller Work, Paint Interior Wood Beams.....	1.21	
			For Oil Based Paint, Add	0.07	
			For Work >15' To 20' Above Floor, Add	0.14	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.24	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.38	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.52	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.75	
			For >100 To 250, Add	0.36	
			For >250 To 500, Add	0.15	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.12	
			For >10,000 To 20,000, Deduct	-0.18	
			For >20,000, Deduct	-0.24	
09 91 23 00-0212	SF		1 Coat Paint, Brush/Roller Work, Paint Interior Wood Beams.....	1.20	
			For Oil Based Paint, Add	0.07	
			For Work >15' To 20' Above Floor, Add	0.14	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.24	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.38	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.53	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.76	
			For >100 To 250, Add	0.36	
			For >250 To 500, Add	0.16	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.12	
			For >10,000 To 20,000, Deduct	-0.18	
			For >20,000, Deduct	-0.24	
09 91 23 00-0213	SF		2 Coats Paint, Brush/Roller Work, Paint Interior Wood Beams.....	2.26	
			For Oil Based Paint, Add	0.14	
			For Work >15' To 20' Above Floor, Add	0.27	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.45	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.71	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.98	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.41	
			For >100 To 250, Add	0.67	
			For >250 To 500, Add	0.29	
			For >2,500 To 5,000, Deduct	-0.11	
			For >5,000 To 10,000, Deduct	-0.23	
			For >10,000 To 20,000, Deduct	-0.34	
			For >20,000, Deduct	-0.45	
09 91 23 00-0214	SF		1 Coat Primer, Sprayed, Paint Interior Wood Beams.....	0.97	
			For Oil Based Paint, Add	0.06	
			For Work >15' To 20' Above Floor, Add	0.11	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.19	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.30	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.42	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.60	
			For >100 To 250, Add	0.29	
			For >250 To 500, Add	0.12	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.10	
			For >10,000 To 20,000, Deduct	-0.15	
			For >20,000, Deduct	-0.19	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0215	SF 1 Coat Paint, Sprayed, Paint Interior Wood Beams	0.97	
	For Oil Based Paint, Add	0.06	
	For Work >15' To 20' Above Floor, Add	0.11	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.19	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.30	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.42	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.60	
	For >100 To 250, Add	0.29	
	For >250 To 500, Add	0.12	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.10	
	For >10,000 To 20,000, Deduct	-0.15	
	For >20,000, Deduct	-0.19	
09 91 23 00-0216	SF 2 Coats Paint, Sprayed, Paint Interior Wood Beams	1.60	
	For Oil Based Paint, Add	0.10	
	For Work >15' To 20' Above Floor, Add	0.18	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.30	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.48	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.65	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.95	
	For >100 To 250, Add	0.46	
	For >250 To 500, Add	0.20	
	For >2,500 To 5,000, Deduct	-0.08	
	For >5,000 To 10,000, Deduct	-0.16	
	For >10,000 To 20,000, Deduct	-0.24	
	For >20,000, Deduct	-0.32	
09 91 23 00-0217	Paint Interior Floors And Decks <small>(09 91 23)</small>		
09 91 23 00-0218	Paint Interior Concrete Floors And Decks <small>(09 91 23 00-0217)</small>		
09 91 23 00-0219	LF 1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Floors And Decks	0.16	
	For Up To 100, Add	0.11	
	For >100 To 250, Add	0.05	
	For >250 To 500, Add	0.02	
	For >2,500 To 5,000, Deduct	-0.01	
	For >5,000 To 10,000, Deduct	-0.02	
	For >10,000 To 20,000, Deduct	-0.02	
	For >20,000, Deduct	-0.03	
09 91 23 00-0220	SF 1 Coat Primer, Brush Work, Paint Interior Concrete Floors And Decks	0.86	
	For Oil Based Paint, Add	0.05	
	For Epoxy Paint, Add	0.09	
	For Up To 100, Add	0.54	
	For >100 To 250, Add	0.26	
	For >250 To 500, Add	0.11	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.13	
	For >20,000, Deduct	-0.17	
09 91 23 00-0221	SF 1 Coat Paint, Brush Work, Paint Interior Concrete Floors And Decks	0.96	
	For Oil Based Paint, Add	0.06	
	For Epoxy Paint, Add	0.09	
	For Up To 100, Add	0.64	
	For >100 To 250, Add	0.30	
	For >250 To 500, Add	0.13	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.10	
	For >10,000 To 20,000, Deduct	-0.14	
	For >20,000, Deduct	-0.19	
09 91 23 00-0222	SF 2 Coats Paint, Brush Work, Paint Interior Concrete Floors And Decks	1.88	
	For Oil Based Paint, Add	0.11	
	For Epoxy Paint, Add	0.18	
	For Up To 100, Add	1.25	
	For >100 To 250, Add	0.59	
	For >250 To 500, Add	0.26	
	For >2,500 To 5,000, Deduct	-0.09	
	For >5,000 To 10,000, Deduct	-0.19	
	For >10,000 To 20,000, Deduct	-0.28	
	For >20,000, Deduct	-0.38	
09 91 23 00-0223	SF 1 Coat Primer, Brush/Roller Work, Paint Interior Concrete Floors And Decks	0.84	
	For Oil Based Paint, Add	0.05	
	For Epoxy Paint, Add	0.09	
	For Up To 100, Add	0.53	
	For >100 To 250, Add	0.25	
	For >250 To 500, Add	0.11	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.13	
	For >20,000, Deduct	-0.17	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0224	SF	1		Coat Paint, Brush/Roller Work, Paint Interior Concrete Floors And Decks.....	0.83	
				For Oil Based Paint, Add	0.05	
				For Epoxy Paint, Add	0.08	
				For Up To 100, Add	0.54	
				For >100 To 250, Add	0.26	
				For >250 To 500, Add	0.11	
				For >2,500 To 5,000, Deduct	-0.04	
				For >5,000 To 10,000, Deduct	-0.08	
				For >10,000 To 20,000, Deduct	-0.12	
				For >20,000, Deduct	-0.17	
09 91 23 00-0225	SF	2		Coats Paint, Brush/Roller Work, Paint Interior Concrete Floors And Decks	1.34	
				For Oil Based Paint, Add	0.08	
				For Epoxy Paint, Add	0.15	
				For Up To 100, Add	0.84	
				For >100 To 250, Add	0.40	
				For >250 To 500, Add	0.17	
				For >2,500 To 5,000, Deduct	-0.07	
				For >5,000 To 10,000, Deduct	-0.13	
				For >10,000 To 20,000, Deduct	-0.20	
				For >20,000, Deduct	-0.27	
09 91 23 00-0226	SF	1		Coat Primer, Sprayed, Paint Interior Concrete Floors And Decks	0.63	
				For Oil Based Paint, Add	0.04	
				For Epoxy Paint, Add	0.09	
				For Up To 100, Add	0.35	
				For >100 To 250, Add	0.17	
				For >250 To 500, Add	0.07	
				For >2,500 To 5,000, Deduct	-0.03	
				For >5,000 To 10,000, Deduct	-0.06	
				For >10,000 To 20,000, Deduct	-0.09	
				For >20,000, Deduct	-0.13	
09 91 23 00-0227	SF	1		Coat Paint, Sprayed, Paint Interior Concrete Floors And Decks.....	0.63	
				For Oil Based Paint, Add	0.04	
				For Epoxy Paint, Add	0.08	
				For Up To 100, Add	0.37	
				For >100 To 250, Add	0.18	
				For >250 To 500, Add	0.08	
				For >2,500 To 5,000, Deduct	-0.03	
				For >5,000 To 10,000, Deduct	-0.06	
				For >10,000 To 20,000, Deduct	-0.09	
				For >20,000, Deduct	-0.13	
09 91 23 00-0228	SF	2		Coats Paint, Sprayed, Paint Interior Concrete Floors And Decks.....	1.10	
				For Oil Based Paint, Add	0.07	
				For Epoxy Paint, Add	0.16	
				For Up To 100, Add	0.62	
				For >100 To 250, Add	0.30	
				For >250 To 500, Add	0.13	
				For >2,500 To 5,000, Deduct	-0.06	
				For >5,000 To 10,000, Deduct	-0.11	
				For >10,000 To 20,000, Deduct	-0.17	
				For >20,000, Deduct	-0.22	
09 91 23 00-0229	SF	1		Coat Bonding Agent, Brush Work, Paint Interior Concrete Floors And Decks	0.89	
				For Up To 100, Add	0.55	
				For >100 To 250, Add	0.26	
				For >250 To 500, Add	0.11	
				For >2,500 To 5,000, Deduct	-0.04	
				For >5,000 To 10,000, Deduct	-0.09	
				For >10,000 To 20,000, Deduct	-0.13	
				For >20,000, Deduct	-0.18	
09 91 23 00-0230	SF	1		Coat Bonding Agent, Brush/Roller Work, Paint Interior Concrete Floors And Decks.....	0.87	
				For Up To 100, Add	0.53	
				For >100 To 250, Add	0.25	
				For >250 To 500, Add	0.11	
				For >2,500 To 5,000, Deduct	-0.04	
				For >5,000 To 10,000, Deduct	-0.09	
				For >10,000 To 20,000, Deduct	-0.13	
				For >20,000, Deduct	-0.17	
09 91 23 00-0231	SF	1		Coat Bonding Agent, Sprayed, Paint Interior Concrete Floors And Decks	0.66	
				For Up To 100, Add	0.35	
				For >100 To 250, Add	0.17	
				For >250 To 500, Add	0.08	
				For >2,500 To 5,000, Deduct	-0.03	
				For >5,000 To 10,000, Deduct	-0.07	
				For >10,000 To 20,000, Deduct	-0.10	
				For >20,000, Deduct	-0.13	
09 91 23 00-0232	SF	1		Coat Non Slip Paint, Brush Work, Paint Interior Concrete Floors And Decks.....	2.37	
				For Up To 100, Add	0.85	
				For >100 To 250, Add	0.44	
				For >250 To 500, Add	0.20	
				For >2,500 To 5,000, Deduct	-0.12	
				For >5,000 To 10,000, Deduct	-0.24	
				For >10,000 To 20,000, Deduct	-0.36	
				For >20,000, Deduct	-0.47	
09 91 23 00-0233	SF	1		Coat Non Slip Epoxy Paint, Brush Work, Paint Interior Concrete Floors And Decks (Rust-Oleum® AS91864251).....	6.56	
				For Up To 100, Add	1.48	
				For >100 To 250, Add	0.86	
				For >250 To 500, Add	0.41	
				For >2,500 To 5,000, Deduct	-0.33	
				For >5,000 To 10,000, Deduct	-0.66	
				For >10,000 To 20,000, Deduct	-0.98	
				For >20,000, Deduct	-1.31	

09 Finishes
09 90 Painting and Coating
09 91 Painting

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 91 23 00-0234	Paint Interior Wood Floors And Decks (09 91 23 00-0217)		
09 91 23 00-0235	LF 1 Coat Paint, Cut-in Brush Work, Paint Interior Wood Floors And Decks	0.19	
	For Up To 100, Add	0.12	
	For >100 To 250, Add	0.06	
	For >250 To 500, Add	0.03	
	For >2,500 To 5,000, Deduct	-0.01	
	For >5,000 To 10,000, Deduct	-0.02	
	For >10,000 To 20,000, Deduct	-0.03	
	For >20,000, Deduct	-0.04	
09 91 23 00-0236	SF 1 Coat Primer, Brush Work, Paint Interior Wood Floors And Decks	1.07	
	For Oil Based Paint, Add	0.07	
	For Up To 100, Add	0.66	
	For >100 To 250, Add	0.31	
	For >250 To 500, Add	0.14	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.11	
	For >10,000 To 20,000, Deduct	-0.16	
	For >20,000, Deduct	-0.21	
09 91 23 00-0237	SF 1 Coat Paint, Brush Work, Paint Interior Wood Floors And Decks.....	1.17	
	For Oil Based Paint, Add	0.07	
	For Up To 100, Add	0.75	
	For >100 To 250, Add	0.36	
	For >250 To 500, Add	0.15	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.12	
	For >10,000 To 20,000, Deduct	-0.18	
	For >20,000, Deduct	-0.23	
09 91 23 00-0238	SF 2 Coats Paint, Brush Work, Paint Interior Wood Floors And Decks.....	2.19	
	For Oil Based Paint, Add	0.13	
	For Up To 100, Add	1.40	
	For >100 To 250, Add	0.66	
	For >250 To 500, Add	0.29	
	For >2,500 To 5,000, Deduct	-0.11	
	For >5,000 To 10,000, Deduct	-0.22	
	For >10,000 To 20,000, Deduct	-0.33	
	For >20,000, Deduct	-0.44	
09 91 23 00-0239	SF 1 Coat Primer, Brush/Roller Work, Paint Interior Wood Floors And Decks	0.85	
	For Oil Based Paint, Add	0.06	
	For Up To 100, Add	0.48	
	For >100 To 250, Add	0.23	
	For >250 To 500, Add	0.10	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.13	
	For >20,000, Deduct	-0.17	
09 91 23 00-0240	SF 1 Coat Paint, Brush/Roller Work, Paint Interior Wood Floors And Decks	0.93	
	For Oil Based Paint, Add	0.06	
	For Up To 100, Add	0.55	
	For >100 To 250, Add	0.27	
	For >250 To 500, Add	0.12	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.14	
	For >20,000, Deduct	-0.19	
09 91 23 00-0241	SF 2 Coats Paint, Brush/Roller Work, Paint Interior Wood Floors And Decks.....	1.85	
	For Oil Based Paint, Add	0.12	
	For Up To 100, Add	1.10	
	For >100 To 250, Add	0.53	
	For >250 To 500, Add	0.23	
	For >2,500 To 5,000, Deduct	-0.09	
	For >5,000 To 10,000, Deduct	-0.19	
	For >10,000 To 20,000, Deduct	-0.28	
	For >20,000, Deduct	-0.37	
09 91 23 00-0242	SF 1 Coat Primer, Sprayed, Paint Interior Wood Floors And Decks.....	0.67	
	For Oil Based Paint, Add	0.04	
	For Up To 100, Add	0.38	
	For >100 To 250, Add	0.18	
	For >250 To 500, Add	0.08	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.07	
	For >10,000 To 20,000, Deduct	-0.10	
	For >20,000, Deduct	-0.13	
09 91 23 00-0243	SF 1 Coat Paint, Sprayed, Paint Interior Wood Floors And Decks	0.82	
	For Oil Based Paint, Add	0.05	
	For Up To 100, Add	0.49	
	For >100 To 250, Add	0.23	
	For >250 To 500, Add	0.10	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.12	
	For >20,000, Deduct	-0.16	
09 91 23 00-0244	SF 2 Coats Paint, Sprayed, Paint Interior Wood Floors And Decks	1.19	
	For Oil Based Paint, Add	0.08	
	For Up To 100, Add	0.65	
	For >100 To 250, Add	0.31	
	For >250 To 500, Add	0.14	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.12	
	For >10,000 To 20,000, Deduct	-0.18	
	For >20,000, Deduct	-0.24	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 23 00-0245	SF	1 Coat Non Slip Paint, Brush Work, Paint Interior Wood Floors And Decks	2.37		
		For Up To 100, Add	0.85		
		For >100 To 250, Add	0.44		
		For >250 To 500, Add	0.20		
		For >2,500 To 5,000, Deduct	-0.12		
		For >5,000 To 10,000, Deduct	-0.24		
		For >10,000 To 20,000, Deduct	-0.36		
		For >20,000, Deduct	-0.47		
09 91 23 00-0246	SF	1 Coat Non Slip Epoxy Paint, Brush Work, Paint Interior Wood Floors And Decks	6.56		
		For Up To 100, Add	1.48		
		For >100 To 250, Add	0.86		
		For >250 To 500, Add	0.41		
		For >2,500 To 5,000, Deduct	-0.33		
		For >5,000 To 10,000, Deduct	-0.66		
		For >10,000 To 20,000, Deduct	-0.98		
		For >20,000, Deduct	-1.31		

09 91 23 00-0247 Paint Interior Doors And Windows (09 91 23)

09 91 23 00-0248 Paint Interior Door Frames (09 91 23 00-0247)

09 91 23 00-0249	LF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Door Frame And Trim.....	1.32		
		For Oil Based Paint, Add	0.07		
		For Painting One Face Of Frame Only, Deduct	-0.35		
09 91 23 00-0250	LF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Door Frame And Trim.....	1.71		
		For Oil Based Paint, Add	0.09		
		For Painting One Face Of Frame Only, Deduct	-0.45		
09 91 23 00-0251	LF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Door Frame And Trim	2.88		
		For Oil Based Paint, Add	0.15		
		For Painting One Face Of Frame Only, Deduct	-0.75		
09 91 23 00-0252	LF	1 Coat Primer, Brush/Roller Work, Paint Interior Metal Door Frame And Trim	1.35		
		For Oil Based Paint, Add	0.08		
		For Painting One Face Of Frame Only, Deduct	-0.36		
09 91 23 00-0253	LF	1 Coat Paint, Brush/Roller Work, Paint Interior Metal Door Frame And Trim	1.74		
		For Oil Based Paint, Add	0.09		
		For Painting One Face Of Frame Only, Deduct	-0.46		
09 91 23 00-0254	LF	2 Coats Paint, Brush/Roller Work, Paint Interior Metal Door Frame And Trim	2.92		
		For Oil Based Paint, Add	0.16		
		For Painting One Face Of Frame Only, Deduct	-0.77		

09 91 23 00-0255 Paint Interior Metal Doors (09 91 23 00-0247)

09 91 23 00-0256	EA	1 Coat Primer, Brush/Roller Work, One Face, Paint Interior Metal Door	61.71		
		For Electrostatic Painting, Add	9.44		
		For Half Louvered Door, Add	5.99		
		For Full Louvered Door, Add	9.99		
		For Oil Based Paint, Add	4.17		
		For >5 To 10, Deduct	-3.09		
		For >10 To 25, Deduct	-6.17		
		For >25, Deduct	-9.26		
09 91 23 00-0257	EA	1 Coat Paint, Brush/Roller Work, One Face, Paint Interior Metal Door.....	61.71		
		For Electrostatic Painting, Add	9.44		
		For Half Louvered Door, Add	5.99		
		For Full Louvered Door, Add	9.99		
		For Oil Based Paint, Add	4.17		
		For >5 To 10, Deduct	-3.09		
		For >10 To 25, Deduct	-6.17		
		For >25, Deduct	-9.26		
09 91 23 00-0258	EA	2 Coats Paint, Brush/Roller Work, One Face, Paint Interior Metal Door.....	110.73		
		For Electrostatic Painting, Add	17.56		
		For Half Louvered Door, Add	10.12		
		For Full Louvered Door, Add	16.87		
		For Oil Based Paint, Add	7.70		
		For >5 To 10, Deduct	-5.54		
		For >10 To 25, Deduct	-11.07		
		For >25, Deduct	-16.61		
09 91 23 00-0259	EA	1 Coat Primer, Brush/Roller Work, Both Faces, Paint Interior Metal Door	110.73		
		For Electrostatic Painting, Add	16.94		
		For Half Louvered Door, Add	10.74		
		For Full Louvered Door, Add	17.90		
		For Oil Based Paint, Add	7.49		
		For >5 To 10, Deduct	-5.54		
		For >10 To 25, Deduct	-11.07		
		For >25, Deduct	-16.61		
09 91 23 00-0260	EA	1 Coat Paint, Brush/Roller Work, Both Faces, Paint Interior Metal Door	110.74		
		For Electrostatic Painting, Add	16.94		
		For Half Louvered Door, Add	10.74		
		For Full Louvered Door, Add	17.91		
		For Oil Based Paint, Add	7.49		
		For >5 To 10, Deduct	-5.54		
		For >10 To 25, Deduct	-11.07		
		For >25, Deduct	-16.61		
09 91 23 00-0261	EA	2 Coats Paint, Brush/Roller Work, Both Faces, Paint Interior Metal Door	199.41		
		For Electrostatic Painting, Add	31.68		
		For Half Louvered Door, Add	18.18		
		For Full Louvered Door, Add	30.29		
		For Oil Based Paint, Add	13.88		
		For >5 To 10, Deduct	-9.97		
		For >10 To 25, Deduct	-19.94		
		For >25, Deduct	-29.91		

09 Finishes

09 90 Painting and Coating

09 91 Painting

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 91 23 00-0262	EA	1	Coat Primer, Sprayed, One Face, Paint Interior Metal Door.....	50.37	
			<i>For Electrostatic Painting, Add</i>	8.63	
			<i>For Half Louvered Door, Add</i>	3.96	
			<i>For Full Louvered Door, Add</i>	6.61	
			<i>For Oil Based Paint, Add</i>	3.72	
			<i>For >5 To 10, Deduct</i>	-2.52	
			<i>For >10 To 25, Deduct</i>	-5.04	
			<i>For >25, Deduct</i>	-7.56	
09 91 23 00-0263	EA	1	Coat Paint, Sprayed, One Face, Paint Interior Metal Door	50.37	
			<i>For Electrostatic Painting, Add</i>	8.63	
			<i>For Half Louvered Door, Add</i>	3.96	
			<i>For Full Louvered Door, Add</i>	6.61	
			<i>For Oil Based Paint, Add</i>	3.72	
			<i>For >5 To 10, Deduct</i>	-2.52	
			<i>For >10 To 25, Deduct</i>	-5.04	
			<i>For >25, Deduct</i>	-7.56	
09 91 23 00-0264	EA	2	Coats Paint, Sprayed, One Face, Paint Interior Metal Door.....	92.22	
			<i>For Electrostatic Painting, Add</i>	16.36	
			<i>For Half Louvered Door, Add</i>	6.69	
			<i>For Full Louvered Door, Add</i>	11.16	
			<i>For Oil Based Paint, Add</i>	6.99	
			<i>For >5 To 10, Deduct</i>	-4.61	
			<i>For >10 To 25, Deduct</i>	-9.22	
			<i>For >25, Deduct</i>	-13.83	
09 91 23 00-0265	EA	1	Coat Primer, Sprayed, Both Faces, Paint Interior Metal Door.....	90.41	
			<i>For Electrostatic Painting, Add</i>	15.50	
			<i>For Half Louvered Door, Add</i>	7.11	
			<i>For Full Louvered Door, Add</i>	11.85	
			<i>For Oil Based Paint, Add</i>	6.67	
			<i>For >5 To 10, Deduct</i>	-4.52	
			<i>For >10 To 25, Deduct</i>	-9.04	
			<i>For >25, Deduct</i>	-13.56	
09 91 23 00-0266	EA	1	Coat Paint, Sprayed, Both Faces, Paint Interior Metal Door.....	90.41	
			<i>For Electrostatic Painting, Add</i>	15.50	
			<i>For Half Louvered Door, Add</i>	7.11	
			<i>For Full Louvered Door, Add</i>	11.85	
			<i>For Oil Based Paint, Add</i>	6.67	
			<i>For >5 To 10, Deduct</i>	-4.52	
			<i>For >10 To 25, Deduct</i>	-9.04	
			<i>For >25, Deduct</i>	-13.56	
09 91 23 00-0267	EA	2	Coats Paint, Sprayed, Both Faces, Paint Interior Metal Door	166.24	
			<i>For Electrostatic Painting, Add</i>	29.53	
			<i>For Half Louvered Door, Add</i>	12.03	
			<i>For Full Louvered Door, Add</i>	20.04	
			<i>For Oil Based Paint, Add</i>	12.62	
			<i>For >5 To 10, Deduct</i>	-8.31	
			<i>For >10 To 25, Deduct</i>	-16.62	
			<i>For >25, Deduct</i>	-24.94	
09 91 23 00-0268			Paint Interior Wood Doors <small>(09 91 23 00-0247)</small>		
09 91 23 00-0269	EA	1	Coat Primer, Brush/Roller Work, One Face, Paint Interior Wood Door.....	56.13	
			<i>For Oil Based Paint, Add</i>	3.62	
			<i>For Half Louvered Door, Add</i>	5.99	
			<i>For Full Louvered Door, Add</i>	9.99	
			<i>For >5 To 10, Deduct</i>	-2.81	
			<i>For >10 To 25, Deduct</i>	-5.61	
			<i>For >25, Deduct</i>	-8.42	
09 91 23 00-0270	EA	1	Coat Paint, Brush/Roller Work, One Face, Paint Interior Wood Door	56.13	
			<i>For Oil Based Paint, Add</i>	3.62	
			<i>For Half Louvered Door, Add</i>	5.99	
			<i>For Full Louvered Door, Add</i>	9.99	
			<i>For >5 To 10, Deduct</i>	-2.81	
			<i>For >10 To 25, Deduct</i>	-5.61	
			<i>For >25, Deduct</i>	-8.42	
09 91 23 00-0271	EA	2	Coats Paint, Brush/Roller Work, One Face, Paint Interior Wood Door	99.65	
			<i>For Oil Based Paint, Add</i>	6.59	
			<i>For Half Louvered Door, Add</i>	10.12	
			<i>For Full Louvered Door, Add</i>	16.87	
			<i>For >5 To 10, Deduct</i>	-4.98	
			<i>For >10 To 25, Deduct</i>	-9.97	
			<i>For >25, Deduct</i>	-14.95	
09 91 23 00-0272	EA	1	Coat Primer, Brush/Roller Work, Both Faces, Paint Interior Wood Door	100.72	
			<i>For Oil Based Paint, Add</i>	6.49	
			<i>For Half Louvered Door, Add</i>	10.74	
			<i>For Full Louvered Door, Add</i>	17.91	
			<i>For >5 To 10, Deduct</i>	-5.04	
			<i>For >10 To 25, Deduct</i>	-10.07	
			<i>For >25, Deduct</i>	-15.11	
09 91 23 00-0273	EA	1	Coat Paint, Brush/Roller Work, Both Faces, Paint Interior Wood Door	100.72	
			<i>For Oil Based Paint, Add</i>	6.49	
			<i>For Half Louvered Door, Add</i>	10.74	
			<i>For Full Louvered Door, Add</i>	17.91	
			<i>For >5 To 10, Deduct</i>	-5.04	
			<i>For >10 To 25, Deduct</i>	-10.07	
			<i>For >25, Deduct</i>	-15.11	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 23 00-0274	EA		2 Coats Paint, Brush/Roller Work, Both Faces, Paint Interior Wood Door.....	179.37	
			<i>For Oil Based Paint, Add</i>	11.88	
			<i>For Half Louvered Door, Add</i>	18.18	
			<i>For Full Louvered Door, Add</i>	30.29	
			<i>For >5 To 10, Deduct</i>	-8.97	
			<i>For >10 To 25, Deduct</i>	-17.94	
			<i>For >25, Deduct</i>	-26.91	
09 91 23 00-0275	EA		1 Coat Primer, Sprayed, One Face, Paint Interior Wood Door	44.23	
			<i>For Oil Based Paint, Add</i>	3.10	
			<i>For Half Louvered Door, Add</i>	3.96	
			<i>For Full Louvered Door, Add</i>	6.61	
			<i>For >5 To 10, Deduct</i>	-2.21	
			<i>For >10 To 25, Deduct</i>	-4.42	
			<i>For >25, Deduct</i>	-6.63	
09 91 23 00-0276	EA		1 Coat Paint, Sprayed, One Face, Paint Interior Wood Door.....	44.23	
			<i>For Oil Based Paint, Add</i>	3.10	
			<i>For Half Louvered Door, Add</i>	3.96	
			<i>For Full Louvered Door, Add</i>	6.61	
			<i>For >5 To 10, Deduct</i>	-2.21	
			<i>For >10 To 25, Deduct</i>	-4.42	
			<i>For >25, Deduct</i>	-6.63	
09 91 23 00-0277	EA		2 Coats Paint, Sprayed, One Face, Paint Interior Wood Door	80.05	
			<i>For Oil Based Paint, Add</i>	5.77	
			<i>For Half Louvered Door, Add</i>	6.70	
			<i>For Full Louvered Door, Add</i>	11.16	
			<i>For >5 To 10, Deduct</i>	-4.00	
			<i>For >10 To 25, Deduct</i>	-8.01	
			<i>For >25, Deduct</i>	-12.01	
09 91 23 00-0278	EA		1 Coat Primer, Sprayed, Both Faces, Paint Interior Wood Door	79.39	
			<i>For Oil Based Paint, Add</i>	5.57	
			<i>For Half Louvered Door, Add</i>	7.11	
			<i>For Full Louvered Door, Add</i>	11.85	
			<i>For >5 To 10, Deduct</i>	-3.97	
			<i>For >10 To 25, Deduct</i>	-7.94	
			<i>For >25, Deduct</i>	-11.91	
09 91 23 00-0279	EA		1 Coat Paint, Sprayed, Both Faces, Paint Interior Wood Door	79.39	
			<i>For Oil Based Paint, Add</i>	5.57	
			<i>For Half Louvered Door, Add</i>	7.11	
			<i>For Full Louvered Door, Add</i>	11.85	
			<i>For >5 To 10, Deduct</i>	-3.97	
			<i>For >10 To 25, Deduct</i>	-7.94	
			<i>For >25, Deduct</i>	-11.91	
09 91 23 00-0280	EA		2 Coats Paint, Sprayed, Both Faces, Paint Interior Wood Door	144.19	
			<i>For Oil Based Paint, Add</i>	10.41	
			<i>For Half Louvered Door, Add</i>	12.03	
			<i>For Full Louvered Door, Add</i>	20.04	
			<i>For >5 To 10, Deduct</i>	-7.21	
			<i>For >10 To 25, Deduct</i>	-14.42	
			<i>For >25, Deduct</i>	-21.63	

09 91 23 00-0281 Paint Interior Metal Windows (09 91 23 00-0247)

Note: Two finish coats paint over rust inhibitive primer.

09 91 23 00-0282	EA		Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	104.00	
			<i>For Oil Based Paint, Add</i>	5.92	
			<i>For Electrostatic Painting, Add</i>	12.57	
			<i>For >5 To 10, Deduct</i>	-5.20	
			<i>For >10 To 25, Deduct</i>	-10.40	
			<i>For >25, Deduct</i>	-15.60	
09 91 23 00-0283	EA		>8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	125.64	
			<i>For Oil Based Paint, Add</i>	7.40	
			<i>For Electrostatic Painting, Add</i>	15.92	
			<i>For >5 To 10, Deduct</i>	-6.28	
			<i>For >10 To 25, Deduct</i>	-12.56	
			<i>For >25, Deduct</i>	-18.85	
09 91 23 00-0284	EA		>14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	169.48	
			<i>For Oil Based Paint, Add</i>	10.06	
			<i>For Electrostatic Painting, Add</i>	21.71	
			<i>For >5 To 10, Deduct</i>	-8.47	
			<i>For >10 To 25, Deduct</i>	-16.95	
			<i>For >25, Deduct</i>	-25.42	
09 91 23 00-0285	EA		>20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	190.85	
			<i>For Oil Based Paint, Add</i>	11.34	
			<i>For Electrostatic Painting, Add</i>	24.47	
			<i>For >5 To 10, Deduct</i>	-9.54	
			<i>For >10 To 25, Deduct</i>	-19.09	
			<i>For >25, Deduct</i>	-28.63	
09 91 23 00-0286	EA		>26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	211.63	
			<i>For Oil Based Paint, Add</i>	12.55	
			<i>For Electrostatic Painting, Add</i>	27.08	
			<i>For >5 To 10, Deduct</i>	-10.58	
			<i>For >10 To 25, Deduct</i>	-21.16	
			<i>For >25, Deduct</i>	-31.74	

09 Finishes

09 90 Painting and Coating

09 91 Painting

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 91 23 00-0287	SF	>34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work.....	6.72
		<i>For Oil Based Paint, Add</i>	0.40
		<i>For Electrostatic Painting, Add</i>	0.86
09 91 23 00-0288		Paint Interior Wood Windows (09 91 23 00-0247)	
		Note: Two finish coats paint over primer.	
09 91 23 00-0289	EA	Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	100.29
		<i>For Oil Based Paint, Add</i>	5.55
		<i>For >5 To 10, Deduct</i>	-5.01
		<i>For >10 To 25, Deduct</i>	-10.03
		<i>For >25, Deduct</i>	-15.04
09 91 23 00-0290	EA	>8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	119.91
		<i>For Oil Based Paint, Add</i>	6.83
		<i>For >5 To 10, Deduct</i>	-6.00
		<i>For >10 To 25, Deduct</i>	-11.99
		<i>For >25, Deduct</i>	-17.99
09 91 23 00-0291	EA	>14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	165.24
		<i>For Oil Based Paint, Add</i>	9.44
		<i>For >5 To 10, Deduct</i>	-8.26
		<i>For >10 To 25, Deduct</i>	-16.52
		<i>For >25, Deduct</i>	-24.79
09 91 23 00-0292	EA	>20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	186.05
		<i>For Oil Based Paint, Add</i>	10.64
		<i>For >5 To 10, Deduct</i>	-9.30
		<i>For >10 To 25, Deduct</i>	-18.61
		<i>For >25, Deduct</i>	-27.91
09 91 23 00-0293	EA	>26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	201.52
		<i>For Oil Based Paint, Add</i>	11.54
		<i>For >5 To 10, Deduct</i>	-10.08
		<i>For >10 To 25, Deduct</i>	-20.15
		<i>For >25, Deduct</i>	-30.23
09 91 23 00-0294	SF	>34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work.....	6.74
		<i>For Oil Based Paint, Add</i>	0.38
09 91 23 00-0295		Paint Interior Security Screens (09 91 23 00-0247)	
09 91 23 00-0296	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Security Screen	1.60
		<i>For Oil Based Paint, Add</i>	0.10
		<i>For Electrostatic Painting, Add</i>	0.21
09 91 23 00-0297	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Security Screen.....	1.63
		<i>For Oil Based Paint, Add</i>	0.09
		<i>For Electrostatic Painting, Add</i>	0.20
09 91 23 00-0298	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Security Screen.....	2.70
		<i>For Oil Based Paint, Add</i>	0.16
		<i>For Electrostatic Painting, Add</i>	0.33
09 91 23 00-0299		Paint Interior Window Guards (09 91 23 00-0247)	
09 91 23 00-0300	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Metal Window Guards	1.60
		<i>For Oil Based Paint, Add</i>	0.10
09 91 23 00-0301	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Metal Window Guards.....	1.63
		<i>For Oil Based Paint, Add</i>	0.09
09 91 23 00-0302	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Metal Window Guards.....	2.70
		<i>For Oil Based Paint, Add</i>	0.16
09 91 23 00-0303		Paint Interior Window Trim (09 91 23 00-0247)	
09 91 23 00-0304	LF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Window Frame And Trim.....	1.55
		<i>For Oil Based Paint, Add</i>	0.09
		<i>For Painting One Face Of Frame Only, Deduct</i>	-0.43
09 91 23 00-0305	LF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Window Frame And Trim.....	1.55
		<i>For Oil Based Paint, Add</i>	0.09
		<i>For Painting One Face Of Frame Only, Deduct</i>	-0.43
09 91 23 00-0306	LF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Window Frame And Trim	3.38
		<i>For Oil Based Paint, Add</i>	0.20
		<i>For Painting One Face Of Frame Only, Deduct</i>	-0.94
09 91 23 00-0307	LF	1 Coat Primer, Brush/Roller Work, Paint Interior Metal Window Frame And Trim	1.72
		Note: Brush/roller work.	
		<i>For Painting One Face Of Frame Only, Deduct</i>	-0.50
09 91 23 00-0308	LF	1 Coat Paint, Brush/Roller Work, Paint Interior Metal Window Frame And Trim.....	1.72
		Note: Brush/roller work.	
		<i>For Painting One Face Of Frame Only, Deduct</i>	-0.50
09 91 23 00-0309	LF	2 Coats Paint, Brush/Roller Work, Paint Interior Metal Window Frame And Trim.....	3.72
		Note: Brush/roller work.	
		<i>For Painting One Face Of Frame Only, Deduct</i>	-1.07
09 91 23 00-0310		Paint Interior Cabinets And Casework (09 91 23)	
09 91 23 00-0311		Paint Interior Wood Cabinets And Casework (09 91 23 00-0310)	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 23 00-0312	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Cabinets And Casework	1.46		
		<i>For >5,000 To 10,000, Deduct</i>	-0.07		
		<i>For >10,000 To 20,000, Deduct</i>	-0.15		
		<i>For >20,000, Deduct</i>	-0.22		
09 91 23 00-0313	SF	1 Coat Enamel Primer And 1 Coat Alkyd Or Latex Paint, Brush/Roller Work, Paint Interior Wood Cabinets And Casework	2.01		
		<i>For >5,000 To 10,000, Deduct</i>	-0.10		
		<i>For >10,000 To 20,000, Deduct</i>	-0.20		
		<i>For >20,000, Deduct</i>	-0.30		
09 91 23 00-0314	SF	1 Coat Enamel Primer And 2 Coats Alkyd Or Latex Paint, Brush/Roller Work, Paint Interior Wood Cabinets And Casework	3.23		
		<i>For >5,000 To 10,000, Deduct</i>	-0.16		
		<i>For >10,000 To 20,000, Deduct</i>	-0.32		
		<i>For >20,000, Deduct</i>	-0.48		
09 91 23 00-0315 Paint Exposed Metal Lockers (09 91 23 00-0310)					
09 91 23 00-0316	SF	1 Coat Primer, Brush/Roller Work, Paint Exposed Metal Locker	1.48		
		<i>For >5,000 To 10,000, Deduct</i>	-0.07		
		<i>For >10,000 To 20,000, Deduct</i>	-0.15		
		<i>For >20,000, Deduct</i>	-0.22		
09 91 23 00-0317	SF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exposed Metal Locker	1.50		
		<i>For >5,000 To 10,000, Deduct</i>	-0.08		
		<i>For >10,000 To 20,000, Deduct</i>	-0.15		
		<i>For >20,000, Deduct</i>	-0.23		
09 91 23 00-0318	SF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exposed Metal Locker	2.77		
		<i>For >5,000 To 10,000, Deduct</i>	-0.14		
		<i>For >10,000 To 20,000, Deduct</i>	-0.28		
		<i>For >20,000, Deduct</i>	-0.42		
09 91 23 00-0319 Paint Interior Stairs (09 91 23)					
09 91 23 00-0320 Paint Interior Concrete Stairs (09 91 23 00-0319)					
Note: Includes the riser and tread.					
09 91 23 00-0321	RSR	1 Coat Primer, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide)	20.14		
09 91 23 00-0322	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide)	20.14		
09 91 23 00-0323	RSR	1 Coat Non Slip Paint, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide)	16.21		
Note: Excludes riser.					
09 91 23 00-0324	RSR	1 Coat Non Slip Epoxy Paint, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide)	33.00		
Note: Excludes riser.					
09 91 23 00-0325	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide)	40.28		
09 91 23 00-0326 Paint Interior Metal Stairs (09 91 23 00-0319)					
Note: Includes the riser and tread.					
09 91 23 00-0327	RSR	1 Coat Primer, Brush/Roller Work, Paint Interior Metal Stair (To 4' Wide)	10.99		
09 91 23 00-0328	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Metal Stair (To 4' Wide)	10.57		
09 91 23 00-0329	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Metal Stair (To 4' Wide)	21.13		
09 91 23 00-0330 Paint Interior Wood Stairs (09 91 23 00-0319)					
Note: Includes the riser and tread.					
09 91 23 00-0331	RSR	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide)	10.37		
09 91 23 00-0332	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide)	10.37		
09 91 23 00-0333	RSR	1 Coat Non Slip Paint, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide)	11.32		
Note: Excludes riser.					
09 91 23 00-0334	RSR	1 Coat Non Slip Epoxy Paint, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide)	28.11		
Note: Excludes riser.					
09 91 23 00-0335	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide)	20.71		
09 91 23 00-0336 Paint Interior Stair Nosing (09 91 23 00-0319)					
09 91 23 00-0337	LF	1 Coat Paint, Up To 2", Non Slip, Brush Work, Paint Interior Yellow Stair Safety Strip	1.80		
09 91 23 00-0338 Paint Interior Trim (09 91 23)					
09 91 23 00-0339 Paint Interior Metal Trim (09 91 23 00-0338)					
09 91 23 00-0340	SF	1 Coat Primer, Brush Work, Paint Interior Exposed Metal Trim	1.36		
		<i>For Work >15' To 20' Above Floor, Add</i>	0.17		
		<i>Note: Applied only to work area above 15' to 20'.</i>			
		<i>For Work >20' To 30' Above Floor, Add</i>	0.29		
		<i>Note: Applied only to work area above 20' to 30'.</i>			
		<i>For Work >30' To 40' Above Floor, Add</i>	0.46		
		<i>Note: Applied only to work area above 30' to 40'.</i>			
		<i>For Work >40' Above Floor, Add</i>	0.63		
		<i>Note: Applied only to work area above 40'.</i>			
09 91 23 00-0341	SF	1 Coat Paint, Brush Work, Paint Interior Exposed Metal Trim	1.48		
		<i>For Work >15' To 20' Above Floor, Add</i>	0.19		
		<i>Note: Applied only to work area above 15' to 20'.</i>			
		<i>For Work >20' To 30' Above Floor, Add</i>	0.32		
		<i>Note: Applied only to work area above 20' to 30'.</i>			
		<i>For Work >30' To 40' Above Floor, Add</i>	0.51		
		<i>Note: Applied only to work area above 30' to 40'.</i>			
		<i>For Work >40' Above Floor, Add</i>	0.70		
		<i>Note: Applied only to work area above 40'.</i>			

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0342	SF 2 Coats Paint, Brush Work, Paint Interior Exposed Metal Trim.....	2.67	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.34	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.57	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.90	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	1.24	
	<i>Note: Applied only to work area above 40'.</i>		
09 91 23 00-0343	SF 1 Coat Primer, Brush/Roller Work, Paint Interior Exposed Metal Trim.....	1.13	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.14	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.23	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.37	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	0.51	
	<i>Note: Applied only to work area above 40'.</i>		
09 91 23 00-0344	SF 1 Coat Paint, Brush/Roller Work, Paint Interior Exposed Metal Trim.....	1.23	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.15	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.26	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.41	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	0.56	
	<i>Note: Applied only to work area above 40'.</i>		
09 91 23 00-0345	SF 2 Coats Paint, Brush/Roller Work, Paint Interior Exposed Metal Trim.....	2.21	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.27	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.45	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.72	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	0.99	
	<i>Note: Applied only to work area above 40'.</i>		
09 91 23 00-0346	Paint Interior Wood Trim (09 91 23 00-0338)		
09 91 23 00-0347	LF 1 Coat Primer, Brush Work, Paint Interior Wood Trim To 6" Wide.....	0.90	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.12	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.21	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.33	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	0.46	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Oil Based Paint, Add</i>	0.05	
09 91 23 00-0348	LF 1 Coat Paint, Brush Work, Paint Interior Wood Trim To 6" Wide.....	1.00	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.14	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.23	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.37	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	0.51	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Oil Based Paint, Add</i>	0.05	
09 91 23 00-0349	LF 2 Coats Paint, Brush Work, Paint Interior Wood Trim To 6" Wide.....	2.08	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.29	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.49	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.78	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	1.08	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Oil Based Paint, Add</i>	0.11	
09 91 23 00-0350	SF 1 Coat Primer, Brush Work, Paint Interior Wood Trim.....	2.76	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.37	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.61	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.98	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	1.35	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Oil Based Paint, Add</i>	0.15	
09 91 23 00-0351	SF 1 Coat Paint, Brush Work, Paint Interior Wood Trim.....	3.06	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.41	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.68	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	1.09	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	1.50	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Oil Based Paint, Add</i>	0.17	

MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 23 00-0352	SF 2 Coats Paint, Brush Work, Paint Interior Wood Trim.....	5.55	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.73	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	1.22	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	1.95	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	2.68	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Oil Based Paint, Add</i>	0.31	
09 91 23 00-0353	SF 1 Coat Primer, Brush/Roller Work, Paint Interior Wood Trim.....	2.26	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.29	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.49	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.78	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	1.07	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Oil Based Paint, Add</i>	0.13	
09 91 23 00-0354	SF 1 Coat Paint, Brush/Roller Work, Paint Interior Wood Trim.....	2.52	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.33	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.55	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.87	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	1.20	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Oil Based Paint, Add</i>	0.14	
09 91 23 00-0355	SF 2 Coats Paint, Brush/Roller Work, Paint Interior Wood Trim.....	4.54	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.58	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.97	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	1.54	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	2.12	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Oil Based Paint, Add</i>	0.26	

09 91 23 00-0356 Paint Additives (09 91 23)

09 91 23 00-0357	SF Mildewcide/Mold Killing Paint Additive Per Each Coat.....	0.02	
09 91 23 00-0358	SF Class "B" Fire Rating, Fire Resistant Paint Additive.....	0.08	
	<i>For Class "A" Fire Rating, Add</i>	0.08	

09 91 23 00-0359 Hand Painting Letters/Numbers (09 91 23)

	<i>Note: Painting on walls, floors, poles, signs, etc.</i>		
09 91 23 00-0360	EA Up To 1" High, Hand Paint, Per Letter/Number.....	2.79	
09 91 23 00-0361	EA 1" To 2" High, Hand Paint, Per Letter/Number.....	3.25	
09 91 23 00-0362	EA 2" To 3" High, Hand Paint, Per Letter/Number.....	4.94	
09 91 23 00-0363	EA 3" To 4" High, Hand Paint, Per Letter/Number.....	6.04	
09 91 23 00-0364	EA 4" To 6" High, Hand Paint, Per Letter/Number.....	8.33	
09 91 23 00-0365	EA 6" To 12" High, Hand Paint, Per Letter/Number.....	10.55	
09 91 23 00-0366	EA Over 12" High, Hand Paint, Per Letter/Number.....	12.37	

09 91 23 00-0367 Glove/Mitt Application (09 91 23)

09 91 23 00-0368 Conduit/Pipe (09 91 23 00-0367)

09 91 23 00-0369	CSF Acid Wash (Muriatic Acid) Conduit Or Pipe With Glove/Mitt.....	52.82	
	<i>For Work >15' To 20' Above Floor, Add</i>	7.44	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	12.40	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	19.84	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	27.27	
	<i>Note: Applied only to work area above 40'.</i>		
09 91 23 00-0370	CSF Metal Primer Conduit Or Pipe With Glove/Mitt.....	85.55	
	<i>For Work >15' To 20' Above Floor, Add</i>	8.93	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	14.88	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	23.80	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	32.73	
	<i>Note: Applied only to work area above 40'.</i>		
09 91 23 00-0371	CSF Enamel Paint, Oil Base Paint, First Coat Conduit Or Pipe With Glove/Mitt.....	67.09	
	<i>For Work >15' To 20' Above Floor, Add</i>	6.54	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	10.91	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	17.45	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	24.00	
	<i>Note: Applied only to work area above 40'.</i>		

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0372	CSF Enamel Paint, Oil Base Paint, Second Coat Conduit Or Pipe With Glove/Mitt..... <i>For Work >15' To 20' Above Floor, Add</i> <i>Note: Applied only to work area above 15' to 20'.</i> <i>For Work >20' To 30' Above Floor, Add</i> <i>Note: Applied only to work area above 20' to 30'.</i> <i>For Work >30' To 40' Above Floor, Add</i> <i>Note: Applied only to work area above 30' to 40'.</i> <i>For Work >40' Above Floor, Add</i> <i>Note: Applied only to work area above 40'.</i>	54.70 4.91 8.18 13.09 18.00	
09 91 23 00-0373	CSF Epoxy Paint, First Coat Conduit Or Pipe With Glove/Mitt..... <i>For Work >15' To 20' Above Floor, Add</i> <i>Note: Applied only to work area above 15' to 20'.</i> <i>For Work >20' To 30' Above Floor, Add</i> <i>Note: Applied only to work area above 20' to 30'.</i> <i>For Work >30' To 40' Above Floor, Add</i> <i>Note: Applied only to work area above 30' to 40'.</i> <i>For Work >40' Above Floor, Add</i> <i>Note: Applied only to work area above 40'.</i>	102.57 7.44 12.40 19.84 27.27	
09 91 23 00-0374	CSF Epoxy Paint, Second Coat Conduit Or Pipe With Glove/Mitt <i>For Work >15' To 20' Above Floor, Add</i> <i>Note: Applied only to work area above 15' to 20'.</i> <i>For Work >20' To 30' Above Floor, Add</i> <i>Note: Applied only to work area above 20' to 30'.</i> <i>For Work >30' To 40' Above Floor, Add</i> <i>Note: Applied only to work area above 30' to 40'.</i> <i>For Work >40' Above Floor, Add</i> <i>Note: Applied only to work area above 40'.</i>	94.42 6.54 10.91 17.45 24.00	
09 91 23 00-0375 Ductwork <small>(09 91 23 00-0367)</small>			
09 91 23 00-0376	CSF Acid Wash (Muriatic Acid) Ductwork With Glove/Mitt..... <i>For Work >15' To 20' Above Floor, Add</i> <i>Note: Applied only to work area above 15' to 20'.</i> <i>For Work >20' To 30' Above Floor, Add</i> <i>Note: Applied only to work area above 20' to 30'.</i> <i>For Work >30' To 40' Above Floor, Add</i> <i>Note: Applied only to work area above 30' to 40'.</i> <i>For Work >40' Above Floor, Add</i> <i>Note: Applied only to work area above 40'.</i>	52.82 7.44 12.40 19.84 27.27	
09 91 23 00-0377	CSF Metal Primer Ductwork With Glove/Mitt <i>For Work >15' To 20' Above Floor, Add</i> <i>Note: Applied only to work area above 15' to 20'.</i> <i>For Work >20' To 30' Above Floor, Add</i> <i>Note: Applied only to work area above 20' to 30'.</i> <i>For Work >30' To 40' Above Floor, Add</i> <i>Note: Applied only to work area above 30' to 40'.</i> <i>For Work >40' Above Floor, Add</i> <i>Note: Applied only to work area above 40'.</i>	77.86 7.44 12.40 19.84 27.27	
09 91 23 00-0378	CSF Enamel Paint, Oil Base Paint Ductwork With Glove/Mitt..... <i>For Work >15' To 20' Above Floor, Add</i> <i>Note: Applied only to work area above 15' to 20'.</i> <i>For Work >20' To 30' Above Floor, Add</i> <i>Note: Applied only to work area above 20' to 30'.</i> <i>For Work >30' To 40' Above Floor, Add</i> <i>Note: Applied only to work area above 30' to 40'.</i> <i>For Work >40' Above Floor, Add</i> <i>Note: Applied only to work area above 40'.</i>	60.97 5.95 9.92 15.87 21.82	
09 91 23 00-0379	CSF Epoxy Paint, First Coat Ductwork With Glove/Mitt..... <i>For Work >15' To 20' Above Floor, Add</i> <i>Note: Applied only to work area above 15' to 20'.</i> <i>For Work >20' To 30' Above Floor, Add</i> <i>Note: Applied only to work area above 20' to 30'.</i> <i>For Work >30' To 40' Above Floor, Add</i> <i>Note: Applied only to work area above 30' to 40'.</i> <i>For Work >40' Above Floor, Add</i> <i>Note: Applied only to work area above 40'.</i>	98.77 7.44 12.40 19.84 27.27	
09 91 23 00-0380	CSF Epoxy Paint, Second Coat Ductwork With Glove/Mitt..... <i>For Work >15' To 20' Above Floor, Add</i> <i>Note: Applied only to work area above 15' to 20'.</i> <i>For Work >20' To 30' Above Floor, Add</i> <i>Note: Applied only to work area above 20' to 30'.</i> <i>For Work >30' To 40' Above Floor, Add</i> <i>Note: Applied only to work area above 30' to 40'.</i> <i>For Work >40' Above Floor, Add</i> <i>Note: Applied only to work area above 40'.</i>	85.77 5.95 9.92 15.87 21.82	
09 91 23 00-0381 Stencil Painting Letters/Numbers <small>(09 91 23)</small>			
<i>Note: Painting on walls, floors, poles, etc. Includes stencil cutout and paint.</i>			
09 91 23 00-0382	EA Up To 1" High, Stencil Painting, Per Letter/Number <i>For >200 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000 To 2,000, Deduct</i> <i>For >2,000, Deduct</i>	2.28 -0.18 -0.29 -0.36 -0.46	
09 91 23 00-0383	EA 1" To 2" High, Stencil Painting, Per Letter/Number..... <i>For >200 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000 To 2,000, Deduct</i> <i>For >2,000, Deduct</i>	2.64 -0.21 -0.33 -0.42 -0.53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 23 00-0384	EA	2" To 3" High, Stencil Painting, Per Letter/Number.....	4.45		
		For >200 To 500, Deduct	-0.36		
		For >500 To 1,000, Deduct	-0.56		
		For >1,000 To 2,000, Deduct	-0.71		
		For >2,000, Deduct	-0.89		
09 91 23 00-0385	EA	3" To 4" High, Stencil Painting, Per Letter/Number.....	5.46		
		For >200 To 500, Deduct	-0.44		
		For >500 To 1,000, Deduct	-0.68		
		For >1,000 To 2,000, Deduct	-0.87		
		For >2,000, Deduct	-1.09		
09 91 23 00-0386	EA	4" To 6" High, Stencil Painting, Per Letter/Number.....	7.51		
		For >200 To 500, Deduct	-0.60		
		For >500 To 1,000, Deduct	-0.94		
		For >1,000 To 2,000, Deduct	-1.20		
		For >2,000, Deduct	-1.50		
09 91 23 00-0387	EA	6" To 12" High, Stencil Painting, Per Letter/Number.....	9.99		
		For >200 To 500, Deduct	-0.80		
		For >500 To 1,000, Deduct	-1.25		
		For >1,000 To 2,000, Deduct	-1.60		
		For >2,000, Deduct	-2.00		
09 91 23 00-0388	EA	Over 12" High, Stencil Painting, Per Letter/Number.....	11.78		
		For >200 To 500, Deduct	-0.94		
		For >500 To 1,000, Deduct	-1.47		
		For >1,000 To 2,000, Deduct	-1.88		
		For >2,000, Deduct	-2.36		

09 91 23 00-0389 Logo Painting (09 91 23)

09 91 23 00-0390	SF	Simple Design, Paint Logo	43.32		
09 91 23 00-0391	SF	Complex Design, Paint Logo	50.88		

09 91 23 00-0392 Paint Interior Miscellaneous Metal Surfaces (09 91 23)

09 91 23 00-0393	SF	1 Coat Alkyd Anticorrosive Metal Primer, Brush/Roller Work, Paint Interior Miscellaneous Metal Surfaces.....	0.94		
		For Electrostatic Painting, Add	0.13		
		For Work >15' To 20' Above Floor, Add	0.11		
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add	0.18		
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add	0.29		
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add	0.40		
		Note: Applied only to work area above 40'.			
		For Up To 100, Add	0.58		
		For >100 To 250, Add	0.28		
		For >250 To 500, Add	0.12		
		For >2,500 To 5,000, Deduct	-0.05		
		For >5,000 To 10,000, Deduct	-0.09		
		For >10,000 To 20,000, Deduct	-0.14		
		For >20,000, Deduct	-0.19		
09 91 23 00-0394	SF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Miscellaneous Metal Surfaces.....	1.11		
		For Electrostatic Painting, Add	0.14		
		For Work >15' To 20' Above Floor, Add	0.14		
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add	0.23		
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add	0.36		
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add	0.50		
		Note: Applied only to work area above 40'.			
		For Up To 100, Add	0.71		
		For >100 To 250, Add	0.34		
		For >250 To 500, Add	0.15		
		For >2,500 To 5,000, Deduct	-0.06		
		For >5,000 To 10,000, Deduct	-0.11		
		For >10,000 To 20,000, Deduct	-0.17		
		For >20,000, Deduct	-0.22		
09 91 23 00-0395	SF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Miscellaneous Metal Surfaces.....	1.95		
		For Electrostatic Painting, Add	0.24		
		For Work >15' To 20' Above Floor, Add	0.24		
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add	0.41		
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add	0.65		
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add	0.90		
		Note: Applied only to work area above 40'.			
		For Up To 100, Add	1.27		
		For >100 To 250, Add	0.60		
		For >250 To 500, Add	0.26		
		For >2,500 To 5,000, Deduct	-0.10		
		For >5,000 To 10,000, Deduct	-0.20		
		For >10,000 To 20,000, Deduct	-0.29		
		For >20,000, Deduct	-0.39		

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 91 23 00-0396	SF	1 Coat Alkyd Anticorrosive Metal Primer, Sprayed, Paint Interior Miscellaneous Metal Surfaces.....	1.18
		<i>For Electrostatic Painting, Add</i>	0.15
		<i>For Work >15' To 20' Above Floor, Add</i>	0.14
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.24
		<i>Note: Applied only to work area above 20' to 30'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.38
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	0.52
		<i>Note: Applied only to work area above 40'.</i>	
		<i>For Up To 100, Add</i>	0.74
		<i>For >100 To 250, Add</i>	0.35
		<i>For >250 To 500, Add</i>	0.15
		<i>For >2,500 To 5,000, Deduct</i>	-0.06
		<i>For >5,000 To 10,000, Deduct</i>	-0.12
		<i>For >10,000 To 20,000, Deduct</i>	-0.18
		<i>For >20,000, Deduct</i>	-0.24
09 91 23 00-0397	SF	1 Coat Alkyd Enamel Paint, Sprayed, Paint Interior Miscellaneous Metal Surfaces	1.18
		<i>For Electrostatic Painting, Add</i>	0.15
		<i>For Work >15' To 20' Above Floor, Add</i>	0.14
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.24
		<i>Note: Applied only to work area above 20' to 30'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.38
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	0.52
		<i>Note: Applied only to work area above 40'.</i>	
		<i>For Up To 100, Add</i>	0.74
		<i>For >100 To 250, Add</i>	0.35
		<i>For >250 To 500, Add</i>	0.15
		<i>For >2,500 To 5,000, Deduct</i>	-0.06
		<i>For >5,000 To 10,000, Deduct</i>	-0.12
		<i>For >10,000 To 20,000, Deduct</i>	-0.18
		<i>For >20,000, Deduct</i>	-0.24
09 91 23 00-0398	SF	2 Coats Alkyd Enamel Paint, Sprayed, Paint Interior Miscellaneous Metal Surfaces	1.82
		<i>For Electrostatic Painting, Add</i>	0.24
		<i>For Work >15' To 20' Above Floor, Add</i>	0.22
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.37
		<i>Note: Applied only to work area above 20' to 30'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.58
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	0.80
		<i>Note: Applied only to work area above 40'.</i>	
		<i>For Up To 100, Add</i>	1.15
		<i>For >100 To 250, Add</i>	0.55
		<i>For >250 To 500, Add</i>	0.24
		<i>For >2,500 To 5,000, Deduct</i>	-0.09
		<i>For >5,000 To 10,000, Deduct</i>	-0.18
		<i>For >10,000 To 20,000, Deduct</i>	-0.27
		<i>For >20,000, Deduct</i>	-0.36

09 91 33 Painting Materials (09 91)

Note: Paint per gallon for owners to obtain extra paint. Not to be used in conjunction with other painting tasks.

09 91 33 00-0001	Primer (09 91 33)		
09 91 33 00-0002	GAL	Alkyd Primer/Sealer, Interior, 500 SF Per Gallon.....	53.85
09 91 33 00-0003	GAL	Alkyd Wood Primer, Exterior, 400 SF Per Gallon	39.28
09 91 33 00-0004	GAL	Prime Coat Oil Wood Primer, 310 SF Per Gallon	49.81
09 91 33 00-0005	GAL	Catalyzed Epoxy Primer, Two Component Type, 425 SF Per Gallon	123.23
09 91 33 00-0006	EA	Cement Base Primer, 25 LB Sack	41.08
09 91 33 00-0007	GAL	Alkali Resistant Concrete And Masonry Primer, Exterior, 225 SF Per Gallon.....	63.33
09 91 33 00-0008	GAL	Alkali Resistant Concrete And Masonry Primer, Interior, 225 SF Per Gallon.....	50.84
09 91 33 00-0009	GAL	Acrylic Latex Primer, Flat Exterior, Fast Drying Wood Undercoat And Back Primer, 400 SF per Gallon.....	39.28
09 91 33 00-0010	GAL	Acrylic (Vinyl Acrylic) Block Filler, 50 SF Per Gallon.....	35.69
09 91 33 00-0011	GAL	Acrylic (Vinyl Acrylic) Rust Inhibiting Metal, Primer - 500 SF Per Gallon: Paint - 260 SF Per Gallon	62.91
09 91 33 00-0012	GAL	Acrylic Heavy Duty Wall Primer/Sealer, Low Odor Type, Alkali-Resistant, 800 SF Per Gallon.....	52.38
09 91 33 00-0013	GAL	Acrylic (Vinyl Acrylic) Undercoat, All Purpose, Interior/Exterior, 500 SF Per Gallon	52.38
09 91 33 00-0014	GAL	Latex Wood Primer, Exterior, 300 SF Per Gallon	59.06
09 91 33 00-0015	GAL	Linseed (Oil Base) Primer, Exterior/Interior, 300 SF Per Gallon	38.51
09 91 33 00-0016	GAL	Red Alkyd Primer, 500 SF Per Gallon.....	92.17
09 91 33 00-0017	GAL	Wood Sealer/Primer, Interior, Clear, 600 SF Per Gallon.....	41.08
09 91 33 00-0018	GAL	Zinc Chromate Primer, 300 SF Per Gallon	32.87
09 91 33 00-0019	GAL	Zinc Dust/Zinc Oxide Primer, 300 SF Per Gallon.....	84.99
09 91 33 00-0020	GAL	Stain Killer, Alcohol Base.....	53.00
09 91 33 00-0021	GAL	Sealer, Primer Kilz, 400 SF Per Gallon.....	59.80
09 91 33 00-0022	Paint (09 91 33)		
09 91 33 00-0023	GAL	Aluminum Fiber Roof Coat On Composition Roof, 50 SF Per Gallon	28.76
09 91 33 00-0024	GAL	Acrylic Urethane Sealer	142.59
09 91 33 00-0025	GAL	Asphalt-Fiber Roof And Foundation Coating, Solvent Type.....	15.41
		<i>Note: 75 SF per gallon on roof or concrete, 100 SF per gallon on metal.</i>	
09 91 33 00-0026	GAL	Concrete Enamel Epoxy, 350 SF Per Gallon.....	89.10
09 91 33 00-0027	GAL	Concrete Acrylic Sealer, 400 SF Per Gallon	46.73
09 91 33 00-0028	GAL	Tar Emulsion, Driveway Coating, 120 SF Per Gallon	15.41
09 91 33 00-0029	GAL	Acrylic Latex, Driveway Coating, 250 SF Per Gallon	23.37
09 91 33 00-0030	GAL	Exterior, Oil Base, Gloss Enamel, 400 SF Per Gallon	63.72

09 91 33 00-0031	GAL Exterior, Oil Base, Gloss, 400 SF Per Gallon	62.91
09 91 33 00-0032	GAL Exterior, Oil Base, Semi-Gloss, 400 SF Per Gallon	51.35
09 91 33 00-0033	GAL Exterior, Flat, Oil Base	47.07
09 91 33 00-0034	GAL Exterior, Latex, Semi-Gloss, 400 SF Per Gallon	44.68
09 91 33 00-0035	GAL Exterior, Flat Latex, Trim Paint, 500 SF Per Gallon	52.64
09 91 33 00-0036	GAL Exterior, Latex Flat Paint, 300 SF Per Gallon	46.73
09 91 33 00-0037	GAL Exterior, Water Base, Latex Gloss Enamel	66.52
09 91 33 00-0038	GAL Cold Galvanizing Paint	339.53
09 91 33 00-0039	GAL High Heat Paint	130.48
09 91 33 00-0040	GAL Heat Resistant Paint	86.99
09 91 33 00-0041	GAL Zinc Chromate Paint	78.70
09 91 33 00-0042	QT Anti-Rust Enamel, 500 SF Per Quart	31.07
09 91 33 00-0043	GAL Rust Inhibitor, Ferrous Metal	86.99
09 91 33 00-0044	GAL Masonry Waterproofing, 100 SF Per Gallon	46.73
09 91 33 00-0045	GAL Alkyd Latex, Black	58.68
09 91 33 00-0046	GAL Alkyd Latex, White	58.68
09 91 33 00-0047	GAL Alkyd Latex, Colors	70.77
09 91 33 00-0048	QT Wrought Iron Paint, Black	79.40
09 91 33 00-0049	GAL Vinyl Paint	78.57
09 91 33 00-0050	GAL Silicone Alkyd	95.52
09 91 33 00-0051	GAL 2 Component Solvent Based Acrylic Epoxy	97.06
09 91 33 00-0052	GAL 2 Component Solvent Based Polyester Epoxy	121.71
09 91 33 00-0053	GAL Chlorinated Rubber	89.35
09 91 33 00-0054	GAL Polyamide Epoxy Sealer	92.43
09 91 33 00-0055	GAL Coal Tar Epoxy	66.24
09 91 33 00-0056	GAL Swimming Pool Enamel, 350 SF Per Gallon	82.68
09 91 33 00-0057	GAL Swimming Pool Epoxy Or Urethane Base	107.84
09 91 33 00-0058	GAL Swimming Pool Rubber Base	73.95
09 91 33 00-0059	GAL Interior, Latex Flat Paint, 300 SF Per Gallon	46.99
09 91 33 00-0060	GAL Interior, Latex Eggshell Or Semi-Gloss Enamel, 300 SF Per Gallon	52.64
09 91 33 00-0061	GAL Interior, Fire-Retardant Flat Paint, 200 SF Per Gallon	96.29
09 91 33 00-0062	GAL Interior, Ceiling White Latex Flat, 350 SF Per Gallon	32.61
09 91 33 00-0063	GAL Linseed Oil	28.50
09 91 33 00-0064	GAL Latex Floor Paint, 300 SF Per Gallon	46.73
09 91 33 00-0065	GAL Acrylic Floor Paint, 400 SF Per Gallon	52.64
09 91 33 00-0066	GAL Textured Paint, Sand Texture Latex, Armor Coat, 100 SF Per Gallon	48.14
09 91 33 00-0067	GAL Acoustic Spray-On Texture, Finish	38.69

09 91 33 00-0068 Stain, Varnish (09 91 33)

09 91 33 00-0069	GAL Thompson Water Sealer, 150 SF Per Gallon	26.70
09 91 33 00-0070	GAL Latex Redwood Stain, Water Base, 300 SF Per Gallon	49.81
09 91 33 00-0071	GAL Redwood Oil Stain, 300 SF Per Gallon	44.42
09 91 33 00-0072	GAL Varnish, Clear	39.40
09 91 33 00-0073	GAL Penetrating Water-Repellent Stain	28.61
09 91 33 00-0074	GAL Redwood Hue Or Clear Stain	25.57
09 91 33 00-0075	GAL Polyurethane	44.90
09 91 33 00-0076	GAL Lacquer, Semi-Gloss	46.87
09 91 33 00-0077	GAL Shellac, Clear	61.49
09 91 33 00-0078	GAL Acetone	20.28
09 91 33 00-0079	GAL Paint Thinner	5.01
09 91 33 00-0080	GAL Shellac Or Lacquer Thinner	20.54
09 91 33 00-0081	GAL Turpentine	28.24
09 91 33 00-0082	GAL Wood Filler Paste	48.27
09 91 33 00-0083	GAL Wood Preservative, Pentachlorophenol, General Purpose, 40%, 150 SF Per Gallon	38.51
09 91 33 00-0084	GAL Waterbased Alkyd Urethane (Sherwin Williams B53W01153)	99.03

09 91 43 Surface Preparation (09 91)

See CSI section 09 01 90 52-0000 for preparation on painted or unpainted surfaces.

09 93 Staining and Transparent Finishing (09 90)

Note: Includes light sanding or screening between coats.

09 93 13 Exterior Staining and Finishing (09 93)

09 93 13 53 Exterior Finishing (09 93 13)

09 93 13 53-0001 Stain Sealer (09 93 13 53)

Note: Measured by surface area of wall or ceiling.

09 93 13 53-0002	SF Stain Sealer, Brush Work	1.09
	For Ceiling Work, Add	0.15
	For >5,000 To 10,000, Deduct	-0.03
	For >10,000 To 20,000, Deduct	-0.06
	For >20,000, Deduct	-0.09
09 93 13 53-0003	SF Stain Sealer, Brush/Roller Work	0.87
	For Ceiling Work, Add	0.11
	For >5,000 To 10,000, Deduct	-0.02
	For >10,000 To 20,000, Deduct	-0.05
	For >20,000, Deduct	-0.07
09 93 13 53-0004	SF Stain Sealer, Sprayed	0.34
	For Ceiling Work, Add	0.03
	For >5,000 To 10,000, Deduct	-0.01
	For >10,000 To 20,000, Deduct	-0.02
	For >20,000, Deduct	-0.03

09 Finishes**09 90 Painting and Coating****09 93 Staining and Transparent Finishing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
09 93 23 Interior Staining and Finishing (09 93)

Note: VOC compliant in all regulated areas, review specifications for levels.

09 93 23 13 Interior Staining (09 93 23)**09 93 23 13-0001 Stain Wood Trim (09 93 23 13)**

09 93 23 13-0002	LF	Stain Wood Trim, Up To 6" Wide, 1 Coat Stain, With Brush And Wipe Off.....	1.31
		<i>For Up To 100, Add</i>	0.94
		<i>For >100 To 250, Add</i>	0.44
		<i>For >250 To 500, Add</i>	0.19
		<i>For >4,000, Deduct</i>	-0.07
09 93 23 13-0003	SF	Stain Wood Trim, 1 Coat Stain, With Brush And Wipe Off.....	1.95
		<i>For Up To 100, Add</i>	1.38
		<i>For >100 To 250, Add</i>	0.65
		<i>For >250 To 500, Add</i>	0.28
		<i>For >4,000, Deduct</i>	-0.10

09 93 23 13-0004 Stain Wood Floor (09 93 23 13)

09 93 23 13-0005	SF	Stain Or Varnish Wood Floor, 1 Coat Stain, Brush Work.....	0.61
		<i>For Up To 100, Add</i>	0.38
		<i>For >100 To 250, Add</i>	0.18
		<i>For >250 To 500, Add</i>	0.08
		<i>For >4,000, Deduct</i>	-0.03
09 93 23 13-0006	SF	Stain Or Varnish Wood Floor, 1 Coat Stain, Brush/Roller Work.....	0.45
		<i>For Up To 100, Add</i>	0.26
		<i>For >100 To 250, Add</i>	0.13
		<i>For >250 To 500, Add</i>	0.05
		<i>For >4,000, Deduct</i>	-0.02

09 93 23 13-0007 Stain Wood Door And Window (09 93 23 13)

09 93 23 13-0008	EA	Stain Wood Door, 1 Coat Stain With Brush And Wipe Off Wood Door (Per Face).....	63.49
		<i>For Up To 4, Add</i>	46.42
		<i>For >4 To 10, Add</i>	21.72
		<i>For >10 To 20, Add</i>	9.32
		<i>For >160, Deduct</i>	-3.17
09 93 23 13-0009	EA	Stain Wood Window, 1 Coat Stain With Brush And Wipe Off Wood Window And Frame (Per Face).....	45.08
		<i>For Up To 4, Add</i>	32.05
		<i>For >4 To 10, Add</i>	15.04
		<i>For >10 To 20, Add</i>	6.47
		<i>For >160, Deduct</i>	-2.25

09 93 23 13-0010 Stain Wood Cabinet (09 93 23 13)

09 93 23 13-0011	SF	Stain Cabinet, 1 Coat Stain With Brush And Wipe.....	1.58
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09 93 23 53 Interior Finishing (09 93 23)**09 93 23 53-0001 Concrete Finishes (09 93 23 53)**

09 93 23 53-0002	SF	Finish Concrete Floor, 1 Coat Polyurethane.....	0.92
		<i>For Up To 100, Add</i>	0.56
		<i>For >100 To 250, Add</i>	0.27
		<i>For >250 To 500, Add</i>	0.12
		<i>For >4,000, Deduct</i>	-0.05

09 93 23 53-0003 Wood Trim Finishes (09 93 23 53)

09 93 23 53-0004	SF	Finish Wood Trim, 1 Coat Sealer And 1 Coat Varnish Or Polyurethane.....	1.59
		<i>For Up To 100, Add</i>	1.07
		<i>For >100 To 250, Add</i>	0.50
		<i>For >250 To 500, Add</i>	0.22
		<i>For >4,000, Deduct</i>	-0.08
09 93 23 53-0005	SF	Finish Wood Trim, 1 Coat Varnish Or Polyurethane.....	1.05
		<i>For Up To 100, Add</i>	0.73
		<i>For >100 To 250, Add</i>	0.35
		<i>For >250 To 500, Add</i>	0.15
		<i>For >4,000, Deduct</i>	-0.05

09 93 23 53-0006 Wood Floor Finishes (09 93 23 53)

09 93 23 53-0007	SF	Refinish Wood Floor, 2 Coats Polyurethane.....	3.27
		Note: Includes sanding existing floor.	
		<i>For Up To 100, Add</i>	2.32
		<i>For >100 To 250, Add</i>	1.09
		<i>For >250 To 500, Add</i>	0.47
		<i>For >4,000, Deduct</i>	-0.16
09 93 23 53-0008	SF	Polyurethane Wood Floor, 1 Coat Polyurethane, With Wool Applicator Or Brush Work.....	0.80
		Note: Includes screening between coats.	
		<i>For Up To 100, Add</i>	0.53
		<i>For >100 To 250, Add</i>	0.25
		<i>For >250 To 500, Add</i>	0.11
		<i>For >4,000, Deduct</i>	-0.04

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 93 23 53-0009	SF		Refinish Wood Floor, 1 Coat Sealer And 2 Coats Polyurethane.....	3.72	
			Note: Includes sanding existing floor.		
			For Up To 100, Add	2.62	
			For >100 To 250, Add	1.23	
			For >250 To 500, Add	0.53	
			For >4,000, Deduct	-0.19	

09 93 23 53-0010 Wood Door And Window Finishes (09 93 23 53)
 See CSI section 08 14 16 00-0627 for factory finish.

09 93 23 53-0011	EA		Varnish Or Polyurethane Wood Door, 1 Coat Shellac (Per Face)	45.85	
			For Up To 4, Add	33.44	
			For >4 To 10, Add	15.65	
			For >10 To 20, Add	6.72	
			For >160, Deduct	-2.29	
09 93 23 53-0012	EA		Varnish Or Polyurethane Wood Door, 3 Coats Shellac, With Light Sanding Between Coats (Per Face)	138.85	
			For Up To 4, Add	99.78	
			For >4 To 10, Add	46.78	
			For >10 To 20, Add	20.10	
			For >160, Deduct	-6.94	

09 93 23 53-0013 Cabinet Finishes (09 93 23 53)

09 93 23 53-0014	SF		Finish Cabinet, 1 Coat Shellac, Varnish Or Polyurethane	1.59	
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09 93 23 53-0015 Gym, Stage And Dance Floor Finishes (09 93 23 53)

09 93 23 53-0016	SF		Yearly Maintenance Refinish Of Gym, Stage Or Dance Floor	1.04	
			Note: Includes screening, one coat of finish and buffing. Excludes repainting of game lines.		
09 93 23 53-0017	SF		Finish New Elementary School Wood Gym, Stage Or Dance Floor	4.57	
			Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
			For Stage Or Dance Floors, Deduct	-0.09	
09 93 23 53-0018	SF		Finish New Middle Or Junior School Wood Gym, Stage Or Dance Floor	4.66	
			Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
			For Stage Or Dance Floors, Deduct	-0.09	
09 93 23 53-0019	SF		Finish New High School Wood Gym, Stage Or Dance Floor	4.76	
			Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
			For Stage Or Dance Floors, Deduct	-0.10	
09 93 23 53-0020	SF		Refinish Existing Elementary School Wood Gym, Stage Or Dance Floor	4.57	
			Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
			For Stage Or Dance Floors, Deduct	-0.09	
09 93 23 53-0021	SF		Refinish Existing Middle Or Junior School Wood Gym, Stage Or Dance Floor	4.66	
			Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
			For Stage Or Dance Floors, Deduct	-0.09	
09 93 23 53-0022	SF		Refinish Existing High School Wood Gym, Stage Or Dance Floor	4.76	
			Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
			For Stage Or Dance Floors, Deduct	-0.10	

09 94 Decorative Finishing (09 90)

09 94 13 Textured Finishing (09 94)

09 94 13 00-0001	SF		Textured Metallic Paint (Scufmaster Envirometal).....	3.17	
			For Up To 100, Add	1.22	
			For >100 To 250, Add	0.63	
			For >250 To 500, Add	0.28	

09 96 High-Performance Coatings (09 90)

09 96 23 Graffiti-Resistant Coatings (09 96)

09 96 23 00-0001 Anti-Graffiti Coating (09 96 23)

09 96 23 00-0002	SF		Sacrificial Anti-Graffiti Coating, Per Coat	1.62	
			For Up To 100, Add	0.99	
			For >100 To 250, Add	0.47	
			For >250 To 500, Add	0.21	
09 96 23 00-0003	SF		Permanent (Non-Sacrificial) Anti-Graffiti Coating, Per Coat	1.72	
			For Up To 100, Add	1.00	
			For >100 To 250, Add	0.48	
			For >250 To 500, Add	0.21	

09 96 53 Elastomeric Coatings (09 96)

09 96 53 00-0001 Elastomeric Painting (09 96 53)

Note: Per coat.

09 Finishes

09 90 Painting and Coating

09 96 High-Performance Coatings

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 96 53 00-0002	SF	1 Coat, 5.3 To 8 Wet Mills, Brush Work, Elastomeric Primer Applied To Walls And Floors.....	0.99	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.12	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.20	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.32	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.45	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.63	
		<i>For >100 To 250, Add</i>	0.30	
		<i>For >250 To 500, Add</i>	0.13	
		<i>For >2,500 To 5,000, Deduct</i>	-0.05	
		<i>For >5,000 To 10,000, Deduct</i>	-0.10	
		<i>For >10,000 To 20,000, Deduct</i>	-0.15	
		<i>For >20,000, Deduct</i>	-0.20	
09 96 53 00-0003	SF	1 Coat, 5.3 To 8 Wet Mills, Brush/Roller Work, Elastomeric Primer Applied To Walls And Floors.....	0.84	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.10	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.17	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.27	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.37	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.53	
		<i>For >100 To 250, Add</i>	0.25	
		<i>For >250 To 500, Add</i>	0.11	
		<i>For >2,500 To 5,000, Deduct</i>	-0.04	
		<i>For >5,000 To 10,000, Deduct</i>	-0.08	
		<i>For >10,000 To 20,000, Deduct</i>	-0.13	
		<i>For >20,000, Deduct</i>	-0.17	
09 96 53 00-0004	SF	1 Coat, 5.3 To 8 Wet Mills, Sprayed, Elastomeric Primer Applied To Walls And Floors.....	0.67	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.07	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.11	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.18	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.25	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.37	
		<i>For >100 To 250, Add</i>	0.18	
		<i>For >250 To 500, Add</i>	0.08	
		<i>For >2,500 To 5,000, Deduct</i>	-0.03	
		<i>For >5,000 To 10,000, Deduct</i>	-0.07	
		<i>For >10,000 To 20,000, Deduct</i>	-0.10	
		<i>For >20,000, Deduct</i>	-0.13	
09 96 53 00-0005	SF	1 Coat, 13 To 16 Wet Mills, Brush Work, Elastomeric Paint Applied To Walls And Floors.....	2.04	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.14	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.24	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.38	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.52	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.88	
		<i>For >100 To 250, Add</i>	0.44	
		<i>For >250 To 500, Add</i>	0.20	
		<i>For >2,500 To 5,000, Deduct</i>	-0.10	
		<i>For >5,000 To 10,000, Deduct</i>	-0.20	
		<i>For >10,000 To 20,000, Deduct</i>	-0.31	
		<i>For >20,000, Deduct</i>	-0.41	
09 96 53 00-0006	SF	1 Coat, 13 To 16 Wet Mills, Brush/Roller Work, Elastomeric Paint Applied To Walls And Floors.....	1.88	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.12	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.20	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.32	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.43	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.76	
		<i>For >100 To 250, Add</i>	0.39	
		<i>For >250 To 500, Add</i>	0.17	
		<i>For >2,500 To 5,000, Deduct</i>	-0.09	
		<i>For >5,000 To 10,000, Deduct</i>	-0.19	
		<i>For >10,000 To 20,000, Deduct</i>	-0.28	
		<i>For >20,000, Deduct</i>	-0.38	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 96 53 00-0007	SF	1 Coat, 13 To 16 Wet Mils, Sprayed, Elastomeric Paint Applied To Walls And Floors	2.01	
		For Work >15' To 20' Above Floor, Add	0.08	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.13	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.21	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.29	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.62	
		For >100 To 250, Add	0.33	
		For >250 To 500, Add	0.15	
		For >2,500 To 5,000, Deduct	-0.10	
		For >5,000 To 10,000, Deduct	-0.20	
		For >10,000 To 20,000, Deduct	-0.30	
		For >20,000, Deduct	-0.40	
09 96 53 00-0008	SF	1 Coat, 5.3 To 8 Wet Mils, Brush Work, Elastomeric Primer Applied To Ceilings And Overhead	1.12	
		For Work >15' To 20' Above Floor, Add	0.14	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.24	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.38	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.52	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.73	
		For >100 To 250, Add	0.35	
		For >250 To 500, Add	0.15	
		For >2,500 To 5,000, Deduct	-0.06	
		For >5,000 To 10,000, Deduct	-0.11	
		For >10,000 To 20,000, Deduct	-0.17	
		For >20,000, Deduct	-0.22	
09 96 53 00-0009	SF	1 Coat, 5.3 To 8 Wet Mils, Brush/Roller Work, Elastomeric Primer Applied To Ceilings And Overhead	0.95	
		For Work >15' To 20' Above Floor, Add	0.12	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.20	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.32	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.43	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.62	
		For >100 To 250, Add	0.29	
		For >250 To 500, Add	0.13	
		For >2,500 To 5,000, Deduct	-0.05	
		For >5,000 To 10,000, Deduct	-0.10	
		For >10,000 To 20,000, Deduct	-0.14	
		For >20,000, Deduct	-0.19	
09 96 53 00-0010	SF	1 Coat, 5.3 To 8 Wet Mils, Sprayed, Elastomeric Primer Applied To Ceilings And Overhead	0.74	
		For Work >15' To 20' Above Floor, Add	0.08	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.13	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.21	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.29	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.42	
		For >100 To 250, Add	0.20	
		For >250 To 500, Add	0.09	
		For >2,500 To 5,000, Deduct	-0.04	
		For >5,000 To 10,000, Deduct	-0.07	
		For >10,000 To 20,000, Deduct	-0.11	
		For >20,000, Deduct	-0.15	
09 96 53 00-0011	SF	1 Coat, 13 To 16 Wet Mils, Brush Work, Elastomeric Paint Applied To Ceilings And Overhead	2.19	
		For Work >15' To 20' Above Floor, Add	0.17	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.28	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.44	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.61	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.99	
		For >100 To 250, Add	0.49	
		For >250 To 500, Add	0.22	
		For >2,500 To 5,000, Deduct	-0.11	
		For >5,000 To 10,000, Deduct	-0.22	
		For >10,000 To 20,000, Deduct	-0.33	
		For >20,000, Deduct	-0.44	

09 Finishes**09 90 Painting and Coating****09 96 High-Performance Coatings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 96 53 00-0012	SF	1 Coat, 13 To 16 Wet Mills, Brush/Roller Work, Elastomeric Paint Applied To Ceilings And Overhead.....	2.01
		<i>For Work >15' To 20' Above Floor, Add</i>	0.14
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.23
		<i>Note: Applied only to work area above 20'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.37
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	0.51
		<i>Note: Applied only to work area above 40'.</i>	
		<i>For Up To 100, Add</i>	0.85
		<i>For >100 To 250, Add</i>	0.43
		<i>For >250 To 500, Add</i>	0.19
		<i>For >2,500 To 5,000, Deduct</i>	-0.10
		<i>For >5,000 To 10,000, Deduct</i>	-0.20
		<i>For >10,000 To 20,000, Deduct</i>	-0.30
		<i>For >20,000, Deduct</i>	-0.40
09 96 53 00-0013	SF	1 Coat, 13 To 16 Wet Mills, Sprayed, Elastomeric Paint Applied To Ceilings And Overhead.....	2.09
		<i>For Work >15' To 20' Above Floor, Add</i>	0.09
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.15
		<i>Note: Applied only to work area above 20'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.24
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	0.34
		<i>Note: Applied only to work area above 40'.</i>	
		<i>For Up To 100, Add</i>	0.68
		<i>For >100 To 250, Add</i>	0.36
		<i>For >250 To 500, Add</i>	0.17
		<i>For >2,500 To 5,000, Deduct</i>	-0.10
		<i>For >5,000 To 10,000, Deduct</i>	-0.21
		<i>For >10,000 To 20,000, Deduct</i>	-0.31
		<i>For >20,000, Deduct</i>	-0.42

09 96 56 Epoxy Coatings (09 96)

09 96 56 00-0001		High Build Epoxy (09 96 56)	
09 96 56 00-0002	SF	50 Mil, High Build Epoxy	3.58
09 96 56 00-0003		Laminated Epoxy With Fiberglass (09 96 56)	
09 96 56 00-0004	SF	Laminated Epoxy With Fiberglass	6.53

09 96 66 Aggregate Wall Coatings (09 96)

09 96 66 00-0001		Troweled On (09 96 66)	
09 96 66 00-0002	SF	Exposed Aggregate - 1/16" To 1/4" - Troweled On	5.10
09 96 66 00-0003	SF	Exposed Aggregate - 1/2" To 5/8" Troweled On	9.14
09 96 66 00-0004	SF	Exposed Aggregate - 1" Troweled On	13.68
09 96 66 00-0005		Sprayed On (09 96 66)	
09 96 66 00-0006	SF	Exposed Aggregate - 1/8" - Sprayed On	4.16

09 97 Special Coatings (09 90)**09 97 13 Steel Coatings (09 97)****09 97 13 23 Exterior Steel Coatings (09 97 13)**

Note: Steel Structure Painting Council, SSPC; Surface Preparation, SP.

09 97 13 23-0001		Surface Preparation For Structural Steel (09 97 13 23)	
		<i>Note: Type 1 structural steel - up to 2 SF per LF, Type 2 structural steel - over 2 SF to 5 SF per LF, Type 3 structural steel - over 5 SF per LF, and piping - under 14" diameter.</i>	
09 97 13 23-0002		SSPC SP7 Brush Off Blast Cleaning Surface Preparation For Structural Steel (09 97 13 23-0001)	
		<i>Note: A Brush-Off Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, loose mill scale, loose rust and loose paint. Tightly adherent mill scale, rust and paint may remain on the surface. Mill scale, rust and coating are considered adherent if they cannot be removed by lifting with a dull putty knife after abrasive blast cleaning has been performed. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP11</i>	
09 97 13 23-0003	SF	Type 1 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation.....	1.08
		<i>For Up To 100, Add</i>	0.76
		<i>For >100 To 250, Add</i>	0.36
		<i>For >250 To 500, Add</i>	0.15
09 97 13 23-0004	SF	Type 2 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation.....	0.96
		<i>For Up To 100, Add</i>	0.67
		<i>For >100 To 250, Add</i>	0.32
		<i>For >250 To 500, Add</i>	0.14
09 97 13 23-0005	SF	Type 3 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation.....	0.95
		<i>For Up To 100, Add</i>	0.67
		<i>For >100 To 250, Add</i>	0.32
		<i>For >250 To 500, Add</i>	0.14

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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	09 97 13 23-0006	SF		Up To 14" Diameter Pipe SP7 Brush Off Blast Cleaning Surface Preparation	1.36	
				For Up To 100, Add	0.97	
				For >100 To 250, Add	0.45	
				For >250 To 500, Add	0.20	
	09 97 13 23-0007			SSPC SP6 Commercial Blast Cleaning Surface Preparation For Structural Steel <small>(09 97 13 23-0001)</small>		
				Note: A Commercial Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products and other foreign matter, except for staining. Staining shall be limited to no more than 33% of each square inch of surface area and may consist of light shadows, slight streaks or minor discoloration caused by stains of rust, stains of mill scale or stains of previously applied paint. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP6/NACE 3 or ISO 8501-1 Sa 2.		
	09 97 13 23-0008	SF		Type 1 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation.....	2.80	
				For Up To 100, Add	2.01	
				For >100 To 250, Add	0.94	
				For >250 To 500, Add	0.41	
	09 97 13 23-0009	SF		Type 2 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation.....	2.43	
				For Up To 100, Add	1.74	
				For >100 To 250, Add	0.82	
				For >250 To 500, Add	0.35	
	09 97 13 23-0010	SF		Type 3 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation.....	2.26	
				For Up To 100, Add	1.61	
				For >100 To 250, Add	0.76	
				For >250 To 500, Add	0.33	
	09 97 13 23-0011	SF		Up To 14" Diameter Pipe SP6 Commercial Blast Cleaning Surface Preparation	3.52	
				For Up To 100, Add	2.55	
				For >100 To 250, Add	1.19	
				For >250 To 500, Add	0.51	
	09 97 13 23-0012			SSPC SP5 White Metal Blast Cleaning Surface Preparation For Structural Steel <small>(09 97 13 23-0001)</small>		
				Note: A White Metal Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products and other foreign matter. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP5/NACE 1 or ISO 8501-1 Sa 3.		
	09 97 13 23-0013	SF		Type 1 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation.....	5.46	
				For Up To 100, Add	3.94	
				For >100 To 250, Add	1.85	
				For >250 To 500, Add	0.79	
	09 97 13 23-0014	SF		Type 2 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation.....	4.66	
				For Up To 100, Add	3.35	
				For >100 To 250, Add	1.57	
				For >250 To 500, Add	0.68	
	09 97 13 23-0015	SF		Type 3 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation.....	4.28	
				For Up To 100, Add	3.07	
				For >100 To 250, Add	1.44	
				For >250 To 500, Add	0.62	
	09 97 13 23-0016	SF		Up To 14" Diameter Pipe SP5 White Metal Blast Cleaning Surface Preparation.....	6.62	
				For Up To 100, Add	4.61	
				For >100 To 250, Add	2.25	
				For >250 To 500, Add	0.97	
	09 97 13 23-0017			SSPC SP10 Near White Metal Blast Cleaning Surface Preparation For Structural Steel <small>(09 97 13 23-0001)</small>		
				Note: A Near-White Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products and other foreign matter, except for staining. Staining shall be limited to no more than 5 percent of each square inch of surface area and may consist of light shadows, slight streaks or minor discoloration caused by stains of rust, stains of mill scale or stains of previously applied paint. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP10/NACE 2 or ISO 8501-1 Sa 2.5.		
	09 97 13 23-0018	SF		Type 1 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation	4.05	
				For Up To 100, Add	2.91	
				For >100 To 250, Add	1.37	
				For >250 To 500, Add	0.59	
	09 97 13 23-0019	SF		Type 2 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation	3.47	
				For Up To 100, Add	2.49	
				For >100 To 250, Add	1.17	
				For >250 To 500, Add	0.50	
	09 97 13 23-0020	SF		Type 3 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation	3.27	
				For Up To 100, Add	2.34	
				For >100 To 250, Add	1.10	
				For >250 To 500, Add	0.47	
	09 97 13 23-0021	SF		Up To 14" Diameter Pipe SP10 Near White Metal Blast Cleaning Surface Preparation.....	4.81	
				For Up To 100, Add	3.49	
				For >100 To 250, Add	1.64	
				For >250 To 500, Add	0.70	
	09 97 13 23-0022			Protective Coatings For Tanks And Structural Steel <small>(09 97 13 23)</small>		
				Note: Type 1 structural steel - up to 2 SF per LF, Type 2 structural steel - over 2 SF to 5 SF per LF, Type 3 structural steel - over 5 SF per LF, and piping - under 14" diameter.		

09 Finishes

09 90 Painting and Coating

09 97 Special Coatings

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 97 13 23-0023		1.5 Mil Prime Coat For Structural Steel (09 97 13 23-0022)	
09 97 13 23-0024	SF	Spray Type 1 Structural Steel 1.5 Mil Prime Coat.....	1.16
		For Up To 100, Add	0.76
		For >100 To 250, Add	0.36
		For >250 To 500, Add	0.16
09 97 13 23-0025	SF	Spray Type 2 Structural Steel 1.5 Mil Prime Coat.....	0.86
		For Up To 100, Add	0.55
		For >100 To 250, Add	0.26
		For >250 To 500, Add	0.11
09 97 13 23-0026	SF	Spray Type 3 Structural Steel 1.5 Mil Prime Coat.....	0.78
		For Up To 100, Add	0.49
		For >100 To 250, Add	0.23
		For >250 To 500, Add	0.10
09 97 13 23-0027	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime Coat	1.38
		For Up To 100, Add	0.93
		For >100 To 250, Add	0.44
		For >250 To 500, Add	0.19
09 97 13 23-0028	SF	Brush Type 1 Structural Steel 1.5 Mil Prime Coat.....	1.63
		For Up To 100, Add	1.11
		For >100 To 250, Add	0.52
		For >250 To 500, Add	0.23
09 97 13 23-0029	SF	Brush Type 2 Structural Steel 1.5 Mil Prime Coat.....	1.21
		For Up To 100, Add	0.81
		For >100 To 250, Add	0.38
		For >250 To 500, Add	0.17
09 97 13 23-0030	SF	Brush Type 3 Structural Steel 1.5 Mil Prime Coat.....	1.08
		For Up To 100, Add	0.71
		For >100 To 250, Add	0.34
		For >250 To 500, Add	0.15
09 97 13 23-0031	SF	Brush Up To 14" Diameter Pipe 1.5 Mil Prime Coat	1.96
		For Up To 100, Add	1.36
		For >100 To 250, Add	0.64
		For >250 To 500, Add	0.28
09 97 13 23-0032		1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats For Structural Steel (09 97 13 23-0022)	
09 97 13 23-0033	SF	Spray Type 1 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	3.42
		For Up To 100, Add	2.21
		For >100 To 250, Add	1.05
		For >250 To 500, Add	0.45
09 97 13 23-0034	SF	Spray Type 2 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.48
		For Up To 100, Add	1.54
		For >100 To 250, Add	0.73
		For >250 To 500, Add	0.32
09 97 13 23-0035	SF	Spray Type 3 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.31
		For Up To 100, Add	1.41
		For >100 To 250, Add	0.67
		For >250 To 500, Add	0.29
09 97 13 23-0036	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	4.15
		For Up To 100, Add	2.74
		For >100 To 250, Add	1.30
		For >250 To 500, Add	0.56
09 97 13 23-0037	SF	Spray Type 1 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	2.57
		For Up To 100, Add	1.66
		For >100 To 250, Add	0.79
		For >250 To 500, Add	0.34
09 97 13 23-0038	SF	Spray Type 2 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.87
		For Up To 100, Add	1.16
		For >100 To 250, Add	0.55
		For >250 To 500, Add	0.24
09 97 13 23-0039	SF	Spray Type 3 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.73
		For Up To 100, Add	1.05
		For >100 To 250, Add	0.50
		For >250 To 500, Add	0.22
09 97 13 23-0040	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	3.12
		For Up To 100, Add	2.06
		For >100 To 250, Add	0.98
		For >250 To 500, Add	0.42
09 97 13 23-0041	SF	Brush Type 1 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	5.19
		For Up To 100, Add	3.54
		For >100 To 250, Add	1.67
		For >250 To 500, Add	0.72
09 97 13 23-0042	SF	Brush Type 2 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	3.70
		For Up To 100, Add	2.45
		For >100 To 250, Add	1.16
		For >250 To 500, Add	0.50
09 97 13 23-0043	SF	Brush Type 3 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	3.42
		For Up To 100, Add	2.24
		For >100 To 250, Add	1.06
		For >250 To 500, Add	0.46
09 97 13 23-0044	SF	Brush Up To 14" Diameter Pipe 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	6.36
		For Up To 100, Add	4.40
		For >100 To 250, Add	2.07
		For >250 To 500, Add	0.89
09 97 13 23-0045	SF	Brush Type 1 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	3.90
		For Up To 100, Add	2.66
		For >100 To 250, Add	1.25
		For >250 To 500, Add	0.54

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 97 13 23-0046	SF			Brush Type 2 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	2.78	
				<i>For Up To 100, Add</i>	1.84	
				<i>For >100 To 250, Add</i>	0.87	
				<i>For >250 To 500, Add</i>	0.38	
09 97 13 23-0047	SF			Brush Type 3 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	2.56	
				<i>For Up To 100, Add</i>	1.67	
				<i>For >100 To 250, Add</i>	0.79	
				<i>For >250 To 500, Add</i>	0.34	
09 97 13 23-0048	SF			Brush Up To 14" Diameter Pipe 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	4.76	
				<i>For Up To 100, Add</i>	3.29	
				<i>For >100 To 250, Add</i>	1.55	
				<i>For >250 To 500, Add</i>	0.67	
09 97 13 23-0049 Touch-Up And Two 1.5 Mil Alkyd Finish Coats For Structural Steel (09 97 13 23-0022)						
09 97 13 23-0050	SF			Spray Type 1 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	2.64	
				<i>For Up To 100, Add</i>	1.72	
				<i>For >100 To 250, Add</i>	0.82	
				<i>For >250 To 500, Add</i>	0.35	
09 97 13 23-0051	SF			Spray Type 2 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	2.16	
				<i>For Up To 100, Add</i>	1.39	
				<i>For >100 To 250, Add</i>	0.66	
				<i>For >250 To 500, Add</i>	0.29	
09 97 13 23-0052	SF			Spray Type 3 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	1.98	
				<i>For Up To 100, Add</i>	1.25	
				<i>For >100 To 250, Add</i>	0.60	
				<i>For >250 To 500, Add</i>	0.26	
09 97 13 23-0053	SF			Spray Up To 14" Diameter Pipe Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	3.28	
				<i>For Up To 100, Add</i>	2.19	
				<i>For >100 To 250, Add</i>	1.04	
				<i>For >250 To 500, Add</i>	0.45	
09 97 13 23-0054	SF			Spray Type 1 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	1.70	
				<i>For Up To 100, Add</i>	1.11	
				<i>For >100 To 250, Add</i>	0.53	
				<i>For >250 To 500, Add</i>	0.23	
09 97 13 23-0055	SF			Spray Type 2 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	1.39	
				<i>For Up To 100, Add</i>	0.89	
				<i>For >100 To 250, Add</i>	0.42	
				<i>For >250 To 500, Add</i>	0.18	
09 97 13 23-0056	SF			Spray Type 3 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	1.27	
				<i>For Up To 100, Add</i>	0.80	
				<i>For >100 To 250, Add</i>	0.38	
				<i>For >250 To 500, Add</i>	0.17	
09 97 13 23-0057	SF			Spray Up To 14" Diameter Pipe Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	2.09	
				<i>For Up To 100, Add</i>	1.40	
				<i>For >100 To 250, Add</i>	0.66	
				<i>For >250 To 500, Add</i>	0.29	
09 97 13 23-0058	SF			Brush Type 1 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	3.71	
				<i>For Up To 100, Add</i>	2.52	
				<i>For >100 To 250, Add</i>	1.19	
				<i>For >250 To 500, Add</i>	0.51	
09 97 13 23-0059	SF			Brush Type 2 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	3.01	
				<i>For Up To 100, Add</i>	2.02	
				<i>For >100 To 250, Add</i>	0.96	
				<i>For >250 To 500, Add</i>	0.41	
09 97 13 23-0060	SF			Brush Type 3 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	2.74	
				<i>For Up To 100, Add</i>	1.82	
				<i>For >100 To 250, Add</i>	0.86	
				<i>For >250 To 500, Add</i>	0.37	
09 97 13 23-0061	SF			Brush Up To 14" Diameter Pipe Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	4.64	
				<i>For Up To 100, Add</i>	3.21	
				<i>For >100 To 250, Add</i>	1.51	
				<i>For >250 To 500, Add</i>	0.65	
09 97 13 23-0062	SF			Brush Type 1 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	2.37	
				<i>For Up To 100, Add</i>	1.61	
				<i>For >100 To 250, Add</i>	0.76	
				<i>For >250 To 500, Add</i>	0.33	
09 97 13 23-0063	SF			Brush Type 2 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	1.93	
				<i>For Up To 100, Add</i>	1.30	
				<i>For >100 To 250, Add</i>	0.61	
				<i>For >250 To 500, Add</i>	0.26	
09 97 13 23-0064	SF			Brush Type 3 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	1.76	
				<i>For Up To 100, Add</i>	1.17	
				<i>For >100 To 250, Add</i>	0.55	
				<i>For >250 To 500, Add</i>	0.24	
09 97 13 23-0065	SF			Brush Up To 14" Diameter Pipe Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	2.97	
				<i>For Up To 100, Add</i>	2.06	
				<i>For >100 To 250, Add</i>	0.97	
				<i>For >250 To 500, Add</i>	0.42	
09 97 13 23-0066 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats For Structural Steel (09 97 13 23-0022)						
09 97 13 23-0067	SF			Spray Type 1 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats.....	4.38	
				<i>For Up To 100, Add</i>	2.57	
				<i>For >100 To 250, Add</i>	1.23	
				<i>For >250 To 500, Add</i>	0.54	

09 Finishes
09 90 Painting and Coating
09 97 Special Coatings



MINOR	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 97 13 23-0068	SF	Spray Type 2 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	3.21	
		<i>For Up To 100, Add</i>	1.75	
		<i>For >100 To 250, Add</i>	0.85	
		<i>For >250 To 500, Add</i>	0.37	
09 97 13 23-0069	SF	Spray Type 3 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	2.86	
		<i>For Up To 100, Add</i>	1.49	
		<i>For >100 To 250, Add</i>	0.73	
		<i>For >250 To 500, Add</i>	0.32	
09 97 13 23-0070	SF	Spray Up To 14" Diameter Pipe 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	4.95	
		<i>For Up To 100, Add</i>	2.97	
		<i>For >100 To 250, Add</i>	1.42	
		<i>For >250 To 500, Add</i>	0.62	
09 97 13 23-0071	SF	Spray Type 1 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	3.07	
		<i>For Up To 100, Add</i>	1.80	
		<i>For >100 To 250, Add</i>	0.86	
		<i>For >250 To 500, Add</i>	0.38	
09 97 13 23-0072	SF	Spray Type 2 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	2.25	
		<i>For Up To 100, Add</i>	1.23	
		<i>For >100 To 250, Add</i>	0.60	
		<i>For >250 To 500, Add</i>	0.26	
09 97 13 23-0073	SF	Spray Type 3 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	2.00	
		<i>For Up To 100, Add</i>	1.04	
		<i>For >100 To 250, Add</i>	0.51	
		<i>For >250 To 500, Add</i>	0.22	
09 97 13 23-0074	SF	Spray Up To 14" Diameter Pipe Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	3.47	
		<i>For Up To 100, Add</i>	2.08	
		<i>For >100 To 250, Add</i>	1.00	
		<i>For >250 To 500, Add</i>	0.43	

09 97 13 23-0075 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats For Structural Steel (09 97 13 23-0022)

09 97 13 23-0076	SF	Spray Type 1 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats.....	4.72	
		<i>For Up To 100, Add</i>	2.62	
		<i>For >100 To 250, Add</i>	1.27	
		<i>For >250 To 500, Add</i>	0.55	
09 97 13 23-0077	SF	Spray Type 2 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats.....	3.52	
		<i>For Up To 100, Add</i>	1.80	
		<i>For >100 To 250, Add</i>	0.88	
		<i>For >250 To 500, Add</i>	0.39	
09 97 13 23-0078	SF	Spray Type 3 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats.....	3.17	
		<i>For Up To 100, Add</i>	1.54	
		<i>For >100 To 250, Add</i>	0.76	
		<i>For >250 To 500, Add</i>	0.34	
09 97 13 23-0079	SF	Spray Up To 14" Diameter Pipe 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	5.30	
		<i>For Up To 100, Add</i>	3.02	
		<i>For >100 To 250, Add</i>	1.46	
		<i>For >250 To 500, Add</i>	0.64	
09 97 13 23-0080	SF	Spray Type 1 Structural Steel Two 6 Mil High Build Epoxy Finish Coats.....	3.87	
		<i>For Up To 100, Add</i>	2.15	
		<i>For >100 To 250, Add</i>	1.04	
		<i>For >250 To 500, Add</i>	0.45	
09 97 13 23-0081	SF	Spray Type 2 Structural Steel Two 6 Mil High Build Epoxy Finish Coats.....	2.89	
		<i>For Up To 100, Add</i>	1.48	
		<i>For >100 To 250, Add</i>	0.72	
		<i>For >250 To 500, Add</i>	0.32	
09 97 13 23-0082	SF	Spray Type 3 Structural Steel Two 6 Mil High Build Epoxy Finish Coats.....	2.60	
		<i>For Up To 100, Add</i>	1.26	
		<i>For >100 To 250, Add</i>	0.62	
		<i>For >250 To 500, Add</i>	0.28	
09 97 13 23-0083	SF	Spray Up To 14" Diameter Pipe Two 6 Mil High Build Epoxy Finish Coats	4.36	
		<i>For Up To 100, Add</i>	2.48	
		<i>For >100 To 250, Add</i>	1.20	
		<i>For >250 To 500, Add</i>	0.52	

09 97 13 23-0084 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats For Structural Steel (09 97 13 23-0022)

09 97 13 23-0085	SF	Spray Type 1 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats.....	9.85	
		<i>For Up To 100, Add</i>	5.61	
		<i>For >100 To 250, Add</i>	2.71	
		<i>For >250 To 500, Add</i>	1.18	
09 97 13 23-0086	SF	Spray Type 2 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats.....	7.52	
		<i>For Up To 100, Add</i>	4.05	
		<i>For >100 To 250, Add</i>	1.97	
		<i>For >250 To 500, Add</i>	0.86	
09 97 13 23-0087	SF	Spray Type 3 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats.....	7.25	
		<i>For Up To 100, Add</i>	3.85	
		<i>For >100 To 250, Add</i>	1.88	
		<i>For >250 To 500, Add</i>	0.82	
09 97 13 23-0088	SF	Spray Up To 14" Diameter Pipe 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	11.42	
		<i>For Up To 100, Add</i>	6.75	
		<i>For >100 To 250, Add</i>	3.24	
		<i>For >250 To 500, Add</i>	1.41	

09 97 13 23-0089 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats For Structural Steel (09 97 13 23-0022)

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 97 13 23-0090	SF			Spray Type 1 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats.....	5.24	
				For Up To 100, Add	2.75	
				For >100 To 250, Add	1.34	
				For >250 To 500, Add	0.59	
09 97 13 23-0091	SF			Spray Type 2 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats.....	4.15	
				For Up To 100, Add	1.95	
				For >100 To 250, Add	0.97	
				For >250 To 500, Add	0.43	
09 97 13 23-0092	SF			Spray Type 3 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats.....	3.98	
				For Up To 100, Add	1.82	
				For >100 To 250, Add	0.91	
				For >250 To 500, Add	0.40	
09 97 13 23-0093	SF			Spray Up To 14" Diameter Pipe 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	5.91	
				For Up To 100, Add	3.22	
				For >100 To 250, Add	1.56	
				For >250 To 500, Add	0.68	
09 97 13 23-0094	SF			Spray Type 1 Structural Steel Two 4 Mil High Build Vinyl Finish Coats.....	4.12	
				For Up To 100, Add	2.17	
				For >100 To 250, Add	1.06	
				For >250 To 500, Add	0.46	
09 97 13 23-0095	SF			Spray Type 2 Structural Steel Two 4 Mil High Build Vinyl Finish Coats	3.28	
				For Up To 100, Add	1.54	
				For >100 To 250, Add	0.77	
				For >250 To 500, Add	0.34	
09 97 13 23-0096	SF			Spray Type 3 Structural Steel Two 4 Mil High Build Vinyl Finish Coats.....	3.13	
				For Up To 100, Add	1.43	
				For >100 To 250, Add	0.71	
				For >250 To 500, Add	0.32	
09 97 13 23-0097	SF			Spray Up To 14" Diameter Pipe Two 4 Mil High Build Vinyl Finish Coats.....	4.67	
				For Up To 100, Add	2.54	
				For >100 To 250, Add	1.23	
				For >250 To 500, Add	0.54	
09 97 13 23-0098				Two 8 Mil Coal Tar Epoxy Coats For Structural Steel (09 97 13 23-0022)		
09 97 13 23-0099	SF			Spray Type 1 Structural Steel Two 8 Mil Coal Tar Epoxy Coats.....	4.39	
				For Up To 100, Add	2.63	
				For >100 To 250, Add	1.26	
				For >250 To 500, Add	0.55	
09 97 13 23-0100	SF			Spray Type 2 Structural Steel Two 8 Mil Coal Tar Epoxy Coats.....	3.57	
				For Up To 100, Add	2.07	
				For >100 To 250, Add	1.00	
				For >250 To 500, Add	0.43	
09 97 13 23-0101	SF			Spray Type 3 Structural Steel Two 8 Mil Coal Tar Epoxy Coats.....	3.30	
				For Up To 100, Add	1.87	
				For >100 To 250, Add	0.90	
				For >250 To 500, Add	0.39	
09 97 13 23-0102	SF			Spray Up To 14" Diameter Pipe Two 8 Mil Coal Tar Epoxy Coats	5.40	
				For Up To 100, Add	3.36	
				For >100 To 250, Add	1.60	
				For >250 To 500, Add	0.70	
09 97 13 23-0103				One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat For Structural Steel (09 97 13 23-0022)		
09 97 13 23-0104	SF			Spray Type 1 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	4.20	
				For Up To 100, Add	2.65	
				For >100 To 250, Add	1.26	
				For >250 To 500, Add	0.55	
09 97 13 23-0105	SF			Spray Type 2 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	3.00	
				For Up To 100, Add	1.78	
				For >100 To 250, Add	0.85	
				For >250 To 500, Add	0.37	
09 97 13 23-0106	SF			Spray Type 3 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	2.56	
				For Up To 100, Add	1.45	
				For >100 To 250, Add	0.70	
				For >250 To 500, Add	0.31	
09 97 13 23-0107	SF			Spray Up To 14" Diameter Pipe One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	4.79	
				For Up To 100, Add	3.05	
				For >100 To 250, Add	1.45	
				For >250 To 500, Add	0.63	
09 97 13 23-0108				One 3 Mil High Zinc Silicate Coat For Structural Steel (09 97 13 23-0022)		
09 97 13 23-0109	SF			Spray Type 1 Structural Steel One 3 Mil High Zinc Silicate Coat	2.30	
				For Up To 100, Add	1.20	
				For >100 To 250, Add	0.59	
				For >250 To 500, Add	0.26	
09 97 13 23-0110	SF			Spray Type 2 Structural Steel One 3 Mil High Zinc Silicate Coat	1.69	
				For Up To 100, Add	0.79	
				For >100 To 250, Add	0.39	
				For >250 To 500, Add	0.17	

09 Finishes**09 90 Painting and Coating****09 97 Special Coatings**
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09 97 13 23-0111	SF	Spray Type 3 Structural Steel One 3 Mil High Zinc Silicate Coat.....	1.60	
		<i>For Up To 100, Add</i>	0.72	
		<i>For >100 To 250, Add</i>	0.36	
		<i>For >250 To 500, Add</i>	0.16	
09 97 13 23-0112	SF	Spray Up To 14" Diameter Pipe One 3 Mil High Zinc Silicate Coat.....	2.41	
		<i>For Up To 100, Add</i>	1.26	
		<i>For >100 To 250, Add</i>	0.62	
		<i>For >250 To 500, Add</i>	0.27	
09 97 13 23-0113		Two 1.5 Mil Vinyl Enamel Finish Coats For Structural Steel <small>(09 97 13 23-0022)</small>		
		Note: Installed over existing primer.		
09 97 13 23-0114	SF	Spray Type 1 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats.....	3.50	
		<i>For Up To 100, Add</i>	2.01	
		<i>For >100 To 250, Add</i>	0.97	
		<i>For >250 To 500, Add</i>	0.42	
09 97 13 23-0115	SF	Spray Type 2 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats.....	2.87	
		<i>For Up To 100, Add</i>	1.59	
		<i>For >100 To 250, Add</i>	0.77	
		<i>For >250 To 500, Add</i>	0.34	
09 97 13 23-0116	SF	Spray Type 3 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats.....	2.52	
		<i>For Up To 100, Add</i>	1.33	
		<i>For >100 To 250, Add</i>	0.65	
		<i>For >250 To 500, Add</i>	0.29	
09 97 13 23-0117	SF	Spray Up To 14" Diameter Pipe Two 1.5 Mil Vinyl Enamel Finish Coats.....	4.06	
		<i>For Up To 100, Add</i>	2.42	
		<i>For >100 To 250, Add</i>	1.16	
		<i>For >250 To 500, Add</i>	0.50	
09 97 13 24		Steel Water Storage Tank Painting <small>(09 97 13)</small>		
09 97 13 24-0001		Surface Preparation For Tanks <small>(09 97 13 24)</small>		
		Note: Small pressure vessels and tanks - up to 12' diameter, large pressure vessels and tanks - over 12' diameter, tank interiors - over 6' diameter.		
09 97 13 24-0002		SSPC SP2 Or 3 Hand Or Power Tool Cleaning Surface Preparation For Tanks <small>(09 97 13 24-0001)</small>		
09 97 13 24-0003	SF	Small Vessel/Tank SP2/3 Hand Or Power Tool Cleaning Surface Preparation.....	1.67	
		<i>For Up To 100, Add</i>	1.25	
		<i>For >100 To 250, Add</i>	0.58	
		<i>For >250 To 500, Add</i>	0.25	
09 97 13 24-0004	SF	Large Vessel/Tank SP2/3 Hand Or Power Tool Cleaning Surface Preparation.....	1.48	
		<i>For Up To 100, Add</i>	1.11	
		<i>For >100 To 250, Add</i>	0.52	
		<i>For >250 To 500, Add</i>	0.22	
09 97 13 24-0005	SF	Vessel/Tank Interior SP2/3 Hand Or Power Tool Cleaning Surface Preparation.....	2.10	
		<i>For Up To 100, Add</i>	1.58	
		<i>For >100 To 250, Add</i>	0.74	
		<i>For >250 To 500, Add</i>	0.32	
09 97 13 24-0006		SSPC SP7 Brush Off Blast Cleaning Surface Preparation For Tanks <small>(09 97 13 24-0001)</small>		
09 97 13 24-0007	SF	Small Vessel/Tank SP7 Brush Off Blast Cleaning Surface Preparation.....	0.92	
		<i>For Up To 100, Add</i>	0.65	
		<i>For >100 To 250, Add</i>	0.30	
		<i>For >250 To 500, Add</i>	0.13	
09 97 13 24-0008	SF	Large Vessel/Tank SP7 Brush Off Blast Cleaning Surface Preparation.....	0.74	
		<i>For Up To 100, Add</i>	0.53	
		<i>For >100 To 250, Add</i>	0.25	
		<i>For >250 To 500, Add</i>	0.11	
09 97 13 24-0009	SF	Vessel/Tank Interior SP7 Brush Off Blast Cleaning Surface Preparation.....	1.30	
		<i>For Up To 100, Add</i>	0.95	
		<i>For >100 To 250, Add</i>	0.44	
		<i>For >250 To 500, Add</i>	0.19	
09 97 13 24-0010		SSPC SP6 Commercial Blast Cleaning Surface Preparation For Tanks <small>(09 97 13 24-0001)</small>		
09 97 13 24-0011	SF	Small Vessel/Tank SP6 Commercial Blast Cleaning Surface Preparation.....	2.26	
		<i>For Up To 100, Add</i>	1.61	
		<i>For >100 To 250, Add</i>	0.76	
		<i>For >250 To 500, Add</i>	0.33	
09 97 13 24-0012	SF	Large Vessel/Tank SP6 Commercial Blast Cleaning Surface Preparation.....	2.06	
		<i>For Up To 100, Add</i>	1.46	
		<i>For >100 To 250, Add</i>	0.69	
		<i>For >250 To 500, Add</i>	0.30	
09 97 13 24-0013	SF	Vessel/Tank Interior SP6 Commercial Blast Cleaning Surface Preparation.....	3.02	
		<i>For Up To 100, Add</i>	2.18	
		<i>For >100 To 250, Add</i>	1.02	
		<i>For >250 To 500, Add</i>	0.44	
09 97 13 24-0014		SSPC SP5 White Metal Blast Cleaning Surface Preparation For Tanks <small>(09 97 13 24-0001)</small>		
09 97 13 24-0015	SF	Small Vessel/Tank SP5 White Metal Blast Cleaning Surface Preparation.....	4.08	
		<i>For Up To 100, Add</i>	2.92	
		<i>For >100 To 250, Add</i>	1.37	
		<i>For >250 To 500, Add</i>	0.59	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 97 13 24-0016	SF	Large Vessel/Tank SP5 White Metal Blast Cleaning Surface Preparation	3.90		
		For Up To 100, Add	2.78		
		For >100 To 250, Add	1.31		
		For >250 To 500, Add	0.56		
09 97 13 24-0017	SF	Vessel/Tank Interior SP5 White Metal Blast Cleaning Surface Preparation	5.73		
		For Up To 100, Add	4.15		
		For >100 To 250, Add	1.95		
		For >250 To 500, Add	0.84		
09 97 13 24-0018		SSPC SP10 Near White Metal Blast Cleaning Surface Preparation For Tanks <small>(09 97 13 24-0001)</small>			
09 97 13 24-0019	SF	Small Vessel/Tank SP10 Near White Metal Blast Cleaning Surface Preparation	3.26		
		For Up To 100, Add	2.34		
		For >100 To 250, Add	1.10		
		For >250 To 500, Add	0.47		
09 97 13 24-0020	SF	Large Vessel/Tank SP10 Near White Metal Blast Cleaning Surface Preparation	3.26		
		For Up To 100, Add	2.34		
		For >100 To 250, Add	1.10		
		For >250 To 500, Add	0.47		
09 97 13 24-0021	SF	Vessel/Tank Interior SP10 Near White Metal Blast Cleaning Surface Preparation	4.80		
		For Up To 100, Add	3.49		
		For >100 To 250, Add	1.64		
		For >250 To 500, Add	0.70		
09 97 13 24-0022		Protective Coatings For Tanks <small>(09 97 13 24)</small>			
		Note: Small pressure vessels and tanks - up to 12' diameter, large pressure vessels and tanks - over 12' diameter, tank interiors - over 6' diameter.			
09 97 13 24-0023		1.5 Mil Prime Coat For Tanks <small>(09 97 13 24-0022)</small>			
09 97 13 24-0024	SF	Spray Small Vessel/Tank 1.5 Mil Prime Coat	0.68		
		For Up To 100, Add	0.42		
		For >100 To 250, Add	0.20		
		For >250 To 500, Add	0.09		
09 97 13 24-0025	SF	Spray Large Vessel/Tank 1.5 Mil Prime Coat	0.55		
		For Up To 100, Add	0.32		
		For >100 To 250, Add	0.16		
		For >250 To 500, Add	0.07		
09 97 13 24-0026	SF	Spray Tank Interior 1.5 Mil Prime Coat	1.30		
		For Up To 100, Add	0.89		
		For >100 To 250, Add	0.42		
		For >250 To 500, Add	0.18		
09 97 13 24-0027	SF	Brush Small Vessel/Tank 1.5 Mil Prime Coat	0.93		
		For Up To 100, Add	0.61		
		For >100 To 250, Add	0.29		
		For >250 To 500, Add	0.12		
09 97 13 24-0028	SF	Brush Large Vessel/Tank 1.5 Mil Prime Coat	0.75		
		For Up To 100, Add	0.47		
		For >100 To 250, Add	0.23		
		For >250 To 500, Add	0.10		
09 97 13 24-0029	SF	Brush Tank Interior 1.5 Mil Prime Coat	1.85		
		For Up To 100, Add	1.30		
		For >100 To 250, Add	0.61		
		For >250 To 500, Add	0.26		
09 97 13 24-0030		1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats For Tanks <small>(09 97 13 24-0022)</small>			
09 97 13 24-0031	SF	Spray Small Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.02		
		For Up To 100, Add	1.20		
		For >100 To 250, Add	0.58		
		For >250 To 500, Add	0.25		
09 97 13 24-0032	SF	Spray Large Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	1.58		
		For Up To 100, Add	0.87		
		For >100 To 250, Add	0.42		
		For >250 To 500, Add	0.19		
09 97 13 24-0033	SF	Spray Tank Interior 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	3.70		
		For Up To 100, Add	2.46		
		For >100 To 250, Add	1.17		
		For >250 To 500, Add	0.50		
09 97 13 24-0034	SF	Spray Small Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.52		
		For Up To 100, Add	0.91		
		For >100 To 250, Add	0.43		
		For >250 To 500, Add	0.19		
09 97 13 24-0035	SF	Spray Large Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.19		
		For Up To 100, Add	0.66		
		For >100 To 250, Add	0.32		
		For >250 To 500, Add	0.14		
09 97 13 24-0036	SF	Spray Tank Interior 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	2.78		
		For Up To 100, Add	1.85		
		For >100 To 250, Add	0.88		
		For >250 To 500, Add	0.38		
09 97 13 24-0037	SF	Brush Small Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.96		
		For Up To 100, Add	1.91		
		For >100 To 250, Add	0.91		
		For >250 To 500, Add	0.39		
09 97 13 24-0038	SF	Brush Large Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.24		
		For Up To 100, Add	1.37		
		For >100 To 250, Add	0.65		
		For >250 To 500, Add	0.28		

09 Finishes
09 90 Painting and Coating
09 97 Special Coatings



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0039	SF		Brush Tank Interior 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	5.69	
			For Up To 100, Add	3.96	
			For >100 To 250, Add	1.86	
			For >250 To 500, Add	0.80	
09 97 13 24-0040	SF		Brush Small Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	2.22	
			For Up To 100, Add	1.43	
			For >100 To 250, Add	0.68	
			For >250 To 500, Add	0.29	
09 97 13 24-0041	SF		Brush Large Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	1.68	
			For Up To 100, Add	1.03	
			For >100 To 250, Add	0.49	
			For >250 To 500, Add	0.21	
09 97 13 24-0042	SF		Brush Tank Interior 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	4.26	
			For Up To 100, Add	2.96	
			For >100 To 250, Add	1.39	
			For >250 To 500, Add	0.60	
09 97 13 24-0043 Touch-Up And Two 1.5 Mil Alkyd Finish Coats For Tanks (09 97 13 24-0022)					
09 97 13 24-0044	SF		Spray Small Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	1.80	
			For Up To 100, Add	1.12	
			For >100 To 250, Add	0.54	
			For >250 To 500, Add	0.23	
09 97 13 24-0045	SF		Spray Large Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	1.53	
			For Up To 100, Add	0.92	
			For >100 To 250, Add	0.44	
			For >250 To 500, Add	0.19	
09 97 13 24-0046	SF		Spray Tank Interior Touch-Up And Two 1.5 Mil Alkyd Finish Coats	3.83	
			For Up To 100, Add	2.64	
			For >100 To 250, Add	1.25	
			For >250 To 500, Add	0.54	
09 97 13 24-0047	SF		Spray Small Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	1.15	
			For Up To 100, Add	0.72	
			For >100 To 250, Add	0.34	
			For >250 To 500, Add	0.15	
09 97 13 24-0048	SF		Spray Large Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	0.97	
			For Up To 100, Add	0.58	
			For >100 To 250, Add	0.28	
			For >250 To 500, Add	0.12	
09 97 13 24-0049	SF		Spray Tank Interior Touch-Up And One 1.5 Mil Alkyd Finish Coats	2.45	
			For Up To 100, Add	1.69	
			For >100 To 250, Add	0.80	
			For >250 To 500, Add	0.34	
09 97 13 24-0050	SF		Brush Small Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	2.47	
			For Up To 100, Add	1.62	
			For >100 To 250, Add	0.77	
			For >250 To 500, Add	0.33	
09 97 13 24-0051	SF		Brush Large Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	2.08	
			For Up To 100, Add	1.33	
			For >100 To 250, Add	0.63	
			For >250 To 500, Add	0.27	
09 97 13 24-0052	SF		Brush Tank Interior Touch-Up And Two 1.5 Mil Alkyd Finish Coats	5.84	
			For Up To 100, Add	4.24	
			For >100 To 250, Add	1.98	
			For >250 To 500, Add	0.85	
09 97 13 24-0053	SF		Brush Small Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	1.58	
			For Up To 100, Add	1.04	
			For >100 To 250, Add	0.49	
			For >250 To 500, Add	0.21	
09 97 13 24-0054	SF		Brush Large Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	1.33	
			For Up To 100, Add	0.85	
			For >100 To 250, Add	0.41	
			For >250 To 500, Add	0.18	
09 97 13 24-0055	SF		Brush Tank Interior Touch-Up And One 1.5 Mil Alkyd Finish Coats	3.82	
			For Up To 100, Add	2.72	
			For >100 To 250, Add	1.28	
			For >250 To 500, Add	0.55	
09 97 13 24-0056 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats For Tanks (09 97 13 24-0022)					
09 97 13 24-0057	SF		Spray Small Vessel/Tank 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats.....	2.65	
			For Up To 100, Add	1.35	
			For >100 To 250, Add	0.66	
			For >250 To 500, Add	0.29	
09 97 13 24-0058	SF		Spray Large Vessel/Tank 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats.....	2.30	
			For Up To 100, Add	1.09	
			For >100 To 250, Add	0.54	
			For >250 To 500, Add	0.24	
09 97 13 24-0059	SF		Spray Small Vessel/Tank Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	1.86	
			For Up To 100, Add	0.95	
			For >100 To 250, Add	0.47	
			For >250 To 500, Add	0.21	
09 97 13 24-0060	SF		Spray Large Vessel/Tank Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	1.61	
			For Up To 100, Add	0.76	
			For >100 To 250, Add	0.38	
			For >250 To 500, Add	0.17	

	MINOR	DESCRIPTION	TOTAL DIRECT	DEMOLITION
	CSI		UNIT COST	UNIT COST

09 97 13 24-0061		2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats For Tanks <small>(09 97 13 24-0022)</small>		
09 97 13 24-0062	SF	Spray Small Vessel/Tank 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	2.95	
		<i>For Up To 100, Add</i>	1.40	
		<i>For >100 To 250, Add</i>	0.69	
		<i>For >250 To 500, Add</i>	0.31	
09 97 13 24-0063	SF	Spray Large Vessel/Tank 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	2.60	
		<i>For Up To 100, Add</i>	1.13	
		<i>For >100 To 250, Add</i>	0.57	
		<i>For >250 To 500, Add</i>	0.25	
09 97 13 24-0064	SF	Spray Small Vessel/Tank Two 6 Mil High Build Epoxy Finish Coats	2.41	
		<i>For Up To 100, Add</i>	1.14	
		<i>For >100 To 250, Add</i>	0.57	
		<i>For >250 To 500, Add</i>	0.25	
09 97 13 24-0065	SF	Spray Large Vessel/Tank Two 6 Mil High Build Epoxy Finish Coats	2.12	
		<i>For Up To 100, Add</i>	0.92	
		<i>For >100 To 250, Add</i>	0.46	
		<i>For >250 To 500, Add</i>	0.21	
09 97 13 24-0066		1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats For Tanks <small>(09 97 13 24-0022)</small>		
09 97 13 24-0067	SF	Spray Small Vessel/Tank 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	6.99	
		<i>For Up To 100, Add</i>	3.70	
		<i>For >100 To 250, Add</i>	1.80	
		<i>For >250 To 500, Add</i>	0.79	
09 97 13 24-0068	SF	Spray Large Vessel/Tank 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	6.46	
		<i>For Up To 100, Add</i>	3.30	
		<i>For >100 To 250, Add</i>	1.62	
		<i>For >250 To 500, Add</i>	0.71	
09 97 13 24-0069	SF	Spray Tank Interior 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	10.53	
		<i>For Up To 100, Add</i>	6.36	
		<i>For >100 To 250, Add</i>	3.04	
		<i>For >250 To 500, Add</i>	1.32	
09 97 13 24-0070		1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats For Tanks <small>(09 97 13 24-0022)</small>		
09 97 13 24-0071	SF	Spray Small Vessel/Tank 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	3.70	
		<i>For Up To 100, Add</i>	1.74	
		<i>For >100 To 250, Add</i>	0.87	
		<i>For >250 To 500, Add</i>	0.38	
09 97 13 24-0072	SF	Spray Large Vessel/Tank 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	3.31	
		<i>For Up To 100, Add</i>	1.45	
		<i>For >100 To 250, Add</i>	0.73	
		<i>For >250 To 500, Add</i>	0.32	
09 97 13 24-0073	SF	Spray Tank Interior 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	5.43	
		<i>For Up To 100, Add</i>	3.04	
		<i>For >100 To 250, Add</i>	1.47	
		<i>For >250 To 500, Add</i>	0.64	
09 97 13 24-0074	SF	Spray Small Vessel/Tank Two 4 Mil High Build Vinyl Finish Coats	2.92	
		<i>For Up To 100, Add</i>	1.37	
		<i>For >100 To 250, Add</i>	0.68	
		<i>For >250 To 500, Add</i>	0.30	
09 97 13 24-0075	SF	Spray Large Vessel/Tank Two 4 Mil High Build Vinyl Finish Coats	2.62	
		<i>For Up To 100, Add</i>	1.15	
		<i>For >100 To 250, Add</i>	0.58	
		<i>For >250 To 500, Add</i>	0.26	
09 97 13 24-0076	SF	Spray Tank Interior Two 4 Mil High Build Vinyl Finish Coats	4.29	
		<i>For Up To 100, Add</i>	2.40	
		<i>For >100 To 250, Add</i>	1.16	
		<i>For >250 To 500, Add</i>	0.51	
09 97 13 24-0077		Two 8 Mil Coal Tar Epoxy Coats For Tanks <small>(09 97 13 24-0022)</small>		
09 97 13 24-0078	SF	Spray Small Vessel/Tank Two 8 Mil Coal Tar Epoxy Coats	3.27	
		<i>For Up To 100, Add</i>	1.86	
		<i>For >100 To 250, Add</i>	0.90	
		<i>For >250 To 500, Add</i>	0.39	
09 97 13 24-0079	SF	Spray Large Vessel/Tank Two 8 Mil Coal Tar Epoxy Coats	2.75	
		<i>For Up To 100, Add</i>	1.47	
		<i>For >100 To 250, Add</i>	0.72	
		<i>For >250 To 500, Add</i>	0.31	
09 97 13 24-0080	SF	Spray Tank Interior Two 8 Mil Coal Tar Epoxy Coats	4.16	
		<i>For Up To 100, Add</i>	2.53	
		<i>For >100 To 250, Add</i>	1.21	
		<i>For >250 To 500, Add</i>	0.53	
09 97 13 24-0081		One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat For Tanks <small>(09 97 13 24-0022)</small>		
09 97 13 24-0082	SF	Spray Small Vessel/Tank One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	2.27	
		<i>For Up To 100, Add</i>	1.24	
		<i>For >100 To 250, Add</i>	0.60	
		<i>For >250 To 500, Add</i>	0.26	

09 Finishes
09 90 Painting and Coating
09 97 Special Coatings

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0083	SF		Spray Large Vessel/Tank One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	2.09	
			For Up To 100, Add	1.11	
			For >100 To 250, Add	0.54	
			For >250 To 500, Add	0.24	
09 97 13 24-0084	SF		Spray Tank Interior One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	3.43	
			For Up To 100, Add	2.11	
			For >100 To 250, Add	1.01	
			For >250 To 500, Add	0.44	
09 97 13 24-0085			Two 6 Mil High Build Epoxy Finish Coats For Tanks Interior (09 97 13 24-0022)		
09 97 13 24-0086	SF		Spray Small Tank Interior Two 6 Mil High Build Epoxy Finish Coats.....	4.97	
			For Up To 100, Add	2.86	
			For >100 To 250, Add	1.38	
			For >250 To 500, Add	0.60	
09 97 13 24-0087	SF		Spray Large Tank Interior Two 6 Mil High Build Epoxy Finish Coats.....	3.08	
			For Up To 100, Add	1.52	
			For >100 To 250, Add	0.75	
			For >250 To 500, Add	0.33	
09 97 13 24-0088			One 3 Mil High Zinc Silicate Coat For Tanks (09 97 13 24-0022)		
09 97 13 24-0089	SF		Spray Small Vessel/Tank One 3 Mil High Zinc Silicate Coat	1.48	
			For Up To 100, Add	0.64	
			For >100 To 250, Add	0.32	
			For >250 To 500, Add	0.14	
09 97 13 24-0090	SF		Spray Large Vessel/Tank One 3 Mil High Zinc Silicate Coat	1.45	
			For Up To 100, Add	0.62	
			For >100 To 250, Add	0.31	
			For >250 To 500, Add	0.14	
09 97 13 24-0091	SF		Spray Tank Interior One 3 Mil High Zinc Silicate Coat.....	2.28	
			For Up To 100, Add	1.24	
			For >100 To 250, Add	0.60	
			For >250 To 500, Add	0.26	
09 97 13 24-0092			Two 1.5 Mil Vinyl Enamel Finish Coats For Tanks (09 97 13 24-0022)		
			Note: Installed over existing primer.		
09 97 13 24-0093	SF		Spray Small Vessel/Tank Two 1.5 Mil Vinyl Enamel Finish Coats.....	2.40	
			For Up To 100, Add	1.26	
			For >100 To 250, Add	0.62	
			For >250 To 500, Add	0.27	
09 97 13 24-0094	SF		Spray Large Vessel/Tank Two 1.5 Mil Vinyl Enamel Finish Coats.....	2.14	
			For Up To 100, Add	1.07	
			For >100 To 250, Add	0.52	
			For >250 To 500, Add	0.23	
09 97 13 24-0095	SF		Spray Tank Interior Two 1.5 Mil Vinyl Enamel Finish Coats	3.29	
			For Up To 100, Add	1.93	
			For >100 To 250, Add	0.93	
			For >250 To 500, Add	0.40	
09 97 13 24-0096			One 1 Mil Primer And 95 Mil Hot Coal Tar Enamel Finish Coat For Tanks (09 97 13 24-0022)		
09 97 13 24-0097	SF		Spray/Mop Large Vessel/Tank One 1 Mil Primer And 95 Mil Hot Coal Tar Enamel Finish Coat.....	8.56	
			For Up To 100, Add	5.32	
			For >100 To 250, Add	2.54	
			For >250 To 500, Add	1.10	
09 97 26			Cementitious Coatings (09 97)		
09 97 26 13			Interior Cementitious Coatings (09 97 26)		
09 97 26 13-0001			Ceramic-Like Glazed Coating (09 97 26 13)		
09 97 26 13-0002			Ceramic-Like Glazed Coating, Cementitious (09 97 26 13-0001)		
09 97 26 13-0003	SF		Ceramic-like Glazed Coating. - Cementitious	3.04	
09 97 26 13-0004			Ceramic-Like Glazed Coating, Resin Base (09 97 26 13-0001)		
09 97 26 13-0005	SF		Ceramic-like Glazed Coating - Resin	2.56	
09 97 35			Dry Erase Coatings (09 97)		
09 97 35 00-0001			Dry-Erase Paint (09 97 35)		
09 97 35 00-0002			Dry-Erase Paint (IdeaPaint™ PRO) (09 97 35 00-0001)		
09 97 35 00-0003	SF		Dry-Erase Paint (IdeaPaint™ PRO), Applied With Roller	12.63	
			Note: Includes two coats of primer and white, white sand, light beige or light gray surface.		
09 97 35 00-0004			Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE) (09 97 35 00-0001)		
09 97 35 00-0005	SF		Clear, Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE), Applied With Roller.....	6.92	
			Note: For application over existing latex-based top coats.		
09 97 35 00-0006	SF		Black Or White, Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE), Applied With Roller	13.48	
			Note: Includes two coats of primer and white or black surface coat.		

		Finishes	09	9
		Painting and Coating	09 90	
		Special Coatings	09 97	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 97 63 Special Coatings and Protection Systems (09 97)

09 97 63 00-0001 Acrylic Glazed Coating (09 97 63)

09 97 63 00-0002 SF Acrylic Glazed Coating 1.99

END OF SECTION 09

09 Finishes

09 90 Painting and Coating

09 97 Special Coatings

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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Specialties	10
Operation and Maintenance of Specialties	10 01
Operation and Maintenance of Safety Specialties	10 01 40
TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

MINOR
CSI UOM DESCRIPTION

10 Specialties

10 01 Operation and Maintenance of Specialties ⁽¹⁰⁾

10 01 40 Operation and Maintenance of Safety Specialties ^(10 01)

10 01 40 00-0001	Recharge Existing Portable Fire Extinguishers ^(10 01 40)		
	Note: Includes removal, filling, testing, certification and reinstallation.		
10 01 40 00-0002	Recharge Carbon Dioxide, Class BC Portable Fire Extinguishers ^(10 01 40 00-0001)		
10 01 40 00-0003	EA Recharge 2.5 LB Carbon Dioxide Portable Fire Extinguisher		17.27
10 01 40 00-0004	EA Recharge 5 LB Carbon Dioxide Portable Fire Extinguisher		19.19
10 01 40 00-0005	EA Recharge 10 LB Carbon Dioxide Portable Fire Extinguisher		19.96
10 01 40 00-0006	EA Recharge 15 LB Carbon Dioxide Portable Fire Extinguisher		22.59
10 01 40 00-0007	EA Recharge 20 LB Carbon Dioxide Portable Fire Extinguisher		26.10
10 01 40 00-0008	Recharge Dry Chemical, Class ABC Portable Fire Extinguishers ^(10 01 40 00-0001)		
10 01 40 00-0009	EA Recharge 2.5 LB Dry Chemical Portable Fire Extinguisher		20.84
10 01 40 00-0010	EA Recharge 5 LB Dry Chemical Portable Fire Extinguisher		25.22
10 01 40 00-0011	EA Recharge 10 LB Dry Chemical Portable Fire Extinguisher		35.64
10 01 40 00-0012	EA Recharge 20 LB Dry Chemical Portable Fire Extinguisher		56.26
10 01 40 00-0013	Recharge Other Portable Fire Extinguishers ^(10 01 40 00-0001)		
10 01 40 00-0014	EA Recharge 2.5 Gallon Pressurized Water Portable Fire Extinguisher		20.62
10 01 40 00-0015	EA Recharge 1.6 Gallon Wet Chemical Class K Fire Extinguisher.....		146.94
10 01 40 00-0016	EA Recharge 2.5 Gallon Wet Chemical Class K Fire Extinguisher.....		205.72
10 01 40 00-0017	EA Recharge 30 LB Dry Powder Class D Portable Fire Extinguisher.....		84.70

10 01 50 Operation and Maintenance of Storage Specialties ^(10 01)

10 01 50 11 Operation and Maintenance of Storage Specialties ^(10 01 50)

10 01 50 11-0001	Locker Repair And Refinishing ^(10 01 50 11)		
10 01 50 11-0002	EA Removal And Replacement Of Single Tier Locker Door.....		381.79
10 01 50 11-0003	EA Removal And Replacement Of Two Tier Locker Door		300.16
10 01 50 11-0004	EA Removal And Replacement Of Three Tier Locker Door		257.12
10 01 50 11-0005	EA Removal And Replacement Of Four Tier Locker Door		216.75
10 01 50 11-0006	EA Removal And Replacement Of Six Tier Or Sixteen Person Locker Door.....		119.30
10 01 50 11-0007	EA Realign Metal Locker Door For Proper Closure		41.09
10 01 50 11-0008	EA Patch Small Drill Holes In Locker.....		8.22

10 10 Information Specialties ⁽¹⁰⁾

10 11 Visual Display Units ^(10 10)

10 11 13 Chalkboards ^(10 11)

10 11 13 13 Fixed Chalkboards ^(10 11 13)

Note: Select task based off the square footage of an individual chalkboard. For example use the >12 To 16 SF range for each 3' x 5' chalkboard.

10 11 13 13-0001	Porcelain Enamel Steel Chalkboards ^(10 11 13 13)		
10 11 13 13-0002	5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboards (Claridge 800 Series) ^(10 11 13 13-0001)		
	Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, chalk tray and mounting hardware.		
10 11 13 13-0003	SF Up To 6 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard.....	49.75	9.90
	For >3 To 9, Deduct	-2.25	
	For >9, Deduct	-4.65	
10 11 13 13-0004	SF >6 To 12 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	31.57	4.65
	For >3 To 9, Deduct	-1.67	
	For >9, Deduct	-3.45	
10 11 13 13-0005	SF >12 To 16 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	27.29	4.02
	For >3 To 9, Deduct	-1.44	
	For >9, Deduct	-2.99	
10 11 13 13-0006	SF >16 To 24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	22.54	2.62
	For >3 To 9, Deduct	-1.30	
	For >9, Deduct	-2.68	
10 11 13 13-0007	SF >24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	18.75	1.45
	For >3 To 9, Deduct	-1.19	
	For >9, Deduct	-2.46	
10 11 13 13-0008	1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboards (Claridge 1300 Series) ^(10 11 13 13-0001)		
	Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, chalk tray and mounting hardware.		

10 Specialties**10 10 Information Specialties****10 11 Visual Display Units**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

10 11 13 13-0009	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard.....	52.53	9.90
		<i>For >3 To 9, Deduct</i>	-2.46	
		<i>For >9, Deduct</i>	-5.08	
10 11 13 13-0010	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard.....	34.28	4.65
		<i>For >3 To 9, Deduct</i>	-1.87	
		<i>For >9, Deduct</i>	-3.87	
10 11 13 13-0011	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard.....	29.78	4.02
		<i>For >3 To 9, Deduct</i>	-1.63	
		<i>For >9, Deduct</i>	-3.37	
10 11 13 13-0012	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard.....	25.56	2.62
		<i>For >3 To 9, Deduct</i>	-1.52	
		<i>For >9, Deduct</i>	-3.15	
10 11 13 13-0013	SF	>24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard.....	21.71	1.45
		<i>For >3 To 9, Deduct</i>	-1.41	
		<i>For >9, Deduct</i>	-2.91	

10 11 13 13-0014 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboards (Claridge 1600 Series) (10 11 13 13-0001)

Note: Includes up to 1/2" core material, aluminum backing, chalk tray and mounting hardware.

10 11 13 13-0015	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard.....	48.03	9.90
		<i>For >3 To 9, Deduct</i>	-2.12	
		<i>For >9, Deduct</i>	-4.38	
10 11 13 13-0016	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard.....	29.81	4.65
		<i>For >3 To 9, Deduct</i>	-1.54	
		<i>For >9, Deduct</i>	-3.18	
10 11 13 13-0017	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard.....	25.61	4.02
		<i>For >3 To 9, Deduct</i>	-1.32	
		<i>For >9, Deduct</i>	-2.72	
10 11 13 13-0018	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard.....	21.13	2.62
		<i>For >3 To 9, Deduct</i>	-1.19	
		<i>For >9, Deduct</i>	-2.46	
10 11 13 13-0019	SF	>24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard.....	17.18	1.45
		<i>For >3 To 9, Deduct</i>	-1.07	
		<i>For >9, Deduct</i>	-2.21	

10 11 13 13-0020 Removal And Reinstallation Of Chalkboards (10 11 13 13)

Note: Includes storage, cleaning and supply materials.

10 11 13 13-0021	SF	Removal And Reinstallation Of Chalkboard.....	12.13	
		<i>For >3 To 9, Deduct</i>	-0.04	
		<i>For >9, Deduct</i>	-0.08	

10 11 13 13-0022 Field Applied Chalkboard And Accessories (10 11 13 13)
10 11 13 13-0023 Chalkboard Face Sheets And Panels (10 11 13 13-0022)

10 11 13 13-0024	SF	Porcelain Enamel Steel Chalkboard Face Sheet (Claridge Vitracite).....	16.72	4.65
		Note: Includes porcelain enamel steel chalkboard skin.		
		<i>For >3 To 9, Deduct</i>	-0.60	
		<i>For >9, Deduct</i>	-1.24	
10 11 13 13-0025	SF	Porcelain Enamel Steel Chalkboard Panel (Claridge VIT).....	19.81	4.65
		Note: Includes porcelain enamel steel surface mounted on either particle board or hardboard core with an aluminum moisture barrier back.		
		<i>For >3 To 9, Deduct</i>	-0.83	
		<i>For >9, Deduct</i>	-1.72	

10 11 13 13-0026 Chalkboard And Markerboard Accessory Trays And Trim (10 11 13 13-0022)

10 11 13 13-0027	LF	Chalk And Marker Tray, Field Applied.....	24.30	6.40
		<i>For >3 To 9, Deduct</i>	-0.85	
		<i>For >9, Deduct</i>	-1.76	
10 11 13 13-0028	PR	Chalk And Marker Tray End Closures, Field Applied.....	30.84	11.64
		<i>For >3 To 9, Deduct</i>	-0.57	
		<i>For >9, Deduct</i>	-1.17	
10 11 13 13-0029	LF	Mullion Trim For Chalkboards And Markerboards, Field Applied.....	17.47	6.40
		<i>For >3 To 9, Deduct</i>	-0.34	
		<i>For >9, Deduct</i>	-0.70	
10 11 13 13-0030	LF	Screw On Trim For Chalkboards And Markerboards, Field Applied.....	17.10	6.40
		<i>For >3 To 9, Deduct</i>	-0.31	
		<i>For >9, Deduct</i>	-0.64	
10 11 13 13-0031	LF	1/2" Leg Map Rail For Chalkboards And Markerboards, Field Applied.....	18.15	6.40
		<i>For >3 To 9, Deduct</i>	-0.39	
		<i>For >9, Deduct</i>	-0.81	
10 11 13 13-0032	LF	1/4" Leg Map Rail For Chalkboards And Markerboards, Field Applied.....	20.15	6.40
		<i>For >3 To 9, Deduct</i>	-0.54	
		<i>For >9, Deduct</i>	-1.12	
10 11 13 13-0033	LF	No Leg Map Rail For Chalkboards And Markerboards, Field Applied.....	18.15	6.40
		<i>For >3 To 9, Deduct</i>	-0.39	
		<i>For >9, Deduct</i>	-0.81	

10 11 13 33 Rail-Mounted Chalkboards (10 11 13)
10 11 13 33-0001 Horizontal Sliding, Porcelain Enamel Steel Chalkboards (Claridge HS Series) (10 11 13 33)

	MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 11 13 33-002		Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards <small>(10 11 13 33-0001)</small>		
10 11 13 33-0003	EA	4' x 6' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	2,240.58	116.36
		<i>For >3 To 9, Deduct</i>	-150.59	
		<i>For >9, Deduct</i>	-311.22	
10 11 13 33-0004	EA	4' x 8' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	2,513.44	116.36
		<i>For >3 To 9, Deduct</i>	-171.05	
		<i>For >9, Deduct</i>	-353.51	
10 11 13 33-0005	EA	4' x 10' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	2,845.57	123.93
		<i>For >3 To 9, Deduct</i>	-194.83	
		<i>For >9, Deduct</i>	-402.65	
10 11 13 33-0006	EA	4' x 12' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	3,162.59	123.93
		<i>For >3 To 9, Deduct</i>	-218.61	
		<i>For >9, Deduct</i>	-451.78	
10 11 13 33-0007	EA	4' x 14' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	3,937.77	133.23
		<i>For >3 To 9, Deduct</i>	-275.35	
		<i>For >9, Deduct</i>	-569.05	
10 11 13 33-0008	EA	4' x 16' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	4,190.65	133.23
		<i>For >3 To 9, Deduct</i>	-294.31	
		<i>For >9, Deduct</i>	-608.25	
10 11 13 33-0009	EA	4' x 20' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	4,733.38	139.63
		<i>For >3 To 9, Deduct</i>	-334.06	
		<i>For >9, Deduct</i>	-690.39	
10 11 13 33-0010	EA	4' x 24' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	5,361.11	139.63
		<i>For >3 To 9, Deduct</i>	-381.14	
		<i>For >9, Deduct</i>	-787.69	

10 11 13 33-0011		Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards <small>(10 11 13 33-0001)</small>		
10 11 13 33-0012	EA	4' x 6' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	3,054.47	116.36
		<i>For >3 To 9, Deduct</i>	-211.63	
		<i>For >9, Deduct</i>	-437.37	
10 11 13 33-0013	EA	4' x 8' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	3,619.66	116.36
		<i>For >3 To 9, Deduct</i>	-254.02	
		<i>For >9, Deduct</i>	-524.97	
10 11 13 33-0014	EA	4' x 10' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	4,141.07	123.93
		<i>For >3 To 9, Deduct</i>	-291.99	
		<i>For >9, Deduct</i>	-603.45	
10 11 13 33-0015	EA	4' x 12' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	4,659.99	123.93
		<i>For >3 To 9, Deduct</i>	-330.91	
		<i>For >9, Deduct</i>	-683.88	
10 11 13 33-0016	EA	4' x 14' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	5,311.09	133.23
		<i>For >3 To 9, Deduct</i>	-378.35	
		<i>For >9, Deduct</i>	-781.92	
10 11 13 33-0017	EA	4' x 16' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	5,539.77	133.23
		<i>For >3 To 9, Deduct</i>	-395.50	
		<i>For >9, Deduct</i>	-817.36	
10 11 13 33-0018	EA	4' x 20' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	6,493.66	139.63
		<i>For >3 To 9, Deduct</i>	-466.08	
		<i>For >9, Deduct</i>	-963.23	
10 11 13 33-0019	EA	4' x 24' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	7,257.04	139.63
		<i>For >3 To 9, Deduct</i>	-523.33	
		<i>For >9, Deduct</i>	-1,081.55	

10 11 13 33-0020		Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards <small>(10 11 13 33-0001)</small>		
10 11 13 33-0021	EA	4' x 6' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	3,401.48	116.36
		<i>For >3 To 9, Deduct</i>	-237.66	
		<i>For >9, Deduct</i>	-491.16	
10 11 13 33-0022	EA	4' x 8' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	3,863.61	116.36
		<i>For >3 To 9, Deduct</i>	-272.32	
		<i>For >9, Deduct</i>	-562.79	
10 11 13 33-0023	EA	4' x 10' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	4,365.05	123.93
		<i>For >3 To 9, Deduct</i>	-308.79	
		<i>For >9, Deduct</i>	-638.17	
10 11 13 33-0024	EA	4' x 12' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	4,895.53	123.93
		<i>For >3 To 9, Deduct</i>	-348.58	
		<i>For >9, Deduct</i>	-720.39	
10 11 13 33-0025	EA	4' x 14' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	5,925.19	133.23
		<i>For >3 To 9, Deduct</i>	-424.40	
		<i>For >9, Deduct</i>	-877.10	
10 11 13 33-0026	EA	4' x 16' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	6,168.60	133.23
		<i>For >3 To 9, Deduct</i>	-442.66	
		<i>For >9, Deduct</i>	-914.83	
10 11 13 33-0027	EA	4' x 20' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	7,281.26	139.63
		<i>For >3 To 9, Deduct</i>	-525.15	
		<i>For >9, Deduct</i>	-1,085.31	
10 11 13 33-0028	EA	4' x 24' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	8,126.20	139.63
		<i>For >3 To 9, Deduct</i>	-588.52	
		<i>For >9, Deduct</i>	-1,216.27	

10 11 13 33-0029		Vertical Sliding, Porcelain Enamel Steel Chalkboards (Claridge TW Series) <small>(10 11 13 33)</small>		
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10 Specialties**10 10 Information Specialties****10 11 Visual Display Units**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 13 33-0030			One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboards ^(10 11 13 33-0029)		
10 11 13 33-0031	EA		8' x 4' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	2,674.32	116.36
			For>3 To 9, Deduct	-183.12	
			For>9, Deduct	-378.45	
10 11 13 33-0032	EA		8' x 5' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	2,949.28	116.36
			For>3 To 9, Deduct	-203.74	
			For>9, Deduct	-421.07	
10 11 13 33-0033	EA		8' x 6' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	3,224.63	123.93
			For>3 To 9, Deduct	-223.26	
			For>9, Deduct	-461.40	
10 11 13 33-0034	EA		8' x 8' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	3,701.99	123.93
			For>3 To 9, Deduct	-259.06	
			For>9, Deduct	-535.39	
10 11 13 33-0035	EA		8' x 10' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	4,054.96	133.23
			For>3 To 9, Deduct	-284.14	
			For>9, Deduct	-587.22	
10 11 13 33-0036	EA		8' x 12' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	4,495.51	133.23
			For>3 To 9, Deduct	-317.18	
			For>9, Deduct	-655.50	
10 11 13 33-0037			Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboards ^(10 11 13 33-0029)		
10 11 13 33-0038	EA		8' x 4' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	3,912.95	116.36
			For>3 To 9, Deduct	-276.02	
			For>9, Deduct	-570.43	
10 11 13 33-0039	EA		8' x 5' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	4,339.83	116.36
			For>3 To 9, Deduct	-308.03	
			For>9, Deduct	-636.60	
10 11 13 33-0040	EA		8' x 6' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	4,769.22	123.93
			For>3 To 9, Deduct	-339.10	
			For>9, Deduct	-700.81	
10 11 13 33-0041	EA		8' x 8' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	5,554.64	123.93
			For>3 To 9, Deduct	-398.01	
			For>9, Deduct	-822.55	
10 11 13 33-0042	EA		8' x 10' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	6,045.31	133.23
			For>3 To 9, Deduct	-433.41	
			For>9, Deduct	-895.72	
10 11 13 33-0043	EA		8' x 12' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	6,758.17	133.23
			For>3 To 9, Deduct	-486.88	
			For>9, Deduct	-1,006.21	
10 11 13 33-0044			Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboards ^(10 11 13 33-0029)		
10 11 13 33-0045	EA		8' x 4' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	5,335.60	116.36
			For>3 To 9, Deduct	-382.72	
			For>9, Deduct	-790.94	
10 11 13 33-0046	EA		8' x 5' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	5,917.57	116.36
			For>3 To 9, Deduct	-426.36	
			For>9, Deduct	-881.15	
10 11 13 33-0047	EA		8' x 6' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	6,502.03	123.93
			For>3 To 9, Deduct	-469.06	
			For>9, Deduct	-969.40	
10 11 13 33-0048	EA		8' x 8' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	7,594.46	123.93
			For>3 To 9, Deduct	-551.00	
			For>9, Deduct	-1,138.72	
10 11 13 33-0049	EA		8' x 10' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	8,235.46	133.23
			For>3 To 9, Deduct	-597.67	
			For>9, Deduct	-1,235.19	
10 11 13 33-0050	EA		8' x 12' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	9,239.56	133.23
			For>3 To 9, Deduct	-672.98	
			For>9, Deduct	-1,390.83	
10 11 13 33-0051			Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards (Claridge MO Series) ^(10 11 13 33)		
			Note: Excludes remotes.		
10 11 13 33-0052			One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards ^(10 11 13 33-0051)		
10 11 13 33-0053	EA		10' x 4' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	8,566.93	232.73
			For>3 To 9, Deduct	-607.61	
			For>9, Deduct	-1,255.73	
10 11 13 33-0054	EA		10' x 5' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	8,810.47	232.73
			For>3 To 9, Deduct	-625.88	
			For>9, Deduct	-1,293.48	
10 11 13 33-0055	EA		10' x 6' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	9,083.27	240.00
			For>3 To 9, Deduct	-645.25	
			For>9, Deduct	-1,333.51	
10 11 13 33-0056	EA		10' x 8' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	9,529.33	240.00
			For>3 To 9, Deduct	-678.70	
			For>9, Deduct	-1,402.65	
10 11 13 33-0057	EA		10' x 10' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	10,023.60	247.26
			For>3 To 9, Deduct	-714.68	
			For>9, Deduct	-1,477.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 11 13 33-0058	EA		10' x 12' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	10,453.89	247.26
			For >3 To 9, Deduct	-746.95	
			For >9, Deduct	-1,543.70	
10 11 13 33-0059	EA		10' x 14' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	11,392.77	261.81
			For >3 To 9, Deduct	-815.19	
			For >9, Deduct	-1,684.72	
10 11 13 33-0060	EA		10' x 16' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	11,511.80	261.81
			For >3 To 9, Deduct	-824.11	
			For >9, Deduct	-1,703.17	

10 11 13 33-0061 Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards (10 11 13 33-0051)

10 11 13 33-0062	EA		10' x 4' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	13,452.81	232.73
			For >3 To 9, Deduct	-974.05	
			For >9, Deduct	-2,013.04	
10 11 13 33-0063	EA		10' x 5' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	13,774.79	232.73
			For >3 To 9, Deduct	-998.20	
			For >9, Deduct	-2,062.95	
10 11 13 33-0064	EA		10' x 6' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	14,135.50	240.00
			For >3 To 9, Deduct	-1,024.16	
			For >9, Deduct	-2,116.60	
10 11 13 33-0065	EA		10' x 8' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	14,791.03	240.00
			For >3 To 9, Deduct	-1,073.33	
			For >9, Deduct	-2,218.21	
10 11 13 33-0066	EA		10' x 10' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	15,444.28	247.26
			For >3 To 9, Deduct	-1,121.23	
			For >9, Deduct	-2,317.21	
10 11 13 33-0067	EA		10' x 12' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	16,067.22	247.26
			For >3 To 9, Deduct	-1,167.95	
			For >9, Deduct	-2,413.77	
10 11 13 33-0068	EA		10' x 14' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	17,334.39	261.81
			For >3 To 9, Deduct	-1,260.81	
			For >9, Deduct	-2,605.67	
10 11 13 33-0069	EA		10' x 16' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	17,523.04	261.81
			For >3 To 9, Deduct	-1,274.96	
			For >9, Deduct	-2,634.91	

10 11 13 33-0070 Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards (10 11 13 33-0051)

10 11 13 33-0071	EA		10' x 4' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	17,464.86	232.73
			For >3 To 9, Deduct	-1,274.96	
			For >9, Deduct	-2,634.91	
10 11 13 33-0072	EA		10' x 5' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	18,277.49	232.73
			For >3 To 9, Deduct	-1,335.90	
			For >9, Deduct	-2,760.87	
10 11 13 33-0073	EA		10' x 6' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	18,709.28	240.00
			For >3 To 9, Deduct	-1,367.20	
			For >9, Deduct	-2,825.54	
10 11 13 33-0074	EA		10' x 8' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	19,561.66	240.00
			For >3 To 9, Deduct	-1,431.13	
			For >9, Deduct	-2,957.66	
10 11 13 33-0075	EA		10' x 10' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	20,459.08	247.26
			For >3 To 9, Deduct	-1,497.34	
			For >9, Deduct	-3,094.50	
10 11 13 33-0076	EA		10' x 12' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	21,320.92	247.26
			For >3 To 9, Deduct	-1,561.98	
			For >9, Deduct	-3,228.09	
10 11 13 33-0077	EA		10' x 14' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	23,023.64	261.81
			For >3 To 9, Deduct	-1,687.50	
			For >9, Deduct	-3,487.50	
10 11 13 33-0078	EA		10' x 16' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	23,355.51	261.81
			For >3 To 9, Deduct	-1,712.39	
			For >9, Deduct	-3,538.94	

10 11 13 33-0079 Sliding Chalkboard And Markerboard Accessories (10 11 13 33)

10 11 13 33-0080	EA		One Sliding Panel, Remote Control For Motor Operated Sliding Chalkboard Or Markerboard.....	641.51	
			For >3 To 9, Deduct	-47.24	
			For >9, Deduct	-97.63	
10 11 13 33-0081	EA		Two Sliding Panel, Remote Control For Motor Operated Sliding Chalkboard Or Markerboard.....	1,094.73	
			For >3 To 9, Deduct	-81.23	
			For >9, Deduct	-167.88	

10 11 16 Markerboards (10 11)

10 11 16 13 Fixed Markerboards (10 11 16)

Note: Select task based off the square footage of an individual markerboard. For example use the >12 To 16 SF range for each 3' x 5' markerboard.

10 11 16 13-0001			Porcelain Enamel Steel Markerboards <small>(10 11 16 13)</small>		
10 11 16 13-0002			5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboards (Claridge 800 Series) <small>(10 11 16 13-0001)</small>		
			Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, marker tray and mounting hardware.		

10 Specialties**10 10 Information Specialties****10 11 Visual Display Units**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

10 11 16 13-0003	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	49.92	9.90
10 11 16 13-0004	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	32.18	4.65
10 11 16 13-0005	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	27.29	4.02
10 11 16 13-0006	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	22.76	2.62
10 11 16 13-0007	SF	>24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	18.50	1.45

10 11 16 13-0008 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboards (Claridge 1300 Series) (10 11 16 13-0001)

Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, marker tray and mounting hardware.

10 11 16 13-0009	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	52.56	9.90
10 11 16 13-0010	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	32.97	4.65
10 11 16 13-0011	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	28.47	4.02
10 11 16 13-0012	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	24.25	2.62
10 11 16 13-0013	SF	>24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	20.94	1.45

10 11 16 13-0014 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboards (Claridge LCS Series) (10 11 16 13-0001)

Note: Includes up to 1/2" core material, aluminum backing, marker tray and mounting hardware.

10 11 16 13-0015	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard.....	48.01	9.90
10 11 16 13-0016	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard.....	29.83	4.65
10 11 16 13-0017	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard.....	26.89	4.02
10 11 16 13-0018	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard.....	21.27	2.62
10 11 16 13-0019	SF	>24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard.....	16.89	1.45

10 11 16 13-0020 Melamine Markerboards (10 11 16 13)
10 11 16 13-0021 1-1/4" Face Aluminum Frame, Melamine Markerboard (Claridge MLC Series) (10 11 16 13-0020)

Note: Includes full length map rail, map hooks, marker tray and mounting hardware.

10 11 16 13-0022	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard.....	39.94	9.90
10 11 16 13-0023	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard.....	24.26	4.65
10 11 16 13-0024	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard.....	21.04	4.02
10 11 16 13-0025	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard.....	15.75	2.62
10 11 16 13-0026	SF	>24 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard.....	12.68	1.45

10 11 16 13-0027 1-3/4" Face Wood Frame, Melamine Markerboard (Claridge MLC Series) (10 11 16 13-0020)

Note: Includes marker tray and mounting hardware.

10 11 16 13-0028	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Melamine Markerboard.....	39.04	9.90
10 11 16 13-0029	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Melamine Markerboard.....	23.84	4.65
10 11 16 13-0030	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Melamine Markerboard.....	20.45	4.02
10 11 16 13-0031	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Melamine Markerboard.....	14.69	2.62
10 11 16 13-0032	SF	>24 SF, 1-3/4" Face Wood Frame, Melamine Markerboard.....	11.72	1.45

10 11 16 13-0033 Nonporous, Non-Staining Markerboards (10 11 16 13)
10 11 16 13-0034 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) (10 11 16 13-0033)

Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.

10 11 16 13-0035	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard.....	54.04	9.90
		<i>For Magnetic Surface, Add</i>	3.43	
10 11 16 13-0036	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard.....	35.38	4.65
		<i>For Magnetic Surface, Add</i>	2.61	
10 11 16 13-0037	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard.....	30.51	4.02
		<i>For Magnetic Surface, Add</i>	2.25	
10 11 16 13-0038	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard.....	26.83	2.62
		<i>For Magnetic Surface, Add</i>	2.16	
10 11 16 13-0039	SF	>24 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard.....	23.05	1.45
		<i>For Magnetic Surface, Add</i>	2.01	

10 11 16 13-0040 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) (10 11 16 13-0033)

Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.

10 11 16 13-0041	SF	Up To 6 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard.....	54.04	9.90
		<i>For Magnetic Surface, Add</i>	3.43	
10 11 16 13-0042	SF	>6 To 12 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard.....	35.38	4.65
		<i>For Magnetic Surface, Add</i>	2.61	
10 11 16 13-0043	SF	>12 To 16 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard.....	30.51	4.02
		<i>For Magnetic Surface, Add</i>	2.25	
10 11 16 13-0044	SF	>16 To 24 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard.....	26.83	2.62
		<i>For Magnetic Surface, Add</i>	2.16	
10 11 16 13-0045	SF	>24 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard.....	23.05	1.45
		<i>For Magnetic Surface, Add</i>	2.01	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 11 16 13-0046	<p>1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) <small>(10 11 16 13-0033)</small></p> <p>Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.</p>		
10 11 16 13-0047	SF Up To 6 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard <i>For Magnetic Surface, Add</i>	96.49 7.67	9.90
10 11 16 13-0048	SF >6 To 12 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard <i>For Magnetic Surface, Add</i>	60.89 5.16	4.65
10 11 16 13-0049	SF >12 To 16 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard..... <i>For Magnetic Surface, Add</i>	51.46 4.34	4.02
10 11 16 13-0050	SF >16 To 24 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard..... <i>For Magnetic Surface, Add</i>	43.40 3.82	2.62
10 11 16 13-0051	SF >24 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard..... <i>For Magnetic Surface, Add</i>	33.63 3.07	1.45
10 11 16 13-0052	<p>Nonporous, Non-Staining Markerboard Resurfacing Panels (EverWhite EverEZ Resurfacing Panels) <small>(10 11 16 13-0033)</small></p> <p>Note: Includes non-staining, permanent marker resistant, magnetic dry erase surface. Excludes frame. Resurfacing panel for mounting to existing chalkboard or markerboard consists of dry erase surface, 24-gauge treated steel interlayer and pressure-sensitive adhesive backing.</p>		
10 11 16 13-0053	SF Up To 16 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing.....	24.23	4.02
10 11 16 13-0054	SF >16 To 24 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing.....	20.59	2.62
10 11 16 13-0055	SF >24 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing.....	17.22	1.45
10 11 16 13-0056	<p>Removal And Reinstallation Of Markerboard <small>(10 11 16 13)</small></p> <p>Note: Includes storage, cleaning and supply materials.</p>		
10 11 16 13-0057	EA Up To 6 SF, Removal And Reinstallation Of Markerboard	69.82	
10 11 16 13-0058	EA >6 To 12 SF, Removal And Reinstallation Of Markerboard.....	81.45	
10 11 16 13-0059	EA >12 To 16 SF, Removal And Reinstallation Of Markerboard.....	93.09	
10 11 16 13-0060	EA >16 To 24 SF, Removal And Reinstallation Of Markerboard	104.72	
10 11 16 13-0061	EA >24 SF, Removal And Reinstallation Of Markerboard.....	116.36	
10 11 16 13-0062	<p>Field Applied Markerboard And Accessories <small>(10 11 16 13)</small></p>		
10 11 16 13-0063	<p>Markerboard Face Sheets And Panels <small>(10 11 16 13-0062)</small></p>		
10 11 16 13-0064	SF Porcelain Enamel Steel Markerboard Face Sheet (Claridge LCS) Note: Includes porcelain enamel steel markerboard skin backed with double sided tape.	16.47	4.65
10 11 16 13-0065	SF Porcelain Enamel Steel Markerboard Face Sheet With Double Sided Tape (Claridge LCS EZ Stick) Note: Includes porcelain enamel steel markerboard skin backed with double sided tape.	19.25	4.65
10 11 16 13-0066	SF Porcelain Enamel Steel Markerboard Panel (Claridge LCS) Note: Includes porcelain enamel steel surface mounted on either 3/8" particle board or 1/4" hardboard core with an aluminum moisture barrier back.	19.18	4.65
10 11 16 13-0067	SF Melamine Markerboard Panel (Claridge 1032) Note: Includes 1/4" thick melamine panel.	11.44	4.65
10 11 16 13-0068	<p>Chalkboard And Markerboard Accessory Trays And Trim <small>(10 11 16 13-0062)</small></p> <p>See CSI section 10 11 13 13-0026 for chalkboard and markerboard accessory trays and trim.</p>		
10 11 16 33	<p>Rail-Mounted Markerboards <small>(10 11 16)</small></p>		
10 11 16 33-0001	<p>Horizontal Sliding, Porcelain Enamel Steel Markerboards (Claridge HS Series) <small>(10 11 16 33)</small></p>		
10 11 16 33-0002	<p>Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards <small>(10 11 16 33-0001)</small></p>		
10 11 16 33-0003	EA 4' x 6' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	2,213.83	116.36
10 11 16 33-0004	EA 4' x 8' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	2,477.77	116.36
10 11 16 33-0005	EA 4' x 10' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	2,800.99	123.93
10 11 16 33-0006	EA 4' x 12' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	3,109.09	123.93
10 11 16 33-0007	EA 4' x 14' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	3,875.36	133.23
10 11 16 33-0008	EA 4' x 16' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	4,119.31	133.23
10 11 16 33-0009	EA 4' x 20' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	4,644.21	139.63
10 11 16 33-0010	EA 4' x 24' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	5,254.11	139.63
10 11 16 33-0011	<p>Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards <small>(10 11 16 33-0001)</small></p>		
10 11 16 33-0012	EA 4' x 6' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,027.72	116.36
10 11 16 33-0013	EA 4' x 8' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,583.99	116.36
10 11 16 33-0014	EA 4' x 10' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,096.49	123.93
10 11 16 33-0015	EA 4' x 12' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,606.48	123.93
10 11 16 33-0016	EA 4' x 14' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,248.67	133.23
10 11 16 33-0017	EA 4' x 16' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,468.44	133.23
10 11 16 33-0018	EA 4' x 20' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	6,404.49	139.63
10 11 16 33-0019	EA 4' x 24' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	7,150.03	139.63
10 11 16 33-0020	<p>Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards <small>(10 11 16 33-0001)</small></p>		

10 Specialties
10 10 Information Specialties
10 11 Visual Display Units



MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

10 11 16 33-0021	EA	4' x 6' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,374.73	116.36
10 11 16 33-0022	EA	4' x 8' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,827.95	116.36
10 11 16 33-0023	EA	4' x 10' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,320.46	123.93
10 11 16 33-0024	EA	4' x 12' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,842.03	123.93
10 11 16 33-0025	EA	4' x 14' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,862.77	133.23
10 11 16 33-0026	EA	4' x 16' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	6,097.26	133.23
10 11 16 33-0027	EA	4' x 20' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	7,192.09	139.63
10 11 16 33-0028	EA	4' x 24' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	8,045.94	139.63

10 11 16 33-0029 Vertical Sliding, Porcelain Enamel Steel Markerboards (Claridge TW Series) (10 11 16 33)

10 11 16 33-0030 One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboards (10 11 16 33-0029)

10 11 16 33-0031	EA	8' x 4' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	2,638.65	116.36
10 11 16 33-0032	EA	8' x 5' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	2,904.69	116.36
10 11 16 33-0033	EA	8' x 6' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,171.13	123.93
10 11 16 33-0034	EA	8' x 8' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,630.65	123.93
10 11 16 33-0035	EA	8' x 10' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,965.79	133.23
10 11 16 33-0036	EA	8' x 12' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,388.51	133.23

10 11 16 33-0037 Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboards (10 11 16 33-0029)

10 11 16 33-0038	EA	8' x 4' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,841.62	116.36
10 11 16 33-0039	EA	8' x 5' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,250.66	116.36
10 11 16 33-0040	EA	8' x 6' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,662.21	123.93
10 11 16 33-0041	EA	8' x 8' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,411.96	123.93
10 11 16 33-0042	EA	8' x 10' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,866.97	133.23
10 11 16 33-0043	EA	8' x 12' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	6,544.16	133.23

10 11 16 33-0044 Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboards (10 11 16 33-0029)

10 11 16 33-0045	EA	8' x 4' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,228.60	116.36
10 11 16 33-0046	EA	8' x 5' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,783.81	116.36
10 11 16 33-0047	EA	8' x 6' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	6,341.52	123.93
10 11 16 33-0048	EA	8' x 8' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	7,380.45	123.93
10 11 16 33-0049	EA	8' x 10' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	7,967.95	133.23
10 11 16 33-0050	EA	8' x 12' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	8,918.54	133.23

10 11 16 33-0051 Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards (Claridge MO Series) (10 11 16 33)

Note: Excludes remotes.

10 11 16 33-0052 One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards (10 11 16 33-0051)

10 11 16 33-0053	EA	10' x 4' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	8,522.35	232.73
10 11 16 33-0054	EA	10' x 5' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	8,754.74	232.73
10 11 16 33-0055	EA	10' x 6' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	9,016.39	240.00
10 11 16 33-0056	EA	10' x 8' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	9,440.16	240.00
10 11 16 33-0057	EA	10' x 10' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	9,912.13	247.26
10 11 16 33-0058	EA	10' x 12' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	10,320.13	247.26
10 11 16 33-0059	EA	10' x 14' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	11,236.72	261.81
10 11 16 33-0060	EA	10' x 16' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	11,333.46	261.81

10 11 16 33-0061 Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards (10 11 16 33-0051)

10 11 16 33-0062	EA	10' x 4' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	13,363.64	232.73
10 11 16 33-0063	EA	10' x 5' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	13,663.33	232.73
10 11 16 33-0064	EA	10' x 6' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	14,001.74	240.00
10 11 16 33-0065	EA	10' x 8' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	14,612.69	240.00
10 11 16 33-0066	EA	10' x 10' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	15,221.36	247.26
10 11 16 33-0067	EA	10' x 12' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	15,799.70	247.26
10 11 16 33-0068	EA	10' x 14' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	17,022.29	261.81
10 11 16 33-0069	EA	10' x 16' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	17,166.35	261.81

10 11 16 33-0070 Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards (10 11 16 33-0051)

10 11 16 33-0071	EA	10' x 4' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	17,331.10	232.73
10 11 16 33-0072	EA	10' x 5' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	18,110.29	232.73
10 11 16 33-0073	EA	10' x 6' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	18,508.64	240.00
10 11 16 33-0074	EA	10' x 8' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	19,294.14	240.00
10 11 16 33-0075	EA	10' x 10' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	20,124.69	247.26
10 11 16 33-0076	EA	10' x 12' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	20,919.65	247.26
10 11 16 33-0077	EA	10' x 14' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	22,555.50	261.81
10 11 16 33-0078	EA	10' x 16' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	22,820.48	261.81

Specialties	10
Information Specialties	10 10
Visual Display Units	10 11

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 11 16 33-0079		Sliding Chalkboard And Markerboard Accessories <small>(10 11 16 33)</small> See CSI section 10 11 13 33-0079 for sliding chalkboard and markerboard accessories.		
10 11 23	Tackboards <small>(10 11)</small>			
10 11 23 13	Fixed Tackboards <small>(10 11 23)</small>			
		Note: Select task based off the square footage of an individual tackboard. For example use the >12 To 16 SF range for each 3' x 5' tackboard.		
10 11 23 13-0001	Fixed Tackboards <small>(10 11 23 13)</small>	Note: Select task based off the square footage of an individual tackboard. For example use the >12 To 16 SF range for each 3' x 5' tackboard.		
10 11 23 13-0002	Cork Surface, Fixed Tackboards <small>(10 11 23 13-0001)</small>	Note: Includes up to 1/4" cork surface, unmounted or mounted on duracore or hardboard.		
10 11 23 13-0003	5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboards (Claridge 800 Series) <small>(10 11 23 13-0002)</small>			
10 11 23 13-0004	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	33.89	9.90
10 11 23 13-0005	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	19.12	4.65
10 11 23 13-0006	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	16.57	4.02
10 11 23 13-0007	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	13.12	2.62
10 11 23 13-0008	SF	>24 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	10.60	1.45
10 11 23 13-0009	1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboards (Claridge 900A Series) <small>(10 11 23 13-0002)</small>			
10 11 23 13-0010	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	35.55	9.90
10 11 23 13-0011	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	19.90	4.65
10 11 23 13-0012	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	16.18	4.02
10 11 23 13-0013	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	12.50	2.62
10 11 23 13-0014	SF	>24 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	9.64	1.45
10 11 23 13-0015	1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboards (Claridge 700 Series) <small>(10 11 23 13-0002)</small>			
10 11 23 13-0016	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	35.73	9.90
10 11 23 13-0017	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	21.52	4.65
10 11 23 13-0018	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	19.86	4.02
10 11 23 13-0019	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	15.18	2.62
10 11 23 13-0020	SF	>24 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	11.88	1.45
10 11 23 13-0021	Burlap Backed Cork Surface, Fixed Tackboards <small>(10 11 23 13-0001)</small>	Note: Includes burlap backed 1/4" self healing cork surface, unmounted or mounted on hardboard.		
10 11 23 13-0022	5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboards (Claridge 800 Series) <small>(10 11 23 13-0021)</small>			
10 11 23 13-0023	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	38.71	9.90
10 11 23 13-0024	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	24.91	4.65
10 11 23 13-0025	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	22.69	4.02
10 11 23 13-0026	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	19.25	2.62
10 11 23 13-0027	SF	>24 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	16.84	1.45
10 11 23 13-0028	1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboards (Claridge 700 Series) <small>(10 11 23 13-0021)</small>			
10 11 23 13-0029	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	42.74	9.90
10 11 23 13-0030	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	29.21	4.65
10 11 23 13-0031	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	27.02	4.02
10 11 23 13-0032	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	22.41	2.62
10 11 23 13-0033	SF	>24 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	19.14	1.45
10 11 23 13-0034	Polyester Fabric Surface, Fixed Tackboards <small>(10 11 23 13-0001)</small>	Note: Includes polyester fabric on cork underlay, unmounted or mounted on duracore. Class A rating.		
10 11 23 13-0035	5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboards (Claridge 800 Series) <small>(10 11 23 13-0034)</small>			
10 11 23 13-0036	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	35.03	9.90
10 11 23 13-0037	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	20.53	4.65
10 11 23 13-0038	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	18.15	4.02
10 11 23 13-0039	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	14.74	2.62
10 11 23 13-0040	SF	>24 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	12.05	1.45
10 11 23 13-0041	1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboards (Claridge 700 Series) <small>(10 11 23 13-0034)</small>			
10 11 23 13-0042	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	37.31	9.90
10 11 23 13-0043	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	23.49	4.65
10 11 23 13-0044	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	21.70	4.02
10 11 23 13-0045	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	17.19	2.62
10 11 23 13-0046	SF	>24 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	13.98	1.45

10	10	Specialties
	10 10	Information Specialties
	10 11	Visual Display Units



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 11 23 13-0047			Vinyl Fabric Surface, Fixed Tackboards <small>(10 11 23 13-0001)</small> Note: Includes vinyl fabric on cork underlay, unmounted or mounted on duracore.		
10 11 23 13-0048			5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboards (Claridge 800 Series) <small>(10 11 23 13-0047)</small>		
10 11 23 13-0049	SF		Up To 6 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard.....	33.89	9.90
10 11 23 13-0050	SF		>6 To 12 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard.....	19.21	4.65
10 11 23 13-0051	SF		>12 To 16 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard.....	16.71	4.02
10 11 23 13-0052	SF		>16 To 24 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard.....	13.12	2.62
10 11 23 13-0053	SF		>24 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard.....	10.40	1.45

10 11 23 13-0054			1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboards (Claridge 700 Series) <small>(10 11 23 13-0047)</small>		
10 11 23 13-0055	SF		Up To 6 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard.....	35.73	9.90
10 11 23 13-0056	SF		>6 To 12 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard.....	22.33	4.65
10 11 23 13-0057	SF		>12 To 16 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard.....	19.86	4.02
10 11 23 13-0058	SF		>16 To 24 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard.....	15.18	2.62
10 11 23 13-0059	SF		4' x 8', 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard.....	11.88	1.45

10 12 Display Cases (10 10)

10 12 00 00-0001			Counter Display Cases <small>(10 12)</small>		
10 12 00 00-0002	EA		30" x 12" x 36" Counter Display Cases.....	1,767.97	178.27
10 12 00 00-0003	EA		30" x 12" x 48" Counter Display Cases.....	1,909.24	178.27
10 12 00 00-0004	EA		30" x 18" x 36" Counter Display Cases.....	1,851.71	178.27
10 12 00 00-0005	EA		30" x 18" x 48" Counter Display Cases.....	1,836.50	79.24
10 12 00 00-0006			Upright Display Case <small>(10 12)</small>		
10 12 00 00-0007	EA		72 In x 20 In x 70 In Upright Display Case.....	3,684.40	178.27
10 12 00 00-0008			Full Vision Display Case <small>(10 12)</small>		
10 12 00 00-0009	EA		38 In x 20 In x 70 In Full Vision Display Case.....	2,406.73	178.27

10 13 Directories (10 10)

10 13 11 Directory and Bulletin Boards (10 13)

Note: Select task based off the square footage of an individual directory or bulletin board. For example use the >12 To 16 SF range for each 3' x 5' directory or bulletin board.

10 13 11 00-0001			Wall Mounted Directories <small>(10 13 11)</small> Note: Includes changeable letters.		
10 13 11 00-0002			Open Face, Wall Mounted Directories <small>(10 13 11 00-0001)</small> Note: Includes vinyl or felt back panel.		
10 13 11 00-0003			Wood Frame, Open Face, Wall Mounted Directories (Claridge 350 Series) <small>(10 13 11 00-0002)</small>		
10 13 11 00-0004	SF		Up To 6 SF, Wood Frame, Open Face, Wall Mounted Directory.....	55.18	9.90
10 13 11 00-0005	SF		>6 To 12 SF, Wood Frame, Open Face, Wall Mounted Directory.....	35.86	4.65
10 13 11 00-0006	SF		>12 To 16 SF, Wood Frame, Open Face, Wall Mounted Directory.....	32.57	4.02
10 13 11 00-0007	SF		>16 To 24 SF, Wood Frame, Open Face, Wall Mounted Directory.....	24.81	2.62
10 13 11 00-0008	SF		>24 SF, Wood Frame, Open Face, Wall Mounted Directory.....	19.73	1.45
10 13 11 00-0009			Aluminum Frame, Open Face, Wall Mounted Directories (Claridge 432 Series) <small>(10 13 11 00-0002)</small>		
10 13 11 00-0010	SF		Up To 6 SF, Aluminum Frame, Open Face, Wall Mounted Directory..... <i>For Bronze Anodize Finish, Add</i>	55.71 12.00	9.90
10 13 11 00-0011	SF		>6 To 12 SF, Aluminum Frame, Open Face, Wall Mounted Directory..... <i>For Bronze Anodize Finish, Add</i>	36.21 12.00	4.65
10 13 11 00-0012	SF		>12 To 16 SF, Aluminum Frame, Open Face, Wall Mounted Directory..... <i>For Bronze Anodize Finish, Add</i>	33.27 12.00	4.02
10 13 11 00-0013	SF		>16 To 24 SF, Aluminum Frame, Open Face, Wall Mounted Directory..... <i>For Bronze Anodize Finish, Add</i>	23.68 12.00	2.62
10 13 11 00-0014	SF		>24 SF, Aluminum Frame, Open Face, Wall Mounted Directory..... <i>For Bronze Anodize Finish, Add</i>	20.26 12.00	1.45
10 13 11 00-0015			Glass Encased, Wall Mounted Directory Cabinets <small>(10 13 11 00-0001)</small> Note: Includes vinyl or felt back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.		
10 13 11 00-0016			Wood Frame, Glass Encased, Wall Mounted Directory Cabinets <small>(10 13 11 00-0015)</small>		
10 13 11 00-0017			Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge 3052 Series) <small>(10 13 11 00-0016)</small>		
10 13 11 00-0018	SF		Up To 6 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i>	134.22 15.00	9.90
10 13 11 00-0019	SF		>6 To 12 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i>	107.19 15.00	4.65

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 13 11 00-0020	SF			>12 To 16 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i>	89.79 15.00	4.02
10 13 11 00-0021	SF			>16 To 24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i>	83.00 15.00	2.62
10 13 11 00-0022	SF			>24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i>	74.94 15.00	1.45
10 13 11 00-0023				Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge 345 Series) <small>(10 13 11 00-0016)</small>		
10 13 11 00-0024	SF			Up To 12 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i>	115.65 15.00	9.90
10 13 11 00-0025	SF			>12 To 16 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i>	92.71 15.00	4.02
10 13 11 00-0026	SF			>16 To 24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i>	66.44 15.00	2.62
10 13 11 00-0027	SF			>24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i>	59.69 15.00	1.45
10 13 11 00-0028				Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets <small>(10 13 11 00-0015)</small>		
10 13 11 00-0029				Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge Contemporary Series) <small>(10 13 11 00-0028)</small>		
10 13 11 00-0030	SF			Up To 6 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	120.29 15.00 12.00 20.10	9.90
10 13 11 00-0031	SF			>6 To 12 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	92.74 15.00 12.00 16.69	4.65
10 13 11 00-0032	SF			>12 To 16 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	78.50 15.00 12.00 14.09	4.02
10 13 11 00-0033	SF			>16 To 24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	57.64 15.00 12.00 10.48	2.62
10 13 11 00-0034	SF			>24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	53.65 15.00 12.00 10.15	1.45
10 13 11 00-0035				Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge Contemporary Series) <small>(10 13 11 00-0028)</small>		
10 13 11 00-0036	SF			Up To 6 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	184.62 15.00 12.00 32.97	9.90
10 13 11 00-0037	SF			>6 To 12 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	107.12 15.00 12.00 19.56	4.65
10 13 11 00-0038	SF			>12 To 16 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	90.26 15.00 12.00 16.45	4.02
10 13 11 00-0039	SF			>16 To 24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	69.51 15.00 12.00 12.86	2.62
10 13 11 00-0040	SF			>24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	64.17 15.00 12.00 12.25	1.45
10 13 11 00-0041				Outdoor, Glass Encased, Wall Mounted Directory Cabinets <small>(10 13 11 00-0001)</small> Note: Includes vinyl or felt back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.		
10 13 11 00-0042				Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Directory Cabinets <small>(10 13 11 00-0041)</small>		
10 13 11 00-0043				Hinged Door, Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Directory Cabinets (Claridge 548 Series) <small>(10 13 11 00-0042)</small>		
10 13 11 00-0044	SF			Up To 6 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i>	181.37 15.00 12.00	9.90
10 13 11 00-0045	SF			>6 To 12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i>	120.87 15.00 12.00	4.65

10	10 Specialties
	10 10 Information Specialties
	10 13 Directories



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 13 11 00-0046	SF		>12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i>	117.39 15.00 12.00	4.02
10 13 11 00-0047			Wall Mounted Bulletin Boards <small>(10 13 11)</small>		
10 13 11 00-0048			Glass Encased, Wall Mounted Bulletin Board Cabinets <small>(10 13 11 00-0047)</small> Note: Includes cork, fabric or hook-fab back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.		
10 13 11 00-0049			Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets <small>(10 13 11 00-0048)</small>		
10 13 11 00-0050			Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge 3070 Series) <small>(10 13 11 00-0049)</small>		
10 13 11 00-0051	SF		Up To 6 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet <i>For Fluorescent Lights, Add</i>	131.07 15.00	9.90
10 13 11 00-0052	SF		>6 To 12 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet..... <i>For Fluorescent Lights, Add</i>	104.82 15.00	4.65
10 13 11 00-0053	SF		>12 To 16 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet..... <i>For Fluorescent Lights, Add</i>	87.42 15.00	4.02
10 13 11 00-0054	SF		>16 To 24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet..... <i>For Fluorescent Lights, Add</i>	80.77 15.00	2.62
10 13 11 00-0055	SF		>24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet..... <i>For Fluorescent Lights, Add</i>	73.89 15.00	1.45
10 13 11 00-0056			Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge 310 Series) <small>(10 13 11 00-0049)</small>		
10 13 11 00-0057	SF		Up To 12 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet..... <i>For Fluorescent Lights, Add</i>	110.04 15.00	9.90
10 13 11 00-0058	SF		>12 To 16 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet..... <i>For Fluorescent Lights, Add</i>	87.39 15.00	4.02
10 13 11 00-0059	SF		>16 To 24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet..... <i>For Fluorescent Lights, Add</i>	62.32 15.00	2.62
10 13 11 00-0060	SF		>24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet..... <i>For Fluorescent Lights, Add</i>	56.54 15.00	1.45
10 13 11 00-0061			Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets <small>(10 13 11 00-0048)</small>		
10 13 11 00-0062			Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge Contemporary Series) <small>(10 13 11 00-0061)</small>		
10 13 11 00-0063	SF		Up To 6 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	123.18 15.00 12.00 20.68	9.90
10 13 11 00-0064	SF		>6 To 12 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	95.62 15.00 12.00 17.26	4.65
10 13 11 00-0065	SF		>12 To 16 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	81.37 15.00 12.00 14.67	4.02
10 13 11 00-0066	SF		>16 To 24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	60.52 15.00 12.00 11.06	2.62
10 13 11 00-0067	SF		>24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	56.54 15.00 12.00 10.73	1.45
10 13 11 00-0068			Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge Contemporary Series) <small>(10 13 11 00-0061)</small>		
10 13 11 00-0069	SF		Up To 6 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	187.50 15.00 12.00 33.54	9.90
10 13 11 00-0070	SF		>6 To 12 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	109.99 15.00 12.00 20.14	4.65
10 13 11 00-0071	SF		>12 To 16 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	93.14 15.00 12.00 17.02	4.02
10 13 11 00-0072	SF		>16 To 24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	72.40 15.00 12.00 13.43	2.62
10 13 11 00-0073	SF		>24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	67.05 15.00 12.00 12.83	1.45

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 13 11 00-0074	Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets <small>(10 13 11 00-0047)</small> Note: Includes cork, fabric or hook-fab back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.		
10 13 11 00-0075	Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets <small>(10 13 11 00-0074)</small>		
10 13 11 00-0076	Hinged Door, Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets <small>(10 13 11 00-0075)</small>		
10 13 11 00-0077	SF Up To 6 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i>	178.49 15.00 12.00	9.90
10 13 11 00-0078	SF >6 To 12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i>	117.99 15.00 12.00	4.65
10 13 11 00-0079	SF >12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i>	114.54 15.00 12.00	4.02

10 14 Signage (10 10)

Note: Where required, signage excludes electrical connection, disconnect, or terminations unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection wiring, 26 05 83 00-0130 for terminations.

10 14 19 Dimensional Letter Signage (10 14)

Note: Mounted on masonry or concrete.

10 14 19 00-0001	Cast Characters <small>(10 14 19)</small> Note: Any font.		
10 14 19 00-0002	Satin Finish, Cast Aluminum Characters <small>(10 14 19 00-0001)</small>		
10 14 19 00-0003	EA 2" High x 3/8" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Patina Finish, Add</i> <i>For Color Anodized, Add</i>	50.35 -5.43 2.13 6.38 8.51 10.64	7.27
10 14 19 00-0004	EA 3" High x 1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Patina Finish, Add</i> <i>For Color Anodized, Add</i>	59.22 -6.10 2.78 8.34 11.12 13.91	7.85
10 14 19 00-0005	EA 4" High x 5/8" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Patina Finish, Add</i> <i>For Color Anodized, Add</i>	64.81 -6.61 3.11 9.32 12.43 15.54	8.43
10 14 19 00-0006	EA 5" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Patina Finish, Add</i> <i>For Color Anodized, Add</i>	74.38 -7.56 3.60 10.80 14.40 18.00	9.65
10 14 19 00-0007	EA 6" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Patina Finish, Add</i> <i>For Color Anodized, Add</i>	81.61 -8.15 4.09 12.27 16.36 20.45	10.17
10 14 19 00-0008	EA 8" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Patina Finish, Add</i> <i>For Color Anodized, Add</i>	97.24 -9.52 5.07 15.21 20.28 25.36	11.63
10 14 19 00-0009	EA 9" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Patina Finish, Add</i> <i>For Color Anodized, Add</i>	107.74 -10.27 5.89 17.67 23.56 29.45	12.22
10 14 19 00-0010	EA 10" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Patina Finish, Add</i> <i>For Color Anodized, Add</i>	122.68 -11.37 7.03 21.10 28.14 35.17	13.08
10 14 19 00-0011	EA 12" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Patina Finish, Add</i> <i>For Color Anodized, Add</i>	148.83 -13.49 8.83 26.50 35.34 44.17	15.12

10 Specialties
10 10 Information Specialties
10 14 Signage



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0012	EA		14" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	177.76	17.45
			<i>For Installation With Adhesive, Deduct</i>	-15.87	
			<i>For Clear Anodized, Add</i>	10.80	
			<i>For Satin Face And Enameled Return, Add</i>	32.39	
			<i>For Patina Finish, Add</i>	43.19	
			<i>For Color Anodized, Add</i>	53.99	
10 14 19 00-0013	EA		15" High x 1-1/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	195.36	19.39
			<i>For Installation With Adhesive, Deduct</i>	-17.53	
			<i>For Clear Anodized, Add</i>	11.78	
			<i>For Satin Face And Enameled Return, Add</i>	35.33	
			<i>For Patina Finish, Add</i>	47.11	
			<i>For Color Anodized, Add</i>	58.89	
10 14 19 00-0014	EA		16" High x 1-1/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	217.89	20.94
			<i>For Installation With Adhesive, Deduct</i>	-19.27	
			<i>For Clear Anodized, Add</i>	13.41	
			<i>For Satin Face And Enameled Return, Add</i>	40.24	
			<i>For Patina Finish, Add</i>	53.66	
			<i>For Color Anodized, Add</i>	67.07	
10 14 19 00-0015	EA		18" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	263.18	23.26
			<i>For Installation With Adhesive, Deduct</i>	-22.46	
			<i>For Clear Anodized, Add</i>	17.01	
			<i>For Satin Face And Enameled Return, Add</i>	51.04	
			<i>For Patina Finish, Add</i>	68.05	
			<i>For Color Anodized, Add</i>	85.07	
10 14 19 00-0016	EA		20" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	317.34	26.17
			<i>For Installation With Adhesive, Deduct</i>	-26.34	
			<i>For Clear Anodized, Add</i>	21.27	
			<i>For Satin Face And Enameled Return, Add</i>	63.80	
			<i>For Patina Finish, Add</i>	85.06	
			<i>For Color Anodized, Add</i>	106.33	
10 14 19 00-0017	EA		24" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	381.32	29.08
			<i>For Installation With Adhesive, Deduct</i>	-30.70	
			<i>For Clear Anodized, Add</i>	26.50	
			<i>For Satin Face And Enameled Return, Add</i>	79.50	
			<i>For Patina Finish, Add</i>	106.00	
			<i>For Color Anodized, Add</i>	132.51	
10 14 19 00-0018			Satin Finish, Cast Bronze Characters (10 14 19 00-0001)		
10 14 19 00-0019	EA		2" High x 3/8" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	60.75	8.00
			<i>For Installation With Adhesive, Deduct</i>	-6.24	
			<i>For Oxidized Finish, Add</i>	4.31	
			<i>For Polished Or Patina Finish, Add</i>	8.63	
10 14 19 00-0020	EA		3" High x 1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	85.57	8.72
			<i>For Installation With Adhesive, Deduct</i>	-7.77	
			<i>For Oxidized Finish, Add</i>	7.60	
			<i>For Polished Or Patina Finish, Add</i>	15.20	
10 14 19 00-0021	EA		4" High x 5/8" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	93.37	9.31
			<i>For Installation With Adhesive, Deduct</i>	-8.39	
			<i>For Oxidized Finish, Add</i>	8.42	
			<i>For Polished Or Patina Finish, Add</i>	16.85	
10 14 19 00-0022	EA		5" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	113.09	10.46
			<i>For Installation With Adhesive, Deduct</i>	-9.84	
			<i>For Oxidized Finish, Add</i>	10.68	
			<i>For Polished Or Patina Finish, Add</i>	21.37	
10 14 19 00-0023	EA		6" High x 1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	125.58	11.17
			<i>For Installation With Adhesive, Deduct</i>	-10.76	
			<i>For Oxidized Finish, Add</i>	12.12	
			<i>For Polished Or Patina Finish, Add</i>	24.24	
10 14 19 00-0024	EA		8" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	166.22	12.80
			<i>For Installation With Adhesive, Deduct</i>	-13.43	
			<i>For Oxidized Finish, Add</i>	17.26	
			<i>For Polished Or Patina Finish, Add</i>	34.51	
10 14 19 00-0025	EA		9" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	189.08	13.37
			<i>For Installation With Adhesive, Deduct</i>	-14.80	
			<i>For Oxidized Finish, Add</i>	20.34	
			<i>For Polished Or Patina Finish, Add</i>	40.67	
10 14 19 00-0026	EA		10" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	211.55	14.54
			<i>For Installation With Adhesive, Deduct</i>	-16.39	
			<i>For Oxidized Finish, Add</i>	23.01	
			<i>For Polished Or Patina Finish, Add</i>	46.02	
10 14 19 00-0027	EA		12" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	250.98	16.86
			<i>For Installation With Adhesive, Deduct</i>	-19.30	
			<i>For Oxidized Finish, Add</i>	27.53	
			<i>For Polished Or Patina Finish, Add</i>	55.06	
10 14 19 00-0028	EA		14" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	294.53	19.19
			<i>For Installation With Adhesive, Deduct</i>	-22.40	
			<i>For Oxidized Finish, Add</i>	32.66	
			<i>For Polished Or Patina Finish, Add</i>	65.33	
10 14 19 00-0029	EA		15" High x 1-1/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	349.15	23.26
			<i>For Installation With Adhesive, Deduct</i>	-26.76	
			<i>For Oxidized Finish, Add</i>	38.42	
			<i>For Polished Or Patina Finish, Add</i>	76.83	
10 14 19 00-0030	EA		16" High x 1-1/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	362.98	25.01
			<i>For Installation With Adhesive, Deduct</i>	-28.15	
			<i>For Oxidized Finish, Add</i>	39.44	
			<i>For Polished Or Patina Finish, Add</i>	78.89	
10 14 19 00-0031	EA		18" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	512.10	29.08
			<i>For Installation With Adhesive, Deduct</i>	-37.24	
			<i>For Oxidized Finish, Add</i>	59.37	
			<i>For Polished Or Patina Finish, Add</i>	118.74	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 14 19 00-0032	EA			20" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	615.66	32.72
				<i>For Installation With Adhesive, Deduct</i>	-43.87	
				<i>For Oxidized Finish, Add</i>	72.72	
				<i>For Polished Or Patina Finish, Add</i>	145.44	
10 14 19 00-0033	EA			24" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	781.19	37.80
				<i>For Installation With Adhesive, Deduct</i>	-54.18	
				<i>For Oxidized Finish, Add</i>	94.50	
				<i>For Polished Or Patina Finish, Add</i>	188.99	
10 14 19 00-0034	Molded Characters <small>(10 14 19)</small>					
	Note: Any font.					
10 14 19 00-0035	Molded Plastic Characters <small>(10 14 19 00-0034)</small>					
10 14 19 00-0036	EA			4" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	35.56	5.82
				<i>For Installation With Adhesive, Deduct</i>	-4.10	
10 14 19 00-0037	EA			5" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	38.64	6.40
				<i>For Installation With Adhesive, Deduct</i>	-4.49	
10 14 19 00-0038	EA			6" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	42.56	6.98
				<i>For Installation With Adhesive, Deduct</i>	-4.92	
10 14 19 00-0039	EA			8" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	52.75	7.56
				<i>For Installation With Adhesive, Deduct</i>	-5.66	
10 14 19 00-0040	EA			9" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	56.97	8.14
				<i>For Installation With Adhesive, Deduct</i>	-6.11	
10 14 19 00-0041	EA			10" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	61.58	8.72
				<i>For Installation With Adhesive, Deduct</i>	-6.57	
10 14 19 00-0042	EA			12" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	71.78	10.17
				<i>For Installation With Adhesive, Deduct</i>	-7.66	
10 14 19 00-0043	EA			15" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	93.80	12.80
				<i>For Installation With Adhesive, Deduct</i>	-9.81	
10 14 19 00-0044	EA			18" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	117.94	15.12
				<i>For Installation With Adhesive, Deduct</i>	-11.95	
10 14 19 00-0045	EA			24" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	169.78	18.61
				<i>For Installation With Adhesive, Deduct</i>	-15.93	
10 14 19 00-0046	EA			30" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	244.64	21.81
				<i>For Installation With Adhesive, Deduct</i>	-20.96	
10 14 19 00-0047	EA			36" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	316.54	25.01
				<i>For Installation With Adhesive, Deduct</i>	-25.83	
10 14 19 00-0048	EA			48" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	574.98	33.44
				<i>For Installation With Adhesive, Deduct</i>	-42.13	
10 14 19 00-0049	Cutout Characters <small>(10 14 19)</small>					
	Note: Any font.					
10 14 19 00-0050	Satin Finish, Aluminum Characters <small>(10 14 19 00-0049)</small>					
10 14 19 00-0051	1/4" Deep, Satin Finish, Aluminum Characters <small>(10 14 19 00-0050)</small>					
10 14 19 00-0052	EA			2" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	47.07	7.27
				<i>For Installation With Adhesive, Deduct</i>	-5.26	
				<i>For Clear Anodized, Add</i>	1.80	
				<i>For Satin Face And Enameled Return, Add</i>	6.30	
				<i>For Color Anodized, Add</i>	9.00	
				<i>For Polished Or Patina Finish, Add</i>	9.00	
				<i>For Polished Anodized Finish, Add</i>	13.49	
10 14 19 00-0053	EA			4" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	64.81	8.43
				<i>For Installation With Adhesive, Deduct</i>	-6.61	
				<i>For Clear Anodized, Add</i>	3.11	
				<i>For Satin Face And Enameled Return, Add</i>	10.88	
				<i>For Color Anodized, Add</i>	15.54	
				<i>For Polished Or Patina Finish, Add</i>	15.54	
				<i>For Polished Anodized Finish, Add</i>	23.31	
10 14 19 00-0054	EA			6" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	86.51	10.17
				<i>For Installation With Adhesive, Deduct</i>	-8.40	
				<i>For Clear Anodized, Add</i>	4.58	
				<i>For Satin Face And Enameled Return, Add</i>	16.03	
				<i>For Color Anodized, Add</i>	22.90	
				<i>For Polished Or Patina Finish, Add</i>	22.90	
				<i>For Polished Anodized Finish, Add</i>	34.35	
10 14 19 00-0055	EA			8" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	105.42	11.63
				<i>For Installation With Adhesive, Deduct</i>	-9.92	
				<i>For Clear Anodized, Add</i>	5.89	
				<i>For Satin Face And Enameled Return, Add</i>	20.61	
				<i>For Color Anodized, Add</i>	29.45	
				<i>For Polished Or Patina Finish, Add</i>	29.45	
				<i>For Polished Anodized Finish, Add</i>	44.17	
10 14 19 00-0056	EA			10" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	121.05	13.08
				<i>For Installation With Adhesive, Deduct</i>	-11.29	
				<i>For Clear Anodized, Add</i>	6.87	
				<i>For Satin Face And Enameled Return, Add</i>	24.05	
				<i>For Color Anodized, Add</i>	34.36	
				<i>For Polished Or Patina Finish, Add</i>	34.36	
				<i>For Polished Anodized Finish, Add</i>	51.53	
10 14 19 00-0057	EA			12" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	139.01	15.12
				<i>For Installation With Adhesive, Deduct</i>	-13.00	
				<i>For Clear Anodized, Add</i>	7.85	
				<i>For Satin Face And Enameled Return, Add</i>	27.48	
				<i>For Color Anodized, Add</i>	39.26	
				<i>For Polished Or Patina Finish, Add</i>	39.26	
				<i>For Polished Anodized Finish, Add</i>	58.89	

10 Specialties

10 10 Information Specialties

10 14 Signage

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

10 14 19 00-0058	EA	14" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	163.03	17.45
		<i>For Installation With Adhesive, Deduct</i>	-15.13	
		<i>For Clear Anodized, Add</i>	9.32	
		<i>For Satin Face And Enameled Return, Add</i>	32.63	
		<i>For Color Anodized, Add</i>	46.62	
		<i>For Polished Or Patina Finish, Add</i>	46.62	
		<i>For Polished Anodized Finish, Add</i>	69.93	
10 14 19 00-0059	EA	16" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	193.35	20.94
		<i>For Installation With Adhesive, Deduct</i>	-18.04	
		<i>For Clear Anodized, Add</i>	10.96	
		<i>For Satin Face And Enameled Return, Add</i>	38.36	
		<i>For Color Anodized, Add</i>	54.80	
		<i>For Polished Or Patina Finish, Add</i>	54.80	
		<i>For Polished Anodized Finish, Add</i>	82.20	
10 14 19 00-0060	EA	18" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	217.38	23.26
		<i>For Installation With Adhesive, Deduct</i>	-20.17	
		<i>For Clear Anodized, Add</i>	12.43	
		<i>For Satin Face And Enameled Return, Add</i>	43.52	
		<i>For Color Anodized, Add</i>	62.17	
		<i>For Polished Or Patina Finish, Add</i>	62.17	
		<i>For Polished Anodized Finish, Add</i>	93.25	
10 14 19 00-0061	EA	20" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	260.09	26.17
		<i>For Installation With Adhesive, Deduct</i>	-23.47	
		<i>For Clear Anodized, Add</i>	15.54	
		<i>For Satin Face And Enameled Return, Add</i>	54.39	
		<i>For Color Anodized, Add</i>	77.71	
		<i>For Polished Or Patina Finish, Add</i>	77.71	
		<i>For Polished Anodized Finish, Add</i>	116.56	
10 14 19 00-0062	EA	22" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	296.99	27.62
		<i>For Installation With Adhesive, Deduct</i>	-25.90	
		<i>For Clear Anodized, Add</i>	18.65	
		<i>For Satin Face And Enameled Return, Add</i>	65.27	
		<i>For Color Anodized, Add</i>	93.25	
		<i>For Polished Or Patina Finish, Add</i>	93.25	
		<i>For Polished Anodized Finish, Add</i>	139.87	
10 14 19 00-0063	EA	24" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	364.96	29.08
		<i>For Installation With Adhesive, Deduct</i>	-29.88	
		<i>For Clear Anodized, Add</i>	24.87	
		<i>For Satin Face And Enameled Return, Add</i>	87.03	
		<i>For Color Anodized, Add</i>	124.33	
		<i>For Polished Or Patina Finish, Add</i>	124.33	
		<i>For Polished Anodized Finish, Add</i>	186.49	
10 14 19 00-0064	EA	30" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	518.55	34.90
		<i>For Installation With Adhesive, Deduct</i>	-39.89	
		<i>For Clear Anodized, Add</i>	37.90	
		<i>For Satin Face And Enameled Return, Add</i>	132.64	
		<i>For Color Anodized, Add</i>	189.49	
		<i>For Polished Or Patina Finish, Add</i>	189.49	
		<i>For Polished Anodized Finish, Add</i>	284.23	
10 14 19 00-0065		3/8" Deep, Satin Finish, Aluminum Characters <small>(10 14 19 00-0050)</small>		
10 14 19 00-0066	EA	2" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	58.59	7.27
		<i>For Installation With Adhesive, Deduct</i>	-5.84	
		<i>For Clear Anodized, Add</i>	2.95	
		<i>For Satin Face And Enameled Return, Add</i>	10.33	
		<i>For Color Anodized, Add</i>	14.76	
		<i>For Polished Or Patina Finish, Add</i>	14.76	
		<i>For Polished Anodized Finish, Add</i>	22.13	
10 14 19 00-0067	EA	4" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	82.84	8.43
		<i>For Installation With Adhesive, Deduct</i>	-7.52	
		<i>For Clear Anodized, Add</i>	4.91	
		<i>For Satin Face And Enameled Return, Add</i>	17.19	
		<i>For Color Anodized, Add</i>	24.56	
		<i>For Polished Or Patina Finish, Add</i>	24.56	
		<i>For Polished Anodized Finish, Add</i>	36.83	
10 14 19 00-0068	EA	6" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	104.38	10.17
		<i>For Installation With Adhesive, Deduct</i>	-9.29	
		<i>For Clear Anodized, Add</i>	6.37	
		<i>For Satin Face And Enameled Return, Add</i>	22.28	
		<i>For Color Anodized, Add</i>	31.84	
		<i>For Polished Or Patina Finish, Add</i>	31.84	
		<i>For Polished Anodized Finish, Add</i>	47.75	
10 14 19 00-0069	EA	8" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	130.16	11.63
		<i>For Installation With Adhesive, Deduct</i>	-11.16	
		<i>For Clear Anodized, Add</i>	8.36	
		<i>For Satin Face And Enameled Return, Add</i>	29.27	
		<i>For Color Anodized, Add</i>	41.82	
		<i>For Polished Or Patina Finish, Add</i>	41.82	
		<i>For Polished Anodized Finish, Add</i>	62.72	
10 14 19 00-0070	EA	10" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	150.59	13.08
		<i>For Installation With Adhesive, Deduct</i>	-12.76	
		<i>For Clear Anodized, Add</i>	9.83	
		<i>For Satin Face And Enameled Return, Add</i>	34.39	
		<i>For Color Anodized, Add</i>	49.13	
		<i>For Polished Or Patina Finish, Add</i>	49.13	
		<i>For Polished Anodized Finish, Add</i>	73.69	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 14 19 00-0071	EA			12" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	176.70	15.12
				<i>For Installation With Adhesive, Deduct</i>	-14.88	
				<i>For Clear Anodized, Add</i>	11.62	
				<i>For Satin Face And Enameled Return, Add</i>	40.67	
				<i>For Color Anodized, Add</i>	58.11	
				<i>For Polished Or Patina Finish, Add</i>	58.11	
				<i>For Polished Anodized Finish, Add</i>	87.16	
10 14 19 00-0072	EA			14" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	206.86	17.45
				<i>For Installation With Adhesive, Deduct</i>	-17.32	
				<i>For Clear Anodized, Add</i>	13.71	
				<i>For Satin Face And Enameled Return, Add</i>	47.97	
				<i>For Color Anodized, Add</i>	68.54	
				<i>For Polished Or Patina Finish, Add</i>	68.54	
				<i>For Polished Anodized Finish, Add</i>	102.80	
10 14 19 00-0073	EA			16" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	255.83	20.94
				<i>For Installation With Adhesive, Deduct</i>	-21.17	
				<i>For Clear Anodized, Add</i>	17.21	
				<i>For Satin Face And Enameled Return, Add</i>	60.23	
				<i>For Color Anodized, Add</i>	86.04	
				<i>For Polished Or Patina Finish, Add</i>	86.04	
				<i>For Polished Anodized Finish, Add</i>	129.06	
10 14 19 00-0074	EA			18" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	295.70	23.26
				<i>For Installation With Adhesive, Deduct</i>	-24.09	
				<i>For Clear Anodized, Add</i>	20.27	
				<i>For Satin Face And Enameled Return, Add</i>	70.93	
				<i>For Color Anodized, Add</i>	101.33	
				<i>For Polished Or Patina Finish, Add</i>	101.33	
				<i>For Polished Anodized Finish, Add</i>	151.99	
10 14 19 00-0075	EA			20" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	342.45	26.17
				<i>For Installation With Adhesive, Deduct</i>	-27.59	
				<i>For Clear Anodized, Add</i>	23.78	
				<i>For Satin Face And Enameled Return, Add</i>	83.22	
				<i>For Color Anodized, Add</i>	118.89	
				<i>For Polished Or Patina Finish, Add</i>	118.89	
				<i>For Polished Anodized Finish, Add</i>	178.33	
10 14 19 00-0076	EA			22" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	382.77	27.62
				<i>For Installation With Adhesive, Deduct</i>	-30.19	
				<i>For Clear Anodized, Add</i>	27.23	
				<i>For Satin Face And Enameled Return, Add</i>	95.29	
				<i>For Color Anodized, Add</i>	136.14	
				<i>For Polished Or Patina Finish, Add</i>	136.14	
				<i>For Polished Anodized Finish, Add</i>	204.20	
10 14 19 00-0077	EA			24" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	424.64	29.08
				<i>For Installation With Adhesive, Deduct</i>	-32.86	
				<i>For Clear Anodized, Add</i>	30.83	
				<i>For Satin Face And Enameled Return, Add</i>	107.92	
				<i>For Color Anodized, Add</i>	154.17	
				<i>For Polished Or Patina Finish, Add</i>	154.17	
				<i>For Polished Anodized Finish, Add</i>	231.25	
10 14 19 00-0078	EA			30" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	581.26	34.90
				<i>For Installation With Adhesive, Deduct</i>	-43.02	
				<i>For Clear Anodized, Add</i>	44.17	
				<i>For Satin Face And Enameled Return, Add</i>	154.59	
				<i>For Color Anodized, Add</i>	220.84	
				<i>For Polished Or Patina Finish, Add</i>	220.84	
				<i>For Polished Anodized Finish, Add</i>	331.26	
10 14 19 00-0079				1/2" Deep, Satin Finish, Aluminum Characters <small>(10 14 19 00-0050)</small>		
10 14 19 00-0080	EA			2" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	71.91	7.27
				<i>For Installation With Adhesive, Deduct</i>	-6.50	
				<i>For Clear Anodized, Add</i>	4.28	
				<i>For Satin Face And Enameled Return, Add</i>	14.99	
				<i>For Color Anodized, Add</i>	21.42	
				<i>For Polished Or Patina Finish, Add</i>	21.42	
				<i>For Polished Anodized Finish, Add</i>	32.12	
10 14 19 00-0081	EA			4" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	92.47	8.43
				<i>For Installation With Adhesive, Deduct</i>	-8.00	
				<i>For Clear Anodized, Add</i>	5.87	
				<i>For Satin Face And Enameled Return, Add</i>	20.56	
				<i>For Color Anodized, Add</i>	29.37	
				<i>For Polished Or Patina Finish, Add</i>	29.37	
				<i>For Polished Anodized Finish, Add</i>	44.06	
10 14 19 00-0082	EA			6" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	115.83	10.17
				<i>For Installation With Adhesive, Deduct</i>	-9.86	
				<i>For Clear Anodized, Add</i>	7.51	
				<i>For Satin Face And Enameled Return, Add</i>	26.29	
				<i>For Color Anodized, Add</i>	37.56	
				<i>For Polished Or Patina Finish, Add</i>	37.56	
				<i>For Polished Anodized Finish, Add</i>	56.34	
10 14 19 00-0083	EA			8" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	136.63	11.63
				<i>For Installation With Adhesive, Deduct</i>	-11.48	
				<i>For Clear Anodized, Add</i>	9.01	
				<i>For Satin Face And Enameled Return, Add</i>	31.54	
				<i>For Color Anodized, Add</i>	45.05	
				<i>For Polished Or Patina Finish, Add</i>	45.05	
				<i>For Polished Anodized Finish, Add</i>	67.58	

10 Specialties
10 10 Information Specialties
10 14 Signage

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0084	EA		10" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	158.83	13.08
			<i>For Installation With Adhesive, Deduct</i>	-13.18	
			<i>For Clear Anodized, Add</i>	10.65	
			<i>For Satin Face And Enameled Return, Add</i>	37.27	
			<i>For Color Anodized, Add</i>	53.25	
			<i>For Polished Or Patina Finish, Add</i>	53.25	
			<i>For Polished Anodized Finish, Add</i>	79.87	
10 14 19 00-0085	EA		12" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	194.76	15.12
			<i>For Installation With Adhesive, Deduct</i>	-15.79	
			<i>For Clear Anodized, Add</i>	13.43	
			<i>For Satin Face And Enameled Return, Add</i>	46.99	
			<i>For Color Anodized, Add</i>	67.14	
			<i>For Polished Or Patina Finish, Add</i>	67.14	
			<i>For Polished Anodized Finish, Add</i>	100.70	
10 14 19 00-0086	EA		14" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	239.49	17.45
			<i>For Installation With Adhesive, Deduct</i>	-18.95	
			<i>For Clear Anodized, Add</i>	16.97	
			<i>For Satin Face And Enameled Return, Add</i>	59.40	
			<i>For Color Anodized, Add</i>	84.85	
			<i>For Polished Or Patina Finish, Add</i>	84.85	
			<i>For Polished Anodized Finish, Add</i>	127.28	
10 14 19 00-0087	EA		16" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	289.80	20.94
			<i>For Installation With Adhesive, Deduct</i>	-22.87	
			<i>For Clear Anodized, Add</i>	20.61	
			<i>For Satin Face And Enameled Return, Add</i>	72.12	
			<i>For Color Anodized, Add</i>	103.03	
			<i>For Polished Or Patina Finish, Add</i>	103.03	
			<i>For Polished Anodized Finish, Add</i>	154.54	
10 14 19 00-0088	EA		18" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	350.40	23.26
			<i>For Installation With Adhesive, Deduct</i>	-26.83	
			<i>For Clear Anodized, Add</i>	25.74	
			<i>For Satin Face And Enameled Return, Add</i>	90.07	
			<i>For Color Anodized, Add</i>	128.68	
			<i>For Polished Or Patina Finish, Add</i>	128.68	
			<i>For Polished Anodized Finish, Add</i>	193.01	
10 14 19 00-0089	EA		20" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	412.38	26.17
			<i>For Installation With Adhesive, Deduct</i>	-31.09	
			<i>For Clear Anodized, Add</i>	30.77	
			<i>For Satin Face And Enameled Return, Add</i>	107.70	
			<i>For Color Anodized, Add</i>	153.85	
			<i>For Polished Or Patina Finish, Add</i>	153.85	
			<i>For Polished Anodized Finish, Add</i>	230.78	
10 14 19 00-0090	EA		22" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	472.29	27.62
			<i>For Installation With Adhesive, Deduct</i>	-34.66	
			<i>For Clear Anodized, Add</i>	36.18	
			<i>For Satin Face And Enameled Return, Add</i>	126.63	
			<i>For Color Anodized, Add</i>	180.90	
			<i>For Polished Or Patina Finish, Add</i>	180.90	
			<i>For Polished Anodized Finish, Add</i>	271.34	
10 14 19 00-0091	EA		24" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	529.07	29.08
			<i>For Installation With Adhesive, Deduct</i>	-38.08	
			<i>For Clear Anodized, Add</i>	41.28	
			<i>For Satin Face And Enameled Return, Add</i>	144.47	
			<i>For Color Anodized, Add</i>	206.38	
			<i>For Polished Or Patina Finish, Add</i>	206.38	
			<i>For Polished Anodized Finish, Add</i>	309.57	
10 14 19 00-0092	EA		30" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	731.43	34.90
			<i>For Installation With Adhesive, Deduct</i>	-50.53	
			<i>For Clear Anodized, Add</i>	59.19	
			<i>For Satin Face And Enameled Return, Add</i>	207.15	
			<i>For Color Anodized, Add</i>	295.93	
			<i>For Polished Or Patina Finish, Add</i>	295.93	
			<i>For Polished Anodized Finish, Add</i>	443.89	
10 14 19 00-0093			3/4" Deep, Satin Finish, Aluminum Characters (10 14 19 00-0050)		
10 14 19 00-0094	EA		2" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	74.97	7.27
			<i>For Installation With Adhesive, Deduct</i>	-6.66	
			<i>For Clear Anodized, Add</i>	4.59	
			<i>For Satin Face And Enameled Return, Add</i>	16.06	
			<i>For Color Anodized, Add</i>	22.95	
			<i>For Polished Or Patina Finish, Add</i>	22.95	
			<i>For Polished Anodized Finish, Add</i>	34.42	
10 14 19 00-0095	EA		4" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	95.89	8.43
			<i>For Installation With Adhesive, Deduct</i>	-8.17	
			<i>For Clear Anodized, Add</i>	6.22	
			<i>For Satin Face And Enameled Return, Add</i>	21.76	
			<i>For Color Anodized, Add</i>	31.08	
			<i>For Polished Or Patina Finish, Add</i>	31.08	
			<i>For Polished Anodized Finish, Add</i>	46.62	
10 14 19 00-0096	EA		6" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	125.91	10.17
			<i>For Installation With Adhesive, Deduct</i>	-10.37	
			<i>For Clear Anodized, Add</i>	8.52	
			<i>For Satin Face And Enameled Return, Add</i>	29.82	
			<i>For Color Anodized, Add</i>	42.60	
			<i>For Polished Or Patina Finish, Add</i>	42.60	
			<i>For Polished Anodized Finish, Add</i>	63.90	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 14 19 00-0097	EA			8" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	166.08	11.63
				<i>For Installation With Adhesive, Deduct</i>	-12.96	
				<i>For Clear Anodized, Add</i>	11.96	
				<i>For Satin Face And Enameled Return, Add</i>	41.84	
				<i>For Color Anodized, Add</i>	59.78	
				<i>For Polished Or Patina Finish, Add</i>	59.78	
				<i>For Polished Anodized Finish, Add</i>	89.66	
10 14 19 00-0098	EA			10" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	207.62	13.08
				<i>For Installation With Adhesive, Deduct</i>	-15.62	
				<i>For Clear Anodized, Add</i>	15.53	
				<i>For Satin Face And Enameled Return, Add</i>	54.35	
				<i>For Color Anodized, Add</i>	77.64	
				<i>For Polished Or Patina Finish, Add</i>	77.64	
				<i>For Polished Anodized Finish, Add</i>	116.46	
10 14 19 00-0099	EA			12" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	259.93	15.12
				<i>For Installation With Adhesive, Deduct</i>	-19.05	
				<i>For Clear Anodized, Add</i>	19.94	
				<i>For Satin Face And Enameled Return, Add</i>	69.80	
				<i>For Color Anodized, Add</i>	99.72	
				<i>For Polished Or Patina Finish, Add</i>	99.72	
				<i>For Polished Anodized Finish, Add</i>	149.58	
10 14 19 00-0100	EA			14" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	323.41	17.45
				<i>For Installation With Adhesive, Deduct</i>	-23.15	
				<i>For Clear Anodized, Add</i>	25.36	
				<i>For Satin Face And Enameled Return, Add</i>	88.77	
				<i>For Color Anodized, Add</i>	126.81	
				<i>For Polished Or Patina Finish, Add</i>	126.81	
				<i>For Polished Anodized Finish, Add</i>	190.22	
10 14 19 00-0101	EA			16" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	399.41	20.94
				<i>For Installation With Adhesive, Deduct</i>	-28.35	
				<i>For Clear Anodized, Add</i>	31.57	
				<i>For Satin Face And Enameled Return, Add</i>	110.48	
				<i>For Color Anodized, Add</i>	157.83	
				<i>For Polished Or Patina Finish, Add</i>	157.83	
				<i>For Polished Anodized Finish, Add</i>	236.75	
10 14 19 00-0102	EA			18" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	487.16	23.26
				<i>For Installation With Adhesive, Deduct</i>	-33.66	
				<i>For Clear Anodized, Add</i>	39.41	
				<i>For Satin Face And Enameled Return, Add</i>	137.94	
				<i>For Color Anodized, Add</i>	197.06	
				<i>For Polished Or Patina Finish, Add</i>	197.06	
				<i>For Polished Anodized Finish, Add</i>	295.58	
10 14 19 00-0103	EA			20" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	578.67	26.17
				<i>For Installation With Adhesive, Deduct</i>	-39.40	
				<i>For Clear Anodized, Add</i>	47.40	
				<i>For Satin Face And Enameled Return, Add</i>	165.90	
				<i>For Color Anodized, Add</i>	237.00	
				<i>For Polished Or Patina Finish, Add</i>	237.00	
				<i>For Polished Anodized Finish, Add</i>	355.49	
10 14 19 00-0104	EA			22" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	669.96	27.62
				<i>For Installation With Adhesive, Deduct</i>	-44.55	
				<i>For Clear Anodized, Add</i>	55.95	
				<i>For Satin Face And Enameled Return, Add</i>	195.81	
				<i>For Color Anodized, Add</i>	279.73	
				<i>For Polished Or Patina Finish, Add</i>	279.73	
				<i>For Polished Anodized Finish, Add</i>	419.60	
10 14 19 00-0105	EA			24" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	765.29	29.08
				<i>For Installation With Adhesive, Deduct</i>	-49.90	
				<i>For Clear Anodized, Add</i>	64.90	
				<i>For Satin Face And Enameled Return, Add</i>	227.14	
				<i>For Color Anodized, Add</i>	324.49	
				<i>For Polished Or Patina Finish, Add</i>	324.49	
				<i>For Polished Anodized Finish, Add</i>	486.74	
10 14 19 00-0106	EA			30" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	1,049.44	34.90
				<i>For Installation With Adhesive, Deduct</i>	-66.43	
				<i>For Clear Anodized, Add</i>	90.99	
				<i>For Satin Face And Enameled Return, Add</i>	318.45	
				<i>For Color Anodized, Add</i>	454.93	
				<i>For Polished Or Patina Finish, Add</i>	454.93	
				<i>For Polished Anodized Finish, Add</i>	682.40	
10 14 19 00-0107				1" Deep, Satin Finish, Aluminum Characters <small>(10 14 19 00-0050)</small>		
10 14 19 00-0108	EA			2" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	83.06	7.27
				<i>For Installation With Adhesive, Deduct</i>	-7.06	
				<i>For Clear Anodized, Add</i>	5.40	
				<i>For Satin Face And Enameled Return, Add</i>	18.89	
				<i>For Color Anodized, Add</i>	26.99	
				<i>For Polished Or Patina Finish, Add</i>	26.99	
				<i>For Polished Anodized Finish, Add</i>	40.49	
10 14 19 00-0109	EA			4" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	102.42	8.43
				<i>For Installation With Adhesive, Deduct</i>	-8.49	
				<i>For Clear Anodized, Add</i>	6.87	
				<i>For Satin Face And Enameled Return, Add</i>	24.04	
				<i>For Color Anodized, Add</i>	34.35	
				<i>For Polished Or Patina Finish, Add</i>	34.35	
				<i>For Polished Anodized Finish, Add</i>	51.52	

10 Specialties
10 10 Information Specialties
10 14 Signage

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0110	EA		6" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	134.15	10.17
			<i>For Installation With Adhesive, Deduct</i>	-10.78	
			<i>For Clear Anodized, Add</i>	9.34	
			<i>For Satin Face And Enameled Return, Add</i>	32.70	
			<i>For Color Anodized, Add</i>	46.72	
			<i>For Polished Or Patina Finish, Add</i>	46.72	
			<i>For Polished Anodized Finish, Add</i>	70.08	
10 14 19 00-0111	EA		8" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	182.57	11.63
			<i>For Installation With Adhesive, Deduct</i>	-13.78	
			<i>For Clear Anodized, Add</i>	13.60	
			<i>For Satin Face And Enameled Return, Add</i>	47.61	
			<i>For Color Anodized, Add</i>	68.02	
			<i>For Polished Or Patina Finish, Add</i>	68.02	
			<i>For Polished Anodized Finish, Add</i>	102.03	
10 14 19 00-0112	EA		10" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	246.78	13.08
			<i>For Installation With Adhesive, Deduct</i>	-17.57	
			<i>For Clear Anodized, Add</i>	19.44	
			<i>For Satin Face And Enameled Return, Add</i>	68.05	
			<i>For Color Anodized, Add</i>	97.22	
			<i>For Polished Or Patina Finish, Add</i>	97.22	
			<i>For Polished Anodized Finish, Add</i>	145.83	
10 14 19 00-0113	EA		12" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	321.97	15.12
			<i>For Installation With Adhesive, Deduct</i>	-22.15	
			<i>For Clear Anodized, Add</i>	26.15	
			<i>For Satin Face And Enameled Return, Add</i>	91.52	
			<i>For Color Anodized, Add</i>	130.74	
			<i>For Polished Or Patina Finish, Add</i>	130.74	
			<i>For Polished Anodized Finish, Add</i>	196.11	
10 14 19 00-0114	EA		14" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	406.40	17.45
			<i>For Installation With Adhesive, Deduct</i>	-27.30	
			<i>For Clear Anodized, Add</i>	33.66	
			<i>For Satin Face And Enameled Return, Add</i>	117.81	
			<i>For Color Anodized, Add</i>	168.31	
			<i>For Polished Or Patina Finish, Add</i>	168.31	
			<i>For Polished Anodized Finish, Add</i>	252.46	
10 14 19 00-0115	EA		16" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	504.62	20.94
			<i>For Installation With Adhesive, Deduct</i>	-33.61	
			<i>For Clear Anodized, Add</i>	42.09	
			<i>For Satin Face And Enameled Return, Add</i>	147.30	
			<i>For Color Anodized, Add</i>	210.44	
			<i>For Polished Or Patina Finish, Add</i>	210.44	
			<i>For Polished Anodized Finish, Add</i>	315.65	
10 14 19 00-0116	EA		18" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	610.24	23.26
			<i>For Installation With Adhesive, Deduct</i>	-39.82	
			<i>For Clear Anodized, Add</i>	51.72	
			<i>For Satin Face And Enameled Return, Add</i>	181.02	
			<i>For Color Anodized, Add</i>	258.60	
			<i>For Polished Or Patina Finish, Add</i>	258.60	
			<i>For Polished Anodized Finish, Add</i>	387.89	
10 14 19 00-0117	EA		20" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	749.62	26.17
			<i>For Installation With Adhesive, Deduct</i>	-47.95	
			<i>For Clear Anodized, Add</i>	64.49	
			<i>For Satin Face And Enameled Return, Add</i>	225.73	
			<i>For Color Anodized, Add</i>	322.47	
			<i>For Polished Or Patina Finish, Add</i>	322.47	
			<i>For Polished Anodized Finish, Add</i>	483.71	
10 14 19 00-0118	EA		22" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	891.88	27.62
			<i>For Installation With Adhesive, Deduct</i>	-55.64	
			<i>For Clear Anodized, Add</i>	78.14	
			<i>For Satin Face And Enameled Return, Add</i>	273.48	
			<i>For Color Anodized, Add</i>	390.69	
			<i>For Polished Or Patina Finish, Add</i>	390.69	
			<i>For Polished Anodized Finish, Add</i>	586.04	
10 14 19 00-0119	EA		24" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	1,051.24	29.08
			<i>For Installation With Adhesive, Deduct</i>	-64.19	
			<i>For Clear Anodized, Add</i>	93.49	
			<i>For Satin Face And Enameled Return, Add</i>	327.23	
			<i>For Color Anodized, Add</i>	467.47	
			<i>For Polished Or Patina Finish, Add</i>	467.47	
			<i>For Polished Anodized Finish, Add</i>	701.20	
10 14 19 00-0120	EA		30" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	1,482.29	34.90
			<i>For Installation With Adhesive, Deduct</i>	-88.07	
			<i>For Clear Anodized, Add</i>	134.27	
			<i>For Satin Face And Enameled Return, Add</i>	469.95	
			<i>For Color Anodized, Add</i>	671.36	
			<i>For Polished Or Patina Finish, Add</i>	671.36	
			<i>For Polished Anodized Finish, Add</i>	1,007.03	
10 14 19 00-0121			Satin Finish, Brass Characters <small>(10 14 19 00-0049)</small>		
10 14 19 00-0122			1/4" Deep, Satin Finish, Brass Characters <small>(10 14 19 00-0121)</small>		
10 14 19 00-0123	EA		2" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	62.83	7.27
			<i>For Installation With Adhesive, Deduct</i>	-6.05	
			<i>For Oxidized Finish, Add</i>	5.06	
			<i>For Polished Finish, Add</i>	10.13	
10 14 19 00-0124	EA		4" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	80.70	8.43
			<i>For Installation With Adhesive, Deduct</i>	-7.41	
			<i>For Oxidized Finish, Add</i>	7.05	
			<i>For Polished Finish, Add</i>	14.09	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0125	EA		6" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	110.63 -9.60 10.49 20.98	10.17
10 14 19 00-0126	EA		8" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	144.17 -11.86 14.65 29.29	11.63
10 14 19 00-0127	EA		10" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	183.74 -14.42 19.71 39.42	13.08
10 14 19 00-0128	EA		12" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	231.67 -17.63 25.68 51.35	15.12
10 14 19 00-0129	EA		14" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	289.19 -21.44 32.91 65.82	17.45
10 14 19 00-0130	EA		16" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	352.57 -26.00 40.32 80.65	20.94
10 14 19 00-0131	EA		18" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	427.14 -30.66 50.11 100.23	23.26
10 14 19 00-0132	EA		20" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	507.31 -35.83 60.39 120.79	26.17
10 14 19 00-0133	EA		22" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	621.62 -42.13 76.67 153.34	27.62
10 14 19 00-0134	EA		24" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	681.16 -45.69 84.73 169.46	29.08
10 14 19 00-0135	EA		30" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	1,020.32 -64.97 132.11 264.22	34.90
10 14 19 00-0136			3/8" Deep, Satin Finish, Brass Characters <small>(10 14 19 00-0121)</small>		
10 14 19 00-0137	EA		2" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	74.65 -6.64 6.84 13.67	7.27
10 14 19 00-0138	EA		4" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	97.14 -8.23 9.51 19.02	8.43
10 14 19 00-0139	EA		6" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	138.59 -11.00 14.68 29.36	10.17
10 14 19 00-0140	EA		8" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	183.23 -13.81 20.51 41.01	11.63
10 14 19 00-0141	EA		10" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	242.87 -17.38 28.58 57.16	13.08
10 14 19 00-0142	EA		12" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	308.70 -21.48 37.23 74.46	15.12
10 14 19 00-0143	EA		14" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	387.91 -26.37 47.72 95.44	17.45
10 14 19 00-0144	EA		16" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	460.10 -31.38 56.45 112.91	20.94
10 14 19 00-0145	EA		18" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	577.48 -38.18 72.66 145.33	23.26
10 14 19 00-0146	EA		20" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	668.36 -43.89 84.55 169.10	26.17

10 Specialties**10 10 Information Specialties****10 14 Signage**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0147	EA		22" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	820.96	27.62
			<i>For Installation With Adhesive, Deduct</i>	-52.10	
			<i>For Oxidized Finish, Add</i>	106.57	
			<i>For Polished Finish, Add</i>	213.14	
10 14 19 00-0148	EA		24" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	935.34	29.08
			<i>For Installation With Adhesive, Deduct</i>	-58.40	
			<i>For Oxidized Finish, Add</i>	122.85	
			<i>For Polished Finish, Add</i>	245.71	
10 14 19 00-0149	EA		30" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,293.35	34.90
			<i>For Installation With Adhesive, Deduct</i>	-78.63	
			<i>For Oxidized Finish, Add</i>	173.07	
			<i>For Polished Finish, Add</i>	346.13	
10 14 19 00-0150			1/2" Deep, Satin Finish, Brass Characters <small>(10 14 19 00-0121)</small>		
10 14 19 00-0151	EA		2" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	93.21	7.27
			<i>For Installation With Adhesive, Deduct</i>	-7.57	
			<i>For Oxidized Finish, Add</i>	9.62	
			<i>For Polished Finish, Add</i>	19.24	
10 14 19 00-0152	EA		4" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	120.62	8.43
			<i>For Installation With Adhesive, Deduct</i>	-9.40	
			<i>For Oxidized Finish, Add</i>	13.03	
			<i>For Polished Finish, Add</i>	26.07	
10 14 19 00-0153	EA		6" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	173.55	10.17
			<i>For Installation With Adhesive, Deduct</i>	-12.75	
			<i>For Oxidized Finish, Add</i>	19.93	
			<i>For Polished Finish, Add</i>	39.85	
10 14 19 00-0154	EA		8" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	236.93	11.63
			<i>For Installation With Adhesive, Deduct</i>	-16.50	
			<i>For Oxidized Finish, Add</i>	28.56	
			<i>For Polished Finish, Add</i>	57.12	
10 14 19 00-0155	EA		10" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	328.27	13.08
			<i>For Installation With Adhesive, Deduct</i>	-21.65	
			<i>For Oxidized Finish, Add</i>	41.39	
			<i>For Polished Finish, Add</i>	82.78	
10 14 19 00-0156	EA		12" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	437.08	15.12
			<i>For Installation With Adhesive, Deduct</i>	-27.90	
			<i>For Oxidized Finish, Add</i>	56.49	
			<i>For Polished Finish, Add</i>	112.98	
10 14 19 00-0157	EA		14" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	541.49	17.45
			<i>For Installation With Adhesive, Deduct</i>	-34.05	
			<i>For Oxidized Finish, Add</i>	70.76	
			<i>For Polished Finish, Add</i>	141.51	
10 14 19 00-0158	EA		16" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	645.59	20.94
			<i>For Installation With Adhesive, Deduct</i>	-40.65	
			<i>For Oxidized Finish, Add</i>	84.28	
			<i>For Polished Finish, Add</i>	168.55	
10 14 19 00-0159	EA		18" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	878.16	23.26
			<i>For Installation With Adhesive, Deduct</i>	-53.21	
			<i>For Oxidized Finish, Add</i>	117.77	
			<i>For Polished Finish, Add</i>	235.53	
10 14 19 00-0160	EA		20" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	990.46	26.17
			<i>For Installation With Adhesive, Deduct</i>	-59.99	
			<i>For Oxidized Finish, Add</i>	132.87	
			<i>For Polished Finish, Add</i>	265.73	
10 14 19 00-0161	EA		22" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,234.97	27.62
			<i>For Installation With Adhesive, Deduct</i>	-72.80	
			<i>For Oxidized Finish, Add</i>	168.67	
			<i>For Polished Finish, Add</i>	337.34	
10 14 19 00-0162	EA		24" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,443.71	29.08
			<i>For Installation With Adhesive, Deduct</i>	-83.82	
			<i>For Oxidized Finish, Add</i>	199.11	
			<i>For Polished Finish, Add</i>	398.22	
10 14 19 00-0163	EA		30" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	2,174.09	34.90
			<i>For Installation With Adhesive, Deduct</i>	-122.66	
			<i>For Oxidized Finish, Add</i>	305.18	
			<i>For Polished Finish, Add</i>	610.35	
10 14 19 00-0164			3/4" Deep, Satin Finish, Brass Characters <small>(10 14 19 00-0121)</small>		
10 14 19 00-0165	EA		2" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	113.46	7.27
			<i>For Installation With Adhesive, Deduct</i>	-8.58	
			<i>For Oxidized Finish, Add</i>	12.66	
			<i>For Polished Finish, Add</i>	25.31	
10 14 19 00-0166	EA		4" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	158.19	8.43
			<i>For Installation With Adhesive, Deduct</i>	-11.28	
			<i>For Oxidized Finish, Add</i>	18.67	
			<i>For Polished Finish, Add</i>	37.34	
10 14 19 00-0167	EA		6" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	215.50	10.17
			<i>For Installation With Adhesive, Deduct</i>	-14.85	
			<i>For Oxidized Finish, Add</i>	26.22	
			<i>For Polished Finish, Add</i>	52.44	
10 14 19 00-0168	EA		8" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	290.64	11.63
			<i>For Installation With Adhesive, Deduct</i>	-19.19	
			<i>For Oxidized Finish, Add</i>	36.62	
			<i>For Polished Finish, Add</i>	73.23	
10 14 19 00-0169	EA		10" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	393.97	13.08
			<i>For Installation With Adhesive, Deduct</i>	-24.93	
			<i>For Oxidized Finish, Add</i>	51.24	
			<i>For Polished Finish, Add</i>	102.49	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0170	EA		12" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	539.79	15.12
			<i>For Installation With Adhesive, Deduct</i>	-33.04	
			<i>For Oxidized Finish, Add</i>	71.90	
			<i>For Polished Finish, Add</i>	143.79	
10 14 19 00-0171	EA		14" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	673.13	17.45
			<i>For Installation With Adhesive, Deduct</i>	-40.64	
			<i>For Oxidized Finish, Add</i>	90.50	
			<i>For Polished Finish, Add</i>	181.00	
10 14 19 00-0172	EA		16" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	785.37	20.94
			<i>For Installation With Adhesive, Deduct</i>	-47.64	
			<i>For Oxidized Finish, Add</i>	105.24	
			<i>For Polished Finish, Add</i>	210.49	
10 14 19 00-0173	EA		18" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,045.20	23.26
			<i>For Installation With Adhesive, Deduct</i>	-61.57	
			<i>For Oxidized Finish, Add</i>	142.82	
			<i>For Polished Finish, Add</i>	285.65	
10 14 19 00-0174	EA		20" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,143.46	26.17
			<i>For Installation With Adhesive, Deduct</i>	-67.64	
			<i>For Oxidized Finish, Add</i>	155.82	
			<i>For Polished Finish, Add</i>	311.63	
10 14 19 00-0175	EA		22" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,449.64	27.62
			<i>For Installation With Adhesive, Deduct</i>	-83.53	
			<i>For Oxidized Finish, Add</i>	200.87	
			<i>For Polished Finish, Add</i>	401.74	
10 14 19 00-0176	EA		24" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,839.10	29.08
			<i>For Installation With Adhesive, Deduct</i>	-103.59	
			<i>For Oxidized Finish, Add</i>	258.42	
			<i>For Polished Finish, Add</i>	516.84	
10 14 19 00-0177	EA		30" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	2,773.00	34.90
			<i>For Installation With Adhesive, Deduct</i>	-152.61	
			<i>For Oxidized Finish, Add</i>	395.01	
			<i>For Polished Finish, Add</i>	790.03	
10 14 19 00-0178			Satin Finish, Bronze Characters <small>(10 14 19 00-0049)</small>		
10 14 19 00-0179			1/4" Deep, Satin Finish, Bronze Characters <small>(10 14 19 00-0178)</small>		
10 14 19 00-0180	EA		2" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	66.36	7.27
			<i>For Installation With Adhesive, Deduct</i>	-6.23	
			<i>For Oxidized Finish, Add</i>	5.59	
			<i>For Polished Or Patina Finish, Add</i>	11.18	
10 14 19 00-0181	EA		4" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	85.66	8.43
			<i>For Installation With Adhesive, Deduct</i>	-7.66	
			<i>For Oxidized Finish, Add</i>	7.79	
			<i>For Polished Or Patina Finish, Add</i>	15.58	
10 14 19 00-0182	EA		6" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	117.94	10.17
			<i>For Installation With Adhesive, Deduct</i>	-9.97	
			<i>For Oxidized Finish, Add</i>	11.58	
			<i>For Polished Or Patina Finish, Add</i>	23.17	
10 14 19 00-0183	EA		8" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	154.38	11.63
			<i>For Installation With Adhesive, Deduct</i>	-12.37	
			<i>For Oxidized Finish, Add</i>	16.18	
			<i>For Polished Or Patina Finish, Add</i>	32.36	
10 14 19 00-0184	EA		10" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	197.47	13.08
			<i>For Installation With Adhesive, Deduct</i>	-15.11	
			<i>For Oxidized Finish, Add</i>	21.77	
			<i>For Polished Or Patina Finish, Add</i>	43.54	
10 14 19 00-0185	EA		12" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	249.56	15.12
			<i>For Installation With Adhesive, Deduct</i>	-18.53	
			<i>For Oxidized Finish, Add</i>	28.36	
			<i>For Polished Or Patina Finish, Add</i>	56.72	
10 14 19 00-0186	EA		14" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	312.12	17.45
			<i>For Installation With Adhesive, Deduct</i>	-22.59	
			<i>For Oxidized Finish, Add</i>	36.35	
			<i>For Polished Or Patina Finish, Add</i>	72.70	
10 14 19 00-0187	EA		16" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	387.33	20.94
			<i>For Installation With Adhesive, Deduct</i>	-27.74	
			<i>For Oxidized Finish, Add</i>	45.54	
			<i>For Polished Or Patina Finish, Add</i>	91.07	
10 14 19 00-0188	EA		18" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	463.20	23.26
			<i>For Installation With Adhesive, Deduct</i>	-32.47	
			<i>For Oxidized Finish, Add</i>	55.52	
			<i>For Polished Or Patina Finish, Add</i>	111.05	
10 14 19 00-0189	EA		20" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	549.40	26.17
			<i>For Installation With Adhesive, Deduct</i>	-37.94	
			<i>For Oxidized Finish, Add</i>	66.71	
			<i>For Polished Or Patina Finish, Add</i>	133.42	
10 14 19 00-0190	EA		22" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	640.43	27.62
			<i>For Installation With Adhesive, Deduct</i>	-43.07	
			<i>For Oxidized Finish, Add</i>	79.49	
			<i>For Polished Or Patina Finish, Add</i>	158.98	
10 14 19 00-0191	EA		24" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	740.78	29.08
			<i>For Installation With Adhesive, Deduct</i>	-48.67	
			<i>For Oxidized Finish, Add</i>	93.67	
			<i>For Polished Or Patina Finish, Add</i>	187.34	
10 14 19 00-0192	EA		30" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,122.22	34.90
			<i>For Installation With Adhesive, Deduct</i>	-70.07	
			<i>For Oxidized Finish, Add</i>	147.40	
			<i>For Polished Or Patina Finish, Add</i>	294.79	

10 Specialties
10 10 Information Specialties
10 14 Signage



MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

10 14 19 00-0193	3/8" Deep, Satin Finish, Bronze Characters (10 14 19 00-0178)		
10 14 19 00-0194	EA 2" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	78.29	7.27
	For Installation With Adhesive, Deduct	-6.82	
	For Oxidized Finish, Add	7.38	
	For Polished Or Patina Finish, Add	14.76	
10 14 19 00-0195	EA 4" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	101.76	8.43
	For Installation With Adhesive, Deduct	-8.46	
	For Oxidized Finish, Add	10.20	
	For Polished Or Patina Finish, Add	20.41	
10 14 19 00-0196	EA 6" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	147.28	10.17
	For Installation With Adhesive, Deduct	-11.44	
	For Oxidized Finish, Add	15.99	
	For Polished Or Patina Finish, Add	31.97	
10 14 19 00-0197	EA 8" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	194.29	11.63
	For Installation With Adhesive, Deduct	-14.37	
	For Oxidized Finish, Add	22.16	
	For Polished Or Patina Finish, Add	44.33	
10 14 19 00-0198	EA 10" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	262.78	13.08
	For Installation With Adhesive, Deduct	-18.37	
	For Oxidized Finish, Add	31.57	
	For Polished Or Patina Finish, Add	63.13	
10 14 19 00-0199	EA 12" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	332.75	15.12
	For Installation With Adhesive, Deduct	-22.69	
	For Oxidized Finish, Add	40.84	
	For Polished Or Patina Finish, Add	81.68	
10 14 19 00-0200	EA 14" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	416.32	17.45
	For Installation With Adhesive, Deduct	-27.80	
	For Oxidized Finish, Add	51.98	
	For Polished Or Patina Finish, Add	103.96	
10 14 19 00-0201	EA 16" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	514.83	20.94
	For Installation With Adhesive, Deduct	-34.12	
	For Oxidized Finish, Add	64.66	
	For Polished Or Patina Finish, Add	129.32	
10 14 19 00-0202	EA 18" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	622.37	23.26
	For Installation With Adhesive, Deduct	-40.42	
	For Oxidized Finish, Add	79.40	
	For Polished Or Patina Finish, Add	158.80	
10 14 19 00-0203	EA 20" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	740.63	26.17
	For Installation With Adhesive, Deduct	-47.50	
	For Oxidized Finish, Add	95.39	
	For Polished Or Patina Finish, Add	190.79	
10 14 19 00-0204	EA 22" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	868.30	27.62
	For Installation With Adhesive, Deduct	-54.47	
	For Oxidized Finish, Add	113.67	
	For Polished Or Patina Finish, Add	227.34	
10 14 19 00-0205	EA 24" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	984.32	29.08
	For Installation With Adhesive, Deduct	-60.85	
	For Oxidized Finish, Add	130.20	
	For Polished Or Patina Finish, Add	260.40	
10 14 19 00-0206	EA 30" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,348.23	34.90
	For Installation With Adhesive, Deduct	-81.37	
	For Oxidized Finish, Add	181.30	
	For Polished Or Patina Finish, Add	362.60	
10 14 19 00-0207	1/2" Deep, Satin Finish, Bronze Characters (10 14 19 00-0178)		
10 14 19 00-0208	EA 2" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	80.90	7.27
	For Installation With Adhesive, Deduct	-6.95	
	For Oxidized Finish, Add	7.77	
	For Polished Or Patina Finish, Add	15.55	
10 14 19 00-0209	EA 4" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	120.45	8.43
	For Installation With Adhesive, Deduct	-9.40	
	For Oxidized Finish, Add	13.01	
	For Polished Or Patina Finish, Add	26.02	
10 14 19 00-0210	EA 6" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	171.22	10.17
	For Installation With Adhesive, Deduct	-12.63	
	For Oxidized Finish, Add	19.58	
	For Polished Or Patina Finish, Add	39.15	
10 14 19 00-0211	EA 8" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	235.27	11.63
	For Installation With Adhesive, Deduct	-16.42	
	For Oxidized Finish, Add	28.31	
	For Polished Or Patina Finish, Add	56.62	
10 14 19 00-0212	EA 10" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	320.83	13.08
	For Installation With Adhesive, Deduct	-21.28	
	For Oxidized Finish, Add	40.27	
	For Polished Or Patina Finish, Add	80.55	
10 14 19 00-0213	EA 12" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	436.74	15.12
	For Installation With Adhesive, Deduct	-27.89	
	For Oxidized Finish, Add	56.44	
	For Polished Or Patina Finish, Add	112.88	
10 14 19 00-0214	EA 14" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	566.57	17.45
	For Installation With Adhesive, Deduct	-35.31	
	For Oxidized Finish, Add	74.52	
	For Polished Or Patina Finish, Add	149.03	
10 14 19 00-0215	EA 16" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	709.12	20.94
	For Installation With Adhesive, Deduct	-43.83	
	For Oxidized Finish, Add	93.81	
	For Polished Or Patina Finish, Add	187.61	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0216	EA		18" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs.....	870.37	23.26
			<i>For Installation With Adhesive, Deduct</i>	-52.82	
			<i>For Oxidized Finish, Add</i>	116.60	
			<i>For Polished Or Patina Finish, Add</i>	233.20	
10 14 19 00-0217	EA		20" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs.....	1,043.03	26.17
			<i>For Installation With Adhesive, Deduct</i>	-62.62	
			<i>For Oxidized Finish, Add</i>	140.75	
			<i>For Polished Or Patina Finish, Add</i>	281.51	
10 14 19 00-0218	EA		22" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs.....	1,233.96	27.62
			<i>For Installation With Adhesive, Deduct</i>	-72.75	
			<i>For Oxidized Finish, Add</i>	168.52	
			<i>For Polished Or Patina Finish, Add</i>	337.04	
10 14 19 00-0219	EA		24" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs.....	1,433.94	29.08
			<i>For Installation With Adhesive, Deduct</i>	-83.33	
			<i>For Oxidized Finish, Add</i>	197.64	
			<i>For Polished Or Patina Finish, Add</i>	395.29	
10 14 19 00-0220	EA		30" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs.....	2,006.59	34.90
			<i>For Installation With Adhesive, Deduct</i>	-114.29	
			<i>For Oxidized Finish, Add</i>	280.05	
			<i>For Polished Or Patina Finish, Add</i>	560.10	
10 14 19 00-0221			Satin Finish, Copper Characters <small>(10 14 19 00-0049)</small>		
10 14 19 00-0222			1/4" Deep, Satin Finish, Copper Characters <small>(10 14 19 00-0221)</small>		
10 14 19 00-0223	EA		2" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	62.83	7.27
			<i>For Installation With Adhesive, Deduct</i>	-6.05	
			<i>For Polished Finish, Add</i>	10.13	
10 14 19 00-0224	EA		4" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	81.95	8.43
			<i>For Installation With Adhesive, Deduct</i>	-7.47	
			<i>For Polished Finish, Add</i>	14.47	
10 14 19 00-0225	EA		6" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	115.45	10.17
			<i>For Installation With Adhesive, Deduct</i>	-9.84	
			<i>For Polished Finish, Add</i>	22.42	
10 14 19 00-0226	EA		8" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	152.61	11.63
			<i>For Installation With Adhesive, Deduct</i>	-12.28	
			<i>For Polished Finish, Add</i>	31.82	
10 14 19 00-0227	EA		10" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	193.38	13.08
			<i>For Installation With Adhesive, Deduct</i>	-14.90	
			<i>For Polished Finish, Add</i>	42.31	
10 14 19 00-0228	EA		12" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	246.13	15.12
			<i>For Installation With Adhesive, Deduct</i>	-18.36	
			<i>For Polished Finish, Add</i>	55.69	
10 14 19 00-0229	EA		14" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	308.47	17.45
			<i>For Installation With Adhesive, Deduct</i>	-22.40	
			<i>For Polished Finish, Add</i>	71.60	
10 14 19 00-0230	EA		16" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	380.30	20.94
			<i>For Installation With Adhesive, Deduct</i>	-27.39	
			<i>For Polished Finish, Add</i>	88.97	
10 14 19 00-0231	EA		18" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	455.90	23.26
			<i>For Installation With Adhesive, Deduct</i>	-32.10	
			<i>For Polished Finish, Add</i>	108.86	
10 14 19 00-0232	EA		20" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	539.86	26.17
			<i>For Installation With Adhesive, Deduct</i>	-37.46	
			<i>For Polished Finish, Add</i>	130.55	
10 14 19 00-0233	EA		22" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	630.07	27.62
			<i>For Installation With Adhesive, Deduct</i>	-42.55	
			<i>For Polished Finish, Add</i>	155.87	
10 14 19 00-0234	EA		24" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	727.49	29.08
			<i>For Installation With Adhesive, Deduct</i>	-48.01	
			<i>For Polished Finish, Add</i>	183.35	
10 14 19 00-0235	EA		30" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	1,044.26	34.90
			<i>For Installation With Adhesive, Deduct</i>	-66.17	
			<i>For Polished Finish, Add</i>	271.40	
10 14 19 00-0236			3/8" Deep, Satin Finish, Copper Characters <small>(10 14 19 00-0221)</small>		
10 14 19 00-0237	EA		2" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	71.27	7.27
			<i>For Installation With Adhesive, Deduct</i>	-6.47	
			<i>For Polished Finish, Add</i>	12.66	
10 14 19 00-0238	EA		4" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	96.41	8.43
			<i>For Installation With Adhesive, Deduct</i>	-8.19	
			<i>For Polished Finish, Add</i>	18.80	
10 14 19 00-0239	EA		6" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	141.61	10.17
			<i>For Installation With Adhesive, Deduct</i>	-11.15	
			<i>For Polished Finish, Add</i>	30.27	
10 14 19 00-0240	EA		8" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	195.04	11.63
			<i>For Installation With Adhesive, Deduct</i>	-14.41	
			<i>For Polished Finish, Add</i>	44.55	
10 14 19 00-0241	EA		10" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	263.90	13.08
			<i>For Installation With Adhesive, Deduct</i>	-18.43	
			<i>For Polished Finish, Add</i>	63.47	
10 14 19 00-0242	EA		12" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	329.67	15.12
			<i>For Installation With Adhesive, Deduct</i>	-22.53	
			<i>For Polished Finish, Add</i>	80.75	
10 14 19 00-0243	EA		14" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	415.88	17.45
			<i>For Installation With Adhesive, Deduct</i>	-27.77	
			<i>For Polished Finish, Add</i>	103.83	

10 Specialties
10 10 Information Specialties
10 14 Signage



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0244	EA		16" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	513.74	20.94
			<i>For Installation With Adhesive, Deduct</i>	-34.06	
			<i>For Polished Finish, Add</i>	129.00	
10 14 19 00-0245	EA		18" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	619.18	23.26
			<i>For Installation With Adhesive, Deduct</i>	-40.26	
			<i>For Polished Finish, Add</i>	157.84	
10 14 19 00-0246	EA		20" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	735.69	26.17
			<i>For Installation With Adhesive, Deduct</i>	-47.25	
			<i>For Polished Finish, Add</i>	189.30	
10 14 19 00-0247	EA		22" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	863.88	27.62
			<i>For Installation With Adhesive, Deduct</i>	-54.24	
			<i>For Polished Finish, Add</i>	226.01	
10 14 19 00-0248	EA		24" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	971.96	29.08
			<i>For Installation With Adhesive, Deduct</i>	-60.23	
			<i>For Polished Finish, Add</i>	256.70	
10 14 19 00-0249	EA		30" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	1,360.90	34.90
			<i>For Installation With Adhesive, Deduct</i>	-82.00	
			<i>For Polished Finish, Add</i>	366.40	
10 14 19 00-0250 Satin Finish, Stainless Steel Characters (10 14 19 00-0049)					
10 14 19 00-0251 1/4" Deep, Satin Finish, Stainless Steel Characters (10 14 19 00-0250)					
10 14 19 00-0252	EA		2" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	60.13	7.27
			<i>For Installation With Adhesive, Deduct</i>	-5.91	
			<i>For Polished Finish, Add</i>	9.32	
10 14 19 00-0253	EA		4" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	78.75	8.43
			<i>For Installation With Adhesive, Deduct</i>	-7.31	
			<i>For Polished Finish, Add</i>	13.51	
10 14 19 00-0254	EA		6" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	101.26	10.17
			<i>For Installation With Adhesive, Deduct</i>	-9.13	
			<i>For Polished Finish, Add</i>	18.17	
10 14 19 00-0255	EA		8" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	130.37	11.63
			<i>For Installation With Adhesive, Deduct</i>	-11.17	
			<i>For Polished Finish, Add</i>	25.15	
10 14 19 00-0256	EA		10" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	159.47	13.08
			<i>For Installation With Adhesive, Deduct</i>	-13.21	
			<i>For Polished Finish, Add</i>	32.14	
10 14 19 00-0257	EA		12" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	195.56	15.12
			<i>For Installation With Adhesive, Deduct</i>	-15.83	
			<i>For Polished Finish, Add</i>	40.52	
10 14 19 00-0258	EA		14" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	234.36	17.45
			<i>For Installation With Adhesive, Deduct</i>	-18.70	
			<i>For Polished Finish, Add</i>	49.37	
10 14 19 00-0259	EA		16" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	280.92	20.94
			<i>For Installation With Adhesive, Deduct</i>	-22.42	
			<i>For Polished Finish, Add</i>	59.15	
10 14 19 00-0260	EA		18" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	327.49	23.26
			<i>For Installation With Adhesive, Deduct</i>	-25.68	
			<i>For Polished Finish, Add</i>	70.33	
10 14 19 00-0261	EA		20" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	382.59	26.17
			<i>For Installation With Adhesive, Deduct</i>	-29.60	
			<i>For Polished Finish, Add</i>	83.37	
10 14 19 00-0262	EA		22" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	444.30	27.62
			<i>For Installation With Adhesive, Deduct</i>	-33.27	
			<i>For Polished Finish, Add</i>	100.14	
10 14 19 00-0263	EA		24" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	507.55	29.08
			<i>For Installation With Adhesive, Deduct</i>	-37.01	
			<i>For Polished Finish, Add</i>	117.37	
10 14 19 00-0264	EA		30" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	695.39	34.90
			<i>For Installation With Adhesive, Deduct</i>	-48.73	
			<i>For Polished Finish, Add</i>	166.74	
10 14 19 00-0265 3/8" Deep, Satin Finish, Stainless Steel Characters (10 14 19 00-0250)					
10 14 19 00-0266	EA		2" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	71.00	7.27
			<i>For Installation With Adhesive, Deduct</i>	-6.46	
			<i>For Polished Finish, Add</i>	12.58	
10 14 19 00-0267	EA		4" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	94.51	8.43
			<i>For Installation With Adhesive, Deduct</i>	-8.10	
			<i>For Polished Finish, Add</i>	18.23	
10 14 19 00-0268	EA		6" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	121.24	10.17
			<i>For Installation With Adhesive, Deduct</i>	-10.13	
			<i>For Polished Finish, Add</i>	24.16	
10 14 19 00-0269	EA		8" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	154.68	11.63
			<i>For Installation With Adhesive, Deduct</i>	-12.39	
			<i>For Polished Finish, Add</i>	32.45	
10 14 19 00-0270	EA		10" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	190.53	13.08
			<i>For Installation With Adhesive, Deduct</i>	-14.76	
			<i>For Polished Finish, Add</i>	41.46	
10 14 19 00-0271	EA		12" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	234.73	15.12
			<i>For Installation With Adhesive, Deduct</i>	-17.79	
			<i>For Polished Finish, Add</i>	52.27	
10 14 19 00-0272	EA		14" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	282.09	17.45
			<i>For Installation With Adhesive, Deduct</i>	-21.08	
			<i>For Polished Finish, Add</i>	63.69	
10 14 19 00-0273	EA		16" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	338.11	20.94
			<i>For Installation With Adhesive, Deduct</i>	-25.28	
			<i>For Polished Finish, Add</i>	76.31	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 14 19 00-0274	EA			18" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	393.13	23.26
				<i>For Installation With Adhesive, Deduct</i>	-28.96	
				<i>For Polished Finish, Add</i>	90.02	
10 14 19 00-0275	EA			20" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	460.40	26.17
				<i>For Installation With Adhesive, Deduct</i>	-33.49	
				<i>For Polished Finish, Add</i>	106.72	
10 14 19 00-0276	EA			22" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	517.74	27.62
				<i>For Installation With Adhesive, Deduct</i>	-36.94	
				<i>For Polished Finish, Add</i>	122.17	
10 14 19 00-0277	EA			24" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	593.63	29.08
				<i>For Installation With Adhesive, Deduct</i>	-41.31	
				<i>For Polished Finish, Add</i>	143.20	
10 14 19 00-0278	EA			30" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	817.67	34.90
				<i>For Installation With Adhesive, Deduct</i>	-54.84	
				<i>For Polished Finish, Add</i>	203.43	
10 14 19 00-0279				1/2" Deep, Satin Finish, Stainless Steel Characters (10 14 19 00-0250)		
10 14 19 00-0280	EA			2" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	84.97	7.27
				<i>For Installation With Adhesive, Deduct</i>	-7.16	
				<i>For Polished Finish, Add</i>	16.77	
10 14 19 00-0281	EA			4" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	114.77	8.43
				<i>For Installation With Adhesive, Deduct</i>	-9.11	
				<i>For Polished Finish, Add</i>	24.31	
10 14 19 00-0282	EA			6" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	147.88	10.17
				<i>For Installation With Adhesive, Deduct</i>	-11.47	
				<i>For Polished Finish, Add</i>	32.15	
10 14 19 00-0283	EA			8" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	194.08	11.63
				<i>For Installation With Adhesive, Deduct</i>	-14.36	
				<i>For Polished Finish, Add</i>	44.27	
10 14 19 00-0284	EA			10" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	240.88	13.08
				<i>For Installation With Adhesive, Deduct</i>	-17.28	
				<i>For Polished Finish, Add</i>	56.56	
10 14 19 00-0285	EA			12" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	298.22	15.12
				<i>For Installation With Adhesive, Deduct</i>	-20.96	
				<i>For Polished Finish, Add</i>	71.32	
10 14 19 00-0286	EA			14" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	359.43	17.45
				<i>For Installation With Adhesive, Deduct</i>	-24.95	
				<i>For Polished Finish, Add</i>	86.89	
10 14 19 00-0287	EA			16" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	430.78	20.94
				<i>For Installation With Adhesive, Deduct</i>	-29.91	
				<i>For Polished Finish, Add</i>	104.11	
10 14 19 00-0288	EA			18" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	512.69	23.26
				<i>For Installation With Adhesive, Deduct</i>	-34.94	
				<i>For Polished Finish, Add</i>	125.89	
10 14 19 00-0289	EA			20" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	602.13	26.17
				<i>For Installation With Adhesive, Deduct</i>	-40.57	
				<i>For Polished Finish, Add</i>	149.24	
10 14 19 00-0290	EA			22" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	674.62	27.62
				<i>For Installation With Adhesive, Deduct</i>	-44.78	
				<i>For Polished Finish, Add</i>	169.24	
10 14 19 00-0291	EA			24" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	777.51	29.08
				<i>For Installation With Adhesive, Deduct</i>	-50.51	
				<i>For Polished Finish, Add</i>	198.36	
10 14 19 00-0292	EA			30" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	1,078.91	34.90
				<i>For Installation With Adhesive, Deduct</i>	-67.90	
				<i>For Polished Finish, Add</i>	281.80	

10 14 23 Panel Signage (10 14)

10 14 23 11 Panel Signage (10 14 23)

10 14 23 11-0001				Indoor/Outdoor Signs (10 14 23 11)		
				Note: Office number signs, conference room signs, restroom signs, stairway signs, fire extinguisher marker, ANSI/OSHA safety signs, entry/exit signs, etc.		
10 14 23 11-0002				Surface Mount, Indoor/Outdoor Signs (10 14 23 11-0001)		
10 14 23 11-0003				Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Signs (10 14 23 11-0002)		
				Note: Multi-color with words, symbols and graphics.		
10 14 23 11-0004	EA			Up To 25 Sl, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign.....	25.84	10.28
				<i>For >25 To 50, Deduct</i>	-0.53	
				<i>For >50 To 100, Deduct</i>	-1.32	
				<i>For >100, Deduct</i>	-1.59	
				<i>For Clear Glass Mount, Add</i>	4.23	
				<i>For Glow-In-Dark, Add</i>	10.58	
				<i>For Reflective Finish, Add</i>	11.90	
10 14 23 11-0005	EA			>25 To 50 Sl, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign.....	29.62	10.28
				<i>For >25 To 50, Deduct</i>	-0.91	
				<i>For >50 To 100, Deduct</i>	-2.27	
				<i>For >100, Deduct</i>	-2.72	
				<i>For Clear Glass Mount, Add</i>	7.26	
				<i>For Glow-In-Dark, Add</i>	18.14	
				<i>For Reflective Finish, Add</i>	20.41	

10 Specialties
10 10 Information Specialties
10 14 Signage



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0006	EA		>50 To 100 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	35.67	10.28
			<i>For >25 To 50, Deduct</i>	-1.51	
			<i>For >50 To 100, Deduct</i>	-3.78	
			<i>For >100, Deduct</i>	-4.54	
			<i>For Clear Glass Mount, Add</i>	12.10	
			<i>For Glow-In-Dark, Add</i>	30.24	
			<i>For Reflective Finish, Add</i>	34.02	
10 14 23 11-0007	EA		>100 To 250 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	43.23	10.28
			<i>For >25 To 50, Deduct</i>	-2.27	
			<i>For >50 To 100, Deduct</i>	-5.67	
			<i>For >100, Deduct</i>	-6.80	
			<i>For Clear Glass Mount, Add</i>	18.14	
			<i>For Glow-In-Dark, Add</i>	45.36	
			<i>For Reflective Finish, Add</i>	51.03	
10 14 23 11-0008	EA		>250 To 500 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	56.84	10.28
			<i>For >25 To 50, Deduct</i>	-3.63	
			<i>For >50 To 100, Deduct</i>	-9.07	
			<i>For >100, Deduct</i>	-10.89	
			<i>For Clear Glass Mount, Add</i>	29.03	
			<i>For Glow-In-Dark, Add</i>	72.58	
			<i>For Reflective Finish, Add</i>	81.65	
10 14 23 11-0009	EA		>500 To 750 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	81.03	10.28
			<i>For >25 To 50, Deduct</i>	-6.05	
			<i>For >50 To 100, Deduct</i>	-15.12	
			<i>For >100, Deduct</i>	-18.14	
			<i>For Clear Glass Mount, Add</i>	48.38	
			<i>For Glow-In-Dark, Add</i>	120.96	
			<i>For Reflective Finish, Add</i>	136.08	
10 14 23 11-0010	EA		>750 To 1,000 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign.....	111.27	10.28
			<i>For >25 To 50, Deduct</i>	-9.07	
			<i>For >50 To 100, Deduct</i>	-22.68	
			<i>For >100, Deduct</i>	-27.22	
			<i>For Clear Glass Mount, Add</i>	72.58	
			<i>For Glow-In-Dark, Add</i>	181.44	
			<i>For Reflective Finish, Add</i>	204.12	
10 14 23 11-0011	SI		>1,000 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign.....	0.12	0.01
			<i>For Clear Glass Mount, Add</i>	0.08	
			<i>For Glow-In-Dark, Add</i>	0.20	
			<i>For Reflective Finish, Add</i>	0.23	
10 14 23 11-0012			Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Signs		
			<small>(10 14 23 11-0002)</small>		
			Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting.		
10 14 23 11-0013	EA		Up To 25 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign.....	27.35	10.28
			<i>For >25 To 50, Deduct</i>	-0.68	
			<i>For >50 To 100, Deduct</i>	-1.70	
			<i>For >100, Deduct</i>	-2.04	
			<i>For Glow-In-Dark, Add</i>	13.60	
			<i>For Reflective Finish, Add</i>	14.62	
10 14 23 11-0014	EA		>25 To 50 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	31.13	10.28
			<i>For >25 To 50, Deduct</i>	-1.06	
			<i>For >50 To 100, Deduct</i>	-2.65	
			<i>For >100, Deduct</i>	-3.17	
			<i>For Glow-In-Dark, Add</i>	21.16	
			<i>For Reflective Finish, Add</i>	22.75	
10 14 23 11-0015	EA		>50 To 100 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	38.69	10.28
			<i>For >25 To 50, Deduct</i>	-1.81	
			<i>For >50 To 100, Deduct</i>	-4.54	
			<i>For >100, Deduct</i>	-5.44	
			<i>For Glow-In-Dark, Add</i>	36.28	
			<i>For Reflective Finish, Add</i>	39.00	
10 14 23 11-0016	EA		>100 To 250 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	46.25	10.28
			<i>For >25 To 50, Deduct</i>	-2.57	
			<i>For >50 To 100, Deduct</i>	-6.43	
			<i>For >100, Deduct</i>	-7.71	
			<i>For Glow-In-Dark, Add</i>	51.40	
			<i>For Reflective Finish, Add</i>	55.26	
10 14 23 11-0017	EA		>250 To 500 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	57.59	10.28
			<i>For >25 To 50, Deduct</i>	-3.70	
			<i>For >50 To 100, Deduct</i>	-9.26	
			<i>For >100, Deduct</i>	-11.11	
			<i>For Glow-In-Dark, Add</i>	74.08	
			<i>For Reflective Finish, Add</i>	79.64	
10 14 23 11-0018	EA		>500 To 750 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	68.93	10.28
			<i>For >25 To 50, Deduct</i>	-4.84	
			<i>For >50 To 100, Deduct</i>	-12.10	
			<i>For >100, Deduct</i>	-14.51	
			<i>For Glow-In-Dark, Add</i>	96.76	
			<i>For Reflective Finish, Add</i>	104.02	
10 14 23 11-0019	EA		>750 To 1,000 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	81.03	10.28
			<i>For >25 To 50, Deduct</i>	-6.05	
			<i>For >50 To 100, Deduct</i>	-15.12	
			<i>For >100, Deduct</i>	-18.14	
			<i>For Glow-In-Dark, Add</i>	120.96	
			<i>For Reflective Finish, Add</i>	130.03	
10 14 23 11-0020	SI		>1,000 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	0.09	0.01
			<i>For Glow-In-Dark, Add</i>	0.14	
			<i>For Reflective Finish, Add</i>	0.15	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 14 23 11-0021				Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille <small>(10 14 23 11-0002)</small> Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting. Excludes frame.		
10 14 23 11-0022	EA			Up To 25 Sl, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille.....	38.69	10.28
				For >25 To 50, Deduct	-1.81	
				For >50 To 100, Deduct	-4.54	
				For >100, Deduct	-5.44	
				For Molded Plastic Frame, Add	15.00	
				For Brushed Metal Finish/Faux Metal Finish, Add	23.00	
				For 2" Height Slider Channel For Custom Inserts, Add	35.00	
10 14 23 11-0023	EA			>25 To 50 Sl, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	43.23	10.28
				For >25 To 50, Deduct	-2.27	
				For >50 To 100, Deduct	-5.67	
				For >100, Deduct	-6.80	
				For Molded Plastic Frame, Add	17.00	
				For Brushed Metal Finish/Faux Metal Finish, Add	28.00	
				For 2" Height Slider Channel For Custom Inserts, Add	35.00	
10 14 23 11-0024	EA			>50 To 75 Sl, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	50.79	10.28
				For >25 To 50, Deduct	-3.02	
				For >50 To 100, Deduct	-7.56	
				For >100, Deduct	-9.07	
				For Molded Plastic Frame, Add	19.00	
				For Brushed Metal Finish/Faux Metal Finish, Add	31.00	
10 14 23 11-0025	EA			>75 To 100 Sl, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	57.90	10.28
				For >25 To 50, Deduct	-3.74	
				For >50 To 100, Deduct	-9.34	
				For >100, Deduct	-11.21	
				For Molded Plastic Frame, Add	21.00	
				For Brushed Metal Finish/Faux Metal Finish, Add	35.00	
10 14 23 11-0026	SI			>100 Sl, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	0.62	0.10
				For Molded Plastic Frame, Add	0.20	
				For Brushed Metal Finish/Faux Metal Finish, Add	0.31	
10 14 23 11-0027				Engraved Steel, Surface Mount, Indoor/Outdoor Signs <small>(10 14 23 11-0002)</small> Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting. Excludes frame.		
10 14 23 11-0028	EA			Up To 25 Sl, Engraved Steel, Surface Mount, Indoor/Outdoor Sign.....	49.28	10.28
				For >25 To 50, Deduct	-2.87	
				For >50 To 100, Deduct	-7.18	
				For >100, Deduct	-8.62	
				For Molded Plastic Frame, Add	15.00	
10 14 23 11-0029	EA			>25 To 50 Sl, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	58.35	10.28
				For >25 To 50, Deduct	-3.78	
				For >50 To 100, Deduct	-9.45	
				For >100, Deduct	-11.34	
				For Molded Plastic Frame, Add	17.00	
10 14 23 11-0030	EA			>50 To 75 Sl, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	70.45	10.28
				For >25 To 50, Deduct	-4.99	
				For >50 To 100, Deduct	-12.48	
				For >100, Deduct	-14.97	
				For Molded Plastic Frame, Add	19.00	
10 14 23 11-0031	EA			>75 To 100 Sl, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	94.64	10.28
				For >25 To 50, Deduct	-7.41	
				For >50 To 100, Deduct	-18.52	
				For >100, Deduct	-22.23	
				For Molded Plastic Frame, Add	21.00	
10 14 23 11-0032	SI			>100 Sl, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	0.94	0.10
				For Molded Plastic Frame, Add	0.20	
10 14 23 11-0033				Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Signs <small>(10 14 23 11-0002)</small> Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting.		
10 14 23 11-0034	EA			Up To 25 Sl, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign.....	26.60	10.28
				For >25 To 50, Deduct	-0.61	
				For >50 To 100, Deduct	-1.51	
				For >100, Deduct	-1.82	
				For Glow-In-Dark, Add	3.63	
				For Reflective Finish, Add	4.54	
10 14 23 11-0035	EA			>25 To 50 Sl, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	31.13	10.28
				For >25 To 50, Deduct	-1.06	
				For >50 To 100, Deduct	-2.65	
				For >100, Deduct	-3.17	
				For Glow-In-Dark, Add	6.35	
				For Reflective Finish, Add	7.94	
10 14 23 11-0036	EA			>50 To 100 Sl, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	40.21	10.28
				For >25 To 50, Deduct	-1.97	
				For >50 To 100, Deduct	-4.92	
				For >100, Deduct	-5.90	
				For Glow-In-Dark, Add	11.80	
				For Reflective Finish, Add	14.75	
10 14 23 11-0037	EA			>100 To 250 Sl, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	50.79	10.28
				For >25 To 50, Deduct	-3.02	
				For >50 To 100, Deduct	-7.56	
				For >100, Deduct	-9.07	
				For Glow-In-Dark, Add	18.14	
				For Reflective Finish, Add	22.68	

10 Specialties
10 10 Information Specialties
10 14 Signage



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
10 14 23 11-0038	EA >250 To 500 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	82.54	10.28
	For >25 To 50, Deduct	-6.20	
	For >50 To 100, Deduct	-15.50	
	For >100, Deduct	-18.60	
	For Glow-In-Dark, Add	37.19	
	For Reflective Finish, Add	46.49	
10 14 23 11-0039	EA >500 To 750 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	96.15	10.28
	For >25 To 50, Deduct	-7.56	
	For >50 To 100, Deduct	-18.90	
	For >100, Deduct	-22.68	
	For Glow-In-Dark, Add	45.36	
	For Reflective Finish, Add	56.70	
10 14 23 11-0040	EA >750 To 1,000 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	114.29	10.28
	For >25 To 50, Deduct	-9.37	
	For >50 To 100, Deduct	-23.44	
	For >100, Deduct	-28.12	
	For Glow-In-Dark, Add	56.24	
	For Reflective Finish, Add	70.31	
10 14 23 11-0041	SI >1,000 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	0.12	0.01
	For Glow-In-Dark, Add	0.06	
	For Reflective Finish, Add	0.08	
10 14 23 11-0042	California Title 24, Surface Mount, Signs <small>(10 14 23 11-0002)</small>		
10 14 23 11-0043	California Title 24, Surface Mount, Geometric Restroom Signs <small>(10 14 23 11-0042)</small> Note: Includes 1/4" thick acrylic or PVC construction, color that contrasts with the door color, and with or without the international symbol of accessibility and staff only designation.		
10 14 23 11-0044	EA 1/4" Thick, Equilateral Triangle With 12" Long Edges, California Title 24, Surface Mount, Geometric Male Restroom Sign	76.12	10.28
	For >25 To 50, Deduct	-5.56	
	For >50 To 100, Deduct	-8.34	
	For >100, Deduct	-9.45	
10 14 23 11-0045	EA 1/4" Thick, 12" Diameter, California Title 24, Surface Mount, Geometric Female Restroom Sign	76.12	10.28
	For >25 To 50, Deduct	-5.56	
	For >50 To 100, Deduct	-8.34	
	For >100, Deduct	-9.45	
10 14 23 11-0046	EA 1/4" Thick, 12" Diameter, California Title 24, Surface Mount, Geometric Unisex Restroom Sign	98.34	10.28
	Note: Includes contrasting color equilateral triangle with 12" long edges superimposed on the circle.		
	For >25 To 50, Deduct	-7.78	
	For >50 To 100, Deduct	-11.67	
	For >100, Deduct	-13.22	
10 14 23 11-0047	California Title 24, Surface Mount, Stairwell Signs <small>(10 14 23 11-0042)</small> Note: Includes 1/16" matte finish colored polymer face plate with 1/16" acrylic backer. Includes information on stairway location, roof access availability, floor level number, basement or mezzanine level identification and exit level and direction.		
10 14 23 11-0048	EA 1/8" Thick, 12" x 18", California Title 24, Surface Mount, Stairwell Sign	145.97	10.28
	For >25 To 50, Deduct	-12.54	
	For >50 To 100, Deduct	-18.81	
	For >100, Deduct	-21.32	
10 14 23 11-0049	Ceiling Mount, Indoor/Outdoor Signs <small>(10 14 23 11-0001)</small>		
10 14 23 11-0050	Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Signs <small>(10 14 23 11-0049)</small>		
10 14 23 11-0051	EA Up To 25 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	37.09	14.38
	For >25 To 50, Deduct	-0.83	
	For >50 To 100, Deduct	-2.08	
	For >100, Deduct	-2.50	
	For Glow-In-Dark, Add	4.99	
	For Reflective Finish, Add	6.24	
10 14 23 11-0052	EA >25 To 50 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	43.89	14.38
	For >25 To 50, Deduct	-1.51	
	For >50 To 100, Deduct	-3.78	
	For >100, Deduct	-4.54	
	For Glow-In-Dark, Add	9.07	
	For Reflective Finish, Add	11.34	
10 14 23 11-0053	EA >50 To 100 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	52.96	14.38
	For >25 To 50, Deduct	-2.42	
	For >50 To 100, Deduct	-6.05	
	For >100, Deduct	-7.26	
	For Glow-In-Dark, Add	14.51	
	For Reflective Finish, Add	18.14	
10 14 23 11-0054	EA >100 To 150 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	66.57	14.38
	For >25 To 50, Deduct	-3.78	
	For >50 To 100, Deduct	-9.45	
	For >100, Deduct	-11.34	
	For Glow-In-Dark, Add	22.68	
	For Reflective Finish, Add	28.35	
10 14 23 11-0055	90 Degree, Projection Mount, Indoor/Outdoor Signs <small>(10 14 23 11-0001)</small>		
10 14 23 11-0056	Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Signs <small>(10 14 23 11-0055)</small>		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 14 23 11-0057	EA			Up To 25 Sl, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	37.84	14.38
				<i>For >25 To 50, Deduct</i>	-0.91	
				<i>For >50 To 100, Deduct</i>	-2.27	
				<i>For >100, Deduct</i>	-2.72	
				<i>For Glow-In-Dark, Add</i>	5.44	
				<i>For Reflective Finish, Add</i>	6.80	
10 14 23 11-0058	EA			>25 To 50 Sl, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	45.40	14.38
				<i>For >25 To 50, Deduct</i>	-1.66	
				<i>For >50 To 100, Deduct</i>	-4.16	
				<i>For >100, Deduct</i>	-4.99	
				<i>For Glow-In-Dark, Add</i>	9.98	
				<i>For Reflective Finish, Add</i>	12.47	
10 14 23 11-0059	EA			>50 To 100 Sl, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	62.03	14.38
				<i>For >25 To 50, Deduct</i>	-3.33	
				<i>For >50 To 100, Deduct</i>	-8.32	
				<i>For >100, Deduct</i>	-9.98	
				<i>For Glow-In-Dark, Add</i>	19.96	
				<i>For Reflective Finish, Add</i>	24.95	
10 14 23 11-0060	EA			>100 To 150 Sl, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	68.08	14.38
				<i>For >25 To 50, Deduct</i>	-3.93	
				<i>For >50 To 100, Deduct</i>	-9.83	
				<i>For >100, Deduct</i>	-11.79	
				<i>For Glow-In-Dark, Add</i>	23.59	
				<i>For Reflective Finish, Add</i>	29.48	

10 14 23 11-0061 Triangle, Projection Mount, Indoor/Outdoor Signs (10 14 23 11-0001)

10 14 23 11-0062 Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Signs (10 14 23 11-0061)

10 14 23 11-0063	EA			Up To 25 Sl, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	40.11	14.38
				<i>For >25 To 50, Deduct</i>	-1.13	
				<i>For >50 To 100, Deduct</i>	-2.84	
				<i>For >100, Deduct</i>	-3.40	
				<i>For Glow-In-Dark, Add</i>	6.80	
				<i>For Reflective Finish, Add</i>	8.51	
10 14 23 11-0064	EA			>25 To 50 Sl, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	51.45	14.38
				<i>For >25 To 50, Deduct</i>	-2.27	
				<i>For >50 To 100, Deduct</i>	-5.67	
				<i>For >100, Deduct</i>	-6.80	
				<i>For Glow-In-Dark, Add</i>	13.61	
				<i>For Reflective Finish, Add</i>	17.01	
10 14 23 11-0065	EA			>50 To 100 Sl, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	55.99	14.38
				<i>For >25 To 50, Deduct</i>	-2.72	
				<i>For >50 To 100, Deduct</i>	-6.81	
				<i>For >100, Deduct</i>	-8.17	
				<i>For Glow-In-Dark, Add</i>	16.33	
				<i>For Reflective Finish, Add</i>	20.42	
10 14 23 11-0066	EA			>100 To 150 Sl, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	62.03	14.38
				<i>For >25 To 50, Deduct</i>	-3.33	
				<i>For >50 To 100, Deduct</i>	-8.32	
				<i>For >100, Deduct</i>	-9.98	
				<i>For Glow-In-Dark, Add</i>	19.96	
				<i>For Reflective Finish, Add</i>	24.95	

10 14 23 11-0067 Adhesive Backed Vinyl Characters (10 14 23 11)

Note: Includes capital or lower case letters in any font or color. Includes numbers, symbols, punctuation marks, etc. Includes adhesive.

10 14 23 11-0068	EA	1/2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character			2.55	0.82
		<i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>			0.42	
10 14 23 11-0069	EA	3/4" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character			2.63	0.94
		<i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>			0.44	
10 14 23 11-0070	EA	1" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character			2.71	1.06
		<i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>			0.46	
10 14 23 11-0071	EA	1-1/2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character			3.66	1.23
		<i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>			0.59	
10 14 23 11-0072	EA	2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character			3.77	1.44
		<i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>			0.62	
10 14 23 11-0073	EA	3" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character			5.31	1.65
		<i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>			0.90	
10 14 23 11-0074	EA	4" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character			5.66	1.85
		<i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>			0.99	
10 14 23 11-0075	EA	6" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character			7.54	2.06
		<i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>			1.35	
10 14 23 11-0076	EA	8" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character			8.92	2.26
		<i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>			1.70	
10 14 23 11-0077	EA	10" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character			11.37	2.47
		<i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>			2.20	

10 14 23 11-0078 Standoffs For Wall Signage (10 14 23 11)

Note: Excludes signage

10 14 23 11-0079	EA	1/2" Diameter x 1/2" Long, Stainless Steel Standoff			16.16	5.82
10 14 23 11-0080	EA	1/2" Diameter x 3/4" Long, Stainless Steel Standoff			16.74	5.82
10 14 23 11-0081	EA	1/2" Diameter x 1" Long, Stainless Steel Standoff			16.89	5.82
10 14 23 11-0082	EA	5/8" Diameter x 1/2" Long, Stainless Steel Standoff			17.77	5.82
10 14 23 11-0083	EA	5/8" Diameter x 3/4" Long, Stainless Steel Standoff			18.35	5.82
10 14 23 11-0084	EA	5/8" Diameter x 1" Long, Stainless Steel Standoff			19.52	5.82

10 Specialties**10 10 Information Specialties****10 14 Signage**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

10 14 23 11-0085	EA	3/4" Diameter x 3/4" Long, Stainless Steel Standoff	19.23	6.98
10 14 23 11-0086	EA	3/4" Diameter x 1" Long, Stainless Steel Standoff	20.83	6.98
10 14 23 11-0087	EA	3/4" Diameter x 1-1/2" Long, Stainless Steel Standoff	22.15	6.98
10 14 23 11-0088	EA	1" Diameter x 3/4" Long, Stainless Steel Standoff	23.31	6.98
10 14 23 11-0089	EA	1" Diameter x 1" Long, Stainless Steel Standoff	25.21	6.98
10 14 23 11-0090	EA	1" Diameter x 1-1/2" Long, Stainless Steel Standoff	27.54	6.98
10 14 23 11-0091	EA	5/8" Diameter x 3/4" Long, Clear Anodized Aluminum Standoff	18.21	5.82
10 14 23 11-0092	EA	5/8" Diameter x 1" Long, Clear Anodized Aluminum Standoff	18.65	5.82
10 14 23 11-0093	EA	3/4" Diameter x 3/4" Long, Clear Anodized Aluminum Standoff	20.54	6.98
10 14 23 11-0094	EA	3/4" Diameter x 1" Long, Clear Anodized Aluminum Standoff	20.98	6.98
10 14 23 11-0095	EA	1" Diameter x 3/4" Long, Clear Anodized Aluminum Standoff	22.72	6.98
10 14 23 11-0096	EA	1" Diameter x 1" Long, Clear Anodized Aluminum Standoff	23.02	6.98

10 14 23 11-0097 Removal And Reinstallation Of Building Signage (10 14 23 11)

Note: Includes storage, cleaning and supply materials.

10 14 23 11-0098	EA	Removal And Reinstallation Of Building Signage, Exterior Up To 4 SF	203.64	
10 14 23 11-0099	EA	Removal And Reinstallation Of Building Signage, Exterior >4 To 12 SF	233.90	
10 14 23 11-0100	EA	Removal And Reinstallation Of Building Signage, >12 To 20 SF	262.98	
10 14 23 11-0101	EA	Removal And Reinstallation Of Interior Door And Office Signage, Up To 4SF	61.64	

10 14 23 11-0102 Building Sign (10 14 23 11)

Note: Includes 4" numbers painted on. Installed on building.

10 14 23 11-0103	EA	6" x 18" Metal Building Sign With Numbers	138.55	24.65
10 14 23 11-0104	SF	Double Sided, Molding On Two Sides, For Mounting On Aluminum Posts	43.80	8.14
10 14 23 11-0105	SF	Single Sided, Molding On One Side, For Mounting On Structure Up To 20'	33.35	7.56
10 14 23 11-0106	EA	Aluminum Posts, Formed Prefinished, Ribbed, 4" Square, 6' High, 3' Deep	33.91	6.40
10 14 23 11-0107	EA	Aluminum Posts, Formed Prefinished, Ribbed, 4" Square, 8' High, 3' Deep	39.40	6.99
10 14 23 11-0108	EA	Aluminum Posts, Formed Prefinished, Ribbed, 6" Square, 10' High, 3' Deep	43.27	7.56
10 14 23 11-0109	EA	Aluminum Posts, Formed Prefinished, Ribbed, 6" Square, 15' High, 4' Deep	51.47	8.14

10 14 23 11-0110 Custom Acrylic Signage (Takeform; Fusion) (10 14 23 11)

10 14 23 11-0111	EA	Type B: F04C-W1 Directional, 11" x 21.45" Acrylic, Surface Mount Signage	487.24	20.55
Note: Accommodates inserts.				
10 14 23 11-0112	EA	Type B: F53C-W1 Directional, 11" x 21.45" Acrylic, Surface Mount Signage	683.46	20.55
Note: Accommodates inserts.				
10 14 23 11-0113	EA	Inserts for Type B: Directional Signage	50.78	
10 14 23 11-0114	EA	Type D: F04B-R1 Evacuation, 8.5" x 18.2" Acrylic, Surface Mount Signage	385.59	16.44
Note: Accommodates inserts.				
10 14 23 11-0115	EA	Type D: F53B-R1 Evacuation, 8.5" x 18.2" Acrylic, Surface Mount Signage	525.74	16.44
Note: Accommodates inserts.				
10 14 23 11-0116	EA	Inserts for Type D: Evacuation Map Signage	28.44	
10 14 23 11-0117	EA	Type E: F04B-BB-K2 Stairs ID With Pictogram, 8.5" x 11.9" Acrylic, Surface Mount Signage	320.36	10.68
10 14 23 11-0118	EA	Type E: F53BB3-BC2 Stairs ID With Pictogram, 8.5" x 11.9" Acrylic, Surface Mount Signage	299.34	10.68
10 14 23 11-0119	EA	Type E.2: F04B-BB-K2 Restroom ID With Pictogram, 8.5" x 11.9" Acrylic, Surface Mount Signage	320.36	10.68
10 14 23 11-0120	EA	Type E.2: F53BB3-BC2 Restroom ID With Pictogram, 8.5" x 11.9" Acrylic, Surface Mount Signage	299.34	10.68
10 14 23 11-0121	EA	Type H: F04B-D1 Office ID, 8.5" x 6.4" Acrylic, Surface Mount Signage	256.47	10.28
Note: Accommodates inserts.				
10 14 23 11-0122	EA	Type H: F53B-D1 Office ID, 8.5" x 6.4" Acrylic, Surface Mount Signage	303.19	10.28
Note: Accommodates inserts.				
10 14 23 11-0123	EA	Inserts for Type H Signage	15.60	
10 14 23 11-0124	EA	Type I: F04B-G1 Large Office ID, 8.5" x 9.68" Acrylic, Surface Mount Signage	291.51	10.28
Note: Accommodates inserts.				
10 14 23 11-0125	EA	Type I: F53B-G1 Large Office ID, 8.5" x 9.68" Acrylic, Surface Mount Signage	361.59	10.28
Note: Accommodates inserts.				
10 14 23 11-0126	EA	Inserts for Type I Signage	24.37	
10 14 23 11-0127	EA	Type L: Workstation ID, 8.5" x 3.0" Acrylic, Surface Mount Signage	85.55	10.28
Note: Accommodates inserts.				
10 14 23 11-0128	EA	Inserts for Type L Signage	19.50	

10 14 53 Traffic Signage (10 14)**10 14 53 11 Traffic Signage (10 14 53)****10 14 53 11-0001 Traffic Signs (10 14 53 11)****10 14 53 11-0002 Reflectorized Stop Signs And Other Traffic Signs (10 14 53 11-0001)**

Note: Excludes posts.

10 14 53 11-0003 Aluminum Engineer Grade Stop Signs (10 14 53 11-0002)

10 14 53 11-0004	EA	18" x 18" Aluminum Engineer Grade Stop Sign	66.68	18.49
For Hi-Intensity Grade, Add				
			8.91	
For Diamond Grade, Add				
			16.92	
10 14 53 11-0005	EA	18" x 24" Aluminum Engineer Grade Stop Sign	77.86	19.56
For Hi-Intensity Grade, Add				
			11.65	
For Diamond Grade, Add				
			22.13	
10 14 53 11-0006	EA	24" x 24" Aluminum Engineer Grade Stop Sign	84.49	20.55
For Hi-Intensity Grade, Add				
			17.79	
For Diamond Grade, Add				
			28.20	
10 14 53 11-0007	EA	30" x 30" Aluminum Engineer Grade Stop Sign	98.73	21.61
For Hi-Intensity Grade, Add				
			6.67	
For Diamond Grade, Add				
			36.12	
10 14 53 11-0008	EA	36" x 36" Aluminum Engineer Grade Stop Sign	134.28	22.61
For Hi-Intensity Grade, Add				
			19.60	
For Diamond Grade, Add				
			61.46	

	Specialties	10
	Information Specialties	10 10
	Signage	10 14
MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

10 14 53 11-0009	Other ReflectORIZED Traffic Signs <small>(10 14 53 11-0002)</small>		
	Note: Other traffic signs includes reserve, handicap, visitor, no parking, property, speed limit, tow away, ADA, parking time limit, parking exclusive area, school, traffic/caution, etc. Excludes posts.		
10 14 53 11-0010	Aluminum Engineer Grade Traffic Signs <small>(10 14 53 11-0009)</small>		
10 14 53 11-0011	EA 6" x 12" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	40.23 2.21	16.44
10 14 53 11-0012	EA 6" x 18" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	43.91 3.31	16.44
10 14 53 11-0013	EA 9" x 12" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	43.91 3.31	16.44
10 14 53 11-0014	EA 9" x 15" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	46.67 4.14	16.44
10 14 53 11-0015	EA 9" x 18" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	49.43 4.97	16.44
10 14 53 11-0016	EA 9" x 24" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	56.99 6.62	17.47
10 14 53 11-0017	EA 9" x 48" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	79.06 13.24	17.47
10 14 53 11-0018	EA 12" x 12" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	47.59 4.41	16.44
10 14 53 11-0019	EA 12" x 18" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	56.99 6.62	17.47
10 14 53 11-0020	EA 12" x 24" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	64.35 8.83	17.47
10 14 53 11-0021	EA 12" x 30" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	71.70 11.03	17.47
10 14 53 11-0022	EA 12" x 36" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	79.06 13.24	17.47
10 14 53 11-0023	EA 18" x 18" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	68.03 9.93	17.47
10 14 53 11-0024	EA 18" x 24" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	79.06 13.24	17.47
10 14 53 11-0025	EA 18" x 30" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	92.15 16.55	18.49
10 14 53 11-0026	EA 18" x 36" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	103.18 19.86	18.49
10 14 53 11-0027	EA 18" x 48" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	133.46 26.48	22.61
10 14 53 11-0028	EA 18" x 54" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	144.50 29.79	22.61
10 14 53 11-0029	EA 24" x 24" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	95.83 17.65	18.49
10 14 53 11-0030	EA 24" x 30" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	110.54 22.07	18.49
10 14 53 11-0031	EA 24" x 36" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	125.24 26.48	18.49
10 14 53 11-0032	EA 24" x 42" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	148.17 30.89	22.61
10 14 53 11-0033	EA 24" x 48" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	162.88 35.30	22.61
10 14 53 11-0034	EA 24" x 54" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	177.59 39.71	22.61
10 14 53 11-0035	EA 24" x 60" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	192.30 44.13	22.61
10 14 53 11-0036	EA 30" x 30" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	128.92 27.58	18.49
10 14 53 11-0037	EA 30" x 36" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	155.53 33.10	22.61
10 14 53 11-0038	EA 30" x 42" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	173.91 38.61	22.61
10 14 53 11-0039	EA 30" x 48" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	200.51 44.13	26.71
10 14 53 11-0040	EA 30" x 60" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	245.51 55.16	30.83
10 14 53 11-0041	EA 36" x 36" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	177.59 39.71	22.61
10 14 53 11-0042	EA 36" x 42" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	207.87 46.34	26.71
10 14 53 11-0043	EA 36" x 48" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	238.16 52.95	30.83
10 14 53 11-0044	EA 36" x 54" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	260.22 59.57	30.83
10 14 53 11-0045	EA 36" x 60" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	290.51 66.19	34.93
10 14 53 11-0046	EA 36" x 73" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	346.53 80.53	39.04
10 14 53 11-0047	EA 36" x 78" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	364.92 86.05	39.04
10 14 53 11-0048	EA 36" x 108" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	487.57 119.15	45.21
10 14 53 11-0049	EA 42" x 42" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	241.84 54.06	30.83
10 14 53 11-0050	EA 48" x 48" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	305.22 70.61	34.93
10 14 53 11-0051	EA 48" x 54" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	342.85 79.43	39.04

10 Specialties
10 10 Information Specialties
10 14 Signage



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0052	EA		48" x 60" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	372.27 88.25	39.04
10 14 53 11-0053	EA		48" x 66" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	414.02 97.08	45.21
10 14 53 11-0054	EA		48" x 72" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	443.44 105.91	45.21
10 14 53 11-0055	EA		48" x 84" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	510.50 123.56	49.32
10 14 53 11-0056	EA		48" x 96" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	569.33 141.21	49.32
10 14 53 11-0057	EA		48" x 102" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	598.75 150.03	49.32
10 14 53 11-0058	EA		48" x 108" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	632.27 158.86	51.38
10 14 53 11-0059	EA		60" x 72" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	539.91 132.38	49.32
10 14 53 11-0060	EA		72" x 144" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	1,190.57 317.72	65.76
10 14 53 11-0061	EA		78" x 96" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	867.61 229.46	51.38

10 14 53 11-0062 Non-Reflectorized Traffic Signs (10 14 53 11-0001)
 Note: Includes reserved parking, handicap parking, visitor parking, no parking, tow away zones, etc. Excludes posts.

10 14 53 11-0063 Steel Non-Reflectorized Traffic Signs (10 14 53 11-0062)

10 14 53 11-0064	EA		6" x 12" Steel Non Reflectorized Traffic Sign	39.24	16.44
10 14 53 11-0065	EA		6" x 18" Steel Non Reflectorized Traffic Sign	42.42	16.44
10 14 53 11-0066	EA		9" x 12" Steel Non Reflectorized Traffic Sign	42.42	16.44
10 14 53 11-0067	EA		9" x 15" Steel Non Reflectorized Traffic Sign	44.80	16.44
10 14 53 11-0068	EA		9" x 18" Steel Non Reflectorized Traffic Sign	47.19	16.44
10 14 53 11-0069	EA		9" x 24" Steel Non Reflectorized Traffic Sign	54.00	17.47
10 14 53 11-0070	EA		9" x 48" Steel Non Reflectorized Traffic Sign	73.08	17.47
10 14 53 11-0071	EA		12" x 12" Steel Non Reflectorized Traffic Sign	45.60	16.44
10 14 53 11-0072	EA		12" x 18" Steel Non Reflectorized Traffic Sign	54.00	17.47
10 14 53 11-0073	EA		12" x 24" Steel Non Reflectorized Traffic Sign	60.36	17.47
10 14 53 11-0074	EA		12" x 30" Steel Non Reflectorized Traffic Sign	66.72	17.47
10 14 53 11-0075	EA		12" x 36" Steel Non Reflectorized Traffic Sign	73.08	17.47
10 14 53 11-0076	EA		18" x 18" Steel Non Reflectorized Traffic Sign	63.54	17.47
10 14 53 11-0077	EA		18" x 24" Steel Non Reflectorized Traffic Sign	73.08	17.47
10 14 53 11-0078	EA		18" x 30" Steel Non Reflectorized Traffic Sign	84.67	18.49
10 14 53 11-0079	EA		18" x 36" Steel Non Reflectorized Traffic Sign	94.21	18.49
10 14 53 11-0080	EA		18" x 48" Steel Non Reflectorized Traffic Sign	121.51	22.61
10 14 53 11-0081	EA		18" x 54" Steel Non Reflectorized Traffic Sign	131.04	22.61
10 14 53 11-0082	EA		24" x 24" Steel Non Reflectorized Traffic Sign	87.85	18.49
10 14 53 11-0083	EA		24" x 30" Steel Non Reflectorized Traffic Sign	100.57	18.49
10 14 53 11-0084	EA		24" x 36" Steel Non Reflectorized Traffic Sign	113.29	18.49
10 14 53 11-0085	EA		24" x 42" Steel Non Reflectorized Traffic Sign	134.22	22.61
10 14 53 11-0086	EA		24" x 48" Steel Non Reflectorized Traffic Sign	146.94	22.61
10 14 53 11-0087	EA		24" x 54" Steel Non Reflectorized Traffic Sign	159.65	22.61
10 14 53 11-0088	EA		24" x 60" Steel Non Reflectorized Traffic Sign	172.37	22.61
10 14 53 11-0089	EA		30" x 30" Steel Non Reflectorized Traffic Sign	116.47	18.49
10 14 53 11-0090	EA		30" x 36" Steel Non Reflectorized Traffic Sign	140.58	22.61
10 14 53 11-0091	EA		30" x 42" Steel Non Reflectorized Traffic Sign	156.47	22.61
10 14 53 11-0092	EA		30" x 48" Steel Non Reflectorized Traffic Sign	180.58	26.71
10 14 53 11-0093	EA		30" x 60" Steel Non Reflectorized Traffic Sign	220.60	30.83
10 14 53 11-0094	EA		36" x 36" Steel Non Reflectorized Traffic Sign	159.65	22.61
10 14 53 11-0095	EA		36" x 42" Steel Non Reflectorized Traffic Sign	186.94	26.71
10 14 53 11-0096	EA		36" x 48" Steel Non Reflectorized Traffic Sign	214.24	30.83
10 14 53 11-0097	EA		36" x 54" Steel Non Reflectorized Traffic Sign	233.32	30.83
10 14 53 11-0098	EA		36" x 60" Steel Non Reflectorized Traffic Sign	260.61	34.93
10 14 53 11-0099	EA		36" x 73" Steel Non Reflectorized Traffic Sign	310.16	39.04
10 14 53 11-0100	EA		36" x 78" Steel Non Reflectorized Traffic Sign	326.05	39.04
10 14 53 11-0101	EA		36" x 108" Steel Non Reflectorized Traffic Sign	433.75	45.21
10 14 53 11-0102	EA		42" x 42" Steel Non Reflectorized Traffic Sign	217.42	30.83
10 14 53 11-0103	EA		48" x 48" Steel Non Reflectorized Traffic Sign	273.33	34.93
10 14 53 11-0104	EA		48" x 54" Steel Non Reflectorized Traffic Sign	306.98	39.04
10 14 53 11-0105	EA		48" x 60" Steel Non Reflectorized Traffic Sign	332.41	39.04
10 14 53 11-0106	EA		48" x 66" Steel Non Reflectorized Traffic Sign	370.17	45.21
10 14 53 11-0107	EA		48" x 72" Steel Non Reflectorized Traffic Sign	395.60	45.21
10 14 53 11-0108	EA		48" x 84" Steel Non Reflectorized Traffic Sign	454.69	49.32
10 14 53 11-0109	EA		48" x 96" Steel Non Reflectorized Traffic Sign	505.55	49.32
10 14 53 11-0110	EA		48" x 102" Steel Non Reflectorized Traffic Sign	530.98	49.32
10 14 53 11-0111	EA		48" x 108" Steel Non Reflectorized Traffic Sign	560.52	51.38
10 14 53 11-0112	EA		60" x 72" Steel Non Reflectorized Traffic Sign	480.12	49.32
10 14 53 11-0113	EA		72" x 144" Steel Non Reflectorized Traffic Sign	1,047.06	65.76
10 14 53 11-0114	EA		78" x 96" Steel Non Reflectorized Traffic Sign	763.97	51.38

10 14 53 11-0115 Aluminum Non-Reflectorized Traffic Signs (10 14 53 11-0062)

10 14 53 11-0116	EA		6" x 12" Aluminum Non Reflectorized Traffic Sign	39.50	16.44
10 14 53 11-0117	EA		6" x 18" Aluminum Non Reflectorized Traffic Sign	42.81	16.44
10 14 53 11-0118	EA		9" x 12" Aluminum Non Reflectorized Traffic Sign	42.81	16.44
10 14 53 11-0119	EA		9" x 15" Aluminum Non Reflectorized Traffic Sign	45.29	16.44
10 14 53 11-0120	EA		9" x 18" Aluminum Non Reflectorized Traffic Sign	47.77	16.44

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0121	EA		9" x 24" Aluminum Non Reflectorized Traffic Sign	54.78	17.47
10 14 53 11-0122	EA		9" x 48" Aluminum Non Reflectorized Traffic Sign	74.63	17.47
10 14 53 11-0123	EA		12" x 12" Aluminum Non Reflectorized Traffic Sign	46.11	16.44
10 14 53 11-0124	EA		12" x 18" Aluminum Non Reflectorized Traffic Sign	54.78	17.47
10 14 53 11-0125	EA		12" x 24" Aluminum Non Reflectorized Traffic Sign	61.40	17.47
10 14 53 11-0126	EA		12" x 30" Aluminum Non Reflectorized Traffic Sign	68.02	17.47
10 14 53 11-0127	EA		12" x 36" Aluminum Non Reflectorized Traffic Sign	74.63	17.47
10 14 53 11-0128	EA		18" x 18" Aluminum Non Reflectorized Traffic Sign	64.71	17.47
10 14 53 11-0129	EA		18" x 24" Aluminum Non Reflectorized Traffic Sign	74.63	17.47
10 14 53 11-0130	EA		18" x 30" Aluminum Non Reflectorized Traffic Sign	86.62	18.49
10 14 53 11-0131	EA		18" x 36" Aluminum Non Reflectorized Traffic Sign	96.54	18.49
10 14 53 11-0132	EA		18" x 48" Aluminum Non Reflectorized Traffic Sign	124.62	22.61
10 14 53 11-0133	EA		18" x 54" Aluminum Non Reflectorized Traffic Sign	134.54	22.61
10 14 53 11-0134	EA		24" x 24" Aluminum Non Reflectorized Traffic Sign	89.93	18.49
10 14 53 11-0135	EA		24" x 30" Aluminum Non Reflectorized Traffic Sign	103.16	18.49
10 14 53 11-0136	EA		24" x 36" Aluminum Non Reflectorized Traffic Sign	116.40	18.49
10 14 53 11-0137	EA		24" x 42" Aluminum Non Reflectorized Traffic Sign	137.85	22.61
10 14 53 11-0138	EA		24" x 48" Aluminum Non Reflectorized Traffic Sign	151.08	22.61
10 14 53 11-0139	EA		24" x 54" Aluminum Non Reflectorized Traffic Sign	164.32	22.61
10 14 53 11-0140	EA		24" x 60" Aluminum Non Reflectorized Traffic Sign	177.55	22.61
10 14 53 11-0141	EA		30" x 30" Aluminum Non Reflectorized Traffic Sign	119.70	18.49
10 14 53 11-0142	EA		30" x 36" Aluminum Non Reflectorized Traffic Sign	144.47	22.61
10 14 53 11-0143	EA		30" x 42" Aluminum Non Reflectorized Traffic Sign	161.01	22.61
10 14 53 11-0144	EA		30" x 48" Aluminum Non Reflectorized Traffic Sign	185.76	26.71
10 14 53 11-0145	EA		30" x 60" Aluminum Non Reflectorized Traffic Sign	227.08	30.83
10 14 53 11-0146	EA		36" x 36" Aluminum Non Reflectorized Traffic Sign	164.32	22.61
10 14 53 11-0147	EA		36" x 42" Aluminum Non Reflectorized Traffic Sign	192.38	26.71
10 14 53 11-0148	EA		36" x 48" Aluminum Non Reflectorized Traffic Sign	220.46	30.83
10 14 53 11-0149	EA		36" x 54" Aluminum Non Reflectorized Traffic Sign	240.31	30.83
10 14 53 11-0150	EA		36" x 60" Aluminum Non Reflectorized Traffic Sign	268.38	34.93
10 14 53 11-0151	EA		36" x 73" Aluminum Non Reflectorized Traffic Sign	319.61	39.04
10 14 53 11-0152	EA		36" x 78" Aluminum Non Reflectorized Traffic Sign	336.16	39.04
10 14 53 11-0153	EA		36" x 108" Aluminum Non Reflectorized Traffic Sign	447.74	45.21
10 14 53 11-0154	EA		42" x 42" Aluminum Non Reflectorized Traffic Sign	223.77	30.83
10 14 53 11-0155	EA		48" x 48" Aluminum Non Reflectorized Traffic Sign	281.62	34.93
10 14 53 11-0156	EA		48" x 54" Aluminum Non Reflectorized Traffic Sign	316.31	39.04
10 14 53 11-0157	EA		48" x 60" Aluminum Non Reflectorized Traffic Sign	342.77	39.04
10 14 53 11-0158	EA		48" x 66" Aluminum Non Reflectorized Traffic Sign	381.57	45.21
10 14 53 11-0159	EA		48" x 72" Aluminum Non Reflectorized Traffic Sign	408.04	45.21
10 14 53 11-0160	EA		48" x 84" Aluminum Non Reflectorized Traffic Sign	469.20	49.32
10 14 53 11-0161	EA		48" x 96" Aluminum Non Reflectorized Traffic Sign	522.13	49.32
10 14 53 11-0162	EA		48" x 102" Aluminum Non Reflectorized Traffic Sign	548.60	49.32
10 14 53 11-0163	EA		48" x 108" Aluminum Non Reflectorized Traffic Sign	579.17	51.38
10 14 53 11-0164	EA		60" x 72" Aluminum Non Reflectorized Traffic Sign	495.67	49.32
10 14 53 11-0165	EA		72" x 144" Aluminum Non Reflectorized Traffic Sign	1,084.37	65.76
10 14 53 11-0166	EA		78" x 96" Aluminum Non Reflectorized Traffic Sign	790.92	51.38
10 14 53 11-0167			Aluminum Street Signs (10 14 53 11-0001)		
			Note: Excludes posts.		
10 14 53 11-0168			Aluminum Engineer Grade Street Signs (10 14 53 11-0167)		
10 14 53 11-0169	EA		6" High, Aluminum Engineer Grade Street Sign	77.26	8.22
10 14 53 11-0170	EA		8" High, Aluminum Engineer Grade Street Sign	88.00	8.22
10 14 53 11-0171	EA		9" High, Aluminum Engineer Grade Street Sign	95.99	8.22
10 14 53 11-0172			Street Sign Accessories (10 14 53 11-0167)		
10 14 53 11-0173	EA		Single Bracket And Post Cap For Street Sign	22.85	4.11
10 14 53 11-0174	EA		Double Bracket And Post Cap For Street Sign	22.85	4.11
10 14 53 11-0175			Sign Posts (10 14 53 11-0001)		
			Note: Excludes sign. See CSI section 32 31 13 13-0001 for auguring of holes and backfill.		
10 14 53 11-0176			U-Channel Sign Posts (10 14 53 11-0175)		
			Note: Excludes digging and concrete.		
10 14 53 11-0177			Baked Enamel U-Channel Sign Posts (10 14 53 11-0176)		
10 14 53 11-0178	EA		3' To 4' Baked Enamel U-Channel Sign Post Base	59.03	16.83
10 14 53 11-0179	EA		6' Baked Enamel U-Channel Sign Post	77.77	21.04
10 14 53 11-0180	EA		7' Baked Enamel U-Channel Sign Post	92.83	25.24
10 14 53 11-0181	EA		8' Baked Enamel U-Channel Sign Post	108.71	29.45
10 14 53 11-0182	EA		10' Baked Enamel U-Channel Sign Post	131.12	35.76
10 14 53 11-0183	EA		12' Baked Enamel U-Channel Sign Post	135.19	35.76
10 14 53 11-0184			Galvanized Steel U-Channel Sign Posts (10 14 53 11-0176)		
10 14 53 11-0185	EA		3' To 4' Galvanized Steel U-Channel Sign Post Base	64.27	16.83
10 14 53 11-0186	EA		6' Galvanized Steel U-Channel Sign Post	86.07	21.04
10 14 53 11-0187	EA		7' Galvanized Steel U-Channel Sign Post	111.61	25.24
10 14 53 11-0188	EA		8' Galvanized Steel U-Channel Sign Post	129.48	29.45
10 14 53 11-0189	EA		10' Galvanized Steel U-Channel Sign Post	146.23	35.76
10 14 53 11-0190	EA		12' Galvanized Steel U-Channel Sign Post	148.34	35.76

10	10	Specialties
	10 10	Information Specialties
	10 14	Signage



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 14 53 11-0191			Fiberglass Or Composite Plastic U-Channel Sign Posts (10 14 53 11-0176)		
10 14 53 11-0192	EA		3' To 4' Fiberglass Or Composite Plastic U-Channel Sign Post Base.....	57.80	16.83
10 14 53 11-0193	EA		6' Fiberglass Or Composite Plastic U-Channel Sign Post.....	75.08	21.04
10 14 53 11-0194	EA		7' Fiberglass Or Composite Plastic U-Channel Sign Post.....	89.59	25.24
10 14 53 11-0195	EA		8' Fiberglass Or Composite Plastic U-Channel Sign Post.....	104.85	29.45
10 14 53 11-0196	EA		10' Fiberglass Or Composite Plastic U-Channel Sign Post.....	124.12	35.76
10 14 53 11-0197	EA		12' Fiberglass Or Composite Plastic U-Channel Sign Post.....	131.04	35.76

10 14 53 11-0198			Tubular Sign Posts (10 14 53 11-0175) Note: Excludes digging and concrete.		
10 14 53 11-0199			2-3/8" Diameter, Galvanized Steel Tubular Sign Post (10 14 53 11-0198)		
10 14 53 11-0200	EA		6', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post.....	86.93	21.04
10 14 53 11-0201	EA		7', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post.....	103.09	25.24
10 14 53 11-0202	EA		8', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post.....	121.86	29.45
10 14 53 11-0203	EA		10', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post.....	157.60	35.76
10 14 53 11-0204	EA		12', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post.....	171.85	35.76

10 14 53 11-0205			Square Sign Posts (10 14 53 11-0175) Note: Excludes digging and concrete.		
10 14 53 11-0206			Galvanized Steel Square Sign Posts (10 14 53 11-0205)		
10 14 53 11-0207	EA		3' To 4' Galvanized Steel Square Sign Post Base.....	65.43	16.83
10 14 53 11-0208	EA		6' Galvanized Steel Square Sign Post.....	105.74	21.04
10 14 53 11-0209	EA		7' Galvanized Steel Square Sign Post.....	123.85	25.24
10 14 53 11-0210	EA		8' Galvanized Steel Square Sign Post.....	144.45	29.45
10 14 53 11-0211	EA		10' Galvanized Steel Square Sign Post.....	176.45	35.76
10 14 53 11-0212	EA		12' Galvanized Steel Square Sign Post.....	186.40	35.76

10 14 53 11-0213			Sign Post Accessories (10 14 53 11-0001)		
10 14 53 11-0214			Sign Post Brackets (10 14 53 11-0213)		
10 14 53 11-0215	EA		2-3/8" Outside Diameter, Single Side Sign Bracket Set..... Note: Includes 2 single side sign post brackets	45.62	6.16
10 14 53 11-0216	EA		2-3/8" Outside Diameter, Double Side Sign Bracket Set..... Note: Includes 2 double side sign post brackets	60.55	10.28
10 14 53 11-0217	EA		4" To 12" Diameter, Buckle Bracket Set..... Note: Includes 2 stainless steel straps, 2 brackets and fastener hardware	54.99	8.22

10 14 53 11-0218			Sign Post Caps (10 14 53 11-0213)		
10 14 53 11-0219	EA		2-3/8" Diameter, Galvanized, Flat Traffic Sign Post Cap (EC-2).....	20.64	4.11

10 14 53 11-0220			Sign Post Replacement Bolts (10 14 53 11-0213)		
10 14 53 11-0221	EA		Signage Fasteners Replacement..... Note: Includes two 5/16" x 2" long bolts, two 5/16" nuts And four 5/16" washers	14.17	

10 14 53 11-0222			Removal Of Signs (10 14 53 11) Note: Includes structural supports.		
10 14 53 11-0223	EA		>4 To 10 SF Sign Area, Sign Removal.....	164.39	
10 14 53 11-0224	EA		>10 To 20 SF Sign Area, Sign Removal.....	394.54	
10 14 53 11-0225	EA		>20 To 40 SF Sign Area, Sign Removal.....	591.81	
10 14 53 11-0226	EA		>40 To 100 SF Sign Area, Sign Removal.....	1,020.56	

10 14 53 11-0227			Removal And Reinstallation Of Signs (10 14 53 11) Note: Includes structural supports.		
10 14 53 11-0228	EA		>4 To 10 SF Sign Area, Removal And Reinstallation Of Sign.....	251.16	
10 14 53 11-0229	EA		>10 To 20 SF Sign Area, Removal And Reinstallation Of Sign.....	595.06	
10 14 53 11-0230	EA		>20 SF To 40 SF Sign Area, Removal And Reinstallation Of Sign.....	890.49	
10 14 53 11-0231	EA		>40 SF To 100 SF Sign Area, Removal And Reinstallation Of Sign.....	1,533.40	
10 14 53 11-0232	EA		Removal And Reinstallation Of Street Sign On Post.....	94.52	
10 14 53 11-0233	EA		Removal And Relocation Of Traffic Light..... Note: Excludes electrical hookup.	351.90	

10 14 56			Bridge Signage (10 14)		
10 14 56 00-0001			Bridge And Truss Mounted Signs (10 14 56)		
10 14 56 00-0002			Removal Of Bridge And Truss Mounted Signs (10 14 56 00-0001)		
10 14 56 00-0003	CF		Removal Of Foundation..... Note: Including Excavation	16.40	
10 14 56 00-0004	LF		Removal Of Truss And Supports.....	219.75	
10 14 56 00-0005	SF		Removal Of Sign Face.....	10.04	
10 14 56 00-0006	SF		Removal Of Legend.....	16.74	
10 14 56 00-0007	EA		Removal Of Changeable Message Panel.....	193.18	
10 14 56 00-0008	EA		Removal Of Posts And Supports, Per Post.....	100.45	

10 14 56 00-0009			Fabricate And Install New Reflective Messages On Sign Face (10 14 56 00-0001)		
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	Specialties	10
	Information Specialties	10 10
	Signage	10 14
MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 14 56 00-0010		One Color/3 Dimensional Demountable Letters <small>(10 14 56 00-0009)</small>		
10 14 56 00-0011	EA	6" Capital Height Letter.....		27.79
10 14 56 00-0012	EA	8" Capital Height Letter.....		32.79
10 14 56 00-0013	EA	10" Capital Height Letter.....		37.77
10 14 56 00-0014	EA	12" Capital Height Letter.....		42.25
10 14 56 00-0015	EA	14" Capital Height Letter.....		44.86
10 14 56 00-0016		Two Color Legend Shields-Die Cut Vinyl Engineer Grade <small>(10 14 56 00-0009)</small>		
10 14 56 00-0017	EA	6" Legend/Shields.....		28.67
10 14 56 00-0018	EA	8" Legend/Shields.....		33.96
10 14 56 00-0019	EA	10" Legend/Shields.....		39.23
10 14 56 00-0020	EA	12" Legend/Shields.....		44.00
10 14 56 00-0021	EA	14" Legend/Shields.....		46.92

10 20 Interior Specialties (10)

10 21 Compartments and Cubicles (10 20)

10 21 13 Toilet Compartments (10 21)

10 21 13 13 Metal Toilet Compartments (10 21 13)

10 21 13 13-0001		Enamel Coated Steel Toilet Partitions And Urinal Screens <small>(10 21 13 13)</small>		
<p>Note: Complete toilet partitions for corner installations. Includes 1" door, 1-1/4" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of galvanized sheet metal, cleaned, primed and finished with oven baked enamel or epoxy coating.</p>				
10 21 13 13-0002		Enamel Coated Steel Toilet Partitions <small>(10 21 13 13-0001)</small>		
<p>Note: All colors.</p>				
10 21 13 13-0003		Floor Anchored, Enamel Coated Steel, Complete Toilet Partitions <small>(10 21 13 13-0002)</small>		
10 21 13 13-0004	EA	36" x 60", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition.....	1,035.41	130.90
		<i>For >10, Deduct</i>	-77.36	
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
10 21 13 13-0005	EA	60" x 60", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition.....	1,251.60	142.54
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
10 21 13 13-0006	EA	60" x 78", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition.....	1,336.60	148.36
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
10 21 13 13-0007		Overhead Braced, Enamel Coated Steel, Complete Toilet Partitions <small>(10 21 13 13-0002)</small>		
<p>Note: Includes headrail.</p>				
10 21 13 13-0008	EA	36" x 60", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition.....	1,078.88	160.00
		<i>For >10, Deduct</i>	-75.89	
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
10 21 13 13-0009	EA	60" x 60", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition.....	1,252.83	171.63
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
10 21 13 13-0010	EA	60" x 78", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition.....	1,324.20	177.45
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
10 21 13 13-0011		Floor And Ceiling Anchored, Enamel Coated Steel, Complete Toilet Partitions <small>(10 21 13 13-0002)</small>		
<p>Note: Excludes above ceiling steel.</p>				
10 21 13 13-0012	EA	36" x 60", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition.....	1,273.39	189.09
		<i>For >10, Deduct</i>	-89.52	
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
10 21 13 13-0013	EA	60" x 60", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition.....	1,483.87	200.73
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
10 21 13 13-0014	EA	60" x 78", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition.....	1,558.41	206.54
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
10 21 13 13-0015		Ceiling Hung, Enamel Coated Steel, Complete Toilet Partitions <small>(10 21 13 13-0002)</small>		
<p>Note: Excludes above ceiling steel.</p>				
10 21 13 13-0016	EA	36" x 60", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition.....	1,231.99	218.18
		<i>For >10, Deduct</i>	-79.56	
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
10 21 13 13-0017	EA	60" x 60", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	1,477.61	229.82
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
10 21 13 13-0018	EA	60" x 78", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	1,560.46	235.64
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	

10 Specialties**10 20 Interior Specialties****10 21 Compartments and Cubicles**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
10 21 13 13-0019		Enamel Coated Steel Urinal Screens (10 21 13 13-0001) Note: All colors.			
10 21 13 13-0020		Floor Anchored, Enamel Coated Steel, Urinal Screens (10 21 13 13-0019)			
10 21 13 13-0021	EA	24" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	548.71 59.40		81.42
10 21 13 13-0022	EA	36" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	608.13 59.40		87.23
10 21 13 13-0023	EA	48" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	669.36 59.40		93.05
10 21 13 13-0024		Wall Hung, Enamel Coated Steel, Urinal Screens (10 21 13 13-0019)			
10 21 13 13-0025	EA	18" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	312.30 59.40		69.79
10 21 13 13-0026	EA	24" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	336.81 59.40		75.61
10 21 13 13-0027	EA	30" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	355.77 59.40		81.42
10 21 13 13-0028		Wall Hung, Wedge Shaped, Enamel Coated Steel, Urinal Screens (10 21 13 13-0019)			
10 21 13 13-0029	EA	18" x 30" x 1", Wall Hung, Wedge Shaped, Enamel Coated Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	402.87 59.40		75.61
10 21 13 13-0030		Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screens (10 21 13 13-0019)			
10 21 13 13-0031	EA	18" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	450.72 59.40		75.61
10 21 13 13-0032	EA	24" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	480.73 59.40		81.42
10 21 13 13-0033	EA	30" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	510.73 59.40		87.23
10 21 13 13-0034		Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screens (10 21 13 13-0019)			
10 21 13 13-0035	EA	22" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	508.28 59.40		81.42
10 21 13 13-0036	EA	34" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	545.65 59.40		87.23
10 21 13 13-0037	EA	46" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	603.22 59.40		93.05
10 21 13 13-0038		Enamel Coated Steel Toilet Partition Doors, Panels And Pilasters (10 21 13 13-0001) Note: All colors. See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.			
10 21 13 13-0039		Enamel Coated Steel, Toilet Partition Doors (10 21 13 13-0038)			
10 21 13 13-0040	EA	24" x 58" x 1", Enamel Coated Steel, Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	325.85 95.58		23.27
10 21 13 13-0041	EA	26" x 58" x 1", Enamel Coated Steel, Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	333.20 95.58		23.27
10 21 13 13-0042	EA	30" x 58" x 1", Enamel Coated Steel, Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	353.22 95.58		25.02
10 21 13 13-0043	EA	34" x 58" x 1", Enamel Coated Steel, ADA Compliant Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	386.29 95.58		25.02
10 21 13 13-0044	EA	36" x 58" x 1", Enamel Coated Steel, ADA Compliant Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	393.64 95.58		25.02
10 21 13 13-0045		Enamel Coated Steel, Toilet Partition Panels (10 21 13 13-0038)			
10 21 13 13-0046	EA	6" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	235.20 59.40		34.91
10 21 13 13-0047	EA	12" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	259.39 59.40		37.82
10 21 13 13-0048	EA	18" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	283.57 59.40		40.73
10 21 13 13-0049	EA	24" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	307.77 59.40		43.64
10 21 13 13-0050	EA	30" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	331.97 59.40		46.55
10 21 13 13-0051	EA	36" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	356.15 59.40		49.46
10 21 13 13-0052	EA	42" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	378.51 59.40		52.37
10 21 13 13-0053	EA	48" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	402.70 59.40		55.28
10 21 13 13-0054	EA	55" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	419.55 59.40		58.18
10 21 13 13-0055	EA	58" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Panel Reinforced At ADA Grab Bar, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	429.22 42.00 59.40		59.34
10 21 13 13-0056	EA	60" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Panel Reinforced At ADA Grab Bar, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	441.90 42.00 59.40		61.09

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 21 13 13-0057	EA			70" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Panel Reinforced At ADA Grab Bar, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	482.64 42.00 59.40	64.00
10 21 13 13-0058	EA			78" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Panel Reinforced At ADA Grab Bar, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	517.85 42.00 59.40	66.91
10 21 13 13-0059				70" Long, Enamel Coated Steel, Toilet Partition Pilasters <small>(10 21 13 13-0038)</small>		
10 21 13 13-0060	EA			Up To 4" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	178.23 59.40	17.46
10 21 13 13-0061	EA			5" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	196.92 59.40	20.36
10 21 13 13-0062	EA			6" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	217.44 59.40	23.27
10 21 13 13-0063	EA			8" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	252.66 59.40	26.18
10 21 13 13-0064	EA			10" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	286.03 59.40	29.09
10 21 13 13-0065	EA			12" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	319.41 59.40	32.00
10 21 13 13-0066	EA			18" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	411.60 59.40	34.91
10 21 13 13-0067	EA			22" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	472.54 59.40	37.82
10 21 13 13-0068	EA			24" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	507.75 59.40	40.73
10 21 13 13-0069				82" Long, Enamel Coated Steel, Toilet Partition Pilasters <small>(10 21 13 13-0038)</small>		
10 21 13 13-0070	EA			Up To 4" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	143.32 59.40	17.46
10 21 13 13-0071	EA			5" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	156.49 59.40	20.36
10 21 13 13-0072	EA			6" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	171.50 59.40	23.27
10 21 13 13-0073	EA			8" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	193.86 59.40	26.18
10 21 13 13-0074	EA			10" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	214.37 59.40	29.09
10 21 13 13-0075	EA			12" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	236.72 59.40	32.00
10 21 13 13-0076	EA			18" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	292.16 59.40	34.91
10 21 13 13-0077	EA			22" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	329.22 59.40	37.82
10 21 13 13-0078	EA			24" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	351.56 59.40	40.73
10 21 13 13-0079				96" To 120" Long, Enamel Coated Steel, Partition Pilasters <small>(10 21 13 13-0038)</small>		
10 21 13 13-0080	EA			Up To 4" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	199.06 59.40	23.27
10 21 13 13-0081	EA			5" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	217.75 59.40	26.18
10 21 13 13-0082	EA			6" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	238.26 59.40	29.09
10 21 13 13-0083	EA			8" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	273.48 59.40	32.00
10 21 13 13-0084	EA			10" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	306.86 59.40	34.91
10 21 13 13-0085	EA			12" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	340.24 59.40	37.82
10 21 13 13-0086	EA			18" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	432.41 59.40	40.73
10 21 13 13-0087	EA			22" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	493.36 59.40	43.64
10 21 13 13-0088	EA			24" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	528.58 59.40	46.55
10 21 13 14				Stainless-Steel Toilet Compartments <small>(10 21 13)</small>		
10 21 13 14-0001				Stainless Steel Toilet Partitions And Urinal Screens <small>(10 21 13 14)</small> Note: Complete toilet partitions for corner installations. Includes 1" door, 1-1/4" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of type 304 stainless steel. Includes satin finish.		
10 21 13 14-0002				Stainless Steel Toilet Partitions <small>(10 21 13 14-0001)</small>		
10 21 13 14-0003				Floor Anchored, Stainless Steel, Complete Toilet Partitions <small>(10 21 13 14-0002)</small>		
10 21 13 14-0004	EA			36" x 60", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition..... <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	2,562.94 -230.11 214.38 805.39	130.90

10 Specialties**10 20 Interior Specialties****10 21 Compartments and Cubicles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 14-0005	EA		60" x 60", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	3,096.54 214.38 984.01	142.54
10 21 13 14-0006	EA		60" x 78", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	3,243.44 214.38 1,031.35	148.36
10 21 13 14-0007			Overhead Braced, Stainless Steel, Complete Toilet Partitions (10 21 13 14-0002) Note: Includes headrail.		
10 21 13 14-0008	EA		36" x 60", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	2,163.89 -184.39 214.38 645.37	160.00
10 21 13 14-0009	EA		60" x 60", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	2,636.84 214.38 802.75	171.63
10 21 13 14-0010	EA		60" x 78", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	2,874.55 214.38 881.88	177.45
10 21 13 14-0011			Floor And Ceiling Anchored, Stainless Steel, Complete Toilet Partitions (10 21 13 14-0002) Note: Excludes above ceiling steel.		
10 21 13 14-0012	EA		36" x 60", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	3,001.33 -262.32 214.38 918.10	189.09
10 21 13 14-0013	EA		60" x 60", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	3,219.29 214.38 986.25	200.73
10 21 13 14-0014	EA		60" x 78", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	3,370.49 214.38 1,035.09	206.54
10 21 13 14-0015			Ceiling Hung, Stainless Steel, Complete Toilet Partitions (10 21 13 14-0002) Note: Excludes above ceiling steel.		
10 21 13 14-0016	EA		36" x 60", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	3,000.87 -256.45 214.38 897.58	218.18
10 21 13 14-0017	EA		60" x 60", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	3,657.05 214.38 1,119.10	229.82
10 21 13 14-0018	EA		60" x 78", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	3,846.23 214.38 1,181.24	235.64
10 21 13 14-0019			Stainless Steel Urinal Screens (10 21 13 14-0001)		
10 21 13 14-0020			Floor Anchored, Stainless Steel, Urinal Screens (10 21 13 14-0019)		
10 21 13 14-0021	EA		24" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	841.22 59.40 237.44	81.42
10 21 13 14-0022	EA		36" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	952.84 59.40 272.43	87.23
10 21 13 14-0023	EA		48" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	972.65 59.40 275.29	93.05
10 21 13 14-0024			Wall Hung, Stainless Steel, Urinal Screens (10 21 13 14-0019)		
10 21 13 14-0025	EA		18" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	620.86 59.40 168.45	69.79
10 21 13 14-0026	EA		24" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	671.81 59.40 182.21	75.61
10 21 13 14-0027	EA		30" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	733.54 59.40 199.75	81.42
10 21 13 14-0028			Wall Hung And Post Supported, Stainless Steel, Urinal Screens (10 21 13 14-0019)		
10 21 13 14-0029	EA		18" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	1,012.52 59.40 301.46	75.61

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 21 13 14-0030	EA			24" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	1,060.97 59.40 314.35	81.42
10 21 13 14-0031	EA			30" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	1,109.19 59.40 327.15	87.23
10 21 13 14-0032				Wall Hung And Overhead Braced, Stainless Steel, Urinal Screens <small>(10 21 13 14-0019)</small>		
10 21 13 14-0033	EA			22" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	841.22 59.40 237.44	81.42
10 21 13 14-0034	EA			34" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	952.83 59.40 272.43	87.23
10 21 13 14-0035	EA			46" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	1,069.13 59.40 309.06	93.05
10 21 13 14-0036				Stainless Steel Toilet Partition Doors, Panels And Pilasters <small>(10 21 13 14-0001)</small> See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.		
10 21 13 14-0037				Stainless Steel, Toilet Partition Doors <small>(10 21 13 14-0036)</small>		
10 21 13 14-0038	EA			24" x 58" x 1", Stainless Steel, Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For Diamond Pattern Finish, Add</i>	559.73 95.58 179.61	23.27
10 21 13 14-0039	EA			26" x 58" x 1", Stainless Steel, Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For Diamond Pattern Finish, Add</i>	640.78 95.58 207.98	23.27
10 21 13 14-0040	EA			30" x 58" x 1", Stainless Steel, Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For Diamond Pattern Finish, Add</i>	657.83 95.58 211.91	26.18
10 21 13 14-0041	EA			34" x 58" x 1", Stainless Steel, ADA Compliant Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For Diamond Pattern Finish, Add</i>	681.23 95.58 220.10	26.18
10 21 13 14-0042	EA			36" x 58" x 1", Stainless Steel, ADA Compliant Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For Diamond Pattern Finish, Add</i>	687.74 95.58 222.38	26.18
10 21 13 14-0043				Stainless Steel, Toilet Partition Panels <small>(10 21 13 14-0036)</small>		
10 21 13 14-0044	EA			6" x 58" x 1", Stainless Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	481.61 59.40 144.13	34.91
10 21 13 14-0045	EA			12" x 58" x 1", Stainless Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	534.99 59.40 160.77	37.82
10 21 13 14-0046	EA			18" x 58" x 1", Stainless Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	557.24 59.40 166.53	40.73
10 21 13 14-0047	EA			24" x 58" x 1", Stainless Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	582.61 59.40 173.37	43.64
10 21 13 14-0048	EA			30" x 58" x 1", Stainless Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	625.38 59.40 186.30	46.55
10 21 13 14-0049	EA			36" x 58" x 1", Stainless Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	675.17 59.40 201.69	49.46
10 21 13 14-0050	EA			42" x 58" x 1", Stainless Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	790.67 59.40 240.08	52.37
10 21 13 14-0051	EA			48" x 58" x 1", Stainless Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	866.00 59.40 264.41	55.28
10 21 13 14-0052	EA			55" x 58" x 1", Stainless Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	888.28 59.40 270.17	58.18
10 21 13 14-0053	EA			58" x 58" x 1", Stainless Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	932.67 59.40 284.90	59.34
10 21 13 14-0054	EA			60" x 58" x 1", Stainless Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	991.05 59.40 304.10	61.09
10 21 13 14-0055	EA			70" x 58" x 1", Stainless Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	1,038.41 59.40 318.64	64.00
10 21 13 14-0056	EA			78" x 58" x 1", Stainless Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	1,139.86 59.40 352.12	66.91
10 21 13 14-0057				70" Long, Stainless Steel, Toilet Partition Pilasters <small>(10 21 13 14-0036)</small>		
10 21 13 14-0058	EA			Up To 4" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	334.90 59.40 105.00	17.46

10 Specialties**10 20 Interior Specialties****10 21 Compartments and Cubicles**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

10 21 13 14-0059	EA	5" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	364.50	20.36
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For Diamond Pattern Finish, Add</i>	113.32	
10 21 13 14-0060	EA	6" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	395.93	23.27
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For Diamond Pattern Finish, Add</i>	122.28	
10 21 13 14-0061	EA	8" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	451.13	26.18
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For Diamond Pattern Finish, Add</i>	139.57	
10 21 13 14-0062	EA	10" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	506.33	29.09
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For Diamond Pattern Finish, Add</i>	156.85	
10 21 13 14-0063	EA	12" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	561.54	32.00
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For Diamond Pattern Finish, Add</i>	174.14	
10 21 13 14-0064	EA	18" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	713.69	34.91
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For Diamond Pattern Finish, Add</i>	225.35	
10 21 13 14-0065	EA	22" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	818.29	37.82
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For Diamond Pattern Finish, Add</i>	259.93	
10 21 13 14-0066	EA	24" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	873.49	40.73
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For Diamond Pattern Finish, Add</i>	277.21	
10 21 13 14-0067		82" Long, Stainless Steel, Toilet Partition Pilasters (10 21 13 14-0036)		
10 21 13 14-0068	EA	Up To 4" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	255.40	17.46
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For Diamond Pattern Finish, Add</i>	77.17	
10 21 13 14-0069	EA	5" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	276.31	20.36
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For Diamond Pattern Finish, Add</i>	82.45	
10 21 13 14-0070	EA	6" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	297.99	23.27
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For Diamond Pattern Finish, Add</i>	88.00	
10 21 13 14-0071	EA	8" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	387.50	26.18
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For Diamond Pattern Finish, Add</i>	117.30	
10 21 13 14-0072	EA	10" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	437.41	29.09
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For Diamond Pattern Finish, Add</i>	132.73	
10 21 13 14-0073	EA	12" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	452.37	32.00
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For Diamond Pattern Finish, Add</i>	135.93	
10 21 13 14-0074	EA	18" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	512.79	34.91
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For Diamond Pattern Finish, Add</i>	155.04	
10 21 13 14-0075	EA	22" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	578.67	37.82
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For Diamond Pattern Finish, Add</i>	176.06	
10 21 13 14-0076	EA	24" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	614.26	40.73
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For Diamond Pattern Finish, Add</i>	186.48	
10 21 13 14-0077		96" To 120" Long, Stainless Steel, Toilet Partition Pilasters (10 21 13 14-0036)		
10 21 13 14-0078	EA	Up To 4" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	366.66	23.27
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For Diamond Pattern Finish, Add</i>	112.04	
10 21 13 14-0079	EA	5" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	401.75	26.18
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For Diamond Pattern Finish, Add</i>	122.28	
10 21 13 14-0080	EA	6" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	434.99	29.09
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For Diamond Pattern Finish, Add</i>	131.88	
10 21 13 14-0081	EA	8" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	499.35	32.00
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For Diamond Pattern Finish, Add</i>	152.37	
10 21 13 14-0082	EA	10" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	561.87	34.91
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For Diamond Pattern Finish, Add</i>	172.22	
10 21 13 14-0083	EA	12" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	624.40	37.82
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For Diamond Pattern Finish, Add</i>	192.07	
10 21 13 14-0084	EA	18" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	803.98	40.73
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For Diamond Pattern Finish, Add</i>	252.89	
10 21 13 14-0085	EA	22" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	923.21	43.64
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For Diamond Pattern Finish, Add</i>	292.58	
10 21 13 14-0086	EA	24" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	987.56	46.55
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For Diamond Pattern Finish, Add</i>	313.06	

10 21 13 16 Plastic-Laminate-Clad Toilet Compartments (10 21 13)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 21 13 16-0001	Laminated Plastic Toilet Partitions And Urinal Screens <small>(10 21 13 16)</small> Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of a sandwich of high pressure decorative plastic laminate bonded to a solid industrial-grade particle board.		
10 21 13 16-0002	Laminated Plastic Toilet Partitions <small>(10 21 13 16-0001)</small> Note: Includes all standard Bobrick colors.		
10 21 13 16-0003	Floor Anchored, Laminated Plastic, Complete Toilet Partitions <small>(10 21 13 16-0002)</small>		
10 21 13 16-0004	EA 36" x 60", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition <i>For >10, Deduct</i> <i>For Cast Stainless Steel Hardware, Add</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	1,307.07 -104.53 172.22 214.38	130.90
10 21 13 16-0005	EA 60" x 60", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Cast Stainless Steel Hardware, Add</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	1,597.96 172.24 214.38	142.54
10 21 13 16-0006	EA 60" x 78", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Cast Stainless Steel Hardware, Add</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	1,719.52 172.25 214.38	148.36
10 21 13 16-0007	Overhead Braced, Laminated Plastic, Complete Toilet Partitions <small>(10 21 13 16-0002)</small> Note: Includes headrail.		
10 21 13 16-0008	EA 36" x 60", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition <i>For >10, Deduct</i> <i>For Cast Stainless Steel Hardware, Add</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	1,416.28 -109.63 172.26 214.38	160.00
10 21 13 16-0009	EA 60" x 60", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Cast Stainless Steel Hardware, Add</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	1,719.92 172.28 214.38	171.63
10 21 13 16-0010	EA 60" x 78", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Cast Stainless Steel Hardware, Add</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	1,851.04 172.28 214.38	177.45
10 21 13 16-0011	Ceiling Hung, Laminated Plastic, Complete Toilet Partitions <small>(10 21 13 16-0002)</small> Note: Excludes above ceiling steel.		
10 21 13 16-0012	EA 36" x 60", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition <i>For >10, Deduct</i> <i>For Cast Stainless Steel Hardware, Add</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	1,893.95 -145.76 172.34 214.38	218.18
10 21 13 16-0013	EA 60" x 60", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Cast Stainless Steel Hardware, Add</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	2,207.42 172.35 214.38	229.82
10 21 13 16-0014	EA 60" x 78", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Cast Stainless Steel Hardware, Add</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	2,328.95 172.36 214.38	235.64
10 21 13 16-0015	Laminated Plastic Urinal Screens <small>(10 21 13 16-0001)</small> Note: Includes all standard Bobrick colors.		
10 21 13 16-0016	Floor Anchored, Laminated Plastic, Urinal Screens <small>(10 21 13 16-0015)</small>		
10 21 13 16-0017	EA 24" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	552.67 59.40	81.42
10 21 13 16-0018	EA 36" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	602.55 59.40	87.23
10 21 13 16-0019	EA 48" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	621.68 59.40	93.05
10 21 13 16-0020	Wall Hung, Laminated Plastic, Urinal Screens <small>(10 21 13 16-0015)</small>		
10 21 13 16-0021	EA 18" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	429.74 59.40	69.79
10 21 13 16-0022	EA 24" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	452.30 59.40	75.61
10 21 13 16-0023	EA 30" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	473.85 59.40	81.42
10 21 13 16-0024	Wall Hung And Post Supported, Laminated Plastic, Urinal Screens <small>(10 21 13 16-0015)</small>		
10 21 13 16-0025	EA 18" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	569.18 59.40	75.61
10 21 13 16-0026	EA 24" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	624.41 59.40	81.42
10 21 13 16-0027	EA 30" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	684.23 59.40	87.23

10 Specialties

10 20 Interior Specialties

10 21 Compartments and Cubicles

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

10 21 13 16-0028	Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screens <small>(10 21 13 16-0015)</small>		
10 21 13 16-0029	EA 24" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	525.78 59.40	75.61
10 21 13 16-0030	EA 36" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	576.74 59.40	81.42
10 21 13 16-0031	EA 48" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	595.25 59.40	87.23
10 21 13 16-0032	Laminated Plastic Toilet Partition Doors, Panels And Pilasters <small>(10 21 13 16-0001)</small> Note: Includes all standard Bobrick colors. See CSI section 10 21 13 43-0000 for accessories.		
10 21 13 16-0033	Laminated Plastic, Toilet Partition Doors <small>(10 21 13 16-0032)</small>		
10 21 13 16-0034	EA 24" x 58" x 1", Laminated Plastic, Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	432.97 95.58	23.27
10 21 13 16-0035	EA 26" x 58" x 1", Laminated Plastic, Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	470.52 95.58	23.27
10 21 13 16-0036	EA 30" x 58" x 1", Laminated Plastic, Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	486.58 95.58	26.18
10 21 13 16-0037	EA 34" x 58" x 1", Laminated Plastic, Americans With Disabilities Act Compliant Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	498.19 95.58	26.18
10 21 13 16-0038	EA 36" x 58" x 1", Laminated Plastic, Americans With Disabilities Act Compliant Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	509.11 95.58	26.18
10 21 13 16-0039	Laminated Plastic, Toilet Partition Panels <small>(10 21 13 16-0032)</small>		
10 21 13 16-0040	EA 6" x 58" x 1", Laminated Plastic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	222.01 59.40	34.91
10 21 13 16-0041	EA 12" x 58" x 1", Laminated Plastic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	245.53 59.40	37.82
10 21 13 16-0042	EA 18" x 58" x 1", Laminated Plastic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	269.04 59.40	40.73
10 21 13 16-0043	EA 24" x 58" x 1", Laminated Plastic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	293.46 59.40	43.64
10 21 13 16-0044	EA 30" x 58" x 1", Laminated Plastic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	316.07 59.40	46.55
10 21 13 16-0045	EA 36" x 58" x 1", Laminated Plastic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	340.58 59.40	49.46
10 21 13 16-0046	EA 42" x 58" x 1", Laminated Plastic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	348.48 59.40	52.37
10 21 13 16-0047	EA 48" x 58" x 1", Laminated Plastic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	357.69 59.40	55.28
10 21 13 16-0048	EA 55" x 58" x 1", Laminated Plastic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	376.51 59.40	58.18
10 21 13 16-0049	EA 58" x 58" x 1", Laminated Plastic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	392.10 59.40	59.34
10 21 13 16-0050	EA 60" x 58" x 1", Laminated Plastic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	409.61 59.40	61.09
10 21 13 16-0051	EA 70" x 58" x 1", Laminated Plastic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	466.63 59.40	64.00
10 21 13 16-0052	EA 78" x 58" x 1", Laminated Plastic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	531.16 59.40	66.91
10 21 13 16-0053	69" Long, Laminated Plastic, Toilet Partition Pilasters <small>(10 21 13 16-0032)</small>		
10 21 13 16-0054	EA Up To 4" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster..... <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	180.33 12.00 59.40 145.42	17.46
10 21 13 16-0055	EA 5" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster..... <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	208.00 13.80 59.40 167.27	20.36
10 21 13 16-0056	EA 6" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster..... <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	213.82 13.80 59.40 167.27	23.27
10 21 13 16-0057	EA 8" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster..... <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	236.02 15.15 59.40 183.65	26.18
10 21 13 16-0058	EA 10" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster..... <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	246.61 15.55 59.40 188.43	29.09
10 21 13 16-0059	EA 12" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster..... <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	268.13 16.84 59.40 204.13	32.00
10 21 13 16-0060	EA 18" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster..... <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	340.86 22.36 59.40 271.04	34.91
10 21 13 16-0061	EA 22" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster..... <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	412.22 27.77 59.40 336.58	37.82

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 16-0062	EA		24" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster For 1-1/4" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For Steel Core Pilaster, Add	462.41 31.43 59.40 380.96	40.73
10 21 13 16-0063			83" Long, Laminated Plastic, Toilet Partition Pilasters (10 21 13 16-0032)		
10 21 13 16-0064	EA		Up To 4" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster..... For 1-1/4" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For Steel Core Pilaster, Add	352.38 26.19 59.40 317.47	17.46
10 21 13 16-0065	EA		5" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster For 1-1/4" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For Steel Core Pilaster, Add	389.60 28.78 59.40 348.87	20.36
10 21 13 16-0066	EA		6" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster For 1-1/4" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For Steel Core Pilaster, Add	395.42 28.78 59.40 348.87	23.27
10 21 13 16-0067	EA		8" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster For 1-1/4" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For Steel Core Pilaster, Add	427.87 30.98 59.40 375.50	26.18
10 21 13 16-0068	EA		10" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster For 1-1/4" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For Steel Core Pilaster, Add	467.13 33.74 59.40 408.95	29.09
10 21 13 16-0069	EA		12" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster For 1-1/4" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For Steel Core Pilaster, Add	498.90 35.88 59.40 434.90	32.00
10 21 13 16-0070	EA		18" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster For 1-1/4" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For Steel Core Pilaster, Add	620.45 45.43 59.40 550.63	34.91
10 21 13 16-0071	EA		22" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster For 1-1/4" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For Steel Core Pilaster, Add	706.48 52.04 59.40 630.84	37.82
10 21 13 16-0072	EA		24" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster For 1-1/4" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For Steel Core Pilaster, Add	725.27 53.11 59.40 643.81	40.73
10 21 13 19			Plastic Toilet Compartments (10 21 13)		
10 21 13 19-0001			Recycled Solid Polymer (HDPE) Toilet Partitions And Urinal Screens (10 21 13 19) Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of high density polyethylene (HDPE). Includes Class B fire rating.		
10 21 13 19-0002			Recycled Solid Plastic (HDPE) Toilet Partitions (10 21 13 19-0001) Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0003			Overhead Braced, Recycled Solid Plastic (HDPE), Complete Toilet Partitions (10 21 13 19-0002) Note: Includes headrail.		
10 21 13 19-0004	EA		36" x 60", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition For >10, Deduct For Heavy Gauge Full-Height SS Hinges And Brackets, Add For NFPA Class A, Add	1,890.54 -157.06 214.38 973.74	160.00
10 21 13 19-0005	EA		60" x 60", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition For Heavy Gauge Full-Height SS Hinges And Brackets, Add For NFPA Class A, Add	2,327.45 214.38 1,230.19	171.63
10 21 13 19-0006	EA		60" x 78", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition For Heavy Gauge Full-Height SS Hinges And Brackets, Add For NFPA Class A, Add	2,579.16 214.38 1,379.04	177.45
10 21 13 19-0007			Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), Complete Toilet Partitions (10 21 13 19-0002) Note: Excludes above ceiling steel.		
10 21 13 19-0008	EA		36" x 60", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition..... For >10, Deduct For Heavy Gauge Full-Height SS Hinges And Brackets, Add For NFPA Class A, Add	1,889.24 -151.11 214.38 936.86	189.09
10 21 13 19-0009	EA		60" x 60", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition For Heavy Gauge Full-Height SS Hinges And Brackets, Add For NFPA Class A, Add	2,364.55 214.38 1,217.13	200.73

10 Specialties**10 20 Interior Specialties****10 21 Compartments and Cubicles**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
10 21 13 19-0010	EA 60" x 78", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	2,616.26 214.38 1,365.97	206.54
10 21 13 19-0011	Ceiling Hung, Recycled Solid Plastic (HDPE), Complete Toilet Partitions <small>(10 21 13 19-0002)</small> Note: Excludes above ceiling steel.		
10 21 13 19-0012	EA 36" x 60", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,981.67 -154.53 214.38 958.10	218.18
10 21 13 19-0013	EA 60" x 60", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	2,351.26 214.38 1,172.81	229.82
10 21 13 19-0014	EA 60" x 78", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	2,602.96 214.38 1,321.65	235.64
10 21 13 19-0015	Recycled Solid Plastic (HDPE) Urinal Screens <small>(10 21 13 19-0001)</small> Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0016	Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screens <small>(10 21 13 19-0015)</small>		
10 21 13 19-0017	EA 18" x 42" x 1", Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	440.45 59.40 186.54	69.79
10 21 13 19-0018	EA 24" x 42" x 1", Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	463.94 59.40 193.89	75.61
10 21 13 19-0019	Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screens <small>(10 21 13 19-0015)</small>		
10 21 13 19-0020	EA 18" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	560.18 59.40 253.56	75.61
10 21 13 19-0021	EA 24" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	708.10 59.40 338.06	81.42
10 21 13 19-0022	EA 30" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	786.86 59.40 379.68	87.23
10 21 13 19-0023	Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screens <small>(10 21 13 19-0015)</small>		
10 21 13 19-0024	EA 24" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	571.81 59.40 253.56	81.42
10 21 13 19-0025	EA 36" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	719.73 59.40 338.06	87.23
10 21 13 19-0026	EA 48" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	854.17 59.40 414.20	93.05
10 21 13 19-0027	Recycled Solid Plastic (HDPE) Toilet Partition Doors, Panels And Pilasters <small>(10 21 13 19-0001)</small> Note: Includes all standard Columbia Partitions colors. See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.		
10 21 13 19-0028	Recycled Solid Plastic (HDPE), Toilet Partition Doors <small>(10 21 13 19-0027)</small>		
10 21 13 19-0029	EA 24" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	450.80 95.58 250.64	23.27
10 21 13 19-0030	EA 26" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	487.59 95.58 273.44	23.27
10 21 13 19-0031	EA 30" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	529.92 95.58 296.08	26.18
10 21 13 19-0032	EA 34" x 55" x 1", Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	604.37 95.58 342.24	26.18
10 21 13 19-0033	EA 36" x 55" x 1", Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	621.99 95.58 353.16	26.18
10 21 13 19-0034	Recycled Solid Plastic (HDPE), Toilet Partition Panels <small>(10 21 13 19-0027)</small>		
10 21 13 19-0035	EA 6" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	159.42 59.40 55.55	34.91

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0036	EA		12" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	254.84 59.40 111.10	37.82
10 21 13 19-0037	EA		18" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	350.24 59.40 166.65	40.73
10 21 13 19-0038	EA		24" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	408.91 59.40 199.42	43.64
10 21 13 19-0039	EA		30" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	495.14 59.40 249.27	46.55
10 21 13 19-0040	EA		36" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	529.08 59.40 266.71	49.46
10 21 13 19-0041	EA		42" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	593.99 59.40 303.35	52.37
10 21 13 19-0042	EA		48" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	669.69 59.40 346.67	55.28
10 21 13 19-0043	EA		55" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	731.47 59.40 381.37	58.18
10 21 13 19-0044	EA		58" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	747.35 59.40 389.78	59.34
10 21 13 19-0045	EA		60" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	772.53 59.40 403.22	61.09
10 21 13 19-0046	EA		70" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	873.21 59.40 462.03	64.00
10 21 13 19-0047	EA		78" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	941.14 59.40 500.54	66.91
10 21 13 19-0048			82" Long, Recycled Solid Plastic (HDPE), Toilet Partition Pilasters <small>(10 21 13 19-0027)</small>		
10 21 13 19-0049	EA		Up To 4" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	207.51 59.40 107.01	17.46
10 21 13 19-0050	EA		5" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	230.64 59.40 117.74	20.36
10 21 13 19-0051	EA		6" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	250.73 59.40 126.59	23.27
10 21 13 19-0052	EA		8" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	269.31 59.40 134.50	26.18
10 21 13 19-0053	EA		10" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	302.38 59.40 151.40	29.09
10 21 13 19-0054	EA		12" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	335.43 59.40 168.29	32.00
10 21 13 19-0055	EA		18" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	460.80 59.40 242.41	34.91
10 21 13 19-0056	EA		22" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	520.99 59.40 276.12	37.82
10 21 13 19-0057	EA		24" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	567.29 59.40 301.21	40.73
10 21 13 19-0058			96" To 120", Recycled Solid Plastic (HDPE), Toilet Partition Pilasters <small>(10 21 13 19-0027)</small>		
10 21 13 19-0059	EA		Up To 4" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	253.28 59.40 128.17	23.27
10 21 13 19-0060	EA		5" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	278.77 59.40 140.37	26.18
10 21 13 19-0061	EA		6" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	307.04 59.40 154.29	29.09
10 21 13 19-0062	EA		8" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	347.94 59.40 176.04	32.00
10 21 13 19-0063	EA		10" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	389.22 59.40 198.03	34.91
10 21 13 19-0064	EA		12" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	430.12 59.40 219.78	37.82

10 Specialties**10 20 Interior Specialties****10 21 Compartments and Cubicles**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

10 21 13 19-0065	EA	18" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	551.56	40.73
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For NFPA Class A, Add</i>	291.47	
10 21 13 19-0066	EA	22" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	617.23	43.64
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For NFPA Class A, Add</i>	328.58	
10 21 13 19-0067	EA	24 x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	671.22	46.55
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For NFPA Class A, Add</i>	358.44	
10 21 13 19-0068		Antimicrobial Recycled Solid Polymer (HDPE) Toilet Partitions And Urinal Screens <small>(10 21 13 19)</small>		
		Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and hardware as required. Constructed of high density polyethylene (HDPE). Includes Class B fire rating.		
10 21 13 19-0069		Antimicrobial Recycled Solid Plastic (HDPE) Toilet Partitions <small>(10 21 13 19-0068)</small>		
		Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0070		Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Complete Toilet Partitions <small>(10 21 13 19-0069)</small>		
		Note: Includes headrail.		
10 21 13 19-0071	EA	36" x 60", Overhead Braced, Antimicrobial Solid Plastic (High Density Polyethylene), One Compartment Corner Unit, Complete Toilet Partition	2,440.23	160.00
		<i>For >10, Deduct</i>	-212.02	
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
		<i>For NFPA Class A, Add</i>	1,314.55	
10 21 13 19-0072	EA	60" x 60", Overhead Braced, Antimicrobial Solid Plastic (High Density Polyethylene), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,021.93	171.63
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
		<i>For NFPA Class A, Add</i>	1,660.77	
10 21 13 19-0073	EA	60" x 78", Overhead Braced, Antimicrobial Solid Plastic (High Density Polyethylene), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,357.66	177.45
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
		<i>For NFPA Class A, Add</i>	1,861.71	
10 21 13 19-0074		Floor And Ceiling Anchored, Antimicrobial Recycled Solid Plastic (HDPE), Complete Toilet Partitions <small>(10 21 13 19-0069)</small>		
		Note: Excludes above ceiling steel.		
10 21 13 19-0075	EA	36" x 60", Floor And Ceiling Anchored, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	2,418.11	189.09
		<i>For >10, Deduct</i>	-203.99	
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
		<i>For NFPA Class A, Add</i>	1,264.76	
10 21 13 19-0076	EA	60" x 60", Floor And Ceiling Anchored, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,051.62	200.73
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
		<i>For NFPA Class A, Add</i>	1,643.11	
10 21 13 19-0077	EA	60" x 78", Floor And Ceiling Anchored, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,387.37	206.54
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
		<i>For NFPA Class A, Add</i>	1,844.06	
10 21 13 19-0078		Ceiling Hung, Antimicrobial Recycled Solid Plastic (HDPE), Complete Toilet Partitions <small>(10 21 13 19-0069)</small>		
		Note: Excludes above ceiling steel.		
10 21 13 19-0079	EA	36" x 60", Ceiling Hung, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	2,522.54	218.18
		<i>For >10, Deduct</i>	-208.62	
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
		<i>For NFPA Class A, Add</i>	1,293.44	
10 21 13 19-0080	EA	60" x 60", Ceiling Hung, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,013.32	229.82
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
		<i>For NFPA Class A, Add</i>	1,583.29	
10 21 13 19-0081	EA	60" x 78", Ceiling Hung, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,349.05	235.64
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
		<i>For NFPA Class A, Add</i>	1,784.23	
10 21 13 19-0082		Antimicrobial Recycled Solid Plastic (HDPE) Urinal Screens <small>(10 21 13 19-0068)</small>		
		Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0083		Wall Hung, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screens <small>(10 21 13 19-0082)</small>		
10 21 13 19-0084	EA	18" x 42" x 1", Wall Hung, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	545.75	69.79
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For NFPA Class A, Add</i>	251.83	
10 21 13 19-0085	EA	24" x 42" x 1", Wall Hung, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	569.53	75.61
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For NFPA Class A, Add</i>	259.35	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 21 13 19-0086				Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screens <small>(10 21 13 19-0082)</small>		
10 21 13 19-0087	EA			18" x 42" x 1", Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	887.31	75.61
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
				<i>For NFPA Class A, Add</i>	456.38	
10 21 13 19-0088	EA			24" x 42" x 1", Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	1,009.66	81.42
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
				<i>For NFPA Class A, Add</i>	525.03	
10 21 13 19-0089	EA			30" x 42" x 1", Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	1,076.36	87.23
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
				<i>For NFPA Class A, Add</i>	559.17	
10 21 13 19-0090				Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screens <small>(10 21 13 19-0082)</small>		
10 21 13 19-0091	EA			24" x 55" x 1", Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	714.92	81.42
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
				<i>For NFPA Class A, Add</i>	342.29	
10 21 13 19-0092	EA			36" x 55" x 1", Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	910.57	87.23
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
				<i>For NFPA Class A, Add</i>	456.38	
10 21 13 19-0093	EA			48" x 55" x 1", Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	1,088.00	93.05
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
				<i>For NFPA Class A, Add</i>	559.17	
10 21 13 19-0094				Antimicrobial Recycled Solid Plastic (HDPE) Toilet Partition Doors, Panels And Pilasters <small>(10 21 13 19-0068)</small>		
				Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0095				Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Doors <small>(10 21 13 19-0094)</small>		
10 21 13 19-0096	EA			24" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Door	592.28	23.27
				<i>For Heavy Gauge Full-Height SS Hinge, Add</i>	95.58	
				<i>For NFPA Class A, Add</i>	338.35	
10 21 13 19-0097	EA			26" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Door	641.97	23.27
				<i>For Heavy Gauge Full-Height SS Hinge, Add</i>	95.58	
				<i>For NFPA Class A, Add</i>	369.16	
10 21 13 19-0098	EA			30" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Door	697.07	26.18
				<i>For Heavy Gauge Full-Height SS Hinge, Add</i>	95.58	
				<i>For NFPA Class A, Add</i>	399.71	
10 21 13 19-0099	EA			34" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	797.58	26.18
				<i>For Heavy Gauge Full-Height SS Hinge, Add</i>	95.58	
				<i>For NFPA Class A, Add</i>	462.03	
10 21 13 19-0100	EA			36" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	821.36	26.18
				<i>For Heavy Gauge Full-Height SS Hinge, Add</i>	95.58	
				<i>For NFPA Class A, Add</i>	476.77	
10 21 13 19-0101				Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panels <small>(10 21 13 19-0094)</small>		
10 21 13 19-0102	EA			6" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	190.77	34.91
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
				<i>For NFPA Class A, Add</i>	74.99	
10 21 13 19-0103	EA			12" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	317.56	37.82
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
				<i>For NFPA Class A, Add</i>	149.99	
10 21 13 19-0104	EA			18" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	444.33	40.73
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
				<i>For NFPA Class A, Add</i>	224.99	
10 21 13 19-0105	EA			24" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	521.47	43.64
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
				<i>For NFPA Class A, Add</i>	269.20	
10 21 13 19-0106	EA			30" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	635.85	46.55
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
				<i>For NFPA Class A, Add</i>	336.51	
10 21 13 19-0107	EA			36" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	679.63	49.46
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
				<i>For NFPA Class A, Add</i>	360.05	
10 21 13 19-0108	EA			42" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	765.23	52.37
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
				<i>For NFPA Class A, Add</i>	409.52	
10 21 13 19-0109	EA			48" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	865.41	55.28
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
				<i>For NFPA Class A, Add</i>	468.02	
10 21 13 19-0110	EA			55" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	946.77	58.18
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
				<i>For NFPA Class A, Add</i>	514.85	
10 21 13 19-0111	EA			58" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	967.38	59.34
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
				<i>For NFPA Class A, Add</i>	526.19	
10 21 13 19-0112	EA			60" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	1,000.14	61.09
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
				<i>For NFPA Class A, Add</i>	544.34	
10 21 13 19-0113	EA			70" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	1,134.06	64.00
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
				<i>For NFPA Class A, Add</i>	623.76	

10 Specialties**10 20 Interior Specialties****10 21 Compartments and Cubicles**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

10 21 13 19-0114	EA	78" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel.....	1,223.70	66.91
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For NFPA Class A, Add</i>	675.73	
10 21 13 19-0115		82" Long, Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition		
		Pilasters <small>(10 21 13 19-0094)</small>		
10 21 13 19-0116	EA	Up To 4" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	267.92	17.46
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For NFPA Class A, Add</i>	144.47	
10 21 13 19-0117	EA	5" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster.....	297.10	20.36
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For NFPA Class A, Add</i>	158.95	
10 21 13 19-0118	EA	6" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster.....	322.19	23.27
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For NFPA Class A, Add</i>	170.90	
10 21 13 19-0119	EA	8" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster.....	371.87	26.18
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For NFPA Class A, Add</i>	198.09	
10 21 13 19-0120	EA	10" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster.....	417.83	29.09
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For NFPA Class A, Add</i>	222.98	
10 21 13 19-0121	EA	12" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster.....	463.74	32.00
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For NFPA Class A, Add</i>	247.84	
10 21 13 19-0122	EA	18" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster.....	597.64	34.91
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For NFPA Class A, Add</i>	327.25	
10 21 13 19-0123	EA	22" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster.....	676.86	37.82
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For NFPA Class A, Add</i>	372.76	
10 21 13 19-0124	EA	24" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster.....	737.32	40.73
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For NFPA Class A, Add</i>	406.63	
10 21 13 19-0125		96" To 120", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition		
		Pilasters <small>(10 21 13 19-0094)</small>		
10 21 13 19-0126	EA	Up To 4" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster.....	325.63	23.27
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For NFPA Class A, Add</i>	173.03	
10 21 13 19-0127	EA	5" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	358.02	26.18
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For NFPA Class A, Add</i>	189.50	
10 21 13 19-0128	EA	6" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	394.15	29.09
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For NFPA Class A, Add</i>	208.30	
10 21 13 19-0129	EA	8" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	447.33	32.00
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For NFPA Class A, Add</i>	237.66	
10 21 13 19-0130	EA	10" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	501.03	34.91
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For NFPA Class A, Add</i>	267.35	
10 21 13 19-0131	EA	12" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	554.18	37.82
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For NFPA Class A, Add</i>	296.69	
10 21 13 19-0132	EA	18" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	716.12	40.73
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For NFPA Class A, Add</i>	393.50	
10 21 13 19-0133	EA	22" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	802.71	43.64
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For NFPA Class A, Add</i>	443.57	
10 21 13 19-0134	EA	24" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster.....	873.56	46.55
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For NFPA Class A, Add</i>	483.89	
10 21 13 19-0135		Solid Phenolic Toilet Partitions And Urinal Screens <small>(10 21 13 19)</small>		
		Note: Complete toilet partitions for corner installations. Includes 3/4" door, 3/4" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of solid phenolic (resin impregnated kraft paper) core with a high pressure decorative matte surface finish as an integral part of the core material. Includes Class B fire rating.		
10 21 13 19-0136		Solid Phenolic Toilet Partitions <small>(10 21 13 19-0135)</small>		
		Note: Includes all standard Bobrick colors.		
10 21 13 19-0137		Floor Anchored, Solid Phenolic, Complete Toilet Partitions <small>(10 21 13 19-0136)</small>		
10 21 13 19-0138	EA	36" x 60", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition.....	1,981.59	130.90
		<i>For >10, Deduct</i>	-171.98	
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
		<i>For NFPA Class A, Add</i>	374.24	
10 21 13 19-0139	EA	60" x 60", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,433.62	142.54
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
		<i>For NFPA Class A, Add</i>	465.45	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	10 21 13 19-0140	EA		60" x 78", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	2,716.98	148.36
				<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
				<i>For NFPA Class A, Add</i>	523.09	
	10 21 13 19-0141			Overhead Braced, Solid Phenolic, Complete Toilet Partitions <small>(10 21 13 19-0136)</small>		
				Note: Includes headrail.		
	10 21 13 19-0142	EA		36" x 60", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition.....	2,200.54	160.00
				<i>For >10, Deduct</i>	-188.06	
				<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
				<i>For NFPA Class A, Add</i>	410.92	
	10 21 13 19-0143	EA		60" x 60", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	2,670.52	171.63
				<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
				<i>For NFPA Class A, Add</i>	505.89	
	10 21 13 19-0144	EA		60" x 78", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	2,967.55	177.45
				<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
				<i>For NFPA Class A, Add</i>	566.40	
	10 21 13 19-0145			Floor And Ceiling Anchored, Solid Phenolic, Complete Toilet Partitions <small>(10 21 13 19-0136)</small>		
				Note: Excludes above ceiling steel.		
	10 21 13 19-0146	EA		36" x 60", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition.....	2,273.42	189.09
				<i>For >10, Deduct</i>	-189.52	
				<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
				<i>For NFPA Class A, Add</i>	416.91	
	10 21 13 19-0147	EA		60" x 60", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	2,740.05	200.73
				<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
				<i>For NFPA Class A, Add</i>	511.18	
	10 21 13 19-0148	EA		60" x 78", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	3,023.41	206.54
				<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
				<i>For NFPA Class A, Add</i>	568.82	
	10 21 13 19-0149			Ceiling Hung, Solid Phenolic, Complete Toilet Partitions <small>(10 21 13 19-0136)</small>		
				Note: Excludes above ceiling steel.		
	10 21 13 19-0150	EA		36" x 60", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition.....	2,243.88	218.18
				<i>For >10, Deduct</i>	-180.75	
				<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
				<i>For NFPA Class A, Add</i>	401.40	
	10 21 13 19-0151	EA		60" x 60", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	2,695.58	229.82
				<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
				<i>For NFPA Class A, Add</i>	492.53	
	10 21 13 19-0152	EA		60" x 78", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	2,978.94	235.64
				<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
				<i>For NFPA Class A, Add</i>	550.18	
	10 21 13 19-0153			Solid Phenolic Urinal Screens <small>(10 21 13 19-0135)</small>		
				Note: Includes all standard Bobrick colors.		
	10 21 13 19-0154			Floor Anchored, Solid Phenolic, Urinal Screens <small>(10 21 13 19-0153)</small>		
	10 21 13 19-0155	EA		24" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen.....	723.36	81.42
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
				<i>For NFPA Class A, Add</i>	125.85	
	10 21 13 19-0156	EA		36" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen.....	817.60	87.23
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
				<i>For NFPA Class A, Add</i>	143.78	
	10 21 13 19-0157	EA		48" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen.....	980.12	93.05
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
				<i>For NFPA Class A, Add</i>	176.05	
	10 21 13 19-0158			Wall Hung, Solid Phenolic, Urinal Screens <small>(10 21 13 19-0153)</small>		
	10 21 13 19-0159	EA		18" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen.....	463.19	69.79
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
				<i>For NFPA Class A, Add</i>	74.94	
	10 21 13 19-0160	EA		24" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen.....	536.27	75.61
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
				<i>For NFPA Class A, Add</i>	88.42	
	10 21 13 19-0161	EA		30" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen.....	644.24	81.42
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
				<i>For NFPA Class A, Add</i>	109.24	
	10 21 13 19-0162			Wall Hung And Post Supported, Solid Phenolic, Urinal Screens <small>(10 21 13 19-0153)</small>		
	10 21 13 19-0163	EA		18" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen.....	470.62	75.61
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
				<i>For NFPA Class A, Add</i>	74.64	
	10 21 13 19-0164	EA		24" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen.....	588.70	81.42
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
				<i>For NFPA Class A, Add</i>	97.57	

10 Specialties**10 20 Interior Specialties****10 21 Compartments and Cubicles**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
10 21 13 19-0165	EA 30" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	687.88 59.40 116.54	87.23
10 21 13 19-0166	Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screens (10 21 13 19-0153)		
10 21 13 19-0167	EA 22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	744.03 59.40 132.05	75.61
10 21 13 19-0168	EA 36" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	838.85 59.40 150.10	81.42
10 21 13 19-0169	EA 48" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,004.45 59.40 183.02	87.23
10 21 13 19-0170	Solid Phenolic Toilet Partition Doors, Panels And Pilasters (10 21 13 19-0135) Note: Includes all standard Bobrick colors. See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.		
10 21 13 19-0171	Solid Phenolic, Toilet Partition Doors (10 21 13 19-0170)		
10 21 13 19-0172	EA 24" x 58" x 3/4", Solid Phenolic, Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	536.75 95.58 105.27	23.27
10 21 13 19-0173	EA 26" x 58" x 3/4", Solid Phenolic, Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	555.18 95.58 109.14	23.27
10 21 13 19-0174	EA 30" x 58" x 3/4", Solid Phenolic, Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	608.30 95.58 119.36	26.18
10 21 13 19-0175	EA 34" x 58" x 3/4", Solid Phenolic, ADA Compliant Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	656.36 95.58 129.46	26.18
10 21 13 19-0176	EA 36" x 58" x 3/4", Solid Phenolic, ADA Compliant Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	705.74 95.58 139.83	26.18
10 21 13 19-0177	Solid Phenolic, Toilet Partition Panels (10 21 13 19-0170)		
10 21 13 19-0178	EA 6" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	171.98 59.40 24.94	34.91
10 21 13 19-0179	EA 12" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	228.84 59.40 35.95	37.82
10 21 13 19-0180	EA 18" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	311.23 59.40 52.33	40.73
10 21 13 19-0181	EA 24" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	394.50 59.40 68.88	43.64
10 21 13 19-0182	EA 30" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	439.81 59.40 77.47	46.55
10 21 13 19-0183	EA 36" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	487.37 59.40 86.52	49.46
10 21 13 19-0184	EA 42" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	568.45 59.40 102.62	52.37
10 21 13 19-0185	EA 48" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	651.94 59.40 119.22	55.28
10 21 13 19-0186	EA 55" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	695.31 59.40 127.40	58.18
10 21 13 19-0187	EA 58" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	714.70 59.40 131.10	59.34
10 21 13 19-0188	EA 60" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	728.44 59.40 133.42	61.09
10 21 13 19-0189	EA 70" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	838.03 59.40 155.51	64.00
10 21 13 19-0190	EA 78" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,011.79 59.40 191.07	66.91
10 21 13 19-0191	69" Long, Solid Phenolic, Toilet Partition Pilasters (10 21 13 19-0170)		
10 21 13 19-0192	EA Up To 4" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	255.43 27.57 59.40 48.05	17.46

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST	
10 21	13	19-0193	EA	5" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	294.02 31.66 59.40 55.23	20.36	
10 21	13	19-0194	EA	6" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	299.84 31.66 59.40 55.52	23.27	
10 21	13	19-0195	EA	8" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	347.31 36.87 59.40 64.56	26.18	
10 21	13	19-0196	EA	10" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	390.67 41.56 59.40 72.73	29.09	
10 21	13	19-0197	EA	12" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	434.04 46.26 59.40 80.91	32.00	
10 21	13	19-0198	EA	16" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	555.24 60.68 59.40 105.43	34.91	
10 21	13	19-0199	EA	20" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	681.90 75.78 59.40 131.10	37.82	
10 21	13	19-0200	EA	24" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	716.38 79.37 59.40 137.41	40.73	
10 21	13	19-0201	83" Long, Solid Phenolic, Toilet Partition Pilasters (10 21 13 19-0170)				
10 21	13	19-0202	EA	Up To 4" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	280.01 30.64 59.40 53.22	17.46	
10 21	13	19-0203	EA	5" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	328.16 35.93 59.40 62.40	20.36	
10 21	13	19-0204	EA	6" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	333.98 35.93 59.40 62.69	23.27	
10 21	13	19-0205	EA	8" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	386.91 41.82 59.40 72.87	26.18	
10 21	13	19-0206	EA	10" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	437.09 47.36 59.40 82.48	29.09	
10 21	13	19-0207	EA	12" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	487.64 52.96 59.40 92.16	32.00	
10 21	13	19-0208	EA	16" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	635.12 70.66 59.40 122.20	34.91	
10 21	13	19-0209	EA	20" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	756.67 85.13 59.40 146.80	37.82	
10 21	13	19-0210	EA	24" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	795.94 89.31 59.40 154.12	40.73	
10 21	13	19-0211	96" To 120" Long, Solid Phenolic, Toilet Partition Pilasters (10 21 13 19-0170)				
10 21	13	19-0212	EA	Up To 4" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	316.23 33.71 59.40 58.96	23.27	
10 21	13	19-0213	EA	5" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	373.93 40.20 59.40 70.15	26.18	
10 21	13	19-0214	EA	6" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	379.74 40.20 59.40 70.44	29.09	
10 21	13	19-0215	EA	8" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	438.13 46.77 59.40 81.77	32.00	

10 Specialties**10 20 Interior Specialties****10 21 Compartments and Cubicles**
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10 21 13 19-0216	EA	10" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster.....	495.16	34.91
		<i>For 1" Pilaster, Add</i>	53.17	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For NFPA Class A, Add</i>	92.81	
10 21 13 19-0217	EA	12" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster.....	552.86	37.82
		<i>For 1" Pilaster, Add</i>	59.65	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For NFPA Class A, Add</i>	104.00	
10 21 13 19-0218	EA	16" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster.....	726.63	40.73
		<i>For 1" Pilaster, Add</i>	80.65	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For NFPA Class A, Add</i>	139.56	
10 21 13 19-0219	EA	20" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster.....	843.05	43.64
		<i>For 1" Pilaster, Add</i>	94.47	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For NFPA Class A, Add</i>	163.08	
10 21 13 19-0220	EA	24" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster.....	887.10	46.55
		<i>For 1" Pilaster, Add</i>	99.25	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
		<i>For NFPA Class A, Add</i>	171.40	

10 21 13 19-0221 Solid Color Reinforced Composite Toilet Partitions And Urinal Screens (10 21 13 19-0221)

Note: Complete toilet partitions for corner installations. Includes 3/4" door, 3/4" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of solid color reinforced composite core with a high pressure decorative matte surface finish as an integral part of the core material.

10 21 13 19-0222 Solid Color Reinforced Composite Toilet Partitions (10 21 13 19-0221)

Note: Includes all standard Bobrick colors.

10 21 13 19-0223 Floor Anchored, Solid Color Reinforced Composite, Complete Toilet Partitions (10 21 13 19-0222)

10 21 13 19-0224	EA	36" x 60", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	2,187.97	130.90
		<i>For >10, Deduct</i>	-192.62	
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
10 21 13 19-0225	EA	60" x 60", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	2,691.44	142.54
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
10 21 13 19-0226	EA	60" x 78", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	3,007.41	148.36
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	

10 21 13 19-0227 Overhead Braced, Solid Color Reinforced Composite, Complete Toilet Partitions (10 21 13 19-0222)

Note: Includes headrail.

10 21 13 19-0228	EA	36" x 60", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	2,426.21	160.00
		<i>For >10, Deduct</i>	-210.62	
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
10 21 13 19-0229	EA	60" x 60", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	2,949.79	171.63
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
10 21 13 19-0230	EA	60" x 78", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	3,281.07	177.45
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	

10 21 13 19-0231 Floor And Ceiling Anchored, Solid Color Reinforced Composite, Complete Toilet Partitions (10 21 13 19-0222)

Note: Excludes above ceiling steel.

10 21 13 19-0232	EA	36" x 60", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	2,500.85	189.09
		<i>For >10, Deduct</i>	-212.27	
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
10 21 13 19-0233	EA	60" x 60", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,020.68	200.73
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
10 21 13 19-0234	EA	60" x 78", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,336.65	206.54
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	

10 21 13 19-0235 Ceiling Hung, Solid Color Reinforced Composite, Complete Toilet Partitions (10 21 13 19-0222)

Note: Excludes above ceiling steel.

10 21 13 19-0236	EA	36" x 60", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	2,460.78	218.18
		<i>For >10, Deduct</i>	-202.44	
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
10 21 13 19-0237	EA	60" x 60", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	2,963.90	229.82
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 21 13 19-0238	EA			60" x 78", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	3,279.86 214.38	235.64
10 21 13 19-0239				Solid Color Reinforced Composite Urinal Screens (10 21 13 19-0221) Note: Includes all standard Bobrick colors.		
10 21 13 19-0240				Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screens (10 21 13 19-0239)		
10 21 13 19-0241	EA			24" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	790.62 59.40	81.42
10 21 13 19-0242	EA			36" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	894.77 59.40	87.23
10 21 13 19-0243	EA			48" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,075.40 59.40	93.05
10 21 13 19-0244				Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screens (10 21 13 19-0239)		
10 21 13 19-0245	EA			18" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	502.02 59.40	69.79
10 21 13 19-0246	EA			24" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	582.47 59.40	75.61
10 21 13 19-0247	EA			30" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	702.01 59.40	81.42
10 21 13 19-0248				Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screens (10 21 13 19-0239)		
10 21 13 19-0249	EA			18" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	508.94 59.40	75.61
10 21 13 19-0250	EA			24" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	639.80 59.40	81.42
10 21 13 19-0251	EA			30" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	749.49 59.40	87.23
10 21 13 19-0252				Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screens (10 21 13 19-0239)		
10 21 13 19-0253	EA			22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	815.17 59.40	75.61
10 21 13 19-0254	EA			36" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	919.97 59.40	81.42
10 21 13 19-0255	EA			48" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,104.04 59.40	87.23
10 21 13 19-0256				Solid Color Reinforced Composite Toilet Partition Doors, Panels And Pilasters (10 21 13 19-0221) Note: Includes all standard Bobrick colors. See CSI section 10 21 13 43-0001 for other accessories.		
10 21 13 19-0257				Solid Color Reinforced Composite, Toilet Partition Doors (10 21 13 19-0256)		
10 21 13 19-0258	EA			24" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	595.57 95.58	23.27
10 21 13 19-0259	EA			26" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	616.22 95.58	23.27
10 21 13 19-0260	EA			30" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	675.01 95.58	26.18
10 21 13 19-0261	EA			34" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	728.84 95.58	26.18
10 21 13 19-0262	EA			36" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	784.14 95.58	26.18
10 21 13 19-0263				Solid Color Reinforced Composite, Toilet Partition Panels (10 21 13 19-0256)		
10 21 13 19-0264	EA			6" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	184.24 59.40	34.91
10 21 13 19-0265	EA			12" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	247.23 59.40	37.82
10 21 13 19-0266	EA			18" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	338.80 59.40	40.73
10 21 13 19-0267	EA			24" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	431.36 59.40	43.64
10 21 13 19-0268	EA			30" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	481.41 59.40	46.55
10 21 13 19-0269	EA			36" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	533.99 59.40	49.46
10 21 13 19-0270	EA			42" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	624.10 59.40	52.37
10 21 13 19-0271	EA			48" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	716.91 59.40	55.28

10 Specialties**10 20 Interior Specialties****10 21 Compartments and Cubicles**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

10 21 13 19-0272	EA	55" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel.....	764.78	58.18
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0273	EA	58" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel.....	786.22	59.34
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0274	EA	60" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel.....	801.19	61.09
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0275	EA	70" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel.....	923.24	64.00
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0276	EA	78" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel.....	1,117.15	66.91
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0277		69" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters <small>(10 21 13 19-0256)</small>		
10 21 13 19-0278	EA	Up To 4" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	281.89	17.46
		<i>For 1" Pilaster, Add</i>	30.87	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0279	EA	5" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	324.42	20.36
		<i>For 1" Pilaster, Add</i>	35.46	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0280	EA	6" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	330.24	23.27
		<i>For 1" Pilaster, Add</i>	35.46	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0281	EA	8" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	382.70	26.18
		<i>For 1" Pilaster, Add</i>	41.29	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0282	EA	10" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	430.57	29.09
		<i>For 1" Pilaster, Add</i>	46.55	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0283	EA	12" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	478.44	32.00
		<i>For 1" Pilaster, Add</i>	51.81	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0284	EA	16" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	613.49	34.91
		<i>For 1" Pilaster, Add</i>	67.96	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0285	EA	20" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	754.65	37.82
		<i>For 1" Pilaster, Add</i>	84.88	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0286	EA	24" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	792.58	40.73
		<i>For 1" Pilaster, Add</i>	88.89	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0287		83" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters <small>(10 21 13 19-0256)</small>		
10 21 13 19-0288	EA	Up To 4" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	309.42	17.46
		<i>For 1" Pilaster, Add</i>	34.31	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0289	EA	5" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	362.65	20.36
		<i>For 1" Pilaster, Add</i>	40.24	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0290	EA	6" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	368.47	23.27
		<i>For 1" Pilaster, Add</i>	40.24	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0291	EA	8" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	427.05	26.18
		<i>For 1" Pilaster, Add</i>	46.84	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0292	EA	10" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	482.56	29.09
		<i>For 1" Pilaster, Add</i>	53.05	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0293	EA	12" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	538.48	32.00
		<i>For 1" Pilaster, Add</i>	59.31	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0294	EA	16" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	702.95	34.91
		<i>For 1" Pilaster, Add</i>	79.14	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0295	EA	20" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	838.40	37.82
		<i>For 1" Pilaster, Add</i>	95.35	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0296	EA	24" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	881.67	40.73
		<i>For 1" Pilaster, Add</i>	100.03	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0297		96" To 120" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters <small>(10 21 13 19-0256)</small>		
10 21 13 19-0298	EA	Up To 4" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	348.59	23.27
		<i>For 1" Pilaster, Add</i>	37.76	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0299	EA	5" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster.....	412.52	26.18
		<i>For 1" Pilaster, Add</i>	45.02	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0300	EA	6" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster.....	418.33	29.09
		<i>For 1" Pilaster, Add</i>	45.02	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0301	EA	8" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster.....	483.03	32.00
		<i>For 1" Pilaster, Add</i>	52.38	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 21 13 19-0302	EA			10" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	546.20 59.55 59.40	34.91
10 21 13 19-0303	EA			12" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	610.13 66.81 59.40	37.82
10 21 13 19-0304	EA			16" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	804.05 90.33 59.40	40.73
10 21 13 19-0305	EA			20" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	933.74 105.81 59.40	43.64
10 21 13 19-0306	EA			24" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	982.38 111.16 59.40	46.55

10 21 13 19-0307 Solid Polyester (Corian) Toilet Partitions And Urinal Screens (10 21 13 19)
 Note: Complete toilet partitions for corner installations. Includes 1/2" door (1" at edge), 1" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Produced or cast by combining unsaturated polyester resin with a combination of fillers, pigments and catalysts.

10 21 13 19-0308 Solid Polyester (Corian) Toilet Partitions (10 21 13 19-0307)
 Note: Small particulate finish.

10 21 13 19-0309 Floor Anchored, Solid Polyester (Corian), Complete Toilet Partitions (10 21 13 19-0308)

10 21 13 19-0310	EA			36" x 60", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition <i>For >10, Deduct</i> <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	4,808.75 -454.69 -1,045.80 214.38	130.90
10 21 13 19-0311	EA			60" x 60", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	5,809.78 -1,270.68 214.38	142.54
10 21 13 19-0312	EA			60" x 78", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	6,444.40 -1,413.97 214.38	148.36

10 21 13 19-0313 Overhead Braced, Solid Polyester (Corian), Complete Toilet Partitions (10 21 13 19-0308)

10 21 13 19-0314	EA			36" x 60", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition <i>For >10, Deduct</i> <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	4,990.78 -467.08 -1,074.28 214.38	160.00
10 21 13 19-0315	EA			60" x 60", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	6,563.00 -1,430.54 214.38	171.63
10 21 13 19-0316	EA			60" x 78", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	7,267.38 -1,589.87 214.38	177.45

10 21 13 19-0317 Floor And Ceiling Anchored, Solid Polyester (Corian), Complete Toilet Partitions (10 21 13 19-0308)
 Note: Excludes above ceiling steel.

10 21 13 19-0318	EA			36" x 60", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition <i>For >10, Deduct</i> <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	5,589.21 -521.10 -1,198.54 214.38	189.09
10 21 13 19-0319	EA			60" x 60", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	7,515.05 -1,636.13 214.38	200.73
10 21 13 19-0320	EA			60" x 78", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	8,218.88 -1,795.33 214.38	206.54

10 21 13 19-0321 Ceiling Hung, Solid Polyester (Corian), Complete Toilet Partitions (10 21 13 19-0308)
 Note: Excludes above ceiling steel.

10 21 13 19-0322	EA			36" x 60", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition <i>For >10, Deduct</i> <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	5,640.68 -520.44 -1,197.00 214.38	218.18
10 21 13 19-0323	EA			60" x 60", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	7,213.49 -1,553.39 214.38	229.82

10 Specialties**10 20 Interior Specialties****10 21 Compartments and Cubicles**
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10 21 13 19-0324	EA	60" x 78", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	7,917.30	235.64
		<i>For Solid Color Material (No Particulate), Deduct</i>	-1,712.59	
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
10 21 13 19-0325		Solid Polyester (Corian) Urinal Screens <small>(10 21 13 19-0307)</small>		
10 21 13 19-0326		Floor Anchored, Solid Polyester (Corian), Urinal Screens <small>(10 21 13 19-0325)</small>		
10 21 13 19-0327	EA	24" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen	1,319.41	81.42
		<i>For Solid Color Material (No Particulate), Deduct</i>	-266.01	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0328	EA	36" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen	1,746.37	87.23
		<i>For Solid Color Material (No Particulate), Deduct</i>	-361.54	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0329	EA	48" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen	2,173.34	93.05
		<i>For Solid Color Material (No Particulate), Deduct</i>	-457.06	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0330		Wall Hung, Solid Polyester (Corian), Urinal Screens <small>(10 21 13 19-0325)</small>		
10 21 13 19-0331	EA	18" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen	670.80	69.79
		<i>For Solid Color Material (No Particulate), Deduct</i>	-122.18	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0332	EA	24" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen	859.48	75.61
		<i>For Solid Color Material (No Particulate), Deduct</i>	-162.90	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0333	EA	30" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen	1,048.19	81.42
		<i>For Solid Color Material (No Particulate), Deduct</i>	-203.63	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0334		Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screens <small>(10 21 13 19-0325)</small>		
10 21 13 19-0335	EA	18" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen	879.87	75.61
		<i>For Solid Color Material (No Particulate), Deduct</i>	-167.59	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0336	EA	24" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen	1,099.18	81.42
		<i>For Solid Color Material (No Particulate), Deduct</i>	-215.36	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0337	EA	30" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen	1,318.46	87.23
		<i>For Solid Color Material (No Particulate), Deduct</i>	-263.12	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0338		Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screens <small>(10 21 13 19-0325)</small>		
10 21 13 19-0339	EA	22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen	1,353.04	75.61
		<i>For Solid Color Material (No Particulate), Deduct</i>	-276.42	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0340	EA	34" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen	1,780.00	81.42
		<i>For Solid Color Material (No Particulate), Deduct</i>	-371.95	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0341	EA	46" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen	2,206.96	87.23
		<i>For Solid Color Material (No Particulate), Deduct</i>	-467.47	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0342		Solid Polyester (Corian) Toilet Partition Doors, Panels And Pilasters <small>(10 21 13 19-0307)</small>		
		See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.		
10 21 13 19-0343		Solid Polyester (Corian), Toilet Partition Doors <small>(10 21 13 19-0342)</small>		
10 21 13 19-0344	EA	24" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	1,050.24	23.27
		<i>For Solid Color Material (No Particulate), Deduct</i>	-230.85	
		<i>For Heavy Gauge Full-Height SS Hinge, Add</i>	95.58	
10 21 13 19-0345	EA	26" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	1,121.98	23.27
		<i>For Solid Color Material (No Particulate), Deduct</i>	-247.35	
		<i>For Heavy Gauge Full-Height SS Hinge, Add</i>	95.58	
10 21 13 19-0346	EA	30" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	1,279.51	26.18
		<i>For Solid Color Material (No Particulate), Deduct</i>	-282.24	
		<i>For Heavy Gauge Full-Height SS Hinge, Add</i>	95.58	
10 21 13 19-0347	EA	34" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	1,427.55	26.18
		<i>For Solid Color Material (No Particulate), Deduct</i>	-316.29	
		<i>For Heavy Gauge Full-Height SS Hinge, Add</i>	95.58	
10 21 13 19-0348	EA	36" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	1,491.96	26.18
		<i>For Solid Color Material (No Particulate), Deduct</i>	-331.11	
		<i>For Heavy Gauge Full-Height SS Hinge, Add</i>	95.58	
10 21 13 19-0349		Solid Polyester (Corian), Toilet Partition Panels <small>(10 21 13 19-0342)</small>		
10 21 13 19-0350	EA	6" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	277.47	34.91
		<i>For Solid Color Material (No Particulate), Deduct</i>	-47.76	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0351	EA	12" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	490.97	37.82
		<i>For Solid Color Material (No Particulate), Deduct</i>	-95.53	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0352	EA	18" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	704.43	40.73
		<i>For Solid Color Material (No Particulate), Deduct</i>	-143.29	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0353	EA		24" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	917.93 -191.05 59.40	43.64
10 21 13 19-0354	EA		30" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,131.40 -238.81 59.40	46.55
10 21 13 19-0355	EA		36" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,344.86 -286.57 59.40	49.46
10 21 13 19-0356	EA		42" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,558.36 -334.34 59.40	52.37
10 21 13 19-0357	EA		48" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,771.83 -382.10 59.40	55.28
10 21 13 19-0358	EA		55" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	2,019.92 -437.82 59.40	58.18
10 21 13 19-0359	EA		58" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	2,126.09 -461.70 59.40	59.34
10 21 13 19-0360	EA		60" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	2,198.80 -477.62 59.40	61.09
10 21 13 19-0361	EA		70" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	2,550.71 -557.22 59.40	64.00
10 21 13 19-0362	EA		78" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	2,833.41 -620.91 59.40	66.91
10 21 13 19-0363			72" Long, Solid Polyester (Corian), Toilet Partition Pilasters <small>(10 21 13 19-0342)</small>		
10 21 13 19-0364	EA		Up To 4" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	360.82 -74.96 59.40	17.46
10 21 13 19-0365	EA		5" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	448.12 -93.70 59.40	20.36
10 21 13 19-0366	EA		6" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	535.42 -112.44 59.40	23.27
10 21 13 19-0367	EA		8" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	704.22 -149.93 59.40	26.18
10 21 13 19-0368	EA		10" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	872.99 -187.41 59.40	29.09
10 21 13 19-0369	EA		12" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,041.76 -224.88 59.40	32.00
10 21 13 19-0370	EA		18" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,536.45 -337.32 59.40	34.91
10 21 13 19-0371	EA		22" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,868.21 -412.29 59.40	37.82
10 21 13 19-0372	EA		24" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	2,036.97 -449.77 59.40	40.73
10 21 13 19-0373			82" Long, Solid Polyester (Corian), Toilet Partition Pilasters <small>(10 21 13 19-0342)</small>		
10 21 13 19-0374	EA		Up To 4" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	406.08 -85.37 59.40	17.46
10 21 13 19-0375	EA		5" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	504.72 -106.72 59.40	20.36
10 21 13 19-0376	EA		6" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	592.72 -125.62 59.40	23.27
10 21 13 19-0377	EA		8" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	808.90 -174.00 59.40	26.18
10 21 13 19-0378	EA		10" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	986.14 -213.43 59.40	29.09
10 21 13 19-0379	EA		12" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,177.55 -256.12 59.40	32.00
10 21 13 19-0380	EA		18" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,740.16 -384.18 59.40	34.91
10 21 13 19-0381	EA		22" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	2,117.18 -469.55 59.40	37.82

10 Specialties**10 20 Interior Specialties****10 21 Compartments and Cubicles**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

10 21 13 19-0382	EA	24" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster.....	2,308.57	40.73
		<i>For Solid Color Material (No Particulate), Deduct</i>	-512.24	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	

10 21 13 19-0383 96" To 120" Long, Solid Polyester (Corian), Toilet Partition Pilasters (10 21 13 19-

10 21 13 19-0384	EA	Up To 4" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster.....	535.42	23.27
		<i>For Solid Color Material (No Particulate), Deduct</i>	-112.44	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0385	EA	5" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster.....	663.47	26.18
		<i>For Solid Color Material (No Particulate), Deduct</i>	-140.55	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0386	EA	6" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster.....	791.51	29.09
		<i>For Solid Color Material (No Particulate), Deduct</i>	-168.67	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0387	EA	8" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster.....	1,041.76	32.00
		<i>For Solid Color Material (No Particulate), Deduct</i>	-224.88	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0388	EA	10" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster.....	1,292.01	34.91
		<i>For Solid Color Material (No Particulate), Deduct</i>	-281.10	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0389	EA	12" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster.....	1,542.27	37.82
		<i>For Solid Color Material (No Particulate), Deduct</i>	-337.32	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0390	EA	18" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster.....	2,281.41	40.73
		<i>For Solid Color Material (No Particulate), Deduct</i>	-505.99	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0391	EA	22" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster.....	2,776.12	43.64
		<i>For Solid Color Material (No Particulate), Deduct</i>	-618.44	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0392	EA	24" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster.....	3,026.37	46.55
		<i>For Solid Color Material (No Particulate), Deduct</i>	-674.65	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	

10 21 13 43 Compartments and Cubicles Common Accessories (10 21 13)
10 21 13 43-0001 Accessories (10 21 13 43)

10 21 13 43-0002	LF	Extruded Aluminum Headrails For Toilet Partitions And Urinal Screens.....	13.84	2.33
10 21 13 43-0003	LF	Stainless Steel Headrails For Toilet Partitions And Urinal Screens.....	23.76	2.33
10 21 13 43-0004	EA	Replacement Of 1-1/2" x 58" Stainless Steel Wall Posts.....	121.45	
10 21 13 43-0005	EA	Replacement Of 58" Aluminum Wall U Bracket.....	72.56	
10 21 13 43-0006	EA	Replacement Of 58" Aluminum Wall Two Ear Bracket.....	120.79	
10 21 13 43-0007	EA	Replacement Of 54" Stainless Steel Wall U Bracket.....	93.04	
10 21 13 43-0008	EA	Replacement Of 54" Stainless Steel Wall Two Ear Bracket.....	226.26	
10 21 13 43-0009	EA	Replacement Of 54" Plastic Wall Two Ear Bracket, All Colors.....	185.29	
10 21 13 43-0010	EA	Replacement Of 57-1/2" Stainless Steel Hinge.....	151.28	

10 21 16 Shower and Dressing Compartments (10 21)
10 21 16 17 Phenolic-Core Shower and Dressing Compartments (10 21 16)
10 21 16 17-0001 Shower Dividers (10 21 16 17)
10 21 16 17-0002 Solid Phenolic Core Laminated Plastic, Shower Dividers (10 21 16 17-0001)

Note: Cut to height in field. panels 58" high. Posts 1-1/4" square, 304 stainless steel satin finish. 1/2" thick panels.

10 21 16 17-0003	EA	18" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider.....	1,281.68	145.45
		<i>For 66" High Panels, Add</i>	148.62	
10 21 16 17-0004	EA	24" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider.....	1,635.23	157.09
		<i>For 66" High Panels, Add</i>	198.16	
10 21 16 17-0005	EA	36" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider.....	2,141.94	174.54
		<i>For 66" High Panels, Add</i>	268.93	
10 21 16 17-0006	EA	48" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider.....	2,530.36	203.64
		<i>For 66" High Panels, Add</i>	318.47	
10 21 16 17-0007	EA	57" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider.....	2,918.81	232.73
		<i>For 66" High Panels, Add</i>	368.00	

10 21 16 17-0008 Solid Phenolic Core Laminated Plastic, Shower Dividers With Headrail And Curtain Track (10 21 16 17-0001)

Note: Cut to height in field. Panels 58" high. Posts 1-1/4" square, 304 stainless steel satin finish. 1/2" thick panels. Includes 3/4" stiles, 85" from floor to top of headrail. Headrail 4" wide. All stainless steel shoes and stainless steel fittings. Leveling devices are chromate treated double zinc plated steel. Overhead braced designed with concealed curtain tracks and hooks in headrail.

10 21 16 17-0009	EA	18" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track.....	3,184.77	255.65
		<i>For 66" High Panels, Add</i>	452.15	
		<i>For 6" Wide Head Rail, Add</i>	85.32	
		<i>For 8" Wide Head Rail, Add</i>	117.17	
		<i>For 10" Wide Head Rail, Add</i>	143.90	
		<i>For 12" Wide Head Rail, Add</i>	173.19	
		<i>For 18" Wide, 1/2" Thick Bench, Add</i>	136.13	
		<i>For 24" Wide, 1/2" Thick Bench, Add</i>	176.13	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 21 16 17-0010	EA		24" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	3,965.78	279.15
			For 66" High Panels, Add	566.95	
			For 6" Wide Head Rail, Add	107.81	
			For 8" Wide Head Rail, Add	147.46	
			For 10" Wide Head Rail, Add	181.54	
			For 12" Wide Head Rail, Add	218.40	
			For 18" Wide, 1/2" Thick Bench, Add	140.84	
			For 24" Wide, 1/2" Thick Bench, Add	180.84	
10 21 16 17-0011	EA		36" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	5,049.53	296.84
			For 66" High Panels, Add	727.75	
			For 6" Wide Head Rail, Add	139.61	
			For 8" Wide Head Rail, Add	190.11	
			For 10" Wide Head Rail, Add	234.67	
			For 12" Wide Head Rail, Add	282.19	
			For 18" Wide, 1/2" Thick Bench, Add	144.37	
			For 24" Wide, 1/2" Thick Bench, Add	184.37	
10 21 16 17-0012	EA		48" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	5,382.17	332.09
			For 66" High Panels, Add	774.12	
			For 6" Wide Head Rail, Add	148.18	
			For 8" Wide Head Rail, Add	202.00	
			For 10" Wide Head Rail, Add	249.18	
			For 12" Wide Head Rail, Add	299.68	
			For 18" Wide, 1/2" Thick Bench, Add	151.42	
			For 24" Wide, 1/2" Thick Bench, Add	191.42	
10 21 16 17-0013	EA		57" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	6,173.71	360.95
			For 66" High Panels, Add	889.96	
			For 6" Wide Head Rail, Add	170.77	
			For 8" Wide Head Rail, Add	232.51	
			For 10" Wide Head Rail, Add	287.03	
			For 12" Wide Head Rail, Add	345.16	
			For 18" Wide, 1/2" Thick Bench, Add	157.19	
			For 24" Wide, 1/2" Thick Bench, Add	197.19	

10 21 23 Cubicle Curtains and Track (10 21)

10 21 23 13 Cubicle Curtains (10 21 23)

10 21 23 13-0001 Hospital Curtains With Nylon Mesh Tops (10 21 23 13)

10 21 23 13-0002	LF		84" High, Fire Resistant Polyester, Hospital Cubicle Curtain	17.04	1.00
10 21 23 13-0003	LF		90" High, Fire Resistant Polyester, Hospital Cubicle Curtain	18.04	1.00
10 21 23 13-0004	LF		96" High, Fire Resistant Polyester, Hospital Cubicle Curtain	19.31	1.00
10 21 23 13-0005	LF		102" High, Fire Resistant Polyester, Hospital Cubicle Curtain	20.33	1.00
10 21 23 13-0006	LF		108" High, Fire Resistant Polyester, Hospital Cubicle Curtain	21.35	1.00
10 21 23 13-0007	LF		120" High, Fire Resistant Polyester, Hospital Cubicle Curtain	23.30	1.00

10 21 23 16 Cubicle Track and Hardware (10 21 23)

10 21 23 16-0001 Hospital Bendable Curtain Track (10 21 23 16)

10 21 23 16-0002	EA		105', Bendable Curtain Track (InPro 115237)	1,286.75	78.58
10 21 23 16-0003	EA		16', Bendable Curtain Track (InPro 115236)	246.59	44.88
10 21 23 16-0004	EA		8', Bendable Curtain Track (InPro 115235)	140.54	29.91

10 21 23 16-0005 Hospital Cubicle Curtain Channel Track (10 21 23 16)

Note: Track is extruded aluminum. Includes curved sections, carrier rollers and all fittings. (Medline)					
10 21 23 16-0006	LF		Flush Mounted, Aluminum, Hospital Cubicle Curtain Channel Track	22.48	5.29
10 21 23 16-0007	LF		Suspended, Aluminum, Hospital Cubicle Curtain Channel Track	35.49	5.82

10 21 23 16-0008 Hospital IV Tracks (10 21 23 16)

10 21 23 16-0009	LF		Oval Hospital Partition IV Track	32.00	3.32
10 21 23 16-0010	EA		Hospital Partition IV Trolley	177.99	13.85
10 21 23 16-0011	EA		5 Hook Tree, Hospital Partition IV Pendant	758.36	13.85

10 22 Partitions (10 20)

10 22 13 Wire Mesh Partitions (10 22)

10 22 13 00-0001 Wall Panels (10 22 13)

Note: Includes steel frame and posts. Posts bolted to floor.					
10 22 13 00-0002	SF		Wire Mesh Wall Panel, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	15.23	1.45
			For 5' Wide Panels, Add	0.62	
10 22 13 00-0003	SF		Wire Mesh Wall Panel, 8 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	16.86	1.74
			For 5' Wide Panels, Add	0.67	
10 22 13 00-0004	SF		Wire Mesh Wall Panel, 6 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	18.96	2.03
			For 5' Wide Panels, Add	0.74	

10 22 13 00-0005 Ceiling Panels (10 22 13)

Note: Includes steel frame.					
10 22 13 00-0006	SF		Wire Mesh Ceiling Panel, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	15.75	1.74
10 22 13 00-0007	SF		Wire Mesh Ceiling Panel, 8 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	17.39	2.03
10 22 13 00-0008	SF		Wire Mesh Ceiling Panel, 6 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	19.25	2.33

10 Specialties

10 20 Interior Specialties

10 22 Partitions

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

10 22 13 00-0009	Sliding Doors <small>(10 22 13)</small>			
	Note: Includes padlocks lugs and/or provisions for cylinder lock.			
10 22 13 00-0010	EA	4' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock.....	1,420.34	305.45
		For 8 Gauge, Add	151.96	
		For 6 Gauge, Add	303.92	
10 22 13 00-0011	EA	4' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock.....	1,495.31	337.45
		For 8 Gauge, Add	156.81	
		For 6 Gauge, Add	313.61	
10 22 13 00-0012	EA	5' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock.....	1,636.57	349.09
		For 8 Gauge, Add	175.67	
		For 6 Gauge, Add	351.34	
10 22 13 00-0013	EA	5' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock.....	1,785.30	378.18
		For 8 Gauge, Add	192.16	
		For 6 Gauge, Add	384.32	
10 22 13 00-0014	EA	6' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock.....	1,845.55	401.44
		For 8 Gauge, Add	196.54	
		For 6 Gauge, Add	393.09	
10 22 13 00-0015	EA	6' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock.....	2,032.04	424.72
		For 8 Gauge, Add	219.86	
		For 6 Gauge, Add	439.72	
10 22 13 00-0016	EA	8' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock.....	2,183.84	456.72
		For 8 Gauge, Add	236.23	
		For 6 Gauge, Add	472.46	
10 22 13 00-0017	EA	8' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock.....	2,378.22	477.08
		For 8 Gauge, Add	261.32	
		For 6 Gauge, Add	522.63	
10 22 13 00-0018	EA	10' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock.....	2,398.76	488.72
		For 8 Gauge, Add	262.07	
		For 6 Gauge, Add	524.14	
10 22 13 00-0019	EA	10' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock.....	2,649.00	517.81
		For 8 Gauge, Add	293.79	
		For 6 Gauge, Add	587.58	
10 22 13 00-0020	Swing Doors <small>(10 22 13)</small>			
10 22 13 00-0021	Single Swing Door <small>(10 22 13 00-0020)</small>			
10 22 13 00-0022	EA	3' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock.....	972.31	180.36
		For 8 Gauge, Add	107.06	
		For 6 Gauge, Add	214.12	
10 22 13 00-0023	EA	3' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock.....	1,046.58	203.64
		For 8 Gauge, Add	116.26	
		For 6 Gauge, Add	232.52	
10 22 13 00-0024	EA	3' x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock.....	1,121.98	215.27
		For 8 Gauge, Add	125.24	
		For 6 Gauge, Add	250.49	
10 22 13 00-0025	EA	4' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock.....	1,104.77	232.73
		For 8 Gauge, Add	119.17	
		For 6 Gauge, Add	238.34	
10 22 13 00-0026	EA	4' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock.....	1,182.92	244.35
		For 8 Gauge, Add	128.57	
		For 6 Gauge, Add	257.13	
10 22 13 00-0027	EA	4' x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock.....	1,235.95	255.99
		For 8 Gauge, Add	134.19	
		For 6 Gauge, Add	268.39	
10 22 13 00-0028	Double Swing Doors <small>(10 22 13 00-0020)</small>			
10 22 13 00-0029	EA	6' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock.....	1,539.41	290.90
		For 8 Gauge, Add	172.73	
		For 6 Gauge, Add	345.46	
10 22 13 00-0030	EA	6' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock.....	1,666.61	308.36
		For 8 Gauge, Add	188.32	
		For 6 Gauge, Add	376.64	
10 22 13 00-0031	EA	6' x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock.....	1,793.79	325.81
		For 8 Gauge, Add	203.91	
		For 6 Gauge, Add	407.81	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 22 13 00-0032	EA			8 x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock.....	1,925.51	349.09
				<i>For 8 Gauge, Add</i>	219.01	
				<i>For 6 Gauge, Add</i>	438.02	
10 22 13 00-0033	EA			8 x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock.....	2,109.23	366.54
				<i>For 8 Gauge, Add</i>	243.08	
				<i>For 6 Gauge, Add</i>	486.16	
10 22 13 00-0034	EA			8 x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock.....	2,290.82	384.00
				<i>For 8 Gauge, Add</i>	266.83	
				<i>For 6 Gauge, Add</i>	533.65	

10 22 13 00-0035 Dutch Doors (10 22 13)

Note: Includes padlocks lugs and/or provisions for cylinder lock.

10 22 13 00-0036	EA			3' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock.....	1,324.08	180.36
				<i>For 8 Gauge, Add</i>	159.83	
				<i>For 6 Gauge, Add</i>	319.65	
10 22 13 00-0037	EA			3' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock.....	1,404.63	203.64
				<i>For 8 Gauge, Add</i>	169.97	
				<i>For 6 Gauge, Add</i>	339.94	
10 22 13 00-0038	EA			3' x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock.....	1,445.24	215.27
				<i>For 8 Gauge, Add</i>	173.73	
				<i>For 6 Gauge, Add</i>	347.47	
10 22 13 00-0039	EA			3' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock.....	1,520.76	244.35
				<i>For 8 Gauge, Add</i>	179.24	
				<i>For 6 Gauge, Add</i>	358.48	
10 22 13 00-0040	EA			4' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock.....	1,461.63	232.73
				<i>For 8 Gauge, Add</i>	172.70	
				<i>For 6 Gauge, Add</i>	345.40	
10 22 13 00-0041	EA			4' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock.....	1,550.96	244.35
				<i>For 8 Gauge, Add</i>	183.77	
				<i>For 6 Gauge, Add</i>	367.54	

10 22 19 Demountable Partitions (10 22)

10 22 19 13 Demountable Metal Partitions (10 22 19)

10 22 19 13-0001	LF			9' High Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5" Thick	167.08	18.50
				<i>For >9, Add 20.89</i>		
10 22 19 13-0002	LF			7' High Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5" Thick	146.68	14.74
				<i>For >9, Add 18.34</i>		
10 22 19 13-0003	LF			5' High Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5" Thick	126.30	11.08
				<i>For >9, Add 15.79</i>		
10 22 19 13-0004	LF			9' High Demountable Partition, Moveable Steel Wall, Mod System, Unitized Panel, 48" Wide, Backed Enamel.....	164.77	14.74
				<i>For >9, Add 20.60</i>		
10 22 19 13-0005	LF			9' High Demountable Partition, Moveable Steel Wall, Mod System, Unitized Panels, 48" Wide, Fabric.....	238.86	15.84
				<i>For >9, Add 29.86</i>		

10 22 19 43 Demountable Composite Partitions (10 22 19)

10 22 19 43-0001	LF			Demountable Partition, Mineral Fiber System, Unitized Panel, 9' High, 2-1/4" Thick, Aluminum Frame, Vinyl Clad	258.08	18.50
				<i>For >9, Add 32.26</i>		
10 22 19 43-0002	LF			Demountable Partition, Mineral Fiber System, Unitized Panel, 9' High, 2-1/4" Thick, Aluminum Frame, Fabric Clad	323.27	20.16
				<i>For >9, Add 40.41</i>		
10 22 19 43-0003	SF			Partition, Trackless Wall, Cork Finish, Semi-Acoustic, 1-5/8" Thick	54.21	2.77
				<i>For Acoustical Partitions, Add</i>	4.88	
10 22 19 43-0004	SF			Partition, Trackless Wall, Cork Finish, Semi-Acoustic, 1-5/8" Thick	67.84	4.65
				<i>For Acoustical Partitions, Add</i>	5.85	
10 22 19 43-0005	SF			Partition, Trackless Wall, Cork Finish, Acoustic, 2" Thick	57.83	2.88
				<i>For Acoustical Partitions, Add</i>	5.20	
10 22 19 43-0006	SF			Partition, Trackless Wall, Cork Finish, Acoustic, 2" Thick	82.72	3.99
				<i>For Acoustical Partitions, Add</i>	7.48	

10 22 19 53 Demountable Gypsum Partitions (10 22 19)

10 22 19 53-0001 Demountable Gypsum Partitions (10 22 19 53)

10 22 19 53-0002	LF			9' High Demountable Partition Gypsum System, 2" To 2.5" Steel Standard, 3" To 3-3/4" Thick, Vinyl Clad	99.38	18.50
				<i>For >9, Add 12.42</i>		
10 22 19 53-0003	LF			9' High Demountable Partition Gypsum System, 2" To 2.5" Steel Standard, 3" To 3-3/4" Thick, Fabric Clad	166.82	20.16
				<i>For >9, Add 20.85</i>		
10 22 19 53-0004	LF			9' High Demountable Partition Gypsum System, 2" To 2.5", Steel Standard, 3" To 3-3/4" Thick, Steel Clad	179.59	22.16
				<i>For >9, Add 22.45</i>		
10 22 19 53-0005	LF			9' High Demountable Partition Gypsum System, Unitized Panel, 2" To 2-1/2" Thick, Vinyl Clad.....	209.29	18.50
				<i>For >9, Add 26.16</i>		
10 22 19 53-0006	LF			9' High Demountable Partition Gypsum System, Unitized Panel, 2" To 2-1/2" Thick, Fabric Clad	349.28	20.16
				<i>For >9, Add 43.66</i>		

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

10 22 23 Portable Partitions, Screens, and Panels (10 22)

Note: Includes standard units, standard height glass and glazing. For 25 percent and 50 percent glass 1/4" plate glass is used. For 100 percent glass 1/4" tempered plate is used.

10 22 23 23 Movable Panel Systems (10 22 23)

10 22 23 23-0001 Portable Partitions (10 22 23 23)

10 22 23 23-0002	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 4' High	326.74	8.87
10 22 23 23-0003	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 5' High	348.24	9.86
10 22 23 23-0004	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 6' High	413.99	11.86
10 22 23 23-0005	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 4' High	241.09	5.10
10 22 23 23-0006	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 5' High	255.79	5.87
10 22 23 23-0007	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 6' High	287.43	7.09
10 22 23 23-0008	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 6'-0" Long, 5' High	245.15	5.43
10 22 23 23-0009	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Curved, 3'-0" Long, 5' High	436.07	9.86
10 22 23 23-0010	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Curved, 3'-0" Long, 6' High	479.04	11.86
10 22 23 23-0011	LF	Partitions, Portable, Economical Panels, Fabric Face, 4'-0" Long, 5' High	254.14	6.76
10 22 23 23-0012	LF	Partitions, Portable, Economical Panels, Fabric Face, 4'-0" Long, 6' High	289.07	7.87
10 22 23 23-0013	LF	Partitions, Portable, Economical Panels, Fabric Face, 5'-0" Long, 5' High	233.02	5.87
10 22 23 23-0014	LF	Partitions, Portable, Economical Panels, Fabric Face, 5'-0" Long, 6' High	261.41	7.09
10 22 23 23-0015	LF	Partitions, Portable, Economical Panels, Fabric Face, 3'-0" Curved, 5' High	387.28	9.86
10 22 23 23-0016	LF	Partitions, Portable, Economical Panels, Fabric Face, 3'-0" Curved, 6' High	436.76	11.86
10 22 23 23-0017	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 3'-0" Long, 5' High	393.78	9.86
10 22 23 23-0018	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 3'-0" Long, 6' High	479.04	11.86
10 22 23 23-0019	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 5'-0" Long, 5' High	304.58	5.87
10 22 23 23-0020	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 5'-0" Long, 6' High	342.73	7.09
10 22 23 23-0021	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 6'-0" Long, 5' High	321.59	5.43
10 22 23 23-0022	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 6'-0" Long, 6' High	383.68	6.43
10 22 23 23-0023	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 4'-0" Long, 5' High	185.83	6.76
10 22 23 23-0024	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 4'-0" Long, 6' High	219.14	7.87
10 22 23 23-0025	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 5'-0" Long, 6' High	197.98	7.09
10 22 23 23-0026	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 6'-0" Long, 5' High	144.31	5.43
10 22 23 23-0027	LF	Partitions, Portable, Metal Chalkboard, 6'-6" High, 1 Side	235.39	7.09
10 22 23 23-0028	LF	Partitions, Portable, Metal Chalkboard, 2 Sides	268.50	7.43
10 22 23 23-0029	LF	Partitions, Portable, Tackboard, Both Sides	216.09	7.20

10 22 23 23-0030 Adjustable Barrier Panel System (Edge Guard) (10 22 23 23)

Note: Panels are opal or transparent. Includes self leveling floor channel, 1/4" foam gasket to conform to ceiling, edge gaskets, grid clips, and cam locks.

10 22 23 23-0031	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4000)	991.52	
10 22 23 23-0032	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4001)	941.31	
10 22 23 23-0033	EA	2' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4002)	740.45	
10 22 23 23-0034	EA	2' Wide x 7'-8" To 10' High With High Efficiency Particulate Air (HEPA) Filtered Air Discharge Port, Fire Rated Containment Panel Assembly (Edge Guard 4002.1)	857.62	
10 22 23 23-0035	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 32" Door (Edge Guard 4010)	1,518.77	
Note: Includes a hydraulic closer and a lever style lockset standard.				
10 22 23 23-0036	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 44" Door (Edge Guard 4003)	1,686.15	
10 22 23 23-0037	EA	4'-4" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 48" Door (Edge Guard 4008)	2,020.91	
Note: Includes a hydraulic closer and a lever style lockset standard.				
10 22 23 23-0038	EA	7'-8" To 10' High, Hinged Corner Assembly (Edge Guard 4004)	332.92	
10 22 23 23-0039	EA	6" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4005)	453.92	
10 22 23 23-0040	EA	12" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4006)	487.39	
10 22 23 23-0041	EA	7'-8" To 10' High, Outside Corner Post (Edge Guard 4007)	274.34	
10 22 23 23-0042	EA	7'-8" To 10' High, "T" Post Corner Assembly (Edge Guard 4009)	274.34	
10 22 23 23-0043	EA	Closure Strips (Edge Guard 3003)	18.51	
Note: To seal panels to existing walls				
10 22 23 23-0044	EA	Digital Differential Pressure Gauge Kit (Edge Guard 3005)	466.12	

10 22 23 23-0045 Adjustable Barrier Panel System (Starc Systems, Inc.) (10 22 23 23)

10 22 23 23-0046	EA	Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", 12" Wide (Starc S3-WM-12)	774.70	
Note: Includes setting, leveling and plumbing of containment wall/dust barrier and extending barrier to ceiling height.				
10 22 23 23-0047	EA	Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", 18" Wide (Starc S3-WM-18)	873.26	
Note: Includes setting, leveling and plumbing of containment wall/dust barrier and extending barrier to ceiling height.				
10 22 23 23-0048	EA	Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", 24" Wide (Starc S3-WM-24)	961.44	
Note: Includes setting, leveling and plumbing of containment wall/dust barrier and extending barrier to ceiling height.				
10 22 23 23-0049	EA	Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", 32" Wide (Starc S3-WM-32)	1,020.25	
Note: Includes setting, leveling and plumbing of containment wall/dust barrier and extending barrier to ceiling height.				
10 22 23 23-0050	EA	Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", 42" Wide (Starc S3-WM-42)	1,167.23	
Note: Includes setting, leveling and plumbing of containment wall/dust barrier and extending barrier to ceiling height.				
10 22 23 23-0051	EA	Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", Negative Air Management Panel, Expandable From 6'-10" To 10'-3", 18" Wide (Starc S3-AIR-24)	1,255.42	
Note: Includes setting, leveling and plumbing of containment wall/dust barrier and extending barrier to ceiling height.				
10 22 23 23-0052	EA	Containment Wall/Dust Barrier, 42" Hinged Door (Starc S3-HD-42)	1,843.38	
Note: Includes setting, leveling and plumbing of containment wall/dust barrier door. Handleset if not included.				
10 22 23 23-0053	EA	Containment Wall/Dust Barrier, 42" Hinged Door With Handleset And Closer (Starc S3-HD-42H)	2,490.13	
Note: Includes setting, leveling and plumbing of containment wall/dust barrier door. Handleset included.				
10 22 23 23-0054	EA	Containment Wall/Dust Barrier, 54" Hinged Door With Handleset And Closer (Starc S3-HD-54H)	2,725.30	
Note: Includes setting, leveling and plumbing of containment wall/dust barrier door. Handleset included.				

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 22 23 23-0055	EA			Containment Wall/Dust Barrier, 42" Sliding Door With ICU Latch (Starc S3-SD-42) Note: Includes setting, leveling and plumbing of containment wall/dust barrier door. Handleset included.	2,842.89	
10 22 23 23-0056	EA			Containment Wall/Dust Barrier, 54" Sliding Door With ICU Latch (Starc S3-SD-54) Note: Includes setting, leveling and plumbing of containment wall/dust barrier door. Handleset included.	3,019.29	
10 22 23 23-0057	EA			Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", Right Wall Interface (Starc S1-RWI) Note: Includes setting, leveling and plumbing of containment wall/dust barrier wall interface.	449.92	
10 22 23 23-0058	EA			Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", Left Wall Interface (Starc S1-LWI) Note: Includes setting, leveling and plumbing of containment wall/dust barrier wall interface.	449.92	
10 22 23 23-0059	EA			Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", Filler Panel Kit (Starc S1-FP) Note: Includes setting, leveling and plumbing of containment wall/dust barrier filler panel attachment rail. Actual filler material is not included.	226.51	
10 22 23 23-0060	EA			Containment Wall/Dust Barrier, Wall Mounted Differential Pressure Monitor (Starc S1-RPM-RT1) Note: Includes installation of wall mounted differential pressure monitor for containment wall.	1,357.41	
10 22 23 23-0061	EA			Containment Wall/Dust Barrier, Accessories, Ceiling Grid Clip, 9/16" To 15/16" (Starc S1-FGC) Note: Includes attaching ceiling grid clip to containment barrier panel and ceiling grid	14.53	
10 22 23 23-0062	EA			Containment Wall/Dust Barrier, Accessories, Ceiling Grid Clip, Ultraline Grid (Starc S1-FGC-U) Note: Includes attaching ceiling grid clip to containment barrier panel and ceiling grid	13.94	
10 22 23 23-0063	EA			Containment Wall/Dust Barrier, Accessories, Flexible Corner, 15 To 90 Degrees (Starc S1-FC) Note: Includes setting, leveling and plumbing of containment wall/dust barrier flexible corner.	373.50	
10 22 23 23-0064	EA			Containment Wall/Dust Barrier, Accessories, Right Hand T-Intersection (Starc S1-OT-R) Note: Includes setting, leveling and plumbing of containment wall/dust barrier T intersection.	549.88	
10 22 23 23-0065	EA			Containment Wall/Dust Barrier, Accessories, Left Hand T-Intersection (Starc S1-OT-L) Note: Includes setting, leveling and plumbing of containment wall/dust barrier T intersection.	549.88	
10 22 23 23-0066	EA			Containment Wall/Dust Barrier, Accessories, T-Intersection Bracket (Starc S1-IT) Note: Includes setting, leveling and plumbing of containment wall/dust barrier T intersection bracket.	226.51	
10 22 23 23-0067	EA			Containment Wall/Dust Barrier, Accessories, Quad Screw Joiner Plate (Starc S1-JP) Note: Includes installation of quad screw joiner plate for containment barrier.	13.35	
10 22 23 23-0068	EA			Containment Wall/Dust Barrier, Accessories, Floor Panel Brace (Starc S3-FPB) Note: Includes installation of containment barrier floor panel brace.	238.27	
10 22 23 23-0069	EA			Lightweight Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", 12" Wide (Starc LB-WM-12) Note: Includes setting, leveling and plumbing of containment wall/dust barrier and extending barrier to ceiling height.	480.73	
10 22 23 23-0070	EA			Lightweight Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", 18" Wide (Starc LB-WM-18) Note: Includes setting, leveling and plumbing of containment wall/dust barrier and extending barrier to ceiling height.	549.88	
10 22 23 23-0071	EA			Lightweight Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", 24" Wide (Starc LB-WM-24) Note: Includes setting, leveling and plumbing of containment wall/dust barrier and extending barrier to ceiling height.	608.68	
10 22 23 23-0072	EA			Lightweight Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", 36" Wide (Starc LB-WM-36) Note: Includes setting, leveling and plumbing of containment wall/dust barrier and extending barrier to ceiling height.	726.26	
10 22 23 23-0073	EA			Lightweight Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", 48" Wide (Starc LB-WM-48) Note: Includes setting, leveling and plumbing of containment wall/dust barrier and extending barrier to ceiling height.	814.46	
10 22 23 23-0074	EA			Lightweight Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", Negative Air Management Panel, 24" Wide (Starc LB-AIR-24) Note: Includes setting, leveling and plumbing of containment wall/dust barrier and extending barrier to ceiling height.	902.65	
10 22 23 23-0075	EA			Lightweight Containment Wall/Dust Barrier, 42" Hinged Door (Starc LB-HD-42H) Note: Includes setting, leveling and plumbing of containment wall/dust barrier door. Handleset and closer are included	1,661.12	
10 22 23 23-0076	EA			Lightweight Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", Right Wall Interface (Starc LB-RWI) Note: Includes setting, leveling and plumbing of containment wall/dust barrier wall interface.	314.69	
10 22 23 23-0077	EA			Lightweight Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", Left Wall Interface (Starc LB-LWI) Note: Includes setting, leveling and plumbing of containment wall/dust barrier wall interface.	314.69	
10 22 23 23-0078	EA			Lightweight Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", Right Wall Filler Panel (Starc LB-RFP) Note: Includes setting, leveling and plumbing of containment wall/dust barrier filler panel attachment rail. Actual filler material is not included.	267.66	
10 22 23 23-0079	EA			Lightweight Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", Left Wall Filler Panel (Starc LB-LFP) Note: Includes setting, leveling and plumbing of containment wall/dust barrier filler panel attachment rail. Actual filler material is not included.	267.66	
10 22 23 23-0080	EA			Lightweight Containment Wall/Dust Barrier, Accessories, Flexible Corner (Starc LB-FC) Note: Includes setting, leveling and plumbing of containment wall/dust barrier flexible corner.	344.09	

10 22 33 Accordion Folding Partitions (10 22)

10 22 33 00-0001 Accordion Doors/Partitions (10 22 33)

Note: Includes top support track and assembled panels.

10 22 33 00-0002	SF			15 STC, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 1500) <i>For <135, Add</i>	89.46	5.48
					17.89	
10 22 33 00-0003	SF			20 STC, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 2000) <i>For <135, Add</i>	90.84	5.67
					18.17	
10 22 33 00-0004	SF			31 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 3100) <i>For <135, Add</i>	95.14	5.85
					19.03	
10 22 33 00-0005	SF			35 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 3500) <i>For <135, Add</i>	100.96	6.04
					20.19	
10 22 33 00-0006	SF			39 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 3900) <i>For <135, Add</i>	102.71	6.22
					20.54	
10 22 33 00-0007	SF			40 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 4000) <i>For <135, Add</i>	103.95	6.41
					20.79	
10 22 33 00-0008	SF			41 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 4100) <i>For <135, Add</i>	105.16	6.58
					21.03	
10 22 33 00-0009	SF			45 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 4500) <i>For <135, Add</i>	106.68	6.94
					21.34	

10 Specialties**10 20 Interior Specialties****10 22 Partitions**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
10 22 43 Sliding Partitions (10 22)**10 22 43 00-0001 Operable Wall (10 22 43)**

		Note: Includes top support track, assembled panel and frames.		
10 22 43 00-0002	SF	Up To 720 SF, 12' Height Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	238.77	22.20
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	18.83	
10 22 43 00-0003	SF	>720 To 1,200 SF, 12 High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	221.53	17.88
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	18.42	
10 22 43 00-0004	SF	>1,200 SF, 12' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	208.86	14.84
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	18.03	
10 22 43 00-0005	SF	Up To 1,080 SF, 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	203.17	15.60
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	17.14	
10 22 43 00-0006	SF	>1,080 To 1,800 SF, 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	190.02	12.69
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	16.66	
10 22 43 00-0007	SF	>1,800 SF, 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	182.29	11.41
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	16.26	
10 22 43 00-0008	SF	Up To 1,440 SF, 24' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	180.28	12.31
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	15.74	
10 22 43 00-0009	SF	>1,440 To 2,400 SF, 24' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	170.30	10.53
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	15.24	
10 22 43 00-0010	SF	>2,400 SF, 24' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	163.45	9.38
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	14.85	
10 22 43 00-0011	SF	Up To 160 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating	180.44	14.84
		Note: Includes type 3 pocket door, track and hardware. Hufcor 632.		
		For 51 STC, Add	14.88	
10 22 43 00-0012	SF	>160 To 240 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating	165.92	11.29
		Note: Includes type 3 pocket door, track and hardware. Hufcor 632.		
		For 51 STC, Add	14.48	
10 22 43 00-0013	SF	>240 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating	157.56	9.51
		Note: Includes type 3 pocket door, track and hardware. Hufcor 632.		
		For 51 STC, Add	14.15	

10 26 Wall and Door Protection (10 20)**10 26 13 Corner Guards (10 26)**

10 26 13 00-0001		Vinyl Corner Guards (10 26 13)		
10 26 13 00-0002		Rigid Vinyl Corner Guards (10 26 13 00-0001)		
10 26 13 00-0003		Surface Mounted, Rigid Vinyl Corner Guards (10 26 13 00-0002)		
10 26 13 00-0004		90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards (10 26 13 00-0003)		
10 26 13 00-0005	LF	3/4" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-34)	8.44	3.49
		For >50 To 100, Deduct	-1.46	
		For >100 To 200, Deduct	-2.04	
		For >200, Deduct	-2.75	
10 26 13 00-0006	LF	1-1/2" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-12)	9.08	3.49
		For >50 To 100, Deduct	-1.46	
		For >100 To 200, Deduct	-2.04	
		For >200, Deduct	-2.78	
10 26 13 00-0007	LF	3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-13)	12.62	3.49
		For >50 To 100, Deduct	-1.46	
		For >100 To 200, Deduct	-2.04	
		For >200, Deduct	-2.96	
10 26 13 00-0008	LF	4" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-14)	17.05	3.49
		For >50 To 100, Deduct	-1.46	
		For >100 To 200, Deduct	-2.04	
		For >200, Deduct	-3.18	
10 26 13 00-0009		135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards (10 26 13 00-0003)		
10 26 13 00-0010	LF	1-1/2" Wing, 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-1245)	16.25	3.49
		For >50 To 100, Deduct	-1.46	
		For >100 To 200, Deduct	-2.04	
		For >200, Deduct	-3.14	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 26 13 00-0011	Rigid Vinyl Corner Guards With Aluminum Retainers <small>(10 26 13 00-0001)</small> Note: Includes closure caps.		
10 26 13 00-0012	Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers <small>(10 26 13 00-0011)</small>		
10 26 13 00-0013	90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers <small>(10 26 13 00-0012)</small>		
10 26 13 00-0014	LF 2" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-20)..... <i>For >50 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i> <i>For Recycled Vinyl Retainer, Deduct</i>	15.93 -2.18 -3.05 -4.28 -1.44	5.23
10 26 13 00-0015	LF 3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-10)..... <i>For >50 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i> <i>For Recycled Vinyl Retainer, Deduct</i>	17.90 -2.18 -3.05 -4.38 -1.84	5.23
10 26 13 00-0016	LF Bullnose 3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-30)..... <i>For >50 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i> <i>For Recycled Vinyl Retainer, Deduct</i>	19.86 -2.18 -3.05 -4.48 -2.23	5.23
10 26 13 00-0017	135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers <small>(10 26 13 00-0012)</small>		
10 26 13 00-0018	LF 3" Wing, 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-135)..... <i>For >50 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i> <i>For Recycled Vinyl Retainer, Deduct</i>	23.55 -2.18 -3.05 -4.67 -2.97	5.23
10 26 13 00-0019	End Wall Protector, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers <small>(10 26 13 00-0012)</small> Note: Includes two rigid vinyl corner guards with aluminum retainers and a vinyl wall covering filler strip inserted between guards.		
10 26 13 00-0020	LF 2" Wing, End Wall Protector, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-11)..... <i>For >50 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i> <i>For Recycled Vinyl Retainer, Deduct</i>	33.52 -2.91 -4.07 -6.33 -4.38	6.98
10 26 13 00-0021	Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers <small>(10 26 13 00-0011)</small>		
10 26 13 00-0022	90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers <small>(10 26 13 00-0021)</small>		
10 26 13 00-0023	LF 2" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-72)..... <i>For >50 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i> <i>For Up To 2 HR Fire Rated, Add</i>	21.59 -2.18 -3.05 -4.57 9.01	5.23
10 26 13 00-0024	LF 3" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-7)..... <i>For >50 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i> <i>For Up To 2 HR Fire Rated, Add</i>	26.26 -2.18 -3.05 -4.80 12.28	5.23
10 26 13 00-0025	LF Bullnose 3" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-32)..... <i>For >50 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i> <i>For Up To 2 HR Fire Rated, Add</i>	24.25 -2.18 -3.05 -4.70 10.87	5.23
10 26 13 00-0026	135 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers <small>(10 26 13 00-0021)</small>		
10 26 13 00-0027	LF 3" Wing, 135 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-75)..... <i>For >50 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i> <i>For Up To 2 HR Fire Rated, Add</i>	28.25 -2.18 -3.05 -4.90 13.67	5.23
10 26 13 00-0028	End Wall Protector, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers <small>(10 26 13 00-0021)</small> Note: Includes two rigid vinyl corner guards with aluminum retainers and a vinyl wall covering filler strip inserted between guards.		

10 Specialties**10 20 Interior Specialties****10 26 Wall and Door Protection**
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10 26 13 00-0029	LF	2" Wing, End Wall Protector, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-888).....	60.04	6.98
		<i>For >50 To 100, Deduct</i>	-2.91	
		<i>For >100 To 200, Deduct</i>	-4.07	
		<i>For >200, Deduct</i>	-7.65	
		<i>For Up To 2 HR Fire Rated, Add</i>	33.89	
10 26 13 00-0030		Flexible Vinyl Corner Guards (10 26 13 00-0001)		
		Note: Includes adhesive for installation.		
10 26 13 00-0031		Surface Mounted, Flexible Vinyl Corner Guards (10 26 13 00-0030)		
10 26 13 00-0032		90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guards (10 26 13 00-0031)		
10 26 13 00-0033	LF	1-3/4" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-9).....	11.89	3.49
		<i>For >50 To 100, Deduct</i>	-1.46	
		<i>For >100 To 200, Deduct</i>	-2.04	
		<i>For >200, Deduct</i>	-2.92	
		<i>For Bolting To Concrete Or Masonry, Add</i>	2.66	
10 26 13 00-0034	LF	2-1/2" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-3).....	15.40	3.49
		<i>For >50 To 100, Deduct</i>	-1.46	
		<i>For >100 To 200, Deduct</i>	-2.04	
		<i>For >200, Deduct</i>	-3.10	
		<i>For Bolting To Concrete Or Masonry, Add</i>	3.18	
10 26 13 00-0035	LF	4" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-15).....	18.25	3.49
		<i>For >50 To 100, Deduct</i>	-1.46	
		<i>For >100 To 200, Deduct</i>	-2.04	
		<i>For >200, Deduct</i>	-3.24	
		<i>For Bolting To Concrete Or Masonry, Add</i>	3.61	
10 26 13 00-0036		Polycarbonate Corner Guards (10 26 13)		
10 26 13 00-0037		Surface Mounted, Polycarbonate Corner Guards (10 26 13 00-0036)		
10 26 13 00-0038		90 Degree Angle, Surface Mounted, Polycarbonate Corner Guards (10 26 13 00-0037)		
10 26 13 00-0039	LF	3/4" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-16).....	7.65	3.49
		<i>For >50 To 100, Deduct</i>	-1.46	
		<i>For >100 To 200, Deduct</i>	-2.04	
		<i>For >200, Deduct</i>	-2.71	
10 26 13 00-0040	LF	1-1/8" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-17).....	9.37	3.49
		<i>For >50 To 100, Deduct</i>	-1.46	
		<i>For >100 To 200, Deduct</i>	-2.04	
		<i>For >200, Deduct</i>	-2.80	
10 26 13 00-0041	LF	2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-24).....	11.38	3.49
		<i>For >50 To 100, Deduct</i>	-1.46	
		<i>For >100 To 200, Deduct</i>	-2.04	
		<i>For >200, Deduct</i>	-2.90	
10 26 13 00-0042	LF	2-1/2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-18).....	12.59	3.49
		<i>For >50 To 100, Deduct</i>	-1.46	
		<i>For >100 To 200, Deduct</i>	-2.04	
		<i>For >200, Deduct</i>	-2.96	
10 26 13 00-0043	LF	Bullnose 2-1/2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-23).....	12.14	3.49
		<i>For >50 To 100, Deduct</i>	-1.46	
		<i>For >100 To 200, Deduct</i>	-2.04	
		<i>For >200, Deduct</i>	-2.94	
10 26 13 00-0044		135 Degree Angle, Surface Mounted, Polycarbonate Corner Guards (10 26 13 00-0037)		
10 26 13 00-0045	LF	2-1/2" Wing, 135 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-19).....	12.59	3.49
		<i>For >50 To 100, Deduct</i>	-1.46	
		<i>For >100 To 200, Deduct</i>	-2.04	
		<i>For >200, Deduct</i>	-2.96	
10 26 13 00-0046		Aluminum Corner Guards (10 26 13)		
10 26 13 00-0047		Surface Mounted, Aluminum Corner Guards (10 26 13 00-0046)		
10 26 13 00-0048		90 Degree Angle, Surface Mounted, Aluminum Corner Guards (10 26 13 00-0047)		
10 26 13 00-0049	LF	1" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-400).....	11.14	3.49
		<i>For >50 To 100, Deduct</i>	-1.46	
		<i>For >100 To 200, Deduct</i>	-2.04	
		<i>For >200, Deduct</i>	-2.89	
10 26 13 00-0050	LF	2" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-401).....	13.46	3.49
		<i>For >50 To 100, Deduct</i>	-1.46	
		<i>For >100 To 200, Deduct</i>	-2.04	
		<i>For >200, Deduct</i>	-3.00	
10 26 13 00-0051	LF	3" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-402).....	14.90	3.49
		<i>For >50 To 100, Deduct</i>	-1.46	
		<i>For >100 To 200, Deduct</i>	-2.04	
		<i>For >200, Deduct</i>	-3.07	
10 26 13 00-0052		135 Degree Angle, Surface Mounted, Aluminum Corner Guards (10 26 13 00-0047)		
10 26 13 00-0053	LF	1" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-403).....	11.14	3.49
		<i>For >50 To 100, Deduct</i>	-1.46	
		<i>For >100 To 200, Deduct</i>	-2.04	
		<i>For >200, Deduct</i>	-2.89	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0054	LF			2" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-404).....	13.46	3.49
				<i>For >50 To 100, Deduct</i>	-1.46	
				<i>For >100 To 200, Deduct</i>	-2.04	
				<i>For >200, Deduct</i>	-3.00	
10 26 13 00-0055	LF			3" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-405).....	14.90	3.49
				<i>For >50 To 100, Deduct</i>	-1.46	
				<i>For >100 To 200, Deduct</i>	-2.04	
				<i>For >200, Deduct</i>	-3.07	
10 26 13 00-0056				Steel Corner Guards <small>(10 26 13)</small>		
10 26 13 00-0057				Steel Angle Iron, Corner Guards <small>(10 26 13 00-0056)</small>		
10 26 13 00-0058				Surface Mounted, Steel Angle Iron, Corner Guards <small>(10 26 13 00-0057)</small>		
10 26 13 00-0059				90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guards <small>(10 26 13 00-0058)</small>		
10 26 13 00-0060	LF			1" x 1" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard.....	14.50	4.19
				<i>For Galvanizing, Add</i>	2.63	
				<i>For >50 To 100, Deduct</i>	-1.75	
				<i>For >100 To 200, Deduct</i>	-2.44	
				<i>For >200, Deduct</i>	-3.52	
10 26 13 00-0061	LF			2" x 2" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard.....	18.54	4.54
				<i>For Galvanizing, Add</i>	3.84	
				<i>For >50 To 100, Deduct</i>	-1.89	
				<i>For >100 To 200, Deduct</i>	-2.65	
				<i>For >200, Deduct</i>	-3.95	
10 26 13 00-0062	LF			2" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard.....	19.72	4.71
				<i>For Galvanizing, Add</i>	4.15	
				<i>For >50 To 100, Deduct</i>	-1.96	
				<i>For >100 To 200, Deduct</i>	-2.75	
				<i>For >200, Deduct</i>	-4.13	
10 26 13 00-0063	LF			3" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard.....	20.16	4.88
				<i>For Galvanizing, Add</i>	4.21	
				<i>For >50 To 100, Deduct</i>	-2.04	
				<i>For >100 To 200, Deduct</i>	-2.85	
				<i>For >200, Deduct</i>	-4.26	
10 26 13 00-0064	LF			3" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard.....	25.24	5.06
				<i>For Galvanizing, Add</i>	5.88	
				<i>For >50 To 100, Deduct</i>	-2.11	
				<i>For >100 To 200, Deduct</i>	-2.95	
				<i>For >200, Deduct</i>	-4.63	
10 26 13 00-0065	LF			4" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard.....	30.34	5.23
				<i>For Galvanizing, Add</i>	7.57	
				<i>For >50 To 100, Deduct</i>	-2.18	
				<i>For >100 To 200, Deduct</i>	-3.05	
				<i>For >200, Deduct</i>	-5.01	
10 26 13 00-0066	LF			6" x 6" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard.....	51.97	6.98
				<i>For Galvanizing, Add</i>	14.12	
				<i>For >50 To 100, Deduct</i>	-2.91	
				<i>For >100 To 200, Deduct</i>	-4.07	
				<i>For >200, Deduct</i>	-7.25	
10 26 13 00-0067				Stainless Steel Corner Guards <small>(10 26 13)</small>		
10 26 13 00-0068				Stainless Steel Corner Guards <small>(10 26 13 00-0067)</small>		
				Note: Includes 16 gauge, type 304 stainless steel corner guards with #4 satin finish.		
10 26 13 00-0069				Surface Mounted, Stainless Steel Corner Guards <small>(10 26 13 00-0068)</small>		
10 26 13 00-0070				90 Degree Angle, Surface Mounted, Stainless Steel Corner Guards <small>(10 26 13 00-0069)</small>		
10 26 13 00-0071	LF			1" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-520).....	12.46	3.49
				<i>For >50 To 100, Deduct</i>	-1.46	
				<i>For >100 To 200, Deduct</i>	-2.04	
				<i>For >200, Deduct</i>	-2.95	
10 26 13 00-0072	LF			2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-510).....	14.50	3.49
				<i>For >50 To 100, Deduct</i>	-1.46	
				<i>For >100 To 200, Deduct</i>	-2.04	
				<i>For >200, Deduct</i>	-3.05	
10 26 13 00-0073	LF			3-1/2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-500).....	19.82	3.49
				<i>For >50 To 100, Deduct</i>	-1.46	
				<i>For >100 To 200, Deduct</i>	-2.04	
				<i>For >200, Deduct</i>	-3.32	
10 26 13 00-0074	LF			Bullnose 3-1/2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-550).....	19.82	3.49
				<i>For >50 To 100, Deduct</i>	-1.46	
				<i>For >100 To 200, Deduct</i>	-2.04	
				<i>For >200, Deduct</i>	-3.32	
10 26 13 00-0075				135 Degree Angle, Surface Mounted, Stainless Steel Corner Guards <small>(10 26 13 00-0069)</small>		
10 26 13 00-0076	LF			3-1/2" Wing, 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-600).....	19.82	3.49
				<i>For >50 To 100, Deduct</i>	-1.46	
				<i>For >100 To 200, Deduct</i>	-2.04	
				<i>For >200, Deduct</i>	-3.32	
10 26 13 00-0077	LF			Bullnose 3-1/2" Wing, 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-650).....	19.82	3.49
				<i>For >50 To 100, Deduct</i>	-1.46	
				<i>For >100 To 200, Deduct</i>	-2.04	
				<i>For >200, Deduct</i>	-3.32	

10 Specialties**10 20 Interior Specialties****10 26 Wall and Door Protection**
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10 26 13 00-0078	Stainless Steel Angle Iron, Corner Guards <small>(10 26 13 00-0067)</small>		
10 26 13 00-0079	Surface Mounted, Stainless Steel Angle Iron, Corner Guards <small>(10 26 13 00-0078)</small>		
10 26 13 00-0080	90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guards <small>(10 26 13 00-0079)</small>		
10 26 13 00-0081	LF 1" x 1" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard.....	24.35	4.19
	<i>For >50 To 100, Deduct</i>	-1.75	
	<i>For >100 To 200, Deduct</i>	-2.44	
	<i>For >200, Deduct</i>	-4.01	
10 26 13 00-0082	LF 2" x 2" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard.....	40.49	4.54
	<i>For >50 To 100, Deduct</i>	-1.89	
	<i>For >100 To 200, Deduct</i>	-2.65	
	<i>For >200, Deduct</i>	-5.05	
10 26 13 00-0083	LF 2" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard.....	56.62	4.71
	<i>For >50 To 100, Deduct</i>	-1.96	
	<i>For >100 To 200, Deduct</i>	-2.75	
	<i>For >200, Deduct</i>	-5.97	
10 26 13 00-0084	LF 3" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard.....	52.86	4.88
	<i>For >50 To 100, Deduct</i>	-2.04	
	<i>For >100 To 200, Deduct</i>	-2.85	
	<i>For >200, Deduct</i>	-5.90	
10 26 13 00-0085	LF 3" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard.....	75.56	5.06
	<i>For >50 To 100, Deduct</i>	-2.11	
	<i>For >100 To 200, Deduct</i>	-2.95	
	<i>For >200, Deduct</i>	-7.15	
10 26 13 00-0086	LF 4" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard.....	69.80	5.23
	<i>For >50 To 100, Deduct</i>	-2.18	
	<i>For >100 To 200, Deduct</i>	-3.05	
	<i>For >200, Deduct</i>	-6.98	
10 26 13 00-0087	Rubber Corner Guards <small>(10 26 13)</small>		
	Note: Includes adhesive for installation.		
10 26 13 00-0088	Natural Rubber Corner Guards <small>(10 26 13 00-0087)</small>		
10 26 13 00-0089	Surface Mounted, Natural Rubber Corner Guards <small>(10 26 13 00-0088)</small>		
10 26 13 00-0090	90 Degree Angle, Surface Mounted, Natural Rubber Corner Guards <small>(10 26 13 00-0089)</small>		
10 26 13 00-0091	LF 4-3/4" Wing, 90 Degree Angle, Surface Mounted, Natural Rubber Corner Guard (Pawling CG-5).....	58.41	3.49
	<i>For >50 To 100, Deduct</i>	-1.46	
	<i>For >100 To 200, Deduct</i>	-2.04	
	<i>For >200, Deduct</i>	-5.25	
	<i>For Bolting To Concrete Or Masonry, Add</i>	9.63	
10 26 13 00-0092	Styrene-Butadiene Rubber (SBR) Corner Guards <small>(10 26 13 00-0087)</small>		
10 26 13 00-0093	Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guards <small>(10 26 13 00-0092)</small>		
10 26 13 00-0094	90 Degree Angle, Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guards <small>(10 26 13 00-0093)</small>		
10 26 13 00-0095	LF 4-5/8" Wing, 90 Degree Angle, Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guard (Pawling CG-2).....	26.02	3.49
	<i>For >50 To 100, Deduct</i>	-1.46	
	<i>For >100 To 200, Deduct</i>	-2.04	
	<i>For >200, Deduct</i>	-3.63	
	<i>For Bolting To Concrete Or Masonry, Add</i>	4.78	
10 26 13 00-0096	Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards <small>(10 26 13 00-0087)</small>		
10 26 13 00-0097	Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards <small>(10 26 13 00-0096)</small>		
10 26 13 00-0098	90 Degree Angle, Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards <small>(10 26 13 00-0097)</small>		
10 26 13 00-0099	LF 4-5/8" Wing, 90 Degree Angle, Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guard (Pawling CG-2E).....	22.78	3.49
	<i>For >50 To 100, Deduct</i>	-1.46	
	<i>For >100 To 200, Deduct</i>	-2.04	
	<i>For >200, Deduct</i>	-3.47	
	<i>For Bolting To Concrete Or Masonry, Add</i>	4.29	
10 26 16	Bumper Guards <small>(10 26)</small>		
10 26 16 13	Bumper Rails <small>(10 26 16)</small>		
10 26 16 13-0001	Crash Rails <small>(10 26 16 13)</small>		
	Note: Includes end caps.		
10 26 16 13-0002	Polycarbonate Crash Rails <small>(10 26 16 13-0001)</small>		
10 26 16 13-0003	LF 3" High, 5/16" Deep, Polycarbonate Crash Rail (Pawling CR-3).....	13.60	4.65
	<i>For >50 To 100, Deduct</i>	-2.33	
	<i>For >100 To 200, Deduct</i>	-3.26	
	<i>For >200, Deduct</i>	-4.40	

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	10 26 16 13-0004	LF		4" High, 5/16" Deep, Polycarbonate Crash Rail (Pawling CR-4).....	15.12	4.65
				<i>For >50 To 100, Deduct</i>	-2.33	
				<i>For >100 To 200, Deduct</i>	-3.26	
				<i>For >200, Deduct</i>	-4.48	
	10 26 16 13-0005			Aluminum Crash Rails <small>(10 26 16 13-0001)</small>		
	10 26 16 13-0006	LF		4" High, 3-1/4" Deep, Aluminum Crash Rail (Pawling CRA-100).....	41.58	4.65
				<i>For >50 To 100, Deduct</i>	-2.33	
				<i>For >100 To 200, Deduct</i>	-3.26	
				<i>For >200, Deduct</i>	-5.80	
	10 26 16 13-0007			Stainless Steel Crash Rails <small>(10 26 16 13-0001)</small>		
	10 26 16 13-0008	LF		4" High, 3-1/4" Deep, Stainless Steel Crash Rail (Pawling CRS-100).....	73.86	4.65
				<i>For >50 To 100, Deduct</i>	-2.33	
				<i>For >100 To 200, Deduct</i>	-3.26	
				<i>For >200, Deduct</i>	-7.42	
	10 26 16 13-0009	LF		5-1/2" High, 1-1/2" Deep, Stainless Steel Crash Rail (Pawling CRS-200).....	57.72	4.65
				<i>For >50 To 100, Deduct</i>	-2.33	
				<i>For >100 To 200, Deduct</i>	-3.26	
				<i>For >200, Deduct</i>	-6.61	
	10 26 16 13-0010			Wall Guards <small>(10 26 16 13)</small>		
	10 26 16 13-0011			Rigid Vinyl Wall Guards With Aluminum Retainers <small>(10 26 16 13-0010)</small>		
				Note: Includes end caps.		
	10 26 16 13-0012	LF		1-1/2" High, 1-1/2" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-1).....	14.20	4.08
				<i>For >50 To 100, Deduct</i>	-2.04	
				<i>For >100 To 200, Deduct</i>	-2.85	
				<i>For >200, Deduct</i>	-3.97	
	10 26 16 13-0013	LF		3" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-3).....	17.35	4.65
				<i>For >50 To 100, Deduct</i>	-2.33	
				<i>For >100 To 200, Deduct</i>	-3.26	
				<i>For >200, Deduct</i>	-4.59	
	10 26 16 13-0014	LF		4" High, 3/4" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-4).....	18.86	4.65
				<i>For >50 To 100, Deduct</i>	-2.33	
				<i>For >100 To 200, Deduct</i>	-3.26	
				<i>For >200, Deduct</i>	-4.67	
	10 26 16 13-0015	LF		5" High, 1-1/16" Deep, Curved, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-5).....	19.67	4.65
				<i>For >50 To 100, Deduct</i>	-2.33	
				<i>For >100 To 200, Deduct</i>	-3.26	
				<i>For >200, Deduct</i>	-4.71	
	10 26 16 13-0016	LF		6" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-6).....	23.61	4.94
				<i>For >50 To 100, Deduct</i>	-2.47	
				<i>For >100 To 200, Deduct</i>	-3.46	
				<i>For >200, Deduct</i>	-5.14	
	10 26 16 13-0017	LF		8" High, 1-1/16" Deep, Curved, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-7).....	23.74	4.94
				<i>For >50 To 100, Deduct</i>	-2.47	
				<i>For >100 To 200, Deduct</i>	-3.46	
				<i>For >200, Deduct</i>	-5.14	
	10 26 16 13-0018	LF		7-3/4" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-8).....	24.47	4.94
				<i>For >50 To 100, Deduct</i>	-2.47	
				<i>For >100 To 200, Deduct</i>	-3.46	
				<i>For >200, Deduct</i>	-5.18	
	10 26 16 13-0019	LF		12" High, 2" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-12).....	29.57	5.23
				<i>For >50 To 100, Deduct</i>	-2.62	
				<i>For >100 To 200, Deduct</i>	-3.66	
				<i>For >200, Deduct</i>	-5.66	
	10 26 16 13-0020			Rubber Wall Guards <small>(10 26 16 13-0010)</small>		
	10 26 16 13-0021			D-Shaped, Rubber Wall Guards <small>(10 26 16 13-0020)</small>		
	10 26 16 13-0022	LF		2" High, 1-3/4" Deep, D-Shaped, Rubber Wall Guard (Pawling D-2).....	19.36	4.08
				<i>For >50 To 100, Deduct</i>	-2.04	
				<i>For >100 To 200, Deduct</i>	-2.85	
				<i>For >200, Deduct</i>	-4.22	
	10 26 16 13-0023	LF		3" High, 3" Deep, D-Shaped, Rubber Wall Guard (Pawling D-3).....	28.67	4.65
				<i>For >50 To 100, Deduct</i>	-2.33	
				<i>For >100 To 200, Deduct</i>	-3.26	
				<i>For >200, Deduct</i>	-5.16	
	10 26 16 13-0024	LF		4" High, 4-1/4" Deep, D-Shaped, Rubber Wall Guard (Pawling D-4).....	42.63	4.65
				<i>For >50 To 100, Deduct</i>	-2.33	
				<i>For >100 To 200, Deduct</i>	-3.26	
				<i>For >200, Deduct</i>	-5.86	
	10 26 16 13-0025	LF		6" High, 6" Deep, D-Shaped, Rubber Wall Guard (Pawling D-6).....	60.22	4.65
				<i>For >50 To 100, Deduct</i>	-2.33	
				<i>For >100 To 200, Deduct</i>	-3.26	
				<i>For >200, Deduct</i>	-6.74	
	10 26 16 13-0026			Rectangular, Rubber Wall Guards <small>(10 26 16 13-0020)</small>		
	10 26 16 13-0027	LF		8" High, 1-1/2" Deep, Rectangular, Rubber Wall Guard (Pawling E-1).....	45.63	4.94
				<i>For >50 To 100, Deduct</i>	-2.47	
				<i>For >100 To 200, Deduct</i>	-3.46	
				<i>For >200, Deduct</i>	-6.24	

10 Specialties**10 20 Interior Specialties****10 26 Wall and Door Protection**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 16 13-0028	LF		9" High, 2" Deep, Rectangular, Rubber Wall Guard (Pawling M-2).....	57.74	5.23
			<i>For >50 To 100, Deduct</i>	-2.62	
			<i>For >100 To 200, Deduct</i>	-3.66	
			<i>For >200, Deduct</i>	-7.07	
10 26 16 13-0029			Wing Type, Rubber Wall Guards <small>(10 26 16 13-0020)</small>		
10 26 16 13-0030	LF		6" High, 2" Deep, Wing Type, Rubber Wall Guard (Pawling WT-20).....	75.47	4.65
			<i>For >50 To 100, Deduct</i>	-2.33	
			<i>For >100 To 200, Deduct</i>	-3.26	
			<i>For >200, Deduct</i>	-7.50	
10 26 16 13-0031	LF		6" High, 3" Deep, Wing Type, Rubber Wall Guard (Pawling WT-30).....	80.31	4.65
			<i>For >50 To 100, Deduct</i>	-2.33	
			<i>For >100 To 200, Deduct</i>	-3.26	
			<i>For >200, Deduct</i>	-7.74	
10 26 16 13-0032	LF		3-7/8" High, 2-1/2" Deep, Wing Type, Rubber Wall Guard (Pawling WT-25).....	36.35	4.08
			<i>For >50 To 100, Deduct</i>	-2.04	
			<i>For >100 To 200, Deduct</i>	-2.85	
			<i>For >200, Deduct</i>	-5.07	
10 26 16 13-0033			U-Shaped, Rubber Wall Guards <small>(10 26 16 13-0020)</small>		
10 26 16 13-0034	LF		3-1/8" High, 3-7/8" Deep, U-Shaped, Rubber Wall Guard (Pawling U-4).....	63.55	4.94
			<i>For >50 To 100, Deduct</i>	-2.47	
			<i>For >100 To 200, Deduct</i>	-3.46	
			<i>For >200, Deduct</i>	-7.13	
10 26 16 13-0035	LF		4-1/2" High, 3-1/2" Deep, U-Shaped, Rubber Wall Guard (Pawling U-3).....	71.21	4.94
			<i>For >50 To 100, Deduct</i>	-2.47	
			<i>For >100 To 200, Deduct</i>	-3.46	
			<i>For >200, Deduct</i>	-7.52	
10 26 16 13-0036			Accent Rails <small>(10 26 16 13)</small>		
			Note: Includes end caps.		
10 26 16 13-0037			Oval, Rigid Vinyl Accent Rails With Aluminum Retainers <small>(10 26 16 13-0036)</small>		
10 26 16 13-0038	LF		1-1/8" High, 1-1/16" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling EB-25).....	16.83	4.08
			<i>For >50 To 100, Deduct</i>	-2.04	
			<i>For >100 To 200, Deduct</i>	-2.85	
			<i>For >200, Deduct</i>	-4.10	
10 26 16 13-0039	LF		2" High, 1-1/8" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling EBR-30).....	16.86	4.08
			<i>For >50 To 100, Deduct</i>	-2.04	
			<i>For >100 To 200, Deduct</i>	-2.85	
			<i>For >200, Deduct</i>	-4.10	
10 26 16 13-0040	LF		2" High, 1-3/4" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling WG-22).....	24.30	4.08
			<i>For >50 To 100, Deduct</i>	-2.04	
			<i>For >100 To 200, Deduct</i>	-2.85	
			<i>For >200, Deduct</i>	-4.47	
10 26 16 16			Protective Corridor Handrails <small>(10 26 16)</small>		
10 26 16 16-0001			Protective Corridor Handrails <small>(10 26 16 16)</small>		
10 26 16 16-0002			Vinyl/Acrylic Protective Corridor Handrails With Aluminum Retainers <small>(10 26 16 16-0001)</small>		
10 26 16 16-0003	LF		1-1/2" Diameter, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HR-6CN).....	30.52	8.72
			<i>For >50 To 100, Deduct</i>	-4.36	
			<i>For >100 To 200, Deduct</i>	-6.11	
			<i>For >200, Deduct</i>	-8.51	
10 26 16 16-0004	EA		End Cap For 1-1/2" Diameter, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn).....	26.79	8.72
			<i>For >50 To 100, Deduct</i>	-4.36	
			<i>For >100 To 200, Deduct</i>	-6.11	
			<i>For >200, Deduct</i>	-8.32	
			<i>For >25 To 50, Deduct</i>	-4.36	
			<i>For >50 To 100, Deduct</i>	-6.11	
			<i>For >100, Deduct</i>	-8.32	
10 26 16 16-0005	LF		5-1/2" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HRB-4C).....	41.73	8.72
			<i>For >50 To 100, Deduct</i>	-4.36	
			<i>For >100 To 200, Deduct</i>	-6.11	
			<i>For >200, Deduct</i>	-9.07	
10 26 16 16-0006	EA		End Cap For 5-1/2" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn).....	34.26	8.72
			<i>For >50 To 100, Deduct</i>	-4.36	
			<i>For >100 To 200, Deduct</i>	-6.11	
			<i>For >200, Deduct</i>	-8.69	
			<i>For >25 To 50, Deduct</i>	-4.36	
			<i>For >50 To 100, Deduct</i>	-6.11	
			<i>For >100, Deduct</i>	-8.69	
10 26 16 16-0007	LF		6-1/4" High, Vinyl/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn HRB-10CN).....	43.60	8.72
			<i>For >50 To 100, Deduct</i>	-4.36	
			<i>For >100 To 200, Deduct</i>	-6.11	
			<i>For >200, Deduct</i>	-9.16	
10 26 16 16-0008	EA		End Cap For 6-1/4" High, Vinyl/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn).....	47.33	8.72
			<i>For >50 To 100, Deduct</i>	-4.36	
			<i>For >100 To 200, Deduct</i>	-6.11	
			<i>For >200, Deduct</i>	-9.35	
			<i>For >25 To 50, Deduct</i>	-4.36	
			<i>For >50 To 100, Deduct</i>	-6.11	
			<i>For >100, Deduct</i>	-9.35	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 16 16-0009	LF		6" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HR-8CN) <i>For >50 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i>	56.67 -4.36 -6.11 -9.81	8.72
10 26 16 16-0010	EA		End Cap For 6" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn)..... <i>For >50 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i> <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	62.28 -4.36 -6.11 -10.09 -4.36 -6.11 -10.09	8.72
10 26 16 16-0011			Stainless Steel Protective Corridor Handrails <small>(10 26 16 16-0001)</small>		
10 26 16 16-0012	LF		5-7/8" High, Stainless Steel Protective Corridor Handrail (Acrovyn P-RS) <i>For >50 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i>	75.35 -4.36 -6.11 -10.75	8.72
10 26 16 16-0013	EA		End Cap For 5-7/8" High, Stainless Steel Protective Corridor Handrail (Acrovyn)..... <i>For >50 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i> <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	77.22 -4.36 -6.11 -10.84 -4.36 -6.11 -10.84	8.72
10 26 16 16-0014			Hardwood Protective Corridor Handrails <small>(10 26 16 16-0001)</small> Note: Includes end caps.		
10 26 16 16-0015	LF		4" High, Vinyl Protective Corridor Handrail With 1-1/2" Diameter Wood (Pawling BR-400C) <i>For >50 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i> <i>For Maple, Add</i>	35.85 -3.68 -5.16 -7.68 0.63	7.36
10 26 16 16-0016	LF		5-1/2" Diameter, Hardwood Protective Corridor Handrail With Vinyl Inserts (Pawling BR-5500)..... <i>For >50 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i>	42.85 -3.93 -5.50 -8.43	7.85
10 26 16 16-0017	LF		1-1/2" Diameter, Hardwood Protective Corridor Handrail (Pawling BR-1500) <i>For >50 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i> <i>For Maple, Add</i> <i>For Oak, Add</i>	31.34 -3.68 -5.16 -7.46 7.14 7.97	7.36
10 26 16 16-0018			Wood/Acrylic Protective Corridor Handrails With Aluminum Retainers <small>(10 26 16 16-0001)</small>		
10 26 16 16-0019	LF		6-1/4" High, Wood/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn HRBW-10CN)..... <i>For >50 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i>	63.21 -4.36 -6.11 -10.14	8.72
10 26 23			Protective Wall Covering <small>(10 26)</small>		
10 26 23 13			Impact Resistant Wall Protection <small>(10 26 23)</small>		
10 26 23 13-0001			Impact Resistant Wall Protection <small>(10 26 23 13)</small> Note: Includes standard trim.		
10 26 23 13-0002	SF		0.030" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-30).....	9.03	2.91
10 26 23 13-0003	SF		0.040" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-40).....	9.42	2.91
10 26 23 13-0004	SF		0.060" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-60).....	11.69	2.91
10 26 23 13-0005			Interior Polyvinyl Chloride (PVC) Soffit System <small>(10 26 23 13)</small> Note: DecoShield Systems, Inc. Concealment system for fire sprinkler piping, plumbing lines, HVAC, cable and conduit.		
10 26 23 13-0006			"L" Design <small>(10 26 23 13-0005)</small>		
10 26 23 13-0007			L-Shield <small>(10 26 23 13-0006)</small>		
10 26 23 13-0008	LF		2.38" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1" Shield Size For 3/4" And 1" Pipe.....	16.39	2.91
10 26 23 13-0009	LF		3" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1-1/4" Shield Size For 1-1/4" And 1-1/2" Pipe.....	18.97	4.08
10 26 23 13-0010	LF		3.75" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2" Shield Size For 2" Pipe.....	24.90	5.23
10 26 23 13-0011	LF		5.75" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2-1/2" Shield Size For 2-1/2" Pipe.....	34.19	6.40
10 26 23 13-0012			"Combo" Hanger <small>(10 26 23 13-0006)</small>		
10 26 23 13-0013	EA		Combination "Combo" Hanger, L-Support, For 3/4" Pipe.....	18.08	5.82
10 26 23 13-0014	EA		Combination "Combo" Hanger, L-Support, For 1" Pipe.....	20.92	6.99
10 26 23 13-0015	EA		Combination "Combo" Hanger, L-Support, For 1-1/4" Pipe.....	24.15	8.14
10 26 23 13-0016	EA		Combination "Combo" Hanger, L-Support, For 1-1/2" Pipe.....	26.86	9.31
10 26 23 13-0017	EA		Combination "Combo" Hanger, L-Support, For 2" Pipe.....	30.10	10.47
10 26 23 13-0018			Snap-2 Pipe Hanger <small>(10 26 23 13-0006)</small>		
10 26 23 13-0019	EA		Snap-2 Pipe Hanger, L-Support, For 3/4" Pipe.....	14.99	5.82
10 26 23 13-0020	EA		Snap-2 Pipe Hanger, L-Support, For 1" Pipe.....	18.21	6.99

10 Specialties**10 20 Interior Specialties****10 26 Wall and Door Protection**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

10 26 23 13-0021	EA	Snap-2 Pipe Hanger, L-Support, For 1-1/4" Pipe.....	21.19	8.14
10 26 23 13-0022	EA	Snap-2 Pipe Hanger, L-Support, For 1-1/2" Pipe.....	24.67	9.31
10 26 23 13-0023	EA	Snap-2 Pipe Hanger, L-Support, For 2" Pipe.....	28.30	10.47
10 26 23 13-0024		Coupling (10 26 23 13-0006)		
10 26 23 13-0025	EA	Coupling, L-Shield, 1" Shield Size.....	9.82	2.91
10 26 23 13-0026	EA	Coupling, L-Shield, 1-1/4" Shield Size.....	14.20	4.08
10 26 23 13-0027	EA	Coupling, L-Shield, 2" Shield Size.....	20.39	5.23
10 26 23 13-0028	EA	Coupling, L-Shield, 2-1/2" Shield Size.....	25.56	6.40
10 26 23 13-0029		Coupling, Reducer (10 26 23 13-0006)		
10 26 23 13-0030	EA	Coupling, Reducing, L-Shield, 1-1/4" x 1" Shield Size.....	27.61	3.49
10 26 23 13-0031	EA	Coupling, Reducing, L-Shield, 2" x 1" Shield Size.....	33.92	4.08
10 26 23 13-0032	EA	Coupling, Reducing, L-Shield, 2" x 1-1/4" Shield Size.....	40.24	4.65
10 26 23 13-0033	EA	Coupling, Reducing, L-Shield, 2-1/2" x 2" Shield Size.....	157.02	5.82
10 26 23 13-0034		Shield Clips (10 26 23 13-0006)		
10 26 23 13-0035	EA	Shield Clips, L-Support, 1" Shield Size.....	5.94	1.74
10 26 23 13-0036	EA	Shield Clips, L-Support, 1-1/4" Shield Size.....	8.91	2.91
10 26 23 13-0037	EA	Shield Clips, L-Support, 2" Shield Size.....	11.75	4.08
10 26 23 13-0038	EA	Shield Clips, L-Support, 2-1/2" Shield Size.....	13.31	5.23
10 26 23 13-0039		Wall Flange (10 26 23 13-0006)		
10 26 23 13-0040	EA	Wall Flange, L-Shield, 1" Shield Size.....	9.56	2.91
10 26 23 13-0041	EA	Wall Flange, L-Shield, 1-1/4" Shield Size.....	13.68	4.08
10 26 23 13-0042	EA	Wall Flange, L-Shield, 2" Shield Size.....	19.88	5.23
10 26 23 13-0043	EA	Wall Flange, L-Shield, 2-1/2" Shield Size.....	81.96	6.40
10 26 23 13-0044		End Cap (10 26 23 13-0006)		
10 26 23 13-0045	EA	End Cap, L-Shield, 1" Shield Size.....	9.81	1.74
10 26 23 13-0046	EA	End Cap, L-Shield, 1-1/4" Shield Size.....	13.04	2.91
10 26 23 13-0047	EA	End Cap, L-Shield, 2" Shield Size.....	18.06	4.08
10 26 23 13-0048	EA	End Cap, L-Shield, 2-1/2" Shield Size.....	83.42	5.23
10 26 23 13-0049		Inside/Outside Corner (10 26 23 13-0006)		
10 26 23 13-0050	EA	Inside/Outside Corner, L-Shield, 1" Shield Size.....	61.00	5.82
10 26 23 13-0051	EA	Inside/Outside Corner, L-Shield, 1-1/4" Shield Size.....	65.77	6.99
10 26 23 13-0052	EA	Inside/Outside Corner, L-Shield, 2" Shield Size.....	79.45	8.73
10 26 23 13-0053	EA	Inside/Outside Corner, L-Shield, 2-1/2" Shield Size.....	138.88	10.47
10 26 23 13-0054		Joiner (10 26 23 13-0006)		
10 26 23 13-0055	LF	Joiner, L-Shield.....	12.64	1.74
10 26 23 13-0056		"U" Design (10 26 23 13-0005)		
10 26 23 13-0057		U-Shield (10 26 23 13-0056)		
10 26 23 13-0058	LF	2.25" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1" Shield Size For 3/4" And 1" Pipe.....	19.74	2.91
10 26 23 13-0059	LF	2.875" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1-1/4" Shield Size For 1-1/4" Pipe.....	24.64	4.08
10 26 23 13-0060	LF	3.68" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2" Shield Size For 1-1/2" And 2" Pipe.....	31.48	4.08
10 26 23 13-0061		"Combo" Hanger (10 26 23 13-0056)		
10 26 23 13-0062	EA	Combination "Combo" Hanger, U-Support For 3/4" Pipe.....	15.64	5.82
10 26 23 13-0063	EA	Combination "Combo" Hanger, U-Support For 1" Pipe.....	18.60	6.99
10 26 23 13-0064	EA	Combination "Combo" Hanger, U-Support For 1-1/4" Pipe.....	21.45	8.14
10 26 23 13-0065	EA	Combination "Combo" Hanger, U-Support For 1-1/2" Pipe.....	26.47	9.31
10 26 23 13-0066	EA	Combination "Combo" Hanger, U-Support For 2" Pipe.....	29.97	10.47
10 26 23 13-0067		Snap-2 Pipe Hanger (10 26 23 13-0056)		
10 26 23 13-0068	EA	Snap-2 Pipe Hanger, U-Support, For 3/4" Pipe.....	14.73	5.82
10 26 23 13-0069	EA	Snap-2 Pipe Hanger, U-Support, For 1" Pipe.....	17.96	6.99
10 26 23 13-0070	EA	Snap-2 Pipe Hanger, U-Support, For 1-1/4" Pipe.....	21.83	8.14
10 26 23 13-0071	EA	Snap-2 Pipe Hanger, U-Support, For 1-1/2" Pipe.....	24.41	9.31
10 26 23 13-0072	EA	Snap-2 Pipe Hanger, U-Support, For 2" Pipe.....	28.17	10.47
10 26 23 13-0073		Coupling (10 26 23 13-0056)		
10 26 23 13-0074	EA	Coupling, U-Shield, 1" Shield Size.....	11.62	2.91
10 26 23 13-0075	EA	Coupling, U-Shield, 1-1/4" Shield Size.....	14.58	4.08
10 26 23 13-0076	EA	Coupling, U-Shield, 2" Shield Size.....	17.82	5.23
10 26 23 13-0077		Coupling, Reducer (10 26 23 13-0056)		
10 26 23 13-0078	EA	Reducing Coupling, U-Shield, 1-1/4" x 1" Shield Size.....	32.77	3.49

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 26 23 13-0079	EA	Reducing Coupling, U-Shield, 2" x 1" Shield Size.....	39.07	4.08
10 26 23 13-0080	EA	Reducing Coupling, U-Shield, 2" x 1-1/4" Shield Size	41.53	4.65
10 26 23 13-0081		Shield Clips (10 26 23 13-0056)		
10 26 23 13-0082	EA	Shield Clips, U-Support, 1" Shield Size	5.42	1.74
10 26 23 13-0083	EA	Shield Clips, U-Support, 1-1/4" Shield Size	8.01	2.91
10 26 23 13-0084	EA	Shield Clips, U-Support, 2" Shield Size	10.59	4.08
10 26 23 13-0085		Wall Flange (10 26 23 13-0056)		
10 26 23 13-0086	EA	Wall Flange, U-Shield, 1" Shield Size	11.23	2.91
10 26 23 13-0087	EA	Wall Flange, U-Shield, 1-1/4" Shield Size	14.46	4.08
10 26 23 13-0088	EA	Wall Flange, U-Shield, 2" Shield Size	17.69	5.23
10 26 23 13-0089		End Cap (10 26 23 13-0056)		
10 26 23 13-0090	EA	End Cap, U-Shield, 1" Shield Size.....	10.45	1.74
10 26 23 13-0091	EA	End Cap, U-Shield, 1-1/4" Shield Size.....	14.07	2.91
10 26 23 13-0092	EA	End Cap, U-Shield, 2" Shield Size.....	17.55	4.08
10 26 23 13-0093		Inside/Outside Corner (10 26 23 13-0056)		
10 26 23 13-0094	EA	Inside/Outside Corner, U-Shield, 1" Shield Size	76.60	5.82
10 26 23 13-0095	EA	Inside/Outside Corner, U-Shield, 1-1/4" Shield Size	85.23	6.99
10 26 23 13-0096	EA	Inside/Outside Corner, U-Shield, 2" Shield Size	100.85	8.73
10 26 23 13-0097		Elbow (10 26 23 13-0056)		
10 26 23 13-0098	EA	Elbow, U-Shield, 1" Shield Size	75.18	5.82
10 26 23 13-0099	EA	Elbow, U-Shield, 1-1/4" Shield Size.....	82.65	6.99
10 26 23 13-0100	EA	Elbow, U-Shield, 2" Shield Size	98.40	8.73
10 26 23 13-0101		Tee (10 26 23 13-0056)		
10 26 23 13-0102	EA	Tee, U-Shield, 1" x 1" x 1" Shield Size.....	95.17	8.73
10 26 23 13-0103	EA	Tee, U-Shield, 1-1/4" x 1-1/4" x 1-1/4" Shield Size	105.88	10.47
10 26 23 13-0104	EA	Tee, U-Shield, 2" x 2" x 2" Shield Size.....	123.68	12.80
10 26 23 13-0105	EA	Tee, U-Shield, 1-1/4" x 1-1/4" x 1" Shield Size	125.46	9.90
10 26 23 13-0106	EA	Tee, U-Shield, 2" x 2" x 1-1/4" Shield Size	135.40	12.22
10 26 23 13-0107		Cross (10 26 23 13-0056)		
10 26 23 13-0108	EA	Cross, U-Shield, 1" Shield Size	172.13	11.64
10 26 23 13-0109	EA	Cross, U-Shield, 1-1/4" Shield Size	192.89	13.96
10 26 23 13-0110	EA	Cross, U-Shield, 2" Shield Size	234.42	17.46
10 26 23 13-0111	EA	Cross, U-Shield, 1-1/4" x 1" Shield Size	235.93	12.80
10 26 23 13-0112	EA	Cross, U-Shield, 2" x 1-1/4" Shield Size	259.54	15.70
10 26 23 13-0113		Transition Fittings (L to U Or U to L) (10 26 23 13-0005)		
10 26 23 13-0114		Coupling Transition (10 26 23 13-0113)		
10 26 23 13-0115	EA	Transition Coupling, 1" x 1", LxU or UxL.....	29.28	2.91
10 26 23 13-0116	EA	Transition Coupling, 1-1/4" x 1-1/4", LxU or UxL	33.14	4.08
10 26 23 13-0117	EA	Transition Coupling, 2" x 2", LxU or UxL.....	41.27	5.23
10 26 23 13-0118	EA	Transition Coupling, 1" x 1-1/4", LxU or UxL.....	33.15	3.49
10 26 23 13-0119	EA	Transition Coupling, 1-1/4" x 2", LxU or UxL.....	41.27	4.65
10 26 23 13-0120	EA	Transition Coupling, 2" x 2-1/2", LxU or UxL.....	164.36	5.82
10 26 23 13-0121		Elbow Transition (10 26 23 13-0113)		
10 26 23 13-0122	EA	Transition Elbow, 1" x 1" (UxL).....	101.08	5.82
10 26 23 13-0123	EA	Transition Elbow, 1-1/4" x 1-1/4" (UxL).....	109.59	6.99
10 26 23 13-0124	EA	Transition Elbow, 2" x 2" (UxL).....	128.55	8.73
10 26 23 13-0125	EA	Transition Elbow, 1" x 1-1/4" (UxL).....	157.15	6.40
10 26 23 13-0126	EA	Transition Elbow, 1-1/4" x 1" (UxL).....	111.26	6.40
10 26 23 13-0127	EA	Transition Elbow, 1-1/4" x 2" (UxL).....	166.05	8.14
10 26 23 13-0128	EA	Transition Elbow, 2" x 1-1/4" (UxL).....	128.80	8.14
10 26 23 13-0129	EA	Transition Elbow, 2" x 2-1/2" (UxL).....	199.56	9.31
10 26 23 13-0130		Tee Transition (10 26 23 13-0113)		
10 26 23 13-0131	EA	Transition Tee, 1" x 1" x 1" (LxLxU).....	115.92	8.73
10 26 23 13-0132	EA	Transition Tee, 1-1/4" x 1-1/4" x 1-1/4" (LxLxU)	134.11	10.47
10 26 23 13-0133	EA	Transition Tee, 2" x 2" x 2" (LxLxU).....	156.03	12.80
10 26 23 13-0134	EA	Transition Tee, 1-1/4" x 1-1/4" x 1" (LxLxU).....	122.50	9.90
10 26 23 13-0135	EA	Transition Tee, 1-1/4" x 1-1/4" x 2" (LxLxU).....	192.23	11.05
10 26 23 13-0136	EA	Transition Tee, 2" x 2" x 1-1/4" (LxLxU).....	136.56	12.22
10 26 23 13-0137	EA	Transition Tee, 2-1/2" x 2-1/2" x 2" (LxLxU).....	186.32	14.55
10 26 23 13-0138		Fittings (L Or U) (10 26 23 13-0005)		

10 Specialties**10 20 Interior Specialties****10 26 Wall and Door Protection**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

10 26 23 13-0139		Hugger Hangers For Steel Pipe <small>(10 26 23 13-0138)</small>			
10 26 23 13-0140	EA	Hugger Hanger, For 1/2" Steel Pipe	12.02	4.65	
10 26 23 13-0141	EA	Hugger Hanger, For 3/4" Steel Pipe	14.99	5.82	
10 26 23 13-0142	EA	Hugger Hanger, For 1" Steel Pipe	17.57	6.99	
10 26 23 13-0143	EA	Hugger Hanger, For 1-1/4" Steel Pipe	20.29	8.14	
10 26 23 13-0144	EA	Hugger Hanger, For 1-1/2" Steel Pipe	22.86	9.31	
10 26 23 13-0145	EA	Hugger Hanger, For 2" Steel Pipe	25.72	9.31	
10 26 23 13-0146	EA	Hugger Hanger, For 2-1/2" Steel Pipe	28.30	11.64	
10 26 23 13-0147	EA	Hugger Hanger, For 3" Steel Pipe	35.39	12.80	

10 26 23 13-0148		Hugger Hangers For Copper Pipe <small>(10 26 23 13-0138)</small>			
10 26 23 13-0149	EA	1/2" Copper Pipe, Hugger Hanger	12.15	4.65	
10 26 23 13-0150	EA	3/4" Copper Pipe, Hugger Hanger	15.12	5.82	
10 26 23 13-0151	EA	1" Copper Pipe, Hugger Hanger	17.70	6.99	
10 26 23 13-0152	EA	1-1/4" Copper Pipe, Hugger Hanger	20.41	8.14	
10 26 23 13-0153	EA	1-1/2" Copper Pipe, Hugger Hanger	22.99	9.31	
10 26 23 13-0154	EA	2" Copper Pipe, Hugger Hanger	25.98	10.47	
10 26 23 13-0155	EA	2-1/2" Copper Pipe, Hugger Hanger	28.55	11.64	
10 26 23 13-0156	EA	3" Copper Pipe, Hugger Hanger	35.78	12.80	

10 26 23 13-0157		Shield Extension (L Or U) <small>(10 26 23 13-0138)</small>			
10 26 23 13-0158	LF	Shield Extension	15.35	1.74	

10 26 23 13-0159		Interior Steel Soffit System <small>(10 26 23 13)</small>			
Note: Concealment system for fire sprinkler piping, plumbing lines, HVAC, cable and conduit. Includes factory painted finish and field touch-up.					
10 26 23 13-0160	SF	24 Gauge Steel, U-Shield (JG Innovations Soffi-Steel)	29.20	5.23	
		For 22 Gauge Steel, Add	1.87		
		For 20 Gauge Steel, Add	4.01		
		For 18 Gauge Steel, Add	7.87		
		For 16 Gauge Steel, Add	12.08		
		For Stainless Steel, Add	4.68		
10 26 23 13-0161	EA	U-Shield Wall Flange (JG Innovations Soffi-Steel)	46.15	14.55	
		For Stainless Steel, Add	4.27		
10 26 23 13-0162	EA	U-Shield Corner (JG Innovations Soffi-Steel)	115.70	17.46	
		For Stainless Steel, Add	19.91		
10 26 23 13-0163	EA	U-Shield End Cap (JG Innovations Soffi-Steel)	35.66	8.73	
		For Stainless Steel, Add	4.55		
10 26 23 13-0164	EA	U-Shield Clip (JG Innovations Soffi-Steel)	7.72	3.49	
		For Stainless Steel, Add	0.18		
10 26 23 13-0165	SF	24 Gauge Steel, L-Shield (JG Innovations Soffi-Steel)	33.18	5.23	
		For 22 Gauge Steel, Add	1.70		
		For 20 Gauge Steel, Add	3.63		
		For 18 Gauge Steel, Add	7.04		
		For 16 Gauge Steel, Add	11.81		
		For Stainless Steel, Add	5.68		
10 26 23 13-0166	EA	L-Shield Wall Flange (JG Innovations Soffi-Steel)	46.15	14.55	
		For Stainless Steel, Add	4.27		
10 26 23 13-0167	EA	L-Shield Corner (JG Innovations Soffi-Steel)	115.70	17.46	
		For Stainless Steel, Add	19.91		
10 26 23 13-0168	EA	L-Shield End Cap (JG Innovations Soffi-Steel)	31.00	6.40	
		For Stainless Steel, Add	4.55		
10 26 23 13-0169	EA	L-Shield Clip (JG Innovations Soffi-Steel)	7.72	3.49	
		For Stainless Steel, Add	0.18		

10 26 41 Bullet Resistant Panels (10 26)

10 26 41 00-0001		Laminated Bullet Resistant Fiberglass Panel <small>(10 26 41)</small>			
Note: Material consisting of multiple layers of woven roving ballistic grade fiberglass cloth impregnated with a thermoset polyester resin and compressed into rigid flat sheets.					
10 26 41 00-0002	SF	1/8" Thick Ballistic Resistant Fiberglass Panel, 1.2 LB/SF	21.41	1.64	
10 26 41 00-0003	SF	3/16" Thick Ballistic Resistant Fiberglass Panel, 2 LB/SF	29.26	1.76	
10 26 41 00-0004	SF	1/4" Thick Ballistic Resistant Fiberglass Panel, 2.4 To 2.6 LB/SF	33.07	1.88	
10 26 41 00-0005	SF	5/16" Thick Ballistic Resistant Fiberglass Panel, 3 To 3.6 LB/SF	35.19	1.99	
10 26 41 00-0006	SF	3/8" Thick Ballistic Resistant Fiberglass Panel, 3.6 To 3.9 LB/SF	38.11	2.11	
10 26 41 00-0007	SF	7/16" Thick Ballistic Resistant Fiberglass Panel, 4 To 4.9 LB/SF	41.02	2.22	
10 26 41 00-0008	SF	9/16" Thick Ballistic Resistant Fiberglass Panel, 5.5 To 6.6 LB/SF	69.43	2.69	
10 26 41 00-0009	SF	1-1/8" Thick Ballistic Resistant Fiberglass Panel, 11 To 11.7 LB/SF	99.72	4.21	
10 26 41 00-0010	SF	1-3/16" Thick Ballistic Resistant Fiberglass Panel, 12 To 13.2 LB/SF	118.52	5.04	
10 26 41 00-0011	SF	1-5/16" Thick Ballistic Resistant Fiberglass Panel, 13.4 To 14 LB/SF	143.11	5.50	
10 26 41 00-0012	SF	1-7/16" Thick Ballistic Resistant Fiberglass Panel, 15.2 To 16 LB/SF	162.74	5.86	

10 28 Toilet, Bath, and Laundry Accessories (10 20)**10 28 13 Toilet Accessories (10 28)****10 28 13 13 Commercial Toilet Accessories (10 28 13)****10 28 13 13-0001 Toilet Accessories (10 28 13 13)****10 28 13 13-0002 Dispensers (10 28 13 13-0001)**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 28 13 13-0003			Paper Towel Dispensers (10 28 13 13-0002)		
10 28 13 13-0004			Stainless Steel Paper Towel Dispensers (10 28 13 13-0003)		
10 28 13 13-0005	EA		Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-262)	112.84	26.17
10 28 13 13-0006	EA		Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-2620)	120.47	26.17
10 28 13 13-0007	EA		Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-2621)	121.60	26.17
10 28 13 13-0008	EA		Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-26212)	123.79	26.17
10 28 13 13-0009	EA		Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-263)	184.08	26.17
10 28 13 13-0010	EA		Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-359)	198.83	26.17
10 28 13 13-0011	EA		Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Contura B-4262)	217.00	26.17
10 28 13 13-0012	EA		Countertop Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick TrimLine B-526)	223.48	11.63
10 28 13 13-0013	EA		Concealed Cabinet, Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-318)	375.52	26.17
10 28 13 13-0014	EA		Touch Free, Surface Mounted, Stainless Steel Roll Paper Towel Dispenser (Bobrick B-2860)	442.76	26.17
10 28 13 13-0015	EA		Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-4369)	477.02	26.17
10 28 13 13-0016	EA		Recessed Automated Touchless Towel Dispenser, Stainless (Georgia-Pacific enMotion® 59466)	273.32	26.17
10 28 13 13-0017	EA		Stainless Steel Mounting Bracket For Wall Mounting enMotion Recessed Automated Touchless Towel Dispenser (Georgia-Pacific enMotion® 59476)	150.48	14.54
10 28 13 13-0018			Plastic Paper Towel Dispensers (10 28 13 13-0003)		
10 28 13 13-0019	EA		Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Folded Paper Towel Dispenser (Bobrick Matrix B-5262)	86.83	26.17
10 28 13 13-0020	EA		Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Roll Paper Towel Dispenser (Bobrick Matrix B-52860)	174.47	26.17
10 28 13 13-0021	EA		Surface Mounted, Translucent Cover, Acrylonitrile Butadiene Styrene (ABS) Plastic Roll Paper Towel Dispenser (Bobrick B-72860)	173.29	26.17
10 28 13 13-0022	EA		Surface Mounted, Automated Touchless Towel Dispenser, Translucent Plastic (Georgia-Pacific enMotion® 59462)	148.09	26.17
10 28 13 13-0023			Aluminum Paper Towel Dispensers (10 28 13 13-0003)		
10 28 13 13-0024	EA		Surface Mounted, Heavy-Duty Aluminum Casting Roll Paper Towel Dispenser (Bobrick B-253)	94.47	26.17
10 28 13 13-0025			Toilet Tissue Dispensers (10 28 13 13-0002)		
10 28 13 13-0026			Plastic Toilet Tissue Dispensers (10 28 13 13-0025)		
10 28 13 13-0027	EA		Two Roll, Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Toilet Tissue Dispenser (Bobrick B-5288)	86.55	26.17
10 28 13 13-0028	EA		Two Jumbo Roll, Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Toilet Tissue Dispenser (Georgia Pacific 58250)	185.29	26.17
10 28 13 13-0029	EA		Vertical Double Roll, Surface Mounted, Translucent Plastic Steel Coreless Toilet Tissue Dispenser (Georgia-Pacific Compact® 56760)	75.47	26.17
10 28 13 13-0030	EA		Side By Side Double Roll, Surface Mounted, Translucent Plastic Toilet Tissue Dispenser (Georgia-Pacific Compact® 56784)	88.48	26.17
10 28 13 13-0031			Cast Aluminum Toilet Tissue Dispensers (10 28 13 13-0025)		
10 28 13 13-0032	EA		Single Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-2730)	78.64	26.17
10 28 13 13-0033	EA		Single Roll With Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-273)	79.20	26.17
10 28 13 13-0034	EA		Two Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-2740)	83.16	26.17
10 28 13 13-0035	EA		Two Roll With Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-274)	90.51	26.17
10 28 13 13-0036	EA		Two Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-27460)	117.64	26.17
10 28 13 13-0037			Stainless Steel Toilet Tissue Dispensers (10 28 13 13-0025)		
10 28 13 13-0038	EA		Single Roll, Surface Mounted, Vandal Resistant, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-264)	67.61	26.17
10 28 13 13-0039	EA		Double Roll, Surface Mounted, Toilet Tissue Dispenser With Utility Shelf (Bobrick B-540)	184.38	26.17
10 28 13 13-0040	EA		Single Roll, Surface Mounted, Stainless Steel, Toilet Tissue Dispenser (Bobrick B-543)	109.31	26.17
10 28 13 13-0041	EA		Single Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-663)	104.36	26.17
10 28 13 13-0042	EA		Single Roll, Surface Mounted, Stainless Steel, Bright Polished Finish, Toilet Tissue Dispenser (Bobrick B-685)	112.98	26.17
10 28 13 13-0043	EA		Double Roll, Surface Mounted, Stainless Steel, Bright Polished Finish, Toilet Tissue Dispenser (Bobrick B-686)	147.21	29.08
10 28 13 13-0044	EA		Single Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser (Bobrick B-6857)	112.98	26.17
10 28 13 13-0045	EA		Double Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser (Bobrick B-6867)	147.21	26.17
10 28 13 13-0046	EA		Single Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser With Hood (Bobrick B-66997)	158.21	26.17
10 28 13 13-0047	EA		Double Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser With Hoods (Bobrick B-6999)	244.53	26.17
10 28 13 13-0048	EA		Double Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser With Hoods (Bobrick B-69997)	244.53	26.17
10 28 13 13-0049	EA		Single Jumbo Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-2890)	104.54	26.17
10 28 13 13-0050	EA		Single Fold/Double Fold, Surface Mounted, Stainless Steel Toilet Tissue Cabinet (Bobrick B-272)	121.88	26.17
10 28 13 13-0051	EA		Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-265)	78.06	26.17
10 28 13 13-0052	EA		Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-2888)	130.65	26.17
10 28 13 13-0053	EA		Two Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-3888)	183.28	26.17
10 28 13 13-0054	EA		Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Contura B-4288)	190.87	26.17
10 28 13 13-0055	EA		Two Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Contura B-4388)	241.53	26.17
10 28 13 13-0056	EA		Two Jumbo Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-2892)	222.74	26.17
10 28 13 13-0057	EA		Four Roll, Partition Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-386)	324.31	26.17
			Note: Mounts centered through toilet partitions.		
10 28 13 13-0058	EA		Multi-Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser With Shelf (Bobrick B-2840)	149.88	26.17
10 28 13 13-0059	EA		Vertical Double Roll, Surface Mounted, Stainless Steel Coreless Toilet Tissue Dispenser (Georgia-Pacific Compact® 56782)	138.82	26.17

10 Specialties**10 20 Interior Specialties****10 28 Toilet, Bath, and Laundry Accessories**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

10 28 13 13-0060	EA	Side By Side Double Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Georgia-Pacific Compact® 56796).....	112.59	26.17
10 28 13 13-0061	EA	Dual Roll, Surface Mounted, Stainless Steel, Toilet Tissue Dispenser (ASI 9030).....	188.35	26.17
10 28 13 13-0062	EA	Dual Roll, Surface Mounted, Stainless Steel, Toilet Tissue Dispenser (ASI 0030).....	137.32	26.17
10 28 13 13-0063	EA	Twin, Hide-A-Roll, Surface Mounted, Stainless Steel, Toilet Tissue Dispenser (ASI 20030).....	186.93	26.17
10 28 13 13-0064	EA	Twin, 9" Jumbo Roll, Surface Mounted, Stainless Steel, Toilet Tissue Dispenser (ASI 0040).....	202.80	26.17

10 28 13 13-0065 Soap or Sanitizer Dispensers (10 28 13 13-0002)

10 28 13 13-0066	EA	20 Fluid Ounce, 4" Spout, Top-Filling Lavatory Mounted, Chrome Plated Soap Dispenser (Bobrick B-8221).....	102.95	26.17
		<i>For 34 Fluid Ounce (B-822), Add</i>	4.87	
10 28 13 13-0067	EA	20 Fluid Ounce, 6" Spout, Top-Filling Lavatory Mounted, Chrome Plated Soap Dispenser (Bobrick B-82216).....	111.43	26.17
		<i>For 34 Fluid Ounce (B-822), Add</i>	4.87	
10 28 13 13-0068	EA	24 Fluid Ounce, Surface Mounted, Translucent Polyethylene Soap Dispenser (Bobrick B-156).....	70.72	26.17
10 28 13 13-0069	EA	24 Fluid Ounce, Surface Mounted, Chrome-Plated, Translucent Polyethylene Soap Dispenser (Bobrick B-155).....	76.65	26.17
10 28 13 13-0070	EA	40 Fluid Ounce, Concealed Surface Mounted, Translucent Soap Dispenser (Bobrick B-40).....	92.63	26.17
10 28 13 13-0071	EA	40 Fluid Ounce, Surface Mounted, Translucent Plastic Soap Dispenser (Bobrick Classic B-42).....	95.08	26.17
10 28 13 13-0072	EA	40 Fluid Ounce, Surface Mounted, Stainless Steel Soap Dispenser (Bobrick Classic B-2111/2112).....	104.64	26.17
10 28 13 13-0073	EA	40 Fluid Ounce, Surface Mounted, Stainless Steel Soap Dispenser (Bobrick Contura B-4112).....	131.50	26.17
10 28 13 13-0074	EA	45 Fluid Ounce, Recessed Mounted, Stainless Steel Soap Dispenser (Bobrick B-306).....	222.58	26.17
10 28 13 13-0075	EA	50 Fluid Ounce, Recessed Mounted, Stainless Steel Soap Dispenser (Bobrick Contura B-4063).....	352.90	26.17
10 28 13 13-0076	EA	800 ml, Lavatory Mounted, Chrome Plated Automatic Soap Dispenser (Bobrick B-826.18).....	220.12	26.17

Note: Includes start-up kit.

10 28 13 13-0077 Sanitizer Dispensers (10 28 13 13-0002)**10 28 13 13-0078 Manual Sanitizer Dispensers (10 28 13 13-0077)**

10 28 13 13-0079	EA	1,200 ml, Wall Mounted, Plastic, Manual Operation Liquid Hand Sanitizer Dispenser (Purell 5020-01).....	81.87	26.17
10 28 13 13-0080	EA	1,200 ml, Wall Mounted, Plastic, Manual Operation Foam Hand Sanitizer Dispenser (Purell 4510-00).....	83.08	26.17
10 28 13 13-0081	EA	1,250 ml, Wall Mounted, Plastic, Manual Operation Gel Hand Sanitizer Dispenser (Purell 8824-06-UV).....	82.70	26.17

10 28 13 13-0082 Automatic Sanitizer Dispensers (10 28 13 13-0077)

10 28 13 13-0083	EA	1,000 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Clorox 30242-EA).....	76.71	26.17
10 28 13 13-0084	EA	1,200 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Purell 6420-01 ES6).....	99.32	26.17
10 28 13 13-0085	EA	1,200 ml, Wall Mounted, Plastic, Automatic Operation Gel Hand Sanitizer Dispenser (Purell 6520-01 CS6).....	93.68	26.17
10 28 13 13-0086	EA	1,200 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Purell 7720-01 ES8).....	100.59	26.17
10 28 13 13-0087	EA	1,000/1,200 ml, Wall Mounted, Plastic, Automatic Operation Foam/Gel Hand Sanitizer Dispenser (Georgia-Pacific enMotion® Gen2 Hygiene Series 52058).....	115.56	26.17
10 28 13 13-0088	EA	2,000 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Purell 5240-06).....	116.27	26.17

10 28 13 13-0089 Automatic Floor Stand Sanitizer Dispensers (10 28 13 13-0077)

10 28 13 13-0090	EA	1,000 ml, Floor Stand, Metal, Automatic Operation Liquid Hand Sanitizer Dispenser (Purell Elite LTX™ 2456-DS).....	573.96	8.72
10 28 13 13-0091	EA	1,200 ml, Floor Stand, ABS Plastic, Automatic Operation Foam/Gel Hand Sanitizer Dispenser (Purell 7308-DS-SLV).....	617.25	8.72
10 28 13 13-0092	EA	1,200 ml, Floor Stand, Aluminum and Polypropylene, Automatic Operation Liquid Hand Sanitizer Dispenser (Purell 2454-DS02).....	641.45	8.72

10 28 13 13-0093 Facial Tissue Dispensers (10 28 13 13-0002)

10 28 13 13-0094	EA	Surface Mounted, Stainless Steel Facial Tissue Dispenser (Bobrick B-8397).....	118.22	26.17
10 28 13 13-0095	EA	Recessed Mounted, Stainless Steel Facial Tissue Dispenser (Gamco 355).....	84.83	26.17

10 28 13 13-0096 Sanitary Toilet Seat Cover Dispensers (10 28 13 13-0002)

10 28 13 13-0097	EA	Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Sanitary Seat-Cover Dispenser (Bobrick Matrix B-5221).....	69.58	26.17
10 28 13 13-0098	EA	Surface Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Classic B-221).....	91.92	26.17
10 28 13 13-0099	EA	Surface Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Contura B-4221).....	162.32	26.17
10 28 13 13-0100	EA	Recessed Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Classic B-301).....	170.85	26.17
10 28 13 13-0101	EA	Recessed Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick TrimLine B-3013).....	334.53	26.17

10 28 13 13-0102 Sanitary Toilet Seat Cover/Toilet Tissue Dispensers (10 28 13 13-0002)

10 28 13 13-0103	EA	Surface Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick Classic B-3479).....	531.66	26.17
10 28 13 13-0104	EA	Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-34745).....	324.84	26.17

10 28 13 13-0105 Sanitary Napkin/Tampon Dispensers (10 28 13 13-0002)

10 28 13 13-0106	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bobrick B-370639C).....	655.93	26.17
10 28 13 13-0107	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Gamco B-282 25).....	499.30	26.17
10 28 13 13-0108	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vending (Bobrick B-2706).....	664.55	26.17
10 28 13 13-0109	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bobrick Classic B-352 25).....	503.87	26.17
10 28 13 13-0110	EA	Recessed Mounted, Single Coin Operation, Stainless Steel, Sanitary Napkin/Tampon Vendor (Gamco NV-2-4).....	443.30	26.17
10 28 13 13-0111	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bradley 401-45).....	545.04	26.17

10 28 13 13-0112 Toilet Compartment Combination Dispenser/Disposals (10 28 13 13-0002)

10 28 13 13-0113	EA	Side Wall Recessed Mounted, Stainless Steel Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3094).....	465.84	58.16
10 28 13 13-0114	EA	Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-3474).....	519.73	58.16

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 28 13 13-0115	EA		Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-35745).....	431.59	58.16
10 28 13 13-0116	EA		Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3574).....	606.25	58.16
10 28 13 13-0117	EA		Partition Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-347).....	622.92	58.16
10 28 13 13-0118	EA		Partition Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-357).....	715.94	58.16
10 28 13 13-0119	EA		Surface Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3579).....	671.45	58.16

10 28 13 13-0120 Receptacles (10 28 13 13-0001)

10 28 13 13-0121 Wall Mounted Waste Receptacles (10 28 13 13-0120)

10 28 13 13-0122	EA		1-1/2 Gallon, Surface Mounted, Stainless Steel Facial Tissue Waste Receptacle (Gamco WR-3).....	104.60	26.17
10 28 13 13-0123	EA		6.4 Gallon, Surface Mounted, Stainless Steel Waste Receptacle (Bobrick B-279).....	172.49	26.17
10 28 13 13-0124	EA		12 Gallon, 4" Wall Recess, Stainless Steel Waste Receptacle (Bobrick Classic B-3644).....	398.46	58.16
10 28 13 13-0125	EA		12 Gallon, 4" Wall Recess, Stainless Steel Waste Receptacle (Bobrick Contura B-43644).....	589.57	58.16
10 28 13 13-0126	EA		20 Gallon, Surface Mounted, Stainless Steel Waste Receptacle (Bobrick B-275).....	467.72	58.16

10 28 13 13-0127 Floor-Standing/Counter Waste Receptacles (10 28 13 13-0120)

10 28 13 13-0128	EA		5-7/8" Inside Diameter, 3-7/8" Deep, Countertop-Mounted, Stainless Steel Waste Chute (Bobrick B-532).....	123.16	26.17
10 28 13 13-0129	EA		5-7/16" Inside Diameter, 5" Deep, Countertop-Mounted, Stainless Steel Waste Chute (Bobrick B-529).....	175.60	26.17
10 28 13 13-0130	EA		13 Gallon, Open Top, Stainless Steel Floor Standing Waste Receptacle (Bobrick B-2260).....	332.06	11.63
10 28 13 13-0131	EA		13 Gallon, Swing-Top, Stainless Steel Floor-Standing Waste Receptacle (Bobrick B-2250).....	502.26	11.63
10 28 13 13-0132	EA		18 Gallon, Open Top, Stainless Steel Floor-Standing Waste Receptacle (Bobrick B-2300).....	470.54	11.63
10 28 13 13-0133	EA		21 Gallon, Open Top, Stainless Steel Floor Standing Waste Receptacle (Bobrick B-2280).....	452.50	11.63

10 28 13 13-0134 Combination Paper Towel Dispenser/ Waste Receptacle (10 28 13 13-0120)

10 28 13 13-0135	EA		2 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-369).....	330.61	58.16
10 28 13 13-0136	EA		2.6 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Contura B-4369).....	529.35	58.16
10 28 13 13-0137	EA		2 Gallon, Recess Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3944).....	521.44	58.16
10 28 13 13-0138	EA		12 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3900).....	756.23	58.16
10 28 13 13-0139	EA		12 Gallon, Semi-Recess Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3909).....	1,039.70	58.16
10 28 13 13-0140	EA		12 Gallon, Recessed Mounted, Stainless Steel Combination Roll Towel Dispenser/Waste Receptacle (Bobrick Classic B-3961).....	879.35	58.16
10 28 13 13-0141	EA		12 Gallon, Surface Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3949).....	678.65	58.16
10 28 13 13-0142	EA		12 Gallon, Surface Mounted, Stainless Steel Combination Roll Towel Dispenser/Waste Receptacle (Bobrick Classic B-39619).....	1,097.03	58.16
10 28 13 13-0143	EA		16 Gallon, Semi-Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Contura B-43944).....	1,015.09	63.98
10 28 13 13-0144	EA		18 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3947).....	683.75	63.98

10 28 13 13-0145 Sanitary Napkin/Tampon Receptacles (10 28 13 13-0120)

10 28 13 13-0146	EA		Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Contura B-270).....	96.89	29.08
10 28 13 13-0147	EA		Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-254).....	190.14	29.08
10 28 13 13-0148	EA		Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-353).....	206.58	29.08
10 28 13 13-0149	EA		Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-35303).....	478.55	29.08
10 28 13 13-0150	EA		Partition Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-354).....	255.20	29.08
10 28 13 13-0151	EA		Partition Mounted, Stainless Steel Sanitary Napkin Disposal (Bobrick Contura B-4354).....	444.91	29.08

10 28 13 13-0152 Grab Bars (10 28 13 13-0001)

10 28 13 13-0153 1-1/4" Diameter, Stainless Steel Grab Bars (10 28 13 13-0152)

Note: Includes satin finish and concealed mounting with snap flange.

10 28 13 13-0154	EA		12" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Gamco 125x12).....	95.66	23.26
			<i>For Peened Grip, Add</i>	4.95	
10 28 13 13-0155	EA		18" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x18).....	109.71	23.26
			<i>For Peened Grip, Add</i>	6.21	
10 28 13 13-0156	EA		24" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x24).....	111.12	23.26
			<i>For Peened Grip, Add</i>	6.34	
10 28 13 13-0157	EA		30" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x30).....	111.78	23.26
			<i>For Peened Grip, Add</i>	6.40	
10 28 13 13-0158	EA		36" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x36).....	111.96	23.26
			<i>For Peened Grip, Add</i>	6.41	
10 28 13 13-0159	EA		42" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x42).....	115.36	23.26
			<i>For Peened Grip, Add</i>	6.72	
10 28 13 13-0160	EA		48" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x48).....	120.72	23.26
			<i>For Peened Grip, Add</i>	7.20	
10 28 13 13-0161	EA		36" Length, 1-1/4" Diameter, Straight, Satin Finish, Stainless Steel Grab Bar With Closure Plate (Global Industrial WG641275).....	110.17	20.55
10 28 13 13-0162	EA		42" Length, 1-1/4" Diameter, Straight, Satin Finish, Stainless Steel Grab Bar With Closure Plate (Global Industrial WG641277).....	113.01	20.55

10 Specialties**10 20 Interior Specialties****10 28 Toilet, Bath, and Laundry Accessories**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

10 28 13 13-0163	1-1/4" Diameter, Two Wall, Stainless Steel Grab Bars (10 28 13 13-0152)		
	Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13 13-0164	EA 24" x 36", Two Wall, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-58616).....	183.10	23.26
	For Peened Grip, Add	12.29	
10 28 13 13-0165	EA 36" x 54", Two Wall, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5837).....	186.76	23.26
	For Peened Grip, Add	12.62	
10 28 13 13-0166	1-1/2" Diameter, Stainless Steel Grab Bars (10 28 13 13-0152)		
	Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13 13-0167	EA 12" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x12).....	108.53	23.26
	For Peened Grip, Add	6.10	
10 28 13 13-0168	EA 18" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x18).....	109.71	23.26
	For Peened Grip, Add	6.21	
10 28 13 13-0169	EA 24" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x24).....	111.96	23.26
	For Peened Grip, Add	6.41	
10 28 13 13-0170	EA 30" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x30).....	114.23	23.26
	For Peened Grip, Add	6.62	
10 28 13 13-0171	EA 36" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x36).....	117.05	23.26
	For Peened Grip, Add	6.87	
10 28 13 13-0172	EA 42" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x42).....	119.60	23.26
	For Peened Grip, Add	7.10	
10 28 13 13-0173	EA 48" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x48).....	125.82	23.26
	For Peened Grip, Add	7.66	
10 28 13 13-0174	EA 36" Length, 1-1/2" Diameter, Straight, Satin Finish, Stainless Steel Grab Bar With Closure Plate (Global Industrial WG641279).....	113.72	20.55
10 28 13 13-0175	1-1/2" Diameter, Two Wall, Stainless Steel Grab Bars (10 28 13 13-0152)		
	Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13 13-0176	EA 16" x 31", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6861).....	167.82	23.26
	For Peened Grip, Add	10.92	
10 28 13 13-0177	EA 24" x 36", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-68616).....	179.99	23.26
	For Peened Grip, Add	12.01	
10 28 13 13-0178	EA 36" x 54", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-68137).....	157.08	23.26
	For Peened Grip, Add	9.95	
10 28 13 13-0179	1-1/4" Diameter, Stainless Steel Swing Up Grab Bars (10 28 13 13-0152)		
	Note: Includes satin finish and mounting for swing up.		
10 28 13 13-0180	EA 29" Length, 1-1/4" Diameter, Stainless Steel Swing Up Grab Bar (Bobrick B-4998).....	482.88	23.26
	For Peened Grip, Add	39.80	
10 28 13 13-0181	Shelves (10 28 13 13-0001)		
10 28 13 13-0182	EA 5" Width x 16" Length, Stainless Steel Shelf (Bobrick B-295).....	124.99	26.17
10 28 13 13-0183	EA 5" Width x 18" Length, Stainless Steel Shelf (Bobrick B-295).....	128.39	26.17
10 28 13 13-0184	EA 5" Width x 24" Length, Stainless Steel Shelf (Bobrick B-295).....	143.94	26.17
10 28 13 13-0185	EA 5" Width x 36" Length, Stainless Steel Shelf (Gamco S-5x36).....	147.85	26.17
10 28 13 13-0186	EA 6" Width x 18" Length, Stainless Steel Shelf (Bobrick B-296).....	141.69	26.17
10 28 13 13-0187	EA 6" Width x 24" Length, Stainless Steel Shelf (Gamco S-6x24).....	143.53	26.17
10 28 13 13-0188	EA 8" Width x 18" Length, Stainless Steel Shelf (Bobrick B-298).....	152.70	26.17
10 28 13 13-0189	EA 8" Width x 24" Length, Stainless Steel Shelf (Bobrick B-298).....	165.98	26.17
10 28 13 13-0190	EA 8" Width x 36" Length, Stainless Steel Shelf (Gamco S-8x36).....	194.06	26.17
10 28 13 13-0191	EA 5-3/4" Width x 14-1/2" Length, Folding Stainless Steel Utility Shelf (Bobrick B-287).....	152.98	26.17
10 28 13 13-0192	EA 4-3/4" Width x 24" Length, Stainless Steel Toilet Shelf (Bobrick B-683).....	155.81	26.17
10 28 13 13-0193	EA 12" Width x 24" Length, Stainless Steel Shelf (Bradley 7512-24).....	384.09	26.17
10 28 13 13-0194	EA 12" Width x 30" Length, Stainless Steel Shelf (Bradley 7512-30).....	413.08	26.17
10 28 13 13-0195	EA 12" Width x 36" Length, Stainless Steel Shelf (Bradley 7512-36).....	457.82	26.17
10 28 13 13-0196	EA 12" Width x 48" Length, Stainless Steel Shelf (Bradley 7512-48).....	579.54	26.17
10 28 13 13-0197	EA 12" Width x 60" Length, Stainless Steel Shelf (Bradley 7512-60).....	801.28	26.17
10 28 13 13-0198	EA 4-1/4" Width x 16-1/2" Length x 6-1/2" Height, Recessed Stainless Steel Shelf (American Specialties 0412).....	305.29	26.17
10 28 13 13-0199	Changing Stations (10 28 13 13-0001)		
10 28 13 13-0200	EA Horizontal, Wall-Mounted, Polyethylene Baby Changing Station (Gamco BCS-1).....	460.95	34.90
10 28 13 13-0201	EA Vertical, Wall-Mounted, Polyethylene Baby Changing Station (Bobrick Koala Care KB101-00).....	488.25	34.90
10 28 13 13-0202	EA Horizontal, Wall-Mounted, Polypropylene Baby Changing Station (Bobrick Koala Care KB200-00).....	403.72	34.90
10 28 13 13-0203	EA Horizontal, Recessed Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB110-SSRE).....	1,943.98	34.90
10 28 13 13-0204	EA Horizontal, Wall-Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB110-SSWM).....	2,268.95	34.90
10 28 13 13-0205	EA Vertical, Recessed Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB111-SSRE).....	1,943.98	34.90
10 28 13 13-0206	EA Vertical, Wall-Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB111-SSWM).....	2,268.95	34.90
10 28 13 13-0207	Folding Shower Seats (10 28 13 13-0001)		
10 28 13 13-0208	EA 33" Width, Wall-Mounted, Reversible, Folding, Stainless Steel Hardware, Solid Phenolic Shower Seat (Bobrick B-5181).....	579.60	46.53
10 28 13 13-0209	EA 33" Width, Wall-Mounted, Foam Padded, Naugahyde® Folding Shower Seat (Bobrick B-517/518).....	757.71	46.53
10 28 13 13-0210	EA 30" Width, Wall-Mounted, Teakwood Folding Shower Seat.....	1,684.09	46.53
10 28 13 13-0211	EA 33-1/2" Width, Wall-Mounted, Stainless Steel, Americans With Disabilities Act Compliant Folding Shower Seat, (Acorn Shower-Ware 1103-31/1103-32).....	3,595.85	
10 28 13 13-0212	Soap/Dish Holders (10 28 13 13-0001)		
10 28 13 13-0213	EA Surface Mounted, Stainless Steel Toothbrush and Tumbler Holder (Gamco 7679).....	64.58	26.17

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST				

10 28 13 13-0214	EA		Surface Mounted, Stainless Steel Soap Dish (Gamco 7680)	66.55	26.17				
10 28 13 13-0215	EA		Recessed Mounted, Stainless Steel Soap Dish (Bobrick B-4380)	116.28	26.17				
10 28 13 13-0216	EA		Recessed Mounted, Stainless Steel Soap Dish And Bar (Bobrick B-4390)	126.18	26.17				

10 28 13 13-0217 Shower Curtains/Curtain Rods (10 28 13 13-0001)

10 28 13 13-0218	EA		Stainless Steel Shower Curtain Hook (Bobrick B-204-1)	3.20	1.17				
10 28 13 13-0219	EA		42" Width x 72" Height, Vinyl Shower Curtain (Bobrick B-204-2)	51.82	11.63				
			Note: Requires 7 curtain hooks.						
10 28 13 13-0220	EA		70" Width x 72" Height, Vinyl Shower Curtain (Bobrick B-204-3)	54.23	11.63				
			Note: Requires 12 curtain hooks.						
10 28 13 13-0221	EA		36" Length, 20 Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	92.20	26.17				
10 28 13 13-0222	EA		48" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	98.43	26.17				
10 28 13 13-0223	EA		60" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	106.06	26.17				
10 28 13 13-0224	EA		72" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	115.39	26.17				
10 28 13 13-0225	EA		36" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x36)	81.46	26.17				
10 28 13 13-0226	EA		48" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x48)	88.81	26.17				
10 28 13 13-0227	EA		60" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x60)	93.05	26.17				
10 28 13 13-0228	EA		72" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x72)	98.43	26.17				
10 28 13 13-0229	EA		36" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	84.57	26.17				
10 28 13 13-0230	EA		48" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	90.79	26.17				
10 28 13 13-0231	EA		60" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	98.13	26.17				
10 28 13 13-0232	EA		72" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	103.23	26.17				

10 28 13 13-0233 Hand Dryers (10 28 13 13-0001)

10 28 13 13-0234	EA		Surface Mounted, Automatic Sensor, One Piece Plastic Cover Hand Dryer (Bobrick CompacDryer B-710)	526.70	28.62				
10 28 13 13-0235	EA		Surface Mounted, Automatic Sensor, Cast Aluminum Cover Hand Dryer (Bobrick B-7120-115V)	568.24	28.62				
10 28 13 13-0236	EA		Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Bobrick B-7128 230V)	631.01	28.62				
10 28 13 13-0237	EA		Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Bobrick B-750-115/230)	898.96	28.62				
10 28 13 13-0238	EA		Surface Mounted, Touch-Button, Cast-Iron Cover Hand Dryer (World Dryer A)	1,189.40	28.62				
10 28 13 13-0239	EA		Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (World Dryer A)	1,339.79	28.62				
10 28 13 13-0240	EA		Surface Mounted, Touch-Button, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60)	1,854.64	28.62				
10 28 13 13-0241	EA		Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60T)	1,930.38	28.62				
10 28 13 13-0242	EA		Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60TR)	2,011.16	28.62				
10 28 13 13-0243	EA		Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Excel Xlerator XL-GR)	1,539.34	28.62				
10 28 13 13-0244	EA		Surface Mounted, Automatic Sensor, Acrylonitrile Butadiene Styrene (ABS) Polycarbonate Cover Hand Dryer (Dyson Airblade AB12)	1,671.69	28.62				
10 28 13 13-0245	EA		Surface Mounted, Automatic Sensor, Acrylonitrile Butadiene Styrene (ABS) Polycarbonate Cover Hand Dryer (Dyson Airblade AB14)	2,832.17	28.62				
10 28 13 13-0246	EA		Surface Mounted, Automatic Sensor, White ABS Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9)	1,239.44	28.62				
			Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.						
10 28 13 13-0247	EA		Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-M)	1,309.21	28.62				
			Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.						
10 28 13 13-0248	EA		Surface Mounted, Automatic Sensor, Black Graphite Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-BG)	1,349.08	28.62				
			Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.						
10 28 13 13-0249	EA		Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-C)	1,388.95	28.62				
			Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.						
10 28 13 13-0250	EA		Surface Mounted, Automatic Sensor, Stainless Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-SS)	1,468.68	28.62				
			Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.						
10 28 13 13-0251	EA		Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9)	1,000.23	28.62				
			Note: Electronically adjustable sound and speed.						
10 28 13 13-0252	EA		Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-M)	1,070.00	28.62				
			Note: Electronically adjustable sound and speed.						
10 28 13 13-0253	EA		Surface Mounted, Automatic Sensor, Black Graphite Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-BG)	1,109.87	28.62				
			Note: Electronically adjustable sound and speed.						
10 28 13 13-0254	EA		Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-C)	1,149.74	28.62				
			Note: Electronically adjustable sound and speed.						
10 28 13 13-0255	EA		Surface Mounted, Automatic Sensor, Stainless Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-SS)	1,229.47	28.62				
			Note: Electronically adjustable sound and speed.						
10 28 13 13-0256	EA		Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7)	1,000.23	28.62				
			Note: Electronically adjustable sound and speed.						
10 28 13 13-0257	EA		Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-M)	1,070.00	28.62				
			Note: Electronically adjustable sound and speed.						
10 28 13 13-0258	EA		Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-BG)	1,109.87	28.62				
			Note: Electronically adjustable sound and speed.						
10 28 13 13-0259	EA		Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-C)	1,149.74	28.62				
			Note: Electronically adjustable sound and speed.						
10 28 13 13-0260	EA		Surface Mounted, Stainless Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-SS)	1,229.47	28.62				
			Note: Electronically adjustable sound and speed.						
10 28 13 13-0261	EA		Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90)	721.16	28.62				

10 Specialties

10 20 Interior Specialties

10 28 Toilet, Bath, and Laundry Accessories



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13	13-0262	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-M).....	790.93	28.62
10 28 13	13-0263	EA	Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-BG).....	830.79	28.62
10 28 13	13-0264	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-C).....	870.66	28.62
10 28 13	13-0265	EA	Surface Mounted, Stainless Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-SS).....	950.40	28.62
10 28 13	13-0266	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90H).....	721.16	28.62
10 28 13	13-0267	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-MH).....	790.93	28.62
10 28 13	13-0268	EA	Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-BGH).....	830.79	28.62
10 28 13	13-0269	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-CH).....	870.66	28.62
10 28 13	13-0270	EA	Surface Mounted, Automatic Sensor, Stainless Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-SSH).....	950.40	28.62
10 28 13	13-0271	EA	Surface Mounted, Automatic Sensor, ABS Cover, Hand Dryer (American Dryer GX1).....	521.82	28.62
10 28 13	13-0272	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Hand Dryer (American Dryer GX1-M).....	591.59	28.62
10 28 13	13-0273	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Hand Dryer (American Dryer GX1-C).....	671.32	28.62

10 28 13 13-0274 Hand Dryers (Excel XLERATOR®) (10 28 13 13-0001)

Note: With or without noise reduction nozzle options.

10 28 13	13-0275	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-W).....	1,028.11	28.62
			<i>For ADA-Compliant Recess Kit, Add</i>	168.92	
10 28 13	13-0276	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-WH).....	1,451.04	28.62
			<i>For ADA-Compliant Recess Kit, Add</i>	168.92	
10 28 13	13-0277	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-GR).....	1,207.70	28.62
			<i>For ADA-Compliant Recess Kit, Add</i>	168.92	
10 28 13	13-0278	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel Xlerator XL-GRH).....	1,511.88	28.62
			<i>For ADA-Compliant Recess Kit, Add</i>	168.92	
10 28 13	13-0279	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-C).....	1,298.95	28.62
			<i>For ADA-Compliant Recess Kit, Add</i>	168.92	
10 28 13	13-0280	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-CH).....	1,603.13	28.62
			<i>For ADA-Compliant Recess Kit, Add</i>	168.92	
10 28 13	13-0281	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, Hand Dryer (Excel XLERATOR® XL-SB).....	1,298.95	28.62
			<i>For ADA-Compliant Recess Kit, Add</i>	168.92	
10 28 13	13-0282	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-SBH).....	1,603.13	28.62
			<i>For ADA-Compliant Recess Kit, Add</i>	168.92	
10 28 13	13-0283	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-SP).....	1,207.70	28.62
			<i>For ADA-Compliant Recess Kit, Add</i>	168.92	
10 28 13	13-0284	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-SPH).....	1,511.88	28.62
			<i>For ADA-Compliant Recess Kit, Add</i>	168.92	
10 28 13	13-0285	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), Hand Dryer (Excel XLERATOR® XL-BW).....	1,086.03	28.62
			<i>For ADA-Compliant Recess Kit, Add</i>	168.92	
10 28 13	13-0286	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-BWH).....	1,390.21	28.62
			<i>For ADA-Compliant Recess Kit, Add</i>	168.92	
10 28 13	13-0287	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATORReco® XL-W-ECO).....	1,028.11	28.62
			<i>For ADA-Compliant Recess Kit, Add</i>	168.92	
10 28 13	13-0288	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATORReco® XL-WH-ECO).....	1,451.04	28.62
			<i>For ADA-Compliant Recess Kit, Add</i>	168.92	
10 28 13	13-0289	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATORReco® XL-GR-ECO).....	1,207.70	28.62
			<i>For ADA-Compliant Recess Kit, Add</i>	168.92	
10 28 13	13-0290	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATORReco® XL-GRH-ECO).....	1,511.88	28.62
			<i>For ADA-Compliant Recess Kit, Add</i>	168.92	
10 28 13	13-0291	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATORReco® XL-C-ECO).....	1,298.95	28.62
			<i>For ADA-Compliant Recess Kit, Add</i>	168.92	
10 28 13	13-0292	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATORReco® XL-CH-ECO).....	1,603.13	28.62
			<i>For ADA-Compliant Recess Kit, Add</i>	168.92	
10 28 13	13-0293	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, No Heat Hand Dryer (Excel XLERATORReco® XL-SB-ECO).....	1,298.95	28.62
			<i>For ADA-Compliant Recess Kit, Add</i>	168.92	
10 28 13	13-0294	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATORReco® XL-SBH-ECO).....	1,603.13	28.62
			<i>For ADA-Compliant Recess Kit, Add</i>	168.92	
10 28 13	13-0295	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATORReco® XL-SP-ECO).....	1,207.70	28.62
			<i>For ADA-Compliant Recess Kit, Add</i>	168.92	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 28 13 13-0296	EA		Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-SPH-ECO).....	1,511.88	28.62
			<i>For ADA-Compliant Recess Kit, Add</i>	168.92	
10 28 13 13-0297	EA		Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), No Heat Hand Dryer (Excel XLERATOReco® XL-BW-ECO)	1,086.03	28.62
			<i>For ADA-Compliant Recess Kit, Add</i>	168.92	
10 28 13 13-0298	EA		Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-BWH-ECO).....	1,390.21	28.62
			<i>For ADA-Compliant Recess Kit, Add</i>	168.92	
10 28 13 13-0299			Additional Accessories (10 28 13 13-0001)		
10 28 13 13-0300			Hooks (10 28 13 13-0299)		
10 28 13 13-0301	EA		Stainless Steel Clothes Hook And Bumper (Bobrick B-212).....	32.59	11.63
10 28 13 13-0302	EA		Single Stainless Steel Robe Hook (Bobrick B-233)	38.81	11.63
10 28 13 13-0303	EA		Single Stainless Steel Robe Hook (Bobrick B-7671)	33.15	11.63
10 28 13 13-0304	EA		Double Stainless Steel Robe Hook (Bobrick B-7672).....	35.93	11.63
10 28 13 13-0305	EA		Double Stainless Steel Robe Hook (Bobrick B-672 or B-6727)	59.16	11.63
10 28 13 13-0306	EA		Single Stainless Steel Robe Hook (Bobrick B-6717)	53.50	11.63
10 28 13 13-0307			Clotheslines (10 28 13 13-0299)		
10 28 13 13-0308	EA		Surface Mounted, Stainless Steel Retractable Clothesline (Gamco 7636).....	56.97	23.26
10 28 13 13-0309			Towel Bars (10 28 13 13-0299)		
10 28 13 13-0310	EA		18" Length, 3/4" Square, Stainless Steel Towel Bar (Gamco 7673x18)	70.28	26.17
10 28 13 13-0311	EA		24" Length, 3/4" Square, Stainless Steel Towel Bar (Gamco 7673x24)	70.50	26.17
10 28 13 13-0312	EA		18" Length, 3/4" Diameter, Stainless Steel Towel Bar (Gamco 7674x18)	78.79	26.17
10 28 13 13-0313	EA		24" Length, 3/4" Diameter, Stainless Steel Towel Bar (Gamco 7674x24)	79.58	26.17
10 28 13 13-0314	EA		18" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-673)	115.95	26.17
10 28 13 13-0315	EA		24" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-673)	120.75	26.17
10 28 13 13-0316	EA		18" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-674)	119.63	26.17
10 28 13 13-0317	EA		24" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-674)	123.58	26.17
10 28 13 13-0318	EA		18" Length, 1" Diameter, Heavy-Duty, Stainless Steel Towel Bar (Bobrick B-205).....	130.66	26.17
10 28 13 13-0319	EA		24" Length, 1" Diameter, Heavy-Duty, Stainless Steel Towel Bar (Bobrick B-205).....	134.86	26.17
10 28 13 13-0320	EA		18" Length, 1" Diameter, Extra-Heavy-Duty, Stainless Steel Towel Bar/Grab Bar (Bobrick B-530).....	99.84	26.17
10 28 13 13-0321	EA		24" Length, 1" Diameter, Extra-Heavy-Duty, Stainless Steel Towel Bar/Grab Bar (Bobrick B-530).....	103.51	26.17
10 28 13 13-0322			Towel Bar With Shelf (10 28 13 13-0299)		
10 28 13 13-0323	EA		24" Length, Stainless Steel Towel Shelf With Towel Bar (Bobrick B-676)	223.38	26.17
10 28 13 13-0324			Towel Pins (10 28 13 13-0299)		
10 28 13 13-0325	EA		Stainless Steel Towel Pin (Bobrick B-677)	57.19	11.63
10 28 13 13-0326			Mirrors (10 28 13 13)		
10 28 13 13-0327			Stainless Steel Channel Frame Glass Mirrors (10 28 13 13-0326)		
10 28 13 13-0328	EA		16" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-16x24)	118.10	29.08
10 28 13 13-0329	EA		18" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1824).....	133.22	29.08
10 28 13 13-0330	EA		18" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1830).....	138.46	29.08
			<i>For Tempered Glass (B-1658), Add</i>	44.00	
10 28 13 13-0331	EA		18" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1836).....	149.20	29.08
			<i>For Tempered Glass (B-1658), Add</i>	51.51	
10 28 13 13-0332	EA		24" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2430).....	162.99	29.08
10 28 13 13-0333	EA		24" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2436).....	168.79	29.08
			<i>For Tempered Glass (B-1658), Add</i>	65.23	
10 28 13 13-0334	EA		24" x 48", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2448).....	206.82	29.08
10 28 13 13-0335	EA		24" x 60", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2460).....	237.97	29.08
10 28 13 13-0336	EA		36" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-36x36)	285.58	29.08
10 28 13 13-0337	EA		48" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 4836).....	357.88	29.08
10 28 13 13-0338	EA		60" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-60x36)	401.81	29.08
10 28 13 13-0339			Stainless Steel Channel Frame Glass Mirror/Shelf Combination (10 28 13 13-0326)		
10 28 13 13-0340	EA		18" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1824)	213.98	29.08
10 28 13 13-0341	EA		18" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1830)	230.25	29.08
10 28 13 13-0342	EA		18" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1836)	241.00	29.08
10 28 13 13-0343	EA		24" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 2436)	271.32	29.08
10 28 13 13-0344			Stainless Steel Angle Frame Glass Mirrors (10 28 13 13-0326)		
10 28 13 13-0345	EA		18" x 24", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1824).....	191.07	29.08
10 28 13 13-0346	EA		18" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1830).....	209.03	29.08
			<i>For Tempered Glass (B-2908), Add</i>	88.06	
10 28 13 13-0347	EA		18" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1836).....	215.09	29.08
			<i>For Tempered Glass (B-2908), Add</i>	92.06	

10 Specialties**10 20 Interior Specialties****10 28 Toilet, Bath, and Laundry Accessories**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

10 28 13 13-0348	EA	24" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2430).....	250.92	29.08
10 28 13 13-0349	EA	24" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2436).....	252.30	29.08
		<i>For Tempered Glass (B-2908), Add</i>	<i>116.62</i>	
10 28 13 13-0350	EA	24" x 48", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2448).....	335.27	29.08
10 28 13 13-0351	EA	24" x 60", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2460).....	393.16	29.08
10 28 13 13-0352	EA	24" x 72", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2472).....	447.20	29.08
10 28 13 13-0353	EA	36" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-36x36).....	300.04	29.08
10 28 13 13-0354	EA	48" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-48x36).....	364.46	29.08
10 28 13 13-0355	EA	72" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-72x36).....	555.00	29.08
10 28 13 13-0356		Stainless Steel Angle Frame Glass Mirror/Shelf Combination <small>(10 28 13 13-0326)</small>		
10 28 13 13-0357	EA	18" x 24", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Gamco AS-18x24).....	197.36	29.08
10 28 13 13-0358	EA	18" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-1830).....	383.51	29.08
10 28 13 13-0359	EA	18" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-1836).....	401.71	29.08
10 28 13 13-0360	EA	24" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-2436).....	447.20	29.08
10 28 13 13-0361		Frameless Stainless Steel Mirrors <small>(10 28 13 13-0326)</small>		
10 28 13 13-0362	EA	17-1/2" x 29-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 1830).....	213.44	29.08
10 28 13 13-0363	EA	23-1/2" x 35-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 2436).....	274.34	29.08
10 28 13 13-0364		Fixed-Position Tilt, Stainless Steel Frame Glass Mirrors <small>(10 28 13 13-0326)</small>		
10 28 13 13-0365	EA	16" x 30", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1630).....	288.14	29.08
10 28 13 13-0366	EA	18" x 30", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1830).....	299.99	29.08
10 28 13 13-0367	EA	18" x 36", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1836).....	362.02	29.08
10 28 13 13-0368	EA	24" x 36", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 2436).....	443.88	29.08
10 28 13 13-0369		Medicine Cabinets <small>(10 28 13 13)</small>		
10 28 13 13-0370		Metal Medicine Cabinets <small>(10 28 13 13-0369)</small>		
10 28 13 13-0371	EA	20" x 26", Surface Mounted, Aluminum Medicine Cabinet (Kohler K-CB).....	677.10	58.16
10 28 13 13-0372	EA	15-1/2" x 25-7/8", Recessed Mounted, All-Steel Medicine Cabinet (Bobrick B-397).....	259.23	58.16
		Note: Includes three adjustable plastic shelves.		
10 28 13 13-0373	EA	14-1/8" x 20-1/4", Surface Mounted, All-Steel Medicine Cabinet (Bobrick B-297).....	267.28	58.16
		Note: Includes two fixed shelves with baked white enamel finish.		
10 28 13 13-0374	EA	15-1/4" x 25-1/2", Recessed Mounted, Stainless Steel Medicine Cabinet (Bobrick B-398).....	574.02	58.16
		Note: Includes four adjustable stainless steel shelves.		
10 28 13 13-0375	EA	17" x 26-7/8", Surface Mounted, Stainless Steel Medicine Cabinet (Bobrick B-299).....	784.64	58.16
		Note: Includes four adjustable shelves.		
10 28 13 13-0376		Janitorial Material <small>(10 28 13 13)</small>		
10 28 13 13-0377	EA	Stainless Steel Pail And Ladder Utility Hook (Bobrick B-670).....	53.50	11.63
10 28 13 13-0378	EA	24" Length, Stainless Steel Utility Hook Strip (Bobrick B-232x24).....	138.85	26.17
10 28 13 13-0379	EA	24" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Bobrick B-223x24).....	133.77	26.17
10 28 13 13-0380	EA	30" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Gamco MS-1).....	151.67	26.17
10 28 13 13-0381	EA	36" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Bobrick B-223x36).....	169.38	26.17
10 28 13 13-0382	EA	36" Length, Utility Hook Strip (Gamco HCS-2).....	113.89	26.17
10 28 13 13-0383	EA	36" Length, Stainless Steel Custodian Utility Shelf With Mop And Broom Holders And Rag Hooks (Bobrick B-224x36).....	312.43	26.17
10 28 13 13-0384	EA	34" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder With Shelf And Rag Hooks (Bobrick B-239x34).....	448.99	26.17
10 28 13 13-0385		Removal And Reinstallation Of Bathroom Accessories <small>(10 28 13 13)</small>		
		Note: Includes storage, cleaning and supply materials.		
10 28 13 13-0386	EA	Removal And Reinstallation Of Bathroom Accessory.....	36.35	
10 28 13 19		Healthcare Toilet Accessories <small>(10 28 13)</small>		
10 28 13 19-0001		Healthcare Toilet Accessories <small>(10 28 13 19)</small>		
10 28 13 19-0002	EA	Surface Mounted, Stainless Steel Bedpan/Urinal Holder (Bradley BR-9905).....	196.10	36.41
10 28 13 19-0003	EA	Recessed Mounted, Stainless Steel Bedpan Storage Cabinet (Bradley BR-990).....	719.98	36.41
10 28 13 19-0004	EA	Stainless Steel Foot Operated Soap Dispenser (Bradley BR-6843).....	242.04	96.89
10 28 13 63		Detention Toilet Accessories <small>(10 28 13)</small>		
10 28 13 63-0001		Ligature Resistant, Toilet Accessories <small>(10 28 13 63)</small>		
10 28 13 63-0002	EA	Recessed Mounted, White, Enviro-Glaze, Ligature Resistant, Toilet Paper Holder (Whitehall MFG WH1847).....	732.14	93.94
10 28 13 63-0003		Ligature Resistant, Mirrors <small>(10 28 13 63)</small>		
10 28 13 63-0004	EA	16" Width x 26" Height, Framed, Ligature Resistant, Solid Surface Infused Mirror (Whitehall WH1815-OCC11).....	549.35	20.55
10 28 13 63-0005		Ligature Resistant, Stainless Steel Grab Bar <small>(10 28 13 63)</small>		
10 28 13 63-0006	EA	18" Length, 1-1/2" Diameter, 18 Gauge, Ligature Resistant, Stainless Steel Security Grab Bar (Bradley SA70-001180).....	194.85	23.26
10 28 13 63-0007	EA	24" Length, 1-1/2" Diameter, 18 Gauge, Ligature Resistant, Stainless Steel Security Grab Bar (Bradley SA70-001240).....	203.56	23.26

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 28 13 63-0008	EA		36" Length, 1-1/2" Diameter, 18 Gauge, Ligature Resistant, Stainless Steel Security Grab Bar (Bradley SA70-001360).....	209.35	23.26
10 28 13 63-0009	EA		42" Length, 1-1/2" Diameter, 18 Gauge, Ligature Resistant, Stainless Steel Security Grab Bar (Bradley SA70-001420).....	231.58	23.26
10 28 13 63-0010	EA		60" Length, 1-1/2" Diameter, 18 Gauge, Ligature Resistant, Stainless Steel Security Grab Bar (Bradley SA70-002600).....	467.44	23.26
10 28 13 63-0011	EA		36" Length, 1-1/2" Diameter, Ligature Resistant, Satin Finish, Stainless Steel Grab Bar with Closure Plate (Whitehall WH1109-4).....	414.93	20.55

10 28 16 Bath Accessories (10 28)

10 28 16 13 Residential Bath Accessories (10 28 16)

10 28 16 13-0001 Residential Toilet Accessories (10 28 16 13)

10 28 16 13-0002 Residential, Recessed, Chrome Plated Toilet Accessories (10 28 16 13-0001)

10 28 16 13-0003	EA		Single Roll, Recessed Mounted, Chrome Plated Toilet Paper Holder.....	115.24	26.17
10 28 16 13-0004	EA		Recessed Mounted, Chrome Plated Soap Dish.....	164.91	26.17
10 28 16 13-0005	EA		Recessed Mounted, Chrome Plated Soap Dish And Bar.....	175.01	26.17
10 28 16 13-0006	EA		Recessed Mounted, Chrome Plated Tumbler Holder.....	119.52	26.17

10 28 16 13-0007 Residential, Surface Mounted, Chrome Plated Toilet Accessories (10 28 16 13-0001)

10 28 16 13-0008	EA		Surface Mounted, Chrome Plated Soap Dish.....	75.24	17.45
10 28 16 13-0009	EA		Surface Mounted, Chrome Plated Single Clothes Hook.....	86.50	17.45
10 28 16 13-0010	EA		Surface Mounted, Chrome Plated Double Clothes Hook.....	86.50	17.45
10 28 16 13-0011	LF		6" Deep, Surface Mounted, Glass Shelf With Chrome Plated Supports.....	174.27	17.45
10 28 16 13-0012	LF		6" Deep, Surface Mounted, Stainless Steel Shelf.....	145.95	17.45
10 28 16 13-0013	EA		18" Length, Surface Mounted, Chrome Plated Towel Bar.....	96.97	23.26
10 28 16 13-0014	EA		24" Length, Surface Mounted, Chrome Plated Towel Bar.....	98.23	23.26
10 28 16 13-0015	EA		Surface Mounted, Chrome Plated Towel Ring.....	72.46	17.45
10 28 16 13-0016	EA		Surface Mounted, Chrome Plated Tumbler And Toothbrush Holder.....	63.60	11.63
10 28 16 13-0017	EA		Single Roll, Surface Mounted, Chrome Plated Toilet Paper Holder.....	75.24	17.45
10 28 16 13-0018	EA		Two Roll, Surface Mounted, Chrome Plated Toilet Paper Holder.....	150.72	17.45
10 28 16 13-0019	EA		Surface Mounted, Chrome Plated Globe Soap Dispenser.....	90.39	17.45
10 28 16 13-0020	EA		Surface Mounted, Chrome Plated Towel Pin.....	95.49	11.63
10 28 16 13-0021	EA		Surface Mounted, Chrome Plated Towel Ladder And Shelf.....	290.36	17.45
10 28 16 13-0022	EA		Surface Mounted, Retractable Chrome Plated Bath/Shower Clothesline.....	140.42	17.45
10 28 16 13-0023	EA		24" Length, Cut To Size Towel Bar, Surface Mounted, Ceramic Base Towel Bar.....	86.15	17.45
10 28 16 13-0024	EA		Surface Mounted, Chrome, Double Standard Toilet Tissue Holder (Frost 150).....	103.80	20.55
10 28 16 13-0025	EA		Surface Mounted, Chrome, Standard Toilet Tissue Holder (Frost 146).....	97.77	20.55

10 28 16 13-0026 Residential Toilet Accessories (10 28 16 13-0001)

10 28 16 13-0027	EA		Surface Mounted Plastic Paper Towel Dispenser.....	112.78	26.17
10 28 16 13-0028	EA		Surface Mounted Plastic Napkin Disposal.....	99.44	26.17
10 28 16 13-0029	EA		50 Fluid Ounce, Plastic Soap Dispenser For Soaps And Detergent.....	104.15	
10 28 16 13-0030	EA		50 Fluid Ounce, Plastic Soap Dispenser For Antibacterial Soaps.....	118.28	26.17
10 28 16 13-0031	EA		Multi Roll (2) Plastic Toilet Tissue Dispenser.....	112.82	26.17
10 28 16 13-0032	EA		Single Jumbo Roll Plastic Toilet Tissue Dispenser.....	138.24	31.99
10 28 16 13-0033	EA		Surface Mounted Plastic Toilet Seat Cover Dispenser.....	76.40	23.26
10 28 16 13-0034	EA		13 Gallon Plastic Waste Door For Countertops.....	267.78	43.62

10 28 16 13-0035 Residential Medicine Cabinets, Solid Oak (10 28 16 13-0001)

Note: Surface or recessed mounted, premium quality.

10 28 16 13-0036	EA		24" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror.....	663.54	58.16
10 28 16 13-0037	EA		24" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror.....	807.04	58.16
10 28 16 13-0038	EA		30" x 30" Unlighted, Solid Oak Medicine Cabinet With Mirror.....	706.26	58.16
10 28 16 13-0039	EA		30" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror.....	865.30	58.16
10 28 16 13-0040	EA		36" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror.....	733.20	58.16
10 28 16 13-0041	EA		36" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror.....	916.50	58.16
10 28 16 13-0042	EA		48" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror.....	770.19	58.16
10 28 16 13-0043	EA		48" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror.....	979.06	58.16

10 28 19 Tub and Shower Enclosures (10 28)

10 28 19 16 Shower Doors (10 28 19)

10 28 19 16-0001 Swinging Shower Doors (10 28 19 16)

10 28 19 16-0002 Framed, Swinging Shower Doors (10 28 19 16-0001)

10 28 19 16-0003	EA		24-1/4" To 26" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00801).....	469.71	58.04
10 28 19 16-0004	EA		27-1/4" To 29" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00802).....	492.87	29.02
10 28 19 16-0005	EA		29-5/8" To 31-3/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00803).....	588.97	29.02
10 28 19 16-0006	EA		33-1/8" To 34-7/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00804).....	490.41	29.02
10 28 19 16-0007	EA		35-1/8" To 36-7/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00805).....	523.22	29.02

10 28 19 16-0008 Frameless, Swinging Shower Doors (10 28 19 16-0001)

10 Specialties**10 20 Interior Specialties****10 28 Toilet, Bath, and Laundry Accessories**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

10 28 19 16-0009	EA	24-9/16" To 25-7/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0301D)	716.88	29.02
10 28 19 16-0010	EA	31-1/16" To 31-15/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0302D)	749.00	29.02
10 28 19 16-0011	EA	32-11/16" To 33-9/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0303D)	779.23	29.02
10 28 19 16-0012	EA	34-3/16" To 35-1/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0304D)	811.35	29.02
10 28 19 16-0013	EA	35-3/16" To 36-1/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0305D)	842.52	29.02

10 28 19 16-0014 Sliding Shower Doors (10 28 19 16)**10 28 19 16-0015 Framed, Sliding Shower Doors (10 28 19 16-0014)**

10 28 19 16-0016	EA	40" To 42" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00735).....	784.22	29.02
10 28 19 16-0017	EA	44" To 46" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00745).....	719.22	29.02
10 28 19 16-0018	EA	46" To 48" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00775).....	736.73	29.02
10 28 19 16-0019	EA	52" To 54" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00729).....	755.35	29.02
10 28 19 16-0020	EA	54" To 56" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00794).....	765.74	29.02
10 28 19 16-0021	EA	56" To 60" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00795).....	781.11	29.02

10 28 19 16-0022 Frameless, Sliding Shower Doors (10 28 19 16-0014)

10 28 19 16-0023	EA	40" To 44" Opening, 65-1/2" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00335)	812.69	29.02
10 28 19 16-0024	EA	44" To 48" Opening, 65-1/2" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00345)	989.50	29.02
10 28 19 16-0025	EA	56" To 60" Opening, 65-1/2" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00394)	1,049.02	29.02
10 28 19 16-0026	EA	40" To 44" Opening, 70" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00330).....	948.06	29.02
10 28 19 16-0027	EA	44" To 48" Opening, 70" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00370).....	961.09	29.02
10 28 19 16-0028	EA	56" To 60" Opening, 70" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00390).....	1,082.20	29.02

10 28 19 19 Tub Doors (10 28 19)**10 28 19 19-0001 Sliding Bathtub Doors (10 28 19 19)****10 28 19 19-0002 Framed, Sliding Bathtub Doors (10 28 19 19-0001)**

10 28 19 19-0003	EA	52" To 54" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00725).....	699.68	29.02
10 28 19 19-0004	EA	54" To 56" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00749).....	707.17	29.02
10 28 19 19-0005	EA	56" To 60" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00750).....	724.11	29.02

10 40 Safety Specialties (10)**10 41 Emergency Access And Information Cabinets (10 40)****10 41 13 Fire Department Plan Cabinets (10 41)****10 41 13 00-0001 Fire Department Plan Cabinets (Knox) (10 41 13)**

10 41 13 00-0002	EA	18" High x 14-1/2" Wide x 5" Deep, Light Gray Finish, Surface Mount, Fire Department Emergency Storage Cabinet (Knox 1300).....	1,645.26	37.80
		<i>For Tamper Switch Connected To Existing Alarm System, Add</i>	40.00	
		<i>For Dual Locks, Add</i>	60.00	
		<i>For Back Key Hook Panel, Add</i>	59.33	
		<i>For Swing Key Hook Panel, Add</i>	158.33	
		<i>For Non-Locking Weather Housing, Add</i>	398.00	
10 41 13 00-0003	EA	18" High x 14-1/2" Wide x 7" Deep, Light Gray Finish, Surface Mount, Fire Department Emergency Storage Cabinet (Knox 1300).....	1,744.66	37.80
		<i>For Tamper Switch Connected To Existing Alarm System, Add</i>	40.00	
		<i>For Dual Locks, Add</i>	60.00	
		<i>For Back Key Hook Panel, Add</i>	59.33	
		<i>For Swing Key Hook Panel, Add</i>	158.33	
		<i>For Second Swing Key Hook Panel, Add</i>	125.33	
		<i>For Non-Locking Weather Housing, Add</i>	398.00	

10 41 16 Emergency Key Cabinets (10 41)**10 41 16 00-0001 Emergency Key Cabinets (Knox) (10 41 16)**

10 41 16 00-0002	EA	Elevator/Lobby, Deep Red Finish, Surface Mount, Fire Department Emergency Key Storage Box (Knox 1403).....	820.28	37.80
		<i>For Tamper Switch Connected To Existing Alarm System, Add</i>	40.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 41 16 00-0003	EA		5" High x 4" Wide x 3-3/4" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Box 3200).....	720.88	37.80
			<i>For Lift-Off Door, Deduct</i>	-40.00	
			<i>For Aluminum Or Dark Bronze Finish, Add</i>	10.00	
			<i>For Tamper Switch Connected To Existing Alarm System, Add</i>	40.00	
			<i>For Recess Mount, Add</i>	61.67	
			<i>For Cast-In-Place Concrete Recess Mounting, Add</i>	119.00	
10 41 16 00-0004	EA		6" High x 6" Wide x 4-1/2" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Vault 4100).....	964.40	37.80
			<i>For Aluminum Or Dark Bronze Finish, Add</i>	10.00	
			<i>For Tamper Switch Connected To Existing Alarm System, Add</i>	40.00	
			<i>For Recess Mount, Add</i>	61.67	
			<i>For Dual Locks, Add</i>	60.00	
			<i>For Cast-In-Place Concrete Recess Mounting, Add</i>	130.00	
10 41 16 00-0005	EA		7" High x 7" Wide x 5" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Vault 4400).....	1,026.52	37.80
			<i>For Aluminum Or Dark Bronze Finish, Add</i>	10.00	
			<i>For Tamper Switch Connected To Existing Alarm System, Add</i>	40.00	
			<i>For Recess Mount, Add</i>	61.67	
			<i>For Dual Locks, Add</i>	60.00	
			<i>For Cast-In-Place Concrete Recess Mounting, Add</i>	135.00	

10 44 Fire Protection Specialties (10 40)

10 44 13 Fire Protection Cabinets (10 44)

10 44 13 00-0001 Fire Extinguisher Cabinets (10 44 13)

10 44 13 00-0002 Recessed Fire Extinguisher Cabinets (10 44 13 00-0001)

10 44 13 00-0003 Steel Door And Trim, Recessed Fire Extinguisher Cabinets (10 44 13 00-0002)

Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0004	EA		9" x 18" x 5-1/2" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet.....	378.47	47.69
10 44 13 00-0005	EA		10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet.....	384.90	47.69
10 44 13 00-0006	EA		10-1/2" x 24" x 6" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet.....	386.18	47.69
10 44 13 00-0007	EA		12" x 27" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet.....	426.06	47.69
10 44 13 00-0008	EA		16" x 32" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet.....	530.25	47.69
10 44 13 00-0009	EA		20" x 27" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet.....	544.40	47.69

10 44 13 00-0010 Aluminum Door And Trim, Recessed Fire Extinguisher Cabinets (10 44 13 00-0002)

Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0011	EA		9" x 18" x 5-1/2" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet.....	389.72	47.69
10 44 13 00-0012	EA		10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet.....	395.99	47.69
10 44 13 00-0013	EA		10-1/2" x 24" x 6" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet.....	406.44	47.69
10 44 13 00-0014	EA		12" x 27" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet.....	424.20	47.69
10 44 13 00-0015	EA		16" x 32" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet.....	479.12	47.69
10 44 13 00-0016	EA		20" x 27" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet.....	495.84	47.69

10 44 13 00-0017 Stainless Steel Door And Trim, Recessed Fire Extinguisher Cabinets (10 44 13 00-0002)

Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0018	EA		9" x 18" x 5-1/2" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet.....	528.91	47.69
10 44 13 00-0019	EA		10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet.....	542.06	47.69
10 44 13 00-0020	EA		10-1/2" x 24" x 6" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet.....	548.63	47.69
10 44 13 00-0021	EA		12" x 27" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet.....	593.55	47.69
10 44 13 00-0022	EA		16" x 32" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet.....	684.02	47.69
10 44 13 00-0023	EA		20" x 27" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet.....	711.40	47.69

10 44 13 00-0024 Bronze Door And Trim, Recessed Fire Extinguisher Cabinets (10 44 13 00-0002)

Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0025	EA		10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet.....	1,194.63	47.69
10 44 13 00-0026	EA		10-1/2" x 24" x 6" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet.....	1,203.01	47.69
10 44 13 00-0027	EA		12" x 27" x 7-3/4" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet.....	1,373.85	47.69

10 44 13 00-0028 Acrylic Bubble Door And Steel Trim, Recessed Fire Extinguisher Cabinets (10 44 13 00-0002)

Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.

10 44 13 00-0029	EA		10-1/2" x 24" x 4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door.....	462.07	47.69
10 44 13 00-0030	EA		14" x 30" x 4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door.....	510.95	47.69

10 44 13 00-0031 Semi Recessed Fire Extinguisher Cabinets (10 44 13 00-0001)

10 44 13 00-0032 Steel Door And Trim, Semi Recessed Fire Extinguisher Cabinets (10 44 13 00-0031)

Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0033	EA		9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet.....	413.20	47.69
10 44 13 00-0034	EA		10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet.....	426.06	47.69
10 44 13 00-0035	EA		10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet.....	427.34	47.69
10 44 13 00-0036	EA		12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet.....	471.08	47.69
10 44 13 00-0037	EA		16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet.....	558.55	47.69
10 44 13 00-0038	EA		20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet.....	572.69	47.69

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0039			Aluminum Door And Trim, Semi Recessed Fire Extinguisher Cabinets (10 44 13 00-0031) Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0040	EA		9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	436.29	47.69
10 44 13 00-0041	EA		10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	451.96	47.69
10 44 13 00-0042	EA		10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	461.36	47.69
10 44 13 00-0043	EA		12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	479.12	47.69
10 44 13 00-0044	EA		16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	540.76	47.69
10 44 13 00-0045	EA		20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	555.39	47.69
10 44 13 00-0046			Stainless Steel Door And Trim, Semi Recessed Fire Extinguisher Cabinets (10 44 13 00-0031) Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0047	EA		9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	586.52	47.69
10 44 13 00-0048	EA		10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	601.86	47.69
10 44 13 00-0049	EA		10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	608.43	47.69
10 44 13 00-0050	EA		12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	642.39	47.69
10 44 13 00-0051	EA		16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	726.74	47.69
10 44 13 00-0052	EA		20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	745.36	47.69
10 44 13 00-0053			Bronze Door And Trim, Semi Recessed Fire Extinguisher Cabinets (10 44 13 00-0031) Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0054	EA		10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet	1,492.88	47.69
10 44 13 00-0055	EA		10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet	1,499.91	47.69
10 44 13 00-0056	EA		12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet	1,712.11	47.69
10 44 13 00-0057			Acrylic Bubble Door And Steel Trim, Semi Recessed Fire Extinguisher Cabinets (10 44 13 00-0031) Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.		
10 44 13 00-0058	EA		10-1/2" x 24" x 4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	508.38	47.69
10 44 13 00-0059	EA		14" x 30" x 4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	554.69	47.69
10 44 13 00-0060			Surface Mounted Fire Extinguisher Cabinets (10 44 13 00-0001)		
10 44 13 00-0061			Steel Door And Trim, Surface Mount Fire Extinguisher Cabinets (10 44 13 00-0060) Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0062	EA		12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	402.91	47.69
10 44 13 00-0063	EA		13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	410.62	47.69
10 44 13 00-0064	EA		15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	472.36	47.69
10 44 13 00-0065	EA		19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	548.26	47.69
10 44 13 00-0066	EA		23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	568.84	47.69
10 44 13 00-0067			Aluminum Door And Trim, Surface Mount Fire Extinguisher Cabinets (10 44 13 00-0060) Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0068	EA		12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	535.54	47.69
10 44 13 00-0069	EA		13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	549.12	47.69
10 44 13 00-0070	EA		15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	579.42	47.69
10 44 13 00-0071	EA		19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	638.97	47.69
10 44 13 00-0072	EA		23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	664.04	47.69
10 44 13 00-0073			Stainless Steel Door And Trim, Surface Mount Fire Extinguisher Cabinets (10 44 13 00-0060) Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0074	EA		12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	681.83	47.69
10 44 13 00-0075	EA		13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	702.64	47.69
10 44 13 00-0076	EA		15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	754.13	47.69
10 44 13 00-0077	EA		19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	853.81	47.69
10 44 13 00-0078	EA		23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	884.49	47.69
10 44 13 00-0079			Bronze Door And Trim, Surface Mount Fire Extinguisher Cabinets (10 44 13 00-0060) Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0080	EA		13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Bronze Fire Extinguisher Cabinet	1,705.48	47.69
10 44 13 00-0081	EA		15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Bronze Fire Extinguisher Cabinet	1,916.06	47.69
10 44 13 00-0082			Acrylic Bubble Door And Steel Trim, Surface Mount Fire Extinguisher Cabinets (10 44 13 00-0060) Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.		
10 44 13 00-0083	EA		13-11/16" x 27-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	480.08	47.69
10 44 13 00-0084	EA		17-3/16" x 33-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	536.68	47.69
10 44 13 00-0085	EA		31-3/16" x 33-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	734.77	47.69
10 44 13 00-0086			Fire Extinguisher Cabinet Accessories (10 44 13 00-0001)		
10 44 13 00-0087	EA		Standard Break Glass Cylinder Lock Mechanism	38.96	14.54

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 44 13 00-0088	EA			Breaker Bar And Chain For Break Glass Cabinets.....	35.50	14.54
10 44 13 00-0089	EA			Replacement Of Standard Pull Handle.....	33.40	
10 44 13 00-0090	EA			Fire Extinguisher Cabinet Battery Operated Alarm.....	102.60	29.08
10 44 13 00-0091	EA			Fire Rated Option For 10-1/2" x 24" x 5-1/2" Or 6" Cabinets.....	222.35	
10 44 13 00-0092	EA			Fire Rated Option For 12" x 27" x 7-3/4" Cabinets.....	244.58	
10 44 13 00-0093	EA			Fire Rated Option For 16" x 32" x 7-3/4" Cabinets.....	333.52	
10 44 13 00-0094	EA			Fire Rated Option For 20" x 27" x 7-3/4" Cabinets.....	455.82	
10 44 13 00-0095	EA			Fire Rated Option For 9" x 18" x 5-1/2" Cabinets.....	533.64	
10 44 13 00-0096	EA			Standard Glass With Wire Glass For 9" x 18" x 5-1/2" Cabinets.....	128.96	
10 44 13 00-0097	EA			Standard Glass With Wire Glass For 10-1/2" x 24" x 5-1/2" Or 6" Cabinets.....	133.41	
10 44 13 00-0098	EA			Standard Glass With Wire Glass For 12" x 27" x 7-3/4" Cabinets.....	177.88	
10 44 13 00-0099	EA			Standard Glass With Wire Glass For 16" x 32" x 7-3/4" Cabinets.....	322.41	
10 44 13 00-0100	EA			Standard Glass With Wire Glass For 20" x 27" x 7-3/4" Cabinets.....	326.85	
10 44 13 00-0101	EA			Standard Glass With Wire Glass For 12-3/16" x 21-3/16" x 6" Cabinets.....	107.94	
10 44 13 00-0102	EA			Standard Glass With Wire Glass For 13-11/16" x 27-3/16" x 6-1/2" Cabinets.....	113.34	
10 44 13 00-0103	EA			Standard Glass With Wire Glass For 15-3/16" x 30-3/16" x 8-1/4" Cabinets.....	152.92	
10 44 13 00-0104	EA			Standard Glass With Wire Glass For 19-3/16" x 35-3/16" x 8-1/4" Cabinets.....	269.85	
10 44 13 00-0105	EA			Standard Glass With Wire Glass For 23-3/16" x 30-3/16" x 8-1/4" Cabinets.....	273.45	

10 44 13 00-0106 Fire Hose Cabinets (10 44 13)
 Note: Excludes hoses, hose rack units, fire extinguishers and valves. See CSI section 21 12 13 00-0001 for fire hoses and nozzles, 21 12 13 00-0015 for fire hose rack units, 21 12 23 00-0001 for fire department valves, 21 12 23 00-0014 for fire hose angle valves.

10 44 13 00-0107 Recessed Fire Hose Cabinets (10 44 13 00-0106)
10 44 13 00-0108 Steel Door And Trim, Recessed Fire Hose Cabinets (10 44 13 00-0107)
 Note: Includes baked enamel finish, steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0109	EA			34" x 24" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	585.84	134.53
				<i>For Solid Steel Door, Deduct</i>	-8.60	
10 44 13 00-0110	EA			34" x 26" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	596.52	134.53
				<i>For Solid Steel Door, Deduct</i>	-8.60	
10 44 13 00-0111	EA			38" x 24" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	605.42	134.53
				<i>For Solid Steel Door, Deduct</i>	-8.60	
10 44 13 00-0112	EA			38" x 26" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	614.33	134.53
				<i>For Solid Steel Door, Deduct</i>	-8.60	
10 44 13 00-0113	EA			30" x 30" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	625.01	134.53
				<i>For Solid Steel Door, Deduct</i>	-8.60	
10 44 13 00-0114	EA			38" x 32" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	653.47	134.53
				<i>For Solid Steel Door, Deduct</i>	-8.60	
10 44 13 00-0115	EA			23" x 18" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	662.38	134.53
				<i>For Solid Steel Door, Deduct</i>	-8.60	

10 44 13 00-0116 Aluminum Door And Trim, Recessed Fire Hose Cabinets (10 44 13 00-0107)
 Note: Includes clear satin anodized finish, aluminum door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0117	EA			34" x 24" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet.....	639.09	134.53
				<i>For Solid Aluminum Door, Add</i>	6.50	
10 44 13 00-0118	EA			30" x 30" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet.....	656.48	134.53
				<i>For Solid Aluminum Door, Add</i>	6.50	
10 44 13 00-0119	EA			34" x 26" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet.....	658.74	134.53
				<i>For Solid Aluminum Door, Add</i>	6.50	
10 44 13 00-0120	EA			38" x 24" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet.....	665.97	134.53
				<i>For Solid Aluminum Door, Add</i>	6.50	
10 44 13 00-0121	EA			38" x 26" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet.....	675.46	134.53
				<i>For Solid Aluminum Door, Add</i>	6.50	
10 44 13 00-0122	EA			38" x 32" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet.....	702.34	134.53
				<i>For Solid Aluminum Door, Add</i>	6.50	
10 44 13 00-0123	EA			23" x 18" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet.....	729.22	134.53
				<i>For Solid Aluminum Door, Add</i>	6.50	

10 44 13 00-0124 Stainless Steel Door And Trim, Recessed Fire Hose Cabinets (10 44 13 00-0107)
 Note: Includes #4 finish, stainless steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0125	EA			23" x 18" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet.....	780.31	134.53
				<i>For Solid Stainless Steel Door, Deduct</i>	-7.70	
10 44 13 00-0126	EA			34" x 24" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet.....	860.15	134.53
				<i>For Solid Stainless Steel Door, Deduct</i>	-7.70	
10 44 13 00-0127	EA			34" x 26" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet.....	867.82	134.53
				<i>For Solid Stainless Steel Door, Deduct</i>	-7.70	
10 44 13 00-0128	EA			38" x 24" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet.....	892.39	134.53
				<i>For Solid Stainless Steel Door, Deduct</i>	-7.70	
10 44 13 00-0129	EA			38" x 26" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet.....	900.07	134.53
				<i>For Solid Stainless Steel Door, Deduct</i>	-7.70	
10 44 13 00-0130	EA			30" x 30" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet.....	939.98	134.53
				<i>For Solid Stainless Steel Door, Deduct</i>	-7.70	
10 44 13 00-0131	EA			38" x 32" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet.....	979.90	134.53
				<i>For Solid Stainless Steel Door, Deduct</i>	-7.70	

10 44 13 00-0132 Semi Recessed Fire Hose Cabinets (10 44 13 00-0106)
10 44 13 00-0133 Steel Door And Trim, Semi Recessed Fire Hose Cabinets (10 44 13 00-0132)
 Note: Includes baked enamel finish, steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 Specialties**10 40 Safety Specialties****10 44 Fire Protection Specialties**
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10 44 13 00-0134	EA	34" x 24" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	614.33	134.53
		<i>For Solid Steel Door, Deduct</i>	-8.60	
10 44 13 00-0135	EA	34" x 26" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	625.01	134.53
		<i>For Solid Steel Door, Deduct</i>	-8.60	
10 44 13 00-0136	EA	38" x 24" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	633.89	134.53
		<i>For Solid Steel Door, Deduct</i>	-8.60	
10 44 13 00-0137	EA	38" x 26" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	644.57	134.53
		<i>For Solid Steel Door, Deduct</i>	-8.60	
10 44 13 00-0138	EA	30" x 30" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	653.47	134.53
		<i>For Solid Steel Door, Deduct</i>	-8.60	
10 44 13 00-0139	EA	38" x 32" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	681.94	134.53
		<i>For Solid Steel Door, Deduct</i>	-8.60	
10 44 13 00-0140	EA	23" x 18" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	692.62	134.53
		<i>For Solid Steel Door, Deduct</i>	-8.60	

10 44 13 00-0141 Aluminum Door And Trim, Semi Recessed Fire Hose Cabinets (10 44 13 00-0132)

Note: Includes clear satin anodized finish, aluminum door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0142	EA	34" x 24" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	656.48	134.53
		<i>For Solid Aluminum Door, Add</i>	6.50	
10 44 13 00-0143	EA	34" x 26" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	675.46	134.53
		<i>For Solid Aluminum Door, Add</i>	6.50	
10 44 13 00-0144	EA	30" x 30" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	678.17	134.53
		<i>For Solid Aluminum Door, Add</i>	6.50	
10 44 13 00-0145	EA	38" x 24" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	683.37	134.53
		<i>For Solid Aluminum Door, Add</i>	6.50	
10 44 13 00-0146	EA	38" x 26" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	692.85	134.53
		<i>For Solid Aluminum Door, Add</i>	6.50	
10 44 13 00-0147	EA	38" x 32" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	719.73	134.53
		<i>For Solid Aluminum Door, Add</i>	6.50	
10 44 13 00-0148	EA	23" x 18" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	746.62	134.53
		<i>For Solid Aluminum Door, Add</i>	6.50	

10 44 13 00-0149 Stainless Steel Door And Trim, Semi Recessed Fire Hose Cabinets (10 44 13 00-0132)

Note: Includes #4 finish, 304 stainless steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0150	EA	23" x 18" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	827.91	134.53
		<i>For Solid Stainless Steel Door, Deduct</i>	-7.70	
10 44 13 00-0151	EA	34" x 24" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	915.42	134.53
		<i>For Solid Stainless Steel Door, Deduct</i>	-7.70	
10 44 13 00-0152	EA	34" x 26" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	923.09	134.53
		<i>For Solid Stainless Steel Door, Deduct</i>	-7.70	
10 44 13 00-0153	EA	38" x 24" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	947.66	134.53
		<i>For Solid Stainless Steel Door, Deduct</i>	-7.70	
10 44 13 00-0154	EA	38" x 26" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	955.33	134.53
		<i>For Solid Stainless Steel Door, Deduct</i>	-7.70	
10 44 13 00-0155	EA	30" x 30" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	995.25	134.53
		<i>For Solid Stainless Steel Door, Deduct</i>	-7.70	
10 44 13 00-0156	EA	38" x 32" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	1,035.17	134.53
		<i>For Solid Stainless Steel Door, Deduct</i>	-7.70	

10 44 13 00-0157 Surface Mount Fire Hose Cabinets (10 44 13 00-0106)
10 44 13 00-0158 Steel Door And Trim, Surface Mount Fire Hose Cabinets (10 44 13 00-0157)

Note: Includes baked enamel finish, steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0159	EA	37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	625.01	134.53
		<i>For Solid Steel Door, Deduct</i>	-8.60	
10 44 13 00-0160	EA	37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	633.89	134.53
		<i>For Solid Steel Door, Deduct</i>	-8.60	
10 44 13 00-0161	EA	41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	644.57	134.53
		<i>For Solid Steel Door, Deduct</i>	-8.60	
10 44 13 00-0162	EA	41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	653.47	134.53
		<i>For Solid Steel Door, Deduct</i>	-8.60	
10 44 13 00-0163	EA	33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	662.38	134.53
		<i>For Solid Steel Door, Deduct</i>	-8.60	
10 44 13 00-0164	EA	41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	692.62	134.53
		<i>For Solid Steel Door, Deduct</i>	-8.60	
10 44 13 00-0165	EA	26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	701.52	134.53
		<i>For Solid Steel Door, Deduct</i>	-8.60	

10 44 13 00-0166 Aluminum Door And Trim, Surface Mount Fire Hose Cabinets (10 44 13 00-0157)

Note: Includes clear satin anodized finish, aluminum door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0167	EA	37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	702.34	134.53
		<i>For Solid Aluminum Door, Add</i>	6.50	
10 44 13 00-0168	EA	33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	719.73	134.53
		<i>For Solid Aluminum Door, Add</i>	6.50	
10 44 13 00-0169	EA	37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	724.25	134.53
		<i>For Solid Aluminum Door, Add</i>	6.50	
10 44 13 00-0170	EA	41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	729.22	134.53
		<i>For Solid Aluminum Door, Add</i>	6.50	
10 44 13 00-0171	EA	41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	737.13	134.53
		<i>For Solid Aluminum Door, Add</i>	6.50	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 44 13 00-0172	EA		41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	765.59 6.50	134.53
10 44 13 00-0173	EA		26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	782.99 6.50	134.53
10 44 13 00-0174			Stainless Steel Door And Trim, Surface Mount Fire Hose Cabinets (10 44 13 00-0157) Note: Includes #4 finish, 304 stainless steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0175	EA		26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	892.39 -7.70	134.53
10 44 13 00-0176	EA		37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	1,147.24 -7.70	134.53
10 44 13 00-0177	EA		41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	1,211.72 -7.70	134.53
10 44 13 00-0178	EA		37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	1,227.08 -7.70	134.53
10 44 13 00-0179	EA		41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	1,242.43 -7.70	134.53
10 44 13 00-0180	EA		33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	1,306.91 -7.70	134.53
10 44 13 00-0181	EA		41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	1,386.75 -7.70	134.53

10 44 16 Fire Extinguishers (10 44)

10 44 16 13 Portable Fire Extinguishers (10 44 16)

Note: Includes filling, certification, bracket, hardware and mounting on wall.

10 44 16 13-0001 Carbon Dioxide Type, Class BC Portable Fire Extinguisher (10 44 16 13)

10 44 16 13-0002	EA		2.5 LB Carbon Dioxide, Type BC Portable Fire Extinguisher..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	212.50 -6.75 -13.50 -38.77	15.12
10 44 16 13-0003	EA		5 LB Carbon Dioxide, Type BC Portable Fire Extinguisher..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	312.53 -11.15 -22.31 -44.74	17.45
10 44 16 13-0004	EA		10 LB Carbon Dioxide, Type BC Portable Fire Extinguisher..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	406.51 -14.51 -29.02 -58.16	22.10
10 44 16 13-0005	EA		15 LB Carbon Dioxide, Type BC Portable Fire Extinguisher..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	500.32 -17.75 -35.49 -72.70	27.91
10 44 16 13-0006	EA		20 LB Carbon Dioxide, Type BC Portable Fire Extinguisher..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	558.31 -20.65 -41.29 -72.70	27.91
10 44 16 13-0007	EA		50 LB Carbon Dioxide, Type BC Wheeled Fire Extinguisher..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i>	1,814.18 -79.08 -158.16	44.20
10 44 16 13-0008	EA		100 LB Carbon Dioxide, Type BC Wheeled Fire Extinguisher..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i>	3,576.97 -167.22 -334.43	44.20

10 44 16 13-0009 Dry Chemical Type, Class ABC Portable Fire Extinguisher (10 44 16 13)

10 44 16 13-0010	EA		2.6 LB Dry Chemical, Type ABC Portable Fire Extinguisher..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	129.00 -2.57 -5.15 -38.77	15.12
10 44 16 13-0011	EA		5 LB Dry Chemical, Type ABC Portable Fire Extinguisher..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	162.46 -3.65 -7.30 -44.74	17.45
10 44 16 13-0012	EA		10 LB Dry Chemical, Type ABC Portable Fire Extinguisher..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	232.50 -5.81 -11.62 -58.16	22.10
10 44 16 13-0013	EA		20 LB Dry Chemical, Type ABC Portable Fire Extinguisher..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	328.25 -9.14 -18.29 -72.70	27.91
10 44 16 13-0014	EA		50 LB Dry Chemical, Type ABC Wheeled Fire Extinguisher..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i>	2,178.82 -97.31 -194.62	44.20
10 44 16 13-0015	EA		125 LB Dry Chemical, Type ABC Wheeled Fire Extinguisher..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i>	3,244.70 -150.60 -301.21	44.20

10 44 16 13-0016 Other Portable Fire Extinguishers (10 44 16 13)

10 Specialties

10 40 Safety Specialties

10 44 Fire Protection Specialties

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
10 44 16 13-0017	EA	2.5 Gallon Water, Stored Pressure Portable Fire Extinguisher	239.17		17.45
		Note: Stainless steel.			
		For >5 To 10, Deduct	-7.48		
		For >10, Deduct	-14.97		
		For Placement In Cabinet, Deduct	-44.74		
10 44 16 13-0018	EA	1.6 Gallon Wet Chemical, Class K Portable Fire Extinguisher	361.42		27.91
		Note: Stainless steel.			
		For >5 To 10, Deduct	-10.80		
		For >10, Deduct	-21.60		
		For Placement In Cabinet, Deduct	-72.70		
10 44 16 13-0019	EA	2.5 Gallon Wet Chemical, Class K Portable Fire Extinguisher	384.95		27.91
		Note: Stainless steel.			
		For >5 To 10, Deduct	-11.98		
		For >10, Deduct	-23.96		
		For Placement In Cabinet, Deduct	-72.70		
10 44 16 13-0020	EA	30 LB Dry Powder, Class D Portable Fire Extinguisher	547.53		27.91
		Note: Yellow steel.			
		For >5 To 10, Deduct	-20.11		
		For >10, Deduct	-40.21		
10 44 16 13-0021 Fire Extinguisher Backboards (10 44 16 13)					
10 44 16 13-0022 Fire Extinguisher Backboards (10 44 16 13-0021)					
		Note: Mounted to any wall. Includes anchors.			
10 44 16 13-0023	EA	Red Painted 1/2" x 12" x 40" Beveled Edge Plywood Fire Extinguisher Backboard	129.23		19.91
10 44 16 13-0024	EA	Relocate Fire Extinguisher Wood Backboard, Any Size	175.72		
		Note: Includes storage and cleaning.			
10 44 16 13-0025 Inspections And Testing (10 44 16 13)					
10 44 16 13-0026	EA	On Site Fire Extinguisher Annual Inspection (Tag)	10.79		
10 44 16 13-0027	EA	On Site Fire Extinguisher Hydrotest	15.86		
10 44 19 Fire Blankets (10 44)					
10 44 19 00-0001	EA	Vertical Roller Type Fire Blanket Cabinet (JL Industries 1FB)	470.32		47.69
		Note: Includes a 62" x 84", 3-1/2 pound, processed wool fire blanket.			
10 44 19 00-0002	EA	Drop Type Fire Blanket Cabinet (JL Industries 2FB)	348.12		47.69
		Note: Includes a 62" x 84", 3-1/2 pound, processed wool fire blanket.			
10 50 Storage Specialties (10)					
10 51 Lockers (10 50)					
10 51 13 Metal Lockers (10 51)					
10 51 13 00-0001 Institutional Lockers (10 51 13)					
		Note: Price per frame. Includes baked enamel 24 gauge solid body components and 6" legs. Excludes slope top, base fillers, and locks.			
10 51 13 00-0002 Single Tier Institutional Locker (10 51 13 00-0001)					
		Note: Includes one hat shelf, three single hooks and one double hook.			
10 51 13 00-0003	EA	12" x 12" x 60" Single Tier Institutional Or Corridor Locker	284.14		36.05
		For >25 To 50, Deduct	-10.60		
		For >50 To 100, Deduct	-22.28		
		For >100, Deduct	-33.97		
		For 14 Gauge Doors, Add	16.96		
10 51 13 00-0004	EA	12" x 15" x 60" Single Tier Institutional Or Corridor Locker	295.37		36.05
		For >25 To 50, Deduct	-11.16		
		For >50 To 100, Deduct	-23.41		
		For >100, Deduct	-35.65		
		For 14 Gauge Doors, Add	17.86		
10 51 13 00-0005	EA	12" x 18" x 60" Single Tier Institutional Or Corridor Locker	310.73		36.05
		For >25 To 50, Deduct	-11.93		
		For >50 To 100, Deduct	-24.94		
		For >100, Deduct	-37.96		
		For 14 Gauge Doors, Add	19.09		
10 51 13 00-0006	EA	12" x 12" x 72" Single Tier Institutional Or Corridor Locker	309.77		37.22
		For >25 To 50, Deduct	-11.77		
		For >50 To 100, Deduct	-24.65		
		For >100, Deduct	-37.53		
		For 14 Gauge Doors, Add	18.83		
10 51 13 00-0007	EA	12" x 15" x 72" Single Tier Institutional Or Corridor Locker	319.08		37.22
		For >25 To 50, Deduct	-12.23		
		For >50 To 100, Deduct	-25.58		
		For >100, Deduct	-38.93		
		For 14 Gauge Doors, Add	19.57		
10 51 13 00-0008	EA	12" x 18" x 72" Single Tier Institutional Or Corridor Locker	328.16		37.22
		For >25 To 50, Deduct	-12.69		
		For >50 To 100, Deduct	-26.49		
		For >100, Deduct	-40.29		
		For 14 Gauge Doors, Add	20.30		
10 51 13 00-0009	EA	15" x 15" x 72" Single Tier Institutional Or Corridor Locker	343.84		37.22
		For >25 To 50, Deduct	-13.47		
		For >50 To 100, Deduct	-28.06		
		For >100, Deduct	-42.64		
		For 14 Gauge Doors, Add	21.55		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0010	EA		15" x 18" x 72" Single Tier Institutional Or Corridor Locker.....	359.35	37.22
			For >25 To 50, Deduct	-14.25	
			For >50 To 100, Deduct	-29.61	
			For >100, Deduct	-44.97	
			For 14 Gauge Doors, Add	22.79	
10 51 13 00-0011	EA		18" x 18" x 72" Single Tier Institutional Or Corridor Locker.....	375.78	37.22
			For >25 To 50, Deduct	-15.07	
			For >50 To 100, Deduct	-31.25	
			For >100, Deduct	-47.43	
			For 14 Gauge Doors, Add	24.11	
10 51 13 00-0012	EA		18" x 21" x 72" Single Tier Institutional Or Corridor Locker.....	390.95	37.22
			For >25 To 50, Deduct	-15.83	
			For >50 To 100, Deduct	-32.77	
			For >100, Deduct	-49.71	
			For 14 Gauge Doors, Add	25.32	
10 51 13 00-0013	EA		24" x 24" x 72" Single Tier Institutional Or Corridor Locker.....	529.56	37.22
			For >25 To 50, Deduct	-22.76	
			For >50 To 100, Deduct	-46.63	
			For >100, Deduct	-70.50	
			For 14 Gauge Doors, Add	36.41	
10 51 13 00-0014			Two Tier Institutional Locker <small>(10 51 13 00-0001)</small>		
			Note: Includes three single hooks and one double hook per tier.		
10 51 13 00-0015	EA		12" x 12" x 60" Two Tier Institutional Or Corridor Locker.....	335.99	37.22
			For >25 To 50, Deduct	-13.08	
			For >50 To 100, Deduct	-27.27	
			For >100, Deduct	-41.47	
			For 14 Gauge Doors, Add	28.77	
10 51 13 00-0016	EA		12" x 15" x 60" Two Tier Institutional Or Corridor Locker.....	343.07	37.22
			For >25 To 50, Deduct	-13.43	
			For >50 To 100, Deduct	-27.98	
			For >100, Deduct	-42.53	
			For 14 Gauge Doors, Add	29.55	
10 51 13 00-0017	EA		12" x 18" x 60" Two Tier Institutional Or Corridor Locker.....	350.20	37.22
			For >25 To 50, Deduct	-13.79	
			For >50 To 100, Deduct	-28.69	
			For >100, Deduct	-43.60	
			For 14 Gauge Doors, Add	30.33	
10 51 13 00-0018	EA		12" x 12" x 72" Two Tier Institutional Or Corridor Locker.....	351.31	38.39
			For >25 To 50, Deduct	-13.73	
			For >50 To 100, Deduct	-28.61	
			For >100, Deduct	-43.48	
			For 14 Gauge Doors, Add	30.20	
10 51 13 00-0019	EA		12" x 15" x 72" Two Tier Institutional Or Corridor Locker.....	366.79	38.39
			For >25 To 50, Deduct	-14.50	
			For >50 To 100, Deduct	-30.15	
			For >100, Deduct	-45.81	
			For 14 Gauge Doors, Add	31.90	
10 51 13 00-0020	EA		12" x 18" x 72" Two Tier Institutional Or Corridor Locker.....	376.13	38.39
			For >25 To 50, Deduct	-14.97	
			For >50 To 100, Deduct	-31.09	
			For >100, Deduct	-47.21	
			For 14 Gauge Doors, Add	32.93	
10 51 13 00-0021	EA		15" x 15" x 72" Two Tier Institutional Or Corridor Locker.....	389.51	38.39
			For >25 To 50, Deduct	-15.64	
			For >50 To 100, Deduct	-32.43	
			For >100, Deduct	-49.21	
			For 14 Gauge Doors, Add	34.40	
10 51 13 00-0022	EA		15" x 18" x 72" Two Tier Institutional Or Corridor Locker.....	402.96	38.39
			For >25 To 50, Deduct	-16.31	
			For >50 To 100, Deduct	-33.77	
			For >100, Deduct	-51.23	
			For 14 Gauge Doors, Add	35.88	
10 51 13 00-0023	EA		18" x 18" x 72" Two Tier Institutional Or Corridor Locker.....	463.79	38.39
			For >25 To 50, Deduct	-19.35	
			For >50 To 100, Deduct	-39.85	
			For >100, Deduct	-60.36	
			For 14 Gauge Doors, Add	42.57	
10 51 13 00-0024	EA		18" x 21" x 72" Two Tier Institutional Or Corridor Locker.....	474.84	38.39
			For >25 To 50, Deduct	-19.90	
			For >50 To 100, Deduct	-40.96	
			For >100, Deduct	-62.01	
			For 14 Gauge Doors, Add	43.79	
10 51 13 00-0025			Three Tier Institutional Locker <small>(10 51 13 00-0001)</small>		
			Note: Includes one double hook per tier.		
10 51 13 00-0026	EA		12" x 12" x 72" Three Tier Institutional Or Corridor Locker.....	394.71	39.55
			For >25 To 50, Deduct	-15.78	
			For >50 To 100, Deduct	-32.75	
			For >100, Deduct	-49.72	
			For 14 Gauge Doors, Add	47.34	
10 51 13 00-0027	EA		12" x 15" x 72" Three Tier Institutional Or Corridor Locker.....	401.98	39.55
			For >25 To 50, Deduct	-16.14	
			For >50 To 100, Deduct	-33.48	
			For >100, Deduct	-50.81	
			For 14 Gauge Doors, Add	48.43	

10 Specialties**10 50 Storage Specialties****10 51 Lockers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

10 51 13 00-0028	EA	12" x 18" x 72"	Three Tier Institutional Or Corridor Locker	427.80	39.55
			<i>For >25 To 50, Deduct</i>	-17.44	
			<i>For >50 To 100, Deduct</i>	-36.06	
			<i>For >100, Deduct</i>	-54.68	
			<i>For 14 Gauge Doors, Add</i>	52.31	
10 51 13 00-0029	EA	15" x 15" x 72"	Three Tier Institutional Or Corridor Locker	452.54	39.55
			<i>For >25 To 50, Deduct</i>	-18.67	
			<i>For >50 To 100, Deduct</i>	-38.53	
			<i>For >100, Deduct</i>	-58.39	
			<i>For 14 Gauge Doors, Add</i>	56.02	
10 51 13 00-0030	EA	15" x 18" x 72"	Three Tier Institutional Or Corridor Locker	472.23	39.55
			<i>For >25 To 50, Deduct</i>	-19.66	
			<i>For >50 To 100, Deduct</i>	-40.50	
			<i>For >100, Deduct</i>	-61.34	
			<i>For 14 Gauge Doors, Add</i>	58.97	
10 51 13 00-0031			Four Tier Institutional Locker (10 51 13 00-0001)		
10 51 13 00-0032	EA	12" x 12" x 72"	Four Tier Institutional Or Corridor Locker	387.34	40.71
			<i>For >25 To 50, Deduct</i>	-15.30	
			<i>For >50 To 100, Deduct</i>	-31.81	
			<i>For >100, Deduct</i>	-48.33	
10 51 13 00-0033	EA	12" x 15" x 72"	Four Tier Institutional Or Corridor Locker	400.01	40.71
			<i>For >25 To 50, Deduct</i>	-15.93	
			<i>For >50 To 100, Deduct</i>	-33.08	
			<i>For >100, Deduct</i>	-50.23	
10 51 13 00-0034	EA	12" x 18" x 72"	Four Tier Institutional Or Corridor Locker	420.42	40.71
			<i>For >25 To 50, Deduct</i>	-16.95	
			<i>For >50 To 100, Deduct</i>	-35.12	
			<i>For >100, Deduct</i>	-53.29	
10 51 13 00-0035	EA	15" x 15" x 72"	Four Tier Institutional Or Corridor Locker	436.74	40.71
			<i>For >25 To 50, Deduct</i>	-17.77	
			<i>For >50 To 100, Deduct</i>	-36.75	
			<i>For >100, Deduct</i>	-55.74	
10 51 13 00-0036	EA	15" x 18" x 72"	Four Tier Institutional Or Corridor Locker	460.25	40.71
			<i>For >25 To 50, Deduct</i>	-18.94	
			<i>For >50 To 100, Deduct</i>	-39.10	
			<i>For >100, Deduct</i>	-59.27	
10 51 13 00-0037			Six Tier Institutional Locker (10 51 13 00-0001)		
10 51 13 00-0038	EA	12" x 12" x 72"	Six Tier Institutional Or Corridor Locker	421.56	41.87
			<i>For >25 To 50, Deduct</i>	-16.89	
			<i>For >50 To 100, Deduct</i>	-35.04	
			<i>For >100, Deduct</i>	-53.18	
10 51 13 00-0039	EA	12" x 15" x 72"	Six Tier Institutional Or Corridor Locker	431.33	41.87
			<i>For >25 To 50, Deduct</i>	-17.38	
			<i>For >50 To 100, Deduct</i>	-36.01	
			<i>For >100, Deduct</i>	-54.65	
10 51 13 00-0040	EA	12" x 18" x 72"	Six Tier Institutional Or Corridor Locker	449.80	41.87
			<i>For >25 To 50, Deduct</i>	-18.30	
			<i>For >50 To 100, Deduct</i>	-37.86	
			<i>For >100, Deduct</i>	-57.42	
10 51 13 00-0041			Locker And Coat Rack Combination (10 51 13 00-0001)		
10 51 13 00-0042	EA	45" x 18" x 12", 4 Person Wall Mount Locker And Coat Rack Combination	782.83	27.91	
10 51 13 00-0043	EA	72" x 18" x 78", 16 Person Locker And Coat Rack Combination	1,250.90	58.16	
10 51 13 00-0044			All-Welded Steel Lockers (10 51 13)		
10 51 13 00-0045			All-Welded Steel Lockers (10 51 13 00-0044)		
			Note: Price per frame. Includes diamond perforated, standard louvered or solid doors and sides. Includes all-welded construction with 16 gauge solid top, bottom, and shelves, 14 gauge doors and 4" legs. Includes electrostatically applied enamel powder coat paint finish. Excludes slope top, base fillers, and locks.		
10 51 13 00-0046			Single Tier, All-Welded Steel Lockers (10 51 13 00-0045)		
			Note: Includes one hat shelf, two single hooks and one double hook.		
10 51 13 00-0047	EA	12" x 12" x 48"	Single Tier, All-Welded Steel Locker	155.77	20.36
			<i>For >25 To 50, Deduct</i>	-6.33	
			<i>For >50 To 100, Deduct</i>	-13.11	
			<i>For >100, Deduct</i>	-19.88	
10 51 13 00-0048	EA	12" x 15" x 48"	Single Tier, All-Welded Steel Locker	163.25	20.36
			<i>For >25 To 50, Deduct</i>	-6.71	
			<i>For >50 To 100, Deduct</i>	-13.85	
			<i>For >100, Deduct</i>	-21.00	
10 51 13 00-0049	EA	12" x 18" x 48"	Single Tier, All-Welded Steel Locker	170.45	20.36
			<i>For >25 To 50, Deduct</i>	-7.07	
			<i>For >50 To 100, Deduct</i>	-14.57	
			<i>For >100, Deduct</i>	-22.08	
10 51 13 00-0050	EA	12" x 12" x 60"	Single Tier, All-Welded Steel Locker	161.95	20.36
			<i>For >25 To 50, Deduct</i>	-6.64	
			<i>For >50 To 100, Deduct</i>	-13.72	
			<i>For >100, Deduct</i>	-20.80	
10 51 13 00-0051	EA	12" x 15" x 60"	Single Tier, All-Welded Steel Locker	169.15	20.36
			<i>For >25 To 50, Deduct</i>	-7.00	
			<i>For >50 To 100, Deduct</i>	-14.44	
			<i>For >100, Deduct</i>	-21.88	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0052	EA		12" x 18" x 60" Single Tier, All-Welded Steel Locker	176.34	20.36
			For >25 To 50, Deduct	-7.36	
			For >50 To 100, Deduct	-15.16	
			For >100, Deduct	-22.96	
10 51 13 00-0053	EA		12" x 12" x 72" Single Tier, All-Welded Steel Locker	171.52	22.39
			For >25 To 50, Deduct	-6.98	
			For >50 To 100, Deduct	-14.43	
			For >100, Deduct	-21.89	
10 51 13 00-0054	EA		12" x 15" x 72" Single Tier, All-Welded Steel Locker	178.18	22.39
			For >25 To 50, Deduct	-7.31	
			For >50 To 100, Deduct	-15.10	
			For >100, Deduct	-22.89	
10 51 13 00-0055	EA		12" x 18" x 72" Single Tier, All-Welded Steel Locker	185.38	22.39
			For >25 To 50, Deduct	-7.67	
			For >50 To 100, Deduct	-15.82	
			For >100, Deduct	-23.97	
10 51 13 00-0056	EA		15" x 15" x 72" Single Tier, All-Welded Steel Locker	192.11	22.39
			For >25 To 50, Deduct	-8.01	
			For >50 To 100, Deduct	-16.49	
			For >100, Deduct	-24.98	
10 51 13 00-0057	EA		15" x 18" x 72" Single Tier, All-Welded Steel Locker	197.66	22.39
			For >25 To 50, Deduct	-8.28	
			For >50 To 100, Deduct	-17.05	
			For >100, Deduct	-25.81	
10 51 13 00-0058	EA		18" x 18" x 72" Single Tier, All-Welded Steel Locker	205.31	22.39
			For >25 To 50, Deduct	-8.67	
			For >50 To 100, Deduct	-17.81	
			For >100, Deduct	-26.96	
10 51 13 00-0059	EA		18" x 21" x 72" Single Tier, All-Welded Steel Locker	213.92	22.39
			For >25 To 50, Deduct	-9.10	
			For >50 To 100, Deduct	-18.67	
			For >100, Deduct	-28.25	
10 51 13 00-0060	EA		24" x 24" x 72" Single Tier, All-Welded Steel Locker	343.57	22.39
			For >25 To 50, Deduct	-15.58	
			For >50 To 100, Deduct	-31.64	
			For >100, Deduct	-47.70	
10 51 13 00-0061			Two Tier, All-Welded Steel Lockers <small>(10 51 13 00-0045)</small>		
			Note: Includes two single hooks and one double hook per tier.		
10 51 13 00-0062	EA		12" x 12" x 60" Two Tier, All-Welded Steel Locker	185.28	20.36
			For >25 To 50, Deduct	-7.81	
			For >50 To 100, Deduct	-16.06	
			For >100, Deduct	-24.30	
10 51 13 00-0063	EA		12" x 15" x 60" Two Tier, All-Welded Steel Locker	188.59	20.36
			For >25 To 50, Deduct	-7.98	
			For >50 To 100, Deduct	-16.39	
			For >100, Deduct	-24.80	
10 51 13 00-0064	EA		12" x 18" x 60" Two Tier, All-Welded Steel Locker	197.46	20.36
			For >25 To 50, Deduct	-8.42	
			For >50 To 100, Deduct	-17.27	
			For >100, Deduct	-26.13	
10 51 13 00-0065	EA		12" x 12" x 72" Two Tier, All-Welded Steel Locker	193.71	22.39
			For >25 To 50, Deduct	-8.09	
			For >50 To 100, Deduct	-16.65	
			For >100, Deduct	-25.22	
10 51 13 00-0066	EA		12" x 15" x 72" Two Tier, All-Welded Steel Locker	205.93	22.39
			For >25 To 50, Deduct	-8.70	
			For >50 To 100, Deduct	-17.87	
			For >100, Deduct	-27.05	
10 51 13 00-0067	EA		12" x 18" x 72" Two Tier, All-Welded Steel Locker	212.59	22.39
			For >25 To 50, Deduct	-9.03	
			For >50 To 100, Deduct	-18.54	
			For >100, Deduct	-28.05	
10 51 13 00-0068	EA		15" x 15" x 72" Two Tier, All-Welded Steel Locker	222.09	22.39
			For >25 To 50, Deduct	-9.51	
			For >50 To 100, Deduct	-19.49	
			For >100, Deduct	-29.47	
10 51 13 00-0069	EA		15" x 18" x 72" Two Tier, All-Welded Steel Locker	226.56	22.39
			For >25 To 50, Deduct	-9.73	
			For >50 To 100, Deduct	-19.94	
			For >100, Deduct	-30.15	
10 51 13 00-0070	EA		18" x 18" x 72" Two Tier, All-Welded Steel Locker	239.45	22.39
			For >25 To 50, Deduct	-10.37	
			For >50 To 100, Deduct	-21.23	
			For >100, Deduct	-32.08	
10 51 13 00-0071	EA		18" x 21" x 72" Two Tier, All-Welded Steel Locker	249.43	22.39
			For >25 To 50, Deduct	-10.87	
			For >50 To 100, Deduct	-22.22	
			For >100, Deduct	-33.58	
10 51 13 00-0072			Three Tier, All-Welded Steel Lockers <small>(10 51 13 00-0045)</small>		
			Note: Includes two single hooks and one double hook per tier.		
10 51 13 00-0073	EA		12" x 12" x 72" Three Tier, All-Welded Steel Locker	228.14	22.39
			For >25 To 50, Deduct	-9.81	
			For >50 To 100, Deduct	-20.09	
			For >100, Deduct	-30.38	

10 Specialties**10 50 Storage Specialties****10 51 Lockers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

10 51 13 00-0074	EA	12" x 15" x 72" Three Tier, All-Welded Steel Locker.....	233.15	22.39
		<i>For >25 To 50, Deduct</i>	-10.06	
		<i>For >50 To 100, Deduct</i>	-20.60	
		<i>For >100, Deduct</i>	-31.13	
10 51 13 00-0075	EA	12" x 18" x 72" Three Tier, All-Welded Steel Locker.....	238.13	22.39
		<i>For >25 To 50, Deduct</i>	-10.31	
		<i>For >50 To 100, Deduct</i>	-21.09	
		<i>For >100, Deduct</i>	-31.88	
10 51 13 00-0076	EA	15" x 15" x 72" Three Tier, All-Welded Steel Locker.....	249.90	22.39
		<i>For >25 To 50, Deduct</i>	-10.90	
		<i>For >50 To 100, Deduct</i>	-22.27	
		<i>For >100, Deduct</i>	-33.65	
10 51 13 00-0077	EA	15" x 18" x 72" Three Tier, All-Welded Steel Locker.....	252.08	22.39
		<i>For >25 To 50, Deduct</i>	-11.00	
		<i>For >50 To 100, Deduct</i>	-22.49	
		<i>For >100, Deduct</i>	-33.97	

10 51 13 00-0078 Four Tier, All-Welded Steel Lockers (10 51 13 00-0045)

10 51 13 00-0079	EA	12" x 12" x 72" Four Tier, All-Welded Steel Locker.....	216.26	22.39
		<i>For >25 To 50, Deduct</i>	-9.21	
		<i>For >50 To 100, Deduct</i>	-18.91	
		<i>For >100, Deduct</i>	-28.60	
10 51 13 00-0080	EA	12" x 15" x 72" Four Tier, All-Welded Steel Locker.....	220.99	22.39
		<i>For >25 To 50, Deduct</i>	-9.45	
		<i>For >50 To 100, Deduct</i>	-19.38	
		<i>For >100, Deduct</i>	-29.31	
10 51 13 00-0081	EA	12" x 18" x 72" Four Tier, All-Welded Steel Locker.....	225.69	22.39
		<i>For >25 To 50, Deduct</i>	-9.69	
		<i>For >50 To 100, Deduct</i>	-19.85	
		<i>For >100, Deduct</i>	-30.01	
10 51 13 00-0082	EA	15" x 15" x 72" Four Tier, All-Welded Steel Locker.....	236.77	22.39
		<i>For >25 To 50, Deduct</i>	-10.24	
		<i>For >50 To 100, Deduct</i>	-20.96	
		<i>For >100, Deduct</i>	-31.68	
10 51 13 00-0083	EA	15" x 18" x 72" Four Tier, All-Welded Steel Locker.....	238.79	22.39
		<i>For >25 To 50, Deduct</i>	-10.34	
		<i>For >50 To 100, Deduct</i>	-21.16	
		<i>For >100, Deduct</i>	-31.98	

10 51 13 00-0084 Six Tier, All-Welded Steel Lockers (10 51 13 00-0045)

10 51 13 00-0085	EA	12" x 12" x 72" Six Tier, All-Welded Steel Locker.....	223.62	22.39
		<i>For >25 To 50, Deduct</i>	-9.58	
		<i>For >50 To 100, Deduct</i>	-19.64	
		<i>For >100, Deduct</i>	-29.70	
10 51 13 00-0086	EA	12" x 15" x 72" Six Tier, All-Welded Steel Locker.....	230.52	22.39
		<i>For >25 To 50, Deduct</i>	-9.93	
		<i>For >50 To 100, Deduct</i>	-20.33	
		<i>For >100, Deduct</i>	-30.74	
10 51 13 00-0087	EA	12" x 18" x 72" Six Tier, All-Welded Steel Locker.....	235.60	22.39
		<i>For >25 To 50, Deduct</i>	-10.18	
		<i>For >50 To 100, Deduct</i>	-20.84	
		<i>For >100, Deduct</i>	-31.50	

10 51 13 00-0088 All Welded Locker Accessories (10 51 13 00-0044)

10 51 13 00-0089	EA	ADA Requirements For All Welded Lockers.....	123.16	
10 51 13 00-0090	EA	Solid Boxed End Panel For 12" Deep All Welded Lockers.....	199.33	4.65
10 51 13 00-0091	EA	Solid Boxed End Panel For 15" Deep All Welded Lockers.....	231.00	4.65
10 51 13 00-0092	EA	Recessed Trim For All Welded Lockers.....	140.68	4.65
10 51 13 00-0093	EA	Built In Combination Lock For All Welded Lockers.....	46.94	4.65
10 51 13 00-0094	EA	Pad Lock For All Welded Lockers.....	38.63	4.65

10 51 13 00-0095 Athletic Lockers (10 51 13)

Note: Price per frame. Includes baked enamel paint, diamond perforated doors and sides, 16 gauge solid top, bottom, and shelves and 6" legs. Excludes slope top, base fillers, and locks.

10 51 13 00-0096 Single Tier Athletic Locker (10 51 13 00-0095)

Note: Includes one hat shelf, three single hooks and one double hook.

10 51 13 00-0097	EA	12" x 15" x 60" Single Tier Athletic Locker.....	427.28	37.22
		<i>For >25 To 50, Deduct</i>	-17.64	
		<i>For >50 To 100, Deduct</i>	-36.40	
		<i>For >100, Deduct</i>	-55.16	
10 51 13 00-0098	EA	12" x 18" x 60" Single Tier Athletic Locker.....	442.18	37.22
		<i>For >25 To 50, Deduct</i>	-18.39	
		<i>For >50 To 100, Deduct</i>	-37.89	
		<i>For >100, Deduct</i>	-57.39	
10 51 13 00-0099	EA	15" x 15" x 60" Single Tier Athletic Locker.....	451.76	37.22
		<i>For >25 To 50, Deduct</i>	-18.87	
		<i>For >50 To 100, Deduct</i>	-38.85	
		<i>For >100, Deduct</i>	-58.83	
10 51 13 00-0100	EA	15" x 18" x 60" Single Tier Athletic Locker.....	467.67	37.22
		<i>For >25 To 50, Deduct</i>	-19.66	
		<i>For >50 To 100, Deduct</i>	-40.44	
		<i>For >100, Deduct</i>	-61.22	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0101	EA		18" x 18" x 60" Single Tier Athletic Locker.....	536.29	37.22
			For >25 To 50, Deduct	-23.09	
			For >50 To 100, Deduct	-47.30	
			For >100, Deduct	-71.51	
10 51 13 00-0102	EA		18" x 21" x 60" Single Tier Athletic Locker.....	590.85	37.22
			For >25 To 50, Deduct	-25.82	
			For >50 To 100, Deduct	-52.76	
			For >100, Deduct	-79.69	
10 51 13 00-0103	EA		18" x 24" x 60" Single Tier Athletic Locker.....	628.17	37.22
			For >25 To 50, Deduct	-27.69	
			For >50 To 100, Deduct	-56.49	
			For >100, Deduct	-85.29	
10 51 13 00-0104	EA		12" x 15" x 72" Single Tier Athletic Locker.....	443.82	37.22
			For >25 To 50, Deduct	-18.47	
			For >50 To 100, Deduct	-38.05	
			For >100, Deduct	-57.64	
10 51 13 00-0105	EA		12" x 18" x 72" Single Tier Athletic Locker.....	470.66	37.22
			For >25 To 50, Deduct	-19.81	
			For >50 To 100, Deduct	-40.74	
			For >100, Deduct	-61.67	
10 51 13 00-0106	EA		15" x 15" x 72" Single Tier Athletic Locker.....	480.09	37.22
			For >25 To 50, Deduct	-20.28	
			For >50 To 100, Deduct	-41.68	
			For >100, Deduct	-63.08	
10 51 13 00-0107	EA		15" x 18" x 72" Single Tier Athletic Locker.....	497.32	37.22
			For >25 To 50, Deduct	-21.14	
			For >50 To 100, Deduct	-43.40	
			For >100, Deduct	-65.67	
10 51 13 00-0108	EA		18" x 18" x 72" Single Tier Athletic Locker.....	539.81	37.22
			For >25 To 50, Deduct	-23.27	
			For >50 To 100, Deduct	-47.65	
			For >100, Deduct	-72.04	
10 51 13 00-0109	EA		18" x 21" x 72" Single Tier Athletic Locker.....	584.33	37.22
			For >25 To 50, Deduct	-25.49	
			For >50 To 100, Deduct	-52.11	
			For >100, Deduct	-78.72	
10 51 13 00-0110			Two Tier Athletic Locker (10 51 13 00-0095)		
			Note: Includes three single hooks and one double hook per tier.		
10 51 13 00-0111	EA		12" x 12" x 60" Two Tier Athletic Locker.....	479.37	38.39
			For >25 To 50, Deduct	-20.13	
			For >50 To 100, Deduct	-41.41	
			For >100, Deduct	-62.69	
10 51 13 00-0112	EA		12" x 15" x 60" Two Tier Athletic Locker.....	495.23	38.39
			For >25 To 50, Deduct	-20.92	
			For >50 To 100, Deduct	-43.00	
			For >100, Deduct	-65.07	
10 51 13 00-0113	EA		12" x 18" x 60" Two Tier Athletic Locker.....	513.09	38.39
			For >25 To 50, Deduct	-21.82	
			For >50 To 100, Deduct	-44.78	
			For >100, Deduct	-67.75	
10 51 13 00-0114	EA		15" x 15" x 60" Two Tier Athletic Locker.....	514.82	38.39
			For >25 To 50, Deduct	-21.90	
			For >50 To 100, Deduct	-44.96	
			For >100, Deduct	-68.01	
10 51 13 00-0115	EA		15" x 18" x 60" Two Tier Athletic Locker.....	518.54	38.39
			For >25 To 50, Deduct	-22.09	
			For >50 To 100, Deduct	-45.33	
			For >100, Deduct	-68.57	
10 51 13 00-0116	EA		18" x 18" x 60" Two Tier Athletic Locker.....	549.91	38.39
			For >25 To 50, Deduct	-23.66	
			For >50 To 100, Deduct	-48.47	
			For >100, Deduct	-73.27	
10 51 13 00-0117	EA		18" x 21" x 60" Two Tier Athletic Locker.....	572.89	38.39
			For >25 To 50, Deduct	-24.81	
			For >50 To 100, Deduct	-50.76	
			For >100, Deduct	-76.72	
10 51 13 00-0118	EA		18" x 24" x 60" Two Tier Athletic Locker.....	675.51	38.39
			For >25 To 50, Deduct	-29.94	
			For >50 To 100, Deduct	-61.03	
			For >100, Deduct	-92.11	
10 51 13 00-0119	EA		12" x 12" x 72" Two Tier Athletic Locker.....	496.54	38.39
			For >25 To 50, Deduct	-20.99	
			For >50 To 100, Deduct	-43.13	
			For >100, Deduct	-65.27	
10 51 13 00-0120	EA		12" x 15" x 72" Two Tier Athletic Locker.....	512.79	38.39
			For >25 To 50, Deduct	-21.80	
			For >50 To 100, Deduct	-44.75	
			For >100, Deduct	-67.71	
10 51 13 00-0121	EA		12" x 18" x 72" Two Tier Athletic Locker.....	534.93	38.39
			For >25 To 50, Deduct	-22.91	
			For >50 To 100, Deduct	-46.97	
			For >100, Deduct	-71.03	
10 51 13 00-0122	EA		15" x 15" x 72" Two Tier Athletic Locker.....	538.29	38.39
			For >25 To 50, Deduct	-23.08	
			For >50 To 100, Deduct	-47.30	
			For >100, Deduct	-71.53	

10 Specialties**10 50 Storage Specialties****10 51 Lockers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

10 51 13 00-0123	EA	15" x 18" x 72"	Two Tier Athletic Locker	556.49	38.39
			<i>For >25 To 50, Deduct</i>	-23.99	
			<i>For >50 To 100, Deduct</i>	-49.12	
			<i>For >100, Deduct</i>	-74.26	
10 51 13 00-0124	EA	18" x 18" x 72"	Two Tier Athletic Locker	578.85	38.39
			<i>For >25 To 50, Deduct</i>	-25.10	
			<i>For >50 To 100, Deduct</i>	-51.36	
			<i>For >100, Deduct</i>	-77.62	
10 51 13 00-0125	EA	18" x 21" x 72"	Two Tier Athletic Locker	629.02	38.39
			<i>For >25 To 50, Deduct</i>	-27.61	
			<i>For >50 To 100, Deduct</i>	-56.38	
			<i>For >100, Deduct</i>	-85.14	

10 51 13 00-0126 Three Tier Athletic Locker (10 51 13 00-0095)

Note: Includes one double hook per tier.

10 51 13 00-0127	EA	12" x 12" x 60"	Three Tier Athletic Locker	519.89	39.55
			<i>For >25 To 50, Deduct</i>	-22.04	
			<i>For >50 To 100, Deduct</i>	-45.27	
			<i>For >100, Deduct</i>	-68.49	
10 51 13 00-0128	EA	12" x 15" x 60"	Three Tier Athletic Locker	545.60	39.55
			<i>For >25 To 50, Deduct</i>	-23.33	
			<i>For >50 To 100, Deduct</i>	-47.84	
			<i>For >100, Deduct</i>	-72.35	
10 51 13 00-0129	EA	12" x 18" x 60"	Three Tier Athletic Locker	568.32	39.55
			<i>For >25 To 50, Deduct</i>	-24.46	
			<i>For >50 To 100, Deduct</i>	-50.11	
			<i>For >100, Deduct</i>	-75.76	
10 51 13 00-0130	EA	15" x 15" x 60"	Three Tier Athletic Locker	583.76	39.55
			<i>For >25 To 50, Deduct</i>	-25.23	
			<i>For >50 To 100, Deduct</i>	-51.65	
			<i>For >100, Deduct</i>	-78.07	
10 51 13 00-0131	EA	15" x 18" x 60"	Three Tier Athletic Locker	609.46	39.55
			<i>For >25 To 50, Deduct</i>	-26.52	
			<i>For >50 To 100, Deduct</i>	-54.22	
			<i>For >100, Deduct</i>	-81.93	
10 51 13 00-0132	EA	12" x 12" x 72"	Three Tier Athletic Locker	549.18	39.55
			<i>For >25 To 50, Deduct</i>	-23.50	
			<i>For >50 To 100, Deduct</i>	-48.20	
			<i>For >100, Deduct</i>	-72.89	
10 51 13 00-0133	EA	12" x 15" x 72"	Three Tier Athletic Locker	572.39	39.55
			<i>For >25 To 50, Deduct</i>	-24.67	
			<i>For >50 To 100, Deduct</i>	-50.52	
			<i>For >100, Deduct</i>	-76.37	
10 51 13 00-0134	EA	12" x 18" x 72"	Three Tier Athletic Locker	604.43	39.55
			<i>For >25 To 50, Deduct</i>	-26.27	
			<i>For >50 To 100, Deduct</i>	-53.72	
			<i>For >100, Deduct</i>	-81.17	
10 51 13 00-0135	EA	15" x 15" x 72"	Three Tier Athletic Locker	620.82	39.55
			<i>For >25 To 50, Deduct</i>	-27.09	
			<i>For >50 To 100, Deduct</i>	-55.36	
			<i>For >100, Deduct</i>	-83.63	
10 51 13 00-0136	EA	15" x 18" x 72"	Three Tier Athletic Locker	645.42	39.55
			<i>For >25 To 50, Deduct</i>	-28.32	
			<i>For >50 To 100, Deduct</i>	-57.82	
			<i>For >100, Deduct</i>	-87.32	

10 51 13 00-0137 Four Tier Athletic Locker (10 51 13 00-0095)

10 51 13 00-0138	EA	12" x 12" x 60"	Four Tier Athletic Locker	478.38	40.71
			<i>For >25 To 50, Deduct</i>	-19.85	
			<i>For >50 To 100, Deduct</i>	-40.92	
			<i>For >100, Deduct</i>	-61.99	
10 51 13 00-0139	EA	12" x 15" x 60"	Four Tier Athletic Locker	509.87	40.71
			<i>For >25 To 50, Deduct</i>	-21.42	
			<i>For >50 To 100, Deduct</i>	-44.07	
			<i>For >100, Deduct</i>	-66.71	
10 51 13 00-0140	EA	12" x 18" x 60"	Four Tier Athletic Locker	541.35	40.71
			<i>For >25 To 50, Deduct</i>	-23.00	
			<i>For >50 To 100, Deduct</i>	-47.21	
			<i>For >100, Deduct</i>	-71.43	
10 51 13 00-0141	EA	15" x 15" x 60"	Four Tier Athletic Locker	554.22	40.71
			<i>For >25 To 50, Deduct</i>	-23.64	
			<i>For >50 To 100, Deduct</i>	-48.50	
			<i>For >100, Deduct</i>	-73.36	
10 51 13 00-0142	EA	15" x 18" x 60"	Four Tier Athletic Locker	605.93	40.71
			<i>For >25 To 50, Deduct</i>	-26.23	
			<i>For >50 To 100, Deduct</i>	-53.67	
			<i>For >100, Deduct</i>	-81.12	
10 51 13 00-0143	EA	12" x 12" x 72"	Four Tier Athletic Locker	510.42	40.71
			<i>For >25 To 50, Deduct</i>	-21.45	
			<i>For >50 To 100, Deduct</i>	-44.12	
			<i>For >100, Deduct</i>	-66.79	
10 51 13 00-0144	EA	12" x 15" x 72"	Four Tier Athletic Locker	542.35	40.71
			<i>For >25 To 50, Deduct</i>	-23.05	
			<i>For >50 To 100, Deduct</i>	-47.31	
			<i>For >100, Deduct</i>	-71.58	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0145	EA		12" x 18" x 72" Four Tier Athletic Locker	574.28	40.71
			<i>For >25 To 50, Deduct</i>	-24.64	
			<i>For >50 To 100, Deduct</i>	-50.51	
			<i>For >100, Deduct</i>	-76.37	
10 51 13 00-0146	EA		15" x 15" x 72" Four Tier Athletic Locker	590.64	40.71
			<i>For >25 To 50, Deduct</i>	-25.46	
			<i>For >50 To 100, Deduct</i>	-52.14	
			<i>For >100, Deduct</i>	-78.82	
10 51 13 00-0147	EA		15" x 18" x 72" Four Tier Athletic Locker	602.91	40.71
			<i>For >25 To 50, Deduct</i>	-26.07	
			<i>For >50 To 100, Deduct</i>	-53.37	
			<i>For >100, Deduct</i>	-80.66	
10 51 13 00-0148			Six Tier Athletic Locker <small>(10 51 13 00-0095)</small>		
10 51 13 00-0149	EA		12" x 12" x 72" Six Tier Athletic Locker.....	566.45	41.87
			<i>For >25 To 50, Deduct</i>	-24.14	
			<i>For >50 To 100, Deduct</i>	-49.53	
			<i>For >100, Deduct</i>	-74.92	
10 51 13 00-0150	EA		12" x 15" x 72" Six Tier Athletic Locker.....	590.98	41.87
			<i>For >25 To 50, Deduct</i>	-25.36	
			<i>For >50 To 100, Deduct</i>	-51.98	
			<i>For >100, Deduct</i>	-78.60	
10 51 13 00-0151	EA		12" x 18" x 72" Six Tier Athletic Locker.....	615.47	41.87
			<i>For >25 To 50, Deduct</i>	-26.59	
			<i>For >50 To 100, Deduct</i>	-54.43	
			<i>For >100, Deduct</i>	-82.27	
10 51 13 00-0152	EA		12" x 21" x 72" Six Tier Athletic Locker.....	704.84	41.87
			<i>For >25 To 50, Deduct</i>	-31.05	
			<i>For >50 To 100, Deduct</i>	-63.37	
			<i>For >100, Deduct</i>	-95.68	
10 51 13 00-0153			Metal Locker Accessories <small>(10 51 13)</small>		
10 51 13 00-0154			Locker Slope Tops <small>(10 51 13 00-0153)</small>		
10 51 13 00-0155			16 Gauge Continuous Sloping Hood <small>(10 51 13 00-0154)</small>		
10 51 13 00-0156	LF		12" Deep, 16 Gauge Continuous Slope Top.....	35.47	4.65
10 51 13 00-0157	LF		15" Deep, 16 Gauge Continuous Slope Top.....	29.88	4.65
10 51 13 00-0158	LF		18" Deep, 16 Gauge Continuous Slope Top.....	41.19	4.65
10 51 13 00-0159	LF		21" Deep, 16 Gauge Continuous Slope Top.....	45.53	4.65
10 51 13 00-0160	LF		24" Deep, 16 Gauge Continuous Slope Top.....	47.57	4.65
10 51 13 00-0161			16 Gauge Slope Top Corner Fillers <small>(10 51 13 00-0154)</small>		
10 51 13 00-0162	EA		12" Deep, 16 Gauge Slope Top Corner Fillers	147.63	4.65
10 51 13 00-0163	EA		15" Deep, 16 Gauge Slope Top Corner Fillers	150.80	4.65
10 51 13 00-0164	EA		18" Deep, 16 Gauge Slope Top Corner Fillers	153.95	4.65
10 51 13 00-0165	EA		21" Deep, 16 Gauge Slope Top Corner Fillers	157.78	4.65
10 51 13 00-0166	EA		24" Deep, 16 Gauge Slope Top Corner Fillers	161.56	4.65
10 51 13 00-0167			20 Gauge Individual Slope Top <small>(10 51 13 00-0154)</small>		
10 51 13 00-0168	EA		12" Wide x 12" Deep 20 Gauge Individual Slope Top.....	30.43	4.65
10 51 13 00-0169	EA		12" Wide x 15" Deep 20 Gauge Individual Slope Top.....	30.23	4.65
10 51 13 00-0170	EA		12" Wide x 18" Deep 20 Gauge Individual Slope Top.....	33.67	4.65
10 51 13 00-0171	EA		15" Wide x 15" Deep 20 Gauge Individual Slope Top.....	33.67	4.65
10 51 13 00-0172	EA		15" Wide x 18" Deep 20 Gauge Individual Slope Top.....	34.48	4.65
10 51 13 00-0173	EA		15" Wide x 21" Deep 20 Gauge Individual Slope Top.....	37.74	4.65
10 51 13 00-0174	EA		18" Wide x 18" Deep 20 Gauge Individual Slope Top.....	37.74	4.65
10 51 13 00-0175	EA		18" Wide x 21" Deep 20 Gauge Individual Slope Top.....	42.01	4.65
10 51 13 00-0176	EA		18" Wide x 24" Deep 20 Gauge Individual Slope Top.....	47.10	4.65
10 51 13 00-0177			Continuous Slope Top End Closures <small>(10 51 13 00-0154)</small>		
10 51 13 00-0178	PR		12" Deep, Continuous Slope Top End Closures.....	32.46	4.65
10 51 13 00-0179	PR		15" Deep, Continuous Slope Top End Closures.....	27.55	4.65
10 51 13 00-0180	PR		18" Deep, Continuous Slope Top End Closures.....	36.51	4.65
10 51 13 00-0181	PR		21" Deep, Continuous Slope Top End Closures.....	38.55	4.65
10 51 13 00-0182	PR		24" Deep, Continuous Slope Top End Closures.....	39.94	4.65
10 51 13 00-0183			Individual Slope Top End Closures <small>(10 51 13 00-0154)</small>		
10 51 13 00-0184	EA		12" Deep, Individual Slope Top End Closures.....	20.88	4.65
10 51 13 00-0185	EA		15" Deep, Individual Slope Top End Closures.....	21.52	4.65
10 51 13 00-0186	EA		18" Deep, Individual Slope Top End Closures.....	22.93	4.65
10 51 13 00-0187	EA		21" Deep, Individual Slope Top End Closures.....	23.91	4.65
10 51 13 00-0188	EA		24" Deep, Individual Slope Top End Closures.....	33.93	4.65
10 51 13 00-0189			Locker Base <small>(10 51 13 00-0153)</small>		
10 51 13 00-0190			Closed Front Base <small>(10 51 13 00-0189)</small>		
10 51 13 00-0191	EA		12" Wide, 6" High Closed Front Base	21.97	4.65
10 51 13 00-0192	EA		15" Wide, 6" High Closed Front Base	23.03	4.65

10 Specialties**10 50 Storage Specialties****10 51 Lockers**
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 TOTAL DIRECT DEMOLITION
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10 51 13 00-0193	EA	18" Wide, 6" High Closed Front Base	25.24	4.65
10 51 13 00-0194	EA	24" Wide, 6" High Closed Front Base	26.30	4.65
10 51 13 00-0195		Closed End Base (10 51 13 00-0189)		
10 51 13 00-0196	EA	12" Deep, 6" High Closed End Base	24.91	4.65
10 51 13 00-0197	EA	15" Deep, 6" High Closed End Base	25.10	4.65
10 51 13 00-0198	EA	18" Deep, 6" High Closed End Base	26.53	4.65
10 51 13 00-0199	EA	21" Deep, 6" High Closed End Base	27.94	4.65
10 51 13 00-0200	EA	24" Deep, 6" High Closed End Base	29.86	4.65
10 51 13 00-0201		Recessed Continuous Front "Z" Base (10 51 13 00-0189)		
10 51 13 00-0202	LF	4" High Recessed Continuous Front "Z" Base	26.24	3.49
10 51 13 00-0203		"Z" Base Ends Or Splice (10 51 13 00-0189)		
10 51 13 00-0204	EA	12" Wide, 4" High Z-Base Ends Or Splice	26.06	4.65
10 51 13 00-0205	EA	15" Wide, 4" High Z-Base Ends Or Splice	30.23	4.65
10 51 13 00-0206	EA	18" Wide, 4" High Z-Base Ends Or Splice	34.48	4.65
10 51 13 00-0207	EA	21" Wide, 4" High Z-Base Ends Or Splice	38.96	4.65
10 51 13 00-0208	EA	24" Wide, 4" High Z-Base Ends Or Splice	43.42	4.65
10 51 13 00-0209		Locker Front Fillers And End Panels (10 51 13 00-0153)		
10 51 13 00-0210		Locker Front Fillers (10 51 13 00-0209)		
10 51 13 00-0211	EA	6" Wide x 48" High, 16 Gauge Front Filler	33.96	5.82
10 51 13 00-0212	EA	12" Wide x 48" High, 16 Gauge Front Filler	55.27	5.82
10 51 13 00-0213	EA	6" Wide x 60" High, 16 Gauge Front Filler	42.71	5.82
10 51 13 00-0214	EA	12" Wide x 60" High, 16 Gauge Front Filler	66.19	5.82
10 51 13 00-0215	EA	6" Wide x 66" High, 16 Gauge Front Filler	46.54	5.82
10 51 13 00-0216	EA	12" Wide x 66" High, 16 Gauge Front Filler	52.35	5.82
10 51 13 00-0217	EA	6" Wide x 72" High, 16 Gauge Front Filler	50.98	5.82
10 51 13 00-0218	EA	12" Wide x 72" High, 16 Gauge Front Filler	72.53	5.82
10 51 13 00-0219	EA	6" Wide x 78" High, 16 Gauge Front Filler	52.20	5.82
10 51 13 00-0220	EA	12" Wide x 78" High, 16 Gauge Front Filler	60.91	5.82
10 51 13 00-0221		Locker End Panels (10 51 13 00-0209)		
10 51 13 00-0222	EA	12" Deep x 48" High, 16 Gauge End Panel	56.30	4.65
10 51 13 00-0223	EA	15" Deep x 48" High, 16 Gauge End Panel	68.84	4.65
10 51 13 00-0224	EA	18" Deep x 48" High, 16 Gauge End Panel	80.91	4.65
10 51 13 00-0225	EA	12" Deep x 60" High, 16 Gauge End Panel	66.57	4.65
10 51 13 00-0226	EA	15" Deep x 60" High, 16 Gauge End Panel	75.57	4.65
10 51 13 00-0227	EA	18" Deep x 60" High, 16 Gauge End Panel	89.72	4.65
10 51 13 00-0228	EA	12" Deep x 72" High, 16 Gauge End Panel	78.53	4.65
10 51 13 00-0229	EA	15" Deep x 72" High, 16 Gauge End Panel	89.47	4.65
10 51 13 00-0230	EA	18" Deep x 72" High, 16 Gauge End Panel	104.03	4.65
10 51 13 00-0231	EA	21" Deep x 72" High, 16 Gauge End Panel	119.84	4.65
10 51 13 00-0232		Locker Recessed Trim (10 51 13 00-0153)		
10 51 13 00-0233	LF	3" Height, Top Trim For Recessed Lockers	11.46	2.32
10 51 13 00-0234	EA	3" Height, Inside And Outside Top Corner Trim For Recessed Lockers	31.81	4.65
10 51 13 00-0235	EA	60" Height, 3" Wide Side Trim For Recessed Lockers	48.68	4.65
10 51 13 00-0236	EA	66" Height, 3" Wide Side Trim For Recessed Lockers	50.46	4.65
10 51 13 00-0237	EA	72" Height, 3" Wide Side Trim For Recessed Lockers	52.23	4.65
10 51 13 00-0238	EA	78" Height, 3" Wide Side Trim For Recessed Lockers	53.79	4.65
10 51 13 00-0239		Locker Interior Accessories (10 51 13 00-0153)		
10 51 13 00-0240		Locker Coat Rods (10 51 13 00-0239)		
10 51 13 00-0241	EA	12" Wide Coat Rod	16.97	4.65
10 51 13 00-0242	EA	15" Wide Coat Rod	18.62	4.65
10 51 13 00-0243	EA	18" Wide Coat Rod	20.09	4.65
10 51 13 00-0244	EA	24" Wide Coat Rod	21.39	4.65
10 51 13 00-0245		Locker Hat Shelf (10 51 13 00-0239)		
10 51 13 00-0246	EA	12" Wide Hat Shelf	20.46	4.65
10 51 13 00-0247	EA	15" Wide Hat Shelf	24.03	4.65
10 51 13 00-0248	EA	18" Wide Hat Shelf	25.55	4.65
10 51 13 00-0249	EA	24" Wide Hat Shelf	31.52	4.65
10 51 13 00-0250		Locker ADA Compliant Shelf (10 51 13 00-0239)		
10 51 13 00-0251	EA	ADA Compliant Shelf For Single Tier Lockers	40.63	5.82
		Note: Includes an ADA label for locker face.		
10 51 13 00-0252		Other Interior Locker Accessories (10 51 13 00-0239)		
10 51 13 00-0253	EA	3" x 10" Bent Plate Shoe Rack	53.93	4.65

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 51 13 00-0254	EA		8" x 10" Mirror.....	42.77	4.65
10 51 13 00-0255	EA		Additional Hook.....	12.10	4.65

10 51 13 00-0256 Locker Locks (10 51 13 00-0153)

10 51 13 00-0257	EA		Built In Combination Lock.....	46.94	4.65
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10 51 26 Plastic Lockers (10 51)

10 51 26 00-0001 Solid Plastic Lockers (10 51 26)

Note: Price per frame. High density polyethylene with homogeneous color throughout. Includes 1/2" door, 3/8" sides, tops, bottoms, rears and shelves. Excludes slope top, base, and locks.

10 51 26 00-0002 Single Tier Solid Plastic Lockers (10 51 26 00-0001)

Note: Includes one double hook per tier.

10 51 26 00-0003	EA		12" x 12" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	632.88	36.05
			For >50 To 100, Deduct	-56.08	
			For >100, Deduct	-86.28	
10 51 26 00-0004	EA		12" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	644.13	36.05
			For >50 To 100, Deduct	-57.20	
			For >100, Deduct	-87.97	
10 51 26 00-0005	EA		12" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	655.38	36.05
			For >50 To 100, Deduct	-58.33	
			For >100, Deduct	-89.65	
10 51 26 00-0006	EA		15" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	672.25	36.05
			For >50 To 100, Deduct	-60.01	
			For >100, Deduct	-92.18	
10 51 26 00-0007	EA		15" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	654.41	36.05
			For >50 To 100, Deduct	-58.23	
			For >100, Deduct	-89.51	
10 51 26 00-0008	EA		18" x 12" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	659.14	36.05
			For >50 To 100, Deduct	-58.70	
			For >100, Deduct	-90.22	
10 51 26 00-0009	EA		18" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	650.82	36.05
			For >50 To 100, Deduct	-57.87	
			For >100, Deduct	-88.97	
10 51 26 00-0010	EA		18" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	697.27	36.05
			For >50 To 100, Deduct	-62.52	
			For >100, Deduct	-95.94	
10 51 26 00-0011	EA		12" x 12" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	686.55	36.05
			For >50 To 100, Deduct	-61.44	
			For >100, Deduct	-94.33	
10 51 26 00-0012	EA		12" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	699.05	36.05
			For >50 To 100, Deduct	-62.69	
			For >100, Deduct	-96.20	
10 51 26 00-0013	EA		12" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	711.55	36.05
			For >50 To 100, Deduct	-63.94	
			For >100, Deduct	-98.08	
10 51 26 00-0014	EA		15" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	740.14	36.05
			For >50 To 100, Deduct	-66.80	
			For >100, Deduct	-102.37	
10 51 26 00-0015	EA		15" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	779.44	36.05
			For >50 To 100, Deduct	-70.73	
			For >100, Deduct	-108.26	
10 51 26 00-0016	EA		18" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	743.70	36.05
			For >50 To 100, Deduct	-67.16	
			For >100, Deduct	-102.90	
10 51 26 00-0017	EA		18" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	808.00	36.05
			For >50 To 100, Deduct	-73.59	
			For >100, Deduct	-112.55	
10 51 26 00-0018	EA		12" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	691.53	36.05
			For >50 To 100, Deduct	-61.94	
			For >100, Deduct	-95.08	
10 51 26 00-0019	EA		12" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	728.17	36.05
			For >50 To 100, Deduct	-65.61	
			For >100, Deduct	-100.57	
10 51 26 00-0020	EA		12" x 18" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	764.84	36.05
			For >50 To 100, Deduct	-69.27	
			For >100, Deduct	-106.07	
10 51 26 00-0021	EA		15" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	737.99	36.05
			For >50 To 100, Deduct	-66.59	
			For >100, Deduct	-102.04	
10 51 26 00-0022	EA		15" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	776.82	36.05
			For >50 To 100, Deduct	-70.47	
			For >100, Deduct	-107.87	
10 51 26 00-0023	EA		15" x 18" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	815.69	36.05
			For >50 To 100, Deduct	-74.36	
			For >100, Deduct	-113.70	
10 51 26 00-0024	EA		18" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	784.44	36.05
			For >50 To 100, Deduct	-71.23	
			For >100, Deduct	-109.01	
10 51 26 00-0025	EA		18" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	825.50	36.05
			For >50 To 100, Deduct	-75.34	
			For >100, Deduct	-115.17	
10 51 26 00-0026	EA		12" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	791.18	37.22
			For >50 To 100, Deduct	-71.67	
			For >100, Deduct	-109.74	

10 Specialties

10 50 Storage Specialties

10 51 Lockers

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0027	EA		12" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	832.26	37.22
			<i>For >50 To 100, Deduct</i>	-75.78	
			<i>For >100, Deduct</i>	-115.91	
10 51 26 00-0028	EA		12" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	873.29	37.22
			<i>For >50 To 100, Deduct</i>	-79.89	
			<i>For >100, Deduct</i>	-122.06	
10 51 26 00-0029	EA		15" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	844.49	37.22
			<i>For >50 To 100, Deduct</i>	-77.01	
			<i>For >100, Deduct</i>	-117.74	
10 51 26 00-0030	EA		15" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	887.82	37.22
			<i>For >50 To 100, Deduct</i>	-81.34	
			<i>For >100, Deduct</i>	-124.24	
10 51 26 00-0031	EA		15" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	931.10	37.22
			<i>For >50 To 100, Deduct</i>	-85.67	
			<i>For >100, Deduct</i>	-130.73	
10 51 26 00-0032	EA		18" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	886.99	37.22
			<i>For >50 To 100, Deduct</i>	-81.26	
			<i>For >100, Deduct</i>	-124.12	
10 51 26 00-0033	EA		18" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	943.33	37.22
			<i>For >50 To 100, Deduct</i>	-86.89	
			<i>For >100, Deduct</i>	-132.57	
10 51 26 00-0034	EA		18" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	988.83	37.22
			<i>For >50 To 100, Deduct</i>	-91.44	
			<i>For >100, Deduct</i>	-139.39	
10 51 26 00-0035	Double Tier Solid Plastic Lockers (10 51 26 00-0001)				
	Note: Includes one double hook per tier.				
10 51 26 00-0036	EA		12" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	710.31	37.22
			<i>For >50 To 100, Deduct</i>	-63.59	
			<i>For >100, Deduct</i>	-97.61	
10 51 26 00-0037	EA		12" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	721.02	37.22
			<i>For >50 To 100, Deduct</i>	-64.66	
			<i>For >100, Deduct</i>	-99.22	
10 51 26 00-0038	EA		12" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	737.08	37.22
			<i>For >50 To 100, Deduct</i>	-66.26	
			<i>For >100, Deduct</i>	-101.63	
10 51 26 00-0039	EA		15" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	731.74	37.22
			<i>For >50 To 100, Deduct</i>	-65.73	
			<i>For >100, Deduct</i>	-100.83	
10 51 26 00-0040	EA		15" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	760.32	37.22
			<i>For >50 To 100, Deduct</i>	-68.59	
			<i>For >100, Deduct</i>	-105.12	
10 51 26 00-0041	EA		15" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	828.18	37.22
			<i>For >50 To 100, Deduct</i>	-75.37	
			<i>For >100, Deduct</i>	-115.29	
10 51 26 00-0042	EA		18" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	738.89	37.22
			<i>For >50 To 100, Deduct</i>	-66.45	
			<i>For >100, Deduct</i>	-101.90	
10 51 26 00-0043	EA		18" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	773.46	37.22
			<i>For >50 To 100, Deduct</i>	-69.90	
			<i>For >100, Deduct</i>	-107.09	
10 51 26 00-0044	EA		18" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	835.34	37.22
			<i>For >50 To 100, Deduct</i>	-76.09	
			<i>For >100, Deduct</i>	-116.37	
10 51 26 00-0045	EA		12" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	734.89	37.22
			<i>For >50 To 100, Deduct</i>	-66.05	
			<i>For >100, Deduct</i>	-101.30	
10 51 26 00-0046	EA		12" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	790.84	37.22
			<i>For >50 To 100, Deduct</i>	-71.64	
			<i>For >100, Deduct</i>	-109.69	
10 51 26 00-0047	EA		12" x 18" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	806.83	37.22
			<i>For >50 To 100, Deduct</i>	-73.24	
			<i>For >100, Deduct</i>	-112.09	
10 51 26 00-0048	EA		15" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	800.19	37.22
			<i>For >50 To 100, Deduct</i>	-72.58	
			<i>For >100, Deduct</i>	-111.10	
10 51 26 00-0049	EA		15" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	837.26	37.22
			<i>For >50 To 100, Deduct</i>	-76.28	
			<i>For >100, Deduct</i>	-116.66	
10 51 26 00-0050	EA		18" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	844.51	37.22
			<i>For >50 To 100, Deduct</i>	-77.01	
			<i>For >100, Deduct</i>	-117.74	
10 51 26 00-0051	EA		18" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	883.72	37.22
			<i>For >50 To 100, Deduct</i>	-80.93	
			<i>For >100, Deduct</i>	-123.63	
10 51 26 00-0052	EA		18" x 18" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	922.92	37.22
			<i>For >50 To 100, Deduct</i>	-84.85	
			<i>For >100, Deduct</i>	-129.51	
10 51 26 00-0053	EA		12" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	851.07	38.39
			<i>For >50 To 100, Deduct</i>	-77.43	
			<i>For >100, Deduct</i>	-118.45	
10 51 26 00-0054	EA		12" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	890.27	38.39
			<i>For >50 To 100, Deduct</i>	-81.35	
			<i>For >100, Deduct</i>	-124.33	
10 51 26 00-0055	EA		12" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	910.70	38.39
			<i>For >50 To 100, Deduct</i>	-83.39	
			<i>For >100, Deduct</i>	-127.39	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 51 26 00-0056	EA		15" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	901.96	38.39
			For >50 To 100, Deduct	-82.52	
			For >100, Deduct	-126.08	
10 51 26 00-0057	EA		15" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	943.31	38.39
			For >50 To 100, Deduct	-86.65	
			For >100, Deduct	-132.28	
10 51 26 00-0058	EA		15" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	984.64	38.39
			For >50 To 100, Deduct	-90.79	
			For >100, Deduct	-138.48	
10 51 26 00-0059	EA		18" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	909.36	38.39
			For >50 To 100, Deduct	-83.26	
			For >100, Deduct	-127.19	
10 51 26 00-0060	EA		18" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	996.31	38.39
			For >50 To 100, Deduct	-91.95	
			For >100, Deduct	-140.23	
10 51 26 00-0061	EA		18" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	1,039.74	38.39
			For >50 To 100, Deduct	-96.30	
			For >100, Deduct	-146.75	

10 51 26 00-0062 Triple Tier Solid Plastic Lockers (10 51 26 00-0001)

Note: Includes one double hook per tier.

10 51 26 00-0063	EA		12" x 12" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	699.24	38.39
			For >50 To 100, Deduct	-62.25	
			For >100, Deduct	-95.67	
10 51 26 00-0064	EA		15" x 15" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	728.65	38.39
			For >50 To 100, Deduct	-65.19	
			For >100, Deduct	-100.09	
10 51 26 00-0065	EA		15" x 18" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	755.62	38.39
			For >50 To 100, Deduct	-67.89	
			For >100, Deduct	-104.13	
10 51 26 00-0066	EA		12" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	760.85	38.39
			For >50 To 100, Deduct	-68.41	
			For >100, Deduct	-104.92	
10 51 26 00-0067	EA		12" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	823.70	38.39
			For >50 To 100, Deduct	-74.69	
			For >100, Deduct	-114.34	
10 51 26 00-0068	EA		12" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	824.00	38.39
			For >50 To 100, Deduct	-74.72	
			For >100, Deduct	-114.39	
10 51 26 00-0069	EA		15" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	858.29	38.39
			For >50 To 100, Deduct	-78.15	
			For >100, Deduct	-119.53	
10 51 26 00-0070	EA		15" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	892.74	38.39
			For >50 To 100, Deduct	-81.60	
			For >100, Deduct	-124.70	
10 51 26 00-0071	EA		15" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	927.16	38.39
			For >50 To 100, Deduct	-85.04	
			For >100, Deduct	-129.86	
10 51 26 00-0072	EA		18" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	899.47	38.39
			For >50 To 100, Deduct	-82.27	
			For >100, Deduct	-125.71	
10 51 26 00-0073	EA		18" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	935.87	38.39
			For >50 To 100, Deduct	-85.91	
			For >100, Deduct	-131.17	
10 51 26 00-0074	EA		18" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	972.27	38.39
			For >50 To 100, Deduct	-89.55	
			For >100, Deduct	-136.63	
10 51 26 00-0075	EA		12" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	905.70	39.55
			For >50 To 100, Deduct	-82.66	
			For >100, Deduct	-126.36	
10 51 26 00-0076	EA		12" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	942.12	39.55
			For >50 To 100, Deduct	-86.30	
			For >100, Deduct	-131.83	
10 51 26 00-0077	EA		12" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	967.68	39.55
			For >50 To 100, Deduct	-88.86	
			For >100, Deduct	-135.66	
10 51 26 00-0078	EA		15" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	952.96	39.55
			For >50 To 100, Deduct	-87.39	
			For >100, Deduct	-133.45	
10 51 26 00-0079	EA		15" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	964.50	39.55
			For >50 To 100, Deduct	-88.54	
			For >100, Deduct	-135.18	
10 51 26 00-0080	EA		15" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	1,006.10	39.55
			For >50 To 100, Deduct	-92.70	
			For >100, Deduct	-141.42	
10 51 26 00-0081	EA		18" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	936.43	39.55
			For >50 To 100, Deduct	-85.73	
			For >100, Deduct	-130.97	
10 51 26 00-0082	EA		18" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	1,021.01	39.55
			For >50 To 100, Deduct	-94.19	
			For >100, Deduct	-143.66	
10 51 26 00-0083	EA		18" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	1,080.89	39.55
			For >50 To 100, Deduct	-100.18	
			For >100, Deduct	-152.64	

10 51 26 00-0084 Four Tier Solid Plastic Lockers (10 51 26 00-0001)

10 Specialties**10 50 Storage Specialties****10 51 Lockers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

10 51 26 00-0085	EA	12" x 12" x 60"	Four Tier Solid Plastic Locker (Tufftec Lockers®)	813.18	39.55
			<i>For >50 To 100, Deduct</i>	-73.41	
			<i>For >100, Deduct</i>	-112.49	
10 51 26 00-0086	EA	12" x 15" x 60"	Four Tier Solid Plastic Locker (Tufftec Lockers®)	837.06	39.55
			<i>For >50 To 100, Deduct</i>	-75.80	
			<i>For >100, Deduct</i>	-116.07	
10 51 26 00-0087	EA	12" x 18" x 60"	Four Tier Solid Plastic Locker (Tufftec Lockers®)	881.07	39.55
			<i>For >50 To 100, Deduct</i>	-80.20	
			<i>For >100, Deduct</i>	-122.67	
10 51 26 00-0088	EA	15" x 12" x 60"	Four Tier Solid Plastic Locker (Tufftec Lockers®)	875.70	39.55
			<i>For >50 To 100, Deduct</i>	-79.66	
			<i>For >100, Deduct</i>	-121.86	
10 51 26 00-0089	EA	15" x 15" x 60"	Four Tier Solid Plastic Locker (Tufftec Lockers®)	932.72	39.55
			<i>For >50 To 100, Deduct</i>	-85.36	
			<i>For >100, Deduct</i>	-130.42	
10 51 26 00-0090	EA	15" x 18" x 60"	Four Tier Solid Plastic Locker (Tufftec Lockers®)	950.71	39.55
			<i>For >50 To 100, Deduct</i>	-87.16	
			<i>For >100, Deduct</i>	-133.12	
10 51 26 00-0091	EA	18" x 12" x 60"	Four Tier Solid Plastic Locker (Tufftec Lockers®)	941.78	39.55
			<i>For >50 To 100, Deduct</i>	-86.27	
			<i>For >100, Deduct</i>	-131.78	
10 51 26 00-0092	EA	18" x 15" x 60"	Four Tier Solid Plastic Locker (Tufftec Lockers®)	972.14	39.55
			<i>For >50 To 100, Deduct</i>	-89.31	
			<i>For >100, Deduct</i>	-136.33	
10 51 26 00-0093	EA	18" x 18" x 60"	Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,059.68	39.55
			<i>For >50 To 100, Deduct</i>	-98.06	
			<i>For >100, Deduct</i>	-149.46	
10 51 26 00-0094	EA	12" x 12" x 72"	Four Tier Solid Plastic Locker (Tufftec Lockers®)	936.88	40.71
			<i>For >50 To 100, Deduct</i>	-85.55	
			<i>For >100, Deduct</i>	-130.76	
10 51 26 00-0095	EA	12" x 15" x 72"	Four Tier Solid Plastic Locker (Tufftec Lockers®)	979.21	40.71
			<i>For >50 To 100, Deduct</i>	-89.78	
			<i>For >100, Deduct</i>	-137.11	
10 51 26 00-0096	EA	12" x 18" x 72"	Four Tier Solid Plastic Locker (Tufftec Lockers®)	984.73	40.71
			<i>For >50 To 100, Deduct</i>	-90.33	
			<i>For >100, Deduct</i>	-137.94	
10 51 26 00-0097	EA	15" x 12" x 72"	Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,038.06	40.71
			<i>For >50 To 100, Deduct</i>	-95.66	
			<i>For >100, Deduct</i>	-145.94	
10 51 26 00-0098	EA	15" x 15" x 72"	Four Tier Solid Plastic Locker (Tufftec Lockers®)	988.71	40.71
			<i>For >50 To 100, Deduct</i>	-90.73	
			<i>For >100, Deduct</i>	-138.54	
10 51 26 00-0099	EA	15" x 18" x 72"	Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,033.43	40.71
			<i>For >50 To 100, Deduct</i>	-95.20	
			<i>For >100, Deduct</i>	-145.24	
10 51 26 00-0100	EA	18" x 12" x 72"	Four Tier Solid Plastic Locker (Tufftec Lockers®)	987.00	40.71
			<i>For >50 To 100, Deduct</i>	-90.56	
			<i>For >100, Deduct</i>	-138.28	
10 51 26 00-0101	EA	18" x 15" x 72"	Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,040.58	40.71
			<i>For >50 To 100, Deduct</i>	-95.92	
			<i>For >100, Deduct</i>	-146.32	
10 51 26 00-0102	EA	18" x 18" x 72"	Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,120.86	40.71
			<i>For >50 To 100, Deduct</i>	-103.94	
			<i>For >100, Deduct</i>	-158.36	

10 51 26 00-0103 Five Tier Solid Plastic Lockers (10 51 26 00-0001)

10 51 26 00-0104	EA	12" x 12" x 60"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	884.80	40.13
			<i>For >50 To 100, Deduct</i>	-80.45	
			<i>For >100, Deduct</i>	-123.09	
10 51 26 00-0105	EA	12" x 15" x 60"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	914.36	40.13
			<i>For >50 To 100, Deduct</i>	-83.41	
			<i>For >100, Deduct</i>	-127.52	
10 51 26 00-0106	EA	12" x 18" x 60"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	943.92	40.13
			<i>For >50 To 100, Deduct</i>	-86.37	
			<i>For >100, Deduct</i>	-131.96	
10 51 26 00-0107	EA	15" x 12" x 60"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	925.10	40.13
			<i>For >50 To 100, Deduct</i>	-84.48	
			<i>For >100, Deduct</i>	-129.13	
10 51 26 00-0108	EA	15" x 15" x 60"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	978.05	40.13
			<i>For >50 To 100, Deduct</i>	-89.78	
			<i>For >100, Deduct</i>	-137.08	
10 51 26 00-0109	EA	15" x 18" x 60"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,003.68	40.13
			<i>For >50 To 100, Deduct</i>	-92.34	
			<i>For >100, Deduct</i>	-140.92	
10 51 26 00-0110	EA	18" x 12" x 60"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	994.75	40.13
			<i>For >50 To 100, Deduct</i>	-91.45	
			<i>For >100, Deduct</i>	-139.58	
10 51 26 00-0111	EA	18" x 15" x 60"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,023.33	40.13
			<i>For >50 To 100, Deduct</i>	-94.31	
			<i>For >100, Deduct</i>	-143.87	
10 51 26 00-0112	EA	18" x 18" x 60"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,116.21	40.13
			<i>For >50 To 100, Deduct</i>	-103.60	
			<i>For >100, Deduct</i>	-157.80	
10 51 26 00-0113	EA	12" x 12" x 72"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	965.63	41.30
			<i>For >50 To 100, Deduct</i>	-88.31	
			<i>For >100, Deduct</i>	-134.93	
10 51 26 00-0114	EA	12" x 15" x 72"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	998.78	41.30
			<i>For >50 To 100, Deduct</i>	-91.62	
			<i>For >100, Deduct</i>	-139.91	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0115	EA			12" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	1,031.90	41.30
				For >50 To 100, Deduct	-94.93	
				For >100, Deduct	-144.88	
10 51 26 00-0116	EA			15" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	1,020.31	41.30
				For >50 To 100, Deduct	-93.77	
				For >100, Deduct	-143.14	
10 51 26 00-0117	EA			15" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	1,043.62	41.30
				For >50 To 100, Deduct	-96.10	
				For >100, Deduct	-146.63	
10 51 26 00-0118	EA			15" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	1,078.52	41.30
				For >50 To 100, Deduct	-99.59	
				For >100, Deduct	-151.87	
10 51 26 00-0119	EA			18" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	1,051.70	41.30
				For >50 To 100, Deduct	-96.91	
				For >100, Deduct	-147.85	
10 51 26 00-0120	EA			18" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	1,091.73	41.30
				For >50 To 100, Deduct	-100.92	
				For >100, Deduct	-153.85	
10 51 26 00-0121	EA			18" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	1,138.18	41.30
				For >50 To 100, Deduct	-105.56	
				For >100, Deduct	-160.82	
10 51 26 00-0122				Six Tier Solid Plastic Lockers (10 51 26 00-0001)		
10 51 26 00-0123	EA			15" x 12" x 60" Six Tier Solid Plastic Locker (Tufftec Lockers®).....	1,021.05	40.71
				For >50 To 100, Deduct	-93.96	
				For >100, Deduct	-143.39	
10 51 26 00-0124	EA			12" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®).....	1,001.78	41.87
				For >50 To 100, Deduct	-91.80	
				For >100, Deduct	-140.22	
10 51 26 00-0125	EA			12" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®).....	1,034.88	41.87
				For >50 To 100, Deduct	-95.11	
				For >100, Deduct	-145.18	
10 51 26 00-0126	EA			12" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®).....	1,056.97	41.87
				For >50 To 100, Deduct	-97.32	
				For >100, Deduct	-148.50	
10 51 26 00-0127	EA			15" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®).....	1,101.10	41.87
				For >50 To 100, Deduct	-101.74	
				For >100, Deduct	-155.12	
10 51 26 00-0128	EA			15" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®).....	1,113.99	41.87
				For >50 To 100, Deduct	-103.02	
				For >100, Deduct	-157.05	
10 51 26 00-0129	EA			15" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®).....	1,123.19	41.87
				For >50 To 100, Deduct	-103.94	
				For >100, Deduct	-158.43	
10 51 26 00-0130	EA			18" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®).....	1,126.86	41.87
				For >50 To 100, Deduct	-104.31	
				For >100, Deduct	-158.98	
10 51 26 00-0131	EA			18" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®).....	1,167.33	41.87
				For >50 To 100, Deduct	-108.36	
				For >100, Deduct	-165.05	
10 51 26 00-0132	EA			18" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®).....	1,220.69	41.87
				For >50 To 100, Deduct	-113.69	
				For >100, Deduct	-173.05	
10 51 26 00-0133				Solid Plastic Locker Accessories (10 51 26 00-0001)		
10 51 26 00-0134				Slope Tops For Solid Plastic Lockers (10 51 26 00-0133)		
				Note: Price per frame.		
10 51 26 00-0135	EA			Slope Top For Solid Plastic Lockers (Tufftec Lockers®).....	47.54	
10 51 26 00-0136				Recessed Bases For Solid Plastic Lockers (10 51 26 00-0133)		
				Note: Price per frame.		
10 51 26 00-0137	EA			Recessed Base For Solid Plastic Lockers (Tufftec Lockers®).....	52.30	
10 51 26 00-0138				End Panels For Solid Plastic Lockers (10 51 26 00-0133)		
				Note: Price per frame.		
10 51 26 00-0139	EA			End Panel For Solid Plastic Lockers (Tufftec Lockers®).....	121.57	
10 51 26 00-0140				Venting Options For Solid Plastic Locker Doors (10 51 26 00-0133)		
				Note: Price per frame.		
10 51 26 00-0141	EA			Horizontal Venting Option For Solid Plastic Locker Doors.....	47.77	
10 51 26 00-0142				Filler Panels For Solid Plastic Lockers (10 51 26 00-0133)		
10 51 26 00-0143	EA			Up To 6" Width, Filler Panel For Solid Plastic Lockers (Tufftec Lockers®).....	124.62	
				Note: Full locker height. Width and height cut to size in the field.		
10 51 26 00-0144				Locker Accessories For Solid Plastic Lockers (10 51 26 00-0133)		
10 51 26 00-0145	EA			Built In Hasp For Solid Plastic Lockers.....	11.94	
				Note: For removable padlocks. Excludes padlock.		
10 51 26 00-0146	EA			Built In Combination Lock For Solid Plastic Lockers.....	35.83	
10 51 26 00-0147	EA			Built In Key Lock For Solid Plastic Lockers.....	47.77	

10	10 Specialties
	10 50 Storage Specialties
	10 51 Lockers



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 51 53 Locker Room Benches (10 51)

10 51 53 00-0001	LF	9-1/2"	Wide Top, 17" To 19" Height, Hardwood Bench With Aluminum Pedestals.....	120.31	5.82
10 51 53 00-0002	LF	9-1/2"	Wide Top, 17" To 19" Height, Hardwood Bench With Painted Steel Pedestals.....	95.68	5.82
10 51 53 00-0003	LF	9-1/2"	Wide Top, 17" To 19" Height, Plastic Laminated Bench With Steel Pedestals.....	147.07	5.82
10 51 53 00-0004	LF	9-1/2"	Wide Top, 17" To 19" Height, Solid Plastic Bench With Steel Pedestals.....	140.47	5.82
10 51 53 00-0005	LF	9-1/2"	Wide Top, 17" To 19" Height, Aluminum Bench With Aluminum Pedestals.....	108.74	5.82

10 56 Storage Assemblies (10 50)

10 56 13 Metal Storage Shelving (10 56)

10 56 13 16 Post-And-Shelf Metal Storage Shelving (10 56 13)

10 56 13 16-0001 Baked Enamel Steel Shelving (10 56 13 16)

10 56 13 16-0002 7 Shelf Unit, 72" Or 87" High, Full Unit, Open Type (10 56 13 16-0001)

10 56 13 16-0003	LF	75"	High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 10" Wide Shelf.....	164.12	20.91
			<i>For >75" To 87" High, Add</i>	14.56	
10 56 13 16-0004	LF	75"	High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 12" Wide Shelf.....	164.01	21.96
			<i>For >75" To 87" High, Add</i>	14.44	
10 56 13 16-0005	LF	75"	High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 15" Wide Shelf.....	156.62	24.05
			<i>For >75" To 87" High, Add</i>	13.54	
10 56 13 16-0006	LF	75"	High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 18" Wide Shelf.....	200.87	26.14
			<i>For >75" To 87" High, Add</i>	17.82	
10 56 13 16-0007	LF	75"	High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 24" Wide Shelf.....	225.68	27.18
			<i>For >75" To 87" High, Add</i>	20.15	
10 56 13 16-0008	LF	75"	High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 30" Wide Shelf.....	216.57	29.28
			<i>For >75" To 87" High, Add</i>	19.09	
10 56 13 16-0009	LF	75"	High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 36" Wide Shelf.....	241.13	31.36
			<i>For >75" To 87" High, Add</i>	21.39	

10 56 13 16-0010 3 Shelf Unit, 32" High Base Unit Only, Fully Enclosed (10 56 13 16-0001)

Note: Adjustable shelves.

10 56 13 16-0011	LF	32"	High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 10" Wide Shelf.....	120.00	10.66
10 56 13 16-0012	LF	32"	High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 12" Wide Shelf.....	118.38	11.40
10 56 13 16-0013	LF	32"	High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 15" Wide Shelf.....	133.25	12.12
10 56 13 16-0014	LF	32"	High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 18" Wide Shelf.....	138.49	12.86
10 56 13 16-0015	LF	32"	High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 24" Wide Shelf.....	159.94	13.70

10 56 13 16-0016 4 Shelf Unit, 40" High Unit (10 56 13 16-0001)

10 56 13 16-0017	LF	40"	High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 10" Wide Shelf.....	138.09	20.91
10 56 13 16-0018	LF	40"	High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 12" Wide Shelf.....	110.63	21.96
10 56 13 16-0019	LF	40"	High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 15" Wide Shelf.....	127.29	24.05
10 56 13 16-0020	LF	40"	High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 18" Wide Shelf.....	134.07	26.14
10 56 13 16-0021	LF	40"	High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 24" Wide Shelf.....	153.79	27.18

10 56 16 Fabricated Wood Storage Shelving (10 56)

10 56 16 00-0001 Shelving (10 56 16)

10 56 16 00-0002 Built-In Wood Shelving (10 56 16 00-0001)

Note: Priced by shelf area. Includes hardware and trim.

10 56 16 00-0003	SF		Built-in Wood Storage Shelving Post And Trimmed Plywood.....	22.95	2.93
			<i>For Each SF Of Lumber Edge Band, Add</i>	0.69	
			<i>For Each SF Of Prefinished Shelves, Add</i>	2.32	
10 56 16 00-0004	SF		Built-in Wood Storage Shelving Post And Solid Clear Pine.....	24.74	3.52
			<i>For Each SF Of Lumber Edge Band, Add</i>	0.69	
			<i>For Each SF Of Prefinished Shelves, Add</i>	2.32	
10 56 16 00-0005	SF		Built-in Wood Storage Shelving Closet Shelf Of Pine With Rod.....	25.07	5.87
			<i>For Each SF Of Lumber Edge Band, Add</i>	0.69	
			<i>For Each SF Of Prefinished Shelves, Add</i>	2.32	

10 56 16 00-0006 Wood Shelving, White Pine, Clear Grade, Wall Mounted (10 56 16 00-0001)

10 56 16 00-0007	LF	1" x 8"	White Pine Clear Grade Wood Shelving.....	18.98	7.04
10 56 16 00-0008	LF	1" x 10"	White Pine Clear Grade Wood Shelving.....	20.87	7.51
10 56 16 00-0009	LF	1" x 12"	White Pine Clear Grade Wood Shelving.....	22.99	8.10
10 56 16 00-0010	SF		Wood Shelving, 2" White Pine Clear Grade.....	30.09	

10 56 16 00-0011 Plywood Shelf With Edge Band (10 56 16 00-0001)

10 56 16 00-0012	LF	12"	Wide, 3/4" Plywood Shelf With Edge Band.....	23.38	7.04
10 56 16 00-0013	LF	24"	Wide, 3/4" Plywood Shelf With Edge Band.....	36.69	8.80

10 56 16 00-0014 Adjustable Shelf And Rod (10 56 16 00-0001)

10 56 16 00-0015	EA	12"	Wide Adjustable Shelf, 3' To 6' Long.....	211.50	26.39
			Note: Including Rod		
10 56 16 00-0016	EA	12"	Wide Adjustable Shelf, 5' To 8' Long.....	249.02	35.19
			Note: Including Rod		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 56 16 00-0017			Prefinished Wood Shelves With Brackets And Supports (10 56 16 00-0001)		
10 56 16 00-0018	LF		Prefinished Wood Shelves, 8" Wide, With Brackets And Supports.....	20.15	7.04
10 56 16 00-0019	LF		Prefinished Wood Shelves, 10" Wide, With Brackets And Supports.....	21.93	7.51
10 56 16 00-0020	SF		Adjustable 3/4" Plastic Laminated Wood Shelves, Recessed Metal Standards.....	70.52	11.73

10 56 16 00-0021			Wood Shelving, Oak, Clear Grade, Wall Mounted (10 56 16 00-0001)		
10 56 16 00-0022	LF		Wood Shelving, 1" X 8" Oak Clear Grade.....	22.88	11.03

10 56 17 Wall-Mounted Standards and Shelving (10 56)

10 56 17 00-0001			Galvanized Steel, Wall Mounted Solid Shelving (10 56 17)		
Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.					
10 56 17 00-0002	LF		8" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving.....	86.97	11.63
			For Installation On Concrete Walls, Add	2.37	
			For Installation On Concrete Block Walls, Add	3.19	
10 56 17 00-0003	LF		10" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving.....	90.05	11.63
			For Installation On Concrete Walls, Add	2.37	
			For Installation On Concrete Block Walls, Add	3.19	
10 56 17 00-0004	LF		12" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving.....	97.18	11.63
			For Installation On Concrete Walls, Add	2.37	
			For Installation On Concrete Block Walls, Add	3.19	
10 56 17 00-0005	LF		16" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving.....	106.39	11.63
			For Installation On Concrete Walls, Add	2.37	
			For Installation On Concrete Block Walls, Add	3.19	
10 56 17 00-0006	LF		18" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving.....	108.67	11.63
			For Installation On Concrete Walls, Add	2.37	
			For Installation On Concrete Block Walls, Add	3.19	
10 56 17 00-0007	LF		24" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving.....	128.41	11.63
			For Installation On Concrete Walls, Add	2.37	
			For Installation On Concrete Block Walls, Add	3.19	

10 56 17 00-0008			304 Stainless Steel, Wall Mounted Solid Shelving (10 56 17)		
Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.					
10 56 17 00-0009	LF		8" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving.....	142.93	11.63
			For Installation On Concrete Walls, Add	2.37	
			For Installation On Concrete Block Walls, Add	3.19	
10 56 17 00-0010	LF		10" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving.....	156.90	11.63
			For Installation On Concrete Walls, Add	2.37	
			For Installation On Concrete Block Walls, Add	3.19	
10 56 17 00-0011	LF		12" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving.....	170.93	11.63
			For Installation On Concrete Walls, Add	2.37	
			For Installation On Concrete Block Walls, Add	3.19	
10 56 17 00-0012	LF		16" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving.....	203.19	11.63
			For Installation On Concrete Walls, Add	2.37	
			For Installation On Concrete Block Walls, Add	3.19	
10 56 17 00-0013	LF		18" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving.....	222.29	11.63
			For Installation On Concrete Walls, Add	2.37	
			For Installation On Concrete Block Walls, Add	3.19	
10 56 17 00-0014	LF		24" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving.....	249.87	11.63
			For Installation On Concrete Walls, Add	2.37	
			For Installation On Concrete Block Walls, Add	3.19	

10 56 17 00-0015			Laminated Particleboard, Wall Mounted Solid Shelving (10 56 17)		
Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.					
10 56 17 00-0016	LF		8" Depth, Laminated Particleboard, Wall Mounted Solid Shelving.....	57.92	11.63
			For Installation On Concrete Walls, Add	2.37	
			For Installation On Concrete Block Walls, Add	3.19	
10 56 17 00-0017	LF		10" Depth, Laminated Particleboard, Wall Mounted Solid Shelving.....	60.00	11.63
			For Installation On Concrete Walls, Add	2.37	
			For Installation On Concrete Block Walls, Add	3.19	
10 56 17 00-0018	LF		12" Depth, Laminated Particleboard, Wall Mounted Solid Shelving.....	62.52	11.63
			For Installation On Concrete Walls, Add	2.37	
			For Installation On Concrete Block Walls, Add	3.19	
10 56 17 00-0019	LF		16" Depth, Laminated Particleboard, Wall Mounted Solid Shelving.....	66.17	11.63
			For Installation On Concrete Walls, Add	2.37	
			For Installation On Concrete Block Walls, Add	3.19	
10 56 17 00-0020	LF		18" Depth, Laminated Particleboard, Wall Mounted Solid Shelving.....	70.59	11.63
			For Installation On Concrete Walls, Add	2.37	
			For Installation On Concrete Block Walls, Add	3.19	
10 56 17 00-0021	LF		24" Depth, Laminated Particleboard, Wall Mounted Solid Shelving.....	82.48	11.63
			For Installation On Concrete Walls, Add	2.37	
			For Installation On Concrete Block Walls, Add	3.19	

10 56 17 00-0022			Chrome Plated Steel, Wall Mounted Wire Shelving (10 56 17)		
Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.					
10 56 17 00-0023	LF		14" Depth, Chrome Plated Steel, Wall Mounted Wire Shelving.....	85.02	11.63
			For Installation On Concrete Walls, Add	2.37	
			For Installation On Concrete Block Walls, Add	3.19	
10 56 17 00-0024	LF		18" Depth, Chrome Plated Steel, Wall Mounted Wire Shelving.....	95.78	11.63
			For Installation On Concrete Walls, Add	2.37	
			For Installation On Concrete Block Walls, Add	3.19	

10	10 Specialties
	10 50 Storage Specialties
	10 56 Storage Assemblies



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 56 17 00-0025	Stainless Steel, Wall Mounted Wire Shelving <small>(10 56 17)</small>		
	Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0026	LF 14" Depth, Stainless Steel, Wall Mounted Wire Shelving	201.88	11.63
	For Installation On Concrete Walls, Add	2.37	
	For Installation On Concrete Block Walls, Add	3.19	
10 56 17 00-0027	LF 18" Depth, Stainless Steel, Wall Mounted Wire Shelving	210.12	11.63
	For Installation On Concrete Walls, Add	2.37	
	For Installation On Concrete Block Walls, Add	3.19	
10 56 17 00-0028	Prefinished Hardwood Plywood, Wall Mounted Solid Shelving <small>(10 56 17)</small>		
	Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0029	LF 8" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	59.70	11.63
	For Installation On Concrete Walls, Add	3.66	
	For Installation On Concrete Block Walls, Add	4.48	
10 56 17 00-0030	LF 10" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	61.14	11.63
	For Installation On Concrete Walls, Add	3.69	
	For Installation On Concrete Block Walls, Add	4.51	
10 56 17 00-0031	LF 12" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	62.09	11.63
	For Installation On Concrete Walls, Add	3.72	
	For Installation On Concrete Block Walls, Add	4.54	
10 56 17 00-0032	LF 16" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	65.45	11.63
	For Installation On Concrete Walls, Add	3.79	
	For Installation On Concrete Block Walls, Add	4.61	
10 56 17 00-0033	LF 18" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	67.16	11.63
	For Installation On Concrete Walls, Add	3.82	
	For Installation On Concrete Block Walls, Add	4.64	
10 56 17 00-0034	LF 24" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	72.32	11.63
	For Installation On Concrete Walls, Add	3.92	
	For Installation On Concrete Block Walls, Add	4.74	
10 56 17 00-0035	Wall Mounted Shelving Accessories <small>(10 56 17)</small>		
10 56 17 00-0036	LF Removal And Reinstallation Of Single Shelf Metal Storage Shelving Unit.....	34.23	

10 57 Wardrobe And Closet Specialties (10 50)

10 57 13	Hat And Coat Racks <small>(10 57)</small>		
10 57 13 00-0001	Hat And Coat Rack <small>(10 57 13)</small>		
10 57 13 00-0002	Single Tier <small>(10 57 13 00-0001)</small>		
10 57 13 00-0003	LF Single Tier Hat And Coat Rack Baked Enameled Steel	76.39	5.82
	For Custom Made Units, Add	36.58	
10 57 13 00-0004	LF Single Tier Hat And Coat Rack Stainless Steel	43.99	5.82
	For Custom Made Units, Add	17.14	
10 57 13 00-0005	LF Single Tier Hat And Coat Rack Aluminum	139.66	5.82
	For Custom Made Units, Add	74.55	
10 57 13 00-0006	Double Tier <small>(10 57 13 00-0001)</small>		
10 57 13 00-0007	LF Double Tier Hat And Coat Rack Baked Enameled Steel	102.97	5.82
	For Custom Made Units, Add	50.35	
10 57 13 00-0008	LF Double Tier Hat And Coat Rack Stainless Steel	50.23	5.82
	For Custom Made Units, Add	18.70	
10 57 13 00-0009	LF Double Tier Hat And Coat Rack Aluminum.....	239.18	5.82
	For Custom Made Units, Add	132.07	
10 57 43	Wardrobe Units <small>(10 57)</small>		
10 57 43 00-0001	Dormitory Wardrobe Units <small>(10 57 43)</small>		
10 57 43 00-0002	EA 24" x 24" x 68" Hardwood Veneer Dormitory Wardrobe Unit With Door	2,064.45	215.42
	For Custom Made Units, Add	1,087.89	
10 57 43 00-0003	EA 24" x 24" x 68" Plastic Laminate Dormitory Wardrobe Unit With Door	1,584.59	215.42
	For Custom Made Units, Add	799.97	
10 57 43 00-0004	Hospital Wardrobe Units 24" x 24" x 76" With Door <small>(10 57 43)</small>		
10 57 43 00-0005	EA Baked Enamel Steel Hospital Wardrobe 24" x 24" x 76" Unit With Door	1,291.40	215.42
	For Custom Made Units, Add	624.06	
10 57 43 00-0006	EA Hardwood Hospital Wardrobe 24" x 24" x 76" Unit With Door	983.89	215.42
	For Custom Made Units, Add	439.55	
10 57 43 00-0007	EA Stainless Steel Hospital Wardrobe 24" x 24" x 76" Unit With Door	1,633.62	215.42
	For Custom Made Units, Add	829.39	
10 57 43 00-0008	EA Plastic Laminate Hospital Wardrobe 24" x 24" x 76" Unit With Door	3,259.82	215.42
	For Custom Made Units, Add	1,805.11	

10 70 Exterior Specialties (10)

10 71 Exterior Protection (10 70)

10 71 13 Exterior Sun Control Devices (10 71)

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

10 71 13 13 Exterior Shutters (10 71 13)			
10 71 13 13-001	Exterior Shutters, High Impact Resistant Plastic, Unfinished (10 71 13 13)		
10 71 13 13-002	Louvered Decorative Shutters (10 71 13 13-0001)		
10 71 13 13-0003	PR 15" x 25" Louvered Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	113.05 11.91	35.14
10 71 13 13-0004	PR 15" x 31" Louvered Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	122.54 13.20	36.90
10 71 13 13-0005	PR 15" x 36" Louvered Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	132.04 14.49	38.66
10 71 13 13-0006	PR 15" x 39" Louvered Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	140.73 15.63	40.41
10 71 13 13-0007	PR 15" x 43" Louvered Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	150.54 16.98	42.17
10 71 13 13-0008	PR 15" x 48" Louvered Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	160.79 18.40	43.93
10 71 13 13-0009	PR 15" x 52" Louvered Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	167.77 19.23	45.68
10 71 13 13-0010	PR 15" x 55" Louvered Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	175.53 20.21	47.44
10 71 13 13-0011	PR 15" x 60" Louvered Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	185.91 21.66	49.21
10 71 13 13-0012	PR 15" x 64" Louvered Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	199.77 23.73	50.96
10 71 13 13-0013	PR 15" x 67" Louvered Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	206.39 24.50	52.72
10 71 13 13-0014	PR 15" x 72" Louvered Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	223.78 27.21	54.47
10 71 13 13-0015	PR 15" x 75" Louvered Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	230.34 27.96	56.23
10 71 13 13-0016	PR 15" x 80" Louvered Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	242.46 29.73	57.99
10 71 13 13-0017	Raised Panel Decorative Shutters (10 71 13 13-0001)		
10 71 13 13-0018	PR 15" x 35" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	158.70 19.29	38.66
10 71 13 13-0019	PR 15" x 39" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	170.08 20.91	40.41
10 71 13 13-0020	PR 15" x 43" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	177.56 21.84	42.17
10 71 13 13-0021	PR 15" x 47" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	189.28 23.53	43.93
10 71 13 13-0022	PR 15" x 51" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	199.31 24.91	45.68
10 71 13 13-0023	PR 15" x 55" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	208.80 26.20	47.44
10 71 13 13-0024	PR 15" x 59" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	221.63 28.09	49.21
10 71 13 13-0025	PR 15" x 63" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	238.55 30.71	50.96
10 71 13 13-0026	PR 15" x 67" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	250.41 32.42	52.72
10 71 13 13-0027	PR 15" x 71" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	263.78 34.41	54.47
10 71 13 13-0028	PR 15" x 75" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	268.25 34.79	56.23
10 71 13 13-0029	PR 15" x 81" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	277.89 36.10	57.99
10 71 13 13-0030	Exterior Spanish Cedar Shutters (10 71 13 13)		
10 71 13 13-0031	12" Width (10 71 13 13-0030)		
10 71 13 13-0032	PR 12" x 36" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	489.00 150.00	35.14
10 71 13 13-0033	PR 12" x 42" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	528.36 150.00	38.66
10 71 13 13-0034	PR 12" x 48" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	565.38 150.00	40.41
10 71 13 13-0035	PR 12" x 54" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	604.75 150.00	43.93
10 71 13 13-0036	PR 12" x 60" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	641.76 150.00	45.68
10 71 13 13-0037	PR 12" x 66" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	684.02 150.00	49.21
10 71 13 13-0038	PR 12" x 72" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	721.04 150.00	50.96
10 71 13 13-0039	PR 12" x 78" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	758.05 150.00	52.72
10 71 13 13-0040	PR 12" x 84" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	797.43 150.00	56.23
10 71 13 13-0041	14" Width (10 71 13 13-0030)		
10 71 13 13-0042	PR 14" x 36" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	517.90 150.00	35.14

10 Specialties
10 70 Exterior Specialties
10 71 Exterior Protection



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0043	PR		14" x 42" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	563.03 150.00	38.66
10 71 13 13-0044	PR		14" x 48" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	605.84 150.00	40.41
10 71 13 13-0045	PR		14" x 54" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	650.99 150.00	43.93
10 71 13 13-0046	PR		14" x 60" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	693.78 150.00	45.68
10 71 13 13-0047	PR		14" x 66" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	738.92 150.00	49.21
10 71 13 13-0048	PR		14" x 72" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	781.73 150.00	50.96
10 71 13 13-0049	PR		14" x 78" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	821.63 150.00	52.72
10 71 13 13-0050	PR		14" x 84" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	866.79 150.00	56.23
10 71 13 13-0051 16" Width <small>(10 71 13 13-0030)</small>					
10 71 13 13-0052	PR		16" x 36" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	549.69 150.00	35.14
10 71 13 13-0053	PR		16" x 42" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	597.71 150.00	38.66
10 71 13 13-0054	PR		16" x 48" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	646.30 150.00	40.41
10 71 13 13-0055	PR		16" x 54" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	694.34 150.00	43.93
10 71 13 13-0056	PR		16" x 60" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	742.90 150.00	45.68
10 71 13 13-0057	PR		16" x 66" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	793.83 150.00	49.21
10 71 13 13-0058	PR		16" x 72" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	839.53 150.00	50.96
10 71 13 13-0059	PR		16" x 78" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	888.09 150.00	52.72
10 71 13 13-0060	PR		16" x 84" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	939.03 150.00	56.23
10 71 13 13-0061 18" Width <small>(10 71 13 13-0030)</small>					
10 71 13 13-0062	PR		18" x 36" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	578.58 150.00	35.14
10 71 13 13-0063	PR		18" x 42" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	632.39 150.00	38.66
10 71 13 13-0064	PR		18" x 48" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	686.76 150.00	40.41
10 71 13 13-0065	PR		18" x 54" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	740.57 150.00	43.93
10 71 13 13-0066	PR		18" x 60" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	792.03 150.00	45.68
10 71 13 13-0067	PR		18" x 66" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	848.73 150.00	49.21
10 71 13 13-0068	PR		18" x 72" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	900.21 150.00	50.96
10 71 13 13-0069	PR		18" x 78" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	954.56 150.00	52.72
10 71 13 13-0070	PR		18" x 84" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	1,008.39 150.00	56.23
10 71 13 13-0071 20" Width <small>(10 71 13 13-0030)</small>					
10 71 13 13-0072	PR		20" x 36" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	607.48 150.00	35.14
10 71 13 13-0073	PR		20" x 42" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	667.07 150.00	38.66
10 71 13 13-0074	PR		20" x 48" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	724.32 150.00	40.41
10 71 13 13-0075	PR		20" x 54" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	786.81 150.00	43.93
10 71 13 13-0076	PR		20" x 60" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	844.05 150.00	45.68
10 71 13 13-0077	PR		20" x 66" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	903.64 150.00	49.21
10 71 13 13-0078	PR		20" x 72" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	960.90 150.00	50.96
10 71 13 13-0079	PR		20" x 78" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	1,018.13 150.00	52.72
10 71 13 13-0080	PR		20" x 84" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	1,077.74 150.00	56.23

10 73 Protective Covers (10 70)

10 73 13 Awnings (10 73)

10 73 13 13 Metal Awnings (10 73 13)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 73 13 13-001 Metal Awnings (10 73 13 13)
Note: Includes metal cover, frame supports and anchoring.

10 73 13 13-0002	SF		Clear Weather Resistant Finish, Ribbed Aluminum Window Awnings.....	75.15	8.63
10 73 13 13-0003	SF		Baked Enamel Finish, Ribbed Aluminum Window Awning.....	66.45	7.73
10 73 13 13-0004	SF		Flat Roofed Steel Awning.....	240.62	8.97
			Note: Per SF of covered area		
10 73 13 13-0005	SF		Arched Roofed Steel Awning (Per SF Of Covered Area).....	248.26	10.09

10 73 13 23 Fabric Awnings (10 73 13)

10 73 13 23-0001 Canvas Awnings (10 73 13 23)
Note: Includes minimum 12 oz. canvas, frame supports and anchoring.

10 73 13 23-0002	SF		Canvas Awning, Waterproof Fabric Tubular Metal Framing.....	74.07	7.87
10 73 13 23-0003	SF		Side Protection Canvas For Walkways (Per SF Of Wall Area).....	42.36	2.54
10 73 13 23-0004	SF		Removal And Replacement Of Canvas For Awnings.....	27.61	
			Note: Includes removal of existing canvas cover.		
			For 18 Oz. Vinyl Laminated Polyester Cover, Add	0.92	

10 73 16 Canopies (10 73)

10 73 16 13 Metal Canopies (10 73 16)

10 73 16 13-0001 Canopies, Wall Hung, Aluminum Framed And Covered, Prefinished (10 73 16 13)
Note: Includes cover, frame supports and anchoring.

10 73 16 13-0002	EA		8' x 10' Canopy, Aluminum, Wall Hung.....	6,865.31	482.11
10 73 16 13-0003	EA		8' x 20' Canopy, Aluminum, Wall Hung.....	12,765.74	771.55
10 73 16 13-0004	EA		10' x 10' Canopy, Aluminum, Wall Hung.....	8,448.96	603.21
10 73 16 13-0005	EA		10' x 20' Canopy, Aluminum, Wall Hung.....	15,565.25	806.62

10 73 26 Walkway Coverings (10 73)

Note: Pre-engineered includes all framing and steel supports, integral gutter system. Excludes foundations.

10 73 26 13 Metal Walkway Coverings (10 73 26)

10 73 26 13-0001 Steel Walkway/Parking Covers (10 73 26 13)
Note: Factory applied polyester finish.

10 73 26 13-0002	SF		Flat Roofed Steel Walkway/Parking Cover.....	117.85	6.79
			Note: Includes factory applied polyester finish.		
			For Snow Load (30 PSF), Add	41.71	
			For Wind Load (140 MPH), Add	52.14	
10 73 26 13-0003	SF		Arch Roofed Steel Walkway/Parking Cover.....	125.43	7.32
			Note: Includes factory applied polyester finish.		
			For Snow Load (30 PSF), Add	44.32	
			For Wind Load (140 MPH), Add	55.40	

10 73 26 13-0004 Aluminum Walkway/Parking Covers (10 73 26 13)

10 73 26 13-0005	SF		Flat Roofed Aluminum Walkway/Parking Cover.....	65.98	6.79
			Note: Includes factory applied polyester finish.		
			For Snow Load (30 PSF), Add	20.96	
			For Wind Load (140 MPH), Add	26.20	
10 73 26 13-0006	SF		Arch Roofed Aluminum Walkway/Parking Cover.....	71.80	7.32
			Note: Includes factory applied polyester finish.		
			For Snow Load (30 PSF), Add	22.87	
			For Wind Load (140 MPH), Add	28.59	

10 75 Flagpoles (10 75)

Note: Metal bases are installed in a concrete base and fully rigged. Heights indicated are from ground to top of installed flag pole. Uninstalled lengths are longer. Includes top ball (color and material similar to pole), cleats and cleat cover, all caulking and sealants, and hoisting into place. Excludes excavation and concrete. See CSI section 10 75 16 00-0021 for bases.

10 75 16 Ground-Set Flagpoles (10 75)

10 75 16 00-0001 Free Standing Tapered Fiberglass Flagpoles (10 75 16)
Note: Excludes base or foundation See CSI section 10 75 16 00-0021 for concrete base.

10 75 16 00-0002	EA		25' Exposed Height, Tapered White Fiberglass Flagpole.....	3,005.66	915.55
			Note: 6" butt diameter, 3" top diameter and 0.180" wall.		
			For Internal Halyard, Cam System, Add	300.00	
			For Bronze Finish, Add	20.00	
			For Rope Lock Box, Add	96.00	
10 75 16 00-0003	EA		30' Exposed Height, Tapered White Fiberglass Flagpole.....	3,226.78	998.75
			Note: 6-1/2" butt diameter, 3" top diameter and 0.180" wall.		
			For Internal Halyard, Cam System, Add	300.00	
			For Bronze Finish, Add	50.00	
			For Rope Lock Box, Add	96.00	
10 75 16 00-0004	EA		35' Exposed Height, Tapered White Fiberglass Flagpole.....	3,996.64	1,165.21
			Note: 7" butt diameter, 3" top diameter and 0.200" wall.		
			For Internal Halyard, Cam System, Add	300.00	
			For Bronze Finish, Add	10.00	
			For Rope Lock Box, Add	96.00	
10 75 16 00-0005	EA		40' Exposed Height, Tapered White Fiberglass Flagpole.....	4,623.17	1,331.94
			Note: 7" butt diameter, 3" top diameter and 0.200" wall.		
			For Internal Halyard, Cam System, Add	300.00	
			For Bronze Finish, Add	50.00	
			For Rope Lock Box, Add	96.00	

10 Specialties**10 70 Exterior Specialties****10 75 Flagpoles**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

10 75 16 00-0006	EA	50' Exposed Height, Tapered White Fiberglass Flagpole Note: 10" butt diameter, 4-1/2" top diameter and 0.275" wall.	7,891.17	1,498.35
		<i>For Internal Halyard, Winch System, Add</i>	1,700.00	
		<i>For Bronze Finish, Add</i>	200.00	
		<i>For Rope Lock Box, Add</i>	96.00	
10 75 16 00-0007	EA	60' Exposed Height, Tapered White Fiberglass Flagpole Note: 10-1/2" butt diameter, 4-1/2" top diameter and 0.300" wall.	9,309.46	1,664.58
		<i>For Internal Halyard, Winch System, Add</i>	1,900.00	
		<i>For Bronze Finish, Add</i>	160.00	
		<i>For Rope Lock Box, Add</i>	96.00	
10 75 16 00-0008	EA	70' Exposed Height, Tapered White Fiberglass Flagpole Note: 16" butt diameter, 7" top diameter and 0.325" wall.	15,300.83	1,831.60
		<i>For Internal Halyard, Winch System, Add</i>	2,860.00	
		<i>For Bronze Finish, Add</i>	700.00	
		<i>For Rope Lock Box, Add</i>	96.00	
10 75 16 00-0009	EA	78' Exposed Height, Tapered White Fiberglass Flagpole Note: 10-3/4" butt diameter, 7" top diameter and 0.350" wall.	19,558.53	1,997.50
		<i>For Internal Halyard, Winch System, Add</i>	2,900.00	
		<i>For Bronze Finish, Add</i>	900.00	
		<i>For Rope Lock Box, Add</i>	96.00	

10 75 16 00-0010 Free Standing Tapered Aluminum Flagpoles (10 75 16)

Note: Heavy duty. Excludes base or foundation See CSI section 10 75 16 00-0021 for concrete base.

10 75 16 00-0011	EA	20' Exposed Height, Tapered Satin Aluminum Flagpole Note: 5" butt diameter, 3" top diameter and 0.188" wall.	2,842.29	832.51
		<i>For Internal Halyard, Winch System, Add</i>	570.00	
		<i>For Clear Anodized Finish, Add</i>	150.00	
		<i>For Bronze Anodized Finish, Add</i>	180.00	
		<i>For Black Anodized Finish, Add</i>	230.00	
		<i>For Rope Lock Box, Add</i>	96.00	
10 75 16 00-0012	EA	25' Exposed Height, Tapered Satin Aluminum Flagpole Note: 5-1/2" butt diameter, 3-1/2" top diameter and 0.188" wall.	3,348.40	915.55
		<i>For Internal Halyard, Winch System, Add</i>	1,100.00	
		<i>For Clear Anodized Finish, Add</i>	200.00	
		<i>For Bronze Anodized Finish, Add</i>	230.00	
		<i>For Black Anodized Finish, Add</i>	320.00	
		<i>For Rope Lock Box, Add</i>	96.00	
10 75 16 00-0013	EA	30' Exposed Height, Tapered Satin Aluminum Flagpole Note: 6" butt diameter, 3-1/2" top diameter and 0.188" wall.	3,708.54	998.75
		<i>For Internal Halyard, Winch System, Add</i>	1,390.00	
		<i>For Clear Anodized Finish, Add</i>	240.00	
		<i>For Bronze Anodized Finish, Add</i>	290.00	
		<i>For Black Anodized Finish, Add</i>	400.00	
		<i>For Rope Lock Box, Add</i>	96.00	
10 75 16 00-0014	EA	35' Exposed Height, Tapered Satin Aluminum Flagpole Note: 7" butt diameter, 3-1/2" top diameter and 0.188" wall.	4,662.38	1,165.21
		<i>For Internal Halyard, Winch System, Add</i>	1,340.00	
		<i>For Clear Anodized Finish, Add</i>	290.00	
		<i>For Bronze Anodized Finish, Add</i>	360.00	
		<i>For Black Anodized Finish, Add</i>	480.00	
		<i>For Rope Lock Box, Add</i>	96.00	
10 75 16 00-0015	EA	40' Exposed Height, Tapered Satin Aluminum Flagpole Note: 8" butt diameter, 3-1/2" top diameter and 0.188" wall.	5,713.53	1,331.94
		<i>For Internal Halyard, Winch System, Add</i>	1,490.00	
		<i>For Clear Anodized Finish, Add</i>	390.00	
		<i>For Bronze Anodized Finish, Add</i>	480.00	
		<i>For Black Anodized Finish, Add</i>	660.00	
		<i>For Rope Lock Box, Add</i>	96.00	
10 75 16 00-0016	EA	45' Exposed Height, Tapered Satin Aluminum Flagpole Note: 8" butt diameter, 3-1/2" top diameter and 0.188" wall.	6,297.50	1,415.11
		<i>For Internal Halyard, Winch System, Add</i>	1,340.00	
		<i>For Clear Anodized Finish, Add</i>	400.00	
		<i>For Bronze Anodized Finish, Add</i>	500.00	
		<i>For Black Anodized Finish, Add</i>	700.00	
		<i>For Rope Lock Box, Add</i>	96.00	
10 75 16 00-0017	EA	50' Exposed Height, Tapered Satin Aluminum Flagpole Note: 10" butt diameter, 4" top diameter and 0.188" wall.	7,786.51	1,498.35
		<i>For Internal Halyard, Winch System, Add</i>	1,380.00	
		<i>For Clear Anodized Finish, Add</i>	700.00	
		<i>For Bronze Anodized Finish, Add</i>	860.00	
		<i>For Black Anodized Finish, Add</i>	1,130.00	
		<i>For Rope Lock Box, Add</i>	96.00	
10 75 16 00-0018	EA	60' Exposed Height, Tapered Satin Aluminum Flagpole Note: 12" butt diameter, 4" top diameter and 0.250" wall.	12,934.71	1,664.58
		<i>For Internal Halyard, Winch System, Add</i>	1,800.00	
		<i>For Clear Anodized Finish, Add</i>	620.00	
		<i>For Bronze Anodized Finish, Add</i>	820.00	
		<i>For Black Anodized Finish, Add</i>	1,160.00	
		<i>For Rope Lock Box, Add</i>	96.00	
10 75 16 00-0019	EA	70' Exposed Height, Tapered Satin Aluminum Flagpole Note: 12" butt diameter, 4" top diameter and 0.250" wall.	14,161.03	1,831.60
		<i>For Internal Halyard, Winch System, Add</i>	1,720.00	
		<i>For Clear Anodized Finish, Add</i>	710.00	
		<i>For Bronze Anodized Finish, Add</i>	950.00	
		<i>For Black Anodized Finish, Add</i>	1,360.00	
		<i>For Rope Lock Box, Add</i>	96.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 75 16 00-0020	EA		80' Exposed Height, Tapered Satin Aluminum Flagpole..... Note: 12" butt diameter, 4" top diameter and 0.375" wall. For Internal Halyard, Winch System, Add For Clear Anodized Finish, Add For Bronze Anodized Finish, Add For Black Anodized Finish, Add For Rope Lock Box, Add	17,576.99 2,600.00 1,100.00 1,380.00 1,840.00 96.00	1,997.50
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10 75 16 00-0021 Flagpole Bases (10 75 16)

10 75 16 00-0022			Flagpole Concrete Base (10 75 16 00-0021) Note: Includes excavation, forms where necessary, steel casing and reinforcing, metal collar installation, base plate, sand fill, ground spike, concrete and finishing of concrete.		
10 75 16 00-0023	EA		30' Or Less Flagpole, Poured Concrete Foundation	1,692.49	
10 75 16 00-0024	EA		35' Flagpole, Poured Concrete Foundation	1,750.77	
10 75 16 00-0025	EA		40' Flagpole, Poured Concrete Foundation	2,009.55	
10 75 16 00-0026	EA		45' Flagpole, Poured Concrete Foundation	2,126.67	
10 75 16 00-0027	EA		50' Flagpole, Poured Concrete Foundation	2,552.47	
10 75 16 00-0028	EA		60' Flagpole, Poured Concrete Foundation	3,091.85	
10 75 16 00-0029	EA		70' Flagpole, Poured Concrete Foundation	3,662.31	
10 75 16 00-0030	EA		80' Flagpole, Poured Concrete Foundation	4,260.05	
10 75 16 00-0031	EA		90' To 100' Flagpole, Poured Concrete Foundation.....	4,969.34	

10 75 16 00-0032 Direct Embedded Flagpole Base (10 75 16 00-0021)

			Note: Augured in place, no concrete required.		
10 75 16 00-0033	EA		20' To 25' Flagpole, Direct Embedded Pole Base.....	664.99	
10 75 16 00-0034	EA		30' To 40' Flagpole, Direct Embedded Pole Base.....	954.41	
10 75 16 00-0035	EA		45' To 55' Flagpole, Direct Embedded Pole Base.....	1,065.71	
10 75 16 00-0036	EA		60' To 70' Flagpole, Direct Embedded Pole Base.....	1,199.95	

10 75 16 00-0037 Flagpole Accessories (10 75 16)

10 75 16 00-0038			Flagpole Tops (10 75 16 00-0037) Note: To be used on renovation of existing flagpole. Do not use in conjunction with installation of new flagpoles.		
10 75 16 00-0039	EA		4" Gold Anodized Aluminum Ball For Top Of Flagpole	126.15	49.46
10 75 16 00-0040	EA		5" Gold Anodized Aluminum Ball For Top Of Flagpole	136.83	52.37
10 75 16 00-0041	EA		6" Gold Anodized Aluminum Ball For Top Of Flagpole	151.41	55.28
10 75 16 00-0042	EA		8" Gold Anodized Aluminum Ball For Top Of Flagpole	190.32	58.18
10 75 16 00-0043	EA		10" Gold Anodized Aluminum Ball For Top Of Flagpole	242.85	61.09
10 75 16 00-0044	EA		12" Gold Anodized Aluminum Ball For Top Of Flagpole	269.11	64.00
10 75 16 00-0045	EA		11-1/4" Aluminum Flying Eagle Mounted On A Spindle For Flagpole Top, Gold Finish	248.67	64.00
10 75 16 00-0046	EA		15" Aluminum Flying Eagle Mounted On A Spindle For Flagpole Top, Gold Finish.....	288.51	72.73

10 75 16 00-0047 Flagpole Accessories (10 75 16 00-0037)

			Note: To be used on renovation of existing flagpole. Do not use in conjunction with installation of new flagpoles.		
10 75 16 00-0048	LF		5/16" Diameter, Nylon Halyard (Rope) With Wire Center For Flagpoles.....	1.37	0.09
10 75 16 00-0049	LF		5/16" Diameter, Solid Braided Multifilament Polypropylene Halyard (Rope) For Flagpoles.....	0.68	0.09
10 75 16 00-0050	LF		5/16" Diameter, Nylon Halyard (Rope) For Flagpoles.....	0.52	0.09
10 75 16 00-0051	LF		3/8" Diameter, Nylon Halyard (Rope) With Wire Center For Flagpoles.....	1.82	0.09
10 75 16 00-0052	EA		Refinish Existing Flagpole Ball.....	390.01	145.39
10 75 16 00-0053	EA		Locking Aluminum Cleat Box For Flagpoles	295.21	87.23
10 75 16 00-0054	EA		Aluminum Cleat For Flagpoles.....	23.99	5.82
10 75 16 00-0055	LF		1/8" Diameter, 7x7 Galvanized Wire Rope For Flagpoles.....	0.69	0.10

10 75 23 Wall-Mounted Flagpoles (10 75)

10 75 23 00-0001			Vertical, Wall/Roof Mounted Tapered Aluminum Flagpoles (10 75 23) Note: Includes aluminum brackets, 3" butt diameter and 0.125" wall.		
10 75 23 00-0002	EA		14' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole	2,015.10	730.20
			For Rope Lock Box, Add	96.00	
10 75 23 00-0003	EA		17' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole	2,190.34	803.22
			For Rope Lock Box, Add	96.00	
10 75 23 00-0004	EA		20' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole	2,375.30	876.24
			For Rope Lock Box, Add	96.00	
10 75 23 00-0005	EA		25' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole	2,754.97	1,022.28
			For Rope Lock Box, Add	96.00	

10 75 23 00-0006 Outrigger, Wall Mounted Tapered Aluminum Flagpoles (10 75 23)

			Note: Includes aluminum base, 3-1/2" butt diameter and 0.125" wall.		
10 75 23 00-0007	EA		10', Wall Mounted, Aluminum Outrigger Flagpole With Bracket	2,521.09	657.18
			For Rope Lock Box, Add	96.00	
10 75 23 00-0008	EA		15', Wall Mounted, Aluminum Outrigger Flagpole With Bracket	2,725.51	730.20
			For Rope Lock Box, Add	96.00	
10 75 23 00-0009	EA		20', Wall Mounted, Aluminum Outrigger Flagpole With Bracket	3,056.52	876.24
			For Rope Lock Box, Add	96.00	

10 80 Other Specialties (10)

10 81 Pest Control Devices (10 80)

10	10 Specialties
	10 80 Other Specialties
	10 81 Pest Control Devices



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 81 13 Bird Control Devices (10 81)

10 81 13 00-0001	Stainless Steel Spiked Bird Barrier (10 81 13) Note: Stainless steel spikes with flexible polycarbonate base.		
10 81 13 00-0002	LF 2-1/2" To 3" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System	10.14	0.93
10 81 13 00-0003	LF 4-1/2" To 5" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System	12.24	0.93
10 81 13 00-0004	LF 8" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System	18.09	0.93

10 81 13 00-0005 Polycarbonate Spiked Bird Barrier (10 81 13)
Note: Polycarbonate spikes and base.

10 81 13 00-0006	LF 3" Wide Polycarbonate Spikes And Base Bird Deterrent System	9.35	0.93
10 81 13 00-0007	LF 5" Wide Polycarbonate Spikes And Base Bird Deterrent System	11.34	0.93
10 81 13 00-0008	LF 8" Wide Polycarbonate Spikes And Base Bird Deterrent System	13.51	0.93

10 81 16 Insect Control Devices (10 81)

10 81 16 00-0001	Insect Screening (10 81 16)		
10 81 16 00-0002	CSF 17/14 Mesh Insect Screening With Flat Screen Splines	132.72	

10 86 Security Mirrors And Domes (10 80)

10 86 00 00-0001 Dome Mirrors (10 86)
Note: Includes all mounting hardware. Indoor or outdoor applications.

10 86 00 00-0002	Steel Dome Mirrors (10 86 00 00-0001)		
10 86 00 00-0003	EA 9" Diameter Full-Dome Steel Dome Mirror	302.25	23.27
10 86 00 00-0004	EA 12" Diameter Full-Dome Steel Dome Mirror	355.71	24.43
10 86 00 00-0005	EA 18" Diameter Full-Dome Steel Dome Mirror	411.50	26.77
10 86 00 00-0006	EA 24" Diameter Full-Dome Steel Dome Mirror	549.57	29.09
10 86 00 00-0007	EA 9" Diameter Half-Dome Steel Dome Mirror	216.35	17.46
10 86 00 00-0008	EA 12" Diameter Half-Dome Steel Dome Mirror	249.81	18.61
10 86 00 00-0009	EA 18" Diameter Half-Dome Steel Dome Mirror	291.99	20.36
10 86 00 00-0010	EA 24" Diameter Half-Dome Steel Dome Mirror	406.65	22.11

10 86 00 00-0011 Plexiglas Dome Mirrors (10 86 00 00-0001)

10 86 00 00-0012	EA 18" Diameter Full-Dome Plexiglas Dome Mirror	234.74	26.77
10 86 00 00-0013	EA 26" Diameter Full-Dome Plexiglas Dome Mirror	331.67	29.09
10 86 00 00-0014	EA 32" Diameter Full-Dome Plexiglas Dome Mirror	438.81	33.74
10 86 00 00-0015	EA 36" Diameter Full-Dome Plexiglas Dome Mirror	530.60	40.73
10 86 00 00-0016	EA 48" Diameter Full-Dome Plexiglas Dome Mirror	774.52	58.18
10 86 00 00-0017	EA 18" Diameter Half-Dome Plexiglas Dome Mirror	143.68	20.36
10 86 00 00-0018	EA 26" Diameter Half-Dome Plexiglas Dome Mirror	193.86	22.11
10 86 00 00-0019	EA 32" Diameter Half-Dome Plexiglas Dome Mirror	255.54	25.60
10 86 00 00-0020	EA 36" Diameter Half-Dome Plexiglas Dome Mirror	315.15	30.83
10 86 00 00-0021	EA 48" Diameter Half-Dome Plexiglas Dome Mirror	500.84	43.64
10 86 00 00-0022	EA 18" Diameter Quarter-Dome Plexiglas Dome Mirror	92.72	17.46
10 86 00 00-0023	EA 26" Diameter Quarter-Dome Plexiglas Dome Mirror	119.11	19.20
10 86 00 00-0024	EA 32" Diameter Quarter-Dome Plexiglas Dome Mirror	156.67	21.52
10 86 00 00-0025	EA 36" Diameter Quarter-Dome Plexiglas Dome Mirror	195.28	25.60
10 86 00 00-0026	EA 48" Diameter Quarter-Dome Plexiglas Dome Mirror	323.99	36.36

10 86 00 00-0027 Coated Plexiglas Dome Mirrors (10 86 00 00-0001)

10 86 00 00-0028	EA 18" Diameter Full-Dome Coated Plexiglas Dome Mirror	280.32	26.77
10 86 00 00-0029	EA 26" Diameter Full-Dome Coated Plexiglas Dome Mirror	433.95	29.09
10 86 00 00-0030	EA 36" Diameter Full-Dome Coated Plexiglas Dome Mirror	735.16	40.73
10 86 00 00-0031	EA 48" Diameter Full-Dome Coated Plexiglas Dome Mirror	1,132.50	58.18
10 86 00 00-0032	EA 18" Diameter Half-Dome Coated Plexiglas Dome Mirror	181.92	20.36
10 86 00 00-0033	EA 26" Diameter Half-Dome Coated Plexiglas Dome Mirror	271.02	22.11
10 86 00 00-0034	EA 36" Diameter Half-Dome Coated Plexiglas Dome Mirror	428.55	30.83
10 86 00 00-0035	EA 48" Diameter Half-Dome Coated Plexiglas Dome Mirror	709.85	43.64
10 86 00 00-0036	EA 18" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	132.08	17.46
10 86 00 00-0037	EA 26" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	185.37	19.20
10 86 00 00-0038	EA 32" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	240.27	21.52
10 86 00 00-0039	EA 36" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	309.13	25.60
10 86 00 00-0040	EA 48" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	484.08	36.36

10 86 00 00-0041 Circular Convex Security Mirrors (10 86)

Note: Includes all mounting hardware.

10 86 00 00-0042 Plexiglas Circular Convex Mirrors (10 86 00 00-0041)

Note: Indoor models have a tempered hardboard backing. Outdoor models have a waterproof edge and back, rustproof hardware with backed-on enamel finish.

10 86 00 00-0043	EA 12" Diameter Plexiglas Circular Convex Mirrors, Indoor	99.50	18.61
10 86 00 00-0044	EA 18" Diameter Plexiglas Circular Convex Mirrors, Indoor	129.45	20.36
10 86 00 00-0045	EA 26" Diameter Plexiglas Circular Convex Mirrors, Indoor	196.31	22.11
10 86 00 00-0046	EA 30" Diameter Plexiglas Circular Convex Mirrors, Indoor	245.31	25.60
10 86 00 00-0047	EA 36" Diameter Plexiglas Circular Convex Mirrors, Indoor	326.27	30.83
10 86 00 00-0048	EA 48" Diameter Plexiglas Circular Convex Mirrors, Indoor	576.44	43.64
10 86 00 00-0049	EA 18" Diameter Plexiglas Circular Convex Mirrors, Outdoor	167.02	20.36
10 86 00 00-0050	EA 26" Diameter Plexiglas Circular Convex Mirrors, Outdoor	240.78	22.11

Specialties	10
Other Specialties	10 80
Security Mirrors And Domes	10 86

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 86 00 00-0051 EA 36" Diameter Plexiglas Circular Convex Mirrors, Outdoor	344.05	30.83
10 86 00 00-0052 EA 48" Diameter Plexiglas Circular Convex Mirrors, Outdoor	629.80	43.64

10 86 00 00-0053 Coated Plexiglas Circular Convex Mirrors (10 86 00 00-0041)

Note: Indoor models have a tempered hardboard backing. Outdoor models have a waterproof edge and back, rustproof hardware with backed-on enamel finish.

10 86 00 00-0054 EA 18" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	201.71	20.36
10 86 00 00-0055 EA 26" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	317.71	22.11
10 86 00 00-0056 EA 30" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	426.97	25.60
10 86 00 00-0057 EA 36" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	533.05	30.83
10 86 00 00-0058 EA 48" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	774.33	43.64
10 86 00 00-0059 EA 18" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor.....	242.40	20.36
10 86 00 00-0060 EA 26" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor.....	375.52	22.11
10 86 00 00-0061 EA 30" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor.....	522.58	25.60
10 86 00 00-0062 EA 36" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor.....	590.86	30.83
10 86 00 00-0063 EA 48" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor.....	936.65	43.64

END OF SECTION 10

10	10	Specialties
	10 80	Other Specialties
	10 86	Security Mirrors And Domes



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TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 Equipment

11 01 Operation and Maintenance of Equipment ⁽¹¹⁾

11 01 10 Operation and Maintenance of Vehicle and Pedestrian Equipment ^(11 01)

11 01 10 13 Operation and Maintenance of Parking Equipment ^(11 01 10)

11 01 10 13-0001	Replacement Parking Equipment ^(11 01 10 13)		
11 01 10 13-0002	EA 10' Wood Arm Replacement With Bolts	590.56	
11 01 10 13-0003	EA 12' Wood Arm Replacement With Bolts	617.10	
11 01 10 13-0004	EA 14' Wood Arm Replacement With Bolts	647.58	
11 01 10 13-0005	EA 12' Aluminum Arm Replacement With Bolts	862.72	
11 01 10 13-0006	EA 14' Aluminum Arm Replacement With Bolts	891.25	
11 01 10 13-0007	EA 16' Aluminum Arm Replacement With Bolts	1,263.62	
11 01 10 13-0008	EA 18' Aluminum Arm Replacement With Bolts	1,282.01	
11 01 10 13-0009	EA 20' Aluminum Arm Replacement With Bolts	1,317.35	
11 01 10 13-0010	EA 22' Aluminum Arm Replacement With Bolts	1,515.16	
11 01 10 13-0011	EA 24' Aluminum Arm Replacement With Bolts	1,540.07	

11 10 Vehicle and Pedestrian Equipment ⁽¹¹⁾

11 12 Parking Control Equipment ^(11 10)

11 12 16 Parking Ticket Dispensers ^(11 12)

11 12 16 00-0001	Parking Ticket Dispensers ^(11 12 16)		
11 12 16 00-0002	EA Standard Parking Ticket Dispenser With Time/Date Stamp	11,164.09	206.03
11 12 16 00-0003	EA Rate Computing Parking Ticket Dispenser With Printer	15,044.04	206.03

11 12 23 Parking Meters ^(11 12)

11 12 23 00-0001	Parking Meters ^(11 12 23)		
11 12 23 00-0002	EA Removal Of Parking Meter For Replacement Or Reinstall Existing Meter	200.22	

11 12 26 Parking Fee Collection Equipment ^(11 12)

11 12 26 13 Parking Fee Coin Collection Equipment ^(11 12 26)

11 12 26 13-0001	Parking Fee Collection Equipment ^(11 12 26 13)		
11 12 26 13-0002	EA Multiple Station Slot Box For Parking Fee Collection	2,647.88	69.82

11 12 33 Parking Gates ^(11 12)

11 12 33 13 Lift Arm Parking Gates ^(11 12 33)

11 12 33 13-0001	Barrier Parking Gate Operators ^(11 12 33 13)		
11 12 33 13-0002	Barrier Parking Gate Operators ^(11 12 33 13-0001)		
	Note: Includes operator and barrier arm. Excludes access controls and concrete foundation.		
11 12 33 13-0003	EA 12' Plastic Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080)	5,594.41	285.66
	For 230/460 Volt AC, Add	322.50	
11 12 33 13-0004	EA 14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080)	5,573.82	285.66
	For 230/460 Volt AC, Add	322.50	
11 12 33 13-0005	EA 14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080)	5,834.70	285.66
	For 230/460 Volt AC, Add	322.50	
11 12 33 13-0006	EA 20' Three Piece Wood Arm, 1 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1602-080)	8,389.16	285.66
	For 230/460 Volt AC, Add	322.50	
11 12 33 13-0007	EA 14' Wood Arm, 1/3 HP, 115 Volt AC, Barrier Parking Gate Operator With Two Built-In Vehicle Detectors (Federal APD G-90 CD)	8,475.74	285.66
11 12 33 13-0008	EA 14' Aluminum Arm, 1/3 HP, 115 Volt AC, Barrier Parking Gate Operator With Two Built-In Vehicle Detectors (Federal APD G-90 CD)	8,887.67	285.66

11 12 33 13-0009 Barrier Parking Gate Operators With Tire Shredding Traffic Control Spikes ^(11 12 33 13-0001)

	Note: Includes operator, barrier arm and tire shredding traffic control spikes. Excludes access controls and concrete foundation.		
11 12 33 13-0010	EA 14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 6' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	17,431.04	571.32
11 12 33 13-0011	EA 14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 9' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	20,428.81	571.32
11 12 33 13-0012	EA 14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 6' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	17,585.51	571.32
11 12 33 13-0013	EA 14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 9' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	20,583.28	571.32

11 12 33 13-0014 Barrier Parking Gate Operator Accessories ^(11 12 33 13-0001)

11 Equipment
11 10 Vehicle and Pedestrian Equipment
11 12 Parking Control Equipment



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11 12 33 13-0015	EA	12' Plastic Replacement Arm For Barrier Parking Gate Operators	212.74	20.55
11 12 33 13-0016	EA	14' Wood Replacement Arm For Barrier Parking Gate Operators	192.14	20.55
11 12 33 13-0017	EA	14' Aluminum Replacement Arm For Barrier Parking Gate Operators	453.03	20.55
11 12 33 13-0018	EA	20' Three Piece Wood Replacement Arm For Barrier Parking Gate Operators	684.74	20.55
11 12 33 13-0019	EA	Folding Wood Replacement Arm For Barrier Parking Gate Operators	624.67	20.55
11 12 33 13-0020	EA	Folding Plastic Replacement Arm For Barrier Parking Gate Operators	624.67	20.55
11 12 33 13-0021	EA	Folding Aluminum Replacement Arm For Barrier Parking Gate Operators	761.98	20.55
11 12 33 13-0022	EA	Heater Kit For Barrier Parking Gate Operators (DKS™ DoorKing® 1601-092)	632.77	123.29
11 12 33 13-0023	EA	Fan Kit For Barrier Parking Gate Operators (DKS™ DoorKing® 1601-093)	632.77	123.29
11 12 33 13-0024	EA	Single Channel Detector Loop For Barrier Parking Gate Operators (DKS™ DoorKing® 9410-010)	630.11	
11 12 33 13-0025	EA	Two Channel Detector Loop For Barrier Parking Gate Operators (Federal APD DLD-10B)	1,611.38	
11 12 33 13-0026	EA	36" Tall, Gooseneck Style, Single Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls (Federal APD)	1,061.04	20.55

Note: Includes mounting plate and hardware. Excludes concrete foundation.

11 12 36 Tire Shredders (11 12)

11 12 36 00-0001		Tire Shredding Traffic Control Spikes (11 12 36)		
11 12 36 00-0002		Flush Mount, Tire Shredding Traffic Control Spikes (11 12 36 00-0001)		
11 12 36 00-0003	EA	6' Section, Flush Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-081)	2,645.90	328.79
11 12 36 00-0004		Surface Mount, Tire Shredding Traffic Control Spikes (11 12 36 00-0001)		
11 12 36 00-0005	EA	3' Section With End Caps, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-088)	4,798.60	164.39
11 12 36 00-0006	EA	3' Add-On Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-087)	3,425.50	164.39
11 12 36 00-0007		Warning Signs And Signals For Tire Shredding Traffic Control Spikes (11 12 36 00-0001)		
11 12 36 00-0008	EA	Warning Sign For Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1615)	2,131.45	61.65
11 12 36 00-0009	EA	Traffic Light Assembly For Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603)	1,726.29	82.19

Note: Includes light and mounting post.

Note: Includes mounting post and hardware.

11 13 Loading Dock Equipment (11 10)

11 13 13 Loading Dock Bumpers (11 13)

11 13 13 00-0001		Laminated Rubber Dock Bumpers (11 13 13)		
11 13 13 00-0002		4-1/2" Projection, Laminated Rubber Dock Bumpers (11 13 13 00-0001)		
11 13 13 00-0003	EA	14" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	144.40	23.26
11 13 13 00-0004	EA	24" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	183.58	23.26
11 13 13 00-0005	EA	36" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	238.85	23.26
11 13 13 00-0006	EA	12" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	161.10	23.26
11 13 13 00-0007	EA	14" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	174.94	23.26
11 13 13 00-0008	EA	18" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	199.69	23.26
11 13 13 00-0009	EA	24" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	238.85	23.26
11 13 13 00-0010	EA	36" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	327.28	23.26
11 13 13 00-0011	EA	12" x 12", 4-1/2" Projection, Laminated Rubber Dock Bumper	183.21	23.26
11 13 13 00-0012	EA	12" x 14", 4-1/2" Projection, Laminated Rubber Dock Bumper	199.69	23.26
11 13 13 00-0013	EA	12" x 18", 4-1/2" Projection, Laminated Rubber Dock Bumper	246.72	23.26
11 13 13 00-0014	EA	12" x 24", 4-1/2" Projection, Laminated Rubber Dock Bumper	280.07	23.26
11 13 13 00-0015	EA	12" x 36", 4-1/2" Projection, Laminated Rubber Dock Bumper	388.36	23.26
11 13 13 00-0016	EA	11" x 20", 4-1/2" Projection, Laminated Rubber Dock Bumper	227.23	23.26
11 13 13 00-0017	EA	11" x 24", 4-1/2" Projection, Laminated Rubber Dock Bumper	266.01	23.26
11 13 13 00-0018	EA	11" x 36", 4-1/2" Projection, Laminated Rubber Dock Bumper	348.64	23.26
11 13 13 00-0019		6" Projection, Laminated Rubber Dock Bumpers (11 13 13 00-0001)		
11 13 13 00-0020	EA	12" x 10", 6" Projection, Laminated Rubber Dock Bumper	204.43	23.26
11 13 13 00-0021	EA	14" x 10", 6" Projection, Laminated Rubber Dock Bumper	218.11	23.26
11 13 13 00-0022	EA	18" x 10", 6" Projection, Laminated Rubber Dock Bumper	251.08	23.26
11 13 13 00-0023	EA	24" x 10", 6" Projection, Laminated Rubber Dock Bumper	301.29	23.26
11 13 13 00-0024	EA	36" x 10", 6" Projection, Laminated Rubber Dock Bumper	412.39	23.26
11 13 13 00-0025	EA	12" x 12", 6" Projection, Laminated Rubber Dock Bumper	234.78	23.26
11 13 13 00-0026	EA	14" x 12", 6" Projection, Laminated Rubber Dock Bumper	246.03	23.26
11 13 13 00-0027	EA	18" x 12", 6" Projection, Laminated Rubber Dock Bumper	290.62	23.26
11 13 13 00-0028	EA	24" x 12", 6" Projection, Laminated Rubber Dock Bumper	357.13	23.26
11 13 13 00-0029	EA	36" x 12", 6" Projection, Laminated Rubber Dock Bumper	543.35	23.26
11 13 13 00-0030	EA	11" x 20", 6" Projection, Laminated Rubber Dock Bumper	301.48	23.26
11 13 13 00-0031	EA	11" x 24", 6" Projection, Laminated Rubber Dock Bumper	346.07	23.26
11 13 13 00-0032	EA	11" x 36", 6" Projection, Laminated Rubber Dock Bumper	352.01	23.26
11 13 13 00-0033		Extruded Rubber Dock Bumpers (11 13 13)		
11 13 13 00-0034		1-3/4" Projection, Extruded Rubber Dock Bumpers (11 13 13 00-0033)		
11 13 13 00-0035	EA	12" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	75.64	23.26
11 13 13 00-0036	EA	18" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	81.14	23.26
11 13 13 00-0037	EA	24" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	88.49	23.26
11 13 13 00-0038	EA	36" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	95.83	23.26

	MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 13 13 00-0039 4" Projection, Extruded Rubber Dock Bumpers <small>(11 13 13 00-0033)</small>				
11 13 13 00-0040	EA	12" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	104.43	23.26
11 13 13 00-0041	EA	18" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	127.59	23.26
11 13 13 00-0042	EA	24" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	134.26	23.26
11 13 13 00-0043	EA	36" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	149.45	23.26
11 13 13 00-0044 6" Projection, Extruded Rubber Dock Bumpers <small>(11 13 13 00-0033)</small>				
11 13 13 00-0045	EA	12" x 6", 6" Projection, Extruded Rubber Dock Bumper.....	127.15	23.26
11 13 13 00-0046	EA	18" x 6", 6" Projection, Extruded Rubber Dock Bumper.....	158.36	23.26
11 13 13 00-0047	EA	24" x 6", 6" Projection, Extruded Rubber Dock Bumper.....	184.07	23.26
11 13 13 00-0048	EA	36" x 6", 6" Projection, Extruded Rubber Dock Bumper.....	233.12	23.26
11 13 13 00-0049 Molded Rubber Dock Bumpers <small>(11 13 13)</small>				
11 13 13 00-0050 Rectangular Molded Rubber Dock Bumpers <small>(11 13 13 00-0049)</small>				
11 13 13 00-0051	EA	18" x 8", 2" Projection, Rectangular Molded Rubber Dock Bumper	107.33	23.26
11 13 13 00-0052	EA	10" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper.....	93.15	23.26
11 13 13 00-0053	EA	20" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper.....	125.50	23.26
11 13 13 00-0054	EA	30" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper.....	158.14	23.26
11 13 13 00-0055	EA	24" x 12", 3" Projection, Rectangular Molded Rubber Dock Bumper.....	165.84	23.26
11 13 13 00-0056	EA	13" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper	121.79	23.26
11 13 13 00-0057	EA	18" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper.....	159.43	23.26
11 13 13 00-0058	EA	30" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper.....	236.92	23.26
11 13 13 00-0059	EA	13" x 12", 4" Projection, Rectangular Molded Rubber Dock Bumper.....	133.05	23.26
11 13 13 00-0060	EA	24" x 12", 4" Projection, Rectangular Molded Rubber Dock Bumper.....	201.88	23.26
11 13 13 00-0061	EA	18" x 18", 4" Projection, Rectangular Molded Rubber Dock Bumper.....	201.21	23.26
11 13 13 00-0062	EA	24" x 12", 6" Projection, Rectangular Molded Rubber Dock Bumper.....	306.22	23.26
11 13 13 00-0063 T And L Shaped Rubber Dock Bumpers <small>(11 13 13 00-0049)</small>				
11 13 13 00-0064	EA	22" x 22", 3" Projection, T Shaped Molded Rubber Dock Bumper.....	190.61	23.26
11 13 13 00-0065	EA	18" x 18", 4" Projection, L Shaped Molded Rubber Dock Bumper.....	177.76	23.26
11 13 13 00-0066 Vertical Dock Bumpers <small>(11 13 13)</small>				
Note: Made with truck tire material.				
11 13 13 00-0067	EA	11" x 4" x 20", Vertical, Truck Docking Bumpers (U-Line H-2054).....	184.06	21.17
Note: Drilling for fasteners is not included due to differing conditions.				
For Concrete Installation Kit (4 Bolts), Add			86.85	
11 13 13 00-0068	EA	11" x 6" x 20", Vertical, Truck Docking Bumpers (U-Line H-6629).....	235.74	21.17
Note: Drilling for fasteners is not included due to differing conditions.				
For Concrete Installation Kit (4 Bolts), Add			86.85	
11 13 13 00-0069 Horizontal Dock Bumpers <small>(11 13 13)</small>				
Note: Made with truck tire material.				
11 13 13 00-0070	EA	12" x 4" x 10", Horizontal, Truck Docking Bumpers (U-Line H-1504).....	117.52	17.91
Note: Drilling for fasteners is not included due to differing conditions.				
For Concrete Installation Kit (4 Bolts), Add			86.85	
11 13 13 00-0071	EA	12" x 6" x 10", Horizontal, Truck Docking Bumpers (U-Line H-5502).....	152.53	17.91
Note: Drilling for fasteners is not included due to differing conditions.				
For Concrete Installation Kit (4 Bolts), Add			86.85	
11 13 13 00-0072	EA	24" x 4" x 10", Horizontal, Truck Docking Bumpers (U-Line H-1505).....	174.05	21.17
Note: Drilling for fasteners is not included due to differing conditions.				
For Concrete Installation Kit (4 Bolts), Add			86.85	
11 13 16 Loading Dock Seals and Shelters <small>(11 13)</small>				
11 13 16 13 Loading Dock Seals <small>(11 13 16)</small>				
11 13 16 13-0001 Vinyl Loading Dock Seals <small>(11 13 16 13)</small>				
11 13 16 13-0002 Standard Vinyl Loading Dock Seals <small>(11 13 16 13-0001)</small>				
11 13 16 13-0003	LF	10" Projection, Standard, Vinyl Loading Dock Seal	103.83	23.26
11 13 16 13-0004	LF	11" Projection, Standard, Vinyl Loading Dock Seal	105.24	23.26
11 13 16 13-0005	LF	12" Projection, Standard, Vinyl Loading Dock Seal	106.64	23.26
11 13 16 13-0006	LF	13" Projection, Standard, Vinyl Loading Dock Seal	109.46	23.26
11 13 16 13-0007	LF	14" Projection, Standard, Vinyl Loading Dock Seal	112.27	23.26
11 13 16 13-0008	LF	15" Projection, Standard, Vinyl Loading Dock Seal	115.11	23.26
11 13 16 13-0009	LF	16" Projection, Standard, Vinyl Loading Dock Seal	117.96	23.26
11 13 16 13-0010	LF	17" Projection, Standard, Vinyl Loading Dock Seal	120.89	23.26
11 13 16 13-0011	LF	18" Projection, Standard, Vinyl Loading Dock Seal	123.82	23.26
11 13 16 13-0012	LF	19" Projection, Standard, Vinyl Loading Dock Seal	126.63	23.26
11 13 16 13-0013	LF	20" Projection, Standard, Vinyl Loading Dock Seal	129.44	23.26
11 13 16 13-0014	LF	22" Projection, Standard, Vinyl Loading Dock Seal	135.14	23.26
11 13 16 13-0015 8" Exposure Wear Pleats, Vinyl Loading Dock Seals <small>(11 13 16 13-0001)</small>				
11 13 16 13-0016	LF	10" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	120.54	23.26
11 13 16 13-0017	LF	11" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	121.94	23.26
11 13 16 13-0018	LF	12" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	123.35	23.26
11 13 16 13-0019	LF	13" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	126.20	23.26
11 13 16 13-0020	LF	14" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	129.05	23.26

11 Equipment
11 10 Vehicle and Pedestrian Equipment
11 13 Loading Dock Equipment



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11 13 16 13-0021	LF	15" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	131.86	23.26
11 13 16 13-0022	LF	16" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	134.67	23.26
11 13 16 13-0023	LF	17" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	137.52	23.26
11 13 16 13-0024	LF	18" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	140.37	23.26
11 13 16 13-0025	LF	19" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	143.18	23.26
11 13 16 13-0026	LF	20" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	146.07	23.26
11 13 16 13-0027	LF	22" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	151.69	23.26

11 13 16 13-0028 4" Exposure Wear Pleats, Vinyl Loading Dock Seals (11 13 16 13-0001)

11 13 16 13-0029	LF	10" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	129.44	23.26
11 13 16 13-0030	LF	11" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	130.88	23.26
11 13 16 13-0031	LF	12" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	132.33	23.26
11 13 16 13-0032	LF	13" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	135.14	23.26
11 13 16 13-0033	LF	14" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	137.95	23.26
11 13 16 13-0034	LF	15" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	140.80	23.26
11 13 16 13-0035	LF	16" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	143.65	23.26
11 13 16 13-0036	LF	17" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	146.46	23.26
11 13 16 13-0037	LF	18" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	149.27	23.26
11 13 16 13-0038	LF	19" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	152.12	23.26
11 13 16 13-0039	LF	20" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	154.97	23.26
11 13 16 13-0040	LF	22" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	160.74	23.26

11 13 16 13-0041 Vinyl Loading Dock Seals With Drape Curtain (11 13 16 13)

11 13 16 13-0042 Standard, Vinyl Loading Dock Seals With Drape Curtain (11 13 16 13-0041)

11 13 16 13-0043	LF	10" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	96.40	23.26
11 13 16 13-0044	LF	12" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	98.60	23.26
11 13 16 13-0045	LF	14" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	103.49	23.26
11 13 16 13-0046	LF	16" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	108.31	23.26
11 13 16 13-0047	LF	18" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	113.26	23.26
11 13 16 13-0048	LF	20" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	118.07	23.26
11 13 16 13-0049	LF	22" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	122.96	23.26

11 13 16 13-0050 8" Exposure Wear Pleats, Vinyl Loading Dock Seals With Drape Curtain (11 13 16 13-0041)

11 13 16 13-0051	LF	10" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	112.19	23.26
11 13 16 13-0052	LF	12" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	114.46	23.26
11 13 16 13-0053	LF	14" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	119.35	23.26
11 13 16 13-0054	LF	16" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	124.23	23.26
11 13 16 13-0055	LF	18" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	129.05	23.26
11 13 16 13-0056	LF	20" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	133.93	23.26
11 13 16 13-0057	LF	22" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	138.75	23.26

11 13 16 13-0058 4" Exposure Wear Pleats, Vinyl Loading Dock Seals With Drape Curtain (11 13 16 13-0041)

11 13 16 13-0059	LF	10" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	120.75	23.26
11 13 16 13-0060	LF	12" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	122.96	23.26
11 13 16 13-0061	LF	14" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	127.91	23.26
11 13 16 13-0062	LF	16" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	132.73	23.26
11 13 16 13-0063	LF	18" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	137.61	23.26
11 13 16 13-0064	LF	20" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	142.43	23.26
11 13 16 13-0065	LF	22" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	147.38	23.26

11 13 16 13-0066 Nylon Reinforced Vinyl Dock Air Sealing Systems (11 13 16 13)

11 13 16 13-0067	EA	8' Height x 8' Width x 10" Projection, Dock Air Sealing Systems Nylon Reinforced Vinyl Dock Seal (Grainger D-150-10)	2,132.74	349.09
		Note: Drilling for fasteners is not included due to differing conditions. Caulking is not included.		
11 13 16 13-0068	EA	8' Height x 8' Width x 12" Projection, Dock Air Sealing Systems Nylon Reinforced Vinyl Dock Seal (Grainger D-150-12)	2,127.99	349.09
		Note: Drilling for fasteners is not included due to differing conditions. Caulking is not included.		
11 13 16 13-0069	EA	8' Height x 8' Width x 20" Projection, Dock Air Sealing Systems Nylon Reinforced Vinyl Dock Seal (Grainger D-150-20)	2,705.15	349.09
		Note: Drilling for fasteners is not included due to differing conditions. Caulking is not included.		
11 13 16 13-0070	EA	9' Height x 8' Width x 10" Projection, Dock Air Sealing Systems Nylon Reinforced Vinyl Dock Seal (Grainger D-350-10)	2,384.51	349.09
		Note: Drilling for fasteners is not included due to differing conditions. Caulking is not included.		
11 13 16 13-0071	EA	9' Height x 8' Width x 12" Projection, Dock Air Sealing Systems Nylon Reinforced Vinyl Dock Seal (Grainger D-350-12)	2,460.51	349.09
		Note: Drilling for fasteners is not included due to differing conditions. Caulking is not included.		
11 13 16 13-0072	EA	9' Height x 8' Width x 20" Projection, Dock Air Sealing Systems Nylon Reinforced Vinyl Dock Seal (Grainger D-350-20)	2,766.90	349.09
		Note: Drilling for fasteners is not included due to differing conditions. Caulking is not included.		

11 13 16 23 Loading Dock Shelters (11 13 16)

11 13 16 23-0001 Retractable Vinyl Loading Dock Shelter (11 13 16 23)

11 13 16 23-0002	LF	Retractable Vinyl Dock Shelters, Scissor Arms	163.26	29.08
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11 13 16 23-0003 Rigid Loading Dock Shelters (11 13 16 23)

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 13 16 23-0004	LF			18" Projection, Rigid Loading Dock Shelter	121.53	27.91
11 13 16 23-0005	LF			24" Projection, Rigid Loading Dock Shelter	126.71	27.91
11 13 16 23-0006	LF			30" Projection, Rigid Loading Dock Shelter	131.60	29.08
11 13 16 23-0007	LF			36" Projection, Rigid Loading Dock Shelter	135.18	29.08

11 13 19 Stationary Loading Dock Equipment (11 13)

Note: Includes all anchor bolts and fasteners.

11 13 19 13 Loading Dock Levelers (11 13 19)

11 13 19 13-0001 Hydraulic Dock Levelers (11 13 19 13)

Note: Excludes control panel, remote operator, and electrical wiring.

11 13 19 13-0002 20,000 LB Hydraulic Dock Levelers (11 13 19 13-0001)

11 13 19 13-0003	EA			6' x 6', 20,000 LB Hydraulic Dock Leveler	8,158.63	948.24
11 13 19 13-0004	EA			6' x 8', 20,000 LB Hydraulic Dock Leveler	8,728.61	1,053.59
11 13 19 13-0005	EA			6' x 10', 20,000 LB Hydraulic Dock Leveler	10,676.05	1,264.31
11 13 19 13-0006	EA			7' x 6', 20,000 LB Hydraulic Dock Leveler	8,681.01	1,053.59
11 13 19 13-0007	EA			7' x 8', 20,000 LB Hydraulic Dock Leveler	9,428.70	1,158.95
11 13 19 13-0008	EA			7' x 10', 20,000 LB Hydraulic Dock Leveler	11,303.93	1,369.67

11 13 19 13-0009 25,000 LB Hydraulic Dock Levelers (11 13 19 13-0001)

11 13 19 13-0010	EA			6' x 6', 25,000 LB Hydraulic Dock Leveler	8,323.43	948.24
11 13 19 13-0011	EA			6' x 8', 25,000 LB Hydraulic Dock Leveler	8,898.48	1,053.59
11 13 19 13-0012	EA			6' x 10', 25,000 LB Hydraulic Dock Leveler	10,835.20	1,264.31
11 13 19 13-0013	EA			7' x 6', 25,000 LB Hydraulic Dock Leveler	8,841.59	1,053.59
11 13 19 13-0014	EA			7' x 8', 25,000 LB Hydraulic Dock Leveler	9,576.96	1,158.95
11 13 19 13-0015	EA			7' x 10', 25,000 LB Hydraulic Dock Leveler	11,616.11	1,369.67

11 13 19 13-0016 30,000 LB Hydraulic Dock Levelers (11 13 19 13-0001)

11 13 19 13-0017	EA			6' x 6', 30,000 LB Hydraulic Dock Leveler	8,720.63	1,106.28
11 13 19 13-0018	EA			6' x 8', 30,000 LB Hydraulic Dock Leveler	9,277.78	1,264.31
11 13 19 13-0019	EA			6' x 10', 30,000 LB Hydraulic Dock Leveler	11,295.60	1,475.03
11 13 19 13-0020	EA			7' x 6', 30,000 LB Hydraulic Dock Leveler	9,277.78	1,264.31
11 13 19 13-0021	EA			7' x 8', 30,000 LB Hydraulic Dock Leveler	9,981.79	1,422.35
11 13 19 13-0022	EA			7' x 10', 30,000 LB Hydraulic Dock Leveler	11,999.62	1,527.71

11 13 19 13-0023 35,000 LB Hydraulic Dock Levelers (11 13 19 13-0001)

11 13 19 13-0024	EA			6' x 6', 35,000 LB Hydraulic Dock Leveler	9,024.54	1,158.95
11 13 19 13-0025	EA			6' x 8', 35,000 LB Hydraulic Dock Leveler	9,583.24	1,316.99
11 13 19 13-0026	EA			6' x 10', 35,000 LB Hydraulic Dock Leveler	10,797.59	1,527.71
11 13 19 13-0027	EA			7' x 6', 35,000 LB Hydraulic Dock Leveler	9,583.24	1,316.99
11 13 19 13-0028	EA			7' x 8', 35,000 LB Hydraulic Dock Leveler	10,407.89	1,475.03
11 13 19 13-0029	EA			7' x 10', 35,000 LB Hydraulic Dock Leveler	12,472.09	1,580.39

11 13 19 13-0030 40,000 LB Hydraulic Dock Levelers (11 13 19 13-0001)

11 13 19 13-0031	EA			6' x 6', 40,000 LB Hydraulic Dock Leveler	9,543.24	1,158.95
11 13 19 13-0032	EA			6' x 8', 40,000 LB Hydraulic Dock Leveler	10,101.19	1,316.99
11 13 19 13-0033	EA			6' x 10', 40,000 LB Hydraulic Dock Leveler	12,151.46	1,527.71
11 13 19 13-0034	EA			7' x 6', 40,000 LB Hydraulic Dock Leveler	10,101.19	1,316.99
11 13 19 13-0035	EA			7' x 8', 40,000 LB Hydraulic Dock Leveler	10,926.78	1,475.03
11 13 19 13-0036	EA			7' x 10', 40,000 LB Hydraulic Dock Leveler	12,990.64	1,580.39

11 13 19 13-0037 45,000 LB Hydraulic Dock Levelers (11 13 19 13-0001)

11 13 19 13-0038	EA			6' x 6', 45,000 LB Hydraulic Dock Leveler	9,986.10	1,211.63
11 13 19 13-0039	EA			6' x 8', 45,000 LB Hydraulic Dock Leveler	10,553.76	1,369.67
11 13 19 13-0040	EA			6' x 10', 45,000 LB Hydraulic Dock Leveler	12,592.69	1,580.39
11 13 19 13-0041	EA			7' x 6', 45,000 LB Hydraulic Dock Leveler	10,553.36	1,369.67
11 13 19 13-0042	EA			7' x 8', 45,000 LB Hydraulic Dock Leveler	11,373.67	1,527.71
11 13 19 13-0043	EA			7' x 10', 45,000 LB Hydraulic Dock Leveler	13,423.13	1,633.07

11 13 19 13-0044 Manual Dock Levelers (11 13 19 13)

11 13 19 13-0045 20,000 LB Manual Dock Levelers (11 13 19 13-0044)

11 13 19 13-0046	EA			6' x 6', 20,000 LB Manual Dock Leveler	6,470.83	948.24
11 13 19 13-0047	EA			6' x 8', 20,000 LB Manual Dock Leveler	7,051.48	1,053.59
11 13 19 13-0048	EA			6' x 10', 20,000 LB Manual Dock Leveler	8,988.26	1,264.31
11 13 19 13-0049	EA			7' x 6', 20,000 LB Manual Dock Leveler	6,994.74	1,053.59
11 13 19 13-0050	EA			7' x 8', 20,000 LB Manual Dock Leveler	7,740.90	1,158.95
11 13 19 13-0051	EA			7' x 10', 20,000 LB Manual Dock Leveler	9,788.26	1,264.31

11 13 19 13-0052 40,000 LB Manual Dock Levelers (11 13 19 13-0044)

11 13 19 13-0053	EA			6' x 6', 40,000 LB Manual Dock Leveler	8,004.73	1,053.59
11 13 19 13-0054	EA			6' x 8', 40,000 LB Manual Dock Leveler	8,562.68	1,158.95
11 13 19 13-0055	EA			6' x 10', 40,000 LB Manual Dock Leveler	9,305.97	1,369.67
11 13 19 13-0056	EA			7' x 6', 40,000 LB Manual Dock Leveler	8,562.68	1,158.95
11 13 19 13-0057	EA			7' x 8', 40,000 LB Manual Dock Leveler	9,737.10	1,264.31

11	11 Equipment
	11 10 Vehicle and Pedestrian Equipment
	11 13 Loading Dock Equipment



		MINOR			TOTAL DIRECT	DEMOLITION
		CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
11 13 19 13-0058	EA			7' x 10', 40,000 LB Manual Dock Leveler.....	11,452.12	1,475.03
11 13 19 13-0059				Edge Of Dock Levelers <small>(11 13 19 13)</small>		
				Note: Mounted on face of dock, single torsion bar counter balance, includes bumpers.		
11 13 19 13-0060				Hydraulic Edge Of Dock Levelers <small>(11 13 19 13-0059)</small>		
				Note: Excludes control panel, remote operator, and electrical wiring.		
11 13 19 13-0061	EA			66" Usable Width, 20,000 LB Edge Of Dock Leveler, Hydraulic (Vestil PE-2066)	4,882.97	316.08
11 13 19 13-0062	EA			72" Usable Width, 20,000 LB Edge Of Dock Leveler, Hydraulic (Vestil PE-2072)	5,256.19	316.08
11 13 19 13-0063	EA			66" Usable Width, 25,000 LB Edge Of Dock Leveler, Hydraulic (Vestil PE-2566)	5,202.18	316.08
11 13 19 13-0064	EA			72" Usable Width, 25,000 LB Edge Of Dock Leveler, Hydraulic (Vestil PE-2572)	5,714.55	316.08
11 13 19 13-0065	EA			66" Usable Width, 20,000 LB Conventional Trailer, HED Series Edge Of Dock Leveler, Hydraulic (DLM HED6620)	5,072.73	316.08
11 13 19 13-0066	EA			72" Usable Width, 20,000 LB Conventional Trailer, HED Series Edge Of Dock Leveler, Hydraulic (DLM HED7220)	5,359.50	316.08
11 13 19 13-0067				Manual Edge Of Dock Levelers <small>(11 13 19 13-0059)</small>		
11 13 19 13-0068	EA			66" Usable Width, 20,000 LB Edge Of Dock Leveler, Manual (Vestil FM-2066)	2,505.47	316.08
11 13 19 13-0069	EA			72" Usable Width, 20,000 LB Edge Of Dock Leveler, Manual (Vestil FM-2072)	2,730.31	316.08
11 13 19 13-0070	EA			66" Usable Width, 25,000 LB Edge Of Dock Leveler, Manual (Vestil FM-2566)	2,799.07	316.08
11 13 19 13-0071	EA			72" Usable Width, 25,000 LB Edge Of Dock Leveler, Manual (Vestil FM-2572)	2,967.69	316.08
11 13 19 13-0072	EA			66" Usable Width, 25,000 LB Conventional Trailer, Edge Of Dock Leveler, Manual (Bluff Manufacturing 25EP66)	2,778.57	316.08
11 13 19 13-0073	EA			72" Usable Width, 25,000 LB Conventional Trailer, Edge Of Dock Leveler, Manual (Bluff Manufacturing 25EP72)	3,157.04	316.08
11 13 19 13-0074	EA			78" Usable Width, 25,000 LB Conventional Trailer, Edge Of Dock Leveler, Manual (Bluff Manufacturing 25EP78)	3,435.47	316.08
11 13 19 13-0075	EA			72" Usable Width, 30,000 LB Conventional Trailer, Edge Of Dock Leveler, Manual (Bluff Manufacturing 30EP72)	3,475.49	316.08
11 13 19 13-0076	EA			66" Usable Width, 20,000 LB Refrigerated Truck, Edge Of Dock Leveler, Manual (Bluff Manufacturing 20EP66-R)	3,095.35	316.08
11 13 19 13-0077	EA			78" Usable Width, 30,000 LB Refrigerated Truck, Edge Of Dock Leveler, Manual (Bluff Manufacturing 30EP78-R)	4,250.77	316.08
11 13 19 13-0078	EA			72" Usable Width, 30,000 LB Refrigerated Truck, Edge Of Dock Leveler, Manual (Bluff Manufacturing 30EP72-R)	4,002.35	316.08
11 13 19 23				Stationary Loading Dock Lifts <small>(11 13 19)</small>		
11 13 19 23-0001				Top Of Ground, Fixed Platform Lifts <small>(11 13 19 23)</small>		
11 13 19 23-0002	EA			6' x 8', 5,500 LB Top Of Ground, Fixed Platform Lift.....	16,775.02	234.29
11 13 19 23-0003				Pit Mounted, Fixed Platform Lifts <small>(11 13 19 23)</small>		
11 13 19 23-0004	EA			6' x 8', 5,000 LB Fixed Platform Lift, Pit Mounted	13,481.73	234.29
11 13 19 23-0005	EA			6' x 8', 8,000 LB Fixed Platform Lift, Pit Mounted	24,294.62	351.43
11 13 19 23-0006	EA			7' x 12', 15,000 LB Fixed Platform Lift, Pit Mounted.....	42,583.19	702.86
11 13 19 23-0007	EA			8' x 20', 15,000 LB Fixed Platform Lift, Pit Mounted.....	44,607.41	937.15
11 13 19 23-0008				Electric Powered Truck Scissor Dock Lift <small>(11 13 19 23)</small>		
11 13 19 23-0009	EA			5,000 lbs., 96" Length x 72" Width, Hydraulic, Truck Scissor Dock Lift (Global Industrial WL-100-5-68).....	13,634.60	657.57
11 13 19 23-0010	EA			6,000 lbs., 96" Length x 96" Width, Hydraulic, Truck Scissor Dock Lift (Global Industrial WL-100-6-88).....	16,602.34	657.57
11 13 19 26				Loading Dock Truck Lifts <small>(11 13 19)</small>		
11 13 19 26-0001				Hydraulic Truck Lifts <small>(11 13 19 26)</small>		
11 13 19 26-0002	EA			10' x 15', 60,000 LB Platform Truck Lift	38,879.51	1,700.93
11 13 19 26-0003	EA			10' x 20', 60,000 LB Platform Truck Lift	44,431.03	2,041.11
11 13 19 33				Loading Dock Truck Restraints <small>(11 13 19)</small>		
11 13 19 33-0001				Truck Restraint System <small>(11 13 19 33)</small>		
11 13 19 33-0002	EA			Truck Restraint System (Poweramp Powerstop AAL).....	9,138.60	395.09
				Note: Includes push button controls, warning lights, alarms, 30,000 LB holding force, all mounting plates, bolts, welds, warning signs, gasketed weatherproof box for controls, 120 V UL listed.		
11 13 19 33-0003	EA			Push Button Rotating Hook Trailer Restraint With Automatic Lights (Kelley Star 4).....	10,101.65	395.09
				Note: Includes push button controls, warning lights, alarms, 32,000 LB holding force, all mounting plates, bolts, welds, warning signs, gasketed weatherproof box for controls, 120 V UL listed.		
11 13 23				Portable Dock Equipment <small>(11 13)</small>		
11 13 23 23				Portable Dock Platforms <small>(11 13 23)</small>		
11 13 23 23-0001	EA			6' x 6', 5,000 LB Capacity Portable Platform Lift.....	14,648.95	102.74
11 13 26				Loading Dock Lights <small>(11 13)</small>		
11 13 26 00-0001				Communication Lights <small>(11 13 26)</small>		
11 13 26 00-0002	EA			Console Controlled, Dock Communication Light, Stop And Go Red Light Style, 12 Or 24 Volt DC Or 115 Volt AC.....	373.84	85.85
				Note: Excludes control console.		
11 13 26 00-0003	EA			Toggle Switch Controlled, Dock Communication Light, Stop And Go Red Light Style, With Solid State Flasher, 12 Or 24 Volt DC Or 115 Volt AC	468.86	85.85
11 13 26 00-0004	EA			Dock Guide Light For Truck Backing	201.35	68.68
11 13 26 00-0005				Communication Lights Controls <small>(11 13 26)</small>		
11 13 26 00-0006	EA			Dock Communication Lights Control Console For Up To Two Docks.....	391.81	114.47

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION	UNIT COST	UNIT COST		

11 13 26 00-0007			Loading Dock Lights (11 13 26)						
11 13 26 00-0008			Incandescent Loading Dock Lights (11 13 26 00-0007)						
11 13 26 00-0009	EA		24" Long, Single Arm Loading Dock Light, 300W Incandescent.....	484.24				114.47	
11 13 26 00-0010	EA		40" Long, Dual Arm Loading Dock Light, 300W Incandescent.....	425.75				114.47	
11 13 26 00-0011	EA		60" Long, Dual Arm Loading Dock Light, 300W Incandescent.....	573.31				114.47	
11 13 26 00-0012			Metal Halide Loading Dock Lights (11 13 26 00-0007)						
11 13 26 00-0013	EA		24" Long, Single Arm Loading Dock Light, 100W Metal Halide.....	686.41				114.47	
11 13 26 00-0014	EA		40" Long, Dual Arm Loading Dock Light, 100W Metal Halide.....	755.74				114.47	
11 13 26 00-0015	EA		60" Long, Dual Arm Loading Dock Light, 100W Metal Halide.....	811.17				114.47	
11 13 26 00-0016			Quartz Halogen Loading Dock Lights (11 13 26 00-0007)						
11 13 26 00-0017	EA		24" Long, Single Arm Loading Dock Light, 500W Quartz Halogen.....	417.96				114.47	
11 13 26 00-0018	EA		40" Long, Dual Arm Loading Dock Light, 500W Quartz Halogen.....	461.82				114.47	
11 13 26 00-0019	EA		60" Long, Dual Arm Loading Dock Light, 500W Quartz Halogen.....	499.25				114.47	

11 14 Pedestrian Control Equipment (11 10)

11 14 13 Pedestrian Gates (11 14)

11 14 13 16 Rotary Gates (11 14 13)

11 14 13 16-0001			Access Control Indoor Or Outdoor Impenetrability (11 14 13 16)						
11 14 13 16-0002			Mechanical (11 14 13 16-0001)						
11 14 13 16-0003			Galvanized Steel (11 14 13 16-0002)						
11 14 13 16-0004	EA		One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Galvanized Steel.....	12,230.89				1,557.79	
11 14 13 16-0005	EA		One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Galvanized Steel.....	13,806.10				1,557.79	
11 14 13 16-0006	EA		One-Way, "Handicapped" 7' High Exit Rotary Gate, 4 Rotor Sections, Galvanized Steel.....	27,489.08				2,324.15	
11 14 13 16-0007	EA		One-Way, Double 7' High Exit Rotary Gate, 3 Or 4 Rotor Sections, Galvanized Steel.....	26,620.40				2,324.15	
11 14 13 16-0008			Powder Coated Steel (11 14 13 16-0002)						
11 14 13 16-0009	EA		One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel.....	13,826.36				1,557.79	
11 14 13 16-0010	EA		One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Powder Coated Steel.....	15,340.76				1,557.79	
11 14 13 16-0011	EA		One-Way, "Handicapped" 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel.....	32,443.45				2,324.15	
11 14 13 16-0012	EA		One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel.....	29,238.03				2,324.15	
11 14 13 16-0013			Anodized Aluminum (11 14 13 16-0002)						
11 14 13 16-0014	EA		One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms.....	14,518.41				1,557.79	
11 14 13 16-0015	EA		One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Complete Anodized Aluminum.....	25,119.20				1,557.79	
11 14 13 16-0016	EA		One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms.....	29,110.62				2,324.15	
11 14 13 16-0017	EA		One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Complete Anodized Aluminum.....	49,078.68				2,324.15	
11 14 13 16-0018			Stainless Steel (11 14 13 16-0002)						
11 14 13 16-0019	EA		One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel.....	22,901.17				1,557.79	
11 14 13 16-0020	EA		One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Stainless Steel.....	25,698.32				1,557.79	
11 14 13 16-0021	EA		One-Way, "Handicapped" 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel.....	36,755.00				2,324.15	
11 14 13 16-0022	EA		One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel.....	45,847.19				2,324.15	
11 14 13 16-0023			Transparent (11 14 13 16-0002)						
11 14 13 16-0024	EA		One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Transparent.....	45,388.40				1,558.03	
11 14 13 16-0025			Mechanical Options (11 14 13 16-0001)						
11 14 13 16-0026	EA		Out-of-Use Lock Option, Add.....	246.13					
11 14 13 16-0027	EA		Heel Protector (Each Heel Protector), Add.....	173.74					
11 14 13 16-0028			Electrical, One-Way (11 14 13 16-0001)						
11 14 13 16-0029			Galvanized Steel (11 14 13 16-0028)						
11 14 13 16-0030	EA		One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel.....	12,928.73				1,557.79	
11 14 13 16-0031	EA		One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel.....	14,506.83				1,557.79	
11 14 13 16-0032	EA		One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel.....	30,095.12				2,324.15	
11 14 13 16-0033	EA		One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel.....	27,746.79				2,324.15	
11 14 13 16-0034	EA		One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel.....	30,095.12				2,324.15	
11 14 13 16-0035			Powder Coated Steel (11 14 13 16-0028)						
11 14 13 16-0036	EA		One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel.....	14,521.31				1,557.79	
11 14 13 16-0037	EA		One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel.....	16,284.73				1,557.79	
11 14 13 16-0038	EA		One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel.....	40,255.78				2,324.15	
11 14 13 16-0039	EA		One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel.....	30,378.89				2,324.15	
11 14 13 16-0040	EA		One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel.....	32,733.01				2,324.15	

11 Equipment
11 10 Vehicle and Pedestrian Equipment
11 14 Pedestrian Control Equipment

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 14 13 16-0041			Anodized Aluminum (11 14 13 16-0028)		
11 14 13 16-0042	EA		One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms.....	14,810.87	1,557.79
11 14 13 16-0043	EA		One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms.....	15,708.50	1,557.79
11 14 13 16-0044	EA		One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum.....	25,987.88	1,557.79
11 14 13 16-0045	EA		One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms.....	30,706.09	2,324.15
11 14 13 16-0046	EA		One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms.....	34,148.96	2,324.15
11 14 13 16-0047	EA		One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum.....	50,581.49	2,324.15
11 14 13 16-0048			Stainless Steel (11 14 13 16-0028)		
11 14 13 16-0049	EA		One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel.....	24,363.45	1,557.79
11 14 13 16-0050	EA		One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel.....	26,071.86	1,557.79
11 14 13 16-0051	EA		One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel.....	42,187.15	2,324.15
11 14 13 16-0052	EA		One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel.....	48,079.69	2,324.15
11 14 13 16-0053	EA		One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel.....	52,999.32	2,324.15
11 14 13 16-0054			Transparent (11 14 13 16-0028)		
11 14 13 16-0055	EA		One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms.....	41,401.16	1,558.03
11 14 13 16-0056	EA		One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms.....	43,821.88	1,558.03
11 14 13 16-0057	EA		One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Panels.....	44,878.78	1,558.03
11 14 13 16-0058	EA		One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms.....	73,818.68	2,324.15
11 14 13 16-0059	EA		One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms.....	78,480.60	2,324.15
11 14 13 16-0060			Electrical, Two-Way (11 14 13 16-0001)		
11 14 13 16-0061			Galvanized Steel (11 14 13 16-0060)		
11 14 13 16-0062	EA		Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel.....	13,936.40	1,557.79
11 14 13 16-0063	EA		Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel.....	15,560.83	1,557.79
11 14 13 16-0064	EA		Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel.....	35,631.51	2,324.15
11 14 13 16-0065	EA		Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel.....	29,544.96	2,324.15
11 14 13 16-0066			Powder Coated Steel (11 14 13 16-0060)		
11 14 13 16-0067	EA		Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel.....	15,404.47	1,557.79
11 14 13 16-0068	EA		Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel.....	17,269.23	1,557.79
11 14 13 16-0069	EA		Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel.....	41,130.25	2,324.15
11 14 13 16-0070	EA		Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel.....	32,191.54	2,324.15
11 14 13 16-0071			Anodized Aluminum (11 14 13 16-0060)		
11 14 13 16-0072	EA		Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms.....	15,804.06	1,557.79
11 14 13 16-0073	EA		Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms.....	16,661.16	1,557.79
11 14 13 16-0074	EA		Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum.....	27,143.23	1,557.79
11 14 13 16-0075	EA		Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms.....	32,730.12	2,324.15
11 14 13 16-0076	EA		Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum.....	52,460.74	2,324.15
11 14 13 16-0077			Stainless Steel (11 14 13 16-0060)		
11 14 13 16-0078	EA		Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel.....	25,342.17	1,557.79
11 14 13 16-0079	EA		Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel.....	27,079.53	1,557.79
11 14 13 16-0080	EA		Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel.....	42,905.26	2,324.15
11 14 13 16-0081	EA		Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel.....	49,527.49	2,324.15
11 14 13 16-0082	EA		Two-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel.....	54,997.28	2,324.15
11 14 13 16-0083			Transparent (11 14 13 16-0060)		
11 14 13 16-0084	EA		Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms.....	42,240.89	1,558.03
11 14 13 16-0085	EA		Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms.....	44,516.83	1,558.03
11 14 13 16-0086	EA		Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Panels.....	45,822.74	1,558.03
11 14 13 16-0087	EA		Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms.....	75,585.00	2,324.15
11 14 13 16-0088	EA		One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms.....	79,928.40	2,324.15
11 14 13 16-0089			Electrical Options (11 14 13 16-0001)		
11 14 13 16-0090	EA		Additional Set Of Electric Controls, Per Rotor, Add.....	964.23	
11 14 13 16-0091	EA		Indicator Lights, Set, Red/Green, Per Controlled Direction, Add.....	677.57	
11 14 13 16-0092	EA		Time-Out-Relay, Per Controlled Direction.....	222.96	
11 14 13 16-0093	EA		Pulse-Relay, Per Controlled Direction.....	222.96	
11 14 13 16-0094	EA		Pushbutton, Per Controlled Direction.....	176.63	
11 14 13 16-0095	EA		Heel Protectors, (Per Heel Protector), Add.....	173.74	
11 14 13 16-0096	EA		Card Reader Mounting Pad, Per Reader.....	159.26	
11 14 13 16-0097	EA		Hydraulic Speed Control (Per Rotor), Add.....	4,045.15	
11 14 13 16-0098			Relocate Rotary Gate (11 14 13 16-0001)		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 14 13 16-0099	EA			Relocate Rotary Gate	4,575.96	
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11 14 13 19 Turnstiles (11 14 13)

11 14 13 19-0001 Turnstiles (11 14 13 19)

11 14 13 19-0002	EA			24" Diameter Manual Turnstile, Three Arm, Two Way	2,656.00	439.29
11 14 13 19-0003	EA			24" Diameter Manual Turnstile, Three Arm, Two Way With Counter	3,471.33	439.29

11 14 16 Pedestrian Control Devices (11 14)

11 14 16 00-0001 Retractable Barrier (11 14 16)

11 14 16 00-0002	EA			Wall Mounted, Retractable Belt Barrier With Receiver; 6-1/2' (WG269387BK)	90.79	18.49
11 14 16 00-0003	EA			Wall Mounted, Retractable Belt Barrier With Receiver; 10' (WGB2093791)	167.27	18.49
11 14 16 00-0004	EA			Wall Mounted, Retractable Belt Barrier With Receiver; 15' (WGB2093770)	205.51	18.49
11 14 16 00-0005	EA			Wall Mounted, Retractable Belt Barrier With Receiver; 30' (WGB2093771)	339.35	18.49

11 20 Commercial Equipment (11)

11 21 Retail and Service Equipment (11 20)

11 21 63 Refrigerated Display Equipment (11 21)

11 21 63 00-0001 Dairy Products (11 21 63)

11 21 63 00-0002 Refrigerated Dairy Case (11 21 63 00-0001)

11 21 63 00-0003	LF			Refrigerated Case, Dairy, Multi-Deck	2,413.63	348.36
				<i>For Rear Sliding Doors, Add</i>	19.95	

11 21 63 00-0004 Refrigerated Milk Unit (11 21 63 00-0001)

11 21 63 00-0005	EA			46" x 32" x 49-1/2" Capacity: 12, 13" x 13" x 11" Refrigerated Milk Unit	13,335.89	252.85
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11 21 63 00-0006 Refrigerated Ice Cream And Milk Dispenser (11 21 63 00-0001)

11 21 63 00-0007	EA			63-1/2" x 28-1/2" x 35-3/8" Refrigerated Ice Cream And Milk Dispenser	14,787.68	277.67
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11 21 63 00-0008 Ice Cream Dispenser (11 21 63 00-0001)

11 21 63 00-0009	EA			46" x 28-1/2" x 35-3/8" Refrigerated Ice Cream Dispenser	12,349.66	233.80
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11 21 63 00-0010 Drop-In Ice Cream Freezer (11 21 63 00-0001)

11 21 63 00-0011	EA			27-7/8" x 16-9/16" x 28-1/4" 6 Gallon Drop-In Ice Cream Freezer	3,079.76	58.19
11 21 63 00-0012	EA			30" x 27-7/8" x 28-1/4" 12 Gallon Drop-In Ice Cream Freezer	4,024.55	76.08

11 21 63 00-0013 Ice Cream Cabinets (11 21 63 00-0001)

11 21 63 00-0014	EA			46" x 32" x 42", 24 Gallon Ice Cream Cabinet	9,646.57	181.84
11 21 63 00-0015	EA			68" x 32" x 42", 48 Gallon Ice Cream Cabinet	13,738.58	262.43

11 21 63 00-0016 Delicatessen Case, Service Deli (11 21 63)

11 21 63 00-0017	LF			Delicatessen Case, Single-Deck	2,484.68	290.30
11 21 63 00-0018	LF			Delicatessen Case, Multi-Deck	2,724.31	348.36
11 21 63 00-0019	EA			Delicatessen Case, 3 Shelf, 32" x 23" x 23"	3,554.17	82.00

11 21 63 00-0020 Meat Case (11 21 63)

11 21 63 00-0021	LF			Meat Case, Single - Deck	1,700.08	348.36
11 21 63 00-0022	LF			Meat Case, Multi - Deck	1,848.82	348.36

11 21 63 00-0023 Produce Case (11 21 63)

11 21 63 00-0024	LF			Single Deck Produce Case	1,786.23	348.36
11 21 63 00-0025	LF			Multi-Deck Produce Case	1,986.27	348.36

11 21 63 00-0026 Bottle Coolers (11 21 63)

11 21 63 00-0027	EA			Bottle Cooler, 6' Long	6,787.21	1,161.19
11 21 63 00-0028	EA			Bottle Cooler, 10' Long	10,055.25	1,741.78

11 21 63 00-0029 Cold Pan Units (11 21 63)

11 21 63 00-0030	EA			5" x 48", Iced, Cold Pan Units	4,937.47	92.59
11 21 63 00-0031	EA			5" x 72", Iced, Cold Pan Units	6,858.99	129.54
11 21 63 00-0032	EA			8" x 72", Iced, Cold Pan Units	8,110.02	153.21
11 21 63 00-0033	EA			5" x 48", Mechanical, Cold Pan Units	8,336.50	158.29
11 21 63 00-0034	EA			8" x 48", Mechanical, Cold Pan Units	9,074.62	170.87
11 21 63 00-0035	EA			8" x 72", Mechanical, Cold Pan Units	10,783.48	201.93

11	11 Equipment
	11 20 Commercial Equipment
	11 21 Retail and Service Equipment



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 21 63 00-0036			Cold Cabinets (Insulated) <small>(11 21 63)</small>		
11 21 63 00-0037	EA		69-3/4" x 32" x 24", Insulated Cold Cabinet	4,486.57	80.13

11 28 Office Equipment (11 20)

11 28 13 Computers (11 28)

11 28 13 00-0001 Accessories (11 28 13)

11 28 13 00-0002	EA		32" Wall Track, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AN-KN-020)	1,116.48	57.13
11 28 13 00-0003	EA		32" Wall Track, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AN-KU-020)	1,372.25	62.85
11 28 13 00-0004	EA		32" Wall Track, eDesk, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AN-EN-020)	1,790.23	68.56
11 28 13 00-0005	EA		32" Wall Track, eDesk, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AN-EU-020)	1,935.98	74.27
11 28 13 00-0006	EA		32" Wall Track, 18" Extension Arm, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AA-KN-020)	1,427.52	62.85
11 28 13 00-0007	EA		32" Wall Track, 18" Extension Arm, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AA-KU-020)	1,490.04	62.85
11 28 13 00-0008	EA		32" Wall Track, eDesk, 18" Extension Arm, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AA-EN-020)	2,112.71	79.99
11 28 13 00-0009	EA		32" Wall Track, eDesk, 18" Extension Arm, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AA-EU-020)	2,247.03	79.99
11 28 13 00-0010	EA		25" Wall Track, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (Ergotron 45-271-026)	1,185.03	62.85
11 28 13 00-0011	EA		37" To 61" Universal Tilt Flat Monitor Wall Mount (Premier Mounts CTM-MS2)	325.29	62.85
11 28 13 00-0012	EA		32" To 56" Universal Tilt Flat Monitor Wall Mount (Peerless ST650P)	231.89	62.85

11 30 Residential Equipment (11)

11 32 Unit Kitchens (11 30)

11 32 13 Metal Unit Kitchens (11 32)

Note: Includes electrical hook-up to outlet, supply line connection to service stops, and drain line and p-trap. Excludes garbage disposer and hood exhaust vent piping.

11 32 13 00-0001 30" Compact Kitchen (11 32 13)

11 32 13 00-0002	EA		30" Compact Unit Kitchen With Refrigerator, Range And Sink	2,334.97	580.36
			<i>For Gas Unit, Add</i>	234.17	
11 32 13 00-0003	EA		30" Compact Unit Kitchen With Refrigerator And Sink	1,947.72	406.25
11 32 13 00-0004	EA		30" Compact Unit Kitchen With Refrigerator And Range	1,771.89	348.22
11 32 13 00-0005	EA		30" Compact Unit Kitchen Cabinet For Upper Wall Section	587.94	348.95
11 32 13 00-0006	EA		30" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section	1,141.41	232.63
			<i>For Range Hood In Upper Section, Add</i>	179.00	
11 32 13 00-0007	EA		30" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	70.10	16.44
11 32 13 00-0008	EA		30" Compact Unit Kitchen Stainless Steel Shield For Side Wall	63.49	16.44

11 32 13 00-0009 42" Compact Kitchen (11 32 13)

11 32 13 00-0010	EA		42" Compact Unit Kitchen With Refrigerator, Range And Sink	2,702.78	638.40
			<i>For Gas Unit, Add</i>	277.74	
11 32 13 00-0011	EA		42" Compact Unit Kitchen With Refrigerator And Sink	2,414.87	522.32
11 32 13 00-0012	EA		42" Compact Unit Kitchen Cabinet For Upper Wall Section	734.05	197.74
11 32 13 00-0013	EA		42" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section	1,320.06	261.70
			<i>For Range Hood In Upper Section, Add</i>	179.00	
11 32 13 00-0014	EA		42" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	83.59	16.44
11 32 13 00-0015	EA		42" Compact Unit Kitchen Stainless Steel Shield For Side Wall	70.55	16.44

11 32 13 00-0016 54" Compact Kitchen (11 32 13)

11 32 13 00-0017	EA		54" Compact Unit Kitchen With Refrigerator, Oven, Range And Sink	3,636.53	812.51
			<i>For Gas Unit, Add</i>	382.98	
11 32 13 00-0018	EA		54" Compact Unit Kitchen Cabinet For Upper Wall Section	903.41	116.31
11 32 13 00-0019	EA		54" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section	1,467.83	290.79
			<i>For Range Hood In Upper Section, Add</i>	179.00	
11 32 13 00-0020	EA		54" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	96.94	16.44
11 32 13 00-0021	EA		54" Compact Unit Kitchen Stainless Steel Shield For Side Wall	73.66	16.44

11 32 13 00-0022 60" Compact Kitchen (11 32 13)

11 32 13 00-0023	EA		60" Compact Unit Kitchen With Refrigerator, Oven, Range, And Sink	3,832.26	870.54
			<i>For Gas Unit, Add</i>	400.73	
11 32 13 00-0024	EA		60" Compact Unit Kitchen Cabinet For Upper Wall Section	1,079.47	290.79
11 32 13 00-0025	EA		60" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	102.52	16.44
11 32 13 00-0026	EA		60" Compact Unit Kitchen Stainless Steel Shield For Side Wall	73.66	16.44

11 32 13 00-0027 72" Compact Kitchen (11 32 13)

11 32 13 00-0028	EA		72" Compact Unit Kitchen With Refrigerator, Oven, Range And Sink	4,107.66	928.58
			<i>For Gas Unit, Add</i>	430.43	
11 32 13 00-0029	EA		72" Compact Unit Kitchen Cabinet For Upper Wall Section	1,315.29	348.95
11 32 13 00-0030	EA		72" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	119.28	20.55
11 32 13 00-0031	EA		72" Compact Unit Kitchen Stainless Steel Shield For Side Wall	77.39	20.55

		Equipment	11
		Foodservice Equipment	11 40
		Unit Kitchens	11 32
MINOR		TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION		UNIT COST	UNIT COST

11 40 Foodservice Equipment ⁽¹¹⁾

11 41 Foodservice Storage Equipment ^(11 40)

11 41 13 Refrigerated Food Storage Cases ^(11 41)

11 41 13 00-0001	Frozen Food Cases ^(11 41 13)			
11 41 13 00-0002	LF	Chest Type Frozen Food Case.....	1,771.01	348.36
11 41 13 00-0003	LF	Reach-in Frozen Food Case (Glass Door)	3,684.53	348.36
11 41 13 00-0004	LF	Island Type Frozen Food Case.....	2,112.70	348.36
11 41 13 00-0005	LF	Multi-Deck Frozen Food Case.....	3,519.17	348.36

11 41 13 00-0006 Reach-In Refrigeration ^(11 41 13)

11 41 13 00-0007 Reach-In Refrigerators ^(11 41 13 00-0006)

11 41 13 00-0008	EA	Single Section, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator.....	6,136.45	161.61
11 41 13 00-0009	EA	Two Section, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator	7,556.28	203.84
11 41 13 00-0010	EA	Three Section, 69.1 CF, Full Door, Self Contained, Reach-In Refrigerator	10,118.98	225.19
11 41 13 00-0011	EA	Single Section, Glass Door, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator	5,706.79	161.61
11 41 13 00-0012	EA	Two Section, Glass Door, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator	7,426.96	203.84
11 41 13 00-0013	EA	Three Section, Glass Door, 61.1 CF, Full Door, Self Contained, Reach-In Refrigerator.....	9,894.96	225.19
11 41 13 00-0014	EA	Single Section, Pass-Thru, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator	7,387.50	161.61
11 41 13 00-0015	EA	Two Section, Pass-Thru, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator.....	10,000.53	203.84
11 41 13 00-0016	EA	Single Section, Pass-Thru, Glass Door, 25.6 CF, Full Door, Self Contained, Reach-In Refrigerator.....	7,768.60	161.61
11 41 13 00-0017	EA	Two Section, Pass-Thru, Glass Door, 48.8 CF, Full Door, Self Contained, Reach-In Refrigerator.....	11,204.52	203.84
11 41 13 00-0018	EA	One Section, 12.6 CF, Self-Closing, Double Pane Tempered Glass Door, Merchandiser Refrigerator (Summit SCR1400WLH).....	1,763.03	46.93
11 41 13 00-0019	EA	One Section, 20.6 CF, Stainless Steel, Glass Door, Upright Refrigerator (Avantco SS-1R-G-HC 29)	2,550.08	46.93

11 41 13 00-0020 Reach-In Freezers ^(11 41 13 00-0006)

11 41 13 00-0021	EA	Single Section, 24.2 CF, Full Door, Self Contained, Reach-In Freezer	6,912.16	161.81
11 41 13 00-0022	EA	Two Section, 46.0 CF, Full Door, Self Contained, Reach-In Freezer.....	9,171.03	203.55

11 41 23 Walk-In-Coolers ^(11 41)

11 41 23 00-0001 Walk-In Refrigerated Boxes ^(11 41 23)

Note: Overall height includes 4" floor panel and 4" ceiling panel. See CSI section 11 41 23 00-0171 for air cooled condensing units for coolers and freezers, 11 41 23 00-0282 for accessories, 21 13 16 00-0000 for dry-pipe sprinkler heads, 26 50 00 00-0000 for lighting.

11 41 23 00-0002 Walk-In Refrigerated Unit, 7'6" High With Floor ^(11 41 23 00-0001)

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 6', 7', 8' and 9' wide.

11 41 23 00-0003	EA	6' x 6' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	7,692.58	1,405.74
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-1,454.48	
11 41 23 00-0004	EA	6' x 8' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	9,139.86	1,581.45
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-1,757.82	
11 41 23 00-0005	EA	6' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	9,723.21	1,757.17
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-1,845.08	
11 41 23 00-0006	EA	6' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	11,059.80	2,108.60
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,062.46	
11 41 23 00-0007	EA	6' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	12,772.81	2,460.04
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,373.63	
11 41 23 00-0008	EA	6' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	14,169.73	2,811.47
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,605.11	
11 41 23 00-0009	EA	6' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	15,543.73	3,162.90
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,831.63	
11 41 23 00-0010	EA	8' x 8' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	10,079.58	1,757.17
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-1,934.17	
11 41 23 00-0011	EA	8' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	11,036.37	1,932.88
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,114.97	
11 41 23 00-0012	EA	8' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	12,493.55	2,284.31
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,361.61	
11 41 23 00-0013	EA	8' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	14,353.85	2,635.76
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,709.88	
11 41 23 00-0014	EA	8' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	15,830.56	2,987.19
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,962.27	
11 41 23 00-0015	EA	8' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	17,350.61	3,338.62
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,224.58	
11 41 23 00-0016	EA	8' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	18,825.31	3,690.05
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,476.97	

11 Equipment

11 40 Foodservice Equipment

11 41 Foodservice Storage Equipment



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

11 41 23 00-0017	EA	8' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	20,341.98	4,041.49
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,737.97	
11 41 23 00-0018	EA	8' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	21,823.88	4,392.92
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,991.67	

11 41 23 00-0019 Walk-In Refrigerated Unit, 7'6" High With Floor (11 41 23 00-0001)

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 10', 11' and 12' wide.

11 41 23 00-0020	EA	10' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	12,466.47	2,108.60
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,414.12	
11 41 23 00-0021	EA	10' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	14,040.48	2,460.04
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,690.55	
11 41 23 00-0022	EA	10' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	15,676.73	2,811.47
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,981.86	
11 41 23 00-0023	EA	10' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	17,230.48	3,162.90
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,253.32	
11 41 23 00-0024	EA	10' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	18,885.23	3,514.33
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,550.90	
11 41 23 00-0025	EA	10' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	20,442.25	3,865.77
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,821.06	
11 41 23 00-0026	EA	10' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	22,100.77	4,217.21
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,120.21	
11 41 23 00-0027	EA	10' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	23,647.59	4,568.64
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,390.10	
11 41 23 00-0028	EA	10' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	25,307.34	4,920.07
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,687.69	
11 41 23 00-0029	EA	10' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	26,865.25	5,271.50
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,959.14	
11 41 23 00-0030	EA	10' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	28,757.43	5,798.66
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,256.99	
11 41 23 00-0031	EA	10' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	30,528.46	6,325.81
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,526.88	
11 41 23 00-0032	EA	12' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	15,466.85	2,635.76
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,988.13	
11 41 23 00-0033	EA	12' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	17,257.09	2,987.19
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,318.90	
11 41 23 00-0034	EA	12' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	18,918.22	3,338.62
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,616.48	
11 41 23 00-0035	EA	12' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	20,700.17	3,690.05
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,945.68	
11 41 23 00-0036	EA	12' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	22,369.42	4,041.49
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,244.83	
11 41 23 00-0037	EA	12' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	24,152.30	4,392.92
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,573.77	
11 41 23 00-0038	EA	12' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	25,806.17	4,744.35
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,871.36	
11 41 23 00-0039	EA	12' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	27,601.67	5,095.79
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,202.12	
11 41 23 00-0040	EA	12' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	29,381.89	5,535.09
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,499.71	
11 41 23 00-0041	EA	12' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	31,400.75	6,062.23
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,828.91	
11 41 23 00-0042	EA	12' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	33,298.08	6,589.38
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,128.06	
11 41 23 00-0043	EA	12' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	35,309.11	7,116.54
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,457.00	
11 41 23 00-0044	EA	12' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	37,194.97	7,643.68
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,754.58	

11 41 23 00-0045	Walk-In Refrigerated Unit, 7'6" High With Floor <small>(11 41 23 00-0001)</small> Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 13', 14' and 15' wide.		
11 41 23 00-0046	EA 14' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	20,231.94	3,162.90
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,003.68	
11 41 23 00-0047	EA 14' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	22,206.48	3,514.33
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,381.22	
11 41 23 00-0048	EA 14' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	24,334.11	3,865.77
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,794.02	
11 41 23 00-0049	EA 14' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	26,307.20	4,217.21
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,171.82	
11 41 23 00-0050	EA 14' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	28,419.40	4,568.64
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,583.05	
11 41 23 00-0051	EA 14' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	30,406.26	4,920.07
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,962.42	
11 41 23 00-0052	EA 14' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	32,523.28	5,271.50
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,373.65	
11 41 23 00-0053	EA 14' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	34,735.26	5,798.66
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,751.45	
11 41 23 00-0054	EA 14' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	37,077.94	6,325.81
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,164.25	
11 41 23 00-0055	EA 14' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	39,319.06	6,852.95
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,541.79	
11 41 23 00-0056	EA 14' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	41,648.03	7,380.11
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,953.28	
11 41 23 00-0057	EA 14' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	43,872.54	7,819.40
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,332.38	
11 41 23 00-0058	Walk-In Refrigerated Unit, 7'6" High With Floor <small>(11 41 23 00-0001)</small> Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 16', 17' and 18' wide.		
11 41 23 00-0059	EA 16' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	24,212.67	3,690.05
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,823.81	
11 41 23 00-0060	EA 16' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	26,471.34	4,041.49
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,270.31	
11 41 23 00-0061	EA 16' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	28,659.71	4,392.92
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,700.62	
11 41 23 00-0062	EA 16' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	30,915.55	4,744.35
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,148.70	
11 41 23 00-0063	EA 16' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	33,109.21	5,095.79
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,579.01	
11 41 23 00-0064	EA 16' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	35,485.13	5,535.09
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,025.52	
11 41 23 00-0065	EA 16' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	37,914.71	6,062.23
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,457.40	
11 41 23 00-0066	EA 16' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	40,401.46	6,589.38
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,903.90	
11 41 23 00-0067	EA 16' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	42,817.98	7,116.54
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,334.21	
11 41 23 00-0068	EA 16' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	45,305.80	7,643.68
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,782.29	
11 41 23 00-0069	EA 18' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	28,286.57	4,217.21
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,666.66	
11 41 23 00-0070	EA 18' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	30,597.33	4,568.64
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,127.54	
11 41 23 00-0071	EA 18' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	33,022.08	4,920.07
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,616.37	
11 41 23 00-0072	EA 18' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	35,332.45	5,271.50
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,075.94	
11 41 23 00-0073	EA 18' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	37,993.81	5,798.66
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,566.08	

11 Equipment
11 40 Foodservice Equipment
11 41 Foodservice Storage Equipment



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0074	EA		18' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	40,523.55	6,325.81
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,025.65	
11 41 23 00-0075	EA		18' x 30' Walk-in Refrigerated Box, 7' 6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	43,209.87	6,852.95
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,514.49	
11 41 23 00-0076	EA		18' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	45,736.36	7,380.11
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,975.37	
11 41 23 00-0077	EA		18' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	48,399.81	7,907.26
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-9,464.20	
11 41 23 00-0078	EA		18' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	51,154.87	8,551.56
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-9,923.77	
11 41 23 00-0079			Walk-In Refrigerated Unit, 8'6" High With Floor <small>(11 41 23 00-0001)</small> Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 6', 7', 8' and 9' wide.		
11 41 23 00-0080	EA		6' x 6' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	8,070.90	1,405.74
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-1,549.06	
11 41 23 00-0081	EA		6' x 8' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	9,286.18	1,581.45
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-1,794.40	
11 41 23 00-0082	EA		6' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	10,203.94	1,757.17
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-1,965.26	
11 41 23 00-0083	EA		6' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	11,611.60	2,108.60
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,200.41	
11 41 23 00-0084	EA		6' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	13,355.96	2,460.04
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,519.42	
11 41 23 00-0085	EA		6' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	14,823.95	2,811.47
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,768.67	
11 41 23 00-0086	EA		6' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	16,229.30	3,162.90
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,003.02	
11 41 23 00-0087	EA		8' x 8' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	10,600.03	1,757.17
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,064.29	
11 41 23 00-0088	EA		8' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	11,588.17	1,932.88
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,252.92	
11 41 23 00-0089	EA		8' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	13,116.42	2,284.31
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,517.33	
11 41 23 00-0090	EA		8' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	15,008.06	2,635.76
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,873.43	
11 41 23 00-0091	EA		8' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	16,555.84	2,987.19
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,143.59	
11 41 23 00-0092	EA		8' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	18,107.24	3,338.62
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,413.74	
11 41 23 00-0093	EA		8' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	19,653.01	3,690.05
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,683.89	
11 41 23 00-0094	EA		8' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	21,201.03	4,041.49
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,952.74	
11 41 23 00-0095	EA		8' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	22,753.99	4,392.92
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,224.19	
11 41 23 00-0096			Walk-In Refrigerated Unit, 8'6" High With Floor <small>(11 41 23 00-0001)</small> Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 10', 11' and 12' wide.		
11 41 23 00-0097	EA		10' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	13,049.62	2,108.60
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,559.91	
11 41 23 00-0098	EA		10' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	14,694.70	2,460.04
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,854.10	
11 41 23 00-0099	EA		10' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	16,362.30	2,811.47
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,153.25	
11 41 23 00-0100	EA		10' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	17,987.12	3,162.90
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,442.48	
11 41 23 00-0101	EA		10' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	19,673.22	3,514.33
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,747.90	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 41 23 00-0102	EA			10' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	21,301.30	3,865.77
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,035.82	
11 41 23 00-0103	EA			10' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	22,991.18	4,217.21
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,342.81	
11 41 23 00-0104	EA			10' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	24,609.05	4,568.64
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,630.47	
11 41 23 00-0105	EA			10' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	26,300.16	4,920.07
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,935.89	
11 41 23 00-0106	EA			10' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	27,929.13	5,271.50
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,225.11	
11 41 23 00-0107	EA			10' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	29,852.67	5,798.66
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,530.80	
11 41 23 00-0108	EA			10' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	31,694.76	6,237.95
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,818.46	
11 41 23 00-0109	EA			12' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	16,192.13	2,635.76
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,169.45	
11 41 23 00-0110	EA			12' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	18,013.72	2,987.19
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,508.06	
11 41 23 00-0111	EA			12' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	19,745.92	3,338.62
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,823.41	
11 41 23 00-0112	EA			12' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	21,559.22	3,690.05
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,160.44	
11 41 23 00-0113	EA			12' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	23,299.54	4,041.49
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,477.36	
11 41 23 00-0114	EA			12' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	25,113.77	4,392.92
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,814.14	
11 41 23 00-0115	EA			12' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	26,838.71	4,744.35
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,129.49	
11 41 23 00-0116	EA			12' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	28,665.55	5,095.79
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,468.09	
11 41 23 00-0117	EA			12' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	30,516.84	5,535.09
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,783.45	
11 41 23 00-0118	EA			12' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	32,567.06	6,062.23
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,120.48	
11 41 23 00-0119	EA			12' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	34,535.45	6,589.38
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,437.40	
11 41 23 00-0120	EA			12' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	36,577.83	7,116.54
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,774.18	
11 41 23 00-0121	EA			12' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	38,534.76	7,643.68
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,089.53	

11 41 23 00-0122 Walk-In Refrigerated Unit, 8'6" High With Floor (11 41 23 00-0001)

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 13', 14' and 15' wide.

11 41 23 00-0123	EA			14' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	21,019.93	3,162.90
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,200.68	
11 41 23 00-0124	EA			14' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	23,065.53	3,514.33
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,595.98	
11 41 23 00-0125	EA			14' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	25,224.52	3,865.77
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,016.62	
11 41 23 00-0126	EA			14' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	27,268.67	4,217.21
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,412.18	
11 41 23 00-0127	EA			14' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	29,412.22	4,568.64
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,831.26	
11 41 23 00-0128	EA			14' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	31,470.14	4,920.07
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,228.39	
11 41 23 00-0129	EA			14' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	33,618.52	5,271.50
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,647.46	
11 41 23 00-0130	EA			14' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	35,901.57	5,798.66
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,043.02	

11 Equipment
11 40 Foodservice Equipment
11 41 Foodservice Storage Equipment



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
11 41 23 00-0131	EA 14' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	38,275.60 -7,463.67	6,325.81
11 41 23 00-0132	EA 14' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	40,587.78 -7,858.97	6,852.95
11 41 23 00-0133	EA 14' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	42,948.10 -8,278.30	7,380.11
11 41 23 00-0134	EA 14' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	45,243.68 -8,675.17	7,907.26
11 41 23 00-0135 Walk-In Refrigerated Unit, 8'6" High With Floor <small>(11 41 23 00-0001)</small>			
Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 16", 17" and 18' wide.			
11 41 23 00-0136	EA 16' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	25,142.79 -5,056.34	3,690.05
11 41 23 00-0137	EA 16' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	27,432.81 -5,510.68	4,041.49
11 41 23 00-0138	EA 16' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	29,692.25 -5,958.76	4,392.92
11 41 23 00-0139	EA 16' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	31,979.43 -6,414.67	4,744.35
11 41 23 00-0140	EA 16' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	34,244.16 -6,862.75	5,095.79
11 41 23 00-0141	EA 16' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	36,651.43 -7,317.09	5,535.09
11 41 23 00-0142	EA 16' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	39,152.07 -7,766.74	6,062.23
11 41 23 00-0143	EA 16' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	41,670.18 -8,221.08	6,589.38
11 41 23 00-0144	EA 16' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	44,157.76 -8,669.16	7,116.54
11 41 23 00-0145	EA 16' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	46,676.94 -9,125.07	7,643.68
11 41 23 00-0146	EA 18' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	29,279.39 -5,914.86	4,217.21
11 41 23 00-0147	EA 18' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	31,661.22 -6,393.51	4,568.64
11 41 23 00-0148	EA 18' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	34,117.32 -6,890.18	4,920.07
11 41 23 00-0149	EA 18' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	36,498.75 -7,367.52	5,271.50
11 41 23 00-0150	EA 18' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	39,191.46 -7,865.50	5,798.66
11 41 23 00-0151	EA 18' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	41,792.27 -8,342.83	6,325.81
11 41 23 00-0152	EA 18' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	44,509.94 -8,839.51	6,852.95
11 41 23 00-0153	EA 18' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	47,107.50 -9,318.15	7,380.11
11 41 23 00-0154	EA 18' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	49,802.30 -9,814.82	7,907.26
11 41 23 00-0155	EA 18' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	52,628.43 -10,292.16	8,551.56
11 41 23 00-0156 Walk-In Refrigerated Unit Metal Price Add-Ons <small>(11 41 23 00-0001)</small>			
11 41 23 00-0157	SF Metal Price Add-on, 190 Series Embossed White Polyester vs. 24 Gauge Galvalume®	0.44	
11 41 23 00-0158	SF Metal Price Add-ons, 24 Gauge White Polyester vs. 24 Gauge Galvalume®	0.82	
11 41 23 00-0159	SF Metal Price Add-ons, 0.038" Stucco Embossed Aluminum vs. 24 Gauge Galvalume®	1.16	
11 41 23 00-0160	SF Metal Price Add-ons, 22 Gauge Stainless Steel vs. 24 Gauge Galvalume®	8.15	
11 41 23 00-0161	SF Metal Price Add-ons, 20 Gauge Stainless Steel vs. 24 Gauge Galvalume®	10.66	
11 41 23 00-0162	SF Metal Price Add-ons, 24 Gauge Embossed Tan Polyester vs. 24 Gauge Galvalume®	1.32	
11 41 23 00-0163	SF Metal Price Add-ons, 0.040" Embossed White Aluminum vs. 24 Gauge Galvalume®	3.23	
11 41 23 00-0164	SF Metal Price Add-ons, 0.040" Smooth White Aluminum vs. 24 Gauge Galvalume®	4.18	
11 41 23 00-0165	SF Metal Price Add-ons, 24 Gauge Smooth Kynar® Painted vs. 24 Gauge Galvalume®	4.39	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 41 23 00-0166	SF		Metal Price Deducts, 14 GA Galvanized vs. 10 Gauge Smooth Aluminum Interior Floor	-5.90	
11 41 23 00-0167	SF		Metal Price Add-ons, 16 GA Stainless Steel Type 430 vs. 10 Gauge Smooth Aluminum Interior Floor	2.46	
11 41 23 00-0168	SF		Metal Price Add-ons, 16 GA Stainless Steel Type 304 vs. 10 Gauge Smooth Aluminum Interior Floor	6.38	
11 41 23 00-0169	SF		Metal Price Add-ons, 12 GA Rigid Aluminum vs. 10 Gauge Smooth Aluminum Interior Floor	5.59	
11 41 23 00-0170	SF		Metal Price Add-ons, 16 GA Rigid Stainless Steel vs. 10 Gauge Smooth Aluminum Interior Floor	18.13	

11 41 23 00-0171 Air Cooled Condensing Units For Walk-In Coolers And Freezers (11 41 23)

11 41 23 00-0172 Medium Temperature Hermetic System, Indoor (11 41 23 00-0171)

Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.

11 41 23 00-0173 208/230 Volt, 1 Phase (11 41 23 00-0172)

Note: Pre-Assembled indoor R404a.

11 41 23 00-0174	EA		1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,771.40	160.33
11 41 23 00-0175	EA		3/4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,034.09	187.05
11 41 23 00-0176	EA		1 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,800.99	213.77
11 41 23 00-0177	EA		1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,253.93	240.50
11 41 23 00-0178	EA		2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,888.87	267.21
11 41 23 00-0179	EA		3 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	7,736.50	320.66
11 41 23 00-0180	EA		4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	10,528.47	374.10
11 41 23 00-0181	EA		5 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	11,286.88	427.54

11 41 23 00-0182 208/230 Volt, 3 Phase (11 41 23 00-0172)

Note: Pre-Assembled indoor R404a.

11 41 23 00-0183	EA		1 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	5,809.32	213.77
11 41 23 00-0184	EA		1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	6,253.93	240.50
11 41 23 00-0185	EA		2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	6,963.79	267.21
11 41 23 00-0186	EA		3 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	7,647.32	320.66
11 41 23 00-0187	EA		4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	10,528.47	374.10
11 41 23 00-0188	EA		5 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	11,183.43	427.54

11 41 23 00-0189 Medium Temperature Hermetic System, Outdoor (11 41 23 00-0171)

Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.

11 41 23 00-0190 208/230 Volt, 1 Phase (11 41 23 00-0189)

Note: Pre-Assembled outdoor R404a.

11 41 23 00-0191	EA		1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,694.11	160.33
11 41 23 00-0192	EA		3/4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,070.41	187.05
11 41 23 00-0193	EA		1 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,693.49	213.77
11 41 23 00-0194	EA		1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,895.79	240.50
11 41 23 00-0195	EA		2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,257.92	267.21
11 41 23 00-0196	EA		3 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,993.77	320.66
11 41 23 00-0197	EA		4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	7,995.38	374.10
11 41 23 00-0198	EA		5 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	8,563.06	427.54

11 41 23 00-0199 208/230 Volt, 3 Phase (11 41 23 00-0189)

Note: Pre-Assembled outdoor R404a.

11 41 23 00-0200	EA		1 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,662.54	213.77
11 41 23 00-0201	EA		1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,908.33	240.50
11 41 23 00-0202	EA		2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,323.16	267.21
11 41 23 00-0203	EA		3 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,931.87	320.66
11 41 23 00-0204	EA		4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	8,014.62	374.10
11 41 23 00-0205	EA		5 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	8,486.10	427.54

11 41 23 00-0206 Low Temperature Hermetic System, Indoor (11 41 23 00-0171)

Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.

11 41 23 00-0207 208/230 Volt, 1 Phase (11 41 23 00-0206)

Note: Pre-Assembled indoor R404a.

11 41 23 00-0208	EA		1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,426.58	160.33
11 41 23 00-0209	EA		3/4 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,621.50	187.05
11 41 23 00-0210	EA		1 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,884.23	213.77
11 41 23 00-0211	EA		1-1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,280.09	240.50
11 41 23 00-0212	EA		2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,830.61	267.21
11 41 23 00-0213	EA		3 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	8,063.50	320.66

11 41 23 00-0214 208/230 Volt, 3 Phase (11 41 23 00-0206)

Note: Pre-Assembled indoor R404a.

11 41 23 00-0215	EA		1 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	5,892.55	213.77
11 41 23 00-0216	EA		1-1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	6,280.09	240.50
11 41 23 00-0217	EA		2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	6,907.90	267.21
11 41 23 00-0218	EA		3 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	7,977.88	320.66

11 41 23 00-0219 Low Temperature Hermetic System, Outdoor (11 41 23 00-0171)

Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.

11 Equipment

11 40 Foodservice Equipment

11 41 Foodservice Storage Equipment

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0220			208/230 Volt, 1 Phase <small>(11 41 23 00-0219)</small> Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0221	EA		1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,342.37	160.33
11 41 23 00-0222	EA		3/4 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,415.03	187.05
11 41 23 00-0223	EA		1 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,659.19	213.77
11 41 23 00-0224	EA		1-1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,053.04	240.50
11 41 23 00-0225	EA		2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,514.71	267.21
11 41 23 00-0226	EA		3 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,213.76	320.66
11 41 23 00-0227			208/230 Volt, 3 Phase <small>(11 41 23 00-0219)</small> Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0228	EA		1 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	4,810.59	213.77
11 41 23 00-0229	EA		1-1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	5,127.49	240.50
11 41 23 00-0230	EA		2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	5,574.94	267.21
11 41 23 00-0231	EA		3 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	6,152.69	320.66
11 41 23 00-0232			Medium Temperature Semi-Hermetic System, Indoor <small>(11 41 23 00-0171)</small> Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0233			208/230 Volt, 1 Phase <small>(11 41 23 00-0232)</small> Note: Pre-Assembled indoor R404a.		
11 41 23 00-0234	EA		1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,161.28	213.77
11 41 23 00-0235	EA		5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	14,126.40	427.54
11 41 23 00-0236			208/230 Volt, 3 Phase <small>(11 41 23 00-0232)</small> Note: Pre-Assembled indoor R404a.		
11 41 23 00-0237	EA		1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	6,166.04	213.77
11 41 23 00-0238	EA		2 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	8,539.32	267.21
11 41 23 00-0239	EA		3 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	10,665.20	320.66
11 41 23 00-0240	EA		5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	13,932.58	427.54
11 41 23 00-0241			Medium Temperature Semi-Hermetic System, Outdoor <small>(11 41 23 00-0171)</small> Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0242			208/230 Volt, 1 Phase <small>(11 41 23 00-0241)</small> Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0243	EA		1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,882.53	213.77
11 41 23 00-0244	EA		5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	12,011.78	427.54
11 41 23 00-0245			208/230 Volt, 3 Phase <small>(11 41 23 00-0241)</small> Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0246	EA		1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	4,890.89	213.77
11 41 23 00-0247	EA		2 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	5,779.03	267.21
11 41 23 00-0248	EA		3 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	8,294.87	320.66
11 41 23 00-0249	EA		5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	10,866.67	427.54
11 41 23 00-0250			Low Temperature Semi-Hermetic System, Indoor <small>(11 41 23 00-0171)</small> Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0251			208/230 Volt, 1 Phase <small>(11 41 23 00-0250)</small> Note: Pre-Assembled indoor R404a.		
11 41 23 00-0252	EA		3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,312.36	187.05
11 41 23 00-0253	EA		1 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,739.18	213.77
11 41 23 00-0254	EA		1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	7,911.51	240.50
11 41 23 00-0255	EA		2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	9,169.53	267.21
11 41 23 00-0256	EA		3 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	11,598.63	320.66
11 41 23 00-0257			208/230 Volt, 3 Phase <small>(11 41 23 00-0250)</small> Note: Pre-Assembled indoor R404a.		
11 41 23 00-0258	EA		3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	6,279.06	187.05
11 41 23 00-0259	EA		1 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	6,734.42	213.77
11 41 23 00-0260	EA		1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	7,866.33	240.50
11 41 23 00-0261	EA		2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	9,091.05	267.21
11 41 23 00-0262	EA		3 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	11,181.27	320.66

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 41 23 00-0263	EA	4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	15,658.16	374.10
11 41 23 00-0264	EA	6 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	16,486.52	480.99
11 41 23 00-0265	EA	7-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	23,807.55	561.15
11 41 23 00-0266		Low Temperature Semi-Hermetic System, Outdoor <small>(11 41 23 00-0171)</small> Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0267		208/230 Volt, 1 Phase <small>(11 41 23 00-0266)</small> Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0268	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,005.57	187.05
11 41 23 00-0269	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,253.91	213.77
11 41 23 00-0270	EA	1-1/2 Low Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,110.33	240.50
11 41 23 00-0271	EA	2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	7,016.99	267.21
11 41 23 00-0272	EA	3 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	8,785.03	320.66
11 41 23 00-0273		208/230 Volt, 3 Phase <small>(11 41 23 00-0266)</small> Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0274	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,931.96	187.05
11 41 23 00-0275	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,257.26	213.77
11 41 23 00-0276	EA	1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,097.78	240.50
11 41 23 00-0277	EA	2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,955.10	267.21
11 41 23 00-0278	EA	3 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	8,519.88	320.66
11 41 23 00-0279	EA	4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	12,387.63	374.10
11 41 23 00-0280	EA	6 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	13,107.29	480.99
11 41 23 00-0281	EA	7-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	18,401.87	561.15
11 41 23 00-0282		Walk-In Refrigerated Boxes Accessories <small>(11 41 23)</small> See CSI section 08 71 00 00-0000 for additional door accessories.		
11 41 23 00-0283		Accessories <small>(11 41 23 00-0282)</small>		
11 41 23 00-0284	EA	Super Door Package, For 36" Or 42" Door	658.61	
		Note: Includes 1/8" diamond-tread on cap and frame (interior and exterior), and 3rd hinge for support.		
11 41 23 00-0285	EA	Super Door Package, For 48" Door	856.13	
		Note: Includes 1/8" diamond-tread on cap and frame (interior and exterior), and 3rd hinge for support.		
11 41 23 00-0286	EA	Super Door Package, For 60" Door	856.13	
		Note: Includes 1/8" diamond-tread on cap and frame (interior and exterior), and 3rd hinge for support.		
11 41 23 00-0287	EA	14" x 24" Observation Window, Heated	928.17	
11 41 23 00-0288	EA	Heated Air Vent, Kason	379.51	
11 41 23 00-0289	EA	Heated Air Vent, Bally Polyvinyl Chloride (PVC)	802.76	
11 41 23 00-0290	EA	Interior Ramps For 36" Or 42" Wide Doors	1,109.96	
11 41 23 00-0291	EA	Interior Ramps For 48" Wide Doors	1,209.24	
11 41 23 00-0292	EA	Interior Ramps For 60" Wide Doors	1,324.20	
11 41 23 00-0293	EA	Exterior Ramps For 36" Or 42" Wide Doors	476.65	
11 41 23 00-0294	EA	Exterior Ramps For 48" Wide Doors	836.15	
11 41 23 00-0295	EA	Exterior Ramps For 60" Wide Doors	836.15	
11 41 23 00-0296	EA	Field Installed Extra Vapor-Proof Lights	132.80	
11 41 23 00-0297	EA	Field Installed Fluorescent Lights, 48", 2 Tubes	505.89	
11 41 23 00-0298	EA	Alarm With Digital Thermostat Modularm 75 With Adjustable Setting (Flush Mounted)	1,080.68	
11 41 23 00-0299	EA	Alarm With Digital Thermostat Modularm 75B (Battery Backup) (Flush Mounted)	1,133.98	
11 41 23 00-0300	EA	Alarm With Digital Thermostat National TM100 With Adjustable Setting (Flush Mounted)	558.14	
11 41 23 00-0301	EA	Locking Devices, 36" Or 42" Wide Locking Bar	329.27	
11 41 23 00-0302	EA	Locking Devices, 48" Wide Locking Bar	371.08	
11 41 23 00-0303	EA	Locking Devices, 60" Wide Locking Bar	371.08	
11 41 23 00-0304	EA	Locking Devices, Mortise Dead Bolt (Cooler)	634.43	
11 41 23 00-0305	EA	Locking Devices, Mortise Dead Bolt (Freezer)	772.38	
11 41 23 00-0306	EA	Blast Freezer Kit, For 36" Or 42" Wide Doors	1,239.55	
11 41 23 00-0307	EA	Blast Freezer Kit, For 48" Wide Doors	1,306.44	
11 41 23 00-0308	EA	Blast Freezer Kit, For 60" Wide Doors	1,341.97	
11 41 23 00-0309	EA	Hardware Options, Polished For 36" Or 42" Door	57.48	
11 41 23 00-0310	EA	Hardware Options, Polished For 48" Or 60" Door	47.03	
11 41 23 00-0311	EA	Hardware Options, Chrome For 36" Or 42" Door	145.27	
11 41 23 00-0312	EA	Hardware Options, Chrome For 48" Or 60" Door	78.38	
11 41 23 00-0313	EA	Hardware Options, Positive Latch, 36" Or 42" Door	196.49	
11 41 23 00-0314	EA	Hardware Options, Strap Hinges, 36" Or 42" Door	146.33	
11 41 23 00-0315	EA	4" Scream Door	423.40	
11 41 23 00-0316	EA	Doors Cut For Tile	498.65	
11 41 23 00-0317	EA	84" High Doors (36" Wide)	498.65	
11 41 23 00-0318	EA	Doors Raised Or Lowered In Panel	1,051.49	
11 41 23 00-0319	EA	57-1/2" Door Section	342.93	
11 41 23 00-0320	EA	3 Way, Interior And Exterior, Light Switches	271.79	
11 41 23 00-0321	EA	3 Way (1 Side Only) Light Switch	138.83	
11 41 23 00-0322	EA	Structural Support, 5" Reinforcing Ceilings (Every 23")	241.47	
11 41 23 00-0323	EA	Structural Support, 6" Reinforcing Ceilings (Every 23")	299.99	
11 41 23 00-0324	LF	Structural Support, Self-Supporting Standard Angle	32.82	
11 41 23 00-0325	LF	Structural Support, Self-Supporting 6" Channel	41.44	
11 41 23 00-0326	LF	Structural Support, Self-Supporting 8" Channel	58.42	
11 41 23 00-0327	LF	Structural Support, Self-Supporting 10" Channel	91.08	

11 Equipment

11 40 Foodservice Equipment

11 41 Foodservice Storage Equipment



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

11 41 23 00-0328	LF	Structural Support, Suspended Ceiling Support	18.30
11 41 23 00-0329	LF	Factory Prepared Opening, Foam Cut Opening	8.17
11 41 23 00-0330	LF	Factory Prepared Opening, Metal Capped Opening	18.29
11 41 23 00-0331	LF	Factory Prepared Opening, Wood Framed Opening	16.48
11 41 23 00-0332	LF	Factory Prepared Opening, Metal Capped Wood Framed Opening	28.22
11 41 23 00-0333	LF	Factory Prepared Opening, Opening For Glass Doors (Doors Provided By Others, No Charge For Opening When Glass Door Purchased Through Manufacturer)	105.13
11 41 23 00-0334	SF	Outdoor Weather Roofs, Aluminum Roof Caps	38.47
11 41 23 00-0335	SF	Outdoor Weather Roofs, Membrane Roof Caps	5.75
11 41 23 00-0336	SF	Outdoor Weather Roofs, Painted Aluminum Roofs	47.78
11 41 23 00-0337	SF	1/8" Aluminum Tread Plate	92.70
11 41 23 00-0338	SF	3/16" Aluminum Tread Plate	112.95
11 41 23 00-0339	EA	Digitemp Display Thermometer (Indoor Exterior Wall)	252.74
11 41 23 00-0340	EA	4-1/2" Dial Type Thermometer With 5' Cap Tube	228.70
11 41 23 00-0341	EA	6" Dial Type Thermometer With 5' Cap Tube	700.03
11 41 23 00-0342	EA	2" Dial Type Thermometer (Standard)	90.75
11 41 23 00-0343	LF	Extra Capillary Tubing	9.68

11 41 23 00-0344 Partition Wall For Walk-In Refrigerated Boxes (11 41 23 00-0282)

Note: Includes 36" x 78" door. Sizes listed as 7'-2"/7'-6" are for either 7'-2" or 7'-6" high refrigerated boxes. Sizes listed as 8'-2"/8'-6" are for either 8'-2" or 8'-6" high refrigerated boxes.

11 41 23 00-0345	EA	5'-10" Length Partition Wall, 7'-2"/7'-6" High	2,495.73
		Note: Galvalume both sides.	
		<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	118.93
11 41 23 00-0346	EA	6'-9-1/2" Length Partition Wall, 7'-2"/7'-6" High	2,716.88
		Note: Galvalume both sides.	
		<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	129.69
11 41 23 00-0347	EA	7'-9" Length Partition Wall, 7'-2"/7'-6" High	2,795.88
		Note: Galvalume both sides.	
		<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	133.35
11 41 23 00-0348	EA	8'-8-1/2" Length Partition Wall, 7'-2"/7'-6" High	3,021.22
		Note: Galvalume both sides.	
		<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	144.33
11 41 23 00-0349	EA	9'-8" Length Partition Wall, 7'-2"/7'-6" High	2,962.27
		Note: Galvalume both sides.	
		<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	141.09
11 41 23 00-0350	EA	10'-7-1/2" Length Partition Wall, 7'-2"/7'-6" High	3,182.37
		Note: Galvalume both sides.	
		<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	151.80
11 41 23 00-0351	EA	11'-7" Length Partition Wall, 7'-2"/7'-6" High	3,250.94
		Note: Galvalume both sides.	
		<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	154.93
11 41 23 00-0352	EA	12'-6-1/2" Length Partition Wall, 7'-2"/7'-6" High	3,563.00
		Note: Galvalume both sides.	
		<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	170.24
11 41 23 00-0353	EA	13'-6" Length Partition Wall, 7'-2"/7'-6" High	3,428.81
		Note: Galvalume both sides.	
		<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	163.24
11 41 23 00-0354	EA	14'-5-1/2" Length Partition Wall, 7'-2"/7'-6" High	3,649.96
		Note: Galvalume both sides.	
		<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	174.01
11 41 23 00-0355	EA	15'-5" Length Partition Wall, 7'-2"/7'-6" High	3,734.20
		Note: Galvalume both sides.	
		<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	177.92
11 41 23 00-0356	EA	16'-4-1/2" Length Partition Wall, 7'-2"/7'-6" High	3,956.39
		Note: Galvalume both sides.	
		<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	188.74
11 41 23 00-0357	EA	17'-4" Length Partition Wall, 7'-2"/7'-6" High	4,549.70
		Note: Galvalume both sides.	
		<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	218.11
11 41 23 00-0358	EA	5'-10" Length Partition Wall, 8'-2"/8'-6" High	2,719.38
		Note: Galvalume both sides.	
		<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	130.11
11 41 23 00-0359	EA	6'-9-1/2" Length Partition Wall, 8'-2"/8'-6" High	2,907.08
		Note: Galvalume both sides.	
		<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	139.20
11 41 23 00-0360	EA	7'-9" Length Partition Wall, 8'-2"/8'-6" High	2,999.67
		Note: Galvalume both sides.	
		<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	143.54
11 41 23 00-0361	EA	8'-8-1/2" Length Partition Wall, 8'-2"/8'-6" High	3,249.04
		Note: Galvalume both sides.	
		<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	155.72
11 41 23 00-0362	EA	9'-8" Length Partition Wall, 8'-2"/8'-6" High	3,177.56
		Note: Galvalume both sides.	
		<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	151.85
11 41 23 00-0363	EA	10'-7-1/2" Length Partition Wall, 8'-2"/8'-6" High	3,425.88
		Note: Galvalume both sides.	
		<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	163.97
11 41 23 00-0364	EA	11'-7" Length Partition Wall, 8'-2"/8'-6" High	3,519.52
		Note: Galvalume both sides.	
		<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	168.36
11 41 23 00-0365	EA	12'-6-1/2" Length Partition Wall, 8'-2"/8'-6" High	3,767.84
		Note: Galvalume both sides.	
		<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	180.48
11 41 23 00-0366	EA	13'-6" Length Partition Wall, 8'-2"/8'-6" High	3,696.35
		Note: Galvalume both sides.	
		<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	176.62

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 41 23 00-0367	EA			14'-5-1/2" Length Partition Wall, 8'-2"/8'-6" High..... Note: Galvalume both sides. <i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	3,944.67 188.74	
11 41 23 00-0368	EA			15'-5" Length Partition Wall, 8'-2"/8'-6" High..... Note: Galvalume both sides. <i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	4,038.32 193.13	
11 41 23 00-0369	EA			16'-4-1/2" Length Partition Wall, 8'-2"/8'-6" High..... Note: Galvalume both sides. <i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	4,286.63 205.25	
11 41 23 00-0370	EA			17'-4" Length Partition Wall, 8'-2"/8'-6" High..... Note: Galvalume both sides. <i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	4,215.15 201.39	

11 41 23 00-0371 Glass Doors For Walk-In Refrigerated Boxes (11 41 23 00-0282)
 Note: Factory installed, includes lights and 5 tier shelves.

11 41 23 00-0372	EA			23" x 67" Glass Door, Displayrite, Coolrite Model.....	1,037.76	
11 41 23 00-0373	EA			23" x 73" Glass Door, Displayrite, Coolrite Model.....	1,133.91	
11 41 23 00-0374	EA			30" x 67" Glass Door, Displayrite, Coolrite Model.....	1,143.31	
11 41 23 00-0375	EA			30" x 73" Glass Door, Displayrite, Coolrite Model.....	1,264.54	
11 41 23 00-0376	EA			23" x 67" Glass Door, Displayrite, Freezerite Model.....	1,387.86	
11 41 23 00-0377	EA			23" x 73" Glass Door, Displayrite, Freezerite Model.....	1,475.65	
11 41 23 00-0378	EA			30" x 67" Glass Door, Displayrite, Freezerite Model.....	1,480.87	
11 41 23 00-0379	EA			30" x 73" Glass Door, Displayrite, Freezerite Model.....	1,723.33	
11 41 23 00-0380	EA			24" x 67" Glass Door, Anthony Model 101.....	1,410.85	
11 41 23 00-0381	EA			26" x 67" Glass Door, Anthony Model 101.....	1,747.37	
11 41 23 00-0382	EA			30" x 67" Glass Door, Anthony Model 101.....	1,865.46	
11 41 23 00-0383	EA			30x75 Glass Door, Anthony Model 101.....	1,905.17	
11 41 23 00-0384	EA			24" x 67" Glass Door, Anthony Model 101.....	2,148.67	
11 41 23 00-0385	EA			26" x 67" Glass Door, Anthony Model 101.....	2,384.86	
11 41 23 00-0386	EA			30" x 67" Glass Door, Anthony Model 101.....	2,428.75	
11 41 23 00-0387	EA			30" x 75" Glass Door, Anthony Model 101.....	2,590.74	
11 41 23 00-0388	EA			23" x 67" Glass Door, Anthony Model 401.....	1,114.05	
11 41 23 00-0389	EA			26-3/4" x 67" Glass Door, Anthony Model 401.....	1,173.62	
11 41 23 00-0390	EA			30-1/4" x 67" Glass Door, Anthony Model 401.....	1,578.06	
11 41 23 00-0391	EA			30-1/4" x 75" Glass Door, Anthony Model 401.....	1,353.37	
11 41 23 00-0392	EA			23" x 67" Glass Door, Anthony Model 401.....	1,502.82	
11 41 23 00-0393	EA			26-3/4" x 67" Glass Door, Anthony Model 401.....	1,572.84	
11 41 23 00-0394	EA			30-1/4" x 67" Glass Door, Anthony Model 401.....	1,578.06	
11 41 23 00-0395	EA			30-1/4" x 75" Glass Door, Anthony Model 401.....	1,879.04	

11 41 23 00-0396 Modular Wire Shelving For Walk-In Refrigerated Boxes (11 41 23 00-0282)

11 41 23 00-0397	EA			14" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts..... <i>For Cantilever Shelving, Add</i>	409.74 402.00	
11 41 23 00-0398	EA			14" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts..... <i>For Cantilever Shelving, Add</i>	432.32 402.00	
11 41 23 00-0399	EA			14" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts..... <i>For Cantilever Shelving, Add</i>	479.98 402.00	
11 41 23 00-0400	EA			14" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts..... <i>For Cantilever Shelving, Add</i>	506.74 402.00	
11 41 23 00-0401	EA			14" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts..... <i>For Cantilever Shelving, Add</i>	551.89 402.00	
11 41 23 00-0402	EA			18" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts..... <i>For Cantilever Shelving, Add</i>	469.95 402.00	
11 41 23 00-0403	EA			18" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts..... <i>For Cantilever Shelving, Add</i>	483.11 402.00	
11 41 23 00-0404	EA			18" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts..... <i>For Cantilever Shelving, Add</i>	531.82 402.00	
11 41 23 00-0405	EA			18" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts..... <i>For Cantilever Shelving, Add</i>	556.49 402.00	
11 41 23 00-0406	EA			18" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts..... <i>For Cantilever Shelving, Add</i>	634.04 402.00	
11 41 23 00-0407	EA			21" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts..... <i>For Cantilever Shelving, Add</i>	511.33 402.00	
11 41 23 00-0408	EA			21" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts..... <i>For Cantilever Shelving, Add</i>	519.28 402.00	
11 41 23 00-0409	EA			21" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts..... <i>For Cantilever Shelving, Add</i>	588.89 402.00	
11 41 23 00-0410	EA			21" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts..... <i>For Cantilever Shelving, Add</i>	594.74 402.00	
11 41 23 00-0411	EA			21" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts..... <i>For Cantilever Shelving, Add</i>	682.74 402.00	
11 41 23 00-0412	EA			14" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts..... <i>For Cantilever Shelving, Add</i>	355.40 402.00	
11 41 23 00-0413	EA			14" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts..... <i>For Cantilever Shelving, Add</i>	373.80 402.00	
11 41 23 00-0414	EA			14" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts..... <i>For Cantilever Shelving, Add</i>	408.91 402.00	
11 41 23 00-0415	EA			14" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts..... <i>For Cantilever Shelving, Add</i>	418.95 402.00	
11 41 23 00-0416	EA			14" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts..... <i>For Cantilever Shelving, Add</i>	476.65 402.00	
11 41 23 00-0417	EA			18" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts..... <i>For Cantilever Shelving, Add</i>	390.52 402.00	
11 41 23 00-0418	EA			18" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts..... <i>For Cantilever Shelving, Add</i>	418.32 402.00	

11 Equipment

11 40 Foodservice Equipment

11 41 Foodservice Storage Equipment

MINOR
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TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

11 41 23 00-0419	EA	18" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	442.99	
		<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0420	EA	18" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	450.94	
		<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0421	EA	18" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	528.49	
		<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0422	EA	21" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	427.72	
		<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0423	EA	21" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	445.08	
		<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0424	EA	21" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	477.07	
		<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0425	EA	21" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	495.46	
		<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0426	EA	21" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	575.10	
		<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0427	EA	14" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	1,811.43	
		<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0428	EA	14" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,020.47	
		<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0429	EA	14" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,061.36	
		<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0430	EA	14" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,102.25	
		<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0431	EA	14" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,541.35	
		<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0432	EA	18" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	1,901.37	
		<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0433	EA	18" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,019.32	
		<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0434	EA	18" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,235.37	
		<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0435	EA	18" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,325.31	
		<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0436	EA	18" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,841.48	
		<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0437	EA	21" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,054.35	
		<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0438	EA	21" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,242.38	
		<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0439	EA	21" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,458.43	
		<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0440	EA	21" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,548.35	
		<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0441	EA	21" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	3,232.68	
		<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0442	EA	14" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	483.75	
		<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0443	EA	14" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	520.96	
		<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0444	EA	14" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	563.39	
		<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0445	EA	14" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	602.69	
		<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0446	EA	14" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	654.12	
		<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0447	EA	18" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	567.99	
		<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0448	EA	18" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	583.24	
		<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0449	EA	18" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	641.36	
		<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0450	EA	18" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	672.29	
		<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0451	EA	18" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	765.52	
		<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0452	EA	21" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	617.73	
		<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0453	EA	21" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	638.22	
		<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0454	EA	21" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	703.64	
		<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0455	EA	21" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	719.96	
		<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0456	EA	21" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	823.64	
		<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0457	EA	14" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	417.91	
		<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0458	EA	14" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	439.44	
		<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0459	EA	14" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	481.87	
		<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0460	EA	14" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	492.96	
		<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0461	EA	14" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	562.16	
		<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0462	EA	18" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	469.75	
		<i>For Cantilever Shelving, Add</i>	472.00	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 41 23 00-0463	EA			18" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	501.73 472.00	
11 41 23 00-0464	EA			18" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	568.20 472.00	
11 41 23 00-0465	EA			18" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	565.69 472.00	
11 41 23 00-0466	EA			18" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	631.76 472.00	
11 41 23 00-0467	EA			21" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	514.27 472.00	
11 41 23 00-0468	EA			21" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	534.76 472.00	
11 41 23 00-0469	EA			21" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	574.05 472.00	
11 41 23 00-0470	EA			21" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	594.55 472.00	
11 41 23 00-0471	EA			21" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	691.96 472.00	
11 41 23 00-0472	EA			14" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	2,210.85 472.00	
11 41 23 00-0473	EA			14" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	2,470.69 472.00	
11 41 23 00-0474	EA			14" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	2,520.33 472.00	
11 41 23 00-0475	EA			14" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	2,569.98 472.00	
11 41 23 00-0476	EA			14" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	3,115.93 472.00	
11 41 23 00-0477	EA			18" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	2,321.80 472.00	
11 41 23 00-0478	EA			18" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	2,467.78 472.00	
11 41 23 00-0479	EA			18" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	2,736.38 472.00	
11 41 23 00-0480	EA			18" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	2,847.33 472.00	
11 41 23 00-0481	EA			18" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	3,489.62 472.00	
11 41 23 00-0482	EA			21" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	2,511.57 472.00	
11 41 23 00-0483	EA			21" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	2,745.14 472.00	
11 41 23 00-0484	EA			21" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	3,013.73 472.00	
11 41 23 00-0485	EA			21" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	3,124.69 472.00	
11 41 23 00-0486	EA			21" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	3,977.17 472.00	

11 41 31 Non-Refrigerated Storage Equipment (11 41 31)

11 41 31 00-0001 Wall Cabinets (11 41 31)						
11 41 31 00-0002	EA			48" Wall Cabinet With Sliding Doors Note: 15" deep and 24" high.	2,405.81	90.84
11 41 31 00-0003	EA			72" Wall Cabinet With Sliding Doors Note: 15" deep and 24" high.	3,174.41	119.92
11 41 31 00-0004	EA			72" Wall Cabinet With Hinged Doors Note: 15" deep and 24" high.	3,643.56	137.48
11 41 31 00-0005	EA			72" Wall Cabinet With Open Shelves Note: 15" deep and 24" high.	2,331.85	87.70
11 41 31 00-0006 Mobile Sheet Pan Truck (11 41 31)						
11 41 31 00-0007	EA			2 Level Mobile Sheet Pan Truck	223.81	7.27
11 41 31 00-0008 Pot And Utensil Rack (11 41 31)						
11 41 31 00-0009	EA			70" Bench Type Pot And Utensil Rack	652.96	22.17
11 41 31 00-0010	EA			94" Bench Type Pot And Utensil Rack	756.76	25.05
11 41 31 00-0011	EA			94" Ceiling Type Pot And Utensil Rack	899.68	30.02
11 41 31 00-0012	EA			96" Wall Type Pot And Utensil Rack	489.27	16.39
11 41 31 00-0013 Tray And Silverware Cart (11 41 31)						
11 41 31 00-0014	EA			33" x 22-1/2" x 42" Tray And Silverware Cart	2,258.44	74.82
11 41 31 00-0015 Flat Top Utility Units (11 41 31)						
11 41 31 00-0016	EA			39" x 28-1/2" x 35-3/8" Flat Top Utility Units	1,539.81	51.14
11 41 31 00-0017	EA			79-1/2" x 28-1/2" x 35-3/8" Flat Top Utility Units	2,063.46	68.35

11 41 33 Foodservice Shelving (11 41 33)

11 41 33 00-0001	Shelving/Racks (11 41 33)
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11 Equipment
11 40 Foodservice Equipment
11 41 Foodservice Storage Equipment



MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

Item ID	Quantity	UOM	Description	Total Direct Unit Cost	Demolition Unit Cost
11 41 33 00-0002			Chrome Shelving Units <small>(11 41 33 00-0001)</small>		
11 41 33 00-0003			54" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit <small>(11 41 33 00-0002)</small>		
11 41 33 00-0004	EA		14" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	345.47	33.11
11 41 33 00-0005	EA		14" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	365.54	33.39
11 41 33 00-0006	EA		14" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	390.47	33.66
11 41 33 00-0007	EA		14" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	405.80	33.94
11 41 33 00-0008	EA		14" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	435.46	34.21
11 41 33 00-0009	EA		14" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	460.49	34.49
11 41 33 00-0010	EA		14" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	480.56	34.76
11 41 33 00-0011	EA		14" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	525.57	35.30
11 41 33 00-0012	EA		18" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	379.97	33.39
11 41 33 00-0013	EA		18" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	395.29	33.66
11 41 33 00-0014	EA		18" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	410.64	33.94
11 41 33 00-0015	EA		18" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	454.83	34.21
11 41 33 00-0016	EA		18" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	484.58	34.49
11 41 33 00-0017	EA		18" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	523.92	34.76
11 41 33 00-0018	EA		18" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	539.16	35.03
11 41 33 00-0019	EA		18" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	593.95	35.58
11 41 33 00-0020	EA		21" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	400.13	33.66
11 41 33 00-0021	EA		21" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	434.64	33.94
11 41 33 00-0022	EA		21" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	459.67	34.21
11 41 33 00-0023	EA		21" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	489.33	34.49
11 41 33 00-0024	EA		21" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	509.49	34.76
11 41 33 00-0025	EA		21" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	558.53	35.03
11 41 33 00-0026	EA		21" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	583.44	35.30
11 41 33 00-0027	EA		21" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	647.80	35.85
11 41 33 00-0028	EA		24" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	444.42	33.94
11 41 33 00-0029	EA		24" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	464.51	34.21
11 41 33 00-0030	EA		24" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	479.74	34.49
11 41 33 00-0031	EA		24" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	519.18	34.76
11 41 33 00-0032	EA		24" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	544.10	35.03
11 41 33 00-0033	EA		24" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	593.13	35.30
11 41 33 00-0034	EA		24" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	627.62	35.58
11 41 33 00-0035	EA		24" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	711.32	36.12
11 41 33 00-0036	EA		30" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	599.52	34.21
11 41 33 00-0037	EA		30" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	677.36	34.49
11 41 33 00-0038	EA		30" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	726.48	34.76
11 41 33 00-0039	EA		30" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	838.23	35.03
11 41 33 00-0040	EA		36" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	665.42	35.30
11 41 33 00-0041	EA		36" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	738.64	35.58
11 41 33 00-0042	EA		36" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	830.94	35.85
11 41 33 00-0043	EA		36" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	980.32	36.39
11 41 33 00-0044			63" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit <small>(11 41 33 00-0002)</small>		
11 41 33 00-0045	EA		14" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	350.22	33.11
11 41 33 00-0046	EA		14" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	370.29	33.39
11 41 33 00-0047	EA		14" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	395.19	33.66
11 41 33 00-0048	EA		14" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	410.55	33.94
11 41 33 00-0049	EA		14" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	440.20	34.21
11 41 33 00-0050	EA		14" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	465.21	34.49
11 41 33 00-0051	EA		14" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	485.30	34.76
11 41 33 00-0052	EA		14" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	530.29	35.30
11 41 33 00-0053	EA		18" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	384.69	33.39
11 41 33 00-0054	EA		18" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	400.03	33.66
11 41 33 00-0055	EA		18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	415.39	33.94
11 41 33 00-0056	EA		18" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	459.55	34.21
11 41 33 00-0057	EA		18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	489.33	34.49
11 41 33 00-0058	EA		18" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	528.64	34.76
11 41 33 00-0059	EA		18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	543.90	35.03
11 41 33 00-0060	EA		18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	551.83	35.58
11 41 33 00-0061	EA		21" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	404.87	33.66
11 41 33 00-0062	EA		21" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	439.38	33.94
11 41 33 00-0063	EA		21" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	464.39	34.21
11 41 33 00-0064	EA		21" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	494.05	34.49
11 41 33 00-0065	EA		21" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	514.24	34.76
11 41 33 00-0066	EA		21" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	563.25	35.03
11 41 33 00-0067	EA		21" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	588.18	35.30
11 41 33 00-0068	EA		21" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	652.55	35.85
11 41 33 00-0069	EA		24" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	449.16	33.94
11 41 33 00-0070	EA		24" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	469.23	34.21
11 41 33 00-0071	EA		24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	484.48	34.49
11 41 33 00-0072	EA		24" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	523.92	34.76
11 41 33 00-0073	EA		24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	548.84	35.03
11 41 33 00-0074	EA		24" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	597.85	35.30
11 41 33 00-0075	EA		24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	632.34	35.58
11 41 33 00-0076	EA		24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	716.07	36.12
11 41 33 00-0077	EA		30" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	604.24	34.21
11 41 33 00-0078	EA		30" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	682.10	34.49
11 41 33 00-0079	EA		30" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	731.20	34.76
11 41 33 00-0080	EA		30" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	842.95	35.03
11 41 33 00-0081	EA		36" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	670.14	35.30
11 41 33 00-0082	EA		36" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	743.36	35.58
11 41 33 00-0083	EA		36" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	835.74	35.85

MINOR	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 41 33 00-0084	EA	36" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	985.04	36.39
11 41 33 00-0085		66" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit ^(11 41 33 00-0002)		
11 41 33 00-0086	EA	14" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	352.69	33.11
11 41 33 00-0087	EA	14" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	372.76	33.39
11 41 33 00-0088	EA	14" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	397.66	33.66
11 41 33 00-0089	EA	14" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	413.02	33.94
11 41 33 00-0090	EA	14" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	442.67	34.21
11 41 33 00-0091	EA	14" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	467.68	34.49
11 41 33 00-0092	EA	14" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	487.77	34.76
11 41 33 00-0093	EA	14" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	532.76	35.30
11 41 33 00-0094	EA	18" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	387.19	33.39
11 41 33 00-0095	EA	18" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	402.50	33.66
11 41 33 00-0096	EA	18" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	417.86	33.94
11 41 33 00-0097	EA	18" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	462.04	34.21
11 41 33 00-0098	EA	18" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	491.80	34.49
11 41 33 00-0099	EA	18" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	531.11	34.76
11 41 33 00-0100	EA	18" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	546.37	35.03
11 41 33 00-0101	EA	18" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	601.16	35.58
11 41 33 00-0102	EA	21" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	407.34	33.66
11 41 33 00-0103	EA	21" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	441.85	33.94
11 41 33 00-0104	EA	21" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	466.86	34.21
11 41 33 00-0105	EA	21" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	496.52	34.49
11 41 33 00-0106	EA	21" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	516.71	34.76
11 41 33 00-0107	EA	21" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	565.72	35.03
11 41 33 00-0108	EA	21" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	590.66	35.30
11 41 33 00-0109	EA	21" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	655.02	35.85
11 41 33 00-0110	EA	24" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	451.63	33.94
11 41 33 00-0111	EA	24" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	471.70	34.21
11 41 33 00-0112	EA	24" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	486.95	34.49
11 41 33 00-0113	EA	24" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	526.39	34.76
11 41 33 00-0114	EA	24" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	551.31	35.03
11 41 33 00-0115	EA	24" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	600.34	35.30
11 41 33 00-0116	EA	24" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	634.81	35.58
11 41 33 00-0117	EA	24" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	718.54	36.12
11 41 33 00-0118	EA	30" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	606.71	34.21
11 41 33 00-0119	EA	30" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	684.57	34.49
11 41 33 00-0120	EA	30" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	733.70	34.76
11 41 33 00-0121	EA	30" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	845.42	35.03
11 41 33 00-0122	EA	36" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	672.61	35.30
11 41 33 00-0123	EA	36" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	745.83	35.58
11 41 33 00-0124	EA	36" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	838.18	35.85
11 41 33 00-0125	EA	36" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	987.51	36.39
11 41 33 00-0126		74" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit ^(11 41 33 00-0002)		
11 41 33 00-0127	EA	14" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	359.88	33.11
11 41 33 00-0128	EA	14" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	379.97	33.39
11 41 33 00-0129	EA	14" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	404.87	33.66
11 41 33 00-0130	EA	14" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	420.23	33.94
11 41 33 00-0131	EA	14" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	449.89	34.21
11 41 33 00-0132	EA	14" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	474.90	34.49
11 41 33 00-0133	EA	14" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	494.99	34.76
11 41 33 00-0134	EA	14" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	539.98	35.30
11 41 33 00-0135	EA	18" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	394.38	33.39
11 41 33 00-0136	EA	18" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	409.72	33.66
11 41 33 00-0137	EA	18" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	425.07	33.94
11 41 33 00-0138	EA	18" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	469.23	34.21
11 41 33 00-0139	EA	18" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	498.99	34.49
11 41 33 00-0140	EA	18" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	538.33	34.76
11 41 33 00-0141	EA	18" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	553.59	35.03
11 41 33 00-0142	EA	18" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	608.35	35.58
11 41 33 00-0143	EA	21" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	414.56	33.66
11 41 33 00-0144	EA	21" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	449.07	33.94
11 41 33 00-0145	EA	21" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	474.08	34.21
11 41 33 00-0146	EA	21" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	503.73	34.49
11 41 33 00-0147	EA	21" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	523.92	34.76
11 41 33 00-0148	EA	21" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	572.93	35.03
11 41 33 00-0149	EA	21" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	597.85	35.30
11 41 33 00-0150	EA	21" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	662.23	35.85
11 41 33 00-0151	EA	24" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	458.85	33.94
11 41 33 00-0152	EA	24" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	478.92	34.21
11 41 33 00-0153	EA	24" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	494.17	34.49
11 41 33 00-0154	EA	24" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	533.58	34.76
11 41 33 00-0155	EA	24" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	558.53	35.03
11 41 33 00-0156	EA	24" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	607.53	35.30
11 41 33 00-0157	EA	24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	642.03	35.58
11 41 33 00-0158	EA	24" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	725.75	36.12
11 41 33 00-0159	EA	30" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	613.93	34.21
11 41 33 00-0160	EA	30" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	691.79	34.49
11 41 33 00-0161	EA	30" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	740.89	34.76
11 41 33 00-0162	EA	30" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	852.64	35.03
11 41 33 00-0163	EA	36" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	679.83	35.30
11 41 33 00-0164	EA	36" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	753.04	35.58

11 Equipment
11 40 Foodservice Equipment
11 41 Foodservice Storage Equipment



MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

11 41 33 00-0165	EA	36" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	845.42	35.85
11 41 33 00-0166	EA	36" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	994.73	36.39

11 41 33 00-0167 86" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit (11 41 33 00-0002)

11 41 33 00-0168	EA	14" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	379.15	33.11
11 41 33 00-0169	EA	14" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	399.22	33.39
11 41 33 00-0170	EA	14" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	424.12	33.66
11 41 33 00-0171	EA	14" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	439.48	33.94
11 41 33 00-0172	EA	14" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	469.14	34.21
11 41 33 00-0173	EA	14" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	494.17	34.49
11 41 33 00-0174	EA	14" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	514.24	34.76
11 41 33 00-0175	EA	14" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	559.25	35.30
11 41 33 00-0176	EA	18" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	413.65	33.39
11 41 33 00-0177	EA	18" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	428.96	33.66
11 41 33 00-0178	EA	18" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	444.32	33.94
11 41 33 00-0179	EA	18" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	488.51	34.21
11 41 33 00-0180	EA	18" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	518.26	34.49
11 41 33 00-0181	EA	18" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	557.60	34.76
11 41 33 00-0182	EA	18" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	572.84	35.03
11 41 33 00-0183	EA	18" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	627.62	35.58
11 41 33 00-0184	EA	21" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	433.81	33.66
11 41 33 00-0185	EA	21" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	468.32	33.94
11 41 33 00-0186	EA	21" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	493.35	34.21
11 41 33 00-0187	EA	21" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	522.98	34.49
11 41 33 00-0188	EA	21" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	543.17	34.76
11 41 33 00-0189	EA	21" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	592.21	35.03
11 41 33 00-0190	EA	21" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	617.12	35.30
11 41 33 00-0191	EA	21" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	681.48	35.85
11 41 33 00-0192	EA	24" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	478.10	33.94
11 41 33 00-0193	EA	24" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	498.17	34.21
11 41 33 00-0194	EA	24" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	513.42	34.49
11 41 33 00-0195	EA	24" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	552.86	34.76
11 41 33 00-0196	EA	24" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	577.78	35.03
11 41 33 00-0197	EA	24" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	626.80	35.30
11 41 33 00-0198	EA	24" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	661.28	35.58
11 41 33 00-0199	EA	24" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	745.00	36.12
11 41 33 00-0200	EA	30" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	633.18	34.21
11 41 33 00-0201	EA	30" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	711.04	34.49
11 41 33 00-0202	EA	30" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	760.16	34.76
11 41 33 00-0203	EA	30" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	871.88	35.03
11 41 33 00-0204	EA	36" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	699.08	35.30
11 41 33 00-0205	EA	36" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	772.29	35.58
11 41 33 00-0206	EA	36" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	864.69	35.85
11 41 33 00-0207	EA	36" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	1,013.98	36.39

11 41 33 00-0208 96" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit (11 41 33 00-0002)

11 41 33 00-0209	EA	14" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	450.28	33.11
11 41 33 00-0210	EA	14" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	475.16	33.39
11 41 33 00-0211	EA	14" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	506.10	33.66
11 41 33 00-0212	EA	14" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	525.08	33.94
11 41 33 00-0213	EA	14" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	561.95	34.21
11 41 33 00-0214	EA	14" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	593.03	34.49
11 41 33 00-0215	EA	14" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	617.91	34.76
11 41 33 00-0216	EA	14" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	673.76	35.30
11 41 33 00-0217	EA	18" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	493.19	33.39
11 41 33 00-0218	EA	18" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	512.15	33.66
11 41 33 00-0219	EA	18" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	531.12	33.94
11 41 33 00-0220	EA	18" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	586.14	34.21
11 41 33 00-0221	EA	18" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	623.14	34.49
11 41 33 00-0222	EA	18" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	672.11	34.76
11 41 33 00-0223	EA	18" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	690.94	35.03
11 41 33 00-0224	EA	18" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	759.01	35.58
11 41 33 00-0225	EA	21" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	518.21	33.66
11 41 33 00-0226	EA	21" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	561.13	33.94
11 41 33 00-0227	EA	21" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	592.21	34.21
11 41 33 00-0228	EA	21" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	629.05	34.49
11 41 33 00-0229	EA	21" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	654.09	34.76
11 41 33 00-0230	EA	21" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	715.16	35.03
11 41 33 00-0231	EA	21" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	746.11	35.30
11 41 33 00-0232	EA	21" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	826.15	35.85
11 41 33 00-0233	EA	24" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	573.36	33.94
11 41 33 00-0234	EA	24" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	598.25	34.21
11 41 33 00-0235	EA	24" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	617.09	34.49
11 41 33 00-0236	EA	24" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	666.19	34.76
11 41 33 00-0237	EA	24" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	697.13	35.03
11 41 33 00-0238	EA	24" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	758.19	35.30
11 41 33 00-0239	EA	24" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	801.10	35.58
11 41 33 00-0240	EA	24" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	905.35	36.12
11 41 33 00-0241	EA	30" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	767.01	34.21
11 41 33 00-0242	EA	30" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	864.12	34.49
11 41 33 00-0243	EA	30" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	925.30	34.76
11 41 33 00-0244	EA	30" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	1,064.79	35.03
11 41 33 00-0245	EA	36" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	848.56	35.30

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 41 33 00-0246	EA		36" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	939.88	35.58
11 41 33 00-0247	EA		36" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	1,055.15	35.85
11 41 33 00-0248	EA		36" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	1,241.36	36.39

11 41 33 00-0249 Galvanized Shelving Units (11 41 33 00-0001)
11 41 33 00-0250 54" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit (11 41 33 00-0249)

11 41 33 00-0251	EA		14" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	394.60	33.11
11 41 33 00-0252	EA		14" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	416.09	33.39
11 41 33 00-0253	EA		14" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	442.84	33.66
11 41 33 00-0254	EA		14" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	464.34	33.94
11 41 33 00-0255	EA		14" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	496.28	34.21
11 41 33 00-0256	EA		14" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	522.93	34.49
11 41 33 00-0257	EA		14" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	549.69	34.76
11 41 33 00-0258	EA		14" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	592.67	35.30
11 41 33 00-0259	EA		18" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	431.60	33.39
11 41 33 00-0260	EA		18" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	448.02	33.66
11 41 33 00-0261	EA		18" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	479.85	33.94
11 41 33 00-0262	EA		18" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	516.95	34.21
11 41 33 00-0263	EA		18" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	548.87	34.49
11 41 33 00-0264	EA		18" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	591.02	34.76
11 41 33 00-0265	EA		18" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	622.98	35.03
11 41 33 00-0266	EA		18" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	671.30	35.58
11 41 33 00-0267	EA		21" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	453.18	33.66
11 41 33 00-0268	EA		21" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	495.46	33.94
11 41 33 00-0269	EA		21" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	522.11	34.21
11 41 33 00-0270	EA		21" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	554.05	34.49
11 41 33 00-0271	EA		21" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	575.54	34.76
11 41 33 00-0272	EA		21" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	633.31	35.03
11 41 33 00-0273	EA		21" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	660.07	35.30
11 41 33 00-0274	EA		21" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	739.34	35.85
11 41 33 00-0275	EA		24" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	505.80	33.94
11 41 33 00-0276	EA		24" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	527.28	34.21
11 41 33 00-0277	EA		24" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	543.72	34.49
11 41 33 00-0278	EA		24" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	585.87	34.76
11 41 33 00-0279	EA		24" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	633.31	35.03
11 41 33 00-0280	EA		24" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	685.90	35.30
11 41 33 00-0281	EA		24" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	728.17	35.58
11 41 33 00-0282	EA		24" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	823.03	36.12

11 41 33 00-0283 63" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit (11 41 33 00-0249)

11 41 33 00-0284	EA		14" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	404.94	33.11
11 41 33 00-0285	EA		14" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	426.42	33.39
11 41 33 00-0286	EA		14" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	453.18	33.66
11 41 33 00-0287	EA		14" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	474.67	33.94
11 41 33 00-0288	EA		14" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	506.62	34.21
11 41 33 00-0289	EA		14" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	533.26	34.49
11 41 33 00-0290	EA		14" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	560.02	34.76
11 41 33 00-0291	EA		14" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	603.01	35.30
11 41 33 00-0292	EA		18" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	441.94	33.39
11 41 33 00-0293	EA		18" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	458.36	33.66
11 41 33 00-0294	EA		18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	490.19	33.94
11 41 33 00-0295	EA		18" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	527.28	34.21
11 41 33 00-0296	EA		18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	559.20	34.49
11 41 33 00-0297	EA		18" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	601.36	34.76
11 41 33 00-0298	EA		18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	633.31	35.03
11 41 33 00-0299	EA		18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	681.56	35.58
11 41 33 00-0300	EA		21" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	463.51	33.66
11 41 33 00-0301	EA		21" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	505.80	33.94
11 41 33 00-0302	EA		21" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	532.44	34.21
11 41 33 00-0303	EA		21" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	564.38	34.49
11 41 33 00-0304	EA		21" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	585.87	34.76
11 41 33 00-0305	EA		21" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	643.64	35.03
11 41 33 00-0306	EA		21" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	670.41	35.30
11 41 33 00-0307	EA		21" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	749.67	35.85
11 41 33 00-0308	EA		24" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	516.13	33.94
11 41 33 00-0309	EA		24" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	537.62	34.21
11 41 33 00-0310	EA		24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	554.05	34.49
11 41 33 00-0311	EA		24" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	596.20	34.76
11 41 33 00-0312	EA		24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	643.64	35.03
11 41 33 00-0313	EA		24" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	696.23	35.30
11 41 33 00-0314	EA		24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	738.51	35.58
11 41 33 00-0315	EA		24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	833.37	36.12

11 41 33 00-0316 74" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit (11 41 33 00-0249)

11 41 33 00-0317	EA		14" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	415.27	33.11
11 41 33 00-0318	EA		14" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	436.76	33.39
11 41 33 00-0319	EA		14" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	463.51	33.66
11 41 33 00-0320	EA		14" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	485.01	33.94
11 41 33 00-0321	EA		14" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	516.95	34.21
11 41 33 00-0322	EA		14" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	543.59	34.49
11 41 33 00-0323	EA		14" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	570.36	34.76

11 Equipment

11 40 Foodservice Equipment

11 41 Foodservice Storage Equipment

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

11 41 33 00-0324	EA	14" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	613.34	35.30
11 41 33 00-0325	EA	18" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	452.27	33.39
11 41 33 00-0326	EA	18" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	468.69	33.66
11 41 33 00-0327	EA	18" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	500.52	33.94
11 41 33 00-0328	EA	18" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	537.62	34.21
11 41 33 00-0329	EA	18" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	569.54	34.49
11 41 33 00-0330	EA	18" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	611.69	34.76
11 41 33 00-0331	EA	18" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	643.64	35.03
11 41 33 00-0332	EA	18" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	691.89	35.58
11 41 33 00-0333	EA	21" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	473.84	33.66
11 41 33 00-0334	EA	21" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	516.13	33.94
11 41 33 00-0335	EA	21" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	542.77	34.21
11 41 33 00-0336	EA	21" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	574.72	34.49
11 41 33 00-0337	EA	21" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	596.20	34.76
11 41 33 00-0338	EA	21" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	653.98	35.03
11 41 33 00-0339	EA	21" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	680.74	35.30
11 41 33 00-0340	EA	21" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	760.00	35.85
11 41 33 00-0341	EA	24" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	526.46	33.94
11 41 33 00-0342	EA	24" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	547.95	34.21
11 41 33 00-0343	EA	24" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	564.38	34.49
11 41 33 00-0344	EA	24" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	606.54	34.76
11 41 33 00-0345	EA	24" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	653.98	35.03
11 41 33 00-0346	EA	24" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	706.56	35.30
11 41 33 00-0347	EA	24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	748.84	35.58
11 41 33 00-0348	EA	24" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	843.70	36.12

11 41 33 00-0349 86" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit (11 41 33 00-0249)

11 41 33 00-0350	EA	14" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	441.21	33.11
11 41 33 00-0351	EA	14" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	462.70	33.39
11 41 33 00-0352	EA	14" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	489.46	33.66
11 41 33 00-0353	EA	14" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	510.95	33.94
11 41 33 00-0354	EA	14" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	542.90	34.21
11 41 33 00-0355	EA	14" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	569.54	34.49
11 41 33 00-0356	EA	14" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	596.30	34.76
11 41 33 00-0357	EA	14" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	639.28	35.30
11 41 33 00-0358	EA	18" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	478.21	33.39
11 41 33 00-0359	EA	18" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	494.63	33.66
11 41 33 00-0360	EA	18" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	526.46	33.94
11 41 33 00-0361	EA	18" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	563.56	34.21
11 41 33 00-0362	EA	18" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	595.48	34.49
11 41 33 00-0363	EA	18" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	637.63	34.76
11 41 33 00-0364	EA	18" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	669.59	35.03
11 41 33 00-0365	EA	18" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	717.84	35.58
11 41 33 00-0366	EA	21" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	499.79	33.66
11 41 33 00-0367	EA	21" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	542.08	33.94
11 41 33 00-0368	EA	21" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	568.72	34.21
11 41 33 00-0369	EA	21" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	600.66	34.49
11 41 33 00-0370	EA	21" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	622.15	34.76
11 41 33 00-0371	EA	21" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	679.92	35.03
11 41 33 00-0372	EA	21" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	706.69	35.30
11 41 33 00-0373	EA	21" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	785.95	35.85
11 41 33 00-0374	EA	24" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	552.41	33.94
11 41 33 00-0375	EA	24" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	573.90	34.21
11 41 33 00-0376	EA	24" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	590.33	34.49
11 41 33 00-0377	EA	24" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	632.48	34.76
11 41 33 00-0378	EA	24" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	679.92	35.03
11 41 33 00-0379	EA	24" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	732.51	35.30
11 41 33 00-0380	EA	24" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	774.78	35.58
11 41 33 00-0381	EA	24" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	869.64	36.12

11 41 33 00-0382 54" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit (11 41 33 00-0249)

11 41 33 00-0383	EA	18" x 36" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	775.01	33.94
11 41 33 00-0384	EA	18" x 48" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	854.36	34.49
11 41 33 00-0385	EA	18" x 60" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	959.56	35.03
11 41 33 00-0386	EA	18" x 72" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	1,023.33	35.58
11 41 33 00-0387	EA	24" x 36" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	849.10	34.49
11 41 33 00-0388	EA	24" x 48" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	985.41	35.03
11 41 33 00-0389	EA	24" x 60" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	1,090.60	35.58
11 41 33 00-0390	EA	24" x 72" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	1,247.56	36.12

11 41 33 00-0391 63" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit (11 41 33 00-0249)

11 41 33 00-0392	EA	18" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	785.34	33.94
11 41 33 00-0393	EA	18" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	864.71	34.49
11 41 33 00-0394	EA	18" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	969.90	35.03
11 41 33 00-0395	EA	18" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	1,033.66	35.58
11 41 33 00-0396	EA	24" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	859.44	34.49
11 41 33 00-0397	EA	24" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	995.74	35.03
11 41 33 00-0398	EA	24" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	1,100.94	35.58
11 41 33 00-0399	EA	24" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	1,257.90	36.12

11 41 33 00-0400 74" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit (11 41 33 00-0249)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 41 33 00-0401	EA	18" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	795.67	33.94
11 41 33 00-0402	EA	18" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	875.05	34.49
11 41 33 00-0403	EA	18" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	980.25	35.03
11 41 33 00-0404	EA	18" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	1,043.99	35.58
11 41 33 00-0405	EA	24" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	869.77	34.49
11 41 33 00-0406	EA	24" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	1,006.08	35.03
11 41 33 00-0407	EA	24" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	1,111.27	35.58
11 41 33 00-0408	EA	24" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	1,268.26	36.12
11 41 33 00-0409		86" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit <small>(11 41 33 00-0249)</small>		
11 41 33 00-0410	EA	18" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	821.62	33.94
11 41 33 00-0411	EA	18" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	900.97	34.49
11 41 33 00-0412	EA	18" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	1,006.17	35.03
11 41 33 00-0413	EA	18" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	1,069.94	35.58
11 41 33 00-0414	EA	24" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	895.72	34.49
11 41 33 00-0415	EA	24" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	1,032.02	35.03
11 41 33 00-0416	EA	24" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	1,137.21	35.58
11 41 33 00-0417	EA	24" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	1,294.18	36.12
11 41 33 00-0418		Stainless Steel Shelving Unit <small>(11 41 33 00-0001)</small>		
11 41 33 00-0419		63" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit <small>(11 41 33 00-0418)</small>		
11 41 33 00-0420	EA	18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	914.75	33.94
11 41 33 00-0421	EA	18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,069.84	34.49
11 41 33 00-0422	EA	18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,265.96	35.03
11 41 33 00-0423	EA	18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,471.38	35.58
11 41 33 00-0424	EA	24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,082.87	34.49
11 41 33 00-0425	EA	24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,260.84	35.03
11 41 33 00-0426	EA	24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,494.25	35.58
11 41 33 00-0427	EA	24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,802.71	36.12
11 41 33 00-0428		74" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit <small>(11 41 33 00-0418)</small>		
11 41 33 00-0429	EA	18" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	947.40	33.94
11 41 33 00-0430	EA	18" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,102.49	34.49
11 41 33 00-0431	EA	18" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,303.26	35.03
11 41 33 00-0432	EA	18" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,504.02	35.58
11 41 33 00-0433	EA	24" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,115.52	34.49
11 41 33 00-0434	EA	24" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,293.48	35.03
11 41 33 00-0435	EA	24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,526.89	35.58
11 41 33 00-0436	EA	24" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,835.37	36.12
11 41 33 00-0437		86" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit <small>(11 41 33 00-0418)</small>		
11 41 33 00-0438	EA	18" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	980.04	33.94
11 41 33 00-0439	EA	18" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,135.13	34.49
11 41 33 00-0440	EA	18" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,335.90	35.03
11 41 33 00-0441	EA	18" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,536.67	35.58
11 41 33 00-0442	EA	24" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,148.16	34.49
11 41 33 00-0443	EA	24" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,326.13	35.03
11 41 33 00-0444	EA	24" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,559.54	35.58
11 41 33 00-0445	EA	24" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,868.00	36.12
11 41 33 00-0446		63" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit <small>(11 41 33 00-0418)</small>		
11 41 33 00-0447	EA	18" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,670.83	33.94
11 41 33 00-0448	EA	18" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,850.91	34.49
11 41 33 00-0449	EA	18" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	2,090.23	35.03
11 41 33 00-0450	EA	18" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	2,234.47	35.58
11 41 33 00-0451	EA	24" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	2,008.95	34.49
11 41 33 00-0452	EA	24" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	2,373.06	35.03
11 41 33 00-0453	EA	24" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	2,638.41	35.58
11 41 33 00-0454	EA	24" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	3,035.59	36.12
11 41 33 00-0455		74" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit <small>(11 41 33 00-0418)</small>		
11 41 33 00-0456	EA	18" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,722.59	33.94
11 41 33 00-0457	EA	18" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,905.82	34.49
11 41 33 00-0458	EA	18" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	2,149.38	35.03
11 41 33 00-0459	EA	18" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	2,296.08	35.58
11 41 33 00-0460	EA	24" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	2,060.74	34.49
11 41 33 00-0461	EA	24" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	2,424.83	35.03
11 41 33 00-0462	EA	24" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	2,693.10	35.58
11 41 33 00-0463	EA	24" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	3,094.75	36.12
11 41 33 00-0464		86" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit <small>(11 41 33 00-0418)</small>		
11 41 33 00-0465	EA	18" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,774.38	33.94
11 41 33 00-0466	EA	18" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,956.60	34.49
11 41 33 00-0467	EA	18" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	2,198.89	35.03
11 41 33 00-0468	EA	18" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	2,344.90	35.58

11 Equipment
11 40 Foodservice Equipment
11 41 Foodservice Storage Equipment

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

11 41 33 00-0469	EA	24" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	2,112.51	34.49
11 41 33 00-0470	EA	24" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	2,476.62	35.03
11 41 33 00-0471	EA	24" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	2,743.22	35.58
11 41 33 00-0472	EA	24" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	3,142.27	36.12

11 41 33 00-0473 Galvanized Steel Dunnage Rack (11 41 33 00-0001)

11 41 33 00-0474	EA	18" x 24" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	251.00	24.41
11 41 33 00-0475	EA	18" x 30" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	264.73	25.08
11 41 33 00-0476	EA	18" x 36" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	280.41	25.77
11 41 33 00-0477	EA	18" x 48" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	309.70	26.45
11 41 33 00-0478	EA	18" x 60" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	335.10	27.12
11 41 33 00-0479	EA	24" x 24" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	270.46	24.41
11 41 33 00-0480	EA	24" x 30" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	295.86	25.08
11 41 33 00-0481	EA	24" x 36" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	311.54	25.77
11 41 33 00-0482	EA	24" x 48" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	338.89	26.45
11 41 33 00-0483	EA	24" x 60" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	370.12	27.12

11 41 33 00-0484 Stainless Steel Dunnage Rack (11 41 33 00-0001)

11 41 33 00-0485	EA	18" x 36" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	685.92	25.77
11 41 33 00-0486	EA	18" x 48" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	861.76	26.45
11 41 33 00-0487	EA	18" x 60" Open Wire Shelf, 16-1/4" Height, Stainless Steel Dunnage Rack	1,461.68	27.12
11 41 33 00-0488	EA	24" x 36" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	750.98	25.77
11 41 33 00-0489	EA	24" x 48" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	937.09	26.45
11 41 33 00-0490	EA	24" x 60" Open Wire Shelf, 16-1/4" Height, Stainless Steel Dunnage Rack	1,594.65	27.12

11 41 33 00-0491 Mobile Racks (11 41 33 00-0001)

11 41 33 00-0492	EA	Mobile Rack With Pan Slide.....	1,917.12	41.09
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11 41 33 00-0493 Can Racks (11 41 33 00-0001)

11 41 33 00-0494	EA	27-1/4" Wide x 42" Deep x 81-1/16" High, Aluminum Frame Can Rack	3,890.71	41.09
Note: 156 #10 cans capacity				

11 42 Food Preparation Equipment (11 40)

11 42 13 Food Preparation Appliances (11 42)

11 42 13 00-0001 Vertical Cutter Mixers (11 42 13)

11 42 13 00-0002	EA	Bench Type Mixers, 25 Quart	11,274.62	218.39
11 42 13 00-0003	EA	Bench Type Mixers, 40 Quart	13,030.74	242.66
11 42 13 00-0004	EA	Bench Type Mixers, 80 Quart	16,182.13	349.43
11 42 13 00-0005	EA	Bench Type Mixers, 130 Quart	18,077.22	436.79

11 42 13 00-0006 Choppers (11 42 13)

11 42 13 00-0007	EA	Choppers, 5 LB.....	2,837.74	194.13
11 42 13 00-0008	EA	Choppers, 16 LB.....	4,163.22	252.37
11 42 13 00-0009	EA	Choppers, 35 LB - 40 LB	8,049.98	310.60
11 42 13 00-0010	EA	Choppers, 35 LB - 40 LB/Min, 2 HP.....	6,681.71	275.95
11 42 13 00-0011	EA	Choppers, 35 LB - 40 LB/Min, 3 HP.....	7,579.51	275.95

11 42 13 00-0012 Stand Model Mixer (11 42 13)

11 42 13 00-0013	EA	10 Quart, 120 Volt, 3/4 HP, Gear-Driven Commercial Planetary Stand Mixer With Guard (Avantco MX10).....	1,336.96	92.68
11 42 13 00-0014	EA	20 Quart, 120 Volt, 1-1/2 HP, Gear-Driven Commercial Planetary Stand Mixer With Guard (Avantco MX20)	1,666.46	92.68
11 42 13 00-0015	EA	10 Quart, 120 Volt, 1/3 HP, Gear-Driven Commercial Planetary Stand Mixer With Guard (Globe SP10)	4,421.03	92.68
11 42 13 00-0016	EA	20 Quart, 240 Voltage, 1/2 HP, Gear-Driven Commercial Planetary Stand Mixer With Stainless Steel Bowl Guard (Hobart HL-200-1).....	9,343.82	92.21

11 42 13 00-0017 Floor Model Mixer (11 42 13)

11 42 13 00-0018	EA	30 Quart, 120 Voltage, 1-3/4 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Avantco MX30).....	3,478.67	92.68
11 42 13 00-0019	EA	40 Quart, 240 Voltage, 2 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Avantco MX40).....	4,817.27	103.00
11 42 13 00-0020	EA	60 Quart, 240 Voltage, 2-1/2 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Avantco MX60).....	8,302.69	115.86
11 42 13 00-0021	EA	30 Quart, 240 Voltage, 3/4 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL-300-1).....	17,783.15	92.21
11 42 13 00-0022	EA	40 Quart, 240 Voltage, 1-1/2 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL-400-1).....	21,837.56	94.63
11 42 13 00-0023	EA	60 Quart, 220-240 Voltage, 2-3/4 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL-600-1).....	27,818.58	97.06
11 42 13 00-0024	EA	80 Quart, 220-240 Voltage, 3 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL800-1).....	41,087.72	121.32
11 42 13 00-0025	EA	140 Quart, 220-240 Voltage, 5 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL-1400-1).....	52,630.53	155.30

11 42 13 00-0026 Slicers (11 42 13)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 42 13 00-0027	EA	1/3 HP, 12" Manual Gravity Feed Meat Slicer (Avantco SL312).....	736.30	28.97
11 42 13 00-0028	EA	1/2 HP, 12" Manual Gravity Feed Meat Slicer (Avantco SL512).....	1,074.14	28.97
11 42 13 00-0029	EA	1/2 HP, 13" Medium-Duty Manual Gravity Feed Meat Slicer (Avantco SL713MAN).....	1,549.00	28.97
11 42 13 00-0030	EA	1/2 HP, 12" Medium-Duty Automatic Meat Slicer With Manual Use Option (Avantco SL612A).....	2,634.39	28.97
11 42 13 00-0031	EA	3/4 HP, 13" Medium-Duty Automatic Meat Slicer With Manual Use Option (Avantco SL713A).....	2,905.74	28.97
11 42 13 00-0032	EA	1/2 HP, 13" Heavy-Duty Automatic Gravity Feed Meat Slicer (Hobart EDGE13A-11).....	6,546.95	28.97
11 42 13 00-0033 Peelers <small>(11 42 13)</small>				
11 42 13 00-0034	EA	22 Lb, 120 Voltage, Potato Peeler (Sammic PI-10).....	3,661.07	157.73
11 42 13 00-0035	EA	44 Lb, 120 Voltage, Potato Peeler (Sammic PI-20).....	4,226.21	183.94
11 42 13 00-0036	EA	66 Lb, 120 Voltage, Potato Peeler (Sammic PI-30).....	6,570.05	210.34
11 42 13 00-0037	EA	20 Lb, 115 Voltage, Potato Peeler (Hobart 6115).....	5,867.09	157.73
11 42 13 00-0038	EA	40 Lb, 115 Voltage, Potato Peeler (Hobart 6430-1).....	11,912.48	183.94
11 42 13 00-0039	EA	60 Lb, 115 Voltage, Potato Peeler (Hobart 6460-1).....	12,687.51	210.34
11 42 13 00-0040 Proof Boxes <small>(11 42 13)</small>				
11 42 13 00-0041	EA	30-1/2" x 22-1/2", Stainless Steel Proof Box.....	3,542.21	74.82
11 42 13 00-0042	EA	30-1/2" x 45", Stainless Steel Proof Box.....	5,927.11	125.39
11 42 13 00-0043	EA	30-1/2" x 45", Galvanized Proof Box.....	3,847.32	56.92
11 42 13 00-0044 Non-Insulated Heated Proof Cabinet <small>(11 42 13)</small>				
11 42 13 00-0045	EA	Angle Slide 69-3/4", Solid Door Non Insulated Heated Proof Cabinet.....	2,154.27	71.70
11 42 13 00-0046	EA	Angle Slide 69-3/4", Clear Door Non Insulated Heated Proof Cabinet.....	2,310.98	76.66
11 42 13 00-0047	EA	Channel Slide 69-3/4", Solid Door Non Insulated Heated Proof Cabinet.....	2,139.66	71.12
11 42 13 00-0048	EA	Channel Slide 69-3/4", Clear Door Non Insulated Heated Proof Cabinet.....	2,267.75	75.39
11 42 13 00-0049 Insulated Heated Proof Cabinet <small>(11 42 13)</small>				
11 42 13 00-0050	EA	3 Spacing, 69-3/4" High Solid Door Insulated Heated Proof Cabinet.....	3,520.87	133.07
11 42 13 00-0051	EA	3 Spacing 69-3/4" High Sliding Door Insulated Heated Proof Cabinet.....	3,679.37	139.11
11 42 13 00-0052 Pass-Thru Hot Food Holding Cabinet <small>(11 42 13)</small>				
11 42 13 00-0053	EA	Single Section, Full Door, Pass-Thru Hot Food Holding Cabinet.....	7,221.97	203.84
11 42 13 00-0054	EA	Single Section, Half Door, Pass-Thru Hot Food Holding Cabinet.....	7,685.67	203.84
11 42 13 00-0055	EA	Two Section, Full Door, Pass-Thru Hot Food Holding Cabinet.....	9,821.48	213.53
11 42 13 00-0056	EA	Two Section, Half Door, Pass-Thru Hot Food Holding Cabinet.....	10,768.71	213.53
11 42 16 Food Preparation Surfaces <small>(11 42)</small>				
11 42 16 00-0001 Tables <small>(11 42 16)</small>				
11 42 16 00-0002 Baker's Table <small>(11 42 16 00-0001)</small>				
11 42 16 00-0003	EA	4' Open Base Baker's Table.....	886.99	59.32
11 42 16 00-0004	EA	10' Open Base Baker's Table.....	1,740.87	116.31
11 42 16 00-0005	EA	10' Undershelf Baker's Table.....	2,147.96	143.53
11 42 16 00-0006	EA	10' Three Drawers Baker's Table.....	2,303.80	154.12
11 42 16 00-0007	EA	10' Bins Baker's Table.....	3,389.51	226.82
11 42 16 00-0008	EA	10' Bins And Drawers Baker's Table.....	5,322.46	356.04
11 42 16 00-0009 Preparation Table, Stainless Steel, With Undershelf <small>(11 42 16 00-0001)</small>				
11 42 16 00-0010	EA	30" x 72" Square Edge Stainless Steel Preparation Table With Undershelf.....	1,301.72	31.28
11 42 16 00-0011	EA	30" x 72" Marine Edge Stainless Steel Preparation Table With Undershelf.....	1,402.17	37.57
11 42 16 00-0012	EA	36" x 96" Marine Edge Stainless Steel Preparation Table With Undershelf.....	2,120.42	51.07
11 42 16 00-0013 Preparation Table, Stainless Steel, With Open Front <small>(11 42 16 00-0001)</small>				
11 42 16 00-0014	EA	30" X 72" Round Edge Stainless Steel Preparation Table With Open Front.....	1,370.65	32.91
11 42 16 00-0015	EA	36" X 96" Round Edge Stainless Steel Preparation Table With Open Front.....	1,761.67	42.34
11 42 16 00-0016	EA	36" X 96" Square Edge Stainless Steel Preparation Table With Open Front.....	1,513.26	36.41
11 42 16 00-0017	EA	36" X 96" Marine Edge Stainless Steel Preparation Table With Open Front.....	1,821.47	43.85
11 42 16 00-0018	EA	Roller Utility Drawers Stainless Steel Preparation Table With Open Front.....	367.97	8.83
11 42 16 00-0019 Mobile Tables <small>(11 42 16 00-0001)</small>				
11 42 16 00-0020	EA	21-1/4" x 27-1/2" x 41" Galvanized Mobile Table With Galvanized Top.....	3,698.27	28.03
11 42 16 00-0021	EA	32-1/4" x 27-1/2" x 41" Galvanized Mobile Table With Galvanized Top.....	1,992.72	33.62
11 42 16 00-0022	EA	32-1/4" x 27-1/2" x 41" Stainless Steel Mobile Table With Stainless Steel Top.....	1,568.51	37.80
11 42 16 00-0023 Hot Food Tables, Stainless Steel, Gas Or Electric <small>(11 42 16 00-0001)</small>				
11 42 16 00-0024	EA	32-1/4" x 27-1/2" x 41" Stainless Steel Hot Food Tables.....	2,801.32	67.46
11 42 16 00-0025	EA	32-1/4" x 27-1/2" x 21" Stainless Steel Hot Food Tables.....	2,272.23	54.67
11 42 16 00-0026	EA	Full Size Pan With Cover Stainless Steel Hot Food Tables.....	188.59	4.54
11 42 16 00-0027	EA	Set Of Three 1/3 Size With Cover Stainless Steel Hot Food Tables.....	275.95	6.63
11 42 16 00-0028	EA	58-1/2", 4 Openings Stainless Steel Hot Food Tables.....	5,529.32	117.19
11 42 16 00-0029	EA	114-1/2", 8 Openings Stainless Steel Hot Food Tables.....	11,000.14	233.80

11 Equipment
11 40 Foodservice Equipment
11 42 Food Preparation Equipment

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 42 16 00-0030			Basic Table <small>(11 42 16 00-0001)</small>		
11 42 16 00-0031	LF		Table, Basic.....	293.19	22.84

11 42 16 00-0032			Table With Sink <small>(11 42 16)</small>		
11 42 16 00-0033	LF		Table With Sink.....	372.84	44.58

11 42 23 Food Preparation Scullery Sinks (11 42)

11 42 23 00-0001			Stainless Steel Scullery Sinks <small>(11 42 23)</small>		
			Note: Excludes faucet. See CSI section 22 42 39 00-0085 for service sink faucets.		
11 42 23 00-0002	EA		Stainless Steel Scullery Sink, Single 30" x 24" x 12" Compartment And Drainboard.....	2,439.42	187.05
			<i>For Additional Drain Board, Add</i>	222.57	
11 42 23 00-0003	EA		Stainless Steel Scullery Sink, Double 30" x 24" x 12" Compartment And Drainboard.....	3,431.75	213.77
			<i>For Additional Drain Board, Add</i>	316.45	
11 42 23 00-0004	EA		Stainless Steel Scullery Sink, Triple 30" x 24" x 12" Compartment And Drainboard.....	4,535.54	213.77
			<i>For Additional Drain Board, Add</i>	421.49	
11 42 23 00-0005	EA		Stainless Steel Scullery Sink, Quad 30" x 24" x 12" Compartment And Drainboard.....	6,488.42	213.77
			<i>For Additional Drain Board, Add</i>	606.09	
11 42 23 00-0006	EA		Stainless Steel Pot Sink, Double 20" x 20" x 18" Compartment And Drainboard.....	4,031.95	213.77
11 42 23 00-0007	EA		36" Wide, Double 21" Length x 18" Width x 14" Depth Compartment, 16 Gauge, Stainless Steel Scullery Sink (Advance Tabco 4-2-36-X).....	1,347.79	187.05
11 42 23 00-0008	EA		39" Wide, Double 16" Length x 20" Width x 12" Depth, 18 Gauge, Stainless Steel Scullery Sink (Elkay E2C16X20-0X).....	1,354.45	187.05
11 42 23 00-0009	EA		54" Wide, Triple 21" Length x 18" Width x 14" Depth Compartment, 16 Gauge, Stainless Steel Scullery Sink (Advance Tabco 4-3-54-X).....	1,612.94	213.77

11 44 Food Cooking Equipment (11 44)

11 44 13 Commercial Ranges (11 44)

11 44 13 00-0001			Range <small>(11 44 13)</small>		
11 44 13 00-0002	EA		Heavy Duty Range, With 34" Open Top Oven.....	3,178.00	97.06
11 44 13 00-0003	EA		Range With Fry Top.....	3,178.00	97.06
11 44 13 00-0004	EA		Steel Finish Fry Top.....	6,839.01	140.74
11 44 13 00-0005	EA		Stainless Top Only Fry Top.....	6,836.41	139.13
11 44 13 00-0006	EA		Stainless Top And 2 Sides Fry Top.....	7,899.32	161.99
11 44 13 00-0007	EA		Gas Range, Vulcan #260L.....	7,119.51	144.32
			Note: Six 12" burners, open top sections, porcelain on steel aeration plates and grates. 24" griddle/broiler, two 26-1/4" x 22" x 14-1/2" ovens porcelain on steel liner and aluminized steel construction, nickel plated oven racks.		
11 44 13 00-0008	EA		48" Range With Casters (Vulcan 48C-4B24GN).....	14,434.43	82.19

11 44 16 Commercial Ovens (11 44)

11 44 16 00-0001			Bake Oven <small>(11 44 16)</small>		
11 44 16 00-0002	EA		55", 208 Voltage, 1 Phase, Single Deck Electric Bake Oven (Bakers Pride EB-1-8-3836).....	19,147.67	406.14
11 44 16 00-0003	EA		55", 208 Voltage, 3 Phase, Single Deck Electric Bake Oven (Bakers Pride EB-1-8-3836).....	19,147.67	406.14
11 44 16 00-0004	EA		74", 208 Voltage, 1 Phase, Single Deck Electric Bake Oven (Bakers Pride EB-1-8-5736).....	25,925.79	406.14
11 44 16 00-0005	EA		74", 208 Voltage, 3 Phase, Single Deck Electric Bake Oven (Bakers Pride EB-1-8-5736).....	25,925.79	406.14
11 44 16 00-0006	EA		55", 208 Voltage, 1 Phase, Double Deck Electric Bake Oven (Bakers Pride EB-2-8-3836).....	36,999.42	464.16
11 44 16 00-0007	EA		55", 208 Voltage, 3 Phase, Double Deck Electric Bake Oven (Bakers Pride EB-2-8-3836).....	36,999.42	464.16
11 44 16 00-0008	EA		74", 208 Voltage, 1 Phase, Double Deck Electric Bake Oven (Bakers Pride EB-2-8-7436).....	54,086.03	464.16
11 44 16 00-0009	EA		74", 208 Voltage, 3 Phase, Double Deck Electric Bake Oven (Bakers Pride EB-2-8-7436).....	54,086.03	464.16
11 44 16 00-0010	EA		55", 208 Voltage, 1 Phase, Triple Deck Electric Bake Oven (Bakers Pride EB-3-8-3836).....	58,800.86	580.19
11 44 16 00-0011	EA		55", 208 Voltage, 3 Phase, Triple Deck Electric Bake Oven (Bakers Pride EB-3-8-3836).....	58,800.86	580.19
11 44 16 00-0012	EA		74", 208 Voltage, 1 Phase, Triple Deck Electric Bake Oven (Bakers Pride EB-3-8-7436).....	82,667.90	580.19
11 44 16 00-0013	EA		74", 208 Voltage, 3 Phase, Triple Deck Electric Bake Oven (Bakers Pride EB-3-8-7436).....	82,667.90	580.19

11 44 16 00-0014 Rapid-Cook Countertop Bake Ovens (11 44 16)

11 44 16 00-0015	EA		6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Digital Control, Stainless Steel Countertop Oven (TurboChef ECS-9500-1).....	10,641.97	20.55
11 44 16 00-0016	EA		800 To 2,200 Watts, 208/240 Volt, Rapid Cook Type, Touchscreen Control, Stainless Steel Classic Countertop Oven (MerryChef E1SM).....	6,309.63	20.55
11 44 16 00-0017	EA		4,700 Watts, 208/240 Volt, 1.2 CF, Rapid Cook Type, Touchscreen Control, Stainless Steel Countertop Oven (MerryChef E3-1330-H).....	4,967.01	20.55
11 44 16 00-0018	EA		800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop High-Speed Oven (TurboChef ECO-9500-1).....	7,580.30	20.55
11 44 16 00-0019	EA		800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop Oven, Black (TurboChef ECO-9500-5).....	7,889.93	20.55
11 44 16 00-0020	EA		800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop Oven, Red (TurboChef ECO-9500-2).....	7,889.93	20.55
11 44 16 00-0021	EA		800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Blue (TurboChef ECO-9500).....	7,889.93	20.55
11 44 16 00-0022	EA		800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Green (TurboChef ECO-9500).....	7,889.93	20.55
11 44 16 00-0023	EA		800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven, White (TurboChef ECO-9500).....	7,889.93	20.55
11 44 16 00-0024	EA		1,600 To 1,700 Watts, 208/240 Volt, 1.05 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop Oven (TurboChef NGC-1280-1).....	14,690.38	20.55
11 44 16 00-0025	EA		6,200 Watts, 208/240 Volt, 1.304 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (MerryChef E4S).....	13,618.86	20.55

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 44 16 00-0026	EA			4,600 Watts, 208/240 Volt, 1.2 CF, Accelerated Cook Type, Digital Controls, Stainless Steel Jetwave Ventless Countertop Oven (Amana JET19V).....	7,268.09	20.55
11 44 16 00-0027	EA			3,200 Watts, 208/240 Volt, 1.2 CF, Accelerated Cook Type, Digital Controls, Stainless Steel Jetwave Countertop Oven (Amana JET14).....	5,938.32	20.55
11 44 16 00-0028	EA			4,600 Watts, 208/240 Volt, 1.2 CF, Accelerated Cook Type, Digital Controls, Stainless Steel Countertop Oven (Amana JET19).....	6,458.67	20.55
11 44 16 00-0029	EA			6,200 Watts, 208/240 Volt, 0.78 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef ENC-9600-601).....	15,461.26	20.55
11 44 16 00-0030	EA			5,700 Watts, 208/240 Volt, 1.38 CF, Accelerated Cook Type, Digital Controls, Stainless Steel Countertop Oven With Teflon® Coating And Touch Screen Display (Amana MXP22TLT).....	13,801.30	20.55
11 44 16 00-0031	EA			1,000 To 2,200 Watts, 208/240 Volt, 0.58 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (MerryChef E2S STANDARD CLASSIC).....	9,648.82	20.55
11 44 16 00-0032	EA			9,500 To 11,500 Watts, 208/240 Volt, 2.2 CF, 1 Phase, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef i5).....	19,432.58	20.55
11 44 16 00-0033	EA			9,500 To 11,500 Watts, 208/240 Volt, 2.2 CF, 3 Phase, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef i5).....	19,432.58	20.55
11 44 16 00-0034	EA			9,500 To 11,500 Watts, 208/240 Volt, 2.2 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef i5 Touch).....	20,152.06	20.55
11 44 16 00-0035	EA			11,500 Watts, 208/240 Volt, 2.2 CF, 3 Phase, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef i5-9500-414-DL).....	20,152.06	20.55
11 44 16 00-0036	EA			1,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (Amana MRX1).....	10,679.23	20.55
11 44 16 00-0037	EA			5,000 Watts, 208/240 Volt, 1.45 CF, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef HHB-8603-1).....	10,641.97	20.55
11 44 16 00-0038	EA			6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef I1-9500-400).....	12,984.17	20.55
11 44 16 00-0039	EA			4,000 To 4,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Countertop Oven (TurboChef I1-9500-104).....	11,308.79	20.55
11 44 16 00-0040	EA			6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen, Countertop Oven With Panini Press (TurboChef PANINI).....	12,637.27	20.55
11 44 16 00-0041	EA			6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop Oven With Panini Press (TurboChef PANINI TOUCH).....	13,252.69	20.55
11 44 16 00-0042	EA			4,000 To 4,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven With Touch Controls (TurboChef SOTA SNGL MAG TOUCH).....	11,732.77	20.55
11 44 16 00-0043	EA			6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef WATERLESS STEAMER).....	14,266.40	20.55
11 44 16 00-0044	EA			6,200 Watts, 208/240 Volt, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef WATERLESS STEAMER TCH).....	14,902.37	20.55
11 44 16 00-0045	EA			2,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (Amana MRX2).....	11,257.39	20.55
11 44 16 00-0046	EA			2,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Black (Amana MRX1 BLACK).....	10,807.71	20.55
11 44 16 00-0047	EA			2,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Red (Amana MRX1 RED).....	10,807.71	20.55
11 44 16 00-0048	EA			1,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Black (Amana MRX2 BLACK).....	11,385.87	20.55
11 44 16 00-0049	EA			1,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Red (Amana MRX2 RED).....	11,385.87	20.55
11 44 16 00-0050	EA			4,000 To 4,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Powder Coated, Countertop Oven (TurboChef I1-9500-1).....	12,373.89	20.55
11 44 16 00-0051	EA			8,300 To 9,600 Watts, 208/240 Volt, 1.14 CF, 1 Phase, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef i3).....	16,582.89	20.55
11 44 16 00-0052	EA			8,600 To 9,900 Watts, 208/240 Volt, 1.14 CF, 3 Phase, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef i3).....	16,582.89	20.55
11 44 16 00-0053	EA			8,300 To 9,600 Watts, 208/240 Volt, 1.14 CF, 1 Phase, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef i3 Touch).....	17,276.68	20.55
11 44 16 00-0054	EA			8,600 To 9,900 Watts, 208/240 Volt, 1.14 CF, 3 Phase, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef i3 Touch).....	17,276.68	20.55
11 44 16 00-0055	EA			10,720/12,480 Watts, 208/240 Volt, 1.18 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Double Batch Ventless Countertop Oven (TurboChef HHD-9500-1).....	15,543.49	20.55
11 44 16 00-0056	EA			5,616 Watts, 208/240 Volt, 0.99 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Single Batch Ventless Countertop Oven (TurboChef HHS-9500-1).....	11,681.38	20.55

11 44 16 00-0057
Combination Ovens (11 44 16)

Note: Convection, steam and combination modes.

11 44 16 00-0058	EA			35.4" x 34" x 26.6" Half Size Electric Boilerless Combination Oven.....	23,429.10	169.86
11 44 16 00-0059	EA			35.4" x 45" x 36.8" Full Size Electric Boilerless Combination Oven.....	38,446.31	194.13
11 44 16 00-0060	EA			35.4" x 34" x 36.8 Half Size Electric Boilerless Combination Oven.....	31,756.96	194.13
11 44 16 00-0061	EA			35.4" x 45" x 70.4" Full Size Electric Boilerless Combination Oven.....	76,668.99	242.66
11 44 16 00-0062	EA			35.4" x 34" x 70.4 Half Size Electric Boilerless Combination Oven.....	58,199.13	242.66

11 44 16 00-0063
Broiler, Without Oven (11 44 16)

11 44 16 00-0064	EA			69" x 26" x 39" Broiler Without Oven.....	8,884.48	155.30
11 44 16 00-0065	EA			Conveyor Broiler.....	7,876.70	180.24

11 44 16 00-0066
Oven Stands (11 44 16)

11 44 16 00-0067	EA			Stationary Oven Stand (Rational 60.30.334 US III UltraVent® Stationary Oven Stand).....	1,852.71	
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11 44 16 00-0068
Countertop Electric Convection Type Ovens (11 44 16)

11 44 16 00-0069	EA			1,440 Watts, 120 Volt, 0.8 CF, 150 To 500 Degrees Fahrenheit Temperature Range, One Glass Door, Quarter Size, Thermostatic Control, Stainless Steel Countertop Electric Convection Oven (Avantco CO-14).....	291.28	10.28
11 44 16 00-0070	EA			1,600 Watts, 120 Volt, 1.5 CF, 150 To 500 Degrees Fahrenheit Temperature Range, One Glass Door, Half Size, Thermostatic Control, Stainless Steel Countertop Electric Convection Oven (Avantco CO-16).....	475.26	10.28

11 Equipment
11 40 Foodservice Equipment
11 44 Food Cooking Equipment



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
11 44 16 00-0071	EA	2,800 Watts, 208/240 Volt, 2.3 CF, 150 To 500 Degrees Fahrenheit Temperature Range, One Glass Door, Thermostatic Control, Half Size, Stainless Steel Countertop Electric Convection Oven (Avantco CO-28).....	560.94		10.28
11 44 16 00-0072	EA	2,800 Watts, 208/240 Volt, 2.3 CF, 150 To 500 Degrees Fahrenheit Temperature Range, 2.3 CF, One Glass Door, Half Size, Stainless Steel Countertop Electric Convection Oven With Steam Injection (Avantco CO-32).....	723.38		10.28
11 44 16 00-0073	EA	3,500 To 4,600 Watts, 208-240 Volt, 4.4 CF, 550 Degrees Fahrenheit, Two Glass Doors, Dial Control, Stainless Steel Full Size Electric Countertop Convection Oven (Avantco CO-38).....	1,319.01		10.28
11 44 16 00-0074	EA	3,500 To 4,600 Watts, 208 To 240 Volt, 4.4 CF, 150 To 550 Degrees Fahrenheit Temperature Range, One Glass Door, Dial Control, Full Size, Stainless Steel Countertop Electric Cooky Type Convection Oven With Steam Injection (Avantco CO-46).....	1,535.60		10.28
11 44 16 00-0075	EA	1,440 Watts, 120 Volt, 0.8 CF, 500 Degrees Fahrenheit Temperature Range, One Glass Door, Dial Control, Quarter Size, Stainless Steel Countertop Electric Convection Oven (Galaxy COE3Q).....	258.79		10.28
11 44 16 00-0076	EA	1,600 Watts, 120 Volt, 1.5 CF, 500 Degrees Fahrenheit, One Glass Door, Half Size, Dial Control, Stainless Steel Countertop Electric Convection Oven (Galaxy COE3H).....	432.06		10.28
11 44 16 00-0077	EA	1,700 Watts, 120 Volt, 27-15/16" Length x 23-5/8" Width x 24" Height, 200 To 500 Degrees Fahrenheit Temperature Range, One Glass Door, Half Size, Stainless Steel 4 Pan Electric Countertop Convection Oven (Global Solutions GS1110-17).....	1,242.17		10.28
11 44 16 00-0078	EA	1,400 Watts, 120 Volt, 1.19 CF, 150 - 570 Degrees Fahrenheit Temperature Range, One Glass Door, Thermostatic Control, Stainless Steel Half Size Electric Countertop Convection Oven (Vollrath 40703).....	1,129.65		10.28
11 44 16 00-0079	EA	2,400 Watts, 230 Volt, 1.9 CF, 150 - 570 Degrees Fahrenheit Temperature Range, One Glass Door, Dial Control, Stainless Steel Half Size Electric Countertop Convection Oven (Vollrath 40701).....	1,537.55		10.28
11 44 16 00-0080	EA	5,600 Watts, 230 Volt, 4.27 CF, 150 - 570 Degrees Fahrenheit Temperature Range, 1 Glass Door, Dial Control, Stainless Steel Full Size Electric Countertop Convection Oven (Vollrath 40702).....	2,496.28		10.28
11 44 16 00-0081 Electric Convection Type Ovens ^(11 44 16)					
11 44 16 00-0082	EA	11 kW, 240 Volt, Two Glass Doors, 41-1/2" x 38-1/8" x 54-1/8", Single Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC-100).....	4,458.45		41.10
11 44 16 00-0083	EA	22 kW, 240 Volt, 1 Phase, Four Glass Doors, 41-1/2" x 38" x 63-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC200DK).....	8,842.67		82.19
11 44 16 00-0084	EA	22 kW, 240 Volt, 3 Phase, Four Glass Doors, 41-1/2" x 38" x 63-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC200CK).....	8,842.67		82.19
11 44 16 00-0085	EA	22 kW, 240 Volt, 3 Phase, Four Glass Doors, 41-1/2" x 38" x 63-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC200EK).....	8,842.67		82.19
11 44 16 00-0086	EA	22 kW, 208 Volt, 1 Phase, Four Glass Doors, 41-1/2" x 38" x 63-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC200BK).....	8,842.67		82.19
11 44 16 00-0087	EA	24 kW, 208 Volt, 3 Phase, Four Glass Doors, 40" x 40-1/8" x 68-13/16", Double Deck, Stainless Steel Full Size Electric Convection Oven (Vulcan VC55ED-208/3).....	14,612.33		82.19
11 44 16 00-0088	EA	12 kW, 208 Volt, 3 Phase, Two Glass Doors, 40" x 40-1/8" x 54", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Vulcan VC5ED-11D1 208/3).....	7,306.16		41.10
11 44 16 00-0089	EA	12 kW, 240 Volt, 1 Phase, Two Glass Doors, 40" x 40-1/8" x 54", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Vulcan VC5ED-12D1 240/1).....	7,306.16		41.10
11 44 16 00-0090	EA	12.5 kW, 208 Volt, 3 Phase, Two Glass Doors, 41-1/8" x 40-1/4" x 54-3/4", Single Deck, Stainless Steel Full Size Electric Convection Oven (Vulcan VC4ED-11D1 208/3).....	8,019.99		41.10
11 44 16 00-0091	EA	12 kW, 208 Volt, 1 Phase, Two Glass Doors, 40" x 40-1/8" x 54", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Vulcan VC5ED-11D1 208/1).....	7,306.16		41.10
11 44 16 00-0092	EA	12 kW, 240 Volt, 3 Phase, Two Glass Doors, 40" x 40-1/8" x 24", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Vulcan VC5ED-12D1 240/3).....	7,306.16		41.10
11 44 16 00-0093	EA	25 kW, 208 Volt, 3 Phase, Four Glass Doors, 41-1/8" x 40" x 70", Double Deck, Stainless Steel Full Size Electric Convection Oven (Vulcan VC44ED-208/3).....	16,040.00		82.19
11 44 16 00-0094	EA	11 kW, 220/240 Volt, 1 Phase, Two Glass Doors, 36-7/8" x 38-1/4" x 57", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Blodgett SHO-100-E).....	6,820.76		41.10
11 44 16 00-0095	EA	22 kW, 208 Volt, 3 Phase, Four Glass Doors, 36-7/8" x 38-1/4" x 70", Double Deck, Stainless Steel Full Size Electric Convection Oven (Blodgett SHO-100-E).....	13,641.52		82.19
11 44 16 00-0096	EA	24 kW, 208 Volt, 1 Phase, Four Glass Doors, 40" x 40-1/8" x 68 13/16", Double Deck, Stainless Steel Full Size Electric Convection Oven (Vulcan VC55ED-208/1).....	14,612.33		82.19
11 44 16 00-0097	EA	21 kW, 208 Volt, 1 Phase, Four Glass Doors, 46" x 40" x 74-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Bakers Pride BPCV-E2 208/1).....	18,493.39		82.19
11 44 16 00-0098 Natural Gas Convection Type Ovens ^(11 44 16)					
11 44 16 00-0099	EA	54,000 BTU, 150 To 550 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Natural Gas Convection Oven With Legs (Cooking Performance Group FGC100N).....	4,897.97		41.10
11 44 16 00-0100	EA	108,000 BTU, 150 To 550 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven With Legs (Cooking Performance Group FGC200N).....	9,714.26		82.19
11 44 16 00-0101	EA	100,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Stainless Steel Double Deck Full Size Natural Gas Convection Oven With Solid State Controls (Vulcan VC44GD-NAT).....	16,775.60		82.19
11 44 16 00-0102	EA	100,000 BTU, 150 To 550 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven (Vulcan VC55GD).....	16,063.39		82.19
11 44 16 00-0103	EA	100,000 BTU, 500 Degrees Fahrenheit, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven (Blodgett SHO-100-G).....	14,995.08		82.19
11 44 16 00-0104	EA	50,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Natural Gas Convection Oven with Solid State Controls And Legs (Vulcan VC4GD-11D150K).....	8,387.79		41.10
11 44 16 00-0105	EA	120,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Bakery Depth Natural Gas Convection Oven With Draft Diverter (Blodgett ZEPHAIRE-200-G).....	8,469.99		82.19
11 44 16 00-0106	EA	120,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Standard Depth Full Size Natural Gas Convection Oven With Analog Controls (Garland MCO-GS-20S).....	23,455.69		82.19
11 44 16 00-0107	EA	50,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Natural Gas Convection Oven (Blodgett SHO-100-G).....	7,497.53		41.10
11 44 16 00-0108	EA	100,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Bakery Depth Natural Gas Convection Oven With Draft Diverter (Blodgett ZEPHAIRE-200-G-ES).....	20,567.06		82.19
11 44 16 00-0109	EA	120,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Digital Control, Stainless Steel Double Deck Standard Depth Full Size Natural Gas Convection Oven With Digital Controls (Garland MCO-GS-20).....	30,579.87		82.19

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 16 00-0110	EA		120,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven (Garland MCO-GS-20-ESS).....	23,455.69	82.19
11 44 16 00-0111	EA		100,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Standard Depth Natural Gas Convection Oven With Draft Diverter (Blodgett ZEPHAIRE-100-G).....	19,205.49	82.19
11 44 16 00-0112	EA		90,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven (Blodgett BDO-100-G-ES).....	17,089.81	82.19
11 44 16 00-0113	EA		50,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Natural Gas Convection Oven With Legs (Vulcan VC5GDN).....	8,031.69	41.10
11 44 16 00-0114	EA		36" Wide x 58" Height x 41" Depth, Natural Gas Convection Oven (Vulcan 36C-BN)..... <i>For 5" Swivel Plate Casters, Set of 4, Add</i>	8,983.66 609.33	194.13
11 44 16 00-0115			Liquid Propane Convection Type Ovens ^(11 44 16)		
11 44 16 00-0116	EA		108,000 BTU, 45" Length x 38" Width x 68" Height, 150 To 550 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Liquid Propane Convection Oven With Legs (Cooking Performance Group FGC200L).....	9,714.26	82.19
11 44 16 00-0117	EA		100,000 BTU, 41-1/8" Length x 40-1/4" Width x 70" Height, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Liquid Propane Convection Oven With Solid State Controls (Vulcan VC44GD-LP).....	16,775.60	82.19
11 44 16 00-0118	EA		50,000 BTU, 41-1/8" Length x 40-1/4" Width x 54-3/4" Height, 150 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Stainless Steel Single Deck Full Size Liquid Propane Convection Oven With Solid State Controls And Legs (Vulcan VC4GD-21D150K).....	8,387.79	41.10
11 44 16 00-0119	EA		100,000 BTU, 45-1/8" Length x 40-1/4" Width x 70" Height, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Stainless Steel Double Deck Full Size Depth Liquid Propane Convection Oven With Solid State Controls (Vulcan VC66GD-LP).....	31,685.89	82.19
11 44 16 00-0120	EA		100,000 BTU, 36-7/8" Length x 38-1/4" Width x 70" Height, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Liquid Propane Convection Oven (Blodgett SHO-100-G).....	14,995.08	82.19
11 44 16 00-0121	EA		100,000 BTU, 40-1/8" Length x 40-1/8" Width x 68-5/8" Height, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Liquid Propane Convection Oven (Vulcan VC55GD LP).....	16,063.39	82.19
11 44 16 00-0122	EA		50,000 BTU, 40-1/8" Length x 40" Width x 54-3/4" Height, 150 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Liquid Propane Convection Oven With Legs (Vulcan VC5GDL).....	8,031.69	41.10
11 44 16 00-0123	EA		50,000 BTU, 36-7/8" Length x 38-1/4" Width x 63" Height, 200 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Liquid Propane Convection Oven (Blodgett SHO-100-G).....	7,497.53	41.10
11 44 16 00-0124			Countertop Pizza Oven ^(11 44 16)		
11 44 16 00-0125	EA		3,700 To 4,800 Watts, 208/240 Volt, Stainless Steel Countertop Pizza Oven, White (TurboChef FIRE WHITE).....	7,233.40	20.55
11 44 16 00-0126			Rotary Deck Pizza Oven ^(11 44 16)		
11 44 16 00-0127	EA		90,000 BTU, 2 Deck, 38.6" Diameter Rotary Deck Pizza Oven (Sierra Range Volare).....	36,485.42	82.19
11 44 16 00-0128			Triple Conveyor Oven ^(11 44 16)		
11 44 16 00-0129	EA		30 kW, 208 Volt, Three Door, Single Belt, Triple Conveyor, FastBake Stainless Steel Impingement Cook Type Oven Package (Lincoln 1180-3/1180-FB3)..... Note: 39" Length x 56" Width x 62" Height, 250 To 575 Degrees Fahrenheit Temperature Range	62,357.87	164.39
11 44 16 00-0130	EA		30 kW, 240 Volt, Three Door, Single Belt, Triple Conveyor, FastBake Stainless Steel Impingement Cook Type Oven Package (Lincoln 1180-3/1180-FB3)..... Note: 39" Length x 56" Width x 62" Height, 250 To 575 Degrees Fahrenheit Temperature Range	62,357.87	164.39
11 44 16 00-0131	EA		22 kW, 208 Volt, Three Door, Triple Conveyor, Stainless Steel Low Profile FastBake Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3)..... Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range	126,892.38	164.39
11 44 16 00-0132	EA		22 kW, 220 Volt, Three Door, Triple Conveyor, Stainless Steel Low Profile FastBake Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3)..... Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range	115,341.28	164.39
11 44 16 00-0133	EA		22 kW, 240 Volt, Three Door, Triple Conveyor, Stainless Steel Low Profile FastBake Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3)..... Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range	115,341.28	164.39
11 44 16 00-0134	EA		330,000 BTU, Natural Gas, Three Door, Triple Conveyor, Low Profile FastBake Stainless Steel, Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3)..... Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range	126,892.38	164.39
11 44 16 00-0135	EA		330,000 BTU, Liquid Propane, Three Door, Triple Conveyor, Stainless Steel Low Profile FastBake Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3)..... Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range	126,892.38	164.39
11 44 19			Commercial Cooking Equipment ^(11 44)		
11 44 19 00-0001			Drop-In Electric Griddle ^(11 44 19)		
11 44 19 00-0002	EA		24" Wide x 24" Deep, Drop-In Electric Griddle.....	4,101.83	133.47
11 44 19 00-0003	EA		36" Wide x 24" Deep, Drop-In Electric Griddle.....	5,839.31	133.47
11 44 19 00-0004	EA		48" Wide x 24" Deep, Drop-In Electric Griddle.....	6,684.07	145.60
11 44 19 00-0005	EA		60" Wide x 24" Deep, Drop-In Electric Griddle.....	8,000.98	145.60
11 44 19 00-0006	EA		72" Wide x 24" Deep, Drop-In Electric Griddle.....	10,257.79	157.73
11 44 19 00-0007			Countertop Griddle ^(11 44 19)		
11 44 19 00-0008	EA		16", 120 Voltage, 1750 Watt, Electric Countertop Griddle (Avantco EG16N).....	548.31	147.72
11 44 19 00-0009	EA		24", 208/240 Voltage, 2675 To 3560 Watt, Electric Countertop Griddle (Avantco EG24N).....	680.31	147.72
11 44 19 00-0010	EA		30", 208/240 Voltage, 3375 To 4500 Watt, Electric Countertop Griddle (Avantco EG30N).....	757.31	147.72
11 44 19 00-0011	EA		36", 208/240 Voltage, 7488 To 10080 Watt, Electric Countertop Griddle (Avantco EG36N).....	954.22	147.72

11	11 Equipment
	11 40 Foodservice Equipment
	11 44 Food Cooking Equipment



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 19 00-0012	EA		24", 220 Voltage, Thermostatic Electric Griddle (Vollrath 40716)	1,036.17	147.72
11 44 19 00-0013	EA		36", 220 Voltage, Thermostatic Electric Griddle (Vollrath 40717)	1,330.20	147.72
11 44 19 00-0014			Panini Sandwich Grill ^(11 44 19)		
11 44 19 00-0015	EA		3,500 Watts, 120 Volt, Double Commercial Panini Sandwich Grill With Smooth Plates (Avantco P85S)	590.90	82.19
11 44 19 00-0016	EA		1,750 Watts, 120 Volt, Commercial Panini Sandwich Grill With Grooved Plates (Avantco P78)	451.05	82.19
11 44 19 00-0017	EA		1,750 Watts, 120 Volt, Commercial Panini Sandwich Grill With Smooth Plates (Avantco P70S)	451.05	82.19
11 44 19 00-0018	EA		1,750 Watts, 120 Volt, Commercial Panini Sandwich Grill With Grooved Top and Smooth Bottom Plates (Avantco P75SG)	451.05	82.19
11 44 19 00-0019	EA		2,392 Watts, 208 Volt, Panini Perfetto Grooved Top And Bottom Panini Sandwich Grill (Waring WPG150B)	931.93	82.19
11 44 19 00-0020			Electric Countertop Fryer, With Submerger ^(11 44 19)		
11 44 19 00-0021	EA		30 LB Capacity, 208-240 Volt, Two Basket, Countertop Deep Fryer (Avantco F202)	911.21	82.19
11 44 19 00-0022	EA		30 LB Capacity, 208-240 Volt, Four Basket, Commercial Countertop Deep Fryer (Vollrath 40710)	2,006.74	82.19
11 44 19 00-0023	EA		30 LB Capacity, 240 Volt, Two Basket, Countertop Electric Deep Fryer (Garland E24-31F)	7,480.99	82.19
11 44 19 00-0024			Electric Floor Fryer, With Submerger ^(11 44 19)		
11 44 19 00-0025	EA		50 LB Capacity, Single Basket Lift, 208 Volt, Electric Fryer	6,476.40	194.13
11 44 19 00-0026	EA		50 LB Capacity, Single Basket Lift, 480 Volt, Electric Fryer	6,799.07	194.13
11 44 19 00-0027	EA		85 LB Capacity, Single Basket Lift, 208 Volt, Electric Fryer	21,758.72	252.37
11 44 19 00-0028	EA		85 LB Capacity, Single Basket Lift, 480 Volt, Electric Fryer	22,288.23	252.37
11 44 19 00-0029			Natural Gas Floor Fryer, With Submerger ^(11 44 19)		
11 44 19 00-0030	EA		40 LB Capacity, 90,000 BTU, Natural Gas, Two Basket, Stainless Steel Floor Fryer (Avantco FF300)	1,416.92	131.51
11 44 19 00-0031	EA		50 LB Capacity, 120,000 BTU, Natural Gas, Two Basket, Stainless Steel Floor Fryer (Avantco FF400)	1,620.67	164.39
11 44 19 00-0032	EA		70 To 100 LB Capacity, 150,000 BTU, Natural Gas, Two Basket, Stainless Steel Tube Floor Fryer (Avantco FF518)	2,328.90	328.79
11 44 19 00-0033			Steam Jacketed Kettles ^(11 44 19)		
11 44 19 00-0034	EA		12 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Tabletop Kettle (Cleveland KET-12-T)	13,563.60	20.55
11 44 19 00-0035	EA		12 Gallon Capacity, 208 Volt, 12 kW, Tilting, Stainless Steel Electric Steam Jacketed Kettle (Vulcan K12ETT-7)	12,061.51	20.55
11 44 19 00-0036	EA		3 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Tabletop Kettle (Cleveland KET-3-T)	9,588.32	20.55
11 44 19 00-0037	EA		6 Gallon Capacity, 208 Volt, 7.5 kW, Tilting, Stainless Steel Electric Steam Jacketed Kettle (Vulcan K6ETT-7)	9,997.49	20.55
11 44 19 00-0038	EA		60 Gallon Capacity, 208 Volt, 18 kW, 3 Phase, Stationary, Stainless Steel 2/3 Steam Jacketed Electric Kettle (Vulcan K60EL)	35,111.26	20.55
11 44 19 00-0039	EA		150 Gallon Capacity, 240 Volt, 36 kW, 3 Phase, Stationary, Stainless Steel Steam Jacketed Electric Kettle (Vulcan ET150-240/3)	61,863.14	82.19
11 44 19 00-0040	EA		100 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Mixer Kettle (Cleveland MKE100T 208/240/3)	146,313.39	82.19
11 44 19 00-0041	EA		6 Gallon Capacity, 240 Volt, 24 kW, 3 Phase, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Kettle With Modular Generator Base (Cleveland 24EMK624 240/3)	32,161.25	82.19
11 44 19 00-0042	EA		6 Gallon Capacity, 208 Volt, 24 kW, 3 Phase, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Kettle With Modular Generator Base (Cleveland 24EMK624 208/3)	32,161.25	82.19
11 44 19 00-0043	EA		125 Gallon Capacity, 240 Volt, 36 kW, 3 Phase, Stationary, Stainless Steel Steam Jacketed Electric Kettle (Vulcan ET125-240/3)	58,964.42	82.19
11 44 19 00-0044	EA		20 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Kettle (Cleveland KET-20-T)	21,491.99	82.19
11 44 19 00-0045	EA		40 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel Full Steam Jacketed Electric Kettle (Cleveland KEL40TSH 208/240/3)	47,445.91	82.19
11 44 19 00-0046	EA		20 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Mixer Kettle (Cleveland MKET20T 208/240/3)	59,399.04	82.19
11 44 19 00-0047	EA		60 Gallon Capacity, 208/240 Volt, Stationary, Stainless Steel Full Steam Jacketed Electric Kettle (Cleveland KEL60SH 208/240/3)	42,257.67	82.19
11 44 19 00-0048	EA		40 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Kettle (Cleveland KEL-40-T)	38,984.34	82.19
11 44 19 00-0049	EA		40 Gallon Capacity, Tilting, Stainless Steel 2/3 Steam Jacketed Direct Steam Electric Mixer Kettle (Cleveland MKDL40T 208/240/3)	120,379.47	82.19
11 44 19 00-0050	EA		60 Gallon Capacity, Tilting, Stainless Steel 2/3 Steam Jacketed Direct Steam Electric Mixer Kettle (Cleveland MKDL60T 208/240/3)	124,209.28	82.19
11 44 19 00-0051	EA		100 Gallon Capacity, 190,000 BTU, Liquid Propane, Stationary, Stainless Steel 2/3 Steam Jacketed Kettle (Cleveland KGL100 LP)	57,863.13	164.39
11 44 19 00-0052	EA		60 Gallon Capacity, 100,000 BTU, Liquid Propane, Stationary, Stainless Steel 2/3 Steam Jacketed Kettle (Vulcan K60GL-LP)	40,330.77	164.39
11 44 19 00-0053	EA		40 Gallon Capacity, 140,000 BTU, Liquid Propane, Tilting, Stainless Steel Full Steam Jacketed Kettle (Cleveland KGL40TSH LP)	57,573.98	164.39
11 44 19 00-0054	EA		80 Gallon Capacity, 190,000 BTU, Liquid Propane, Stationary, Stainless Steel 2/3 Steam Jacketed Kettle (Cleveland KGL80 LP)	47,830.35	164.39
11 44 19 00-0055	EA		40 Gallon Capacity, 100,000 BTU, Liquid Propane, Tilting, Stainless Steel 2/3 Steam Jacketed Kettle (Vulcan K40GLT-LP)	49,565.22	164.39
11 44 19 00-0056	EA		6 Gallon Capacity, 34,000 BTU, Liquid Propane, Tilting, Stainless Steel 2/3 Steam Jacketed Tabletop Kettle (Cleveland KGT-6-T LP)	20,823.51	164.39
11 44 19 00-0057	EA		60 Gallon Capacity, 100,000 BTU, Liquid Propane, Tilting, Stainless Steel 2/3 Steam Jacketed Kettle (Vulcan K60GLT-LP)	60,103.54	164.39
11 44 19 00-0058	EA		125 Gallon Capacity, 135,000 BTU, Liquid Propane, Stationary, Stainless Steel Steam Jacketed Gas Kettle (Vulcan GT125E-LP)	59,792.58	164.39
11 44 19 00-0059	EA		80 Gallon Capacity, 190,000 BTU, Liquid Propane, Tilting, Stainless Steel 2/3 Steam Jacketed Kettle (Cleveland KGL80T LP)	66,266.51	164.39
11 44 19 00-0060	EA		60 Gallon Capacity, 190,000 BTU, Liquid Propane, Stationary, Stainless Steel Full Steam Jacketed Kettle (Cleveland KGL60SH LP)	44,877.07	164.39

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	11 44 19 00-0061	EA		12 Gallon Capacity, 53,000 BTU, Liquid Propane, Tilting, Stainless Steel 2/3 Steam Jacketed Tabletop Kettle (Cleveland KGT12TGB LP).....	27,342.90	164.39
	11 44 19 00-0062	EA		40 Gallon Capacity, 140,000 BTU, Liquid Propane, Tilting, Stainless Steel 2/3 Steam Jacketed Mixer Kettle (Cleveland MKGL40T LP).....	145,601.26	164.39
	11 44 19 00-0063	EA		80 Gallon Capacity, 135,000 BTU, Liquid Propane, Stationary, Stainless Steel Steam Jacketed Gas Kettle (Cleveland GL80E-LP).....	48,150.41	164.39
	11 44 19 00-0064	EA		60 Gallon Capacity, 100,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Kettle (Vulcan K60GLT-NAT).....	60,103.54	164.39
	11 44 19 00-0065	EA		60 Gallon Capacity, 190,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Horizontal Mixer Kettle (Cleveland HAMKG60T NAT).....	139,741.99	164.39
	11 44 19 00-0066	EA		25 Gallon Capacity, 90,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Kettle (Cleveland KGL-25-T NAT).....	45,884.53	164.39
	11 44 19 00-0067	EA		100 Gallon Capacity, 190,000 BTU, Natural Gas, Stationary, Stainless Steel 2/3 Steam Jacketed Horizontal Mixer Kettle (Cleveland HAMKGL100 NAT).....	139,361.92	164.39
	11 44 19 00-0068	EA		20 Gallon Capacity, 100,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Kettle (Vulcan K20GLT-NAT).....	47,457.55	164.39
	11 44 19 00-0069	EA		100 Gallon Capacity, 190,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Horizontal Mixer Kettle (Cleveland HAMKGL100T NAT).....	164,548.42	164.39
	11 44 19 00-0070	EA		12 Gallon Capacity, 53,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Tabletop Kettle (Cleveland KGT-12-T NAT).....	24,920.64	164.39
	11 44 19 00-0071	EA		80 Gallon Capacity, 190,000 BTU, Natural Gas, Stationary, Stainless Steel 2/3 Steam Jacketed Kettle (Cleveland KGL80 NAT).....	47,830.35	164.39
	11 44 19 00-0072	EA		60 Gallon Capacity, 135,000 BTU, Natural Gas, Stationary, Stainless Steel Steam Jacketed Gas Kettle (Cleveland GS60E-NAT).....	47,566.67	164.39
	11 44 19 00-0073	EA		40 Gallon Capacity, 140,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Mixer Kettle (Cleveland MKGL40T NAT).....	140,145.70	164.39
	11 44 19 00-0074	EA		6 Gallon Capacity, 34,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Tabletop Kettle (Cleveland KGT-6-T NAT).....	20,823.51	164.39
	11 44 19 00-0075	EA		100 Gallon Capacity, 190,000 BTU, Natural Gas, Stationary, Stainless Steel 2/3 Steam Jacketed Kettle (Cleveland KGL100 NAT).....	57,863.13	164.39
	11 44 19 00-0076	EA		40 Gallon Capacity, Tilting, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Cleveland KDL-40-T).....	19,954.26	164.39
	11 44 19 00-0077	EA		60 Gallon Capacity, Tilting, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Vulcan K60DLT).....	27,055.58	164.39
	11 44 19 00-0078	EA		125 Gallon Capacity, Stationary, Stainless Steel Fully Jacketed Direct Steam Kettle (Vulcan ST125).....	47,361.17	164.39
	11 44 19 00-0079	EA		200 Gallon Capacity, Stationary, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Cleveland KDL200).....	63,204.12	164.39
	11 44 19 00-0080	EA		12 Gallon Capacity, Tilting, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle With Modular Stand (Cleveland SD760K12).....	24,636.95	164.39
	11 44 19 00-0081	EA		12 Gallon Capacity, 26" Table, Tilting, Stainless Steel Direct Steam Kettle (Cleveland VEKT26/6).....	17,110.09	164.39
	11 44 19 00-0082	EA		40 Gallon Capacity, Stationary Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Vulcan K40DL).....	18,188.47	164.39
	11 44 19 00-0083	EA		60 Gallon Capacity, Stationary, Stainless Steel Full Steam Jacketed Direct Steam Kettle (Cleveland KDL60SH).....	28,368.55	164.39
	11 44 19 00-0084	EA		60 Gallon Capacity, Stationary, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Vulcan K60DL).....	21,198.13	164.39
	11 44 19 00-0085	EA		40 Gallon Capacity, Stationary, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Cleveland KDL40).....	17,171.92	164.39
	11 44 19 00-0086	EA		80 Gallon Capacity, Stationary, Stainless Steel Full Steam Jacketed Direct Steam Kettle (Cleveland KDL80F).....	42,825.78	164.39
	11 44 19 00-0087	EA		80 oz., Tilting, Stainless Steel 2/3 Steam Jacketed Direct Steam Tabletop Oyster Kettle (Cleveland KDT-1-T).....	9,252.27	164.39
	11 44 19 00-0088	EA		40 Gallon Capacity, Stationary, Stainless Steel Full Steam Jacketed Direct Steam Kettle (Cleveland KDL40F).....	30,148.88	164.39
	11 44 19 00-0089	EA		12 Gallon Capacity, Tilting, Stainless Steel 2/3 Steam Jacketed Tabletop Direct Steam Kettle (Cleveland KDT-12-T).....	12,967.50	164.39
	11 44 19 00-0090	EA		100 Gallon Capacity, Stationary, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Cleveland KDL100).....	32,571.15	164.39
	11 44 19 00-0091	EA		60 Gallon Capacity, Stationary, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Cleveland KDL60).....	20,379.79	164.39
	11 44 19 00-0092			Kettles, Steam Jacketed (11 44 19)		
	11 44 19 00-0093	EA		5 Gallon Kettle, With Stand.....	4,945.36	86.59
	11 44 19 00-0094	EA		20 Gallon Kettle With Steam Jacket.....	20,463.51	115.45
	11 44 19 00-0095	EA		40 Gallon Kettle With Steam Jacket.....	21,147.72	127.00
	11 44 19 00-0096	EA		60 Gallon Kettle With Steam Jacket.....	25,616.28	138.54
	11 44 19 00-0097			Steamers, Electric (11 44 19)		
	11 44 19 00-0098			Cooking Equipment/ Steamers (11 44 19 00-0097)		
	11 44 19 00-0099	EA		3 Pan, Electric Countertop Convection Steamer.....	8,899.34	203.84
	11 44 19 00-0100	EA		5 Pan, Electric Countertop Convection Steamer.....	11,729.08	213.53
	11 44 19 00-0101	EA		3 Pan, Electric Countertop Boilerless/Connectionless Steamer.....	8,231.90	203.84
	11 44 19 00-0102	EA		5 Pan, Electric Countertop Boilerless/Connectionless Steamer.....	12,017.27	213.53
	11 44 19 00-0103			Braising Pans (11 44 19)		
	11 44 19 00-0104	EA		24" x 24", 240 Volt, Tilting Braising Pan.....	10,566.96	201.24
	11 44 19 00-0105	EA		24" x 31", 240 Volt, Tilting Braising Pan.....	11,151.20	211.63
	11 44 19 00-0106	EA		24" x 41", 240 Volt, Tilting Braising Pan.....	11,876.87	225.37
	11 44 19 00-0107	EA		24" x 24", 62,000 BTU/Hour, Tilting Braising Pan.....	13,775.30	262.43
	11 44 19 00-0108	EA		24" x 31", 90,000 BTU/Hour, Tilting Braising Pan.....	14,244.74	270.51
	11 44 19 00-0109	EA		24" x 41", 120,000 BTU/Hour, Tilting Braising Pan.....	14,799.41	277.67
	11 44 19 00-0110			Toasters (11 44 19)		
	11 44 19 00-0111	EA		Bun Toaster 3.2 KW.....	2,097.08	45.36
	11 44 19 00-0112	EA		Bun Toaster 4.3 KW.....	2,288.70	49.44
	11 44 19 00-0113	EA		Pop-Up Toaster, 2 Slot.....	579.59	105.12
	11 44 19 00-0114	EA		Conveyor Toaster.....	998.97	157.73
	11 44 19 00-0115			Microwave Ovens (11 44 19)		
	11 44 19 00-0116	EA		120 Volt, 1,000 Watt, 20" Length x 18" Width x 12" Height, Office Series Microwave With Dial Controls (Galaxy MW1000PD).....	212.93	10.28

11 Equipment
11 40 Foodservice Equipment
11 44 Food Cooking Equipment

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

11 44 19 00-0117	EA	120 Volt, 1,000 Watt, 20" Length x 18" Width x 12" Height, Office Series Microwave With Push Button Controls (Galaxy MW1000PB).....	234.31	10.28
11 44 19 00-0118	EA	120 Volt, 1,000 Watt, 20" Length x 18" Width x 12" Height, Stainless Steel Commercial Microwave With Push Button Controls (Solwave MW1000SS).....	305.57	10.28
11 44 19 00-0119	EA	120 Volt, 1,000 Watt, 2 CF, 22" Length x 18" Width x 13-1/2" Height, Stackable Commercial Microwave With Dial Controls (Solwave MW112D).....	391.08	10.28
11 44 19 00-0120	EA	120 Volt, 1,000 Watt, 2 CF, 22" Length x 18" Width x 13 1/2" Height, Stackable Commercial Microwave With Dial Controls (Solwave MW112T).....	490.84	10.28
11 44 19 00-0121	EA	120 Volt, 1,000 Watt, 16-1/2" Length x 20" Width x 12-1/4" Height, Stainless Steel Commercial Microwave With Dial Controls (Solwave RMS10DS).....	305.57	10.28
11 44 19 00-0122	EA	120 Volt, 1,000 Watt, 16-1/2" Length x 20" Width x 12-1/4" Height, Stainless Steel Commercial Microwaves With Push Button Controls (Amana RMS10TS).....	357.59	10.28
11 44 19 00-0123	EA	120 Volt, 1,000 Watt, 19" Length x 22" Width x 13-3/4" Height, Medium Volume, Stainless Steel Commercial Microwave (Amana RCS10DSE).....	636.22	10.28
11 44 19 00-0124	EA	120 Volt, 1,000 Watt, 19" Length x 22" Width x 13-7/8" Height, Stackable, Commercial Microwave With Push Button Controls (Amana RCS10TS).....	777.31	10.28
11 44 19 00-0125	EA	120 Volt, 1,000 Watt, 21-5/8" Length x 16-1/2" Width x 13-1/2" Height, Stainless Steel, Heavy Duty Commercial Microwave With Push Button Controls (Amana HDC12A2).....	1,636.68	10.28
11 44 19 00-0126	EA	120 Volt, 1,000 Watt, 18-1/8" Length x 20-1/2" Width x 12-1/4" Height, Stainless Steel, Commercial Microwave With Manual Controls (Vollrath 40830).....	447.81	10.28
11 44 19 00-0127	EA	120 Volt, 1,000 Watt, 18-1/8" Length x 20-1/2" Width x 12-1/4" Height, Stainless Steel, Commercial Microwave With Digital Controls (Vollrath 40819).....	612.06	10.28
11 44 19 00-0128	EA	120 Volt, 1,000 Watt, 17" Length x 20" Width x 12-1/4" Height, Stainless Steel, Commercial Microwave With Push Button Controls (Waring WMO90).....	469.48	10.28
11 44 19 00-0129	EA	120 Volt, 1,000 Watt, 16-9/16" Length x 20-1/8" Width x 13" Height, Stainless Steel, Commercial Microwave With Push Button Controls (Panasonic NE-1054F).....	412.47	10.28
11 44 19 00-0130	EA	120 Volt, 1,000 Watt, 16-3/8" Length x 20-1/8" Width x 12" Height, Stainless Steel Microwave With Programmable Memory Pads (Panasonic NE-1064F).....	802.96	10.28
11 44 19 00-0131	EA	120 Volt, 1,000 Watt, 16-9/16" Length x 20-1/8" Width x 13" Height, Stainless Steel Commercial Microwave With Dial Timer (Panasonic NE-1025).....	369.71	10.28
11 44 19 00-0132	EA	120 Volt, 1,200 Watt, 20-5/8" Length x 22-5/8" Width x 14-1/2" Height, Stainless Steel Commercial Microwave With Programmable Menu And Auto Cool Down (Solwave MW1200T).....	774.46	10.28
11 44 19 00-0133	EA	120 Volt, 1,200 Watt, 22-1/4" Length x 16-1/2" Width x 13-1/2" Height, 100 Programmable Menu Items, See-through Door, USB Port, Commercial Heavy Duty Stainless Steel Microwave (Solwave MWHD12).....	859.97	10.28
11 44 19 00-0134	EA	120 Volt, 1,200 Watt, 20" Length x 16-5/8" Width x 13-3/16" Height, 15 Integrated Power Levels, See-through Door, Stainless Steel, Commercial, Medium Duty, Microwave With 90 Programmable Menu Pads (Panasonic NE-12523).....	1,445.71	10.28
11 44 19 00-0135	EA	120 Volt, 1,200 Watt, 20" Length x 16-5/8" Width x 13-3/16" Height, Programmable, 15 Power Levels, Stainless Steel, Commercial, Medium Duty, Microwave With Push Button Controls (Panasonic NE-12521).....	1,341.67	10.28
11 44 19 00-0136	EA	120 Volt, 2,000 Watt, 21" Length x 21-3/4" Width x 14-3/8" Height, 4 Cooking Stages, 5 Power Levels, Stainless Steel, Commercial, Medium Duty, Microwave With Push Button Controls (Amana RFS12TS).....	1,579.67	10.28
11 44 19 00-0137	EA	208/230-240 Volt, 1,700 Watt, 20" Length x 16-5/8" Width x 13-3/16" Height, 3-Stage Cooking, See-through Door, Stainless Steel, Commercial Microwave With LCD Display (Panasonic NE-17521).....	1,479.91	10.28
11 44 19 00-0138	EA	208/230-240 Volt, 1,700 Watt, 20" Length x 16-5/8" Width x 13" Height, LCD Display With Digital Countdown, Stainless Steel, Commercial Microwave With 90 Programmable Memory Pads (Panasonic NE-17523).....	1,662.33	10.28
11 44 19 00-0139	EA	208/230-240 Volt, 2,100 Watt, 20-3/4" Length x 25-9/16" Width x 18-9/16" Height, Sonic Steamer, Stainless Steel, Commercial Microwave With 8 Programmable Memory Pads (Panasonic NE-2180).....	4,490.56	10.28
11 44 19 00-0140	EA	208/230-240 Volt, 3,200 Watt, 20-3/4" Length x 25-9/16" Width x 18-5/8" Height, Sonic Steamer, See-through Door, Stainless Steel, Commercial Microwave With 3-stage Cook (Panasonic NE-3280).....	5,952.78	10.28
11 44 19 00-0141	EA	208/230 Volt, 1,800 Watt, 20-1/4" Length x 21-3/4" Width x 14-1/4" Height, Stainless Steel, Commercial, Medium Duty Microwave With Push Button Controls (Amana RFS18TS).....	1,854.73	10.28
11 44 19 00-0142	EA	208/230 Volt, 2,200 Watt, 23-1/2" Length x 25-5/8" Width x 18-5/8" Height, Stainless Steel, Heavy Duty, 2 Pan Programmable Microwave (Amana AMSO22).....	5,792.45	10.28
11 44 19 00-0143	EA	208/230 Volt, 2,400 Watt, 19-3/16" Length x 13-5/8" Width x 17-5/8" Height, 11 Power Levels, Stainless Steel, Commercial, Heavy Duty Microwave With Push Button Controls (Amana AOC24).....	3,573.47	10.28
11 44 19 00-0144	EA	208/240 Volt, 22-1/4" Length x 16-1/2" Width x 13-1/2" Height, Space Saver, USB Port, Stainless Steel, Commercial, Heavy Duty Microwave (Solwave MWHD18).....	959.73	10.28
11 44 19 00-0145	EA	208/240 Volt, 2,100 Watt, 1.2 CF, 20-5/8" Length x 22-5/8" Width x 14-1/2" Height, Large, Stainless Steel, Stackable, Commercial Microwave With Push Button Controls (Solwave MW2100T).....	1,016.74	10.28
11 44 19 00-0146	EA	208/240 Volt, 2,100 Watt, 22-1/4" Length x 16-1/2" Width x 13-1/2" Height, 15 Power Levels, USB Port, Space Saver, Stainless Steel, Heavy Duty, Commercial Microwave With Push Button Controls (Solwave MWHD21).....	1,087.99	10.28
11 44 19 00-0147	EA	208/240 Volt, 1,700 Watt, 25-1/2" Length x 19-1/4" Width x 18-1/8" Height, See-through Door, Stainless Steel, Commercial, Heavy Duty Microwave With Push Button Controls (Amana RC17S2).....	2,624.32	10.28
11 44 19 00-0148	EA	208/240 Volt, 1,800 Watt, 1.2 CF, 20-5/8" Length x 22-5/8" Width x 14-1/2" Height, Large, Stainless Steel, Commercial Microwave With Push Button Controls (Solwave MW1800T).....	874.22	10.28
11 44 19 00-0149	EA	208/240 Volt, 1,800 Watt, 21-5/8" Length x 15-1/2" Width x 13-1/2" Height, Stainless Steel, Commercial, Heavy Duty Microwave With Push Button Controls (Amana HDC182).....	1,918.86	10.28
11 44 19 00-0150	EA	208/240 Volt, 1,800 Watt, 31-5/8" Length x 16-1/2" Width x 13-1/3" Height, Stainless Steel Commercial, Heavy Duty Microwave With Push Button Controls, Canadian Use Only (Amana HDC1815).....	1,931.69	10.28
11 44 19 00-0151	EA	208/240 Volt, 1,800 Watt, 20-3/4" Length x 22-3/5" Width x 14-1/2" Height, Stainless Steel, Commercial, Medium Duty Microwave With Push Button Controls (Waring WMO120).....	1,802.00	10.28
11 44 19 00-0152	EA	208/240 Volt, 2,100 Watt, 21-5/8" Length x 15-1/2" Width x 13-1/2" Height, 100 Programmable Menu Items, 11 Integrated Power Levels, Stainless Steel, Commercial, Heavy Duty Microwave (Amana HDC212).....	2,008.65	10.28
11 44 19 00-0153	EA	208/240 Volt, 2,100 Watt, 20" Length x 16-5/8" Width x 13-3/16" Height, 5 Cooking Stages, Half-size Pans, Stainless Steel, Commercial, Heavy Duty Microwave With Push Button Controls (Panasonic NE-21521).....	1,816.25	10.28
11 44 19 00-0154	EA	208/240 Volt, 2,200 Watt, 25-1/2" Length x 19-1/4" Width x 18-1/8" Height, Stainless Steel, Commercial, Heavy Duty Microwave With Push Button Controls (Amana RC22S2).....	3,278.47	10.28
11 44 19 00-0155	EA	208/240 Volt, 2,200 Watt, 25-1/2" Length x 19-1/4" Width x 18-1/8" Height, Stainless Steel, Commercial, Heavy Duty Microwave With Push Button Controls (Amana RC30S2).....	4,304.58	10.28
11 44 19 00-0156		Ceramic Broiler On Storage Base With Doors <small>(11 44 19)</small>		
11 44 19 00-0157	EA	Standard Finish Ceramic Boiler On Storage Base With Doors.....	8,706.75	164.99
11 44 19 00-0158	EA	Stainless Steel Front Ceramic Boiler On Storage Base With Doors.....	8,706.75	164.99
11 44 19 00-0159	EA	Stainless Steel Front And Sides Ceramic Boiler On Storage Base With Doors.....	10,821.27	205.98
11 44 19 00-0160		Gas Countertop Hot Plate <small>(11 44 19)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 19 00-0161	EA		2 Burners Gas Countertop Hot Plate	1,110.01	21.01
11 44 19 00-0162			Food Service Additions ^(11 44 19)		
11 44 19 00-0163	EA		30" Diameter, Natural Gas, Cooktop With Electric Controls (Affinity 30Ge)	7,531.66	20.78
11 44 19 00-0164	EA		Heavy Duty Stainless Steel Heated Under Counter Cabinet With Adjustable Thermostat, Digital Indicator, Chrome Plated Reals And Wire Shelves (Alto Shaam 500-S)	4,928.40	162.10
11 44 19 00-0165	EA		Oven-Combination Heated Holding Cabinet (Alto Shaam CTP20-10)	48,838.46	
11 44 19 00-0166	EA		1000 Watt, 1.2 CF, 14" Platter Capacity, Programmable, Commercial Grade, Stainless Steel, Microwave-oven (Amana RCS10TS).....	985.12	10.68
11 44 19 00-0167	EA		1000 Watts, Programmable Power Level, Commercial Grade, Stainless Steel, Microwave-oven (Amana RMS10TS).....	572.27	10.68
11 44 19 00-0168	EA		48" W x 24-1/2" D x 8" H, Single Deck, Gas Fired, Stainless Steel, Caster Mounted, Pizza Oven (Bakers Pride 3151)	17,141.31	145.60
11 44 19 00-0169	EA		120v, 14.9 Amp, 20' W, 6 Gallon Capacity Water Bath, Sparkling And Still Water Dispenser (Blupura/Crystallize BLUBAR COUNTERTOP 80)	8,086.20	280.51
11 44 19 00-0170	EA		1/3 HP, 120v, 60hz, 15 Amp, Top Opening, Self Contained Refrigerated System (Blupura/Crystallize FONTEMAGNA BRIDGE)	5,500.24	280.51
11 44 19 00-0171	EA		Broiler Less, Programmable, Stainless Steel, Convotherm Electric Oven-streamer (Cleveland OES-10.20)	19,164.28	203.84
11 44 19 00-0172	EA		115 VAC, 60 Hz, Forced Air Gas Combustion With Auto Ignition, Stainless Steel Skillet With Spring Assist Cover (Cleveland SGL-30-T1/Sgl-40-T1)	35,000.95	225.14
11 44 19 00-0173	EA		50 PSI, Water-resistant, Stationary Trileg Tilting Steam Jacketed Kettle (Cleveland / Groen KDL)	30,041.28	115.45
11 44 19 00-0174	EA		Top Mounted, Insulated Heated Cabinet With Magnetic Latch Door (Crescor H-137-PWSUA-12C - 12c is discontinued hw-137-pwsua-12d is new model).....	18,166.88	51.78
11 44 19 00-0175	EA		6 Gallon, 1/5 HP, Bottom Mounted, Ice-Cream Dipping Cabinet (Delfield N255)	4,839.50	262.08
11 44 19 00-0176	EA		3/4" Diameter, 36" Length, Moveable Gas Connector Kit (Dormont 1675KIT)	273.57	21.38
11 44 19 00-0177	EA		1/4 HP, Stainless Steel, Mechanically Cooled Cold Food Unit (Duke AeroServ 316-25SS-N7)	9,560.43	290.30
11 44 19 00-0178	EA		20', 3/8" Thick, Stainless Steel, Heavy Duty Mounting, Tempered Glass (English Mfg. M-107)	13,072.30	10.68
11 44 19 00-0179	EA		1350lb, Stainless Steel, Elevated Ice Storage And Transport System (Follet Corporation ITS1350SG-60)	18,677.71	143.84
11 44 19 00-0180	EA		Gas Fired Pasta Cooker (Frymaster GPCRB-SC)	23,448.50	139.70
11 44 19 00-0181	EA		Stainless Steel, Antimicrobial, Vegetable Cutter (Globe A420VH).....	1,032.49	4.93
11 44 19 00-0182	EA		5 kw Tank Heater, 1 HP Self-draining Pump, Electronic Automatic Control, Stainless Steel, Dishwasher (Hobart AM-15T)	24,775.87	203.13
11 44 19 00-0183	EA		Stainless Steel, Electric Dryer Interlocked With Washer To Start (Hobart Cle (BDELRAx-STDDOM)).....	21,714.08	174.11
11 44 19 00-0184	EA		1/2 HP, Medium Duty, Built-in Sharpener With 12" Blade (Hobart Edge 7510)	3,393.79	139.77
11 44 19 00-0185	EA		20 Quart, Countertop Mounted, Stainless Steel Bowl (Hobart HL200)	10,438.98	242.66
11 44 19 00-0186	EA		Electronic Control, Stainless Steel Dishwasher (Hobart LXi/LXiH new model is Lxeh).....	16,723.29	203.13
11 44 19 00-0187	EA		27" x 32" x 26-3/4" H, Stainless Steel, Single Shelf Mixer Table (Hobart TABLE-HL2012)	3,308.90	53.11
11 44 19 00-0188	EA		Remote Air Cooled, Stainless Steel, Ice Maker (Hoshizaki America KM-2100)	15,806.14	218.39
11 44 19 00-0189	EA		Antimicrobial, Individual Crescent Cube, Stainless Steel, Ice Maker (Hoshizaki America KM-2100/2500S_H3)	17,354.34	218.39
11 44 19 00-0190	EA		2,400 BTU, 1/3 HP, Air Cooled, Stainless Steel, Leg Mounted, Under Counter Ice Maker (Hoshizaki America F-330BAJ-c).....	6,956.36	194.13
11 44 19 00-0191	EA		24" Wide, Energy Efficient, Stainless Steel, Built-in Dishwasher (Kenmore 14743)	1,382.30	82.19
11 44 19 00-0192	EA		3.7 CF, 27"W x 29-1/4"D x 39"H, Energy Efficient, Full Size, White Front-loading Washing Machine (Kenmore 41272)	1,999.85	82.19
11 44 19 00-0193	EA		30" Wide, Slide In, Electric Coil, Black Top, Stainless Steel, Electric Range (Kenmore 46762)	2,322.46	82.19
11 44 19 00-0194	EA		15.0 CF, Top Freezer Compartment With Self Defrosting, Reversible Door, White Refrigerator (Kenmore 60302)	924.78	41.10
11 44 19 00-0195	EA		30" Stainless Steel, Vent Less Range Hood (Kenmore 22-51840)	384.14	61.65
11 44 19 00-0196	EA		22.89 CF, 33" W x 66 1/2" H x 34 3/4" D, Tall Through-the-door Dispenser With Light And Ultra Ice® Stainless Steel Water Filtration System With Indicator Light (Kenmore 46-51313)	1,592.55	41.10
11 44 19 00-0197	EA		Gas Fired, Adjustable Conveyor Speed, Single Level, Dual Air Return, Stainless Steel, Conveyor Oven (Middleby Marshall PS636G-1)	30,339.44	145.60
11 44 19 00-0198	EA		Stainless Steel, Gas Fired, Standing Pilot, Conventional Oven (Montague 124-5)	10,599.64	82.19
11 44 19 00-0199	EA		3/4" Thick, 36" Flat-top, 100,000 BTU, Manual Control, Heavy Duty Range (Montague 136-8)	15,419.88	133.47
11 44 19 00-0200	EA		3/4" Thick Flat Top, 80,000 BTU, Thermostatic Control, Heavy Duty Range (Montague C36-8T)	15,490.84	133.47
11 44 19 00-0201	EA		36", 114,000 BTU, Low Profile, Heavy-duty Counter Top With Six Burners (Montague Gas Range V136LB/UFLC-36R)	36,053.33	97.06
11 44 19 00-0202	EA		24", 140,000 BTU, Gas Fired, Standing Pilot, Stainless Steel, Convection Oven With Four 12" Burners (Montague Legend 124-5)	10,723.89	144.32
11 44 19 00-0203	EA		36", 110,000 BTU, Gas Fired, Open Top, Standing Pilot, Stainless Steel, Convection Oven With Two Round French Style Hot Tops (Montague Legend 136-9A)	13,156.97	165.00
11 44 19 00-0204	EA		225,000 BTU, Gas fired, Open Top, Standing Pilot, Stainless Steel, Convection Oven With Six Burners (Montague Legend V136-5)	13,156.97	165.00
11 44 19 00-0205	EA		36", 165,000 BTU, Gas Fired, Open Top, Standing Pilot, Stainless Steel, Convection Oven With Four Burners (Montague Legend V136-5A)	13,156.97	165.00
11 44 19 00-0206	EA		63,000 BTU, Gas Fired, Double Deck, Stainless Steel, Convection Oven (Montague Vectaire HX2-63A)	29,984.83	194.13
11 44 19 00-0207	EA		Ultra Continuous Feed Combination Food Processor. (Robot Coupe R 2 N)	2,142.19	241.43
11 44 19 00-0208	EA		Low Noise, Aluminum Alloy, Water Cooled Motor (Salvajor 750)	4,858.70	61.65
11 44 19 00-0209	EA		Low Flow, Backflow Prevention, Stainless Steel, Trough Collector (Salvajor S419)	13,185.96	230.75
11 44 19 00-0210	EA		92 GPH, Electronic Automatic Control, Stainless Steel, Dishwasher (Stero SDRA-PKG)	28,740.07	174.11
11 44 19 00-0211	EA		3-phase, Microprocessor Controlled, Air-cooled, Stainless Steel, Freezer (Taylor C723)	16,962.21	41.10
11 44 19 00-0212	EA		52-1/8"L x 35"D x 83-1/4"H, 1/3 HP, Microprocessor Controlled, Reach-in, Caster Mounted, Refrigerator (Traulsen G2000)	8,045.72	203.84
11 44 19 00-0213	EA		120 VAC, Wet Operation Only, Single Well, Round, Deep Drawn Stainless Steel, Cook'N Hold Built-in Food Warmer With Drain (Wells HW106D)	1,456.68	203.84
11 44 19 00-0214	EA		120 VAC, 3, 4, And 5 Well, Wet Or Dry Operation, Rectangular, Deep Drawn Stainless Steel, Built-in Modular Food Warmer (Wells MOD300DM).....	3,601.63	203.84
11 44 19 00-0215	EA		120 VAC, 3, 4, And 5 Well, Wet Or Dry Operation, Rectangular, Deep Drawn Stainless Steel, Built-in Modular Food Warmer (Wells MOD400DM).....	5,062.57	203.84
11 44 19 00-0216	EA		120 VAC, 3, 4, And 5 Well, Wet Or Dry Operation, Rectangular, Deep Drawn Stainless Steel, Built-in Modular Food Warmer (Wells MOD500DM).....	6,146.30	203.84
11 44 19 00-0217	EA		Adjustable Radiant Flame, Thermostatically Controlled, Hearth Pizza Oven (Woodstone WS-FD-6045-RFG-L-IR-NG).....	46,495.95	97.06
11 44 19 00-0218			Other Kettles ^(11 44 19)		
11 44 19 00-0219	EA		20 QT Trunion Kettle With Stand (Groen TDC/320)	5,169.58	115.45

11 Equipment
11 40 Foodservice Equipment
11 44 Food Cooking Equipment

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

11 44 19 00-0220	EA	40 QT Trunion Kettle With Stand (Groen TDA/140).....	8,138.83	115.45
11 44 19 00-0221		Charbroilers ^(11 44 19)		
11 44 19 00-0222	EA	80,000 BTU, 26-13/16" Length x 24" Width x 16-5/16" Height, Gas Countertop Lava Briquette Charbroiler (Cooking Performance Group CBL24).....	1,025.66	82.19
11 44 19 00-0223	EA	40,000 BTU, 26-13/16" Length x 15" Width x 16-5/16" Height, Gas Countertop Radiant Charbroiler (Cooking Performance Group CBR15).....	821.60	109.57
11 44 19 00-0224	EA	70,000 BTU, 27-1/2" Length x 24" Width x 15" Height, Gas Countertop Radiant Charbroiler (Avantco AG24RC).....	566.99	82.19
11 44 19 00-0225	EA	80,000 BTU, 26-13/16" Length x 24" Width x 16-5/16" Height, Gas Countertop Radiant Charbroiler (Cooking Performance Group CBR24).....	1,065.45	93.95
11 44 19 00-0226	EA	80,000 BTU, 26-13/16" Length x 24" Width x 41-5/16" Height, Radiant Charbroiler With Storage Base (Cooking Performance Group 24CBRSBNL).....	1,798.10	93.95
11 44 19 00-0227	EA	105,000 BTU, 27-1/2" Length x 36" Width x 15" Height, Gas Countertop Radiant Charbroiler (Avantco AG36RC).....	1,080.49	109.57
11 44 19 00-0228	EA	120,000 BTU, 26-13/16" Length x 36" Width x 16-5/16" Height, Gas Countertop Radiant Charbroiler (Cooking Performance Group CBR36).....	1,406.11	109.57
11 44 19 00-0229	EA	120,000 BTU, 32-1/8" Length x 36-3/8" Width x 40-13/16" Height, Gas Radiant Charbroiler With 2 Drawer Refrigerated Chef Base (Cooking Performance Group 36CBRRBNL).....	3,419.94	131.51
11 44 19 00-0230	EA	120,000 BTU, 36-3/8" Length x 32-1/8" Width x 24-1/2" Height, Gas Lava Briquette Charbroiler With 2 Drawer Refrigerated Chef Base (Cooking Performance Group 36CBLRBNL).....	3,436.22	131.51
11 44 19 00-0231	EA	120,000 BTU, 26-13/16" Length x 36" Width x 41-5/16" Height, Gas Radiant Charbroiler With Cabinet Base (Cooking Performance Group 36CBRSBNL).....	2,122.48	109.57
11 44 19 00-0232	EA	140,000 BTU, 32-1/8" Length x 51-7/8" Width x 24-1/2" Height, Heavy-Duty Gas Griddle And Gas Lava Briquette Charbroiler With 2 Drawer Refrigerated Chef Base (Cooking Performance Group 24GTCLBNL).....	4,917.80	131.51
11 44 19 00-0233	EA	140,000 BTU, 32-1/8" Length x 51-7/8" Width x 24-1/2" Height, Heavy-Duty Gas Griddle And Gas Radiant Charbroiler With 2 Drawer Refrigerated Chef Base (Cooking Performance Group 24GTCRBNL).....	4,901.52	131.51
11 44 19 00-0234	EA	140,000 BTU, 32-1/8" Length x 51-7/8" Width x 24 1/2" Height, Gas Griddle And Gas Radiant Charbroiler With 2 Drawer Refrigerated Chef Base (Cooking Performance Group 24GMCRBNL).....	4,608.46	131.51
11 44 19 00-0235	EA	160,000 BTU, 26-13/16" Length x 48" Width x 16-5/16" Height, Gas Countertop Radiant Charbroiler (Cooking Performance Group CBR48).....	1,890.15	164.39
11 44 19 00-0236	EA	160,000 BTU, 32-1/8" Length x 51-7/8" Width x 24-1/2" Height, Gas Radiant Charbroiler With 2 Drawer Refrigerated Chef Base (Cooking Performance Group 48CBRRBNL).....	3,909.00	164.39
11 44 19 00-0237	EA	200,000 BTU, 30-1/2" Length x 60" Width x 16-3/4" Height, Gas Radiant Charbroiler (Cooking Performance Group CBR60-NG(CPG)).....	2,362.30	164.39
11 44 19 00-0238	EA	200,000 BTU, 30-1/2" Length x 60" Width x 16-3/4" Height, Gas Radiant Charbroiler With 4 Drawer Refrigerated Chef Base (Cooking Performance Group 60CBRRBNL).....	4,885.87	164.39

11 46 Food Dispensing Equipment ^(11 46)

11 46 13 Bar Equipment ^(11 46)

11 46 13 00-0001 Soft Serve Machines ^(11 46 13)

11 46 13 00-0002	EA	Soft Serve Machines, Medium.....	12,768.97	114.73
11 46 13 00-0003	EA	Soft Serve Machines, Large.....	21,545.12	140.16

11 46 13 00-0004 Salad Bars ^(11 46 13)

11 46 13 00-0005	EA	96" Refrigerated Salad Bar With Light 54" Height.....	18,736.66	447.39
11 46 13 00-0006	EA	96" Refrigerated Salad Bar Without Light 54" Height.....	17,152.82	447.39
11 46 13 00-0007	EA	96" Iced Salad Bar Without Light 54" Height.....	12,122.63	245.80
11 46 13 00-0008	EA	79" Iced Salad Bar Without Light 54" Height.....	9,580.75	201.93
11 46 13 00-0009	EA	79" Refrigerated Salad Bar Without Light 54" Height.....	14,564.62	296.26
11 46 13 00-0010	EA	114" Iced Salad Bar 34" Height.....	16,099.58	262.43
11 46 13 00-0011	EA	Salad Bar Tray Fixed.....	1,608.28	44.45
11 46 13 00-0012	EA	Salad Bar Tray Hinged.....	1,711.38	44.45

11 46 16 Service Line Equipment ^(11 46)

11 46 16 00-0001 Food Warmer Holding Station ^(11 46 16)

11 46 16 00-0002	EA	Food Warmer Station And Heat Lamp.....	774.84	16.75
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11 46 16 00-0003 Reach-In Food Warmers ^(11 46 16)

11 46 16 00-0004	EA	One Drawer, 16 Roll Capacity Food Warmer.....	1,667.39	36.05
11 46 16 00-0005	EA	Three Drawer, 36 Roll Capacity Food Warmer.....	3,815.71	82.58

11 46 16 00-0006 Countertop Food Warmer ^(11 46 16)

11 46 16 00-0007	EA	12" x 20", 1500 Watt, 120 Voltage, Full Size Electric Countertop Food Cooker / Warmer (Avantco W50CKR).....	190.97	28.97
11 46 16 00-0008	EA	12" x 20", 1200 Watt, 120 Voltage, Full Size Electric Countertop Food Warmer (Avantco W50).....	166.62	28.97
11 46 16 00-0009	EA	12" x 20", 1200 Watt, 120 Voltage, Full Size Electric Countertop Food Warmer / Topping Station With 1 Condiment Pump And (1) 7 Quart Inset With Lid And Ladle (Avantco WK12007PL).....	523.64	28.97
11 46 16 00-0010	EA	12" x 20", 1200 Watt, 120 Voltage, Full Size Electric Countertop Food Warmer / Soup Station With 3 Insets, 3 Covers, And 3 (3 Ounce) Ladles (Avantco WK12004X3).....	359.69	28.97

11 46 16 00-0011 Hot Cabinets With Top Wells Electric ^(11 46 16)

11 46 16 00-0012	EA	2 Wells, 2 Compartments Hot Cabinet With Top Wells, Electric.....	8,904.11	164.99
11 46 16 00-0013	EA	3 Wells, 3 Compartments Hot Cabinet With Top Wells, Electric.....	12,721.43	236.45

11 46 16 00-0014 Portable Hot Food Units ^(11 46 16)

11 46 16 00-0015	EA	46" Wide x 28" Deep x 34" Height, Three Well, Stainless Steel Hot Food Station (Vollrath Model 37030).....	5,455.28	
11 46 16 00-0016	EA	60" Wide x 28" Deep x 34" Height, Four Well, Stainless Steel Hot Food Station (Vollrath Model 37040).....	6,247.24	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 46 16 00-0017	EA	74" Wide x 28" Deep x 34" Height, Five Well, Stainless Steel Hot Food Station (Vollrath Model 37050).....	7,061.41	
11 46 16 00-0018 Stationary Hot Food Units <small>(11 46 16)</small>				
11 46 16 00-0019	EA	46" Wide x 29-1/2" Deep x 34" Height, Three Well, Stainless Steel Hot Food Station (Vollrath Model 38203)	1,650.20	33.60
11 46 16 00-0020	EA	61-1/4" Wide x 29-1/2" Deep x 34" Height, Four Well, Stainless Steel Hot Food Station (Vollrath Model 38204)	2,214.41	38.68
11 46 16 00-0021	EA	76" Wide x 29-1/2" Deep x 34" Height, Five Well, Stainless Steel Hot Food Station (Vollrath Model 38205)	2,757.60	49.53
11 46 16 00-0022 Serving Counters <small>(11 46 16)</small>				
11 46 16 00-0023	LF	11" Deep, Tray Slide With 3 Raised Reinforced Ribs And Backing Plate, 316 Stainless Steel Solid Surface, Straight Section	114.27	39.60
11 46 16 00-0024	LF	11" Deep, Tray Slide With 3 Raised Reinforced Ribs And Backing Plate, 316 Stainless Steel Solid Surface, Curved Section	146.36	60.66
11 46 16 00-0025 Drop-In Equipment <small>(11 46 16)</small>				
11 46 16 00-0026	EA	Hot Food Well, Rectangular	545.96	126.18
11 46 16 00-0027	EA	Hot Food Well, Circular	500.09	126.18
11 46 16 00-0028	EA	Refrigerated Well, 2 Compartment	2,487.85	126.18
11 46 16 00-0029	EA	Refrigerated Well, 3 Compartment	2,828.85	140.16
11 46 16 00-0030	EA	Refrigerated Well, 4 Compartment	3,215.18	157.73
11 46 16 00-0031	EA	Frost Cold Plate	2,138.29	140.16
11 46 16 00-0032 Beverage Dispensing <small>(11 46 16)</small>				
11 46 16 00-0033	EA	Coffee Urn, Twin 3 Gallon	3,499.54	207.30
11 46 16 00-0034	EA	Coffee Urn, Twin 6 Gallon	4,984.23	290.18
11 46 16 00-0035	EA	Coffee Brewer, 5 Burner	1,446.70	207.30
11 46 16 00-0036	EA	Hot Chocolate Dispenser	1,407.95	170.75
11 46 16 00-0037	EA	Iced Tea Brewer	2,061.65	170.75
11 46 16 00-0038	EA	Juice Dispenser (Concentrate)	1,477.78	280.13
11 46 16 00-0039	EA	Jet Spray Dispenser	2,109.04	280.42
11 46 16 00-0040	EA	Milk Dispenser, Bulk, 2 Flavor	1,778.82	157.73
11 46 16 00-0041	EA	Milk Dispenser, Bulk, 3 Flavor	2,432.52	157.73
11 46 16 00-0042 Dish Dispensers <small>(11 46 16)</small>				
11 46 16 00-0043	EA	Heated Plate Lift; Adjustable Plate Storage And Transport (Adcraft ADC-LR-2)	1,879.63	28.97
11 46 16 00-0044	EA	12" Diameter, Drop-in, Dish Dispenser	714.70	29.34
11 46 16 00-0045	EA	Drop-in, Cup And Glass Dispenser	1,210.04	91.23
11 46 16 00-0046	EA	Drop-in, Disposable Cup Dispenser	442.48	20.55
11 46 16 00-0047 Tray And Silver Dispensers <small>(11 46 16)</small>				
11 46 16 00-0048	EA	Tray And Silver Dispensers Mobile	2,807.27	20.55
11 46 16 00-0049 Condiment Dispensers <small>(11 46 16)</small>				
11 46 16 00-0050	EA	Butter Pat Dispenser	159.17	25.72
11 46 16 00-0051	EA	Bread Dispenser, Counter Top	459.65	25.72
11 46 16 00-0052 Sandwich Rack Warmer <small>(11 46 16)</small>				
11 46 16 00-0053	EA	18 Compartment, 2 Tier Sandwich Rack Warmer	3,541.17	133.65
11 46 16 00-0054 Mobile Bread Counter <small>(11 46 16)</small>				
11 46 16 00-0055	EA	Mobile Bread And Roll Counter	8,127.45	300.45
11 46 16 00-0056 Open Service Stand <small>(11 46 16)</small>				
11 46 16 00-0057	EA	6' Open Service Stand	3,125.57	103.33
11 46 16 00-0058	LF	Each Additional Foot Over 6 Foot Add	427.59	13.97
11 46 16 00-0059 Mobile Serving Stand Unit <small>(11 46 16)</small>				
11 46 16 00-0060	EA	36" Mobile Serving Stand Unit	2,730.12	98.83
11 46 16 00-0061	EA	96" Mobile Serving Stand Unit	4,486.99	148.13
11 46 16 00-0062 Reach-In Heated Cabinets <small>(11 46 16)</small>				
11 46 16 00-0063	EA	Heated Cabinet, Reach-in, 1 Compartment	5,484.33	161.81
11 46 16 00-0064	EA	Heated Cabinet, Reach-in, 2 Compartment	7,907.37	203.55
11 46 16 00-0065	EA	Heated Cabinet, 1 Compartment, Pass-Through Roll-In	5,742.37	161.81
11 46 16 00-0066	EA	Heated Cabinet, Pass-Through, Roll-In 2 Compartment	8,282.39	203.55
11 46 16 00-0067 Mobile Heated Cabinets <small>(11 46 16)</small>				
11 46 16 00-0068	EA	Mobile, Heated Cabinet	6,180.98	51.37

11 Equipment
11 40 Foodservice Equipment
11 46 Food Dispensing Equipment



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 16 00-0069			Smoothie Machine <small>(11 46 16)</small>		
11 46 16 00-0070	EA		Smoothie Machines 3-1/2 HP Commercial Blender With Toggle Control And Two 64 Ounce Polycarbonate Containers (Avamix BX2000T2J).....	349.77	28.97
11 46 16 00-0071	EA		Smoothie Machines 3-1/2 HP Commercial Blender With Toggle Control And One 64 Ounce Polycarbonate Container (Avamix BX2000T).....	307.63	28.97
11 46 16 00-0072	EA		Smoothie Machines 3-1/2 HP Commercial Blender With Toggle Control, Adjustable Speed, And Two 64 Ounce Polycarbonate Containers (Avamix BX2000V2J).....	371.39	28.97
11 46 16 00-0073	EA		Smoothie Machines 3-1/2 HP Commercial Blender With Touchpad Control, Adjustable Speed, And Two 64 Ounce Polycarbonate Containers (Avamix BX2100E2J).....	382.20	28.97
11 46 16 00-0074	EA		Smoothie Machines 2 HP Commercial Blender With Toggle Control And 64 Ounce Polycarbonate Container (Avamix BL2T64).....	205.76	28.97
11 46 16 00-0075			Refrigerated Buffet Display Table <small>(11 46 16)</small>		
11 46 16 00-0076	EA		35" Stainless Steel Refrigerated Buffet Display Table, Cooling Serving Stations (Turbo Air JBT-36-N).....	3,274.62	28.97
11 46 16 00-0077	EA		47" Stainless Steel Refrigerated Buffet Display Table, Cooling Serving Stations (Turbo Air JBT-48-N).....	4,337.04	28.97
11 46 16 00-0078	EA		59" Stainless Steel Refrigerated Buffet Display Table, Cooling Serving Stations (Turbo Air JBT-60-N).....	5,010.07	28.97
11 46 16 00-0079	EA		71" Stainless Steel Refrigerated Buffet Display Table, Cooling Serving Stations (Turbo Air JBT-72-N).....	5,866.81	28.97
11 46 16 00-0080			Refrigerated Bakery Display Case <small>(11 46 16)</small>		
11 46 16 00-0081	EA		26-1/2" Length x 36" Width x 48" Height, 36" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Avantco BC36HCW).....	2,335.42	20.55
11 46 16 00-0082	EA		26-1/2" Length x 47-7/8" Width x 48" Height, 48" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Avantco BC48HCB).....	2,679.72	20.55
11 46 16 00-0083	EA		26-1/2" Length x 59-2/3" Width x 48" Height, 48" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Avantco BC48HCW).....	2,685.55	23.51
11 46 16 00-0084	EA		26-1/2" Length x 59-2/3" Width x 48" Height, 60" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Avantco BC60HCB).....	2,915.09	23.51
11 46 16 00-0085	EA		26-1/2" Length x 59-2/3" Width x 48" Height, 60" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Avantco BC60HCW).....	2,915.09	23.51
11 46 16 00-0086	EA		26-1/2" Length x 71-1/2" Width x 48" Height, 72" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Avantco BC72HCB).....	3,739.34	23.51
11 46 16 00-0087	EA		26-1/2" Length x 72-1/2" Width x 48" Height, 72" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Bakery Display Case, White (Avantco 193BC72HCW).....	3,739.34	23.51
11 46 16 00-0088	EA		27-1/2" Length x 35-3/8" Width x 44-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, 36 To 43 Degrees Fahrenheit Temperature Range, Refrigerant R-290, Full Service Two Tier Refrigerated Bakery Display Case, White (Turbo Air TBP3646NW).....	4,708.67	27.37
11 46 16 00-0089	EA		27-1/2" Length x 35-3/8" Width x 44-3/8" Height, 35-1/2" Square Glass, 1 Shelf, 2 Doors, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, Black (Turbo Air TBP3646FN).....	5,988.82	27.37
11 46 16 00-0090	EA		27-1/2" Length x 35-3/8" Width x 44-3/8" Height, 35-1/2" Square Glass, 1 Shelf, Two Doors, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP3646NN).....	4,708.67	27.37
11 46 16 00-0091	EA		27-1/2" Length x 35-3/8" Width x 44-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP3646FW).....	5,988.82	27.37
11 46 16 00-0092	EA		27-1/2" Length x 35-3/8" Width x 52-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Three Tier Refrigerated Bakery Display Case, White (Turbo Air TBP3654NW).....	4,988.50	27.37
11 46 16 00-0093	EA		27-1/2" Length x 35-3/8" Width x 52-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP3654F).....	4,988.50	27.37
11 46 16 00-0094	EA		27-1/2" Length x 35-3/8" Width x 52-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP3654NN).....	4,988.50	27.37
11 46 16 00-0095	EA		27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP4846NN).....	5,302.65	27.37
11 46 16 00-0096	EA		27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP4846FW).....	6,746.21	27.37
11 46 16 00-0097	EA		27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, White (Turbo Air TBP4846NW).....	5,302.65	27.37
11 46 16 00-0098	EA		27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Drop-In Refrigerated Bakery Display Case (Turbo Air TBP4846FD).....	6,352.51	27.37
11 46 16 00-0099	EA		27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Black Refrigerated Bakery Display Case With Lift-Up Front Glass (Turbo Air TBP4846FN).....	6,746.21	27.37
11 46 16 00-0100	EA		27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP4854FW).....	7,147.14	27.37
11 46 16 00-0101	EA		27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case, White (Turbo Air TBP4854NW).....	5,617.54	27.37
11 46 16 00-0102	EA		27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Drop-In Refrigerated Bakery Display Case (Turbo Air TBP4854FD).....	6,729.94	27.37
11 46 16 00-0103	EA		27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Black Refrigerated Bakery Display Case With Lift-Up Front Glass (Turbo Air TBP4854FN).....	7,147.14	27.37
11 46 16 00-0104	EA		27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP4854NN).....	5,617.54	27.37
11 46 16 00-0105	EA		27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP6046FW).....	7,395.50	27.37
11 46 16 00-0106	EA		27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Two Tier Drop-In Refrigerated Bakery Display Case (Turbo Air TBP6046FD).....	6,963.84	27.37
11 46 16 00-0107	EA		27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, Black (Turbo Air TBP6046FN).....	7,395.50	27.37
11 46 16 00-0108	EA		27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP6046NN).....	7,395.50	27.37
11 46 16 00-0109	EA		27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP6054FD).....	7,378.15	27.37

		Equipment	11
		Foodservice Equipment	11 40
		Food Dispensing Equipment	11 46

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 46 16 00-0110	EA		27-1/2" Length x 59" Width x 52-3/8" Height, 36" Curved Glass, 2 Shelves, 2 Doors, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Avantco 193BC36HCB).....	2,354.08	29.91
11 46 16 00-0111	EA		27-1/2" Length x 59" Width x 52-3/8" Height, 59" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP6054FW).....	7,840.76	29.91
11 46 16 00-0112	EA		27-1/2" Length x 59" Width x 52-3/8" Height, 59" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case, White (Turbo Air TBP6054NW).....	6,162.59	29.91
11 46 16 00-0113	EA		27-1/2" Length x 35-3/8" Width x 52-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP3654FW).....	6,345.65	27.37
11 46 16 00-0114	EA		34-1/4" Length x 36-1/2" Width x 50-1/8" Height, 36" Curved Glass, 2 Shelves, R-290 Refrigerant, Full Service Dry Refrigerated Bakery Display Case, White (Turbo Air TCGB36RWN).....	2,377.63	29.91
11 46 16 00-0115	EA		34-1/4" Length x 36-1/2" Width x 50-1/8" Height, 36" Flat Glass, 2 Shelves, R-290 Refrigerant, Open, Full Service Refrigerated Bakery Display Case, Black (Turbo Air TCGB36FBN).....	8,099.61	29.91
11 46 16 00-0116	EA		34-1/4" Length x 36-1/2" Width x 50-1/8" Height, 36" Flat Glass, 2 Shelves, R-290 Refrigerant, Open, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB36FWN).....	8,099.61	29.91
11 46 16 00-0117	EA		34-1/4" Length x 36-1/2" Width x 50-1/8" Height, 36" Curved Glass, 2 Shelves, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB362WN).....	8,099.61	29.91
11 46 16 00-0118	EA		34-1/4" Length x 48-1/2" Width x 50-1/8" Height, 48" Curved Glass, 2 Shelves, R-290 Refrigerant, Full Service Refrigerated Dry Bakery Display Case, White (Turbo Air TCGB48DWN).....	5,447.39	29.91
11 46 16 00-0119	EA		34-1/4" Length x 48-1/2" Width x 50-1/8" Height, 48" Flat Glass, 2 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Open, Refrigerated Bakery Display Case, Black (Turbo Air TCGB48FBN).....	9,754.65	29.91
11 46 16 00-0120	EA		34-1/4" Length x 48-1/2" Width x 50-1/8" Height, 48" Flat Glass, 2 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB48FWN).....	9,754.65	29.91
11 46 16 00-0121	EA		34-1/4" Length x 48-1/2" Width x 50-1/8" Height, 48" Curved Glass, 2 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB482WN).....	9,754.65	29.91
11 46 16 00-0122	EA		34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Curved Glass, 2 Shelves, R-290 Refrigerant, Full Service Refrigerated Dry Bakery Display Case, White (Turbo Air TCGB60DWN).....	6,262.29	29.91
11 46 16 00-0123	EA		34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Flat Glass, 2 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Turbo Air TCGB60FBN).....	9,908.30	29.91
11 46 16 00-0124	EA		34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Flat Glass, 2 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Open, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB60FWN).....	15,457.12	29.91
11 46 16 00-0125	EA		34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Curved Glass, 4 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Dry Refrigerated Bakery Display Case, White (Turbo Air TCGB602WN).....	15,457.12	29.91
11 46 16 00-0126	EA		34-1/4" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 2 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB722WN).....	10,359.69	32.87
11 46 16 00-0127			Dry Bakery Display Case <small>(11 46 16)</small>		
11 46 16 00-0128	EA		26-1/2" Length x 36" Width x 48" Height, 36" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, Black (Avantco BCD36B).....	1,689.91	20.55
11 46 16 00-0129	EA		26-1/2" Length x 36" Width x 48" Height, 36" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Avantco BCD36W).....	1,689.91	20.55
11 46 16 00-0130	EA		26-1/2" Length x 47.8" Width x 48" Height, 48" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, Black (Avantco BCD48B).....	1,873.21	20.55
11 46 16 00-0131	EA		26-1/2" Length x 47.8" Width x 48" Height, 48" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Avantco BCD48W).....	1,873.21	20.55
11 46 16 00-0132	EA		26-1/2" Length x 59-2/3" Width x 48" Height, 60" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, Black (Avantco BCD60B).....	2,154.00	23.51
11 46 16 00-0133	EA		26-1/2" Length x 59-2/3" Width x 48" Height, 60" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Avantco BCD60W).....	2,566.43	23.51
11 46 16 00-0134	EA		26-1/2" Length x 71-1/2" Width x 48" Height, 72" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, Black (Avantco BCD72B).....	2,511.44	23.51
11 46 16 00-0135	EA		26-1/2" Length x 71-1/2" Width x 48" Height, 72" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Avantco BCD72W).....	2,511.44	23.51
11 46 16 00-0136	EA		27-1/2" Length x 36-3/8" Width x 44-3/8" Height, 73-11/16" Curved Glass, 1 Shelf, 2 Doors, Full Service Dry Bakery Display Case, Black (Beverage-Air TBP3646FN).....	5,267.48	27.37
11 46 16 00-0137	EA		27-1/2" Length x 36-3/8" Width x 44-3/8" Height, 73-11/16" Curved Glass, 1 Shelf, 2 Doors, Full Service Dry Bakery Display Case, White (Beverage-Air TBP3646FW).....	10,480.14	27.37
11 46 16 00-0138	EA		34-1/4" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Turbo Air TCGB72DWN).....	7,701.79	32.87
11 46 16 00-0139	EA		35-3/4" Length x 37-1/4" Width x 48-9/16" Height, 37-1/4" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Beverage-Air CDR3HCWD).....	5,107.94	29.91
11 46 16 00-0140	EA		35-3/4" Length x 36-1/4" Width x 48-9/16" Height, 37-1/4" Curved Glass, 2 Shelves, 2 Doors, Dry Bakery Display Case, Black (Beverage-Air CDR3HCBD).....	5,107.94	29.91
11 46 16 00-0141	EA		35-3/4" Length x 49-1/4" Width x 48-9/16" Height, 49-1/4" Curved Glass, 2 Shelves, 2 Doors, Full Service Dry Bakery Display Case, Black (Beverage-Air CDR4HCBD).....	5,107.94	29.91
11 46 16 00-0142	EA		35-3/4" Length x 49-1/4" Width x 48-9/16" Height, 49-1/4" Curved Glass, 2 Doors, 2 Shelves, Dry Bakery Display Case, White (Beverage-Air CDR4HCWD).....	5,107.94	29.91
11 46 16 00-0143	EA		35-3/4" Length x 60-1/4" Width x 48-9/16" Height, 60-1/4" Curved Glass, 2 Shelves, 2 Doors, Dry Bakery Display Case, Black (Beverage-Air CDR5HCBD).....	5,312.78	29.91
11 46 16 00-0144	EA		35-3/4" Length x 60-1/4" Width x 48-9/16" Height, 60-1/4" Curved Glass, 2 Shelves, 2 Doors, Full Service Dry Bakery Display Case, White (Beverage-Air CDR5HCWD).....	5,312.78	29.91
11 46 16 00-0145	EA		35-3/4" Length x 73-11/16" Width x 48-9/16" Height, 73-11/16" Curved Glass, 2 Shelves, 2 Doors, Full Service Dry Bakery Display Case, Black (Beverage-Air CDR6HCBD).....	5,744.05	32.87
11 46 16 00-0146	EA		35-3/4" Length x 73-11/16" Width x 48-9/16" Height, 73-11/16" Curved Glass, 2 Shelves, 2 Doors, Full Service Dry Bakery Display Case, White(Beverage-Air CDR6HCWD).....	5,744.05	32.87
11 46 16 00-0147			Dual Dry/Refrigerated Bakery Display Case <small>(11 46 16)</small>		

11 Equipment**11 40 Foodservice Equipment****11 46 Food Dispensing Equipment**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 16 00-0148	EA		34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Flat Glass, 4 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Dual Dry/Refrigerated Bakery Display Case, Black (Turbo Air TCGB60UFCBON).....	16,780.85	29.91
11 46 16 00-0149	EA		34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Flat Glass, 4 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Dual Dry/Refrigerated Bakery Display Case, White (Turbo Air TCGB60UFCOWN).....	16,780.85	29.91
11 46 16 00-0150	EA		34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Curved Glass, 4 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, Refrigerant R-290, Full Service Dual Dry/Refrigerated Bakery Display Case, White (Turbo Air TCGB60COWN).....	16,780.85	29.91
11 46 16 00-0151	EA		34-1/4" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 2 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Dual Dry/Refrigerated Bakery Display Case, White (Turbo Air TCGB72UFCOWN).....	16,786.85	32.87
11 46 16 00-0152	EA		34-1/4" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 4 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Dual Dry/Refrigerated Bakery Display Case, White (Turbo Air TCGB72COWN).....	17,231.10	32.87
11 46 16 00-0153			Refrigerated Deli Case <small>(11 46 16)</small>		
11 46 16 00-0154	EA		30" Length x 72-1/2" Width x 41-7/8" Height, 72" Low Profile Curved Glass, 1 Shelf, Sliding Door, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Turbo Air TCDD72LWN).....	9,027.36	109.57
11 46 16 00-0155	EA		30" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 2 Shelves, Sliding Door, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Turbo Air TCDD72HWN).....	9,027.36	109.57
11 46 16 00-0156	EA		30" Length x 96-1/2" Width x 41-7/8" Height, 96" Low Profile Curved Glass, 1 Shelf, Sliding Door, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Turbo Air TCDD96LWN).....	10,345.73	109.57
11 46 16 00-0157	EA		30" Length x 96-1/2" Width x 5-1/8" Height, 96" Curved Glass, 1 Shelf, Sliding Door, 33 To 41 Degree Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Turbo Air TCDD96HWN).....	10,345.73	109.57
11 46 16 00-0158	EA		32-1/2" Length x 36-1/4" Width x 42-7/8" Height, 36" Curved Glass, 4 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, Black (Avantco DLC36HCB).....	2,110.25	65.76
11 46 16 00-0159	EA		32-1/2" Length x 36-1/4" Width x 42-7/8" Height, 36" Curved Glass, 4 Shelves, 2 Doors, Sliding Doors, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Stainless Steel Refrigerated Deli Case (Avantco DLC36HCS).....	2,297.39	65.76
11 46 16 00-0160	EA		32-1/2" Length x 36-1/4" Width x 42-7/8" Height, 36" Curved Glass, 4 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Avantco DLC36HCW).....	2,110.25	65.76
11 46 16 00-0161	EA		32-1/2" Length x 47-1/4" Width x 42-7/8" Height, 47" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, Black (Avantco DLC47HCB).....	2,389.37	82.19
11 46 16 00-0162	EA		32-1/2" Length x 47-1/4" Width x 42-7/8" Height, 47" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Stainless Steel Refrigerated Deli Case (Avantco DLC47HCS).....	2,596.21	82.19
11 46 16 00-0163	EA		32-1/2" Length x 64-1/3" Width x 42-7/8" Height, 64" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Avantco DLC64HCW).....	2,798.78	109.57
11 46 16 00-0164	EA		32-1/2" Length x 64-1/4" Width x 42-7/8" Height, 64" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, Black (Avantco DLC64HCB).....	2,798.78	109.57
11 46 16 00-0165	EA		32-1/2" Length x 64-1/4" Width x 42-7/8" Height, 64" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Stainless Steel Refrigerated Deli Case (Avantco DLC64HCS).....	3,163.21	109.57
11 46 16 00-0166	EA		32-1/2" Length x 64-1/4" Width x 42-7/8" Height, 47" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Avantco DLC47HCW).....	2,444.20	109.57
11 46 16 00-0167	EA		32-1/2" Length x 82" Width x 42-7/8" Height, 82" Curved Glass, 9 Shelves, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, Black (Avantco DLC82HCB).....	3,054.86	109.57
11 46 16 00-0168	EA		32-1/2" Length x 82" Width x 42-7/8" Height, 82" Curved Glass, 9 Shelves, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Avantco DLC82HCW).....	3,054.86	109.57
11 46 16 00-0169	EA		32-1/2" Length x 82" Width x 42-7/8" Height, 82" Curved Glass, 9 Shelves, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Stainless Steel Refrigerated Deli Case (Avantco DLC82HCS).....	3,360.19	109.57
11 46 19			Soda Fountain Equipment <small>(11 46)</small>		
11 46 19 00-0001			Carbonated Beverage Dispensing <small>(11 46 19)</small>		
11 46 19 00-0002	EA		Carbonated Beverage Dispenser.....	3,791.07	394.37
11 46 19 00-0003	EA		Carbonated Beverage Dispenser With 90 LB Ice.....	6,046.02	450.66
11 46 19 00-0004	EA		Carbonated Beverage Dispenser With 150 LB Ice.....	11,152.17	630.91
11 46 19 00-0005			Beverage Chilling Systems <small>(11 46 19)</small>		
11 46 19 00-0006	EA		Beverage Chiller, Small.....	10,957.44	356.25
11 46 19 00-0007	EA		Beverage Chiller, Large.....	20,626.09	534.43
11 46 83			Ice Machines <small>(11 46)</small>		
11 46 83 00-0001			Undercounter Ice Machines With Bin <small>(11 46 83)</small>		
11 46 83 00-0002	EA		53 LB/Day, Air Cooled Undercounter Octagonal Cube Ice Machine With 25 LB Capacity Bin (Manitowoc SM-50A 115/60/1).....	2,415.17	20.55
11 46 83 00-0003	EA		85 LB/Day, Air Cooled Undercounter Pearl/Nugget Ice Machine With 22 LB Capacity Bin (Ice-O-Matic GEMU090).....	3,861.16	169.86
11 46 83 00-0004	EA		137 LB/Day, Air Cooled Undercounter Half Dice Cube Ice Machine With 90 LB Capacity Bin (Manitowoc UYF0140A).....	2,935.81	169.86
11 46 83 00-0005	EA		100 LB/Day, Undercounter, Air Cooled Ice Machine With 57 LB Capacity Bin (Scotsman CU0920MA).....	2,865.04	169.86
11 46 83 00-0006	EA		227 LB/Day, Undercounter, Air Cooled Ice Machine With 80 Lb Capacity Bin (Scotsman UC2024SA).....	3,086.33	182.00
11 46 83 00-0007	EA		282 LB/Day, Undercounter, Air Cooled Ice Machine With 80 Lb Capacity Bin (Scotsman UC2724SA).....	3,455.42	182.00

	MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 46 83 00-0008		Ice Cube Maker <small>(11 46 83)</small>		
11 46 83 00-0009	EA	320 LB/Day, Modular Ice Maker Without Bin	3,928.53	182.00
11 46 83 00-0010	EA	451 LB/Day, Modular Ice Maker Without Bin	4,269.88	194.13
11 46 83 00-0011	EA	600 LB/Day, Modular Ice Maker Without Bin	4,894.88	194.13
11 46 83 00-0012	EA	901 LB/Day, Modular Ice Maker Without Bin	7,014.51	206.26
11 46 83 00-0013	EA	1301 LB/Day, Modular Ice Maker Without Bin	7,965.98	206.26
11 46 83 00-0014	EA	1601 LB/Day, Modular Ice Maker Without Bin	9,610.10	218.39
11 46 83 00-0015	EA	1900 LB/Day, Modular Ice Maker Without Bin	10,621.25	218.39

11 46 83 00-0016		Ice Flakers <small>(11 46 83)</small>		
11 46 83 00-0017	EA	300 LB/Day, Ice Flakers	8,058.20	580.59
11 46 83 00-0018	EA	600 LB/Day, Ice Flakers	14,667.72	928.95
11 46 83 00-0019	EA	1,000 LB/Day, Ice Flakers	18,053.83	1,277.31
11 46 83 00-0020	EA	2,000 LB/Day, Ice Flakers	22,162.66	1,393.43

11 46 83 00-0021		Ice Storage Bins <small>(11 46 83)</small>		
11 46 83 00-0022	EA	260 LB Capacity, Stainless Steel Ice Storage Bin	1,553.59	123.29
11 46 83 00-0023	EA	360 LB Capacity, Stainless Steel Ice Storage Bin	1,706.35	123.29
11 46 83 00-0024	EA	550 LB Capacity, Stainless Steel Ice Storage Bin	2,134.28	133.57
11 46 83 00-0025	EA	660 LB Capacity, Stainless Steel Ice Storage Bin	2,304.03	133.57
11 46 83 00-0026	EA	1150 LB Capacity, Stainless Steel Ice Storage Bin	4,446.35	143.84

11 48 Foodservice Cleaning and Disposal Equipment (11 40)

11 48 13 Commercial Dishwashers (11 48)

11 48 13 00-0001		Sprays And Hoses <small>(11 48 13)</small>		
11 48 13 00-0002		Sprays, Fillers <small>(11 48 13 00-0001)</small>		
11 48 13 00-0003	EA	Pre-Rinse Spray	456.05	84.63
11 48 13 00-0004	EA	Kettle Fillers	398.71	84.63

11 48 13 00-0005		Hoses <small>(11 48 13 00-0001)</small>		
11 48 13 00-0006	EA	Hose Reel	547.26	101.60
11 48 13 00-0007	EA	Wash-Down Hose	432.58	101.60
11 48 13 00-0008	EA	Hose Reel And Spray System With Accessories (Chicago 535NF)	1,475.54	

11 48 13 00-0009		Rack Type Dishwasher <small>(11 48 13)</small>		
11 48 13 00-0010	EA	Dishwasher, 1 Tank And 190 To 230 Racks/Hour	20,639.90	986.61
11 48 13 00-0011	EA	Dishwasher, 2 Tanks And 234 To 260 Racks/Hour	33,302.59	1,218.76
11 48 13 00-0012	EA	Dishwasher, 2 Tanks And 265 To 290 Racks/Hour	39,759.62	1,392.87

11 48 13 00-0013		Undercounter Type Dishwasher <small>(11 48 13)</small>		
11 48 13 00-0014	EA	High Speed, Undercounter Commercial Dishwasher (Hobart LX30-H)	6,503.19	203.13
11 48 13 00-0015	EA	1.2 Gallons Per Rack, 120 To 140 Degrees Fahrenheit, 115 Volt, Low Temperature Undercounter Dishwasher (Noble WF-UL30-NO-115)	4,633.81	164.39
11 48 13 00-0016	EA	1.2 Gallons Per Rack, 120 To 140 Degrees Fahrenheit, 115 Volt, Low Temperature Undercounter Dishwasher (Jackson DISHSTAR LT UNDERCOUNTER)	6,994.95	164.39
11 48 13 00-0017	EA	1.1 Gallons Per Rack, 150 To 180 Degrees Fahrenheit Temperature Range, High Temperature Undercounter Dishwasher (Noble WF-UH30-FND-NO)	4,975.35	164.39
11 48 13 00-0018	EA	1.1 Gallons Per Rack, 150 To 180 Degrees Fahrenheit Temperature Range, 208/230 Volt, High Temperature Undercounter Dishwasher (Jackson DISHSTAR HT)	7,293.44	164.39
11 48 13 00-0019	EA	0.65 Gallons Per Rack, 155 To 180 Degrees Fahrenheit Temperature Range, 208/230V, 1 Phase, Energy Efficient High Temperature Undercounter Dishwasher (Jackson DISHSTAR HTE)	7,590.44	164.39
11 48 13 00-0020	EA	0.65 Gallons Per Rack, 155 To 180 Degrees Fahrenheit Temperature Range, 208/230 Volt, 1 Phase, High Temperature Undercounter Dishwasher With Energy Recovery (Jackson DSTR HT-SEER)	8,760.62	164.39
11 48 13 00-0021	EA	0.65 Gallons Per Rack, 155 To 180 Degrees Fahrenheit Temperature Range, 208/230 Volt, 1 Phase, High Temperature Undercounter Dishwasher With Energy Recovery (Jackson TEMPSTAR-HH VER)	20,177.30	164.39
11 48 13 00-0022	EA	0.74 Gallons Per Rack, 180 Degrees Fahrenheit, 120/208-240 Volt, Hot Water Sanitizing, Undercounter Dishwasher (Hobart LXEH-2)	11,329.92	164.39
11 48 13 00-0023	EA	0.62 Gallons Per Rack, 180 Degrees Fahrenheit, 120/208-240 Volt, Hot Water Sanitizing, Undercounter Dishwasher With Energy Recovery (Hobart LXER-2)	12,146.30	164.37

11 48 13 00-0024		Exhaust Hood Dishwasher <small>(11 48 13)</small>		
11 48 13 00-0025	EA	4' x 4' x 2' Dishwasher Exhaust Hood Stainless Steel With Gutter On All Sides	2,565.19	237.04
11 48 13 00-0026	EA	4' x 4' x 7' Dishwasher Exhaust Hood Stainless Steel With Gutter On All Sides	4,408.56	284.45

11 48 13 00-0027		Dish Tables <small>(11 48 13)</small>		
11 48 13 00-0028	LF	Clean/Soiled Dish Table, Basic	297.44	44.58
11 48 13 00-0029	LF	Clean/Soiled Dish Table With Trough	467.91	66.81
11 48 13 00-0030	LF	Clean/Soiled Dish Table, Maximum	565.89	89.04

11 48 13 00-0031		Commercial Dishwashers <small>(11 48 13)</small>		
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11 Equipment**11 40 Foodservice Equipment****11 48 Foodservice Cleaning and Disposal Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

11 48 13 00-0032	EA	1.16 Gallons Per Rack, 120 To 140 Degrees Fahrenheit, Single Rack, Low Temperature Glass Washer/Dishwasher (Noble WF-DG-E-NO 115/1).....	5,567.91	438.36
11 48 13 00-0033	EA	1.2 Gallons Per Rack, 120 To 140 Degrees Fahrenheit, 115 Volt, Low Temperature Dishwasher (Noble WF-HT180-D-7-NO).....	9,460.05	164.39
11 48 13 00-0034	EA	1.02 Gallons Per Rack, 120 Degrees Fahrenheit, 115 Volt, Single Rack, Low Temperature Door-Type Dish Machine (Noble WF-I-E-NO 115).....	4,915.73	505.84
11 48 13 00-0035	EA	2.23 Gallons Per Rack, 130 Degrees Fahrenheit, 115 Volt, Electric Carousel Type Underbar Glass Washer (Noble WF-CG-115-NO).....	5,821.81	164.39
11 48 13 00-0036	EA	2.23 Gallons Per Rack, 130 Degrees Fahrenheit, 208 To 230 Volt, Electric Carousel Type Underbar Glass Washer (Noble WF-CG NOBLE LABEL).....	5,821.81	164.39
11 48 13 00-0037	EA	1.61 Gallons Per Rack, 140 Degrees Fahrenheit, 115 Volt, Dual Functionality, Low Temperature Door Type Dish/Pot And Pan Washer (Noble 1-HH-NO).....	5,554.29	505.84
11 48 13 00-0038	EA	1.36 Gallons Per Rack, 140 Degrees Fahrenheit, 208/230 Volt, 1 Phase, Dual Functionality, High Temperature Tall Dish/Pot And Pan Washer (Noble WF-HT-180HH-NO).....	11,850.69	505.84
11 48 13 00-0039	EA	1.561 Gallons Per Rack, 145 Degrees Fahrenheit, 115 Volt, Dual Functionality, Low Temperature Door Type Dish/Pot And Pan Washer (Noble WF-I-E-A-LTH-NO).....	7,098.69	505.84
11 48 13 00-0040	EA	1.02 Gallons Per Rack, 145 Degrees Fahrenheit, 208/230 Volt, 1 Phase, Dual Benefit, Low Temperature Door Type Dishwasher (Noble WF-IE-LTH-NO).....	6,935.33	505.84
11 48 13 00-0041	EA	0.75 Gallons Per Rack, 150 To 180 Degrees Fahrenheit Temperature Range, 208/230 Volt, Door Type Dishwasher High Hood With Electric Booster Heater (Jackson TEMPSTAR-HH).....	16,681.39	505.84
11 48 13 00-0042	EA	1.17 Gallons Per Rack, 150 To 180 Degrees Fahrenheit Temperature Range, 115 Volt, Double Rack Low Temperature Dishwasher (Noble WF-II-NO).....	6,950.19	505.84
11 48 13 00-0043	EA	1.36 Gallons Per Rack, 150 To 180 Degrees Fahrenheit Temperature Range, 208/230 Volt, 3 Phase, High Temperature Dual Functionality Tall Dish/Pot And Pan Washer (Noble WF-HT-180HH-NO).....	11,850.69	505.84
11 48 13 00-0044	EA	60 Second Wash Cycle Time, 8 Gallon Tank, Single Cycle, Select Single Rack High/Low Temperature, Straight/Corner Dishwasher (Noble HT-180EC1).....	7,707.53	505.84
11 48 13 00-0045	EA	4 Cycles, 40 Racks Per Hour, 60 To 360 Second Wash Cycle Time, 14 Gallon, 208-240 Volt, 1 Phase, Ventless High Temperature Dishwasher With Booster Heater (Hobart AM15VL-6).....	27,505.41	505.84
11 48 13 00-0046	EA	208-240 Volt, 3 Phase, Ventless, Tall High Temperature Dishwasher With Booster Heater (Hobart AM15VL-2).....	32,534.30	505.84
11 48 13 00-0047	EA	208/230 Volt, 3 Phase, 0.89 Gallons Per Rack, 110 Degrees Fahrenheit, Multi Cycle, High Temperature Dishwasher (Noble WF-HT180-A-7-NO).....	10,142.93	505.84

11 48 16 Foodservice Disposal Equipment ^(11 48)**11 48 16 00-0001 Garbage Disposals** ^(11 48 16)
Note: Manual switch.

11 48 16 00-0002	EA	1/2 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal.....	1,576.57	156.70
11 48 16 00-0003	EA	3/4 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal.....	1,989.17	162.50
11 48 16 00-0004	EA	1.5 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal.....	2,793.11	174.11
11 48 16 00-0005	EA	1 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal.....	2,135.76	168.31
11 48 16 00-0006	EA	2 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal.....	3,045.41	191.52
11 48 16 00-0007	EA	3 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal.....	4,294.16	208.93
11 48 16 00-0008	EA	5 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal.....	5,129.92	232.14
11 48 16 00-0009	EA	7-1/2 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal.....	7,142.68	249.55
11 48 16 00-0010	EA	10 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal.....	9,407.57	261.16

11 48 16 00-0011 Pulper/Extractors ^(11 48 16)

11 48 16 00-0012	EA	5 HP, Pulper/Extractor, Close-Coupled.....	6,237.03	241.78
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11 50 Educational and Scientific Equipment ⁽¹¹⁾**11 52 Audio-Visual Equipment** ^(11 50)**11 52 13 Projection Screens** ^(11 52)**11 52 13 13 Fixed Projection Screens** ^(11 52 13)**11 52 13 13-0001 Screens** ^(11 52 13 13)**11 52 13 13-0002 Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model B)**

11 52 13 13-0003	EA	40" x 40" Pull Down Projection Screen (Da-Lite B).....	394.67	81.45
		For High Contrast Matte, Add.....	40.00	
		For Video Spectra Fabric, Add.....	40.00	
		For High Power Fabric, Add.....	120.00	
11 52 13 13-0004	EA	50" x 50" Pull Down Projection Screen (Da-Lite B).....	468.99	104.72
		For High Contrast Matte, Add.....	40.00	
		For Video Spectra Fabric, Add.....	40.00	
		For High Power Fabric, Add.....	120.00	
11 52 13 13-0005	EA	60" x 60" Pull Down Projection Screen (Da-Lite B).....	589.83	145.45
		For High Contrast Matte, Add.....	40.00	
		For Video Spectra Fabric, Add.....	40.00	
		For High Power Fabric, Add.....	120.00	
11 52 13 13-0006	EA	70" x 70" Pull Down Projection Screen (Da-Lite B).....	681.61	174.54
		For High Contrast Matte, Add.....	40.00	
		For Video Spectra Fabric, Add.....	40.00	
		For High Power Fabric, Add.....	120.00	
11 52 13 13-0007	EA	84" x 84" Pull Down Projection Screen (Da-Lite B).....	1,057.68	261.81
		For High Contrast Matte, Add.....	40.00	
		For Video Spectra Fabric, Add.....	40.00	
		For High Power Fabric, Add.....	120.00	
11 52 13 13-0008	EA	96" x 96" Pull Down Projection Screen (Da-Lite B).....	1,250.20	290.90
		For High Contrast Matte, Add.....	40.00	
		For Video Spectra Fabric, Add.....	40.00	
		For High Power Fabric, Add.....	120.00	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 52 13 13-0009	EA			64" x 84" Pull Down Projection Screen (Da-Lite B).....	906.41	186.18
				<i>For High Contrast Matte, Add</i>	40.00	
				<i>For Video Spectra Fabric, Add</i>	40.00	
				<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0010	EA			72" x 96" Pull Down Projection Screen (Da-Lite B).....	1,033.09	232.73
				<i>For High Contrast Matte, Add</i>	40.00	
				<i>For Video Spectra Fabric, Add</i>	40.00	
				<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0011	EA			43" x 57" Pull Down Projection Screen (Da-Lite B).....	563.93	98.90
				<i>For High Contrast Matte, Add</i>	40.00	
				<i>For Video Spectra Fabric, Add</i>	40.00	
				<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0012	EA			50" x 67" Pull Down Projection Screen (Da-Lite B).....	779.73	139.63
				<i>For High Contrast Matte, Add</i>	40.00	
				<i>For Video Spectra Fabric, Add</i>	40.00	
				<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0013	EA			55" x 77" Pull Down Projection Screen (Da-Lite B).....	848.23	157.09
				<i>For High Contrast Matte, Add</i>	40.00	
				<i>For Video Spectra Fabric, Add</i>	40.00	
				<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0014	EA			60" x 80" Pull Down Projection Screen (Da-Lite B).....	905.09	168.72
				<i>For High Contrast Matte, Add</i>	40.00	
				<i>For Video Spectra Fabric, Add</i>	40.00	
				<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0015	EA			69" x 92" Pull Down Projection Screen (Da-Lite B).....	1,042.07	203.64
				<i>For High Contrast Matte, Add</i>	40.00	
				<i>For Video Spectra Fabric, Add</i>	40.00	
				<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0016	EA			45" x 80" Pull Down Projection Screen (Da-Lite B).....	858.54	145.45
				<i>For High Contrast Matte, Add</i>	40.00	
				<i>For Video Spectra Fabric, Add</i>	40.00	
				<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0017	EA			52" x 92" Pull Down Projection Screen (Da-Lite B).....	972.26	168.72
				<i>For High Contrast Matte, Add</i>	40.00	
				<i>For Video Spectra Fabric, Add</i>	40.00	
				<i>For High Power Fabric, Add</i>	120.00	

11 52 13 13-0018 Heavy Duty Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model C) (11 52 13 13-0001)

11 52 13 13-0019	EA			50" x 50" Pull Down Projection Screen (Da-Lite C).....	939.22	104.72
				<i>For High Contrast Matte, Add</i>	40.00	
				<i>For Video Spectra Fabric, Add</i>	40.00	
				<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0020	EA			60" x 60" Pull Down Projection Screen (Da-Lite C).....	1,093.65	145.45
				<i>For High Contrast Matte, Add</i>	40.00	
				<i>For Video Spectra Fabric, Add</i>	40.00	
				<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0021	EA			70" x 70" Pull Down Projection Screen (Da-Lite C).....	1,265.56	197.82
				<i>For High Contrast Matte, Add</i>	40.00	
				<i>For Video Spectra Fabric, Add</i>	40.00	
				<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0022	EA			84" x 84" Pull Down Projection Screen (Da-Lite C).....	1,460.74	261.81
				<i>For High Contrast Matte, Add</i>	40.00	
				<i>For Video Spectra Fabric, Add</i>	40.00	
				<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0023	EA			6' x 8' Pull Down Projection Screen (Da-Lite C).....	1,606.73	267.63
				<i>For High Contrast Matte, Add</i>	40.00	
				<i>For Video Spectra Fabric, Add</i>	40.00	
				<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0024	EA			8' x 8' Pull Down Projection Screen (Da-Lite C).....	1,720.43	290.90
				<i>For High Contrast Matte, Add</i>	40.00	
				<i>For Video Spectra Fabric, Add</i>	40.00	
				<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0025	EA			7' x 9' Pull Down Projection Screen (Da-Lite C).....	1,754.02	290.90
				<i>For High Contrast Matte, Add</i>	40.00	
				<i>For Video Spectra Fabric, Add</i>	40.00	
				<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0026	EA			9' x 9' Pull Down Projection Screen (Da-Lite C).....	1,889.70	308.36
				<i>For High Contrast Matte, Add</i>	40.00	
				<i>For Video Spectra Fabric, Add</i>	40.00	
				<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0027	EA			8' x 10' Pull Down Projection Screen (Da-Lite C).....	2,025.38	325.81
				<i>For High Contrast Matte, Add</i>	40.00	
				<i>For Video Spectra Fabric, Add</i>	40.00	
				<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0028	EA			10' x 10' Pull Down Projection Screen (Da-Lite C).....	2,172.68	349.09
				<i>For High Contrast Matte, Add</i>	40.00	
				<i>For Video Spectra Fabric, Add</i>	40.00	
				<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0029	EA			9' x 12' Pull Down Projection Screen (Da-Lite C).....	2,441.39	349.09
				<i>For High Contrast Matte, Add</i>	40.00	
				<i>For Video Spectra Fabric, Add</i>	40.00	
				<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0030	EA			12' x 12' Pull Down Projection Screen (Da-Lite C).....	2,808.46	465.45
				<i>For High Contrast Matte, Add</i>	40.00	
				<i>For Video Spectra Fabric, Add</i>	40.00	
				<i>For High Power Fabric, Add</i>	120.00	

11 Equipment
11 50 Educational and Scientific Equipment
11 52 Audio-Visual Equipment



MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

11 52 13 13-0031	Heavy Duty Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model C With CSR) <small>(11 52 13 13-0001)</small>		
	Note: With controlled screen return.		
11 52 13 13-0032	EA 60" x 60" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	1,765.41	145.45
	For High Contrast Matte, Add	40.00	
	For Video Spectra Fabric, Add	40.00	
	For High Power Fabric, Add	120.00	
11 52 13 13-0033	EA 70" x 70" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	1,970.91	197.82
	For High Contrast Matte, Add	40.00	
	For Video Spectra Fabric, Add	40.00	
	For High Power Fabric, Add	120.00	
11 52 13 13-0034	EA 84" x 84" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	2,166.08	261.81
	For High Contrast Matte, Add	40.00	
	For Video Spectra Fabric, Add	40.00	
	For High Power Fabric, Add	120.00	
11 52 13 13-0035	EA 6' x 8' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	2,278.49	267.63
	For High Contrast Matte, Add	40.00	
	For Video Spectra Fabric, Add	40.00	
	For High Power Fabric, Add	120.00	
11 52 13 13-0036	EA 8' x 8' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	2,425.78	290.90
	For High Contrast Matte, Add	40.00	
	For Video Spectra Fabric, Add	40.00	
	For High Power Fabric, Add	120.00	
11 52 13 13-0037	EA 7' x 9' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	2,459.37	290.90
	For High Contrast Matte, Add	40.00	
	For Video Spectra Fabric, Add	40.00	
	For High Power Fabric, Add	120.00	
11 52 13 13-0038	EA 9' x 9' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	2,595.04	308.36
	For High Contrast Matte, Add	40.00	
	For Video Spectra Fabric, Add	40.00	
	For High Power Fabric, Add	120.00	
11 52 13 13-0039	EA 8' x 10' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	2,651.91	319.99
	For High Contrast Matte, Add	40.00	
	For Video Spectra Fabric, Add	40.00	
	For High Power Fabric, Add	120.00	
11 52 13 13-0040	EA 10' x 10' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	2,978.80	349.09
	For High Contrast Matte, Add	40.00	
	For Video Spectra Fabric, Add	40.00	
	For High Power Fabric, Add	120.00	
11 52 13 13-0041	EA 9' x 12' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	3,281.09	349.09
	For High Contrast Matte, Add	40.00	
	For Video Spectra Fabric, Add	40.00	
	For High Power Fabric, Add	120.00	
11 52 13 13-0042	EA 12' x 12' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	3,715.34	465.45
	For High Contrast Matte, Add	40.00	
	For Video Spectra Fabric, Add	40.00	
	For High Power Fabric, Add	120.00	
11 52 13 13-0043	Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Cosmopolitan Electrol) <small>(11 52 13 13-0001)</small>		
	Note: Heavy-duty screen for exposed installation.		
11 52 13 13-0044	EA 50" x 50" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,421.84	130.90
11 52 13 13-0045	EA 60" x 60" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,476.70	145.45
11 52 13 13-0046	EA 70" x 70" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,583.87	174.54
11 52 13 13-0047	EA 84" x 84" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,980.08	261.81
11 52 13 13-0048	EA 6' x 8' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,053.59	267.63
11 52 13 13-0049	EA 8' x 8' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,241.88	290.90
11 52 13 13-0050	EA 7' x 9' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,306.32	290.90
11 52 13 13-0051	EA 9' x 9' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,470.78	311.27
11 52 13 13-0052	EA 8' x 10' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,672.58	325.81
11 52 13 13-0053	EA 10' x 10' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,804.18	349.09
11 52 13 13-0054	EA 9' x 12' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,920.17	349.09
11 52 13 13-0055	EA 12' x 12' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	4,353.94	465.45
11 52 13 13-0056	Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Professional Electrol) <small>(11 52 13 13-0001)</small>		
	Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0057	EA 9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	6,404.77	349.09
	Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0058	EA 12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	6,906.20	465.45
	Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0059	EA 14' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	8,567.60	523.63
	Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0060	EA 12' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	9,019.85	581.80
	Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0061	EA 16' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	9,588.45	698.17
	Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0062	EA 13.5' x 18' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol).....	10,712.44	756.35
	Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0063	EA 18' x 18' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	11,735.69	814.53
	Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0064	EA 15' x 20' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	12,407.45	814.53
	Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0065	EA 20' x 20' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	13,345.52	930.89
	Note: Heavy-duty screen for exposed or recessed installation without doors.		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 52 13 13-0066	EA			11' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	12,391.84	756.35
11 52 13 13-0067	EA			16.5' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	13,076.81	930.89
11 52 13 13-0068	EA			22' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	13,645.42	1,047.25
11 52 13 13-0069	EA			12' x 24' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	13,179.97	814.53
11 52 13 13-0070	EA			18' x 24' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	17,004.22	1,047.25

11 52 13 13-0071 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Executive Electrol) (11 52 13 13-0001)

Note: In-the-ceiling screen with automatically operated door to conceal screen.						
11 52 13 13-0072	EA			50" x 50" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,968.41	130.90
11 52 13 13-0073	EA			60" x 60" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,098.27	145.45
11 52 13 13-0074	EA			70" x 70" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,223.63	174.54
11 52 13 13-0075	EA			84" x 84" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,633.29	261.81
11 52 13 13-0076	EA			6' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,712.10	267.63
11 52 13 13-0077	EA			8' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,960.16	290.90
11 52 13 13-0078	EA			7' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	7,161.69	290.90
11 52 13 13-0079	EA			9' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	7,303.18	311.27
11 52 13 13-0080	EA			8' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	7,500.22	325.81
11 52 13 13-0081	EA			10' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	7,681.12	349.09
11 52 13 13-0082	EA			9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	7,748.29	349.09
11 52 13 13-0083	EA			12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	8,316.89	465.45
11 52 13 13-0084	EA			10.6' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	8,912.49	494.54
11 52 13 13-0085	EA			14' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	9,306.54	523.63
11 52 13 13-0086	EA			12' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	10,161.85	581.80
11 52 13 13-0087	EA			16' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	10,562.51	698.17

11 52 13 13-0088 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Senior Electrol) (11 52 13 13-0001)

Note: In-the-ceiling screen with automatically operated door to conceal screen.						
11 52 13 13-0089	EA			50" x 50" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	4,947.34	130.90
11 52 13 13-0090	EA			60" x 60" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,052.54	160.00
11 52 13 13-0091	EA			70" x 70" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,111.87	174.54
11 52 13 13-0092	EA			84" x 84" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,383.81	261.81
11 52 13 13-0093	EA			6' x 8' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,425.68	267.63
11 52 13 13-0094	EA			8' x 8' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,599.85	290.90
11 52 13 13-0095	EA			7' x 9' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,777.86	290.90
11 52 13 13-0096	EA			9' x 9' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	6,057.07	311.27
11 52 13 13-0097	EA			8' x 10' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	6,133.19	325.81
11 52 13 13-0098	EA			10' x 10' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	6,324.16	349.09
11 52 13 13-0099	EA			9' x 12' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	6,306.17	407.26
11 52 13 13-0100	EA			12' x 12' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	6,892.76	465.45
11 52 13 13-0101	EA			10'-6" x 14' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	8,623.63	494.54
11 52 13 13-0102	EA			14' x 14' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	9,000.89	523.63
11 52 13 13-0103	EA			12' x 16' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	9,738.64	581.80
11 52 13 13-0104	EA			16' x 16' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	10,112.43	698.17
11 52 13 13-0105	EA			13'-6" x 18' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	11,018.10	756.35
11 52 13 13-0106	EA			18' x 18' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	11,695.38	814.53

11 Equipment
11 50 Educational and Scientific Equipment
11 52 Audio-Visual Equipment



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 UNIT COST UNIT COST

11 52 13 13-0107	EA	15' x 20' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	12,185.77	814.53
11 52 13 13-0108	EA	20' x 20' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	13,466.43	930.89
11 52 13 13-0109	EA	50" x 67" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	5,111.87	174.54
11 52 13 13-0110	EA	60" x 80" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	5,325.63	232.73
11 52 13 13-0111	EA	69" x 92" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	5,414.04	261.81
11 52 13 13-0112	EA	87" x 116" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	6,166.78	325.81
11 52 13 13-0113	EA	105" x 140" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	6,584.95	407.26
11 52 13 13-0114	EA	123" x 164" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	8,157.83	523.63
11 52 13 13-0115	EA	141" x 188" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	8,645.83	639.99
11 52 13 13-0116	EA	12' x 24' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	15,271.31	872.72
11 52 13 13-0117	EA	45" x 80" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	5,342.43	232.73
11 52 13 13-0118	EA	52" x 92" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	5,464.42	261.81
11 52 13 13-0119	EA	54" x 96" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	5,596.74	279.27
11 52 13 13-0120	EA	58" x 104" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	5,673.51	302.54
11 52 13 13-0121	EA	65" x 116" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	6,005.56	325.81
11 52 13 13-0122	EA	78" x 139" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	6,457.31	407.26
11 52 13 13-0123	EA	92" x 164" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	8,067.14	523.63
11 52 13 13-0124	EA	106" x 188" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	9,314.23	639.99
11 52 13 13-0125	EA	119" x 212" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	11,310.32	756.35

11 52 13 13-0126 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Boardroom Electrol) (11 52 13 13-0001)

Note: In-the-ceiling screen with automatically operated door to conceal screen.

11 52 13 13-0127	EA	50" x 50" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	4,754.57	130.90
11 52 13 13-0128	EA	60" x 60" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	4,845.52	145.45
11 52 13 13-0129	EA	70" x 70" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	4,950.11	174.54
11 52 13 13-0130	EA	84" x 84" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,284.46	261.81
11 52 13 13-0131	EA	6' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,347.65	267.63
11 52 13 13-0132	EA	8' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,505.02	290.90
11 52 13 13-0133	EA	7' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,677.72	290.90
11 52 13 13-0134	EA	9' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,829.28	311.27
11 52 13 13-0135	EA	8' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,940.87	325.81
11 52 13 13-0136	EA	10' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,118.86	349.09
11 52 13 13-0137	EA	9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,296.72	349.09
11 52 13 13-0138	EA	12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,678.94	465.45

11 52 13 13-0139 Electric Ascending Project Screen, Matte White, Glass Beaded (Da-Lite Ascender Electrol) (11 52 13 13-0001)

Note: High contrast matte white, video spectrum or high power. Includes a motorized spring assisted scissors mechanism which raises the screen surface from the housing ensuring smooth operation. A trap door housing keeps the screen and lift mechanism hidden until the screen is activated.

11 52 13 13-0140	EA	60" x 80" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	15,289.99	290.90
11 52 13 13-0141	EA	69" x 92" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	16,346.82	349.09
11 52 13 13-0142	EA	87" x 116" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	18,979.88	523.63
11 52 13 13-0143	EA	105" x 140" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	23,896.94	698.17
11 52 13 13-0144	EA	120" x 160" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	26,480.82	814.53
11 52 13 13-0145	EA	52" x 92" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	16,230.45	290.90
11 52 13 13-0146	EA	58" x 104" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	17,723.93	349.09

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST				
11 52 13 13-0147	EA		65" x 116" Electric Ascending Projection Screen (Da-Lite Ascender Electrol).....	18,747.16	407.26	Note: Includes a motorized spring assisted scissors mechanism and trap door housing.			
11 52 13 13-0148	EA		78" x 139" Electric Ascending Projection Screen (Da-Lite Ascender Electrol).....	23,547.85	523.63	Note: Includes a motorized spring assisted scissors mechanism and trap door housing.			
11 52 13 13-0149			Electric Rear Projection Screen (Da-Lite DA-View) <small>(11 52 13 13-0001)</small>			Note: Consists of a single acrylic layer with rear Fensel lens and lenticulated front profile. Un-framed.			
11 52 13 13-0150	EA		60" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View).....	4,527.37	290.90	Note: Includes a motorized spring assisted scissors mechanism and trap door housing.			
11 52 13 13-0151	EA		67" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View).....	5,682.16	319.99	Note: Includes a motorized spring assisted scissors mechanism and trap door housing.			
11 52 13 13-0152	EA		72" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View).....	6,507.96	349.09	Note: Includes a motorized spring assisted scissors mechanism and trap door housing.			
11 52 13 13-0153	EA		84" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View).....	11,720.16	378.18	Note: Includes a motorized spring assisted scissors mechanism and trap door housing.			
11 52 13 13-0154	EA		90" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View).....	12,984.60	12,577.33	Note: Includes a motorized spring assisted scissors mechanism and trap door housing.			
11 52 13 13-0155	EA		96" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View).....	14,416.88	465.45	Note: Includes a motorized spring assisted scissors mechanism and trap door housing.			
11 52 13 13-0156	EA		100" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View).....	18,481.00	523.63	Note: Includes a motorized spring assisted scissors mechanism and trap door housing.			
11 52 13 13-0157	EA		120" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View).....	24,957.65	581.80	Note: Includes a motorized spring assisted scissors mechanism and trap door housing.			
11 52 13 13-0158	EA		125" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View).....	27,925.17	639.99	Note: Includes a motorized spring assisted scissors mechanism and trap door housing.			
11 52 13 13-0159	EA		135" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View).....	37,362.63	698.17	Note: Includes a motorized spring assisted scissors mechanism and trap door housing.			
11 52 13 13-0160			Screen Accessories <small>(11 52 13 13-0001)</small>						
11 52 13 13-0161			Manual Pull Down Accessories <small>(11 52 13 13-0160)</small>						
11 52 13 13-0162	EA		6" Mounting Bracket (Pair).....	77.92	8.73				
11 52 13 13-0163	EA		14" Wall Mounting Bracket (Pair).....	111.51	9.31				
11 52 13 13-0164	EA		14-1/2" To 24" Adjustable Wall Mounting Bracket (Pair).....	131.66	10.47				
11 52 13 13-0165			Electric Powered Screen Accessories <small>(11 52 13 13-0160)</small>						
11 52 13 13-0166	EA		Single Motor Low Voltage Remote Control System - Infrared.....	831.83					
11 52 13 13-0167	EA		Single Motor Low Voltage Remote Control System - Radio Frequency.....	1,201.30					
11 52 13 13-0168			Relocate Existing Fixed Projection Screen <small>(11 52 13 13)</small>						
11 52 13 13-0169	EA		Relocate Electric Controlled Projection Screen, Including Storage And Cleaning.....	1,711.20					
11 52 13 16			Portable Projection Screens <small>(11 52 13)</small>						
11 52 13 16-0001			Motion Picture Screen And Case <small>(11 52 13 16)</small>						
11 52 13 16-0002	SF		Screen, Riser Projection With Anodized Aluminum Frame.....	52.63	4.19				
11 52 16			Projectors <small>(11 52)</small>						
11 52 16 26			Video Projectors <small>(11 52 16)</small>						
11 52 16 26-0001			Projectors <small>(11 52 16 26)</small>						
11 52 16 26-0002	EA		2,000 Lumens Output, 800 x 600 Pixels, SVGA Compact 3LCD Panels Projector.....	1,310.67	58.18				
11 52 16 26-0003	EA		2,000 Lumens Output, 1024 x 768 Pixels, XGA Compact 3LCD Panels Projector.....	1,519.68	58.18				
11 52 16 26-0004	EA		2,000 Lumens Output, 1280 x 800 Pixels, WXGA Compact 3LCD Panels Projector.....	2,012.33	58.18				
11 52 16 26-0005	EA		3,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector.....	3,176.78	58.18				
11 52 16 26-0006	EA		3,500 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector.....	3,699.30	58.18				
11 52 16 26-0007	EA		3,000 Lumens Output, 1366 x 800 Pixels, WXGA 3LCD Panels Projector.....	4,699.53	58.18				
11 52 16 26-0008	EA		4,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector.....	7,476.31	58.18				
11 52 16 26-0009	EA		5,200 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector.....	10,133.65	58.18				
11 52 16 26-0010	EA		6,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector.....	15,045.26	58.18				
11 52 16 26-0011			Projector Mounts <small>(11 52 16 26)</small>						
11 52 16 26-0012			Universal Projector Mounts <small>(11 52 16 26-0011)</small>			Note: Includes ceiling or wall mounting hardware and hardware for attaching projector. Excludes projector.			
11 52 16 26-0013	EA		Flush Ceiling, Universal Projector Mount (Peerless PPF).....	282.75	63.98				
11 52 16 26-0014	EA		Wall Arm, Universal Projector Mount (Peerless PWA-14).....	468.08	63.98				
11 52 16 26-0015			Projector Mount Components <small>(11 52 16 26-0011)</small>			Note: Includes ceiling attachment plate, threaded extension column and projector attachment plate. Excludes projector.			
11 52 16 26-0016			Ceiling Attachment Plates For Projector Mounts <small>(11 52 16 26-0015)</small>						
11 52 16 26-0017	EA		Finished Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 570).....	102.24	29.08				
11 52 16 26-0018	EA		Truss Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 557).....	140.27	29.08				
11 52 16 26-0019	EA		I-Beam Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 558/559).....	196.57	29.08				
11 52 16 26-0020	EA		Suspended Ceiling, Attachment Plate For Projector Mounts (Peerless CMJ 455).....	243.29	29.08				

11	11 Equipment
	11 50 Educational and Scientific Equipment
	11 52 Audio-Visual Equipment



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

11 52 16 26-0021	Projector Attachment Plates For Projector Mounts <small>(11 52 16 26-0015)</small>		
11 52 16 26-0022	EA Universal Projector Attachment Plate For Projector Mounts (Peerless PRG-UNV)	363.11	29.08
11 52 16 26-0023	EA High Security Projector Enclosure For Projector Mounts (Peerless ALB)	806.52	29.08

11 52 16 26-0024	Threaded Extension Columns For Projector Mounts <small>(11 52 16 26-0015)</small>		
11 52 16 26-0025	Fixed Length, Threaded Extension Column For Projector Mounts <small>(11 52 16 26-0024)</small>		
	Note: Peerless EXT series.		
11 52 16 26-0026	EA 6" Fixed Length, Threaded Extension Column For Projector Mounts	62.02	8.72
11 52 16 26-0027	EA 12" Fixed Length, Threaded Extension Column For Projector Mounts	80.79	8.72
11 52 16 26-0028	EA 18" Fixed Length, Threaded Extension Column For Projector Mounts	87.83	8.72
11 52 16 26-0029	EA 24" Fixed Length, Threaded Extension Column For Projector Mounts	92.52	8.72
11 52 16 26-0030	EA 36" Fixed Length, Threaded Extension Column For Projector Mounts	110.06	11.63
11 52 16 26-0031	EA 48" Fixed Length, Threaded Extension Column For Projector Mounts	133.52	11.63
11 52 16 26-0032	EA 60" Fixed Length, Threaded Extension Column For Projector Mounts	171.06	11.63
11 52 16 26-0033	EA 72" Fixed Length, Threaded Extension Column For Projector Mounts	196.86	11.63
11 52 16 26-0034	EA 84" Fixed Length, Threaded Extension Column For Projector Mounts	230.83	14.54
11 52 16 26-0035	EA 96" Fixed Length, Threaded Extension Column For Projector Mounts	263.68	14.54
11 52 16 26-0036	EA 108" Fixed Length, Threaded Extension Column For Projector Mounts	292.96	17.45
11 52 16 26-0037	EA 120" Fixed Length, Threaded Extension Column For Projector Mounts	307.03	17.45

11 52 16 26-0038	Adjustable Length, Threaded Extension Columns For Projector Mounts <small>(11 52 16 26-0024)</small>		
	Note: Peerless ADJ series. Adjustable at 1" increments.		
11 52 16 26-0039	EA 6" To 9" Adjustable Length, Threaded Extension Column For Projector Mounts	127.61	14.54
11 52 16 26-0040	EA 12" To 18" Adjustable Length, Threaded Extension Column For Projector Mounts	197.99	14.54
11 52 16 26-0041	EA 18" To 24" Adjustable Length, Threaded Extension Column For Projector Mounts	202.68	14.54
11 52 16 26-0042	EA 24" To 36" Adjustable Length, Threaded Extension Column For Projector Mounts	209.72	14.54
11 52 16 26-0043	EA 36" To 60" Adjustable Length, Threaded Extension Column For Projector Mounts	227.27	17.45
11 52 16 26-0044	EA 48" To 72" Adjustable Length, Threaded Extension Column For Projector Mounts	239.00	17.45
11 52 16 26-0045	EA 60" To 84" Adjustable Length, Threaded Extension Column For Projector Mounts	264.81	17.45
11 52 16 26-0046	EA 72" To 96" Adjustable Length, Threaded Extension Column For Projector Mounts	288.26	17.45
11 52 16 26-0047	EA 84" To 108" Adjustable Length, Threaded Extension Column For Projector Mounts	319.88	20.36
11 52 16 26-0048	EA 96" To 120" Adjustable Length, Threaded Extension Column For Projector Mounts	343.34	20.36
11 52 16 26-0049	EA 108" To 132" Adjustable Length, Threaded Extension Column For Projector Mounts	374.97	23.26
11 52 16 26-0050	EA 120" To 144" Adjustable Length, Threaded Extension Column For Projector Mounts	391.39	23.26

11 53 Laboratory Equipment (11 50)

11 53 43 Service Fittings and Accessories (11 53)

11 53 43 00-0001	Outlet And Valves <small>(11 53 43)</small>		
11 53 43 00-0002	EA Medical Outlet Conversion Kit (Air, Oxygen, And Vacuum)	1,015.16	
11 53 43 00-0003	Test And Certify <small>(11 53 43)</small>		
11 53 43 00-0004	EA Test And Certify Medical Gas Port	58.06	

11 70 Healthcare Equipment (11)

11 71 Medical Sterilizing Equipment (11 70)

11 71 00 00-0001	Steam Sterilizers <small>(11 71)</small>		
11 71 00 00-0002	EA 6 Full-Size Cassette Capacity, 120 Instruments In 40 Minutes Start-To-Dry, Automated Instrument Washing Sterilizer (SciCan HYDRIM® C61w G4)	9,139.11	109.57
	Note: Water consumption per cycle = Regular Wash + Dry: 26 mins + 10 mins, Heavy Duty Wash + Dry: 30 mins + 10 mins, Rinse and Hold: 5 mins.		
11 71 00 00-0003	EA 23.6" Length x 16.1" Width x 7.5" Height, Cycle Time 9 Minutes Unwrapped, 17.5 Minutes Wrapped, 3.5" Touchscreen, Fresh Steam Distilled Water, Autoclave Sterilizer (SciCan STATIM® 5000 G4)	10,033.40	19.12
11 71 00 00-0004	EA 19.5" Length x 16.25" Width x 6" Height, Cycle Time 6 Minutes Unwrapped, 14 Minutes Wrapped, Fresh Clean Distilled Water For Each Cycle, Autoclave Sterilizer (SciCan STATIM® 2000 G4)	8,304.44	19.12
11 71 00 00-0005	EA Ultra-fast 35 Minute Cycle Start To Dry, Autoclave Sterilizer (SciCan Bravo W#JP00B0000)	10,625.28	19.12
11 71 00 00-0006	EA Ultra-fast 28 Minute Cycle Start To Dry, Tabletop Autoclave Sterilizer (SciCan Bravo MA320011)	12,876.10	19.12
11 71 00 00-0007	Steam Generator <small>(11 71)</small>		
11 71 00 00-0008	EA Steam Generator, Electric 10 KW To 180 KW	140,003.51	1,160.72

11 72 Examination and Treatment Equipment (11 70)

11 72 13 Examination Equipment (11 72)

11 72 13 00-0001	Wall Mounted Medical Furnishings <small>(11 72 13)</small>		
11 72 13 00-0002	EA 20" Wide, 15" High, 3" Deep, Aluminum Wall Mounted Folding Medical Desk	470.69	43.62
11 72 13 00-0003	EA 20" Wide, 15" High, 3" Deep, Painted Steel Wall Mounted Folding Medical Desk	491.54	43.62
11 72 13 00-0004	EA 20" Wide, 15" High, 3" Deep, Stainless Steel Wall Mounted Folding Medical Desk	554.05	43.62
11 72 13 00-0005	EA 10" Wide, 11" High, 5-3/4" Deep, Stainless Steel Wall Mounted Double Glove Box Holder	213.94	43.62
11 72 13 00-0006	EA 10" Wide, 11" High, 5-3/4" Deep, Stainless Steel Wall Mounted Quad Glove Box Holder	257.29	43.62
11 72 13 00-0007	EA 13-1/2" Wide, 10" High, 3-1/2" Deep, Locking Stainless Steel Wall Mounted Specimen Cup Retrieval Box	620.74	43.62
11 72 13 00-0008	EA 12" Wide, 12" High, 5-1/4" Deep, Stainless Steel Wall Mounted Bedpan Storage Rack	187.25	43.62

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 72 13 00-0009	EA			28" Wide, 12" High, 5-1/4" Deep, Stainless Steel Wall Mounted Double Bedpan Storage Rack	249.76	46.53
11 72 13 00-0010	EA			12" Wide, 24" High, 5-1/4" Deep, Stainless Steel Wall Mounted Vertical Double Bedpan Storage Rack	234.75	46.53
11 72 13 00-0011	EA			12-1/4" Wide, 8" High, 4-3/4" Deep, Acrylic Infection Prevention Station	195.60	43.62
				Note: Space for sanitizer, disposable masks, tissues		
11 72 13 00-0012	EA			11-1/2" Wide, 12" High, 6" Deep, Lockable Two Sides Heavy Duty Stainless Steel Narcotics Cabinet.....	883.24	58.16
11 72 13 00-0013	EA			11-1/2" Wide, 12" High, 6" Deep, Heavy Duty Stainless Steel Narcotics Cabinet	883.24	58.16
11 72 13 00-0014	EA			11-1/2" Wide, 12" High, 6" Deep, Lockable One Side, Heavy Duty Stainless Steel Pass-Thru Narcotics Cabinet.....	883.24	58.16
11 72 13 00-0015	EA			15-1/2" Wide, 6" High, 6" Deep, Acrylic Suture Rack - Single Tier - 6 Box Capacity	173.18	29.08
11 72 13 00-0016	EA			15-1/2" Wide, 12-1/4" High, 6" Deep, Acrylic Suture Rack - Single Tier - 12 Box Capacity	214.02	31.99
11 72 13 00-0017	EA			15-1/2" Wide, 18" High, 6" Deep, Acrylic Suture Rack - Single Tier - 18 Box Capacity	303.19	34.90
11 72 13 00-0018 Diagnostic Wall Board <small>(11 72 13)</small>						
11 72 13 00-0019	EA			Diagnostic Wall Board With Macroview Otoloscope, Coaxial Ophthalmoscope And Wall Transformer (Welch Allyn 77792-MNOBP)	1,838.20	58.16
11 72 13 00-0020	EA			Diagnostic Wall Board with Macroview Otoloscope, Coaxial Ophthalmoscope, Aneroid BP And Wall Transformer (Welch Allyn 77792-M)	2,064.95	58.16
11 72 13 00-0021	EA			Diagnostic Wall Board with Macroview Otoloscope, Coaxial Ophthalmoscope, Aneroid BP, Thermometry And Wall Transformer (Welch Allyn 77791-MX)	2,547.99	58.16
11 72 13 00-0022	EA			Diagnostic Wall Board with Macroview Otoloscope, Coaxial Ophthalmoscope, Aneroid BP, Thermometry, Throat Illuminator And Wall Transformer (Welch Allyn 77795-MX).....	2,757.93	58.16
11 72 13 00-0023 Sharps Containers <small>(11 72 13)</small>						
11 72 13 00-0024	EA			3 Quart, Wall Mounted, Disposable Sharps Containers.....	268.59	
				Note: The rotating cylinder top permits convenient, one-handed disposal of sharps. The rotating lid automatically drops needles and syringes in a horizontal position to maximize capacity. Lid remains closed when not in use. A built-in needle key permits the safe removal of needles when necessary.		
11 72 13 00-0025	EA			2 Gallon, Wall Mounted, Disposable Sharps Containers	347.23	
				Note: Provides open access for disposal of a variety of shapes and sizes of sharps, (i.e. needles and syringes, vials, test tubes, and glass slides). The lid features a needle key for the safe removal of needles.		
11 72 13 00-0026	EA			3 Gallon, Wall Mounted, Disposable Sharps Containers	307.04	
				Note: Has a dual-purpose lid, which allows the container to remain open for code situations or in a free-fall position for normal, one-handed operation. Lid features a needle key for safe removal of needles when necessary.		
11 72 13 00-0027	EA			1 Quart, Wall Mounted, Disposable Phlebotomy Container	494.06	
				Note: Has an opening to safely place the blood tube holder with needle while attending a patient Once full, the lids can be locked, & the container is ready for safe disposal One-quart capacity, is puncture resistant, fully disposable, may be autoclaved or incinerated for final disposal.		
11 72 13 00-0028	EA			5 Quart, Wall Mounted, Locking Sharps Disposal Cabinet	139.76	29.08
11 72 13 00-0029	EA			5 Quart, Wall Mounted, Combination Sharps Disposal And Glove Box Container.....	128.72	29.08
11 72 13 00-0030 Exam Room Supplies <small>(11 72 13)</small>						
11 72 13 00-0031	EA			Wire Glove Dispenser Box Holders, 3-1/2" x 10.4" x 12", Wall Mounted (Medline MDS193094)	48.27	
11 72 13 00-0032	EA			Wire Glove Dispenser Box Holders, 3-1/2" x 10.4" x 8", Wall Mounted (Medline MDS192094B)	49.39	
11 72 13 00-0033	EA			Wire Glove Dispenser Box Holders, 3-1/2" x 10.4" x 4", Wall Mounted (Medline MDS191094)	38.78	
11 72 13 00-0034 Medical Warming Cabinets <small>(11 72 13)</small>						
11 72 13 00-0035	EA			9.02 CF, Warming Cabinet With Single Glass Door (Blickman 7922TG).....	8,797.71	54.83
11 72 13 00-0036	EA			22.02 CF, Warming Cabinet With Single Stainless Steel Door (Blickman 791TS).....	10,705.07	54.83
11 72 13 00-0037 Surgical Tables <small>(11 72 13)</small>						
11 72 13 00-0038	EA			79" Length x 20" Width, 1,000 Lbs. Weight Capacity, Self-leveling, Four Point Brake System, Manually-operated Head Section, General Surgical Table (Skytron 3500HD).....	22,727.36	109.57
11 72 13 00-0039	EA			81.6" Length x 20" Width, 1,200 Lbs. Weight Capacity, 600 Lbs. Full Articulation, Reverse Orientation, General Surgical Table (Steris Amsco 5085 5085)	57,740.04	109.57
11 72 13 00-0040	EA			87.165" Length x 27.5" Width, 400 Lbs. Anatomic Position Weight Capacity, 300 Lbs. Reverse Orientation, OrthoVision Surgical Table (Steris Amsco OrthoVision).....	21,060.10	109.57
11 72 13 00-0041	EA			79" Length x 19.75" Width, 1,000 Lbs. Articulate Capacity, 1,200 Lbs. Lift Capacity, AC Or Battery Power Operation, General Surgical Table (Skytron 6701).....	41,892.63	109.57
11 72 13 00-0042 Examination Tables <small>(11 72 13)</small>						
11 72 13 00-0043	EA			58" Length x 28-1/2" Width x 31" Height, 400 Lbs., Plywood And Laminate Frame, Family Practice Exam Table (Clinton 8870)	1,838.33	82.19
11 72 13 00-0044	EA			72" Length x 24" Width x 30" Height, 300 Lbs. Weight Capacity, 3-Section, Drawer And Sliding Doors, Wooden Exam Table With Enclosed Cabinet (FEI 15-1073)	1,788.31	82.19
11 72 13 00-0045	EA			110 Volt, 76" Length x 27" Width x 18-35" Height, 450 Lbs. Weight Capacity, Open Base Power Table With Adjustable Backrest And Drop Section (Clinton 80330)	3,780.70	82.19
11 72 13 00-0046	EA			72" Length x 27" Width x 18-35" Height, Open Base Power Table With Adjustable Backrest (Clinton 80200).....	3,455.58	82.19
11 72 13 00-0047	EA			72" Length x 27" Width x 18-35" Height, Open Base Power Imaging Table With Drop Window (Clinton 85100)	4,814.41	82.19
11 72 13 00-0048	EA			76" Length x 27" Width x 21-1/2-37-1/2" Height, General Power Ultrasound Table With 3-Section Top (Clinton 80063)	7,518.72	82.19
11 72 13 00-0049 Specimen Pass Through Cabinet <small>(11 72 13)</small>						
11 72 13 00-0050	EA			11-1/4" x 10-9/16" x 6", 22 Gauge Stainless Steel, Specimen Pass Through Cabinet (Bobrick B-505).....	609.26	38.73
11 72 13 00-0051	EA			13-1/2" x 13-1/2" x 7", 304 Stainless Steel, Heavy Duty Recess Mounted Interlocking Pass Through Cabinet (Bobrick B-50516).....	781.31	38.73
11 72 13 00-0052	EA			13-1/2" x 13-1/2" x 11", 304 Stainless Steel, Heavy Duty Recess Mounted Interlocking Pass Through Cabinet (Bobrick B-50517).....	865.43	38.73

11 Equipment
11 70 Healthcare Equipment
11 72 Examination and Treatment Equipment

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

11 72 63 Refrigerated Healthcare Storage Equipment (11 72)

11 72 63 00-0001 Healthcare Pharmaceutical Refrigerators (11 72 63)

11 72 63 00-0002	EA	24" Width x 24.5" Depth x 33.375" Height, 1 Degree Celsius Temperature Range, Counter Height, Pharmaceutical Refrigerator (American Bio Tech Supply PH-ABT-HC-UCBI-0404SS).....	1,661.05	20.55
11 72 63 00-0003	EA	17.75" Width x 19.5" Depth x 28 7/8" Height, 2 To 8 Degrees Celsius Temperature Range, Vaccine Undercounter, Pharmaceutical Refrigerator (ABS Premier PH-ABT-HC-UCFS-0204G).....	1,637.12	20.55
11 72 63 00-0004	EA	17.5" Width x 19.75" Depth x 21.5" Height, 2 To 8 Degrees Celsius Temperature Range, Vaccine Undercounter, Pharmaceutical Refrigerator (Accucold ARG1PVDL2B).....	1,571.16	20.55
11 72 63 00-0005	EA	17 3/4" Width x 19.5" Depth x 28 7/8" Height, 1 To 10 Degrees Celsius Temperature Range, Solid Door, Undercounter Pharmaceutical Refrigerator (LabRepCo LHP-3-UR Futura).....	1,515.03	20.55
11 72 63 00-0006	EA	17 3/4" Width x 22 3/4" Depth x 30 3/4" Height, 2 To 8 Degrees Celsius Temperature Range, Solid Door, Undercounter Pharmaceutical Refrigerator (American Biotech PH-ABT-HC-UCBI-0204).....	1,443.11	20.55
11 72 63 00-0007	EA	27" Width x 31 1/4" Depth x 83 1/4" Height, 31 To 41 Degrees Fahrenheit Temperature Range, Glass Door, Upright Pharmaceutical Refrigerator (Arctic Air AGR23).....	2,356.07	46.93
11 72 63 00-0008	EA	27" Width x 31 5/8" Depth x 78 1/4" Height, Negative 1 To Plus 10 Degrees Celsius Temperature Range, Glass Door, Laboratory, Pharmaceutical Refrigerator (ABS Premier ABT-HCPP-23G).....	9,381.97	46.93
11 72 63 00-0009	EA	29" Width x 32 1/4" Depth x 82 1/2" Height, 33 To 40 Degrees Fahrenheit Temperature Range, Glass Door, Reach-In Pharmaceutical Refrigerator (Avantco A-23R-G-HC).....	2,226.73	46.93
11 72 63 00-0010	EA	26.8" Width x 32.7" Depth x 82.3" Height, 33 To 41 Degrees Fahrenheit Temperature Range, Glass Door, Reach-In Pharmaceutical Refrigerator (Empura E-KB27RG).....	2,290.98	46.93
11 72 63 00-0011	EA	26-1/2" Width x 35-1/2" Depth x 83" Height, 25 CF, 4 Degrees Celsius, Hinged Glass Door, Laboratory Refrigerator (TempPure Scientific LP-22HG-TP).....	7,179.91	93.95

11 72 63 00-0012 Healthcare Blood Bank Refrigerators (11 72 63)

11 72 63 00-0013	EA	25 CF, 4 Degree C Hinged Glass Door, Blood Bank Refrigerator (TempPure Scientific).....	13,146.27	93.95
11 72 63 00-0014	EA	50 CF, 4 Degree C Hinged Glass Doors, Blood Bank Refrigerator (TempPure Scientific).....	18,970.48	131.51
11 72 63 00-0015	EA	78 CF, 4 Degree C Three Hinged Glass Doors, Blood Bank Refrigerator (TempPure Scientific).....	25,049.36	131.51
11 72 63 00-0016	EA	4.3 CF, 2 To 8 Degrees Celsius, Blood Bank Undercounter Refrigerator With One Locking Solid Door (TempPure Scientific).....	5,854.83	20.55
11 72 63 00-0017	EA	Negative 15 To Negative 25 Degrees Celsius, Blood Bank Undercounter Refrigerator (ABS Premier ABT-HC-UCBI-0420SS).....	1,593.02	20.55

11 72 63 00-0018 Healthcare Medical Freezers (11 72 63)

11 72 63 00-0019	EA	78" Height x 28.3" Width x 38.5" Depth, Negative 50 To Negative 86 Degrees Celsius Temperature Range, Medical Freezer (Hogentogler RDE40086LA).....	20,338.76	23.51
11 72 63 00-0020	EA	26.75" Width x 32.75" Depth x 82.75" Height, Low To Negative 10 Degrees Fahrenheit Temperature Range, Medical Freezer (Arctic Air AF23).....	2,115.03	23.51
11 72 63 00-0021	EA	Negative 20 To Negative 30 Degrees Celsius, Medical Freezer (Accucold VT65).....	1,774.22	20.55

11 72 63 00-0022 Healthcare Vaccine Freezers (11 72 63)

11 72 63 00-0023	EA	17-1/2" Width x 19-3/4" Depth x 21-1/2" Height, 2 To 8 Degrees Celsius Temperature Range, Compact Vaccine Refrigeration Freezer (Accucold ARG1PV).....	1,087.43	20.55
11 72 63 00-0024	EA	17-1/2" Width x 19-3/4" Depth x 21-1/2" Height, 2 To 8 Degrees Celsius Temperature Range, Compact Vaccine Refrigeration Freezer (Accucold ARG1PVDL2B).....	1,571.16	20.55
11 72 63 00-0025	EA	23.38" Width x 24.5" Depth x 50" Height, 2 To 8 Degrees Celsius Temperature Range, Upright Vaccine Refrigeration Freezer (Accucold ARG8PV).....	1,551.77	23.51
11 72 63 00-0026	EA	21-5/8" Width x 21-5/8" Depth, 33 To 40 Degrees Fahrenheit Temperature Range, Upright Vaccine Refrigeration Freezer (Avantco GDC-10-HC).....	1,209.67	23.51
11 72 63 00-0027	EA	23.38" Width x 24.5" Depth x 50" Height, 2 To 8 Degrees Celsius Temperature Range, Solid Door, Upright Vaccine Refrigeration Freezer (Accucold ARS8PV).....	1,467.70	23.51
11 72 63 00-0028	EA	20.1" Width x 20.9" Depth x 25.8" Height, 2 To 8 Degrees Celsius Temperature Range, Stacked, Combination Pharmaceutical-Vaccine Refrigeration Freezer (K2 Scientific K202GDR).....	1,139.17	20.55
11 72 63 00-0029	EA	18-1/2" Width x 20" Depth x 34" Height, 2 To 8 Degrees Celsius Temperature Range, Counter Height Pharmaceutical-Vaccine Refrigeration Freezer (Accucold ARS3PV).....	1,075.15	20.55
11 72 63 00-0030	EA	23-3/42" Width x 24" Depth x 20-3/8" Height, 5 To Negative 13 Degrees Fahrenheit Temperature Range, Vaccine Refrigeration Freezer (CliniCool LHP-1-FA-PH).....	3,026.81	20.55
11 72 63 00-0031	EA	23-3/4" Width x 24" Depth x 20-3/4" Height, 5 To Negative 13 Degrees Fahrenheit Temperature Range, Solid Swing Door, Vaccine Refrigeration Freezer (CliniCool LHP-2-FM-PH).....	1,490.97	20.55

11 73 Patient Care Equipment (11 70)

11 73 23 Patient Lift (11 73)

11 73 23 00-0001 Ceiling Patient Lift (11 73 23)

11 73 23 00-0002	EA	Maxi Sky 600 Fixed 4 Function Ceiling Patient Lift.....	13,318.42	
Note: Maxi Sky 600 cassette with 600 pound weight capacity. Includes 2 point hanger bar, hardware (x-y 3 meter x 4.5 meter 8 anchors xy 4.5), powered raise and lower as well as powered traverse on track. Maxi sky supports clinically activated return to charge, programmable automatic return.				

11 73 23 00-0003 Ceiling Patient Lift System (11 73 23)

Note: Guldmann				
11 73 23 00-0004	EA	GH2 HD AC UL Ceiling Mounted Hoist, 550 LB Weight Capacity, With Hand Control.....	12,714.52	1,002.12
11 73 23 00-0005	EA	550 LB Weight Capacity Hanging Bar GH2 Standard Snap Hook.....	711.80	
11 73 23 00-0006	EA	550 LB Weight Capacity Traverse Traveling Trolley Room Covering System.....	841.59	139.18
11 73 23 00-0007	EA	GH2 HD Twin Strap Ceiling Mounted Hoist, 1,000 LB Weight Capacity, With Hand Control.....	17,995.65	1,391.84
11 73 23 00-0008	EA	1,000 LB Weight Capacity Hanging Bar.....	6,347.13	
11 73 23 00-0009	EA	1,000 LB Weight Capacity Traverse Traveling Trolley Room Covering System.....	1,917.94	306.21
11 73 23 00-0010	LF	Aluminum Midi Rail.....	356.43	33.41
11 73 23 00-0011	EA	Wire For Charging Liner.....	134.48	
11 73 23 00-0012	LF	Charging Liner For Midi Rail.....	148.58	

	Equipment	11
	Healthcare Equipment	11 70
	Patient Care Equipment	11 73

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 73 23 00-0013	EA		End Stops	65.97	
11 73 23 00-0014	EA		Standard Ceiling Brackets	205.44	33.41
11 73 23 00-0015	EA		Charging Kit For Room-Covering System With Midi Rails	395.74	
11 73 23 00-0016	EA		Lock For Charging Liner	80.62	
11 73 23 00-0017	EA		Cover Plate For Midi Rail	7.89	
11 73 23 00-0018	EA		Rosette White	4.48	
11 73 23 00-0019	EA		Aluminum Pipe 2M Profile	198.92	
11 73 23 00-0020	EA		Repositioning Sling Gold, 3 Slings Per System	330.08	
11 73 23 00-0021	EA		Uni D M/L High Black - 550 LB Capacity Sling, 2 Slings Per System	181.28	
11 73 23 00-0022	EA		Uni D L/XL High Black - 550 LB Capacity Sling, 2 Slings Per System	181.28	
11 73 23 00-0023	EA		Disposable Limb Lifter, 2 Slings Per System	86.16	
11 73 23 00-0024	EA		Disposable Turner Sling, 1 Sling Per System	212.84	

11 78 Mortuary Equipment ^(11 70)

11 78 13 Mortuary Refrigerators ^(11 78)

11 78 13 00-0001 Healthcare Mortuary Coolers ^(11 78 13)

11 78 13 00-0002	EA		6' 8 1/2" Width x 2' 8 1/2" Depth x 5' 2" Height, One Body Economy, Mortuary Equipment Morgue Cooler (American Mortuary Coolers & Equipment Model #1BR)	8,163.79	876.79
11 78 13 00-0003	EA		7'3" Depth x 3" Width x 5'2" Height, Three Body Oversized, Mortuary Equipment Morgue Cooler (American Mortuary Coolers & Equipment Model #3BX)	11,565.21	876.79
11 78 13 00-0004	EA		7' 3" Depth x 3' 6 3/4" Width x 6'8" Height, Four Body Oversized, Mortuary Equipment Morgue Cooler (American Mortuary Coolers & Equipment Model #4BX)	12,600.27	1,315.14
11 78 13 00-0005	EA		10' Length x 8' Width x 7' 6 1/2" Height, Walk-in, Mortuary Equipment Morgue Cooler (American Mortuary Coolers & Equipment Model #0810)	14,526.53	1,315.14
11 78 13 00-0006	EA		10' Length x 10' Width x 7' 6 1/2" Height, Walk-in, Mortuary Equipment Morgue Cooler (American Mortuary Coolers & Equipment Model #1010)	16,764.59	1,315.14
11 78 13 00-0007	EA		10' Length x 15' Width x 7' 6 1/2" Height, Walk-in, Mortuary Equipment Morgue Cooler (American Mortuary Coolers & Equipment Model #1015)	21,761.16	2,630.28
11 78 13 00-0008	EA		20' Length x 20' Width, Walk-in, Mortuary Equipment Morgue Cooler (American Mortuary Coolers & Equipment Model #2020)	30,900.19	2,630.28
11 78 13 00-0009	EA		8' 1" Width x 7' 4" Depth x 5' Height, Triple Cot, Roll-in, Mortuary Equipment Morgue Cooler (American Mortuary Coolers & Equipment Model #TR3)	13,306.20	1,315.14

11 80 Facility Maintenance and Operation Equipment ⁽¹¹⁾

11 81 Maintenance Equipment ^(11 80)

11 81 29 Facility Fall Protection ^(11 81)

11 81 29 00-0001 Safety And Tie-Back Anchors ^(11 81 29)

Note: One cut sheet charge required per manufacturer order. Excludes flashing and testing by engineer after installation. See CSI section 01 22 20 00-0045 for engineering testing and inspection.

11 81 29 00-0002 Roof Mounted, Safety And Tie-Back Anchors ^(11 81 29 00-0001)

Note: Includes up to 10" high, 0.216" thick hollow structural section tube, 1018 steel forged pad eye, 8" x 8" x 1/2" base plate and hot-dipped galvanized finish.

11 81 29 00-0003	EA		Up To 10" High, 0.216" Thick, Hollow Structural Section Tube, 1018 Steel Forged Pad Eye, 8" x 8" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Mechanically Fastened, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor)	768.08	87.27
			Note: Includes drilling in concrete, anchor bolts and bottom plate or plates.		
			For Stainless Steel Pad Eye, Add	40.00	
			For Foam Insulation Filled HSS Tube, Add	10.00	
11 81 29 00-0004	EA		Up To 10" High, 0.216" Thick, Hollow Structural Section Tube, 1018 Steel Forged Pad Eye, 8" x 8" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Epoxy Fastened, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor)	657.33	87.27
			Note: Includes drilling in concrete and adhesive anchor systems.		
			For Stainless Steel Pad Eye, Add	40.00	
			For Foam Insulation Filled HSS Tube, Add	10.00	
11 81 29 00-0005	EA		Up To 10" High, 0.216" Thick, Hollow Structural Section Tube, 1018 Steel Forged Pad Eye, 8" x 8" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Welded In Place, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor)	473.04	78.17
			For Stainless Steel Pad Eye, Add	40.00	
			For Foam Insulation Filled HSS Tube, Add	10.00	

11 81 29 00-0006 Wall Mounted, Safety And Tie-Back Anchor ^(11 81 29 00-0001)

Note: Includes 1018 steel forged pad eye, 10" x 4" x 1/2" base plate and hot-dipped galvanized finish.

11 81 29 00-0007	EA		Steel Forged Pad Eye (1018), 10" x 4" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Mechanically Fastened, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor)	541.92	87.27
			Note: Includes drilling in concrete, anchor bolts and bottom plate or plates.		
			For Stainless Steel Pad Eye, Add	40.00	
11 81 29 00-0008	EA		Steel Forged Pad Eye (1018), 10" x 4" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Epoxy Fastened, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor)	487.47	87.27
			Note: Includes drilling in concrete and adhesive anchor systems.		
			For Stainless Steel Pad Eye, Add	40.00	
11 81 29 00-0009	EA		Steel Forged Pad Eye (1018), 10" x 4" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Welded In Place, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor)	414.39	78.17
			For Stainless Steel Pad Eye, Add	40.00	

11 81 29 00-0010 Safety And Tie-Back Anchor Accessories ^(11 81 29 00-0001)

11 81 29 00-0011	EA		Mandatory Cut Sheets For Safety And Tie-Back Anchors (Summit Anchor)	426.54	
			Note: One cut sheet required per order.		

11 Equipment**11 80 Facility Maintenance and Operation Equipment****11 82 Facility Solid Waste Handling Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
11 82 Facility Solid Waste Handling Equipment (11 80)**11 82 19 Packaged Incinerators** (11 82)**11 82 19 00-0001 Electric Incinerator** (11 82 19)

11 82 19 00-0002	EA	Electric Package Incinerator, 100 LB/Hour	42,698.20	995.81
11 82 19 00-0003	EA	Electric Package Incinerator, 400 LB/Hour	87,381.84	1,991.63
11 82 19 00-0004	EA	Electric Package Incinerator, 1,000 LB/Hour	296,704.29	2,987.44

11 82 26 Facility Waste Compactors (11 82)**11 82 26 00-0001 Waste Compactors** (11 82 26)**11 82 26 00-0002 110 Volt Compactors** (11 82 26 00-0001)

11 82 26 00-0003	EA	Waste Compactor, 110 Volt At 75 LB/Hour.....	23,254.19	526.80
11 82 26 00-0004	EA	Waste Compactor, 110 Volt At 250 LB/Hour.....	29,001.90	1,264.31

11 82 26 00-0005 230 Volt Compactors (11 82 26 00-0001)

11 82 26 00-0006	EA	Waste Compactor, 230 Volt At 600 LB/Hour Hand Fed.....	28,746.89	1,685.75
11 82 26 00-0007	EA	Waste Compactor, 230 Volt At 600 LB/Hour Chute Fed.....	32,266.02	2,212.54

11 82 26 00-0008 Trash Compactors (11 82 26)

11 82 26 00-0009	EA	Trash Compactor, Small	4,629.27	293.42
11 82 26 00-0010	EA	Trash Compactor, Large.....	5,723.89	332.05

END OF SECTION 11

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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12 Furnishings

12 01 Operation and Maintenance of Furnishings ⁽¹²⁾

12 01 60 Operation and Maintenance of Multiple Seating ^(12 01)

12 01 60 00-0001	Repair Fixed Auditorium Seating ^(12 01 60)		
12 01 60 00-0002	EA Removal And Replacement Of Hardwood/Plywood Auditorium Seat Part.....	188.97	
12 01 60 00-0003	EA Removal And Replacement Of Auditorium Seat Armrest Part.....	87.42	
12 01 60 00-0004	EA Removal And Replacement Of End Armrest Part.....	122.39	
12 01 60 00-0005	EA Removal And Replacement Of Auditorium Seat Kick Plate Part.....	141.94	
12 01 60 00-0006	EA Removal And Replacement Of Auditorium Seat Long Back Part.....	229.88	
12 01 60 00-0007	EA Removal And Replacement Of Auditorium Seat Center Standard Part.....	185.58	
12 01 60 00-0008	EA Removal And Replacement Of Auditorium Seat Back Bracket Part.....	68.38	
12 01 60 00-0009	EA Removal And Replacement Of Auditorium Seat Bracket Part.....	72.73	
12 01 60 00-0010	EA Secure Seat To Floor.....	69.32	
12 01 60 00-0011	EA Removal And Reinstallation Of Existing Auditorium Seat In Concrete Floor.....	73.12	
	Note: Includes drilling and fasteners. For Epoxy Anchoring, Add		24.52

12 20 Window Treatments ⁽¹²⁾

12 21 Window Blinds ^(12 20)

12 21 13 Horizontal Louver Blinds ^(12 21)

Note: Includes headrail, brackets, cords and all hardware.

12 21 13 13 Metal Horizontal Louver Blinds ^(12 21 13)

12 21 13 13-0001 Aluminum Horizontal Louver Blinds ^(12 21 13 13)

12 21 13 13-0002	SF 1/2" x 0.006" Slats, Aluminum Horizontal Louver Blinds.....	11.57	0.95
12 21 13 13-0003	SF 1" x 0.006" Slats, Aluminum Horizontal Louver Blinds.....	9.48	0.95
12 21 13 13-0004	SF 1" x 0.008" Slats, Aluminum Horizontal Louver Blinds.....	10.28	0.95
12 21 13 13-0005	SF 2" x 0.008" Slats, Aluminum Horizontal Louver Blinds.....	11.89	0.95

12 21 13 33 Plastic Horizontal Louver Blinds ^(12 21 13)

12 21 13 33-0001 Vinyl Horizontal Louver Blinds ^(12 21 13 33)

12 21 13 33-0002	SF 1" Slats, Vinyl Horizontal Louver Blinds.....	9.80	0.95
12 21 13 33-0003	SF 2" Slats, Vinyl Horizontal Louver Blinds.....	11.33	0.95

12 21 16 Vertical Louver Blinds ^(12 21)

Note: Includes headrail, brackets, cords and all hardware.

12 21 16 13 Metal Vertical Louver Blinds ^(12 21 16)

12 21 16 13-0001 Aluminum Vertical Louver Blinds ^(12 21 16 13)

12 21 16 13-0002	SF 3-1/2" x 0.008" Slats, Aluminum Vertical Louver Blinds.....	13.51	2.02
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12 21 16 33 Plastic Vertical Louver Blinds ^(12 21 16)

12 21 16 33-0001 Vinyl Vertical Louver Blinds ^(12 21 16 33)

12 21 16 33-0002	SF 2" Slats, Vinyl Vertical Louver Blinds.....	8.76	2.02
12 21 16 33-0003	SF 3-1/2" Slats, Vinyl Vertical Louver Blinds.....	12.22	2.02

12 22 Curtains and Drapes ^(12 20)

12 22 13 Draperies ^(12 22)

12 22 13 00-0001 Lined Draperies ^(12 22 13)

Note: Width dimensions are the panel width at top excluding returns and overlaps.

12 22 13 00-0002 Up To 48" Wide Lined Draperies ^(12 22 13 00-0001)

12 22 13 00-0003	EA Up To 39" Long, Up To 48" Wide Lined Draperies.....	336.46	14.55
12 22 13 00-0004	EA >39" To 63" Long, Up To 48" Wide Lined Draperies.....	350.27	14.55
12 22 13 00-0005	EA >63" To 72" Long, Up To 48" Wide Lined Draperies.....	372.72	14.55
12 22 13 00-0006	EA >72" To 81" Long, Up To 48" Wide Lined Draperies.....	381.36	14.55
12 22 13 00-0007	EA >81" To 90" Long, Up To 48" Wide Lined Draperies.....	402.08	14.55
12 22 13 00-0008	EA >90" To 99" Long, Up To 48" Wide Lined Draperies.....	429.71	14.55
12 22 13 00-0009	EA >99" To 108" Long, Up To 48" Wide Lined Draperies.....	446.97	14.55
12 22 13 00-0010	EA >108" To 120" Long, Up To 48" Wide Lined Draperies.....	471.15	14.55
12 22 13 00-0011	EA >120" To 130" Long, Up To 48" Wide Lined Draperies.....	509.14	14.55

12 22 13 00-0012 >48" To 72" Wide Lined Draperies ^(12 22 13 00-0001)

12 22 13 00-0013	EA Up To 39" Long, >48" To 72" Wide Lined Draperies.....	488.53	19.78
12 22 13 00-0014	EA >39" To 63" Long, >48" To 72" Wide Lined Draperies.....	519.61	19.78
12 22 13 00-0015	EA >63" To 72" Long, >48" To 72" Wide Lined Draperies.....	543.78	19.78
12 22 13 00-0016	EA >72" To 81" Long, >48" To 72" Wide Lined Draperies.....	564.50	19.78

12 Furnishings
12 20 Window Treatments
12 22 Curtains and Drapes

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

12 22 13 00-0017	EA	>81" To 90" Long, >48" To 72" Wide Lined Draperies	612.85	19.78
12 22 13 00-0018	EA	>90" To 99" Long, >48" To 72" Wide Lined Draperies	637.03	19.78
12 22 13 00-0019	EA	>99" To 108" Long, >48" To 72" Wide Lined Draperies	657.75	19.78
12 22 13 00-0020	EA	>108" To 120" Long, >48" To 72" Wide Lined Draperies	702.65	19.78
12 22 13 00-0021	EA	>120" To 130" Long, >48" To 72" Wide Lined Draperies	751.00	19.78

12 22 13 00-0022 >72" To 96" Wide Lined Draperies (12 22 13 00-0001)

12 22 13 00-0023	EA	Up To 39" Long, >72" To 96" Wide Lined Draperies	647.50	25.02
12 22 13 00-0024	EA	>39" To 63" Long, >72" To 96" Wide Lined Draperies	692.40	25.02
12 22 13 00-0025	EA	>63" To 72" Long, >72" To 96" Wide Lined Draperies	713.12	25.02
12 22 13 00-0026	EA	>72" To 81" Long, >72" To 96" Wide Lined Draperies	761.47	25.02
12 22 13 00-0027	EA	>81" To 90" Long, >72" To 96" Wide Lined Draperies	806.36	25.02
12 22 13 00-0028	EA	>90" To 99" Long, >72" To 96" Wide Lined Draperies	851.26	25.02
12 22 13 00-0029	EA	>99" To 108" Long, >72" To 96" Wide Lined Draperies	875.44	25.02
12 22 13 00-0030	EA	>108" To 120" Long, >72" To 96" Wide Lined Draperies	923.78	25.02
12 22 13 00-0031	EA	>120" To 130" Long, >72" To 96" Wide Lined Draperies	989.40	25.02

12 22 13 00-0032 >96" To 120" Wide Lined Draperies (12 22 13 00-0001)

12 22 13 00-0033	EA	Up To 39" Long, >96" To 120" Wide Lined Draperies	816.84	30.25
12 22 13 00-0034	EA	>39" To 63" Long, >96" To 120" Wide Lined Draperies	861.74	30.25
12 22 13 00-0035	EA	>63" To 72" Long, >96" To 120" Wide Lined Draperies	885.92	30.25
12 22 13 00-0036	EA	>72" To 81" Long, >96" To 120" Wide Lined Draperies	954.99	30.25
12 22 13 00-0037	EA	>81" To 90" Long, >96" To 120" Wide Lined Draperies	999.88	30.25
12 22 13 00-0038	EA	>90" To 99" Long, >96" To 120" Wide Lined Draperies	1,048.23	30.25
12 22 13 00-0039	EA	>99" To 108" Long, >96" To 120" Wide Lined Draperies	1,404.97	30.25
12 22 13 00-0040	EA	>108" To 120" Long, >96" To 120" Wide Lined Draperies	1,165.66	30.25
12 22 13 00-0041	EA	>120" To 130" Long, >96" To 120" Wide Lined Draperies	1,200.19	30.25

12 22 13 00-0042 >120" To 144" Wide Lined Draperies (12 22 13 00-0001)

12 22 13 00-0043	EA	Up To 39" Long, >120" To 144" Wide Lined Draperies	965.46	35.49
12 22 13 00-0044	EA	>39" To 63" Long, >120" To 144" Wide Lined Draperies	1,031.07	35.49
12 22 13 00-0045	EA	>63" To 72" Long, >120" To 144" Wide Lined Draperies	1,055.25	35.49
12 22 13 00-0046	EA	>72" To 81" Long, >120" To 144" Wide Lined Draperies	1,124.32	35.49
12 22 13 00-0047	EA	>81" To 90" Long, >120" To 144" Wide Lined Draperies	1,193.39	35.49
12 22 13 00-0048	EA	>90" To 99" Long, >120" To 144" Wide Lined Draperies	1,262.47	35.49
12 22 13 00-0049	EA	>99" To 108" Long, >120" To 144" Wide Lined Draperies	1,331.53	35.49
12 22 13 00-0050	EA	>108" To 120" Long, >120" To 144" Wide Lined Draperies	1,400.61	35.49
12 22 13 00-0051	EA	>120" To 130" Long, >120" To 144" Wide Lined Draperies	1,486.95	35.49

12 22 13 00-0052 >144" To 168" Wide Lined Draperies (12 22 13 00-0001)

12 22 13 00-0053	EA	Up To 39" Long, >144" To 168" Wide Lined Draperies	1,134.79	40.73
12 22 13 00-0054	EA	>39" To 63" Long, >144" To 168" Wide Lined Draperies	1,203.86	40.73
12 22 13 00-0055	EA	>63" To 72" Long, >144" To 168" Wide Lined Draperies	1,255.67	40.73
12 22 13 00-0056	EA	>72" To 81" Long, >144" To 168" Wide Lined Draperies	1,324.74	40.73
12 22 13 00-0057	EA	>81" To 90" Long, >144" To 168" Wide Lined Draperies	1,393.81	40.73
12 22 13 00-0058	EA	>90" To 99" Long, >144" To 168" Wide Lined Draperies	1,480.15	40.73
12 22 13 00-0059	EA	>99" To 108" Long, >144" To 168" Wide Lined Draperies	1,549.22	40.73
12 22 13 00-0060	EA	>108" To 120" Long, >144" To 168" Wide Lined Draperies	1,618.29	40.73
12 22 13 00-0061	EA	>120" To 130" Long, >144" To 168" Wide Lined Draperies	1,739.17	40.73

12 22 13 00-0062 >168" To 192" Wide Lined Draperies (12 22 13 00-0001)

12 22 13 00-0063	EA	Up To 39" Long, >168" To 192" Wide Lined Draperies	1,283.42	45.96
12 22 13 00-0064	EA	>39" To 63" Long, >168" To 192" Wide Lined Draperies	1,369.76	45.96
12 22 13 00-0065	EA	>63" To 72" Long, >168" To 192" Wide Lined Draperies	1,421.56	45.96
12 22 13 00-0066	EA	>72" To 81" Long, >168" To 192" Wide Lined Draperies	1,507.90	45.96
12 22 13 00-0067	EA	>81" To 90" Long, >168" To 192" Wide Lined Draperies	1,576.97	45.96
12 22 13 00-0068	EA	>90" To 99" Long, >168" To 192" Wide Lined Draperies	1,663.31	45.96
12 22 13 00-0069	EA	>99" To 108" Long, >168" To 192" Wide Lined Draperies	1,801.45	45.96
12 22 13 00-0070	EA	>108" To 120" Long, >168" To 192" Wide Lined Draperies	1,853.26	45.96
12 22 13 00-0071	EA	>120" To 130" Long, >168" To 192" Wide Lined Draperies	1,974.13	45.96

12 22 13 00-0072 >192" To 216" Wide Lined Draperies (12 22 13 00-0001)

12 22 13 00-0073	EA	Up To 39" Long, >192" To 216" Wide Lined Draperies	1,449.29	51.20
12 22 13 00-0074	EA	>39" To 63" Long, >192" To 216" Wide Lined Draperies	1,518.37	51.20
12 22 13 00-0075	EA	>63" To 72" Long, >192" To 216" Wide Lined Draperies	1,587.44	51.20
12 22 13 00-0076	EA	>72" To 81" Long, >192" To 216" Wide Lined Draperies	1,691.04	51.20
12 22 13 00-0077	EA	>81" To 90" Long, >192" To 216" Wide Lined Draperies	1,794.65	51.20
12 22 13 00-0078	EA	>90" To 99" Long, >192" To 216" Wide Lined Draperies	1,898.26	51.20
12 22 13 00-0079	EA	>99" To 108" Long, >192" To 216" Wide Lined Draperies	1,984.60	51.20
12 22 13 00-0080	EA	>108" To 120" Long, >192" To 216" Wide Lined Draperies	2,070.94	51.20
12 22 13 00-0081	EA	>120" To 130" Long, >192" To 216" Wide Lined Draperies	2,226.35	51.20

12 22 13 00-0082 >216" To 240" Wide Lined Draperies (12 22 13 00-0001)

12 22 13 00-0083	EA	Up To 39" Long, >216" To 240" Wide Lined Draperies	1,597.91	56.43
12 22 13 00-0084	EA	>39" To 63" Long, >216" To 240" Wide Lined Draperies	1,718.79	56.43
12 22 13 00-0085	EA	>63" To 72" Long, >216" To 240" Wide Lined Draperies	1,770.59	56.43
12 22 13 00-0086	EA	>72" To 81" Long, >216" To 240" Wide Lined Draperies	1,874.20	56.43

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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12 22 13 00-0087	EA		>81" To 90" Long, >216" To 240" Wide Lined Draperies.....	1,995.07	56.43
12 22 13 00-0088	EA		>90" To 99" Long, >216" To 240" Wide Lined Draperies.....	2,098.68	56.43
12 22 13 00-0089	EA		>99" To 108" Long, >216" To 240" Wide Lined Draperies.....	2,202.29	56.43
12 22 13 00-0090	EA		>108" To 120" Long, >216" To 240" Wide Lined Draperies.....	2,305.89	56.43
12 22 13 00-0091	EA		>120" To 130" Long, >216" To 240" Wide Lined Draperies.....	2,478.57	56.43

12 22 16 Drapery Track and Accessories (12 22)

12 22 16 00-0001			Metal Wall Or Ceiling Mount Drapery Tracks (12 22 16)		
12 22 16 00-0002			Basic Traverse Rod (12 22 16 00-0001)		
12 22 16 00-0003	EA		Traverse Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track.....	141.51	45.39
12 22 16 00-0004	EA		Traverse Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track.....	168.26	45.39
12 22 16 00-0005	EA		Traverse Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track.....	201.20	50.44
12 22 16 00-0006	EA		Traverse Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track.....	284.74	50.44
12 22 16 00-0007	EA		Traverse Rod, 165" To 312" Extension Metal Wall Or Ceiling Mounted Track.....	294.07	55.48
12 22 16 00-0008			Traverse Rod With Stationary Curtain Rod (12 22 16 00-0001)		
12 22 16 00-0009	EA		Tray And Curtain Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track.....	167.14	45.39
12 22 16 00-0010	EA		Tray And Curtain Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track.....	184.42	45.39
12 22 16 00-0011	EA		Tray And Curtain Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track.....	241.88	50.44
12 22 16 00-0012	EA		Tray And Curtain Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track.....	277.90	55.48
12 22 16 00-0013			Double Traverse Rod (12 22 16 00-0001)		
12 22 16 00-0014	EA		Double Traverse Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track.....	211.17	45.39
12 22 16 00-0015	EA		Double Traverse Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track.....	263.56	45.39
12 22 16 00-0016	EA		Double Traverse Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track.....	333.57	50.44
12 22 16 00-0017	EA		Double Traverse Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track.....	359.83	55.48
12 22 16 00-0018			Curtain Rods (12 22 16 00-0001)		
12 22 16 00-0019	LF		Standard Metal Curtain Rod, White.....	12.21	2.09
12 22 16 00-0020			Relocate Drapery And Rod (12 22 16 00-0001)		
12 22 16 00-0021	LF		Relocate Any Type Of Drapery And Any Type Rod..... Note: Includes storage and cleaning.	30.26	

12 24 Window Shades (12 20)

12 24 13 Roller Window Shades (12 24)

12 24 13 00-0001			Roller Window Shades (12 24 13)		
12 24 13 00-0002			Vinyl Coated Fiberglass, Roller Window Shades (12 24 13 00-0001)		
			Note: Includes roller, brackets, and stainless steel chain operator.		
12 24 13 00-0003	SF		0% Openness, Blackout, Vinyl Coated Fiberglass, Roller Window Shades.....	14.74	0.69
12 24 13 00-0004	SF		1% To 10% Openness, Vinyl Coated Fiberglass, Roller Window Shades.....	14.74	0.69
12 24 13 00-0005			Polyvinyl Chloride (PVC) Free, Acrylic Backed Polyester, Roller Window Shades (12 24 13 00-0001)		
			Note: Includes roller, brackets, and stainless steel chain operator.		
12 24 13 00-0006	SF		0% Openness, Blackout, Polyvinyl Chloride (PVC) Free, Acrylic Backed Polyester, Roller Window Shades.....	18.84	0.69
12 24 13 00-0007			Vinyl Coated Polyester, Roller Window Shades (12 24 13 00-0001)		
			Note: Includes roller, brackets, and stainless steel chain operator.		
12 24 13 00-0008	SF		1% To 10% Openness, Vinyl Coated Polyester, Roller Window Shades.....	14.74	0.69

12 25 Window Treatment Operating Hardware (12 20)

12 25 13 Motorized Drapery Rods (12 25)

12 25 13 00-0001			Motorized Drapery Track (12 25 13)		
12 25 13 00-0002	EA		2' To 4' Wide, Motorized Curtain Track (Somfy Glydea 60E).....	1,335.13	117.14
12 25 13 00-0003	EA		>4' To 5' Wide, Motorized Curtain Track (Somfy Glydea 60E).....	1,393.41	128.86
12 25 13 00-0004	EA		>5' To 6' Wide, Motorized Curtain Track (Somfy Glydea 60E).....	1,451.69	140.57
12 25 13 00-0005	EA		>6' To 7' Wide, Motorized Curtain Track (Somfy Glydea 60E).....	1,509.95	152.29
12 25 13 00-0006	EA		>7' To 8' Wide, Motorized Curtain Track (Somfy Glydea 60E).....	1,568.24	164.00
12 25 13 00-0007	EA		>8' To 9' Wide, Motorized Curtain Track (Somfy Glydea 60E).....	1,626.51	175.72
12 25 13 00-0008	EA		>9' To 10' Wide, Motorized Curtain Track (Somfy Glydea 60E).....	1,684.79	187.43
12 25 13 00-0009	EA		>10' To 11' Wide, Motorized Curtain Track (Somfy Glydea 60E).....	1,743.06	199.15
12 25 13 00-0010	EA		>11' To 12' Wide, Motorized Curtain Track (Somfy Glydea 60E).....	1,801.34	210.86
12 25 13 00-0011	EA		>12' To 13' Wide, Motorized Curtain Track (Somfy Glydea 60E).....	1,859.61	222.57
12 25 13 00-0012	EA		>13' To 14' Wide, Motorized Curtain Track (Somfy Glydea 60E).....	1,917.89	234.29
12 25 13 00-0013	EA		>14' To 15' Wide, Motorized Curtain Track (Somfy Glydea 60E).....	1,976.17	246.01
12 25 13 00-0014	EA		>15' To 16' Wide, Motorized Curtain Track (Somfy Glydea 60E).....	2,034.44	257.72
12 25 13 00-0015	EA		>16' To 17' Wide, Motorized Curtain Track (Somfy Glydea 60E).....	2,092.71	269.43
12 25 13 00-0016	EA		>17' To 18' Wide, Motorized Curtain Track (Somfy Glydea 60E).....	2,151.00	281.15

12 Furnishings**12 20 Window Treatments****12 25 Window Treatment Operating Hardware**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

12 25 13 00-0017	EA	>18' To 19' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,209.26	292.87
12 25 13 00-0018	EA	>19' To 20' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,267.55	304.57
12 25 13 00-0019	EA	>20' To 21' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,325.82	316.29
12 25 13 00-0020	EA	>21' To 22' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,384.09	328.01
12 25 13 00-0021	EA	>22' To 23' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,442.37	339.71
12 25 13 00-0022	EA	>23' To 24' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,500.64	351.43

12 30 Casework ⁽¹²⁾**12 31 Manufactured Metal Casework** ^(12 30)**12 31 16 Manufactured Metal Sandwich Panel Casework** ^(12 31)

12 31 16 00-0001		34-1/2" High x 24" Deep, Stainless Steel Cabinets ^(12 31 16)		
12 31 16 00-0002		18 Gauge, #4 Finish, 304 Stainless Steel Base Cabinets ^(12 31 16 00-0001)		
12 31 16 00-0003		18" Stainless Steel Base Cabinet ^(12 31 16 00-0002)		
12 31 16 00-0004	EA	18" Stainless Steel Base Cabinet, No Doors Or Drawers	1,699.97	256.83
		For 16 Gauge Stainless Steel, Add	255.02	
		For >5 To 9, Deduct	-62.27	
		For >9, Deduct	-124.55	
12 31 16 00-0005	EA	18" Stainless Steel Base Cabinet, With 4 Drawers	2,707.46	256.83
		For 16 Gauge Stainless Steel, Add	471.63	
		For >5 To 9, Deduct	-115.17	
		For >9, Deduct	-230.33	
12 31 16 00-0006	EA	18" Stainless Steel Base Cabinet, With 3 Drawers	2,517.35	256.83
		For 16 Gauge Stainless Steel, Add	430.76	
		For >5 To 9, Deduct	-105.19	
		For >9, Deduct	-210.37	
12 31 16 00-0007	EA	18" Stainless Steel Base Cabinet, With 2 Drawers	2,327.25	256.83
		For 16 Gauge Stainless Steel, Add	389.89	
		For >5 To 9, Deduct	-95.21	
		For >9, Deduct	-190.41	
12 31 16 00-0008	EA	18" Stainless Steel Base Cabinet, With Doors And Drawers	2,262.74	256.83
		For 16 Gauge Stainless Steel, Add	376.02	
		For >5 To 9, Deduct	-91.82	
		For >9, Deduct	-183.64	
12 31 16 00-0009		24" Stainless Steel Base Cabinet ^(12 31 16 00-0002)		
12 31 16 00-0010	EA	24" Stainless Steel Base Cabinet, With Doors And Locks	2,425.69	277.57
		For 16 Gauge Stainless Steel, Add	402.08	
		For >5 To 9, Deduct	-98.18	
		For >9, Deduct	-196.36	
12 31 16 00-0011	EA	24" Stainless Steel Base Cabinet, With Door, No Locks	2,193.72	277.57
		For 16 Gauge Stainless Steel, Add	352.20	
		For >5 To 9, Deduct	-86.00	
		For >9, Deduct	-172.01	
12 31 16 00-0012	EA	24" Stainless Steel Base Cabinet, With Two Doors, No Locks	2,244.50	277.57
		For 16 Gauge Stainless Steel, Add	363.12	
		For >5 To 9, Deduct	-88.67	
		For >9, Deduct	-177.34	
12 31 16 00-0013	EA	24" Stainless Steel Base Cabinet, No Doors, 2 Drawers	2,480.59	277.57
		For 16 Gauge Stainless Steel, Add	413.88	
		For >5 To 9, Deduct	-101.06	
		For >9, Deduct	-202.13	
12 31 16 00-0014	EA	24" Stainless Steel Base Cabinet, With Doors And Drawers, No Locks	3,196.40	277.57
		For 16 Gauge Stainless Steel, Add	567.78	
		For >5 To 9, Deduct	-138.64	
		For >9, Deduct	-277.29	
12 31 16 00-0015	EA	24" Stainless Steel Base Cabinet, With Doors And Drawers, With Locks	3,503.18	277.57
		For 16 Gauge Stainless Steel, Add	633.74	
		For >5 To 9, Deduct	-154.75	
		For >9, Deduct	-309.50	
12 31 16 00-0016		30" Stainless Steel Base Cabinet ^(12 31 16 00-0002)		
12 31 16 00-0017	EA	30" Stainless Steel Base Cabinet, No Doors, No Drawers	2,151.10	292.51
		For 16 Gauge Stainless Steel, Add	336.76	
		For >5 To 9, Deduct	-82.23	
		For >9, Deduct	-164.46	
12 31 16 00-0018	EA	30" Stainless Steel Base Cabinet, With 4 Full Size Drawers	3,081.72	292.51
		For 16 Gauge Stainless Steel, Add	536.84	
		For >5 To 9, Deduct	-131.09	
		For >9, Deduct	-262.18	
12 31 16 00-0019	EA	30" Stainless Steel Base Cabinet, With Doors, Drawers And Locks	3,937.54	292.51
		For 16 Gauge Stainless Steel, Add	720.84	
		For >5 To 9, Deduct	-176.02	
		For >9, Deduct	-352.04	
12 31 16 00-0020	EA	30" Stainless Steel Base Cabinet, With Doors And Drawers, No Locks	3,630.76	292.51
		For 16 Gauge Stainless Steel, Add	654.88	
		For >5 To 9, Deduct	-159.91	
		For >9, Deduct	-319.83	
12 31 16 00-0021	EA	30" Stainless Steel Base Cabinet, With Doors And One Full Size Drawer	3,440.66	292.51
		For 16 Gauge Stainless Steel, Add	614.01	
		For >5 To 9, Deduct	-149.93	
		For >9, Deduct	-299.87	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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12 31 16 00-0022	EA			30" Stainless Steel Base Cabinet, With Doors, No Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,669.25 448.16 -109.43 -218.87	292.51
12 31 16 00-0023	EA			30" Stainless Steel Base Cabinet, With Doors And Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,645.92 443.14 -108.21 -216.42	292.51
12 31 16 00-0024				36" Stainless Steel Base Cabinet (12 31 16 00-0002)		
12 31 16 00-0025	EA			36" Stainless Steel Base Cabinet, No Doors, No Drawers <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,370.12 378.68 -92.47 -184.94	304.12
12 31 16 00-0026	EA			36" Stainless Steel Base Cabinet, With Doors And Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,865.63 485.21 -118.48 -236.96	304.12
12 31 16 00-0027	EA			36" Stainless Steel Base Cabinet, With Door, No Lock..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,683.08 445.96 -108.90 -217.80	304.12
12 31 16 00-0028	EA			36" Stainless Steel Base Cabinet, With Doors, Drawers And Lock..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	4,154.50 762.32 -186.15 -372.30	304.12
12 31 16 00-0029	EA			36" Stainless Steel Base Cabinet, With Doors, Drawers, No Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	3,848.41 696.51 -170.08 -340.16	304.12
12 31 16 00-0030				42" Stainless Steel Base Cabinet (12 31 16 00-0002)		
12 31 16 00-0031	EA			42" Stainless Steel Base Cabinet, No Doors, No Drawers <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,489.30 396.21 -96.75 -193.50	323.20
12 31 16 00-0032	EA			42" Stainless Steel Base Cabinet, With Doors, Drawers And Lock..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	4,382.80 803.31 -196.16 -392.31	323.20
12 31 16 00-0033	EA			42" Stainless Steel Base Cabinet, With Doors, Drawers, No Lock..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	4,076.03 737.36 -180.05 -360.10	323.20
12 31 16 00-0034	EA			42" Stainless Steel Base Cabinet, No Doors, 2 Drawers..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	3,758.27 669.04 -163.37 -326.74	323.20
12 31 16 00-0035	EA			42" Stainless Steel Base Cabinet, With Doors, No Lock..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,912.06 487.10 -118.94 -237.89	323.20
12 31 16 00-0036	EA			42" Stainless Steel Base Cabinet, With Doors And Lock..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	3,091.87 525.76 -128.38 -256.77	323.20
12 31 16 00-0037				48" Stainless Steel Base Cabinet (12 31 16 00-0002)		
12 31 16 00-0038	EA			48" Stainless Steel Base Cabinet, With Doors, Drawers And Lock..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	4,593.67 845.55 -206.47 -412.94	330.67
12 31 16 00-0039	EA			48" Stainless Steel Base Cabinet, With Doors, Drawers, No Lock..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	4,287.58 779.74 -190.40 -380.80	330.67
12 31 16 00-0040	EA			48" Stainless Steel Base Cabinet, No Doors, No Drawers..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,700.17 438.45 -107.06 -214.13	330.67
12 31 16 00-0041	EA			48" Stainless Steel Base Cabinet, No Doors, 2 Drawers..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	3,969.83 711.42 -173.72 -347.44	330.67
12 31 16 00-0042	EA			48" Stainless Steel Base Cabinet, With Doors, And Lock..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	3,304.80 568.44 -138.81 -277.61	330.67
12 31 16 00-0043	EA			48" Stainless Steel Base Cabinet, With Doors, No Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	3,255.39 557.82 -136.21 -272.42	330.67
12 31 16 00-0044				60" Stainless Steel Base Cabinet (12 31 16 00-0002)		

12 Furnishings

12 30 Casework

12 31 Manufactured Metal Casework

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
12 31 16 00-0045	EA 24" Deep x 60" Wide Stainless Steel Sink Base Cabinet..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	3,225.64 547.07 -133.59 -267.17	340.74
12 31 16 00-0046	18 Gauge, #4 Finish, 304 Stainless Steel Wall Cabinets (12 31 16 00-0001)		
12 31 16 00-0047	12" Wide Stainless Steel Wall Cabinets (12 31 16 00-0046)		
12 31 16 00-0048	EA 12"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,282.72 233.74 -57.08 -114.15	97.78
12 31 16 00-0049	EA 12"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,279.93 230.59 -56.31 -112.61	103.70
12 31 16 00-0050	18" Wide Stainless Steel Wall Cabinets (12 31 16 00-0046)		
12 31 16 00-0051	EA 18"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,345.62 244.07 -59.60 -119.20	105.12
12 31 16 00-0052	EA 18"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,270.81 227.99 -55.67 -111.34	105.12
12 31 16 00-0053	EA 18"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,487.65 270.65 -66.09 -132.18	114.37
12 31 16 00-0054	EA 18"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,441.66 260.76 -63.68 -127.35	114.37
12 31 16 00-0055	24" Wide Stainless Steel Wall Cabinets (12 31 16 00-0046)		
12 31 16 00-0056	EA 24"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Door..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,127.06 192.29 -46.95 -93.91	116.39
12 31 16 00-0057	EA 24"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,518.25 276.39 -67.49 -134.98	116.39
12 31 16 00-0058	EA 24"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,444.13 260.46 -63.60 -127.20	116.39
12 31 16 00-0059	EA 24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,429.09 260.47 -63.60 -127.21	108.68
12 31 16 00-0060	EA 24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,350.16 243.50 -59.46 -118.92	108.68
12 31 16 00-0061	EA 24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Glass Door, No Lock..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,720.08 323.04 -78.88 -157.76	108.68
12 31 16 00-0062	EA 24"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,033.09 175.33 -42.81 -85.63	108.68
12 31 16 00-0063	EA 24"W x 12"D x 18"H Stainless Steel Wall Cabinet, No Doors..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	973.15 164.63 -40.20 -80.40	103.70
12 31 16 00-0064	30" Wide Stainless Steel Wall Cabinets (12 31 16 00-0046)		
12 31 16 00-0065	EA 30"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,961.17 368.49 -89.98 -179.96	123.61
12 31 16 00-0066	EA 30"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,781.36 329.83 -80.54 -161.08	123.61
12 31 16 00-0067	EA 30"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,209.68 206.92 -50.53 -101.06	123.61

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0068	EA		30"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks.....	1,864.37	113.78
			<i>For 16 Gauge Stainless Steel, Add</i>	351.90	
			<i>For >5 To 9, Deduct</i>	-85.93	
			<i>For >9, Deduct</i>	-171.86	
12 31 16 00-0069	EA		30"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Lock	1,684.56	113.78
			<i>For 16 Gauge Stainless Steel, Add</i>	313.24	
			<i>For >5 To 9, Deduct</i>	-76.49	
			<i>For >9, Deduct</i>	-152.98	
12 31 16 00-0070	EA		30"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors.....	1,112.87	113.78
			<i>For 16 Gauge Stainless Steel, Add</i>	190.33	
			<i>For >5 To 9, Deduct</i>	-46.48	
			<i>For >9, Deduct</i>	-92.95	
12 31 16 00-0071	EA		30"W x 12"D x 18"H Stainless Steel Wall Cabinet, No Doors.....	1,052.50	108.44
			<i>For 16 Gauge Stainless Steel, Add</i>	179.68	
			<i>For >5 To 9, Deduct</i>	-43.87	
			<i>For >9, Deduct</i>	-87.75	
12 31 16 00-0072			36" Wide Stainless Steel Wall Cabinets (12 31 16 00-0046)		
12 31 16 00-0073	EA		36"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks.....	2,039.09	127.17
			<i>For 16 Gauge Stainless Steel, Add</i>	383.72	
			<i>For >5 To 9, Deduct</i>	-93.70	
			<i>For >9, Deduct</i>	-187.40	
12 31 16 00-0074	EA		36"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,855.16	127.17
			<i>For 16 Gauge Stainless Steel, Add</i>	344.18	
			<i>For >5 To 9, Deduct</i>	-84.04	
			<i>For >9, Deduct</i>	-168.09	
12 31 16 00-0075	EA		36"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors.....	1,287.59	127.17
			<i>For 16 Gauge Stainless Steel, Add</i>	222.15	
			<i>For >5 To 9, Deduct</i>	-54.25	
			<i>For >9, Deduct</i>	-108.49	
12 31 16 00-0076	EA		36"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks.....	1,941.01	116.39
			<i>For 16 Gauge Stainless Steel, Add</i>	367.29	
			<i>For >5 To 9, Deduct</i>	-89.69	
			<i>For >9, Deduct</i>	-179.37	
12 31 16 00-0077	EA		36"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,761.89	116.39
			<i>For 16 Gauge Stainless Steel, Add</i>	328.78	
			<i>For >5 To 9, Deduct</i>	-80.28	
			<i>For >9, Deduct</i>	-160.56	
12 31 16 00-0078	EA		36"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors.....	1,189.51	116.39
			<i>For 16 Gauge Stainless Steel, Add</i>	205.71	
			<i>For >5 To 9, Deduct</i>	-50.23	
			<i>For >9, Deduct</i>	-100.47	
12 31 16 00-0079	EA		36"W x 12"D x 18"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,130.37	110.82
			<i>For 16 Gauge Stainless Steel, Add</i>	195.37	
			<i>For >5 To 9, Deduct</i>	-47.71	
			<i>For >9, Deduct</i>	-95.41	
12 31 16 00-0080			42" Wide Stainless Steel Wall Cabinets (12 31 16 00-0046)		
12 31 16 00-0081	EA		42"W x 12"D x 42"H Stainless Steel Wall Cabinet, With Doors, No Locks	2,144.93	160.00
			<i>For 16 Gauge Stainless Steel, Add</i>	392.41	
			<i>For >5 To 9, Deduct</i>	-95.82	
			<i>For >9, Deduct</i>	-191.64	
12 31 16 00-0082	EA		42"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks.....	2,145.96	150.99
			<i>For 16 Gauge Stainless Steel, Add</i>	396.49	
			<i>For >5 To 9, Deduct</i>	-96.82	
			<i>For >9, Deduct</i>	-193.63	
12 31 16 00-0083	EA		42"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,963.40	150.99
			<i>For 16 Gauge Stainless Steel, Add</i>	357.24	
			<i>For >5 To 9, Deduct</i>	-87.23	
			<i>For >9, Deduct</i>	-174.47	
12 31 16 00-0084	EA		42"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors.....	1,393.08	150.99
			<i>For 16 Gauge Stainless Steel, Add</i>	234.62	
			<i>For >5 To 9, Deduct</i>	-57.29	
			<i>For >9, Deduct</i>	-114.58	
12 31 16 00-0085	EA		42"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks.....	2,018.73	126.81
			<i>For 16 Gauge Stainless Steel, Add</i>	379.50	
			<i>For >5 To 9, Deduct</i>	-92.67	
			<i>For >9, Deduct</i>	-185.34	
12 31 16 00-0086	EA		42"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,837.55	126.81
			<i>For 16 Gauge Stainless Steel, Add</i>	340.55	
			<i>For >5 To 9, Deduct</i>	-83.16	
			<i>For >9, Deduct</i>	-166.31	
12 31 16 00-0087	EA		42"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors.....	1,267.23	126.81
			<i>For 16 Gauge Stainless Steel, Add</i>	217.93	
			<i>For >5 To 9, Deduct</i>	-53.22	
			<i>For >9, Deduct</i>	-106.43	
12 31 16 00-0088			48" Wide Stainless Steel Wall Cabinets (12 31 16 00-0046)		
12 31 16 00-0089	EA		48"W x 12"D x 42"H Stainless Steel Wall Cabinet, No Doors, No Locks.....	1,894.38	160.00
			<i>For 16 Gauge Stainless Steel, Add</i>	337.16	
			<i>For >5 To 9, Deduct</i>	-82.33	
			<i>For >9, Deduct</i>	-164.66	
12 31 16 00-0090	EA		48"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks.....	2,222.34	154.31
			<i>For 16 Gauge Stainless Steel, Add</i>	411.44	
			<i>For >5 To 9, Deduct</i>	-100.47	
			<i>For >9, Deduct</i>	-200.94	

12 Furnishings

12 30 Casework

12 31 Manufactured Metal Casework

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

12 31 16 00-0091	EA	48"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks.....	2,042.53	154.31
		<i>For 16 Gauge Stainless Steel, Add</i>	372.78	
		<i>For >5 To 9, Deduct</i>	-91.03	
		<i>For >9, Deduct</i>	-182.06	
12 31 16 00-0092	EA	48"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors.....	1,470.84	154.31
		<i>For 16 Gauge Stainless Steel, Add</i>	249.87	
		<i>For >5 To 9, Deduct</i>	-61.01	
		<i>For >9, Deduct</i>	-122.03	
12 31 16 00-0093	EA	48"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks.....	2,093.79	128.00
		<i>For 16 Gauge Stainless Steel, Add</i>	395.09	
		<i>For >5 To 9, Deduct</i>	-96.48	
		<i>For >9, Deduct</i>	-192.95	
12 31 16 00-0094	EA	48"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks.....	1,914.66	128.00
		<i>For 16 Gauge Stainless Steel, Add</i>	356.58	
		<i>For >5 To 9, Deduct</i>	-87.07	
		<i>For >9, Deduct</i>	-174.14	
12 31 16 00-0095	EA	48"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors.....	1,342.29	128.00
		<i>For 16 Gauge Stainless Steel, Add</i>	233.52	
		<i>For >5 To 9, Deduct</i>	-57.02	
		<i>For >9, Deduct</i>	-114.04	

12 31 16 00-0096 Accessories (12 31 16 00-0001)

12 31 16 00-0097 Stainless Steel Countertops (12 31 16 00-0096)

Note: Includes all finishes, finished ends and all edge types such as straight, bullnose, eased, marine, etc. Excludes sinks.

12 31 16 00-0098	SF	16 Gauge Stainless Steel Countertop With Backsplash	124.84	6.52
		<i>For 14 Gauge Stainless Steel, Add</i>	24.71	
12 31 16 00-0099	SF	16 Gauge Stainless Steel Countertop Without Backsplash	114.38	6.52
		<i>For 14 Gauge Stainless Steel, Add</i>	22.40	
12 31 16 00-0100	EA	Cutout For Sink And/Or Faucet In Stainless Steel Countertop	174.47	

12 31 16 00-0101 Stainless Steel Wall Panels (12 31 16 00-0096)

12 31 16 00-0102	SF	20 Gauge Stainless Steel Wall Panel	34.86	9.72
		<i>For 18 Gauge Stainless Steel, Add</i>	4.20	
		<i>For 16 Gauge Stainless Steel, Add</i>	8.08	

12 31 16 00-0103 Pedestal Legs (12 31 16 00-0096)

12 31 16 00-0104	EA	Type #304 Stainless Steel Pedestal Leg	277.63	14.82
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12 31 16 00-0105 Stainless Steel Slanted Cabinet Top Enclosure (12 31 16 00-0096)

12 31 16 00-0106	EA	Stainless Steel Slanted Cabinet Top Enclosure, 5' Sections	309.55	29.09
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12 35 Specialty Casework (12 30)

12 35 70 Healthcare Casework (12 35)

12 35 70 13 Hospital Casework (12 35 70)

12 35 70 13-0001 Modular Casework (12 35 70 13)

Note: Midmark.

12 35 70 13-0002	EA	36" High, 2 Doors, Base Sink Unit (Midmark MC-SBS005-243624)	887.07	84.36
12 35 70 13-0003	EA	36" High, 2 Doors, Base Sink Unit (Midmark MC-SBS005-363624)	1,100.28	105.44
12 35 70 13-0004	EA	36" High, 2 Doors, Base Sink Unit With Tap Master Valve (Midmark MC-SBS009-243624)	1,545.03	84.36
12 35 70 13-0005	EA	36" High Base Sink Unit, 2 Doors With Tap Master Valve (Midmark MC-SBS009-363624)	1,774.03	105.44
12 35 70 13-0006	EA	36" High Base Storage Unit, 1 Door (Midmark MC-SBP006-243624)	1,004.19	84.36
12 35 70 13-0007	EA	36" High Base Storage Unit, 2 Doors (Midmark MC-SBP007-363624)	1,350.30	105.44
12 35 70 13-0008	EA	36" High Base Storage Unit, 1 4" Drawer, 1 Door (Midmark MC-SBP012-153624)	1,008.14	84.36
12 35 70 13-0009	EA	36" High Base Storage Unit, 1 4" Drawer, 1 Door (Midmark MC-SBP012-183624)	1,085.78	84.36
12 35 70 13-0010	EA	36" High Base Storage Unit, 1 4" Drawer, 1 Door (Midmark MC-SBP012-213624)	1,152.89	84.36
12 35 70 13-0011	EA	36" High Base Storage Unit, 1 4" Drawer, 2 Doors (Midmark MC-SBP013-303624)	1,441.10	105.44
12 35 70 13-0012	EA	36" High Base Storage Unit, 1 4" Drawer, 2 Doors (Midmark MC-SBP013-363624)	1,463.47	105.44
12 35 70 13-0013	EA	36" High Base Storage Unit, 2 4" Drawer, 2 Doors (Midmark MC-SBP020-243624)	1,354.22	84.36
12 35 70 13-0014	EA	36" High Base Storage Unit, 2 4" Drawer, 2 Doors (Midmark MC-SBP020-303624)	1,572.69	105.44
12 35 70 13-0015	EA	36" High Base Storage Unit, 2 4" Drawer, 2 Doors (Midmark MC-SBP020-363624)	1,621.38	105.44
12 35 70 13-0016	EA	36" High Base Storage Unit, 1 4" Drawer, 2 8" Drawers (Midmark MC-SBP024-123624)	1,184.47	84.36
12 35 70 13-0017	EA	36" High Base Storage Unit, 1 4" Drawer, 2 8" Drawers (Midmark MC-SBP024-153624)	1,218.68	84.36
12 35 70 13-0018	EA	36" High Base Storage Unit, 1 4" Drawer, 2 8" Drawers (Midmark MC-SBP024-183624)	1,306.85	84.36
12 35 70 13-0019	EA	36" High Base Storage Unit, 2 4" Drawer, 2 8" Drawers (Midmark MC-SBP025-303624)	2,179.33	105.44
12 35 70 13-0020	EA	36" High Base Storage Unit, 2 4" Drawer, 2 8" Drawers (Midmark MC-SBP025-363624)	2,303.03	105.44
12 35 70 13-0021	EA	36" High Base Storage Unit, 5 4" Drawer (Midmark MC-SBP032-153624)	1,529.24	84.36
12 35 70 13-0022	EA	36" High Base Storage Unit, 5 4" Drawer (Midmark MC-SBP032-183624)	1,620.04	84.36
12 35 70 13-0023	EA	36" High Base Storage Unit, 5 4" Drawer (Midmark MC-SBP032-213624)	1,776.63	84.36
12 35 70 13-0024	EA	84" High Tall Storage Unit, 2 Doors (Midmark MC-STP032-368424)	3,105.99	253.08
12 35 70 13-0025	EA	84" High Tall Storage Unit, Open Upper With Pull Out Shelf, 1 4" Drawer, 2 Doors (Midmark MC-STP081-248424)	2,852.02	253.08
12 35 70 13-0026	EA	Desk Filler Panel (Midmark MC-SDA003-060501)	115.84	21.09
12 35 70 13-0027	EA	30" High Overhead Unit, 1 Door (Midmark MC-SOHO41-123014)	644.94	84.36
12 35 70 13-0028	EA	30" High Overhead Unit, 1 Door (Midmark MC-SOHO41-153014)	633.10	84.36
12 35 70 13-0029	EA	30" High Overhead Unit, 1 Door (Midmark MC-SOHO41-183014)	675.21	84.36
12 35 70 13-0030	EA	30" High Overhead Unit, 1 Door (Midmark MC-SOHO41-213014)	731.79	84.36
12 35 70 13-0031	EA	30" High Overhead Unit, 2 Doors (Midmark MC-SOHO42-243014)	796.27	84.36
12 35 70 13-0032	EA	30" High Overhead Unit, 2 Doors (Midmark MC-SOHO42-303014)	910.78	105.44

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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12 35 70 13-0033	EA		30" High Overhead Unit, 2 Doors (Midmark MC-SOHO42-363014).....	988.42	105.44
12 35 70 13-0034	EA		30" High Overhead Unit, 2 Window Doors (Midmark MC-SOHO44-303014)	1,214.76	105.44
12 35 70 13-0035	EA		30" High Overhead Unit, 2 Window Doors (Midmark MC-SOHO44-363014)	1,351.62	105.44
12 35 70 13-0036	LF		19" Self Edge Laminate Countertop With Backsplash	168.78	17.45
12 35 70 13-0037	LF		25" Self Edge Laminate Countertop With Backsplash	330.31	23.26
12 35 70 13-0038	SF		Melamine Wall Cabinet Inner Soffit.....	39.08	14.55

Note: Includes blocking

12 35 70 19 Exam Room Casework (12 35 70)
12 35 70 19-0001 Medical Exam Room Cabinetwork (12 35 70 19)
12 35 70 19-0002 Medical Exam Room Wall Cabinets (12 35 70 19-0001)
12 35 70 19-0003 Medical Exam Room Wall Cabinets (Clinton Industries®) (12 35 70 19-0002)

Note: Includes all laminate construction, chip resistant PVC edges, hinges, one shelf behind doors, mounting hardware, door pulls and flush-face doors.

12 35 70 19-0004	EA		24" Width, 12" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8212).....	510.57	36.05
			<i>For Additional Shelf, Add</i>	45.58	
			<i>For Lock And Inside Latch Combo For Double Doors, Add</i>	105.62	
12 35 70 19-0005	EA		24" Width, 24" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8224).....	556.15	36.05
			<i>For Additional Shelf, Add</i>	45.58	
			<i>For Lock And Inside Latch Combo For Double Doors, Add</i>	105.62	
12 35 70 19-0006	EA		36" Width, 24" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8236).....	903.83	47.11
			<i>For Additional Shelf, Add</i>	45.58	
			<i>For Lock And Inside Latch Combo For Double Doors, Add</i>	106.06	
12 35 70 19-0007	EA		42" Width, 24" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8242).....	984.45	49.44
			<i>For Additional Shelf, Add</i>	45.58	
			<i>For Lock And Inside Latch Combo For Double Doors, Add</i>	106.16	
12 35 70 19-0008	EA		48" Width, 24" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8248).....	1,086.94	52.92
			<i>For Additional Shelf, Add</i>	45.58	
			<i>For Lock And Inside Latch Combo For Double Doors, Add</i>	106.29	
12 35 70 19-0009	EA		54" Width, 24" Height, 12" Depth, 3 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8254).....	1,228.49	56.41
			<i>For Additional Shelf, Add</i>	45.58	
			<i>For Lock For Single Door/Drawer, Add</i>	71.70	
			<i>For Lock And Inside Latch Combo For Double Doors, Add</i>	106.43	
12 35 70 19-0010	EA		66" Width, 24" Height, 12" Depth, 3 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8266).....	1,414.62	60.49
			<i>For Additional Shelf, Add</i>	45.58	
			<i>For Lock For Single Door/Drawer, Add</i>	71.86	
			<i>For Lock And Inside Latch Combo For Double Doors, Add</i>	106.59	
12 35 70 19-0011	EA		72" Width, 24" Height, 12" Depth, 3 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8272).....	1,497.56	63.98
			<i>For Additional Shelf, Add</i>	45.58	
			<i>For Lock For Single Door/Drawer, Add</i>	72.00	
			<i>For Lock And Inside Latch Combo For Double Doors, Add</i>	106.73	

12 35 70 19-0012 Medical Exam Room Base Cabinets (12 35 70 19-0001)
12 35 70 19-0013 Medical Exam Room Base Cabinets (Ritter®) (12 35 70 19-0012)

Note: Includes polymer covered drawers and door fronts, hinges, mounting hardware, door pulls, flush-face doors, Pebble Grey Kydex top.

12 35 70 19-0014	EA		24" Width, 36" Height, 18" Depth, 2 Doors And 1 Drawer, Medical Exam Room Base Cabinet (Ritter® 2060).....	1,708.20	88.98
			<i>For Lock For Single Door/Drawer, Add</i>	73.00	
			<i>For Soft Edge Top, Add</i>	531.79	
12 35 70 19-0015	EA		24" Width, 36" Height, 18" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Ritter® 2061-001).....	1,766.81	88.98
			<i>For Lock For Single Door/Drawer, Add</i>	73.00	
			<i>For Soft Edge Top, Add</i>	531.79	
12 35 70 19-0016	EA		24" Width, 36" Height, 18" Depth, 5 Drawers, Medical Exam Room Base Cabinet (Ritter® 2062-001).....	1,983.87	88.98
			<i>For Lock For Single Door/Drawer, Add</i>	73.00	
			<i>For Soft Edge Top, Add</i>	531.79	
12 35 70 19-0017	EA		24" Width, 36" Height, 24" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Ritter® 2061-002).....	2,001.23	88.98
			<i>For Lock For Single Door/Drawer, Add</i>	73.00	
			<i>For Soft Edge Top, Add</i>	531.79	
12 35 70 19-0018	EA		24" Width, 36" Height, 24" Depth, 5 Drawers, Medical Exam Room Base Cabinet (Ritter® 2062-002).....	2,261.70	88.98
			<i>For Lock For Single Door/Drawer, Add</i>	73.00	
			<i>For Soft Edge Top, Add</i>	531.79	

12 35 70 19-0019 Medical Exam Room Base Cabinets (Clinton Industries®) (12 35 70 19-0012)

Note: Includes all laminate construction, chip resistant PVC edges, hinges, one shelf behind doors, mounting hardware, door pulls, flush-face doors and countertop.

12 35 70 19-0020	EA		24" Width, 35" Height, 18" Depth, 2 Doors, Medical Exam Room Base Cabinet With Sink And Desk (Clinton Industries® 76).....	887.69	145.39
			Note: Includes stainless steel sink and faucet.		
			<i>For Additional Shelf, Add</i>	45.58	
			<i>For Lock For Single Door/Drawer, Add</i>	75.24	
			<i>For Lock And Inside Latch Combo For Double Doors, Add</i>	109.97	
12 35 70 19-0021	EA		24" Width, 35" Height, 18" Depth, 2 Doors And 1 Drawer, Medical Exam Room Base Cabinet (Clinton Industries® 8024).....	1,198.12	88.98
			<i>For Additional Shelf, Add</i>	45.58	
			<i>For Lock For Single Door/Drawer, Add</i>	73.00	
			<i>For Lock And Inside Latch Combo For Double Doors, Add</i>	107.73	
12 35 70 19-0022	EA		36" Width, 35" Height, 18" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8036).....	1,730.30	100.03
			<i>For Additional Shelf, Add</i>	45.58	
			<i>For Lock For Single Door/Drawer, Add</i>	73.44	
			<i>For Lock And Inside Latch Combo For Double Doors, Add</i>	108.17	

12 Furnishings

12 30 Casework

12 35 Specialty Casework



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 35 70 19-0023	EA		42" Width, 35" Height, 18" Depth, 3 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8042)	1,872.48	108.17
			<i>For Additional Shelf, Add</i>	45.58	
			<i>For Lock For Single Door/Drawer, Add</i>	73.76	
			<i>For Lock And Inside Latch Combo For Double Doors, Add</i>	108.49	
12 35 70 19-0024	EA		48" Width, 35" Height, 18" Depth, 4 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8048)	2,043.65	122.13
			<i>For Additional Shelf, Add</i>	45.58	
			<i>For Lock For Single Door/Drawer, Add</i>	74.31	
			<i>For Lock And Inside Latch Combo For Double Doors, Add</i>	109.04	
12 35 70 19-0025	EA		54" Width, 35" Height, 18" Depth, 3 Doors And 3 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8054)	2,460.48	130.85
			<i>For Additional Shelf, Add</i>	45.58	
			<i>For Lock For Single Door/Drawer, Add</i>	74.66	
			<i>For Lock And Inside Latch Combo For Double Doors, Add</i>	109.39	
12 35 70 19-0026	EA		66" Width, 35" Height, 18" Depth, 3 Doors And 3 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8066)	2,718.86	139.58
			<i>For Additional Shelf, Add</i>	45.58	
			<i>For Lock For Single Door/Drawer, Add</i>	75.01	
			<i>For Lock And Inside Latch Combo For Double Doors, Add</i>	109.74	
12 35 70 19-0027	EA		66" Width, 35" Height, 18" Depth, 3 Doors And 3 Drawers, Medical Exam Room Base Cabinet With Sink And Desk (Clinton Industries® 8042-99)	2,894.56	203.55
			Note: Includes stainless steel sink and faucet.		
			<i>For Additional Shelf, Add</i>	45.58	
			<i>For Lock For Single Door/Drawer, Add</i>	77.55	
			<i>For Lock And Inside Latch Combo For Double Doors, Add</i>	112.28	
12 35 70 19-0028	EA		72" Width, 35" Height, 18" Depth, 6 Doors And 3 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8072)	2,899.10	148.30
			<i>For Additional Shelf, Add</i>	45.58	
			<i>For Lock For Single Door/Drawer, Add</i>	75.36	
			<i>For Lock And Inside Latch Combo For Double Doors, Add</i>	110.09	
12 35 70 19-0029	EA		72" Width, 35" Height, 18" Depth, 2 Doors And 6 Drawers, Medical Exam Room Base Cabinet With Sink And Desk (Clinton Industries® 8048-99)	3,317.20	215.19
			Note: Includes stainless steel sink and faucet.		
			<i>For Additional Shelf, Add</i>	45.58	
			<i>For Lock For Single Door/Drawer, Add</i>	78.01	
			<i>For Lock And Inside Latch Combo For Double Doors, Add</i>	112.74	
12 35 70 19-0030			Medical Exam Room Cabinet Combinations (12 35 70 19-0001)		
12 35 70 19-0031			Medical Exam Room Cabinet Combinations (Ritter®) (12 35 70 19-0030)		
			Note: Includes base cabinet and overhead cabinet, powder coated steel shell, polymer covered drawers and door fronts, hinges, mounting hardware, door pulls, flush-face doors and laminate countertop.		
12 35 70 19-0032	EA		48" Width, 36" Height, 18" Depth, 1 Door And 1 Drawer, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Basic)	2,771.29	174.47
			<i>For Locks On Single Drawer And All Doors, Add</i>	689.79	
12 35 70 19-0033	EA		48" Width, 36" Height, 18" Depth, 2 Doors And 1 Drawer, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Basic)	2,855.95	174.47
			<i>For Locks On Single Drawer And All Doors, Add</i>	689.79	
12 35 70 19-0034	EA		48" Width, 36" Height, 18" Depth, 1 Door And 1 Drawer, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Basic)	3,469.92	221.00
			Note: Includes stainless steel sink and faucet.		
			<i>For Locks On Single Drawer And All Doors, Add</i>	692.57	
12 35 70 19-0035	EA		48" Width, 36" Height, 18" Depth, 2 Doors And 1 Drawer, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Basic)	3,591.47	221.00
			Note: Includes stainless steel sink and faucet.		
			<i>For Locks On Single Drawer And All Doors, Add</i>	692.57	
12 35 70 19-0036	EA		48" Width, 36" Height, 18" Depth, 1 Door And 2 Drawers, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Basic Value)	3,203.24	174.47
			<i>For Locks On Single Drawer And All Doors, Add</i>	689.79	
12 35 70 19-0037	EA		48" Width, 36" Height, 18" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Basic Value)	3,290.06	174.47
			<i>For Locks On Single Drawer And All Doors, Add</i>	689.79	
12 35 70 19-0038	EA		48" Width, 36" Height, 18" Depth, 1 Door And 2 Drawers, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Basic Value)	4,160.16	221.00
			Note: Includes stainless steel sink and faucet.		
			<i>For Locks On Single Drawer And All Doors, Add</i>	692.57	
12 35 70 19-0039	EA		48" Width, 36" Height, 18" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Basic Value)	4,242.64	221.00
			Note: Includes stainless steel sink and faucet.		
			<i>For Locks On Single Drawer And All Doors, Add</i>	692.57	
12 35 70 19-0040	EA		48" Width, 36" Height, 18" Depth, 1 Door And 4 Drawers, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Managed Care)	3,633.01	174.47
			<i>For Locks On Single Drawer And All Doors, Add</i>	689.79	
12 35 70 19-0041	EA		48" Width, 36" Height, 18" Depth, 2 Doors And 4 Drawers, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Managed Care)	3,724.17	174.47
			<i>For Locks On Single Drawer And All Doors, Add</i>	689.79	
12 35 70 19-0042	EA		48" Width, 36" Height, 18" Depth, 1 Door And 4 Drawers, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Managed Care)	4,592.10	221.00
			Note: Includes stainless steel sink and faucet.		
			<i>For Locks On Single Drawer And All Doors, Add</i>	692.57	
12 35 70 19-0043	EA		48" Width, 36" Height, 18" Depth, 2 Doors And 4 Drawers, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Managed Care)	4,681.09	221.00
			Note: Includes stainless steel sink and faucet.		
			<i>For Locks On Single Drawer And All Doors, Add</i>	692.57	
12 35 70 19-0044	EA		48" Width, 36" Height, 18" Depth, 1 Door And 4 Drawers, Medical Exam Room Base Cabinet With Desk And Overhead Cabinet (Ritter® Traditional)	4,113.65	197.74
			<i>For Locks On Single Drawer And All Doors, Add</i>	691.18	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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12 35 70 19-0045	EA		48" Width, 36" Height, 18" Depth, 2 Doors And 4 Drawers, Medical Exam Room Base Cabinet With Desk And Overhead Cabinet (Ritter® Traditional) <i>For Locks On Single Drawer And All Doors, Add</i>	4,196.13 691.18	197.74
12 35 70 19-0046	EA		48" Width, 36" Height, 18" Depth, 1 Door And 4 Drawers, Medical Exam Room Base Cabinet With Sink, Desk And Overhead Cabinet (Ritter® Traditional) Note: Includes stainless steel sink and faucet. <i>For Locks On Single Drawer And All Doors, Add</i>	5,070.57 693.95	244.26
12 35 70 19-0047	EA		48" Width, 36" Height, 18" Depth, 2 Doors And 4 Drawers, Medical Exam Room Base Cabinet With Sink, Desk And Overhead Cabinet (Ritter® Traditional) Note: Includes stainless steel sink and faucet. <i>For Locks On Single Drawer And All Doors, Add</i>	5,168.25 693.95	244.26

12 36 Countertops (12 30)

12 36 23 Plastic Countertops (12 36)

12 36 23 13 Plastic-Laminate-Clad Countertops (12 36 23)

12 36 23 13-0001			Plastic Laminate Countertops <small>(12 36 23 13)</small> Note: Includes plywood, medium-density fiberboard (MDF), or particleboard substrates, finished ends, and all edge types such as bullnose, ogee, roundover, bevel, etc.		
12 36 23 13-0002	SF		Plastic Laminate Countertop Without Backsplash	18.52	11.63
12 36 23 13-0003	SF		Plastic Laminate Countertop With 4" Backsplash	24.57	11.63
12 36 23 13-0004	LF		Plastic Laminate End Splash For Plastic Laminate Countertops	29.33	3.49
12 36 23 13-0005	EA		Cutout For Sink And/Or Faucet In Plastic Laminate Countertop	96.93	

12 36 61 Simulated Stone Countertops (12 36)

12 36 61 16 Solid Surfacing Countertops (12 36 61)

12 36 61 16-0001			Solid Surface Countertops <small>(12 36 61 16)</small>		
12 36 61 16-0002			Solid Surface Countertops <small>(12 36 61 16-0001)</small> Note: Includes finished ends and all edge types such as bullnose, ogee, roundover, bevel, etc.		
12 36 61 16-0003	SF		1/4" Thick, Solid Color, Solid Surface Backsplash..... Note: Quantity based on area of backsplash. Excludes backing material such as cement or water resistant gypsum board. <i>For Up To 50, Add</i> <i>For >50 To 100, Add</i>	47.14 15.51 8.88	7.76
12 36 61 16-0004	SF		1/2" Thick, Solid Color, Solid Surface Countertop Without Backsplash	74.14	11.63
			Note: Quantity based on area of counter, backsplash and apron. Includes drilling holes for fixtures and 1-1/2" drop edge with 1/8" radius edges (when apron not used). <i>For Up To 50, Add</i> <i>For >50 To 100, Add</i> <i>For Integral 16-7/16" x 13" x 5-1/4" Depth Lavatory Sink (Corian 810), Add</i> <i>For Integral 20-7/16" x 14-7/16" x 6-1/8" Depth Lavatory Sink (Corian 815), Add</i> <i>For Integral 17-3/8" x 10-13/16" x 5-1/2" Depth Lavatory Sink (Corian 816), Add</i> <i>For Integral 14-3/4" x 10-1/2" x 5-1/2" Depth Lavatory Sink (Corian 820), Add</i> <i>For Integral 18-7/8" x 13-3/4" x 5-7/8" Depth Lavatory Sink (Corian 830), Add</i> <i>For Integral 20" x 13-3/8" x 6-1/4" Depth Lavatory Sink (Corian 831), Add</i> <i>For Integral 19-3/4" x 14-1/4" x 5-7/8" Depth Lavatory Sink (Corian 835), Add</i> <i>For Integral 17" x 14" x 6" Depth Lavatory Sink (Corian 837), Add</i> <i>For Up To 1.5 SF Integral Single Basin Kitchen Sink, Add</i> Note: Single or double bowl. <i>For >1.5 To 2.25 SF Integral Single Basin Kitchen Sink, Add</i> Note: Single or double bowl. <i>For >2.25 To 3 SF Integral Single Basin Kitchen Sink, Add</i> Note: Single or double bowl. <i>For >3 SF Integral Single Basin Kitchen Sink, Add</i> Note: Single or double bowl. <i>For >3 SF Integral Double Basin Kitchen Sink, Add</i>	23.97 14.14 241.03 304.76 222.49 212.06 304.76 304.76 304.76 304.76 304.76 304.76 274.63 477.42 639.65 692.95 692.95	
12 36 61 16-0005	SF		1/2" Thick, Solid Color, Solid Surface Countertop With 4" Backsplash..... <i>For Up To 50, Add</i> <i>For >50 To 100, Add</i> <i>For Integral 16-7/16" x 13" x 5-1/4" Depth Lavatory Sink (Corian 810), Add</i> <i>For Integral 20-7/16" x 14-7/16" x 6-1/8" Depth Lavatory Sink (Corian 815), Add</i> <i>For Integral 17-3/8" x 10-13/16" x 5-1/2" Depth Lavatory Sink (Corian 816), Add</i> <i>For Integral 14-3/4" x 10-1/2" x 5-1/2" Depth Lavatory Sink (Corian 820), Add</i> <i>For Integral 18-7/8" x 13-3/4" x 5-7/8" Depth Lavatory Sink (Corian 830), Add</i> <i>For Integral 20" x 13-3/8" x 6-1/4" Depth Lavatory Sink (Corian 831), Add</i> <i>For Integral 19-3/4" x 14-1/4" x 5-7/8" Depth Lavatory Sink (Corian 835), Add</i> <i>For Integral 17" x 14" x 6" Depth Lavatory Sink (Corian 837), Add</i> <i>For Up To 1.5 SF Integral Single Basin Kitchen Sink, Add</i> Note: Single or double bowl. <i>For >1.5 To 2.25 SF Integral Single Basin Kitchen Sink, Add</i> Note: Single or double bowl. <i>For >2.25 To 3 SF Integral Single Basin Kitchen Sink, Add</i> Note: Single or double bowl. <i>For >3 SF Integral Single Basin Kitchen Sink, Add</i> Note: Single or double bowl. <i>For >3 SF Integral Double Basin Kitchen Sink, Add</i>	81.12 26.07 15.53 241.03 304.76 222.49 212.06 304.76 304.76 304.76 304.76 304.76 274.63 477.42 639.65 692.95 692.95	11.63
12 36 61 16-0006	LF		1/2" Thick, Solid Color, Solid Surface End Splash For Solid Surface Countertops	27.18	4.94
12 36 61 16-0007	EA		Cutout For Undercounter Sink In Solid Surface Countertop	174.47	
			Note: Not including integral seamed sinks		

12 36 61 16-0008 Integral Seamless Solid Surface Lavatory (12 36 61 16-0001)

Note: Includes sink cutout and hard seam of lavatory to countertop See CSI section 12 36 61 16-0002 for Solid Surface Countertops.

12 Furnishings**12 30 Casework****12 36 Countertops**
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12 36 61 16-0009	EA	16-1/2" x 13-1/8" x 5-1/2" Depth, Integral Solid Surface Lavatory Sink (Corian 810).....	280.58	
12 36 61 16-0010	EA	20-7/16" x 14-7/16" x 6-1/8" Depth, Integral Solid Surface Lavatory Sink (Corian 815).....	344.31	
12 36 61 16-0011	EA	17-3/8" x 10-13/16" x 5-1/2" Depth, Integral Solid Surface Lavatory Sink (Corian 816).....	262.04	
12 36 61 16-0012	EA	14-3/4" x 10-1/2" x 5-1/2" Depth, Integral Solid Surface Lavatory Sink (Corian 820).....	251.61	
12 36 61 16-0013	EA	18-7/8" x 13-3/4" x 5-7/8" Depth, Integral Solid Surface Lavatory Sink (Corian 830).....	344.31	
12 36 61 16-0014	EA	20" x 13-3/8" x 6-1/4" Depth, Integral Solid Surface Lavatory Sink (Corian 831).....	344.31	
12 36 61 16-0015	EA	19-3/4" x 14-1/4" x 5-7/8" Depth, Integral Solid Surface Lavatory Sink (Corian 835).....	344.31	
12 36 61 16-0016	EA	17" x 14" x 6" Depth, Integral Solid Surface Lavatory Sink (Corian 837).....	344.31	

12 36 61 16-0017 Integral Seamless Solid Surface Kitchen Sink (12 36 61 16-0001)

Note: Includes sink cutout and hard seam of sink to countertop See CSI section 12 36 61 16-0002 for Solid Surface Countertops.

12 36 61 16-0018	EA	Up To 1.5 SF, Single Basin, Integral Solid Surface Kitchen Sink.....	367.68	
12 36 61 16-0019	EA	>1.5 To 2.25 SF, Single Basin, Integral Solid Surface Kitchen Sink.....	570.47	
12 36 61 16-0020	EA	>2.25 To 3.0 SF, Single Basin, Integral Solid Surface Kitchen Sink.....	732.70	
12 36 61 16-0021	EA	>3.0 SF, Single Basin, Integral Solid Surface Kitchen Sink.....	786.00	
12 36 61 16-0022	EA	>3.0 SF, Double Basin, Integral Solid Surface Kitchen Sink.....	786.00	

12 36 61 19 Quartz Agglomerate Countertops (12 36 61)**12 36 61 19-0001 Quartz Agglomerate Countertops (12 36 61 19)**

Note: Includes finished ends and all edge types such as bullnose, ogee, roundover, bevel, etc.

12 36 61 19-0002	SF	3/4" Thick, Quartz Agglomerate Countertop Without Backsplash.....	111.81	25.59
12 36 61 19-0003	SF	1-1/4" Thick, Quartz Agglomerate Countertop Without Backsplash.....	135.72	25.59
12 36 61 19-0004	SF	3/4" Thick, Quartz Agglomerate Countertop With Backsplash.....	124.91	29.78
12 36 61 19-0005	SF	1-1/4" Thick, Quartz Agglomerate Countertop With Backsplash.....	148.80	29.78
12 36 61 19-0006	LF	Quartz Agglomerate Countertop End Splash For Quartz Agglomerate Countertops.....	20.21	4.94
12 36 61 19-0007	EA	Cutout For Sink And/Or Faucet In Quartz Agglomerate Countertop.....	174.47	

12 40 Furnishings and Accessories (12)**12 41 Office Accessories (12 40)****12 41 11 Office Accessories (12 41)****12 41 11 00-0001 Wall Mounted Office Accessories (12 41 11)**

12 41 11 00-0002	EA	Manual Pencil Sharpener, Wall Mounted (Bostitch® BOSMPS1BLK).....	24.57	3.91
12 41 11 00-0003	EA	Wall Mounted Flag.....	18.24	3.91

12 41 11 00-0004 Desk Edge Mounted Clamps (12 41 11)

12 41 11 00-0005	EA	Aluminum Desk Edge Clamp Mount Bracket For Plexiglass And Acrylic Panels.....	38.71	
		Note: Adjustable hand screw mounting to fit 3/4" to 2" desk and table tops, clamp adjusts to support 1/8" to 3/8" thick panels.		
		For >10 To 50, Deduct	-9.47	
		For >50, Deduct	-15.16	

12 48 Rugs and Mats (12 40)**12 48 13 Entrance Floor Mats and Frames (12 48)****12 48 13 13 Entrance Floor Mats (12 48 13)****12 48 13 13-0001 Floor Mats (12 48 13 13)**

12 48 13 13-0002	SF	3/8" Thick Solid Recessable Floor Mat.....	32.91	2.52
		For Colors, Add	5.57	
12 48 13 13-0003	SF	1/2" Thick Solid Recessable Floor Mat.....	41.49	2.52
		For Colors, Add	7.29	
12 48 13 13-0004	SF	3/8" Thick Perforated Recessable Floor Mat.....	35.05	2.52
		For Colors, Add	6.00	
12 48 13 13-0005	SF	1/2" Thick Perforated Recessable Floor Mat.....	43.63	2.52
		For Colors, Add	7.72	

12 48 13 13-0006 Link Mats (12 48 13 13)

Note: Includes nosing.

12 48 13 13-0007	SF	3/8" Link Mats, Aluminum.....	46.62	2.52
12 48 13 13-0008	SF	Black Rubber Link Mats With Galvanized Tie Rods.....	34.52	2.52
12 48 13 13-0009	SF	3/8" Thick, Galvanized Steel Link Mats.....	21.92	2.52
12 48 13 13-0010	SF	Vinyl Link Mats, Color.....	37.70	2.52
12 48 13 13-0011	LF	Rubber Nosing.....	4.84	1.11

12 48 13 13-0012 Duckboard (12 48 13 13)

12 48 13 13-0013	SF	Aluminum Slats.....	67.73	3.03
12 48 13 13-0014	SF	Hardwood Strips On Rubber Base.....	16.03	3.03
12 48 13 13-0015	SF	Assembled With Brass Rods And Vinyl Spacers.....	17.50	3.03
12 48 13 13-0016	SF	Tire Fabric, 3/4" Thick.....	22.82	3.03
12 48 13 13-0017	SF	Vinyl, 36" Wide, Hollow Top And Bottom.....	18.43	3.03
12 48 13 13-0018	SF	Vinyl, 36" Wide, Solid Top And Bottom.....	28.22	3.03

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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12 48 13 16 Entrance Floor Mat Frames (12 48 13)
12 48 13 16-0001 Recessed Frames (12 48 13 16)

12 48 13 16-0002	LF		Aluminum Recessed Embedded Frame	28.89	4.65
12 48 13 16-0003	LF		Bronze Recessed Embedded Frame	23.50	4.65

12 50 Furniture (12)
12 59 Systems Furniture (12 59)
12 59 13 Panel-Hung Component System Furniture (12 59)
12 59 13 00-0001 Panel Hung Furniture, Office Systems (12 59 13)

12 59 13 00-0002	EA	Acoustic Panel, 43" High, 24" Wide, NRC .85	546.13		
12 59 13 00-0003	EA	Acoustic Panel, 43" High, 30" Wide, NRC .85	609.55		
12 59 13 00-0004	EA	Acoustic Panel, 43" High, 36" Wide, NRC .85	673.40		
12 59 13 00-0005	EA	Acoustic Panel, 43" High, 48" Wide, NRC .85	806.64		
12 59 13 00-0006	EA	Acoustic Panel, 64" High, 30" Wide, NRC .85	724.92		
12 59 13 00-0007	EA	Acoustic Panel, 64" High, 36" Wide, NRC .85	776.41		
12 59 13 00-0008	EA	Acoustic Panel, 64" High, 42" Wide, NRC .85	901.13		
12 59 13 00-0009	EA	Acoustic Panel, 64" High, 48" Wide, NRC .85	955.61		
12 59 13 00-0010	EA	Acoustic Panel, 64" High, 60" Wide, NRC .85	1,047.12		
12 59 13 00-0011	EA	Bookshelf, 36" Wide, 13-3/4" Depth, 8" High	253.07		
12 59 13 00-0012	EA	Bookshelf, 42" Wide, 13-3/4" Depth, 16" High	265.41		
12 59 13 00-0013	EA	Bookshelf, 48" Wide, 13-3/4" Depth, 8" High	272.86		
12 59 13 00-0014	EA	Cantilever Bracket, 20" Deep, 24" Deep	84.91		
12 59 13 00-0015	PR	Countertop Bracket, Pair	35.48		
12 59 13 00-0016	EA	Flat Bracket, 20" Deep, 24" Wide	43.82		
12 59 13 00-0017	PR	Worksurface Kit, Pair	35.48		
12 59 13 00-0018	EA	Connector Kit, Ell, 43" High, 90" Deep	153.02		
12 59 13 00-0019	EA	Connector Kit, Ell, 64" High, 90" Deep	89.60		
12 59 13 00-0020	EA	Connector Kit, Straight, 43" High	62.16		
12 59 13 00-0021	EA	Connector Kit, Straight, 64" High	64.36		
12 59 13 00-0022	EA	Support Column For Peninsula, 29-1/2" High	219.65		
12 59 13 00-0023	EA	Countertop, 15" Deep, 36" Wide	288.17		
12 59 13 00-0024	EA	Countertop, 15" Deep, 48" Wide	321.39		
12 59 13 00-0025	EA	Duplex Receptacle Circuit 1	31.38		
12 59 13 00-0026	EA	Duplex Receptacle Circuit 2	31.38		
12 59 13 00-0027	EA	Electric Power Harness, 36" Wide	204.75		
12 59 13 00-0028	EA	Electric Power Harness, 42" Wide	209.97		
12 59 13 00-0029	EA	Electric Power Harness, 60" Wide	215.18		
12 59 13 00-0030	EA	Panel End Cover, 43" High	62.16		
12 59 13 00-0031	EA	Panel End Cover, 64" High	62.16		
12 59 13 00-0032	EA	Finish End Cover, 2-way, Variable Height	94.06		
12 59 13 00-0033	EA	Overhead Cabinet With Door, 42" Wide	591.66		
12 59 13 00-0034	EA	Overhead Cabinet With Door, 60" Wide	898.55		
12 59 13 00-0035	EA	Pedestal Spacer, 22" Deep, 15" Wide	101.74		
12 59 13 00-0036	EA	Pedestal Spacer, 28" Deep, 15" Wide	122.79		
12 59 13 00-0037	EA	Pedestal Box, Box, File, 22" Deep, 26" High	715.56		
12 59 13 00-0038	EA	Pedestal Box, Box, File, 28" Deep, 26" High	746.18		
12 59 13 00-0039	EA	Pedestal File, File, 22" Deep, 26" High	667.04		
12 59 13 00-0040	EA	Pedestal Lateral File, 2 Drawer, 30" Wide	940.72		
12 59 13 00-0041	EA	Base In Feed Power Cable	335.86		
12 59 13 00-0042	EA	Task Light, Recessed, 30" - 36" Wide	277.54		
12 59 13 00-0043	EA	Task Light, Recessed, 42" - 48" Wide	300.10		
12 59 13 00-0044	EA	Task Light, Recessed, 60" Wide	324.78		
12 59 13 00-0045	EA	Worksurface, Radius Edge, 24" Deep, 36" Wide	298.81		
12 59 13 00-0046	EA	Worksurface, Radius Edge, 24" Deep, 42" Wide	366.92		
12 59 13 00-0047	EA	Worksurface, Radius Edge, 24" Deep, 48" Wide	391.20		
12 59 13 00-0048	EA	Worksurface, Radius Edge, 24" Deep, 60" Wide	491.23		
12 59 13 00-0049	EA	Worksurface, Radius Edge, 24" Deep, 72" Wide	555.07		
12 59 13 00-0050	EA	Worksurface, Radius Edge, 30" Deep, 42" Wide	470.36		
12 59 13 00-0051	EA	Worksurface, Radius Edge, 30" Deep, 60" Wide	549.12		
12 59 13 00-0052	EA	Worksurface, Radius Edge, 30" Deep, 72" Wide	624.88		
12 59 13 00-0053	EA	Worksurface, Radius Edge, Corner 24" Deep, 36" Wide	718.94		
12 59 13 00-0054	EA	Worksurface, Radius Edge, Corner 24" Deep, 42" Wide	816.81		
12 59 13 00-0055	EA	Worksurface, Peninsula, 36" Wide, 66" Long	940.72		

12 59 13 00-0056 Open Office Systems Furniture Components (12 59 13)

Note: Excludes electrical wire and wiring devices.

12 59 13 00-0057	EA	34H 24W Fabric Covered Panel - Component Systems Furniture	286.23		22.61
		<i>For Tackable Acoustical Barrier Panel, Add</i>	52.84		
		<i>For Acoustical Panel, Add</i>	57.44		
		<i>For Enameled Surface, Deduct</i>	-22.98		
12 59 13 00-0058	EA	34H 30W Fabric Covered Panel - Component Systems Furniture	318.12		25.16
		<i>For Tackable Acoustical Barrier Panel, Add</i>	58.73		
		<i>For Acoustical Panel, Add</i>	63.84		
		<i>For Enameled Surface, Deduct</i>	-25.54		
12 59 13 00-0059	EA	34H 36W Fabric Covered Panel - Component Systems Furniture	340.15		26.79
		<i>For Tackable Acoustical Barrier Panel, Add</i>	62.80		
		<i>For Acoustical Panel, Add</i>	68.26		
		<i>For Enameled Surface, Deduct</i>	-27.30		

12 Furnishings

12 50 Furniture

12 59 Systems Furniture

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 13 00-0060	EA		34H 48W Fabric Covered Panel - Component Systems Furniture.....	381.15	30.09
			<i>For Tackable Acoustical Barrier Panel, Add</i>	70.37	
			<i>For Acoustical Panel, Add</i>	76.49	
			<i>For Enameled Surface, Deduct</i>	-30.60	
12 59 13 00-0061	EA		42H 24W Fabric Covered Panel - Component Systems Furniture.....	290.79	22.93
			<i>For Tackable Acoustical Barrier Panel, Add</i>	53.69	
			<i>For Acoustical Panel, Add</i>	58.36	
			<i>For Enameled Surface, Deduct</i>	-23.34	
12 59 13 00-0062	EA		42H 30W Fabric Covered Panel - Component Systems Furniture.....	328.74	25.89
			<i>For Tackable Acoustical Barrier Panel, Add</i>	60.69	
			<i>For Acoustical Panel, Add</i>	65.97	
			<i>For Enameled Surface, Deduct</i>	-26.39	
12 59 13 00-0063	EA		42H 36W Fabric Covered Panel - Component Systems Furniture.....	368.22	29.10
			<i>For Tackable Acoustical Barrier Panel, Add</i>	67.98	
			<i>For Acoustical Panel, Add</i>	73.90	
			<i>For Enameled Surface, Deduct</i>	-29.56	
12 59 13 00-0064	EA		42H 48W Fabric Covered Panel - Component Systems Furniture.....	432.78	34.11
			<i>For Tackable Acoustical Barrier Panel, Add</i>	79.90	
			<i>For Acoustical Panel, Add</i>	86.85	
			<i>For Enameled Surface, Deduct</i>	-34.74	
12 59 13 00-0065	EA		62H 12W Fabric Covered Panel - Component Systems Furniture.....	280.15	22.11
			<i>For Tackable Acoustical Barrier Panel, Add</i>	51.72	
			<i>For Acoustical Panel, Add</i>	56.22	
			<i>For Enameled Surface, Deduct</i>	-22.49	
12 59 13 00-0066	EA		62H 24W Fabric Covered Panel - Component Systems Furniture.....	344.70	27.20
			<i>For Tackable Acoustical Barrier Panel, Add</i>	63.64	
			<i>For Acoustical Panel, Add</i>	69.18	
			<i>For Enameled Surface, Deduct</i>	-27.67	
12 59 13 00-0067	EA		62H 36W Fabric Covered Panel - Component Systems Furniture.....	431.27	34.03
			<i>For Tackable Acoustical Barrier Panel, Add</i>	79.62	
			<i>For Acoustical Panel, Add</i>	86.55	
			<i>For Enameled Surface, Deduct</i>	-34.62	
12 59 13 00-0068	EA		62H 48W Fabric Covered Panel - Component Systems Furniture.....	516.27	40.69
			<i>For Tackable Acoustical Barrier Panel, Add</i>	95.32	
			<i>For Acoustical Panel, Add</i>	103.61	
			<i>For Enameled Surface, Deduct</i>	-41.44	
12 59 13 00-0069	EA		34" Draw Rod Panel Connector Hardware	15.63	1.23
12 59 13 00-0070	EA		42" Draw Rod Panel Connector Hardware	15.63	1.23
12 59 13 00-0071	EA		62" Draw Rod Panel Connector Hardware	16.67	1.31
12 59 13 00-0072	EA		34" Two-Way 90 Degree Panel Connector Hardware.....	71.90	5.67
12 59 13 00-0073	EA		42" Two-Way 90 Degree Panel Connector Hardware.....	83.36	6.58
12 59 13 00-0074	EA		62" Two-Way 90 Degree Panel Connector Hardware.....	95.87	7.56
12 59 13 00-0075	EA		34" Three-Way 90 Degree Panel Connector Hardware.....	111.50	8.79
12 59 13 00-0076	EA		42" Three-Way 90 Degree Panel Connector Hardware.....	129.22	10.19
12 59 13 00-0077	EA		62" Three-Way 90 Degree Panel Connector Hardware.....	150.06	11.84
12 59 13 00-0078	EA		34" Four-Way 90 Degree Panel Connector Hardware.....	140.69	11.09
12 59 13 00-0079	EA		42" Four-Way 90 Degree Panel Connector Hardware.....	164.65	12.99
12 59 13 00-0080	EA		62" Four-Way 90 Degree Panel Connector Hardware.....	198.00	15.62
12 59 13 00-0081	EA		34" Panel End Cap Hardware	23.97	1.89
12 59 13 00-0082	EA		42" Panel End Cap Hardware	27.09	2.14
12 59 13 00-0083	EA		62" Panel End Cap Hardware	29.17	2.30
12 59 13 00-0084	EA		28" Variable Height Panel End Filler.....	26.44	2.14
			Note: Field cut to appropriate length.		
12 59 13 00-0085	EA		Two-Way Trim Cover For Cable Management Raceway.....	13.60	1.06
12 59 13 00-0086	EA		Three-Way Trim Cover For Cable Management Raceway.....	14.35	1.15
12 59 13 00-0087	EA		Four-Way Trim Cover For Cable Management Raceway.....	16.62	1.31
12 59 13 00-0088	EA		Finished End Trim Cover For Cable Management Raceway.....	13.60	1.06
12 59 13 00-0089	EA		12" Cable Management Raceway Assembly.....	27.95	2.22
			Note: Includes base plate, two side covers, and 2 side cover fillers.		
12 59 13 00-0090	EA		24" Cable Management Raceway Assembly.....	31.74	2.47
			Note: Includes base plate, two side covers, and 2 side cover fillers.		
12 59 13 00-0091	EA		30" Cable Management Raceway Assembly.....	32.48	2.55
			Note: Includes base plate, two side covers, and 2 side cover fillers.		
12 59 13 00-0092	EA		36" Cable Management Raceway Assembly.....	36.27	2.88
			Note: Includes base plate, two side covers, and 2 side cover fillers.		
12 59 13 00-0093	EA		48" Cable Management Raceway Assembly.....	40.79	3.20
			Note: Includes base plate, two side covers, and 2 side cover fillers.		
12 59 13 00-0094	EA		24" x 36" Radiused Edge Rectangular Hanging Work Surface.....	219.42	17.27
12 59 13 00-0095	EA		30" x 36" Radiused Edge Rectangular Hanging Work Surface.....	270.28	21.29
12 59 13 00-0096	EA		24" x 48" Radiused Edge Rectangular Hanging Work Surface.....	255.11	20.14
12 59 13 00-0097	EA		30" x 48" Radiused Edge Rectangular Hanging Work Surface.....	318.90	25.16
12 59 13 00-0098	EA		24" x 60" Radiused Edge Rectangular Hanging Work Surface.....	321.92	25.40
12 59 13 00-0099	EA		30" x 60" Radiused Edge Rectangular Hanging Work Surface.....	405.45	32.05
12 59 13 00-0100	EA		24" x 72" Radiused Edge Rectangular Hanging Work Surface.....	391.01	30.83
12 59 13 00-0101	EA		30" x 72" Radiused Edge Rectangular Hanging Work Surface.....	491.20	38.72
12 59 13 00-0102	EA		30" x 60" Radiused Edge Table.....	872.59	68.88
12 59 13 00-0103	EA		30" x 72" Radiused Edge Table.....	953.56	75.29
12 59 13 00-0104	EA		14" x 24" Radiused Edge Transaction Surface.....	104.78	8.30
12 59 13 00-0105	EA		14" x 36" Radiused Edge Transaction Surface.....	119.19	9.37
12 59 13 00-0106	EA		14" x 48" Radiused Edge Transaction Surface.....	133.63	10.52
12 59 13 00-0107	EA		14" x 60" Radiused Edge Transaction Surface.....	166.26	13.15
12 59 13 00-0108	EA		14" x 72" Radiused Edge Transaction Surface.....	199.67	15.78
12 59 13 00-0109	EA		14" Right Angle Corner Transaction Surface.....	349.27	27.54
12 59 13 00-0110	EA		Transaction Surface Support.....	27.67	2.18
12 59 13 00-0111	EA		Plastic Pencil Drawer.....	30.32	2.14
12 59 13 00-0112	EA		15-1/2" x 24" Hanging Shelf.....	102.01	8.05
12 59 13 00-0113	EA		15-1/2" x 36" Hanging Shelf.....	111.06	8.71
12 59 13 00-0114	EA		15-1/2" x 48" Hanging Shelf.....	118.62	9.37

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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12 59 13 00-0115	EA		24" Flipper Door - Top And Front Closure Note: Used with hanging shelf.	176.03	13.89
12 59 13 00-0116	EA		36" Flipper Door - Top And Front Closure Note: Used with hanging shelf.	205.50	16.27
12 59 13 00-0117	EA		48" Flipper Door - Top And Front Closure Note: Used with hanging shelf.	235.72	18.58
12 59 13 00-0118	EA		24" Suspended Lateral File, Lockable	607.10	47.63
12 59 13 00-0119	EA		30" Suspended Lateral File, Lockable	641.21	50.31
12 59 13 00-0120	EA		36" Suspended Lateral File, Lockable	676.57	53.08
12 59 13 00-0121	EA		48" Suspended Lateral File, Lockable	739.97	58.06
12 59 13 00-0122	EA		Fully Adjustable Vinyl Keyboard Tray	275.03	21.70
12 59 13 00-0123	EA		Palm Rest For Vinyl Keyboard Tray.....	43.05	3.45
12 59 13 00-0124	EA		24" x 36" Radiused Edge Corner Work Surface	347.46	27.45
12 59 13 00-0125	EA		File Drawer Organizer.....	111.83	8.79
12 59 13 00-0126	EA		Suspended Lateral File Converter Bracket.....	24.18	1.89
12 59 13 00-0127	EA		Utility Task Light	120.89	9.54

12 59 13 00-0128 Disassemble And Store Systems Furniture Components (12 59 13)

12 59 13 00-0129	EA		Disassemble And Store 34H 24W Fabric Covered Panel.....	28.25	
12 59 13 00-0130	EA		Disassemble And Store 34H 30W Fabric Covered Panel.....	31.39	
12 59 13 00-0131	EA		Disassemble And Store 34H 36W Fabric Covered Panel.....	33.57	
12 59 13 00-0132	EA		Disassemble And Store 34H 48W Fabric Covered Panel.....	37.61	
12 59 13 00-0133	EA		Disassemble And Store 42H 24W Fabric Covered Panel.....	28.69	
12 59 13 00-0134	EA		Disassemble And Store 42H 30W Fabric Covered Panel.....	32.44	
12 59 13 00-0135	EA		Disassemble And Store 42H 36W Fabric Covered Panel.....	36.34	
12 59 13 00-0136	EA		Disassemble And Store 42H 48W Fabric Covered Panel.....	42.70	
12 59 13 00-0137	EA		Disassemble And Store 62H 12W Fabric Covered Panel.....	27.65	
12 59 13 00-0138	EA		Disassemble And Store 62H 24W Fabric Covered Panel.....	34.02	
12 59 13 00-0139	EA		Disassemble And Store 62H 36W Fabric Covered Panel.....	42.56	
12 59 13 00-0140	EA		Disassemble And Store 62H 48W Fabric Covered Panel.....	50.96	
12 59 13 00-0141	EA		Disassemble And Store 34" Draw Rod Panel Connector Hardware	1.55	
12 59 13 00-0142	EA		Disassemble And Store 42" Draw Rod Panel Connector Hardware	1.55	
12 59 13 00-0143	EA		Disassemble And Store 62" Draw Rod Panel Connector Hardware	1.65	
12 59 13 00-0144	EA		Disassemble And Store 34" Two-Way 90 Degree Panel Connector Hardware	7.10	
12 59 13 00-0145	EA		Disassemble And Store 42" Two-Way 90 Degree Panel Connector Hardware	8.23	
12 59 13 00-0146	EA		Disassemble And Store 62" Two-Way 90 Degree Panel Connector Hardware	9.47	
12 59 13 00-0147	EA		Disassemble And Store 34" Three-Way 90 Degree Panel Connector Hardware	11.00	
12 59 13 00-0148	EA		Disassemble And Store 42" Three-Way 90 Degree Panel Connector Hardware	12.75	
12 59 13 00-0149	EA		Disassemble And Store 62" Three-Way 90 Degree Panel Connector Hardware	14.81	
12 59 13 00-0150	EA		Disassemble And Store 34" Four-Way 90 Degree Panel Connector Hardware	13.88	
12 59 13 00-0151	EA		Disassemble And Store 42" Four-Way 90 Degree Panel Connector Hardware	16.25	
12 59 13 00-0152	EA		Disassemble And Store 62" Four-Way 90 Degree Panel Connector Hardware	19.53	
12 59 13 00-0153	EA		Disassemble And Store 34" Panel End Cap Hardware.....	2.37	
12 59 13 00-0154	EA		Disassemble And Store 42" Panel End Cap Hardware.....	2.67	
12 59 13 00-0155	EA		Disassemble And Store 62" Panel End Cap Hardware.....	2.88	
12 59 13 00-0156	EA		Disassemble And Store Variable Height Panel End Filler.....	2.61	
12 59 13 00-0157	EA		Disassemble And Store Two-Way Trim Cover For Cable Management Raceway	1.35	
12 59 13 00-0158	EA		Disassemble And Store Three-Way Trim Cover For Cable Management Raceway.....	1.42	
12 59 13 00-0159	EA		Disassemble And Store Four-Way Trim Cover For Cable Management Raceway	1.64	
12 59 13 00-0160	EA		Disassemble And Store Finished End Trim Cover For Cable Management Raceway.....	1.35	
12 59 13 00-0161	EA		Disassemble And Store 12" Cable Management Raceway Assembly.....	2.76	
12 59 13 00-0162	EA		Disassemble And Store 24" Cable Management Raceway Assembly.....	3.13	
12 59 13 00-0163	EA		Disassemble And Store 30" Cable Management Raceway Assembly.....	3.20	
12 59 13 00-0164	EA		Disassemble And Store 36" Cable Management Raceway Assembly.....	3.58	
12 59 13 00-0165	EA		Disassemble And Store 48" Cable Management Raceway Assembly.....	4.03	
12 59 13 00-0166	EA		Disassemble And Store 24" x 36" Radiused Edge Rectangular Hanging Work Surface	21.65	
12 59 13 00-0167	EA		Disassemble And Store 30" x 36" Radiused Edge Rectangular Hanging Work Surface	26.67	
12 59 13 00-0168	EA		Disassemble And Store 24" x 48" Radiused Edge Rectangular Hanging Work Surface	25.18	
12 59 13 00-0169	EA		Disassemble And Store 30" x 48" Radiused Edge Rectangular Hanging Work Surface	31.47	
12 59 13 00-0170	EA		Disassemble And Store 24" x 60" Radiused Edge Rectangular Hanging Work Surface	31.77	
12 59 13 00-0171	EA		Disassemble And Store 30" x 60" Radiused Edge Rectangular Hanging Work Surface	40.01	
12 59 13 00-0172	EA		Disassemble And Store 24" x 72" Radiused Edge Rectangular Hanging Work Surface	38.59	
12 59 13 00-0173	EA		Disassemble And Store 30" x 72" Radiused Edge Rectangular Hanging Work Surface	48.48	
12 59 13 00-0174	EA		Disassemble And Store 30" x 60" Radiused Edge Table.....	74.87	
12 59 13 00-0175	EA		Disassemble And Store 30" x 72" Radiused Edge Table.....	94.08	
12 59 13 00-0176	EA		Disassemble And Store 14" x 24" Radiused Edge Transaction Surface.....	10.34	
12 59 13 00-0177	EA		Disassemble And Store 14" x 36" Radiused Edge Transaction Surface.....	11.76	
12 59 13 00-0178	EA		Disassemble And Store 14" x 48" Radiused Edge Transaction Surface.....	13.19	
12 59 13 00-0179	EA		Disassemble And Store 14" x 60" Radiused Edge Transaction Surface.....	16.40	
12 59 13 00-0180	EA		Disassemble And Store 14" x 72" Radiused Edge Transaction Surface.....	19.71	
12 59 13 00-0181	EA		Disassemble And Store 14" Right Angle Corner Transaction Surface.....	34.47	
12 59 13 00-0182	EA		Disassemble And Store Transaction Surface Support.....	2.72	
12 59 13 00-0183	EA		Disassemble And Store Plastic Pencil Drawer.....	2.69	
12 59 13 00-0184	EA		Disassemble And Store 15-1/2" x 24" Hanging Shelf	10.07	
12 59 13 00-0185	EA		Disassemble And Store 15-1/2" x 36" Hanging Shelf	10.96	
12 59 13 00-0186	EA		Disassemble And Store 15-1/2" x 48" Hanging Shelf	11.70	
12 59 13 00-0187	EA		Disassemble And Store 24" Flipper Door And Shelf.....	17.37	
12 59 13 00-0188	EA		Disassemble And Store 36" Flipper Door And Shelf.....	20.28	
12 59 13 00-0189	EA		Disassemble And Store 48" Flipper Door And Shelf.....	23.26	
12 59 13 00-0190	EA		Disassemble And Store 24" Suspended Lateral File	59.54	
12 59 13 00-0191	EA		Disassemble And Store 30" Suspended Lateral File	62.88	
12 59 13 00-0192	EA		Disassemble And Store 36" Suspended Lateral File	66.35	
12 59 13 00-0193	EA		Disassemble And Store 48" Suspended Lateral File	72.57	
12 59 13 00-0194	EA		Disassemble And Store Fully Adjustable Vinyl Keyboard Tray.....	27.14	

12 Furnishings**12 50 Furniture****12 59 Systems Furniture**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

12 59 13 00-0195	EA	Disassemble And Store 24" x 36" Radiused Edge Corner Work Surface	34.29
12 59 13 00-0196	EA	Disassemble And Store Utility Task Light	11.93

12 59 13 00-0197 Reconfigure Systems Furniture Components (12 59 13)

12 59 13 00-0198	EA	Reconfigure 34H 24W Fabric Covered Panel	30.12
12 59 13 00-0199	EA	Reconfigure 34H 30W Fabric Covered Panel	33.47
12 59 13 00-0200	EA	Reconfigure 34H 36W Fabric Covered Panel	35.79
12 59 13 00-0201	EA	Reconfigure 34H 48W Fabric Covered Panel	40.10
12 59 13 00-0202	EA	Reconfigure 42H 24W Fabric Covered Panel	30.60
12 59 13 00-0203	EA	Reconfigure 42H 30W Fabric Covered Panel	34.59
12 59 13 00-0204	EA	Reconfigure 42H 36W Fabric Covered Panel	38.74
12 59 13 00-0205	EA	Reconfigure 42H 48W Fabric Covered Panel	45.53
12 59 13 00-0206	EA	Reconfigure 62H 12W Fabric Covered Panel	29.48
12 59 13 00-0207	EA	Reconfigure 62H 24W Fabric Covered Panel	36.27
12 59 13 00-0208	EA	Reconfigure 62H 36W Fabric Covered Panel	45.37
12 59 13 00-0209	EA	Reconfigure 62H 48W Fabric Covered Panel	54.32
12 59 13 00-0210	EA	Reconfigure 34" Draw Rod Panel Connector Hardware	1.65
12 59 13 00-0211	EA	Reconfigure 42" Draw Rod Panel Connector Hardware	1.65
12 59 13 00-0212	EA	Reconfigure 62" Draw Rod Panel Connector Hardware	1.76
12 59 13 00-0213	EA	Reconfigure 34" Two-Way 90 Degree Panel Connector Hardware	7.57
12 59 13 00-0214	EA	Reconfigure 42" Two-Way 90 Degree Panel Connector Hardware	8.77
12 59 13 00-0215	EA	Reconfigure 62" Two-Way 90 Degree Panel Connector Hardware	10.09
12 59 13 00-0216	EA	Reconfigure 34" Three-Way 90 Degree Panel Connector Hardware	11.73
12 59 13 00-0217	EA	Reconfigure 42" Three-Way 90 Degree Panel Connector Hardware	13.59
12 59 13 00-0218	EA	Reconfigure 62" Three-Way 90 Degree Panel Connector Hardware	15.79
12 59 13 00-0219	EA	Reconfigure 34" Four-Way 90 Degree Panel Connector Hardware	14.81
12 59 13 00-0220	EA	Reconfigure 42" Four-Way 90 Degree Panel Connector Hardware	17.33
12 59 13 00-0221	EA	Reconfigure 62" Four-Way 90 Degree Panel Connector Hardware	20.83
12 59 13 00-0222	EA	Reconfigure 34" Panel End Cap Hardware	2.52
12 59 13 00-0223	EA	Reconfigure 42" Panel End Cap Hardware	2.85
12 59 13 00-0224	EA	Reconfigure 62" Panel End Cap Hardware	3.07
12 59 13 00-0225	EA	Reconfigure Variable Height Panel End Filler	2.78
12 59 13 00-0226	EA	Reconfigure Two-Way Trim Cover For Cable Management Raceway	1.44
12 59 13 00-0227	EA	Reconfigure Three-Way Trim Cover For Cable Management Raceway	1.51
12 59 13 00-0228	EA	Reconfigure Four-Way Trim Cover For Cable Management Raceway	1.75
12 59 13 00-0229	EA	Reconfigure Finished End Trim Cover For Cable Management Raceway	1.44
12 59 13 00-0230	EA	Reconfigure 12" Cable Management Raceway Assembly	2.94
12 59 13 00-0231	EA	Reconfigure 24" Cable Management Raceway Assembly	3.34
12 59 13 00-0232	EA	Reconfigure 30" Cable Management Raceway Assembly	3.41
12 59 13 00-0233	EA	Reconfigure 36" Cable Management Raceway Assembly	3.81
12 59 13 00-0234	EA	Reconfigure 48" Cable Management Raceway Assembly	4.30
12 59 13 00-0235	EA	Reconfigure 24" x 36" Radiused Edge Rectangular Hanging Work Surface	23.09
12 59 13 00-0236	EA	Reconfigure 30" x 36" Radiused Edge Rectangular Hanging Work Surface	28.44
12 59 13 00-0237	EA	Reconfigure 24" x 48" Radiused Edge Rectangular Hanging Work Surface	26.84
12 59 13 00-0238	EA	Reconfigure 30" x 48" Radiused Edge Rectangular Hanging Work Surface	33.55
12 59 13 00-0239	EA	Reconfigure 24" x 60" Radiused Edge Rectangular Hanging Work Surface	33.87
12 59 13 00-0240	EA	Reconfigure 30" x 60" Radiused Edge Rectangular Hanging Work Surface	42.66
12 59 13 00-0241	EA	Reconfigure 24" x 72" Radiused Edge Rectangular Hanging Work Surface	41.14
12 59 13 00-0242	EA	Reconfigure 30" x 72" Radiused Edge Rectangular Hanging Work Surface	51.68
12 59 13 00-0243	EA	Reconfigure 30" x 60" Radiused Edge Table	91.82
12 59 13 00-0244	EA	Reconfigure 30" x 72" Radiused Edge Table	100.33
12 59 13 00-0245	EA	Reconfigure 14" x 24" Radiused Edge Transaction Surface	11.02
12 59 13 00-0246	EA	Reconfigure 14" x 36" Radiused Edge Transaction Surface	12.54
12 59 13 00-0247	EA	Reconfigure 14" x 48" Radiused Edge Transaction Surface	14.06
12 59 13 00-0248	EA	Reconfigure 14" x 60" Radiused Edge Transaction Surface	17.50
12 59 13 00-0249	EA	Reconfigure 14" x 72" Radiused Edge Transaction Surface	21.01
12 59 13 00-0250	EA	Reconfigure 14" Right Angle Corner Transaction Surface	36.75
12 59 13 00-0251	EA	Reconfigure Transaction Surface Support	2.90
12 59 13 00-0252	EA	Reconfigure 15-1/2" x 24" Hanging Shelf	10.73
12 59 13 00-0253	EA	Reconfigure 15-1/2" x 36" Hanging Shelf	11.68
12 59 13 00-0254	EA	Reconfigure 15-1/2" x 48" Hanging Shelf	12.48
12 59 13 00-0255	EA	Reconfigure 24" Flipper Door And Shelf	18.52
12 59 13 00-0256	EA	Reconfigure 36" Flipper Door And Shelf	21.62
12 59 13 00-0257	EA	Reconfigure 48" Flipper Door And Shelf	24.80
12 59 13 00-0258	EA	Reconfigure 24" Suspended Lateral File	63.51
12 59 13 00-0259	EA	Reconfigure 30" Suspended Lateral File	67.08
12 59 13 00-0260	EA	Reconfigure 36" Suspended Lateral File	70.78
12 59 13 00-0261	EA	Reconfigure 48" Suspended Lateral File	77.42
12 59 13 00-0262	EA	Reconfigure 24" x 36" Radiused Edge Corner Work Surface	36.56

12 59 16 Free-Standing Component System Furniture (12 59)**12 59 16 00-0001 Furniture, Office Systems** (12 59 16)

12 59 16 00-0002	EA	Desk Top, 24" Deep x 48" Wide	762.67
12 59 16 00-0003	EA	Desk Top, 30" Deep x 48" Wide	963.62
12 59 16 00-0004	EA	Desk Top, 30" Deep x 60" Wide	1,076.94
12 59 16 00-0005	EA	Desk Top, 30" Deep x 72" Wide	1,154.14
12 59 16 00-0006	EA	File, Mobile, 2-Drawer, 22" Deep	1,014.47
12 59 16 00-0007	EA	File, Suspended, 2-Drawer, 22" Deep	850.28
12 59 16 00-0008	EA	File, Undercounter, 2-Drawer, 22" Deep	970.51
12 59 16 00-0009	EA	File, Undercounter, 2 Box, 1 File, 22" Deep	1,026.08
12 59 16 00-0010	EA	Keyboard Platform With Articulating Arm	568.06
12 59 16 00-0011	EA	End Support Leg	392.35

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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12 59 16 00-0012	EA		Modesty Panel, 48" Wide.....	172.81	
12 59 16 00-0013	EA		Modesty Panel, Return	188.15	
12 59 16 00-0014	EA		Pencil/Utility Drawer.....	303.47	
12 59 16 00-0015	EA		Privacy Screen, 48" Wide x 17-20" High.....	503.14	
12 59 16 00-0016	EA		Privacy Screen, 72" Wide x 17-20" High.....	699.73	
12 59 16 00-0017	EA		Printer Stand, 30" Deep x 36" Wide.....	1,062.02	
12 59 16 00-0018	EA		Printer Stand, Universal.....	1,424.41	
12 59 16 00-0019	EA		Paper Basket.....	125.78	
12 59 16 00-0020	EA		Storage Unit With Doors, 60" Wide.....	1,663.67	
12 59 16 00-0021	EA		Storage Unit With Doors, 72" Wide.....	1,983.73	
12 59 16 00-0022	EA		Table, Peninsula, 30" x 72".....	1,113.51	
12 59 16 00-0023	EA		Return Table, 24" x 48".....	831.08	
12 59 16 00-0024	EA		Round Conference Return, 42" Diameter	940.72	
12 59 16 00-0025	EA		Work Surface, 24" Deep x 48" Wide.....	580.16	
12 59 16 00-0026	EA		Work Surface, 30" Deep x 30" Wide.....	549.12	
12 59 16 00-0027	EA		Work Surface, 30" Deep x 60" Wide.....	764.80	
12 59 16 00-0028	EA		Work Surface, 30" Deep x 72" Wide.....	801.27	
12 59 16 00-0029	EA		Corner Bridge, 30" x 42".....	855.55	
12 59 16 00-0030	EA		Peninsula, 30" x 60".....	1,202.33	
12 59 16 00-0031	EA		Connector Plate.....	31.41	

12 59 16 00-0032 Herman Miller Systems Furniture (12 59 16)
12 59 16 00-0033 Herman Miller Systems Furniture (12 59 16 00-0032)

12 59 16 00-0034	EA		Series 1 Panel Camel 34H 24W Herman Miller, AO120.3424-LN-V3827.....	286.23	22.61
			<i>For Owner Furnished Material, Deduct</i>	-229.76	
12 59 16 00-0035	EA		Series 1 Panel Camel 34H 30W Herman Miller, AO120.3430-LN-V3827.....	318.12	25.16
			<i>For Owner Furnished Material, Deduct</i>	-255.36	
12 59 16 00-0036	EA		Series 1 Panel Camel 34H 36W Herman Miller, AO120.3436-LN-V3827.....	340.15	26.79
			<i>For Owner Furnished Material, Deduct</i>	-273.04	
12 59 16 00-0037	EA		Series 1 Panel Camel 34H 48W Herman Miller, AO120.3448-LN-V3827.....	381.15	30.09
			<i>For Owner Furnished Material, Deduct</i>	-305.96	
12 59 16 00-0038	EA		Series 1 Panel Camel 42H 24W Herman Miller, AO120.4224-LN-V3827.....	290.79	22.93
			<i>For Owner Furnished Material, Deduct</i>	-233.42	
12 59 16 00-0039	EA		Series 1 Panel Camel 42H 30W Herman Miller, AO120.4230-LN-V3827.....	328.74	25.89
			<i>For Owner Furnished Material, Deduct</i>	-263.89	
12 59 16 00-0040	EA		Series 1 Panel Camel 42H 36W Herman Miller, AO120.4236-LN-V3827.....	368.22	29.10
			<i>For Owner Furnished Material, Deduct</i>	-295.58	
12 59 16 00-0041	EA		Series 1 Panel Camel 42H 48W Herman Miller, AO120.4248-LN-V3827.....	432.78	34.11
			<i>For Owner Furnished Material, Deduct</i>	-347.40	
12 59 16 00-0042	EA		Series 1 Panel Camel 62H 12W Herman Miller, AO130.6212-LN-V3827.....	280.15	22.11
			<i>For Owner Furnished Material, Deduct</i>	-224.88	
12 59 16 00-0043	EA		Series 1 Panel Terra Cotta 62H 12W Herman Miller, AO130.6212-LN-V3850.....	280.15	22.11
			<i>For Owner Furnished Material, Deduct</i>	-224.88	
12 59 16 00-0044	EA		Series 1 Panel Camel 62H 24W Herman Miller, AO130.6224-LN-V3827.....	344.70	27.20
			<i>For Owner Furnished Material, Deduct</i>	-276.70	
12 59 16 00-0045	EA		Series 1 Panel Terra Cotta 62H 24W Herman Miller, AO130.6224-LN-V3850.....	344.70	27.20
			<i>For Owner Furnished Material, Deduct</i>	-276.70	
12 59 16 00-0046	EA		Series 1 Panel Camel 62H 36W Herman Miller, AO130.6236-LN-V3827.....	431.27	34.03
			<i>For Owner Furnished Material, Deduct</i>	-346.18	
12 59 16 00-0047	EA		Series 1 Panel Terra Cotta 62H 36W Herman Miller, AO130.6236-LN-V3850.....	431.27	34.03
			<i>For Owner Furnished Material, Deduct</i>	-346.18	
12 59 16 00-0048	EA		Series 1 Panel Camel 62H 48W Herman Miller, AO130.6248-LN-V3827.....	516.27	40.69
			<i>For Owner Furnished Material, Deduct</i>	-414.44	
12 59 16 00-0049	EA		Series 1 Panel Hardware Panel Connector - 34" Herman Miller, AO215.34.....	15.63	1.23
			<i>For Owner Furnished Material, Deduct</i>	-12.55	
12 59 16 00-0050	EA		Series 1 Panel Hardware Panel Connector - 42" Herman Miller, AO215.42.....	15.63	1.23
			<i>For Owner Furnished Material, Deduct</i>	-12.55	
12 59 16 00-0051	EA		Series 1 Panel Hardware Panel Connector - 62" Herman Miller, AO215.62.....	16.67	1.31
			<i>For Owner Furnished Material, Deduct</i>	-13.38	
12 59 16 00-0052	EA		Series 1 Panel Hardware 34" Two-Way 90 Herman Miller, AO220.34-LN.....	71.90	5.67
			<i>For Owner Furnished Material, Deduct</i>	-57.72	
12 59 16 00-0053	EA		Series 1 Panel Hardware 42" Two-Way 90 Herman Miller, AO220.42-LN.....	83.36	6.58
			<i>For Owner Furnished Material, Deduct</i>	-66.92	
12 59 16 00-0054	EA		Series 1 Panel Hardware 62" Two-Way 90 Herman Miller, AO220.62-LN.....	95.87	7.56
			<i>For Owner Furnished Material, Deduct</i>	-76.96	
12 59 16 00-0055	EA		Series 1 Panel Hardware 34" Three-Way 90 Herman Miller, AO230.34-LN.....	111.50	8.79
			<i>For Owner Furnished Material, Deduct</i>	-89.51	
12 59 16 00-0056	EA		Series 1 Panel Hardware 42" Three-Way 90 Herman Miller, AO230.42-LN.....	129.22	10.19
			<i>For Owner Furnished Material, Deduct</i>	-103.73	
12 59 16 00-0057	EA		Series 1 Panel Hardware 62" Three-Way 90 Herman Miller, AO230.62-LN.....	150.06	11.84
			<i>For Owner Furnished Material, Deduct</i>	-120.46	
12 59 16 00-0058	EA		Series 1 Panel Hardware 34" Four-Way 90 Herman Miller, AO240.34-LN.....	140.69	11.09
			<i>For Owner Furnished Material, Deduct</i>	-112.93	
12 59 16 00-0059	EA		Series 1 Panel Hardware 42" Four-Way 90 Herman Miller, AO240.42-LN.....	164.65	12.99
			<i>For Owner Furnished Material, Deduct</i>	-132.17	
12 59 16 00-0060	EA		Series 1 Panel Hardware 62" Four-Way 90 Herman Miller, AO240.62-LN.....	198.00	15.62
			<i>For Owner Furnished Material, Deduct</i>	-158.94	
12 59 16 00-0061	EA		Series 1 Panel Hardware Panel End Cap-34" Herman Miller, AO250.34-LN.....	23.97	1.89
			<i>For Owner Furnished Material, Deduct</i>	-19.24	
12 59 16 00-0062	EA		Series 1 Panel Hardware Panel End Cap-42" Herman Miller, AO250.42-LN.....	27.09	2.14
			<i>For Owner Furnished Material, Deduct</i>	-21.75	
12 59 16 00-0063	EA		Series 1 Panel Hardware Panel End Cap-62" Herman Miller, AO250.62-LN.....	29.17	2.30
			<i>For Owner Furnished Material, Deduct</i>	-23.42	
12 59 16 00-0064	EA		Series 1 Panel Hardware Variable Height Filler Herman Miller, AO259.LN.....	26.44	2.14
			<i>For Owner Furnished Material, Deduct</i>	-21.22	

12 Furnishings

12 50 Furniture

12 59 Systems Furniture



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

12 59 16 00-0065	EA	Series 1 Cable Management Two-Way Trim Cover Herman Miller, AO362.2-DT	13.60	1.06
		<i>For Owner Furnished Material, Deduct</i>	-10.92	
12 59 16 00-0066	EA	Series 1 Cable Management Three-Way Trim Cover Herman Miller, AO362.3-DT	14.35	1.15
		<i>For Owner Furnished Material, Deduct</i>	-11.52	
12 59 16 00-0067	EA	Series 1 Cable Management Four-Way Trim Cover Herman Miller, AO362.4-DT	16.62	1.31
		<i>For Owner Furnished Material, Deduct</i>	-13.34	
12 59 16 00-0068	EA	Series 1 Cable Management End Cap Trim Cover Herman Miller, AO363-DT	13.60	1.06
		<i>For Owner Furnished Material, Deduct</i>	-10.92	
12 59 16 00-0069	EA	Series 1 Cable Management Assembly 12" Herman Miller, AO380.12-DT	27.95	2.22
		<i>For Owner Furnished Material, Deduct</i>	-22.44	
12 59 16 00-0070	EA	Series 1 Cable Management Assembly 24" Herman Miller, AO380.24-DT	31.74	2.47
		<i>For Owner Furnished Material, Deduct</i>	-25.48	
12 59 16 00-0071	EA	Series 1 Cable Management Assembly 30" Herman Miller, AO380.30-DT	32.48	2.55
		<i>For Owner Furnished Material, Deduct</i>	-26.08	
12 59 16 00-0072	EA	Series 1 Cable Management Assembly 36" Herman Miller, AO380.36-DT	36.27	2.88
		<i>For Owner Furnished Material, Deduct</i>	-29.11	
12 59 16 00-0073	EA	Series 1 Cable Management Assembly 48" Herman Miller, AO380.48-DT	40.79	3.20
		<i>For Owner Furnished Material, Deduct</i>	-32.74	
12 59 16 00-0074	EA	Hanging Work Surface Radiused Edge 24" x 36" Herman Miller, AO417.2436-M8-DT	219.42	17.27
		<i>For Owner Furnished Material, Deduct</i>	-176.13	
12 59 16 00-0075	EA	Hanging Work Surface Radiused Edge 24" x 36" Herman Miller, AO417.2436-OL-DT	219.42	17.27
		<i>For Owner Furnished Material, Deduct</i>	-176.13	
12 59 16 00-0076	EA	Hanging Work Surface Radiused Edge 30" x 36" Herman Miller, AO417.3036-M8-DT	270.28	21.29
		<i>For Owner Furnished Material, Deduct</i>	-216.97	
12 59 16 00-0077	EA	Hanging Work Surface Radiused Edge 30" x 36" Herman Miller, AO417.3036-OL-DT	270.28	21.29
		<i>For Owner Furnished Material, Deduct</i>	-216.97	
12 59 16 00-0078	EA	Hanging Work Surface Radiused Edge 24" x 48" Herman Miller, AO417.2448-M8-DT	255.11	20.14
		<i>For Owner Furnished Material, Deduct</i>	-204.78	
12 59 16 00-0079	EA	Hanging Work Surface Radiused Edge 24" x 48" Herman Miller, AO417.2448-OL-DT	255.11	20.14
		<i>For Owner Furnished Material, Deduct</i>	-204.78	
12 59 16 00-0080	EA	Hanging Work Surface Radiused Edge 30" x 48" Herman Miller, AO417.3048-M8-DT	318.90	25.16
		<i>For Owner Furnished Material, Deduct</i>	-255.98	
12 59 16 00-0081	EA	Hanging Work Surface Radiused Edge 30" x 48" Herman Miller, AO417.3048-OL-DT	318.90	25.16
		<i>For Owner Furnished Material, Deduct</i>	-255.98	
12 59 16 00-0082	EA	Hanging Work Surface Radiused Edge 24" x 60" Herman Miller, AO417.2460-M8-DT	321.92	25.40
		<i>For Owner Furnished Material, Deduct</i>	-258.42	
12 59 16 00-0083	EA	Hanging Work Surface Radiused Edge 24" x 60" Herman Miller, AO417.2460-OL-DT	321.92	25.40
		<i>For Owner Furnished Material, Deduct</i>	-258.42	
12 59 16 00-0084	EA	Hanging Work Surface Radiused Edge 30" x 60" Herman Miller, AO417.3060-M8-DT	405.45	32.05
		<i>For Owner Furnished Material, Deduct</i>	-325.46	
12 59 16 00-0085	EA	Hanging Work Surface Radiused Edge 30" x 60" Herman Miller, AO417.3060-OL-DT	405.45	32.05
		<i>For Owner Furnished Material, Deduct</i>	-325.46	
12 59 16 00-0086	EA	Hanging Work Surface Radiused Edge 24" x 72" Herman Miller, AO417.2472-M8-DT	391.01	30.83
		<i>For Owner Furnished Material, Deduct</i>	-313.87	
12 59 16 00-0087	EA	Hanging Work Surface Radiused Edge 24" x 72" Herman Miller, AO417.2472-OL-DT	391.01	30.83
		<i>For Owner Furnished Material, Deduct</i>	-313.87	
12 59 16 00-0088	EA	Hanging Work Surface Radiused Edge 30" x 72" Herman Miller, AO417.3072-M8-DT	491.20	38.72
		<i>For Owner Furnished Material, Deduct</i>	-394.32	
12 59 16 00-0089	EA	Hanging Work Surface Radiused Edge 30" x 72" Herman Miller, AO417.3072-OL-DT	491.20	38.72
		<i>For Owner Furnished Material, Deduct</i>	-394.32	
12 59 16 00-0090	EA	Table - Radiused Edge 30" x 60" Herman Miller, AO712.3060-M8-DT	758.59	59.84
		<i>For Owner Furnished Material, Deduct</i>	-608.93	
12 59 16 00-0091	EA	Table - Radiused Edge 30" x 60" Herman Miller, AO712.3060-OL-DT	872.59	68.88
		<i>For Owner Furnished Material, Deduct</i>	-700.49	
12 59 16 00-0092	EA	Table - Radiused Edge 30" x 72" Herman Miller, AO712.3072-M8-DT	828.79	65.35
		<i>For Owner Furnished Material, Deduct</i>	-665.31	
12 59 16 00-0093	EA	Table - Radiused Edge 30" x 72" Herman Miller, AO712.3072-OL-DT	953.56	75.29
		<i>For Owner Furnished Material, Deduct</i>	-765.38	
12 59 16 00-0094	EA	Counter Cap 24" Herman Miller, AO450.1424-M8-DT	104.78	8.30
		<i>For Owner Furnished Material, Deduct</i>	-84.11	
12 59 16 00-0095	EA	Counter Cap 24" Herman Miller, AO450.1424-OL-DT	104.78	8.30
		<i>For Owner Furnished Material, Deduct</i>	-84.11	
12 59 16 00-0096	EA	Counter Cap 36" Herman Miller, AO450.1436-M8-DT	119.19	9.37
		<i>For Owner Furnished Material, Deduct</i>	-95.68	
12 59 16 00-0097	EA	Counter Cap 36" Herman Miller, AO450.1436-OL-DT	119.19	9.37
		<i>For Owner Furnished Material, Deduct</i>	-95.68	
12 59 16 00-0098	EA	Counter Cap 48" Herman Miller, AO450.1448-M8-DT	133.63	10.52
		<i>For Owner Furnished Material, Deduct</i>	-107.27	
12 59 16 00-0099	EA	Counter Cap 48" Herman Miller, AO450.1448-OL-DT	133.63	10.52
		<i>For Owner Furnished Material, Deduct</i>	-107.27	
12 59 16 00-0100	EA	Counter Cap 60" Herman Miller, AO450.1460-M8-DT	166.26	13.15
		<i>For Owner Furnished Material, Deduct</i>	-133.46	
12 59 16 00-0101	EA	Counter Cap 60" Herman Miller, AO450.1460-OL-DT	166.26	13.15
		<i>For Owner Furnished Material, Deduct</i>	-133.46	
12 59 16 00-0102	EA	Counter Cap 72" Herman Miller, AO450.1472-M8-DT	199.67	15.78
		<i>For Owner Furnished Material, Deduct</i>	-160.28	
12 59 16 00-0103	EA	Counter Cap 72" Herman Miller, AO450.1472-OL-DT	199.67	15.78
		<i>For Owner Furnished Material, Deduct</i>	-160.28	
12 59 16 00-0104	EA	Corner Counter Cap (Right Angle) Herman Miller, AO653-M8-DT	349.27	27.54
		<i>For Owner Furnished Material, Deduct</i>	-280.36	
12 59 16 00-0105	EA	Corner Counter Cap (Right Angle) Herman Miller, AO653-OL-DT	349.27	27.54
		<i>For Owner Furnished Material, Deduct</i>	-280.36	
12 59 16 00-0106	EA	Pencil Drawer Herman Miller, AO480-DT	30.32	2.14
		<i>For Owner Furnished Material, Deduct</i>	-24.95	
12 59 16 00-0107	EA	Shelf 24" Herman Miller, AO520.1324-LN	102.01	8.05
		<i>For Owner Furnished Material, Deduct</i>	-81.88	
12 59 16 00-0108	EA	Shelf 36" Herman Miller, AO520.1336-LN	111.06	8.71
		<i>For Owner Furnished Material, Deduct</i>	-89.15	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 16 00-0109	EA		Shelf 48" Herman Miller, AO520.1348-LN <i>For Owner Furnished Material, Deduct</i>	118.62 -95.22	9.37
12 59 16 00-0110	EA		Flipper Door 24" (Keyed Between UM 226 and UM300) Herman Miller, AO550.1324-LN-V3860 <i>For Owner Furnished Material, Deduct</i>	176.03 -141.30	13.89
12 59 16 00-0111	EA		Flipper Door 36" (Keyed Between UM 226 and UM300) Herman Miller, AO550.1336-LN-V3860 <i>For Owner Furnished Material, Deduct</i>	205.50 -164.96	16.27
12 59 16 00-0112	EA		Flipper Door 48" (Keyed Between UM 226 and UM300) Herman Miller, AO550.1348-LN-V3860 <i>For Owner Furnished Material, Deduct</i>	235.72 -189.22	18.58
12 59 16 00-0113	EA		Vinyl Keyboard Tray (Fully Adjustable) Herman Miller, G7715.BU <i>For Owner Furnished Material, Deduct</i>	275.03 -220.77	21.70
12 59 16 00-0114	EA		Palm Rest For Vinyl Keyboard Tray Herman Miller, G7790 <i>For Owner Furnished Material, Deduct</i>	43.05 -34.56	3.45
12 59 16 00-0115	EA		Drawer Pedestal Loop Pull Stationary 24D File/File Herman Miller, PEDDIFF24 <i>For Owner Furnished Material, Deduct</i>	494.28 -396.76	38.96
12 59 16 00-0116	EA		Drawer Pedestal Loop Pull Stationary 24D Box /Box/File Herman Miller, PEDDIBBF24 <i>For Owner Furnished Material, Deduct</i>	512.13 -411.10	40.44
12 59 16 00-0117	EA		Stationary Divider Herman Miller, G5911.19 <i>For Owner Furnished Material, Deduct</i>	111.83 -89.77	8.79
12 59 16 00-0118	EA		Utility Tray, Herman Miller, G5912 <i>For Owner Furnished Material, Deduct</i>	14.35 -11.52	1.15
12 59 16 00-0119	EA		File Converter Herman Miller, G5913 <i>For Owner Furnished Material, Deduct</i>	24.18 -19.41	1.89
12 59 16 00-0120	EA		Radiused Edge Corner Work Surface Herman Miller, AO421.2436L-M8-DT <i>For Owner Furnished Material, Deduct</i>	347.46 -278.92	27.45
12 59 16 00-0121	EA		Radiused Edge Corner Work Surface Herman Miller, AO421.2436L-OL-DT <i>For Owner Furnished Material, Deduct</i>	347.46 -278.92	27.45
12 59 16 00-0122	EA		Task Light Herman Miller, G6130.24M-LN <i>For Owner Furnished Material, Deduct</i>	120.89 -97.04	9.54
12 59 16 00-0123	EA		48" Round With Steel X Base Herman Miller <i>For Owner Furnished Material, Deduct</i>	934.96 -750.49	73.81
12 59 16 00-0124	EA		Double Sided Name Plate Herman Miller, MISCPAO375OBKO <i>For Owner Furnished Material, Deduct</i>	47.62 -38.22	3.78
12 59 16 00-0125	EA		Single Sided Name Plate Herman Miller, MISCPAO376OBKO <i>For Owner Furnished Material, Deduct</i>	20.82 -16.71	1.65

12 59 16 00-0126 Disassemble And Store (12 59 16 00-0032)

12 59 16 00-0127	EA		Disassemble And Store Series 1 Panel Camel 34H 24W Herman Miller, AO120.3424-LN-V3827	28.25	
12 59 16 00-0128	EA		Disassemble And Store Series 1 Panel Camel 34H 30W Herman Miller, AO120.3430-LN-V3827	31.39	
12 59 16 00-0129	EA		Disassemble And Store Series 1 Panel Camel 34H 36W Herman Miller, AO120.3436-LN-V3827	33.57	
12 59 16 00-0130	EA		Disassemble And Store Series 1 Panel Camel 34H 48W Herman Miller, AO120.3448-LN-V3827	37.61	
12 59 16 00-0131	EA		Disassemble And Store Series 1 Panel Camel 42H 24W Herman Miller, AO120.4224-LN-V3827	28.69	
12 59 16 00-0132	EA		Disassemble And Store Series 1 Panel Camel 42H 30W Herman Miller, AO120.4230-LN-V3827	32.44	
12 59 16 00-0133	EA		Disassemble And Store Series 1 Panel Camel 42H 36W Herman Miller, AO120.4236-LN-V3827	36.34	
12 59 16 00-0134	EA		Disassemble And Store Series 1 Panel Camel 42H 48W Herman Miller, AO120.4248-LN-V3827	42.70	
12 59 16 00-0135	EA		Disassemble And Store Series 1 Panel Camel 62H 12W Herman Miller, AO130.6212-LN-V3827	27.65	
12 59 16 00-0136	EA		Disassemble And Store Series 1 Panel Terra Cotta 62H 12W Herman Miller, AO130.6212-LN-V3850	27.65	
12 59 16 00-0137	EA		Disassemble And Store Series 1 Panel Camel 62H 24W Herman Miller, AO130.6224-LN-V3827	34.02	
12 59 16 00-0138	EA		Disassemble And Store Series 1 Panel Terra Cotta 62H 24W Herman Miller, AO130.6224-LN-V3850	34.02	
12 59 16 00-0139	EA		Disassemble And Store Series 1 Panel Camel 62H 36W Herman Miller, AO130.6236-LN-V3827	42.56	
12 59 16 00-0140	EA		Disassemble And Store Series 1 Panel Terra Cotta 62H 36W Herman Miller, AO130.6236-LN-V3850	42.56	
12 59 16 00-0141	EA		Disassemble And Store Series 1 Panel Camel 62H 48W Herman Miller, AO130.6248-LN-V3827	50.96	
12 59 16 00-0142	EA		Disassemble And Store Panel Hardware Panel Connector - 34" Series 1. Herman Miller, AO215.34	1.55	
12 59 16 00-0143	EA		Disassemble And Store Panel Hardware Panel Connector - 42" Series 1. Herman Miller, AO215.42	1.55	
12 59 16 00-0144	EA		Disassemble And Store Panel Hardware Panel Connector - 62" Series 1. Herman Miller, AO215.62	1.65	
12 59 16 00-0145	EA		Disassemble And Store Panel Hardware 34" Two-Way 90 Series 1. Herman Miller, AO220.34-LN	7.10	
12 59 16 00-0146	EA		Disassemble And Store Series 1 Panel Hardware 42" Two-Way 90 Herman Miller, AO220.42-LN	8.23	
12 59 16 00-0147	EA		Disassemble And Store Series 1 Panel Hardware 62" Two-Way 90 Herman Miller, AO220.62-LN	9.47	
12 59 16 00-0148	EA		Disassemble And Store Series 1 Panel Hardware 34" Three-Way 90 Herman Miller, AO230.34-LN	11.00	
12 59 16 00-0149	EA		Disassemble And Store Series 1 Panel Hardware 42" Three-Way 90 Herman Miller, AO230.42-LN	12.75	
12 59 16 00-0150	EA		Disassemble And Store Series 1 Panel Hardware 62" Three-Way 90 Herman Miller, AO230.62-LN	14.81	
12 59 16 00-0151	EA		Disassemble And Store Series 1 Panel Hardware 34" Four-Way 90 Herman Miller, AO240.34-LN	13.88	
12 59 16 00-0152	EA		Disassemble And Store Series 1 Panel Hardware 42" Four-Way90 Herman Miller, AO240.42-LN	16.25	
12 59 16 00-0153	EA		Disassemble And Store Series 1 Panel Hardware 62" Four-Way 90 Herman Miller, AO240.62-LN	19.53	
12 59 16 00-0154	EA		Disassemble And Store Panel Hardware Panel End Cap - 34" Series 1, Herman Miller, AO250.34-LN	2.37	
12 59 16 00-0155	EA		Disassemble And Store Panel Hardware Panel End Cap - 42" Herman Miller, AO250.42-LN	2.67	
12 59 16 00-0156	EA		Disassemble And Store Panel Hardware Panel End Cap - 62" Herman Miller, AO250.62-LN	2.88	
12 59 16 00-0157	EA		Disassemble And Store Panel Hardware Variable Height Filler Herman Miller, AO259.LN	2.61	
12 59 16 00-0158	EA		Disassemble And Store Series 1 Cable Management Two-Way Trim Cover. Herman Miller, AO362.2-DT	1.35	
12 59 16 00-0159	EA		Disassemble And Store Series 1 Cable Management Three-Way Trim Cover. Herman Miller, AO362.3-DT	1.42	
12 59 16 00-0160	EA		Disassemble And Store Series 1 Cable Management Four-Way Trim Cover. Herman Miller, AO362.4-DT	1.64	
12 59 16 00-0161	EA		Disassemble And Store Series 1 Cable Management End Cap Trim Cover. Herman Miller, AO363-DT	1.35	
12 59 16 00-0162	EA		Disassemble And Store Series 1 Cable Management Assembly 12" Herman Miller, AO380.12-DT	2.76	
12 59 16 00-0163	EA		Disassemble And Store Series 1 Cable Management Assembly 24" Herman Miller, AO380.24-DT	3.13	
12 59 16 00-0164	EA		Disassemble And Store Series 1 Cable Management Assembly 30" Herman Miller, AO380.30-DT	3.20	
12 59 16 00-0165	EA		Disassemble And Store Series 1 Cable Management Assembly 36" Herman Miller, AO380.36-DT	3.58	
12 59 16 00-0166	EA		Disassemble And Store Series 1 Cable Management Assembly 48" Herman Miller, AO380.48-DT	4.03	
12 59 16 00-0167	EA		Disassemble And Store Hanging Work Surface Radiused Edge 24" x 36" Herman Miller, AO417.2436-M8-DT	21.65	
12 59 16 00-0168	EA		Disassemble And Store Hanging Work Surface Radiused Edge 24" x 36" Herman Miller, AO417.2436-OL-DT	21.65	
12 59 16 00-0169	EA		Disassemble And Store Hanging Work Surface Radiused Edge 30" x 36" Herman Miller, AO417.3036-M8-DT	26.67	
12 59 16 00-0170	EA		Disassemble And Store Hanging Work Surface Radiused Edge 30" x 36" Herman Miller, AO417.3036-OL-DT	26.67	
12 59 16 00-0171	EA		Disassemble And Store Hanging Work Surface Radiused Edge 24" x 48" Herman Miller, AO417.2448-M8-DT	25.18	
12 59 16 00-0172	EA		Disassemble And Store Hanging Work Surface Radiused Edge 24" x 48" Herman Miller, AO417.2448-OL-DT	25.18	
12 59 16 00-0173	EA		Disassemble And Store Hanging Work Surface Radiused Edge 30" x 48" Herman Miller, AO417.3048-M8-DT	31.47	
12 59 16 00-0174	EA		Disassemble And Store Hanging Work Surface Radiused Edge 30" x 48" Herman Miller, AO417.3048-OL-DT	31.47	
12 59 16 00-0175	EA		Disassemble And Store Hanging Work Surface Radiused Edge 24" x 60" Herman Miller, AO417.2460-M8-DT	31.77	
12 59 16 00-0176	EA		Disassemble And Store Hanging Work Surface Radiused Edge 24" x 60" Herman Miller, AO417.2460-OL-DT	31.77	

12 Furnishings

12 50 Furniture

12 59 Systems Furniture

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

12 59 16 00-0177	EA	Disassemble And Store Hanging Work Surface Radiused Edge 30" x 60" Herman Miller, AO417.3060-M8-DT	40.01
12 59 16 00-0178	EA	Disassemble And Store Hanging Work Surface Radiused Edge 30" x 60" Herman Miller, AO417.3060-OL-DT	40.01
12 59 16 00-0179	EA	Disassemble And Store Hanging Work Surface Radiused Edge 24" x 72" Herman Miller, AO417.2472-M8-DT	38.59
12 59 16 00-0180	EA	Disassemble And Store Hanging Work Surface Radiused Edge 24" x 72" Herman Miller, AO417.2472-OL-DT	38.59
12 59 16 00-0181	EA	Disassemble And Store Hanging Work Surface Radiused Edge 30" x 72" Herman Miller, AO417.3072-M8-DT	48.48
12 59 16 00-0182	EA	Disassemble And Store Hanging Work Surface Radiused Edge 30" x 72" Herman Miller, AO417.3072-OL-DT	48.48
12 59 16 00-0183	EA	Disassemble And Store Table - Radiused Edge 30" x 60" Herman Miller, AO712.3060-M8-DT	74.87
12 59 16 00-0184	EA	Disassemble And Store Table - Radiused Edge 30" x 60" Herman Miller, AO712.3060-OL-DT	86.11
12 59 16 00-0185	EA	Disassemble And Store Table - Radiused Edge 30" x 72" Herman Miller, AO712.3072-M8-DT	81.79
12 59 16 00-0186	EA	Disassemble And Store Table - Radiused Edge 30" x 72" Herman Miller, AO712.3072-OL-DT	94.08
12 59 16 00-0187	EA	Disassemble And Store Counter Cap 24" Herman Miller, AO450.1424-M8-DT	10.34
12 59 16 00-0188	EA	Disassemble And Store Counter Cap 24" Herman Miller, AO450.1424-OL-DT	10.34
12 59 16 00-0189	EA	Disassemble And Store Counter Cap 36" Herman Miller, AO450.1436-M8-DT	11.76
12 59 16 00-0190	EA	Disassemble And Store Counter Cap 36" Herman Miller, AO450.1436-OL-DT	11.76
12 59 16 00-0191	EA	Disassemble And Store Counter Cap 48" Herman Miller, AO450.1448-M8-DT	13.19
12 59 16 00-0192	EA	Disassemble And Store Counter Cap 48" Herman Miller, AO450.1448-OL-DT	13.19
12 59 16 00-0193	EA	Disassemble And Store Counter Cap 60" Herman Miller, AO450.1460-M8-DT	16.40
12 59 16 00-0194	EA	Disassemble And Store Counter Cap 60" Herman Miller, AO450.1460-OL-DT	16.40
12 59 16 00-0195	EA	Disassemble And Store Counter Cap 72" Herman Miller, AO450.1472-M8-DT	19.71
12 59 16 00-0196	EA	Disassemble And Store Counter Cap 72" Herman Miller, AO450.1472-OL-DT	19.71
12 59 16 00-0197	EA	Disassemble And Store Corner Counter Cap (Right Angle) Herman Miller, AO653-M8-DT	34.47
12 59 16 00-0198	EA	Disassemble And Store Corner Counter Cap (Right Angle) Herman Miller, AO653-OL-DT	34.47
12 59 16 00-0199	EA	Disassemble And Store Pencil Drawer Herman Miller, AO480.DT	2.69
12 59 16 00-0200	EA	Disassemble And Store Shelf 24" Herman Miller, AO520.1324-LN	10.07
12 59 16 00-0201	EA	Disassemble And Store Shelf 36" Herman Miller, AO520.1336-LN	10.96
12 59 16 00-0202	EA	Disassemble And Store Shelf 48" Herman Miller, AO520.1348-LN	11.70
12 59 16 00-0203	EA	Disassemble And Store Flipper Door 24" (Keyed Between UM 226 and UM300). Herman Miller, AO550.1324-LN-V3860	17.37
12 59 16 00-0204	EA	Disassemble And Store Flipper Door 36" (Keyed Between UM 226 and UM300). Herman Miller, AO550.1336-LN-V3860	20.28
12 59 16 00-0205	EA	Disassemble And Store Flipper Door 48" (Keyed Between UM 226 and UM300). Herman Miller, AO550.1348-LN-V3860	23.26
12 59 16 00-0206	EA	Disassemble And Store Vinyl Keyboard Tray (Fully Adjustable) Herman Miller, G7715.BU	27.14
12 59 16 00-0207	EA	Disassemble And Store Palm Rest For Vinyl Keyboard Tray Herman Miller, G7790	4.25
12 59 16 00-0208	EA	Disassemble And Store Drawer Pedestal Loop Pull Stationary 24D File/File. Herman Miller, PEDDIFF24	48.78
12 59 16 00-0209	EA	Disassemble And Store Drawer Pedestal Loop Pull Stationary 24D Box /Box/File. Herman Miller, PEDDIBBF24	50.53
12 59 16 00-0210	EA	Disassemble And Store Stationary Divider Herman Miller, G5911.19	11.03
12 59 16 00-0211	EA	Disassemble And Store Utility Tray, Herman Miller, G5912	1.42
12 59 16 00-0212	EA	Disassemble And Store File Converter Herman Miller, G5913	2.39
12 59 16 00-0213	EA	Disassemble And Store Radiused Edge Corner Work Surface Herman Miller, AO421.2436L-M8-DT	34.29
12 59 16 00-0214	EA	Disassemble And Store Radiused Edge Corner Work Surface Herman Miller, AO421.2436L-OL-DT	34.29
12 59 16 00-0215	EA	Disassemble And Store Task Light Herman Miller, G6130.24M-LN	11.93
12 59 16 00-0216	EA	Disassemble And Store 48" Round With Steel X Base Herman Miller	92.25
12 59 16 00-0217	EA	Disassemble And Store Double Sided Name Plate Herman Miller, MISCPAO375OBKO	4.70
12 59 16 00-0218	EA	Disassemble And Store Single Sided Name Plate Herman Miller, MISCPAO376OBKO	2.06

12 59 16 00-0219 Reconfigure (12 59 16 00-0032)

12 59 16 00-0220	EA	Reconfigure Series 1 Panel Camel 34H 24W Herman Miller, AO120.3424-LN-V3827	34.71
12 59 16 00-0221	EA	Reconfigure Series 1 Panel Camel 34H 30W Herman Miller, AO120.3430-LN-V3827	38.58
12 59 16 00-0222	EA	Reconfigure Series 1 Panel Camel 34H 36W Herman Miller, AO120.3436-LN-V3827	41.24
12 59 16 00-0223	EA	Reconfigure Series 1 Panel Camel 34H 48W Herman Miller, AO120.3448-LN-V3827	46.22
12 59 16 00-0224	EA	Reconfigure Series 1 Panel Camel 42H 24W Herman Miller, AO120.4224-LN-V3827	35.26
12 59 16 00-0225	EA	Reconfigure Series 1 Panel Camel 42H 30W Herman Miller, AO120.4230-LN-V3827	39.87
12 59 16 00-0226	EA	Reconfigure Series 1 Panel Camel 42H 36W Herman Miller, AO120.4236-LN-V3827	44.64
12 59 16 00-0227	EA	Reconfigure Series 1 Panel Camel 42H 48W Herman Miller, AO120.4248-LN-V3827	52.49
12 59 16 00-0228	EA	Reconfigure Series 1 Panel Camel 62H 12W Herman Miller, AO130.6212-LN-V3850	33.97
12 59 16 00-0229	EA	Reconfigure Series 1 Panel Terra Cotta 62H 12W Herman Miller, AO130.6212-LN-V3850	33.97
12 59 16 00-0230	EA	Reconfigure Series 1 Panel Camel 62H 24W Herman Miller, AO130.6224-LN-V3827	41.81
12 59 16 00-0231	EA	Reconfigure Series 1 Panel Terra Cotta 62H 24W Herman Miller, AO130.6224-LN-V3850	41.81
12 59 16 00-0232	EA	Reconfigure Series 1 Panel Camel 62H 36W Herman Miller, AO130.6236-LN-V3827	52.30
12 59 16 00-0233	EA	Reconfigure Series 1 Panel Terra Cotta 62H 36W Herman Miller, AO130.6236-LN-V3850	52.30
12 59 16 00-0234	EA	Reconfigure Series 1 Panel Camel 62H 48W Herman Miller, AO130.6248-LN-V3827	62.61
12 59 16 00-0235	EA	Reconfigure Series 1 Panel Hardware Panel Connector-34" Herman Miller, AO215.34	1.91
12 59 16 00-0236	EA	Reconfigure Series 1 Panel Hardware Panel Connector-42" Herman Miller, AO215.42	1.91
12 59 16 00-0237	EA	Reconfigure Series 1 Panel Hardware Panel Connector-62" Herman Miller, AO215.62	2.02
12 59 16 00-0238	EA	Reconfigure Series 1 Panel Hardware 34" Two-Way 90, Herman Miller, AO220.34-LN	8.72
12 59 16 00-0239	EA	Reconfigure Series 1 Panel Hardware 42" Two-Way 90 Herman Miller, AO220.42-LN	10.11
12 59 16 00-0240	EA	Reconfigure Series 1 Panel Hardware 62" Two-Way 90 Herman Miller, AO220.62-LN	11.62
12 59 16 00-0241	EA	Reconfigure Series 1 Panel Hardware 34" Three-Way 90 Herman Miller, AO230.34-LN	13.52
12 59 16 00-0242	EA	Reconfigure Series 1 Panel Hardware 42" Three-Way 90 Herman Miller, AO230.42-LN	15.67
12 59 16 00-0243	EA	Reconfigure Series 1 Panel Hardware 62" Three-Way 90 Herman Miller, AO230.62-LN	18.20
12 59 16 00-0244	EA	Reconfigure Series 1 Panel Hardware 34" Four-Way 90 Herman Miller, AO240.34-LN	17.08
12 59 16 00-0245	EA	Reconfigure Series 1 Panel Hardware 42" Four-Way 90 Herman Miller, AO240.42-LN	19.98
12 59 16 00-0246	EA	Reconfigure Series 1 Panel Hardware 62" Four-Way 90 Herman Miller, AO240.62-LN	24.01
12 59 16 00-0247	EA	Reconfigure Series 1 Panel Hardware Panel End Cap-34" Herman Miller, AO250.34-LN	2.90
12 59 16 00-0248	EA	Reconfigure Series 1 Panel Hardware Panel End Cap-42" Herman Miller, AO250.42-LN	3.28
12 59 16 00-0249	EA	Reconfigure Series 1 Panel Hardware Panel End Cap-62" Herman Miller, AO250.62-LN	3.55
12 59 16 00-0250	EA	Reconfigure Series 1 Panel Hardware Variable Height Filler Herman Miller, AO259.LN	3.21
12 59 16 00-0251	EA	Reconfigure Series 1 Cable Management Two-Way Trim Cover Herman Miller, AO362.2-DT	1.66
12 59 16 00-0252	EA	Reconfigure Series 1 Cable Management Three-Way Trim Cover Herman Miller, AO362.3-DT	1.75
12 59 16 00-0253	EA	Reconfigure Series 1 Cable Management Four-Way Trim Cover Herman Miller, AO362.4-DT	2.01
12 59 16 00-0254	EA	Reconfigure Series 1 Cable Management End Cap Trim Cover Herman Miller, AO363-DT	1.66
12 59 16 00-0255	EA	Reconfigure Series 1 Cable Management Assembly 12" Herman Miller, AO380.12-DT	3.39
12 59 16 00-0256	EA	Reconfigure Series 1 Cable Management Assembly 24" Herman Miller, AO380.24-DT	3.84

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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12 59 16 00-0257	EA		Reconfigure Series 1 Cable Management Assembly 30" Herman Miller, AO380.30-DT	3.94	
12 59 16 00-0258	EA		Reconfigure Series 1 Cable Management Assembly 36" Herman Miller, AO380.36-DT	4.38	
12 59 16 00-0259	EA		Reconfigure Series 1 Cable Management Assembly 48" Herman Miller, AO380.48-DT	4.95	
12 59 16 00-0260	EA		Reconfigure Hanging Work Surface Radiused Edge 24" x 36" Herman Miller, AO417.2436-M8-DT	26.60	
12 59 16 00-0261	EA		Reconfigure Hanging Work Surface Radiused Edge 24" x 36" Herman Miller, AO417.2436-OL-DT	26.60	
12 59 16 00-0262	EA		Reconfigure Hanging Work Surface Radiused Edge 30" x 36" Herman Miller, AO417.3036-M8-DT	32.79	
12 59 16 00-0263	EA		Reconfigure Hanging Work Surface Radiused Edge 30" x 36" Herman Miller, AO417.3036-OL-DT	32.79	
12 59 16 00-0264	EA		Reconfigure Hanging Work Surface Radiused Edge 24" x 48" Herman Miller, AO417.2448-M8-DT	30.93	
12 59 16 00-0265	EA		Reconfigure Hanging Work Surface Radiused Edge 24" x 48" Herman Miller, AO417.2448-OL-DT	30.93	
12 59 16 00-0266	EA		Reconfigure Hanging Work Surface Radiused Edge 30" x 48" Herman Miller, AO417.3048-M8-DT	38.66	
12 59 16 00-0267	EA		Reconfigure Hanging Work Surface Radiused Edge 30" x 48" Herman Miller, AO417.3048-OL-DT	38.66	
12 59 16 00-0268	EA		Reconfigure Hanging Work Surface Radiused Edge 24" x 60" Herman Miller, AO417.2460-M8-DT	39.03	
12 59 16 00-0269	EA		Reconfigure Hanging Work Surface Radiused Edge 24" x 60" Herman Miller, AO417.2460-OL-DT	39.03	
12 59 16 00-0270	EA		Reconfigure Hanging Work Surface Radiused Edge 30" x 60" Herman Miller, AO417.3060-M8-DT	49.16	
12 59 16 00-0271	EA		Reconfigure Hanging Work Surface Radiused Edge 30" x 60" Herman Miller, AO417.3060-OL-DT	49.16	
12 59 16 00-0272	EA		Reconfigure Hanging Work Surface Radiused Edge 24" x 72" Herman Miller, AO417.2472-M8-DT	47.43	
12 59 16 00-0273	EA		Reconfigure Hanging Work Surface Radiused Edge 24" x 72" Herman Miller, AO417.2472-OL-DT	47.43	
12 59 16 00-0274	EA		Reconfigure Hanging Work Surface Radiused Edge 30" x 72" Herman Miller, AO417.3072-M8-DT	59.57	
12 59 16 00-0275	EA		Reconfigure Hanging Work Surface Radiused Edge 30" x 72" Herman Miller, AO417.3072-OL-DT	59.57	
12 59 16 00-0276	EA		Reconfigure Table - Radiused Edge 30" x 60" Herman Miller, AO712.3060-M8-DT	92.00	
12 59 16 00-0277	EA		Reconfigure Table - Radiused Edge 30" x 60" Herman Miller, AO712.3060-OL-DT	105.83	
12 59 16 00-0278	EA		Reconfigure Table - Radiused Edge 30" x 72" Herman Miller, AO712.3072-M8-DT	100.53	
12 59 16 00-0279	EA		Reconfigure Table - Radiused Edge 30" x 72" Herman Miller, AO712.3072-OL-DT	115.63	
12 59 16 00-0280	EA		Reconfigure Counter Cap 24" Herman Miller, AO450.1424-M8-DT	12.69	
12 59 16 00-0281	EA		Reconfigure Counter Cap 24" Herman Miller, AO450.1424-OL-DT	12.69	
12 59 16 00-0282	EA		Reconfigure Counter Cap 36" Herman Miller, AO450.1436-M8-DT	14.45	
12 59 16 00-0283	EA		Reconfigure Counter Cap 36" Herman Miller, AO450.1436-OL-DT	14.45	
12 59 16 00-0284	EA		Reconfigure Counter Cap 48" Herman Miller, AO450.1448-M8-DT	16.21	
12 59 16 00-0285	EA		Reconfigure Counter Cap 48" Herman Miller, AO450.1448-OL-DT	16.21	
12 59 16 00-0286	EA		Reconfigure Counter Cap 60" Herman Miller, AO450.1460-M8-DT	20.18	
12 59 16 00-0287	EA		Reconfigure Counter Cap 60" Herman Miller, AO450.1460-OL-DT	20.18	
12 59 16 00-0288	EA		Reconfigure Counter Cap 72" Herman Miller, AO450.1472-M8-DT	24.21	
12 59 16 00-0289	EA		Reconfigure Counter Cap 72" Herman Miller, AO450.1472-OL-DT	24.21	
12 59 16 00-0290	EA		Reconfigure Corner Counter Cap (Right Angle) Herman Miller, AO653-M8-DT	42.37	
12 59 16 00-0291	EA		Reconfigure Corner Counter Cap (Right Angle) Herman Miller, AO653-OL-DT	42.37	
12 59 16 00-0292	EA		Reconfigure Pencil Drawer Herman Miller, AO480.DT	3.29	
12 59 16 00-0293	EA		Reconfigure Shelf 24" Herman Miller, AO520.1324-LN	12.38	
12 59 16 00-0294	EA		Reconfigure Shelf 36" Herman Miller, AO520.1336-LN	13.47	
12 59 16 00-0295	EA		Reconfigure Shelf 48" Herman Miller, AO520.1348-LN	14.39	
12 59 16 00-0296	EA		Reconfigure Flipper Door 24" Keyed between UM 226 and UM300) Herman Miller, AO550.1324-LN-V3860	21.34	
12 59 16 00-0297	EA		Reconfigure Flipper Door 36" Keyed between UM 226 and UM300) Herman Miller, AO550.1336-LN-V3860	24.92	
12 59 16 00-0298	EA		Reconfigure Flipper Door 48" Keyed between UM 226 and UM300) Herman Miller, AO550.1348-LN-V3860	28.58	
12 59 16 00-0299	EA		Reconfigure Vinyl Keyboard Tray (Fully Adjustable) Herman Miller, G7715.BU	33.36	
12 59 16 00-0300	EA		Reconfigure Palm Rest For Vinyl Keyboard Tray Herman Miller, G7790	5.22	
12 59 16 00-0301	EA		Reconfigure Drawer Pedestal Loop Pull Stationary 24D File/File Herman Miller, PEDDIFF24	59.95	
12 59 16 00-0302	EA		Reconfigure Drawer Pedestal Loop Pull Stationary 24D Box/Box/File Herman Miller, PEDDIBBF24	62.10	
12 59 16 00-0303	EA		Reconfigure Stationary Divider Herman Miller, G5911.19	13.55	
12 59 16 00-0304	EA		Reconfigure Utility Tray Herman Miller, G5912	1.75	
12 59 16 00-0305	EA		Reconfigure File Converter Herman Miller, G5913	2.92	
12 59 16 00-0306	EA		Reconfigure Radiused Edge Corner Work Surface Herman Miller, AO421.2436L-M8-DT	42.13	
12 59 16 00-0307	EA		Reconfigure Radiused Edge Corner Work Surface Herman Miller, AO421.2436L-OL-DT	42.13	
12 59 16 00-0308	EA		Reconfigure Task Light Herman Miller, G6130.24M-LN	14.66	
12 59 16 00-0309	EA		Reconfigure 48" Round With Steel X Base Herman Miller	113.38	
12 59 16 00-0310	EA		Reconfigure Double Sided Name Plate Herman Miller, MISCPAO375OBKO	5.77	
12 59 16 00-0311	EA		Reconfigure Single Sided Name Plate Herman Miller, MISCPAO376OBKO	2.52	

END OF SECTION 12

12	12	Furnishings
	12 50	Furniture
	12 59	Systems Furniture

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

13 Special Construction

13 20 Special Purpose Rooms ⁽¹³⁾

13 21 Controlled Environment Rooms ^(13 20)

13 21 26 Cold Storage Rooms ^(13 21)

13 21 26 13 Walk-in Coolers ^(13 21 26)

See CSI section 11 41 23 00-0000 for walk-in coolers.

13 40 Integrated Construction ⁽¹³⁾

13 46 Lightning Protection Systems ^(13 40)

13 46 13 Lightning Protection for Structures ^(13 46)

13 46 13 00-0001 Lightning Protection ^(13 46 13)

See CSI section 26 05 26 00-0001 for conductors.

13 46 13 00-0002 Air Terminals For Lightning Protection ^(13 46 13 00-0001)

13 46 13 00-0003 Copper Lightning Protection Air Terminals ^(13 46 13 00-0002)

13 46 13 00-0004	EA	3/8" x 10" Copper Lightning Protection Air Terminal.....	68.87	11.43
13 46 13 00-0005	EA	1/2" x 12" Copper Lightning Protection Air Terminal.....	85.51	11.43
13 46 13 00-0006	EA	5/8" x 12" Copper Lightning Protection Air Terminal.....	111.58	11.43
13 46 13 00-0007	EA	1/2" x 24" Copper Lightning Protection Air Terminal.....	124.02	11.43
13 46 13 00-0008	EA	1/2" x 60" Copper Lightning Protection Air Terminal.....	241.26	22.85

13 46 13 00-0009 Aluminum Lightning Protection Air Terminals ^(13 46 13 00-0002)

13 46 13 00-0010	EA	3/8" x 10" Aluminum Lightning Protection Air Terminal.....	79.88	11.43
13 46 13 00-0011	EA	1/2" x 12" Aluminum Lightning Protection Air Terminal.....	101.69	11.43
13 46 13 00-0012	EA	5/8" x 12" Aluminum Lightning Protection Air Terminal.....	130.07	11.43
13 46 13 00-0013	EA	1/2" x 24" Aluminum Lightning Protection Air Terminal.....	144.44	11.43
13 46 13 00-0014	EA	1/2" x 60" Aluminum Lightning Protection Air Terminal.....	283.24	22.85

13 46 13 00-0015 Terminal Bases For Lightning Protection ^(13 46 13 00-0001)

13 46 13 00-0016 Copper Lightning Protection Terminal Bases ^(13 46 13 00-0015)

13 46 13 00-0017	EA	Adhesive Base For Copper Lightning Protection Terminal.....	91.39	34.28
13 46 13 00-0018	EA	Bolted Base For Copper Lightning Protection Terminal.....	119.84	45.71
13 46 13 00-0019	EA	Hinged Base For Copper Lightning Protection Terminal.....	162.20	57.13
13 46 13 00-0020	EA	Side Mounted Base For Copper Lightning Protection Terminal.....	119.84	45.71
13 46 13 00-0021	EA	Offset Point Support For Copper Lightning Protection Terminal.....	128.21	45.71
13 46 13 00-0022	EA	Concealed Base Assembly For Copper Lightning Protection Terminal.....	226.97	91.41
13 46 13 00-0023	EA	36" Tripod Base For 60" Copper Lightning Protection Terminal.....	160.01	57.13
13 46 13 00-0024	EA	Intermediate Base For Copper Lightning Protection Terminal.....	91.39	34.28

13 46 13 00-0025 Aluminum Lightning Protection Terminal Bases ^(13 46 13 00-0015)

13 46 13 00-0026	EA	Adhesive Base For Aluminum Lightning Protection Terminal.....	94.39	34.28
13 46 13 00-0027	EA	Bolted Base For Aluminum Lightning Protection Terminal.....	125.28	45.71
13 46 13 00-0028	EA	Hinged Base For Aluminum Lightning Protection Terminal.....	170.84	57.13
13 46 13 00-0029	EA	Side Mounted Base For Aluminum Lightning Protection Terminal.....	125.77	45.71
13 46 13 00-0030	EA	Offset Point Support For Aluminum Lightning Protection Terminal.....	132.70	45.71
13 46 13 00-0031	EA	Concealed Base Assembly For Aluminum Lightning Protection Terminal.....	239.18	91.41
13 46 13 00-0032	EA	36" Tripod Base For 60" Aluminum Lightning Protection Terminal.....	162.12	57.13
13 46 13 00-0033	EA	Intermediate Base For Aluminum Lightning Protection Terminal.....	94.39	34.28

13 46 13 00-0034 Connectors ^(13 46 13 00-0001)

13 46 13 00-0035 Copper Cable Connectors ^(13 46 13 00-0034)

13 46 13 00-0036	EA	Thru Wall Cable Connector For Copper Lightning Protection System.....	184.36	57.13
13 46 13 00-0037	EA	Thru Roof Adapter Assembly For Copper Lightning Protection System.....	249.58	91.41
13 46 13 00-0038	EA	Beam Connector For Copper Lightning Protection System.....	163.72	57.13
13 46 13 00-0039	EA	Double Bolt Cable Connector For Copper Lightning Protection System.....	39.59	11.43
13 46 13 00-0040	EA	Cable To Bar Connector For Copper Lightning Protection System.....	40.81	11.43
13 46 13 00-0041	EA	Tee Connector For Copper Lightning Protection Terminal.....	123.70	34.28

13 46 13 00-0042 Aluminum Cable Connectors ^(13 46 13 00-0034)

13 46 13 00-0043	EA	Thru Wall Cable Connector For Aluminum Lightning Protection System.....	192.10	57.13
13 46 13 00-0044	EA	Thru Roof Adapter Assembly For Aluminum Lightning Protection System.....	267.61	91.41
13 46 13 00-0045	EA	Beam Connector For Aluminum Lightning Protection System.....	177.27	57.13
13 46 13 00-0046	EA	Double Bolt Cable Connector For Aluminum Lightning Protection System.....	43.31	11.43
13 46 13 00-0047	EA	Tee Connector For Aluminum Lightning Protection Terminal.....	127.88	34.28

13 46 13 00-0048 Bonding Plates ^(13 46 13 00-0001)

13 46 13 00-0049 Copper Bonding Plates ^(13 46 13 00-0048)

13 Special Construction**13 40 Integrated Construction****13 46 Lightning Protection Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

13 46 13 00-0050	EA	8" Square I Beam Bonding Plate For Copper Lightning Protection System.....	143.78	57.13
13 46 13 00-0051	EA	8" Square Purlin Bonding Plate For Copper Lightning Protection System.....	148.89	57.13
13 46 13 00-0052	EA	16" Square Bonding Plate For Copper Lightning Protection System.....	218.78	91.41
13 46 13 00-0053		Aluminum Bonding Plates (13 46 13 00-0048)		
13 46 13 00-0054	EA	8" Square I Beam Bonding Plate For Aluminum Lightning Protection System.....	145.12	57.13
13 46 13 00-0055	EA	8" Square Purlin Bonding Plate For Aluminum Lightning Protection System.....	153.03	57.13
13 46 13 00-0056	EA	16" Square Bonding Plate For Aluminum Lightning Protection System.....	218.91	91.41
13 46 13 00-0057		Cable Supports (13 46 13 00-0001)		
13 46 13 00-0058		Copper Cable Supports (13 46 13 00-0057)		
13 46 13 00-0059	EA	Loop Fastener, Copper Cable Supports For Lightning Protection System.....	26.26	11.43
13 46 13 00-0060	EA	Adhesive Cable Holder, Copper Cable Support For Lightning Protection System.....	26.81	11.43
13 46 13 00-0061		Aluminum Cable Supports (13 46 13 00-0057)		
13 46 13 00-0062	EA	Loop Fastener, Aluminum Cable Supports For Lightning Protection System.....	25.83	11.43
13 46 13 00-0063	EA	Adhesive Cable Holder, Aluminum Cable Support For Lightning Protection System.....	25.64	11.43
13 46 13 00-0064		Bonding Straps (13 46 13 00-0001)		
13 46 13 00-0065		Copper Bonding Straps (13 46 13 00-0064)		
13 46 13 00-0066	EA	3/4" x 9-1/2" Flex Braided Strap For Copper Lightning Protection System.....	76.02	34.28
13 46 13 00-0067		Aluminum Bonding Straps (13 46 13 00-0064)		
13 46 13 00-0068	EA	3/4" x 9-1/2" Flex Braided Strap For Aluminum Lightning Protection System.....	77.58	34.28
13 46 13 00-0069		Accessories For Lightning Protection (13 46 13 00-0001) See CSI section 26 05 26 00-0001 for conductors straps and conduit jumpers.		
13 46 13 00-0070		Copper Adapters (13 46 13 00-0069)		
13 46 13 00-0071	EA	Swivel Adapters For Copper Lightning Protection System.....	30.37	5.71
13 46 13 00-0072		Aluminum Adapters (13 46 13 00-0069)		
13 46 13 00-0073	EA	Swivel Adapters For Aluminum Lightning Protection System.....	38.99	5.71
13 46 13 00-0074	EA	Floor Ground Receptacle For Aluminum Lightning Protection System.....	186.49	57.13
13 47 Facility Protection (13 40)				
13 47 13 Cathodic Protection (13 47)				
13 47 13 13 Cathodic Protection for Underground and Submerged Piping (13 47 13)				
13 47 13 13-0001		Anodes (13 47 13 13)		
13 47 13 13-0002		Magnesium Type, Conventional (13 47 13 13-0001)		
13 47 13 13-0003	EA	9 LB Magnesium Type Anodes.....	376.87	165.65
13 47 13 13-0004	EA	17 LB Magnesium Type Anodes.....	558.56	239.42
13 47 13 13-0005	EA	32 LB Magnesium Type Anode.....	760.90	308.02
13 47 13 13-0006	EA	48 LB Magnesium Type Anode.....	1,082.78	430.97
13 47 13 13-0007		Graphite Type (13 47 13 13-0001) Note: Includes epoxy cap.		
13 47 13 13-0008	EA	3" x 60" (32 LB) Graphite Type Anodes With Epoxy Cap.....	560.59	231.74
13 47 13 13-0009	EA	4" x 80" (68 LB) Graphite Type Anodes With Epoxy Cap.....	871.61	323.60
13 47 13 13-0010	EA	6" x 36" (45 LB) Graphite Type Anodes With Epoxy Cap.....	653.76	202.52
13 47 13 13-0011	EA	6" x 72" (80 LB) Graphite Type Anodes With Epoxy Cap.....	999.81	270.37
13 47 13 13-0012		Rectifiers (13 47 13 13)		
13 47 13 13-0013		Air Cooled, Silicon Type (13 47 13 13-0012)		
13 47 13 13-0014	EA	Air Cooled Rectifiers, 28 Volt, 10 Amperes, Silicon Type.....	2,013.47	329.08
13 47 13 13-0015	EA	Air Cooled Rectifiers, 20 Volt / 20 Amperes, Silicon Type.....	2,182.57	329.08
13 47 13 13-0016		Oil Immersed, Silicon Type (13 47 13 13-0012)		
13 47 13 13-0017	EA	Oil Immersed Rectifiers, 28 Volt, 10 Amperes, Silicon Type.....	3,054.60	380.50
13 47 13 13-0018	EA	Oil Immersed Rectifiers, 20 Volt / 20 Amperes, Silicon Type.....	3,235.77	380.50
13 47 13 13-0019		Anode Backfill (13 47 13 13)		
13 47 13 13-0020	LB	Anode Backfill, Coke Breeze.....	1.09	0.42
13 47 13 13-0021		Cathodic Protection Cable (13 47 13 13)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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13 47 13 13-0022	MLF		Cathodic Protection Cable, OR2 - No 8.....	2,133.64	810.05
13 47 13 13-0023	MLF		Cathodic Protection Cable, OR2 - No 6.....	2,361.25	810.05
13 47 13 13-0024	MLF		Cathodic Protection Cable, OR2 - No 4.....	2,702.67	810.05
13 47 13 13-0025	MLF		Cathodic Protection Cable, OR2 - No 2.....	3,271.71	810.05
13 47 13 13-0026	MLF		Cathodic Protection Cable, OR2 - No 1.....	4,058.01	892.52
13 47 13 13-0027	MLF		Cathodic Protection Cable, OR2-No 1/0.....	4,484.78	892.52
13 47 13 13-0028	MLF		Cathodic Protection Cable, OR2-No 2/0.....	5,196.07	892.52
13 47 13 13-0029	MLF		Cathodic Protection Cable, OR2-No 4/0.....	7,063.23	972.90

13 47 13 13-0030 Cathodic Test Stations (13 47 13 13)

13 47 13 13-0031 Flush Curb Box Type With Lockable Cover And Terminal Box (13 47 13 13-0030)

13 47 13 13-0032	EA		Cathodic Test Station, Flush Curb Type With Lockable Cover.....	286.92	94.84
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13 47 13 16 Cathodic Protection for Underground Storage Tanks (13 47 13)

See CSI section 13 47 13 13-0000 for cathodic protection for tanks.

13 48 Sound, Vibration, and Seismic Control (13 40)

13 48 63 Fabricated Seismic Control Assemblies (13 48)

13 48 63 00-0001 Seismic Bracing Assembly (13 48 63)

13 48 63 00-0002	EA		4-Bolt Deck Anchor Connection For Seismic Brace.....	167.62	
			Note: Includes drilling into concrete, bolts, anchor plate, seismic bracket attached with bolt, nut and washer.		
13 48 63 00-0003	EA		2 Cable Seismic Brace With Center Threaded Rod Stiffener.....	158.85	
			Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors.		
13 48 63 00-0004	EA		3 Cable Seismic Brace With Center Threaded Rod Stiffener.....	238.79	
			Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors.		
13 48 63 00-0005	EA		4 Cable Seismic Brace With Center Threaded Rod Stiffener.....	309.94	
			Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors.		
13 48 63 00-0006	EA		2 Channel Seismic Brace With Center Threaded Rod Stiffener.....	336.02	
			Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors.		
13 48 63 00-0007	EA		3 Channel Seismic Brace With Center Threaded Rod Stiffener.....	500.16	
			Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors.		
13 48 63 00-0008	EA		4 Channel Seismic Brace With Center Threaded Rod Stiffener.....	664.29	
			Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors.		
13 48 63 00-0009	EA		2 Rod Seismic Brace With Center Threaded Rod Stiffener.....	188.53	
			Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors.		
13 48 63 00-0010	EA		3 Rod Seismic Brace With Center Threaded Rod Stiffener.....	278.92	
			Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors.		
13 48 63 00-0011	EA		4 Rod Seismic Brace With Center Threaded Rod Stiffener.....	369.30	
			Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors.		

13 48 63 00-0012 Seismic Restraints (13 48 63)

13 48 63 00-0013	EA		1" x 1" Seismic Fastener, Gray, Drilled With 0.187 Diameter Hole.....	5.26	1.17
			Note: Adhesive applied.		
13 48 63 00-0014	EA		1" x 1" Seismic Fastener, Gray, Adhesive Applied.....	4.11	0.58
13 48 63 00-0015	EA		1" x 2" Seismic Fastener, Gray, Drilled With (2) 0.187 Diameter Hole.....	6.89	1.45
			Note: Adhesive applied.		
13 48 63 00-0016	EA		1" x 2" Seismic Fastener, Gray, Adhesive Applied.....	5.23	0.72
13 48 63 00-0017	EA		2" x 2" Seismic Fastener, Gray, Adhesive Applied.....	6.63	0.85
13 48 63 00-0018	EA		2" x 3" Seismic Fastener, Gray, Adhesive Applied.....	11.17	1.03
13 48 63 00-0019	LF		3/4" Wide Seismic Strap, Gray.....	4.72	0.88
13 48 63 00-0020	LF		1" Wide Seismic Strap, Gray.....	6.96	0.88
13 48 63 00-0021	EA		3/4" Wide x 4" Long Seismic Strap, Gray.....	2.27	0.58
13 48 63 00-0022	EA		3/4" Wide x 12" Long Seismic Strap, Gray.....	10.28	1.74
13 48 63 00-0023	LF		Seismic Chord, Black.....	2.81	0.88
13 48 63 00-0024	LF		SAFELOK Seismic Fastener, Black.....	3.75	0.88

13 48 63 00-0025 Seismic Brace Components (13 48 63)

13 48 63 00-0026	EA		1/8" Cable Diameter Seismic Cable Brace Swivel Anchor (Mason SCB-1).....	32.58	
			Note: To be used with 7x19 stranded cable.		
13 48 63 00-0027	EA		3/16" Cable Diameter Seismic Cable Brace Swivel Anchor (Mason SCB-2).....	45.30	
			Note: To be used with 7x19 stranded cable.		
13 48 63 00-0028	EA		1/4" Cable Diameter Seismic Cable Brace Swivel Anchor (Mason SCB-3).....	60.58	
			Note: To be used with 7x19 stranded cable.		
13 48 63 00-0029	EA		3/8" Cable Diameter Seismic Cable Brace Swivel Anchor (Mason SCB-4).....	83.45	
			Note: To be used with 7x19 stranded cable.		
13 48 63 00-0030	EA		Seismic Solid Brace Swivel Anchor (Mason SSB-1).....	30.51	
			Note: To be used with angle or channel.		
13 48 63 00-0031	EA		Seismic Solid Brace Swivel Anchor (Mason SSB-2).....	41.70	
			Note: To be used with angle or channel.		
13 48 63 00-0032	EA		Seismic Solid Brace Swivel Anchor (Mason SSB-3).....	55.30	
			Note: To be used with angle or channel.		
13 48 63 00-0033	EA		Seismic Solid Brace Swivel Anchor (Mason SSB-4).....	75.29	
			Note: To be used with angle or channel.		
13 48 63 00-0034	EA		1/8" Cable Diameter Seismic Cable Brace Hook Anchor (Mason SCBH-1).....	37.30	
			Note: To be used with 7x19 stranded cable.		
13 48 63 00-0035	EA		3/16" Cable Diameter Seismic Cable Brace Hook Anchor (Mason SCBH-2).....	49.70	
			Note: To be used with 7x19 stranded cable.		
13 48 63 00-0036	EA		1/4" Cable Diameter Seismic Cable Brace Hook Anchor (Mason SCBH-3).....	69.69	
			Note: To be used with 7x19 stranded cable.		

13 Special Construction**13 40 Integrated Construction****13 48 Sound, Vibration, and Seismic Control**
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13 48 63 00-0037	EA	1/8" Cable Diameter Seismic Cable Brace Vise Anchor (Mason SCBV-1) Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.	66.49	
13 48 63 00-0038	EA	3/16" Cable Diameter Seismic Cable Brace Vise Anchor (Mason SCBV-2) Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.	94.09	
13 48 63 00-0039	EA	1/4" Cable Diameter Seismic Cable Brace Vise Anchor (Mason SCBV-3) Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.	128.88	
13 48 63 00-0040	EA	Seismic Rod Clamp (Mason SRC-1)..... Note: To be used on 3/8" through 5/8" rod. 1" x 1" x 1/4" Angle or Stiffener not included.	27.90	
13 48 63 00-0041	EA	Seismic Rod Clamp (Mason SRC-1 1/2)..... Note: To be used on 3/8" through 1" rod. 1-1/2" x 1-1/2" x 1/4" Angle or Stiffener not included.	34.30	
13 48 63 00-0042	EA	Seismic Rod Clamp (Mason SRC-2)..... Note: To be used on 3/8" through 1-1/4" rod. 2" x 2" x 1/4" Angle or Stiffener not included.	43.10	

13 49 Radiation Protection (13 49)**13 49 13 Integrated X-Ray Shielding Assemblies** (13 49)

13 49 13 00-0001		Lead Shielding <small>(13 49 13)</small> See CSI section 09 29 10 00-0036 for finishing tasks.		
13 49 13 00-0002	SF	1/16" Sheet Lead Shielding	47.27	6.99
13 49 13 00-0003	SF	1/8" Sheet Lead Shielding	81.74	7.56
13 49 13 00-0004	SF	1/4" Sheet Lead Shielding	147.31	8.14
13 49 13 00-0005	SF	1/2" Sheet Lead Shielding	282.91	10.47

13 49 16 Modular X-Ray Shielding Rooms (13 49)

13 49 16 00-0001		X-Ray Barriers, Modular <small>(13 49 16)</small> Note: Panels mounted within framework for attaching to floor, wall or ceiling, upper portion is clear lead plastic window panels 48" high, lower portion is opaque leaded steel panels 36" high. Excludes structural supports.		
13 49 16 00-0002		36" Wide x 84" High, 1-Section Barrier, Modular X-Ray Barriers <small>(13 49 16 00-0001)</small>		
13 49 16 00-0003	EA	0.5mm LE Panels 1-Section Modular X-Ray Barrier, 36" Wide x 84" High	8,891.98	148.15
13 49 16 00-0004	EA	0.8mm LE Panels 1-Section Modular X-Ray Barrier, 36" Wide x 84" High	9,442.99	148.15
13 49 16 00-0005	EA	1.0mm LE Panels 1-Section Modular X-Ray Barrier, 36" Wide x 84" High	9,722.65	177.78
13 49 16 00-0006	EA	1.5mm LE Panels 1-Section Modular X-Ray Barrier, 36" Wide x 84" High	10,383.86	177.78
13 49 16 00-0007		72" Wide x 84" High, 2-Section Barrier, Modular X-Ray Barriers <small>(13 49 16 00-0001)</small>		
13 49 16 00-0008	EA	0.5mm LE Panels 2-Section Modular X-Ray Barrier, 72"W x 84"H.....	19,098.07	237.04
13 49 16 00-0009	EA	0.8mm LE Panels 2-Section Modular X-Ray Barrier, 72"W x 84"H.....	19,869.48	237.04
13 49 16 00-0010	EA	1.0mm LE Panels 2-Section Modular X-Ray Barrier, 72"W x 84"H.....	20,479.80	266.67
13 49 16 00-0011	EA	1.5mm LE Panels 2-Section Modular X-Ray Barrier, 72"W x 84"H.....	22,081.83	296.29
13 49 16 00-0012		108" Wide x 84" High, 3-Section Barrier, Modular X-Ray Barriers <small>(13 49 16 00-0001)</small>		
13 49 16 00-0013	EA	0.5mm LE Panels 3-Section Modular X-Ray Barrier, 108"W x 84"H.....	29,024.50	296.29
13 49 16 00-0014	EA	0.8mm LE Panels 3-Section Modular X-Ray Barrier, 108"W x 84"H.....	30,457.12	296.29
13 49 16 00-0015	EA	1.0mm LE Panels 3-Section Modular X-Ray Barrier, 108"W x 84"H.....	31,126.64	355.55
13 49 16 00-0016	EA	1.5mm LE Panels 3-Section Modular X-Ray Barrier, 108"W x 84"H.....	33,389.83	385.19
13 49 16 00-0017		X-Ray Barriers, Mobile <small>(13 49 16)</small> Note: Mounted within framework with casters on bottom, clear lead plastic window panels on upper portion, opaque on lower.		
13 49 16 00-0018		30" Wide x 75" High, Mobile X-Ray Barriers <small>(13 49 16 00-0017)</small> Note: Includes Framework		
13 49 16 00-0019	EA	24" H Upper With 0.5mm LE, 48" H Lower With 0.8mm LE Mobile X-Ray Barriers.....	6,119.25	29.09
13 49 16 00-0020		48" Wide x 75" High, Mobile X-Ray Barriers <small>(13 49 16 00-0017)</small> Note: Includes Framework		
13 49 16 00-0021	EA	36"H Upper With 0.5mm LE, 36"H Lower With 0.8mm LE Mobile X-Ray Barriers.....	10,857.90	29.09
13 49 16 00-0022	EA	36"H Upper With 1.0mm LE, 36"H Lower With 0.8mm LE Mobile X-Ray Barriers.....	13,061.92	29.09
13 49 16 00-0023		72" Wide x 75" High, Mobile X-Ray Barriers <small>(13 49 16 00-0017)</small> Note: Includes Framework		
13 49 16 00-0024	EA	36"H Upper With 0.5mm LE, 36"H Lower With 0.8mm LE Mobile X-Ray Barriers.....	12,841.52	29.09
13 49 16 00-0025	EA	36"H Upper With 1.0mm LE, 36"H Lower With 0.8mm LE Mobile X-Ray Barriers.....	16,257.76	29.09

13 49 19 Lead-Lined Materials (13 49)**13 49 19 16 Lead-Lined Drywall** (13 49 19)

13 49 19 16-0001		Lead Lined Drywall <small>(13 49 19 16)</small> See CSI section 09 29 10 00-0036 for finishing tasks.		
13 49 19 16-0002	SF	1/32" Lead Lined 5/8" Fire Rated Drywall	25.79	1.52
13 49 19 16-0003	SF	1/16" Lead Lined 5/8" Fire Rated Drywall	46.11	1.82
13 49 19 16-0004	SF	1/8" Lead Lined 5/8" Fire Rated Drywall	85.22	2.19

	Special Construction	13	13
	Integrated Construction	13 40	
	Radiation Protection	13 49	
MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

END OF SECTION 13

13 Special Construction

13 40 Integrated Construction

13 49 Radiation Protection



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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14 Conveying Equipment

14 01 Operation and Maintenance of Conveying Equipment ⁽¹⁴⁾

14 01 20 Operation and Maintenance of Elevators ^(14 01)

14 01 20 71 Elevator Rehabilitation ^(14 01 20)

14 01 20 71-0001 Elevator Maintenance ^(14 01 20 71)

14 01 20 71-0002	EA	Regular Routine Elevator Inspection, Traction Up to 10 floors (Sufficient for Issue of Certificate/Permit)	582.76	
14 01 20 71-0003	EA	Regular Routine Elevator Inspection, Traction Over 10 floors (Sufficient for Issue of Certificate/Permit)	777.01	
14 01 20 71-0004	EA	Regular Routine Elevator Inspection, Hydraulic (Sufficient for Issue of Certificate/Permit)	485.63	
14 01 20 71-0005	EA	Regular Routine Elevator Inspection, Roped Hydraulic (Sufficient for Issue of Certificate/Permit)	485.63	
14 01 20 71-0006	EA	Regular Routine Elevator Inspection, Dumbwaiter/Cart Lifts (Sufficient for Issue of Certificate/Permit)	291.38	
14 01 20 71-0007	HR	Elevator Servicing - Hydraulic, Labor Only	191.34	
14 01 20 71-0008	HR	Elevator Servicing - Traction, Labor Only	239.17	
14 01 20 71-0009	EA	Annual Category 1 Test for Traction Up to 10 floors	1,389.29	
14 01 20 71-0010	EA	Annual Category 1 Test for Traction Over 10 floors	1,736.61	
14 01 20 71-0011	EA	Annual Category 1 Test for Hydraulic Elevator	694.64	
14 01 20 71-0012	EA	Annual Category 1 Test for Roped Hydraulic Elevator	1,562.95	
14 01 20 71-0013	EA	Annual Category 1 Test for Dumbwaiter/Cart Lifts	1,041.97	
14 01 20 71-0014	EA	Full Load Test for Traction Up to 10 floors	2,431.26	
14 01 20 71-0015	EA	Full Load Test for Traction Over 10 floors	2,778.58	
14 01 20 71-0016	EA	Full Load Test for Hydraulic Elevator	2,083.93	
14 01 20 71-0017	EA	Full Load Test for Roped Hydraulic Elevator	2,604.91	
14 01 20 71-0018	EA	Full Load Test for Dumbwaiter/Cart Lifts	1,389.29	
14 01 20 71-0019	EA	Acceptance Test for Traction Up to 10 floors	2,146.86	
14 01 20 71-0020	EA	Acceptance Test for Traction Over 10 floors	2,415.22	
14 01 20 71-0021	EA	Acceptance Test for Hydraulic Elevator	2,146.86	
14 01 20 71-0022	EA	Acceptance Test for Roped Hydraulic Elevator	2,146.86	
14 01 20 71-0023	EA	Acceptance Test for Dumbwaiter/Cart Lifts	2,146.86	

14 01 20 71-0024 Elevator Modernization ^(14 01 20 71)

14 01 20 71-0025	EA	5" Piston Replacement (Hydraulic) Unit Up To 3 Stories (2,000 LB x 50 FPM)	40,007.69	8,588.43
		Note: Includes replacing existing piston/cylinder, 10 3/4" Sealed PVC, pit channel and buffers.		
		For Union-Guard Cathodic Protection, Add	9,158.69	
		Note: Includes Pump.		
		For An Additional Stop, Add	9,836.37	
		Note: Includes Removal.		
14 01 20 71-0026	EA	6" Piston Replacement (Hydraulic) Unit Up To 3 Stories (2,000 LB x 50 FPM)	43,177.92	10,377.67
		Note: Includes replacing existing piston/cylinder, 10 3/4" Sealed PVC, pit channel and buffers.		
		For Union-Guard Cathodic Protection, Add	9,248.71	
		Note: Includes Pump.		
		For An Additional Stop, Add	10,416.89	
		Note: Includes Removal.		
14 01 20 71-0027	EA	8" Piston Replacement (Hydraulic) Unit Up To 3 Stories (2,000 LB x 50 FPM)	51,316.19	11,809.08
		Note: Includes replacing existing piston/cylinder, 12 3/4" Sealed PVC, pit channel and buffers.		
		For Union-Guard Cathodic Protection, Add	10,689.11	
		Note: Includes Pump.		
		For An Additional Stop, Add	13,240.64	
		Note: Includes Removal.		
14 01 20 71-0028	EA	Removal And Replacement Of Hydraulic Control (Maxton) Valve	5,371.81	
14 01 20 71-0029	EA	5 Gallon Container Of Hydraulic Oil For Elevator Modernization	72.83	
14 01 20 71-0030	EA	55 Gallon Container Of Hydraulic Oil For Elevator Modernization	802.30	
14 01 20 71-0031	SET	Car Roller Guide Assembly, Set Of Four	4,195.00	715.70
		Note: Includes cover plate.		
14 01 20 71-0032	SET	CWT Roller Guide Assembly, Set Of Four	3,553.30	715.70
		Note: Includes cover plate.		
14 01 20 71-0033	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Single Slide Door With Baked Enamel Finish	7,756.58	
		Note: Excludes buildback.		
14 01 20 71-0034	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Single Slide Door With Satin Stainless Finish	8,476.78	
		Note: Excludes buildback.		
14 01 20 71-0035	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Center Opening With Baked Enamel Finish	8,219.31	
		Note: Excludes buildback.		
14 01 20 71-0036	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Center Opening With Satin Stainless Finish	8,939.51	
		Note: Excludes buildback.		
14 01 20 71-0037	SF	Epoxy Aggregate, Elevator Cab Flooring	88.36	20.45
		Note: SF cost not applicable for partial cab flooring.		
14 01 20 71-0038	SF	Aluminum Diamond Plate, Elevator Cab Flooring	75.57	20.45
		Note: SF cost not applicable for partial cab flooring.		
14 01 20 71-0039	SF	1/8" Thick, Vinyl Composition Tile (VCT), Elevator Cab Flooring	13.63	2.68
14 01 20 71-0040	EA	Solid State Starting (Soft Start)	6,111.58	536.77
14 01 20 71-0041	EA	Pump Unit (Tank, Valve, Oil, Motor And Vicaualic Fittings)	19,760.52	2,997.00
14 01 20 71-0042	EA	Hoistway Door Hanger Set (Rollers, Eccentrics And Track), Single Speed Side Slide (GAL Manufacturing)	2,400.62	715.70
14 01 20 71-0043	EA	Hoistway Door Closer Set (Spring Closer), Single Speed Side Slide (GAL Manufacturing)	449.96	178.92
14 01 20 71-0044	EA	Hoistway Door Closer Set (Spirator Closer), Single Speed Side Slide (GAL)	438.87	357.85
14 01 20 71-0045	EA	Hoistway Door Interlock Set, Single Speed Side Slide (GAL Manufacturing)	608.18	313.12
14 01 20 71-0046	EA	Hoistway Door Hanger Set (Rollers, Eccentrics And Track), Single Speed Center Opening (GAL Manufacturing)	2,890.49	715.70
14 01 20 71-0047	EA	Hoistway Door Closer Set (Spring Closer), Single Speed Center Opening (GAL Manufacturing)	604.69	331.01
14 01 20 71-0048	EA	Hoistway Door Closer Set (Spirator Closer), Single Speed Center Opening (GAL)	438.87	357.85
14 01 20 71-0049	EA	Hoistway Door Interlock Set, Single Speed Center Opening (GAL Manufacturing)	744.96	357.85
14 01 20 71-0050	EA	Fire Service Key Switch Controller	3,785.57	715.70
14 01 20 71-0051	EA	ADA Telephone (Rath Microtech)	1,193.05	357.85

14 Conveying Equipment
14 01 Operation and Maintenance of Conveying Equipment
14 01 20 Operation and Maintenance of Elevators

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 01 20 71-0052	EA		Car Door Operator With ADA Buzzer, Single Speed Side Slide (GAL Manufacturing)	8,561.39	1,431.40
14 01 20 71-0053	EA		Car Door Operator With ADA Buzzer, Single Speed Center Opening (GAL Manufacturing)	9,245.59	1,431.40
14 01 20 71-0054	EA		Car Door Safety Edge (Infrared Proximity Type Edge)	2,672.59	357.85
14 01 20 71-0055	EA		Car Operating Panel (ADA, Fire, Position, Chime)	9,047.53	1,431.40
14 01 20 71-0056	EA		Car Position LED Indicator And Cover Plate, Stainless Steel	1,931.04	357.85
14 01 20 71-0057	EA		Car Traveling Lanterns With Audible Signal	1,667.71	357.85
14 01 20 71-0058	EA		Hoistway Door Jamb Floor Tags (Braille)	243.74	178.92
14 01 20 71-0059	EA		Lobby Vandal Resistant Call Station	1,568.69	357.85
14 01 20 71-0060	LF		Traveling Cable (4 - #14 AWG, 69 - #18 AWG, 1 Shielded Pair, 2 Co-Axial)	20.81	
			Note: Excludes Removal and Replacement of Material. See CSI section 14 01 20 71-0061 for Removal and Replacement of Traveling Cable.		
14 01 20 71-0061	EA		Removal And Replacement Of Traveling Cable (4 - #14 AWG, 69 - #18 AWG, 1 Shielded Pair, 2 Co-Axial)	5,725.62	2,862.81
			Note: Excludes Traveling Cable material. See CSI section 14 01 20 71-0060 for Traveling Cable material.		
14 01 20 71-0062	LF		Governor Cable	1.62	
			Note: Removal and Replacement of Governor Cable is part of Traveling Cable Removal and Replacement.		
14 01 20 71-0063	EA		Elevator Cab Wall Coverings (3,500 Lb. Capacity: 6'-8" x 5'-5" Cab), Plastic Laminate - Hang On Panels	6,466.06	715.70
14 01 20 71-0064	EA		Elevator Cab Wall Coverings (3,500 Lb. Capacity: 6'-8" x 5'-5" Cab), Rigid Stainless Steel - Hang On Panels	9,346.86	715.70
14 01 20 71-0065	EA		Removal And Replacement Of Governor	5,424.02	715.70
14 01 20 71-0066	EA		Removal And Replacement Of Car Station	8,615.41	1,431.40
14 01 20 71-0067	EA		Removal And Replacement Of Telephone	1,802.75	357.85
14 01 20 71-0068	EA		Removal And Replacement Of Hall Lanterns	1,345.88	357.85
14 01 20 71-0069	EA		Hall Call Buttons, Vandal Resistant	1,075.80	357.85
14 01 20 71-0070	EA		Hall Traveling Lanterns With Audible Signal	1,703.73	357.85
14 01 20 71-0071	EA		Add Raised Character (Braille) Signage To Control Panel	199.99	178.92
14 01 20 71-0072	EA		New Microprocessor Based Controller (Non-Proprietary)	46,218.88	5,725.62
14 01 20 71-0073	EA		New Steel Shell And Canopy (Excludes Plastic Panels), For 5' x 7' Cab	26,593.43	5,725.62
14 01 20 71-0074	EA		New Steel Shell, Canopy And Platform (Excludes Plastic Laminate), For 5' x 7' Cab	41,321.54	5,725.62
14 01 20 71-0075	EA		Removal And Replacement Of Elevator/Hoistway Doors (Single Slide Door Arrangement), Baked Enamel	3,335.44	
14 01 20 71-0076	EA		Removal And Replacement Of Elevator/Hoistway Doors (Center Opening Door Arrangement), Baked Enamel	3,533.49	
14 01 20 71-0077	EA		Removal And Replacement Of Elevator/Hoistway Doors (Single Slide Door Arrangement), Stainless Steel	3,751.36	
14 01 20 71-0078	EA		Removal And Replacement Of Elevator/Hoistway Doors (Center Opening Door Arrangement), Stainless Steel	3,989.02	
14 01 20 71-0079	EA		Elevator Pit Ladder, Steel	3,137.39	357.85
			Note: Labor cost is for bolting to concrete pit wall.		
14 01 20 71-0080	EA		New Steel Shell, Canopy, Platform, Standard Cab Plastic Laminate, For 5' x 7' Cab	51,386.35	5,725.62
14 01 20 71-0081	LF		Removal And Replacement Of Hoisting Cable, 3/8" - Liftpac, Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 4.5, EHS Traction Steel - 5.5	131.34	
			Note: Labor cost is for replacement of set of 4 ropes and rise of 40 feet.		
14 01 20 71-0082	LF		Removal And Replacement Of Hoisting Cable, 1/2" - Liftpac, Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 6.0, EHS Traction Steel - 9.7	140.02	
			Note: Labor cost is for replacement of set of 4 ropes and rise of 40 feet.		
14 01 20 71-0083	LF		Removal And Replacement Of Hoisting Cable, 5/8" - Liftpac, Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 12.7, EHS Traction Steel - 15.4	145.97	
			Note: Labor cost is for replacement of set of 4 ropes and rise of 40 feet.		
14 01 20 71-0084	EA		Hydraulic Leak Detector And Alarm in Elevator Pit (Stancor Oil Minder - 0.5 HP)	9,399.52	715.70
14 01 20 71-0085	EA		6" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening)	3,767.56	715.70
			Note: Cladding typically done by metal company.		
14 01 20 71-0086	EA		8" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening)	3,857.59	715.70
			Note: Cladding typically done by metal company.		
14 01 20 71-0087	EA		10" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening)	3,947.61	715.70
			Note: Cladding typically done by metal company.		
14 01 20 71-0088	EA		12" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening)	4,055.64	715.70
			Note: Cladding typically done by metal company.		
14 01 20 71-0089	EA		"Rope Gripper" With Pumping Unit For Use On 4-7/8" Maximum Out to Out Of Cable	8,448.86	715.70
14 01 20 71-0090	EA		"Rope Gripper" With Pumping Unit For Use On 6" Maximum Out to Out Of Cable	8,448.86	715.70
14 01 20 71-0091	EA		"Rope Gripper" With Pumping Unit For Use On 10" Maximum Out to Out Of Cable	12,049.86	715.70
14 01 20 71-0092	EA		"Rope Gripper" With Pumping Unit For Use On 11-1/2" Maximum Out to Out Of Cable	13,850.36	715.70
14 01 20 71-0093	EA		60 Amperes, Elevator Disconnect Switch, 3 Phase, 480 - 120 Volt, Firesafety Interface Relay, Mechanical Interlock	4,734.78	181.95
14 01 20 71-0094	EA		100 Amperes, Elevator Disconnect Switch, 3 Phase, 480 - 120 Volt, Firesafety Interface Relay, Mechanical Interlock	4,950.00	218.34
14 01 20 71-0095	EA		200 Amperes, Elevator Disconnect Switch, 3 Phase, 480 - 120 Volt, Firesafety Interface Relay, Mechanical Interlock	6,533.64	254.73
14 01 20 71-0096	EA		Aluminum Handrail Spacers With Set Screw	216.32	178.92
14 01 20 71-0097	EA		Bronze Handrail Spacers With Set Screw	221.30	178.92
14 01 20 71-0098	LF		1/2" x 2" Round Stainless Steel Elevator Handrail	149.92	42.10
14 01 20 71-0099	LF		3/8" x 2" Flat Bar Stainless Steel Elevator Handrail, Brushed Finish	144.05	42.10
14 01 20 71-0100	LF		3/8" x 3" Flat Bar Stainless Steel Elevator Handrail, Brushed Finish	171.49	42.10
14 01 20 71-0101	LF		3/8" x 2" Flat Bar Stainless Steel Elevator Handrail, Mirror Finish	190.07	42.10
14 01 20 71-0102	LF		3/8" x 3" Flat Bar Stainless Steel Elevator Handrail, Mirror Finish	217.73	42.10
14 01 20 71-0103	LF		3/8" x 2" Flat Bar Bronze Steel Elevator Handrail, Brushed Finish	174.95	42.10
14 01 20 71-0104	LF		3/8" x 3" Flat Bar Bronze Steel Elevator Handrail, Brushed Finish	199.36	42.10
14 01 20 71-0105	LF		3/8" x 2" Flat Bar Bronze Steel Elevator Handrail, Mirror Finish	311.39	42.10
14 01 20 71-0106	LF		3/8" x 3" Flat Bar Bronze Steel Elevator Handrail, Mirror Finish	350.13	42.10
14 01 20 71-0107	LF		3/8" x 1-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish	143.11	42.10
14 01 20 71-0108	LF		3/8" x 2" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish	144.61	42.10
14 01 20 71-0109	LF		3/8" x 2-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish	185.17	42.10
14 01 20 71-0110	LF		3/8" x 1-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish	173.22	42.10
14 01 20 71-0111	LF		3/8" x 2" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish	185.96	42.10
14 01 20 71-0112	LF		3/8" x 2-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish	233.52	42.10
14 01 20 71-0113	LF		3/8" x 1-1/2" Diameter Tubular Bronze Steel Elevator Handrail, Brushed Finish	179.27	42.10
14 01 20 71-0114	LF		3/8" x 2" Diameter Tubular Bronze Steel Elevator Handrail, Brushed Finish	183.37	42.10
14 01 20 71-0115	LF		3/8" x 2-1/2" Diameter Tubular Bronze Steel Elevator Handrail, Brushed Finish	308.47	42.10
14 01 20 71-0116	LF		3/8" x 1-1/2" Diameter Tubular Bronze Steel Elevator Handrail, Mirror Finish	201.74	42.10
14 01 20 71-0117	LF		3/8" x 2" Diameter Tubular Bronze Elevator Handrail, Mirror Finish	309.26	42.10
14 01 20 71-0118	LF		3/8" x 2-1/2" Diameter Tubular Bronze Elevator Handrail, Mirror Finish	350.13	42.10

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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14 01 30 Operation and Maintenance of Escalators and Moving Walks ⁽¹⁴

14 01 30 71 Escalators and Moving Walks Rehabilitation ^(14 01 30)

14 01 30 71-0001 Maintenance ^(14 01 30 71)

14 01 30 71-0002	EA	Regular Escalator Inspection (Sufficient For Issue Of Certificate/Permit).....	798.98
14 01 30 71-0003	HR	Escalator Servicing, Labor Only.....	191.34
14 01 30 71-0004	EA	Acceptance Test Of Escalators And Moving Walks.....	4,394.40

14 01 30 71-0005 Modernization ^(14 01 30 71)

14 01 30 71-0006	EA	Removal And Replacement Of 28" Wide Escalator Stair Tread	1,958.43
14 01 30 71-0007	EA	Removal And Replacement Of 36" Wide Escalator Stair Tread	2,098.92
14 01 30 71-0008	EA	Removal And Replacement Of 48" Wide Escalator Stair Tread	2,202.21
14 01 30 71-0009	EA	Removal And Replacement Of 54" Wide Escalator Stair Tread	2,375.31
14 01 30 71-0010	LF	Removal And Replacement Of Sliding Handrail	183.67

14 20 Elevators ⁽¹⁴⁾

Note: Excludes final electrical work or shaft walls.

14 21 Electric Traction Elevators ^(14 20)

14 21 13 Electric Traction Freight Elevators ^(14 21)

14 21 13 00-0001 Electric Traction Freight Elevators ^(14 21 13)

Note: Painted metal shaft doors and steel painted cab. Unit prices based on a shaft of 6 stops (12 feet floor to floor) and 6 openings with power doors.

14 21 13 00-0002	EA	Electric Traction Freight Elevator, 4,000 LB x 200 FPM, 6 Stops, 6 Openings.....	389,324.07
		<i>For Each Opening With Bonderized Steel Door, Add</i>	300.54
		<i>For Each Opening With Stainless Steel Doors, Add</i>	751.35
		<i>For Each Opening With Two Speed Doors, Add</i>	901.62
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	4,793.60
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	7,190.40
		<i>For Stainless Steel Cab Interior, Add</i>	9,587.20
		<i>For Elevator With Manual Door, Deduct</i>	-10,000.00
		<i>For Class "C-1" Loading, Add</i>	1,996.53
		<i>For Class "C-2" Loading, Add</i>	2,396.80
		<i>For Class "C-3" Loading, Add</i>	3,278.82
		<i>For Removal Of Existing Stop, Add</i>	8,752.74
		<i>For Each Additional Stop, Add</i>	38,695.14
		<i>For Each Floor < 6 Stops, Deduct</i>	-30,411.37
		<i>For Each Additional 50 FPM, Add</i>	7,190.40
		<i>For Removal Of Existing Elevator, Add</i>	43,763.71
14 21 13 00-0003	EA	Electric Traction Freight Elevator, 5,000 LB x 200 FPM, 6 Stops, 6 Openings.....	415,562.02
		<i>For Each Opening With Bonderized Steel Door, Add</i>	300.54
		<i>For Each Opening With Stainless Steel Doors, Add</i>	751.35
		<i>For Each Opening With Two Speed Doors, Add</i>	901.62
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	4,793.60
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	7,190.40
		<i>For Stainless Steel Cab Interior, Add</i>	9,587.20
		<i>For Elevator With Manual Door, Deduct</i>	-10,000.00
		<i>For Class "C-1" Loading, Add</i>	3,993.07
		<i>For Class "C-2" Loading, Add</i>	4,793.60
		<i>For Class "C-3" Loading, Add</i>	6,643.93
		<i>For Removal Of Existing Stop, Add</i>	8,752.74
		<i>For Each Additional Stop, Add</i>	38,695.14
		<i>For Each Floor < 6 Stops, Deduct</i>	-30,411.37
		<i>For Each Additional 50 FPM, Add</i>	7,190.40
		<i>For Removal Of Existing Elevator, Add</i>	43,763.71
14 21 13 00-0004	EA	Electric Traction Freight Elevator, 6,000 LB x 200 FPM, 6 Stops, 6 Openings.....	443,170.76
		<i>For Elevator With Manual Door, Deduct</i>	-10,000.00
		<i>For Class "C-1" Loading, Add</i>	3,993.07
		<i>For Class "C-2" Loading, Add</i>	4,793.60
		<i>For Class "C-3" Loading, Add</i>	6,643.93
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	5,992.00
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	8,388.80
		<i>For Stainless Steel Cab Interior, Add</i>	10,785.60
		<i>For Removal Of Existing Stop, Add</i>	8,752.74
		<i>For Each Additional Stop, Add</i>	39,893.54
		<i>For Each Additional 50 FPM, Add</i>	7,190.40
		<i>For Each Opening With Bonderized Steel Door, Add</i>	359.52
		<i>For Each Opening With Stainless Steel Doors, Add</i>	719.04
		<i>For Each Opening With Two Speed Doors, Add</i>	898.80
		<i>For Removal Of Existing Elevator, Add</i>	43,763.71
		<i>For Each Floor < 6 Stops, Deduct</i>	-31,411.37

14 Conveying Equipment

14 20 Elevators

14 21 Electric Traction Elevators

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

14 21 13 00-0005	EA	Electric Traction Freight Elevator, 7,000 LB x 200 FPM, 6 Stops, 6 Openings	454,431.62
		<i>For Elevator With Manual Door, Deduct</i>	-10,000.00
		<i>For Class "C-1" Loading, Add</i>	3,993.07
		<i>For Class "C-2" Loading, Add</i>	4,793.60
		<i>For Class "C-3" Loading, Add</i>	6,643.93
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	5,992.00
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	8,388.80
		<i>For Stainless Steel Cab Interior, Add</i>	10,785.60
		<i>For Removal Of Existing Stop, Add</i>	8,752.74
		<i>For Each Additional Stop, Add</i>	39,893.54
		<i>For Each Additional 50 FPM, Add</i>	7,190.40
		<i>For Each Opening With Bonderized Steel Door, Add</i>	359.52
		<i>For Each Opening With Stainless Steel Doors, Add</i>	719.04
		<i>For Each Opening With Two Speed Doors, Add</i>	898.80
		<i>For Removal Of Existing Elevator, Add</i>	43,763.71
		<i>For Each Floor < 6 Stops, Deduct</i>	-31,411.37
14 21 13 00-0006	EA	Electric Traction Freight Elevator, 8,000 LB x 200 FPM, 6 Stops, 6 Openings	468,432.55
		<i>For Elevator With Manual Door, Deduct</i>	-10,000.00
		<i>For Each Additional 50 FPM, Add</i>	15,027.00
		<i>For Class "C-1" Loading, Add</i>	7,988.53
		<i>For Class "C-2" Loading, Add</i>	9,587.20
		<i>For Class "C-3" Loading, Add</i>	13,115.29
		<i>For Removal Of Existing Stop, Add</i>	8,752.74
		<i>For Each Additional Stop, Add</i>	39,893.54
		<i>For Each Opening With Bonderized Steel Door, Add</i>	479.36
		<i>For Each Opening With Stainless Steel Doors, Add</i>	838.88
		<i>For Each Opening With Two Speed Doors, Add</i>	1,018.64
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	7,190.40
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	9,587.20
		<i>For Stainless Steel Cab Interior, Add</i>	11,984.00
		<i>For Removal Of Existing Elevator, Add</i>	43,763.71
		<i>For Each Floor < 6 Stops, Deduct</i>	-31,411.37
14 21 13 00-0007	EA	Electric Traction Freight Elevator, 10,000 LB x 200 FPM, 6 Stops, 6 Openings	484,818.81
		<i>For Elevator With Manual Door, Deduct</i>	-10,000.00
		<i>For Each Additional 50 FPM, Add</i>	15,027.00
		<i>For Class "C-1" Loading, Add</i>	7,988.53
		<i>For Class "C-2" Loading, Add</i>	9,587.20
		<i>For Class "C-3" Loading, Add</i>	13,115.29
		<i>For Removal Of Existing Stop, Add</i>	8,752.74
		<i>For Each Additional Stop, Add</i>	39,893.54
		<i>For Each Opening With Bonderized Steel Door, Add</i>	479.36
		<i>For Each Opening With Stainless Steel Doors, Add</i>	838.88
		<i>For Each Opening With Two Speed Doors, Add</i>	1,018.64
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	7,190.40
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	9,587.20
		<i>For Stainless Steel Cab Interior, Add</i>	11,984.00
		<i>For Removal Of Existing Elevator, Add</i>	43,763.71
		<i>For Each Floor < 6 Stops, Deduct</i>	-31,411.37
14 21 13 00-0008	EA	Electric Traction Freight Elevator, 12,000 LB x 200 FPM, 6 Stops, 6 Openings	498,328.33
		<i>For Elevator With Manual Door, Deduct</i>	-10,000.00
		<i>For Each Additional 50 FPM, Add</i>	15,027.00
		<i>For Class "C-1" Loading, Add</i>	7,988.53
		<i>For Class "C-2" Loading, Add</i>	9,587.20
		<i>For Class "C-3" Loading, Add</i>	13,115.29
		<i>For Removal Of Existing Stop, Add</i>	8,752.74
		<i>For Each Additional Stop, Add</i>	39,893.54
		<i>For Each Opening With Bonderized Steel Door, Add</i>	479.36
		<i>For Each Opening With Stainless Steel Doors, Add</i>	838.88
		<i>For Each Opening With Two Speed Doors, Add</i>	1,018.64
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	7,190.40
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	9,587.20
		<i>For Stainless Steel Cab Interior, Add</i>	11,984.00
		<i>For Removal Of Existing Elevator, Add</i>	43,763.71
		<i>For Each Floor < 6 Stops, Deduct</i>	-31,411.37

14 21 23 Electric Traction Passenger Elevators (14 21)

14 21 23 13 Machine Room Electric Traction Passenger Elevators (14 21 23)

14 21 23 13-0001 Electric Traction Passenger Elevators (14 21 23 13)

Note: Baked enamel shaft doors and plastic laminate trimmed cab, allowance of \$7,500. Unit prices based on a shaft of 6 stops (12 feet floor to floor) and 6 openings.

14 21 23 13-0002	EA	Electric Traction Passenger Elevator, 2,000 LB x 200 FPM, 6 Stops, 6 Openings	302,804.71
		<i>For Each Opening With Bonderized Steel Door, Add</i>	300.54
		<i>For Each Opening With Stainless Steel Doors, Add</i>	751.35
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	4,793.60
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	7,190.40
		<i>For Stainless Steel Cab Interior, Add</i>	9,587.20
		<i>For Each Additional 50 FPM, Add</i>	6,198.64
		<i>For Removal Of Existing Stop, Add</i>	4,379.60
		<i>For Each Additional Stop, Add</i>	38,695.14
		<i>For Each Floor < 6 Stops, Deduct</i>	-20,948.97
		<i>For Removal Of Existing Elevator, Add</i>	32,846.97

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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14 21 23 13-0003	EA		Electric Traction Passenger Elevator, 2,500 LB x 200 FPM, 6 Stops, 6 Openings	310,727.96	
			<i>For Each Opening With Bonderized Steel Door, Add</i>	300.54	
			<i>For Each Opening With Stainless Steel Doors, Add</i>	751.35	
			<i>For Custom Plastic Laminated Cab Interiors, Add</i>	4,793.60	
			<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	7,190.40	
			<i>For Stainless Steel Cab Interior, Add</i>	9,587.20	
			<i>For Each Additional 50 FPM, Add</i>	6,198.64	
			<i>For Removal Of Existing Stop, Add</i>	4,379.60	
			<i>For Each Additional Stop, Add</i>	38,695.14	
			<i>For Each Floor < 6 Stops, Deduct</i>	-20,948.97	
			<i>For Removal Of Existing Elevator, Add</i>	32,846.97	
14 21 23 13-0004	EA		Electric Traction Passenger Elevator, 3,000 LB x 200 FPM, 6 Stops, 6 Openings	316,610.72	
			<i>For Each Opening With Bonderized Steel Door, Add</i>	300.54	
			<i>For Each Opening With Stainless Steel Doors, Add</i>	751.35	
			<i>For Custom Plastic Laminated Cab Interiors, Add</i>	4,793.60	
			<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	7,190.40	
			<i>For Stainless Steel Cab Interior, Add</i>	9,587.20	
			<i>For Each Additional 50 FPM, Add</i>	6,198.64	
			<i>For Removal Of Existing Stop, Add</i>	4,379.60	
			<i>For Each Additional Stop, Add</i>	38,695.14	
			<i>For Each Floor < 6 Stops, Deduct</i>	-20,948.97	
			<i>For Removal Of Existing Elevator, Add</i>	32,846.97	
14 21 23 13-0005	EA		Electric Traction Passenger Elevator, 3,500 LB x 200 FPM, 6 Stops, 6 Openings	321,074.36	
			<i>For Each Opening With Bonderized Steel Door, Add</i>	300.54	
			<i>For Each Opening With Stainless Steel Doors, Add</i>	751.35	
			<i>For Custom Plastic Laminated Cab Interiors, Add</i>	4,793.60	
			<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	7,190.40	
			<i>For Stainless Steel Cab Interior, Add</i>	9,587.20	
			<i>For Each Additional 50 FPM, Add</i>	6,198.64	
			<i>For Removal Of Existing Stop, Add</i>	4,379.60	
			<i>For Each Additional Stop, Add</i>	38,695.14	
			<i>For Each Floor < 6 Stops, Deduct</i>	-20,948.97	
			<i>For Removal Of Existing Elevator, Add</i>	32,846.97	
14 21 23 13-0006	EA		Electric Traction Passenger Elevator, 4,000 LB x 200 FPM, 6 Stops, 6 Openings	326,474.62	
			<i>For Each Opening With Bonderized Steel Door, Add</i>	300.54	
			<i>For Each Opening With Stainless Steel Doors, Add</i>	751.35	
			<i>For Custom Plastic Laminated Cab Interiors, Add</i>	4,793.60	
			<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	7,190.40	
			<i>For Stainless Steel Cab Interior, Add</i>	9,587.20	
			<i>For Each Additional 50 FPM, Add</i>	6,198.64	
			<i>For Removal Of Existing Stop, Add</i>	4,379.60	
			<i>For Each Additional Stop, Add</i>	38,695.14	
			<i>For Each Floor < 6 Stops, Deduct</i>	-20,948.97	
			<i>For Removal Of Existing Elevator, Add</i>	32,846.97	
14 21 23 13-0007	EA		Electric Traction Passenger Elevator, 4,500 LB x 200 FPM, 6 Stops, 6 Openings	332,419.42	
			<i>For Each Opening With Bonderized Steel Door, Add</i>	300.54	
			<i>For Each Opening With Stainless Steel Doors, Add</i>	751.35	
			<i>For Custom Plastic Laminated Cab Interiors, Add</i>	4,793.60	
			<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	7,190.40	
			<i>For Stainless Steel Cab Interior, Add</i>	9,587.20	
			<i>For Each Additional 50 FPM, Add</i>	6,198.64	
			<i>For Removal Of Existing Stop, Add</i>	4,379.60	
			<i>For Each Additional Stop, Add</i>	38,695.14	
			<i>For Each Floor < 6 Stops, Deduct</i>	-20,948.97	
			<i>For Removal Of Existing Elevator, Add</i>	32,846.97	
14 21 23 13-0008	EA		Electric Traction Passenger Elevator, 5,000 LB x 200 FPM, 6 Stops, 6 Openings	338,545.00	
			<i>For Each Opening With Bonderized Steel Door, Add</i>	300.54	
			<i>For Each Opening With Stainless Steel Doors, Add</i>	751.35	
			<i>For Custom Plastic Laminated Cab Interiors, Add</i>	4,793.60	
			<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	7,190.40	
			<i>For Stainless Steel Cab Interior, Add</i>	9,587.20	
			<i>For Each Additional 50 FPM, Add</i>	6,198.64	
			<i>For Removal Of Existing Stop, Add</i>	4,379.60	
			<i>For Each Additional Stop, Add</i>	38,695.14	
			<i>For Each Floor < 6 Stops, Deduct</i>	-20,948.97	
			<i>For Removal Of Existing Elevator, Add</i>	32,846.97	

14 24 Hydraulic Elevators (14 20)

Note: Prices are for a complete operating elevator including all standard controls, hydraulic motor and devices based on unit with cab sized 5' by 8' with galvanized primed shaft door with cab allowances as listed below.

14 24 13 Hydraulic Freight Elevators (14 24)

14 24 13 00-0001 Hydraulic Freight Elevators (14 24 13)

Note: Painted metal shaft doors and steel painted cab. Unit prices based on a shaft of 3 stops (15 feet floor to floor) and 3 openings with power doors.

14 Conveying Equipment

14 20 Elevators

14 24 Hydraulic Elevators



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
14 24 13 00-0002	EA Hydraulic Freight Elevator, 3,000 LB x 50 FPM, 3 Stops, 3 Openings.....	221,361.94	
	For Each Additional Stop, Add	27,613.06	
	For 2 Stops, Deduct	-15,835.55	
	For Each Opening With Bonderized Steel Door, Add	300.54	
	For Each Opening With Stainless Steel Doors, Add	751.35	
	For Each Opening With Two Speed Doors, Add	901.62	
	For Custom Plastic Laminated Cab Interiors, Add	4,793.60	
	For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	7,190.40	
	For Stainless Steel Cab Interior, Add	9,587.20	
	For Each Additional 50 FPM, Add	3,005.40	
	For Elevator With Manual Door, Deduct	-10,000.00	
	For Class "C-1" Loading, Add	1,996.53	
	For Class "C-2" Loading, Add	2,396.80	
	For Class "C-3" Loading, Add	3,278.82	
	For Well Hole Drilling (12" Diameter Hole), Add Per VLF	301.21	
	Note: Includes Labor and Equipment.		
	For 12" PVC Liner, Add Per LF	69.03	
	Note: Liner for Hydraulic Elevator Well Hole if necessary.		
	For 12" Steel Liner, Add Per LF	107.86	
	Note: Liner for Hydraulic Elevator Well Hole if necessary.		
	For Removal Of Existing Stop, Add	8,752.74	
	For Removal Of Existing Elevator, Add	21,861.83	
14 24 13 00-0003	EA Hydraulic Freight Elevator, 3,500 LB x 50 FPM, 3 Stops, 3 Openings.....	228,577.30	
	For Each Additional Stop, Add	27,613.06	
	For 2 Stops, Deduct	-15,835.55	
	For Each Opening With Bonderized Steel Door, Add	300.54	
	For Each Opening With Stainless Steel Doors, Add	751.35	
	For Each Opening With Two Speed Doors, Add	901.62	
	For Custom Plastic Laminated Cab Interiors, Add	4,793.60	
	For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	7,190.40	
	For Stainless Steel Cab Interior, Add	9,587.20	
	For Each Additional 50 FPM, Add	3,005.40	
	For Elevator With Manual Door, Deduct	-10,000.00	
	For Class "C-1" Loading, Add	1,996.53	
	For Class "C-2" Loading, Add	2,396.80	
	For Class "C-3" Loading, Add	3,278.82	
	For Well Hole Drilling (12" Diameter Hole), Add Per VLF	301.21	
	Note: Includes Labor and Equipment.		
	For 12" PVC Liner, Add Per LF	69.03	
	Note: Liner for Hydraulic Elevator Well Hole if necessary.		
	For 12" Steel Liner, Add Per LF	107.86	
	Note: Liner for Hydraulic Elevator Well Hole if necessary.		
	For Removal Of Existing Stop, Add	8,752.74	
	For Removal Of Existing Elevator, Add	21,861.83	
14 24 13 00-0004	EA Hydraulic Freight Elevator, 4,000 LB x 50 FPM, 3 Stops, 3 Openings.....	235,635.63	
	For Each Additional Stop, Add	27,613.06	
	For 2 Stops, Deduct	-15,835.55	
	For Each Opening With Bonderized Steel Door, Add	300.54	
	For Each Opening With Stainless Steel Doors, Add	751.35	
	For Each Opening With Two Speed Doors, Add	901.62	
	For Custom Plastic Laminated Cab Interiors, Add	4,793.60	
	For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	7,190.40	
	For Stainless Steel Cab Interior, Add	9,587.20	
	For Each Additional 50 FPM, Add	3,005.40	
	For Elevator With Manual Door, Deduct	-10,000.00	
	For Class "C-1" Loading, Add	1,996.53	
	For Class "C-2" Loading, Add	2,396.80	
	For Class "C-3" Loading, Add	3,278.82	
	For Well Hole Drilling (12" Diameter Hole), Add Per VLF	301.21	
	Note: Includes Labor and Equipment.		
	For 12" PVC Liner, Add Per LF	69.03	
	Note: Liner for Hydraulic Elevator Well Hole if necessary.		
	For 12" Steel Liner, Add Per LF	107.86	
	Note: Liner for Hydraulic Elevator Well Hole if necessary.		
	For Removal Of Existing Stop, Add	8,752.74	
	For Removal Of Existing Elevator, Add	21,861.83	
14 24 13 00-0005	EA Hydraulic Freight Elevator, 5,000 LB x 50 FPM, 3 Stops, 3 Openings.....	242,468.40	
	For Each Opening With Bonderized Steel Door, Add	300.54	
	For Each Opening With Stainless Steel Doors, Add	751.35	
	For Each Opening With Two Speed Doors, Add	901.62	
	For Custom Plastic Laminated Cab Interiors, Add	4,793.60	
	For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	7,190.40	
	For Stainless Steel Cab Interior, Add	9,587.20	
	For Each Additional 50 FPM, Add	3,005.40	
	For Elevator With Manual Door, Deduct	-10,000.00	
	For Each Additional Stop, Add	29,115.76	
	For 2 Stops, Deduct	-16,835.55	
	For Class "C-1" Loading, Add	3,993.07	
	For Class "C-2" Loading, Add	4,793.60	
	For Class "C-3" Loading, Add	6,643.93	
	For Well Hole Drilling (12" Diameter Hole), Add Per VLF	301.21	
	Note: Includes Labor and Equipment.		
	For 12" PVC Liner, Add Per LF	69.03	
	Note: Liner for Hydraulic Elevator Well Hole if necessary.		
	For 12" Steel Liner, Add Per LF	107.86	
	Note: Liner for Hydraulic Elevator Well Hole if necessary.		
	For Removal Of Existing Stop, Add	8,752.74	
	For Removal Of Existing Elevator, Add	21,861.83	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 13 00-0006	EA		Hydraulic Freight Elevator, 6,000 LB x 50 FPM, 3 Stops, 3 Openings.....	256,682.26	
			For Each Opening With Bonderized Steel Door, Add	300.54	
			For Each Opening With Stainless Steel Doors, Add	751.35	
			For Each Opening With Two Speed Doors, Add	901.62	
			For Elevator With Manual Door, Deduct	-10,000.00	
			For Each Additional Stop, Add	29,115.76	
			For 2 Stops, Deduct	-16,835.55	
			For Class "C-1" Loading, Add	3,993.07	
			For Class "C-2" Loading, Add	4,793.60	
			For Class "C-3" Loading, Add	6,643.93	
			For Each Additional 50 FPM, Add	15,027.00	
			For Custom Plastic Laminated Cab Interiors, Add	5,992.00	
			For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	8,388.80	
			For Stainless Steel Cab Interior, Add	10,785.60	
			For Well Hole Drilling (12" Diameter Hole), Add Per VLF	301.21	
			Note: Includes Labor and Equipment.		
			For 12" PVC Liner, Add Per LF	69.03	
			Note: Liner for Hydraulic Elevator Well Hole if necessary.		
			For 12" Steel Liner, Add Per LF	107.86	
			Note: Liner for Hydraulic Elevator Well Hole if necessary.		
			For Removal Of Existing Stop, Add	8,752.74	
			For Removal Of Existing Elevator, Add	21,861.83	
14 24 13 00-0007	EA		Hydraulic Freight Elevator, 7,000 LB x 50 FPM, 3 Stops, 3 Openings.....	263,488.60	
			For Each Opening With Bonderized Steel Door, Add	300.54	
			For Each Opening With Stainless Steel Doors, Add	751.35	
			For Each Opening With Two Speed Doors, Add	901.62	
			For Elevator With Manual Door, Deduct	-10,000.00	
			For Each Additional Stop, Add	29,115.76	
			For 2 Stops, Deduct	-16,835.55	
			For Class "C-1" Loading, Add	3,993.07	
			For Class "C-2" Loading, Add	4,793.60	
			For Class "C-3" Loading, Add	6,643.93	
			For Each Additional 50 FPM, Add	15,027.00	
			For Custom Plastic Laminated Cab Interiors, Add	5,992.00	
			For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	8,388.80	
			For Stainless Steel Cab Interior, Add	10,785.60	
			For Well Hole Drilling (12" Diameter Hole), Add Per VLF	301.21	
			Note: Includes Labor and Equipment.		
			For 12" PVC Liner, Add Per LF	69.03	
			Note: Liner for Hydraulic Elevator Well Hole if necessary.		
			For 12" Steel Liner, Add Per LF	107.86	
			Note: Liner for Hydraulic Elevator Well Hole if necessary.		
			For Removal Of Existing Stop, Add	8,752.74	
			For Removal Of Existing Elevator, Add	32,846.97	
14 24 13 00-0008	EA		Hydraulic Freight Elevator, 8,000 LB x 50 FPM, 3 Stops, 3 Openings.....	273,901.52	
			For Each Opening With Bonderized Steel Door, Add	300.54	
			For Each Opening With Stainless Steel Doors, Add	751.35	
			For Each Opening With Two Speed Doors, Add	901.62	
			For Elevator With Manual Door, Deduct	-10,000.00	
			For Each Additional Stop, Add	29,115.76	
			For 2 Stops, Deduct	-16,835.55	
			For Custom Plastic Laminated Cab Interiors, Add	5,992.00	
			For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	8,388.80	
			For Stainless Steel Cab Interior, Add	10,785.60	
			For Each Additional 50 FPM, Add	16,529.70	
			For Class "C-1" Loading, Add	9,982.67	
			For Class "C-2" Loading, Add	11,984.00	
			For Class "C-3" Loading, Add	16,394.11	
			For Well Hole Drilling (12" Diameter Hole), Add Per VLF	301.21	
			Note: Includes Labor and Equipment.		
			For 12" PVC Liner, Add Per LF	69.03	
			Note: Liner for Hydraulic Elevator Well Hole if necessary.		
			For 12" Steel Liner, Add Per LF	107.86	
			Note: Liner for Hydraulic Elevator Well Hole if necessary.		
			For Removal Of Existing Stop, Add	8,752.74	
			For Removal Of Existing Elevator, Add	32,846.97	
14 24 13 00-0009	EA		Hydraulic Freight Elevator, 10,000 LB x 50 FPM, 3 Stops, 3 Openings.....	281,203.22	
			For Each Opening With Bonderized Steel Door, Add	300.54	
			For Each Opening With Stainless Steel Doors, Add	751.35	
			For Each Opening With Two Speed Doors, Add	901.62	
			For Elevator With Manual Door, Deduct	-10,000.00	
			For Each Additional Stop, Add	29,115.76	
			For 2 Stops, Deduct	-16,835.55	
			For Custom Plastic Laminated Cab Interiors, Add	5,992.00	
			For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	8,388.80	
			For Stainless Steel Cab Interior, Add	10,785.60	
			For Well Hole Drilling (12" Diameter Hole), Add Per VLF	301.21	
			Note: Includes Labor and Equipment.		
			For 12" PVC Liner, Add Per LF	69.03	
			Note: Liner for Hydraulic Elevator Well Hole if necessary.		
			For 12" Steel Liner, Add Per LF	107.86	
			Note: Liner for Hydraulic Elevator Well Hole if necessary.		
			For Removal Of Existing Stop, Add	8,752.74	
			For Removal Of Existing Elevator, Add	32,846.97	
			For Each Additional 50 FPM, Add	18,032.40	
			For Class "C-1" Loading, Add	13,277.07	
			For Class "C-2" Loading, Add	15,938.72	
			For Class "C-3" Loading, Add	21,803.69	

14 Conveying Equipment

14 20 Elevators

14 24 Hydraulic Elevators

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

14 24 13 00-0010	EA	Hydraulic Freight Elevator, 12,000 LB x 50 FPM, 3 Stops, 3 Openings.....	294,049.97
		<i>For Each Opening With Bonderized Steel Door, Add</i>	300.54
		<i>For Each Opening With Stainless Steel Doors, Add</i>	751.35
		<i>For Each Opening With Two Speed Doors, Add</i>	901.62
		<i>For Elevator With Manual Door, Deduct</i>	-10,000.00
		<i>For Each Additional Stop, Add</i>	29,115.76
		<i>For 2 Stops, Deduct</i>	-16,835.55
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	5,992.00
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	8,388.80
		<i>For Stainless Steel Cab Interior, Add</i>	10,785.60
		<i>For Well Hole Drilling (12" Diameter Hole), Add Per VLF</i>	301.21
		<i>Note: Includes Labor and Equipment.</i>	
		<i>For 12" PVC Liner, Add Per LF</i>	69.03
		<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>	
		<i>For 12" Steel Liner, Add Per LF</i>	107.86
		<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>	
		<i>For Removal Of Existing Stop, Add</i>	8,752.74
		<i>For Removal Of Existing Elevator, Add</i>	32,846.97
		<i>For Each Additional 50 FPM, Add</i>	18,032.40
		<i>For Class "C-1" Loading, Add</i>	13,277.07
		<i>For Class "C-2" Loading, Add</i>	15,938.72
		<i>For Class "C-3" Loading, Add</i>	21,803.69

14 24 13 00-0011 Hydraulic Elevators Piston Drilling (14 24 13)

14 24 13 00-0012	VLF	Up To 6" Diameter Piston Drilling	94.18
		<i>Note: Includes casing.</i>	
14 24 13 00-0013	VLF	8" To 10" Diameter Piston Drilling.....	112.44
		<i>Note: Includes casing.</i>	

14 24 23 Hydraulic Passenger Elevators (14 24)

14 24 23 00-0001 Hydraulic Passenger Elevators (14 24 23)

Note: Baked enamel shaft doors and plastic laminate trimmed cab, allowance of \$7,500. Unit prices based on a shaft of 3 stops (15 feet floor to floor) and 3 openings.

14 24 23 00-0002	EA	Hydraulic Passenger Elevator, 2,100 LB x 100 FPM, 3 Stops, 3 Openings.....	158,050.35
		<i>For Each Additional Stop, Add</i>	27,613.06
		<i>For Each Opening With Bonderized Steel Door, Add</i>	300.54
		<i>For Each Opening With Stainless Steel Doors, Add</i>	751.35
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	4,793.60
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	7,190.40
		<i>For Stainless Steel Cab Interior, Add</i>	9,587.20
		<i>For Well Hole Drilling (12" Diameter Hole), Add Per VLF</i>	301.21
		<i>Note: Includes Labor and Equipment.</i>	
		<i>For 12" PVC Liner, Add Per LF</i>	69.03
		<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>	
		<i>For 12" Steel Liner, Add Per LF</i>	107.86
		<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>	
		<i>For Each Additional 50 FPM, Add</i>	6,198.64
		<i>For Removal Of Existing Elevator, Add</i>	21,861.83
		<i>For Removal Of Existing Stop, Add</i>	4,379.60
		<i>For 2 Stops, Deduct</i>	-10,000.00
14 24 23 00-0003	EA	Hydraulic Passenger Elevator, 2,500 LB x 100 FPM, 3 Stops, 3 Openings.....	161,055.75
		<i>For Each Additional Stop, Add</i>	27,613.06
		<i>For Each Opening With Bonderized Steel Door, Add</i>	300.54
		<i>For Each Opening With Stainless Steel Doors, Add</i>	751.35
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	4,793.60
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	7,190.40
		<i>For Stainless Steel Cab Interior, Add</i>	9,587.20
		<i>For Well Hole Drilling (12" Diameter Hole), Add Per VLF</i>	301.21
		<i>Note: Includes Labor and Equipment.</i>	
		<i>For 12" PVC Liner, Add Per LF</i>	69.03
		<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>	
		<i>For 12" Steel Liner, Add Per LF</i>	107.86
		<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>	
		<i>For Each Additional 50 FPM, Add</i>	6,198.64
		<i>For Removal Of Existing Elevator, Add</i>	21,861.83
		<i>For Removal Of Existing Stop, Add</i>	4,379.60
		<i>For 2 Stops, Deduct</i>	-10,000.00
14 24 23 00-0004	EA	Hydraulic Passenger Elevator, 3,000 LB x 100 FPM, 3 Stops, 3 Openings.....	163,121.96
		<i>For Each Additional Stop, Add</i>	27,613.06
		<i>For Each Opening With Bonderized Steel Door, Add</i>	300.54
		<i>For Each Opening With Stainless Steel Doors, Add</i>	751.35
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	4,793.60
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	7,190.40
		<i>For Stainless Steel Cab Interior, Add</i>	9,587.20
		<i>For Well Hole Drilling (12" Diameter Hole), Add Per VLF</i>	301.21
		<i>Note: Includes Labor and Equipment.</i>	
		<i>For 12" PVC Liner, Add Per LF</i>	69.03
		<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>	
		<i>For 12" Steel Liner, Add Per LF</i>	107.86
		<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>	
		<i>For Each Additional 50 FPM, Add</i>	6,198.64
		<i>For Removal Of Existing Elevator, Add</i>	21,861.83
		<i>For Removal Of Existing Stop, Add</i>	4,379.60
		<i>For 2 Stops, Deduct</i>	-10,000.00

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 23 00-0005	EA		Hydraulic Passenger Elevator, 3,500 LB x 100 FPM, 3 Stops, 3 Openings.....	170,761.51	
			For Each Additional Stop, Add	27,613.06	
			For Each Opening With Bonderized Steel Door, Add	300.54	
			For Each Opening With Stainless Steel Doors, Add	751.35	
			For Custom Plastic Laminated Cab Interiors, Add	4,793.60	
			For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	7,190.40	
			For Stainless Steel Cab Interior, Add	9,587.20	
			For Well Hole Drilling (12" Diameter Hole), Add Per VLF	301.21	
			Note: Includes Labor and Equipment.		
			For 12" PVC Liner, Add Per LF	69.03	
			Note: Liner for Hydraulic Elevator Well Hole if necessary.		
			For 12" Steel Liner, Add Per LF	107.86	
			Note: Liner for Hydraulic Elevator Well Hole if necessary.		
			For Each Additional 50 FPM, Add	6,198.64	
			For Removal Of Existing Elevator, Add	21,861.83	
			For Removal Of Existing Stop, Add	4,379.60	
			For 2 Stops, Deduct	-10,000.00	
14 24 23 00-0006	EA		Hydraulic Passenger Elevator, 4,000 LB x 100 FPM, 3 Stops, 3 Openings.....	173,912.82	
			For Each Additional Stop, Add	27,613.06	
			For Each Opening With Bonderized Steel Door, Add	300.54	
			For Each Opening With Stainless Steel Doors, Add	751.35	
			For Custom Plastic Laminated Cab Interiors, Add	4,793.60	
			For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	7,190.40	
			For Stainless Steel Cab Interior, Add	9,587.20	
			For Well Hole Drilling (12" Diameter Hole), Add Per VLF	301.21	
			Note: Includes Labor and Equipment.		
			For 12" PVC Liner, Add Per LF	69.03	
			Note: Liner for Hydraulic Elevator Well Hole if necessary.		
			For 12" Steel Liner, Add Per LF	107.86	
			Note: Liner for Hydraulic Elevator Well Hole if necessary.		
			For Each Additional 50 FPM, Add	6,198.64	
			For Removal Of Existing Elevator, Add	21,861.83	
			For Removal Of Existing Stop, Add	4,379.60	
			For 2 Stops, Deduct	-10,000.00	
14 24 23 00-0007	EA		Hydraulic Passenger Elevator, 4,500 LB x 100 FPM, 3 Stops, 3 Openings.....	178,308.22	
			For Each Opening With Bonderized Steel Door, Add	300.54	
			For Each Opening With Stainless Steel Doors, Add	751.35	
			For Custom Plastic Laminated Cab Interiors, Add	4,793.60	
			For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	7,190.40	
			For Stainless Steel Cab Interior, Add	9,587.20	
			For Each Additional Stop, Add	29,115.76	
			For Well Hole Drilling (12" Diameter Hole), Add Per VLF	301.21	
			Note: Includes Labor and Equipment.		
			For 12" PVC Liner, Add Per LF	69.03	
			Note: Liner for Hydraulic Elevator Well Hole if necessary.		
			For 12" Steel Liner, Add Per LF	107.86	
			Note: Liner for Hydraulic Elevator Well Hole if necessary.		
			For Each Additional 50 FPM, Add	6,198.64	
			For Removal Of Existing Elevator, Add	21,861.83	
			For Removal Of Existing Stop, Add	4,379.60	
			For 2 Stops, Deduct	-10,000.00	
14 24 23 00-0008	EA		Hydraulic Passenger Elevator, 5,000 LB x 100 FPM, 3 Stops, 3 Openings.....	182,518.03	
			For Each Opening With Bonderized Steel Door, Add	300.54	
			For Each Opening With Stainless Steel Doors, Add	751.35	
			For Each Opening With Two Speed Doors, Add	901.62	
			For Custom Plastic Laminated Cab Interiors, Add	4,793.60	
			For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	7,190.40	
			For Stainless Steel Cab Interior, Add	9,587.20	
			For Each Additional Stop, Add	29,115.76	
			For Well Hole Drilling (12" Diameter Hole), Add Per VLF	301.21	
			Note: Includes Labor and Equipment.		
			For 12" PVC Liner, Add Per LF	69.03	
			Note: Liner for Hydraulic Elevator Well Hole if necessary.		
			For 12" Steel Liner, Add Per LF	107.86	
			Note: Liner for Hydraulic Elevator Well Hole if necessary.		
			For Each Additional 50 FPM, Add	6,198.64	
			For Removal Of Existing Elevator, Add	21,861.83	
			For Removal Of Existing Stop, Add	4,379.60	
			For 2 Stops, Deduct	-10,000.00	
14 24 23 00-0009			Twin Holeless Hydraulic Passenger Elevator ^(14 24 23)		
			Note: Baked enamel shaft doors and plastic laminate trimmed cab, allowance of \$7,500. Unit prices based on a shaft of 2 stops (10 feet floor to floor) and 2 openings.		
14 24 23 00-0010	EA		Twin Holeless Hydraulic Passenger Elevator, 2,100 LB x 100 FPM.....	137,020.97	
			For Each Opening With Bonderized Steel Door, Add	300.54	
			For Each Opening With Stainless Steel Doors, Add	751.35	
			For Custom Plastic Laminated Cab Interiors, Add	4,194.40	
			For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	5,992.00	
			For Stainless Steel Cab Interior, Add	7,190.40	
			For Removal Of Existing Elevator, Add	21,861.83	
			For Each Additional Stop, Add	29,233.76	
			For An Additional 25 FPM, Add	2,532.05	
14 24 23 00-0011	EA		Twin Holeless Hydraulic Passenger Elevator, 2,500 LB x 100 FPM.....	142,216.84	
			For Each Opening With Bonderized Steel Door, Add	300.54	
			For Each Opening With Stainless Steel Doors, Add	751.35	
			For Custom Plastic Laminated Cab Interiors, Add	4,194.40	
			For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	5,992.00	
			For Stainless Steel Cab Interior, Add	7,190.40	
			For Removal Of Existing Elevator, Add	21,861.83	
			For Each Additional Stop, Add	29,233.76	
			For An Additional 25 FPM, Add	2,532.05	

14 Conveying Equipment**14 20 Elevators****14 24 Hydraulic Elevators**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

14 24 23 00-0012	EA	Twin Holeless Hydraulic Passenger Elevator, 3,000 LB x 100 FPM.....	147,204.40	
		<i>For Each Opening With Bonderized Steel Door, Add</i>	300.54	
		<i>For Each Opening With Stainless Steel Doors, Add</i>	751.35	
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	4,194.40	
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	5,992.00	
		<i>For Stainless Steel Cab Interior, Add</i>	7,190.40	
		<i>For Removal Of Existing Elevator, Add</i>	21,861.83	
		<i>For Each Additional Stop, Add</i>	29,233.76	
		<i>For An Additional 25 FPM, Add</i>	2,532.05	
14 24 23 00-0013	EA	Twin Holeless Hydraulic Passenger Elevator, 3,500 LB x 100 FPM.....	171,446.35	
		<i>For Each Opening With Bonderized Steel Door, Add</i>	300.54	
		<i>For Each Opening With Stainless Steel Doors, Add</i>	751.35	
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	4,194.40	
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	5,992.00	
		<i>For Stainless Steel Cab Interior, Add</i>	7,190.40	
		<i>For Removal Of Existing Elevator, Add</i>	21,861.83	
		<i>For Each Additional Stop, Add</i>	29,233.76	
		<i>For An Additional 25 FPM, Add</i>	2,532.05	

14 26 Limited-Use/Limited-Application Elevators (14 20)**14 26 00 00-0001 Small Elevators (LULA) (14 26)**

14 26 00 00-0002	EA	Small Elevators (LULA), 1,400 LB x 30 FPM, 2 Stops, 2 Openings.....	89,872.66	
		Note: 3 phase, automatic operation, includes cab interior, telephone box and telephone. 2 stops and 12 feet of rise.		
		<i>For Each Additional Stop, Add</i>	19,757.66	
		<i>For Removal Of Existing Elevator, Add</i>	6,564.55	

14 27 Custom Elevator Cabs and Doors (14 20)**14 27 13 Custom Elevator Cab Finishes (14 27)****14 27 13 00-0001 Custom Elevator Cab Finish Options (14 27 13)**

Note: Review elevator task modifiers for additional cab finishes.

14 27 13 00-0002	EA	Intercom Service.....	1,456.25	
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14 27 13 00-0003 Custom Elevator Hall Finish Options (14 27 13)

14 27 13 00-0004	EA	Stainless Steel Door, Hall Finishes.....	1,911.01	
14 27 13 00-0005	EA	Stainless Steel Frames, Hall Finishes.....	2,008.18	
14 27 13 00-0006	EA	Hall Lantern, Signal Devices.....	973.65	

14 27 16 Custom Elevator Doors (14 27)**14 27 16 00-0001 Custom Elevator Door Options (14 27 16)**

14 27 16 00-0002	EA	Center Opening, 1 Speed Doors.....	3,784.49	
14 27 16 00-0003	EA	Center Opening, 2 Speed Doors.....	4,885.75	
14 27 16 00-0004	EA	Rear Opening Doors (Opposite Front).....	6,861.54	
14 27 16 00-0005	EA	Side Opening, 2 Speed Doors.....	10,975.07	
14 27 16 00-0006	EA	Bi-Parting Doors.....	11,419.04	
14 27 16 00-0007	EA	Power Operated Door And Gate.....	35,970.66	

14 28 Elevator Equipment and Controls (14 20)**14 28 16 Elevator Controls (14 28)****14 28 16 00-0001 Passenger Or Freight Elevator Options (14 28 16)**

14 28 16 00-0002	EA	2 Car Group, Elevator Automatic Controls.....	9,009.08	1,085.18
14 28 16 00-0003	EA	3 Car Group, Elevator Automatic Controls.....	13,649.55	1,626.61
14 28 16 00-0004	EA	4 Car Group, Elevator Automatic Controls.....	21,152.12	2,168.80
14 28 16 00-0005	EA	5 Car Group, Elevator Automatic Controls.....	29,791.38	2,752.68
14 28 16 00-0006	EA	6 Car Group, Elevator Automatic Controls.....	41,613.71	3,253.18
14 28 16 00-0007	EA	Duplex Care Selective Collective.....	8,503.94	
14 28 16 00-0008	EA	Automatic Emergency Power Switching.....	4,973.43	
14 28 16 00-0009	EA	Manual Emergency Power Switching.....	967.18	
14 28 16 00-0010	EA	Up To 3, Position Indicator, Signal Devices.....	228.85	
14 28 16 00-0011	EA	>3, Position Indicator, Signal Devices.....	191.59	
14 28 16 00-0012	EA	High Speed Heavy Duty Door Opener.....	3,562.90	
14 28 16 00-0013	EA	Variable Voltage, Overhead Gearless Machine, Minimum.....	58,270.25	
14 28 16 00-0014	EA	Variable Voltage, Overhead Gearless Machine, Average.....	95,096.48	
14 28 16 00-0015	EA	Variable Voltage, Overhead Gearless Machine, Maximum.....	131,785.69	
14 28 16 00-0016	EA	Variable Voltage, Basement Installed Geared Machine, Minimum.....	24,263.39	
14 28 16 00-0017	EA	Variable Voltage, Basement Installed Geared Machine, Average.....	30,223.15	
14 28 16 00-0018	EA	Variable Voltage, Basement Installed Geared Machine, Maximum.....	33,591.71	

14 30 Escalators and Moving Walks (14)**14 31 Escalators (14 30)****14 31 00 00-0001 Stainless Steel Escalator Construction (14 31)**

Note: Prices are medians and are based on each moving stairway. Complete, includes all standard accessories and single microprocessor controlled electronic display sign packages, LED.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 31 00 00-0002	EA		Escalators Stainless Steel, 32" Wide x 12' Floor To Floor Height.....	150,733.27	13,073.73
14 31 00 00-0003	EA		Escalators Stainless Steel, 32" Wide x 15' Floor To Floor Height.....	167,020.71	15,450.78
14 31 00 00-0004	EA		Escalators Stainless Steel, 32" Wide x 18' Floor To Floor Height.....	181,902.57	17,827.82
14 31 00 00-0005	EA		Escalators Stainless Steel, 32" Wide x 22' Floor To Floor Height.....	201,122.97	21,393.38
14 31 00 00-0006	EA		Escalators Stainless Steel, 32" Wide x 25' Floor To Floor Height.....	222,067.36	23,770.42
14 31 00 00-0007	EA		Escalators Stainless Steel, 36" Wide x 12' Floor To Floor Height.....	159,394.92	13,905.70
14 31 00 00-0008	EA		Escalators Stainless Steel, 36" Wide x 15' Floor To Floor Height.....	176,950.46	16,639.30
14 31 00 00-0009	EA		Escalators Stainless Steel, 36" Wide x 18' Floor To Floor Height.....	191,817.47	19,016.34
14 31 00 00-0010	EA		Escalators Stainless Steel, 36" Wide x 22' Floor To Floor Height.....	216,215.36	23,889.27
14 31 00 00-0011	EA		Escalators Stainless Steel, 36" Wide x 25' Floor To Floor Height.....	232,959.32	25,672.06
14 31 00 00-0012	EA		Escalators Stainless Steel, 48" Wide x 12' Floor To Floor Height.....	168,445.70	14,737.67
14 31 00 00-0013	EA		Escalators Stainless Steel, 48" Wide x 15' Floor To Floor Height.....	187,574.14	17,827.82
14 31 00 00-0014	EA		Escalators Stainless Steel, 48" Wide x 18' Floor To Floor Height.....	202,071.11	20,204.86
14 31 00 00-0015	EA		Escalators Stainless Steel, 48" Wide x 22' Floor To Floor Height.....	232,348.62	25,196.65
14 31 00 00-0016	EA		Escalators Stainless Steel, 48" Wide x 25' Floor To Floor Height.....	246,599.45	27,573.69
14 31 00 00-0017	EA		Escalator Fire Shutter Fusible Link.....	22,211.42	475.41

14 40 Lifts ⁽¹⁴⁾

14 42 Wheelchair Lifts ^(14 40)

14 42 13 Inclined Wheelchair Lifts ^(14 42)

14 42 13 00-0001 Chair Lift-Stair Climber ^(14 42 13)

Note: Includes landing, rails, lifting device and gates.

14 42 13 00-0002	EA	Chair Lift, Stair Climber Per Story, Single Passenger, Indoor, 300 LB Capacity.....	7,540.91	1,065.31
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Note: Includes top and bottom call button, safety chair, track, and power unit.

14 42 16 Vertical Wheelchair Lifts ^(14 42)

14 42 16 00-0001 Wheelchair Lift (Shorty) ^(14 42 16)

14 42 16 00-0002	EA	36" Vertical Travel Wheelchair Platform Scissor Lift.....	9,218.76	745.72
------------------	----	-----------------------------------------------------------	----------	--------

Note: 1000 LB capacity. Includes handrails and manual ramp.

For Accordion Safety Skirt, Add

1,034.24

For Removable Handrails, Add

105.40

For Power Operated Ramp, Add

922.25

14 42 16 00-0003	EA	42" Vertical Travel Wheelchair Platform Scissor Lift.....	11,339.01	932.14
------------------	----	-----------------------------------------------------------	-----------	--------

Note: 1000 LB capacity. Includes handrails and manual ramp.

For 2,000 LB Capacity, Add

619.22

For 3,000 LB Capacity, Add

1,034.24

For 4,000 LB Capacity, Add

1,548.06

For Accordion Safety Skirt, Add

1,034.24

For Removable Handrails, Add

105.40

For Power Operated Ramp, Add

922.25

14 42 16 00-0004	EA	70" Vertical Travel Wheelchair Platform Scissor Lift.....	13,521.36	1,211.78
------------------	----	-----------------------------------------------------------	-----------	----------

Note: 1000 LB capacity. Includes handrails and manual ramp.

For 2,000 LB Capacity, Add

619.22

For 3,000 LB Capacity, Add

1,034.24

For 4,000 LB Capacity, Add

1,548.06

For Accordion Safety Skirt, Add

1,034.24

For Removable Handrails, Add

105.40

For Power Operated Ramp, Add

922.25

14 42 16 00-0005	EA	84" Vertical Travel Wheelchair Platform Scissor Lift.....	15,193.65	1,398.21
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Note: 1000 LB capacity. Includes handrails and manual ramp.

For 2,000 LB Capacity, Add

619.22

For 3,000 LB Capacity, Add

1,034.24

For 4,000 LB Capacity, Add

1,548.06

For Accordion Safety Skirt, Add

1,034.24

For Removable Handrails, Add

105.40

For Power Operated Ramp, Add

922.25

14 42 16 00-0006	EA	18' Travel Wheelchair Incline Lift.....	15,699.93	665.82
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Note: 500 LB capacity, interior installation.

14 90 Other Conveying Equipment ⁽¹⁴⁾

14 91 Facility Chutes ^(14 90)

14 91 82 Trash Chutes ^(14 91)

14 91 82 00-0001 Trash Chutes ^(14 91 82)

14 91 82 00-0002	LF	18" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports.....	37.84	4.46
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For Aluminum, Add

2.93

For Stainless Steel, Add

10.27

14 91 82 00-0003	LF	24" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports.....	48.95	4.46
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For Aluminum, Add

3.97

For Stainless Steel, Add

13.89

14 91 82 00-0004	LF	30" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports.....	54.01	5.57
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For Aluminum, Add

4.40

For Stainless Steel, Add

15.40

14 91 82 00-0005	LF	36" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports.....	83.32	5.57
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For Aluminum, Add

7.25

For Stainless Steel, Add

25.36

14 91 82 00-0006	EA	Trash Chutes, Hopper.....	743.05	31.19
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For Aluminum, Add

68.03

For Stainless Steel, Add

238.09

14 Conveying Equipment
14 90 Other Conveying Equipment
14 91 Facility Chutes



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 91 82 00-0007	EA		Trash Chutes, Skylight.....	359.44	61.27
			For Aluminum, Add	23.66	
			For Stainless Steel, Add	82.81	
14 91 82 00-0008	EA		Trash Chutes, Sprinkler Unit At Top	244.77	66.84
			For Aluminum, Add	10.35	
			For Stainless Steel, Add	36.23	
14 91 82 00-0009	EA		Trash Chutes, Sprinkler Unit At Intake Hopper	64.84	23.39
			For Aluminum, Add	1.78	
			For Stainless Steel, Add	6.21	
14 91 82 00-0010	EA		Refuse Type Bottom Storage Hopper Unit.....	614.31	83.55
			For Aluminum, Add	43.77	
			For Stainless Steel, Add	153.21	
14 91 82 00-0011	EA		Hopper Doors	1,441.69	68.17

14 92 Pneumatic Tube Systems (14 90)

14 92 00 00-0001			Pneumatic Tube Station; Swisslog <small>(14 92)</small>		
14 92 00 00-0002	LF		4" Pneumatic Tube	78.61	21.79
14 92 00 00-0003	LF		6" Pneumatic Tube	98.90	27.23
14 92 00 00-0004	EA		4" 90 Degree Bend	381.32	47.66
14 92 00 00-0005	EA		6" 90 Degree Bend	531.21	54.46
14 92 00 00-0006	EA		4" PRV Bend.....	461.61	71.49
14 92 00 00-0007	EA		6" PRV Bend.....	647.10	81.71
14 92 00 00-0008	EA		Vacuum Bypass Valve.....	2,647.03	340.43
14 92 00 00-0009	EA		Blower Assembly For 4" Tube.....	25,285.64	680.84
14 92 00 00-0010	EA		Blower Assembly For 6" Tube.....	30,684.56	817.01
14 92 00 00-0011	EA		Recessed Receiving Station For 4" Tube	16,066.15	1,021.27
14 92 00 00-0012	EA		Recessed Receiving Station For 6" Tube	18,203.73	1,225.52
14 92 00 00-0013	EA		Wall Mount Receiving Station For 4" Tube	14,222.69	680.84
14 92 00 00-0014	EA		Wall Mount Receiving Station For 6" Tube	15,686.77	817.01
14 92 00 00-0015	EA		2 Out Transfer Unit For 4" Tube.....	10,873.06	748.93
14 92 00 00-0016	EA		2 Out Transfer Unit For 6" Tube.....	11,659.81	817.01
14 92 00 00-0017	EA		4 Out Transfer Unit For 4" Tube.....	12,925.96	1,021.27
14 92 00 00-0018	EA		4 Out Transfer Unit For 6" Tube.....	13,549.56	1,089.35
14 92 00 00-0019	EA		6 Out Transfer Unit For 4" Tube.....	15,761.77	1,361.69
14 92 00 00-0020	EA		6 Out Transfer Unit For 6" Tube.....	16,608.02	1,429.78
14 92 00 00-0021	EA		T.E.U. Assembly For 4" Tube	4,386.71	170.21
14 92 00 00-0022	EA		T.E.U. Assembly For 6" Tube	4,993.02	272.34
14 92 00 00-0023	EA		Security Door	1,692.83	
14 92 00 00-0024	EA		SB-101 Control Panel.....	4,308.43	408.51
14 92 00 00-0025	LF		Pneumatic Tube Hanging Material.....	14.41	2.73

END OF SECTION 14

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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21 Fire Suppression

21 01 Operation and Maintenance of Fire Suppression ⁽²¹⁾

21 01 10 Operation and Maintenance of Water-Based Fire-Suppression Systems ^(21 01)

See CSI section 23 01 20 00-0000 for purging of pipes and shutdown.

21 01 10 91 Water-Based Fire-Suppression Systems Restoration ^(21 01 10)

21 01 10 91-0001	EA	Relocate Sprinkler Head And Branch Piping ^(21 01 10 91)	
		See CSI section 21 13 13 00-0024 for new wet pipe sprinkler heads (when required).	
21 01 10 91-0002	EA	Relocate 1 Existing Sprinkler Head And Branch Piping.....	436.79
		Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.	
21 01 10 91-0003	EA	Relocate 2 To 4 Existing Sprinkler Heads And Branch Piping.....	262.08
		Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.	
21 01 10 91-0004	EA	Relocate >4 To 10 Existing Sprinkler Heads And Branch Piping.....	104.83
		Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.	
21 01 10 91-0005	EA	Relocate >10 Existing Sprinkler Heads And Branch Piping.....	52.41
		Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.	

21 01 10 91-0006 Purge And Refill System Sprinkler Piping ^(21 01 10 91)

Note: Includes shutting off valve, draining pipe and collection of liquid, refilling with liquid and bleeding of air from system.

21 01 10 91-0007	EA	Up To 100', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades).....	382.07
21 01 10 91-0008	EA	>100 To 250', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades).....	545.67
21 01 10 91-0009	EA	>250 To 500', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades).....	653.82
21 01 10 91-0010	EA	>500 To 1,000', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades).....	817.28
21 01 10 91-0011	EA	>1,000 To 2,000', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades).....	1,062.46
21 01 10 91-0012	LF	>2,000', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades).....	0.53
21 01 10 91-0013	EA	Up To 100', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades).....	534.90
21 01 10 91-0014	EA	>100 To 250', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades).....	763.95
21 01 10 91-0015	EA	>250 To 500', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades).....	915.35
21 01 10 91-0016	EA	>500 To 1,000', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades).....	1,144.18
21 01 10 91-0017	EA	>1,000 To 2,000', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades).....	1,487.44
21 01 10 91-0018	LF	>2,000', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades).....	0.75
21 01 10 91-0019	EA	Up To 100', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades).....	735.48
21 01 10 91-0020	EA	>100 To 250', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades).....	1,050.42
21 01 10 91-0021	EA	>250 To 500', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades).....	1,258.61
21 01 10 91-0022	EA	>500 To 1,000', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades).....	1,573.25
21 01 10 91-0023	EA	>1,000 To 2,000', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades).....	2,045.23
21 01 10 91-0024	LF	>2,000', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades).....	1.03
21 01 10 91-0025	EA	Up To 100', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades).....	992.91
21 01 10 91-0026	EA	>100 To 250', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades).....	1,418.06
21 01 10 91-0027	EA	>250 To 500', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades).....	1,505.47
21 01 10 91-0028	EA	>500 To 1,000', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades).....	1,881.82
21 01 10 91-0029	EA	>1,000 To 2,000', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades).....	2,446.38
21 01 10 91-0030	LF	>2,000', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades).....	1.22

21 01 30 Operation and Maintenance of Fire-Suppression Equipment ^(21 01)

21 01 30 91 Fire-Suppression Equipment Restoration ^(21 01 30)

21 01 30 91-0001	EA	Inspection And Recharge ^(21 01 30 91)	
21 01 30 91-0002	EA	Inspection, CO2, Carbon Dioxide.....	187.82
21 01 30 91-0003	LB	Refill/Recharge, CO2, Carbon Dioxide.....	2.80
21 01 30 91-0004	EA	Inspection, Halon 1301.....	187.82
21 01 30 91-0005	LB	Refill/Recharge, Halon 1301.....	67.22
21 01 30 91-0006	EA	Inspection, WC, Wet Chemical.....	113.57
21 01 30 91-0007	GAL	Refill/Recharge, WC, Wet Chemical.....	63.02
21 01 30 91-0008	EA	Inspection, DC, Dry Chemical.....	113.57
21 01 30 91-0009	LB	Refill/Recharge, DC, Dry Chemical.....	5.60
21 01 30 91-0010	EA	Hydrostatic Testing, All Sizes, All Agents.....	34.95
		See CSI section 23 05 93 00-0046 for testing existing piping systems.	
21 01 30 91-0011	EA	Disarm/Arm System.....	61.15

21 05 Common Work Results for Fire Suppression ⁽²¹⁾

21 05 13 Common Motor Requirements for Fire-Suppression Equipment ^(21 05)

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. See CSI section 23 05 13 00-0000 for motor requirements.

21 05 16 Expansion Fittings and Loops for Fire-Suppression Piping ^(21 05)

See CSI section 23 05 16 00-0000 for expansion fittings and loops.

21 05 17 Sleeves and Sleeve Seals for Fire-Suppression Piping ^(21 05)

See CSI section 23 05 17 00-0000 for sleeves and sleeve seals.

21 05 19 Meters and Gages for Fire-Suppression Systems ^(21 05)

21 Fire Suppression
21 05 Common Work Results for Fire Suppression
21 05 19 Meters and Gages for Fire-Suppression Systems

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

See CSI section 33 19 00 00-0000 for water utility service metering.

Code	Description	Unit Cost	Demolition Unit Cost
21 05 19 00-0001	Fire Sprinkler System Water Pressure Gauge ^(21 05 19)		
21 05 19 00-0002	EA 2" Diameter Dial, 0-200 PSI, Water Pressure Gauge .....44.34	44.34	11.21
	Note: For fire sprinkler systems		
21 05 19 00-0003	EA 2-1/2" Diameter Dial, 0-300 PSI, Water Pressure Gauge .....46.14	46.14	11.21
	Note: For fire sprinkler systems		
21 05 19 00-0004	EA 3" Diameter Dial, 0-300 PSI, Water Pressure Gauge .....54.55	54.55	11.21
	Note: For fire sprinkler systems		
21 05 19 00-0005	EA 3-1/2" Diameter Dial, 0-300 PSI, Water Pressure Gauge .....58.00	58.00	11.21
	Note: For fire sprinkler systems		
21 05 19 00-0006	EA 4" Diameter Dial, 0-300 PSI, Water Pressure Gauge .....61.45	61.45	11.21
	Note: For fire sprinkler systems		
21 05 19 00-0007	Fire Service Meter Cast Iron Housing ^(21 05 19)		
21 05 19 00-0008	EA 3" Diameter, 0 - 600 GPM Fire Service Meter Flanged, With Cast Iron Housing.....5,262.99	5,262.99	181.71
	For >10 To 25, Deduct	-263.15	
	For >25, Deduct	-766.71	
21 05 19 00-0009	EA 4" Diameter, 0 - 1,000 GPM Fire Service Meter Flanged, With Cast Iron Housing.....10,726.87	10,726.87	304.62
	For >10 To 25, Deduct	-536.34	
	For >25, Deduct	-1,570.86	
21 05 19 00-0010	EA 6" Diameter, 0 - 2,000 GPM Fire Service Meter Flanged, With Cast Iron Housing.....14,531.69	14,531.69	434.35
	For >10 To 25, Deduct	-726.58	
	For >25, Deduct	-2,125.27	
21 05 19 00-0011	EA 8" Diameter, 0 - 4,000 GPM Fire Service Meter Flanged, With Cast Iron Housing.....18,951.04	18,951.04	555.01
	For >10 To 25, Deduct	-947.55	
	For >25, Deduct	-2,773.71	
21 05 19 00-0012	EA 10" Diameter, 0 - 6,200 GPM Fire Service Meter Flanged, With Cast Iron Housing.....26,687.44	26,687.44	675.66
	For >10 To 25, Deduct	-1,334.37	
	For >25, Deduct	-3,918.66	

21 05 23 General-Duty Valves for Water-Based Fire-Suppression Piping

^(21 05)
See CSI section 22 05 23 00-0000 for additional valves, 23 05 23 00-0000 for additional valves.

Code	Description	Unit Cost	Demolition Unit Cost
21 05 23 00-0001	TESTanDRAIN® Valve ^(21 05 23)		
21 05 23 00-0002	EA 1/4" 3-Way Globe Valve With 1/4" NPT Test Port (AGF 7600).....224.49	224.49	12.91
21 05 23 00-0003	EA 1" Threaded TESTanDRAIN® Valve (AGF 1000).....253.15	253.15	15.61
21 05 23 00-0004	EA 1-1/4" Threaded TESTanDRAIN® Valve (AGF 1000) .....309.22	309.22	19.73
21 05 23 00-0005	EA 1-1/2" Threaded TESTanDRAIN® Valve (AGF 1000) .....485.99	485.99	22.78
21 05 23 00-0006	EA 2" Threaded TESTanDRAIN® Valve (AGF 1000).....509.62	509.62	26.91
21 05 23 00-0007	EA 1" Threaded TESTanDRAIN® Valve With Relief Valve (AGF 1011) .....358.43	358.43	15.61
21 05 23 00-0008	EA 1-1/4" Threaded TESTanDRAIN® Valve With Relief Valve (AGF 1011) .....413.47	413.47	19.73
21 05 23 00-0009	EA 1-1/2" Threaded TESTanDRAIN® Valve With Relief Valve (AGF 1011) .....593.42	593.42	22.78
21 05 23 00-0010	EA 2" Threaded TESTanDRAIN® Valve With Relief Valve (AGF 1011) .....619.90	619.90	26.91

21 05 29 Hangers and Supports for Fire-Suppression Piping and Equipment ^(21 05)

See CSI section 23 05 29 00-0000 for hangers and supports.

21 05 48 Vibration and Seismic Controls for Fire-Suppression Piping and Equipment ^(21 05)

21 05 48 13 Vibration Controls for Fire-Suppression Piping and Equipment ^(21 05 48)

See CSI section 23 05 48 13-0000 for vibration and seismic control.

21 05 53 Identification for Fire-Suppression Piping and Equipment ^(21 05)

See CSI section 23 05 53 00-0000 for identification.

21 07 Fire-Suppression Systems Insulation ⁽²¹⁾

21 07 16 Fire-Suppression Equipment Insulation ^(21 07)

See CSI section 23 07 16 00-0000 for fire-suppression equipment insulation.

21 07 19 Fire-Suppression Piping Insulation ^(21 07)

See CSI section 22 07 19 00-0000 for fire-suppression piping insulation.

21 10 Water-Based Fire-Suppression Systems ⁽²¹⁾

See CSI section 22 11 16 00-0368 for copper pipe, 22 11 16 00-0912 for CPVC pipe, 23 05 23 00-0232 for OS&Y gate valves, 23 21 13 23-0000 for black steel piping.

21 11 Facility Fire-Suppression Water-Service Piping ^(21 10)

21 11 19 Fire-Department Connections ^(21 11)

21 11 19 00-0001 Fire Department Connections ^(21 11 19)

21 11 19 00-0002	EA 4" x 2-1/2" x 2-1/2" Siamese Connection, Polished Brass .....918.68	918.68	288.80
	For Polished Chrome, Add	60.15	
21 11 19 00-0003	EA 6" x 2-1/2" x 2-1/2" Siamese Connection, Polished Brass .....1,283.65	1,283.65	361.00
	For Polished Chrome, Add	92.06	
21 11 19 00-0004	EA 4" x 3" x 3" Siamese Connection, Polished Brass.....1,370.57	1,370.57	288.80
	For Polished Chrome, Add	116.61	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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21 11 19 00-0005	EA 6" x 3" x 3" Siamese Connection, Polished Brass <i>For Polished Chrome, Add</i>	1,813.93 158.35	361.00
21 11 19 00-0006	EA 6" x 2-1/2" x 2-1/2" x 2-1/2" Siamese Connection, Three Way, Polished Brass <i>For Polished Chrome, Add</i>	1,943.55 174.65	361.00
21 11 19 00-0007	EA Sidewalk Type Connection With Plug And Chain, Polished Brass <i>For Polished Chrome, Add</i>	1,655.57 134.62	382.07
21 11 19 00-0008	EA Wall Type Connection With Plug And Chain, Polished Brass <i>For Polished Chrome, Add</i>	1,055.41 77.24	288.80
21 11 19 00-0009	Wall Type Indicator Post, Wheel Operated ^(21 11 19) See CSI section 33 14 19 00-0159 for adjustable indicator post accessory for ground valves.		
21 11 19 00-0010	EA Wall Type Indicator Post With Wall Flange For Valve (Victaulic 773)	1,730.35	304.62

21 12 Fire-Suppression Standpipes ^(21 10)

See CSI section 23 21 13 23-0000 for black steel pipe.

21 12 13 Fire-Suppression Hoses and Nozzles ^(21 12)

21 12 13 00-0001	Fire Hose ^(21 12 13)		
21 12 13 00-0002	Fire Hose Without Couplings ^(21 12 13 00-0001)		
21 12 13 00-0003	LF 1-1/2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	2.34	1.75
21 12 13 00-0004	LF 2-1/2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	2.74	1.75
21 12 13 00-0005	LF 2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	2.48	1.75
21 12 13 00-0006	LF 3" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	2.91	1.75
21 12 13 00-0007	LF 1-1/2" Cotton Fire Hose, 300 LB Test With 1-1/2" Rubber Lining Without Couplings	2.69	1.75
21 12 13 00-0008	LF 2-1/2" Cotton Fire Hose, 300 LB Test With 1-1/2" Rubber Lining Without Couplings	3.37	1.75
21 12 13 00-0009	LF 1-1/2" Cotton Fire Hose, 400 LB Test With 1-1/2" Rubber Lining Without Couplings	2.79	1.75
21 12 13 00-0010	LF 2-1/2" Cotton Fire Hose, 400 LB Test With 1-1/2" Rubber Lining Without Couplings	3.60	1.75

21 12 13 00-0011 Fire Hose With Aluminum Couplings ^(21 12 13 00-0001)

21 12 13 00-0012	LF 1-3/4" Polyester Fire Hose With Rubber Lining With Aluminum Couplings	7.37	0.96
21 12 13 00-0013	LF 2-1/2" Polyester Fire Hose With Rubber Lining With Aluminum Couplings	9.33	1.13
21 12 13 00-0014	LF 3-1/2" Polyester Fire Hose With Rubber Lining With Aluminum Couplings	16.49	1.13

21 12 13 00-0015 Fire Hose Accessories ^(21 12 13 00-0001)

21 12 13 00-0016	EA Hose Coupling With 1-1/2" Pin Lug	217.88	28.83
21 12 13 00-0017	EA Hose Coupling With 2-1/2" Pin Lug	349.43	32.32
21 12 13 00-0018	EA 1-1/2" x 10" Brass Straight Nozzle	78.78	22.72
21 12 13 00-0019	EA 2-1/2" x 12" Brass Straight Nozzle	160.30	22.72
21 12 13 00-0020	EA 1-1/2" Brass Fog Type Nozzle	126.69	22.72
21 12 13 00-0021	EA 2-1/2" Brass Fog Type Nozzle	183.74	22.72
21 12 13 00-0022	EA 1-1/2" Brass 100' Hose Rack	267.92	96.09
21 12 13 00-0023	EA 2-1/2" Brass 100' Hose Rack	380.05	96.09

21 12 23 Fire-Suppression Hose Valves ^(21 12)

21 12 23 00-0001 Standpipe Valves ^(21 12 23)

21 12 23 00-0002	EA 2-1/2" Fire Department Valve, Polished Brass With Plug And Chain <i>For Polished Chrome, Add</i>	612.13 48.42	191.04
21 12 23 00-0003	EA 2-1/2" x 2-1/2" x 4" Fire Department Valve, Flush, Polished Brass <i>For Polished Chrome, Add</i>	994.25 105.74	190.95
21 12 23 00-0004	EA 2-1/2" x 2-1/2" x 6" Fire Department Valve, Flush, Polished Brass <i>For Polished Chrome, Add</i>	1,285.30 145.04	206.55
21 12 23 00-0005	EA 3" x 3" x 4" Fire Department Valve, Flush, Polished Brass <i>For Polished Chrome, Add</i>	1,544.89 188.34	190.95
21 12 23 00-0006	EA 3" x 3" x 6" Fire Department Valve, Flush, Polished Brass <i>For Polished Chrome, Add</i>	1,815.99 225.44	206.55
21 12 23 00-0007	EA 2-1/2" x 2-1/2" x 4" Fire Department Valve, Projecting, Polished Brass <i>For Polished Chrome, Add</i>	935.72 96.96	190.95
21 12 23 00-0008	EA 2-1/2" x 2-1/2" x 6" Fire Department Valve, Projecting, Polished Brass <i>For Polished Chrome, Add</i>	1,377.07 159.61	206.55
21 12 23 00-0009	EA 2-1/2" x 2-1/2" x 2-1/2" x 4" Fire Department Valve, Flush, Polished Brass <i>For Polished Chrome, Add</i>	1,768.39 176.37	197.13
21 12 23 00-0010	EA 2-1/2" x 2-1/2" x 2-1/2" x 6" Fire Department Valve, Flush, Polished Brass <i>For Polished Chrome, Add</i>	2,536.44 264.55	219.02
21 12 23 00-0011	EA 2-1/2" x 2-1/2" x 2-1/2" x 4" Fire Department Valve, Projecting, Polished Brass <i>For Polished Chrome, Add</i>	1,900.06 192.17	197.13
21 12 23 00-0012	EA 2-1/2" x 2-1/2" x 2-1/2" x 6" Fire Department Valve, Projecting, Polished Brass <i>For Polished Chrome, Add</i>	2,734.83 288.35	219.02
21 12 23 00-0013	EA 2-1/2" x 2-1/2" x 2-1/2" x 6" Fire Department Valve, Square, Flush, Polished Brass <i>For Polished Chrome, Add</i>	10,925.04 1,052.68	262.79

21 12 23 00-0014 Fire Hose Angle Valves ^(21 12 23)

21 12 23 00-0015	EA 1-1/2", 300 LB Rated, Cast Brass, Fire Hose Angle Valve	206.97	23.59
21 12 23 00-0016	EA 1-1/2", 300 LB Rated, Polished Brass, Fire Hose Angle Valve	250.32	23.59
21 12 23 00-0017	EA 1-1/2", 300 LB Rated, Rough Chrome Plated, Fire Hose Angle Valve	234.56	23.59
21 12 23 00-0018	EA 1-1/2", 300 LB Rated, Polished Chrome Plated, Fire Hose Angle Valve	277.90	23.59
21 12 23 00-0019	EA 2-1/2", 300 LB Rated, Cast Brass, Fire Hose Angle Valve	370.20	39.31
21 12 23 00-0020	EA 2-1/2", 300 LB Rated, Polished Brass, Fire Hose Angle Valve	433.26	39.31
21 12 23 00-0021	EA 2-1/2", 300 LB Rated, Rough Chrome Plated, Fire Hose Angle Valve	438.51	39.31

21 Fire Suppression**21 10 Water-Based Fire-Suppression Systems****21 12 Fire-Suppression Standpipes**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

21 12 23 00-0022 EA 2-1/2", 300 LB Rated, Polished Chrome Plated, Fire Hose Angle Valve501.57 39.31

21 12 23 00-0023 Fire Hose Valve Cap And Chain (21 12 23)

21 12 23 00-0024	EA	1-1/2" Cast Brass, Fire Hose Valve Cap And Chain	40.27	8.96
21 12 23 00-0025	EA	1-1/2" Polished Brass, Fire Hose Valve Cap And Chain	65.23	8.96
21 12 23 00-0026	EA	1-1/2" Rough Chrome Plated, Fire Hose Valve Cap And Chain	57.35	8.96
21 12 23 00-0027	EA	1-1/2" Polished Chrome Plated, Fire Hose Valve Cap And Chain	77.05	8.96
21 12 23 00-0028	EA	1-1/2" Aluminum Brass Fire Hose Valve Cap And Chain.....	26.79	8.96
21 12 23 00-0029	EA	2-1/2" Cast Brass, Fire Hose Valve Cap And Chain	64.46	11.21
21 12 23 00-0030	EA	2-1/2" Polished Brass, Fire Hose Valve Cap And Chain	86.79	11.21
21 12 23 00-0031	EA	2-1/2" Rough Chrome Plated, Fire Hose Valve Cap And Chain	82.85	11.21
21 12 23 00-0032	EA	2-1/2" Polished Chrome Plated, Fire Hose Valve Cap And Chain	105.18	11.21
21 12 23 00-0033	EA	2-1/2" Aluminum Brass Fire Hose Valve Cap And Chain.....	35.75	11.21
21 12 23 00-0034	EA	3" Cast Brass, Fire Hose Valve Cap And Chain	103.04	12.10
21 12 23 00-0035	EA	3" Polished Brass, Fire Hose Valve Cap And Chain.....	131.94	12.10
21 12 23 00-0036	EA	3" Rough Chrome Plated, Fire Hose Valve Cap And Chain	122.74	12.10
21 12 23 00-0037	EA	3" Polished Chrome Plated, Fire Hose Valve Cap And Chain	152.95	12.10

21 12 29 Fire-Suppression Fire Hose Equipment (21 12)**21 12 29 00-0001 Standpipe And Fire Hose Equipment (21 12 29)**

21 12 29 00-0002	EA	2-1/2" x 2-1/2" x 2-1/2" x 4" Manifold Roof Type, Vertical, Polished Brass	3,581.66	473.56
21 12 29 00-0003	EA	Water Motor Gong	1,266.14	134.22
21 12 29 00-0004	EA	Water Motor Gong With Retard Chamber Assembly	2,766.80	164.39
21 12 29 00-0005	EA	Fire Riser Flow Switch (National Fire Protection Association 13)	1,239.13	15.62
21 12 29 00-0006	EA	Water Flow Supervisory (Tammer) Switch Mounted On Valve	224.04	26.71
21 12 29 00-0007	EA	Spare Sprinkler Head Box For 3 Heads.....	35.91	10.27
		Note: Excludes spare sprinkler heads.		
21 12 29 00-0008	EA	Spare Sprinkler Head Box For 6 Heads.....	36.14	10.27
		Note: Excludes spare sprinkler heads.		
21 12 29 00-0009	EA	Spare Sprinkler Head Box For 12 Heads.....	38.81	10.27
		Note: Excludes spare sprinkler heads.		

21 12 29 00-0010 Water Flow Detector (21 12 29)**21 12 29 00-0011 Pressure-Type Water Flow Detector (21 12 29 00-0010)**

21 12 29 00-0012	EA	Pressure-Type Water Flow Detector For Up To 2-1/2" Pipe	342.27	82.19
21 12 29 00-0013	EA	Pressure-Type Water Flow Detector For >2-1/2" To 4" Pipe	499.58	108.91
21 12 29 00-0014	EA	Pressure-Type Water Flow Detector For >4" To 8" Pipe	805.30	123.28

21 12 29 00-0015 Vane-Type Water Flow Detector (21 12 29 00-0010)

21 12 29 00-0016	EA	Vane-Type Water Flow Detector For Up To 2-1/2" Pipe	438.54	82.19
21 12 29 00-0017	EA	Vane-Type Water Flow Detector For >2-1/2" To 4" Pipe	617.52	108.91
21 12 29 00-0018	EA	Vane-Type Water Flow Detector For >4" To 8" Pipe	992.27	123.28

21 13 Fire-Suppression Sprinkler Systems (21 10)**21 13 13 Wet-Pipe Sprinkler Systems (21 13)****21 13 13 00-0001 Complete Wet Pipe Sprinkler Systems (21 13 13)**

Note: Includes complete design per NFPA 13, 13D or 13R and stamped shop drawings approved by a registered engineer. Includes all branch line piping (standard weight black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc) from riser pipe and mains. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks. For sprinkler repairs or sprinkler head replacements use specific pipe, fittings, hangers, valves, and sprinkler head components. See CSI section 23 21 13 23-1411 for individual grooved pipe, 23 21 13 23-1484 for individual grooved pipe fittings.

21 13 13 00-0002 Light Hazard, Complete Wet-Pipe Sprinkler Systems (21 13 13 00-0001)

21 13 13 00-0003	EA	Exposed Piping, Light Hazard, Complete Wet-Pipe Sprinkler System, Per Head.....	629.06	
		Note: Includes branch pipe and fittings, supports and sprinkler heads.		
		For Copper Pipe, Add	83.16	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	-114.61	
		For Up To 5, Add	274.03	
		For >5 To 10, Add	159.42	
		For >10 To 20, Add	96.52	
		For >20 To 40, Add	42.66	
		For >100 To 150, Deduct	-62.91	
		For >150, Deduct	-125.81	
21 13 13 00-0004	EA	Concealed Piping, Light Hazard, Complete Wet-Pipe Sprinkler System, Per Head	768.04	
		Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
		For Copper Pipe, Add	98.71	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	-137.11	
		For Up To 5, Add	340.21	
		For >5 To 10, Add	203.10	
		For >10 To 20, Add	126.30	
		For >20 To 40, Add	54.90	
		For >100 To 150, Deduct	-76.80	
		For >150, Deduct	-153.61	
		For Work In Restricted Working Space, Add	98.99	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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21 13 13 00-0005	Ordinary Hazard, Complete Wet-Pipe Sprinkler Systems <small>(21 13 13 00-0001)</small>		
21 13 13 00-0006	EA Exposed Piping, Ordinary Hazard, Complete Wet-Pipe Sprinkler System, Per Head.....	630.16	
	Note: Includes branch pipe and fittings, supports and sprinkler heads.		
	For Copper Pipe, Add	83.46	
	For Polyvinyl Chloride (PVC) Pipe, Deduct	-114.96	
	For Up To 5, Add	274.20	
	For >5 To 10, Add	159.24	
	For >10 To 20, Add	96.22	
	For >20 To 40, Add	42.58	
	For >100 To 150, Deduct	-63.02	
	For >150, Deduct	-126.03	
21 13 13 00-0007	EA Concealed Piping, Ordinary Hazard, Complete Wet-Pipe Sprinkler System, Per Head	763.98	
	Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
	For Copper Pipe, Add	98.32	
	For Polyvinyl Chloride (PVC) Pipe, Deduct	-136.52	
	For Up To 5, Add	338.15	
	For >5 To 10, Add	201.63	
	For >10 To 20, Add	125.24	
	For >20 To 40, Add	54.48	
	For >100 To 150, Deduct	-76.40	
	For >150, Deduct	-152.80	
	For Work In Restricted Working Space, Add	97.68	
21 13 13 00-0008	Extra Hazard, Complete Wet-Pipe Sprinkler Systems <small>(21 13 13 00-0001)</small>		
21 13 13 00-0009	EA Exposed Piping, Extra Hazard, Complete Wet-Pipe Sprinkler System, Per Head.....	580.56	
	Note: Includes branch pipe and fittings, supports and sprinkler heads.		
	For Copper Pipe, Add	76.78	
	For Polyvinyl Chloride (PVC) Pipe, Deduct	-105.80	
	For Up To 5, Add	252.84	
	For >5 To 10, Add	147.04	
	For >10 To 20, Add	88.98	
	For >20 To 40, Add	39.34	
	For >100 To 150, Deduct	-58.06	
	For >150, Deduct	-116.11	
21 13 13 00-0010	EA Concealed Piping, Extra Hazard, Complete Wet-Pipe Sprinkler System, Per Head.....	705.46	
	Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
	For Copper Pipe, Add	90.65	
	For Polyvinyl Chloride (PVC) Pipe, Deduct	-125.93	
	For Up To 5, Add	312.52	
	For >5 To 10, Add	186.59	
	For >10 To 20, Add	116.04	
	For >20 To 40, Add	50.44	
	For >100 To 150, Deduct	-70.55	
	For >150, Deduct	-141.09	
	For Work In Restricted Working Space, Add	90.99	
21 13 13 00-0011	Wet Pipe Sprinkler Components <small>(21 13 13)</small>		
	Note: Excludes hydraulic calculations.		
21 13 13 00-0012	Wet Pipe Alarm Check Valves <small>(21 13 13 00-0011)</small>		
	Note: Excludes trim package See CSI section 21 13 13 00-0018 for Wet Pipe Valve Trim.		
21 13 13 00-0013	EA 2-1/2" Wet Pipe Alarm Check Valve	1,558.44	113.01
21 13 13 00-0014	EA 3" Wet Pipe Alarm Check Valve	1,591.31	129.45
21 13 13 00-0015	EA 4" Wet Pipe Alarm Check Valve	1,772.14	219.87
21 13 13 00-0016	EA 6" Wet Pipe Alarm Check Valve	1,703.45	277.40
21 13 13 00-0017	EA 8" Wet Pipe Alarm Check Valve	3,059.05	351.37
21 13 13 00-0018	Wet Pipe Valve Trim <small>(21 13 13 00-0011)</small>		
	Note: Vertical or Horizontal, closed drain, basic galvanized trim assembly package. Includes gauges, pressure switch, relief valve, drain line, and retard chamber.		
21 13 13 00-0019	EA 2-1/2" Wet Pipe Valve Trim.....	1,427.58	239.18
21 13 13 00-0020	EA 3" Wet Pipe Valve Trim.....	1,511.61	239.18
21 13 13 00-0021	EA 4" Wet Pipe Valve Trim.....	1,811.32	327.95
21 13 13 00-0022	EA 6" Wet Pipe Valve Trim.....	2,109.05	456.17
21 13 13 00-0023	EA 8" Wet Pipe Valve Trim.....	2,289.88	564.66
21 13 13 00-0024	Wet Pipe Sprinkler Heads <small>(21 13 13 00-0011)</small>		
21 13 13 00-0025	Upright Wet Pipe Sprinkler Heads <small>(21 13 13 00-0024)</small>		
21 13 13 00-0026	EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Upright Brass Wet Pipe Sprinkler Head	66.89	9.82
	For >25 To 50, Deduct	-1.97	
	For >50 To 100, Deduct	-5.31	
	For >100 To 500, Deduct	-9.34	
	For >500 To 1,000, Deduct	-18.72	
	For >1,000, Deduct	-26.58	
21 13 13 00-0027	EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Upright Chrome Wet Pipe Sprinkler Head.....	69.71	9.82
	For >25 To 50, Deduct	-1.97	
	For >50 To 100, Deduct	-5.45	
	For >100 To 500, Deduct	-9.70	
	For >500 To 1,000, Deduct	-19.23	
	For >1,000, Deduct	-27.09	

21 Fire Suppression**21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
21 13 13 00-0028	EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Upright White Polyester Coated Wet Pipe Sprinkler Head.....	71.50	9.82
	For>25 To 50, Deduct	-1.97	
	For>50 To 100, Deduct	-5.54	
	For>100 To 500, Deduct	-9.92	
	For>500 To 1,000, Deduct	-19.55	
	For>1,000, Deduct	-27.41	
21 13 13 00-0029	EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright Brass Wet Pipe Sprinkler Head.....	68.30	9.82
	For>25 To 50, Deduct	-1.97	
	For>50 To 100, Deduct	-5.38	
	For>100 To 500, Deduct	-9.52	
	For>500 To 1,000, Deduct	-18.98	
	For>1,000, Deduct	-26.84	
21 13 13 00-0030	EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright Chrome Wet Pipe Sprinkler Head.....	71.23	9.82
	For>25 To 50, Deduct	-1.97	
	For>50 To 100, Deduct	-5.53	
	For>100 To 500, Deduct	-9.89	
	For>500 To 1,000, Deduct	-19.50	
	For>1,000, Deduct	-27.37	
21 13 13 00-0031	EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright White Polyester Coated Wet Pipe Sprinkler Head.....	73.09	9.82
	For>25 To 50, Deduct	-1.97	
	For>50 To 100, Deduct	-5.62	
	For>100 To 500, Deduct	-10.12	
	For>500 To 1,000, Deduct	-19.84	
	For>1,000, Deduct	-27.70	
21 13 13 00-0032	EA 1/2" NPT Thread, 3/8" Orifice, Quick Response, Upright Brass Wet Pipe Sprinkler Head.....	86.70	9.82
	For>25 To 50, Deduct	-1.97	
	For>50 To 100, Deduct	-6.30	
	For>100 To 500, Deduct	-11.82	
	For>500 To 1,000, Deduct	-22.29	
	For>1,000, Deduct	-30.15	
21 13 13 00-0033	EA 1/2" NPT Thread, 3/8" Orifice, Quick Response, Upright Chrome Wet Pipe Sprinkler Head.....	94.23	9.82
	For>25 To 50, Deduct	-1.97	
	For>50 To 100, Deduct	-6.68	
	For>100 To 500, Deduct	-12.76	
	For>500 To 1,000, Deduct	-23.64	
	For>1,000, Deduct	-31.51	
21 13 13 00-0034	EA 1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Upright Brass Wet Pipe Sprinkler Head.....	86.70	9.82
	For>25 To 50, Deduct	-1.97	
	For>50 To 100, Deduct	-6.30	
	For>100 To 500, Deduct	-11.82	
	For>500 To 1,000, Deduct	-22.29	
	For>1,000, Deduct	-30.15	
21 13 13 00-0035	EA 1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Upright Chrome Wet Pipe Sprinkler Head.....	94.23	9.82
	For>25 To 50, Deduct	-1.97	
	For>50 To 100, Deduct	-6.68	
	For>100 To 500, Deduct	-12.76	
	For>500 To 1,000, Deduct	-23.64	
	For>1,000, Deduct	-31.51	
21 13 13 00-0036	EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Upright Brass Wet Pipe Sprinkler Head.....	76.95	9.82
	For>25 To 50, Deduct	-1.97	
	For>50 To 100, Deduct	-5.81	
	For>100 To 500, Deduct	-10.60	
	For>500 To 1,000, Deduct	-20.53	
	For>1,000, Deduct	-28.40	
21 13 13 00-0037	EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Upright Chrome Wet Pipe Sprinkler Head.....	80.63	9.82
	For>25 To 50, Deduct	-1.97	
	For>50 To 100, Deduct	-6.00	
	For>100 To 500, Deduct	-11.06	
	For>500 To 1,000, Deduct	-21.20	
	For>1,000, Deduct	-29.06	
21 13 13 00-0038	EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright Brass Wet Pipe Sprinkler Head.....	77.23	10.92
	For>25 To 50, Deduct	-2.18	
	For>50 To 100, Deduct	-6.05	
	For>100 To 500, Deduct	-10.75	
	For>500 To 1,000, Deduct	-21.33	
	For>1,000, Deduct	-30.06	
21 13 13 00-0039	EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright Chrome Wet Pipe Sprinkler Head.....	81.53	10.92
	For>25 To 50, Deduct	-2.18	
	For>50 To 100, Deduct	-6.26	
	For>100 To 500, Deduct	-11.28	
	For>500 To 1,000, Deduct	-22.10	
	For>1,000, Deduct	-30.84	
21 13 13 00-0040	EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright White Polyester Coated Wet Pipe Sprinkler Head.....	82.40	10.92
	For>25 To 50, Deduct	-2.18	
	For>50 To 100, Deduct	-6.30	
	For>100 To 500, Deduct	-11.39	
	For>500 To 1,000, Deduct	-22.26	
	For>1,000, Deduct	-30.99	
21 13 13 00-0041	EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright Brass Wet Pipe Sprinkler Head.....	77.23	10.92
	For>25 To 50, Deduct	-2.18	
	For>50 To 100, Deduct	-6.05	
	For>100 To 500, Deduct	-10.75	
	For>500 To 1,000, Deduct	-21.33	
	For>1,000, Deduct	-30.06	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0042 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright Chrome Wet Pipe Sprinkler Head.....	81.53	10.92
<i>For >25 To 50, Deduct</i>	-2.18	
<i>For >50 To 100, Deduct</i>	-6.26	
<i>For >100 To 500, Deduct</i>	-11.28	
<i>For >500 To 1,000, Deduct</i>	-22.10	
<i>For >1,000, Deduct</i>	-30.84	
21 13 13 00-0043 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright White Polyester Coated Wet Pipe Sprinkler Head.....	82.40	10.92
<i>For >25 To 50, Deduct</i>	-2.18	
<i>For >50 To 100, Deduct</i>	-6.30	
<i>For >100 To 500, Deduct</i>	-11.39	
<i>For >500 To 1,000, Deduct</i>	-22.26	
<i>For >1,000, Deduct</i>	-30.99	
21 13 13 00-0044 EA 1/2" NPT Thread, 3/8" Orifice, K=2.8, Upright Brass Wet Pipe Sprinkler Head.....	75.01	9.82
<i>For >25 To 50, Deduct</i>	-1.97	
<i>For >50 To 100, Deduct</i>	-5.72	
<i>For >100 To 500, Deduct</i>	-10.36	
<i>For >500 To 1,000, Deduct</i>	-20.18	
<i>For >1,000, Deduct</i>	-28.05	
21 13 13 00-0045 EA 1/2" NPT Thread, 3/8" Orifice, K=2.8, Upright Chrome Wet Pipe Sprinkler Head.....	77.82	9.82
<i>For >25 To 50, Deduct</i>	-1.97	
<i>For >50 To 100, Deduct</i>	-5.86	
<i>For >100 To 500, Deduct</i>	-10.71	
<i>For >500 To 1,000, Deduct</i>	-20.69	
<i>For >1,000, Deduct</i>	-28.55	
21 13 13 00-0046 EA 1/2" NPT Thread, 3/8" Orifice, K=2.8, Upright White Polyester Coated Wet Pipe Sprinkler Head.....	78.36	9.82
<i>For >25 To 50, Deduct</i>	-1.97	
<i>For >50 To 100, Deduct</i>	-5.88	
<i>For >100 To 500, Deduct</i>	-10.78	
<i>For >500 To 1,000, Deduct</i>	-20.79	
<i>For >1,000, Deduct</i>	-28.65	
21 13 13 00-0047 EA 1/2" NPT Thread, 7/16" Orifice, K=4.2, Upright Brass Wet Pipe Sprinkler Head.....	75.01	9.82
<i>For >25 To 50, Deduct</i>	-1.97	
<i>For >50 To 100, Deduct</i>	-5.72	
<i>For >100 To 500, Deduct</i>	-10.36	
<i>For >500 To 1,000, Deduct</i>	-20.18	
<i>For >1,000, Deduct</i>	-28.05	
21 13 13 00-0048 EA 1/2" NPT Thread, 7/16" Orifice, K=4.2, Upright Chrome Wet Pipe Sprinkler Head.....	77.82	9.82
<i>For >25 To 50, Deduct</i>	-1.97	
<i>For >50 To 100, Deduct</i>	-5.86	
<i>For >100 To 500, Deduct</i>	-10.71	
<i>For >500 To 1,000, Deduct</i>	-20.69	
<i>For >1,000, Deduct</i>	-28.55	
21 13 13 00-0049 EA 1/2" NPT Thread, 7/16" Orifice, K=4.2, Upright White Polyester Coated Wet Pipe Sprinkler Head.....	78.36	9.82
<i>For >25 To 50, Deduct</i>	-1.97	
<i>For >50 To 100, Deduct</i>	-5.88	
<i>For >100 To 500, Deduct</i>	-10.78	
<i>For >500 To 1,000, Deduct</i>	-20.79	
<i>For >1,000, Deduct</i>	-28.65	
21 13 13 00-0050 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Combustible Concealed Space, Upright Brass Wet Pipe Sprinkler Head.....	78.36	9.82
<i>For >25 To 50, Deduct</i>	-1.97	
<i>For >50 To 100, Deduct</i>	-5.88	
<i>For >100 To 500, Deduct</i>	-10.78	
<i>For >500 To 1,000, Deduct</i>	-20.79	
<i>For >1,000, Deduct</i>	-28.65	
21 13 13 00-0051 EA 3/4" NPT Thread, K=14.0, Extended Coverage, Upright Brass Wet Pipe Sprinkler Head.....	107.36	10.92
<i>For >25 To 50, Deduct</i>	-2.18	
<i>For >50 To 100, Deduct</i>	-7.55	
<i>For >100 To 500, Deduct</i>	-14.51	
<i>For >500 To 1,000, Deduct</i>	-26.75	
<i>For >1,000, Deduct</i>	-35.49	
21 13 13 00-0052 EA 3/4" NPT Thread, K=14.0, Extended Coverage, Upright Chrome Wet Pipe Sprinkler Head.....	110.60	10.92
<i>For >25 To 50, Deduct</i>	-2.18	
<i>For >50 To 100, Deduct</i>	-7.71	
<i>For >100 To 500, Deduct</i>	-14.92	
<i>For >500 To 1,000, Deduct</i>	-27.33	
<i>For >1,000, Deduct</i>	-36.07	
21 13 13 00-0053 EA 3/4" NPT Thread, K=14.0, Extended Coverage, Upright White Polyester Coated Wet Pipe Sprinkler Head.....	110.60	10.92
<i>For >25 To 50, Deduct</i>	-2.18	
<i>For >50 To 100, Deduct</i>	-7.71	
<i>For >100 To 500, Deduct</i>	-14.92	
<i>For >500 To 1,000, Deduct</i>	-27.33	
<i>For >1,000, Deduct</i>	-36.07	
21 13 13 00-0054 EA 3/4" NPT Thread, K=11.2, Extended Coverage, Upright Brass Wet Pipe Sprinkler Head.....	85.57	10.92
<i>For >25 To 50, Deduct</i>	-2.18	
<i>For >50 To 100, Deduct</i>	-6.46	
<i>For >100 To 500, Deduct</i>	-11.79	
<i>For >500 To 1,000, Deduct</i>	-22.83	
<i>For >1,000, Deduct</i>	-31.56	
21 13 13 00-0055 EA 3/4" NPT Thread, K=11.2, Extended Coverage, Upright Chrome Wet Pipe Sprinkler Head.....	87.78	10.92
<i>For >25 To 50, Deduct</i>	-2.18	
<i>For >50 To 100, Deduct</i>	-6.57	
<i>For >100 To 500, Deduct</i>	-12.06	
<i>For >500 To 1,000, Deduct</i>	-23.23	
<i>For >1,000, Deduct</i>	-31.96	

21 Fire Suppression
21 10 Water-Based Fire-Suppression Systems
21 13 Fire-Suppression Sprinkler Systems



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
21 13 13 00-0056	EA 3/4" NPT Thread, K=11.2, Extended Coverage, Upright White Polyester Coated Wet Pipe Sprinkler Head	87.78	10.92
	For>25 To 50, Deduct	-2.18	
	For>50 To 100, Deduct	-6.57	
	For>100 To 500, Deduct	-12.06	
	For>500 To 1,000, Deduct	-23.23	
	For>1,000, Deduct	-31.96	
21 13 13 00-0057	EA 1/2" NPT Thread, K=5.6, Quick Response, Upright Stainless Steel Wet Pipe Sprinkler Head	269.52	9.82
	For>25 To 50, Deduct	-1.97	
	For>50 To 100, Deduct	-15.44	
	For>100 To 500, Deduct	-34.67	
	For>500 To 1,000, Deduct	-55.20	
	For>1,000, Deduct	-63.06	
21 13 13 00-0058	EA 3/4" NPT Thread, K=8.0, Quick Response, Upright Stainless Steel Wet Pipe Sprinkler Head	296.70	10.92
	For>25 To 50, Deduct	-2.18	
	For>50 To 100, Deduct	-17.02	
	For>100 To 500, Deduct	-38.18	
	For>500 To 1,000, Deduct	-60.83	
	For>1,000, Deduct	-69.57	
21 13 13 00-0059	EA 1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Upright Brass Wet Pipe Sprinkler Head	140.11	9.82
	For>25 To 50, Deduct	-1.97	
	For>50 To 100, Deduct	-8.97	
	For>100 To 500, Deduct	-18.50	
	For>500 To 1,000, Deduct	-31.90	
	For>1,000, Deduct	-39.76	
21 13 13 00-0060	EA 1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Upright Chrome Wet Pipe Sprinkler Head	173.82	9.82
	For>25 To 50, Deduct	-1.97	
	For>50 To 100, Deduct	-10.66	
	For>100 To 500, Deduct	-22.71	
	For>500 To 1,000, Deduct	-37.97	
	For>1,000, Deduct	-45.83	
21 13 13 00-0061	EA 1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Upright Brass Wet Pipe Sprinkler Head	314.81	9.82
	For>25 To 50, Deduct	-1.97	
	For>50 To 100, Deduct	-17.71	
	For>100 To 500, Deduct	-40.33	
	For>500 To 1,000, Deduct	-63.35	
	For>1,000, Deduct	-71.21	
21 13 13 00-0062	EA 1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Upright Chrome Wet Pipe Sprinkler Head	402.67	9.82
	For>25 To 50, Deduct	-1.97	
	For>50 To 100, Deduct	-22.10	
	For>100 To 500, Deduct	-51.32	
	For>500 To 1,000, Deduct	-79.16	
	For>1,000, Deduct	-87.03	
21 13 13 00-0063	EA 3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Upright Brass Wet Pipe Sprinkler Head	178.19	10.92
	For>25 To 50, Deduct	-2.18	
	For>50 To 100, Deduct	-11.09	
	For>100 To 500, Deduct	-23.37	
	For>500 To 1,000, Deduct	-39.50	
	For>1,000, Deduct	-48.24	
21 13 13 00-0064	EA 3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Upright Chrome Wet Pipe Sprinkler Head	179.22	10.92
	For>25 To 50, Deduct	-2.18	
	For>50 To 100, Deduct	-11.15	
	For>100 To 500, Deduct	-23.49	
	For>500 To 1,000, Deduct	-39.69	
	For>1,000, Deduct	-48.42	
21 13 13 00-0065	Conventional Wet Pipe Sprinkler Heads <small>(21 13 13 00-0024)</small>		
21 13 13 00-0066	EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Conventional Brass Wet Pipe Sprinkler Head	66.89	9.82
	For>25 To 50, Deduct	-1.97	
	For>50 To 100, Deduct	-5.31	
	For>100 To 500, Deduct	-9.34	
	For>500 To 1,000, Deduct	-18.72	
	For>1,000, Deduct	-26.58	
21 13 13 00-0067	EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Conventional Chrome Wet Pipe Sprinkler Head	69.71	9.82
	For>25 To 50, Deduct	-1.97	
	For>50 To 100, Deduct	-5.45	
	For>100 To 500, Deduct	-9.70	
	For>500 To 1,000, Deduct	-19.23	
	For>1,000, Deduct	-27.09	
21 13 13 00-0068	EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Conventional White Polyester Coated Wet Pipe Sprinkler Head	71.50	9.82
	For>25 To 50, Deduct	-1.97	
	For>50 To 100, Deduct	-5.54	
	For>100 To 500, Deduct	-9.92	
	For>500 To 1,000, Deduct	-19.55	
	For>1,000, Deduct	-27.41	
21 13 13 00-0069	EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional Brass Wet Pipe Sprinkler Head	78.23	10.92
	For>25 To 50, Deduct	-2.18	
	For>50 To 100, Deduct	-6.10	
	For>100 To 500, Deduct	-10.87	
	For>500 To 1,000, Deduct	-21.51	
	For>1,000, Deduct	-30.24	
21 13 13 00-0070	EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional Chrome Wet Pipe Sprinkler Head	81.53	10.92
	For>25 To 50, Deduct	-2.18	
	For>50 To 100, Deduct	-6.26	
	For>100 To 500, Deduct	-11.28	
	For>500 To 1,000, Deduct	-22.10	
	For>1,000, Deduct	-30.84	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0071 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional White Polyester Coated Wet Pipe Sprinkler Head.....	82.04	10.92
<i>For >25 To 50, Deduct</i>	-2.18	
<i>For >50 To 100, Deduct</i>	-6.29	
<i>For >100 To 500, Deduct</i>	-11.35	
<i>For >500 To 1,000, Deduct</i>	-22.19	
<i>For >1,000, Deduct</i>	-30.93	
21 13 13 00-0072 EA 1/2" NPT Thread, K=5.6, Quick Response, Conventional Stainless Steel Wet Pipe Sprinkler Head.....	269.52	9.82
<i>For >25 To 50, Deduct</i>	-1.97	
<i>For >50 To 100, Deduct</i>	-15.44	
<i>For >100 To 500, Deduct</i>	-34.67	
<i>For >500 To 1,000, Deduct</i>	-55.20	
<i>For >1,000, Deduct</i>	-63.06	
21 13 13 00-0073 Pendant Wet Pipe Sprinkler Heads <small>(21 13 13 00-0024)</small>		
See CSI section 21 13 13 00-0209 for escutcheon for recessed pendant sprinkler head.		
21 13 13 00-0074 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendant Brass Wet Pipe Sprinkler Head	66.89	9.82
<i>For >25 To 50, Deduct</i>	-1.97	
<i>For >50 To 100, Deduct</i>	-5.31	
<i>For >100 To 500, Deduct</i>	-9.34	
<i>For >500 To 1,000, Deduct</i>	-18.72	
<i>For >1,000, Deduct</i>	-26.58	
21 13 13 00-0075 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendant Chrome Wet Pipe Sprinkler Head	69.71	9.82
<i>For >25 To 50, Deduct</i>	-1.97	
<i>For >50 To 100, Deduct</i>	-5.45	
<i>For >100 To 500, Deduct</i>	-9.70	
<i>For >500 To 1,000, Deduct</i>	-19.23	
<i>For >1,000, Deduct</i>	-27.09	
21 13 13 00-0076 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendant White Polyester Coated Wet Pipe Sprinkler Head	71.50	9.82
<i>For >25 To 50, Deduct</i>	-1.97	
<i>For >50 To 100, Deduct</i>	-5.54	
<i>For >100 To 500, Deduct</i>	-9.92	
<i>For >500 To 1,000, Deduct</i>	-19.55	
<i>For >1,000, Deduct</i>	-27.41	
21 13 13 00-0077 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendant Brass Wet Pipe Sprinkler Head	77.23	10.92
<i>For >25 To 50, Deduct</i>	-2.18	
<i>For >50 To 100, Deduct</i>	-6.05	
<i>For >100 To 500, Deduct</i>	-10.75	
<i>For >500 To 1,000, Deduct</i>	-21.33	
<i>For >1,000, Deduct</i>	-30.06	
21 13 13 00-0078 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendant Chrome Wet Pipe Sprinkler Head.....	81.53	10.92
<i>For >25 To 50, Deduct</i>	-2.18	
<i>For >50 To 100, Deduct</i>	-6.26	
<i>For >100 To 500, Deduct</i>	-11.28	
<i>For >500 To 1,000, Deduct</i>	-22.10	
<i>For >1,000, Deduct</i>	-30.84	
21 13 13 00-0079 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendant White Polyester Coated Wet Pipe Sprinkler Head.....	82.40	10.92
<i>For >25 To 50, Deduct</i>	-2.18	
<i>For >50 To 100, Deduct</i>	-6.30	
<i>For >100 To 500, Deduct</i>	-11.39	
<i>For >500 To 1,000, Deduct</i>	-22.26	
<i>For >1,000, Deduct</i>	-30.99	
21 13 13 00-0080 EA 1/2" NPT Thread, 3/8" Orifice, K=2.8, Pendant Brass Wet Pipe Sprinkler Head	75.01	9.82
<i>For >25 To 50, Deduct</i>	-1.97	
<i>For >50 To 100, Deduct</i>	-5.72	
<i>For >100 To 500, Deduct</i>	-10.36	
<i>For >500 To 1,000, Deduct</i>	-20.18	
<i>For >1,000, Deduct</i>	-28.05	
21 13 13 00-0081 EA 1/2" NPT Thread, 3/8" Orifice, K=2.8, Pendant Chrome Wet Pipe Sprinkler Head.....	77.82	9.82
<i>For >25 To 50, Deduct</i>	-1.97	
<i>For >50 To 100, Deduct</i>	-5.86	
<i>For >100 To 500, Deduct</i>	-10.71	
<i>For >500 To 1,000, Deduct</i>	-20.69	
<i>For >1,000, Deduct</i>	-28.55	
21 13 13 00-0082 EA 1/2" NPT Thread, 3/8" Orifice, K=2.8, Pendant White Polyester Coated Wet Pipe Sprinkler Head	78.36	9.82
<i>For >25 To 50, Deduct</i>	-1.97	
<i>For >50 To 100, Deduct</i>	-5.88	
<i>For >100 To 500, Deduct</i>	-10.78	
<i>For >500 To 1,000, Deduct</i>	-20.79	
<i>For >1,000, Deduct</i>	-28.65	
21 13 13 00-0083 EA 1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendant Brass Wet Pipe Sprinkler Head	75.01	9.82
<i>For >25 To 50, Deduct</i>	-1.97	
<i>For >50 To 100, Deduct</i>	-5.72	
<i>For >100 To 500, Deduct</i>	-10.36	
<i>For >500 To 1,000, Deduct</i>	-20.18	
<i>For >1,000, Deduct</i>	-28.05	
21 13 13 00-0084 EA 1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendant Chrome Wet Pipe Sprinkler Head.....	77.82	9.82
<i>For >25 To 50, Deduct</i>	-1.97	
<i>For >50 To 100, Deduct</i>	-5.86	
<i>For >100 To 500, Deduct</i>	-10.71	
<i>For >500 To 1,000, Deduct</i>	-20.69	
<i>For >1,000, Deduct</i>	-28.55	
21 13 13 00-0085 EA 1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendant White Polyester Coated Wet Pipe Sprinkler Head.....	78.36	9.82
<i>For >25 To 50, Deduct</i>	-1.97	
<i>For >50 To 100, Deduct</i>	-5.88	
<i>For >100 To 500, Deduct</i>	-10.78	
<i>For >500 To 1,000, Deduct</i>	-20.79	
<i>For >1,000, Deduct</i>	-28.65	

21 Fire Suppression
21 10 Water-Based Fire-Suppression Systems
21 13 Fire-Suppression Sprinkler Systems



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
21 13 13 00-0086	EA 1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent Brass Wet Pipe Sprinkler Head, Low Lead	75.01	9.82
	For>25 To 50, Deduct	-1.97	
	For>50 To 100, Deduct	-5.72	
	For>100 To 500, Deduct	-10.36	
	For>500 To 1,000, Deduct	-20.18	
	For>1,000, Deduct	-28.05	
21 13 13 00-0087	EA 1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent Chrome Wet Pipe Sprinkler Head, Low Lead	77.82	9.82
	For>25 To 50, Deduct	-1.97	
	For>50 To 100, Deduct	-5.86	
	For>100 To 500, Deduct	-10.71	
	For>500 To 1,000, Deduct	-20.69	
	For>1,000, Deduct	-28.55	
21 13 13 00-0088	EA 1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent White Polyester Coated Wet Pipe Sprinkler Head, Low Lead	78.36	9.82
	For>25 To 50, Deduct	-1.97	
	For>50 To 100, Deduct	-5.88	
	For>100 To 500, Deduct	-10.78	
	For>500 To 1,000, Deduct	-20.79	
	For>1,000, Deduct	-28.65	
21 13 13 00-0089	EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent Brass Wet Pipe Sprinkler Head, Low Lead	66.89	9.82
	For>25 To 50, Deduct	-1.97	
	For>50 To 100, Deduct	-5.31	
	For>100 To 500, Deduct	-9.34	
	For>500 To 1,000, Deduct	-18.72	
	For>1,000, Deduct	-26.58	
21 13 13 00-0090	EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent Chrome Wet Pipe Sprinkler Head, Low Lead	69.71	9.82
	For>25 To 50, Deduct	-1.97	
	For>50 To 100, Deduct	-5.45	
	For>100 To 500, Deduct	-9.70	
	For>500 To 1,000, Deduct	-19.23	
	For>1,000, Deduct	-27.09	
21 13 13 00-0091	EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent White Polyester Coated Wet Pipe Sprinkler Head, Low Lead	71.50	9.82
	For>25 To 50, Deduct	-1.97	
	For>50 To 100, Deduct	-5.54	
	For>100 To 500, Deduct	-9.92	
	For>500 To 1,000, Deduct	-19.55	
	For>1,000, Deduct	-27.41	
21 13 13 00-0092	EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent Brass Wet Pipe Sprinkler Head	68.31	9.82
	For>25 To 50, Deduct	-1.97	
	For>50 To 100, Deduct	-5.38	
	For>100 To 500, Deduct	-9.52	
	For>500 To 1,000, Deduct	-18.98	
	For>1,000, Deduct	-26.84	
21 13 13 00-0093	EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent Chrome Wet Pipe Sprinkler Head	70.30	9.82
	For>25 To 50, Deduct	-1.97	
	For>50 To 100, Deduct	-5.48	
	For>100 To 500, Deduct	-9.77	
	For>500 To 1,000, Deduct	-19.34	
	For>1,000, Deduct	-27.20	
21 13 13 00-0094	EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent White Polyester Coated Wet Pipe Sprinkler Head	72.11	9.82
	For>25 To 50, Deduct	-1.97	
	For>50 To 100, Deduct	-5.57	
	For>100 To 500, Deduct	-10.00	
	For>500 To 1,000, Deduct	-19.66	
	For>1,000, Deduct	-27.52	
21 13 13 00-0095	EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent Brass Wet Pipe Sprinkler Head	79.89	10.92
	For>25 To 50, Deduct	-2.18	
	For>50 To 100, Deduct	-6.18	
	For>100 To 500, Deduct	-11.08	
	For>500 To 1,000, Deduct	-21.81	
	For>1,000, Deduct	-30.54	
21 13 13 00-0096	EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent Chrome Wet Pipe Sprinkler Head	83.53	10.92
	For>25 To 50, Deduct	-2.18	
	For>50 To 100, Deduct	-6.36	
	For>100 To 500, Deduct	-11.53	
	For>500 To 1,000, Deduct	-22.46	
	For>1,000, Deduct	-31.20	
21 13 13 00-0097	EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent White Polyester Coated Wet Pipe Sprinkler Head	83.53	10.92
	For>25 To 50, Deduct	-2.18	
	For>50 To 100, Deduct	-6.36	
	For>100 To 500, Deduct	-11.53	
	For>500 To 1,000, Deduct	-22.46	
	For>1,000, Deduct	-31.20	
21 13 13 00-0098	EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	76.95	9.82
	For>25 To 50, Deduct	-1.97	
	For>50 To 100, Deduct	-5.81	
	For>100 To 500, Deduct	-10.60	
	For>500 To 1,000, Deduct	-20.53	
	For>1,000, Deduct	-28.40	
21 13 13 00-0099	EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head	80.63	9.82
	For>25 To 50, Deduct	-1.97	
	For>50 To 100, Deduct	-6.00	
	For>100 To 500, Deduct	-11.06	
	For>500 To 1,000, Deduct	-21.20	
	For>1,000, Deduct	-29.06	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0100	EA			1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Pendent Brass Wet Pipe Sprinkler Head .....86.14	86.14	9.82
				<i>For >25 To 50, Deduct</i>	-1.97	
				<i>For >50 To 100, Deduct</i>	-6.27	
				<i>For >100 To 500, Deduct</i>	-11.75	
				<i>For >500 To 1,000, Deduct</i>	-22.19	
				<i>For >1,000, Deduct</i>	-30.05	
21 13 13 00-0101	EA			1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head.....92.17	92.17	9.82
				<i>For >25 To 50, Deduct</i>	-1.97	
				<i>For >50 To 100, Deduct</i>	-6.57	
				<i>For >100 To 500, Deduct</i>	-12.50	
				<i>For >500 To 1,000, Deduct</i>	-23.27	
				<i>For >1,000, Deduct</i>	-31.14	
21 13 13 00-0102	EA			1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Pendent Brass Wet Pipe Sprinkler Head .....86.14	86.14	9.82
				<i>For >25 To 50, Deduct</i>	-1.97	
				<i>For >50 To 100, Deduct</i>	-6.27	
				<i>For >100 To 500, Deduct</i>	-11.75	
				<i>For >500 To 1,000, Deduct</i>	-22.19	
				<i>For >1,000, Deduct</i>	-30.05	
21 13 13 00-0103	EA			1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head.....92.17	92.17	9.82
				<i>For >25 To 50, Deduct</i>	-1.97	
				<i>For >50 To 100, Deduct</i>	-6.57	
				<i>For >100 To 500, Deduct</i>	-12.50	
				<i>For >500 To 1,000, Deduct</i>	-23.27	
				<i>For >1,000, Deduct</i>	-31.14	
21 13 13 00-0104	EA			1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head .....72.20	72.20	9.82
				<i>For >25 To 50, Deduct</i>	-1.97	
				<i>For >50 To 100, Deduct</i>	-5.58	
				<i>For >100 To 500, Deduct</i>	-10.01	
				<i>For >500 To 1,000, Deduct</i>	-19.68	
				<i>For >1,000, Deduct</i>	-27.54	
21 13 13 00-0105	EA			1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head .....75.36	75.36	9.82
				<i>For >25 To 50, Deduct</i>	-1.97	
				<i>For >50 To 100, Deduct</i>	-5.73	
				<i>For >100 To 500, Deduct</i>	-10.40	
				<i>For >500 To 1,000, Deduct</i>	-20.25	
				<i>For >1,000, Deduct</i>	-28.11	
21 13 13 00-0106	EA			1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head .....77.01	77.01	9.82
				<i>For >25 To 50, Deduct</i>	-1.97	
				<i>For >50 To 100, Deduct</i>	-5.82	
				<i>For >100 To 500, Deduct</i>	-10.61	
				<i>For >500 To 1,000, Deduct</i>	-20.54	
				<i>For >1,000, Deduct</i>	-28.41	
21 13 13 00-0107	EA			3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head .....78.57	78.57	10.92
				<i>For >25 To 50, Deduct</i>	-2.18	
				<i>For >50 To 100, Deduct</i>	-6.11	
				<i>For >100 To 500, Deduct</i>	-10.91	
				<i>For >500 To 1,000, Deduct</i>	-21.57	
				<i>For >1,000, Deduct</i>	-30.30	
21 13 13 00-0108	EA			3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head .....81.68	81.68	10.92
				<i>For >25 To 50, Deduct</i>	-2.18	
				<i>For >50 To 100, Deduct</i>	-6.27	
				<i>For >100 To 500, Deduct</i>	-11.30	
				<i>For >500 To 1,000, Deduct</i>	-22.13	
				<i>For >1,000, Deduct</i>	-30.86	
21 13 13 00-0109	EA			3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head .....84.71	84.71	10.92
				<i>For >25 To 50, Deduct</i>	-2.18	
				<i>For >50 To 100, Deduct</i>	-6.42	
				<i>For >100 To 500, Deduct</i>	-11.68	
				<i>For >500 To 1,000, Deduct</i>	-22.67	
				<i>For >1,000, Deduct</i>	-31.41	
21 13 13 00-0110	EA			1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head .....73.98	73.98	9.82
				<i>For >25 To 50, Deduct</i>	-1.97	
				<i>For >50 To 100, Deduct</i>	-5.66	
				<i>For >100 To 500, Deduct</i>	-10.23	
				<i>For >500 To 1,000, Deduct</i>	-20.00	
				<i>For >1,000, Deduct</i>	-27.86	
21 13 13 00-0111	EA			1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head .....77.08	77.08	9.82
				<i>For >25 To 50, Deduct</i>	-1.97	
				<i>For >50 To 100, Deduct</i>	-5.82	
				<i>For >100 To 500, Deduct</i>	-10.62	
				<i>For >500 To 1,000, Deduct</i>	-20.56	
				<i>For >1,000, Deduct</i>	-28.42	
21 13 13 00-0112	EA			1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head .....78.77	78.77	9.82
				<i>For >25 To 50, Deduct</i>	-1.97	
				<i>For >50 To 100, Deduct</i>	-5.90	
				<i>For >100 To 500, Deduct</i>	-10.83	
				<i>For >500 To 1,000, Deduct</i>	-20.86	
				<i>For >1,000, Deduct</i>	-28.72	

21 Fire Suppression
21 10 Water-Based Fire-Suppression Systems
21 13 Fire-Suppression Sprinkler Systems



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
21 13 13 00-0113	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	79.89		10.92
		<i>For >25 To 50, Deduct</i>	-2.18		
		<i>For >50 To 100, Deduct</i>	-6.18		
		<i>For >100 To 500, Deduct</i>	-11.08		
		<i>For >500 To 1,000, Deduct</i>	-21.81		
		<i>For >1,000, Deduct</i>	-30.54		
21 13 13 00-0114	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	83.14		10.92
		<i>For >25 To 50, Deduct</i>	-2.18		
		<i>For >50 To 100, Deduct</i>	-6.34		
		<i>For >100 To 500, Deduct</i>	-11.48		
		<i>For >500 To 1,000, Deduct</i>	-22.39		
		<i>For >1,000, Deduct</i>	-31.13		
21 13 13 00-0115	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	86.28		10.92
		<i>For >25 To 50, Deduct</i>	-2.18		
		<i>For >50 To 100, Deduct</i>	-6.50		
		<i>For >100 To 500, Deduct</i>	-11.88		
		<i>For >500 To 1,000, Deduct</i>	-22.96		
		<i>For >1,000, Deduct</i>	-31.69		
21 13 13 00-0116	EA	1/2" NPT Thread, 1/2" Orifice, Decorative Pendent Chrome Wet Pipe Sprinkler Head	123.24		9.82
		<i>For >25 To 50, Deduct</i>	-1.97		
		<i>For >50 To 100, Deduct</i>	-8.13		
		<i>For >100 To 500, Deduct</i>	-16.39		
		<i>For >500 To 1,000, Deduct</i>	-28.87		
		<i>For >1,000, Deduct</i>	-36.73		
21 13 13 00-0117	EA	1/2" NPT Thread, 1/2" Orifice, Decorative Pendent White Polyester Coated Wet Pipe Sprinkler Head	123.24		9.82
		<i>For >25 To 50, Deduct</i>	-1.97		
		<i>For >50 To 100, Deduct</i>	-8.13		
		<i>For >100 To 500, Deduct</i>	-16.39		
		<i>For >500 To 1,000, Deduct</i>	-28.87		
		<i>For >1,000, Deduct</i>	-36.73		
21 13 13 00-0118	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	88.80		10.92
		<i>For >25 To 50, Deduct</i>	-2.18		
		<i>For >50 To 100, Deduct</i>	-6.62		
		<i>For >100 To 500, Deduct</i>	-12.19		
		<i>For >500 To 1,000, Deduct</i>	-23.41		
		<i>For >1,000, Deduct</i>	-32.15		
21 13 13 00-0119	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	91.19		10.92
		<i>For >25 To 50, Deduct</i>	-2.18		
		<i>For >50 To 100, Deduct</i>	-6.74		
		<i>For >100 To 500, Deduct</i>	-12.49		
		<i>For >500 To 1,000, Deduct</i>	-23.84		
		<i>For >1,000, Deduct</i>	-32.58		
21 13 13 00-0120	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	91.19		10.92
		<i>For >25 To 50, Deduct</i>	-2.18		
		<i>For >50 To 100, Deduct</i>	-6.74		
		<i>For >100 To 500, Deduct</i>	-12.49		
		<i>For >500 To 1,000, Deduct</i>	-23.84		
		<i>For >1,000, Deduct</i>	-32.58		
21 13 13 00-0121	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	85.57		10.92
		<i>For >25 To 50, Deduct</i>	-2.18		
		<i>For >50 To 100, Deduct</i>	-6.46		
		<i>For >100 To 500, Deduct</i>	-11.79		
		<i>For >500 To 1,000, Deduct</i>	-22.83		
		<i>For >1,000, Deduct</i>	-31.56		
21 13 13 00-0122	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	87.78		10.92
		<i>For >25 To 50, Deduct</i>	-2.18		
		<i>For >50 To 100, Deduct</i>	-6.57		
		<i>For >100 To 500, Deduct</i>	-12.06		
		<i>For >500 To 1,000, Deduct</i>	-23.23		
		<i>For >1,000, Deduct</i>	-31.96		
21 13 13 00-0123	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	87.78		10.92
		<i>For >25 To 50, Deduct</i>	-2.18		
		<i>For >50 To 100, Deduct</i>	-6.57		
		<i>For >100 To 500, Deduct</i>	-12.06		
		<i>For >500 To 1,000, Deduct</i>	-23.23		
		<i>For >1,000, Deduct</i>	-31.96		
21 13 13 00-0124	EA	1/2" NPT Thread, K=5.6, Quick Response, Pendent Stainless Steel Wet Pipe Sprinkler Head	269.52		9.82
		<i>For >25 To 50, Deduct</i>	-1.97		
		<i>For >50 To 100, Deduct</i>	-15.44		
		<i>For >100 To 500, Deduct</i>	-34.67		
		<i>For >500 To 1,000, Deduct</i>	-55.20		
		<i>For >1,000, Deduct</i>	-63.06		
21 13 13 00-0125	EA	3/4" NPT Thread, K=8.0, Quick Response, Pendent Stainless Steel Wet Pipe Sprinkler Head	296.70		10.92
		<i>For >25 To 50, Deduct</i>	-2.18		
		<i>For >50 To 100, Deduct</i>	-17.02		
		<i>For >100 To 500, Deduct</i>	-38.18		
		<i>For >500 To 1,000, Deduct</i>	-60.83		
		<i>For >1,000, Deduct</i>	-69.57		
21 13 13 00-0126	EA	1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Pendent Brass Wet Pipe Sprinkler Head	140.11		9.82
		<i>For >25 To 50, Deduct</i>	-1.97		
		<i>For >50 To 100, Deduct</i>	-8.97		
		<i>For >100 To 500, Deduct</i>	-18.50		
		<i>For >500 To 1,000, Deduct</i>	-31.90		
		<i>For >1,000, Deduct</i>	-39.76		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0127	EA			1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Pendent Chrome Wet Pipe Sprinkler Head 173.82		9.82
				<i>For >25 To 50, Deduct</i>	-1.97	
				<i>For >50 To 100, Deduct</i>	-10.66	
				<i>For >100 To 500, Deduct</i>	-22.71	
				<i>For >500 To 1,000, Deduct</i>	-37.97	
				<i>For >1,000, Deduct</i>	-45.83	
21 13 13 00-0128	EA			1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Pendent Brass Wet Pipe Sprinkler Head 314.81		9.82
				<i>For >25 To 50, Deduct</i>	-1.97	
				<i>For >50 To 100, Deduct</i>	-17.71	
				<i>For >100 To 500, Deduct</i>	-40.33	
				<i>For >500 To 1,000, Deduct</i>	-63.35	
				<i>For >1,000, Deduct</i>	-71.21	
21 13 13 00-0129	EA			1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Pendent Chrome Wet Pipe Sprinkler Head 402.67		9.82
				<i>For >25 To 50, Deduct</i>	-1.97	
				<i>For >50 To 100, Deduct</i>	-22.10	
				<i>For >100 To 500, Deduct</i>	-51.32	
				<i>For >500 To 1,000, Deduct</i>	-79.16	
				<i>For >1,000, Deduct</i>	-87.03	
21 13 13 00-0130	EA			3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Pendent Brass Wet Pipe Sprinkler Head 178.19		10.92
				<i>For >25 To 50, Deduct</i>	-2.18	
				<i>For >50 To 100, Deduct</i>	-11.09	
				<i>For >100 To 500, Deduct</i>	-23.37	
				<i>For >500 To 1,000, Deduct</i>	-39.50	
				<i>For >1,000, Deduct</i>	-48.24	
21 13 13 00-0131	EA			3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Pendent Chrome Wet Pipe Sprinkler Head 179.22		10.92
				<i>For >25 To 50, Deduct</i>	-2.18	
				<i>For >50 To 100, Deduct</i>	-11.15	
				<i>For >100 To 500, Deduct</i>	-23.49	
				<i>For >500 To 1,000, Deduct</i>	-39.69	
				<i>For >1,000, Deduct</i>	-48.42	
21 13 13 00-0132				Sidewall Wet Pipe Sprinkler Heads <small>(21 13 13 00-0024)</small>		
21 13 13 00-0133				Horizontal Sidewall Wet-Pipe Sprinkler Heads <small>(21 13 13 00-0132)</small>		
21 13 13 00-0134	EA			1/2" NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall Brass Wet Pipe Sprinkler Head 71.10		9.82
				<i>For >25 To 50, Deduct</i>	-1.97	
				<i>For >50 To 100, Deduct</i>	-5.52	
				<i>For >100 To 500, Deduct</i>	-9.87	
				<i>For >500 To 1,000, Deduct</i>	-19.48	
				<i>For >1,000, Deduct</i>	-27.34	
21 13 13 00-0135	EA			1/2" NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head 73.35		9.82
				<i>For >25 To 50, Deduct</i>	-1.97	
				<i>For >50 To 100, Deduct</i>	-5.63	
				<i>For >100 To 500, Deduct</i>	-10.15	
				<i>For >500 To 1,000, Deduct</i>	-19.89	
				<i>For >1,000, Deduct</i>	-27.75	
21 13 13 00-0136	EA			1/2" NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall White Polyester Coated Wet Pipe Sprinkler Head 76.91		9.82
				<i>For >25 To 50, Deduct</i>	-1.97	
				<i>For >50 To 100, Deduct</i>	-5.81	
				<i>For >100 To 500, Deduct</i>	-10.60	
				<i>For >500 To 1,000, Deduct</i>	-20.53	
				<i>For >1,000, Deduct</i>	-28.39	
21 13 13 00-0137	EA			1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall Brass Wet Pipe Sprinkler Head 72.37		9.82
				<i>For >25 To 50, Deduct</i>	-1.97	
				<i>For >50 To 100, Deduct</i>	-5.58	
				<i>For >100 To 500, Deduct</i>	-10.03	
				<i>For >500 To 1,000, Deduct</i>	-19.71	
				<i>For >1,000, Deduct</i>	-27.57	
21 13 13 00-0138	EA			1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head 74.66		9.82
				<i>For >25 To 50, Deduct</i>	-1.97	
				<i>For >50 To 100, Deduct</i>	-5.70	
				<i>For >100 To 500, Deduct</i>	-10.32	
				<i>For >500 To 1,000, Deduct</i>	-20.12	
				<i>For >1,000, Deduct</i>	-27.98	
21 13 13 00-0139	EA			1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall White Wet Pipe Sprinkler Head 78.29		9.82
				<i>For >25 To 50, Deduct</i>	-1.97	
				<i>For >50 To 100, Deduct</i>	-5.88	
				<i>For >100 To 500, Deduct</i>	-10.77	
				<i>For >500 To 1,000, Deduct</i>	-20.77	
				<i>For >1,000, Deduct</i>	-28.64	
21 13 13 00-0140	EA			1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head 80.63		9.82
				<i>For >25 To 50, Deduct</i>	-1.97	
				<i>For >50 To 100, Deduct</i>	-6.00	
				<i>For >100 To 500, Deduct</i>	-11.06	
				<i>For >500 To 1,000, Deduct</i>	-21.20	
				<i>For >1,000, Deduct</i>	-29.06	
21 13 13 00-0141	EA			1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head 84.30		9.82
				<i>For >25 To 50, Deduct</i>	-1.97	
				<i>For >50 To 100, Deduct</i>	-6.18	
				<i>For >100 To 500, Deduct</i>	-11.52	
				<i>For >500 To 1,000, Deduct</i>	-21.86	
				<i>For >1,000, Deduct</i>	-29.72	
21 13 13 00-0142	EA			3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head 86.86		10.92
				<i>For >25 To 50, Deduct</i>	-2.18	
				<i>For >50 To 100, Deduct</i>	-6.53	
				<i>For >100 To 500, Deduct</i>	-11.95	
				<i>For >500 To 1,000, Deduct</i>	-23.06	
				<i>For >1,000, Deduct</i>	-31.80	

21 Fire Suppression**21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
21 13 13 00-0143	EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head.....	92.35	10.92
	<i>For >25 To 50, Deduct</i>	-2.18	
	<i>For >50 To 100, Deduct</i>	-6.80	
	<i>For >100 To 500, Deduct</i>	-12.64	
	<i>For >500 To 1,000, Deduct</i>	-24.05	
	<i>For >1,000, Deduct</i>	-32.78	
21 13 13 00-0144	EA 1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	88.53	9.82
	<i>For >25 To 50, Deduct</i>	-1.97	
	<i>For >50 To 100, Deduct</i>	-6.39	
	<i>For >100 To 500, Deduct</i>	-12.05	
	<i>For >500 To 1,000, Deduct</i>	-22.62	
	<i>For >1,000, Deduct</i>	-30.48	
21 13 13 00-0145	EA 1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head.....	92.17	9.82
	<i>For >25 To 50, Deduct</i>	-1.97	
	<i>For >50 To 100, Deduct</i>	-6.57	
	<i>For >100 To 500, Deduct</i>	-12.50	
	<i>For >500 To 1,000, Deduct</i>	-23.27	
	<i>For >1,000, Deduct</i>	-31.14	
21 13 13 00-0146	EA 1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	88.53	9.82
	<i>For >25 To 50, Deduct</i>	-1.97	
	<i>For >50 To 100, Deduct</i>	-6.39	
	<i>For >100 To 500, Deduct</i>	-12.05	
	<i>For >500 To 1,000, Deduct</i>	-22.62	
	<i>For >1,000, Deduct</i>	-30.48	
21 13 13 00-0147	EA 1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head.....	92.17	9.82
	<i>For >25 To 50, Deduct</i>	-1.97	
	<i>For >50 To 100, Deduct</i>	-6.57	
	<i>For >100 To 500, Deduct</i>	-12.50	
	<i>For >500 To 1,000, Deduct</i>	-23.27	
	<i>For >1,000, Deduct</i>	-31.14	
21 13 13 00-0148	EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head.....	69.18	9.82
	<i>For >25 To 50, Deduct</i>	-1.97	
	<i>For >50 To 100, Deduct</i>	-5.42	
	<i>For >100 To 500, Deduct</i>	-9.63	
	<i>For >500 To 1,000, Deduct</i>	-19.14	
	<i>For >1,000, Deduct</i>	-27.00	
21 13 13 00-0149	EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	71.04	9.82
	<i>For >25 To 50, Deduct</i>	-1.97	
	<i>For >50 To 100, Deduct</i>	-5.52	
	<i>For >100 To 500, Deduct</i>	-9.86	
	<i>For >500 To 1,000, Deduct</i>	-19.47	
	<i>For >1,000, Deduct</i>	-27.33	
21 13 13 00-0150	EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head.....	73.36	9.82
	<i>For >25 To 50, Deduct</i>	-1.97	
	<i>For >50 To 100, Deduct</i>	-5.63	
	<i>For >100 To 500, Deduct</i>	-10.15	
	<i>For >500 To 1,000, Deduct</i>	-19.89	
	<i>For >1,000, Deduct</i>	-27.75	
21 13 13 00-0151	EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head.....	75.73	10.92
	<i>For >25 To 50, Deduct</i>	-2.18	
	<i>For >50 To 100, Deduct</i>	-5.97	
	<i>For >100 To 500, Deduct</i>	-10.56	
	<i>For >500 To 1,000, Deduct</i>	-21.06	
	<i>For >1,000, Deduct</i>	-29.79	
21 13 13 00-0152	EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head.....	77.73	10.92
	<i>For >25 To 50, Deduct</i>	-2.18	
	<i>For >50 To 100, Deduct</i>	-6.07	
	<i>For >100 To 500, Deduct</i>	-10.81	
	<i>For >500 To 1,000, Deduct</i>	-21.42	
	<i>For >1,000, Deduct</i>	-30.15	
21 13 13 00-0153	EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head.....	79.88	10.92
	<i>For >25 To 50, Deduct</i>	-2.18	
	<i>For >50 To 100, Deduct</i>	-6.18	
	<i>For >100 To 500, Deduct</i>	-11.08	
	<i>For >500 To 1,000, Deduct</i>	-21.80	
	<i>For >1,000, Deduct</i>	-30.54	
21 13 13 00-0154	EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	77.31	10.92
	<i>For >25 To 50, Deduct</i>	-2.18	
	<i>For >50 To 100, Deduct</i>	-6.05	
	<i>For >100 To 500, Deduct</i>	-10.76	
	<i>For >500 To 1,000, Deduct</i>	-21.34	
	<i>For >1,000, Deduct</i>	-30.08	
21 13 13 00-0155	EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	79.38	10.92
	<i>For >25 To 50, Deduct</i>	-2.18	
	<i>For >50 To 100, Deduct</i>	-6.15	
	<i>For >100 To 500, Deduct</i>	-11.01	
	<i>For >500 To 1,000, Deduct</i>	-21.71	
	<i>For >1,000, Deduct</i>	-30.45	
21 13 13 00-0156	EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head	81.62	10.92
	<i>For >25 To 50, Deduct</i>	-2.18	
	<i>For >50 To 100, Deduct</i>	-6.27	
	<i>For >100 To 500, Deduct</i>	-11.29	
	<i>For >500 To 1,000, Deduct</i>	-22.12	
	<i>For >1,000, Deduct</i>	-30.85	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0157 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head.....	81.66	10.92
<i>For >25 To 50, Deduct</i>	-2.18	
<i>For >50 To 100, Deduct</i>	-6.27	
<i>For >100 To 500, Deduct</i>	-11.30	
<i>For >500 To 1,000, Deduct</i>	-22.12	
<i>For >1,000, Deduct</i>	-30.86	
21 13 13 00-0158 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head.....	84.72	10.92
<i>For >25 To 50, Deduct</i>	-2.18	
<i>For >50 To 100, Deduct</i>	-6.42	
<i>For >100 To 500, Deduct</i>	-11.68	
<i>For >500 To 1,000, Deduct</i>	-22.68	
<i>For >1,000, Deduct</i>	-31.41	
21 13 13 00-0159 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head.....	84.72	10.92
<i>For >25 To 50, Deduct</i>	-2.18	
<i>For >50 To 100, Deduct</i>	-6.42	
<i>For >100 To 500, Deduct</i>	-11.68	
<i>For >500 To 1,000, Deduct</i>	-22.68	
<i>For >1,000, Deduct</i>	-31.41	
21 13 13 00-0160 EA 1/2" NPT Thread, 1/2" Orifice, Decorative Horizontal Sidewall Chrome Wet Pipe Sprinkler Head.....	143.51	9.82
<i>For >25 To 50, Deduct</i>	-1.97	
<i>For >50 To 100, Deduct</i>	-9.14	
<i>For >100 To 500, Deduct</i>	-18.92	
<i>For >500 To 1,000, Deduct</i>	-32.51	
<i>For >1,000, Deduct</i>	-40.38	
21 13 13 00-0161 EA 1/2" NPT Thread, 1/2" Orifice, Decorative Horizontal Sidewall White Wet Pipe Sprinkler Head.....	143.51	9.82
<i>For >25 To 50, Deduct</i>	-1.97	
<i>For >50 To 100, Deduct</i>	-9.14	
<i>For >100 To 500, Deduct</i>	-18.92	
<i>For >500 To 1,000, Deduct</i>	-32.51	
<i>For >1,000, Deduct</i>	-40.38	
21 13 13 00-0162 EA 1/2" NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall Brass Wet Pipe Sprinkler Head.....	69.96	9.82
<i>For >25 To 50, Deduct</i>	-1.97	
<i>For >50 To 100, Deduct</i>	-5.46	
<i>For >100 To 500, Deduct</i>	-9.73	
<i>For >500 To 1,000, Deduct</i>	-19.28	
<i>For >1,000, Deduct</i>	-27.14	
21 13 13 00-0163 EA 1/2" NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall Chrome Wet Pipe Sprinkler Head.....	69.96	9.82
<i>For >25 To 50, Deduct</i>	-1.97	
<i>For >50 To 100, Deduct</i>	-5.46	
<i>For >100 To 500, Deduct</i>	-9.73	
<i>For >500 To 1,000, Deduct</i>	-19.28	
<i>For >1,000, Deduct</i>	-27.14	
21 13 13 00-0164 EA 1/2" NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall White Wet Pipe Sprinkler Head.....	69.96	9.82
<i>For >25 To 50, Deduct</i>	-1.97	
<i>For >50 To 100, Deduct</i>	-5.46	
<i>For >100 To 500, Deduct</i>	-9.73	
<i>For >500 To 1,000, Deduct</i>	-19.28	
<i>For >1,000, Deduct</i>	-27.14	
21 13 13 00-0165 Vertical Sidewall Wet-Pipe Sprinkler Heads <small>(21 13 13 00-0132)</small>		
21 13 13 00-0166 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall Brass Wet Pipe Sprinkler Head.....	74.02	9.82
<i>For >25 To 50, Deduct</i>	-1.97	
<i>For >50 To 100, Deduct</i>	-5.67	
<i>For >100 To 500, Deduct</i>	-10.24	
<i>For >500 To 1,000, Deduct</i>	-20.01	
<i>For >1,000, Deduct</i>	-27.87	
21 13 13 00-0167 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall Chrome Wet Pipe Sprinkler Head.....	76.82	9.82
<i>For >25 To 50, Deduct</i>	-1.97	
<i>For >50 To 100, Deduct</i>	-5.81	
<i>For >100 To 500, Deduct</i>	-10.59	
<i>For >500 To 1,000, Deduct</i>	-20.51	
<i>For >1,000, Deduct</i>	-28.37	
21 13 13 00-0168 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall White Wet Pipe Sprinkler Head.....	78.03	9.82
<i>For >25 To 50, Deduct</i>	-1.97	
<i>For >50 To 100, Deduct</i>	-5.87	
<i>For >100 To 500, Deduct</i>	-10.74	
<i>For >500 To 1,000, Deduct</i>	-20.73	
<i>For >1,000, Deduct</i>	-28.59	
21 13 13 00-0169 Concealed Wet Pipe Sprinkler Heads <small>(21 13 13 00-0024)</small>		
21 13 13 00-0170 Concealed Pendant Wet-Pipe Sprinkler Heads <small>(21 13 13 00-0169)</small>		
21 13 13 00-0171 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Brass Wet Pipe Sprinkler Head, Low Lead.....	107.61	13.11
Note: Excludes coverplate		
<i>For >25 To 50, Deduct</i>	-2.62	
<i>For >50 To 100, Deduct</i>	-8.00	
<i>For >100 To 500, Deduct</i>	-14.76	
<i>For >500 To 1,000, Deduct</i>	-28.28	
<i>For >1,000, Deduct</i>	-38.76	
21 13 13 00-0172 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Brass Wet Pipe Sprinkler Head.....	74.65	13.11
Note: Excludes coverplate		
<i>For >25 To 50, Deduct</i>	-2.62	
<i>For >50 To 100, Deduct</i>	-6.35	
<i>For >100 To 500, Deduct</i>	-10.64	
<i>For >500 To 1,000, Deduct</i>	-22.35	
<i>For >1,000, Deduct</i>	-32.83	

21 Fire Suppression**21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0173	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Concealed Pendent Brass Wet Pipe Sprinkler Head 75.86	75.86	13.11
			Note: Excludes coverplate		
			For >25 To 50, Deduct	-2.62	
			For >50 To 100, Deduct	-6.41	
			For >100 To 500, Deduct	-10.79	
			For >500 To 1,000, Deduct	-22.56	
			For >1,000, Deduct	-33.05	
21 13 13 00-0174	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Concealed Pendent Brass Wet Pipe Sprinkler Head..... 96.58	96.58	14.20
			Note: Excludes coverplate		
			For >25 To 50, Deduct	-2.84	
			For >50 To 100, Deduct	-7.67	
			For >100 To 500, Deduct	-13.49	
			For >500 To 1,000, Deduct	-27.04	
			For >1,000, Deduct	-38.40	
21 13 13 00-0175	EA		1/2" NPT Thread, 7/16" Orifice, K=4.2, Concealed Pendent Brass Wet Pipe Sprinkler Head..... 92.20	92.20	13.11
			Note: Excludes coverplate		
			For >25 To 50, Deduct	-2.62	
			For >50 To 100, Deduct	-7.23	
			For >100 To 500, Deduct	-12.84	
			For >500 To 1,000, Deduct	-25.51	
			For >1,000, Deduct	-35.99	
21 13 13 00-0176	EA		1/2" NPT Thread, 3/8" Orifice, K=2.8, Concealed Pendent Brass Wet Pipe Sprinkler Head 92.20	92.20	13.11
			Note: Excludes coverplate		
			For >25 To 50, Deduct	-2.62	
			For >50 To 100, Deduct	-7.23	
			For >100 To 500, Deduct	-12.84	
			For >500 To 1,000, Deduct	-25.51	
			For >1,000, Deduct	-35.99	
21 13 13 00-0177	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head 96.58	96.58	14.20
			Note: Excludes coverplate		
			For >25 To 50, Deduct	-2.84	
			For >50 To 100, Deduct	-7.67	
			For >100 To 500, Deduct	-13.49	
			For >500 To 1,000, Deduct	-27.04	
			For >1,000, Deduct	-38.40	
21 13 13 00-0178	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head 84.49	84.49	13.11
			Note: Excludes coverplate		
			For >25 To 50, Deduct	-2.62	
			For >50 To 100, Deduct	-6.85	
			For >100 To 500, Deduct	-11.87	
			For >500 To 1,000, Deduct	-24.12	
			For >1,000, Deduct	-34.60	
21 13 13 00-0179	EA		1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head 92.20	92.20	13.11
			Note: Excludes coverplate		
			For >25 To 50, Deduct	-2.62	
			For >50 To 100, Deduct	-7.23	
			For >100 To 500, Deduct	-12.84	
			For >500 To 1,000, Deduct	-25.51	
			For >1,000, Deduct	-35.99	
21 13 13 00-0180	EA		1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head 92.20	92.20	13.11
			Note: Excludes coverplate		
			For >25 To 50, Deduct	-2.62	
			For >50 To 100, Deduct	-7.23	
			For >100 To 500, Deduct	-12.84	
			For >500 To 1,000, Deduct	-25.51	
			For >1,000, Deduct	-35.99	
21 13 13 00-0181	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head 86.31	86.31	13.11
			Note: Excludes coverplate		
			For >25 To 50, Deduct	-2.62	
			For >50 To 100, Deduct	-6.94	
			For >100 To 500, Deduct	-12.10	
			For >500 To 1,000, Deduct	-24.45	
			For >1,000, Deduct	-34.93	
21 13 13 00-0182	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Adjustable Concealed Pendent Brass Wet Pipe Sprinkler Head..... 146.88	146.88	15.29
			Note: Excludes coverplate		
			For >25 To 50, Deduct	-3.06	
			For >50 To 100, Deduct	-10.40	
			For >100 To 500, Deduct	-19.89	
			For >500 To 1,000, Deduct	-36.83	
			For >1,000, Deduct	-49.06	
21 13 13 00-0183	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head 80.65	80.65	13.11
			Note: Excludes coverplate		
			For >25 To 50, Deduct	-2.62	
			For >50 To 100, Deduct	-6.65	
			For >100 To 500, Deduct	-11.39	
			For >500 To 1,000, Deduct	-23.43	
			For >1,000, Deduct	-33.91	
21 13 13 00-0184	EA		3/4" NPT Thread, 17/32" Orifice, K=5.6, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head 84.53	84.53	14.20
			Note: Excludes coverplate		
			For >25 To 50, Deduct	-2.84	
			For >50 To 100, Deduct	-7.07	
			For >100 To 500, Deduct	-11.99	
			For >500 To 1,000, Deduct	-24.87	
			For >1,000, Deduct	-36.23	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0185 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head.....	81.73	13.11
Note: Excludes coverplate		
For >25 To 50, Deduct	-2.62	
For >50 To 100, Deduct	-6.71	
For >100 To 500, Deduct	-11.53	
For >500 To 1,000, Deduct	-23.62	
For >1,000, Deduct	-34.10	
21 13 13 00-0186 EA 3/4" NPT Thread, 17/32" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head.....	86.11	14.20
Note: Excludes coverplate		
For >25 To 50, Deduct	-2.84	
For >50 To 100, Deduct	-7.15	
For >100 To 500, Deduct	-12.18	
For >500 To 1,000, Deduct	-25.15	
For >1,000, Deduct	-36.51	
21 13 13 00-0187 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head.....	97.08	14.20
Note: Excludes coverplate		
For >25 To 50, Deduct	-2.84	
For >50 To 100, Deduct	-7.69	
For >100 To 500, Deduct	-13.55	
For >500 To 1,000, Deduct	-27.13	
For >1,000, Deduct	-38.49	
21 13 13 00-0188 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Non-Ferrous Sprinkler Head With Escutcheon And Adjustable Chrome Coverplate.....	171.87	15.29
For >25 To 50, Deduct	-3.06	
For >50 To 100, Deduct	-11.65	
For >100 To 500, Deduct	-23.01	
For >500 To 1,000, Deduct	-41.33	
For >1,000, Deduct	-53.56	
21 13 13 00-0189 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Non-Ferrous Sprinkler Head With Escutcheon And Adjustable White Coverplate.....	171.87	15.29
For >25 To 50, Deduct	-3.06	
For >50 To 100, Deduct	-11.65	
For >100 To 500, Deduct	-23.01	
For >500 To 1,000, Deduct	-41.33	
For >1,000, Deduct	-53.56	
21 13 13 00-0190 Concealed Horizontal Side Wall Wet-Pipe Sprinkler Heads (21 13 13 00-0169)		
21 13 13 00-0191 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head.....	116.77	13.11
Note: Excludes coverplate		
For >25 To 50, Deduct	-2.62	
For >50 To 100, Deduct	-8.46	
For >100 To 500, Deduct	-15.91	
For >500 To 1,000, Deduct	-29.93	
For >1,000, Deduct	-40.41	
21 13 13 00-0192 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head.....	131.88	14.20
Note: Excludes coverplate		
For >25 To 50, Deduct	-2.84	
For >50 To 100, Deduct	-9.43	
For >100 To 500, Deduct	-17.90	
For >500 To 1,000, Deduct	-33.39	
For >1,000, Deduct	-44.75	
21 13 13 00-0193 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Extended Coverage, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head.....	89.98	13.11
Note: Excludes coverplate		
For >25 To 50, Deduct	-2.62	
For >50 To 100, Deduct	-7.12	
For >100 To 500, Deduct	-12.56	
For >500 To 1,000, Deduct	-25.11	
For >1,000, Deduct	-35.59	
21 13 13 00-0194 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head.....	90.28	14.20
Note: Excludes coverplate		
For >25 To 50, Deduct	-2.84	
For >50 To 100, Deduct	-7.35	
For >100 To 500, Deduct	-12.70	
For >500 To 1,000, Deduct	-25.90	
For >1,000, Deduct	-37.26	
21 13 13 00-0195 Institutional Tamper Resistant Wet Pipe Sprinkler Heads (21 13 13 00-0024)		
21 13 13 00-0196 EA 1/2" NPT Thread, K=5.6, Institutional Tamper Resistant, Pendant Chrome Wet Pipe Sprinkler Head.....	292.96	10.92
Note: Complete assembly including escutcheon, spacers, retaining flange, and centering grommet.		
For >25 To 50, Deduct	-2.18	
For >50 To 100, Deduct	-16.83	
For >100 To 500, Deduct	-37.71	
For >500 To 1,000, Deduct	-60.16	
For >1,000, Deduct	-68.89	
21 13 13 00-0197 EA 1/2" NPT Thread, K=5.6, Institutional Tamper Resistant, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head.....	285.75	10.92
Note: Complete assembly including escutcheon, spacers, retaining flange, and centering grommet.		
For >25 To 50, Deduct	-2.18	
For >50 To 100, Deduct	-16.47	
For >100 To 500, Deduct	-36.81	
For >500 To 1,000, Deduct	-58.86	
For >1,000, Deduct	-67.60	

21 Fire Suppression**21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

21 13 13 00-0198	EA	1/2" NPT Thread, K=5.6, Quick Response, Institutional Tamper Resistant, Pendant Chrome Wet Pipe Sprinkler Head.....	119.90	10.92
		<i>For >25 To 50, Deduct</i>	-2.18	
		<i>For >50 To 100, Deduct</i>	-8.18	
		<i>For >100 To 500, Deduct</i>	-16.08	
		<i>For >500 To 1,000, Deduct</i>	-29.01	
		<i>For >1,000, Deduct</i>	-37.74	
21 13 13 00-0199	EA	1/2" NPT Thread, K=5.6, Quick Response, Institutional Tamper Resistant, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head.....	134.84	10.92
		<i>For >25 To 50, Deduct</i>	-2.18	
		<i>For >50 To 100, Deduct</i>	-8.93	
		<i>For >100 To 500, Deduct</i>	-17.95	
		<i>For >500 To 1,000, Deduct</i>	-31.70	
		<i>For >1,000, Deduct</i>	-40.43	

21 13 13 00-0200 Wet Pipe Sprinkler Head Accessories (21 13 13 00-0011)**21 13 13 00-0201 Sprinkler Adjustable Steel Drop Nipple** (21 13 13 00-0200)

21 13 13 00-0202	EA	1" Male NPT x 1/2" Female NPT x 4.125" Minimum Length To 5.125" Maximum Length, Adjustable Steel Drop Nipple (Anvil M1.150).....	47.67	11.34
		<i>For >25 To 50, Deduct</i>	-0.95	
		<i>For >50 To 100, Deduct</i>	-3.33	
		<i>For >100 To 500, Deduct</i>	-6.43	
		<i>For >500 To 1,000, Deduct</i>	-11.80	
		<i>For >1,000, Deduct</i>	-15.58	
21 13 13 00-0203	EA	1" Male NPT x 1/2" Female NPT x 6.125" Minimum Length To 9.125" Maximum Length, Adjustable Steel Drop Nipple (Anvil M3.150).....	47.67	11.34
		<i>For >25 To 50, Deduct</i>	-0.95	
		<i>For >50 To 100, Deduct</i>	-3.33	
		<i>For >100 To 500, Deduct</i>	-6.43	
		<i>For >500 To 1,000, Deduct</i>	-11.80	
		<i>For >1,000, Deduct</i>	-15.58	
21 13 13 00-0204	EA	1" Male NPT x 1/2" Female NPT x 7.875" Minimum Length To 10.875" Maximum Length, Adjustable Steel Drop Nipple (Anvil ME3.150).....	48.26	11.34
		<i>For >25 To 50, Deduct</i>	-0.95	
		<i>For >50 To 100, Deduct</i>	-3.36	
		<i>For >100 To 500, Deduct</i>	-6.51	
		<i>For >500 To 1,000, Deduct</i>	-11.90	
		<i>For >1,000, Deduct</i>	-15.68	
21 13 13 00-0205	EA	1" Female NPT x 1/2" Female NPT x 3.5" Minimum Length To 4.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F1.150).....	42.21	11.34
		<i>For >25 To 50, Deduct</i>	-0.95	
		<i>For >50 To 100, Deduct</i>	-3.06	
		<i>For >100 To 500, Deduct</i>	-5.75	
		<i>For >500 To 1,000, Deduct</i>	-10.81	
		<i>For >1,000, Deduct</i>	-14.59	
21 13 13 00-0206	EA	1" Female NPT x 1/2" Female NPT x 4.5" Minimum Length To 6.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F2.150).....	42.21	11.34
		<i>For >25 To 50, Deduct</i>	-0.95	
		<i>For >50 To 100, Deduct</i>	-3.06	
		<i>For >100 To 500, Deduct</i>	-5.75	
		<i>For >500 To 1,000, Deduct</i>	-10.81	
		<i>For >1,000, Deduct</i>	-14.59	
21 13 13 00-0207	EA	1" Female NPT x 1/2" Female NPT x 5.5" Minimum Length To 8.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F3.150).....	42.21	11.34
		<i>For >25 To 50, Deduct</i>	-0.95	
		<i>For >50 To 100, Deduct</i>	-3.06	
		<i>For >100 To 500, Deduct</i>	-5.75	
		<i>For >500 To 1,000, Deduct</i>	-10.81	
		<i>For >1,000, Deduct</i>	-14.59	
21 13 13 00-0208	EA	1" Female NPT x 3/4" Female NPT x 7.35" Minimum Length To 10.35" Maximum Length, Adjustable Steel Drop Nipple (Anvil F3.175).....	47.24	12.33
		<i>For >25 To 50, Deduct</i>	-1.03	
		<i>For >50 To 100, Deduct</i>	-3.39	
		<i>For >100 To 500, Deduct</i>	-6.42	
		<i>For >500 To 1,000, Deduct</i>	-12.00	
		<i>For >1,000, Deduct</i>	-16.11	

21 13 13 00-0209 Sprinkler Head Escutcheon (21 13 13 00-0200)

21 13 13 00-0210	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Recessed Escutcheon.....	18.34	3.93
		<i>For >25 To 50, Deduct</i>	-0.33	
		<i>For >50 To 100, Deduct</i>	-1.24	
		<i>For >100 To 500, Deduct</i>	-2.46	
		<i>For >500 To 1,000, Deduct</i>	-4.41	
		<i>For >1,000, Deduct</i>	-5.72	
21 13 13 00-0211	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Recessed Escutcheon.....	12.39	3.93
		<i>For >25 To 50, Deduct</i>	-0.33	
		<i>For >50 To 100, Deduct</i>	-0.95	
		<i>For >100 To 500, Deduct</i>	-1.71	
		<i>For >500 To 1,000, Deduct</i>	-3.34	
		<i>For >1,000, Deduct</i>	-4.65	
21 13 13 00-0212	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, White Sprinkler Head Recessed Escutcheon.....	12.39	3.93
		<i>For >25 To 50, Deduct</i>	-0.33	
		<i>For >50 To 100, Deduct</i>	-0.95	
		<i>For >100 To 500, Deduct</i>	-1.71	
		<i>For >500 To 1,000, Deduct</i>	-3.34	
		<i>For >1,000, Deduct</i>	-4.65	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0213	EA		2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Recessed Escutcheon.....	18.34	3.93
			<i>For >25 To 50, Deduct</i>	-0.33	
			<i>For >50 To 100, Deduct</i>	-1.24	
			<i>For >100 To 500, Deduct</i>	-2.46	
			<i>For >500 To 1,000, Deduct</i>	-4.41	
			<i>For >1,000, Deduct</i>	-5.72	
21 13 13 00-0214	EA		2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Recessed Escutcheon	12.39	3.93
			<i>For >25 To 50, Deduct</i>	-0.33	
			<i>For >50 To 100, Deduct</i>	-0.95	
			<i>For >100 To 500, Deduct</i>	-1.71	
			<i>For >500 To 1,000, Deduct</i>	-3.34	
			<i>For >1,000, Deduct</i>	-4.65	
21 13 13 00-0215	EA		2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, White Sprinkler Head Recessed Escutcheon.....	12.39	3.93
			<i>For >25 To 50, Deduct</i>	-0.33	
			<i>For >50 To 100, Deduct</i>	-0.95	
			<i>For >100 To 500, Deduct</i>	-1.71	
			<i>For >500 To 1,000, Deduct</i>	-3.34	
			<i>For >1,000, Deduct</i>	-4.65	
21 13 13 00-0216	EA		2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Recessed Escutcheon.....	17.26	3.93
			<i>For >25 To 50, Deduct</i>	-0.33	
			<i>For >50 To 100, Deduct</i>	-1.19	
			<i>For >100 To 500, Deduct</i>	-2.32	
			<i>For >500 To 1,000, Deduct</i>	-4.22	
			<i>For >1,000, Deduct</i>	-5.53	
21 13 13 00-0217	EA		2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Recessed Escutcheon	12.39	3.93
			<i>For >25 To 50, Deduct</i>	-0.33	
			<i>For >50 To 100, Deduct</i>	-0.95	
			<i>For >100 To 500, Deduct</i>	-1.71	
			<i>For >500 To 1,000, Deduct</i>	-3.34	
			<i>For >1,000, Deduct</i>	-4.65	
21 13 13 00-0218	EA		2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, White Sprinkler Head Recessed Escutcheon.....	12.39	3.93
			<i>For >25 To 50, Deduct</i>	-0.33	
			<i>For >50 To 100, Deduct</i>	-0.95	
			<i>For >100 To 500, Deduct</i>	-1.71	
			<i>For >500 To 1,000, Deduct</i>	-3.34	
			<i>For >1,000, Deduct</i>	-4.65	
21 13 13 00-0219	EA		2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Recessed Escutcheon.....	17.26	3.93
			<i>For >25 To 50, Deduct</i>	-0.33	
			<i>For >50 To 100, Deduct</i>	-1.19	
			<i>For >100 To 500, Deduct</i>	-2.32	
			<i>For >500 To 1,000, Deduct</i>	-4.22	
			<i>For >1,000, Deduct</i>	-5.53	
21 13 13 00-0220	EA		2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Recessed Escutcheon	12.39	3.93
			<i>For >25 To 50, Deduct</i>	-0.33	
			<i>For >50 To 100, Deduct</i>	-0.95	
			<i>For >100 To 500, Deduct</i>	-1.71	
			<i>For >500 To 1,000, Deduct</i>	-3.34	
			<i>For >1,000, Deduct</i>	-4.65	
21 13 13 00-0221	EA		2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, White Sprinkler Head Recessed Escutcheon.....	12.39	3.93
			<i>For >25 To 50, Deduct</i>	-0.33	
			<i>For >50 To 100, Deduct</i>	-0.95	
			<i>For >100 To 500, Deduct</i>	-1.71	
			<i>For >500 To 1,000, Deduct</i>	-3.34	
			<i>For >1,000, Deduct</i>	-4.65	
21 13 13 00-0222	EA		3-7/32" Diameter x 15/16" Depth, Two Piece, 1/2" NPT, Push-On/Thread-Off Chrome Sprinkler Head Recessed Escutcheon.....	17.80	3.93
			<i>For >25 To 50, Deduct</i>	-0.33	
			<i>For >50 To 100, Deduct</i>	-1.22	
			<i>For >100 To 500, Deduct</i>	-2.39	
			<i>For >500 To 1,000, Deduct</i>	-4.32	
			<i>For >1,000, Deduct</i>	-5.63	
21 13 13 00-0223	EA		3-7/32" Diameter x 15/16" Depth, Two Piece, 1/2" NPT, Push-On/Thread-Off White Sprinkler Head Recessed Escutcheon.....	17.80	3.93
			<i>For >25 To 50, Deduct</i>	-0.33	
			<i>For >50 To 100, Deduct</i>	-1.22	
			<i>For >100 To 500, Deduct</i>	-2.39	
			<i>For >500 To 1,000, Deduct</i>	-4.32	
			<i>For >1,000, Deduct</i>	-5.63	
21 13 13 00-0224	EA		2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, Brass Sprinkler Head Escutcheon.....	6.75	2.89
			<i>For >25 To 50, Deduct</i>	-0.22	
			<i>For >50 To 100, Deduct</i>	-0.56	
			<i>For >100 To 500, Deduct</i>	-0.95	
			<i>For >500 To 1,000, Deduct</i>	-1.96	
			<i>For >1,000, Deduct</i>	-2.83	
21 13 13 00-0225	EA		2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, Chrome Sprinkler Head Escutcheon	6.00	2.89
			<i>For >25 To 50, Deduct</i>	-0.22	
			<i>For >50 To 100, Deduct</i>	-0.52	
			<i>For >100 To 500, Deduct</i>	-0.86	
			<i>For >500 To 1,000, Deduct</i>	-1.82	
			<i>For >1,000, Deduct</i>	-2.70	
21 13 13 00-0226	EA		2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, White Sprinkler Head Escutcheon.....	6.21	2.89
			<i>For >25 To 50, Deduct</i>	-0.22	
			<i>For >50 To 100, Deduct</i>	-0.53	
			<i>For >100 To 500, Deduct</i>	-0.89	
			<i>For >500 To 1,000, Deduct</i>	-1.86	
			<i>For >1,000, Deduct</i>	-2.73	

21 Fire Suppression
21 10 Water-Based Fire-Suppression Systems
21 13 Fire-Suppression Sprinkler Systems



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
21 13 13 00-0227	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, Brass Sprinkler Head Escutcheon	6.89		2.89
		<i>For >25 To 50, Deduct</i>	-0.22		
		<i>For >50 To 100, Deduct</i>	-0.56		
		<i>For >100 To 500, Deduct</i>	-0.97		
		<i>For >500 To 1,000, Deduct</i>	-1.98		
		<i>For >1,000, Deduct</i>	-2.86		
21 13 13 00-0228	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, Chrome Sprinkler Head Escutcheon	6.14		2.89
		<i>For >25 To 50, Deduct</i>	-0.22		
		<i>For >50 To 100, Deduct</i>	-0.53		
		<i>For >100 To 500, Deduct</i>	-0.88		
		<i>For >500 To 1,000, Deduct</i>	-1.85		
		<i>For >1,000, Deduct</i>	-2.72		
21 13 13 00-0229	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, White Sprinkler Head Escutcheon	6.14		2.89
		<i>For >25 To 50, Deduct</i>	-0.22		
		<i>For >50 To 100, Deduct</i>	-0.53		
		<i>For >100 To 500, Deduct</i>	-0.88		
		<i>For >500 To 1,000, Deduct</i>	-1.85		
		<i>For >1,000, Deduct</i>	-2.72		
21 13 13 00-0230	EA	2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, Bright Brass Sprinkler Head Escutcheon	7.67		2.89
		<i>For >25 To 50, Deduct</i>	-0.22		
		<i>For >50 To 100, Deduct</i>	-0.60		
		<i>For >100 To 500, Deduct</i>	-1.07		
		<i>For >500 To 1,000, Deduct</i>	-2.12		
		<i>For >1,000, Deduct</i>	-3.00		
21 13 13 00-0231	EA	2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, Chrome Sprinkler Head Escutcheon	6.12		2.89
		<i>For >25 To 50, Deduct</i>	-0.22		
		<i>For >50 To 100, Deduct</i>	-0.52		
		<i>For >100 To 500, Deduct</i>	-0.87		
		<i>For >500 To 1,000, Deduct</i>	-1.84		
		<i>For >1,000, Deduct</i>	-2.72		
21 13 13 00-0232	EA	2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, White Sprinkler Head Escutcheon	6.12		2.89
		<i>For >25 To 50, Deduct</i>	-0.22		
		<i>For >50 To 100, Deduct</i>	-0.52		
		<i>For >100 To 500, Deduct</i>	-0.87		
		<i>For >500 To 1,000, Deduct</i>	-1.84		
		<i>For >1,000, Deduct</i>	-2.72		
21 13 13 00-0233	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Telescoping Escutcheon	10.27		4.04
		<i>For >25 To 50, Deduct</i>	-0.31		
		<i>For >50 To 100, Deduct</i>	-0.82		
		<i>For >100 To 500, Deduct</i>	-1.44		
		<i>For >500 To 1,000, Deduct</i>	-2.89		
		<i>For >1,000, Deduct</i>	-4.11		
21 13 13 00-0234	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Telescoping Escutcheon	9.87		4.04
		<i>For >25 To 50, Deduct</i>	-0.31		
		<i>For >50 To 100, Deduct</i>	-0.80		
		<i>For >100 To 500, Deduct</i>	-1.39		
		<i>For >500 To 1,000, Deduct</i>	-2.82		
		<i>For >1,000, Deduct</i>	-4.04		
21 13 13 00-0235	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, White Sprinkler Head Telescoping Escutcheon	10.00		4.04
		<i>For >25 To 50, Deduct</i>	-0.31		
		<i>For >50 To 100, Deduct</i>	-0.81		
		<i>For >100 To 500, Deduct</i>	-1.40		
		<i>For >500 To 1,000, Deduct</i>	-2.84		
		<i>For >1,000, Deduct</i>	-4.06		
21 13 13 00-0236	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Telescoping Escutcheon	10.41		4.04
		<i>For >25 To 50, Deduct</i>	-0.31		
		<i>For >50 To 100, Deduct</i>	-0.83		
		<i>For >100 To 500, Deduct</i>	-1.45		
		<i>For >500 To 1,000, Deduct</i>	-2.91		
		<i>For >1,000, Deduct</i>	-4.14		
21 13 13 00-0237	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Telescoping Escutcheon	10.00		4.04
		<i>For >25 To 50, Deduct</i>	-0.31		
		<i>For >50 To 100, Deduct</i>	-0.81		
		<i>For >100 To 500, Deduct</i>	-1.40		
		<i>For >500 To 1,000, Deduct</i>	-2.84		
		<i>For >1,000, Deduct</i>	-4.06		
21 13 13 00-0238	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, White Sprinkler Head Telescoping Escutcheon	10.27		4.04
		<i>For >25 To 50, Deduct</i>	-0.31		
		<i>For >50 To 100, Deduct</i>	-0.82		
		<i>For >100 To 500, Deduct</i>	-1.44		
		<i>For >500 To 1,000, Deduct</i>	-2.89		
		<i>For >1,000, Deduct</i>	-4.11		
21 13 13 00-0239	EA	Flat Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	22.71		3.93
		<i>For >25 To 50, Deduct</i>	-0.33		
		<i>For >50 To 100, Deduct</i>	-1.46		
		<i>For >100 To 500, Deduct</i>	-3.00		
		<i>For >500 To 1,000, Deduct</i>	-5.20		
		<i>For >1,000, Deduct</i>	-6.51		
21 13 13 00-0240	EA	Flat White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	22.71		3.93
		<i>For >25 To 50, Deduct</i>	-0.33		
		<i>For >50 To 100, Deduct</i>	-1.46		
		<i>For >100 To 500, Deduct</i>	-3.00		
		<i>For >500 To 1,000, Deduct</i>	-5.20		
		<i>For >1,000, Deduct</i>	-6.51		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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21 13 13 00-0241 EA Conical Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	22.71	3.93
For >25 To 50, Deduct	-0.33	
For >50 To 100, Deduct	-1.46	
For >100 To 500, Deduct	-3.00	
For >500 To 1,000, Deduct	-5.20	
For >1,000, Deduct	-6.51	
21 13 13 00-0242 EA Conical White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	22.71	3.93
For >25 To 50, Deduct	-0.33	
For >50 To 100, Deduct	-1.46	
For >100 To 500, Deduct	-3.00	
For >500 To 1,000, Deduct	-5.20	
For >1,000, Deduct	-6.51	
21 13 13 00-0243 EA Chrome Sprinkler Head Escutcheon For Decorative Horizontal Sidewall Sprinkler Head	22.71	3.93
For >25 To 50, Deduct	-0.33	
For >50 To 100, Deduct	-1.46	
For >100 To 500, Deduct	-3.00	
For >500 To 1,000, Deduct	-5.20	
For >1,000, Deduct	-6.51	
21 13 13 00-0244 EA White Sprinkler Head Escutcheon For Decorative Horizontal Sidewall Sprinkler Head	22.71	3.93
For >25 To 50, Deduct	-0.33	
For >50 To 100, Deduct	-1.46	
For >100 To 500, Deduct	-3.00	
For >500 To 1,000, Deduct	-5.20	
For >1,000, Deduct	-6.51	
21 13 13 00-0245 EA 2-Piece Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	26.40	3.93
For >25 To 50, Deduct	-0.33	
For >50 To 100, Deduct	-1.65	
For >100 To 500, Deduct	-3.46	
For >500 To 1,000, Deduct	-5.87	
For >1,000, Deduct	-7.18	
21 13 13 00-0246 EA 2-Piece White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	27.25	3.93
For >25 To 50, Deduct	-0.33	
For >50 To 100, Deduct	-1.69	
For >100 To 500, Deduct	-3.57	
For >500 To 1,000, Deduct	-6.02	
For >1,000, Deduct	-7.33	

21 13 13 00-0247 Coverplate For Sprinkler Heads (21 13 13 00-0200)

21 13 13 00-0248 EA Chrome Coverplate For Concealed Pendent Sprinkler Head	55.44	4.45
For >25 To 50, Deduct	-0.37	
For >50 To 100, Deduct	-3.14	
For >100 To 500, Deduct	-7.12	
For >500 To 1,000, Deduct	-11.24	
For >1,000, Deduct	-12.72	
21 13 13 00-0249 EA White Coverplate For Concealed Pendent Sprinkler Head	26.14	4.45
For >25 To 50, Deduct	-0.37	
For >50 To 100, Deduct	-1.68	
For >100 To 500, Deduct	-3.45	
For >500 To 1,000, Deduct	-5.97	
For >1,000, Deduct	-7.45	
21 13 13 00-0250 EA Specialty Coverplate For Concealed Pendent Sprinkler Head	38.85	4.45
For >25 To 50, Deduct	-0.37	
For >50 To 100, Deduct	-2.31	
For >100 To 500, Deduct	-5.04	
For >500 To 1,000, Deduct	-8.25	
For >1,000, Deduct	-9.74	
21 13 13 00-0251 EA Brass Coverplate For Concealed Sidewall Sprinkler Head	35.55	4.45
For >25 To 50, Deduct	-0.37	
For >50 To 100, Deduct	-2.15	
For >100 To 500, Deduct	-4.63	
For >500 To 1,000, Deduct	-7.66	
For >1,000, Deduct	-9.14	
21 13 13 00-0252 EA Chrome Coverplate For Concealed Sidewall Sprinkler Head	28.07	4.45
For >25 To 50, Deduct	-0.37	
For >50 To 100, Deduct	-1.77	
For >100 To 500, Deduct	-3.69	
For >500 To 1,000, Deduct	-6.31	
For >1,000, Deduct	-7.80	
21 13 13 00-0253 EA White Coverplate For Concealed Sidewall Sprinkler Head	28.07	4.45
For >25 To 50, Deduct	-0.37	
For >50 To 100, Deduct	-1.77	
For >100 To 500, Deduct	-3.69	
For >500 To 1,000, Deduct	-6.31	
For >1,000, Deduct	-7.80	
21 13 13 00-0254 EA Off-White Coverplate For Concealed Sidewall Sprinkler Head	35.55	4.45
For >25 To 50, Deduct	-0.37	
For >50 To 100, Deduct	-2.15	
For >100 To 500, Deduct	-4.63	
For >500 To 1,000, Deduct	-7.66	
For >1,000, Deduct	-9.14	
21 13 13 00-0255 EA Black Painted Coverplate For Concealed Sidewall Sprinkler Head	35.55	4.45
For >25 To 50, Deduct	-0.37	
For >50 To 100, Deduct	-2.15	
For >100 To 500, Deduct	-4.63	
For >500 To 1,000, Deduct	-7.66	
For >1,000, Deduct	-9.14	

21 Fire Suppression
21 10 Water-Based Fire-Suppression Systems
21 13 Fire-Suppression Sprinkler Systems



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
21 13 13 00-0256	EA Black Plated Coverplate For Concealed Sidewall Sprinkler Head	41.47	4.45
	For >25 To 50, Deduct	-0.37	
	For >50 To 100, Deduct	-2.44	
	For >100 To 500, Deduct	-5.37	
	For >500 To 1,000, Deduct	-8.73	
	For >1,000, Deduct	-10.21	
21 13 13 00-0257	EA Bright Brass Coverplate For Concealed Sidewall Sprinkler Head.....	41.47	4.45
	For >25 To 50, Deduct	-0.37	
	For >50 To 100, Deduct	-2.44	
	For >100 To 500, Deduct	-5.37	
	For >500 To 1,000, Deduct	-8.73	
	For >1,000, Deduct	-10.21	
21 13 13 00-0258	EA Satin Chrome Coverplate For Concealed Sidewall Sprinkler Head	41.47	4.45
	For >25 To 50, Deduct	-0.37	
	For >50 To 100, Deduct	-2.44	
	For >100 To 500, Deduct	-5.37	
	For >500 To 1,000, Deduct	-8.73	
	For >1,000, Deduct	-10.21	
21 13 13 00-0259	EA Specialty Coverplate For Concealed Sidewall Sprinkler Head.....	35.58	4.45
	For >25 To 50, Deduct	-0.37	
	For >50 To 100, Deduct	-2.15	
	For >100 To 500, Deduct	-4.63	
	For >500 To 1,000, Deduct	-7.67	
	For >1,000, Deduct	-9.15	
21 13 13 00-0260	EA White Coverplate For Quick Release Concealed Sidewall Sprinkler Head.....	61.56	5.24
	For >25 To 50, Deduct	-0.44	
	For >50 To 100, Deduct	-3.51	
	For >100 To 500, Deduct	-7.91	
	For >500 To 1,000, Deduct	-12.56	
	For >1,000, Deduct	-14.31	
21 13 13 00-0261 Sprinkler Escutcheon Extension Tube <small>(21 13 13 00-0200)</small>			
21 13 13 00-0262	EA 2.18" Diameter x 4" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube.....	13.66	2.63
	Note: For use with 2 piece escutcheons		
	For >25 To 50, Deduct	-0.22	
	For >50 To 100, Deduct	-0.90	
	For >100 To 500, Deduct	-1.82	
	For >500 To 1,000, Deduct	-3.20	
	For >1,000, Deduct	-4.08	
21 13 13 00-0263	EA 2.18" Diameter x 6" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube.....	18.00	2.76
	Note: For use with 2 piece escutcheons		
	For >25 To 50, Deduct	-0.23	
	For >50 To 100, Deduct	-1.13	
	For >100 To 500, Deduct	-2.36	
	For >500 To 1,000, Deduct	-4.02	
	For >1,000, Deduct	-4.93	
21 13 13 00-0264	EA 2.18" Diameter x 8" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube.....	22.87	2.89
	Note: For use with 2 piece escutcheons		
	For >25 To 50, Deduct	-0.24	
	For >50 To 100, Deduct	-1.38	
	For >100 To 500, Deduct	-2.98	
	For >500 To 1,000, Deduct	-4.93	
	For >1,000, Deduct	-5.90	
21 13 13 00-0265	EA 2.18" Diameter x 10" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube.....	27.21	3.01
	Note: For use with 2 piece escutcheons		
	For >25 To 50, Deduct	-0.25	
	For >50 To 100, Deduct	-1.61	
	For >100 To 500, Deduct	-3.53	
	For >500 To 1,000, Deduct	-5.75	
	For >1,000, Deduct	-6.76	
21 13 13 00-0266 Sprinkler Head Guards <small>(21 13 13 00-0200)</small>			
21 13 13 00-0267	EA Universal Sprinkler Head Guard, C-1	19.02	7.87
	For >25 To 50, Deduct	-0.66	
	For >50 To 100, Deduct	-1.61	
	For >100 To 500, Deduct	-2.71	
	For >500 To 1,000, Deduct	-5.65	
	For >1,000, Deduct	-8.27	
21 13 13 00-0268	EA Dry Pendent Sprinkler Head Guard, C-2.....	21.31	7.87
	For >25 To 50, Deduct	-0.66	
	For >50 To 100, Deduct	-1.72	
	For >100 To 500, Deduct	-2.99	
	For >500 To 1,000, Deduct	-6.06	
	For >1,000, Deduct	-8.69	
21 13 13 00-0269	EA Upright Sprinkler Head Guard With Water Shield, C-3	25.21	7.87
	For >25 To 50, Deduct	-0.66	
	For >50 To 100, Deduct	-1.92	
	For >100 To 500, Deduct	-3.48	
	For >500 To 1,000, Deduct	-6.77	
	For >1,000, Deduct	-9.39	
21 13 13 00-0270	EA Pendent Sprinkler Head Guard With Water Shield, C-5.....	30.03	7.87
	For >25 To 50, Deduct	-0.66	
	For >50 To 100, Deduct	-2.16	
	For >100 To 500, Deduct	-4.08	
	For >500 To 1,000, Deduct	-7.63	
	For >1,000, Deduct	-10.26	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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21 13 13 00-0271	EA Universal Sprinkler Head Guard, D-1	21.22	7.87
	For >25 To 50, Deduct	-0.66	
	For >50 To 100, Deduct	-1.72	
	For >100 To 500, Deduct	-2.98	
	For >500 To 1,000, Deduct	-6.05	
	For >1,000, Deduct	-8.67	
21 13 13 00-0272	EA Upright Sprinkler Head Guard With Water Shield, D-3	22.71	7.87
	For >25 To 50, Deduct	-0.66	
	For >50 To 100, Deduct	-1.79	
	For >100 To 500, Deduct	-3.17	
	For >500 To 1,000, Deduct	-6.32	
	For >1,000, Deduct	-8.94	
21 13 13 00-0273	EA Pendent Sprinkler Head Guard With Large Water Shield, D-4	33.75	7.87
	For >25 To 50, Deduct	-0.66	
	For >50 To 100, Deduct	-2.34	
	For >100 To 500, Deduct	-4.55	
	For >500 To 1,000, Deduct	-8.30	
	For >1,000, Deduct	-10.93	
21 13 13 00-0274	EA Pendent Sprinkler Head Guard With Small Water Shield, D-5	31.53	7.87
	For >25 To 50, Deduct	-0.66	
	For >50 To 100, Deduct	-2.23	
	For >100 To 500, Deduct	-4.27	
	For >500 To 1,000, Deduct	-7.90	
	For >1,000, Deduct	-10.53	

21 13 13 00-0275 Flexible Sprinkler Piping (21 13 13 00-0011)

Note: 1" Diameter stainless steel flexible pipe with either 1/2" or 3/4" outlet.

21 13 13 00-0276	EA 2' Long, 3/4" Stainless Steel Flexible Sprinkler Piping	67.32	13.54
	Note: Includes ceiling mounting bracket.		
	For >25 To 50, Deduct	-1.37	
	For >50 To 100, Deduct	-4.73	
	For >100 To 500, Deduct	-9.10	
	For >500 To 1,000, Deduct	-16.76	
	For >1,000, Deduct	-22.22	
21 13 13 00-0277	EA 3' Long, 3/4" Stainless Steel Flexible Sprinkler Piping	74.86	13.97
	Note: Includes ceiling mounting bracket.		
	For >25 To 50, Deduct	-1.44	
	For >50 To 100, Deduct	-5.18	
	For >100 To 500, Deduct	-10.08	
	For >500 To 1,000, Deduct	-18.36	
	For >1,000, Deduct	-24.11	
21 13 13 00-0278	EA 4' Long, 3/4" Stainless Steel Flexible Sprinkler Piping	82.51	14.85
	Note: Includes ceiling mounting bracket.		
	For >25 To 50, Deduct	-1.52	
	For >50 To 100, Deduct	-5.64	
	For >100 To 500, Deduct	-11.07	
	For >500 To 1,000, Deduct	-20.01	
	For >1,000, Deduct	-26.07	
21 13 13 00-0279	EA 5' Long, 3/4" Stainless Steel Flexible Sprinkler Piping	90.40	15.72
	Note: Includes ceiling mounting bracket.		
	For >25 To 50, Deduct	-1.61	
	For >50 To 100, Deduct	-6.13	
	For >100 To 500, Deduct	-12.10	
	For >500 To 1,000, Deduct	-21.73	
	For >1,000, Deduct	-28.16	
21 13 13 00-0280	EA 6' Long, 3/4" Stainless Steel Flexible Sprinkler Piping	98.49	17.47
	Note: Includes ceiling mounting bracket.		
	For >25 To 50, Deduct	-1.71	
	For >50 To 100, Deduct	-6.63	
	For >100 To 500, Deduct	-13.16	
	For >500 To 1,000, Deduct	-23.53	
	For >1,000, Deduct	-30.36	

21 13 13 00-0281 Sprinkler Emergency Cabinets (21 13 13 00-0011)

21 13 13 00-0282	EA 3 Capacity Emergency Sprinkler Cabinet, A4	99.90	
21 13 13 00-0283	EA 6 Capacity Emergency Sprinkler Cabinet, A4	104.27	
21 13 13 00-0284	EA 12 Capacity Emergency Sprinkler Cabinet, A4	112.63	
21 13 13 00-0285	EA 12 Capacity Emergency Sprinkler Cabinet, A3	369.60	
21 13 13 00-0286	EA Sprinkler Wrench, RC1	185.94	
21 13 13 00-0287	EA Sprinkler Wrench, FC	185.21	
21 13 13 00-0288	EA Sprinkler Wrench, W2	61.50	

21 13 16 Dry-Pipe Sprinkler Systems (21 13)

21 13 16 00-0001 Complete Dry Pipe Sprinkler Systems (21 13 16)

Note: Includes complete design per NFPA 13 and stamped shop drawings approved by a registered engineer. Includes all branch line piping (standard weight black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc. From riser pipe and mains. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks. For sprinkler repairs or sprinkler head replacements use specific pipe, fittings, hangers, valves, and sprinkler head components. See CSI section 23 21 13 23-1411 for individual grooved pipe, 23 21 13 23-1484 for individual grooved pipe fittings.

21 13 16 00-0002 Light Hazard, Dry-Pipe Sprinkler Systems (21 13 16 00-0001)

21 Fire Suppression**21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

21 13 16 00-0003	EA	Exposed Piping, Light Hazard, Dry-Pipe Sprinkler System, Per Head.....	677.90	
		Note: Includes branch pipe and fittings, supports and sprinkler heads.		
		For Up To 5, Add	295.69	
		For >5 To 10, Add	129.12	
		For >10 To 20, Add	104.59	
		For >20 To 40, Add	46.16	
		For >100 To 150, Deduct	-67.79	
		For >150, Deduct	-135.58	
		For Copper Pipe, Add	89.42	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	-123.31	
21 13 16 00-0004	EA	Concealed Piping, Light Hazard, Dry-Pipe Sprinkler System, Per Head	804.09	
		Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
		For Up To 5, Add	354.91	
		For >5 To 10, Add	163.60	
		For >10 To 20, Add	130.32	
		For >20 To 40, Add	56.84	
		For >100 To 150, Deduct	-80.41	
		For >150, Deduct	-160.82	
		For Copper Pipe, Add	103.98	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	-144.18	
		For Work In Restricted Working Space, Add	99.83	
21 13 16 00-0005		Ordinary Hazard, Dry-Pipe Sprinkler Systems (21 13 16 00-0001)		
21 13 16 00-0006	EA	Exposed Piping, Ordinary Hazard, Dry-Pipe Sprinkler System, Per Head.....	700.16	
		Note: Includes branch pipe and fittings, supports and sprinkler heads.		
		For Up To 5, Add	304.29	
		For >5 To 10, Add	130.58	
		For >10 To 20, Add	106.35	
		For >20 To 40, Add	47.12	
		For >100 To 150, Deduct	-70.02	
		For >150, Deduct	-140.03	
		For Copper Pipe, Add	92.91	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	-127.92	
21 13 16 00-0007	EA	Concealed Piping, Ordinary Hazard, Dry-Pipe Sprinkler System, Per Head.....	820.98	
		Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
		For Up To 5, Add	361.27	
		For >5 To 10, Add	164.28	
		For >10 To 20, Add	131.41	
		For >20 To 40, Add	57.49	
		For >100 To 150, Deduct	-82.10	
		For >150, Deduct	-164.20	
		For Copper Pipe, Add	106.71	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	-147.76	
		For Work In Restricted Working Space, Add	98.62	
21 13 16 00-0008		Extra Hazard, Dry-Pipe Sprinkler Systems (21 13 16 00-0001)		
21 13 16 00-0009	EA	Exposed Piping, Extra Hazard, Dry-Pipe Sprinkler System, Per Head	659.63	
		Note: Includes branch pipe and fittings, supports and sprinkler heads.		
		For Up To 5, Add	286.43	
		For >5 To 10, Add	122.40	
		For >10 To 20, Add	99.82	
		For >20 To 40, Add	44.27	
		For >100 To 150, Deduct	-65.96	
		For >150, Deduct	-131.93	
		For Copper Pipe, Add	87.66	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	-120.64	
21 13 16 00-0010	EA	Concealed Piping, Extra Hazard, Dry-Pipe Sprinkler System, Per Head	763.95	
		Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
		For Up To 5, Add	336.20	
		For >5 To 10, Add	152.94	
		For >10 To 20, Add	122.32	
		For >20 To 40, Add	53.51	
		For >100 To 150, Deduct	-76.40	
		For >150, Deduct	-152.79	
		For Copper Pipe, Add	99.28	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	-137.48	
		For Work In Restricted Working Space, Add	91.86	
21 13 16 00-0011		Dry-Pipe Sprinkler System Compressors (21 13 16 00-0001)		
21 13 16 00-0012	EA	Dry System Air Compressor, 3/4 HP With Alarm Valve Flange With Gauge	2,488.19	275.35
21 13 16 00-0013	EA	Dry System Air Compressor, 1 HP With Alarm Valve Flange With Gauge	2,603.87	275.35
21 13 16 00-0014	EA	Dry System Air Compressor, 1-1/2 HP With Alarm Valve Flange With Gauge	2,701.47	275.35
21 13 16 00-0015	EA	Dry System Air Compressor, 2 HP With Alarm Valve Flange With Gauge	3,081.02	275.35
21 13 16 00-0016		Dry Pipe Sprinkler System Components (21 13 16)		
21 13 16 00-0017		Dry Pipe Valves (21 13 16 00-0016)		
		Note: Excludes trim package See CSI section 21 13 16 00-0022 for Dry Pipe Valve Trim.		
21 13 16 00-0018	EA	2-1/2" Dry Pipe Valve.....	3,291.36	113.01
21 13 16 00-0019	EA	3" Dry Pipe Valve.....	3,663.68	129.45
21 13 16 00-0020	EA	4" Dry Pipe Valve.....	4,068.96	219.87
21 13 16 00-0021	EA	6" Dry Pipe Valve.....	5,160.33	277.40

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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21 13 16 00-0022	Dry Pipe Valve Trim <small>(21 13 16 00-0016)</small>		
	Note: Includes gauges, pressure switch, air supply and drain lines.		
21 13 16 00-0023	EA 2-1/2" Dry Pipe Valve Trim	1,666.81	239.18
21 13 16 00-0024	EA 3" Dry Pipe Valve Trim.....	1,666.81	239.18
21 13 16 00-0025	EA 4" Dry Pipe Valve Trim.....	1,907.35	327.95
21 13 16 00-0026	EA 6" Dry Pipe Valve Trim.....	2,121.05	456.17

21 13 16 00-0027	Recessed Pendent Dry Pipe Sprinkler Heads, Quick Response <small>(21 13 16 00-0016)</small>		
21 13 16 00-0028	EA 3-1/2" To 5-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	208.86	17.30
	For >25 To 50, Deduct	-2.62	
	For >50 To 100, Deduct	-13.06	
	For >100 To 500, Deduct	-27.42	
	For >500 To 1,000, Deduct	-46.50	
	For >1,000, Deduct	-56.99	
21 13 16 00-0029	EA 6" To 8-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	217.87	17.30
	For >25 To 50, Deduct	-2.62	
	For >50 To 100, Deduct	-13.51	
	For >100 To 500, Deduct	-28.54	
	For >500 To 1,000, Deduct	-48.13	
	For >1,000, Deduct	-58.61	
21 13 16 00-0030	EA 9" To 11-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	226.88	17.30
	For >25 To 50, Deduct	-2.62	
	For >50 To 100, Deduct	-13.96	
	For >100 To 500, Deduct	-29.67	
	For >500 To 1,000, Deduct	-49.75	
	For >1,000, Deduct	-60.23	
21 13 16 00-0031	EA 12" To 14-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....	235.92	17.30
	For >25 To 50, Deduct	-2.62	
	For >50 To 100, Deduct	-14.42	
	For >100 To 500, Deduct	-30.80	
	For >500 To 1,000, Deduct	-51.38	
	For >1,000, Deduct	-61.86	
21 13 16 00-0032	EA 15" To 17-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....	244.94	17.30
	For >25 To 50, Deduct	-2.62	
	For >50 To 100, Deduct	-14.87	
	For >100 To 500, Deduct	-31.93	
	For >500 To 1,000, Deduct	-53.00	
	For >1,000, Deduct	-63.48	
21 13 16 00-0033	EA 18" To 20-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....	253.96	17.30
	For >25 To 50, Deduct	-2.62	
	For >50 To 100, Deduct	-15.32	
	For >100 To 500, Deduct	-33.06	
	For >500 To 1,000, Deduct	-54.62	
	For >1,000, Deduct	-65.10	
21 13 16 00-0034	EA 21" To 23-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....	262.97	17.30
	For >25 To 50, Deduct	-2.62	
	For >50 To 100, Deduct	-15.77	
	For >100 To 500, Deduct	-34.18	
	For >500 To 1,000, Deduct	-56.24	
	For >1,000, Deduct	-66.73	
21 13 16 00-0035	EA 24" To 26-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....	272.01	17.30
	For >25 To 50, Deduct	-2.62	
	For >50 To 100, Deduct	-16.22	
	For >100 To 500, Deduct	-35.31	
	For >500 To 1,000, Deduct	-57.87	
	For >1,000, Deduct	-68.35	
21 13 16 00-0036	EA 27" To 29-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....	281.01	17.30
	For >25 To 50, Deduct	-2.62	
	For >50 To 100, Deduct	-16.67	
	For >100 To 500, Deduct	-36.44	
	For >500 To 1,000, Deduct	-59.49	
	For >1,000, Deduct	-69.97	
21 13 16 00-0037	EA 30" To 32-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....	290.03	17.30
	For >25 To 50, Deduct	-2.62	
	For >50 To 100, Deduct	-17.12	
	For >100 To 500, Deduct	-37.56	
	For >500 To 1,000, Deduct	-61.12	
	For >1,000, Deduct	-71.60	
21 13 16 00-0038	EA 33" To 35-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....	299.07	17.30
	For >25 To 50, Deduct	-2.62	
	For >50 To 100, Deduct	-17.57	
	For >100 To 500, Deduct	-38.69	
	For >500 To 1,000, Deduct	-62.74	
	For >1,000, Deduct	-73.22	
21 13 16 00-0039	EA 36" To 38-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....	308.08	17.30
	For >25 To 50, Deduct	-2.62	
	For >50 To 100, Deduct	-18.02	
	For >100 To 500, Deduct	-39.82	
	For >500 To 1,000, Deduct	-64.36	
	For >1,000, Deduct	-74.85	
21 13 16 00-0040	EA 39" To 41-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....	317.12	17.30
	For >25 To 50, Deduct	-2.62	
	For >50 To 100, Deduct	-18.48	
	For >100 To 500, Deduct	-40.95	
	For >500 To 1,000, Deduct	-65.99	
	For >1,000, Deduct	-76.47	

21 Fire Suppression**21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

21 13 16 00-0041	EA	42" To 44-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....	326.12	17.30
		<i>For >25 To 50, Deduct</i>	-2.62	
		<i>For >50 To 100, Deduct</i>	-18.93	
		<i>For >100 To 500, Deduct</i>	-42.08	
		<i>For >500 To 1,000, Deduct</i>	-67.61	
		<i>For >1,000, Deduct</i>	-78.09	
21 13 16 00-0042	EA	45" To 48" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....	335.15	17.30
		<i>For >25 To 50, Deduct</i>	-2.62	
		<i>For >50 To 100, Deduct</i>	-19.38	
		<i>For >100 To 500, Deduct</i>	-43.20	
		<i>For >500 To 1,000, Deduct</i>	-69.24	
		<i>For >1,000, Deduct</i>	-79.72	
21 13 16 00-0043		Sidewall Dry Pipe Sprinkler Heads, Quick Response <small>(21 13 16 00-0016)</small>		
21 13 16 00-0044	EA	3-1/2" To 5-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	206.68	17.30
		<i>For >25 To 50, Deduct</i>	-2.62	
		<i>For >50 To 100, Deduct</i>	-12.95	
		<i>For >100 To 500, Deduct</i>	-27.15	
		<i>For >500 To 1,000, Deduct</i>	-46.11	
		<i>For >1,000, Deduct</i>	-56.59	
21 13 16 00-0045	EA	6" To 8-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	215.71	17.30
		<i>For >25 To 50, Deduct</i>	-2.62	
		<i>For >50 To 100, Deduct</i>	-13.41	
		<i>For >100 To 500, Deduct</i>	-28.27	
		<i>For >500 To 1,000, Deduct</i>	-47.74	
		<i>For >1,000, Deduct</i>	-58.22	
21 13 16 00-0046	EA	9" To 11-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	224.75	17.30
		<i>For >25 To 50, Deduct</i>	-2.62	
		<i>For >50 To 100, Deduct</i>	-13.86	
		<i>For >100 To 500, Deduct</i>	-29.40	
		<i>For >500 To 1,000, Deduct</i>	-49.36	
		<i>For >1,000, Deduct</i>	-59.85	
21 13 16 00-0047	EA	12" To 14-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head.....	233.74	17.30
		<i>For >25 To 50, Deduct</i>	-2.62	
		<i>For >50 To 100, Deduct</i>	-14.31	
		<i>For >100 To 500, Deduct</i>	-30.53	
		<i>For >500 To 1,000, Deduct</i>	-50.98	
		<i>For >1,000, Deduct</i>	-61.46	
21 13 16 00-0048	EA	15" To 17-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head.....	242.77	17.30
		<i>For >25 To 50, Deduct</i>	-2.62	
		<i>For >50 To 100, Deduct</i>	-14.76	
		<i>For >100 To 500, Deduct</i>	-31.66	
		<i>For >500 To 1,000, Deduct</i>	-52.61	
		<i>For >1,000, Deduct</i>	-63.09	
21 13 16 00-0049	EA	18" To 20-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head.....	251.78	17.30
		<i>For >25 To 50, Deduct</i>	-2.62	
		<i>For >50 To 100, Deduct</i>	-15.21	
		<i>For >100 To 500, Deduct</i>	-32.78	
		<i>For >500 To 1,000, Deduct</i>	-54.23	
		<i>For >1,000, Deduct</i>	-64.71	
21 13 16 00-0050	EA	21" To 23-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head.....	260.83	17.30
		<i>For >25 To 50, Deduct</i>	-2.62	
		<i>For >50 To 100, Deduct</i>	-15.66	
		<i>For >100 To 500, Deduct</i>	-33.91	
		<i>For >500 To 1,000, Deduct</i>	-55.86	
		<i>For >1,000, Deduct</i>	-66.34	
21 13 16 00-0051	EA	24" To 26-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head.....	269.85	17.30
		<i>For >25 To 50, Deduct</i>	-2.62	
		<i>For >50 To 100, Deduct</i>	-16.11	
		<i>For >100 To 500, Deduct</i>	-35.04	
		<i>For >500 To 1,000, Deduct</i>	-57.48	
		<i>For >1,000, Deduct</i>	-67.96	
21 13 16 00-0052	EA	27" To 29-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head.....	278.84	17.30
		<i>For >25 To 50, Deduct</i>	-2.62	
		<i>For >50 To 100, Deduct</i>	-16.56	
		<i>For >100 To 500, Deduct</i>	-36.17	
		<i>For >500 To 1,000, Deduct</i>	-59.10	
		<i>For >1,000, Deduct</i>	-69.58	
21 13 16 00-0053	EA	30" To 32-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head.....	287.86	17.30
		<i>For >25 To 50, Deduct</i>	-2.62	
		<i>For >50 To 100, Deduct</i>	-17.01	
		<i>For >100 To 500, Deduct</i>	-37.29	
		<i>For >500 To 1,000, Deduct</i>	-60.72	
		<i>For >1,000, Deduct</i>	-71.21	
21 13 16 00-0054	EA	33" To 35-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head.....	296.89	17.30
		<i>For >25 To 50, Deduct</i>	-2.62	
		<i>For >50 To 100, Deduct</i>	-17.47	
		<i>For >100 To 500, Deduct</i>	-38.42	
		<i>For >500 To 1,000, Deduct</i>	-62.35	
		<i>For >1,000, Deduct</i>	-72.83	
21 13 16 00-0055	EA	36" To 38-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head.....	305.91	17.30
		<i>For >25 To 50, Deduct</i>	-2.62	
		<i>For >50 To 100, Deduct</i>	-17.92	
		<i>For >100 To 500, Deduct</i>	-39.55	
		<i>For >500 To 1,000, Deduct</i>	-63.97	
		<i>For >1,000, Deduct</i>	-74.46	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

21 13 16 00-0056	EA 39" To 41-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	332.98	17.30
	<i>For >25 To 50, Deduct</i>	-2.62	
	<i>For >50 To 100, Deduct</i>	-19.27	
	<i>For >100 To 500, Deduct</i>	-42.93	
	<i>For >500 To 1,000, Deduct</i>	-68.85	
	<i>For >1,000, Deduct</i>	-79.33	
21 13 16 00-0057	EA 42" To 44-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	342.01	17.30
	<i>For >25 To 50, Deduct</i>	-2.62	
	<i>For >50 To 100, Deduct</i>	-19.72	
	<i>For >100 To 500, Deduct</i>	-44.06	
	<i>For >500 To 1,000, Deduct</i>	-70.47	
	<i>For >1,000, Deduct</i>	-80.95	
21 13 16 00-0058	EA 45" To 48" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	345.60	17.30
	<i>For >25 To 50, Deduct</i>	-2.62	
	<i>For >50 To 100, Deduct</i>	-19.90	
	<i>For >100 To 500, Deduct</i>	-44.51	
	<i>For >500 To 1,000, Deduct</i>	-71.12	
	<i>For >1,000, Deduct</i>	-81.60	

21 13 19 Preaction Sprinkler Systems (21 13)

21 13 19 00-0001 Complete Preaction Sprinkler Systems (21 13 19)
 Note: Includes complete design per NFPA 13 and stamped shop drawings approved by a registered engineer. Includes all branch line piping (standard weight black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc. From riser pipe and mains. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks. See CSI section 23 21 13 23-1411 for individual grooved pipe, 23 21 13 23-1484 for individual grooved pipe fittings.

21 13 19 00-0002 Ordinary Hazard, Preaction Sprinkler Systems (21 13 19 00-0001)

21 13 19 00-0003	EA Exposed Piping, Ordinary Hazard, Preaction Sprinkler System, Per Head	636.32	
	Note: Includes branch pipe and fittings, supports and sprinkler heads.		
	<i>For Up To 5, Add</i>	278.75	
	<i>For >5 To 10, Add</i>	163.60	
	<i>For >10 To 20, Add</i>	99.97	
	<i>For >20 To 40, Add</i>	43.93	
	<i>For >100 To 150, Deduct</i>	-63.63	
	<i>For >150, Deduct</i>	-127.26	

21 13 19 00-0004 Extra Hazard, Preaction Sprinkler Systems (21 13 19 00-0001)

21 13 19 00-0005	EA Exposed Piping, Extra Hazard, Preaction Sprinkler System, Per Head	592.12	
	Note: Includes branch pipe and fittings, supports and sprinkler heads.		
	<i>For Up To 5, Add</i>	259.42	
	<i>For >5 To 10, Add</i>	152.29	
	<i>For >10 To 20, Add</i>	93.07	
	<i>For >20 To 40, Add</i>	40.89	
	<i>For >100 To 150, Deduct</i>	-59.21	
	<i>For >150, Deduct</i>	-118.42	

21 13 26 Deluge Fire-Suppression Sprinkler Systems (21 13)

21 13 26 00-0001 Deluge Fire-Suppression Sprinkler Systems Equipment (21 13 26)
 See CSI section 23 21 13 23-0000 for pipe and fittings.

21 13 26 00-0002 Deluge Valves With Required Trim And Release Equipment (21 13 26 00-0001)

21 13 26 00-0003	EA 3" Deluge Valve With Trim And Release Equipment	7,122.52	485.37
21 13 26 00-0004	EA 4" Deluge Valve With Trim And Release Equipment	8,174.36	545.99
21 13 26 00-0005	EA 6" Deluge Valve With Trim And Release Equipment	10,054.05	794.19

21 13 39 Foam-Water Systems (21 13)

21 13 39 00-0001 Foam Control Valves And Monitors (21 13 39)

21 13 39 00-0002 Control Valves (21 13 39 00-0001)

21 13 39 00-0003	EA 3" Foam Control Valve.....	3,202.75	485.37
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21 13 39 00-0004 Supply Valves (21 13 39 00-0001)

21 13 39 00-0005	EA 2-1/2" Foam Supply Valve	2,828.06	545.99
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21 13 39 00-0006 Proportioners (21 13 39 00-0001)

21 13 39 00-0007	EA 8" Foam Proportioner.....	2,143.35	794.19
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21 13 39 00-0008 Monitors (21 13 39 00-0001)

21 13 39 00-0009	EA Oscillating Foam Monitor	3,542.87	109.20
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21 13 41 Fire-Suppression Sprinkler Piping (21 13)

See CSI section 23 21 13 23-0001 for threaded black steel piping, 23 21 13 23-0374 for welded black steel piping, 23 21 13 23-0813 for flanged black steel pipe fittings, 23 21 13 23-1411 for grooved pipe, 23 21 13 23-1484 for grooved pipe fittings, 33 14 13 13-0001 for ductile iron pipe and fittings.

21 Fire Suppression**21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

21 13 41 00-0001	Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe ^(21 13 41) Note: SDR 13.5		
21 13 41 00-0002	Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe ^(21 13 41) ⁰⁰⁻⁰⁰⁰¹		
21 13 41 00-0003	LF 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe <i>For Work In Restricted Working Space, Add</i>	4.95 1.05	1.39
21 13 41 00-0004	LF 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe <i>For Work In Restricted Working Space, Add</i>	6.00 1.13	1.48
21 13 41 00-0005	LF 1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe <i>For Work In Restricted Working Space, Add</i>	7.63 1.23	1.66
21 13 41 00-0006	LF 1-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe <i>For Work In Restricted Working Space, Add</i>	9.42 1.36	1.84
21 13 41 00-0007	LF 2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe <i>For Work In Restricted Working Space, Add</i>	12.22 1.52	2.01
21 13 41 00-0008	LF 2-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe <i>For Work In Restricted Working Space, Add</i>	16.91 1.73	2.27
21 13 41 00-0009	LF 3" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe <i>For Work In Restricted Working Space, Add</i>	23.79 2.05	2.71
21 13 41 00-0010	Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbows, Fire Sprinkler Piping ^(21 13 41 00-0001)		
21 13 41 00-0011	EA 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	22.86 6.29	8.39
21 13 41 00-0012	EA 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	30.42 7.89	10.48
21 13 41 00-0013	EA 1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	38.07 9.86	13.11
21 13 41 00-0014	EA 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	43.73 10.90	14.50
21 13 41 00-0015	EA 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	49.75 12.16	16.25
21 13 41 00-0016	EA 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	63.82 13.84	18.44
21 13 41 00-0017	EA 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	78.59 16.35	21.84
21 13 41 00-0018	Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbows, Fire Sprinkler Piping ^(21 13 41 00-0001)		
21 13 41 00-0019	EA 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	23.53 6.29	8.39
21 13 41 00-0020	EA 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	29.35 7.89	10.48
21 13 41 00-0021	EA 1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	37.26 9.86	13.11
21 13 41 00-0022	EA 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	42.44 10.90	14.50
21 13 41 00-0023	EA 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	48.13 12.16	16.25
21 13 41 00-0024	EA 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	59.75 13.84	18.44
21 13 41 00-0025	EA 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	74.11 16.35	21.84
21 13 41 00-0026	Chlorinated Polyvinyl Chloride (CPVC) Tees, Fire Sprinkler Piping ^(21 13 41 00-0001)		
21 13 41 00-0027	EA 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	34.02 9.44	12.58
21 13 41 00-0028	EA 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	44.57 11.85	15.81
21 13 41 00-0029	EA 1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	56.92 14.78	19.74
21 13 41 00-0030	EA 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	65.77 16.35	21.84
21 13 41 00-0031	EA 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	77.49 18.24	24.28
21 13 41 00-0032	EA 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	96.30 20.75	27.70
21 13 41 00-0033	EA 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	113.77 24.53	32.67
21 13 41 00-0034	Chlorinated Polyvinyl Chloride (CPVC) Reducing Tees, Fire Sprinkler Piping ^(21 13 41 00-0001)		
21 13 41 00-0035	EA 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	41.11 11.03	14.76
21 13 41 00-0036	EA 1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	53.89 13.79	18.44
21 13 41 00-0037	EA 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	60.46 15.25	20.36
21 13 41 00-0038	EA 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	72.12 17.04	22.72
21 13 41 00-0039	EA 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	85.64 19.37	25.86

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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21 13 41 00-0040	EA 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	100.69 22.91	30.49
21 13 41 00-0041	Chlorinated Polyvinyl Chloride (CPVC) Crosses, Fire Sprinkler Piping <small>(21 13 41 00-0001)</small>		
21 13 41 00-0042	EA 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	46.00 12.58	16.77
21 13 41 00-0043	EA 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	57.67 15.78	21.05
21 13 41 00-0044	EA 1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	72.74 19.71	26.29
21 13 41 00-0045	EA 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	82.31 21.81	29.09
21 13 41 00-0046	EA 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	96.93 24.32	32.41
21 13 41 00-0047	EA 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	126.83 27.68	36.86
21 13 41 00-0048	Chlorinated Polyvinyl Chloride (CPVC) Couplings, Fire Sprinkler Piping <small>(21 13 41 00-0001)</small>		
21 13 41 00-0049	EA 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	15.79 4.19	5.59
21 13 41 00-0050	EA 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	21.15 5.63	7.51
21 13 41 00-0051	EA 1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	28.10 7.39	9.87
21 13 41 00-0052	EA 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	32.19 8.18	10.92
21 13 41 00-0053	EA 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	37.10 9.12	12.15
21 13 41 00-0054	EA 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	44.84 10.38	13.80
21 13 41 00-0055	EA 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	54.25 12.26	16.34
21 13 41 00-0056	Chlorinated Polyvinyl Chloride (CPVC) Caps, Fire Sprinkler Piping <small>(21 13 41 00-0001)</small>		
21 13 41 00-0057	EA 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	8.08 2.10	2.80
21 13 41 00-0058	EA 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	12.83 3.38	4.54
21 13 41 00-0059	EA 1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	14.83 3.70	4.90
21 13 41 00-0060	EA 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	17.09 4.09	5.41
21 13 41 00-0061	EA 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	20.42 4.56	6.12
21 13 41 00-0062	EA 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	24.83 5.19	6.91
21 13 41 00-0063	EA 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	32.66 6.14	8.21
21 13 41 00-0064	Chlorinated Polyvinyl Chloride (CPVC) Reducer Bushing, Fire Sprinkler Piping <small>(21 13 41 00-0001)</small>		
21 13 41 00-0065	EA 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	22.13 6.21	8.30
21 13 41 00-0066	EA 1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	29.39 8.12	10.83
21 13 41 00-0067	EA 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	32.48 8.99	11.96
21 13 41 00-0068	EA 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	37.13 10.04	13.37
21 13 41 00-0069	EA 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	44.39 11.43	15.20
21 13 41 00-0070	EA 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	54.49 13.50	17.99
21 13 41 00-0071	Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip x Female Pipe Thread, Fire Sprinkler Piping <small>(21 13 41 00-0001)</small>		
21 13 41 00-0072	EA 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip X Female Pipe Thread, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	20.12 4.61	6.12
21 13 41 00-0073	EA 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip X Female Pipe Thread, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	25.73 6.21	8.30
21 13 41 00-0074	Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping <small>(21 13 41 00-0001)</small>		
21 13 41 00-0075	EA 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	20.12 4.61	6.12

21 Fire Suppression**21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**
 MINOR
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 UNIT COST UNIT COST

 21 13 41 00-0076 EA 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread,
 Fire Sprinkler Piping 25.73 8.30
For Work In Restricted Working Space, Add 6.21

21 13 41 00-0077 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping ^(21 13 41 00-0001)

 21 13 41 00-0078 EA 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 1/2" FPT,
 Female Slip x Female Pipe Thread, Fire Sprinkler Piping 23.28 7.51
For Work In Restricted Working Space, Add 5.66

 21 13 41 00-0079 EA 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 1/2" FPT,
 Female Slip x Female Pipe Thread, Fire Sprinkler Piping 29.86 9.43
For Work In Restricted Working Space, Add 7.10

 21 13 41 00-0080 EA 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 3/4" FPT,
 Female Slip x Female Pipe Thread, Fire Sprinkler Piping 31.21 9.43
For Work In Restricted Working Space, Add 7.10

21 13 41 00-0081 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping ^(21 13 41 00-0001)

 21 13 41 00-0082 EA 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x
 Female Pipe Thread, Fire Sprinkler Piping 38.15 12.58
For Work In Restricted Working Space, Add 9.44

 21 13 41 00-0083 EA 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female
 Pipe Thread, Fire Sprinkler Piping 46.74 15.81
For Work In Restricted Working Space, Add 11.85

 21 13 41 00-0084 EA 1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x
 Female Pipe Thread, Fire Sprinkler Piping 61.34 19.74
For Work In Restricted Working Space, Add 14.78

 21 13 41 00-0085 EA 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x
 Female Pipe Thread, Fire Sprinkler Piping 70.45 21.84
For Work In Restricted Working Space, Add 16.35

 21 13 41 00-0086 EA 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female
 Pipe Thread, Fire Sprinkler Piping 83.18 24.28
For Work In Restricted Working Space, Add 18.24
21 20 Fire-Extinguishing Systems ⁽²¹⁾**21 21 Carbon-Dioxide Fire-Extinguishing Systems** ^(21 20)**21 21 16 Carbon-Dioxide Fire-Extinguishing Equipment** ^(21 21)**21 21 16 00-0001 Carbon Dioxide Cylinders** ^(21 21 16)
 21 21 16 00-0002 EA Carbon Dioxide Simplex Cylinder, 75 LB 4,137.40 235.15
 21 21 16 00-0003 EA Carbon Dioxide Duplex Cylinder, 75 LB (Each) 8,274.79 470.29
 21 21 16 00-0004 EA Carbon Dioxide Cylinder, Heat/Ion Detector, With Bracket 461.83 121.33
 21 21 16 00-0005 EA Carbon Dioxide Cylinder, Dispersion Nozzle 227.09 42.96
 21 21 16 00-0006 LF Carbon Dioxide Cylinder, 1/2" Rubber Tubing 48.61 17.42
21 22 Clean-Agent Fire-Extinguishing Systems ^(21 20)**21 22 16 Clean-Agent Fire-Extinguishing Equipment** ^(21 22)**21 22 16 00-0001 Ansul Fire Control Systems** ^(21 22 16)**21 22 16 00-0002 Sapphire® Fire Suppression Systems** ^(21 22 16 00-0001)

Note: ANSUL® SAPPHIRE® fire suppression systems use 3M™ Novec™ 1230 fire protection fluid for total flooding applications.

21 22 16 00-0003 Cylinders, Sapphire® Fire Suppression Systems ^(21 22 16 00-0002)
 21 22 16 00-0004 EA 20 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570635) 1,610.30 80.17
 Note: 10 to 21 LB tank capacity. Excludes Sapphire agent.

 21 22 16 00-0005 EA 40 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570636) 1,836.35 80.17
 Note: 20 to 46 LB tank capacity. Excludes Sapphire agent.

 21 22 16 00-0006 EA 80 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570637) 1,866.07 80.17
 Note: 41 to 80 LB tank capacity. Excludes Sapphire agent.

 21 22 16 00-0007 EA 140 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570638) 2,649.02 106.89
 Note: 58 to 138 LB tank capacity. Excludes Sapphire agent.

 21 22 16 00-0008 EA 280 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570639) 2,798.45 106.89
 Note: 116 to 280 LB tank capacity. Excludes Sapphire agent.

 21 22 16 00-0009 EA 390 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570640) 2,990.73 133.61
 Note: 161 to 388 LB tank capacity. Excludes Sapphire agent.

 21 22 16 00-0010 EA 450 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570641) 3,172.94 133.61
 Note: 194 to 459 LB tank capacity. Excludes Sapphire agent.

 21 22 16 00-0011 EA 850 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570586) 4,787.23 160.33
 Note: 375 to 851 LB tank capacity. Excludes Sapphire agent.

 21 22 16 00-0012 LB Sapphire Agent. Fire Protection Fluid, Factory Filled (Novec 1230) 40.37 160.33
 Note: Add to empty tank cost.
21 22 16 00-0013 Nozzles, Sapphire® Fire Suppression Systems ^(21 22 16 00-0002)

21 22 16 00-0014 EA 1/2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570515) 153.99 13.36

21 22 16 00-0015 EA 3/4" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570516) 157.84 13.36

21 22 16 00-0016 EA 1" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570517) 167.49 13.36

21 22 16 00-0017 EA 1-1/4" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570518) 174.24 13.36

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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21 22 16 00-0018	EA	1-1/2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570519)	183.88	13.36
21 22 16 00-0019	EA	2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570520)	212.79	13.36
21 22 16 00-0020	EA	1/2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570602)	153.99	13.36
21 22 16 00-0021	EA	3/4" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570603)	157.84	13.36
21 22 16 00-0022	EA	1" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570604)	167.49	13.36
21 22 16 00-0023	EA	1-1/4" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570605)	174.24	13.36
21 22 16 00-0024	EA	1-1/2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570606)	183.88	13.36
21 22 16 00-0025	EA	2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570607)	212.79	13.36
21 22 16 00-0026 Actuation Attachments, Sapphire® Fire Suppression System (21 22 16 00-0002)				
21 22 16 00-0027	EA	7/16-20 To 1/4" NPT, Male Actuation Elbow, Sapphire® Fire Suppression System (Ansul 31810).....	13.97	4.01
21 22 16 00-0028	EA	7/16-20 To 1/4" NPT, Male Actuation Tee, Sapphire® Fire Suppression System (Ansul 31811).....	15.63	4.01
21 22 16 00-0029	EA	1/4" NPT To 7/16-20, Male Actuation Connector, Sapphire® Fire Suppression System (Ansul 32338).....	21.42	9.35
21 22 16 00-0030	EA	16" Actuation Hose, Sapphire® Fire Suppression System (Ansul 73597)	50.13	11.97
21 22 16 00-0031	EA	32" Actuation Hose, Sapphire® Fire Suppression System (Ansul 415142)	74.07	11.97
21 22 16 00-0032	EA	42" Actuation Hose, Sapphire® Fire Suppression System (Ansul 430815)	89.33	11.97
21 22 16 00-0033	EA	24", Stainless Steel, Swivel, Braided Actuation Hose, Sapphire® Fire Suppression System (Ansul 32336).....	44.62	11.97
21 22 16 00-0034	EA	Pneumatic Actuator Shipping Assembly, Sapphire® Fire Suppression System (Ansul 570537).....	311.14	106.89
21 22 16 00-0035	EA	Local Manual Actuator, Sapphire® Fire Suppression System (Ansul 570549).....	299.15	80.17
21 22 16 00-0036	EA	Electric Actuator Shipping Assembly, Sapphire® Fire Suppression System (Ansul 570537)	669.78	106.89
21 22 16 00-0037 Nameplates, Sapphire® Fire Suppression Systems (21 22 16 00-0002)				
21 22 16 00-0038	EA	Warning Plate For Use Outside Room, Sapphire® Fire Suppression Systems (Ansul 570580).....	49.87	13.36
21 22 16 00-0039	EA	Warning Plate for Use Inside Room, Sapphire® Fire Suppression Systems (Ansul 570581).....	54.22	13.36
21 22 16 00-0040 Cylinder Bracketing, Sapphire® Fire Suppression Systems (21 22 16 00-0002)				
21 22 16 00-0041	EA	Tank Bracket Assembly For 20 LB, 40 LB, 50 LB, 80 LB And 90 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570085)	153.44	40.08
21 22 16 00-0042	EA	Tank Bracket Assembly For 140 LB, 280 LB, 390 LB And 450 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570085)	162.12	40.08
21 22 16 00-0043	EA	Tank Bracket Assembly For 850 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570336).....	173.21	40.08
21 22 16 00-0044 Check Valves, Sapphire® Fire Suppression Systems (21 22 16 00-0002)				
21 22 16 00-0045	EA	1" Manifold Check Valve, Sapphire® Fire Suppression Systems (Ansul 570566)	411.43	42.54
21 22 16 00-0046	EA	2" Manifold Check Valve, Sapphire® Fire Suppression Systems (Ansul 570568).....	578.36	73.00
21 22 16 00-0047 Discharge Hose, Sapphire® Fire Suppression Systems (21 22 16 00-0002)				
21 22 16 00-0048	EA	1" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 570539).....	129.60	26.73
21 22 16 00-0049	EA	2" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 570538).....	484.39	26.73
21 22 16 00-0050	EA	3" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 69990).....	408.22	26.73
21 22 16 00-0051	EA	3" Discharge Hose And Check Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 69841)	1,783.29	106.89
21 22 16 00-0052 Swivel Adaptors, Sapphire® Fire Suppression Systems (21 22 16 00-0002)				
21 22 16 00-0053	EA	1" Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 570557).....	46.60	18.71
21 22 16 00-0054	EA	2" Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 570558).....	82.64	18.71
21 22 16 00-0055	EA	3" Flare To 3" Grooved, Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 69471)	229.19	13.36
21 22 16 00-0056	EA	3" Flare To 3" NPT, Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 69470).....	296.31	13.36
21 22 16 00-0057 Pressure Switches, Sapphire® Fire Suppression Systems (21 22 16 00-0002)				
21 22 16 00-0058	EA	Cylinder Low Pressure Switch, Sapphire® Fire Suppression Systems (Ansul 570585)	171.00	53.44
21 22 16 00-0059	EA	Pressure Trip, Sapphire® Fire Suppression Systems (Ansul 5156)	171.19	22.44
21 22 16 00-0060	EA	Weather Proof, DPST Pressure Switch, Sapphire® Fire Suppression Systems (Ansul 46250)	527.36	93.52
21 22 16 00-0061 Level Indicators, Sapphire® Fire Suppression Systems (21 22 16 00-0002)				
21 22 16 00-0062	EA	Liquid Level Indicator For 280 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570277).....	613.92	18.71
21 22 16 00-0063	EA	Liquid Level Indicator For 390 LB And 850 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570278).....	642.86	18.71
21 22 16 00-0064	EA	Liquid Level Indicator For 450 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570589).....	688.76	26.73
21 22 16 00-0065 Inspection/Maintenance Devices, Sapphire® Fire Suppression Systems (21 22 16 00-0002)				
21 22 16 00-0066	EA	Master Tank Pilot Port Male Adaptor, Sapphire® Fire Suppression Systems (Ansul 570342)	47.48	16.04
21 22 16 00-0067	EA	Cylinder Valve Pressure Gauge, Sapphire® Fire Suppression Systems (Ansul 570642).....	59.48	18.71
21 22 16 00-0068	EA	Recharge Top Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570579).....	199.08	80.17
21 22 16 00-0069	EA	1" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570576)	232.15	80.17
21 22 16 00-0070	EA	2" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570592)	259.63	80.17
21 22 16 00-0071	EA	3" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 69891)	348.32	80.17
21 22 16 00-0072 Replacement Parts, Sapphire® Fire Suppression Systems (21 22 16 00-0002)				
21 22 16 00-0073	EA	O-Ring Kit, Sapphire® Fire Suppression Systems (Ansul 570559)	56.62	21.38
21 22 16 00-0074	EA	Recoil Cap, Sapphire® Fire Suppression Systems (Ansul 570553)	92.76	13.36
21 22 16 00-0075	EA	Burst Disc Assembly, Sapphire® Fire Suppression Systems (Ansul 570053)	125.28	26.73
21 22 16 00-0076	EA	Bonnet Assembly, Sapphire® Fire Suppression Systems (Ansul 570543)	331.39	106.89
21 22 16 00-0077	EA	Piston Assembly, Sapphire® Fire Suppression Systems (Ansul 570551)	500.10	106.89
21 22 16 00-0078	EA	1" Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570535)	1,683.01	106.89

21 Fire Suppression
21 20 Fire-Extinguishing Systems
21 22 Clean-Agent Fire-Extinguishing Systems

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

21 22 16 00-0079		Inergen® Fire Suppression System (21 22 16 00-0001)		
21 22 16 00-0080		Actuation Attachments, Inergen® Fire Suppression System (21 22 16 00-0079)		
21 22 16 00-0081	EA	Flexible Discharge Bend For CV90 And CV98 (200 Bar), Inergen® Fire Suppression System (Ansul 427082)	181.19	26.47
21 22 16 00-0082	EA	Metron Protractor Replacement Cartridges, Inergen® Fire Suppression System (Ansul 423958)	210.62	28.45
21 22 16 00-0083	EA	Electric Actuator, Lever, CV98, Inergen® Fire Suppression System (Ansul 423309)	376.83	51.50
21 22 16 00-0084	EA	Electric Actuator For CV90 Valve, Inergen® Fire Suppression System (Ansul 426876)	758.14	117.28
21 22 16 00-0085		Check Valves, Inergen® Fire Suppression System (21 22 16 00-0079)		
21 22 16 00-0086	EA	2" Bronze Check Valve, Weld Neck Flange, Inergen® Fire Suppression System (Ansul 840794)	1,821.95	154.79
21 22 16 00-0087		Components, Inergen® Fire Suppression System (21 22 16 00-0079)		
21 22 16 00-0088	EA	1/2" Manifold Relief Valve, Inergen® Fire Suppression System (Ansul 418378)	53.83	8.12
21 22 16 00-0089	EA	Pressure Operated Siren, Inergen® Fire Suppression System (Ansul 419700)	632.88	86.97
21 22 16 00-0090	EA	30 Second Pneumatic Time Delay, Inergen® Fire Suppression System (Ansul 54169)	1,970.14	272.13
21 22 16 00-0091	EA	60 Second Time Delay, Inergen® Fire Suppression System (Ansul 426170)	1,878.15	277.23
21 22 16 00-0092		Cylinders, Inergen® Fire Suppression System (21 22 16 00-0079)		
		Note: Includes CV98 valve. Factory filled with Inergen agent.		
21 22 16 00-0093	EA	200 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426147)	1,643.42	249.05
21 22 16 00-0094	EA	250 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426148)	1,864.25	282.17
21 22 16 00-0095	EA	350 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426620)	2,666.72	365.66
21 22 16 00-0096	EA	435 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426150)	2,669.78	446.83
21 22 16 00-0097	EA	250 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426257)	1,928.89	314.62
21 22 16 00-0098	EA	350 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426621)	2,731.84	398.23
21 22 16 00-0099	EA	435 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426259)	2,821.41	480.15
21 22 16 00-0100		Inspection/Maintenance Devices, Inergen® Fire Suppression System (21 22 16 00-0079)		
21 22 16 00-0101	EA	CV90 Fill Adaptor To CV98 Valve, Conversion Adapter, Inergen® Fire Suppression System (Ansul 423657)	62.03	9.05
21 22 16 00-0102	EA	CV98 To CV90 Conversion Adapter, Cylinder Test Gauge, Inergen® Fire Suppression System (Ansul 426181)	62.03	9.05
21 22 16 00-0103	EA	CV90 Pressure Test Assembly Venting Kit, Inergen® Fire Suppression System (Ansul 426954)	74.79	10.06
21 22 16 00-0104	EA	Pressure Test Gauge, Inergen® Fire Suppression System (Ansul 423923)	1,181.88	172.82
21 22 16 00-0105		Multiple Cylinder Bracketing, Inergen® Fire Suppression System (21 22 16 00-0079)		
21 22 16 00-0106	EA	13" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 418502)	19.90	2.65
		Note: For single row 435 cubic foot cylinders.		
21 22 16 00-0107	EA	27" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 418503)	28.24	3.78
		Note: For double row 435 cubic foot cylinders.		
21 22 16 00-0108		Nameplates, Inergen® Fire Suppression System (21 22 16 00-0079)		
21 22 16 00-0109	EA	Warning Plate, Nameplate, Inside Room With Alarm, Inergen® Fire Suppression System (Ansul 416265)	21.95	2.96
21 22 16 00-0110	EA	Warning Plate, Nameplate, Outside Room Without Alarm, Inergen® Fire Suppression System (Ansul 416266)	20.29	2.96
21 22 16 00-0111		Nozzle Deflector Shields, Inergen® Fire Suppression System (21 22 16 00-0079)		
21 22 16 00-0112	EA	1/2" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417708)	88.18	12.75
21 22 16 00-0113	EA	3/4" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417711)	92.53	13.36
21 22 16 00-0114	EA	1" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417714)	107.51	15.42
21 22 16 00-0115	EA	1-1/4" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417717)	119.84	17.42
21 22 16 00-0116	EA	1-1/2" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417720)	137.46	20.03
21 22 16 00-0117		Nozzles, Inergen® Fire Suppression System (21 22 16 00-0079)		
21 22 16 00-0118	EA	1/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417908)	135.06	19.74
21 22 16 00-0119	EA	3/8" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417723)	140.12	20.32
21 22 16 00-0120	EA	1/2" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417362)	129.24	18.82
21 22 16 00-0121	EA	3/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417363)	132.40	20.32
21 22 16 00-0122	EA	1" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417364)	153.65	22.35
21 22 16 00-0123	EA	1-1/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417365)	164.27	23.80
21 22 16 00-0124	EA	1-1/2" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417366)	176.84	25.54
21 22 16 00-0125	EA	2" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426155)	304.41	44.70
21 22 16 00-0126	EA	2-1/2" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426156)	402.48	58.64
21 22 16 00-0127	EA	3" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426137)	438.77	64.45
21 22 16 00-0128	EA	1/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426138)	157.28	23.21
21 22 16 00-0129	EA	3/8" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426139)	185.53	27.18
21 22 16 00-0130	EA	1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426140)	152.67	22.35
21 22 16 00-0131	EA	3/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426141)	163.08	23.69
21 22 16 00-0132	EA	1" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426142)	164.52	23.80
21 22 16 00-0133	EA	1-1/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426143)	198.59	28.91
21 22 16 00-0134	EA	1-1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426157)	214.05	31.35
21 22 16 00-0135	EA	2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426144)	328.56	48.11
21 22 16 00-0136	EA	2-1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426145)	383.64	56.32
21 22 16 00-0137	EA	3" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426146)	420.37	61.54

Fire Suppression	21
Fire-Extinguishing Systems	21 20
Clean-Agent Fire-Extinguishing Systems	21 22
MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST
	DEMOLITION UNIT COST

21 22 16 00-0138	Pressure Reducers, Inergen® Fire Suppression System (21 22 16 00-0079)		
21 22 16 00-0139	EA 1/2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416677)	176.84	25.54
21 22 16 00-0140	EA 3/4" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416678)	216.97	31.82
21 22 16 00-0141	EA 1" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416679)	233.37	34.26
21 22 16 00-0142	EA 1-1/4" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416680)	328.56	48.11
21 22 16 00-0143	EA 1-1/2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416681)	359.01	52.72
21 22 16 00-0144	EA 2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416682)	421.81	61.54
21 22 16 00-0145	EA 2-1/2" NPT, Orifice Nipple, Pressure Reducer, Inergen® Fire Suppression System (Ansul 417057)	490.43	72.16
21 22 16 00-0146	EA 3" NPT, Orifice Nipple, Pressure Reducer, Inergen® Fire Suppression System (Ansul 417058)	579.82	85.35
21 22 16 00-0147	EA 2-1/2" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426823)	739.44	168.38
21 22 16 00-0148	EA 3" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426824)	951.79	197.41
21 22 16 00-0149	EA 4" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426825)	1,218.75	330.94
21 22 16 00-0150	EA 2-1/2" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426847)	721.12	168.38
21 22 16 00-0151	EA 3" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426848)	798.22	117.60
21 22 16 00-0152	EA 4" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426849)	1,218.75	330.94
21 22 16 00-0153	EA 2-1/2" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426853)	736.54	168.38
21 22 16 00-0154	EA 3" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426854)	829.64	122.21
21 22 16 00-0155	EA 4" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426855)	1,195.61	330.94
21 22 16 00-0156	Pressure Switches, Inergen® Fire Suppression System (21 22 16 00-0079)		
21 22 16 00-0157	EA 3PST, Pressure Switch, Inergen® Fire Suppression System (Ansul 842344)	830.82	128.31
21 22 16 00-0158	Releasing Device Equipment, Inergen® Fire Suppression System (21 22 16 00-0079)		
21 22 16 00-0159	EA 12 Or 24 Volt DC, Assembly, Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 17728)	1,362.10	199.06
21 22 16 00-0160	EA 24 Volt DC, Explosion Proof Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 31492)	1,938.26	265.26
21 22 16 00-0161	EA 120 Volt AC, Explosion Proof Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 32525)	2,054.49	269.83
21 22 16 00-0162	EA Cocking Lever For Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 26310)	96.15	13.72
21 22 16 00-0163	EA LT-30-R Nitrogen Cartridge, Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 5373)	114.99	18.17
21 22 16 00-0164	EA Remote Actuator Booster With N2 Cartridge, Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 28939)	1,100.38	142.02
21 22 16 00-0165	Replacement Orifice Plates, Inergen® Fire Suppression System (21 22 16 00-0079)		
21 22 16 00-0166	EA 1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418095)	120.26	13.48
21 22 16 00-0167	EA 3/4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418096)	126.04	14.20
21 22 16 00-0168	EA 1" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418097)	132.32	14.44
21 22 16 00-0169	EA 1-1/4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418098)	141.96	14.93
21 22 16 00-0170	EA 1-1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418099)	147.77	16.37
21 22 16 00-0171	EA 2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418100)	148.52	17.69
21 22 16 00-0172	EA 2-1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426984)	326.13	47.42
21 22 16 00-0173	EA 3" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426985)	329.05	47.90
21 22 16 00-0174	EA 4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426986)	421.81	61.38
21 22 16 00-0175	Single Cylinder Bracketing, Inergen® Fire Suppression System (21 22 16 00-0079)		
21 22 16 00-0176	EA Strap For 435 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 427704)	153.65	22.35
21 22 16 00-0177	EA Channel For 435 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 427705)	211.49	51.09
	Note: Includes saddle, padding and fasteners.		
21 22 16 00-0178	Single Mating Flanges, Flanged Manifold Orifices, Inergen® Fire Suppression System (21 22 16 00-0079)		
21 22 16 00-0179	EA 2-1/2" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426856)	399.24	33.04
	Note: Includes gasket and fasteners.		
21 22 16 00-0180	EA 3" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426857)	336.78	49.33
	Note: Includes gasket and fasteners.		
21 22 16 00-0181	EA 4" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426858)	684.70	330.94
	Note: Includes gasket and fasteners.		
21 22 16 00-0182	EA 2-1/2" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426859)	211.15	30.86
	Note: Includes gasket and fasteners.		
21 22 16 00-0183	EA 3" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426860)	247.86	36.00
	Note: Includes gasket and fasteners.		
21 22 16 00-0184	EA 4" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426861)	679.83	330.94
	Note: Includes gasket and fasteners.		
21 22 16 00-0185	EA 2-1/2" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426862)	219.85	32.31
	Note: Includes gasket and fasteners.		
21 22 16 00-0186	EA 3" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426863)	257.54	37.66
	Note: Includes gasket and fasteners.		
21 22 16 00-0187	EA 4" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426864)	703.93	330.94
	Note: Includes gasket and fasteners.		
21 22 16 00-0188	EA 2-1/2" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426828)	42.88	2.45
	Note: Includes a stainless steel inner ring and a carbon steel outer ring.		

21 Fire Suppression
21 20 Fire-Extinguishing Systems
21 22 Clean-Agent Fire-Extinguishing Systems

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
21 22 16 00-0189	EA	3" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426829)	43.37		2.70
		Note: Includes a stainless steel inner ring and a carbon steel outer ring.			
21 22 16 00-0190	EA	4" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426830)	46.73		3.19
		Note: Includes a stainless steel inner ring and a carbon steel outer ring.			
21 22 16 00-0191		Upright And Feet, Cylinder Bracketing, Inergen® Fire Suppression System (21 22 16 00-0079)			
21 22 16 00-0192	EA	Center Upright Foot, Inergen® Fire Suppression System (Ansul 418508)	26.91		3.93
21 22 16 00-0193	EA	Double Row, Back-To-Back Rows, Weigh Rail Support, Inergen® Fire Suppression System (Ansul 423027)	221.25		29.85
21 22 16 00-0194	EA	85" High, Cylinder Bracketing For 425 CF And LC100 Cylinders, Inergen® Fire Suppression System (Ansul 426592)	165.36		29.85
		Note: Includes upright, left, right and center.			
21 22 16 00-0195		Autopulse® Fire Detection And Control Equipment (21 22 16 00-0001)			
21 22 16 00-0196		Accessory Switches, Autopulse® Fire Detection And Control Equipment (21 22 16 00-0195)			
21 22 16 00-0197	EA	Abort, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76495)	173.47		25.76
21 22 16 00-0198	EA	Abort, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76494)	197.16		29.36
21 22 16 00-0199	EA	Main/Reserve, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76497)	250.78		37.31
21 22 16 00-0200	EA	Main/Reserve, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76496)	270.12		40.20
21 22 16 00-0201	EA	Maintenance, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76499)	338.24		50.55
21 22 16 00-0202	EA	Maintenance, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76498)	360.00		53.68
21 22 16 00-0203	EA	Explosion Proof, Abort Switch, Autopulse® Fire Detection And Control Equipment (Ansul 65956)	690.05		103.50
21 22 16 00-0204	EA	Single Gang, Surface Mount Back Box For Accessory Switches, Autopulse® Fire Detection And Control Equipment (Ansul 76490)	55.53		7.71
21 22 16 00-0205		Alarm Devices, Autopulse® Fire Detection And Control Equipment (21 22 16 00-0195)			
21 22 16 00-0206	EA	Selectable Candela Strobe, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429698)	150.28		22.38
21 22 16 00-0207	EA	Sync Module, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429699)	220.35		32.74
21 22 16 00-0208	EA	Back Box Extender Adapter, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429702)	20.10		2.98
21 22 16 00-0209		Annunciators, Autopulse® Fire Detection And Control Equipment (21 22 16 00-0195)			
21 22 16 00-0210	EA	80 Character LCD, Annunciator, LCD-80, Autopulse® Fire Detection And Control Equipment (Ansul 417492)	1,731.60		259.72
21 22 16 00-0211	EA	16 Zone Alarm/Trouble, Annunciator Control Module, ACM-16AT, Autopulse® Fire Detection And Control Equipment (Ansul 417496)	1,451.58		217.59
21 22 16 00-0212	EA	16 Zone Alarm/Trouble, Annunciator Expander Module, AEM-16AT, Autopulse® Fire Detection And Control Equipment (Ansul 417497)	1,126.85		168.97
21 22 16 00-0213	EA	32 Zone, Alarm Annunciator Expander Module, AEM-32A, Autopulse® Fire Detection And Control Equipment (Ansul 417500)	981.42		147.07
21 22 16 00-0214	EA	Annunciator Lamp Driver Control Module, LDM-32, Autopulse® Fire Detection And Control Equipment (Ansul 417501)	981.42		147.07
21 22 16 00-0215	EA	Annunciator Lamp Driver Expander Module, LDM-E32, Autopulse® Fire Detection And Control Equipment (Ansul 417502)	786.20		117.70
21 22 16 00-0216	EA	Annunciator Lamp Driver Relay Module, LDM-R32, Autopulse® Fire Detection And Control Equipment (Ansul 417650)	1,451.58		217.59
21 22 16 00-0217	EA	24", Annunciator Lamp Driver Cable, LDM-CBL24, Autopulse® Fire Detection And Control Equipment (Ansul 417651)	295.24		44.05
21 22 16 00-0218	EA	48", Annunciator Lamp Driver Cable, LDM-CBL48, Autopulse® Fire Detection And Control Equipment (Ansul 417652)	370.14		55.36
21 22 16 00-0219	EA	8 Relay, Annunciator Control Module, ACM-8R, Autopulse® Fire Detection And Control Equipment (Ansul 417653)	742.22		111.20
21 22 16 00-0220	EA	Key Switch, AKS-1 Annunciator Accessory, Autopulse® Fire Detection And Control Equipment (Ansul 417660)	125.40		18.65
21 22 16 00-0221	EA	Low Profile Annunciator Chassis, CHS-4L, Autopulse® Fire Detection And Control Equipment (Ansul 418576)	170.57		25.76
		Note: For up to 4 LDM modules.			
21 22 16 00-0222	EA	Flush, Single Annunciator Back Box, ABF-1, Autopulse® Fire Detection And Control Equipment (Ansul 417657)	295.25		44.05
21 22 16 00-0223		Autopulse IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (21 22 16 00-0195)			
21 22 16 00-0224	EA	CHS-4 Chassis, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419586)	229.55		35.87
21 22 16 00-0225	EA	REL 47K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419639)	14.21		2.46
21 22 16 00-0226	EA	REL 4.7K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419640)	98.58		2.98
21 22 16 00-0227	EA	REL 2.2K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 407765)	15.38		2.98
21 22 16 00-0228		Autopulse IQ-396X Modules, Autopulse® Fire Detection And Control Equipment (21 22 16 00-0195)			
21 22 16 00-0229	EA	Indicating Circuit Expander, IQ-396X Modules, ICE-4, Autopulse® Fire Detection And Control Equipment (Ansul 419564)	510.34		80.39
21 22 16 00-0230	EA	Control Relay Expander, IQ-396X Modules, CRE-4, Autopulse® Fire Detection And Control Equipment (Ansul 419566)	305.92		47.90
21 22 16 00-0231		Batteries And Power Supplies, Autopulse® Fire Detection And Control Equipment (21 22 16 00-0195)			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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21 22 16 00-0232	EA	7 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417692)	225.19	30.81
21 22 16 00-0233	EA	12 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417693)	471.00	65.23
21 22 16 00-0234	EA	18 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417694)	531.54	73.89
21 22 16 00-0235	EA	25 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417695)	694.28	90.02
21 22 16 00-0236	EA	55 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417997)	1,120.08	156.22
21 22 16 00-0237	EA	BB-17, Red Battery Box, Autopulse® Fire Detection And Control Equipment (Ansul 418578)	167.67	24.79
21 22 16 00-0238	EA	BB-25, Grey Cabinet, Autopulse® Fire Detection And Control Equipment (Ansul 428079)	299.60	44.77
		Note: Holds six XP5 modules or 25AH battery pack.		
21 22 16 00-0239	EA	BB-55, Red Battery Box, Autopulse® Fire Detection And Control Equipment (Ansul 419410)	609.34	91.23
		Note: For mounting in BB-55 battery box.		
21 22 16 00-0240	EA	Battery Charger, CHG-120, Autopulse® Fire Detection And Control Equipment (Ansul 426207)	1,771.47	265.73
		Note: For mounting in BB-55 battery box.		
21 22 16 00-0241	EA	120 Volt AC, FCPS-24F, Red Remote Power Supply, Autopulse® Fire Detection And Control Equipment (Ansul 418563)	1,295.49	194.24
21 22 16 00-0242		Intelligent Addressable Devices, Autopulse® Fire Detection And Control Equipment <small>(21 22 16 00-0195)</small>		
21 22 16 00-0243	EA	Monitor Module, Intelligent Addressable Devices, FMM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428097)	136.51	20.58
21 22 16 00-0244	EA	Mini Monitor Module, Intelligent Addressable Devices, FMM-101, Autopulse® Fire Detection And Control Equipment (Ansul 428098)	127.59	20.46
21 22 16 00-0245	EA	Isolator Module, Intelligent Addressable Devices, ISO-X, Autopulse® Fire Detection And Control Equipment (Ansul 417480)	173.05	29.36
21 22 16 00-0246	EA	2-Wire Detector Monitor Module, Intelligent Addressable Devices, FZM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428100)	256.59	38.28
21 22 16 00-0247	EA	NAC Control Module, Intelligent Addressable Devices, FCM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428101)	199.59	31.05
21 22 16 00-0248	EA	Control Relay Module, Intelligent Addressable Devices, FRM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428102)	187.52	29.85
21 22 16 00-0249	EA	Flangeless, Analog Addressable Detector Base, Intelligent Addressable Devices, B501, Autopulse® Fire Detection And Control Equipment (Ansul 417487)	29.87	4.76
21 22 16 00-0250	EA	Analog Addressable Detector Base With Isolator, Intelligent Addressable Devices, B224BI, Autopulse® Fire Detection And Control Equipment (Ansul 426125)	110.18	16.85
21 22 16 00-0251	EA	Harsh Detector, Analog Addressable Detector Base, Intelligent Addressable Devices, B710HD, Autopulse® Fire Detection And Control Equipment (Ansul 427066)	110.17	16.37
21 22 16 00-0252	EA	HPX-751 Detector Filter Cover, Intelligent Addressable Devices, FR-FTX, Autopulse® Fire Detection And Control Equipment (Ansul 427067)	39.67	13.48
21 22 16 00-0253	EA	Low Profile Trim Ring, Intelligent Addressable Devices, F110, Autopulse® Fire Detection And Control Equipment (Ansul 428138)	10.13	1.49
		Note: Converts BX501 to low profile base.		
21 22 16 00-0254	EA	Relay Base, Intelligent Addressable Devices, B224RB, Autopulse® Fire Detection And Control Equipment (Ansul 423945)	106.05	15.76
21 22 16 00-0255	EA	EOL Power Supervision Relay, Intelligent Addressable Devices, Autopulse® Fire Detection And Control Equipment (Ansul 417699)	62.13	9.29
21 22 16 00-0256	EA	XP5 Modules Cabinet, Intelligent Addressable Devices, BB-XP, Autopulse® Fire Detection And Control Equipment (Ansul 428078)	168.14	24.55
21 22 16 00-0257	EA	BB-25 Chassis, Intelligent Addressable Devices, CHS-6, Autopulse® Fire Detection And Control Equipment (Ansul 428080)	87.94	12.99
21 22 16 00-0258		Manual Pull Stations, Autopulse® Fire Detection And Control Equipment <small>(21 22 16 00-0195)</small>		
21 22 16 00-0259	EA	Break Rod Package For Manual Pull Stations, Autopulse® Fire Detection And Control Equipment (Ansul 428661)	25.30	3.49
21 22 16 00-0260	EA	Key Pull Station For Manual Pull Stations, Autopulse® Fire Detection And Control Equipment (Ansul 418336)	15.67	1.92
21 22 16 00-0261		Transmitter/Relay Modules, Autopulse® Fire Detection And Control Equipment <small>(21 22 16 00-0195)</small>		
21 22 16 00-0262	EA	Transmitter Module, 4XTM, Autopulse® Fire Detection And Control Equipment (Ansul 417470)	220.35	32.74
		Note: Includes municipal box and remote station connection.		
21 22 16 00-0263	EA	Relay/Transmitter Module With 8 Form C Relay Contacts, RTM-8, Autopulse® Fire Detection And Control Equipment (Ansul 417471)	662.41	94.11
21 22 16 00-0264	EA	Universal Digital Alarm COM/XMTR Module, UDACT, Autopulse® Fire Detection And Control Equipment (Ansul 419411)	1,265.08	189.67
21 22 16 00-0265	EA	Ferrite Core For Transmitter/Relay Modules, Autopulse® Fire Detection And Control Equipment (Ansul 419635)	33.73	4.91
21 22 16 00-0266		Vesda® Aspirating Smoke Detection System <small>(21 22 16 00-0001)</small>		
21 22 16 00-0267		Batteries And Power Supplies, Vesda® Aspirating Smoke Detection System <small>(21 22 16 00-0266)</small>		
21 22 16 00-0268	EA	Transformer Only, VSP-TRAN-120, Vesda® Aspirating Smoke Detection System (Ansul 430482)	171.35	23.11
21 22 16 00-0269	EA	Battery Cabinet, VBC-001, Vesda® Aspirating Smoke Detection System (Ansul 430379)	349.98	34.83
21 22 16 00-0270	EA	120 Volt AC, Single Zone Power Supply With Housing, VPS-100US-120, Vesda® Aspirating Smoke Detection System (Ansul 430374)	953.27	134.79
21 22 16 00-0271	EA	220 Volt AC, Single Zone Power Supply With Housing, VPS-100US-220, Vesda® Aspirating Smoke Detection System (Ansul 430375)	953.27	134.79
21 22 16 00-0272	EA	120 Volt AC, Multi Zone Power Supply, VPS-300US-120, Vesda® Aspirating Smoke Detection System (Ansul 430376)	1,432.27	202.19
		Note: Includes housing and battery cab.		
21 22 16 00-0273	EA	220 Volt AC, Multi Zone Power Supply, VPS-300US-220, Vesda® Aspirating Smoke Detection System (Ansul 430377)	1,432.27	202.19
		Note: Includes housing and battery cab.		
21 22 16 00-0274	EA	48 Volt DC, Multi Zone Power Supply With Housing, VPS-400US-48, Vesda® Aspirating Smoke Detection System (Ansul 430378)	2,090.80	257.55

21 Fire Suppression
21 20 Fire-Extinguishing Systems
21 22 Clean-Agent Fire-Extinguishing Systems

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0275			Blank Plates, Vesda® Aspirating Smoke Detection System (21 22 16 00-0266)		
21 22 16 00-0276	EA		Blank Plate Without VESDA Logo, VSP-300, Vesda® Aspirating Smoke Detection System (Ansul 430459)	30.74	4.33
21 22 16 00-0277	EA		Blank Plate With VESDA Logo, VSP-000, Vesda® Aspirating Smoke Detection System (Ansul 430458)	46.26	4.33
21 22 16 00-0278	EA		Blank Plate, EMC Painted Without Logo, VSP-200, Vesda® Aspirating Smoke Detection System (Ansul 430484)	67.23	8.18
21 22 16 00-0279	EA		Single Blank Plate, VRE-001, Vesda® Aspirating Smoke Detection System (Ansul 430446)	104.57	9.15
21 22 16 00-0280	EA		Double Blank Plate, VRE-002, Vesda® Aspirating Smoke Detection System (Ansul 430447)	131.78	18.29
21 22 16 00-0281	EA		Blank Plate Without FOK LED's And Logo, VSP-100, Vesda® Aspirating Smoke Detection System (Ansul 430480)	243.66	23.11
21 22 16 00-0282			Detectors, Vesda® Aspirating Smoke Detection System (21 22 16 00-0266)		
21 22 16 00-0283	EA		LaserPLUS, Detector Only, Enclosure, VLP-000, Vesda® Aspirating Smoke Detection System (Ansul 430350)	7,203.92	1,131.29
			Note: Includes 3 blank plates.		
21 22 16 00-0284	EA		LaserPLUS Detector, VLP-012, Vesda® Aspirating Smoke Detection System (Ansul 430354)	9,189.47	1,396.06
			Note: Includes centrally mounted LCD programmer module and standard display.		
21 22 16 00-0285	EA		LaserPLUS Detector, VLP-010, Vesda® Aspirating Smoke Detection System (Ansul 430356)	8,309.90	1,275.71
			Note: Includes centrally mounted LCD programmer.		
21 22 16 00-0286	EA		7-Relay Version, LaserSCANNER Detector Only, VLS-200, Vesda® Aspirating Smoke Detection System (Ansul 430357)	11,551.14	1,684.90
21 22 16 00-0287	EA		12-Relay Version, LaserSCANNER Detector Only, VLS-300, Vesda® Aspirating Smoke Detection System (Ansul 430358)	12,161.71	1,781.19
21 22 16 00-0288	EA		7-Relay Version, LaserSCANNER Detector Only, VLS-600, Vesda® Aspirating Smoke Detection System (Ansul 430359)	11,678.47	1,708.97
			Note: Includes 1 fire alarm (any SCT) and OK/FOK LEDs.		
21 22 16 00-0289	EA		12-Relay Version, LaserSCANNER Detector Only, VLS-700, Vesda® Aspirating Smoke Detection System (Ansul 430360)	12,333.92	1,805.26
			Note: Includes 1 fire alarm (any SCT) and OK/FOK LED.		
21 22 16 00-0290	EA		7-Relay, LaserSCANNER Detector Only, VLS-204, Vesda® Aspirating Smoke Detection System (Ansul 430361)	12,687.20	1,877.46
			Note: Includes 2 blank plates and scan display module at far right.		
21 22 16 00-0291	EA		12-Relay, LaserSCANNER Detector, VLS-304, Vesda® Aspirating Smoke Detection System (Ansul 430363)	13,238.31	1,973.75
			Note: Includes 2 blank plates and scanner display.		
21 22 16 00-0292	EA		7-Relay, LaserSCANNER Detector, VLS-214, Vesda® Aspirating Smoke Detection System (Ansul 430365)	13,914.47	2,070.02
			Note: Includes centrally mounted programmer module.		
21 22 16 00-0293	EA		12-Relay, LaserSCANNER Detector, VLS-314, Vesda® Aspirating Smoke Detection System (Ansul 430367)	14,508.97	2,166.31
			Note: Includes centrally mounted LCD programmer module and scanner display module.		
21 22 16 00-0294	EA		12-Relay, LaserSCANNER Detector, VLS-310, Vesda® Aspirating Smoke Detection System (Ansul 430369)	13,632.95	1,973.75
			Note: Includes centrally mounted LCD programmer.		
21 22 16 00-0295			Displays, Vesda® Aspirating Smoke Detection System (21 22 16 00-0266)		
21 22 16 00-0296	EA		VRT-200 Display, Standard Version, Vesda® Aspirating Smoke Detection System (Ansul 430381)	2,188.01	264.77
			Note: Includes a remote termination card and 7 relays.		
21 22 16 00-0297	EA		VRT-400 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430385)	2,198.63	264.77
			Note: Includes a remote termination card and 7 relays.		
21 22 16 00-0298	EA		VRT-600 Display, Standard Version, Vesda® Aspirating Smoke Detection System (Ansul 430383)	1,981.57	240.70
			Note: Includes a remote termination card without relays.		
21 22 16 00-0299	EA		VRT-700 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430387)	1,993.90	240.70
			Note: Includes a remote termination card.		
21 22 16 00-0300	EA		VRT-800 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430389)	2,464.19	288.84
			Note: Includes a remote termination card and 12 relays.		
21 22 16 00-0301	EA		VRT-K00 Display, Compact Version Without Relays, Vesda® Aspirating Smoke Detection System (Ansul 430391)	2,094.28	250.33
21 22 16 00-0302	EA		VRT-J00 Display, Compact Version With 7 Relays, Vesda® Aspirating Smoke Detection System (Ansul 430393)	2,292.83	281.14
21 22 16 00-0303			Intelligent Addressable Devices, Vesda® Aspirating Smoke Detection System (21 22 16 00-0266)		
21 22 16 00-0304	EA		LaserCOMPACT (VN), VESDAnet Version Plus Relay Output, VLC-505, Vesda® Aspirating Smoke Detection System (Ansul 430370)	5,508.20	794.31
21 22 16 00-0305	EA		LaserCOMPACT (RO), Relay Only Version, VLC-500, Vesda® Aspirating Smoke Detection System (Ansul 430372)	4,535.53	635.45
21 22 16 00-0306	EA		Programmer With Remote Termination Card, VRT-100, Vesda® Aspirating Smoke Detection System (Ansul 430380)	1,604.38	240.70
21 22 16 00-0307	EA		VESDAnet Socket, VRT-300, Vesda® Aspirating Smoke Detection System (Ansul 430395)	1,154.19	156.46
21 22 16 00-0308	EA		System Relay Module, VRT-S07, Vesda® Aspirating Smoke Detection System (Ansul 430399)	1,607.73	210.85
21 22 16 00-0309	EA		PC-Link High-Level Interface, VHX-0200, Vesda® Aspirating Smoke Detection System (Ansul 430442)	2,314.19	259.96
			Note: Interface connects PC and LaserPLUS system.		
21 22 16 00-0310	EA		Modem Cable, PC-HLI To Modem Connection, VHX-00090, Vesda® Aspirating Smoke Detection System (Ansul 430443)	303.23	38.99
21 22 16 00-0311	EA		Hand-Held Programmer, VHH-1000, Vesda® Aspirating Smoke Detection System (Ansul 430444)	2,026.67	240.70
21 22 16 00-0312	EA		Programmer Module, VSP-001, Vesda® Aspirating Smoke Detection System (Ansul 430460)	1,448.93	199.78
21 22 16 00-0313	EA		VESDAnet Socket Kit, VSP-003, Vesda® Aspirating Smoke Detection System (Ansul 430463)	1,137.82	154.05
21 22 16 00-0314	EA		Standard Display Module, VSP-002, Vesda® Aspirating Smoke Detection System (Ansul 430461)	1,451.24	199.78
21 22 16 00-0315	EA		Scanner Display Module, VSP-004, Vesda® Aspirating Smoke Detection System (Ansul 430464)	1,448.93	199.78
21 22 16 00-0316	EA		Remote Display Module, Compact (VN), VSP-502, Vesda® Aspirating Smoke Detection System (Ansul 430487)	1,432.20	187.75
21 22 16 00-0317	EA		Filter Cartridge, VSP-005, Vesda® Aspirating Smoke Detection System (Ansul 430466)	170.48	16.85
21 22 16 00-0318	EA		Detector Chassis Assembly, VSP-006, Vesda® Aspirating Smoke Detection System (Ansul 430467)	6,920.78	924.29
21 22 16 00-0319	EA		Scanner Chassis Assembly, VSP-009, Vesda® Aspirating Smoke Detection System (Ansul 430470)	12,059.84	1,617.51
21 22 16 00-0320	EA		Aspirator For LaserPLUS And Laser Scanner, VSP-015, Vesda® Aspirating Smoke Detection System (Ansul 430475)	942.10	120.35
21 22 16 00-0321	EA		Filter Cover, VSP-019, Vesda® Aspirating Smoke Detection System (Ansul 430477)	21.42	2.41
21 22 16 00-0322	EA		Cover Screws, 17606, Vesda® Aspirating Smoke Detection System (Ansul 430478)	12.04	0.48
21 22 16 00-0323	EA		US Power Supply Circuit Board Only, VSP-100, Vesda® Aspirating Smoke Detection System (Ansul 430481)	519.18	69.80
21 22 16 00-0324	EA		Relay Processor Module (DRP), VSP-102, Vesda® Aspirating Smoke Detection System (Ansul 430483)	629.00	84.72
21 22 16 00-0325	EA		Aspirator, LaserCOMPACT, VSP-501, Vesda® Aspirating Smoke Detection System (Ansul 430486)	908.03	122.76

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0326 EA RO-Cable For LaserCOMPACT Relay Only, (RO) Version, VSP-509, Vesda® Aspirating Smoke Detection System (Ansul 430488).....	133.81	18.29
21 22 16 00-0327 EA Miniature Sampling Point, E700-SP, Vesda® Aspirating Smoke Detection System (Ansul 430502).....	20.95	3.85
21 22 16 00-0328 Labels And Decals, Vesda® Aspirating Smoke Detection System (21 22 16 00-0266)		
21 22 16 00-0329 EA Sampling Point Labels, Roll Of 35, E700-SP-DCL-PIPE, Vesda® Aspirating Smoke Detection System (Ansul 430509).....	19.00	2.89
21 22 16 00-0330 EA Round Point Label, Roll Of 50, E700-SP-DCL-PNT, Vesda® Aspirating Smoke Detection System (Ansul 430505).....	19.97	3.37
21 22 16 00-0331 EA Red, Round, Miniature Sampling Point Label, Sheet Of 12, E700-SPLR, Vesda® Aspirating Smoke Detection System (Ansul 430506).....	30.74	4.33
21 22 16 00-0332 EA Grey, Round, Miniature Sampling Point Label, Sheet Of 12, E700-SPLG, Vesda® Aspirating Smoke Detection System (Ansul 430507).....	30.78	4.33
21 22 16 00-0333 EA Sampling Point Decal, Wrap-Around Style, Roll Of 200, E700-SP-DCL, Vesda® Aspirating Smoke Detection System (Ansul 430508).....	111.64	16.37
21 22 16 00-0334 Mounting Hardware, Vesda® Aspirating Smoke Detection System (21 22 16 00-0266)		
21 22 16 00-0335 EA Remote Mounting Single Box With Escutcheon Only, VKT-000, Vesda® Aspirating Smoke Detection System (Ansul 430456).....	275.37	34.66
21 22 16 00-0336 EA Recessed Mounting Kit For Remote Single Boxes, VSP-012, Vesda® Aspirating Smoke Detection System (Ansul 430472).....	370.98	46.21
21 22 16 00-0337 EA Recessed Mounting Kit For VLP Or VLS Detector, VSP-011, Vesda® Aspirating Smoke Detection System (Ansul 430471).....	379.73	50.55
21 22 16 00-0338 EA Remote 19 Sub Rack With 4 Blank Plates, VSR-0000, Vesda® Aspirating Smoke Detection System (Ansul 430457).....	920.75	72.21
21 22 16 00-0339 EA Sub Rack Enclosure, VRE-100, Vesda® Aspirating Smoke Detection System (Ansul 430445).....	1,358.16	158.87
21 22 16 00-0340 Pipe And Fittings, Vesda® Aspirating Smoke Detection System (21 22 16 00-0266)		
21 22 16 00-0341 LF 3/4", Orange Chlorinated Polyvinyl Chloride (CPVC) Pipe, Vesda® Aspirating Smoke Detection System (Ansul 430491).....	4.92	1.39
21 22 16 00-0342 EA 3/4", End Cap, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430497).....	8.18	2.80
21 22 16 00-0343 EA 3/4", 45 Degree Elbow, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430494).....	22.13	8.39
21 22 16 00-0344 EA 3/4", 90 Degree Elbow, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430493).....	23.00	8.39
21 22 16 00-0345 EA 3/4", Coupling, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430495).....	15.95	5.59
21 22 16 00-0346 EA 3/4", Union, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430496).....	26.03	8.39
21 22 16 00-0347 EA 3/4", Tee, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430498).....	34.17	12.58
21 22 16 00-0348 EA 3/4" x 1/2" FPT, Tee, Chlorinated Polyvinyl Chloride (CPVC), Vesda® Aspirating Smoke Detection System (Ansul 430499).....	43.28	14.76
21 22 16 00-0349 LF 1/2" OD x 3/8" ID, Black Polyethylene Tubing, Vesda® Aspirating Smoke Detection System (Ansul 430500).....	5.06	1.74
21 22 16 00-0350 EA Pipe Adapters, Metric-To-Imperial, VSP-021, Vesda® Aspirating Smoke Detection System (Ansul 430479).....	20.07	5.30
21 22 16 00-0351 EA Capillary Kit, 1 Male 1/2" TH x 1/2" OD, 1 Female 1/2" OD, Plastic, E700-CAP KIT, Vesda® Aspirating Smoke Detection System (Ansul 430503).....	24.34	3.85
21 22 16 00-0352 EA Capillary Kit, 1 Male 1/2" TH x 1/2" OD, 1 Female 1/2" OD, Brass, Vesda® Aspirating Smoke Detection System (Ansul 430504).....	34.89	5.30
21 22 16 00-0353 Remote Termination And Relay Cards, Vesda® Aspirating Smoke Detection System (21 22 16 00-0266)		
21 22 16 00-0354 EA VRT-500, Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430396).....	1,588.79	184.86
Note: Remote box includes 7 relays for VLP/VLC.		
21 22 16 00-0355 EA VN, Compact Termination Card, VSP-515, Vesda® Aspirating Smoke Detection System (Ansul 430490).....	1,621.05	212.78
21 22 16 00-0356 EA 12-Relay, Remote Termination Card, VSP-208, Vesda® Aspirating Smoke Detection System (Ansul 430485).....	981.28	129.98
21 22 16 00-0357 EA RO, Compact Termination Card, VSP-510, Vesda® Aspirating Smoke Detection System (Ansul 430489).....	1,121.13	146.83
21 22 16 00-0358 EA VRT-501, Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430397).....	1,588.79	184.86
Note: Remote box includes 7 relays for VLS.		
21 22 16 00-0359 EA VRT-900 Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430398).....	1,916.57	212.78
Note: Remote box includes 12 relays for VLS.		
21 22 16 00-0360 EA Remote Termination Card Without Relay, VSP-007, Vesda® Aspirating Smoke Detection System (Ansul 430468).....	544.01	65.47
21 22 16 00-0361 EA Remote Termination Card (RTC7), VSP-008, Vesda® Aspirating Smoke Detection System (Ansul 430469).....	818.34	100.13
21 22 16 00-0362 EA 7-Relay, Head Termination Card, VSP-014, Vesda® Aspirating Smoke Detection System (Ansul 430474).....	1,542.44	207.01
21 22 16 00-0363 EA 12-Relay, Head Termination Card, VSP-016, Vesda® Aspirating Smoke Detection System (Ansul 430476).....	2,262.76	303.28
21 22 16 00-0364 Preferred® Low Pressure CO2 System (21 22 16 00-0001)		
21 22 16 00-0365 Manual Pull Stations, Preferred® Low Pressure CO2 System (21 22 16 00-0364)		
21 22 16 00-0366 EA Addressable, DPST, Dual Action Pull Station, Preferred® Low Pressure CO2 System (Ansul 428658).....	122.18	16.85
Note: Excludes FMM-101.		
21 22 16 00-0367 EA Weatherproof Backbox For Manual Pull Stations, Preferred® Low Pressure CO2 System (Ansul 428659).....	91.39	12.52
21 22 16 00-0368 Industrial Fire Control System (21 22 16 00-0001)		
21 22 16 00-0369 Alarm Devices, Industrial Fire Control System (21 22 16 00-0368)		
21 22 16 00-0370 EA Explosion Proof Alarm Horn, Alarm Devices, Industrial Fire Control System (Ansul 65947).....	2,959.70	444.09

21 Fire Suppression
21 20 Fire-Extinguishing Systems
21 22 Clean-Agent Fire-Extinguishing Systems

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

21 22 16 00-0371	EA	6", 115 Volt AC Alarm Bell For Release Systems, Alarm Devices, Industrial Fire Control System (Ansul 24751).....	90.32	10.20
21 22 16 00-0372	EA	24 Volt AC, Multitone Horn, Alarm Devices, Industrial Fire Control System (Ansul 429697)	89.39	13.24
21 22 16 00-0373	EA	Weatherproof Surface Back Box For Horn And Strobe, Alarm Devices, Industrial Fire Control System (Ansul 429700)	53.25	7.95
21 22 16 00-0374	EA	Semi-Flush Plate, Alarm Devices, Industrial Fire Control System (Ansul 429701)	21.76	3.22
21 22 16 00-0375		Manual Pull Stations, Industrial Fire Control System (21 22 16 00-0368)		
21 22 16 00-0376	EA	SPST, Dual Action Pull Station, Industrial Fire Control System (Ansul 428655).....	100.96	13.96
21 22 16 00-0377	EA	DPST, Dual Action Pull Station, Industrial Fire Control System (Ansul 428656).....	142.36	19.73
21 22 16 00-0378	EA	Explosion Proof, DPDT, Dual Action Pull Station, Industrial Fire Control System (Ansul 428657)	1,111.51	155.01
21 22 16 00-0379	EA	Surface Mounted Backbox For Manual Pull Stations, Industrial Fire Control System (Ansul 428660).....	32.31	4.47
21 22 16 00-0380	EA	Extra Pull Station Labels For Manual Pull Stations, Industrial Fire Control System (Ansul 428654).....	14.48	1.99
21 22 16 00-0381		Marine Fire Control System (21 22 16 00-0001)		
21 22 16 00-0382		Alarm Devices, Marine Fire Control System (21 22 16 00-0381)		
21 22 16 00-0383	EA	Weatherproof Surface Mount Back Box For Alarm Accessories, Alarm Devices, Marine Fire Control System (Ansul 24747)	58.56	8.09
21 22 16 00-0384	EA	6", 24 Volt DC, Alarm Bell, Alarm Devices, Marine Fire Control System (Ansul 417805)	107.96	15.64
21 22 16 00-0385	EA	10", 24 Volt DC, Alarm Bell, Alarm Devices, Marine Fire Control System (Ansul 417806)	107.96	15.64
21 22 16 00-0386		FM200 System Equipment (21 22 16)		
21 22 16 00-0387	EA	26 LB Cylinder, Filled, For FM200 Fire Protection system	3,494.15	116.12
21 22 16 00-0388	EA	44 LB Cylinder, Filled, For FM200 Fire Protection system	5,010.49	132.96
21 22 16 00-0389	EA	63 LB Cylinder, Filled, For FM200 Fire Protection system	5,947.70	156.76
21 22 16 00-0390	EA	101 LB Cylinder, Filled, For FM200 Fire Protection system	7,883.83	185.79
21 22 16 00-0391	EA	196 LB Cylinder, Filled, For FM200 Fire Protection system	12,325.98	232.24
21 22 16 00-0392	EA	Electro/Mechanical Release, For FM200 Fire Protection system	761.02	232.24
21 22 16 00-0393	EA	Manual Pull Station, For FM200 Fire Protection system	265.62	77.22
21 22 16 00-0394	EA	Pneumatic Damper Release, For FM200 Fire Protection system	326.17	58.06
21 22 16 00-0395	EA	FM200 Gas	27.14	
21 22 16 00-0396	EA	Master Cylinder, For FM200 Fire Protection system	5,707.59	62.47
21 22 16 00-0397	EA	Shuttle Check Valve, For FM200 Fire Protection system	816.20	87.32
21 22 16 00-0398	EA	Flex Head Cylinder, For FM200 Fire Protection system	813.08	93.60
21 22 16 00-0399	EA	Nozzles, For FM200 Fire Protection system	202.11	33.09
21 22 16 00-0400	EA	Cylinder Support, For FM200 Fire Protection system	235.76	62.47
21 22 16 00-0401	EA	Solenoid Valve, For FM200 Fire Protection system	1,054.69	93.60
21 22 16 00-0402	EA	Battery Back-Up, For FM200 Fire Protection system	786.80	246.87
21 22 16 00-0403	EA	Control Panel, Single Zone, For FM200 Fire Protection system	4,139.96	463.78
21 22 16 00-0404	EA	Control Panel, Multi Zone, For FM200 Fire Protection system	6,700.76	928.60
21 22 16 00-0405	EA	Smoke Or Heat Detector, For FM200 Fire Protection system	330.23	93.60
21 22 16 00-0406	EA	Annunciator, For FM200 Fire Protection system	3,353.75	351.49
21 22 16 00-0407	EA	Pressure Switch, For FM200 Fire Protection system	358.73	93.60
21 22 16 00-0408	EA	Alarm Horn, For FM200 Fire Protection system	327.48	93.60
21 22 16 00-0409	EA	Testing, For FM200 Fire Protection system	1,513.27	
21 22 16 00-0410	EA	Abort Switch, For FM200 Fire Protection system	227.28	43.54

21 23 Wet-Chemical Fire-Extinguishing Systems (21 20)

21 23 16 Wet-Chemical Fire-Extinguishing Equipment (21 23)

21 23 16 00-0001		Kidde Fire Systems (21 23 16)		
		Note: Kidde or equal.		
21 23 16 00-0002		Cylinders And Hardware (21 23 16 00-0001)		
21 23 16 00-0003	EA	125 Cylinder And Valve Assembly With 1.25 Gallon Of Wet Agent.....	771.28	96.20
21 23 16 00-0004	EA	260 Cylinder And Valve Assembly With 2.6 Gallon Of Wet Agent.....	890.34	119.81
21 23 16 00-0005	EA	400S And M Cylinder And Valve Assembly With 4 Gallon Of Wet Agent	1,091.48	147.82
21 23 16 00-0006	EA	600 And L Cylinder And Valve Assembly With 6 Gallon Of Wet Agent.....	1,289.26	175.40
21 23 16 00-0007	EA	Discharge Adapter Kit (One Required Per Cylinder).....	43.07	5.03
21 23 16 00-0008	EA	System Valve Actuator.....	155.58	19.99
21 23 16 00-0009	EA	Vent Plug	29.32	4.06
21 23 16 00-0010	EA	Gauge Shield	91.15	10.69
21 23 16 00-0011	EA	125 Cylinder Wall Mounting Bracket.....	80.35	10.69
21 23 16 00-0012	EA	260 Cylinder Wall Mounting Bracket.....	85.18	11.33
21 23 16 00-0013	EA	400S And M Cylinder Wall Mounting Bracket	161.82	21.38
21 23 16 00-0014	EA	600 And 400M Cylinder Shelf Bracket	160.51	24.27
21 23 16 00-0015	EA	600 And 400M Cylinder Floor Mounting Kit	269.91	24.32
21 23 16 00-0016	EA	125 And 260 Cylinder Replacement Bracket Strap.....	36.60	
21 23 16 00-0017	EA	400 And 600 Cylinder Replacement Bracket Strap.....	38.60	
21 23 16 00-0018		Nozzles And Accessories (21 23 16 00-0001)		
21 23 16 00-0019	EA	ADP, F, GRW Or R Nozzle	72.14	9.83
21 23 16 00-0020	EA	LPF Or DM Nozzle.....	78.03	9.83
21 23 16 00-0021	EA	LPR Nozzle.....	90.18	9.83
21 23 16 00-0022	EA	3/8" Swivel Adapter For Nozzles.....	53.94	6.95
21 23 16 00-0023	EA	Removal And Replacement Of Nozzle Seals.....	8.52	
21 23 16 00-0024	EA	Chrome Nozzle Disc Cap.....	5.24	0.64
21 23 16 00-0025	EA	LPR Nozzle Disc Cap	35.51	9.78

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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21 23 16 00-0026 Control Systems <small>(21 23 16 00-0001)</small>						
21 23 16 00-0027	EA			XV Control System Note: Includes (1) SVA, (1) system cartridge, (1) test cartridge, (1) EMT connector kit, (1) SPDT microswitch kit, and (1) SPDT microswitch kit.	1,146.90	64.13
21 23 16 00-0028	EA			7-1/2" High Pressure Hose (Required for cylinder mounted XV Control System).....	97.13	10.69
21 23 16 00-0029	EA			24" High Pressure Hose	115.07	10.69
21 23 16 00-0030	EA			60" High Pressure Hose	154.94	10.69
21 23 16 00-0031	EA			XV Solenoid Kit (Electric Actuator), 24 Volt DC	224.15	21.38
21 23 16 00-0032	EA			XV Microswitch Kit, SPDT	73.92	10.04
21 23 16 00-0033	EA			XV Microswitch Kit, SPDT, Terminal Type, For Alarm/Release	79.90	10.04
21 23 16 00-0034	EA			EMT Connector Kit (EMT Connector And O-Ring)	31.99	8.02
21 23 16 00-0035	EA			KRS-50 Control Box Assembly	644.97	41.42
				Note: Includes (1) SVA, (2) CO2 cartridges, (2) set screws, (1) grommet, (1) cover label, and (1) exhaust fan caution label.		
21 23 16 00-0036	EA			SPDT Microswitch For KRS-50.....	75.49	10.04
21 23 16 00-0037	EA			DPDT Microswitch For KRS-50	136.26	17.43
21 23 16 00-0038	EA			SPDT Pressure Switch (Fire Department Tie-In).....	419.42	55.90
21 23 16 00-0039 Mechanical Actuation Components <small>(21 23 16 00-0001)</small>						
21 23 16 00-0040	EA			Universal Detector Link Housing Kit, Mechanical Actuation Systems..... Note: Includes (1) bracket (11-3/4"), (2) "S" hook, and (2) cable crimp sleeves.	52.10	16.04
21 23 16 00-0041	EA			XV Low Profile Link Detector Housing Kit..... Note: Includes (1) bracket, (2) 1/2" EMT connectors, (4) cable crimp sleeves, and (1) S hook.	83.89	16.04
21 23 16 00-0042	EA			XV Or KRS-50 Remote Manual Release, Combination Pull-To-Trip/Release-To-Trip.....	228.69	10.69
21 23 16 00-0043	EA			XV Remote Manual Release, Pull-To-Trip	174.87	10.69
21 23 16 00-0044	EA			Corner Pulley, Mechanical Actuation Systems	21.09	2.88
21 23 16 00-0045	EA			Double Tee Pulley, Mechanical Actuation Systems	281.60	17.64
21 23 16 00-0046	EA			In-Line Tee Pulley, Mechanical Actuation Systems	35.28	4.70
21 23 16 00-0047	EA			Corner Pulley / Quik-Seal Adapter Combination.....	92.42	5.35
21 23 16 00-0048	LF			1/16" Cable, Mechanical Actuation Systems	2.51	1.07
21 23 16 00-0049	EA			Cable Clamp	13.03	0.53
21 23 16 00-0050	EA			Cable Crimp Sleeve, Mechanical Actuation Systems	1.50	0.42
21 23 16 00-0051	EA			"S" Hook, Mechanical Actuation Systems.....	1.46	0.42
21 23 16 00-0052	EA			1/2" EMT x 3/8" NPT Adapter, Mechanical Actuation Systems.....	75.24	9.94
21 23 16 00-0053 Mechanical Detection Links <small>(21 23 16 00-0001)</small>						
21 23 16 00-0054	EA			KGS Standard Response Link.....	17.53	5.35
21 23 16 00-0055	EA			KGS Rapid Response Link	24.37	5.35
21 23 16 00-0056	EA			KFA Type "A" Fusible Link.....	21.30	5.35
21 23 16 00-0057	EA			KML Type "ML" Fusible Link.....	24.64	5.35
21 23 16 00-0058	EA			500 Degree, KML Type "ML" Fusible Link	36.60	5.35
21 23 16 00-0059 Gas Valves <small>(21 23 16 00-0001)</small>						
21 23 16 00-0060	EA			3/4" NPT Mechanical Cable Operated Gas Shut-off Valve	330.26	23.09
21 23 16 00-0061	EA			1" NPT Mechanical Cable Operated Gas Shut-off Valve	361.05	28.43
21 23 16 00-0062	EA			1-1/4" NPT Mechanical Cable Operated Gas Shut-off Valve.....	416.15	35.91
21 23 16 00-0063	EA			1-1/2" NPT Mechanical Cable Operated Gas Shut-off Valve.....	457.53	41.36
21 23 16 00-0064	EA			2" NPT Mechanical Cable Operated Gas Shut-off Valve	496.13	48.85
21 23 16 00-0065	EA			2-1/2" NPT Mechanical Cable Operated Gas Shut-off Valve	818.25	71.40
21 23 16 00-0066	EA			3" NPT Mechanical Cable Operated Gas Shut-off Valve	915.07	82.62
21 23 16 00-0067	EA			Pneumatic Release (Single Unit).....	375.08	26.08
21 23 16 00-0068	EA			Removal And Replacement Of Cable Block And Set Screw Assembly For Gas Valve	59.89	
21 23 16 00-0069	EA			1/2" Electric Solenoid Gas Shut-off Valve	343.55	21.49
21 23 16 00-0070	EA			3/4" Electric Solenoid Gas Shut-off Valve.....	346.77	23.09
21 23 16 00-0071	EA			1" Electric Solenoid Gas Shut-off Valve.....	531.99	28.43
21 23 16 00-0072	EA			1-1/4" Electric Solenoid Gas Shut-off Valve.....	565.87	35.91
21 23 16 00-0073	EA			1-1/2" Electric Solenoid Gas Shut-off Valve.....	649.69	41.36
21 23 16 00-0074	EA			2" Electric Solenoid Gas Shut-off Valve	833.29	48.85
21 23 16 00-0075	EA			2-1/2" Electric Solenoid Gas Shut-off Valve.....	1,373.51	71.40
21 23 16 00-0076	EA			3" Electric Solenoid Gas Shut-off Valve	1,722.62	82.62
21 23 16 00-0077	EA			Manual Reset Relay	503.70	107.42
21 23 16 00-0078 Liquid Tight Sealing Adapters <small>(21 23 16 00-0001)</small>						
21 23 16 00-0079	EA			3/8" Tubing, Compression Seal Adapter	38.44	4.49
21 23 16 00-0080	EA			1/2" Tubing, 1/4" Pipe, Compression Seal Adapter	38.05	4.92
21 23 16 00-0081	EA			5/8" Tubing, 3/8" Pipe, Compression Seal Adapter	44.74	5.88
21 23 16 00-0082	EA			3/4" Tubing, 1/2" Pipe, Compression Seal Adapter	51.42	6.31
21 23 16 00-0083	EA			1/2" Electrical Metallic Tubing (EMT), Compression Seal Adapter	44.74	5.88
21 23 16 00-0084	EA			3/8" NPT Female, Quik-Seal Adapter	38.05	4.92
21 23 16 00-0085	EA			1/2" NPT Female, Quik-Seal Adapter	38.05	4.92
21 23 16 00-0086	EA			3/4" NPT Female, Quik-Seal Adapter	62.62	8.34
21 23 16 00-0087	EA			1" NPT Female, Quik-Seal Adapter	83.34	11.01
21 23 16 00-0088	EA			Quik-Patch For Hole Patching Up To 1-1/8" Diameter.....	38.05	
21 23 16 00-0089 Pressure Operated Releasing Systems <small>(21 23 16 00-0001)</small>						
21 23 16 00-0090	EA			KRS-100 Nitrogen Cylinder	275.54	32.28
21 23 16 00-0091	EA			KRS-100 Actuator Assembly	248.55	32.92
21 23 16 00-0092	EA			KRS-100 Mounting Bracket	188.27	8.12
21 23 16 00-0093	EA			KRS-700S Nitrogen Cylinder	713.12	93.10

21 Fire Suppression**21 20 Fire-Extinguishing Systems****21 23 Wet-Chemical Fire-Extinguishing Systems**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

21 23 16 00-0094	EA	KRS-700 Mounting Bracket	151.84	19.89
21 23 16 00-0095	EA	KRS-700S Discharge Adapter Kit	225.93	19.89
21 23 16 00-0096	EA	Check Valve, Pressure Operated Releasing Systems	221.52	14.11
21 23 16 00-0097	EA	Vent Check, Pressure Operated Releasing Systems	69.92	8.98
21 23 16 00-0098	EA	Removal And Replacement Of Receiver Gasket For KRS-100 Actuator Assembly	9.16	
21 23 16 00-0099	EA	3 Pole, Double Throw Pressure Switch.....	571.69	74.82
21 23 16 00-0100 Pyro-Chem Kitchen Fire Suppression Systems (21 23 16)				
21 23 16 00-0101 Cylinders, Kitchen Fire Suppression Systems (21 23 16 00-0100)				
21 23 16 00-0102	EA	3.0 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551194)	876.66	75.89
21 23 16 00-0103	EA	4.6 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551193)	1,262.78	109.35
21 23 16 00-0104	EA	6.0 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551196)	1,657.85	149.53
21 23 16 00-0105	EA	Cylinder Mounting Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550053)	179.49	17.85
21 23 16 00-0106	EA	Enclosure With Mechanical Control Unit, Kitchen Fire Suppression Systems (Pyro-Chem 551208)	1,181.77	116.72
21 23 16 00-0107	EA	Enclosure For Secondary Cylinders, Kitchen Fire Suppression Systems (Pyro-Chem 550966)	721.54	71.19
21 23 16 00-0108 Fusible Links, Kitchen Fire Suppression Systems (21 23 16 00-0100)				
21 23 16 00-0109	EA	165 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551522)	23.30	2.35
21 23 16 00-0110	EA	212 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551523)	23.30	2.35
21 23 16 00-0111	EA	280 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551524)	23.86	2.35
21 23 16 00-0112	EA	360 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551525)	23.30	2.35
21 23 16 00-0113	EA	450 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551526)	23.30	2.35
21 23 16 00-0114	EA	500 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551527)	25.35	2.35
21 23 16 00-0115	EA	Fusible Link Kit With 10" Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550131)	40.36	3.96
21 23 16 00-0116	EA	Fusible Link Kit With 8" Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550132)	52.38	5.24
21 23 16 00-0117	EA	Fusible Link Hanger, Kitchen Fire Suppression Systems (Pyro-Chem 550876)	62.78	27.04
21 23 16 00-0118	EA	225 To 600 Fahrenheit, Electrical Thermal Detector, Kitchen Fire Suppression Systems (Pyro-Chem 13970-6)	503.37	60.18
21 23 16 00-0119 Gas Valves, Kitchen Fire Suppression Systems (21 23 16 00-0100)				
21 23 16 00-0120	EA	3/4" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550593)	422.27	23.09
21 23 16 00-0121	EA	1" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550594)	480.84	28.43
21 23 16 00-0122	EA	1-1/4" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550595)	518.65	35.91
21 23 16 00-0123	EA	1-1/2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550596)	570.41	41.26
21 23 16 00-0124	EA	2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 551049)	656.08	48.74
21 23 16 00-0125	EA	2-1/2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550185)	1,530.96	71.29
21 23 16 00-0126	EA	3" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550186)	1,633.24	82.51
21 23 16 00-0127	EA	3/4" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550358)	331.05	23.09
21 23 16 00-0128	EA	1" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550359)	565.21	28.43
21 23 16 00-0129	EA	1-1/4" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550360)	589.32	35.91
21 23 16 00-0130	EA	1-1/2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550361)	670.72	41.26
21 23 16 00-0131	EA	2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550362)	929.68	48.74
21 23 16 00-0132	EA	2-1/2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550363)	1,799.97	71.29
21 23 16 00-0133	EA	3" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 17643)	1,897.73	82.51
21 23 16 00-0134 Nozzles, Kitchen Fire Suppression Systems (21 23 16 00-0100)				
21 23 16 00-0135	EA	Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem)	83.56	7.91
21 23 16 00-0136	EA	Swivel Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem)	118.75	10.04
21 23 16 00-0137	EA	Stainless Steel Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem)	460.64	10.04
21 23 16 00-0138 Actuating Cylinders/Cartridges, Kitchen Fire Suppression Systems (21 23 16 00-0100)				
21 23 16 00-0139	EA	Carbon Dioxide Actuation Cartridge, Kitchen Fire Suppression Systems (Pyro-Chem 551059)	30.84	3.10
21 23 16 00-0140	EA	PAC-10, Pneumatic Actuating Cylinder, Kitchen Fire Suppression Systems (Pyro-Chem 550104)	1,010.17	100.36
21 23 16 00-0141	EA	PAC-200, Pneumatic Actuating Cylinder, Kitchen Fire Suppression Systems (Pyro-Chem 550690)	1,287.20	128.37
21 23 16 00-0142 Circuit Monitors, Kitchen Fire Suppression Systems (21 23 16 00-0100)				
21 23 16 00-0143	EA	24 Volt DC, System Circuit Monitor/Gas Valve Reset Relay, Kitchen Fire Suppression Systems (Pyro-Chem 550303)	660.35	65.73
21 23 16 00-0144	EA	120 Volt AC, System Circuit Monitor/Gas Valve Reset Relay, Kitchen Fire Suppression Systems (Pyro-Chem 550302)	796.79	79.20
21 23 16 00-0145 Control Heads, Kitchen Fire Suppression Systems (21 23 16 00-0100)				
21 23 16 00-0146	EA	Mechanical Control Head, No Local Action, Kitchen Fire Suppression Systems (Pyro-Chem 551203)	728.56	72.47
21 23 16 00-0147	EA	Mechanical Control Head With Local Action, Kitchen Fire Suppression Systems (Pyro-Chem 551200)	760.39	75.78
21 23 16 00-0148	EA	24 Volt DC, Electrical Control Head With Local Actuation, Kitchen Fire Suppression Systems (Pyro-Chem 551201)	990.51	98.55
21 23 16 00-0149	EA	120 Volt AC Electrical Control Head With Local Actuation, Kitchen Fire Suppression Systems (Pyro-Chem 551202)	1,136.24	113.30
21 23 16 00-0150	EA	Control Head Mounting Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550853)	92.29	9.20
21 23 16 00-0151 Corner Pulleys/Tees, Kitchen Fire Suppression Systems (21 23 16 00-0100)				
21 23 16 00-0152	EA	Set Screw Type, Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 415670)	23.14	1.50
21 23 16 00-0153	EA	Compression Type, Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 423250)	23.82	1.92
21 23 16 00-0154	EA	Tee Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 550166)	74.00	7.37
21 23 16 00-0155	EA	Removal And Replacement Of Screw For Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 550272)	0.93	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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21 23 16 00-0156 Switches, Kitchen Fire Suppression Systems (21 23 16 00-0100)				
21 23 16 00-0157	EA	SPDT Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550227).....	80.48	8.02
21 23 16 00-0158	EA	DPDT Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550237).....	161.20	15.93
21 23 16 00-0159	EA	Four Pole Double Throw Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550978).....	341.15	33.78
21 23 16 00-0160 Wire Rope/Accessories, Kitchen Fire Suppression Systems (21 23 16 00-0100)				
21 23 16 00-0161	LF	1/16" Diameter Stainless Steel Wire Rope, Kitchen Fire Suppression Systems (Pyro-Chem 15821).....	1.64	0.32
21 23 16 00-0162	EA	Crimps For 1/16" Diameter Stainless Steel Wire Rope, Kitchen Fire Suppression Systems (Pyro-Chem 550122).....	0.96	0.32
21 23 16 00-0163	EA	High Temperature Stainless Steel Crimps, Kitchen Fire Suppression Systems (Pyro-Chem 551551).....	4.01	0.42
21 23 16 00-0164	EA	"S" Hooks, Kitchen Fire Suppression Systems (Pyro-Chem 550121).....	0.67	
21 23 16 00-0165 Replacement Parts, Kitchen Fire Suppression Systems (21 23 16 00-0100)				
21 23 16 00-0166	EA	Wet Valve Rebuilding Kit, Kitchen Fire Suppression Systems (Pyro-Chem 550698).....	76.45	7.70
21 23 16 00-0167	EA	Wet Valve Cap With Schrader Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550831).....	79.82	8.02
21 23 16 00-0168	EA	Wet Spring, Kitchen Fire Suppression Systems (Pyro-Chem 550705).....	9.35	0.97
21 23 16 00-0169	EA	225 psi, Wet Gauge, Kitchen Fire Suppression Systems (Pyro-Chem 551236).....	109.81	10.48
21 23 16 00-0170	EA	Wet Valve O-ring, Kitchen Fire Suppression Systems (Pyro-Chem 550716).....	15.38	1.50
21 23 16 00-0171	EA	Wet Piston, Kitchen Fire Suppression Systems (Pyro-Chem 550707).....	21.41	2.14
21 23 16 00-0172	EA	Wet Piston O-Ring, Kitchen Fire Suppression Systems (Pyro-Chem 550715).....	9.35	0.97
21 23 16 00-0173	EA	Wet Nozzle Cap, Kitchen Fire Suppression Systems (Pyro-Chem 551528).....	13.17	1.28
21 23 16 00-0174	EA	Wet Nozzle Strainer, Kitchen Fire Suppression Systems (Pyro-Chem 551529).....	12.88	1.28
21 23 16 00-0175	EA	Wet Nozzle Cap O-Ring, Kitchen Fire Suppression Systems (Pyro-Chem 551530).....	3.68	0.32
21 23 16 00-0176	EA	Removal And Replacement Of Teflon Washer For Control Head Actuator, Kitchen Fire Suppression Systems (Pyro-Chem 550257).....	6.24	
21 23 16 00-0177	EA	O-Ring Lubrication, Kitchen Fire Suppression Systems (Pyro-Chem 550063).....	119.24	
21 23 16 00-0178	EA	3.0 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 551024).....	813.25	
21 23 16 00-0179	EA	4.6 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 550902).....	1,055.29	
21 23 16 00-0180	EA	6.0 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 550901).....	1,218.59	
21 23 16 00-0181 Accessories, Kitchen Fire Suppression Systems (21 23 16 00-0100)				
21 23 16 00-0182	EA	3/8" Quickseal Adapter, Kitchen Fire Suppression Systems (Pyro-Chem 550857).....	37.45	3.64
21 23 16 00-0183	EA	1/2" Quickseal Adapter, Kitchen Fire Suppression Systems (Pyro-Chem 550859).....	38.79	3.85
21 23 16 00-0184	EA	Wet Valve Tool, Kitchen Fire Suppression Systems (Pyro-Chem 550788).....	74.70	7.37
21 23 16 00-0185	EA	Recharge Adapter Kit, Kitchen Fire Suppression Systems (Pyro-Chem 551240).....	105.70	
21 23 16 00-0186	EA	3.0 Gallon Of Wet Chemical For Recharge, Kitchen Fire Suppression Systems (Pyro-Chem 551188).....	227.20	
21 23 16 00-0187 Pull Stations/Accessories, Kitchen Fire Suppression Systems (21 23 16 00-0100)				
21 23 16 00-0188	EA	Mechanical, Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 551074).....	150.91	15.07
21 23 16 00-0189	EA	Electric, Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 551166).....	160.93	21.16
21 23 16 00-0190	EA	Trim Ring For Flush Mounting Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 550088).....	40.36	3.96
21 23 16 00-0191	EA	Glass Rods For Pull Stations, Kitchen Fire Suppression Systems (Pyro-Chem 428661).....	5.33	1.39
21 23 16 00-0192 Asco Gas Valve Control Panels (21 23 16)				
21 23 16 00-0193	EA	Relay Control Panel For AC Solenoid Valves (Asco 108D90C).....	2,442.20	235.15
21 23 16 00-0194	EA	Relay Control Panel For DC Solenoid Valves (Asco 108D10C).....	2,524.07	235.15
21 23 16 00-0195	EA	Master Control Station For Relay Control Panel For DC Solenoid Valves (Asco 216C89).....	823.00	53.44
21 23 16 00-0196	EA	Emergency Stop Station For Relay Control Panel (Asco 173A19).....	769.52	53.44

21 24 Dry-Chemical Fire-Extinguishing Systems (21 20)

21 24 16 Dry-Chemical Fire-Extinguishing Equipment (21 24)

21 24 16 00-0001 Amerex KP Restaurant Fire Suppression Systems (21 24 16)				
Note: Amerex or equal.				
21 24 16 00-0002	EA	3.75 Gallon, Charged, Agent Cylinder Assembly With Discharge Valve.....	492.36	82.95
21 24 16 00-0003	EA	6 Gallon, Charged, Agent Cylinder Assembly With Discharge Valve.....	680.63	104.58
21 24 16 00-0004	EA	Recharge - KP Liquid Agent (3.75 Gallon).....	161.65	
21 24 16 00-0005	EA	Recharge - KP Liquid Agent (6 Gallon).....	284.17	
21 24 16 00-0006	EA	3.75 Gallon, Bracket Assembly Agent Cylinder With Distribution Hose Assembly And Distribution Outlet.....	113.16	17.41
21 24 16 00-0007	EA	6 Gallon, Bracket Assembly Agent Cylinder.....	65.91	10.10
21 24 16 00-0008	EA	6 Gallon, 3/4 NPT, Agent Cylinder Discharge Adapter Kit.....	28.59	
21 24 16 00-0009	EA	6 Gallon, Pneumatic Actuator, Agent Cylinder.....	113.16	17.41
21 24 16 00-0010	EA	MRM Actuator (Less N2 Cylinder And Enclosure).....	284.17	43.65
21 24 16 00-0011	EA	Painted Steel, MRM Enclosure.....	151.44	23.22
21 24 16 00-0012	EA	Stainless Steel, MRM Enclosure.....	182.09	23.22
21 24 16 00-0013	EA	Stainless Steel, Single Cylinder System Cabinet.....	450.93	69.29
21 24 16 00-0014	EA	N2 - 1/4" x 16" Actuation Hose.....	34.03	5.23
21 24 16 00-0015	EA	10 CU. Inch, Nitrogen Cylinder.....	151.44	23.22
Note: Use For 1-10 Agent Cylinders				
21 24 16 00-0016	EA	Vent Check.....	27.23	4.18
21 24 16 00-0017	EA	Detector.....	20.42	3.13
Note: Includes bracket, linkage and conduit fittings.				
21 24 16 00-0018	EA	280 To 450 Degree F, Fusible Link.....	7.67	1.16
21 24 16 00-0019	EA	Test Link.....	2.89	
21 24 16 00-0020	EA	Corner Pulley.....	10.55	1.62
21 24 16 00-0021	EA	1/16", 500 Foot Spool, Cable.....	170.15	26.12
21 24 16 00-0022	EA	Pulley Tee.....	76.56	11.72
21 24 16 00-0023	EA	Manual Pull Station (Standard).....	68.06	10.45

21 Fire Suppression**21 20 Fire-Extinguishing Systems****21 24 Dry-Chemical Fire-Extinguishing Systems**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

21 24 16 00-0024	EA	Manual Pull Station, Adapter Kit (Recess Standard Pull Station)	31.93	4.87
21 24 16 00-0025	EA	Manual Pull Station (Oversized)	75.89	11.61
21 24 16 00-0026	EA	Conduit Offset	15.14	2.33
21 24 16 00-0027	EA	3/8" Pipe Thread, Seal (Quick-Seal)	20.86	3.25
21 24 16 00-0028	EA	1/2" Pipe Thread, Seal (Quick-Seal)	17.02	2.67
21 24 16 00-0029	EA	3/8" Pipe Compression Seal	28.42	4.41
21 24 16 00-0030	EA	1/2" Pipe Compression Seal	28.42	4.41
21 24 16 00-0031	EA	Cap, Nozzle Blow-Off (Standard)	8.96	3.02
21 24 16 00-0032	EA	Cap, Nozzle Blow-Off (High Temperature)	18.98	3.02
21 24 16 00-0033	EA	2 Flow Points, Fryer/Griddle Nozzle	34.03	5.23
21 24 16 00-0034	EA	1 Flow Point Each, Appliance, Plenum Nozzle	34.03	5.23
21 24 16 00-0035	EA	Nozzle - Solid Fuel Charbroiler - 1 To 1-1/2 Flow Points Each	34.03	5.23
21 24 16 00-0036	EA	1/2 Flow Points Each, Upright Charbroiler Nozzle	34.03	5.23
21 24 16 00-0037	EA	2 Flow Points Each, Duct (Only) Nozzle	34.03	5.23
21 24 16 00-0038	EA	2 Flow Points Each, Four Burner Range Nozzle	48.94	7.54
21 24 16 00-0039	EA	3/4" Or 1" Mechanical Gas Valve	265.47	30.76
21 24 16 00-0040	EA	1-1/4" Or 1-1/2" Mechanical Gas Valve	316.91	44.68
21 24 16 00-0041	EA	2" Mechanical Gas Valve	393.28	52.81
21 24 16 00-0042	EA	Manual Reset Relay (Required With Every Electric Gas Valve)	428.78	65.81
21 24 16 00-0043	EA	SPDT Microswitch With 18" Leads	22.57	3.48
21 24 16 00-0044	EA	Kit Gas Valve Actuator For Use With ASCO Mechanical Gas Valve	36.42	5.57
21 24 16 00-0045	EA	Gas Valve Trip Assembly	76.57	11.72

21 24 16 00-0046 Range Guard Fire Suppression Systems (21 24 16)

Note: Range Guard or equal.

21 24 16 00-0047	EA	1-1/4 Gallon Charged Cylinder With Valve	523.54	89.67
21 24 16 00-0048	EA	2-1/2 Gallon Charged Cylinder With Valve	653.52	111.91
21 24 16 00-0049	EA	4 Gallon Charged Cylinder With Valve	806.81	138.20
21 24 16 00-0050	EA	6 Gallon Charged Cylinder With Valve	958.32	164.07
21 24 16 00-0051	EA	Vent Plug	22.00	3.74
21 24 16 00-0052	EA	Discharge Adapter Kit	28.33	
21 24 16 00-0053	EA	1-1/4 Gallon Wall Bracket	58.27	9.94
21 24 16 00-0054	EA	2-1/2 Gallon Wall Bracket	61.67	10.58
21 24 16 00-0055	EA	4 Gallon Wall Bracket	116.48	19.99
21 24 16 00-0056	EA	6 Gallon Wall Bracket	129.09	22.12
21 24 16 00-0057	EA	Mechanical Control Head, No Microswitch	455.41	78.03
21 24 16 00-0058	EA	Mechanical Control Head, 1 Microswitch	475.13	81.34
21 24 16 00-0059	EA	Mechanical Control Head, 2 Microswitches	545.05	93.31
21 24 16 00-0060	EA	Tandem Control Head	414.18	70.97
21 24 16 00-0061	EA	Electric Control Head, 120 Volt AC / 24 Volt DC	701.03	120.04
21 24 16 00-0062	EA	Mechanical Control Box	311.97	53.44
21 24 16 00-0063	EA	Tandem Control Box	311.97	53.44
21 24 16 00-0064	EA	Mechanical Control Box Adapter	91.44	15.71
21 24 16 00-0065	EA	A+ Control head With 1 Pressure Operated Actuator	274.80	47.03
21 24 16 00-0066	EA	Pressure Operated Actuator	112.95	19.35
21 24 16 00-0067	EA	BMCS-1 Nitrogen Cylinder	182.88	31.32
21 24 16 00-0068	EA	BMCS-1 Actuator Assembly	186.47	31.96
21 24 16 00-0069	EA	BMCS-1 Mounting Bracket	45.71	7.81
21 24 16 00-0070	EA	BMCS-7 Nitrogen Cylinder	527.68	90.32
21 24 16 00-0071	EA	BMCS-7 Mounting Bracket	112.95	19.35
21 24 16 00-0072	EA	BMCS-7 Discharge Adapter Kit	112.95	19.35
21 24 16 00-0073	EA	Check Valve	98.34	22.98
21 24 16 00-0074	EA	Vent Check For Use With BMCS Systems	51.10	8.76
21 24 16 00-0075	EA	Check Valve, (Schradler Flare Fitting) For Pressure Operated Actuator	22.24	3.81
21 24 16 00-0076	EA	Removal And Replacement Of Receiver Gasket For BMCS-Actuator Assembly	5.85	
21 24 16 00-0077	EA	Pneumatic Control Head For Slave Cylinders	116.54	19.99
21 24 16 00-0078	EA	Nozzles; ADP, F, R And GRW	53.42	9.20
21 24 16 00-0079	EA	Nozzles; DM And LPF	59.53	10.15
21 24 16 00-0080	EA	Swivel Adapter	37.65	6.42
21 24 16 00-0081	EA	Corner Pulley	16.14	2.78
21 24 16 00-0082	LF	1/16" Stainless Steel Cable	0.79	0.32
21 24 16 00-0083	EA	Cable Crimp Sleeve	0.94	0.32
21 24 16 00-0084	EA	"S" Hook	0.70	0.21
21 24 16 00-0085	EA	Electrical Metallic Tubing (EMT) Adapter, 1/2" Electrical Metallic Tubing (EMT) x 3/8" NPT	55.56	9.51
21 24 16 00-0086	EA	Cable Clamp	4.95	0.86
21 24 16 00-0087	EA	Nico Sleeves - 1/16" Cable	0.71	0.21
21 24 16 00-0088	EA	3/8" Cable Anchor	58.72	10.04
21 24 16 00-0089	EA	1/2" Cable Anchor	58.72	10.04
21 24 16 00-0090	EA	Mechanical Remote Manual Release (Pull Cable)	94.97	16.25
21 24 16 00-0091	EA	Tee Pulley, Use For Mechanical Pull And Gas Valve	101.36	17.32
21 24 16 00-0092	EA	Surface Remote Manual Release, End-of-line	118.74	20.31
21 24 16 00-0093	EA	Surface Remote Manual Release, In line Conservation Kit	37.20	6.42
21 24 16 00-0094	EA	Surface Remote Manual Release, In line And End Of Line	155.88	26.61
21 24 16 00-0095	EA	Recessed Remote Manual Release, End-of-line	118.74	20.31
21 24 16 00-0096	EA	Recessed Remote Manual Release, In Line Kit	141.54	24.27
21 24 16 00-0097	EA	Pulley Tee, Remote In Line Only	25.44	4.38
21 24 16 00-0098	EA	Fusible Link Housing Kit With 1 - Bracket, 2 - 1/2" Electrical Metallic Tubing (EMT) Connector, 1 - "S" Hook, 8 - Cable Crimp Sleeve	28.25	4.81
21 24 16 00-0099	EA	Fusible Link 165F To 360F	9.25	1.60
21 24 16 00-0100	EA	Fusible Link 500F	14.14	1.60
21 24 16 00-0101	EA	Standard Detector With 1 - 360F link, 2 - "S" Hooks, 2 - Crimp Sleeves	28.25	4.81
21 24 16 00-0102	EA	Standard Detector Kit With 1 - Large Bracket, 2 - "S" Hooks, 2 - Cable Crimp Sleeve	21.47	4.81
21 24 16 00-0103	EA	Quartzoid Link 400 F	152.30	26.08
21 24 16 00-0104	EA	Quartzoid Link 500 F	152.30	26.08
21 24 16 00-0105	EA	SPDT Micro Switch For Use With A Plus Control Box	54.60	9.30

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 24 16 00-0106	EA	DPDT Micro Switch For Use With A Plus Control Box.....	94.96	16.25
21 24 16 00-0107	EA	SPDT Micro Switch For Use With A Mechanical Control Box.....	56.44	9.62
21 24 16 00-0108	EA	DPDT Micro Switch For Use With A Mechanical Control Box.....	97.82	16.78
21 24 16 00-0109	EA	SPDT Micro Switch For Use With PRCB.....	71.68	12.29
21 24 16 00-0110	EA	DPDT Micro Switch For Use With PRCB.....	103.38	17.64
21 24 16 00-0111	EA	Pressure Switch, SPDT (Fire Dept. Tie In).....	302.81	51.84
21 24 16 00-0112	EA	Circuit Monitor 12 Or 24 Volt DC.....	136.18	23.30
21 24 16 00-0113	EA	Circuit Monitor 120 Volt AC.....	136.18	23.30
21 24 16 00-0114	EA	Electric Manual Pull Station.....	99.45	16.99
21 24 16 00-0115	EA	6", 24 Volt DC, Motor Bell.....	55.55	9.51
21 24 16 00-0116	EA	10", 115 Volt AC Motor Bell.....	78.84	13.47
21 24 16 00-0117	EA	Fuse, 1.2 For ECH.....	6.40	1.07
21 24 16 00-0118	EA	Indicator Lamp 12 Or 24 Volt DC.....	28.25	4.81
21 24 16 00-0119	EA	Indicator Lamp 120 Volt AC.....	28.25	4.81
21 24 16 00-0120	EA	B-10 Manual Station Dual Action, SPDT.....	103.93	17.74
21 24 16 00-0121	EA	B-11 Manual Station Dual Action, DPDT.....	114.68	19.66
21 24 16 00-0122	EA	Break Rods For B10/B11 Manual Pull Station.....	3.46	1.39
21 24 16 00-0123	EA	Spare Key For B10/B11 Manual Stations.....	14.34	2.46
21 24 16 00-0124	EA	MT-24-LSM-VAR Multitone Signal With 15/75cd Strobe, 24 Volt, Flush Grill.....	154.09	26.40
21 24 16 00-0125	EA	Suppression Abort Station.....	163.05	27.89
21 24 16 00-0126	EA	Suppression Abort Station With Surface Mount Back Box.....	189.92	32.50
21 24 16 00-0127	EA	Surface Mount Back Box.....	62.71	10.69
21 24 16 00-0128	EA	Single Hazard Control Unit, 120 Volt AC IP.....	1,164.63	199.12
21 24 16 00-0129	EA	Single Hazard Control Unit, 240 Volt AC IP.....	1,164.63	199.12
21 24 16 00-0130	EA	1 Lead Acid Battery; 24 Volt DC, 1.2 A.H.....	96.75	16.57
21 24 16 00-0131	EA	Accessory Kit - End-of-line Resistors (10K Ohms, 1/2 W).....	3.79	0.75
21 24 16 00-0132	EA	Spare Scorpio Circuit Board.....	842.06	
21 24 16 00-0133	EA	Extra Scorpio Key.....	14.34	
21 24 16 00-0134	EA	Extra Scorpio Manual.....	8.95	
21 24 16 00-0135	EA	Compression Seal Adapter 3/8" Pipe.....	24.36	4.17
21 24 16 00-0136	EA	Compression Seal Adapter 1/2" Tubing/ 1/4" Pipe.....	26.46	4.49
21 24 16 00-0137	EA	Compression Seal Adapter 5/8" Tubing/ 3/8" Pipe.....	31.84	5.45
21 24 16 00-0138	EA	Compression Seal Adapter 3/4" Tubing/ 1/2" Pipe.....	34.04	5.77
21 24 16 00-0139	EA	Quik Seal Adapter 3/8" NPT Female.....	26.46	4.49
21 24 16 00-0140	EA	Quik Seal Adapter 1/2" NPT Female.....	26.46	4.49
21 24 16 00-0141	EA	Quik Seal Adapter 3/4" NPT Female.....	45.27	7.81
21 24 16 00-0142	EA	Quik Seal Adapter 1" NPT Female.....	60.02	10.26
21 24 16 00-0143	EA	Quik Patch (Up To 1-1/8" Diameter).....	26.46	4.49
21 24 16 00-0144	EA	1-1/4 Gallon Karbaloy Charge.....	58.89	
21 24 16 00-0145	EA	2-1/2 Gallon Karbaloy Charge.....	101.23	
21 24 16 00-0146	EA	4 Gallon Karbaloy Charge.....	153.00	
21 24 16 00-0147	EA	6 Gallon Karbaloy Charge.....	223.89	
21 24 16 00-0148	EA	Inlet Flushing Adapter.....	43.89	7.48
21 24 16 00-0149	EA	1/2" Flushing Adapter (Outlet).....	43.89	7.48
21 24 16 00-0150	EA	1/8" Flushing Adapter (Outlet).....	43.89	7.48
21 24 16 00-0151	EA	1/4" Flushing Adapter (Outlet).....	43.89	7.48
21 24 16 00-0152	EA	3/8" Flushing Adapter (Outlet).....	43.89	7.48
21 24 16 00-0153	EA	Recharge Adapter (Old Style Cylinder Valve Assembly Only).....	60.91	
21 24 16 00-0154	EA	Instruction Label (In Case Of Fire) - MCB.....	4.97	
21 24 16 00-0155	EA	Caution Sign (Turn On Fan).....	5.85	
21 24 16 00-0156	EA	Inspection Label (Authorized installers only).....	4.26	
21 24 16 00-0157	EA	Label, Warning, A+ Control Box.....	3.20	
21 24 16 00-0158	EA	Wet Chemical System Kits, RG-1.25G Kit; #23315.....	770.40	131.79
21 24 16 00-0159	EA	Wet Chemical System Kits, RG-2.5G Kit; #23316.....	899.42	153.81
21 24 16 00-0160	EA	Wet Chemical System Kits, RG-4GS Kit; #23317.....	1,119.81	191.54
21 24 16 00-0161	EA	Wet Chemical System Kits, RG-4GT Kit; #23318.....	1,119.81	191.54
21 24 16 00-0162	EA	Wet Chemical System Kits, RG-6G Kit; #23319.....	1,408.27	240.82
21 24 16 00-0163	EA	Wet Chemical System Kits, RG Mechanical Control HD (MCH) Kit; #23320.....	667.40	114.15
21 24 16 00-0164	EA	Wet Chemical System Kits, RG Mechanical Control Box (MCB) Kit; #23321.....	627.08	107.20
21 24 16 00-0165	EA	Wet Chemical System Kits, A Plus Control Kit; #23322.....	507.04	86.68
21 24 16 00-0166	EA	Wet Chemical System Kits, Valve Rebuild Kit; #23210.....	877.90	150.18
21 24 16 00-0167	EA	Wet Chemical System Kits, BMCS-1 Package; #23208.....	804.44	137.56

21 30 Fire Pumps ⁽²¹⁾

21 31 Centrifugal Fire Pumps ^(21 30)

21 31 13 Electric-Drive, Centrifugal Fire Pumps ^(21 31)

21 31 13 00-0001 Electric-Drive Fire Pumps ^(21 31 13)

Note: Includes fire pump, motor, motor starter, alarm panel, automatic transfer switch, and controller.

21 31 13 00-0002	EA	20 HP Electric Fire Pump.....	57,459.39	1,793.78
		<i>For Duplex Pumping System, Add</i>	<i>55,665.62</i>	
21 31 13 00-0003	EA	30 HP Electric Fire Pump.....	67,145.99	2,017.99
		<i>For Duplex Pumping System, Add</i>	<i>65,277.48</i>	
21 31 13 00-0004	EA	40 HP Electric Fire Pump.....	91,790.65	2,242.22
		<i>For Duplex Pumping System, Add</i>	<i>89,714.53</i>	
21 31 13 00-0005	EA	50 HP Electric Fire Pump.....	113,125.12	2,432.97
		<i>For Duplex Pumping System, Add</i>	<i>110,692.16</i>	
21 31 13 00-0006	EA	75 HP Electric Fire Pump.....	126,326.61	2,654.14
		<i>For Duplex Pumping System, Add</i>	<i>123,672.47</i>	

21 31 16 Diesel-Drive, Centrifugal Fire Pumps ^(21 31)

21 Fire Suppression**21 30 Fire Pumps****21 31 Centrifugal Fire Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

21 31 16 00-0001		Diesel-Drive Fire Pumps <small>(21 31 16)</small>			
		Note: Pumps shall be stand alone units meeting NFPA-20 specs. Includes fire pump, motor, motor starter, alarm panel, and controller.			
21 31 16 00-0002	EA	30 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	84,806.59	1,990.61	
21 31 16 00-0003	EA	40 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	95,964.27	2,211.79	
21 31 16 00-0004	EA	50 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	100,751.24	2,432.97	
21 31 16 00-0005	EA	75 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	114,736.74	2,654.14	
21 31 16 00-0006	EA	150 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	121,580.50	3,096.51	
21 31 16 00-0007	EA	175 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	130,392.29	3,981.22	
21 31 16 00-0008	EA	200 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	141,461.43	4,423.58	
21 31 16 00-0009	EA	250 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	161,768.85	5,042.88	
21 31 16 00-0010	EA	300 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	194,201.85	5,441.01	
21 31 16 00-0011	EA	350 HP Diesel Driven Fire Pump , NFPA-20 Specific.....	227,992.38	6,193.01	
21 31 16 00-0012	EA	400 HP Diesel Driven Fire Pump , NFPA-20 Specific.....	271,131.83	6,635.37	
21 31 16 00-0013	EA	500 HP Diesel Driven Fire Pump , NFPA-20 Specific.....	305,603.50	7,077.73	

21 34 Fire Pump Accessories (21 30)**21 34 13 Pressure Maintenance Pumps** (21 34)

21 34 13 00-0001		Jockey Pumps <small>(21 34 13)</small>			
		Note: Includes pump and controller.			
21 34 13 00-0002	EA	Up To 3 HP, 1" Pipe Connection, Jockey Pump And Controller	5,771.02	442.35	

END OF SECTION 21

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 Plumbing

Note: Where required, mechanical equipment excludes electrical connection unless title states otherwise.

22 01 Operation and Maintenance of Plumbing ⁽²²⁾

22 01 10 Operation and Maintenance of Plumbing Piping and Pumps ^(22 01)

See CSI section 23 01 20 00-0000 for purging of pipes and shutdown.

22 01 10 61 Plumbing Piping Repairs ^(22 01 10)

22 01 10 61-0001 Pipe Repair Clamps ^(22 01 10 61)

22 01 10 61-0002	EA	1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt.....	43.78
		Note: Includes neoprene gasket	
22 01 10 61-0003	EA	3/4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt.....	45.54
		Note: Includes neoprene gasket	
22 01 10 61-0004	EA	1" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt.....	50.07
		Note: Includes neoprene gasket	
22 01 10 61-0005	EA	1-1/4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt.....	53.40
		Note: Includes neoprene gasket	
22 01 10 61-0006	EA	1-1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt.....	57.82
		Note: Includes neoprene gasket	
22 01 10 61-0007	EA	2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt.....	73.69
		Note: Includes neoprene gasket	
22 01 10 61-0008	EA	2-1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt.....	93.57
		Note: Includes neoprene gasket	
22 01 10 61-0009	EA	3" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt.....	108.57
		Note: Includes neoprene gasket	
22 01 10 61-0010	EA	4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt.....	124.40
		Note: Includes neoprene gasket	
22 01 10 61-0011	EA	1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt.....	69.27
		Note: Includes neoprene gasket	
22 01 10 61-0012	EA	3/4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt.....	72.98
		Note: Includes neoprene gasket	
22 01 10 61-0013	EA	1" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt.....	80.79
		Note: Includes neoprene gasket	
22 01 10 61-0014	EA	1-1/4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt.....	88.79
		Note: Includes neoprene gasket	
22 01 10 61-0015	EA	1-1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt.....	97.86
		Note: Includes neoprene gasket	
22 01 10 61-0016	EA	2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt.....	126.36
		Note: Includes neoprene gasket	
22 01 10 61-0017	EA	2-1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt.....	153.08
		Note: Includes neoprene gasket	
22 01 10 61-0018	EA	3" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt.....	174.15
		Note: Includes neoprene gasket	
22 01 10 61-0019	EA	4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt.....	197.43
		Note: Includes neoprene gasket	
22 01 10 61-0020	EA	1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt.....	98.57
		Note: Includes Buna rubber gasket	
22 01 10 61-0021	EA	3/4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt.....	102.50
		Note: Includes Buna rubber gasket	
22 01 10 61-0022	EA	1" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt.....	113.26
		Note: Includes Buna rubber gasket	
22 01 10 61-0023	EA	1-1/4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt.....	124.22
		Note: Includes Buna rubber gasket	
22 01 10 61-0024	EA	1-1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt.....	140.25
		Note: Includes Buna rubber gasket	
22 01 10 61-0025	EA	2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt.....	171.40
		Note: Includes Buna rubber gasket	
22 01 10 61-0026	EA	2-1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt.....	200.92
		Note: Includes Buna rubber gasket	
22 01 10 61-0027	EA	3" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt.....	241.99
		Note: Includes Buna rubber gasket	
22 01 10 61-0028	EA	4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt.....	298.25
		Note: Includes Buna rubber gasket	
22 01 10 61-0029	EA	5" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt.....	305.81
		Note: Includes Buna rubber gasket	
22 01 10 61-0030	EA	6" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt.....	327.81
		Note: Includes Buna rubber gasket	

22 01 40 Operation and Maintenance of Plumbing Fixtures ^(22 01)

22 01 40 81 Plumbing Fixtures Replacement ^(22 01 40)

22 01 40 81-0001 Removal And Replacement Of Fixture And/Or Trim ^(22 01 40 81)

Note: Includes removal of existing item(s) and installation of new item(s). See CSI section 22 42 00 00-0000 for faucet replacement installation and demolition prices.

22 01 40 81-0002	EA	Removal And Replacement Of 3/8" To 1/2" Compression Shut-off Valve With 15" Polybutylene Supply Tube.....	60.44
22 01 40 81-0003	EA	Removal And Replacement Of 3/8" Compression x 1/2" FIP, Braided Stainless Steel, Supply Lines To Sink/Lavatory.....	19.71
22 01 40 81-0004	EA	Removal And Replacement Of Chrome Supply Lines To Sink/Lavatory, Pair.....	29.45
22 01 40 81-0005	EA	Removal And Replacement Of Single Bowl Sink/Lavatory Drain Line.....	41.05
22 01 40 81-0006	EA	Removal And Replacement Of Double Bowl Sink/Lavatory Drain Line.....	63.84
22 01 40 81-0007	EA	Removal And Replacement Of Shower Head, Polished Chrome.....	41.91
22 01 40 81-0008	EA	Removal And Replacement Of Shower Arm.....	39.09

22 Plumbing**22 01 Operation and Maintenance of Plumbing****22 01 40 Operation and Maintenance of Plumbing Fixtures**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 01 40 81-0009	EA	Removal And Replacement Of Shower Head.....	45.26	
22 01 40 81-0010	EA	Removal And Replacement Of Shower Knob.....	36.51	
22 01 40 81-0011	EA	Removal And Replacement Of Shower and Tub Control Trim.....	115.00	
		Note: Excludes balancing valve.		
22 01 40 81-0012	EA	Removal And Replacement Of Sink Basket Strainer.....	31.75	
22 01 40 81-0013	EA	Removal And Replacement Of 1-1/2" Sink Drain Without Stopper.....	16.93	
22 01 40 81-0014	EA	Removal And Replacement Of 4-1/2" Sink Drain Without Stopper.....	17.79	
22 01 40 81-0015	EA	Removal And Replacement Of 1-1/2" Sink Drain With Stopper.....	16.93	
22 01 40 81-0016	EA	Removal And Replacement Of 1" Sink Rubber Stopper.....	9.41	
22 01 40 81-0017	EA	Removal And Replacement Of Sink Tailpiece Extension, 1-1/2" x 8".....	26.84	
22 01 40 81-0018	EA	Removal And Replacement Of Sink Trap, Adjustable, 1-1/2".....	44.95	
22 01 40 81-0019	EA	Removal And Replacement Of Lavatory Pop-Up Rod.....	29.08	
22 01 40 81-0020	EA	Removal And Replacement Of Lavatory Pop-up Drain Stopper.....	31.88	
22 01 40 81-0021	EA	Removal And Replacement Of Faucet Handle.....	35.90	
22 01 40 81-0022	EA	Removal And Replacement Of Faucet O-Ring.....	27.03	
22 01 40 81-0023	EA	Removal And Replacement Of 1-1/2" Faucet Hole Cover.....	20.35	
22 01 40 81-0024	EA	Removal And Replacement Of Toilet Ballcock.....	38.82	
22 01 40 81-0025	EA	Removal And Replacement Of Toilet Bowl Ring, Flat Wax.....	7.40	
		Note: Excludes removal of toilet.		
22 01 40 81-0026	EA	Removal And Replacement Of Toilet Tank.....	155.02	
22 01 40 81-0027	EA	Removal And Replacement Of 10" Toilet Bowl.....	193.56	
22 01 40 81-0028	EA	Removal And Replacement Of 10", Low-Flush Watersaver, Toilet Bowl.....	208.50	
22 01 40 81-0029	EA	Removal And Replacement Of 12" Toilet Bowl.....	222.92	
22 01 40 81-0030	EA	Removal And Replacement Of 18", Elongated, Toilet Bowl.....	198.58	
22 01 40 81-0031	EA	Removal And Replacement Of Toilet Closet Bolt, 5/16" x 3" With Nuts And Washers.....	23.82	
22 01 40 81-0032	EA	Removal And Replacement Of Toilet Flapper With Chain.....	17.88	
22 01 40 81-0033	EA	Removal And Replacement Of Toilet Flush Tank Lever.....	19.19	
22 01 40 81-0034	EA	Removal And Replacement Of Elongated Toilet Seat With Lid.....	102.96	
22 01 40 81-0035	EA	Removal And Replacement Of Elongated Toilet Seat Without Lid.....	95.02	
22 01 40 81-0036	EA	Removal And Replacement Of Handicap Toilet Seat, Complete With Rails.....	151.23	
22 01 40 81-0037	EA	Removal And Replacement Of Diverter Tub Spout.....	55.95	
22 01 40 81-0038	EA	Removal And Replacement Of Tub Spout.....	40.25	
22 01 40 81-0039	EA	Removal And Replacement Of 2" Tub Stopper.....	10.87	
22 01 40 81-0040	EA	Removal And Replacement Of Tub Waste/Overflow.....	75.31	
22 01 40 81-0041	EA	Removal And Replacement Of Tub Stem Bonnet Assembly.....	38.39	
22 01 40 81-0042	EA	Removal And Replacement Of Faucet Bonnet.....	42.46	
22 01 40 81-0043	EA	Removal And Replacement Of Faucet Diverter Stem.....	26.60	
22 01 40 81-0044	EA	Removal And Replacement Of Faucet Diverter Stem And Bonnet.....	35.36	
22 01 40 81-0045	EA	Removal And Replacement Of Faucet Spout.....	40.28	
22 01 40 81-0046	EA	Removal And Replacement Of Faucet Stem.....	29.56	
22 01 40 81-0047	EA	Removal And Replacement Of Plastic, Chrome Plated Drinking Fountain Bubbler Valve With Flexible Bubbler Guard.....	193.69	
22 01 40 81-0048	EA	Removal And Replacement Of Brass, Chrome Plated Drinking Fountain Bubbler Valve.....	241.80	
22 01 40 81-0049	EA	Removal And Replacement Of Stainless Steel (Lead Free) Drinking Fountain Pushbutton Bubbler Valve.....	149.45	

22 05 Common Work Results for Plumbing ⁽²²⁾**22 05 13 Common Motor Requirements for Plumbing Equipment** ^(22 05)

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. See CSI section 23 05 13 00-0000 for motor requirements.

22 05 16 Expansion Fittings and Loops for Plumbing Piping ^(22 05)

See CSI section 23 05 16 00-0000 for expansion fittings and loops.

22 05 17 Sleeves and Sleeve Seals for Plumbing Piping ^(22 05)

See CSI section 23 05 17 00-0000 for sleeves and sleeve seals.

22 05 19 Meters and Gages for Plumbing Piping ^(22 05)

See CSI section 23 05 19 00-0000 for gages, 33 19 00 00-0000 for water utility service metering.

22 05 23 General-Duty Valves for Plumbing Piping ^(22 05)

See CSI section 23 05 23 00-0000 for additional valves.

22 05 23 00-0001 Gate Valves ^(22 05 23)**22 05 23 00-0002 Class 125 Brazed Or Soldered Bronze Gate Valves** ^(22 05 23 00-0001)

Note: 125 psi steam, basic rating. 200 psi cold working pressure. (Milwaukee Valve 105)

22 05 23 00-0003	EA	1/4" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve.....	84.86	11.61
		For 150 LB Rating, Add	5.11	
		For 200 LB Rating, Add	7.66	
		For Work In Restricted Working Space, Add	10.14	
22 05 23 00-0004	EA	3/8" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve.....	86.63	11.61
		For 150 LB Rating, Add	5.11	
		For 200 LB Rating, Add	7.66	
		For Work In Restricted Working Space, Add	10.67	
22 05 23 00-0005	EA	1/2" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve.....	88.81	11.61
		For 150 LB Rating, Add	5.14	
		For 200 LB Rating, Add	7.70	
		For Work In Restricted Working Space, Add	11.24	
22 05 23 00-0006	EA	3/4" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve.....	105.66	12.77
		For 150 LB Rating, Add	5.52	
		For 200 LB Rating, Add	8.28	
		For Work In Restricted Working Space, Add	15.14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 23 00-0007	EA		1" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	128.71 6.76 10.14 18.33	14.51
22 05 23 00-0008	EA		1-1/4" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	187.78 11.04 16.56 23.21	15.44
22 05 23 00-0009	EA		1-1/2" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	209.28 12.00 18.00 26.79	17.87
22 05 23 00-0010	EA		2" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	250.89 14.54 21.81 31.66	21.12
22 05 23 00-0011	EA		2-1/2" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Chain Operated Type, Add</i>	564.18 42.17 63.25 42.75 189.75	28.54
22 05 23 00-0012	EA		3" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	662.02 49.76 74.64 49.33	33.13
22 05 23 00-0013			Class 125 Brazed Or Soldered Bronze Lead Free Gate Valves <small>(22 05 23 00-0001)</small> Note: 125 psi steam, basic rating. 200 psi cold working pressure. (Milwaukee Valve UP105, Nibco T113-LF)		
22 05 23 00-0014	EA		1/4" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	101.88 6.81 10.21 10.14	11.61
22 05 23 00-0015	EA		3/8" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	103.50 6.79 10.19 10.67	11.61
22 05 23 00-0016	EA		1/2" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	120.25 8.28 12.42 11.24	11.61
22 05 23 00-0017	EA		3/4" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	137.10 8.66 13.00 15.14	12.77
22 05 23 00-0018	EA		1" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	164.58 10.35 15.52 18.33	14.51
22 05 23 00-0019	EA		1-1/4" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	236.85 15.95 23.92 23.21	15.44
22 05 23 00-0020	EA		1-1/2" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	271.00 18.17 27.26 26.79	17.87
22 05 23 00-0021	EA		2" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	346.26 24.07 36.11 31.66	21.12
22 05 23 00-0022			200 PSI, Non Rising Stem, Crimped Bronze Gate Valves <small>(22 05 23 00-0001)</small> Note: 200 psi cold working pressure.		
22 05 23 00-0023	EA		1/2" Diameter, 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve <i>For Work In Restricted Working Space, Add</i>	123.69 7.84	11.61
22 05 23 00-0024	EA		3/4" Diameter, 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve <i>For Work In Restricted Working Space, Add</i>	139.30 8.92	12.77
22 05 23 00-0025	EA		1" Diameter, 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve <i>For Work In Restricted Working Space, Add</i>	183.08 10.66	14.51
22 05 23 00-0026	EA		1-1/4" Diameter, 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve <i>For Work In Restricted Working Space, Add</i>	249.68 11.75	15.44
22 05 23 00-0027	EA		1-1/2" Diameter, 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve <i>For Work In Restricted Working Space, Add</i>	289.44 13.06	17.87
22 05 23 00-0028	EA		2" Diameter, 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve <i>For Work In Restricted Working Space, Add</i>	398.43 15.67	21.12
22 05 23 00-0029			Ball Valves <small>(22 05 23)</small>		
22 05 23 00-0030			Crimped Bronze, Ball Valves <small>(22 05 23 00-0029)</small>		
22 05 23 00-0031			Crimped Bronze, 250 PSI, Ball Valves <small>(22 05 23 00-0030)</small> Note: Nibco®		
22 05 23 00-0032	EA		1/2" Crimped Bronze, 250 PSI, Ball Valve <i>For Work In Restricted Working Space, Add</i>	85.05 7.84	11.61
22 05 23 00-0033	EA		3/4" Crimped Bronze, 250 PSI, Ball Valve <i>For Work In Restricted Working Space, Add</i>	110.05 8.92	12.77

22 Plumbing**22 05 Common Work Results for Plumbing****22 05 23 General-Duty Valves for Plumbing Piping**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
22 05 23 00-0034	EA	1" Crimped Bronze, 250 PSI, Ball Valve <i>For Work In Restricted Working Space, Add</i>	141.24 10.66		14.51
22 05 23 00-0035	EA	1-1/4" Crimped Bronze, 250 PSI, Ball Valve <i>For Work In Restricted Working Space, Add</i>	228.24 11.75		15.44
22 05 23 00-0036	EA	1-1/2" Crimped Bronze, 250 PSI, Ball Valve <i>For Work In Restricted Working Space, Add</i>	301.68 13.06		17.87
22 05 23 00-0037	EA	2" Crimped Bronze, 250 PSI, Ball Valve <i>For Work In Restricted Working Space, Add</i>	454.71 15.67		21.12
22 05 23 00-0038		Crimped Bronze, 200 PSI, Full Port Ball Valves (22 05 23 00-0030)			
22 05 23 00-0039	EA	1/2" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve <i>For Work In Restricted Working Space, Add</i>	53.80 7.84		11.61
22 05 23 00-0040	EA	3/4" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve <i>For Work In Restricted Working Space, Add</i>	68.64 8.92		12.77
22 05 23 00-0041	EA	1" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve <i>For Work In Restricted Working Space, Add</i>	83.43 10.66		14.51
22 05 23 00-0042	EA	1-1/4" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve <i>For Work In Restricted Working Space, Add</i>	117.00 11.75		15.44
22 05 23 00-0043	EA	1-1/2" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve <i>For Work In Restricted Working Space, Add</i>	151.27 13.06		17.87
22 05 23 00-0044	EA	2" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve <i>For Work In Restricted Working Space, Add</i>	224.33 15.67		21.12
22 05 23 00-0045		Crimped Bronze, 250 PSI, Full Port Ball Valves (22 05 23 00-0030)			
22 05 23 00-0046	EA	1/2" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve <i>For Work In Restricted Working Space, Add</i>	62.03 7.84		11.61
22 05 23 00-0047	EA	3/4" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve <i>For Work In Restricted Working Space, Add</i>	74.63 8.92		12.77
22 05 23 00-0048	EA	1" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve <i>For Work In Restricted Working Space, Add</i>	93.00 10.66		14.51
22 05 23 00-0049	EA	1-1/4" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve <i>For Work In Restricted Working Space, Add</i>	146.92 11.75		15.44
22 05 23 00-0050	EA	1-1/2" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve <i>For Work In Restricted Working Space, Add</i>	215.62 13.06		17.87
22 05 23 00-0051	EA	2" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve <i>For Work In Restricted Working Space, Add</i>	299.14 15.67		21.12
22 05 23 00-0052		Crimped x Threaded Bronze, 250 PSI, Full Port Ball Valves (22 05 23 00-0030)			
22 05 23 00-0053	EA	1/2" Crimped x Threaded Bronze, 250 PSI, Full Port, Lever Ball Valve <i>For Work In Restricted Working Space, Add</i>	59.79 7.84		11.61
22 05 23 00-0054	EA	3/4" Crimped x Threaded Bronze, 250 PSI, Full Port, Lever Ball Valve <i>For Work In Restricted Working Space, Add</i>	72.54 8.92		12.77
22 05 23 00-0055	EA	1" Crimped x Threaded Bronze, 250 PSI, Full Port, Lever Ball Valve <i>For Work In Restricted Working Space, Add</i>	88.21 10.66		14.51
22 05 23 00-0056		Check Valves (22 05 23)			
22 05 23 00-0057		Crimped Bronze, 200 PSI, Y-Pattern, Swing Check Valves (22 05 23 00-0056) Note: Nibco®			
22 05 23 00-0058	EA	1/2" Crimped Bronze, 200 PSI, Y-Pattern Check Valve <i>For Work In Restricted Working Space, Add</i>	162.30 7.84		11.61
22 05 23 00-0059	EA	3/4" Crimped Bronze, 200 PSI, Y-Pattern Check Valve <i>For Work In Restricted Working Space, Add</i>	206.59 8.92		12.77
22 05 23 00-0060	EA	1" Crimped Bronze, 200 PSI, Y-Pattern Check Valve <i>For Work In Restricted Working Space, Add</i>	285.56 10.66		14.51
22 05 23 00-0061	EA	1-1/4" Crimped Bronze, 200 PSI, Y-Pattern Check Valve <i>For Work In Restricted Working Space, Add</i>	380.67 11.75		15.44
22 05 23 00-0062	EA	1-1/2" Crimped Bronze, 200 PSI, Y-Pattern Check Valve <i>For Work In Restricted Working Space, Add</i>	454.13 13.06		17.87
22 05 23 00-0063	EA	2" Crimped Bronze, 200 PSI, Y-Pattern Check Valve <i>For Work In Restricted Working Space, Add</i>	649.85 15.67		21.12
22 05 23 00-0064		Crimped Bronze, 250 PSI, In-Line, Check Valves (22 05 23 00-0056)			
22 05 23 00-0065	EA	1/2" Crimped Bronze, 200 PSI, In-Line Check Valve <i>For Work In Restricted Working Space, Add</i>	47.48 7.84		11.61
22 05 23 00-0066	EA	3/4" Crimped Bronze, 200 PSI, In-Line Check Valve <i>For Work In Restricted Working Space, Add</i>	57.08 8.92		12.77
22 05 23 00-0067	EA	1" Crimped Bronze, 200 PSI, In-Line Check Valve <i>For Work In Restricted Working Space, Add</i>	67.05 10.66		14.51
22 05 23 00-0068	EA	1-1/4" Crimped Bronze, 200 PSI, In-Line Check Valve <i>For Work In Restricted Working Space, Add</i>	84.75 11.75		15.44
22 05 23 00-0069	EA	1-1/2" Crimped Bronze, 200 PSI, In-Line Check Valve <i>For Work In Restricted Working Space, Add</i>	108.22 13.06		17.87
22 05 23 00-0070	EA	2" Crimped Bronze, 200 PSI, In-Line Check Valve <i>For Work In Restricted Working Space, Add</i>	169.96 15.67		21.12
22 05 23 00-0071		Butterfly Valves (22 05 23)			
22 05 23 00-0072		Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve (22 05 23 00-0071)			
22 05 23 00-0073	EA	2-1/2" Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve <i>For Work In Restricted Working Space, Add</i>	1,211.71 18.28		30.99

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 05 23 00-0074	EA	3"	Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve..... <i>For Work In Restricted Working Space, Add</i>	1,311.84 21.77	35.99
22 05 23 00-0075	EA	4"	Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve..... <i>For Work In Restricted Working Space, Add</i>	1,639.95 28.73	40.63

22 05 23 00-0076 Oxygen (Medical) Service Ball Valve (22 05 23)

22 05 23 00-0077	EA	1/2"	Pipe, Full Port, Bronze, 3 Piece, Inline, One Way Flow, Oxygen Service Ball Valves With Lever Handle (Nibco NJ93HE6).....	349.21	21.12
22 05 23 00-0078	EA	3/4"	Pipe, Full Port, Bronze, 3 Piece, Inline, One Way Flow, Oxygen Service Ball Valves With Lever Handle (Nibco NJ93HE8).....	360.10	23.22
22 05 23 00-0079	EA	1"	Pipe, Full Port, Bronze, 3 Piece, Inline, One Way Flow, Oxygen Service Ball Valves With Lever Handle (Nibco NJ93HCA).....	485.79	24.49
22 05 23 00-0080	EA	1-1/4"	Pipe, Full Port, Bronze, 3 Piece, Inline, One Way Flow, Oxygen Service Ball Valves With Lever Handle (Nibco NJ93HEB).....	591.35	30.99
22 05 23 00-0081	EA	1-1/2"	Pipe, Full Port, Bronze, 3 Piece, Inline, One Way Flow, Oxygen Service Ball Valves With Lever Handle (Nibco NJ93HEC).....	514.13	35.75
22 05 23 00-0082	EA	2"	Pipe, Full Port, Bronze, 3 Piece, Inline, One Way Flow, Oxygen Service Ball Valves With Lever Handle (Nibco NJ9210D).....	784.47	42.25

22 05 29 Hangers and Supports for Plumbing Piping and Equipment (22 05)

See CSI section 23 05 29 00-0000 for hangers and supports.

22 05 33 Heat Tracing for Plumbing Piping (22 05)

See CSI section 23 83 13 00-0000 for heat tracing cables.

22 05 48 Vibration and Seismic Controls for Plumbing Piping and Equipment (22 05)

22 05 48 13 Vibration Controls for Plumbing Piping and Equipment (22 05 48)

See CSI section 23 05 48 13-0000 for vibration and seismic control.

22 05 53 Identification for Plumbing Piping and Equipment (22 05)

See CSI section 23 05 53 00-0000 for identification.

22 05 76 Facility Drainage Piping Cleanouts (22 05)

22 05 76 00-0001 Cast Iron Cleanout With Plug And Cover (22 05 76)

Note: For floor installation.

22 05 76 00-0002 Cast Iron Cleanout With Plug And Round Or Square Cover (22 05 76 00-0001)

22 05 76 00-0003	EA	2"	Floor Cleanout, Round Or Square Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover..... <i>For Vandal Proof, Add</i> <i>For Galvanized Ferrule, Add</i> <i>For Carpet Marker, Add</i> <i>For Carpet Flange, Add</i> <i>For Wide Flange, Add</i>	675.06 19.50 45.00 16.00 58.50 97.00	61.75
22 05 76 00-0004	EA	3"	Floor Cleanout, Round Or Square Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover..... <i>For Vandal Proof, Add</i> <i>For Galvanized Ferrule, Add</i> <i>For Carpet Marker, Add</i> <i>For Carpet Flange, Add</i> <i>For Wide Flange, Add</i>	729.27 19.50 45.00 16.00 58.50 97.00	77.42
22 05 76 00-0005	EA	4"	Floor Cleanout, Round Or Square Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover..... <i>For Vandal Proof, Add</i> <i>For Galvanized Ferrule, Add</i> <i>For Carpet Marker, Add</i> <i>For Carpet Flange, Add</i> <i>For Wide Flange, Add</i>	910.66 19.50 45.00 16.00 58.50 97.00	93.56
22 05 76 00-0006	EA	5"	Floor Cleanout, Round Or Square Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover..... <i>For Vandal Proof, Add</i> <i>For Galvanized Ferrule, Add</i> <i>For Carpet Marker, Add</i> <i>For Carpet Flange, Add</i> <i>For Wide Flange, Add</i>	1,307.56 19.50 45.00 16.00 58.50 97.00	104.69
22 05 76 00-0007	EA	6"	Floor Cleanout, Round Or Square Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover..... <i>For Vandal Proof, Add</i> <i>For Galvanized Ferrule, Add</i> <i>For Carpet Marker, Add</i> <i>For Carpet Flange, Add</i> <i>For Wide Flange, Add</i>	1,609.79 19.50 45.00 16.00 58.50 97.00	113.40

22 05 76 00-0008 Cast Iron Heavy Duty Cleanout With Plug And Round Cover (22 05 76 00-0001)

22 05 76 00-0009	EA	2"	Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover..... <i>For Vandal Proof, Add</i> <i>For Galvanized Ferrule, Add</i> <i>For Carpet Marker, Add</i> <i>For Carpet Flange, Add</i> <i>For Wide Flange, Add</i>	778.18 19.50 45.00 16.00 58.50 97.00	61.75
22 05 76 00-0010	EA	3"	Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover..... <i>For Vandal Proof, Add</i> <i>For Galvanized Ferrule, Add</i> <i>For Carpet Marker, Add</i> <i>For Carpet Flange, Add</i> <i>For Wide Flange, Add</i>	833.93 19.50 45.00 16.00 58.50 97.00	77.31

22 Plumbing**22 05 Common Work Results for Plumbing****22 05 76 Facility Drainage Piping Cleanouts**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0011	EA		4" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover.....	1,015.41	93.56
			<i>For Vandal Proof, Add</i>	19.50	
			<i>For Galvanized Ferrule, Add</i>	45.00	
			<i>For Carpet Marker, Add</i>	16.00	
			<i>For Carpet Flange, Add</i>	58.50	
			<i>For Wide Flange, Add</i>	97.00	
22 05 76 00-0012	EA		5" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover.....	1,412.37	104.69
			<i>For Vandal Proof, Add</i>	19.50	
			<i>For Galvanized Ferrule, Add</i>	45.00	
			<i>For Carpet Marker, Add</i>	16.00	
			<i>For Carpet Flange, Add</i>	58.50	
			<i>For Wide Flange, Add</i>	97.00	
22 05 76 00-0013	EA		6" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover.....	1,714.51	113.40
			<i>For Vandal Proof, Add</i>	19.50	
			<i>For Galvanized Ferrule, Add</i>	45.00	
			<i>For Carpet Marker, Add</i>	16.00	
			<i>For Carpet Flange, Add</i>	58.50	
			<i>For Wide Flange, Add</i>	97.00	
22 05 76 00-0014			Wall Cover For Cleanout (22 05 76)		
			Note: Cover and screw only.		
22 05 76 00-0015			Round Access Cover, Bronze Polished Top (22 05 76 00-0014)		
			Note: Cover and screw only.		
22 05 76 00-0016	EA		4-1/4" Diameter Wall Cover For Cleanout, Screwed.....	100.89	19.38
			<i>For Stainless Steel, Add</i>	9.00	
			<i>For Vandal Proof Screws, Add</i>	19.50	
22 05 76 00-0017	EA		5-1/2" Diameter Wall Cover For Cleanout, Screwed.....	108.63	23.22
			<i>For Stainless Steel, Add</i>	9.00	
			<i>For Vandal Proof Screws, Add</i>	19.50	
22 05 76 00-0018	EA		7" Diameter Wall Cover For Cleanout, Screwed.....	138.99	26.12
			<i>For Stainless Steel, Add</i>	9.00	
			<i>For Vandal Proof Screws, Add</i>	19.50	
22 05 76 00-0019	EA		9-1/4" Diameter Wall Cover For Cleanout, Screwed.....	236.44	29.02
			<i>For Stainless Steel, Add</i>	9.00	
			<i>For Vandal Proof Screws, Add</i>	19.50	
22 05 76 00-0020	EA		11-1/4" Diameter Wall Cover For Cleanout, Screwed.....	356.82	31.92
			<i>For Stainless Steel, Add</i>	9.00	
			<i>For Vandal Proof Screws, Add</i>	19.50	
22 05 76 00-0021			Square Wall Access Panel, Bronze Polished Top (22 05 76 00-0014)		
			Note: Cover and screw only.		
22 05 76 00-0022	EA		7" x 7" Bronze Wall Or Floor Access Cover.....	537.38	19.38
			<i>For Vandal Proof Screws, Add</i>	19.50	
			<i>For Nickel Bronze, Add</i>	22.50	
22 05 76 00-0023	EA		9" x 9" Bronze Wall Or Floor Access Cover.....	774.81	20.31
			<i>For Vandal Proof Screws, Add</i>	19.50	
			<i>For Nickel Bronze, Add</i>	22.50	
22 05 76 00-0024	EA		10" x 10" Bronze Wall Or Floor Access Cover.....	827.92	21.48
			<i>For Vandal Proof Screws, Add</i>	19.50	
			<i>For Nickel Bronze, Add</i>	22.50	
22 05 76 00-0025	EA		14" x 14" Bronze Wall Or Floor Access Cover.....	926.07	24.38
			<i>For Vandal Proof Screws, Add</i>	19.50	
			<i>For Nickel Bronze, Add</i>	22.50	
22 05 76 00-0026			Secured Square Wall Access Panel, Bronze Polished Top (22 05 76 00-0014)		
			Note: Cover and screw only.		
22 05 76 00-0027	EA		6" x 6" Bronze Secured Wall Access Panel.....	547.13	19.38
			<i>For Vandal Proof Screws, Add</i>	19.50	
			<i>For Nickel Bronze, Add</i>	22.50	
22 05 76 00-0028	EA		8" x 8" Bronze Secured Wall Access Panel.....	789.17	20.31
			<i>For Vandal Proof Screws, Add</i>	19.50	
			<i>For Nickel Bronze, Add</i>	22.50	
22 05 76 00-0029	EA		10" x 10" Bronze Secured Wall Access Panel.....	843.27	21.48
			<i>For Vandal Proof Screws, Add</i>	19.50	
			<i>For Nickel Bronze, Add</i>	22.50	
22 05 76 00-0030	EA		12" x 12" Bronze Secured Wall Access Panel.....	943.23	24.38
			<i>For Vandal Proof Screws, Add</i>	19.50	
			<i>For Nickel Bronze, Add</i>	22.50	
22 05 76 00-0031			Secure Square Hinged Access Panel, Bronze Polished Top, Scoriated (22 05 76 00-0014)		
			Note: Cover and screw only.		
22 05 76 00-0032	EA		6" x 6" Bronze Secured Hinged Access Panel, Scoriated.....	530.66	19.38
			<i>For Vandal Proof Screws, Add</i>	19.50	
			<i>For Nickel Bronze, Add</i>	22.50	
22 05 76 00-0033	EA		8" x 8" Bronze Secured Hinged Access Panel, Scoriated.....	735.03	20.31
			<i>For Vandal Proof Screws, Add</i>	19.50	
			<i>For Nickel Bronze, Add</i>	22.50	
22 05 76 00-0034	EA		10" x 10" Bronze Secured Hinged Access Panel, Scoriated.....	1,043.35	21.48
			<i>For Vandal Proof Screws, Add</i>	19.50	
			<i>For Nickel Bronze, Add</i>	22.50	
22 05 76 00-0035	EA		12" x 12" Bronze Secured Hinged Access Panel, Scoriated.....	1,263.36	24.38
			<i>For Vandal Proof Screws, Add</i>	19.50	
			<i>For Nickel Bronze, Add</i>	22.50	

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 05 76 00-0036	Cast Iron Cleanout Tee <small>(22 05 76)</small>			
22 05 76 00-0037	Cast Iron Cleanout Tee And Round Access Cover <small>(22 05 76 00-0036)</small>			
	Note: Satin smooth secured cover.			
22 05 76 00-0038	EA 2" Cleanout Tee With Cast Brass Screw Plug And Round Polished Bronze Cover	489.62	61.75	
	For Vandal Proof Screws, Add	19.50		
	For Scoriated Hinged Cover, Add	54.92		
	For Galvanized Cast Iron Parts, Add	88.80		
22 05 76 00-0039	EA 3" Cleanout Tee With Cast Brass Screw Plug And Round Polished Bronze Cover	559.00	77.31	
	For Vandal Proof Screws, Add	19.50		
	For Scoriated Hinged Cover, Add	60.65		
	For Galvanized Cast Iron Parts, Add	88.80		
22 05 76 00-0040	EA 4" Cleanout Tee With Cast Brass Screw Plug And Round Polished Bronze Cover	730.36	93.56	
	For Vandal Proof Screws, Add	19.50		
	For Scoriated Hinged Cover, Add	81.47		
	For Galvanized Cast Iron Parts, Add	88.80		
22 05 76 00-0041	EA 6" Cleanout Tee With Cast Brass Screw Plug And Round Polished Bronze Cover	1,752.00	113.40	
	For Vandal Proof Screws, Add	19.50		
	For Scoriated Hinged Cover, Add	228.79		
	For Galvanized Cast Iron Parts, Add	88.80		
22 05 76 00-0042	Cast Iron Cleanout Tee And Square Access Cover <small>(22 05 76 00-0036)</small>			
	Note: Satin smooth secured cover.			
22 05 76 00-0043	EA 2" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	855.76	61.75	
	For Vandal Proof Screws, Add	19.50		
	For Scoriated Hinged Cover, Add	109.84		
	For Galvanized Cast Iron Parts, Add	88.80		
22 05 76 00-0044	EA 3" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	925.14	77.31	
	For Vandal Proof Screws, Add	19.50		
	For Scoriated Hinged Cover, Add	115.57		
	For Galvanized Cast Iron Parts, Add	88.80		
22 05 76 00-0045	EA 4" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	1,072.20	93.56	
	For Vandal Proof Screws, Add	19.50		
	For Scoriated Hinged Cover, Add	132.75		
	For Galvanized Cast Iron Parts, Add	88.80		
22 05 76 00-0046	EA 6" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	2,246.55	113.40	
	For Vandal Proof Screws, Add	19.50		
	For Scoriated Hinged Cover, Add	302.98		
	For Galvanized Cast Iron Parts, Add	88.80		
22 05 76 00-0047	Cast Iron Cleanout Tee With Brass Plug <small>(22 05 76 00-0036)</small>			
22 05 76 00-0048	EA 2" Cleanout Tee With Cast Bronze Screw Plug	401.23	50.49	
22 05 76 00-0049	EA 3" Cleanout Tee With Cast Bronze Screw Plug	448.70	55.14	
22 05 76 00-0050	EA 4" Cleanout Tee With Cast Bronze Screw Plug	598.07	72.55	
22 05 76 00-0051	EA 5" Cleanout Tee With Cast Bronze Screw Plug	900.72	85.90	
22 05 76 00-0052	EA 6" Cleanout Tee With Cast Bronze Screw Plug	1,539.51	101.56	
22 05 76 00-0053	Removable Cleanout Plug <small>(22 05 76)</small>			
22 05 76 00-0054	Threaded Bronze Plugs <small>(22 05 76 00-0053)</small>			
22 05 76 00-0055	EA 1-1/4", 1-1/2" Or 2" Threaded Bronze Plug	80.59	14.51	
	For Plug Tapped For Center Screw, Add	9.50		
22 05 76 00-0056	EA 2-1/2" Threaded Bronze Plug	96.96	15.79	
	For Plug Tapped For Center Screw, Add	9.50		
22 05 76 00-0057	EA 3" Threaded Bronze Plug	168.24	17.41	
	For Plug Tapped For Center Screw, Add	9.50		
22 05 76 00-0058	EA 3-1/2" Threaded Bronze Plug	188.10	20.31	
	For Plug Tapped For Center Screw, Add	9.50		
22 05 76 00-0059	EA 4" Threaded Bronze Plug	212.62	23.22	
	For Plug Tapped For Center Screw, Add	9.50		
22 05 76 00-0060	EA 5" Threaded Bronze Plug	300.32	26.12	
	For Plug Tapped For Center Screw, Add	9.50		
22 05 76 00-0061	EA 6" Threaded Bronze Plug	444.16	29.02	
	For Plug Tapped For Center Screw, Add	9.50		
22 05 76 00-0062	EA 8" Threaded Bronze Plug	754.01	31.92	
	For Plug Tapped For Center Screw, Add	9.50		
22 05 76 00-0063	EA 10" Threaded Bronze Plug	1,087.35	34.82	
	For Plug Tapped For Center Screw, Add	9.50		
22 05 76 00-0064	Threaded Brass Plugs <small>(22 05 76 00-0053)</small>			
22 05 76 00-0065	EA 1-1/2" Threaded Brass Plug, Raised Head	32.35	14.51	
	For Plug Tapped For Center Screw, Add	9.50		
22 05 76 00-0066	EA 2" Threaded Brass Plug, Raised Head	32.92	14.51	
	For Plug Tapped For Center Screw, Add	9.50		
22 05 76 00-0067	EA 2-1/2" Threaded Brass Plug, Raised Head	35.91	15.79	
	For Plug Tapped For Center Screw, Add	9.50		
22 05 76 00-0068	EA 3" Threaded Brass Plug, Raised Head	40.65	17.41	
	For Plug Tapped For Center Screw, Add	9.50		
22 05 76 00-0069	EA 3-1/2" Threaded Brass Plug, Raised Head	48.03	20.31	
	For Plug Tapped For Center Screw, Add	9.50		
22 05 76 00-0070	EA 4" Threaded Brass Plug, Raised Head	56.45	23.21	
	For Plug Tapped For Center Screw, Add	9.50		
22 05 76 00-0071	EA 4-1/2" Threaded Brass Plug, Raised Head	60.64	24.45	
	For Plug Tapped For Center Screw, Add	9.50		

22 Plumbing**22 05 Common Work Results for Plumbing****22 05 76 Facility Drainage Piping Cleanouts**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 05 76 00-0072	EA	5" Threaded Brass Plug, Raised Head <i>For Plug Tapped For Center Screw, Add</i>	65.21	26.12
			9.50	
22 05 76 00-0073	EA	6" Threaded Brass Plug, Raised Head <i>For Plug Tapped For Center Screw, Add</i>	85.04	29.02
			9.50	
22 05 76 00-0074	EA	1-1/2" Threaded Brass Plug, Countersunk Head <i>For Plug Tapped For Center Screw, Add</i>	31.89	14.51
			9.50	
22 05 76 00-0075	EA	2" Threaded Brass Plug, Countersunk Head <i>For Plug Tapped For Center Screw, Add</i>	32.53	14.51
			9.50	
22 05 76 00-0076	EA	2-1/2" Threaded Brass Plug, Countersunk Head <i>For Plug Tapped For Center Screw, Add</i>	37.17	15.79
			9.50	
22 05 76 00-0077	EA	3" Threaded Brass Plug, Countersunk Head <i>For Plug Tapped For Center Screw, Add</i>	40.83	17.41
			9.50	
22 05 76 00-0078	EA	3-1/2" Threaded Brass Plug, Countersunk Head <i>For Plug Tapped For Center Screw, Add</i>	47.48	20.31
			9.50	
22 05 76 00-0079	EA	4" Threaded Brass Plug, Countersunk Head <i>For Plug Tapped For Center Screw, Add</i>	55.59	23.22
			9.50	
22 05 76 00-0080	EA	5" Threaded Brass Plug, Countersunk Head <i>For Plug Tapped For Center Screw, Add</i>	64.74	26.12
			9.50	
22 05 76 00-0081	EA	6" Threaded Brass Plug, Countersunk Head <i>For Plug Tapped For Center Screw, Add</i>	77.51	29.02
			9.50	

22 07 Plumbing Insulation ⁽²²⁾**22 07 16 Plumbing Equipment Insulation** ^(22 07)

22 07 16 00-0001		Lavatory Insulation ^(22 07 16)		
22 07 16 00-0002	EA	Neoprene Insulation Kit For Under Lavatories	331.32	26.09

22 07 19 Plumbing Piping Insulation ^(22 07)

22 07 19 00-0001		Fiberglass (Glass Fiber) Pipe Insulation ^(22 07 19)		
		Note: Includes factory applied All Service Jacket (ASJ), Self Sealing Lap (SSL) longitudinal seam, butt strip seals, and adhesive. Excludes insulation for fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.		
22 07 19 00-0002		1/2" Thick Fiberglass Pipe Insulation ^(22 07 19 00-0001)		
22 07 19 00-0003	LF	1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	8.60	2.55
22 07 19 00-0004	LF	3/4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	8.79	2.55
22 07 19 00-0005	LF	1" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	9.34	2.67
22 07 19 00-0006	LF	1-1/4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	9.67	2.78
22 07 19 00-0007	LF	1-1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	9.95	2.78
22 07 19 00-0008	LF	2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	10.53	2.90
22 07 19 00-0009	LF	2-1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	11.05	3.01
22 07 19 00-0010	LF	3" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	11.65	3.13
22 07 19 00-0011	LF	4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	13.25	3.36
22 07 19 00-0012	LF	6" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	15.65	3.95
22 07 19 00-0013		1" Thick Fiberglass Pipe Insulation ^(22 07 19 00-0001)		
22 07 19 00-0014	LF	1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	11.55	3.48
22 07 19 00-0015	LF	3/4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	11.84	3.48
22 07 19 00-0016	LF	1" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	12.03	3.48
22 07 19 00-0017	LF	1-1/4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	12.46	3.59
22 07 19 00-0018	LF	1-1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	12.80	3.59
22 07 19 00-0019	LF	2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	13.35	3.72
22 07 19 00-0020	LF	2-1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	14.08	3.95
22 07 19 00-0021	LF	3" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	14.80	4.06
22 07 19 00-0022	LF	4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	16.75	4.29
22 07 19 00-0023	LF	6" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	19.38	4.98
22 07 19 00-0024	LF	8" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	23.96	5.57
22 07 19 00-0025	LF	10" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	28.18	6.61
22 07 19 00-0026	LF	12" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	32.34	7.54
22 07 19 00-0027	LF	14" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	34.90	8.24
22 07 19 00-0028		1-1/2" Thick Fiberglass Pipe Insulation ^(22 07 19 00-0001)		
22 07 19 00-0029	LF	1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	14.03	3.58
22 07 19 00-0030	LF	3/4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	14.21	3.58
22 07 19 00-0031	LF	1" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	15.02	3.80
22 07 19 00-0032	LF	1-1/4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	15.55	3.88
22 07 19 00-0033	LF	1-1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	16.01	3.95
22 07 19 00-0034	LF	2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	17.08	4.15
22 07 19 00-0035	LF	2-1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	17.82	4.22
22 07 19 00-0036	LF	3" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	18.40	4.37
22 07 19 00-0037	LF	4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	20.31	4.73
22 07 19 00-0038	LF	6" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	23.52	5.52
22 07 19 00-0039	LF	8" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	26.45	5.82
22 07 19 00-0040	LF	10" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	32.32	6.97
22 07 19 00-0041	LF	12" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	36.65	8.12
22 07 19 00-0042	LF	14" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	41.04	8.89

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 07 19 00-0043	2" Thick Fiberglass Pipe Insulation (22 07 19 00-0001)		
22 07 19 00-0044	LF 1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	17.32	3.95
22 07 19 00-0045	LF 3/4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	17.54	3.95
22 07 19 00-0046	LF 1" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	18.15	4.06
22 07 19 00-0047	LF 1-1/4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	18.69	4.06
22 07 19 00-0048	LF 1-1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	19.25	4.18
22 07 19 00-0049	LF 2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	19.97	4.29
22 07 19 00-0050	LF 2-1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	21.00	4.41
22 07 19 00-0051	LF 3" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	22.12	4.64
22 07 19 00-0052	LF 4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	24.18	4.87
22 07 19 00-0053	LF 6" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	28.60	5.72
22 07 19 00-0054	LF 8" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	32.48	6.04
22 07 19 00-0055	LF 10" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	38.88	7.22
22 07 19 00-0056	LF 12" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	44.69	8.66
22 07 19 00-0057	LF 14" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	56.89	9.45
22 07 19 00-0058	LF 16" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	60.12	11.08
22 07 19 00-0059	LF 18" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	66.80	11.63
22 07 19 00-0060	LF 20" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	75.70	13.29
22 07 19 00-0061	LF 24" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	87.92	16.06

22 07 19 00-0062	2-1/2" Thick Fiberglass Pipe Insulation (22 07 19 00-0001)		
22 07 19 00-0063	LF 1/2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	21.51	4.64
22 07 19 00-0064	LF 3/4" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	21.82	4.64
22 07 19 00-0065	LF 1" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	22.69	4.64
22 07 19 00-0066	LF 1-1/4" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	23.34	4.75
22 07 19 00-0067	LF 1-1/2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	24.01	4.75
22 07 19 00-0068	LF 2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	25.01	4.98
22 07 19 00-0069	LF 2-1/2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	26.43	5.10
22 07 19 00-0070	LF 3" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	27.72	5.34
22 07 19 00-0071	LF 4" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	30.67	5.57
22 07 19 00-0072	LF 6" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	35.17	5.91
22 07 19 00-0073	LF 8" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	47.06	7.08
22 07 19 00-0074	LF 10" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	56.24	8.12
22 07 19 00-0075	LF 12" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	63.85	10.09
22 07 19 00-0076	LF 14" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	72.25	11.14
22 07 19 00-0077	LF 16" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	84.93	14.15
22 07 19 00-0078	LF 18" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	91.36	14.84
22 07 19 00-0079	LF 20" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	103.68	16.93
22 07 19 00-0080	LF 24" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	121.90	20.46

22 07 19 00-0081	3" Thick Fiberglass Pipe Insulation (22 07 19 00-0001)		
22 07 19 00-0082	LF 1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	23.72	5.13
22 07 19 00-0083	LF 3/4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	24.06	5.13
22 07 19 00-0084	LF 1" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	24.95	5.18
22 07 19 00-0085	LF 1-1/4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	25.64	5.21
22 07 19 00-0086	LF 1-1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	26.43	5.27
22 07 19 00-0087	LF 2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	27.46	5.46
22 07 19 00-0088	LF 2-1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	29.01	5.65
22 07 19 00-0089	LF 3" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	30.44	5.86
22 07 19 00-0090	LF 4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	33.71	6.18
22 07 19 00-0091	LF 6" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	38.63	7.02
22 07 19 00-0092	LF 8" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	51.70	7.81
22 07 19 00-0093	LF 10" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	61.78	9.02
22 07 19 00-0094	LF 12" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	70.16	11.22
22 07 19 00-0095	LF 14" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	79.36	12.24
22 07 19 00-0096	LF 16" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	93.30	15.65
22 07 19 00-0097	LF 18" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	100.37	16.43
22 07 19 00-0098	LF 20" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	113.92	18.79
22 07 19 00-0099	LF 24" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	133.93	22.68

22 07 19 00-0100	3-1/2" Thick Fiberglass Pipe Insulation (22 07 19 00-0001)		
22 07 19 00-0101	LF 1/2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	25.56	5.57
22 07 19 00-0102	LF 3/4" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	25.95	5.57
22 07 19 00-0103	LF 1" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	27.25	5.57
22 07 19 00-0104	LF 1-1/4" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	28.00	5.68
22 07 19 00-0105	LF 1-1/2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	28.90	5.68
22 07 19 00-0106	LF 2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	29.96	5.91
22 07 19 00-0107	LF 2-1/2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	31.67	6.14
22 07 19 00-0108	LF 3" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	33.12	6.37
22 07 19 00-0109	LF 4" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	36.84	6.73
22 07 19 00-0110	LF 6" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	42.18	7.65
22 07 19 00-0111	LF 8" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	56.45	8.47
22 07 19 00-0112	LF 10" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	67.48	9.74
22 07 19 00-0113	LF 12" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	76.61	12.17
22 07 19 00-0114	LF 14" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	86.70	13.33
22 07 19 00-0115	LF 16" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	101.94	16.93
22 07 19 00-0116	LF 18" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	109.63	17.86
22 07 19 00-0117	LF 20" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	124.46	20.41
22 07 19 00-0118	LF 24" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	146.30	24.59

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 07 19 00-0119		4" Thick Fiberglass Pipe Insulation (22 07 19 00-0001)			
22 07 19 00-0120	LF	1/2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	28.99	6.26	
22 07 19 00-0121	LF	3/4" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	29.42	6.26	
22 07 19 00-0122	LF	1" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	30.61	6.26	
22 07 19 00-0123	LF	1-1/4" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	31.56	6.37	
22 07 19 00-0124	LF	1-1/2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	32.88	6.61	
22 07 19 00-0125	LF	2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	34.08	6.84	
22 07 19 00-0126	LF	2-1/2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	35.62	6.84	
22 07 19 00-0127	LF	3" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	37.40	7.19	
22 07 19 00-0128	LF	4" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	41.40	7.54	
22 07 19 00-0129	LF	6" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	47.45	8.58	
22 07 19 00-0130	LF	8" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	63.51	9.27	
22 07 19 00-0131	LF	10" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	75.94	11.02	
22 07 19 00-0132	LF	12" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	86.22	13.68	
22 07 19 00-0133	LF	14" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	97.56	14.96	
22 07 19 00-0134	LF	16" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	114.72	19.13	
22 07 19 00-0135	LF	18" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	123.28	20.06	
22 07 19 00-0136	LF	20" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	138.23	22.96	
22 07 19 00-0137	LF	24" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	164.61	27.71	

22 07 19 00-0138		Foamglas (Cellular Glass) Pipe Insulation, Rigid, Closed Cell (22 07 19)			
Note: Includes adhesive. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.					

22 07 19 00-0139		1" Thick Foamglas Pipe Insulation (22 07 19 00-0138)			
22 07 19 00-0140	LF	1/2" Diameter Pipe, 1" Thick Foamglas Insulation	19.93	5.66	
		<i>For Work In Restricted Working Space, Add</i>	5.14		
22 07 19 00-0141	LF	3/4" Diameter Pipe, 1" Thick Foamglas Insulation	20.64	5.66	
		<i>For Work In Restricted Working Space, Add</i>	5.14		
22 07 19 00-0142	LF	1" Diameter Pipe, 1" Thick Foamglas Insulation	21.60	5.74	
		<i>For Work In Restricted Working Space, Add</i>	5.21		
22 07 19 00-0143	LF	1-1/4" Diameter Pipe, 1" Thick Foamglas Insulation	22.09	5.82	
		<i>For Work In Restricted Working Space, Add</i>	5.29		
22 07 19 00-0144	LF	1-1/2" Diameter Pipe, 1" Thick Foamglas Insulation	22.81	5.90	
		<i>For Work In Restricted Working Space, Add</i>	5.37		
22 07 19 00-0145	LF	2" Diameter Pipe, 1" Thick Foamglas Insulation	24.22	6.06	
		<i>For Work In Restricted Working Space, Add</i>	5.52		
22 07 19 00-0146	LF	2-1/2" Diameter Pipe, 1" Thick Foamglas Insulation	25.98	6.32	
		<i>For Work In Restricted Working Space, Add</i>	5.74		
22 07 19 00-0147	LF	3" Diameter Pipe, 1" Thick Foamglas Insulation	27.87	6.48	
		<i>For Work In Restricted Working Space, Add</i>	5.89		
22 07 19 00-0148	LF	4" Diameter Pipe, 1" Thick Foamglas Insulation	31.96	6.97	
		<i>For Work In Restricted Working Space, Add</i>	6.34		
22 07 19 00-0149	LF	6" Diameter Pipe, 1" Thick Foamglas Insulation	40.23	7.86	
		<i>For Work In Restricted Working Space, Add</i>	7.15		

22 07 19 00-0150		1-1/2" Thick Foamglas Pipe Insulation (22 07 19 00-0138)			
22 07 19 00-0151	LF	1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	23.32	6.27	
		<i>For Work In Restricted Working Space, Add</i>	5.52		
22 07 19 00-0152	LF	3/4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	23.77	6.27	
		<i>For Work In Restricted Working Space, Add</i>	5.52		
22 07 19 00-0153	LF	1" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	24.46	6.35	
		<i>For Work In Restricted Working Space, Add</i>	5.59		
22 07 19 00-0154	LF	1-1/4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	25.03	6.43	
		<i>For Work In Restricted Working Space, Add</i>	5.66		
22 07 19 00-0155	LF	1-1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	25.56	6.52	
		<i>For Work In Restricted Working Space, Add</i>	5.74		
22 07 19 00-0156	LF	2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	27.57	6.74	
		<i>For Work In Restricted Working Space, Add</i>	5.93		
22 07 19 00-0157	LF	2-1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	30.94	6.99	
		<i>For Work In Restricted Working Space, Add</i>	6.15		
22 07 19 00-0158	LF	3" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	33.93	7.20	
		<i>For Work In Restricted Working Space, Add</i>	6.34		
22 07 19 00-0159	LF	4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	38.22	7.66	
		<i>For Work In Restricted Working Space, Add</i>	6.75		
22 07 19 00-0160	LF	6" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	44.85	8.69	
		<i>For Work In Restricted Working Space, Add</i>	7.64		
22 07 19 00-0161	LF	8" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	50.14	9.69	
		<i>For Work In Restricted Working Space, Add</i>	8.52		
22 07 19 00-0162	LF	10" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	60.59	11.17	
		<i>For Work In Restricted Working Space, Add</i>	9.82		
22 07 19 00-0163	LF	12" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	72.16	13.88	
		<i>For Work In Restricted Working Space, Add</i>	12.21		
22 07 19 00-0164	LF	14" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	80.04	14.60	
		<i>For Work In Restricted Working Space, Add</i>	13.27		
22 07 19 00-0165	LF	16" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	88.22	16.30	
		<i>For Work In Restricted Working Space, Add</i>	14.82		
22 07 19 00-0166	LF	18" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	100.34	19.28	
		<i>For Work In Restricted Working Space, Add</i>	17.53		
22 07 19 00-0167	LF	20" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	112.01	21.35	
		<i>For Work In Restricted Working Space, Add</i>	19.41		
22 07 19 00-0168	LF	24" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation	138.53	23.65	
		<i>For Work In Restricted Working Space, Add</i>	21.50		

MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 07 19 00-0169 2" Thick Foamglas Pipe Insulation (22 07 19 00-0138)			
22 07 19 00-0170	LF 1/2" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	26.07 5.89	6.48
22 07 19 00-0171	LF 3/4" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	26.76 5.89	6.48
22 07 19 00-0172	LF 1" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	27.69 5.96	6.55
22 07 19 00-0173	LF 1-1/4" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	29.02 6.04	6.65
22 07 19 00-0174	LF 1-1/2" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	30.38 6.11	6.73
22 07 19 00-0175	LF 2" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	33.72 6.34	6.97
22 07 19 00-0176	LF 2-1/2" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	35.33 6.56	7.22
22 07 19 00-0177	LF 3" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	37.79 6.78	7.46
22 07 19 00-0178	LF 4" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	42.32 7.16	7.87
22 07 19 00-0179	LF 6" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	50.41 8.12	8.94
22 07 19 00-0180	LF 8" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	56.14 9.06	9.97
22 07 19 00-0181	LF 10" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	68.05 10.45	11.49
22 07 19 00-0182	LF 12" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	84.31 12.99	14.29
22 07 19 00-0183	LF 14" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	90.21 14.18	15.60
22 07 19 00-0184	LF 16" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	107.28 18.12	19.94
22 07 19 00-0185	LF 18" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	116.62 19.02	20.93
22 07 19 00-0186	LF 20" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	129.34 21.75	23.92
22 07 19 00-0187	LF 24" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	161.78 26.28	28.90
22 07 19 00-0188 2-1/2" Thick Foamglas Pipe Insulation (22 07 19 00-0138)			
22 07 19 00-0189	LF 1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	31.30 6.39	7.03
22 07 19 00-0190	LF 3/4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	32.47 6.38	7.02
22 07 19 00-0191	LF 1" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	34.02 6.49	7.13
22 07 19 00-0192	LF 1-1/4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	35.36 6.53	7.19
22 07 19 00-0193	LF 1-1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	36.72 6.59	7.25
22 07 19 00-0194	LF 2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	39.27 6.86	7.54
22 07 19 00-0195	LF 2-1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	41.69 7.09	7.80
22 07 19 00-0196	LF 3" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	45.12 7.34	8.08
22 07 19 00-0197	LF 4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	50.34 7.74	8.51
22 07 19 00-0198	LF 6" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	60.00 8.80	9.69
22 07 19 00-0199	LF 8" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	66.85 9.81	10.79
22 07 19 00-0200	LF 10" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	76.33 11.31	12.44
22 07 19 00-0201	LF 12" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	95.03 14.06	15.47
22 07 19 00-0202	LF 14" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	99.40 15.35	16.89
22 07 19 00-0203	LF 16" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	117.87 19.62	21.58
22 07 19 00-0204	LF 18" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	127.85 20.60	22.65
22 07 19 00-0205	LF 20" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	146.94 23.55	25.90
22 07 19 00-0206	LF 24" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	183.56 28.45	31.29
22 07 19 00-0207 3" Thick Foamglas Pipe Insulation (22 07 19 00-0138)			
22 07 19 00-0208	LF 1/2" Diameter Pipe, 3" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	37.41 6.79	7.47
22 07 19 00-0209	LF 3/4" Diameter Pipe, 3" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	38.12 6.79	7.47
22 07 19 00-0210	LF 1" Diameter Pipe, 3" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	39.21 6.90	7.59

22 Plumbing**22 07 Plumbing Insulation****22 07 19 Plumbing Piping Insulation**
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22 07 19 00-0211	LF	1-1/4" Diameter Pipe, 3" Thick Foamglas Insulation	40.08	7.64
		<i>For Work In Restricted Working Space, Add</i>	6.95	
22 07 19 00-0212	LF	1-1/2" Diameter Pipe, 3" Thick Foamglas Insulation	40.99	7.71
		<i>For Work In Restricted Working Space, Add</i>	7.01	
22 07 19 00-0213	LF	2" Diameter Pipe, 3" Thick Foamglas Insulation	43.95	8.02
		<i>For Work In Restricted Working Space, Add</i>	7.30	
22 07 19 00-0214	LF	2-1/2" Diameter Pipe, 3" Thick Foamglas Insulation	46.78	8.31
		<i>For Work In Restricted Working Space, Add</i>	7.55	
22 07 19 00-0215	LF	3" Diameter Pipe, 3" Thick Foamglas Insulation	52.83	8.59
		<i>For Work In Restricted Working Space, Add</i>	7.81	
22 07 19 00-0216	LF	4" Diameter Pipe, 3" Thick Foamglas Insulation	60.00	9.05
		<i>For Work In Restricted Working Space, Add</i>	8.24	
22 07 19 00-0217	LF	6" Diameter Pipe, 3" Thick Foamglas Insulation	65.84	10.30
		<i>For Work In Restricted Working Space, Add</i>	9.36	
22 07 19 00-0218	LF	8" Diameter Pipe, 3" Thick Foamglas Insulation	74.31	11.48
		<i>For Work In Restricted Working Space, Add</i>	10.44	
22 07 19 00-0219	LF	10" Diameter Pipe, 3" Thick Foamglas Insulation	88.48	13.24
		<i>For Work In Restricted Working Space, Add</i>	12.04	
22 07 19 00-0220	LF	12" Diameter Pipe, 3" Thick Foamglas Insulation	103.17	16.45
		<i>For Work In Restricted Working Space, Add</i>	14.96	
22 07 19 00-0221	LF	14" Diameter Pipe, 3" Thick Foamglas Insulation	110.60	17.96
		<i>For Work In Restricted Working Space, Add</i>	16.33	
22 07 19 00-0222	LF	16" Diameter Pipe, 3" Thick Foamglas Insulation	132.61	22.96
		<i>For Work In Restricted Working Space, Add</i>	20.87	
22 07 19 00-0223	LF	18" Diameter Pipe, 3" Thick Foamglas Insulation	141.79	24.10
		<i>For Work In Restricted Working Space, Add</i>	21.92	
22 07 19 00-0224	LF	20" Diameter Pipe, 3" Thick Foamglas Insulation	165.89	27.55
		<i>For Work In Restricted Working Space, Add</i>	25.05	
22 07 19 00-0225	LF	24" Diameter Pipe, 3" Thick Foamglas Insulation	202.66	33.29
		<i>For Work In Restricted Working Space, Add</i>	30.26	

22 07 19 00-0226 3-1/2" Thick Foamglas Pipe Insulation (22 07 19 00-0138)

22 07 19 00-0227	LF	1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	45.09	9.05
		<i>For Work In Restricted Working Space, Add</i>	8.24	
22 07 19 00-0228	LF	3/4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	45.98	9.05
		<i>For Work In Restricted Working Space, Add</i>	8.24	
22 07 19 00-0229	LF	1" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	47.05	9.11
		<i>For Work In Restricted Working Space, Add</i>	8.29	
22 07 19 00-0230	LF	1-1/4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	48.12	9.17
		<i>For Work In Restricted Working Space, Add</i>	8.34	
22 07 19 00-0231	LF	1-1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	49.36	9.28
		<i>For Work In Restricted Working Space, Add</i>	8.45	
22 07 19 00-0232	LF	2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	54.09	9.62
		<i>For Work In Restricted Working Space, Add</i>	8.74	
22 07 19 00-0233	LF	2-1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	58.87	9.95
		<i>For Work In Restricted Working Space, Add</i>	9.04	
22 07 19 00-0234	LF	3" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	62.10	10.30
		<i>For Work In Restricted Working Space, Add</i>	9.36	
22 07 19 00-0235	LF	4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	66.46	10.88
		<i>For Work In Restricted Working Space, Add</i>	9.89	
22 07 19 00-0236	LF	6" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	76.45	12.36
		<i>For Work In Restricted Working Space, Add</i>	11.24	
22 07 19 00-0237	LF	8" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	86.83	13.76
		<i>For Work In Restricted Working Space, Add</i>	12.51	
22 07 19 00-0238	LF	10" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	103.65	15.89
		<i>For Work In Restricted Working Space, Add</i>	14.44	
22 07 19 00-0239	LF	12" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	122.82	19.74
		<i>For Work In Restricted Working Space, Add</i>	17.95	
22 07 19 00-0240	LF	14" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	128.45	21.56
		<i>For Work In Restricted Working Space, Add</i>	19.60	
22 07 19 00-0241	LF	16" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	154.58	27.55
		<i>For Work In Restricted Working Space, Add</i>	25.05	
22 07 19 00-0242	LF	18" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	169.43	28.93
		<i>For Work In Restricted Working Space, Add</i>	26.30	
22 07 19 00-0243	LF	20" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	192.95	33.09
		<i>For Work In Restricted Working Space, Add</i>	30.08	
22 07 19 00-0244	LF	24" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	236.70	39.95
		<i>For Work In Restricted Working Space, Add</i>	36.32	

22 07 19 00-0245 4" Thick Foamglas Pipe Insulation (22 07 19 00-0138)

22 07 19 00-0246	LF	1/2" Diameter Pipe, 4" Thick Foamglas Insulation	54.93	11.14
		<i>For Work In Restricted Working Space, Add</i>	10.12	
22 07 19 00-0247	LF	3/4" Diameter Pipe, 4" Thick Foamglas Insulation	56.08	11.14
		<i>For Work In Restricted Working Space, Add</i>	10.12	
22 07 19 00-0248	LF	1" Diameter Pipe, 4" Thick Foamglas Insulation	57.81	11.32
		<i>For Work In Restricted Working Space, Add</i>	10.29	
22 07 19 00-0249	LF	1-1/4" Diameter Pipe, 4" Thick Foamglas Insulation	59.36	11.46
		<i>For Work In Restricted Working Space, Add</i>	10.41	
22 07 19 00-0250	LF	1-1/2" Diameter Pipe, 4" Thick Foamglas Insulation	61.60	11.82
		<i>For Work In Restricted Working Space, Add</i>	10.74	
22 07 19 00-0251	LF	2" Diameter Pipe, 4" Thick Foamglas Insulation	66.36	12.17
		<i>For Work In Restricted Working Space, Add</i>	11.07	
22 07 19 00-0252	LF	2-1/2" Diameter Pipe, 4" Thick Foamglas Insulation	70.55	12.37
		<i>For Work In Restricted Working Space, Add</i>	11.24	
22 07 19 00-0253	LF	3" Diameter Pipe, 4" Thick Foamglas Insulation	74.01	12.83
		<i>For Work In Restricted Working Space, Add</i>	11.66	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 07 19 00-0254	LF	4" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	80.99 13.00	14.30
22 07 19 00-0255	LF	6" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	93.29 13.96	15.35
22 07 19 00-0256	LF	8" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	105.09 15.14	16.65
22 07 19 00-0257	LF	10" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	120.60 17.99	19.79
22 07 19 00-0258	LF	12" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	141.39 22.34	24.57
22 07 19 00-0259	LF	14" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	153.78 24.40	26.83
22 07 19 00-0260	LF	16" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	183.34 31.19	34.31
22 07 19 00-0261	LF	18" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	203.24 32.69	35.96
22 07 19 00-0262	LF	20" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	228.11 37.41	41.15
22 07 19 00-0263	LF	24" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	288.51 45.20	49.72

22 07 19 00-0264 Polyisocyanurate Pipe Insulation (22 07 19)

Note: Dow Trymer insulation with Saran vapor wrap. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.

22 07 19 00-0265 1/2" Thick Polyisocyanurate Pipe Insulation (22 07 19 00-0264)

22 07 19 00-0266	LF	1/2" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	10.51	2.67
22 07 19 00-0267	LF	3/4" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	11.66	2.78
22 07 19 00-0268	LF	1" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	12.30	3.01
22 07 19 00-0269	LF	1-1/4" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	12.97	3.13
22 07 19 00-0270	LF	1-1/2" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	13.37	3.13
22 07 19 00-0271	LF	2" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	14.13	3.24
22 07 19 00-0272	LF	2-1/2" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	15.17	3.36
22 07 19 00-0273	LF	3" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	16.18	3.59
22 07 19 00-0274	LF	4" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	19.06	4.29
22 07 19 00-0275	LF	6" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	22.85	4.87
22 07 19 00-0276	LF	8" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	27.05	5.68
22 07 19 00-0277	LF	10" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	30.53	6.14
22 07 19 00-0278	LF	12" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	36.27	7.54

22 07 19 00-0279 1" Thick Polyisocyanurate Pipe Insulation (22 07 19 00-0264)

22 07 19 00-0280	LF	1/2" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	12.39	2.78
22 07 19 00-0281	LF	3/4" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	13.98	3.01
22 07 19 00-0282	LF	1" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	14.76	3.13
22 07 19 00-0283	LF	1-1/4" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	15.59	3.24
22 07 19 00-0284	LF	1-1/2" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	16.29	3.36
22 07 19 00-0285	LF	2" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	17.27	3.59
22 07 19 00-0286	LF	2-1/2" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	18.60	3.59
22 07 19 00-0287	LF	3" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	20.01	3.83
22 07 19 00-0288	LF	4" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	23.66	4.52
22 07 19 00-0289	LF	6" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	29.92	5.68
22 07 19 00-0290	LF	8" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	35.99	6.73
22 07 19 00-0291	LF	10" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	41.21	7.54
22 07 19 00-0292	LF	12" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	46.60	8.47

22 07 19 00-0293 1-1/2" Thick Polyisocyanurate Pipe Insulation (22 07 19 00-0264)

22 07 19 00-0294	LF	3/4" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	15.83	3.13
22 07 19 00-0295	LF	1" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	16.75	3.24
22 07 19 00-0296	LF	1-1/4" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	17.79	3.36
22 07 19 00-0297	LF	1-1/2" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	18.60	3.48
22 07 19 00-0298	LF	2" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	19.78	3.59
22 07 19 00-0299	LF	2-1/2" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	21.46	3.83
22 07 19 00-0300	LF	3" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	23.10	3.95
22 07 19 00-0301	LF	4" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	27.36	4.87
22 07 19 00-0302	LF	6" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	34.99	6.14
22 07 19 00-0303	LF	8" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	42.58	7.54
22 07 19 00-0304	LF	10" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	49.04	8.47
22 07 19 00-0305	LF	12" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	54.16	9.04

22 07 19 00-0306 2" Thick Polyisocyanurate Pipe Insulation (22 07 19 00-0264)

22 07 19 00-0307	LF	3/4" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	20.44	3.24
22 07 19 00-0308	LF	1" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	21.73	3.36
22 07 19 00-0309	LF	1-1/4" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	22.89	3.59
22 07 19 00-0310	LF	1-1/2" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	23.87	3.59
22 07 19 00-0311	LF	2" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	24.77	3.83
22 07 19 00-0312	LF	2-1/2" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	26.87	4.06
22 07 19 00-0313	LF	3" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	28.27	4.29
22 07 19 00-0314	LF	4" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	33.67	5.22
22 07 19 00-0315	LF	6" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	40.96	6.73
22 07 19 00-0316	LF	8" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	53.62	8.47

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22 07 19 00-0317	LF	10" Diameter Pipe, 2" Thick Polyisocyanurate Insulation.....	56.97	9.74
22 07 19 00-0318	LF	12" Diameter Pipe, 2" Thick Polyisocyanurate Insulation.....	62.07	10.44
22 07 19 00-0319		Flexible Polyethylene Tubing Closed Cell Foam Insulation <small>(22 07 19)</small>		
		Note: UV resistant standard temperature (-90 Degree F To +212 Degree F). For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.		
22 07 19 00-0320		3/8" Wall Flexible Polyethylene Tubing Foam Insulation <small>(22 07 19 00-0319)</small>		
22 07 19 00-0321	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	7.44	3.46
22 07 19 00-0322	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	7.45	3.46
22 07 19 00-0323	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	7.76	3.59
22 07 19 00-0324	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	8.07	3.72
22 07 19 00-0325	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	8.38	3.78
22 07 19 00-0326	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	8.73	3.84
22 07 19 00-0327	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	8.88	3.84
22 07 19 00-0328	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	9.29	3.84
22 07 19 00-0329	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	10.09	3.96
22 07 19 00-0330	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	10.44	4.03
22 07 19 00-0331		1/2" Wall Flexible Polyethylene Tubing Foam Insulation <small>(22 07 19 00-0319)</small>		
22 07 19 00-0332	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	8.27	3.78
22 07 19 00-0333	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	8.37	3.78
22 07 19 00-0334	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	8.50	3.84
22 07 19 00-0335	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	8.68	3.87
22 07 19 00-0336	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	9.13	3.96
22 07 19 00-0337	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	9.50	4.03
22 07 19 00-0338	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	9.95	4.08
22 07 19 00-0339	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	10.47	4.14
22 07 19 00-0340	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	11.39	4.27
22 07 19 00-0341	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	12.36	4.33
22 07 19 00-0342	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	13.27	4.38
22 07 19 00-0343	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	13.81	4.44
22 07 19 00-0344		3/4" Wall Flexible Polyethylene Tubing Foam Insulation <small>(22 07 19 00-0319)</small>		
22 07 19 00-0345	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	9.23	4.08
22 07 19 00-0346	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	9.34	4.14
22 07 19 00-0347	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	9.96	4.27
22 07 19 00-0348	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	10.24	4.33
22 07 19 00-0349	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	11.01	4.44
22 07 19 00-0350	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	11.81	4.51
22 07 19 00-0351	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	12.17	4.53
22 07 19 00-0352	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	13.64	4.57
22 07 19 00-0353	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	15.66	4.68
22 07 19 00-0354	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	15.77	4.75
22 07 19 00-0355	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	17.23	4.81
22 07 19 00-0356	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	17.83	4.87
22 07 19 00-0357		1" Wall Flexible Polyethylene Tubing Foam Insulation <small>(22 07 19 00-0319)</small>		
22 07 19 00-0358	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	10.52	4.51
22 07 19 00-0359	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	10.80	4.57
22 07 19 00-0360	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	11.69	4.68
22 07 19 00-0361	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	11.95	4.75
22 07 19 00-0362	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	13.29	4.87
22 07 19 00-0363	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	13.96	4.99
22 07 19 00-0364	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	14.22	5.05
22 07 19 00-0365	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	15.52	5.11
22 07 19 00-0366	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	16.44	5.25
22 07 19 00-0367	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	17.25	5.30
22 07 19 00-0368		Flexible Elastomeric Tubing Closed Cell Foam Insulation <small>(22 07 19)</small>		
		Note: For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.		
22 07 19 00-0369		3/8" Wall Flexible Elastomeric Tubing Foam Insulation <small>(22 07 19 00-0368)</small>		
22 07 19 00-0370	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	7.71	3.46
22 07 19 00-0371	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	7.84	3.46
22 07 19 00-0372	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	8.15	3.59
22 07 19 00-0373	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	8.34	3.65
22 07 19 00-0374	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	8.53	3.72
22 07 19 00-0375	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	8.80	3.78
22 07 19 00-0376	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	9.03	3.84
22 07 19 00-0377	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	9.27	3.84
22 07 19 00-0378	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	9.47	3.84
22 07 19 00-0379	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	9.69	3.90
		<i>For Work In Restricted Working Space, Add</i>	2.34	
22 07 19 00-0380	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	10.00	3.96
22 07 19 00-0381	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	10.26	3.96
22 07 19 00-0382	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	10.45	4.03
22 07 19 00-0383	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	10.73	4.03
22 07 19 00-0384	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	11.32	4.08
22 07 19 00-0385	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	12.00	4.14
22 07 19 00-0386	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	12.76	4.16

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22 07 19 00-0387	1/2" Wall Flexible Elastomeric Tubing Foam Insulation (22 07 19 00-0368)		
22 07 19 00-0388	LF 1/4" I.D. (3/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	8.71	3.78
22 07 19 00-0389	LF 3/8" I.D. (1/2" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	8.83	3.78
22 07 19 00-0390	LF 1/2" I.D. (5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	8.95	3.84
22 07 19 00-0391	LF 5/8" I.D. (3/4" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	9.15	3.84
	<i>For Work In Restricted Working Space, Add</i>	2.31	
22 07 19 00-0392	LF 3/4" I.D. (7/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	9.30	3.84
22 07 19 00-0393	LF 1" I.D. (1-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	9.68	3.96
22 07 19 00-0394	LF 1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	10.03	4.03
22 07 19 00-0395	LF 1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	10.35	4.08
22 07 19 00-0396	LF 1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	10.68	4.12
	<i>For Work In Restricted Working Space, Add</i>	2.47	
22 07 19 00-0397	LF 2" I.D. (2-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	10.93	4.14
22 07 19 00-0398	LF 2" IPS (2-3/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	11.92	4.21
	<i>For Work In Restricted Working Space, Add</i>	2.52	
22 07 19 00-0399	LF 2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	12.50	4.27
22 07 19 00-0400	LF 2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	12.95	4.30
	<i>For Work In Restricted Working Space, Add</i>	2.58	
22 07 19 00-0401	LF 3" I.D. (3-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	13.33	4.33
22 07 19 00-0402	LF 3" IPS (3-1/2" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	13.61	4.36
	<i>For Work In Restricted Working Space, Add</i>	2.61	
22 07 19 00-0403	LF 3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	13.84	4.38
22 07 19 00-0404	LF 4" I.D. (4-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	14.97	4.44
22 07 19 00-0405	LF 4" IPS (4-1/2" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	15.24	4.48
	<i>For Work In Restricted Working Space, Add</i>	2.69	
22 07 19 00-0406	LF 5" I.D. (5-9/16" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	16.34	4.51
22 07 19 00-0407	LF 6" IPS (6-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	17.64	4.63
	<i>For Work In Restricted Working Space, Add</i>	2.78	
22 07 19 00-0408	LF 8" IPS (8-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	19.09	4.75
	<i>For Work In Restricted Working Space, Add</i>	2.85	

22 07 19 00-0409	3/4" Wall Flexible Elastomeric Tubing Foam Insulation (22 07 19 00-0368)		
22 07 19 00-0410	LF 1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	10.02	4.08
22 07 19 00-0411	LF 3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	10.29	4.14
22 07 19 00-0412	LF 1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	10.71	4.27
22 07 19 00-0413	LF 5/8" I.D. (3/4" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	10.96	4.30
	<i>For Work In Restricted Working Space, Add</i>	2.58	
22 07 19 00-0414	LF 3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	11.08	4.33
22 07 19 00-0415	LF 1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	11.69	4.44
22 07 19 00-0416	LF 1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	12.18	4.51
22 07 19 00-0417	LF 1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	12.68	4.57
22 07 19 00-0418	LF 1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	12.81	4.57
	<i>For Work In Restricted Working Space, Add</i>	2.74	
22 07 19 00-0419	LF 2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	12.99	4.60
22 07 19 00-0420	LF 2" IPS (2-3/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	13.57	4.63
	<i>For Work In Restricted Working Space, Add</i>	2.78	
22 07 19 00-0421	LF 2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	13.89	4.68
22 07 19 00-0422	LF 2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	14.54	4.72
	<i>For Work In Restricted Working Space, Add</i>	2.83	
22 07 19 00-0423	LF 3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	15.00	4.75
22 07 19 00-0424	LF 3" IPS (3-1/2" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	15.70	4.79
	<i>For Work In Restricted Working Space, Add</i>	2.87	
22 07 19 00-0425	LF 3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	15.97	4.81
22 07 19 00-0426	LF 4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	17.01	4.87
22 07 19 00-0427	LF 4" IPS (4-1/2" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	17.85	4.90
	<i>For Work In Restricted Working Space, Add</i>	2.94	
22 07 19 00-0428	LF 5" IPS (5-9/16" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	19.25	4.92
22 07 19 00-0429	LF 6" IPS (6-5/8" O.D.) Diameter Pipe, 3/4" Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	20.74	4.99
22 07 19 00-0430	LF 8" IPS (8-5/8" O.D.) Diameter Pipe, 3/4" Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	22.53	5.11
	<i>For Work In Restricted Working Space, Add</i>	3.07	

22 07 19 00-0431	1" Wall Flexible Elastomeric Tubing Foam Insulation (22 07 19 00-0368)		
22 07 19 00-0432	LF 1/4" I.D. (3/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	11.73	4.50
	<i>For Work In Restricted Working Space, Add</i>	2.70	
22 07 19 00-0433	LF 3/8" I.D. (1/2" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	12.08	4.57
	<i>For Work In Restricted Working Space, Add</i>	2.74	
22 07 19 00-0434	LF 1/2" I.D. (5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	12.52	4.68
22 07 19 00-0435	LF 5/8" I.D. (3/4" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	12.88	4.72
	<i>For Work In Restricted Working Space, Add</i>	2.83	
22 07 19 00-0436	LF 3/4" I.D. (7/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	13.21	4.75
22 07 19 00-0437	LF 1" I.D. (1-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	13.78	4.87
22 07 19 00-0438	LF 1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	14.67	4.99
22 07 19 00-0439	LF 1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	15.12	5.05
22 07 19 00-0440	LF 1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	15.72	5.09
	<i>For Work In Restricted Working Space, Add</i>	3.05	
22 07 19 00-0441	LF 2" I.D. (2-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	15.94	5.11
22 07 19 00-0442	LF 2" IPS (2-3/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	17.22	5.19
	<i>For Work In Restricted Working Space, Add</i>	3.11	
22 07 19 00-0443	LF 2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	18.24	5.25
22 07 19 00-0444	LF 2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	19.51	5.28
	<i>For Work In Restricted Working Space, Add</i>	3.16	

22 Plumbing**22 07 Plumbing Insulation****22 07 19 Plumbing Piping Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 07 19 00-0445	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	19.89	5.30
		<i>For Work In Restricted Working Space, Add</i>	3.18	
22 07 19 00-0446	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	20.55	5.34
		<i>For Work In Restricted Working Space, Add</i>	3.20	
22 07 19 00-0447	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	20.88	5.36
		<i>For Work In Restricted Working Space, Add</i>	3.21	
22 07 19 00-0448	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	23.32	5.49
		<i>For Work In Restricted Working Space, Add</i>	3.29	
22 07 19 00-0449	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	24.98	5.54
		<i>For Work In Restricted Working Space, Add</i>	3.33	
22 07 19 00-0450	LF	5" IPS (5-9/16" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	27.41	5.60
		<i>For Work In Restricted Working Space, Add</i>	3.36	
22 07 19 00-0451	LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	30.00	5.73
		<i>For Work In Restricted Working Space, Add</i>	3.44	

22 07 19 00-0452 1-1/2" Wall Flexible Elastomeric Tubing Foam Insulation (22 07 19 00-0368)

22 07 19 00-0453	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.80	5.04
		<i>For Work In Restricted Working Space, Add</i>	3.03	
22 07 19 00-0454	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	18.25	5.15
		<i>For Work In Restricted Working Space, Add</i>	3.10	
22 07 19 00-0455	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	18.63	5.19
		<i>For Work In Restricted Working Space, Add</i>	3.11	
22 07 19 00-0456	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	19.00	5.23
		<i>For Work In Restricted Working Space, Add</i>	3.13	
22 07 19 00-0457	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	19.54	5.35
		<i>For Work In Restricted Working Space, Add</i>	3.20	
22 07 19 00-0458	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	20.42	5.54
		<i>For Work In Restricted Working Space, Add</i>	3.32	
22 07 19 00-0459	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	21.62	5.46
		<i>For Work In Restricted Working Space, Add</i>	3.35	
22 07 19 00-0460	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	22.67	5.59
		<i>For Work In Restricted Working Space, Add</i>	3.39	
22 07 19 00-0461	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	23.33	5.73
		<i>For Work In Restricted Working Space, Add</i>	3.44	
22 07 19 00-0462	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	25.33	5.80
		<i>For Work In Restricted Working Space, Add</i>	3.47	
22 07 19 00-0463	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	27.23	5.87
		<i>For Work In Restricted Working Space, Add</i>	3.51	
22 07 19 00-0464	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	28.13	5.89
		<i>For Work In Restricted Working Space, Add</i>	3.53	
22 07 19 00-0465	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	29.02	5.90
		<i>For Work In Restricted Working Space, Add</i>	3.55	
22 07 19 00-0466	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	30.05	5.94
		<i>For Work In Restricted Working Space, Add</i>	3.56	
22 07 19 00-0467	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	30.71	5.96
		<i>For Work In Restricted Working Space, Add</i>	3.58	
22 07 19 00-0468	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	34.28	6.18
		<i>For Work In Restricted Working Space, Add</i>	3.70	
22 07 19 00-0469	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	36.20	6.27
		<i>For Work In Restricted Working Space, Add</i>	3.76	
22 07 19 00-0470	LF	5" IPS (5-9/16" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	40.81	6.36
		<i>For Work In Restricted Working Space, Add</i>	3.82	
22 07 19 00-0471	LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	45.40	6.56
		<i>For Work In Restricted Working Space, Add</i>	3.94	

22 07 19 00-0472 2" Wall Flexible Elastomeric Tubing Foam Insulation (22 07 19 00-0368)

22 07 19 00-0473	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	25.67	5.57
		<i>For Work In Restricted Working Space, Add</i>	3.34	
22 07 19 00-0474	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	26.68	5.65
		<i>For Work In Restricted Working Space, Add</i>	3.41	
22 07 19 00-0475	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	28.39	5.69
		<i>For Work In Restricted Working Space, Add</i>	3.42	
22 07 19 00-0476	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	28.98	5.74
		<i>For Work In Restricted Working Space, Add</i>	3.44	
22 07 19 00-0477	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	30.44	5.86
		<i>For Work In Restricted Working Space, Add</i>	3.51	
22 07 19 00-0478	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	32.24	6.13
		<i>For Work In Restricted Working Space, Add</i>	3.68	
22 07 19 00-0479	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	33.29	5.98
		<i>For Work In Restricted Working Space, Add</i>	3.70	
22 07 19 00-0480	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	35.18	6.19
		<i>For Work In Restricted Working Space, Add</i>	3.77	
22 07 19 00-0481	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	37.00	6.40
		<i>For Work In Restricted Working Space, Add</i>	3.85	
22 07 19 00-0482	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	38.20	6.48
		<i>For Work In Restricted Working Space, Add</i>	3.88	
22 07 19 00-0483	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	40.68	6.56
		<i>For Work In Restricted Working Space, Add</i>	3.92	
22 07 19 00-0484	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	40.99	6.57
		<i>For Work In Restricted Working Space, Add</i>	3.94	
22 07 19 00-0485	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	43.30	6.58
		<i>For Work In Restricted Working Space, Add</i>	3.96	
22 07 19 00-0486	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	44.90	6.61
		<i>For Work In Restricted Working Space, Add</i>	3.97	
22 07 19 00-0487	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	46.62	6.65
		<i>For Work In Restricted Working Space, Add</i>	3.98	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 07 19 00-0488	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	52.33 4.16	6.96
22 07 19 00-0489	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	55.66 4.25	7.10
22 07 19 00-0490	LF	5" IPS (5-9/16" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	56.65 4.34	7.24
22 07 19 00-0491	LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	63.55 4.51	7.52

22 07 19 00-0492

Flexible Polyolefin Tubing Closed Cell Foam Insulation (22 07 19)

Note: UV stabilized, work temperature (-110 degree F to +210 degree F) 0 water vapor transmission. For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.

22 07 19 00-0493

3/8" Wall Flexible Polyolefin Tubing Foam Insulation (22 07 19 00-0492)

22 07 19 00-0494	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.46	3.46
22 07 19 00-0495	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.54	3.46
22 07 19 00-0496	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.81	3.59
22 07 19 00-0497	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.14	3.72
22 07 19 00-0498	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.36	3.78
22 07 19 00-0499	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.71	3.84
22 07 19 00-0500	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.98	3.84
22 07 19 00-0501	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.17	3.96
22 07 19 00-0502	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.04	3.96
22 07 19 00-0503	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.82	4.03
22 07 19 00-0504	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	12.77	4.14

22 07 19 00-0505

1/2" Wall Flexible Polyolefin Tubing Foam Insulation (22 07 19 00-0492)

22 07 19 00-0506	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.33	3.78
22 07 19 00-0507	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.42	3.78
22 07 19 00-0508	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.57	3.84
22 07 19 00-0509	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.79	3.84
22 07 19 00-0510	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.07	3.96
22 07 19 00-0511	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.46	4.03
22 07 19 00-0512	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.90	4.08
22 07 19 00-0513	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.31	4.14
22 07 19 00-0514	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.24	4.27
22 07 19 00-0515	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	12.06	4.33
22 07 19 00-0516	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	13.61	4.44

22 07 19 00-0517

3/4" Wall Flexible Polyolefin Tubing Foam Insulation (22 07 19 00-0492)

22 07 19 00-0518	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.34	4.08
22 07 19 00-0519	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.64	4.14
22 07 19 00-0520	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.02	4.27
22 07 19 00-0521	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.58	4.33
22 07 19 00-0522	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.12	4.44
22 07 19 00-0523	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	12.02	4.51
22 07 19 00-0524	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	12.61	4.51
22 07 19 00-0525	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	13.28	4.57
22 07 19 00-0526	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	14.58	4.68
22 07 19 00-0527	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	15.75	4.75
22 07 19 00-0528	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	18.00	4.87

22 07 19 00-0529

1" Wall Flexible Polyolefin Tubing Foam Insulation (22 07 19 00-0492)

22 07 19 00-0530	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.06	4.51
22 07 19 00-0531	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.23	4.57
22 07 19 00-0532	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.61	4.68
22 07 19 00-0533	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	12.41	4.75
22 07 19 00-0534	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	13.10	4.87
22 07 19 00-0535	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	13.81	4.99
22 07 19 00-0536	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	14.47	4.99
22 07 19 00-0537	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	15.96	5.11
22 07 19 00-0538	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	17.95	5.25
22 07 19 00-0539	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	19.37	5.30

22 07 19 00-0540

Flexible Elastomeric Unicellular Insulation (22 07 19)

Note: For refrigeration piping. For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.

22 07 19 00-0541

3/8" Wall Flexible Elastomeric Unicellular Insulation (22 07 19 00-0540)

22 07 19 00-0542	LF	3/8" I.D. (1/2" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	8.53 2.08	3.46
22 07 19 00-0543	LF	1/2" I.D. (5/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	9.02 2.16	3.59
22 07 19 00-0544	LF	3/4" I.D. (7/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	9.46 2.23	3.73
22 07 19 00-0545	LF	1" I.D. (1-1/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	9.86 2.27	3.78
22 07 19 00-0546	LF	1-1/4" I.D. (1-3/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	10.28 2.30	3.84
22 07 19 00-0547	LF	1-1/2" I.D. (1-5/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	10.95 2.31	3.87

22 Plumbing**22 07 Plumbing Insulation****22 07 19 Plumbing Piping Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0548	LF	2"	I.D. (2-1/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	11.78 2.38	3.97
22 07 19 00-0549	LF	2-1/2"	I.D. (2-5/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	13.80 2.39	3.99
22 07 19 00-0550	LF	3"	I.D. (3-1/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	15.25 2.43	4.05
22 07 19 00-0551			1/2" Wall Flexible Elastomeric Unicellular Insulation <small>(22 07 19 00-0540)</small>		
22 07 19 00-0552	LF	3/8"	I.D. (1/2" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	9.84 2.23	3.73
22 07 19 00-0553	LF	1/2"	I.D. (5/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	10.32 2.30	3.84
22 07 19 00-0554	LF	3/4"	I.D. (7/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	10.68 2.32	3.84
22 07 19 00-0555	LF	1"	I.D. (1-1/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	11.23 2.38	3.96
22 07 19 00-0556	LF	1-1/4"	I.D. (1-3/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	11.67 2.41	4.03
22 07 19 00-0557	LF	1-1/2"	I.D. (1-5/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	12.35 2.45	4.08
22 07 19 00-0558	LF	2"	I.D. (2-1/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	13.62 2.48	4.14
22 07 19 00-0559	LF	2-1/2"	I.D. (2-5/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	15.73 2.56	4.27
22 07 19 00-0560	LF	3"	I.D. (3-1/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	17.12 2.60	4.33
22 07 19 00-0561	LF	3-1/2"	I.D. (3-5/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	19.94 2.63	4.38
22 07 19 00-0562	LF	4"	I.D. (4-1/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	21.25 2.67	4.44
22 07 19 00-0563			3/4" Wall Flexible Elastomeric Unicellular Insulation <small>(22 07 19 00-0540)</small>		
22 07 19 00-0564	LF	3/8"	I.D. (1/2" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	11.81 2.43	4.06
22 07 19 00-0565	LF	1/2"	I.D. (5/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	12.54 2.56	4.27
22 07 19 00-0566	LF	3/4"	I.D. (7/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	13.46 2.60	4.33
22 07 19 00-0567	LF	1"	I.D. (1-1/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	14.76 2.67	4.45
22 07 19 00-0568	LF	1-1/4"	I.D. (1-3/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	15.72 2.70	4.51
22 07 19 00-0569	LF	1-1/2"	I.D. (1-5/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	18.05 2.74	4.57
22 07 19 00-0570	LF	2"	I.D. (2-1/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	20.03 2.76	4.60
22 07 19 00-0571	LF	2-1/2"	I.D. (2-5/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	23.06 2.81	4.69
22 07 19 00-0572	LF	3"	I.D. (3-1/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	25.14 2.85	4.75
22 07 19 00-0573	LF	3-1/2"	I.D. (3-5/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	28.60 2.89	4.81
22 07 19 00-0574	LF	4"	I.D. (4-1/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	30.17 2.92	4.87
22 07 19 00-0575			1" Wall Flexible Elastomeric Unicellular Insulation <small>(22 07 19 00-0540)</small>		
22 07 19 00-0576	LF	3/8"	I.D. (1/2" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	15.77 2.70	4.51
22 07 19 00-0577	LF	1/2"	I.D. (5/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	16.57 2.81	4.69
22 07 19 00-0578	LF	3/4"	I.D. (7/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	18.37 2.85	4.75
22 07 19 00-0579	LF	1"	I.D. (1-1/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	20.52 2.92	4.87
22 07 19 00-0580	LF	1-1/4"	I.D. (1-3/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	22.49 3.00	4.99
22 07 19 00-0581	LF	1-1/2"	I.D. (1-5/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	23.95 3.03	5.05
22 07 19 00-0582	LF	2"	I.D. (2-1/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	26.90 3.07	5.11
22 07 19 00-0583	LF	2-1/2"	I.D. (2-5/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	34.00 3.14	5.25
22 07 19 00-0584	LF	3"	I.D. (3-1/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	39.12 3.18	5.30
22 07 19 00-0585	LF	3-1/2"	I.D. (3-5/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	41.87 3.21	5.36
22 07 19 00-0586	LF	4"	I.D. (4-1/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	47.55 3.29	5.49
22 07 19 00-0587			Insulation Foam Rubber <small>(22 07 19)</small>		
22 07 19 00-0588			Covering 4x6 Sheet <small>(22 07 19 00-0587)</small>		
22 07 19 00-0589	SF	1"	Thick Foam Rubber Sheet Insulation	23.41	8.24

MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 07 19 00-0590	Insulation Protective Jacketing <small>(22 07 19)</small> Note: Jacketing only and to be added to insulation prices when required.		
22 07 19 00-0591	Aluminum Insulation Protective Jacketing With Bands <small>(22 07 19 00-0590)</small>		
22 07 19 00-0592	Aluminum Roll, Insulation Protective Jacketing With Bands <small>(22 07 19 00-0591)</small>		
22 07 19 00-0593	SF 0.006" Aluminum Insulation Jacket With Bands.....	17.54	7.42
22 07 19 00-0594	SF 0.016" Aluminum Insulation Jacket With Bands.....	18.18	7.42
22 07 19 00-0595	16 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands <small>(22 07 19 00-0591)</small>		
22 07 19 00-0596	LF 1/2" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	8.86 0.00 0.01	2.10
22 07 19 00-0597	LF 3/4" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	9.17 0.01 0.01	2.15
22 07 19 00-0598	LF 1" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	9.49 0.01 0.02	2.21
22 07 19 00-0599	LF 1-1/4" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	9.84 0.01 0.02	2.27
22 07 19 00-0600	LF 1-1/2" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	10.09 0.01 0.02	2.30
22 07 19 00-0601	LF 1-3/4" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	10.36 0.01 0.03	2.33
22 07 19 00-0602	LF 2" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	10.67 0.01 0.03	2.38
22 07 19 00-0603	LF 2-1/4" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	11.00 0.01 0.03	2.43
22 07 19 00-0604	LF 2-1/2" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	11.34 0.01 0.04	2.48
22 07 19 00-0605	LF 2-3/4" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	11.64 0.02 0.04	2.52
22 07 19 00-0606	LF 3" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	12.00 0.02 0.04	2.58
22 07 19 00-0607	LF 3-1/4" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	12.35 0.02 0.05	2.64
22 07 19 00-0608	LF 3-1/2" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	12.71 0.02 0.05	2.70
22 07 19 00-0609	LF 3-3/4" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	13.04 0.02 0.05	2.75
22 07 19 00-0610	LF 4" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	13.43 0.02 0.05	2.81
22 07 19 00-0611	LF 4-1/4" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	13.83 0.02 0.06	2.88
22 07 19 00-0612	LF 4-1/2" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	14.26 0.02 0.06	2.95
22 07 19 00-0613	LF 4-3/4" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	14.62 0.03 0.06	3.01
22 07 19 00-0614	LF 5" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	15.05 0.03 0.07	3.09
22 07 19 00-0615	LF 5-1/4" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	15.52 0.03 0.07	3.18
22 07 19 00-0616	LF 5-1/2" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	15.92 0.03 0.07	3.24
22 07 19 00-0617	LF 5-3/4" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	16.43 0.03 0.08	3.33
22 07 19 00-0618	LF 6" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	16.94 0.03 0.08	3.43
22 07 19 00-0619	LF 6-1/4" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	17.27 0.03 0.08	3.48
22 07 19 00-0620	LF 6-1/2" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	17.62 0.03 0.09	3.54

22 Plumbing

22 07 Plumbing Insulation

22 07 19 Plumbing Piping Insulation



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0621	LF		7" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	18.18 0.04 0.09	3.62
22 07 19 00-0622	LF		7-1/4" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	18.64 0.04 0.10	3.72
22 07 19 00-0623	LF		7-1/2" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	19.01 0.04 0.10	3.78
22 07 19 00-0624	LF		8" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	19.52 0.04 0.10	3.84
22 07 19 00-0625	LF		8-1/2" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	20.01 0.04 0.11	3.90
22 07 19 00-0626	LF		9" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	20.66 0.05 0.12	4.00
22 07 19 00-0627	LF		9-1/2" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	21.20 0.05 0.12	4.07
22 07 19 00-0628	LF		10" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	21.74 0.05 0.13	4.14
22 07 19 00-0629	LF		10-1/2" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	22.30 0.05 0.14	4.22
22 07 19 00-0630	LF		11" ID, 0.0106 Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	23.01 0.06 0.14	4.34
22 07 19 00-0631	LF		11-1/2" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	23.61 0.06 0.15	4.42
22 07 19 00-0632	LF		12" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	24.20 0.06 0.15	4.50
22 07 19 00-0633	LF		12-1/2" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	24.99 0.06 0.16	4.64
22 07 19 00-0634	LF		13" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	25.42 0.07 0.17	4.68
22 07 19 00-0635	LF		14" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	26.12 0.07 0.18	4.73
22 07 19 00-0636	LF		15" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	27.02 0.08 0.19	4.83
22 07 19 00-0637	LF		16" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	27.73 0.08 0.21	4.88
22 07 19 00-0638	LF		17" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	28.64 0.09 0.22	4.98
22 07 19 00-0639	LF		18" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	29.20 0.09 0.23	5.04
22 07 19 00-0640	LF		19" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	30.31 0.10 0.24	5.16
22 07 19 00-0641	LF		20" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	31.05 0.10 0.26	5.22
22 07 19 00-0642	LF		21" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	32.03 0.11 0.27	5.34
22 07 19 00-0643	LF		22" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	32.78 0.11 0.28	5.40
22 07 19 00-0644	LF		23" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	33.80 0.12 0.29	5.52
22 07 19 00-0645	LF		24" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	34.55 0.12 0.31	5.59
22 07 19 00-0646			20 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands (22 07 19 00-0591)		
22 07 19 00-0647	LF		1/2" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	9.80 0.01 0.01	2.32
22 07 19 00-0648	LF		3/4" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	10.18 0.01 0.02	2.38
22 07 19 00-0649	LF		1" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	10.56 0.01 0.02	2.43

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0650	LF			1-1/4" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	10.96 0.01 0.03	2.49
22 07 19 00-0651	LF			1-1/2" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	11.26 0.01 0.03	2.53
22 07 19 00-0652	LF			1-3/4" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	11.58 0.01 0.03	2.57
22 07 19 00-0653	LF			2" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	11.93 0.01 0.04	2.62
22 07 19 00-0654	LF			2-1/4" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	12.31 0.02 0.04	2.67
22 07 19 00-0655	LF			2-1/2" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	12.72 0.02 0.05	2.73
22 07 19 00-0656	LF			2-3/4" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	13.06 0.02 0.05	2.77
22 07 19 00-0657	LF			3" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	13.48 0.02 0.05	2.84
22 07 19 00-0658	LF			3-1/4" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	13.90 0.02 0.06	2.90
22 07 19 00-0659	LF			3-1/2" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	14.31 0.02 0.06	2.97
22 07 19 00-0660	LF			3-3/4" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	14.68 0.03 0.07	3.02
22 07 19 00-0661	LF			4" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	15.13 0.03 0.07	3.09
22 07 19 00-0662	LF			4-1/4" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	15.61 0.03 0.07	3.17
22 07 19 00-0663	LF			4-1/2" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	16.10 0.03 0.08	3.25
22 07 19 00-0664	LF			4-3/4" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	16.51 0.03 0.08	3.31
22 07 19 00-0665	LF			5" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	17.02 0.03 0.09	3.40
22 07 19 00-0666	LF			5-1/4" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	17.55 0.04 0.09	3.49
22 07 19 00-0667	LF			5-1/2" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	18.00 0.04 0.09	3.56
22 07 19 00-0668	LF			5-3/4" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	18.59 0.04 0.10	3.68
22 07 19 00-0669	LF			6" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	19.18 0.04 0.10	3.78
22 07 19 00-0670	LF			6-1/4" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	19.56 0.04 0.11	3.84
22 07 19 00-0671	LF			6-1/2" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	19.96 0.04 0.11	3.90
22 07 19 00-0672	LF			7" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	20.62 0.05 0.12	3.99
22 07 19 00-0673	LF			7-1/4" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	21.16 0.05 0.12	4.08
22 07 19 00-0674	LF			7-1/2" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	21.58 0.05 0.12	4.15
22 07 19 00-0675	LF			8" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	22.18 0.05 0.13	4.22
22 07 19 00-0676	LF			8-1/2" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	22.77 0.06 0.14	4.29
22 07 19 00-0677	LF			9" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	23.52 0.06 0.15	4.40
22 07 19 00-0678	LF			9-1/2" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	24.16 0.06 0.16	4.47
22 07 19 00-0679	LF			10" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	24.80 0.07 0.16	4.55

22 Plumbing

22 07 Plumbing Insulation

22 07 19 Plumbing Piping Insulation



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 07 19 00-0680	LF 10-1/2" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	25.45 0.07 0.17	4.64
22 07 19 00-0681	LF 11" ID, 0.0106 Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	26.28 0.07 0.18	4.77
22 07 19 00-0682	LF 11-1/2" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	26.97 0.08 0.19	4.86
22 07 19 00-0683	LF 12" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	27.68 0.08 0.20	4.95
22 07 19 00-0684	LF 12-1/2" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	28.58 0.08 0.20	5.10
22 07 19 00-0685	LF 13" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	29.09 0.08 0.21	5.16
22 07 19 00-0686	LF 14" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	29.95 0.09 0.23	5.21
22 07 19 00-0687	LF 15" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	31.02 0.10 0.24	5.32
22 07 19 00-0688	LF 16" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	31.90 0.10 0.26	5.37
22 07 19 00-0689	LF 17" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	32.98 0.11 0.28	5.49
22 07 19 00-0690	LF 18" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	33.65 0.11 0.29	5.55
22 07 19 00-0691	LF 19" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	34.98 0.12 0.31	5.67
22 07 19 00-0692	LF 20" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	35.90 0.13 0.32	5.73
22 07 19 00-0693	LF 21" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	37.05 0.14 0.34	5.86
22 07 19 00-0694	LF 22" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	37.95 0.14 0.36	5.93
22 07 19 00-0695	LF 23" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	39.17 0.15 0.37	6.07
22 07 19 00-0696	LF 24" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	40.08 0.15 0.39	6.15
22 07 19 00-0697	24 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands (22 07 19 00-0691)		
22 07 19 00-0698	LF 1/2" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	10.75 0.01 0.02	2.53
22 07 19 00-0699	LF 3/4" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	11.17 0.01 0.02	2.59
22 07 19 00-0700	LF 1" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	11.61 0.01 0.03	2.65
22 07 19 00-0701	LF 1-1/4" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	12.06 0.01 0.03	2.72
22 07 19 00-0702	LF 1-1/2" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	12.42 0.01 0.03	2.76
22 07 19 00-0703	LF 1-3/4" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	12.76 0.02 0.04	2.80
22 07 19 00-0704	LF 2" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	13.18 0.02 0.04	2.85
22 07 19 00-0705	LF 2-1/4" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	13.61 0.02 0.05	2.91
22 07 19 00-0706	LF 2-1/2" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	14.06 0.02 0.05	2.98
22 07 19 00-0707	LF 2-3/4" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	14.45 0.02 0.06	3.02
22 07 19 00-0708	LF 3" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	14.92 0.03 0.06	3.09

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0709	LF		3-1/4" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	15.40 0.03 0.07	3.16
22 07 19 00-0710	LF		3-1/2" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	15.89 0.03 0.07	3.23
22 07 19 00-0711	LF		3-3/4" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	16.30 0.03 0.08	3.29
22 07 19 00-0712	LF		4" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	16.80 0.03 0.08	3.37
22 07 19 00-0713	LF		4-1/4" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	17.32 0.04 0.09	3.45
22 07 19 00-0714	LF		4-1/2" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	17.89 0.04 0.09	3.54
22 07 19 00-0715	LF		4-3/4" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	18.36 0.04 0.10	3.61
22 07 19 00-0716	LF		5" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	18.93 0.04 0.10	3.72
22 07 19 00-0717	LF		5-1/4" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	19.53 0.04 0.11	3.82
22 07 19 00-0718	LF		5-1/2" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	20.04 0.04 0.11	3.90
22 07 19 00-0719	LF		5-3/4" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	20.70 0.05 0.12	4.01
22 07 19 00-0720	LF		6" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	21.36 0.05 0.12	4.12
22 07 19 00-0721	LF		6-1/4" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	21.79 0.05 0.13	4.19
22 07 19 00-0722	LF		6-1/2" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	22.24 0.05 0.13	4.25
22 07 19 00-0723	LF		7" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	22.99 0.06 0.14	4.35
22 07 19 00-0724	LF		7-1/4" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	23.59 0.06 0.14	4.45
22 07 19 00-0725	LF		7-1/2" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	24.07 0.06 0.15	4.52
22 07 19 00-0726	LF		8" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	24.77 0.06 0.16	4.60
22 07 19 00-0727	LF		8-1/2" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	25.43 0.07 0.17	4.68
22 07 19 00-0728	LF		9" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	26.29 0.07 0.18	4.80
22 07 19 00-0729	LF		9-1/2" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	27.03 0.08 0.19	4.88
22 07 19 00-0730	LF		10" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	27.75 0.08 0.20	4.97
22 07 19 00-0731	LF		10-1/2" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	28.49 0.08 0.21	5.06
22 07 19 00-0732	LF		11" ID, 0.0106 Aluminum Insulation Jacketing..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	29.44 0.09 0.22	5.21
22 07 19 00-0733	LF		11-1/2" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	30.23 0.09 0.23	5.30
22 07 19 00-0734	LF		12" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	31.02 0.09 0.24	5.41
22 07 19 00-0735	LF		12-1/2" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	32.04 0.10 0.24	5.57
22 07 19 00-0736	LF		13" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	32.64 0.10 0.25	5.62
22 07 19 00-0737	LF		14" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	33.65 0.11 0.27	5.68
22 07 19 00-0738	LF		15" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	34.87 0.12 0.29	5.80

22 Plumbing**22 07 Plumbing Insulation****22 07 19 Plumbing Piping Insulation**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

22 07 19 00-0739	LF	16" ID, 0.024" Aluminum Insulation Jacketing	35.90	5.86
		<i>For Stucco Embossed, Add</i>	0.12	
		<i>For Corrugated, Add</i>	0.31	
22 07 19 00-0740	LF	17" ID, 0.024" Aluminum Insulation Jacketing	37.15	5.98
		<i>For Stucco Embossed, Add</i>	0.13	
		<i>For Corrugated, Add</i>	0.33	
22 07 19 00-0741	LF	18" ID, 0.024" Aluminum Insulation Jacketing	37.93	6.05
		<i>For Stucco Embossed, Add</i>	0.14	
		<i>For Corrugated, Add</i>	0.34	
22 07 19 00-0742	LF	19" ID, 0.024" Aluminum Insulation Jacketing	39.48	6.18
		<i>For Stucco Embossed, Add</i>	0.15	
		<i>For Corrugated, Add</i>	0.37	
22 07 19 00-0743	LF	20" ID, 0.024" Aluminum Insulation Jacketing	40.53	6.25
		<i>For Stucco Embossed, Add</i>	0.16	
		<i>For Corrugated, Add</i>	0.39	
22 07 19 00-0744	LF	21" ID, 0.024" Aluminum Insulation Jacketing	41.85	6.39
		<i>For Stucco Embossed, Add</i>	0.16	
		<i>For Corrugated, Add</i>	0.41	
22 07 19 00-0745	LF	22" ID, 0.024" Aluminum Insulation Jacketing	42.91	6.47
		<i>For Stucco Embossed, Add</i>	0.17	
		<i>For Corrugated, Add</i>	0.43	
22 07 19 00-0746	LF	23" ID, 0.024" Aluminum Insulation Jacketing	44.29	6.63
		<i>For Stucco Embossed, Add</i>	0.18	
		<i>For Corrugated, Add</i>	0.44	
22 07 19 00-0747	LF	24" ID, 0.024" Aluminum Insulation Jacketing	45.36	6.71
		<i>For Stucco Embossed, Add</i>	0.19	
		<i>For Corrugated, Add</i>	0.46	

22 07 19 00-0748 32 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands
(22 07 19 00-0591)

22 07 19 00-0749	LF	1/2" ID, 0.032" Aluminum Insulation Jacketing	12.07	2.81
		<i>For Stucco Embossed, Add</i>	0.01	
		<i>For Corrugated, Add</i>	0.02	
22 07 19 00-0750	LF	3/4" ID, 0.032" Aluminum Insulation Jacketing	12.58	2.87
		<i>For Stucco Embossed, Add</i>	0.01	
		<i>For Corrugated, Add</i>	0.03	
22 07 19 00-0751	LF	1" ID, 0.032" Aluminum Insulation Jacketing	13.11	2.94
		<i>For Stucco Embossed, Add</i>	0.01	
		<i>For Corrugated, Add</i>	0.03	
22 07 19 00-0752	LF	1-1/4" ID, 0.032" Aluminum Insulation Jacketing	13.65	3.01
		<i>For Stucco Embossed, Add</i>	0.02	
		<i>For Corrugated, Add</i>	0.04	
22 07 19 00-0753	LF	1-1/2" ID, 0.032" Aluminum Insulation Jacketing	14.07	3.05
		<i>For Stucco Embossed, Add</i>	0.02	
		<i>For Corrugated, Add</i>	0.05	
22 07 19 00-0754	LF	1-3/4" ID, 0.032" Aluminum Insulation Jacketing	14.51	3.10
		<i>For Stucco Embossed, Add</i>	0.02	
		<i>For Corrugated, Add</i>	0.05	
22 07 19 00-0755	LF	2" ID, 0.032" Aluminum Insulation Jacketing	15.03	3.16
		<i>For Stucco Embossed, Add</i>	0.02	
		<i>For Corrugated, Add</i>	0.06	
22 07 19 00-0756	LF	2-1/4" ID, 0.032" Aluminum Insulation Jacketing	15.54	3.23
		<i>For Stucco Embossed, Add</i>	0.03	
		<i>For Corrugated, Add</i>	0.07	
22 07 19 00-0757	LF	2-1/2" ID, 0.032" Aluminum Insulation Jacketing	16.10	3.30
		<i>For Stucco Embossed, Add</i>	0.03	
		<i>For Corrugated, Add</i>	0.07	
22 07 19 00-0758	LF	2-3/4" ID, 0.032" Aluminum Insulation Jacketing	16.56	3.35
		<i>For Stucco Embossed, Add</i>	0.03	
		<i>For Corrugated, Add</i>	0.08	
22 07 19 00-0759	LF	3" ID, 0.032" Aluminum Insulation Jacketing	17.15	3.42
		<i>For Stucco Embossed, Add</i>	0.03	
		<i>For Corrugated, Add</i>	0.09	
22 07 19 00-0760	LF	3-1/4" ID, 0.032" Aluminum Insulation Jacketing	17.71	3.50
		<i>For Stucco Embossed, Add</i>	0.04	
		<i>For Corrugated, Add</i>	0.09	
22 07 19 00-0761	LF	3-1/2" ID, 0.032" Aluminum Insulation Jacketing	18.29	3.58
		<i>For Stucco Embossed, Add</i>	0.04	
		<i>For Corrugated, Add</i>	0.10	
22 07 19 00-0762	LF	3-3/4" ID, 0.032" Aluminum Insulation Jacketing	18.80	3.65
		<i>For Stucco Embossed, Add</i>	0.04	
		<i>For Corrugated, Add</i>	0.11	
22 07 19 00-0763	LF	4" ID, 0.032" Aluminum Insulation Jacketing	19.40	3.74
		<i>For Stucco Embossed, Add</i>	0.04	
		<i>For Corrugated, Add</i>	0.11	
22 07 19 00-0764	LF	4-1/4" ID, 0.032" Aluminum Insulation Jacketing	20.02	3.84
		<i>For Stucco Embossed, Add</i>	0.05	
		<i>For Corrugated, Add</i>	0.12	
22 07 19 00-0765	LF	4-1/2" ID, 0.032" Aluminum Insulation Jacketing	20.70	3.93
		<i>For Stucco Embossed, Add</i>	0.05	
		<i>For Corrugated, Add</i>	0.12	
22 07 19 00-0766	LF	4-3/4" ID, 0.032" Aluminum Insulation Jacketing	21.26	4.01
		<i>For Stucco Embossed, Add</i>	0.05	
		<i>For Corrugated, Add</i>	0.13	
22 07 19 00-0767	LF	5" ID, 0.032" Aluminum Insulation Jacketing	21.94	4.11
		<i>For Stucco Embossed, Add</i>	0.05	
		<i>For Corrugated, Add</i>	0.14	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0768	LF			5-1/4" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	22.65 0.06 0.14	4.23
22 07 19 00-0769	LF			5-1/2" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	23.25 0.06 0.15	4.31
22 07 19 00-0770	LF			5-3/4" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	24.03 0.06 0.16	4.44
22 07 19 00-0771	LF			6" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	24.80 0.07 0.16	4.57
22 07 19 00-0772	LF			6-1/4" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	25.34 0.07 0.17	4.64
22 07 19 00-0773	LF			6-1/2" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	25.87 0.07 0.18	4.71
22 07 19 00-0774	LF			7" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	26.79 0.08 0.19	4.82
22 07 19 00-0775	LF			7-1/4" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	27.50 0.08 0.19	4.93
22 07 19 00-0776	LF			7-1/2" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	28.07 0.08 0.20	5.01
22 07 19 00-0777	LF			8" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	28.93 0.09 0.21	5.10
22 07 19 00-0778	LF			8-1/2" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	29.75 0.09 0.23	5.19
22 07 19 00-0779	LF			9" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	30.81 0.10 0.24	5.32
22 07 19 00-0780	LF			9-1/2" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	31.71 0.10 0.25	5.41
22 07 19 00-0781	LF			10" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	32.60 0.11 0.26	5.51
22 07 19 00-0782	LF			10-1/2" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	33.50 0.11 0.28	5.61
22 07 19 00-0783	LF			11" ID, 0.0106 Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	34.64 0.12 0.29	5.77
22 07 19 00-0784	LF			11-1/2" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	35.61 0.12 0.30	5.88
22 07 19 00-0785	LF			12" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	36.57 0.13 0.32	5.99
22 07 19 00-0786	LF			12-1/2" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	37.80 0.13 0.33	6.17
22 07 19 00-0787	LF			13" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	38.56 0.14 0.34	6.23
22 07 19 00-0788	LF			14" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	39.85 0.15 0.37	6.29
22 07 19 00-0789	LF			15" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	41.39 0.16 0.39	6.42
22 07 19 00-0790	LF			16" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	42.70 0.17 0.42	6.49
22 07 19 00-0791	LF			17" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	44.26 0.18 0.44	6.64
22 07 19 00-0792	LF			18" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	45.24 0.18 0.46	6.71
22 07 19 00-0793	LF			19" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	47.20 0.20 0.49	6.86
22 07 19 00-0794	LF			20" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	48.55 0.21 0.52	6.93
22 07 19 00-0795	LF			21" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	50.19 0.22 0.55	7.09
22 07 19 00-0796	LF			22" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	51.54 0.23 0.57	7.17
22 07 19 00-0797	LF			23" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	53.26 0.24 0.60	7.34

22 Plumbing

22 07 Plumbing Insulation

22 07 19 Plumbing Piping Insulation



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 07 19 00-0798	LF 24" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	54.62 0.25 0.62	7.43
22 07 19 00-0799 40 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands <small>(22 07 19 00-0591)</small>			
22 07 19 00-0800	LF 1/2" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	13.98 0.01 0.03	3.22
22 07 19 00-0801	LF 3/4" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	14.59 0.01 0.03	3.30
22 07 19 00-0802	LF 1" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	15.22 0.02 0.04	3.38
22 07 19 00-0803	LF 1-1/4" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	15.86 0.02 0.05	3.46
22 07 19 00-0804	LF 1-1/2" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	16.40 0.02 0.06	3.51
22 07 19 00-0805	LF 1-3/4" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	16.92 0.03 0.07	3.56
22 07 19 00-0806	LF 2" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	17.53 0.03 0.07	3.63
22 07 19 00-0807	LF 2-1/4" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	18.15 0.03 0.08	3.72
22 07 19 00-0808	LF 2-1/2" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	18.82 0.04 0.09	3.80
22 07 19 00-0809	LF 2-3/4" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	19.39 0.04 0.10	3.86
22 07 19 00-0810	LF 3" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	20.08 0.04 0.11	3.95
22 07 19 00-0811	LF 3-1/4" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	20.76 0.05 0.12	4.03
22 07 19 00-0812	LF 3-1/2" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	21.45 0.05 0.12	4.13
22 07 19 00-0813	LF 3-3/4" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	22.05 0.05 0.13	4.20
22 07 19 00-0814	LF 4" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	22.79 0.06 0.14	4.30
22 07 19 00-0815	LF 4-1/4" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	23.53 0.06 0.15	4.41
22 07 19 00-0816	LF 4-1/2" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	24.33 0.06 0.16	4.52
22 07 19 00-0817	LF 4-3/4" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	25.01 0.07 0.16	4.61
22 07 19 00-0818	LF 5" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	25.82 0.07 0.17	4.73
22 07 19 00-0819	LF 5-1/4" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	26.64 0.07 0.18	4.86
22 07 19 00-0820	LF 5-1/2" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	27.38 0.08 0.19	4.96
22 07 19 00-0821	LF 5-3/4" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	28.30 0.08 0.20	5.10
22 07 19 00-0822	LF 6" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	29.21 0.08 0.20	5.26
22 07 19 00-0823	LF 6-1/4" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	29.86 0.09 0.21	5.34
22 07 19 00-0824	LF 6-1/2" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	30.50 0.09 0.22	5.42
22 07 19 00-0825	LF 7" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	31.60 0.09 0.24	5.55
22 07 19 00-0826	LF 7-1/4" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	32.45 0.10 0.24	5.68

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0827	LF		7-1/2" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	33.13 0.10 0.25	5.77
22 07 19 00-0828	LF		8" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	34.17 0.11 0.27	5.87
22 07 19 00-0829	LF		8-1/2" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	35.17 0.11 0.28	5.96
22 07 19 00-0830	LF		9" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	36.42 0.12 0.30	6.12
22 07 19 00-0831	LF		9-1/2" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	37.53 0.13 0.32	6.22
22 07 19 00-0832	LF		10" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	38.60 0.13 0.33	6.33
22 07 19 00-0833	LF		10-1/2" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	39.70 0.14 0.35	6.45
22 07 19 00-0834	LF		11" ID, 0.0106 Aluminum Insulation Jacketing..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	41.06 0.15 0.36	6.64
22 07 19 00-0835	LF		11-1/2" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	42.23 0.15 0.38	6.76
22 07 19 00-0836	LF		12" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	43.39 0.16 0.40	6.89
22 07 19 00-0837	LF		12-1/2" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	44.85 0.16 0.41	7.10
22 07 19 00-0838	LF		13" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	45.78 0.17 0.43	7.17
22 07 19 00-0839	LF		14" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	47.38 0.18 0.46	7.24
22 07 19 00-0840	LF		15" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	49.24 0.20 0.49	7.39
22 07 19 00-0841	LF		16" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	50.86 0.21 0.52	7.47
22 07 19 00-0842	LF		17" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	52.77 0.22 0.56	7.63
22 07 19 00-0843	LF		18" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	53.97 0.23 0.58	7.71
22 07 19 00-0844	LF		19" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	56.37 0.25 0.62	7.88
22 07 19 00-0845	LF		20" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	58.03 0.26 0.65	7.97
22 07 19 00-0846	LF		21" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	60.02 0.27 0.68	8.16
22 07 19 00-0847	LF		22" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	61.67 0.29 0.72	8.26
22 07 19 00-0848	LF		23" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	63.76 0.30 0.75	8.45
22 07 19 00-0849	LF		24" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	65.43 0.31 0.78	8.55
22 07 19 00-0850			Aluminum Insulation Protective Jacketing For Fittings (22 07 19 00-0591)		
22 07 19 00-0851	EA		1-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	19.53	3.31
22 07 19 00-0852	EA		1-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	20.02	3.43
22 07 19 00-0853	EA		2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	22.17	3.56
22 07 19 00-0854	EA		2-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	22.40	3.62
22 07 19 00-0855	EA		2-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	22.62	3.69
22 07 19 00-0856	EA		2-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	22.98	3.78
22 07 19 00-0857	EA		3" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	24.04	3.87
22 07 19 00-0858	EA		3-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	24.43	3.97
22 07 19 00-0859	EA		3-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	26.26	4.04
22 07 19 00-0860	EA		3-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	26.81	4.11
22 07 19 00-0861	EA		4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	27.74	4.22
22 07 19 00-0862	EA		4-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	28.36	4.30
22 07 19 00-0863	EA		4-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	28.68	4.38
22 07 19 00-0864	EA		4-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	29.02	4.46
22 07 19 00-0865	EA		5" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	30.79	4.55
22 07 19 00-0866	EA		5-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	33.10	4.64
22 07 19 00-0867	EA		5-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	37.24	4.78

22 Plumbing**22 07 Plumbing Insulation****22 07 19 Plumbing Piping Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0868	EA		5-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	37.64	4.88
22 07 19 00-0869	EA		6" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	35.62	5.04
22 07 19 00-0870	EA		6-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	36.06	5.16
22 07 19 00-0871	EA		6-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	39.93	5.34
22 07 19 00-0872	EA		7" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	44.41	5.46
22 07 19 00-0873	EA		7-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	44.67	5.52
22 07 19 00-0874	EA		7-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	55.55	5.59
22 07 19 00-0875	EA		8" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	47.38	5.66
22 07 19 00-0876	EA		8-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	68.93	5.80
22 07 19 00-0877	EA		9" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	69.52	5.95
22 07 19 00-0878	EA		9-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	57.74	6.02
22 07 19 00-0879	EA		10" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	58.07	6.10
22 07 19 00-0880	EA		10-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	59.11	6.18
22 07 19 00-0881	EA		11" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	59.44	6.27
22 07 19 00-0882	EA		11-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	64.85	6.44
22 07 19 00-0883	EA		12" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	65.21	6.53
22 07 19 00-0884	EA		12-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	96.43	6.73
22 07 19 00-0885	EA		13" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	96.84	6.82
22 07 19 00-0886	EA		14" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	121.38	7.03
22 07 19 00-0887	EA		15" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	126.50	7.25
22 07 19 00-0888	EA		16" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	135.82	7.36
22 07 19 00-0889	EA		2-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	21.25	3.69
22 07 19 00-0890	EA		2-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	21.61	3.78
22 07 19 00-0891	EA		3" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	22.85	3.87
22 07 19 00-0892	EA		3-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	23.24	3.97
22 07 19 00-0893	EA		3-1/2" ID Aluminum 45 Degree Elbow Insulation Jacketing.....	24.54	4.04
22 07 19 00-0894	EA		3-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	24.83	4.11
22 07 19 00-0895	EA		4" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	25.42	4.22
22 07 19 00-0896	EA		4-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	26.94	4.30
22 07 19 00-0897	EA		4-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	27.26	4.38
22 07 19 00-0898	EA		4-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	27.60	4.46
22 07 19 00-0899	EA		5" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	29.65	4.55
22 07 19 00-0900	EA		5-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	30.02	4.64
22 07 19 00-0901	EA		5-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	31.14	4.78
22 07 19 00-0902	EA		6" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	32.18	5.04
22 07 19 00-0903	EA		6-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	37.92	5.34
22 07 19 00-0904	EA		7" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	38.42	5.46
22 07 19 00-0905	EA		7-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	39.10	5.59
22 07 19 00-0906	EA		8" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	39.37	5.66
22 07 19 00-0907	EA		8-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	44.02	5.80
22 07 19 00-0908	EA		9" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	44.61	5.95
22 07 19 00-0909	EA		9-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	53.01	6.02
22 07 19 00-0910	EA		10" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	53.34	6.10
22 07 19 00-0911	EA		10-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	51.78	6.18
22 07 19 00-0912	EA		11" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	52.11	6.27
22 07 19 00-0913	EA		11-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	58.26	6.44
22 07 19 00-0914	EA		12" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	58.62	6.53
22 07 19 00-0915	EA		13" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	65.42	6.82
22 07 19 00-0916	EA		14" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	74.90	7.03
22 07 19 00-0917	EA		15" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	101.08	7.25
22 07 19 00-0918	EA		16" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	107.60	7.36
22 07 19 00-0919	EA		17" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	106.23	7.48
22 07 19 00-0920	EA		18" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	117.46	7.60
22 07 19 00-0921	EA		19" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	137.24	7.73
22 07 19 00-0922	EA		20" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	134.27	7.86
22 07 19 00-0923	EA		21" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	143.00	7.99
22 07 19 00-0924	EA		2-1/2" ID, Aluminum Tee Insulation Jacketing.....	65.89	5.27
22 07 19 00-0925	EA		2-3/4" ID, Aluminum Tee Insulation Jacketing.....	66.39	5.40
22 07 19 00-0926	EA		3" ID, Aluminum Tee Insulation Jacketing.....	72.72	5.52
22 07 19 00-0927	EA		3-1/4" ID, Aluminum Tee Insulation Jacketing.....	73.25	5.66
22 07 19 00-0928	EA		3-1/2" ID Aluminum Tee Insulation Jacketing.....	76.24	5.80
22 07 19 00-0929	EA		4" ID, Aluminum Tee Insulation Jacketing.....	77.41	5.95
22 07 19 00-0930	EA		4-1/4" ID, Aluminum Tee Insulation Jacketing.....	81.14	6.10
22 07 19 00-0931	EA		4-1/2" ID, Aluminum Tee Insulation Jacketing.....	81.32	6.27
22 07 19 00-0932	EA		4-3/4" ID, Aluminum Tee Insulation Jacketing.....	82.02	6.44
22 07 19 00-0933	EA		5" ID, Aluminum Tee Insulation Jacketing.....	84.86	6.63
22 07 19 00-0934	EA		5-1/4" ID, Aluminum Tee Insulation Jacketing.....	85.65	6.82
22 07 19 00-0935	EA		5-1/2" ID, Aluminum Tee Insulation Jacketing.....	89.05	7.03
22 07 19 00-0936	EA		6" ID, Aluminum Tee Insulation Jacketing.....	89.93	7.25
22 07 19 00-0937	EA		6-1/2" ID, Aluminum Tee Insulation Jacketing.....	97.86	7.73
22 07 19 00-0938	EA		7" ID, Aluminum Tee Insulation Jacketing.....	98.93	7.99
22 07 19 00-0939	EA		7-1/2" ID, Aluminum Tee Insulation Jacketing.....	107.57	8.29
22 07 19 00-0940	EA		8" ID, Aluminum Tee Insulation Jacketing.....	108.79	8.59
22 07 19 00-0941	EA		8-1/2" ID, Aluminum Tee Insulation Jacketing.....	112.08	8.92
22 07 19 00-0942	EA		9" ID, Aluminum Tee Insulation Jacketing.....	113.50	9.27
22 07 19 00-0943	EA		9-1/2" ID, Aluminum Tee Insulation Jacketing.....	94.57	9.46
22 07 19 00-0944	EA		10" ID, Aluminum Tee Insulation Jacketing.....	95.35	9.67
22 07 19 00-0945	EA		10-1/2" ID, Aluminum Tee Insulation Jacketing.....	99.88	9.87
22 07 19 00-0946	EA		11" ID, Aluminum Tee Insulation Jacketing.....	100.74	10.08
22 07 19 00-0947	EA		11-1/2" ID, Aluminum Tee Insulation Jacketing.....	104.92	10.31
22 07 19 00-0948	EA		12" ID, Aluminum Tee Insulation Jacketing.....	105.86	10.54
22 07 19 00-0949	EA		13" ID, Aluminum Tee Insulation Jacketing.....	110.00	10.78
22 07 19 00-0950	EA		14" ID, Aluminum Tee Insulation Jacketing.....	114.31	11.05
22 07 19 00-0951	EA		15" ID, Aluminum Tee Insulation Jacketing.....	121.11	11.32
22 07 19 00-0952	EA		16" ID, Aluminum Tee Insulation Jacketing.....	124.15	11.60

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 07 19 00-0953	EA	17" ID, Aluminum Tee Insulation Jacketing		136.98	11.89
22 07 19 00-0954	EA	18" ID, Aluminum Tee Insulation Jacketing		141.71	12.20
22 07 19 00-0955	EA	19" ID, Aluminum Tee Insulation Jacketing		152.86	12.54
22 07 19 00-0956	EA	20" ID, Aluminum Tee Insulation Jacketing		156.49	12.89
22 07 19 00-0957	EA	22" ID, Aluminum Tee Insulation Jacketing		186.53	13.25
22 07 19 00-0958	EA	23" ID, Aluminum Tee Insulation Jacketing		191.80	13.64
22 07 19 00-0959	EA	24" ID, Aluminum Tee Insulation Jacketing		200.66	14.96

22 07 19 00-0960 Stainless Steel Insulation Protective Jacketing With Bands (22 07 19 00-0960)

22 07 19 00-0961 Type 304 Stainless Steel Roll, Insulation Protective Jacketing With Bands (22 07 19 00-0960)

22 07 19 00-0962	SF	0.010" Stainless Steel Insulation Jacket With Bands		21.35	8.70
22 07 19 00-0963	SF	0.016" Stainless Steel Insulation Jacket With Bands		26.13	10.44

22 07 19 00-0964 10 Mil, Type 304 Stainless Steel, Insulation Protective Jacketing With Moisture Barrier And Bands (22 07 19 00-0960)

22 07 19 00-0965	LF	2-1/2" ID, 0.010" Stainless Steel Insulation Jacketing		11.38	1.85
22 07 19 00-0966	LF	2-3/4" ID, 0.010" Stainless Steel Insulation Jacketing		11.88	1.89
22 07 19 00-0967	LF	3" ID, 0.010" Stainless Steel Insulation Jacketing		12.39	1.93
22 07 19 00-0968	LF	3-1/4" ID, 0.010" Stainless Steel Insulation Jacketing		12.91	1.97
22 07 19 00-0969	LF	3-1/2" ID, 0.010" Stainless Steel Insulation Jacketing		13.44	2.01
22 07 19 00-0970	LF	3-3/4" ID, 0.010" Stainless Steel Insulation Jacketing		13.97	2.06
22 07 19 00-0971	LF	4" ID, 0.010" Stainless Steel Insulation Jacketing		14.51	2.10
22 07 19 00-0972	LF	4-1/4" ID, 0.010" Stainless Steel Insulation Jacketing		15.05	2.15
22 07 19 00-0973	LF	4-1/2" ID, 0.010" Stainless Steel Insulation Jacketing		15.60	2.21
22 07 19 00-0974	LF	5" ID, 0.010" Stainless Steel Insulation Jacketing		16.75	2.32
22 07 19 00-0975	LF	5-1/2" ID, 0.010" Stainless Steel Insulation Jacketing		17.95	2.44
22 07 19 00-0976	LF	6" ID, 0.010" Stainless Steel Insulation Jacketing		19.19	2.58
22 07 19 00-0977	LF	6-1/2" ID, 0.010" Stainless Steel Insulation Jacketing		20.18	2.65
22 07 19 00-0978	LF	7" ID, 0.010" Stainless Steel Insulation Jacketing		21.20	2.73
22 07 19 00-0979	LF	7-1/2" ID, 0.010" Stainless Steel Insulation Jacketing		22.31	2.83
22 07 19 00-0980	LF	8" ID, 0.010" Stainless Steel Insulation Jacketing		23.22	2.88
22 07 19 00-0981	LF	8-1/2" ID, 0.010" Stainless Steel Insulation Jacketing		24.13	2.94
22 07 19 00-0982	LF	9" ID, 0.010" Stainless Steel Insulation Jacketing		25.07	2.99
22 07 19 00-0983	LF	9-1/2" ID, 0.010" Stainless Steel Insulation Jacketing		26.00	3.05
22 07 19 00-0984	LF	10" ID, 0.010" Stainless Steel Insulation Jacketing		26.96	3.11
22 07 19 00-0985	LF	10-1/2" ID, 0.010" Stainless Steel Insulation Jacketing		27.92	3.18
22 07 19 00-0986	LF	11" ID, 0.010" Stainless Steel Insulation Jacketing		28.89	3.24
22 07 19 00-0987	LF	12" ID, 0.010" Stainless Steel Insulation Jacketing		30.85	3.38
22 07 19 00-0988	LF	13" ID, 0.010" Stainless Steel Insulation Jacketing		32.78	3.51
22 07 19 00-0989	LF	14" ID, 0.010" Stainless Steel Insulation Jacketing		34.39	3.56

22 07 19 00-0990 16 Mil, Type 304 Stainless Steel, Insulation Protective Jacketing With Moisture Barrier And Bands (22 07 19 00-0960)

22 07 19 00-0991	LF	2-1/2" ID, 0.016" Stainless Steel Insulation Jacketing		15.61	2.47
22 07 19 00-0992	LF	2-3/4" ID, 0.016" Stainless Steel Insulation Jacketing		16.31	2.52
22 07 19 00-0993	LF	3" ID, 0.016" Stainless Steel Insulation Jacketing		17.03	2.57
22 07 19 00-0994	LF	3-1/4" ID, 0.016" Stainless Steel Insulation Jacketing		17.78	2.63
22 07 19 00-0995	LF	3-1/2" ID, 0.016" Stainless Steel Insulation Jacketing		18.51	2.68
22 07 19 00-0996	LF	3-3/4" ID, 0.016" Stainless Steel Insulation Jacketing		19.25	2.74
22 07 19 00-0997	LF	4" ID, 0.016" Stainless Steel Insulation Jacketing		20.02	2.81
22 07 19 00-0998	LF	4-1/4" ID, 0.016" Stainless Steel Insulation Jacketing		20.78	2.87
22 07 19 00-0999	LF	4-1/2" ID, 0.016" Stainless Steel Insulation Jacketing		21.56	2.94
22 07 19 00-1000	LF	5" ID, 0.016" Stainless Steel Insulation Jacketing		23.17	3.08
22 07 19 00-1001	LF	5-1/2" ID, 0.016" Stainless Steel Insulation Jacketing		24.85	3.24
22 07 19 00-1002	LF	6" ID, 0.016" Stainless Steel Insulation Jacketing		26.58	3.42
22 07 19 00-1003	LF	6-1/2" ID, 0.016" Stainless Steel Insulation Jacketing		27.98	3.52
22 07 19 00-1004	LF	7" ID, 0.016" Stainless Steel Insulation Jacketing		29.44	3.62
22 07 19 00-1005	LF	7-1/2" ID, 0.016" Stainless Steel Insulation Jacketing		30.97	3.77
22 07 19 00-1006	LF	8" ID, 0.016" Stainless Steel Insulation Jacketing		32.27	3.84
22 07 19 00-1007	LF	8-1/2" ID, 0.016" Stainless Steel Insulation Jacketing		33.58	3.91
22 07 19 00-1008	LF	9" ID, 0.016" Stainless Steel Insulation Jacketing		34.91	3.98
22 07 19 00-1009	LF	9-1/2" ID, 0.016" Stainless Steel Insulation Jacketing		36.24	4.06
22 07 19 00-1010	LF	10" ID, 0.016" Stainless Steel Insulation Jacketing		37.58	4.14
22 07 19 00-1011	LF	10-1/2" ID, 0.016" Stainless Steel Insulation Jacketing		38.96	4.23
22 07 19 00-1012	LF	11" ID, 0.016" Stainless Steel Insulation Jacketing		40.33	4.31
22 07 19 00-1013	LF	12" ID, 0.016" Stainless Steel Insulation Jacketing		43.10	4.50
22 07 19 00-1014	LF	13" ID, 0.016" Stainless Steel Insulation Jacketing		45.84	4.67
22 07 19 00-1015	LF	14" ID, 0.016" Stainless Steel Insulation Jacketing		48.15	4.74

22 07 19 00-1016 Type 316 Stainless Steel Insulation Protective Jacketing For Fittings (22 07 19 00-0960)

22 07 19 00-1017	EA	2-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing		32.19	3.69
22 07 19 00-1018	EA	2-3/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing		32.55	3.78
22 07 19 00-1019	EA	3" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing		33.74	3.87
22 07 19 00-1020	EA	3-1/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing		34.13	3.97
22 07 19 00-1021	EA	3-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing		35.32	4.04
22 07 19 00-1022	EA	3-3/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing		36.70	4.11
22 07 19 00-1023	EA	4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing		39.17	4.22
22 07 19 00-1024	EA	4-1/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing		46.82	4.30

22 Plumbing
22 07 Plumbing Insulation
22 07 19 Plumbing Piping Insulation



MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 07 19 00-1025	EA	4-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	47.14	4.38
22 07 19 00-1026	EA	5" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	48.51	4.55
22 07 19 00-1027	EA	5-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	64.32	4.78
22 07 19 00-1028	EA	6" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	69.78	5.04
22 07 19 00-1029	EA	6-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	89.62	5.34
22 07 19 00-1030	EA	7" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	90.12	5.46
22 07 19 00-1031	EA	7-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	102.09	5.59
22 07 19 00-1032	EA	8" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	102.93	5.80
22 07 19 00-1033	EA	8-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	105.64	5.80
22 07 19 00-1034	EA	9" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	149.19	5.95
22 07 19 00-1035	EA	9-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	147.31	6.02
22 07 19 00-1036	EA	10" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	147.64	6.10
22 07 19 00-1037	EA	10-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	172.18	6.18
22 07 19 00-1038	EA	11" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	165.81	6.27
22 07 19 00-1039	EA	12" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	185.91	6.53
22 07 19 00-1040	EA	13" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	248.66	6.82
22 07 19 00-1041	EA	14" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	250.98	7.03
22 07 19 00-1042	EA	2-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	29.29	3.69
22 07 19 00-1043	EA	2-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	29.65	3.78
22 07 19 00-1044	EA	3" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	31.14	3.87
22 07 19 00-1045	EA	3-1/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	31.53	3.97
22 07 19 00-1046	EA	3-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	32.00	4.04
22 07 19 00-1047	EA	3-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	32.29	4.11
22 07 19 00-1048	EA	4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	37.27	4.22
22 07 19 00-1049	EA	4-1/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	45.81	4.30
22 07 19 00-1050	EA	4-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	46.13	4.38
22 07 19 00-1051	EA	4-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	46.47	4.46
22 07 19 00-1052	EA	5" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	47.31	4.55
22 07 19 00-1053	EA	5-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	48.25	4.78
22 07 19 00-1054	EA	6" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	54.71	5.04
22 07 19 00-1055	EA	6-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	55.87	5.34
22 07 19 00-1056	EA	7" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	80.28	5.46
22 07 19 00-1057	EA	7-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	82.00	5.59
22 07 19 00-1058	EA	8" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	82.27	5.66
22 07 19 00-1059	EA	8-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	92.99	5.80
22 07 19 00-1060	EA	9" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	93.58	5.95
22 07 19 00-1061	EA	9-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	106.03	6.02
22 07 19 00-1062	EA	10" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	106.36	6.10
22 07 19 00-1063	EA	10-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	123.22	6.18
22 07 19 00-1064	EA	11" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	123.55	6.27
22 07 19 00-1065	EA	12" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	133.08	6.53
22 07 19 00-1066	EA	13" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	153.14	6.82

22 07 19 00-1067 Polyvinyl Chloride (PVC) Insulation Protective Jacketing (22 07 19 00-0590)

22 07 19 00-1068 20 Mil Polyvinyl Chloride (PVC) Insulation Protective Jacketing (22 07 19 00-1067)

22 07 19 00-1069	LF	1-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	8.81	1.72
22 07 19 00-1070	LF	2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	9.72	1.78
22 07 19 00-1071	LF	2-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	10.49	1.85
22 07 19 00-1072	LF	3" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	11.44	1.93
22 07 19 00-1073	LF	3-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	12.27	2.01
22 07 19 00-1074	LF	4" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	13.20	2.10
22 07 19 00-1075	LF	4-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	14.16	2.21
22 07 19 00-1076	LF	5" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	15.08	2.32
22 07 19 00-1077	LF	5-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	16.15	2.44
22 07 19 00-1078	LF	6" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	17.25	2.58
22 07 19 00-1079	LF	6-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	18.11	2.65
22 07 19 00-1080	LF	7" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	18.90	2.73
22 07 19 00-1081	LF	7-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	19.96	2.83
22 07 19 00-1082	LF	8" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	20.65	2.88
22 07 19 00-1083	LF	8-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	21.42	2.94
22 07 19 00-1084	LF	9" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	22.22	2.99
22 07 19 00-1085	LF	9-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	23.01	3.05
22 07 19 00-1086	LF	10" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	23.76	3.11
22 07 19 00-1087	LF	10-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	24.57	3.18
22 07 19 00-1088	LF	11" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	25.41	3.24
22 07 19 00-1089	LF	11-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	26.24	3.31
22 07 19 00-1090	LF	12" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	27.02	3.38
22 07 19 00-1091	LF	12-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	27.96	3.46
22 07 19 00-1092	LF	13" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	28.67	3.51
22 07 19 00-1093	LF	13-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	29.23	3.51
22 07 19 00-1094	LF	14" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	30.01	3.56
22 07 19 00-1095	LF	15" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	31.37	3.62
22 07 19 00-1096	LF	16" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	32.64	3.69
22 07 19 00-1097	LF	17" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	34.01	3.75
22 07 19 00-1098	LF	18" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	35.38	3.81
22 07 19 00-1099	LF	19" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	36.69	3.87
22 07 19 00-1100	LF	20" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	38.08	3.93
22 07 19 00-1101	LF	21" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	39.39	4.00
22 07 19 00-1102	LF	22" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	40.80	4.07
22 07 19 00-1103	LF	23" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	42.14	4.14
22 07 19 00-1104	LF	24" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	43.58	4.22
22 07 19 00-1105	LF	25" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	45.02	4.30
22 07 19 00-1106	LF	26" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	46.39	4.38
22 07 19 00-1107	LF	27" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	47.86	4.46

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 07 19 00-1108	LF		28" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	49.26	4.55
22 07 19 00-1109	LF		29" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	50.76	4.64
22 07 19 00-1110	LF		30" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	52.26	4.73

22 07 19 00-1111 30 Mil Polyvinyl Chloride (PVC) Insulation Protective Jacketing (22 07 19 00-1067)

22 07 19 00-1112	LF		2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	10.93	1.78
22 07 19 00-1113	LF		2-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	12.02	1.85
22 07 19 00-1114	LF		3" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	13.22	1.93
22 07 19 00-1115	LF		3-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	14.28	2.01
22 07 19 00-1116	LF		4" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	15.46	2.10
22 07 19 00-1117	LF		4-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	16.66	2.21
22 07 19 00-1118	LF		5" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	17.91	2.32
22 07 19 00-1119	LF		5-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	19.21	2.44
22 07 19 00-1120	LF		6" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	20.56	2.58
22 07 19 00-1121	LF		6-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	21.66	2.65
22 07 19 00-1122	LF		7" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	22.77	2.73
22 07 19 00-1123	LF		7-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	24.07	2.83
22 07 19 00-1124	LF		8" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	25.09	2.88
22 07 19 00-1125	LF		8-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	26.11	2.94
22 07 19 00-1126	LF		9" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	27.14	2.99
22 07 19 00-1127	LF		9-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	28.18	3.05
22 07 19 00-1128	LF		10" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	29.25	3.11
22 07 19 00-1129	LF		10-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	30.30	3.18
22 07 19 00-1130	LF		11" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	31.38	3.24
22 07 19 00-1131	LF		11-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	32.46	3.31
22 07 19 00-1132	LF		12" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	33.55	3.38
22 07 19 00-1133	LF		12-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	34.74	3.46
22 07 19 00-1134	LF		13" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	35.77	3.51
22 07 19 00-1135	LF		13-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	36.58	3.51
22 07 19 00-1136	LF		14" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	37.59	3.56
22 07 19 00-1137	LF		15" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	39.44	3.62
22 07 19 00-1138	LF		16" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	41.27	3.69
22 07 19 00-1139	LF		17" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	43.13	3.75
22 07 19 00-1140	LF		18" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	45.06	3.81
22 07 19 00-1141	LF		19" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	46.94	3.87
22 07 19 00-1142	LF		20" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	48.82	3.93
22 07 19 00-1143	LF		21" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	50.69	4.00
22 07 19 00-1144	LF		22" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	52.59	4.07
22 07 19 00-1145	LF		23" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	54.49	4.14
22 07 19 00-1146	LF		24" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	56.41	4.22
22 07 19 00-1147	LF		25" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	58.42	4.30
22 07 19 00-1148	LF		26" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	60.35	4.38
22 07 19 00-1149	LF		27" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	62.31	4.46
22 07 19 00-1150	LF		28" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	64.27	4.55
22 07 19 00-1151	LF		29" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	66.26	4.64
22 07 19 00-1152	LF		30" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	68.24	4.73

22 07 19 00-1153 Polyvinyl Chloride (PVC) Insulation Protective Jacketing For Fittings (22 07 19 00-1067)

22 07 19 00-1154	EA		1-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	18.18	3.43
22 07 19 00-1155	EA		2" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	19.76	3.56
22 07 19 00-1156	EA		2-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	20.63	3.62
22 07 19 00-1157	EA		2-1/2" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	21.50	3.69
22 07 19 00-1158	EA		2-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	22.42	3.78
22 07 19 00-1159	EA		3" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	23.22	3.87
22 07 19 00-1160	EA		3-3/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	24.79	4.00
22 07 19 00-1161	EA		3-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	26.27	4.11
22 07 19 00-1162	EA		4-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	29.30	4.22
22 07 19 00-1163	EA		4-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	32.68	4.42
22 07 19 00-1164	EA		5-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	36.07	4.64
22 07 19 00-1165	EA		5-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	42.61	4.88
22 07 19 00-1166	EA		6-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	59.11	5.16
22 07 19 00-1167	EA		6-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	61.84	5.34
22 07 19 00-1168	EA		7-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	72.59	5.46
22 07 19 00-1169	EA		7-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	75.61	5.59
22 07 19 00-1170	EA		8-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	91.71	5.80
22 07 19 00-1171	EA		9-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	115.61	6.02
22 07 19 00-1172	EA		10-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	127.24	6.27
22 07 19 00-1173	EA		11-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	143.23	6.53
22 07 19 00-1174	EA		12-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	175.14	6.82
22 07 19 00-1175	EA		14-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	197.10	7.03
22 07 19 00-1176	EA		15-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	210.57	7.25
22 07 19 00-1177	EA		16-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	227.66	7.36
22 07 19 00-1178	EA		17-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	249.84	7.48
22 07 19 00-1179	EA		18-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	314.09	7.60
22 07 19 00-1180	EA		19-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	416.03	7.73
22 07 19 00-1181	EA		20-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	526.39	7.86
22 07 19 00-1182	EA		1-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	18.18	3.43
22 07 19 00-1183	EA		2" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	19.76	3.56
22 07 19 00-1184	EA		2-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	20.63	3.62
22 07 19 00-1185	EA		2-1/2" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	21.50	3.69
22 07 19 00-1186	EA		2-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	22.42	3.78
22 07 19 00-1187	EA		3" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	23.22	3.87
22 07 19 00-1188	EA		3-3/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	24.79	4.00

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-1189	EA	3-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	.....	26.27	4.11
22 07 19 00-1190	EA	4-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	.....	29.30	4.22
22 07 19 00-1191	EA	4-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	.....	32.68	4.42
22 07 19 00-1192	EA	5-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	.....	36.07	4.64
22 07 19 00-1193	EA	5-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	.....	42.61	4.88
22 07 19 00-1194	EA	6-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	.....	59.11	5.16
22 07 19 00-1195	EA	6-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	.....	61.84	5.34
22 07 19 00-1196	EA	7-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	.....	72.59	5.46
22 07 19 00-1197	EA	7-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	.....	75.61	5.59
22 07 19 00-1198	EA	8-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	.....	91.71	5.80
22 07 19 00-1199	EA	9-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	.....	115.61	6.02
22 07 19 00-1200	EA	10-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	.....	127.16	6.27
22 07 19 00-1201	EA	11-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	.....	138.71	6.53
22 07 19 00-1202	EA	12-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	.....	152.94	6.82
22 07 19 00-1203	EA	14-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	.....	171.68	7.03
22 07 19 00-1204	EA	15-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	.....	183.05	7.25
22 07 19 00-1205	EA	16-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	.....	205.38	7.36
22 07 19 00-1206	EA	17-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	.....	228.05	7.48
22 07 19 00-1207	EA	18-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	.....	272.53	7.60
22 07 19 00-1208	EA	19-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	.....	361.16	7.73
22 07 19 00-1209	EA	20-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	.....	405.50	7.86
22 07 19 00-1210	EA	1-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	.....	27.72	4.83
22 07 19 00-1211	EA	2" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	.....	29.25	4.93
22 07 19 00-1212	EA	2-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	.....	30.72	5.09
22 07 19 00-1213	EA	2-1/2" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	.....	32.38	5.27
22 07 19 00-1214	EA	2-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	.....	34.26	5.46
22 07 19 00-1215	EA	3" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	.....	36.10	5.66
22 07 19 00-1216	EA	3-3/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	.....	38.98	5.87
22 07 19 00-1217	EA	3-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	.....	42.01	6.10
22 07 19 00-1218	EA	4-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	.....	46.23	6.35
22 07 19 00-1219	EA	4-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	.....	52.41	6.63
22 07 19 00-1220	EA	5-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	.....	58.84	6.93
22 07 19 00-1221	EA	5-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	.....	70.85	7.36
22 07 19 00-1222	EA	6-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	.....	85.31	7.73
22 07 19 00-1223	EA	6-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	.....	98.75	7.86
22 07 19 00-1224	EA	7-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	.....	141.34	8.14
22 07 19 00-1225	EA	7-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	.....	153.63	8.59
22 07 19 00-1226	EA	8-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	.....	180.78	8.92
22 07 19 00-1227	EA	9-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	.....	208.19	9.27
22 07 19 00-1228	EA	10-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	.....	211.76	9.67
22 07 19 00-1229	EA	11-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	.....	231.80	9.87
22 07 19 00-1230	EA	12-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	.....	251.86	10.08
22 07 19 00-1231	EA	14-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	.....	272.12	10.31
22 07 19 00-1232	EA	15-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	.....	292.19	10.54
22 07 19 00-1233	EA	16-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	.....	312.45	10.78
22 07 19 00-1234	EA	17-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	.....	332.52	11.05
22 07 19 00-1235	EA	18-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	.....	362.65	11.32
22 07 19 00-1236	EA	19-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	.....	392.69	11.60
22 07 19 00-1237	EA	20-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	.....	429.13	11.89
22 07 19 00-1238	EA	3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	.....	48.36	3.31
22 07 19 00-1239	EA	1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	.....	48.36	3.31
22 07 19 00-1240	EA	1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	.....	58.21	3.43
22 07 19 00-1241	EA	1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	.....	58.21	3.43
22 07 19 00-1242	EA	2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	.....	84.40	3.56
22 07 19 00-1243	EA	2-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	.....	92.72	3.72
22 07 19 00-1244	EA	3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	.....	102.71	3.87
22 07 19 00-1245	EA	3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	.....	117.09	4.04
22 07 19 00-1246	EA	4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	.....	129.37	4.22
22 07 19 00-1247	EA	5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	.....	158.42	4.64
22 07 19 00-1248	EA	6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	.....	227.21	5.16
22 07 19 00-1249	EA	8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	.....	248.19	5.80
22 07 19 00-1250	EA	10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	.....	312.61	6.18
22 07 19 00-1251	EA	12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	.....	441.30	6.82
22 07 19 00-1252	EA	14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	.....	443.28	7.14
22 07 19 00-1253	EA	16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	.....	593.48	7.36
22 07 19 00-1254	EA	18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	.....	806.14	7.60
22 07 19 00-1255	EA	3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	.....	44.48	3.31
22 07 19 00-1256	EA	1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	.....	44.48	3.31
22 07 19 00-1257	EA	1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	.....	53.53	3.43
22 07 19 00-1258	EA	1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	.....	53.53	3.43
22 07 19 00-1259	EA	2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	.....	76.73	3.56
22 07 19 00-1260	EA	2-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	.....	84.16	3.72
22 07 19 00-1261	EA	3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	.....	93.35	3.87
22 07 19 00-1262	EA	3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	.....	98.29	4.04
22 07 19 00-1263	EA	4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	.....	116.94	4.22
22 07 19 00-1264	EA	5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	.....	143.00	4.64
22 07 19 00-1265	EA	6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	.....	204.53	5.16
22 07 19 00-1266	EA	8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	.....	223.33	5.80
22 07 19 00-1267	EA	10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	.....	280.97	6.18
22 07 19 00-1268	EA	12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	.....	396.02	6.82
22 07 19 00-1269	EA	14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	.....	508.17	7.14
22 07 19 00-1270	EA	16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	.....	610.51	7.36
22 07 19 00-1271	EA	18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	.....	716.23	7.60
22 07 19 00-1272	EA	3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	.....	65.71	4.98
22 07 19 00-1273	EA	1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	.....	65.71	4.98

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-1274	EA			1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing.....	78.39	5.16
22 07 19 00-1275	EA			1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing.....	78.39	5.16
22 07 19 00-1276	EA			2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing.....	112.44	5.34
22 07 19 00-1277	EA			2-1/2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing.....	123.45	5.52
22 07 19 00-1278	EA			3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing.....	136.58	5.80
22 07 19 00-1279	EA			3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing.....	144.26	6.02
22 07 19 00-1280	EA			4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing.....	172.13	6.35
22 07 19 00-1281	EA			5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing.....	189.34	6.93
22 07 19 00-1282	EA			6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing.....	270.04	7.73
22 07 19 00-1283	EA			8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing.....	293.57	8.59
22 07 19 00-1284	EA			10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing.....	411.40	9.27
22 07 19 00-1285	EA			12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing.....	578.39	10.08
22 07 19 00-1286	EA			14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing.....	693.04	10.78
22 07 19 00-1287	EA			16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing.....	823.76	11.05
22 07 19 00-1288	EA			18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing.....	904.09	11.32

22 10 Plumbing Piping ⁽²²⁾

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

22 11 Facility Water Distribution ^(22 10)

22 11 16 Domestic Water Piping ^(22 11)

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks. See CSI section 23 21 13 00-0000 for black steel piping and fitting.

22 11 16 00-0001 Galvanized Steel Pipe Assemblies ^(22 11 16)

Note: (ASTM A-53) Threaded and coupled. Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.

22 11 16 00-0002	LF			1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly.....	19.41	4.27
				Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
				<i>For ASTM 120, Deduct</i>	-0.78	
				<i>For Work In Restricted Working Space, Add</i>	4.25	
				<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	5.19	
22 11 16 00-0003	LF			3/4" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly.....	21.57	4.59
				Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
				<i>For ASTM 120, Deduct</i>	-0.99	
				<i>For Work In Restricted Working Space, Add</i>	4.50	
				<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	5.96	
22 11 16 00-0004	LF			1" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly.....	24.94	5.03
				Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
				<i>For ASTM 120, Deduct</i>	-1.34	
				<i>For Work In Restricted Working Space, Add</i>	4.81	
				<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	7.21	
22 11 16 00-0005	LF			1-1/4" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly.....	29.70	5.24
				Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
				<i>For ASTM 120, Deduct</i>	-1.90	
				<i>For Work In Restricted Working Space, Add</i>	5.11	
				<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	9.11	
22 11 16 00-0006	LF			1-1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly.....	32.34	6.20
				Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
				<i>For ASTM 120, Deduct</i>	-2.19	
				<i>For Work In Restricted Working Space, Add</i>	5.33	
				<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	10.11	
22 11 16 00-0007	LF			2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly.....	39.65	7.48
				Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
				<i>For ASTM 120, Deduct</i>	-2.92	
				<i>For Work In Restricted Working Space, Add</i>	6.06	
				<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	12.79	
22 11 16 00-0008	LF			2-1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly.....	59.74	8.87
				Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
				<i>For ASTM 120, Deduct</i>	-5.41	
				<i>For Work In Restricted Working Space, Add</i>	7.10	
				<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	20.96	
22 11 16 00-0009	LF			3" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly.....	73.88	11.87
				Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
				<i>For ASTM 120, Deduct</i>	-6.78	
				<i>For Work In Restricted Working Space, Add</i>	8.61	
				<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	26.07	
22 11 16 00-0010	LF			4" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly.....	116.42	13.29
				Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
				<i>For ASTM 120, Deduct</i>	-12.81	
				<i>For Work In Restricted Working Space, Add</i>	9.32	
				<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	44.63	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0011	LF		5" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	207.65	16.99
			For ASTM 120, Deduct	-25.52	
			For Work In Restricted Working Space, Add	11.25	
			For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	84.07	
22 11 16 00-0012	LF		6" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	253.28	20.09
			For ASTM 120, Deduct	-31.60	
			For Work In Restricted Working Space, Add	12.79	
			For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	103.32	
22 11 16 00-0013			Galvanized Steel Pipe And Threaded Fittings (22 11 16) Note: (ASTM A-53) Threaded and coupled, schedule 40. Excludes hangers, elbow, tee, or reducer fittings.		
22 11 16 00-0014			Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe (22 11 16 00-0013) Note: ASTM A-53. Includes coupling. Welded pipe has a weld bead on the inside.		
22 11 16 00-0015	LF		1/2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Pipe, Add	9.60 -0.47 1.94 2.15	4.27
22 11 16 00-0016	LF		3/4" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Pipe, Add	11.02 -0.62 2.07 2.67	4.59
22 11 16 00-0017	LF		1" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Pipe, Add	13.59 -0.92 2.24 3.68	5.03
22 11 16 00-0018	LF		1-1/4" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Pipe, Add	16.20 -1.24 2.38 4.77	5.24
22 11 16 00-0019	LF		1-1/2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Pipe, Add	19.21 -1.49 2.79 5.69	6.20
22 11 16 00-0020	LF		2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Pipe, Add	24.55 -2.00 3.38 7.51	7.48
22 11 16 00-0021	LF		2-1/2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Pipe, Add	34.46 -3.17 4.01 11.46	8.87
22 11 16 00-0022	LF		3" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Pipe, Add	45.44 -4.14 5.34 15.04	11.87
22 11 16 00-0023	LF		4" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Pipe, Add	59.32 -5.90 6.00 20.88	13.29
22 11 16 00-0024	LF		5" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Pipe, Add	78.19 -7.91 7.63 27.86	16.99
22 11 16 00-0025	LF		6" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Pipe, Add	98.51 -10.26 9.03 35.85	20.09
22 11 16 00-0026	LF		8" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Pipe, Add	110.26 -11.09 10.90 39.12	24.28
22 11 16 00-0027			Seamless, Threaded And Coupled, Galvanized Steel Pipe (22 11 16 00-0013) Note: ASTM A-53. Includes coupling.		
22 11 16 00-0028	LF		1/2" Schedule 40, Seamless, Threaded Galvanized Steel Pipe For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Pipe, Add	10.45 -0.60 1.94 2.55	4.27
22 11 16 00-0029	LF		3/4" Schedule 40, Seamless, Threaded Galvanized Steel Pipe For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Pipe, Add	11.66 -0.71 2.07 2.97	4.59
22 11 16 00-0030	LF		1" Schedule 40, Seamless, Threaded Galvanized Steel Pipe For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Pipe, Add	13.00 -0.83 2.24 3.40	5.03
22 11 16 00-0031	LF		1-1/4" Schedule 40, Seamless, Threaded Galvanized Steel Pipe For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Pipe, Add	14.87 -1.04 2.38 4.13	5.24
22 11 16 00-0032	LF		1-1/2" Schedule 40, Seamless, Threaded Galvanized Steel Pipe For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Pipe, Add	17.24 -1.19 2.79 4.74	6.20

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0033	LF		2" Schedule 40, Seamless, Threaded Galvanized Steel Pipe For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Pipe, Add	20.29 -1.36 3.38 5.46	7.48
22 11 16 00-0034	LF		2-1/2" Schedule 40, Seamless, Threaded Galvanized Steel Pipe For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Pipe, Add	28.49 -2.27 4.01 8.60	8.87
22 11 16 00-0035	LF		3" Schedule 40, Seamless, Threaded Galvanized Steel Pipe For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Pipe, Add	36.31 -2.78 5.34 10.66	11.87
22 11 16 00-0036	LF		4" Schedule 40, Seamless, Threaded Galvanized Steel Pipe For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Pipe, Add	46.44 -3.97 6.00 14.70	13.29
22 11 16 00-0037	LF		5" Schedule 40, Seamless, Threaded Galvanized Steel Pipe For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Pipe, Add	59.96 -5.18 7.63 19.11	16.99
22 11 16 00-0038	LF		6" Schedule 40, Seamless, Threaded Galvanized Steel Pipe For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Pipe, Add	74.25 -6.62 9.03 24.21	20.09
22 11 16 00-0039			Galvanized Malleable Iron 90 Degree Elbows (22 11 16 00-0013)		
22 11 16 00-0040	EA		1/2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	34.87 -0.96 8.55 23.37	19.03
22 11 16 00-0041	EA		3/4", 150 LB, Galvanized Malleable Iron 90 Degree Elbow For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	39.72 -1.17 9.57 28.50	21.28
22 11 16 00-0042	EA		1", 150 LB, Galvanized Malleable Iron 90 Degree Elbow For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	50.12 -2.17 10.69 51.40	23.73
22 11 16 00-0043	EA		1-1/4", 150 LB, Galvanized Malleable Iron 90 Degree Elbow For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	63.23 -3.44 12.10 80.28	26.94
22 11 16 00-0044	EA		1-1/2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	75.36 -4.48 13.64 104.32	30.35
22 11 16 00-0045	EA		2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	106.72 -7.34 17.33 169.90	38.58
22 11 16 00-0046	EA		2-1/2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	213.59 -19.21 25.65 440.64	57.08
22 11 16 00-0047	EA		3", 150 LB, Galvanized Malleable Iron 90 Degree Elbow For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	323.69 -31.68 33.75 724.76	75.04
22 11 16 00-0048	EA		4", 150 LB, Galvanized Malleable Iron 90 Degree Elbow For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	489.06 -55.87 34.98 1,273.36	77.75
22 11 16 00-0049	EA		5", 150 LB, Galvanized Malleable Iron 90 Degree Elbow For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	1,730.14 -241.27 36.50 5,476.13	81.15
22 11 16 00-0050	EA		6", 150 LB, Galvanized Malleable Iron 90 Degree Elbow For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	1,610.04 -222.43 38.16 5,049.29	84.84
22 11 16 00-0051	EA		8", 150 LB, Galvanized Malleable Iron 90 Degree Elbow For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	1,921.87 -268.34 39.88 6,090.41	88.66
22 11 16 00-0052			Galvanized Malleable Iron Reducing 90 Degree Elbows (22 11 16 00-0013)		
22 11 16 00-0053	EA		3/4" x 1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow For ASTM 120, Deduct For Work In Restricted Working Space, Add	43.81 -2.04 9.06	20.10
22 11 16 00-0054	EA		1" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow For ASTM 120, Deduct For Work In Restricted Working Space, Add	51.22 -2.62 10.13	22.55
22 11 16 00-0055	EA		1" x 1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow For ASTM 120, Deduct For Work In Restricted Working Space, Add	50.58 -2.78 9.62	21.38
22 11 16 00-0056	EA		1-1/4" x 1", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow For ASTM 120, Deduct For Work In Restricted Working Space, Add	67.26 -4.39 11.39	25.33

22 Plumbing
22 10 Plumbing Piping
22 11 Facility Water Distribution

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

22 11 16 00-0057	EA	1-1/4" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	71.28	24.05
		<i>For ASTM 120, Deduct</i>	-5.28	
		<i>For Work In Restricted Working Space, Add</i>	10.83	
22 11 16 00-0058	EA	1-1/4" x 1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	71.68	22.98
		<i>For ASTM 120, Deduct</i>	-5.59	
		<i>For Work In Restricted Working Space, Add</i>	10.33	
22 11 16 00-0059	EA	1-1/2" x 1-1/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	89.69	28.65
		<i>For ASTM 120, Deduct</i>	-7.02	
		<i>For Work In Restricted Working Space, Add</i>	12.87	
22 11 16 00-0060	EA	1-1/2" x 1", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	87.35	27.04
		<i>For ASTM 120, Deduct</i>	-7.02	
		<i>For Work In Restricted Working Space, Add</i>	12.17	
22 11 16 00-0061	EA	1-1/2" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	85.48	25.76
		<i>For ASTM 120, Deduct</i>	-7.02	
		<i>For Work In Restricted Working Space, Add</i>	11.61	
22 11 16 00-0062	EA	2" x 1-1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	106.29	34.42
		<i>For ASTM 120, Deduct</i>	-8.20	
		<i>For Work In Restricted Working Space, Add</i>	15.49	
22 11 16 00-0063	EA	2" x 1-1/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	111.71	32.71
		<i>For ASTM 120, Deduct</i>	-9.40	
		<i>For Work In Restricted Working Space, Add</i>	14.72	
22 11 16 00-0064	EA	2" x 1", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	111.72	31.11
		<i>For ASTM 120, Deduct</i>	-9.75	
		<i>For Work In Restricted Working Space, Add</i>	14.01	
22 11 16 00-0065	EA	2" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	94.16	29.93
		<i>For ASTM 120, Deduct</i>	-7.40	
		<i>For Work In Restricted Working Space, Add</i>	13.45	
22 11 16 00-0066	EA	2-1/2" x 2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	256.90	47.78
		<i>For ASTM 120, Deduct</i>	-27.79	
		<i>For Work In Restricted Working Space, Add</i>	21.49	
22 11 16 00-0067	EA	2-1/2" x 1-1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	271.90	43.72
		<i>For ASTM 120, Deduct</i>	-30.96	
		<i>For Work In Restricted Working Space, Add</i>	19.65	
22 11 16 00-0068	EA	3" x 2-1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	435.73	66.05
		<i>For ASTM 120, Deduct</i>	-50.51	
		<i>For Work In Restricted Working Space, Add</i>	29.70	
22 11 16 00-0069	EA	3" x 2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	377.60	56.75
		<i>For ASTM 120, Deduct</i>	-43.87	
		<i>For Work In Restricted Working Space, Add</i>	25.54	
22 11 16 00-0070	EA	4" x 3", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	872.87	73.95
		<i>For ASTM 120, Deduct</i>	-114.30	
		<i>For Work In Restricted Working Space, Add</i>	33.27	
22 11 16 00-0071		Galvanized Malleable Iron 45 Degree Elbow <small>(22 11 16 00-0013)</small>		
22 11 16 00-0072	EA	1/2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	36.00	19.03
		<i>For ASTM 120, Deduct</i>	-1.13	
		<i>For Work In Restricted Working Space, Add</i>	8.55	
		<i>For 300 LB Rating, Add</i>	27.21	
22 11 16 00-0073	EA	3/4", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	42.68	21.28
		<i>For ASTM 120, Deduct</i>	-1.62	
		<i>For Work In Restricted Working Space, Add</i>	9.57	
		<i>For 300 LB Rating, Add</i>	38.57	
22 11 16 00-0074	EA	1", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	47.80	23.73
		<i>For ASTM 120, Deduct</i>	-1.83	
		<i>For Work In Restricted Working Space, Add</i>	10.69	
		<i>For 300 LB Rating, Add</i>	43.52	
22 11 16 00-0075	EA	1-1/4", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	63.07	26.94
		<i>For ASTM 120, Deduct</i>	-3.41	
		<i>For Work In Restricted Working Space, Add</i>	12.10	
		<i>For 300 LB Rating, Add</i>	79.74	
22 11 16 00-0076	EA	1-1/2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	72.19	30.35
		<i>For ASTM 120, Deduct</i>	-4.01	
		<i>For Work In Restricted Working Space, Add</i>	13.64	
		<i>For 300 LB Rating, Add</i>	93.54	
22 11 16 00-0077	EA	2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	97.30	38.58
		<i>For ASTM 120, Deduct</i>	-5.93	
		<i>For Work In Restricted Working Space, Add</i>	17.33	
		<i>For 300 LB Rating, Add</i>	137.87	
22 11 16 00-0078	EA	2-1/2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	223.03	57.08
		<i>For ASTM 120, Deduct</i>	-20.63	
		<i>For Work In Restricted Working Space, Add</i>	25.65	
		<i>For 300 LB Rating, Add</i>	472.73	
22 11 16 00-0079	EA	3", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	312.54	75.04
		<i>For ASTM 120, Deduct</i>	-30.00	
		<i>For Work In Restricted Working Space, Add</i>	33.75	
		<i>For 300 LB Rating, Add</i>	686.85	
22 11 16 00-0080	EA	4", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	451.95	77.75
		<i>For ASTM 120, Deduct</i>	-50.30	
		<i>For Work In Restricted Working Space, Add</i>	34.98	
		<i>For 300 LB Rating, Add</i>	1,147.19	
22 11 16 00-0081	EA	5", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	1,476.73	81.15
		<i>For ASTM 120, Deduct</i>	-203.26	
		<i>For Work In Restricted Working Space, Add</i>	36.50	
		<i>For 300 LB Rating, Add</i>	4,614.54	
22 11 16 00-0082	EA	6", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	1,761.10	84.84
		<i>For ASTM 120, Deduct</i>	-245.09	
		<i>For Work In Restricted Working Space, Add</i>	38.16	
		<i>For 300 LB Rating, Add</i>	5,562.89	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0083	EA		8", 150 LB, Galvanized Malleable Iron 45 Degree Elbow For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	2,101.29 -295.26 39.88 6,700.43	88.66
22 11 16 00-0084			Galvanized Malleable Iron Tees (22 11 16 00-0013)		
22 11 16 00-0085	EA		1/2", 150 LB, Galvanized Malleable Iron Tee..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	43.88 -1.24 10.69 30.19	23.73
22 11 16 00-0086	EA		3/4", 150 LB, Galvanized Malleable Iron Tee..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	54.72 -2.04 12.33 48.74	27.47
22 11 16 00-0087	EA		1", 150 LB, Galvanized Malleable Iron Tee..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	70.58 -3.30 14.57 77.71	32.39
22 11 16 00-0088	EA		1-1/4", 150 LB, Galvanized Malleable Iron Tee For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	92.68 -5.24 17.33 122.16	38.58
22 11 16 00-0089	EA		1-1/2", 150 LB, Galvanized Malleable Iron Tee For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	112.35 -6.51 20.69 151.66	45.97
22 11 16 00-0090	EA		2", 150 LB, Galvanized Malleable Iron Tee..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	156.03 -10.58 25.65 244.93	57.08
22 11 16 00-0091	EA		2-1/2", 150 LB, Galvanized Malleable Iron Tee For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	291.53 -29.79 27.89 680.75	61.99
22 11 16 00-0092	EA		3", 150 LB, Galvanized Malleable Iron Tee..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	345.38 -34.93 33.75 798.51	75.04
22 11 16 00-0093	EA		4", 150 LB, Galvanized Malleable Iron Tee..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	698.17 -82.63 44.18 1,881.86	98.24
22 11 16 00-0094	EA		5", 150 LB, Galvanized Malleable Iron Tee..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	1,906.57 -259.75 52.47 5,898.21	116.63
22 11 16 00-0095	EA		6", 150 LB, Galvanized Malleable Iron Tee..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	2,164.01 -294.62 59.96 6,690.03	133.32
22 11 16 00-0096	EA		8", 150 LB, Galvanized Malleable Iron Tee..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	2,573.60 -350.06 71.96 7,949.11	158.30
22 11 16 00-0097			Galvanized Malleable Iron Reducing Tee (22 11 16 00-0013)		
22 11 16 00-0098	EA		1/2", 150 LB, Galvanized Malleable Iron Reducing Tee..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	54.81 -2.88 10.69 67.35	23.73
22 11 16 00-0099	EA		3/4", 150 LB, Galvanized Malleable Iron Reducing Tee..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	60.02 -2.84 12.33 66.76	27.47
22 11 16 00-0100	EA		1", 150 LB, Galvanized Malleable Iron Reducing Tee..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	75.15 -3.99 14.57 93.25	32.39
22 11 16 00-0101	EA		1-1/4", 150 LB, Galvanized Malleable Iron Reducing Tee For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	98.98 -6.18 17.33 143.58	38.58
22 11 16 00-0102	EA		1-1/2", 150 LB, Galvanized Malleable Iron Reducing Tee For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	119.86 -7.64 20.69 177.20	45.97
22 11 16 00-0103	EA		2", 150 LB, Galvanized Malleable Iron Reducing Tee..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	159.81 -11.15 25.65 257.78	57.08
22 11 16 00-0104	EA		2-1/2", 150 LB, Galvanized Malleable Iron Reducing Tee For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	355.70 -39.37 27.97 897.96	62.20
22 11 16 00-0105	EA		3", 150 LB, Galvanized Malleable Iron Reducing Tee..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	454.68 -51.06 34.29 1,164.18	76.21

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22 11 16 00-0106	EA		4", 150 LB, Galvanized Malleable Iron Reducing Tee..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	1,134.03 -148.01 44.18 3,363.79	98.24
22 11 16 00-0107	EA		5", 150 LB, Galvanized Malleable Iron Reducing Tee..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	2,463.06 -343.23 52.47 7,790.27	116.63
22 11 16 00-0108	EA		6", 150 LB, Galvanized Malleable Iron Reducing Tee..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	2,795.85 -389.40 59.96 8,838.29	133.32
22 11 16 00-0109	EA		8", 150 LB, Galvanized Malleable Iron Reducing Tee..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	3,359.93 -469.51 68.96 10,656.03	153.09
22 11 16 00-0110 Galvanized Malleable Iron Couplings (22 11 16 00-0013)					
22 11 16 00-0111	EA		1/2", 150 LB, Galvanized Malleable Iron Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	34.79 -0.94 8.55 23.10	19.03
22 11 16 00-0112	EA		3/4", 150 LB, Galvanized Malleable Iron Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	39.15 -1.09 9.57 26.56	21.28
22 11 16 00-0113	EA		1", 150 LB, Galvanized Malleable Iron Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	47.51 -1.78 10.69 42.53	23.73
22 11 16 00-0114	EA		1-1/4", 150 LB, Galvanized Malleable Iron Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	57.08 -2.51 12.10 59.37	26.94
22 11 16 00-0115	EA		1-1/2", 150 LB, Galvanized Malleable Iron Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	64.52 -2.86 13.64 67.46	30.35
22 11 16 00-0116	EA		2", 150 LB, Galvanized Malleable Iron Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	85.61 -4.18 17.33 98.12	38.58
22 11 16 00-0117	EA		2-1/2", 150 LB, Galvanized Malleable Iron Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	170.72 -12.78 25.65 294.88	57.08
22 11 16 00-0118	EA		3", 150 LB, Galvanized Malleable Iron Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	226.41 -17.09 33.75 394.01	75.04
22 11 16 00-0119	EA		4", 150 LB, Galvanized Malleable Iron Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	358.50 -36.29 34.98 829.46	77.75
22 11 16 00-0120	EA		5", 150 LB, Galvanized Malleable Iron Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	802.80 -102.17 36.50 2,323.18	81.15
22 11 16 00-0121	EA		6", 150 LB, Galvanized Malleable Iron Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	903.20 -116.40 38.16 2,646.03	84.84
22 11 16 00-0122	EA		8", 150 LB, Galvanized Malleable Iron Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	1,068.16 -140.29 39.88 3,187.79	88.66
22 11 16 00-0123 Galvanized Malleable Iron Reducing Couplings (22 11 16 00-0013)					
22 11 16 00-0124	EA		1/2", 150 LB, Galvanized Malleable Iron Reducing Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	36.13 -1.14 8.55 27.65	19.03
22 11 16 00-0125	EA		3/4", 150 LB, Galvanized Malleable Iron Reducing Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	40.06 -1.22 9.57 29.66	21.28
22 11 16 00-0126	EA		1", 150 LB, Galvanized Malleable Iron Reducing Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	49.23 -2.04 10.69 48.38	23.73
22 11 16 00-0127	EA		1-1/4", 150 LB, Galvanized Malleable Iron Reducing Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	57.91 -2.64 12.10 62.19	26.94
22 11 16 00-0128	EA		1-1/2", 150 LB, Galvanized Malleable Iron Reducing Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	68.15 -3.40 13.64 79.81	30.35

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0129	EA		2", 150 LB, Galvanized Malleable Iron Reducing Coupling.....	88.70	38.58
			<i>For ASTM 120, Deduct</i>	-4.64	
			<i>For Work In Restricted Working Space, Add</i>	17.33	
			<i>For 300 LB Rating, Add</i>	108.63	
22 11 16 00-0130	EA		2-1/2", 150 LB, Galvanized Malleable Iron Reducing Coupling	171.80	57.08
			<i>For ASTM 120, Deduct</i>	-12.95	
			<i>For Work In Restricted Working Space, Add</i>	25.65	
			<i>For 300 LB Rating, Add</i>	298.55	
22 11 16 00-0131	EA		3", 150 LB, Galvanized Malleable Iron Reducing Coupling.....	223.18	75.04
			<i>For ASTM 120, Deduct</i>	-16.60	
			<i>For Work In Restricted Working Space, Add</i>	33.75	
			<i>For 300 LB Rating, Add</i>	383.03	
22 11 16 00-0132	EA		4", 150 LB, Galvanized Malleable Iron Reducing Coupling.....	364.73	77.75
			<i>For ASTM 120, Deduct</i>	-37.22	
			<i>For Work In Restricted Working Space, Add</i>	34.98	
			<i>For 300 LB Rating, Add</i>	850.64	
22 11 16 00-0133	EA		5", 150 LB, Galvanized Malleable Iron Reducing Coupling.....	838.65	81.15
			<i>For ASTM 120, Deduct</i>	-107.55	
			<i>For Work In Restricted Working Space, Add</i>	36.50	
			<i>For 300 LB Rating, Add</i>	2,445.07	
22 11 16 00-0134	EA		6", 150 LB, Galvanized Malleable Iron Reducing Coupling.....	944.04	84.84
			<i>For ASTM 120, Deduct</i>	-122.53	
			<i>For Work In Restricted Working Space, Add</i>	38.16	
			<i>For 300 LB Rating, Add</i>	2,784.89	
22 11 16 00-0135	EA		8", 150 LB, Galvanized Malleable Iron Reducing Coupling.....	1,117.75	88.66
			<i>For ASTM 120, Deduct</i>	-147.72	
			<i>For Work In Restricted Working Space, Add</i>	39.88	
			<i>For 300 LB Rating, Add</i>	3,356.40	
22 11 16 00-0136			Galvanized Malleable Iron Caps (22 11 16 00-0013)		
22 11 16 00-0137	EA		1/2", 150 LB, Galvanized Malleable Iron Cap	15.43	8.87
			<i>For ASTM 120, Deduct</i>	-0.31	
			<i>For Work In Restricted Working Space, Add</i>	4.01	
			<i>For 300 LB Rating, Add</i>	7.84	
22 11 16 00-0138	EA		3/4", 150 LB, Galvanized Malleable Iron Cap	17.12	9.51
			<i>For ASTM 120, Deduct</i>	-0.43	
			<i>For Work In Restricted Working Space, Add</i>	4.28	
			<i>For 300 LB Rating, Add</i>	10.61	
22 11 16 00-0139	EA		1", 150 LB, Galvanized Malleable Iron Cap	19.99	11.01
			<i>For ASTM 120, Deduct</i>	-0.53	
			<i>For Work In Restricted Working Space, Add</i>	4.93	
			<i>For 300 LB Rating, Add</i>	13.06	
22 11 16 00-0140	EA		1-1/4", 150 LB, Galvanized Malleable Iron Cap	21.92	11.54
			<i>For ASTM 120, Deduct</i>	-0.70	
			<i>For Work In Restricted Working Space, Add</i>	5.17	
			<i>For 300 LB Rating, Add</i>	16.95	
22 11 16 00-0141	EA		1-1/2", 150 LB, Galvanized Malleable Iron Cap	21.62	11.54
			<i>For ASTM 120, Deduct</i>	-0.66	
			<i>For Work In Restricted Working Space, Add</i>	5.17	
			<i>For 300 LB Rating, Add</i>	15.93	
22 11 16 00-0142	EA		2", 150 LB, Galvanized Malleable Iron Cap	32.36	15.28
			<i>For ASTM 120, Deduct</i>	-1.41	
			<i>For Work In Restricted Working Space, Add</i>	6.90	
			<i>For 300 LB Rating, Add</i>	33.24	
22 11 16 00-0143	EA		2-1/2", 150 LB, Galvanized Malleable Iron Cap	49.54	19.03
			<i>For ASTM 120, Deduct</i>	-3.16	
			<i>For Work In Restricted Working Space, Add</i>	8.55	
			<i>For 300 LB Rating, Add</i>	73.25	
22 11 16 00-0144	EA		3", 150 LB, Galvanized Malleable Iron Cap	64.43	22.98
			<i>For ASTM 120, Deduct</i>	-4.49	
			<i>For Work In Restricted Working Space, Add</i>	10.34	
			<i>For 300 LB Rating, Add</i>	103.90	
22 11 16 00-0145	EA		4", 150 LB, Galvanized Malleable Iron Cap	95.98	26.68
			<i>For ASTM 120, Deduct</i>	-8.40	
			<i>For Work In Restricted Working Space, Add</i>	11.99	
			<i>For 300 LB Rating, Add</i>	192.80	
22 11 16 00-0146	EA		5", 150 LB, Galvanized Malleable Iron Cap	235.85	33.38
			<i>For ASTM 120, Deduct</i>	-27.88	
			<i>For Work In Restricted Working Space, Add</i>	14.99	
			<i>For 300 LB Rating, Add</i>	634.99	
22 11 16 00-0147	EA		6", 150 LB, Galvanized Malleable Iron Cap	293.82	39.67
			<i>For ASTM 120, Deduct</i>	-35.14	
			<i>For Work In Restricted Working Space, Add</i>	17.86	
			<i>For 300 LB Rating, Add</i>	800.12	
22 11 16 00-0148	EA		8", 150 LB, Galvanized Malleable Iron Cap	370.07	44.33
			<i>For ASTM 120, Deduct</i>	-45.54	
			<i>For Work In Restricted Working Space, Add</i>	19.94	
			<i>For 300 LB Rating, Add</i>	1,036.26	
22 11 16 00-0149			Galvanized Malleable Iron FIP Threaded, Unions (22 11 16 00-0013)		
22 11 16 00-0150	EA		1/2", 150 LB, Galvanized Malleable Iron Union	51.96	23.73
			<i>For Work In Restricted Working Space, Add</i>	10.69	
22 11 16 00-0151	EA		3/4", 150 LB, Galvanized Malleable Iron Union	59.87	27.47
			<i>For Work In Restricted Working Space, Add</i>	12.33	
22 11 16 00-0152	EA		1", 150 LB, Galvanized Malleable Iron Union	73.15	32.39
			<i>For Work In Restricted Working Space, Add</i>	14.57	
22 11 16 00-0153	EA		1-1/4", 150 LB, Galvanized Malleable Iron Union	93.29	38.58
			<i>For Work In Restricted Working Space, Add</i>	17.33	

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22 11 16 00-0154	EA		1-1/2", 150 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	112.00 20.69	45.97
22 11 16 00-0155	EA		2", 150 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	134.98 25.65	57.08
22 11 16 00-0156	EA		2-1/2", 150 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	298.10 37.87	84.12
22 11 16 00-0157	EA		3", 150 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	406.64 49.83	110.63
22 11 16 00-0158	EA		1/2", 250 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	68.82 10.69	23.73
22 11 16 00-0159	EA		3/4", 250 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	71.28 12.33	27.47
22 11 16 00-0160	EA		1", 250 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	85.97 14.57	32.39
22 11 16 00-0161	EA		1-1/4", 250 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	114.41 17.33	38.58
22 11 16 00-0162	EA		1-1/2", 250 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	134.16 20.69	45.97
22 11 16 00-0163	EA		2", 250 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	177.58 25.65	57.08
22 11 16 00-0164	EA		2-1/2", 250 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	368.46 37.87	84.12
22 11 16 00-0165	EA		3", 250 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	537.74 49.83	110.63
22 11 16 00-0166	EA		4", 250 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	755.11 51.64	114.73
22 11 16 00-0167	EA		1/2", 300 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	73.45 10.69	23.73
22 11 16 00-0168	EA		3/4", 300 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	82.13 12.33	27.47
22 11 16 00-0169	EA		1", 300 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	102.99 14.57	32.39
22 11 16 00-0170	EA		1-1/4", 300 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	133.65 17.33	38.58
22 11 16 00-0171	EA		1-1/2", 300 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	160.33 20.69	45.97
22 11 16 00-0172	EA		2", 300 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	195.17 25.65	57.08
22 11 16 00-0173	EA		2-1/2", 300 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	432.14 37.87	84.12
22 11 16 00-0174	EA		3", 300 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	683.47 49.83	110.63
22 11 16 00-0175	EA		4", 300 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	1,469.72 51.64	114.73
22 11 16 00-0176 Galvanized Steel Nipples (22 11 16 00-0013)					
Note: ASTM A-53.					
22 11 16 00-0177	EA		3/8" x Close, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	17.83 -0.38 4.58 2.92	10.15
22 11 16 00-0178	EA		1/2" x Close, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	17.34 -0.31 4.58 2.36	10.15
22 11 16 00-0179	EA		3/4" x Close, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	17.78 -0.38 4.58 2.86	10.15
22 11 16 00-0180	EA		1" x Close, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	19.89 -0.52 4.93 3.93	11.01
22 11 16 00-0181	EA		1-1/4" x Close, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	22.43 -0.69 5.34 5.27	11.87
22 11 16 00-0182	EA		1-1/2" x Close, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	23.24 -0.81 5.34 6.19	11.87
22 11 16 00-0183	EA		2" x Close, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	30.64 -1.15 6.90 8.72	15.28
22 11 16 00-0184	EA		2-1/2" x Close, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	51.27 -3.42 8.55 25.96	19.03
22 11 16 00-0185	EA		3" x Close, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	61.76 -4.09 10.34 31.10	22.98
22 11 16 00-0186	EA		4" x Close, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	80.87 -6.13 11.99 46.61	26.68

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0187 EA 3/8" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	18.21 -0.44 4.58 3.35	10.15
22 11 16 00-0188 EA 1/2" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	17.45 -0.33 4.58 2.49	10.15
22 11 16 00-0189 EA 3/4" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	18.01 -0.41 4.58 3.12	10.15
22 11 16 00-0190 EA 3/8" x 2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	18.21 -0.44 4.58 3.35	10.15
22 11 16 00-0191 EA 1/2" x 2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	17.45 -0.33 4.58 2.49	10.15
22 11 16 00-0192 EA 3/4" x 2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	18.01 -0.41 4.58 3.12	10.15
22 11 16 00-0193 EA 1" x 2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	20.51 -0.61 4.93 4.64	11.01
22 11 16 00-0194 EA 1-1/4" x 2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	22.77 -0.74 5.34 5.65	11.87
22 11 16 00-0195 EA 1-1/2" x 2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	23.64 -0.87 5.34 6.65	11.87
22 11 16 00-0196 EA 3/8" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	19.18 -0.59 4.58 4.46	10.15
22 11 16 00-0197 EA 1/2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	17.83 -0.38 4.58 2.92	10.15
22 11 16 00-0198 EA 3/4" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	18.29 -0.45 4.58 3.44	10.15
22 11 16 00-0199 EA 1" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	20.84 -0.66 4.93 5.02	11.01
22 11 16 00-0200 EA 1-1/4" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	23.26 -0.82 5.34 6.21	11.87
22 11 16 00-0201 EA 1-1/2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	24.30 -0.97 5.34 7.40	11.87
22 11 16 00-0202 EA 2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	31.60 -1.29 6.90 9.82	15.28
22 11 16 00-0203 EA 3/8" x 3" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	19.18 -0.59 4.58 4.46	10.15
22 11 16 00-0204 EA 1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	17.83 -0.38 4.58 2.92	10.15
22 11 16 00-0205 EA 3/4" x 3" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	18.29 -0.45 4.58 3.44	10.15
22 11 16 00-0206 EA 1" x 3" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	20.84 -0.66 4.93 5.02	11.01
22 11 16 00-0207 EA 1-1/4" x 3" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	23.26 -0.82 5.34 6.21	11.87
22 11 16 00-0208 EA 1-1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	24.30 -0.97 5.34 7.40	11.87

22 Plumbing
22 10 Plumbing Piping
22 11 Facility Water Distribution

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0209	EA		2" x 3" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	31.60 -1.29 6.90 9.82	15.28
22 11 16 00-0210	EA		2-1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	52.14 -3.55 8.55 26.95	19.03
22 11 16 00-0211	EA		3" x 3" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	65.52 -4.66 10.34 35.39	22.98
22 11 16 00-0212	EA		3/8" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	19.92 -0.70 4.58 5.30	10.15
22 11 16 00-0213	EA		1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	18.43 -0.47 4.58 3.60	10.15
22 11 16 00-0214	EA		3/4" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	19.18 -0.59 4.58 4.46	10.15
22 11 16 00-0215	EA		1" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	21.73 -0.79 4.93 6.03	11.01
22 11 16 00-0216	EA		1-1/4" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	24.30 -0.97 5.34 7.40	11.87
22 11 16 00-0217	EA		1-1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	26.01 -1.23 5.34 9.35	11.87
22 11 16 00-0218	EA		2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	33.44 -1.57 6.90 11.91	15.28
22 11 16 00-0219	EA		2-1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	55.94 -4.12 8.55 31.28	19.03
22 11 16 00-0220	EA		3" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	70.90 -5.46 10.34 41.52	22.98
22 11 16 00-0221	EA		3/8" x 4" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	19.92 -0.70 4.58 5.30	10.15
22 11 16 00-0222	EA		1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	18.43 -0.47 4.58 3.60	10.15
22 11 16 00-0223	EA		3/4" x 4" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	19.92 -0.70 4.58 5.30	10.15
22 11 16 00-0224	EA		1" x 4" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	21.73 -0.79 4.93 6.03	11.01
22 11 16 00-0225	EA		1-1/4" x 4" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	24.30 -0.97 5.34 7.40	11.87
22 11 16 00-0226	EA		1-1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	26.01 -1.23 5.34 9.35	11.87
22 11 16 00-0227	EA		2" x 4" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	33.53 -1.58 6.90 12.02	15.28
22 11 16 00-0228	EA		2-1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	55.94 -4.12 8.55 31.28	19.03
22 11 16 00-0229	EA		3" x 4" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	70.90 -5.46 10.34 41.52	22.98
22 11 16 00-0230	EA		4" x 4" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	88.88 -7.34 11.99 55.75	26.68

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0231 EA 3/8" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	21.67 -0.96 4.58 7.30	10.15
22 11 16 00-0232 EA 1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	19.07 -0.57 4.58 4.33	10.15
22 11 16 00-0233 EA 3/4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	19.94 -0.70 4.58 5.32	10.15
22 11 16 00-0234 EA 1" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	22.93 -0.97 4.93 7.40	11.01
22 11 16 00-0235 EA 1-1/4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	25.84 -1.20 5.34 9.15	11.87
22 11 16 00-0236 EA 1-1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	27.73 -1.49 5.34 11.31	11.87
22 11 16 00-0237 EA 2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	36.33 -2.00 6.90 15.21	15.28
22 11 16 00-0238 EA 2-1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	59.10 -4.59 8.55 34.88	19.03
22 11 16 00-0239 EA 3" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	76.93 -6.37 10.34 48.39	22.98
22 11 16 00-0240 EA 4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	94.81 -8.22 11.99 62.51	26.68
22 11 16 00-0241 EA 3/8" x 5" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	21.67 -0.96 4.58 7.30	10.15
22 11 16 00-0242 EA 1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	19.07 -0.57 4.58 4.33	10.15
22 11 16 00-0243 EA 3/4" x 5" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	19.94 -0.70 4.58 5.32	10.15
22 11 16 00-0244 EA 1" x 5" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	22.93 -0.97 4.93 7.40	11.01
22 11 16 00-0245 EA 1-1/4" x 5" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	25.84 -1.20 5.34 9.15	11.87
22 11 16 00-0246 EA 1-1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	27.73 -1.49 5.34 11.31	11.87
22 11 16 00-0247 EA 2" x 5" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	36.33 -2.00 6.90 15.21	15.28
22 11 16 00-0248 EA 2-1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	59.10 -4.59 8.55 34.88	19.03
22 11 16 00-0249 EA 3" x 5" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	76.93 -6.37 10.34 48.39	22.98
22 11 16 00-0250 EA 4" x 5" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	94.81 -8.22 11.99 62.51	26.68
22 11 16 00-0251 EA 3/8" x 6" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	22.39 -1.07 4.58 8.12	10.15
22 11 16 00-0252 EA 1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	19.58 -0.65 4.58 4.91	10.15

22 Plumbing
22 10 Plumbing Piping
22 11 Facility Water Distribution

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 11 16 00-0253	EA 3/4" x 6" Long, Schedule 40 Galvanized Steel Nipple..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	20.87 -0.84 4.58 6.38	10.15
22 11 16 00-0254	EA 1" x 6" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	23.80 -1.10 4.93 8.39	11.01
22 11 16 00-0255	EA 1-1/4" x 6" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	27.13 -1.40 5.34 10.62	11.87
22 11 16 00-0256	EA 1-1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	28.97 -1.67 5.34 12.72	11.87
22 11 16 00-0257	EA 2" x 6" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	38.49 -2.33 6.90 17.67	15.28
22 11 16 00-0258	EA 2-1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	62.12 -5.04 8.55 38.33	19.03
22 11 16 00-0259	EA 3" x 6" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	79.37 -6.73 10.34 51.17	22.98
22 11 16 00-0260	EA 4" x 6" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	100.59 -9.09 11.99 69.10	26.68
22 11 16 00-0261	EA 3/8" x 8" Long, Schedule 40 Galvanized Steel Nipple..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	43.71 -4.27 4.58 32.42	10.15
22 11 16 00-0262	EA 1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	22.87 -1.14 4.58 8.66	10.15
22 11 16 00-0263	EA 3/4" x 8" Long, Schedule 40 Galvanized Steel Nipple..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	24.99 -1.46 4.58 11.08	10.15
22 11 16 00-0264	EA 1" x 8" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	28.76 -1.85 4.93 14.04	11.01
22 11 16 00-0265	EA 1-1/4" x 8" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	32.91 -2.27 5.34 17.21	11.87
22 11 16 00-0266	EA 1-1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	35.13 -2.60 5.34 19.74	11.87
22 11 16 00-0267	EA 2" x 8" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	48.25 -3.79 6.90 28.80	15.28
22 11 16 00-0268	EA 2-1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	71.77 -6.49 8.55 49.33	19.03
22 11 16 00-0269	EA 3" x 8" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	94.96 -9.07 10.34 68.95	22.98
22 11 16 00-0270	EA 4" x 8" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	112.31 -10.85 11.99 82.46	26.68
22 11 16 00-0271	EA 3/8" x 10" Long, Schedule 40 Galvanized Steel Nipple..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	28.83 -2.03 4.58 15.46	10.15
22 11 16 00-0272	EA 1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	24.30 -1.35 4.58 10.29	10.15
22 11 16 00-0273	EA 3/4" x 10" Long, Schedule 40 Galvanized Steel Nipple..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	26.05 -1.62 4.58 12.29	10.15
22 11 16 00-0274	EA 1" x 10" Long, Schedule 40 Galvanized Steel Nipple..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	30.52 -2.11 4.93 16.05	11.01

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0275 EA 1-1/4" x 10" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	35.87 -2.71 5.34 20.59	11.87
22 11 16 00-0276 EA 1-1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	38.00 -3.03 5.34 23.02	11.87
22 11 16 00-0277 EA 2" x 10" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	52.54 -4.43 6.90 33.69	15.28
22 11 16 00-0278 EA 2-1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	77.82 -7.40 8.55 56.22	19.03
22 11 16 00-0279 EA 3" x 10" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	103.48 -10.35 10.34 78.66	22.98
22 11 16 00-0280 EA 4" x 10" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	123.81 -12.57 11.99 95.57	26.68
22 11 16 00-0281 EA 3/8" x 12" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	30.30 -2.25 4.58 17.13	10.15
22 11 16 00-0282 EA 1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	25.54 -1.54 4.58 11.71	10.15
22 11 16 00-0283 EA 3/4" x 12" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	27.37 -1.82 4.58 13.79	10.15
22 11 16 00-0284 EA 1" x 12" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	32.83 -2.46 4.93 18.68	11.01
22 11 16 00-0285 EA 1-1/4" x 12" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	39.49 -3.25 5.34 24.72	11.87
22 11 16 00-0286 EA 1-1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	40.91 -3.47 5.34 26.33	11.87
22 11 16 00-0287 EA 2" x 12" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	56.90 -5.09 6.90 38.66	15.28
22 11 16 00-0288 EA 2-1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	83.69 -8.28 8.55 62.92	19.03
22 11 16 00-0289 EA 3" x 12" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	112.06 -11.64 10.34 88.44	22.98
22 11 16 00-0290 EA 4" x 12" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	135.41 -14.31 11.99 108.79	26.68
22 11 16 00-0291 Galvanized Malleable Iron Square Head Plugs (22 11 16 00-0013)		
22 11 16 00-0292 EA 1/2", 150 LB, Galvanized Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	18.27 3.42 24.04	7.59
22 11 16 00-0293 EA 3/4", 150 LB, Galvanized Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	19.63 3.83 24.12	8.55
22 11 16 00-0294 EA 1", 150 LB, Galvanized Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	21.78 4.27 26.49	9.51
22 11 16 00-0295 EA 1-1/4", 150 LB, Galvanized Malleable Iron Square Head Plug <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	27.72 4.84 40.37	10.80
22 11 16 00-0296 EA 1-1/2", 150 LB, Galvanized Malleable Iron Square Head Plug <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	33.80 5.46 54.17	12.08
22 11 16 00-0297 EA 2", 150 LB, Galvanized Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	42.96 6.93 68.88	15.39
22 11 16 00-0298 EA 2-1/2", 150 LB, Galvanized Malleable Iron Square Head Plug <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	72.92 10.26 133.70	22.77

22 Plumbing
22 10 Plumbing Piping
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MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 11 16 00-0299	EA 3", 150 LB, Galvanized Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	99.95 13.50 189.50	30.04
22 11 16 00-0300	EA 4", 150 LB, Galvanized Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	160.70 13.99 390.60	31.08
22 11 16 00-0301	EA 5", 150 LB, Galvanized Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	257.94 14.60 714.44	32.48
22 11 16 00-0302	EA 6", 150 LB, Galvanized Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	277.11 15.26 772.23	33.87
22 11 16 00-0303	Galvanized Malleable Iron Bushing <small>(22 11 16 00-0013)</small>		
22 11 16 00-0304	EA 3/4" x 1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	45.62 9.06	20.10
22 11 16 00-0305	EA 1" x 1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	50.50 9.62	21.38
22 11 16 00-0306	EA 1" x 3/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	51.24 10.13	22.55
22 11 16 00-0307	EA 1-1/4" x 1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	60.24 10.33	22.98
22 11 16 00-0308	EA 1-1/4" x 3/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	59.59 10.83	24.05
22 11 16 00-0309	EA 1-1/4" x 1", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	61.46 11.39	25.33
22 11 16 00-0310	EA 1-1/2" x 1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	71.11 11.10	24.69
22 11 16 00-0311	EA 1-1/2" x 3/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	72.81 11.61	25.76
22 11 16 00-0312	EA 1-1/2" x 1", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	71.33 12.17	27.04
22 11 16 00-0313	EA 1-1/2" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	71.29 12.87	28.65
22 11 16 00-0314	EA 2" x 1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	85.76 12.94	28.75
22 11 16 00-0315	EA 2" x 3/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	84.50 13.45	29.93
22 11 16 00-0316	EA 2" x 1", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	84.19 14.01	31.11
22 11 16 00-0317	EA 2" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	86.54 14.72	32.71
22 11 16 00-0318	EA 2" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	84.51 15.49	34.42
22 11 16 00-0319	EA 2-1/2" x 3/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	120.38 17.61	39.12
22 11 16 00-0320	EA 2-1/2" x 1", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	122.24 18.17	40.41
22 11 16 00-0321	EA 2-1/2" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	124.59 18.88	41.90
22 11 16 00-0322	EA 2-1/2" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	126.03 19.65	43.72
22 11 16 00-0323	EA 2-1/2" x 2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	125.27 21.49	47.78
22 11 16 00-0324	EA 3" x 3/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	153.62 21.66	48.10
22 11 16 00-0325	EA 3" x 1", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	155.48 22.22	49.38
22 11 16 00-0326	EA 3" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	157.84 22.93	50.98
22 11 16 00-0327	EA 3" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	158.81 23.70	52.69
22 11 16 00-0328	EA 3" x 2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	157.50 25.54	56.75
22 11 16 00-0329	EA 3" x 2-1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	175.57 29.70	66.05
22 11 16 00-0330	EA 4" x 3/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	243.83 21.97	48.77
22 11 16 00-0331	EA 4" x 1", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	245.56 22.49	49.97
22 11 16 00-0332	EA 4" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	247.76 23.15	51.47
22 11 16 00-0333	EA 4" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	250.17 23.87	53.07
22 11 16 00-0334	EA 4" x 2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	235.83 25.59	56.87
22 11 16 00-0335	EA 4" x 2-1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	268.88 29.48	65.56
22 11 16 00-0336	EA 4" x 3", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	270.23 33.27	73.95
22 11 16 00-0337	Galvanized Malleable Iron Floor Flange <small>(22 11 16 00-0013)</small>		
Note: Excludes fasteners to floor or wall. See CSI section 05 05 19 00-0013 for anchors.			
22 11 16 00-0338	EA 1/2", 150 LB, Galvanized Malleable Iron Floor Flange.....	65.37	39.06
22 11 16 00-0339	EA 3/4", 150 LB, Galvanized Malleable Iron Floor Flange.....	71.46	42.75
22 11 16 00-0340	EA 1", 150 LB, Galvanized Malleable Iron Floor Flange.....	81.99	48.31

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0341	EA		1-1/4", 150 LB, Galvanized Malleable Iron Floor Flange.....	85.18	50.03
22 11 16 00-0342	EA		1-1/2", 150 LB, Galvanized Malleable Iron Floor Flange.....	92.71	54.41
22 11 16 00-0343	EA		2", 150 LB, Galvanized Malleable Iron Floor Flange.....	99.64	56.75
22 11 16 00-0344			Galvanized Cast Iron Flanges <small>(22 11 16 00-0013)</small>		
			Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.		
22 11 16 00-0345	EA		3/4", 125 LB, Galvanized Cast Iron Flange.....	121.31	42.75
			<i>For Work In Restricted Working Space, Add</i>	19.24	
22 11 16 00-0346	EA		1", 125 LB, Galvanized Cast Iron Flange.....	116.74	48.31
			<i>For Work In Restricted Working Space, Add</i>	21.74	
22 11 16 00-0347	EA		1-1/4", 125 LB, Galvanized Cast Iron Flange.....	98.40	50.03
			<i>For Work In Restricted Working Space, Add</i>	22.50	
22 11 16 00-0348	EA		1-1/2", 125 LB, Galvanized Cast Iron Flange.....	116.15	54.41
			<i>For Work In Restricted Working Space, Add</i>	24.48	
22 11 16 00-0349	EA		2", 125 LB, Galvanized Cast Iron Flange.....	130.88	56.75
			<i>For Work In Restricted Working Space, Add</i>	25.55	
22 11 16 00-0350	EA		2-1/2", 125 LB, Galvanized Cast Iron Flange.....	152.00	65.73
			<i>For Work In Restricted Working Space, Add</i>	29.55	
22 11 16 00-0351	EA		3", 125 LB, Galvanized Cast Iron Flange.....	269.45	83.37
			<i>For Work In Restricted Working Space, Add</i>	37.49	
22 11 16 00-0352	EA		4", 125 LB, Galvanized Cast Iron Flange.....	356.63	106.64
			<i>For Work In Restricted Working Space, Add</i>	47.96	
22 11 16 00-0353	EA		5", 125 LB, Galvanized Cast Iron Flange.....	499.22	126.93
			<i>For Work In Restricted Working Space, Add</i>	57.09	
22 11 16 00-0354	EA		6", 125 LB, Galvanized Cast Iron Flange.....	548.81	145.82
			<i>For Work In Restricted Working Space, Add</i>	65.59	
22 11 16 00-0355	EA		8", 125 LB, Galvanized Cast Iron Flange.....	508.00	166.65
			<i>For Work In Restricted Working Space, Add</i>	74.96	
22 11 16 00-0356			Cut And Thread Existing In-Place Galvanized Steel Pipe <small>(22 11 16 00-0013)</small>		
			Note: For use when connecting pipe to an existing in-place system.		
22 11 16 00-0357	EA		1/2", Cut And Thread Existing In Place Galvanized Steel Pipe.....	34.82	
			<i>For Work In Restricted Working Space, Add</i>	10.45	
22 11 16 00-0358	EA		3/4", Cut And Thread Existing In Place Galvanized Steel Pipe.....	38.30	
			<i>For Work In Restricted Working Space, Add</i>	11.49	
22 11 16 00-0359	EA		1", Cut And Thread Existing In Place Galvanized Steel Pipe.....	41.79	
			<i>For Work In Restricted Working Space, Add</i>	12.54	
22 11 16 00-0360	EA		1-1/4", Cut And Thread Existing In Place Galvanized Steel Pipe.....	45.27	
			<i>For Work In Restricted Working Space, Add</i>	13.58	
22 11 16 00-0361	EA		1-1/2", Cut And Thread Existing In Place Galvanized Steel Pipe.....	47.58	
			<i>For Work In Restricted Working Space, Add</i>	14.27	
22 11 16 00-0362	EA		2", Cut And Thread Existing In Place Galvanized Steel Pipe.....	49.91	
			<i>For Work In Restricted Working Space, Add</i>	14.97	
22 11 16 00-0363	EA		2-1/2", Cut And Thread Existing In Place Galvanized Steel Pipe.....	52.24	
			<i>For Work In Restricted Working Space, Add</i>	15.67	
22 11 16 00-0364	EA		3", Cut And Thread Existing In Place Galvanized Steel Pipe.....	54.55	
			<i>For Work In Restricted Working Space, Add</i>	16.37	
22 11 16 00-0365	EA		4", Cut And Thread Existing In Place Galvanized Steel Pipe.....	56.88	
			<i>For Work In Restricted Working Space, Add</i>	17.06	
22 11 16 00-0366	EA		6", Cut And Thread Existing In Place Galvanized Steel Pipe.....	61.52	
			<i>For Work In Restricted Working Space, Add</i>	18.46	
22 11 16 00-0367	EA		8", Cut And Thread Existing In Place Galvanized Steel Pipe.....	66.16	
			<i>For Work In Restricted Working Space, Add</i>	19.85	
22 11 16 00-0368			Copper Pipe And Fittings <small>(22 11 16)</small>		
			Note: Excludes hangers. See CSI section 22 11 16 00-0899 for pipe with fittings assembly.		
22 11 16 00-0369			Copper Tube/Pipe <small>(22 11 16 00-0368)</small>		
			Note: Pipe based on inside diameter size. Excludes hangers and fittings (couplers, tees, elbows, etc).		
22 11 16 00-0370			Hard Drawn Type L Copper Tube/Pipe <small>(22 11 16 00-0369)</small>		
22 11 16 00-0371	LF		1/4" Hard Drawn Type L Copper Tube/Pipe.....	5.07	2.61
			<i>For Up To 20, Add</i>	0.54	
			<i>For >150, Deduct</i>	-0.12	
			<i>For Work In Restricted Working Space, Add</i>	1.17	
			<i>For Medical/Oxygen Service Tubing, Add</i>	0.09	
22 11 16 00-0372	LF		3/8" Hard Drawn Type L Copper Tube/Pipe.....	5.78	2.72
			<i>For Up To 20, Add</i>	0.62	
			<i>For >150, Deduct</i>	-0.17	
			<i>For Work In Restricted Working Space, Add</i>	1.22	
			<i>For Medical/Oxygen Service Tubing, Add</i>	0.14	
22 11 16 00-0373	LF		1/2" Hard Drawn Type L Copper Tube/Pipe.....	6.28	2.83
			<i>For Up To 20, Add</i>	0.68	
			<i>For >150, Deduct</i>	-0.20	
			<i>For Work In Restricted Working Space, Add</i>	1.28	
			<i>For Medical/Oxygen Service Tubing, Add</i>	0.16	
22 11 16 00-0374	LF		3/4" Hard Drawn Type L Copper Tube/Pipe.....	7.80	3.01
			<i>For Up To 20, Add</i>	0.86	
			<i>For >150, Deduct</i>	-0.33	
			<i>For Work In Restricted Working Space, Add</i>	1.35	
			<i>For Medical/Oxygen Service Tubing, Add</i>	0.26	
22 11 16 00-0375	LF		1" Hard Drawn Type L Copper Tube/Pipe.....	9.83	3.37
			<i>For Up To 20, Add</i>	1.10	
			<i>For >150, Deduct</i>	-0.48	
			<i>For Work In Restricted Working Space, Add</i>	1.52	
			<i>For Medical/Oxygen Service Tubing, Add</i>	0.38	

22 Plumbing**22 10 Plumbing Piping****22 11 Facility Water Distribution**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

22 11 16 00-0376	LF	1-1/4"	Hard Drawn Type L Copper Tube/Pipe	14.10	5.02
			<i>For Up To 20, Add</i>	1.57	
			<i>For >150, Deduct</i>	-0.66	
			<i>For Work In Restricted Working Space, Add</i>	2.26	
			<i>For Medical/Oxygen Service Tubing, Add</i>	0.53	
22 11 16 00-0377	LF	1-1/2"	Hard Drawn Type L Copper Tube/Pipe	16.85	5.61
			<i>For Up To 20, Add</i>	1.90	
			<i>For >150, Deduct</i>	-0.85	
			<i>For Work In Restricted Working Space, Add</i>	2.52	
			<i>For Medical/Oxygen Service Tubing, Add</i>	0.68	
22 11 16 00-0378	LF	2"	Hard Drawn Type L Copper Tube/Pipe	23.73	6.92
			<i>For Up To 20, Add</i>	2.71	
			<i>For >150, Deduct</i>	-1.34	
			<i>For Work In Restricted Working Space, Add</i>	3.11	
			<i>For Medical/Oxygen Service Tubing, Add</i>	1.07	
22 11 16 00-0379	LF	2-1/2"	Hard Drawn Type L Copper Tube/Pipe	43.75	8.13
			<i>For Up To 20, Add</i>	4.86	
			<i>For >150, Deduct</i>	-1.93	
			<i>For Work In Restricted Working Space, Add</i>	7.33	
			<i>For Medical/Oxygen Service Tubing, Add</i>	1.54	
22 11 16 00-0380	LF	3"	Hard Drawn Type L Copper Tube/Pipe	54.50	9.59
			<i>For Up To 20, Add</i>	6.09	
			<i>For >150, Deduct</i>	-2.58	
			<i>For Work In Restricted Working Space, Add</i>	8.62	
			<i>For Medical/Oxygen Service Tubing, Add</i>	2.06	
22 11 16 00-0381	LF	4"	Hard Drawn Type L Copper Tube/Pipe	78.34	10.82
			<i>For Up To 20, Add</i>	8.98	
			<i>For >150, Deduct</i>	-4.59	
			<i>For Work In Restricted Working Space, Add</i>	9.73	
			<i>For Medical/Oxygen Service Tubing, Add</i>	3.67	
22 11 16 00-0382	LF	5"	Hard Drawn Type L Copper Tube/Pipe	118.33	12.42
			<i>For Up To 20, Add</i>	13.86	
			<i>For >150, Deduct</i>	-8.11	
			<i>For Work In Restricted Working Space, Add</i>	11.18	
			<i>For Medical/Oxygen Service Tubing, Add</i>	6.49	
22 11 16 00-0383	LF	6"	Hard Drawn Type L Copper Tube/Pipe	164.40	19.25
			<i>For Up To 20, Add</i>	19.11	
			<i>For >150, Deduct</i>	-10.67	
			<i>For Work In Restricted Working Space, Add</i>	17.32	
			<i>For Medical/Oxygen Service Tubing, Add</i>	8.53	
22 11 16 00-0384	LF	8"	Hard Drawn Type L Copper Tube/Pipe	265.22	21.40
			<i>For Up To 20, Add</i>	31.55	
			<i>For >150, Deduct</i>	-20.11	
			<i>For Work In Restricted Working Space, Add</i>	19.25	
			<i>For Medical/Oxygen Service Tubing, Add</i>	16.08	
22 11 16 00-0385			Hard Drawn Type K Copper Tube/Pipe <small>(22 11 16 00-0369)</small>		
22 11 16 00-0386	LF	1/4"	Hard Drawn Type K Copper Tube/Pipe	5.52	2.81
			<i>For Up To 20, Add</i>	0.58	
			<i>For >150, Deduct</i>	-0.13	
			<i>For Work In Restricted Working Space, Add</i>	1.26	
			<i>For Medical/Oxygen Service Tubing, Add</i>	0.10	
22 11 16 00-0387	LF	3/8"	Hard Drawn Type K Copper Tube/Pipe	7.16	2.93
			<i>For Up To 20, Add</i>	0.77	
			<i>For >150, Deduct</i>	-0.24	
			<i>For Work In Restricted Working Space, Add</i>	1.44	
			<i>For Medical/Oxygen Service Tubing, Add</i>	0.19	
22 11 16 00-0388	LF	1/2"	Hard Drawn Type K Copper Tube/Pipe	7.45	3.04
			<i>For Up To 20, Add</i>	0.81	
			<i>For >150, Deduct</i>	-0.28	
			<i>For Work In Restricted Working Space, Add</i>	1.41	
			<i>For Medical/Oxygen Service Tubing, Add</i>	0.22	
22 11 16 00-0389	LF	3/4"	Hard Drawn Type K Copper Tube/Pipe	10.40	3.22
			<i>For Up To 20, Add</i>	1.16	
			<i>For >150, Deduct</i>	-0.50	
			<i>For Work In Restricted Working Space, Add</i>	1.63	
			<i>For Medical/Oxygen Service Tubing, Add</i>	0.40	
22 11 16 00-0390	LF	1"	Hard Drawn Type K Copper Tube/Pipe	12.38	3.63
			<i>For Up To 20, Add</i>	1.40	
			<i>For >150, Deduct</i>	-0.66	
			<i>For Work In Restricted Working Space, Add</i>	1.73	
			<i>For Medical/Oxygen Service Tubing, Add</i>	0.53	
22 11 16 00-0391	LF	1-1/4"	Hard Drawn Type K Copper Tube/Pipe	16.42	5.40
			<i>For Up To 20, Add</i>	1.85	
			<i>For >150, Deduct</i>	-0.82	
			<i>For Work In Restricted Working Space, Add</i>	2.46	
			<i>For Medical/Oxygen Service Tubing, Add</i>	0.66	
22 11 16 00-0392	LF	1-1/2"	Hard Drawn Type K Copper Tube/Pipe	19.74	6.02
			<i>For Up To 20, Add</i>	2.24	
			<i>For >150, Deduct</i>	-1.05	
			<i>For Work In Restricted Working Space, Add</i>	2.76	
			<i>For Medical/Oxygen Service Tubing, Add</i>	0.84	
22 11 16 00-0393	LF	2"	Hard Drawn Type K Copper Tube/Pipe	27.47	7.44
			<i>For Up To 20, Add</i>	3.15	
			<i>For >150, Deduct</i>	-1.62	
			<i>For Work In Restricted Working Space, Add</i>	3.39	
			<i>For Medical/Oxygen Service Tubing, Add</i>	1.29	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 11 16 00-0394	LF		2-1/2" Hard Drawn Type K Copper Tube/Pipe.....	48.66	8.74
			For Up To 20, Add	5.47	
			For >150, Deduct	-2.41	
			For Work In Restricted Working Space, Add	7.36	
			For Medical/Oxygen Service Tubing, Add	1.93	
22 11 16 00-0395	LF		3" Hard Drawn Type K Copper Tube/Pipe.....	64.59	10.31
			For Up To 20, Add	7.28	
			For >150, Deduct	-3.30	
			For Work In Restricted Working Space, Add	9.49	
			For Medical/Oxygen Service Tubing, Add	2.64	
22 11 16 00-0396	LF		4" Hard Drawn Type K Copper Tube/Pipe.....	94.59	11.62
			For Up To 20, Add	10.93	
			For >150, Deduct	-5.88	
			For Work In Restricted Working Space, Add	10.75	
			For Medical/Oxygen Service Tubing, Add	4.70	
22 11 16 00-0397	LF		5" Hard Drawn Type K Copper Tube/Pipe.....	149.97	13.35
			For Up To 20, Add	17.69	
			For >150, Deduct	-10.77	
			For Work In Restricted Working Space, Add	12.69	
			For Medical/Oxygen Service Tubing, Add	8.61	
22 11 16 00-0398	LF		6" Hard Drawn Type K Copper Tube/Pipe.....	222.69	20.69
			For Up To 20, Add	26.13	
			For >150, Deduct	-15.45	
			For Work In Restricted Working Space, Add	20.46	
			For Medical/Oxygen Service Tubing, Add	12.36	
22 11 16 00-0399	LF		8" Hard Drawn Type K Copper Tube/Pipe.....	364.44	23.00
			For Up To 20, Add	43.68	
			For >150, Deduct	-28.93	
			For Work In Restricted Working Space, Add	22.54	
			For Medical/Oxygen Service Tubing, Add	23.14	
22 11 16 00-0400			Hard Drawn Type M Copper Tube/Pipe (22 11 16 00-0399)		
22 11 16 00-0401	LF		3/8" Hard Drawn Type M Copper Tube/Pipe.....	4.85	2.45
			For Up To 20, Add	0.52	
			For >150, Deduct	-0.13	
			For Work In Restricted Working Space, Add	1.06	
22 11 16 00-0402	LF		1/2" Hard Drawn Type M Copper Tube/Pipe.....	5.13	2.56
			For Up To 20, Add	0.55	
			For >150, Deduct	-0.15	
			For Work In Restricted Working Space, Add	1.09	
22 11 16 00-0403	LF		3/4" Hard Drawn Type M Copper Tube/Pipe.....	6.29	2.71
			For Up To 20, Add	0.69	
			For >150, Deduct	-0.24	
			For Work In Restricted Working Space, Add	1.16	
22 11 16 00-0404	LF		1" Hard Drawn Type M Copper Tube/Pipe.....	8.05	3.04
			For Up To 20, Add	0.90	
			For >150, Deduct	-0.37	
			For Work In Restricted Working Space, Add	1.30	
22 11 16 00-0405	LF		1-1/4" Hard Drawn Type M Copper Tube/Pipe.....	12.09	4.53
			For Up To 20, Add	1.34	
			For >150, Deduct	-0.54	
			For Work In Restricted Working Space, Add	2.00	
22 11 16 00-0406	LF		1-1/2" Hard Drawn Type M Copper Tube/Pipe.....	15.13	5.04
			For Up To 20, Add	1.70	
			For >150, Deduct	-0.75	
			For Work In Restricted Working Space, Add	2.30	
22 11 16 00-0407	LF		2" Hard Drawn Type M Copper Tube/Pipe.....	21.26	6.22
			For Up To 20, Add	2.42	
			For >150, Deduct	-1.18	
			For Work In Restricted Working Space, Add	2.85	
22 11 16 00-0408	LF		2-1/2" Hard Drawn Type M Copper Tube/Pipe.....	40.15	7.32
			For Up To 20, Add	4.44	
			For >150, Deduct	-1.71	
			For Work In Restricted Working Space, Add	6.93	
22 11 16 00-0409	LF		3" Hard Drawn Type M Copper Tube/Pipe.....	48.62	8.62
			For Up To 20, Add	5.43	
			For >150, Deduct	-2.27	
			For Work In Restricted Working Space, Add	7.78	
22 11 16 00-0410	LF		4" Hard Drawn Type M Copper Tube/Pipe.....	72.76	9.74
			For Up To 20, Add	8.34	
			For >150, Deduct	-4.25	
			For Work In Restricted Working Space, Add	9.08	
22 11 16 00-0411	LF		5" Hard Drawn Type M Copper Tube/Pipe.....	117.43	11.18
			For Up To 20, Add	13.81	
			For >150, Deduct	-8.25	
			For Work In Restricted Working Space, Add	10.48	
22 11 16 00-0412	LF		6" Hard Drawn Type M Copper Tube/Pipe.....	164.32	17.33
			For Up To 20, Add	19.19	
			For >150, Deduct	-11.02	
			For Work In Restricted Working Space, Add	16.23	
22 11 16 00-0413	LF		8" Hard Drawn Type M Copper Tube/Pipe.....	268.37	19.26
			For Up To 20, Add	32.06	
			For >150, Deduct	-20.89	
			For Work In Restricted Working Space, Add	17.85	

22 11 16 00-0414 Soft Drawn Type L Copper Tube (22 11 16 00-0399)

22 Plumbing
22 10 Plumbing Piping
22 11 Facility Water Distribution



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 11 16 00-0415	LF 1/4" Soft Drawn Type L Copper Tube <i>For Up To 20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	5.41 0.58 -0.15 1.17	2.61
22 11 16 00-0416	LF 3/8" Soft Drawn Type L Copper Tube <i>For Up To 20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	6.41 0.70 -0.23 1.22	2.72
22 11 16 00-0417	LF 1/2" Soft Drawn Type L Copper Tube <i>For Up To 20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	7.37 0.82 -0.31 1.28	2.83
22 11 16 00-0418	LF 5/8" Soft Drawn Type L Copper Tube <i>For Up To 20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	8.39 0.94 -0.40 1.31	2.93
22 11 16 00-0419	LF 3/4" Soft Drawn Type L Copper Tube <i>For Up To 20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	9.29 1.05 -0.48 1.35	3.01
22 11 16 00-0420	LF 1" Soft Drawn Type L Copper Tube <i>For Up To 20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	11.69 1.33 -0.66 1.52	3.37
22 11 16 00-0421	LF 1-1/4" Soft Drawn Type L Copper Tube <i>For Up To 20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	16.25 1.84 -0.87 2.26	5.02
22 11 16 00-0422	LF 1-1/2" Soft Drawn Type L Copper Tube <i>For Up To 20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	20.22 2.32 -1.18 2.52	5.61
22 11 16 00-0423	LF 2" Soft Drawn Type L Copper Tube <i>For Up To 20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	29.16 3.39 -1.88 3.11	6.92
22 11 16 00-0424	Soft Drawn Type K Copper Tube <small>(22 11 16 00-0369)</small>		
22 11 16 00-0425	LF 1/4" Soft Drawn Type K Copper Tube <i>For Up To 20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	5.56 0.60 -0.17 1.17	2.61
22 11 16 00-0426	LF 3/8" Soft Drawn Type K Copper Tube <i>For Up To 20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	6.90 0.76 -0.28 1.22	2.72
22 11 16 00-0427	LF 1/2" Soft Drawn Type K Copper Tube <i>For Up To 20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	7.78 0.87 -0.35 1.28	2.83
22 11 16 00-0428	LF 5/8" Soft Drawn Type K Copper Tube <i>For Up To 20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	8.59 0.96 -0.42 1.31	2.93
22 11 16 00-0429	LF 3/4" Soft Drawn Type K Copper Tube <i>For Up To 20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	11.04 1.27 -0.65 1.35	3.01
22 11 16 00-0430	LF 1" Soft Drawn Type K Copper Tube <i>For Up To 20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	13.72 1.59 -0.87 1.52	3.37
22 11 16 00-0431	LF 1-1/4" Soft Drawn Type K Copper Tube <i>For Up To 20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	17.74 2.03 -1.02 2.26	5.02
22 11 16 00-0432	LF 1-1/2" Soft Drawn Type K Copper Tube <i>For Up To 20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	22.59 2.61 -1.42 2.52	5.61
22 11 16 00-0433	LF 2" Soft Drawn Type K Copper Tube <i>For Up To 20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	32.42 3.79 -2.21 3.11	6.92
22 11 16 00-0434	LF 2-1/2" Soft Drawn Type K Copper Tube <i>For Up To 20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	45.51 5.38 -3.31 3.73	8.30
22 11 16 00-0435	LF 3" Soft Drawn Type K Copper Tube <i>For Up To 20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	60.70 7.22 -4.60 4.40	9.79
22 11 16 00-0436	Copper And Brass Fittings <small>(22 11 16 00-0368)</small> Note: All fittings are based on 95/5 solder.		
22 11 16 00-0437	90 Degree Copper Elbows <small>(22 11 16 00-0436)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0438	EA		1/4" 90 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Street Fitting, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	27.00 -2.51 3.48 1.51 6.97 3.67	15.49
22 11 16 00-0439	EA		3/8" 90 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Street Fitting, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	31.86 -2.99 4.18 1.60 8.36 4.38	18.57
22 11 16 00-0440	EA		1/2" 90 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Street Fitting, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	39.60 -3.90 5.75 0.52 11.49 5.81	25.53
22 11 16 00-0441	EA		3/4" 90 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Street Fitting, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	50.50 -4.90 7.14 1.17 14.27 7.28	31.81
22 11 16 00-0442	EA		1" 90 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Street Fitting, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	64.01 -6.04 8.53 2.85 17.06 8.89	37.96
22 11 16 00-0443	EA		1-1/4" 90 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Street Fitting, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	72.18 -6.69 9.23 4.26 18.46 9.76	41.09
22 11 16 00-0444	EA		1-1/2" 90 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Street Fitting, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	83.99 -7.57 10.10 6.67 20.20 10.93	44.92
22 11 16 00-0445	EA		2" 90 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Street Fitting, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	105.82 -9.06 11.32 12.15 22.63 12.84	50.37
22 11 16 00-0446	EA		2-1/2" 90 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	132.06 -10.45 11.54 23.09 14.30	51.30
22 11 16 00-0447	EA		3" 90 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	169.62 -13.08 13.79 27.58 17.67	61.35
22 11 16 00-0448	EA		4" 90 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	318.93 -22.47 19.56 39.12 28.99	87.01
22 11 16 00-0449	EA		5" 90 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	968.32 -57.34 26.78 53.55 66.27	119.07
22 11 16 00-0450	EA		6" 90 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	1,312.63 -78.62 38.96 77.92 91.61	173.27
22 11 16 00-0451	EA		8" 90 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	4,241.47 -229.39 51.95 103.89 246.70	230.98
22 11 16 00-0452			90 Degree Brass Elbows (22 11 16 00-0436)		
22 11 16 00-0453	EA		1/2" Drop Ear 90 Degree Brass Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	46.44 -4.24 5.75 11.49 6.15	25.53
22 11 16 00-0454	EA		3/4" Drop Ear 90 Degree Brass Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	71.30 -5.94 7.14 14.27 8.32	31.81

22 Plumbing

22 10 Plumbing Piping

22 11 Facility Water Distribution

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 11 16 00-0455	EA 1/2" Flanged Sink 90 Degree Brass Elbow	53.13	25.53
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.57	
	For Brazed Fittings Instead Of 95/5 Solder, Add	5.75	
	For Work In Restricted Working Space, Add	11.49	
	For Silver Solder Instead Of 95/5 Solder, Add	6.49	
22 11 16 00-0456	EA 3/8" Drop Ear 90 Degree Brass Elbow, Solder X Threaded.....	40.03	18.57
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.39	
	For Brazed Fittings Instead Of 95/5 Solder, Add	4.18	
	For Work In Restricted Working Space, Add	8.36	
	For Silver Solder Instead Of 95/5 Solder, Add	4.79	
22 11 16 00-0457	EA 1/2" Drop Ear 90 Degree Brass Elbow, Solder X Threaded.....	47.01	25.53
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.27	
	For Brazed Fittings Instead Of 95/5 Solder, Add	5.75	
	For Work In Restricted Working Space, Add	11.49	
	For Silver Solder Instead Of 95/5 Solder, Add	6.18	
22 11 16 00-0458	EA 3/4" Drop Ear 90 Degree Brass Elbow, Solder X Threaded.....	62.92	31.81
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.53	
	For Brazed Fittings Instead Of 95/5 Solder, Add	7.14	
	For Work In Restricted Working Space, Add	14.27	
	For Silver Solder Instead Of 95/5 Solder, Add	7.90	
22 11 16 00-0459	EA 1" Drop Ear 90 Degree Brass Elbow, Solder X Threaded.....	105.84	37.96
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-8.14	
	For Brazed Fittings Instead Of 95/5 Solder, Add	8.53	
	For Work In Restricted Working Space, Add	17.06	
	For Silver Solder Instead Of 95/5 Solder, Add	10.98	
22 11 16 00-0460 Reducing 90 Degree Copper Elbows (22 11 16 00-0436)			
22 11 16 00-0461	EA 1/2" Reducing 90 Degree Copper Elbow	48.81	25.53
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.36	
	For Brazed Fittings Instead Of 95/5 Solder, Add	5.75	
	For Work In Restricted Working Space, Add	11.49	
	For Silver Solder Instead Of 95/5 Solder, Add	6.27	
22 11 16 00-0462	EA 3/4" Reducing 90 Degree Copper Elbow	55.03	31.81
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.13	
	For Brazed Fittings Instead Of 95/5 Solder, Add	7.14	
	For Work In Restricted Working Space, Add	14.27	
	For Silver Solder Instead Of 95/5 Solder, Add	7.51	
22 11 16 00-0463	EA 1" Reducing 90 Degree Copper Elbow	70.56	37.96
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.37	
	For Brazed Fittings Instead Of 95/5 Solder, Add	8.53	
	For Work In Restricted Working Space, Add	17.06	
	For Silver Solder Instead Of 95/5 Solder, Add	9.22	
22 11 16 00-0464	EA 1-1/4" Reducing 90 Degree Copper Elbow	96.37	41.09
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-7.89	
	For Brazed Fittings Instead Of 95/5 Solder, Add	9.23	
	For Work In Restricted Working Space, Add	18.46	
	For Silver Solder Instead Of 95/5 Solder, Add	10.97	
22 11 16 00-0465	EA 1-1/2" Reducing 90 Degree Copper Elbow	113.11	44.92
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-9.02	
	For Brazed Fittings Instead Of 95/5 Solder, Add	10.10	
	For Work In Restricted Working Space, Add	20.20	
	For Silver Solder Instead Of 95/5 Solder, Add	12.39	
22 11 16 00-0466	EA 2" Reducing 90 Degree Copper Elbow	137.07	50.37
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-10.63	
	For Brazed Fittings Instead Of 95/5 Solder, Add	11.32	
	For Work In Restricted Working Space, Add	22.63	
	For Silver Solder Instead Of 95/5 Solder, Add	14.40	
22 11 16 00-0467 45 Degree Copper Elbows (22 11 16 00-0436)			
22 11 16 00-0468	EA 1/4" 45 Degree Copper Elbow	30.28	15.49
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.68	
	For Brazed Fittings Instead Of 95/5 Solder, Add	3.48	
	For Street Fitting, Add	2.82	
	For Work In Restricted Working Space, Add	6.97	
	For Silver Solder Instead Of 95/5 Solder, Add	3.84	
22 11 16 00-0469	EA 3/8" 45 Degree Copper Elbow	33.91	18.57
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.09	
	For Brazed Fittings Instead Of 95/5 Solder, Add	4.18	
	For Street Fitting, Add	2.42	
	For Work In Restricted Working Space, Add	8.36	
	For Silver Solder Instead Of 95/5 Solder, Add	4.48	
22 11 16 00-0470	EA 1/2" 45 Degree Copper Elbow	40.68	25.53
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.95	
	For Brazed Fittings Instead Of 95/5 Solder, Add	5.75	
	For Street Fitting, Add	0.95	
	For Work In Restricted Working Space, Add	11.49	
	For Silver Solder Instead Of 95/5 Solder, Add	5.86	
22 11 16 00-0471	EA 3/4" 45 Degree Copper Elbow	51.65	31.81
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.96	
	For Brazed Fittings Instead Of 95/5 Solder, Add	7.14	
	For Street Fitting, Add	1.63	
	For Work In Restricted Working Space, Add	14.27	
	For Silver Solder Instead Of 95/5 Solder, Add	7.34	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST	
22 11 16 00-0472	EA		1" 45 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Street Fitting, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	67.03 -6.20 8.53 4.06 17.06 9.04	37.96	
22 11 16 00-0473	EA		1-1/4" 45 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Street Fitting, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	75.27 -6.84 9.23 5.50 18.46 9.92	41.09	
22 11 16 00-0474	EA		1-1/2" 45 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Street Fitting, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	84.20 -7.58 10.10 6.75 20.20 10.94	44.92	
22 11 16 00-0475	EA		2" 45 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	103.59 -8.95 11.32 22.63 12.72	50.37	
22 11 16 00-0476	EA		2-1/2" 45 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	131.39 -10.42 11.54 23.09 14.27	51.30	
22 11 16 00-0477	EA		3" 45 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	172.69 -13.23 13.79 27.58 17.83	61.35	
22 11 16 00-0478	EA		4" 45 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	302.62 -21.65 19.56 39.12 28.17	87.01	
22 11 16 00-0479	EA		5" 45 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	845.47 -51.20 26.78 53.55 60.12	119.07	
22 11 16 00-0480	EA		6" 45 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	1,310.84 -78.53 38.96 77.92 91.52	173.27	
22 11 16 00-0481	EA		8" 45 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	3,917.88 -213.21 51.95 103.89 230.53	230.98	
22 11 16 00-0482	Straight Copper And Brass Tees (22 11 16 00-0436)					
22 11 16 00-0483	EA		1/4" Straight Copper Tee For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	42.74 -3.88 5.22 10.45 5.62	23.22	
22 11 16 00-0484	EA		3/8" Straight Copper Tee For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	48.16 -4.50 6.27 12.54 6.59	27.86	
22 11 16 00-0485	EA		1/2" Straight Copper Tee For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	60.27 -5.92 8.71 17.41 8.82	38.76	
22 11 16 00-0486	EA		3/4" Straight Copper Tee For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	77.29 -7.46 10.79 21.59 11.06	48.06	
22 11 16 00-0487	EA		1" Straight Copper Tee For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	101.92 -9.39 12.89 25.77 13.69	57.34	
22 11 16 00-0488	EA		1-1/4" Straight Copper Tee For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	115.17 -10.40 13.93 27.86 15.04	61.98	
22 11 16 00-0489	EA		1-1/2" Straight Copper Tee For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	134.75 -11.79 15.15 30.29 16.84	67.32	

22 Plumbing**22 10 Plumbing Piping****22 11 Facility Water Distribution**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

22 11 16 00-0490	EA	2" Straight Copper Tee	167.43	75.91
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-14.06	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	17.06	
		<i>For Work In Restricted Working Space, Add</i>	34.13	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	19.75	
22 11 16 00-0491	EA	2-1/2" Straight Copper Tee	213.64	76.96
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-16.45	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	17.31	
		<i>For Work In Restricted Working Space, Add</i>	34.63	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	22.23	
22 11 16 00-0492	EA	3" Straight Copper Tee	289.00	92.67
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-21.40	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	20.84	
		<i>For Work In Restricted Working Space, Add</i>	41.69	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	28.35	
22 11 16 00-0493	EA	4" Straight Copper Tee	557.68	129.76
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-37.61	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	29.18	
		<i>For Work In Restricted Working Space, Add</i>	58.36	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	47.34	
22 11 16 00-0494	EA	5" Straight Copper Tee	1,453.27	177.54
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-85.97	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	39.92	
		<i>For Work In Restricted Working Space, Add</i>	79.84	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	99.28	
22 11 16 00-0495	EA	6" Straight Copper Tee	2,012.93	260.27
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-120.15	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	58.52	
		<i>For Work In Restricted Working Space, Add</i>	117.04	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	139.66	
22 11 16 00-0496	EA	8" Straight Copper Tee	6,779.29	346.52
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-364.94	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	77.92	
		<i>For Work In Restricted Working Space, Add</i>	155.84	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	390.91	
22 11 16 00-0497	EA	1/2" Cast Bronze Drop Ear Tee	71.76	38.76
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-6.49	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	8.71	
		<i>For Work In Restricted Working Space, Add</i>	17.41	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	9.39	
22 11 16 00-0498		Reducing Copper Tees (22 11 16 00-0496)		
22 11 16 00-0499	EA	3/8" Reducing Copper Tee	49.74	24.72
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.34	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.57	
		<i>For Work In Restricted Working Space, Add</i>	11.14	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	6.20	
22 11 16 00-0500	EA	1/2" Reducing Copper Tee	63.33	34.82
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-5.78	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	7.84	
		<i>For Work In Restricted Working Space, Add</i>	15.67	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	8.39	
22 11 16 00-0501	EA	3/4" Reducing Copper Tee	72.97	44.92
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-7.01	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	10.10	
		<i>For Work In Restricted Working Space, Add</i>	20.20	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	10.38	
22 11 16 00-0502	EA	1" Reducing Copper Tee	99.21	54.21
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-9.02	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	12.19	
		<i>For Work In Restricted Working Space, Add</i>	24.38	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	13.09	
22 11 16 00-0503	EA	1-1/4" Reducing Copper Tee	115.46	58.85
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-10.18	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	13.23	
		<i>For Work In Restricted Working Space, Add</i>	26.46	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	14.59	
22 11 16 00-0504	EA	1-1/2" Reducing Copper Tee	134.86	64.31
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-11.56	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	14.45	
		<i>For Work In Restricted Working Space, Add</i>	28.90	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	16.38	
22 11 16 00-0505	EA	2" Reducing Copper Tee	163.64	71.96
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-13.58	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	16.19	
		<i>For Work In Restricted Working Space, Add</i>	32.39	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	18.98	
22 11 16 00-0506	EA	2-1/2" Reducing Copper Tee	218.75	74.18
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-16.50	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	16.67	
		<i>For Work In Restricted Working Space, Add</i>	33.35	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	22.05	
22 11 16 00-0507	EA	3" Reducing Copper Tee	304.95	85.50
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-21.66	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	19.24	
		<i>For Work In Restricted Working Space, Add</i>	38.48	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	28.07	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 11 16 00-0508	EA 4" Reducing Copper Tee	530.14	105.50
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-34.42	
	For Brazed Fittings Instead Of 95/5 Solder, Add	23.73	
	For Work In Restricted Working Space, Add	47.46	
	For Silver Solder Instead Of 95/5 Solder, Add	42.33	
22 11 16 00-0509	Copper Couplings (22 11 16 00-0436)		
22 11 16 00-0510	EA 1/4" Copper Coupling.....	23.98	15.49
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.36	
	For Brazed Fittings Instead Of 95/5 Solder, Add	3.48	
	For Work In Restricted Working Space, Add	6.97	
	For Silver Solder Instead Of 95/5 Solder, Add	3.52	
22 11 16 00-0511	EA 3/8" Copper Coupling.....	28.87	18.57
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.84	
	For Brazed Fittings Instead Of 95/5 Solder, Add	4.18	
	For Work In Restricted Working Space, Add	8.36	
	For Silver Solder Instead Of 95/5 Solder, Add	4.23	
22 11 16 00-0512	EA 1/2" Copper Coupling.....	39.13	25.53
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.87	
	For Brazed Fittings Instead Of 95/5 Solder, Add	5.75	
	For Work In Restricted Working Space, Add	11.49	
	For Silver Solder Instead Of 95/5 Solder, Add	5.79	
22 11 16 00-0513	EA 3/4" Copper Coupling.....	49.27	31.81
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.84	
	For Brazed Fittings Instead Of 95/5 Solder, Add	7.14	
	For Work In Restricted Working Space, Add	14.27	
	For Silver Solder Instead Of 95/5 Solder, Add	7.22	
22 11 16 00-0514	EA 1" Copper Coupling.....	60.23	37.96
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.86	
	For Brazed Fittings Instead Of 95/5 Solder, Add	8.53	
	For Work In Restricted Working Space, Add	17.06	
	For Silver Solder Instead Of 95/5 Solder, Add	8.70	
22 11 16 00-0515	EA 1-1/4" Copper Coupling	67.42	41.09
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.45	
	For Brazed Fittings Instead Of 95/5 Solder, Add	9.23	
	For Work In Restricted Working Space, Add	18.46	
	For Silver Solder Instead Of 95/5 Solder, Add	9.52	
22 11 16 00-0516	EA 1-1/2" Copper Coupling	75.13	44.92
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-7.12	
	For Brazed Fittings Instead Of 95/5 Solder, Add	10.10	
	For Work In Restricted Working Space, Add	20.20	
	For Silver Solder Instead Of 95/5 Solder, Add	10.49	
22 11 16 00-0517	EA 2" Copper Coupling.....	88.44	49.91
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-8.19	
	For Brazed Fittings Instead Of 95/5 Solder, Add	11.32	
	For Work In Restricted Working Space, Add	22.63	
	For Silver Solder Instead Of 95/5 Solder, Add	11.97	
22 11 16 00-0518	EA 2-1/2" Copper Coupling	97.38	48.52
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-8.50	
	For Brazed Fittings Instead Of 95/5 Solder, Add	10.90	
	For Work In Restricted Working Space, Add	21.80	
	For Silver Solder Instead Of 95/5 Solder, Add	12.14	
22 11 16 00-0519	EA 3" Copper Coupling.....	121.27	58.79
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-10.45	
	For Brazed Fittings Instead Of 95/5 Solder, Add	13.15	
	For Work In Restricted Working Space, Add	26.30	
	For Silver Solder Instead Of 95/5 Solder, Add	14.83	
22 11 16 00-0520	EA 4" Copper Coupling.....	191.65	79.10
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-15.46	
	For Brazed Fittings Instead Of 95/5 Solder, Add	17.64	
	For Work In Restricted Working Space, Add	35.27	
	For Silver Solder Instead Of 95/5 Solder, Add	21.34	
22 11 16 00-0521	EA 5" Copper Coupling.....	314.71	144.29
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-23.75	
	For Brazed Fittings Instead Of 95/5 Solder, Add	24.05	
	For Work In Restricted Working Space, Add	48.10	
	For Silver Solder Instead Of 95/5 Solder, Add	31.77	
22 11 16 00-0522	EA 6" Copper Coupling.....	490.27	156.80
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-36.27	
	For Brazed Fittings Instead Of 95/5 Solder, Add	35.27	
	For Work In Restricted Working Space, Add	70.55	
	For Silver Solder Instead Of 95/5 Solder, Add	48.03	
22 11 16 00-0523	EA 8" Copper Coupling.....	1,139.08	207.90
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-72.56	
	For Brazed Fittings Instead Of 95/5 Solder, Add	46.82	
	For Work In Restricted Working Space, Add	93.63	
	For Silver Solder Instead Of 95/5 Solder, Add	88.17	
22 11 16 00-0524	Reducing Copper Couplings (22 11 16 00-0436)		
22 11 16 00-0525	EA 3/8" Reducing Copper Coupling	24.88	15.44
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.41	
	For Brazed Fittings Instead Of 95/5 Solder, Add	3.48	
	For Work In Restricted Working Space, Add	6.97	
	For Silver Solder Instead Of 95/5 Solder, Add	3.57	

22 Plumbing
22 10 Plumbing Piping
22 11 Facility Water Distribution

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 11 16 00-0526	EA	1/2" Reducing Copper Coupling.....	34.81	22.05
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.39	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	4.96	
		<i>For Work In Restricted Working Space, Add</i>	9.92	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.05	
22 11 16 00-0527	EA	3/4" Reducing Copper Coupling.....	45.93	28.67
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.44	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	6.44	
		<i>For Work In Restricted Working Space, Add</i>	12.88	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	6.59	
22 11 16 00-0528	EA	1" Reducing Copper Coupling.....	57.64	34.82
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-5.49	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	7.84	
		<i>For Work In Restricted Working Space, Add</i>	15.67	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	8.11	
22 11 16 00-0529	EA	1-1/4" Reducing Copper Coupling.....	66.71	39.47
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-6.30	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	8.88	
		<i>For Work In Restricted Working Space, Add</i>	17.76	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	9.25	
22 11 16 00-0530	EA	1-1/2" Reducing Copper Coupling.....	76.88	42.94
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-7.07	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	9.66	
		<i>For Work In Restricted Working Space, Add</i>	19.33	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	10.29	
22 11 16 00-0531	EA	2" Reducing Copper Coupling.....	90.65	47.58
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-8.10	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	10.71	
		<i>For Work In Restricted Working Space, Add</i>	21.42	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	11.67	
22 11 16 00-0532	EA	2-1/2" Reducing Copper Coupling.....	109.86	48.85
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-9.15	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	10.98	
		<i>For Work In Restricted Working Space, Add</i>	21.96	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	12.81	
22 11 16 00-0533	EA	3" Reducing Copper Coupling.....	129.75	56.65
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-10.71	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	12.67	
		<i>For Work In Restricted Working Space, Add</i>	25.33	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	14.93	
22 11 16 00-0534	EA	4" Reducing Copper Coupling.....	201.12	74.18
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-15.61	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	16.67	
		<i>For Work In Restricted Working Space, Add</i>	33.35	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	21.17	
22 11 16 00-0535	EA	5" Reducing Copper Coupling.....	506.74	103.35
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-33.09	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	23.25	
		<i>For Work In Restricted Working Space, Add</i>	46.49	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	40.84	
22 11 16 00-0536	EA	6" Reducing Copper Coupling.....	753.15	138.95
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-48.08	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	31.26	
		<i>For Work In Restricted Working Space, Add</i>	62.53	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	58.50	
22 11 16 00-0537	EA	8" Reducing Copper Coupling.....	1,458.33	202.48
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-88.09	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	45.53	
		<i>For Work In Restricted Working Space, Add</i>	91.07	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	103.27	

22 11 16 00-0538 Male Copper Adapters (22 11 16 00-0438)

22 11 16 00-0539	EA	1/4" Male Copper Adapter.....	36.58	15.09
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.99	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	3.48	
		<i>For Work In Restricted Working Space, Add</i>	6.97	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	4.15	
22 11 16 00-0540	EA	3/8" Male Copper Adapter.....	34.52	18.57
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.12	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	4.18	
		<i>For Work In Restricted Working Space, Add</i>	8.36	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	4.51	
22 11 16 00-0541	EA	1/2" Male Copper Adapter.....	37.52	23.22
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.62	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.22	
		<i>For Work In Restricted Working Space, Add</i>	10.45	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.36	
22 11 16 00-0542	EA	3/4" Male Copper Adapter.....	47.51	29.02
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.52	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	6.44	
		<i>For Work In Restricted Working Space, Add</i>	12.88	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	6.67	
22 11 16 00-0543	EA	1" Male Copper Adapter.....	61.54	33.66
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-5.57	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	7.49	
		<i>For Work In Restricted Working Space, Add</i>	14.97	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	8.07	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0544	EA		1-1/4" Male Copper Adapter <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	74.96 -6.65 8.71 17.41 9.55	38.30
22 11 16 00-0545	EA		1-1/2" Male Copper Adapter <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	85.96 -7.61 9.92 19.85 10.91	44.11
22 11 16 00-0546	EA		2" Male Copper Adapter <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	118.25 -10.15 12.71 25.42 14.39	56.29
22 11 16 00-0547	EA		2-1/2" Male Copper Adapter <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	207.68 -15.84 16.37 32.73 21.29	73.13
22 11 16 00-0548	EA		3" Male Copper Adapter <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	275.86 -21.06 21.80 43.61 28.33	97.53
22 11 16 00-0549	EA		4" Male Copper Adapter <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	413.93 -30.96 30.78 61.57 41.22	136.82
22 11 16 00-0550			Female Copper Adapters (22 11 16 00-0496)		
22 11 16 00-0551	EA		1/4" Female Copper Adapter <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	31.75 -2.75 3.48 6.97 3.91	15.09
22 11 16 00-0552	EA		3/8" Female Copper Adapter <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	36.79 -3.23 4.18 8.36 4.63	18.57
22 11 16 00-0553	EA		1/2" Female Copper Adapter <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	39.14 -3.70 5.22 10.45 5.44	23.22
22 11 16 00-0554	EA		3/4" Female Copper Adapter <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	48.84 -4.59 6.44 12.88 6.74	29.02
22 11 16 00-0555	EA		1" Female Copper Adapter <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	63.41 -5.67 7.49 14.97 8.16	33.66
22 11 16 00-0556	EA		1-1/4" Female Copper Adapter <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	77.84 -6.79 8.71 17.41 9.70	38.30
22 11 16 00-0557	EA		1-1/2" Female Copper Adapter <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	97.16 -8.17 9.92 19.85 11.47	44.11
22 11 16 00-0558	EA		2" Female Copper Adapter <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	126.78 -10.58 12.71 25.42 14.81	56.29
22 11 16 00-0559	EA		2-1/2" Female Copper Adapter <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	239.56 -17.00 15.07 30.14 22.03	67.34
22 11 16 00-0560	EA		3" Female Copper Adapter <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	379.67 -26.25 21.80 43.61 33.52	97.53
22 11 16 00-0561			Wrot Copper, Solder Union (22 11 16 00-0436)		

22 Plumbing**22 10 Plumbing Piping****22 11 Facility Water Distribution**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 11 16 00-0562	EA 1/4" Wrot Copper, Solder Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	48.00 -3.79 4.18 8.36 5.19	18.57
22 11 16 00-0563	EA 3/8" Wrot Copper, Solder Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	54.41 -4.40 5.05 10.10 6.09	22.40
22 11 16 00-0564	EA 1/2" Wrot Copper, Solder Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	54.61 -4.82 6.27 12.54 6.91	27.86
22 11 16 00-0565	EA 3/4" Wrot Copper, Solder Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	63.35 -5.55 7.14 14.27 7.93	31.81
22 11 16 00-0566	EA 1" Wrot Copper, Solder Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	83.98 -7.04 8.53 17.06 9.89	37.96
22 11 16 00-0567	EA 1-1/4" Wrot Copper, Solder Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	101.93 -8.23 9.40 18.80 11.36	41.79
22 11 16 00-0568	EA 1-1/2" Wrot Copper, Solder Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	124.98 -9.73 10.45 20.90 13.21	46.43
22 11 16 00-0569	EA 2" Wrot Copper, Solder Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	177.90 -13.07 12.54 25.07 17.25	55.71
22 11 16 00-0570	EA 2-1/2" Wrot Copper, Solder Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	349.15 -22.05 13.79 27.58 26.65	61.35
22 11 16 00-0571	EA 3" Wrot Copper, Solder Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	796.05 -46.32 19.56 39.12 52.84	87.01
22 11 16 00-0572	Cast Bronze, Solder Union (22 11 16 00-0436)		
22 11 16 00-0573	EA 1/4" Cast Bronze, Solder Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	55.42 -4.16 4.18 8.36 5.56	18.57
22 11 16 00-0574	EA 3/8" Cast Bronze, Solder Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	61.41 -4.75 5.05 10.10 6.44	22.40
22 11 16 00-0575	EA 1/2" Cast Bronze, Solder Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	56.57 -4.92 6.27 12.54 7.01	27.86
22 11 16 00-0576	EA 3/4" Cast Bronze, Solder Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	66.11 -5.68 7.14 14.27 8.06	31.81
22 11 16 00-0577	EA 1" Cast Bronze, Solder Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	88.77 -7.28 8.53 17.06 10.13	37.96
22 11 16 00-0578	EA 1-1/4" Cast Bronze, Solder Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	115.01 -8.88 9.40 18.80 12.02	41.79
22 11 16 00-0579	EA 1-1/2" Cast Bronze, Solder Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	138.63 -10.41 10.45 20.90 13.90	46.43

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0580	EA		2" Cast Bronze, Solder Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	201.13 -14.24 12.54 25.07 18.41	55.71
22 11 16 00-0581	EA		2-1/2" Cast Bronze, Solder Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	349.14 -22.05 13.79 27.58 26.65	61.35
22 11 16 00-0582	EA		3" Cast Bronze, Solder Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	796.05 -46.32 19.56 39.12 52.84	87.01
22 11 16 00-0583			Cast Bronze, Solder X Female Threaded Union (22 11 16 00-0436)		
22 11 16 00-0584	EA		1/4" Cast Bronze, Solder X Female Threaded Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	65.45 -4.67 4.18 8.36 6.06	18.57
22 11 16 00-0585	EA		3/8" Cast Bronze, Solder X Female Threaded Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	72.55 -5.31 5.05 10.10 6.99	22.40
22 11 16 00-0586	EA		1/2" Cast Bronze, Solder X Female Threaded Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	72.68 -5.72 6.27 12.54 7.81	27.86
22 11 16 00-0587	EA		3/4" Cast Bronze, Solder X Female Threaded Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	89.69 -6.86 7.14 14.27 9.24	31.81
22 11 16 00-0588	EA		1" Cast Bronze, Solder X Female Threaded Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	144.47 -10.07 8.53 17.06 12.91	37.96
22 11 16 00-0589	EA		1-1/4" Cast Bronze, Solder X Female Threaded Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	225.91 -14.43 9.40 18.80 17.56	41.79
22 11 16 00-0590	EA		1-1/2" Cast Bronze, Solder X Female Threaded Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	276.45 -17.31 10.45 20.90 20.79	46.43
22 11 16 00-0591	EA		2" Cast Bronze, Solder X Female Threaded Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	433.62 -25.86 12.54 25.07 30.04	55.71
22 11 16 00-0592	EA		2-1/2" Cast Bronze, Solder X Female Threaded Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	755.50 -42.37 13.79 27.58 46.97	61.35
22 11 16 00-0593			Cast Bronze, Solder X Male Threaded Union (22 11 16 00-0436)		
22 11 16 00-0594	EA		1/4" Cast Bronze, Solder X Male Threaded Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	56.49 -4.22 4.18 8.36 5.61	18.57
22 11 16 00-0595	EA		3/8" Cast Bronze, Solder X Male Threaded Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	67.08 -5.04 5.05 10.10 6.72	22.40
22 11 16 00-0596	EA		1/2" Cast Bronze, Solder X Male Threaded Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	66.18 -5.40 6.27 12.54 7.49	27.86
22 11 16 00-0597	EA		3/4" Cast Bronze, Solder X Male Threaded Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	84.18 -6.59 7.14 14.27 8.97	31.81

22 Plumbing

22 10 Plumbing Piping

22 11 Facility Water Distribution



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 11 16 00-0598	EA 1" Cast Bronze, Solder X Male Threaded Union.....	147.00	37.96
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-10.19	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	8.53	
	<i>For Work In Restricted Working Space, Add</i>	17.06	
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	13.04	
22 11 16 00-0599	EA 1-1/4" Cast Bronze, Solder X Male Threaded Union.....	174.46	41.79
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-11.86	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	9.40	
	<i>For Work In Restricted Working Space, Add</i>	18.80	
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	14.99	
22 11 16 00-0600	EA 1-1/2" Cast Bronze, Solder X Male Threaded Union.....	187.06	46.43
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-12.84	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	10.45	
	<i>For Work In Restricted Working Space, Add</i>	20.90	
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	16.32	
22 11 16 00-0601	EA 2" Cast Bronze, Solder X Male Threaded Union.....	263.92	55.71
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-17.37	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	12.54	
	<i>For Work In Restricted Working Space, Add</i>	25.07	
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	21.55	
22 11 16 00-0602	EA 2-1/2" Cast Bronze, Solder X Male Threaded Union.....	620.44	61.35
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-35.62	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	13.79	
	<i>For Work In Restricted Working Space, Add</i>	27.58	
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	40.21	
22 11 16 00-0603 Copper Caps (22 11 16 00-0436)			
22 11 16 00-0604	EA 1/4" Copper Cap.....	8.81	5.10
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-0.82	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	1.15	
	<i>For Work In Restricted Working Space, Add</i>	2.30	
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	1.21	
22 11 16 00-0605	EA 3/8" Copper Cap.....	11.03	6.03
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-1.01	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	1.38	
	<i>For Work In Restricted Working Space, Add</i>	2.76	
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	1.47	
22 11 16 00-0606	EA 1/2" Copper Cap.....	13.58	8.36
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-1.31	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	1.90	
	<i>For Work In Restricted Working Space, Add</i>	3.79	
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	1.94	
22 11 16 00-0607	EA 3/4" Copper Cap.....	17.47	10.33
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-1.66	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	2.36	
	<i>For Work In Restricted Working Space, Add</i>	4.71	
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	2.44	
22 11 16 00-0608	EA 1" Copper Cap.....	22.91	12.42
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.08	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	2.82	
	<i>For Work In Restricted Working Space, Add</i>	5.63	
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.02	
22 11 16 00-0609	EA 1-1/4" Copper Cap.....	25.84	13.35
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.31	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	3.05	
	<i>For Work In Restricted Working Space, Add</i>	6.09	
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.32	
22 11 16 00-0610	EA 1-1/2" Copper Cap.....	30.27	14.63
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.62	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	3.33	
	<i>For Work In Restricted Working Space, Add</i>	6.66	
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.73	
22 11 16 00-0611	EA 2" Copper Cap.....	37.83	15.18
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.04	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	3.44	
	<i>For Work In Restricted Working Space, Add</i>	6.88	
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	4.18	
22 11 16 00-0612	EA 2-1/2" Copper Cap.....	68.22	17.74
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.76	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	4.04	
	<i>For Work In Restricted Working Space, Add</i>	8.08	
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	6.11	
22 11 16 00-0613	EA 3" Copper Cap.....	93.60	22.77
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-6.40	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.17	
	<i>For Work In Restricted Working Space, Add</i>	10.34	
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	8.13	
22 11 16 00-0614	EA 4" Copper Cap.....	163.75	34.42
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-10.80	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	7.82	
	<i>For Work In Restricted Working Space, Add</i>	15.65	
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	13.40	
22 11 16 00-0615	EA 5" Cast Bronze Cap.....	864.76	53.02
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-47.25	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	12.05	
	<i>For Work In Restricted Working Space, Add</i>	24.10	
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	51.27	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0616	EA		6" Cast Bronze Cap <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	1,679.74 -89.83 17.53 35.06 95.68	77.17
22 11 16 00-0617	EA		8" Cast Bronze Cap <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	2,139.34 -114.76 23.38 46.75 122.55	102.82
22 11 16 00-0618 Copper Crosses (22 11 16 00-0436)					
22 11 16 00-0619	EA		1/2" Copper Cross <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	85.40 -7.80 10.58 21.17 11.33	47.03
22 11 16 00-0620	EA		3/4" Copper Cross <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	116.51 -10.21 13.15 26.30 14.59	58.47
22 11 16 00-0621	EA		1" Copper Cross <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	153.77 -12.93 15.71 31.42 18.16	69.80
22 11 16 00-0622	EA		1-1/4" Copper Cross <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	183.77 -14.85 17.00 33.99 20.52	75.57
22 11 16 00-0623	EA		1-1/2" Copper Cross <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	224.43 -17.42 18.60 37.20 23.62	82.62
22 11 16 00-0624	EA		2" Copper Cross <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	328.71 -23.38 20.84 41.69 30.33	92.67
22 11 16 00-0625	EA		2-1/2" Copper Cross <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	591.31 -37.26 23.09 46.17 44.96	102.61
22 11 16 00-0626 Cast Bronze Crosses (22 11 16 00-0436)					
22 11 16 00-0627	EA		3/8" Cast Bronze Cross <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	71.10 -6.12 7.70 15.39 8.69	34.20
22 11 16 00-0628	EA		1/2" Cast Bronze Cross <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	88.37 -7.95 10.58 21.17 11.47	47.03
22 11 16 00-0629	EA		3/4" Cast Bronze Cross <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	122.28 -10.50 13.15 26.30 14.88	58.47
22 11 16 00-0630	EA		1" Cast Bronze Cross <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	163.56 -13.42 15.71 31.42 18.65	69.80
22 11 16 00-0631	EA		1-1/4" Cast Bronze Cross <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	197.86 -15.56 17.00 33.99 21.22	75.57
22 11 16 00-0632	EA		1-1/2" Cast Bronze Cross <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	244.52 -18.43 18.60 37.20 24.63	82.62
22 11 16 00-0633	EA		2" Cast Bronze Cross <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	349.52 -24.42 20.84 41.69 31.37	92.67

22 Plumbing
22 10 Plumbing Piping
22 11 Facility Water Distribution

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0634	EA		2-1/2" Cast Bronze Cross <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	678.79 -41.64 23.09 46.17 49.33	102.61
22 11 16 00-0635			Flexible Corrugated Copper Supply Line (22 11 16 00-0436)		
22 11 16 00-0636	EA		3/4" Threaded x 3/4" Solder x 18" Long, Flexible Corrugated Copper Supply Line	95.32	31.81
22 11 16 00-0637	EA		3/4" Threaded x 3/4" Solder x 24" Long, Flexible Corrugated Copper Supply Line	101.06	31.81
22 11 16 00-0638	EA		3/4" Threaded x 3/4" Threaded x 12" Long, Flexible Corrugated Copper Supply Line	84.98	31.81
22 11 16 00-0639	EA		3/4" Threaded x 3/4" Threaded x 15" Long, Flexible Corrugated Copper Supply Line	91.49	31.81
22 11 16 00-0640	EA		3/4" Threaded x 3/4" Threaded x 18" Long, Flexible Corrugated Copper Supply Line	97.23	31.81
22 11 16 00-0641	EA		3/4" Threaded x 3/4" Threaded x 24" Long, Flexible Corrugated Copper Supply Line	101.06	31.81
22 11 16 00-0642			Crimped Copper Fittings (22 11 16 00-0368) Note: Viega ProPress type. Includes factory installed ethylene propylene diene monomer (EPDM) sealing elements.		
22 11 16 00-0643			Crimped Copper 90 Degree Elbows (22 11 16 00-0642)		
22 11 16 00-0644	EA		1/2" Crimped Copper 90 Degree Elbow	26.18	13.93
22 11 16 00-0645	EA		3/4" Crimped Copper 90 Degree Elbow	32.76	15.90
22 11 16 00-0646	EA		1" Crimped Copper 90 Degree Elbow	46.40	18.92
22 11 16 00-0647	EA		1-1/4" Crimped Copper 90 Degree Elbow	67.62	20.89
22 11 16 00-0648	EA		1-1/2" Crimped Copper 90 Degree Elbow	103.51	23.22
22 11 16 00-0649	EA		2" Crimped Copper 90 Degree Elbow	137.25	27.86
22 11 16 00-0650	EA		2-1/2" Crimped Copper 90 Degree Elbow	326.04	32.50
22 11 16 00-0651	EA		3" Crimped Copper 90 Degree Elbow	406.90	38.65
22 11 16 00-0652	EA		4" Crimped Copper 90 Degree Elbow	508.22	51.07
22 11 16 00-0653			Crimped Copper 45 Degree Elbows (22 11 16 00-0642)		
22 11 16 00-0654	EA		1/2" Crimped Copper 45 Degree Elbow	27.05	13.93
22 11 16 00-0655	EA		3/4" Crimped Copper 45 Degree Elbow	31.36	15.90
22 11 16 00-0656	EA		1" Crimped Copper 45 Degree Elbow	52.74	18.92
22 11 16 00-0657	EA		1-1/4" Crimped Copper 45 Degree Elbow	66.21	20.89
22 11 16 00-0658	EA		1-1/2" Crimped Copper 45 Degree Elbow	91.36	23.22
22 11 16 00-0659	EA		2" Crimped Copper 45 Degree Elbow	120.88	27.86
22 11 16 00-0660	EA		2-1/2" Crimped Copper 45 Degree Elbow	231.92	32.50
22 11 16 00-0661	EA		3" Crimped Copper 45 Degree Elbow	319.74	38.65
22 11 16 00-0662	EA		4" Crimped Copper 45 Degree Elbow	440.04	51.07
22 11 16 00-0663			Crimped Copper Straight Tees (22 11 16 00-0642)		
22 11 16 00-0664	EA		1/2" Crimped Copper Straight Tee	39.44	20.89
22 11 16 00-0665	EA		3/4" Crimped Copper Straight Tee	55.46	27.51
22 11 16 00-0666	EA		1" Crimped Copper Straight Tee	71.57	30.53
22 11 16 00-0667	EA		1-1/4" Crimped Copper Straight Tee	90.51	31.34
22 11 16 00-0668	EA		1-1/2" Crimped Copper Straight Tee	137.93	35.63
22 11 16 00-0669	EA		2" Crimped Copper Straight Tee	167.11	41.79
22 11 16 00-0670	EA		2-1/2" Crimped Copper Straight Tee	415.72	48.75
22 11 16 00-0671	EA		3" Crimped Copper Straight Tee	515.28	58.04
22 11 16 00-0672	EA		4" Crimped Copper Straight Tee	715.79	76.60
22 11 16 00-0673			Crimped Copper Reducing Tees (22 11 16 00-0642)		
22 11 16 00-0674	EA		3/4" Crimped Copper Reducing Tee	51.84	19.85
22 11 16 00-0675	EA		1" Crimped Copper Reducing Tee	78.23	26.12
22 11 16 00-0676	EA		1-1/4" Crimped Copper Reducing Tee	83.33	29.02
22 11 16 00-0677	EA		1-1/2" Crimped Copper Reducing Tee	119.72	29.83
22 11 16 00-0678	EA		2" Crimped Copper Reducing Tee	145.66	33.78
22 11 16 00-0679	EA		2-1/2" Crimped Copper Reducing Tee	460.48	38.30
22 11 16 00-0680	EA		3" Crimped Copper Reducing Tee	562.32	46.43
22 11 16 00-0681	EA		4" Crimped Copper Reducing Tee	653.37	61.86
22 11 16 00-0682			Crimped Copper Couplings (22 11 16 00-0642)		
22 11 16 00-0683	EA		1/2" Crimped Copper Coupling	25.65	13.93
22 11 16 00-0684	EA		3/4" Crimped Copper Coupling	31.01	15.90
22 11 16 00-0685	EA		1" Crimped Copper Coupling	43.04	18.92
22 11 16 00-0686	EA		1-1/4" Crimped Copper Coupling	49.49	20.89
22 11 16 00-0687	EA		1-1/2" Crimped Copper Coupling	68.63	23.22
22 11 16 00-0688	EA		2" Crimped Copper Coupling	84.94	27.86
22 11 16 00-0689	EA		2-1/2" Crimped Copper Coupling	186.85	32.50
22 11 16 00-0690	EA		3" Crimped Copper Coupling	233.92	38.65
22 11 16 00-0691	EA		4" Crimped Copper Coupling	320.82	51.07
22 11 16 00-0692			Crimped Copper Reducing Couplings (22 11 16 00-0642)		
22 11 16 00-0693	EA		3/4" Crimped Copper Reducing Coupling	41.52	13.23
22 11 16 00-0694	EA		1" Crimped Copper Reducing Coupling	47.47	15.09
22 11 16 00-0695	EA		1-1/4" Crimped Copper Reducing Coupling	63.16	17.99
22 11 16 00-0696	EA		1-1/2" Crimped Copper Reducing Coupling	83.01	19.85
22 11 16 00-0697	EA		2" Crimped Copper Reducing Coupling	92.96	22.05

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 11 16 00-0698	EA	2-1/2" Crimped Copper FTG x C Reducing Coupling	202.61	26.35
22 11 16 00-0699	EA	3" Crimped Copper FTG x C Reducing Coupling	254.52	30.99
22 11 16 00-0700	EA	4" Crimped Copper FTG x C Reducing Coupling	329.99	40.97
22 11 16 00-0701 Crimped Copper Male Adapters (22 11 16 00-0642)				
22 11 16 00-0702	EA	1/2" Crimped Copper Male Adapter	26.71	13.93
22 11 16 00-0703	EA	3/4" Crimped Copper Male Adapter	34.35	15.90
22 11 16 00-0704	EA	1" Crimped Copper Male Adapter	47.80	18.92
22 11 16 00-0705	EA	1-1/4" Crimped Copper Male Adapter	73.78	20.89
22 11 16 00-0706	EA	1-1/2" Crimped Copper Male Adapter	94.35	23.22
22 11 16 00-0707	EA	2" Crimped Copper Male Adapter	156.44	27.86
22 11 16 00-0708	EA	2-1/2" Crimped Copper Male Adapter	326.04	32.50
22 11 16 00-0709	EA	3" Crimped Copper Male Adapter	406.90	38.65
22 11 16 00-0710	EA	4" Crimped Copper Male Adapter	480.42	51.07
22 11 16 00-0711 Crimped Copper Female Adapters (22 11 16 00-0642)				
22 11 16 00-0712	EA	1/2" Crimped Copper Female Adapter	27.93	13.93
22 11 16 00-0713	EA	3/4" Crimped Copper Female Adapter	35.25	15.90
22 11 16 00-0714	EA	1" Crimped Copper Female Adapter	49.57	18.92
22 11 16 00-0715	EA	1-1/4" Crimped Copper Female Adapter	79.07	20.89
22 11 16 00-0716	EA	1-1/2" Crimped Copper Female Adapter	104.22	23.22
22 11 16 00-0717	EA	2" Crimped Copper Female Adapter	159.61	27.86
22 11 16 00-0718 Crimped Copper Caps (22 11 16 00-0642)				
22 11 16 00-0719	EA	1/2" Crimped Copper Cap	20.66	6.97
22 11 16 00-0720	EA	3/4" Crimped Copper Cap	29.43	8.13
22 11 16 00-0721	EA	1" Crimped Copper Cap	40.52	9.28
22 11 16 00-0722	EA	1-1/4" Crimped Copper Cap	45.78	10.45
22 11 16 00-0723	EA	1-1/2" Crimped Copper Cap	64.66	11.95
22 11 16 00-0724	EA	2" Crimped Copper Cap	77.59	13.93
22 11 16 00-0725	EA	2-1/2" Crimped Copper Cap	205.69	16.25
22 11 16 00-0726	EA	3" Crimped Copper Cap	258.49	19.38
22 11 16 00-0727	EA	4" Crimped Copper Cap	344.08	25.53
22 11 16 00-0728 C x F NPT Crimped Bronze Unions (22 11 16 00-0642)				
22 11 16 00-0729	EA	1/2" C x F NPT Crimped Bronze Union	58.38	18.92
22 11 16 00-0730	EA	3/4" C x F NPT Crimped Bronze Union	73.33	23.33
22 11 16 00-0731	EA	1" C x F NPT Crimped Bronze Union	105.68	27.97
22 11 16 00-0732	EA	1-1/4" C x F NPT Crimped Bronze Union	129.19	32.27
22 11 16 00-0733	EA	1-1/2" C x F NPT Crimped Bronze Union	174.17	31.58
22 11 16 00-0734	EA	2" C x F NPT Crimped Bronze Union	236.51	45.73
22 11 16 00-0735 C x C Crimped Bronze Unions (22 11 16 00-0642)				
22 11 16 00-0736	EA	1/2" C x C Bronze Crimped Union	58.22	13.93
22 11 16 00-0737	EA	3/4" C x C Bronze Crimped Union	72.74	15.90
22 11 16 00-0738	EA	1" C x C Bronze Crimped Union	106.62	18.92
22 11 16 00-0739	EA	1-1/4" C x C Bronze Crimped Union	143.00	20.89
22 11 16 00-0740	EA	1-1/2" C x C Bronze Crimped Union	186.46	23.22
22 11 16 00-0741	EA	2" C x C Bronze Crimped Union	289.42	27.86
22 11 16 00-0742 C x Flange Crimped Bronze Flange (22 11 16 00-0642)				
22 11 16 00-0743	EA	2-1/2" C x Flange Crimped Bronze Flange	578.96	32.50
22 11 16 00-0744	EA	3" C x Flange Crimped Bronze Flange	628.72	38.65
22 11 16 00-0745	EA	4" C x Flange Crimped Bronze Flange	715.46	51.07
22 11 16 00-0746 Field Installed FKM Seals (22 11 16 00-0642)				
Note: For vacuum systems. Includes removing factory installed ethylene propylene diene monomer (EPDM) seal and installing FKM seal.				
22 11 16 00-0747	EA	1/2" Field Installed FKM Seal	8.22	
Note: To be used in conjunction with fittings.				
22 11 16 00-0748	EA	3/4" Field Installed FKM Seal	10.67	
Note: To be used in conjunction with fittings.				
22 11 16 00-0749	EA	1" Field Installed FKM Seal	12.26	
Note: To be used in conjunction with fittings.				
22 11 16 00-0750	EA	1-1/4" Field Installed FKM Seal	14.18	
Note: To be used in conjunction with fittings.				
22 11 16 00-0751	EA	1-1/2" Field Installed FKM Seal	20.97	
Note: To be used in conjunction with fittings.				
22 11 16 00-0752	EA	2" Field Installed FKM Seal	23.12	
Note: To be used in conjunction with fittings.				
22 11 16 00-0753	EA	2-1/2" Field Installed FKM Seal	36.31	
Note: To be used in conjunction with fittings.				
22 11 16 00-0754	EA	3" Field Installed FKM Seal	41.45	
Note: To be used in conjunction with fittings.				
22 11 16 00-0755	EA	4" Field Installed FKM Seal	56.83	
Note: To be used in conjunction with fittings.				

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 11 16 00-0756	Cut And Prepare Existing In-Place Copper Pipe (22 11 16 00-0368)				
22 11 16 00-0757	EA Up To 1/2", Cut And Prepare Existing In Place Copper Pipe.....	11.61			
22 11 16 00-0758	EA 3/4", Cut And Prepare Existing In Place Copper Pipe.....	12.54			
22 11 16 00-0759	EA 1", Cut And Prepare Existing In Place Copper Pipe.....	14.11			
22 11 16 00-0760	EA 1-1/4", Cut And Prepare Existing In Place Copper Pipe.....	14.80			
22 11 16 00-0761	EA 1-1/2", Cut And Prepare Existing In Place Copper Pipe.....	15.67			
22 11 16 00-0762	EA 2", Cut And Prepare Existing In Place Copper Pipe.....	17.24			
22 11 16 00-0763	EA 2-1/2", Cut And Prepare Existing In Place Copper Pipe.....	18.58			
22 11 16 00-0764	EA 3", Cut And Prepare Existing In Place Copper Pipe.....	21.94			
22 11 16 00-0765	EA 4", Cut And Prepare Existing In Place Copper Pipe.....	29.60			
22 11 16 00-0766	EA 6", Cut And Prepare Existing In Place Copper Pipe.....	42.30			
22 11 16 00-0767	EA 8", Cut And Prepare Existing In Place Copper Pipe.....	56.41			
22 11 16 00-0768	Sweat Brass Companion Flanges (22 11 16 00-0368)				
	Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.				
22 11 16 00-0769	EA 1" Sweat Brass Companion Flange.....	67.70	17.85		
22 11 16 00-0770	EA 1-1/4" Sweat Brass Companion Flange.....	73.88	19.66		
22 11 16 00-0771	EA 1-1/2" Sweat Brass Companion Flange.....	106.23	21.38		
22 11 16 00-0772	EA 2" Sweat Brass Companion Flange.....	142.60	23.73		
22 11 16 00-0773	EA 2-1/2" Sweat Brass Companion Flange.....	170.06	28.54		
22 11 16 00-0774	EA 3" Sweat Brass Companion Flange.....	187.88	37.41		
22 11 16 00-0775	EA 4" Sweat Brass Companion Flange.....	250.66	44.58		
22 11 16 00-0776	EA 5" Sweat Brass Companion Flange.....	468.95	52.15		
22 11 16 00-0777	EA 6" Sweat Brass Companion Flange.....	541.47	75.78		
22 11 16 00-0778	EA 8" Copper Companion Flange.....	1,245.75	108.10		
22 11 16 00-0779	Brass Compression Fittings (22 11 16 00-0368)				
22 11 16 00-0780	Brass Compression Unions (22 11 16 00-0779)				
22 11 16 00-0781	EA 1/4" Brass Compression Union.....	20.07	12.54		
22 11 16 00-0782	EA 3/8" Brass Compression Union.....	20.41	12.54		
22 11 16 00-0783	EA 1/2" Brass Compression Union.....	21.46	12.54		
22 11 16 00-0784	EA 5/8" Brass Compression Union.....	21.95	12.54		
22 11 16 00-0785	EA 3/4" Brass Compression Union.....	29.25	12.54		
22 11 16 00-0786	EA 3/8" x 1/4" Brass Compression Union.....	20.65	12.54		
22 11 16 00-0787	EA 1/2" x 3/8" Brass Compression Union.....	21.54	12.54		
22 11 16 00-0788	EA 5/8" x 3/8" Brass Compression Union.....	22.16	12.54		
22 11 16 00-0789	EA 5/8" x 1/2" Brass Compression Union.....	23.15	12.54		
22 11 16 00-0790	Brass Compression Union Elbows (22 11 16 00-0779)				
22 11 16 00-0791	EA 1/4" Brass Compression Union Elbow.....	21.46	12.54		
22 11 16 00-0792	EA 3/8" Brass Compression Union Elbow.....	22.02	12.54		
22 11 16 00-0793	EA 1/2" Brass Compression Union Elbow.....	23.26	12.54		
22 11 16 00-0794	EA 5/8" Brass Compression Union Elbow.....	25.19	12.54		
22 11 16 00-0795	EA 3/4" Brass Compression Union Elbow.....	32.69	12.54		
22 11 16 00-0796	EA 3/8" x 1/4" Brass Compression Union Elbow.....	22.02	12.54		
22 11 16 00-0797	EA 1/2" x 3/8" Brass Compression Union Elbow.....	23.26	12.54		
22 11 16 00-0798	EA 5/8" x 3/8" Brass Compression Union Elbow.....	23.60	12.54		
22 11 16 00-0799	EA 5/8" x 1/2" Brass Compression Union Elbow.....	29.25	12.54		
22 11 16 00-0800	Brass Compression Union Tees (22 11 16 00-0779)				
22 11 16 00-0801	EA 1/4" Brass Compression Union Tee.....	21.88	12.54		
22 11 16 00-0802	EA 3/8" Brass Compression Union Tee.....	23.05	12.54		
22 11 16 00-0803	EA 1/2" Brass Compression Union Tee.....	24.29	12.54		
22 11 16 00-0804	EA 5/8" Brass Compression Union Tee.....	28.21	12.54		
22 11 16 00-0805	EA 3/4" Brass Compression Union Tee.....	41.77	12.54		
22 11 16 00-0806	EA 3/8" x 3/8" x 1/4" Brass Compression Union Tee.....	23.88	12.54		
22 11 16 00-0807	EA 1/2" x 1/2" x 3/8" Brass Compression Union Tee.....	30.24	12.54		
22 11 16 00-0808	EA 5/8" x 5/8" x 3/8" Brass Compression Union Tee.....	29.63	12.54		
22 11 16 00-0809	EA 5/8" x 5/8" x 1/2" Brass Compression Union Tee.....	30.35	12.54		
22 11 16 00-0810	Brass Compression Male Connectors (22 11 16 00-0779)				
22 11 16 00-0811	EA 1/4" Brass Compression Male Connector.....	19.82	12.54		
22 11 16 00-0812	EA 3/8" Brass Compression Male Connector.....	20.27	12.54		
22 11 16 00-0813	EA 1/2" Brass Compression Male Connector.....	21.06	12.54		
22 11 16 00-0814	EA 5/8" Brass Compression Male Connector.....	22.23	12.54		
22 11 16 00-0815	EA 3/4" Brass Compression Male Connector.....	26.10	12.42		
22 11 16 00-0816	Brass Compression Female Connectors (22 11 16 00-0779)				
22 11 16 00-0817	EA 1/4" Brass Compression Female Connector.....	20.32	12.54		
22 11 16 00-0818	EA 3/8" Brass Compression Female Connector.....	20.90	12.54		
22 11 16 00-0819	EA 1/2" Brass Compression Female Connector.....	21.90	12.54		
22 11 16 00-0820	EA 5/8" Brass Compression Female Connector.....	22.63	12.54		
22 11 16 00-0821	EA 3/4" Brass Compression Female Connector.....	33.43	12.30		
22 11 16 00-0822	Dielectric Fittings (22 11 16 00-0368)				

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 11 16 00-0823	Copper x Female Iron Pipe Thread Dielectric Unions (22 11 16 00-0822)		
22 11 16 00-0824	EA 1/2" Copper x Female Iron Pipe Thread Dielectric Union	49.09	27.86
22 11 16 00-0825	EA 3/4" Copper x Female Iron Pipe Thread Dielectric Union	54.88	31.81
22 11 16 00-0826	EA 1" Copper x Female Iron Pipe Thread Dielectric Union	65.07	34.96
22 11 16 00-0827	EA 1-1/4" Copper x Female Iron Pipe Thread Dielectric Union	78.53	38.48
22 11 16 00-0828	EA 1-1/2" Copper x Female Iron Pipe Thread Dielectric Union	94.63	42.75
22 11 16 00-0829	EA 2" Copper x Female Iron Pipe Thread Dielectric Union	119.95	51.30
22 11 16 00-0830	Female Brass Thread x Iron Pipe Thread Dielectric Unions (22 11 16 00-0822)		
22 11 16 00-0831	EA 1/2" Female Brass Thread x Iron Pipe Thread Dielectric Union.....	53.70	27.86
22 11 16 00-0832	EA 3/4" Female Brass Thread x Iron Pipe Thread Dielectric Union.....	62.47	31.81
22 11 16 00-0833	EA 1" Female Brass Thread x Iron Pipe Thread Dielectric Union.....	75.08	34.96
22 11 16 00-0834	EA 1-1/4" Female Brass Thread x Iron Pipe Thread Dielectric Union	91.81	38.48
22 11 16 00-0835	EA 1-1/2" Female Brass Thread x Iron Pipe Thread Dielectric Union	111.06	42.75
22 11 16 00-0836	EA 2" Female Brass Thread x Iron Pipe Thread Dielectric Union.....	139.22	51.30
22 11 16 00-0837	Female Iron Pipe Thread x Iron Pipe Thread Dielectric Unions (22 11 16 00-0822)		
22 11 16 00-0838	EA 1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	50.78	27.86
22 11 16 00-0839	EA 3/4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	57.65	31.81
22 11 16 00-0840	EA 1" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	65.80	34.96
22 11 16 00-0841	EA 1-1/4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	75.96	38.48
22 11 16 00-0842	EA 1-1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	92.09	42.75
22 11 16 00-0843	EA 2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	117.91	51.30
22 11 16 00-0844	Copper x Female Iron Pipe Thread Dielectric Flanges (22 11 16 00-0822)		
22 11 16 00-0845	EA 2-1/2" Copper x Female Iron Pipe Thread Dielectric Flange.....	292.60	131.89
22 11 16 00-0846	EA 3" Copper x Female Iron Pipe Thread Dielectric Flange.....	366.39	166.10
22 11 16 00-0847	EA 4" Copper x Female Iron Pipe Thread Dielectric Flange.....	515.88	226.06
22 11 16 00-0848	Copper x Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flanges (22 11 16 00-0822)		
22 11 16 00-0849	EA 2-1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange.....	294.50	131.89
22 11 16 00-0850	EA 3" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange.....	381.50	166.10
22 11 16 00-0851	EA 4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange.....	690.24	226.06
22 11 16 00-0852	Brass Push-Fit Fittings (22 11 16)		
22 11 16 00-0853	EA 1/4" x 1/4" Brass Push-Fit Coupling	25.27	11.61
	Note: (Sharkbite)		
22 11 16 00-0854	EA 3/8" x 3/8" Brass Push-Fit Coupling	31.49	12.38
	Note: (Sharkbite)		
22 11 16 00-0855	EA 1/2" x 1/2" Brass Push-Fit Coupling	32.57	13.93
	Note: (Sharkbite)		
22 11 16 00-0856	EA 5/8" x 5/8" Brass Push-Fit Coupling	37.56	14.86
	Note: (Sharkbite)		
22 11 16 00-0857	EA 3/4" x 3/4" Brass Push-Fit Coupling	38.24	15.87
	Note: (Sharkbite)		
22 11 16 00-0858	EA 1" x 1" Brass Push-Fit Coupling.....	53.96	18.96
	Note: (Sharkbite)		
22 11 16 00-0859	EA 1/2" x 3/8" Brass Push-Fit Reducing Coupling.....	32.03	13.15
	Note: (Sharkbite)		
22 11 16 00-0860	EA 3/4" x 5/8" Brass Push-Fit Reducing Coupling.....	37.14	14.39
	Note: (Sharkbite)		
22 11 16 00-0861	EA 1" x 3/4" Brass Push-Fit Reducing Coupling.....	55.58	17.41
	Note: (Sharkbite)		
22 11 16 00-0862	EA 1/4" x 1/4" Brass Push-Fit Elbow	26.40	11.61
	Note: (Sharkbite)		
22 11 16 00-0863	EA 3/8" x 3/8" Brass Push-Fit Elbow	36.33	12.38
	Note: (Sharkbite)		
22 11 16 00-0864	EA 1/2" x 1/2" Brass Push-Fit Elbow	33.19	13.93
	Note: (Sharkbite)		
22 11 16 00-0865	EA 5/8" x 5/8" Brass Push-Fit Elbow	40.37	14.86
	Note: (Sharkbite)		
22 11 16 00-0866	EA 3/4" x 3/4" Brass Push-Fit Elbow	37.43	15.87
	Note: (Sharkbite)		
22 11 16 00-0867	EA 1" x 1" Brass Push-Fit Elbow	54.58	18.96
	Note: (Sharkbite)		
22 11 16 00-0868	EA 1/2" x 3/8" Brass Push-Fit Reducing Elbow	31.51	13.15
	Note: (Sharkbite)		
22 11 16 00-0869	EA 3/4" x 1/2" Brass Push-Fit Reducing Elbow	35.13	14.39
	Note: (Sharkbite)		
22 11 16 00-0870	EA 1" x 3/4" Brass Push-Fit Reducing Elbow	69.43	17.41
	Note: (Sharkbite)		
22 11 16 00-0871	EA 1/4" x 1/4" x 1/4" Brass Push-Fit Tee.....	40.07	17.41
	Note: (Sharkbite)		
22 11 16 00-0872	EA 3/8" x 3/8" x 3/8" Brass Push-Fit Tee.....	50.97	18.57
	Note: (Sharkbite)		
22 11 16 00-0873	EA 1/2" x 1/2" x 1/2" Brass Push-Fit Tee.....	46.43	20.89
	Note: (Sharkbite)		
22 11 16 00-0874	EA 5/8" x 5/8" x 5/8" Brass Push-Fit Tee.....	59.37	22.28
	Note: (Sharkbite)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 11 16 00-0875	EA		3/4" x 3/4" x 3/4" Brass Push-Fit Tee Note: (Sharkbite)	54.19	23.79
22 11 16 00-0876	EA		1" x 1" x 1" Brass Push-Fit Tee Note: (Sharkbite)	74.35	28.43
22 11 16 00-0877	EA		1/2" x 1/2" x 1/4" Brass Push-Fit Reducing Tee Note: (Sharkbite)	52.34	19.73
22 11 16 00-0878	EA		1/2" x 1/2" x 3/8" Brass Push-Fit Reducing Tee Note: (Sharkbite)	52.61	20.12
22 11 16 00-0879	EA		3/4" x 3/4" x 1/2" Brass Push-Fit Reducing Tee Note: (Sharkbite)	52.33	22.84
22 11 16 00-0880	EA		1" x 1" x 3/4" Brass Push-Fit Reducing Tee Note: (Sharkbite)	72.17	26.89
22 11 16 00-0881	EA		1/4" x 1/2" Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	30.15	12.77
22 11 16 00-0882	EA		3/8" x 1/2" Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	29.76	13.15
22 11 16 00-0883	EA		1/2" x 1/2" Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	29.34	13.93
22 11 16 00-0884	EA		3/4" x 3/4" Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	33.61	15.87
22 11 16 00-0885	EA		1" x 1" Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	47.45	18.96
22 11 16 00-0886	EA		1/4" x 1/2" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	26.26	12.77
22 11 16 00-0887	EA		3/8" x 1/2" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	29.76	13.15
22 11 16 00-0888	EA		1/2" x 1/2" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	29.43	13.93
22 11 16 00-0889	EA		3/4" x 3/4" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	33.26	15.87
22 11 16 00-0890	EA		5/8" x 3/4" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	36.27	15.35
22 11 16 00-0891	EA		1" x 3/4" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	43.59	17.41
22 11 16 00-0892	EA		1" x 1" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	48.17	18.96
22 11 16 00-0893	EA		1/2" Brass Push-Fit Ball Valve Note: (Sharkbite)	42.78	13.93
22 11 16 00-0894	EA		3/4" Brass Push-Fit Ball Valve Note: (Sharkbite)	50.04	15.87
22 11 16 00-0895	EA		1" Brass Push-Fit Ball Valve Note: (Sharkbite)	66.24	18.96
22 11 16 00-0896	EA		1/2" Brass Push-Fit Check Valve Note: (Sharkbite)	45.90	13.93
22 11 16 00-0897	EA		3/4" Brass Push-Fit Check Valve Note: (Sharkbite)	55.31	15.87
22 11 16 00-0898	EA		1" Brass Push-Fit Check Valve Note: (Sharkbite)	93.65	18.96

22 11 16 00-0899 Copper Pipe Assemblies (22 11 16)

Note: Includes hangers and all coupling, elbow, tee and reducer fittings. All fittings are based on 95/5 solder. All hangers are complete assemblies installed in accordance with MSS SP 58 and 69. Excludes insulation. Not for use where detail is available.

22 11 16 00-0900	LF		1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	22.48	3.25
			<i>For Type K Tubing Instead Of Type L, Add</i>	1.48	
			<i>For Type M Tubing Instead Of Type L, Deduct</i>	-1.25	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	2.94	
			<i>For For Brazed Fittings, Add</i>	0.73	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.03	
			<i>For Work In Restricted Working Space, Add</i>	5.45	
22 11 16 00-0901	LF		3/4" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	25.94	4.18
			<i>For Type K Tubing Instead Of Type L, Add</i>	1.76	
			<i>For Type M Tubing Instead Of Type L, Deduct</i>	-1.47	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.36	
			<i>For For Brazed Fittings, Add</i>	0.82	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.33	
			<i>For Work In Restricted Working Space, Add</i>	6.17	
22 11 16 00-0902	LF		1" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	28.55	4.99
			<i>For Type K Tubing Instead Of Type L, Add</i>	2.08	
			<i>For Type M Tubing Instead Of Type L, Deduct</i>	-1.70	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.58	
			<i>For For Brazed Fittings, Add</i>	0.86	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.51	
			<i>For Work In Restricted Working Space, Add</i>	6.47	

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22 11 16 00-0903 LF 1-1/4" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	32.12	5.80
<i>For Type K Tubing Instead Of Type L, Add</i>	2.59	
<i>For Type M Tubing Instead Of Type L, Deduct</i>	-2.06	
<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.85	
<i>For For Brazed Fittings, Add</i>	0.90	
<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.73	
<i>For Work In Restricted Working Space, Add</i>	6.72	
<i>For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct</i>	-0.97	
22 11 16 00-0904 LF 1-1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	35.70	6.62
<i>For Type K Tubing Instead Of Type L, Add</i>	3.02	
<i>For Type M Tubing Instead Of Type L, Deduct</i>	-2.37	
<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	4.17	
<i>For For Brazed Fittings, Add</i>	0.96	
<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.98	
<i>For Work In Restricted Working Space, Add</i>	7.17	
<i>For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct</i>	-1.18	
22 11 16 00-0905 LF 2" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	44.85	8.24
<i>For Type K Tubing Instead Of Type L, Add</i>	4.13	
<i>For Type M Tubing Instead Of Type L, Deduct</i>	-3.18	
<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	4.99	
<i>For For Brazed Fittings, Add</i>	1.10	
<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.62	
<i>For Work In Restricted Working Space, Add</i>	8.25	
<i>For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct</i>	-1.74	
22 11 16 00-0906 LF 2-1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	54.87	9.94
<i>For Type K Tubing Instead Of Type L, Add</i>	5.60	
<i>For Type M Tubing Instead Of Type L, Deduct</i>	-4.22	
<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.69	
<i>For For Brazed Fittings, Add</i>	1.18	
<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.22	
<i>For Work In Restricted Working Space, Add</i>	8.85	
<i>For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct</i>	-2.54	
22 11 16 00-0907 LF 3" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	66.70	11.54
<i>For Type K Tubing Instead Of Type L, Add</i>	7.34	
<i>For Type M Tubing Instead Of Type L, Deduct</i>	-5.45	
<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	6.53	
<i>For For Brazed Fittings, Add</i>	1.28	
<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.93	
<i>For Work In Restricted Working Space, Add</i>	9.58	
<i>For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct</i>	-3.48	
22 11 16 00-0908 LF 4" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	103.75	15.28
<i>For Type K Tubing Instead Of Type L, Add</i>	12.54	
<i>For Type M Tubing Instead Of Type L, Deduct</i>	-9.15	
<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	9.32	
<i>For For Brazed Fittings, Add</i>	1.65	
<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-7.25	
<i>For Work In Restricted Working Space, Add</i>	12.39	
<i>For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct</i>	-6.25	
22 11 16 00-0909 LF 5" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	186.72	19.03
<i>For Type K Tubing Instead Of Type L, Add</i>	25.44	
<i>For Type M Tubing Instead Of Type L, Deduct</i>	-18.17	
<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	14.64	
<i>For For Brazed Fittings, Add</i>	2.12	
<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-11.99	
<i>For Work In Restricted Working Space, Add</i>	15.90	
<i>For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct</i>	-13.37	
22 11 16 00-0910 LF 6" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	244.10	22.98
<i>For Type K Tubing Instead Of Type L, Add</i>	33.52	
<i>For Type M Tubing Instead Of Type L, Deduct</i>	-23.91	
<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	18.94	
<i>For For Brazed Fittings, Add</i>	2.69	
<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-15.57	
<i>For Work In Restricted Working Space, Add</i>	20.20	
<i>For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct</i>	-17.68	
22 11 16 00-0911 LF 8" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	542.71	27.47
<i>For Type K Tubing Instead Of Type L, Add</i>	83.40	
<i>For Type M Tubing Instead Of Type L, Deduct</i>	-58.43	
<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	35.50	
<i>For For Brazed Fittings, Add</i>	3.35	
<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-31.32	
<i>For Work In Restricted Working Space, Add</i>	25.10	
<i>For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct</i>	-45.90	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 11 16 00-0912			Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe And Fittings <small>(22 11 16)</small> Note: Socket weld.		
22 11 16 00-0913			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe And Fittings <small>(22 11 16 00-0912)</small>		
22 11 16 00-0914			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pipe <small>(22 11 16 00-0913)</small>		
22 11 16 00-0915	LF	1/2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	7.93 1.28	1.71
22 11 16 00-0916	LF	3/4"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	9.49 1.35	1.79
22 11 16 00-0917	LF	1"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	12.17 1.45	1.93
22 11 16 00-0918	LF	1-1/4"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	15.41 1.58	2.11
22 11 16 00-0919	LF	1-1/2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	18.09 1.75	2.33
22 11 16 00-0920	LF	2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	23.50 1.95	2.61
22 11 16 00-0921	LF	2-1/2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	33.39 2.22	2.96
22 11 16 00-0922	LF	3"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	43.47 2.63	3.51
22 11 16 00-0923	LF	4"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	61.69 3.23	4.31
22 11 16 00-0924	LF	6"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	112.18 4.11	5.47
22 11 16 00-0925	LF	8"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	163.24 5.39	7.18
22 11 16 00-0926			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbows <small>(22 11 16 00-0913)</small>		
22 11 16 00-0927	EA	1/2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	26.02 6.09	8.12
22 11 16 00-0928	EA	3/4"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	34.54 7.70	10.26
22 11 16 00-0929	EA	1"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	46.21 9.65	12.82
22 11 16 00-0930	EA	1-1/4"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	67.23 12.06	16.04
22 11 16 00-0931	EA	1-1/2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	74.99 13.34	17.74
22 11 16 00-0932	EA	2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	90.75 14.88	17.74
22 11 16 00-0933	EA	2-1/2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	163.63 16.93	22.55
22 11 16 00-0934	EA	3"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	183.18 20.01	26.73
22 11 16 00-0935	EA	4"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	276.35 24.63	32.81
22 11 16 00-0936	EA	6"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	347.82 31.30	41.68
22 11 16 00-0937	EA	8"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	732.76 41.05	54.73
22 11 16 00-0938			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbows <small>(22 11 16 00-0913)</small>		
22 11 16 00-0939	EA	1/2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	28.87 6.09	8.12
22 11 16 00-0940	EA	3/4"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	37.96 7.70	10.26
22 11 16 00-0941	EA	1"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	51.76 9.65	12.82
22 11 16 00-0942	EA	1-1/4"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	74.53 12.06	16.04
22 11 16 00-0943	EA	1-1/2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	83.87 13.34	17.74
22 11 16 00-0944	EA	2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	93.76 14.88	19.89
22 11 16 00-0945	EA	2-1/2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	165.53 16.93	22.55
22 11 16 00-0946	EA	3"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	182.94 20.01	26.73
22 11 16 00-0947	EA	4"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	241.55 24.63	32.81
22 11 16 00-0948	EA	6"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	413.07 31.30	41.68
22 11 16 00-0949	EA	8"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	778.99 41.05	54.73
22 11 16 00-0950			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tees <small>(22 11 16 00-0913)</small>		
22 11 16 00-0951	EA	1/2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	40.85 9.14	12.19
22 11 16 00-0952	EA	3/4"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	55.06 11.54	15.39

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0953	EA		1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	68.69 14.49	19.35
22 11 16 00-0954	EA		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	103.25 18.08	24.16
22 11 16 00-0955	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	115.94 20.01	26.73
22 11 16 00-0956	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	147.84 22.32	29.72
22 11 16 00-0957	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	205.32 25.40	33.89
22 11 16 00-0958	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	231.32 30.01	39.97
22 11 16 00-0959	EA		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	278.22 36.94	49.27
22 11 16 00-0960	EA		6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	459.53 46.94	62.64
22 11 16 00-0961	EA		8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	1,072.80 61.57	82.09
22 11 16 00-0962			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Crosses <small>(22 11 16 00-0913)</small>		
22 11 16 00-0963	EA		1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	49.57 12.19	16.25
22 11 16 00-0964	EA		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	65.58 15.39	20.52
22 11 16 00-0965	EA		1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	81.91 19.31	25.76
22 11 16 00-0966	EA		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	117.40 24.11	32.17
22 11 16 00-0967	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	131.35 26.68	35.59
22 11 16 00-0968	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	162.46 29.76	39.66
22 11 16 00-0969	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	216.80 33.86	45.11
22 11 16 00-0970	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	246.47 40.02	53.34
22 11 16 00-0971	EA		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	297.76 49.25	65.63
22 11 16 00-0972	EA		6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	469.66 62.59	83.48
22 11 16 00-0973	EA		8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	1,020.90 82.09	109.45
22 11 16 00-0974			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld Reducing Inserts <small>(22 11 16 00-0913)</small>		
22 11 16 00-0975	EA		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	22.22 5.64	7.48
22 11 16 00-0976	EA		1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	31.99 7.60	10.15
22 11 16 00-0977	EA		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	63.58 9.94	13.26
22 11 16 00-0978	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	72.58 11.00	14.65
22 11 16 00-0979	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	88.12 12.28	16.35
22 11 16 00-0980	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	93.78 13.98	18.60
22 11 16 00-0981	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	115.46 16.51	22.02
22 11 16 00-0982	EA		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	164.58 20.33	27.04
22 11 16 00-0983	EA		6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	292.29 25.82	34.42
22 11 16 00-0984	EA		8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	733.39 33.86	45.11
22 11 16 00-0985			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Thread Reducing Inserts <small>(22 11 16 00-0913)</small>		
22 11 16 00-0986	EA		1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert <i>For Work In Restricted Working Space, Add</i>	35.72 4.01	5.35
22 11 16 00-0987	EA		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert <i>For Work In Restricted Working Space, Add</i>	42.91 5.64	7.48
22 11 16 00-0988	EA		1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert <i>For Work In Restricted Working Space, Add</i>	51.18 7.60	10.15
22 11 16 00-0989	EA		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert <i>For Work In Restricted Working Space, Add</i>	61.92 9.94	13.26
22 11 16 00-0990	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert <i>For Work In Restricted Working Space, Add</i>	75.04 11.00	14.65
22 11 16 00-0991	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert <i>For Work In Restricted Working Space, Add</i>	100.33 12.28	16.35

MINOR	CSI	UOM	DESCRIPTION
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TOTAL DIRECT	DEMOLITION
UNIT COST	UNIT COST

22 11 16 00-0992	EA	2-1/2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert.....	173.55	18.60
			<i>For Work In Restricted Working Space, Add</i>	13.98	
22 11 16 00-0993	EA	3"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert.....	386.63	22.02
			<i>For Work In Restricted Working Space, Add</i>	16.51	
22 11 16 00-0994	EA	4"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert.....	590.36	27.04
			<i>For Work In Restricted Working Space, Add</i>	20.33	
22 11 16 00-0995 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters (22 11 16 00-0913)					
22 11 16 00-0996	EA	1/2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	21.92	5.35
			<i>For Work In Restricted Working Space, Add</i>	4.01	
22 11 16 00-0997	EA	3/4"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	30.39	7.48
			<i>For Work In Restricted Working Space, Add</i>	5.64	
22 11 16 00-0998	EA	1"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	44.84	10.15
			<i>For Work In Restricted Working Space, Add</i>	7.60	
22 11 16 00-0999	EA	1-1/4"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	61.92	13.26
			<i>For Work In Restricted Working Space, Add</i>	9.94	
22 11 16 00-1000	EA	1-1/2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	75.60	14.65
			<i>For Work In Restricted Working Space, Add</i>	11.00	
22 11 16 00-1001	EA	2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	93.59	16.35
			<i>For Work In Restricted Working Space, Add</i>	12.28	
22 11 16 00-1002	EA	2-1/2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	146.27	18.60
			<i>For Work In Restricted Working Space, Add</i>	13.98	
22 11 16 00-1003	EA	3"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	175.56	22.02
			<i>For Work In Restricted Working Space, Add</i>	16.51	
22 11 16 00-1004	EA	4"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	271.53	27.04
			<i>For Work In Restricted Working Space, Add</i>	20.33	
22 11 16 00-1005 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters (22 11 16 00-0913)					
22 11 16 00-1006	EA	1/2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters.....	25.18	5.35
			<i>For Work In Restricted Working Space, Add</i>	4.01	
22 11 16 00-1007	EA	3/4"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters.....	31.42	7.48
			<i>For Work In Restricted Working Space, Add</i>	5.64	
22 11 16 00-1008	EA	1"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters.....	45.11	10.15
			<i>For Work In Restricted Working Space, Add</i>	7.60	
22 11 16 00-1009	EA	1-1/4"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters.....	62.87	13.26
			<i>For Work In Restricted Working Space, Add</i>	9.94	
22 11 16 00-1010	EA	1-1/2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters.....	71.23	14.65
			<i>For Work In Restricted Working Space, Add</i>	11.00	
22 11 16 00-1011	EA	2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters.....	90.02	16.35
			<i>For Work In Restricted Working Space, Add</i>	12.28	
22 11 16 00-1012	EA	2-1/2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters.....	148.33	18.60
			<i>For Work In Restricted Working Space, Add</i>	13.98	
22 11 16 00-1013	EA	3"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters.....	211.56	22.02
			<i>For Work In Restricted Working Space, Add</i>	16.51	
22 11 16 00-1014	EA	4"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters.....	332.74	27.04
			<i>For Work In Restricted Working Space, Add</i>	20.33	
22 11 16 00-1015 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings (22 11 16 00-0913)					
22 11 16 00-1016	EA	1/2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	19.49	4.92
			<i>For Work In Restricted Working Space, Add</i>	3.66	
22 11 16 00-1017	EA	3/4"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	27.41	6.84
			<i>For Work In Restricted Working Space, Add</i>	5.13	
22 11 16 00-1018	EA	1"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	36.86	9.20
			<i>For Work In Restricted Working Space, Add</i>	6.89	
22 11 16 00-1019	EA	1-1/4"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	50.84	12.08
			<i>For Work In Restricted Working Space, Add</i>	9.04	
22 11 16 00-1020	EA	1-1/2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	59.43	13.36
			<i>For Work In Restricted Working Space, Add</i>	10.00	
22 11 16 00-1021	EA	2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	67.48	14.86
			<i>For Work In Restricted Working Space, Add</i>	11.16	
22 11 16 00-1022	EA	2-1/2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	114.96	16.88
			<i>For Work In Restricted Working Space, Add</i>	12.70	
22 11 16 00-1023	EA	3"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	123.38	19.99
			<i>For Work In Restricted Working Space, Add</i>	15.01	
22 11 16 00-1024	EA	4"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	157.67	24.58
			<i>For Work In Restricted Working Space, Add</i>	18.47	
22 11 16 00-1025	EA	6"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	267.83	31.32
			<i>For Work In Restricted Working Space, Add</i>	23.47	
22 11 16 00-1026	EA	8"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	486.77	41.04
			<i>For Work In Restricted Working Space, Add</i>	30.78	
22 11 16 00-1027 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions (22 11 16 00-0913)					
22 11 16 00-1028	EA	1/2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions.....	45.73	5.88
			<i>For Work In Restricted Working Space, Add</i>	4.40	
22 11 16 00-1029	EA	3/4"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions.....	53.11	8.23
			<i>For Work In Restricted Working Space, Add</i>	6.16	
22 11 16 00-1030	EA	1"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions.....	61.20	11.01
			<i>For Work In Restricted Working Space, Add</i>	8.27	
22 11 16 00-1031	EA	1-1/4"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions.....	115.18	14.43
			<i>For Work In Restricted Working Space, Add</i>	10.84	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1032	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions <i>For Work In Restricted Working Space, Add</i>	120.45 11.99	16.04
22 11 16 00-1033	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions <i>For Work In Restricted Working Space, Add</i>	178.20 13.40	17.85
22 11 16 00-1034	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions <i>For Work In Restricted Working Space, Add</i>	327.65 15.23	20.31
22 11 16 00-1035	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions <i>For Work In Restricted Working Space, Add</i>	478.49 18.02	24.05
22 11 16 00-1036	EA		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions <i>For Work In Restricted Working Space, Add</i>	785.17 22.16	29.51
22 11 16 00-1037	EA		6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions <i>For Work In Restricted Working Space, Add</i>	1,054.52 28.16	37.51
22 11 16 00-1038	EA		8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions <i>For Work In Restricted Working Space, Add</i>	1,296.61 36.94	49.27
22 11 16 00-1039			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Caps <small>(22 11 16 00-0913)</small>		
22 11 16 00-1040	EA		1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	19.13 2.29	5.03
22 11 16 00-1041	EA		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	25.95 2.89	6.31
22 11 16 00-1042	EA		1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	40.93 3.62	7.91
22 11 16 00-1043	EA		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	46.71 4.52	5.98
22 11 16 00-1044	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	48.95 5.00	6.63
22 11 16 00-1045	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	70.56 5.58	7.48
22 11 16 00-1046	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	114.72 6.35	8.44
22 11 16 00-1047	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	120.72 7.50	10.04
22 11 16 00-1048	EA		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	192.21 9.23	12.29
22 11 16 00-1049	EA		6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	440.80 11.74	15.60
22 11 16 00-1050	EA		8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	567.08 15.39	20.52
22 11 16 00-1051			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <small>(22 11 16 00-0913)</small>		
22 11 16 00-1052	EA		1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	37.48 2.92	3.85
22 11 16 00-1053	EA		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	43.42 4.10	5.45
22 11 16 00-1054	EA		1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	51.52 5.51	7.37
22 11 16 00-1055	EA		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	58.25 7.25	9.62
22 11 16 00-1056	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	61.62 8.02	10.69
22 11 16 00-1057	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	76.11 8.92	11.87
22 11 16 00-1058	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	106.29 10.17	13.58
22 11 16 00-1059	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	118.94 11.99	16.04
22 11 16 00-1060	EA		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	149.33 14.78	19.66
22 11 16 00-1061	EA		6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	219.95 18.79	25.01
22 11 16 00-1062	EA		8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	436.99 24.63	32.81
22 11 16 00-1063			Red Brass Pipe And Fittings <small>(22 11 16)</small>		
			Note: ASTM B43 And B251 (Pipe), ASME B16.15.		
22 11 16 00-1064			Schedule 40 Red Brass Pipe <small>(22 11 16 00-1063)</small>		
22 11 16 00-1065	LF		1/2" Schedule 40 Red Brass Pipe	29.01	2.25
22 11 16 00-1066	LF		3/4" Schedule 40 Red Brass Pipe	38.41	2.25
22 11 16 00-1067	LF		1" Schedule 40 Red Brass Pipe	52.41	2.25
22 11 16 00-1068	LF		1-1/4" Schedule 40 Red Brass Pipe	76.84	2.46
22 11 16 00-1069	LF		1-1/2" Schedule 40 Red Brass Pipe	88.49	2.67
22 11 16 00-1070	LF		2" Schedule 40 Red Brass Pipe	113.41	3.20
22 11 16 00-1071	LF		2-1/2" Schedule 40 Red Brass Pipe	164.90	3.64
22 11 16 00-1072	LF		3" Schedule 40 Red Brass Pipe	232.95	3.85
22 11 16 00-1073	LF		4" Schedule 40 Red Brass Pipe	333.88	3.85
22 11 16 00-1074			125 LB Cast Bronze, Screwed, 90 Degree Elbows <small>(22 11 16 00-1063)</small>		
22 11 16 00-1075	EA		1/2" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	62.21	26.61
22 11 16 00-1076	EA		3/4" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	70.54	29.28
22 11 16 00-1077	EA		1" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	88.70	34.63
22 11 16 00-1078	EA		1-1/4" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	106.06	37.19
22 11 16 00-1079	EA		1-1/2" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	118.88	39.87

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 11 16 00-1080	EA	2"	125 LB Cast Bronze, Screwed, 90 Degree Elbow	148.21	42.54
22 11 16 00-1081	EA	2-1/2"	125 LB Cast Bronze, Screwed, 90 Degree Elbow	252.18	53.23
22 11 16 00-1082	EA	3"	125 LB Cast Bronze, Screwed, 90 Degree Elbow	350.29	63.81
22 11 16 00-1083	EA	4"	125 LB Cast Bronze, Screwed, 90 Degree Elbow	620.94	85.08

22 11 16 00-1084 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbows (22 11 16 00-1063)

22 11 16 00-1085	EA	1/2"	125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	65.22	26.61
22 11 16 00-1086	EA	3/4"	125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	74.91	29.28
22 11 16 00-1087	EA	1"	125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	97.85	34.63
22 11 16 00-1088	EA	1-1/4"	125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	118.05	37.19
22 11 16 00-1089	EA	1-1/2"	125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	135.39	39.87
22 11 16 00-1090	EA	2"	125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	184.27	42.54
22 11 16 00-1091	EA	2-1/2"	125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	282.21	53.23
22 11 16 00-1092	EA	3"	125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	442.62	63.81
22 11 16 00-1093	EA	4"	125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	882.22	85.08

22 11 16 00-1094 125 LB Cast Bronze, Screwed, 45 Degree Elbows (22 11 16 00-1063)

22 11 16 00-1095	EA	1/2"	125 LB Cast Bronze, Screwed, 45 Degree Elbow	63.74	26.61
22 11 16 00-1096	EA	3/4"	125 LB Cast Bronze, Screwed, 45 Degree Elbow	73.53	29.28
22 11 16 00-1097	EA	1"	125 LB Cast Bronze, Screwed, 45 Degree Elbow	94.72	34.63
22 11 16 00-1098	EA	1-1/4"	125 LB Cast Bronze, Screwed, 45 Degree Elbow	115.07	37.19
22 11 16 00-1099	EA	1-1/2"	125 LB Cast Bronze, Screwed, 45 Degree Elbow	130.88	39.87
22 11 16 00-1100	EA	2"	125 LB Cast Bronze, Screwed, 45 Degree Elbow	167.74	42.54
22 11 16 00-1101	EA	2-1/2"	125 LB Cast Bronze, Screwed, 45 Degree Elbow	264.15	53.23
22 11 16 00-1102	EA	3"	125 LB Cast Bronze, Screwed, 45 Degree Elbow	370.79	63.81
22 11 16 00-1103	EA	4"	125 LB Cast Bronze, Screwed, 45 Degree Elbow	821.51	85.08

22 11 16 00-1104 125 LB Cast Bronze, Screwed, Tees (22 11 16 00-1063)

22 11 16 00-1105	EA	1/2"	125 LB Cast Bronze, Screwed, Tee	90.33	39.87
22 11 16 00-1106	EA	3/4"	125 LB Cast Bronze, Screwed, Tee	102.25	43.61
22 11 16 00-1107	EA	1"	125 LB Cast Bronze, Screwed, Tee	130.27	51.63
22 11 16 00-1108	EA	1-1/4"	125 LB Cast Bronze, Screwed, Tee	158.31	55.90
22 11 16 00-1109	EA	1-1/2"	125 LB Cast Bronze, Screwed, Tee	171.75	59.53
22 11 16 00-1110	EA	2"	125 LB Cast Bronze, Screwed, Tee	214.81	63.81
22 11 16 00-1111	EA	2-1/2"	125 LB Cast Bronze, Screwed, Tee	357.91	79.84
22 11 16 00-1112	EA	3"	125 LB Cast Bronze, Screwed, Tee	494.69	95.77
22 11 16 00-1113	EA	4"	125 LB Cast Bronze, Screwed, Tee	1,006.53	127.62

22 11 16 00-1114 125 LB Cast Bronze, Screwed, Reducing Tees (22 11 16 00-1063)

22 11 16 00-1115	EA	1/2"	125 LB Cast Bronze, Screwed, Reducing Tee	94.82	39.87
22 11 16 00-1116	EA	3/4"	125 LB Cast Bronze, Screwed, Reducing Tee	105.28	43.61
22 11 16 00-1117	EA	1"	125 LB Cast Bronze, Screwed, Reducing Tee	142.29	51.63
22 11 16 00-1118	EA	1-1/4"	125 LB Cast Bronze, Screwed, Reducing Tee	167.32	55.90
22 11 16 00-1119	EA	1-1/2"	125 LB Cast Bronze, Screwed, Reducing Tee	195.79	59.53
22 11 16 00-1120	EA	2"	125 LB Cast Bronze, Screwed, Reducing Tee	252.37	63.81
22 11 16 00-1121	EA	2-1/2"	125 LB Cast Bronze, Screwed, Reducing Tee	430.96	79.84
22 11 16 00-1122	EA	3"	125 LB Cast Bronze, Screwed, Reducing Tee	812.13	95.77
22 11 16 00-1123	EA	4"	125 LB Cast Bronze, Screwed, Reducing Tee	1,256.92	127.62

22 11 16 00-1124 125 LB Cast Bronze, Screwed, Crosses (22 11 16 00-1063)

22 11 16 00-1125	EA	1/2"	125 LB Cast Bronze, Screwed, Cross	127.45	53.23
22 11 16 00-1126	EA	3/4"	125 LB Cast Bronze, Screwed, Cross	147.09	58.47
22 11 16 00-1127	EA	1"	125 LB Cast Bronze, Screwed, Cross	184.90	69.15
22 11 16 00-1128	EA	1-1/4"	125 LB Cast Bronze, Screwed, Cross	227.78	74.50
22 11 16 00-1129	EA	1-1/2"	125 LB Cast Bronze, Screwed, Cross	268.17	79.84
22 11 16 00-1130	EA	2"	125 LB Cast Bronze, Screwed, Cross	387.32	85.08
22 11 16 00-1131	EA	2-1/2"	125 LB Cast Bronze, Screwed, Cross	623.50	106.36
22 11 16 00-1132	EA	3"	125 LB Cast Bronze, Screwed, Cross	857.81	127.62
22 11 16 00-1133	EA	4"	125 LB Cast Bronze, Screwed, Cross	1,572.63	170.27

22 11 16 00-1134 125 LB Cast Bronze, Screwed, Caps (22 11 16 00-1063)

22 11 16 00-1135	EA	1/2"	125 LB Cast Bronze, Screwed, Cap	29.94	15.82
22 11 16 00-1136	EA	3/4"	125 LB Cast Bronze, Screwed, Cap	33.86	17.43
22 11 16 00-1137	EA	1"	125 LB Cast Bronze, Screwed, Cap	44.76	20.52
22 11 16 00-1138	EA	1-1/4"	125 LB Cast Bronze, Screwed, Cap	57.54	22.12
22 11 16 00-1139	EA	1-1/2"	125 LB Cast Bronze, Screwed, Cap	67.49	23.73
22 11 16 00-1140	EA	2"	125 LB Cast Bronze, Screwed, Cap	92.40	25.33
22 11 16 00-1141	EA	2-1/2"	125 LB Cast Bronze, Screwed, Cap	147.01	31.64
22 11 16 00-1142	EA	3"	125 LB Cast Bronze, Screwed, Cap	210.73	37.95
22 11 16 00-1143	EA	4"	125 LB Cast Bronze, Screwed, Cap	368.91	50.56

22 11 16 00-1144 125 LB Cast Bronze, Screwed, Couplings (22 11 16 00-1063)

22 11 16 00-1145	EA	1/2"	125 LB Cast Bronze, Screwed, Coupling	60.73	26.61
22 11 16 00-1146	EA	3/4"	125 LB Cast Bronze, Screwed, Coupling	69.06	29.28
22 11 16 00-1147	EA	1"	125 LB Cast Bronze, Screwed, Coupling	87.19	34.63
22 11 16 00-1148	EA	1-1/4"	125 LB Cast Bronze, Screwed, Coupling	104.53	37.19
22 11 16 00-1149	EA	1-1/2"	125 LB Cast Bronze, Screwed, Coupling	118.88	39.87

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1150	EA		2" 125 LB Cast Bronze, Screwed, Coupling	149.72	42.54
22 11 16 00-1151	EA		2-1/2" 125 LB Cast Bronze, Screwed, Coupling	211.58	53.23
22 11 16 00-1152	EA		3" 125 LB Cast Bronze, Screwed, Coupling	273.45	63.81
22 11 16 00-1153	EA		4" 125 LB Cast Bronze, Screwed, Coupling	470.69	85.08
22 11 16 00-1154			125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducers		
			<small>(22 11 16 00-1063)</small>		
22 11 16 00-1155	EA		1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	53.58	21.28
22 11 16 00-1156	EA		3/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	61.19	23.94
22 11 16 00-1157	EA		1" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	83.03	31.96
22 11 16 00-1158	EA		1-1/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	99.11	34.63
22 11 16 00-1159	EA		1-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	112.22	37.19
22 11 16 00-1160	EA		2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	135.63	39.87
22 11 16 00-1161	EA		2-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	197.53	50.56
22 11 16 00-1162	EA		3" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	239.58	58.47
22 11 16 00-1163	EA		4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	416.34	77.17
22 11 16 00-1164			125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducers		
			<small>(22 11 16 00-1063)</small>		
22 11 16 00-1165	EA		3/4" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	54.82	21.28
22 11 16 00-1166	EA		1" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	98.88	29.28
22 11 16 00-1167	EA		1-1/4" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	129.62	31.96
22 11 16 00-1168	EA		1-1/2" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	151.70	34.63
22 11 16 00-1169	EA		2" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	202.27	39.87
22 11 16 00-1170	EA		2-1/2" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	311.15	50.56
22 11 16 00-1171	EA		3" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	375.83	53.23
22 11 16 00-1172	EA		4" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	426.81	69.15
22 11 16 00-1173			125 LB Cast Bronze, FIP Threaded, Unions		
			<small>(22 11 16 00-1063)</small>		
22 11 16 00-1174	EA		1/2" 125 LB Cast Bronze, FIP Threaded, Union	66.60	21.28
			<i>For 150 LB, Add</i>	9.62	
22 11 16 00-1175	EA		3/4" 125 LB Cast Bronze, FIP Threaded, Union	79.86	23.41
			<i>For 150 LB, Add</i>	13.22	
22 11 16 00-1176	EA		1" 125 LB Cast Bronze, FIP Threaded, Union	98.90	27.68
			<i>For 150 LB, Add</i>	17.43	
22 11 16 00-1177	EA		1-1/4" 125 LB Cast Bronze, FIP Threaded, Union	122.66	29.82
			<i>For 150 LB, Add</i>	25.23	
22 11 16 00-1178	EA		1-1/2" 125 LB Cast Bronze, FIP Threaded, Union	138.99	31.96
			<i>For 150 LB, Add</i>	30.06	
22 11 16 00-1179	EA		2" 125 LB Cast Bronze, FIP Threaded, Union	164.15	36.12
			<i>For 150 LB, Add</i>	36.72	
22 11 16 00-1180	EA		2-1/2" 125 LB Cast Bronze, FIP Threaded, Union	283.38	53.44
			<i>For 150 LB, Add</i>	70.60	
			<i>For 250 LB, Add</i>	150.02	
			<i>For 300 LB, Add</i>	211.79	
22 11 16 00-1181	EA		3" 125 LB Cast Bronze, FIP Threaded, Union	413.25	70.27
			<i>For 150 LB, Add</i>	109.08	
			<i>For 250 LB, Add</i>	231.79	
			<i>For 300 LB, Add</i>	327.23	
22 11 16 00-1182	EA		4" 125 LB Cast Bronze, FIP Threaded, Union	757.24	77.81
			<i>For 150 LB, Add</i>	240.60	
			<i>For 250 LB, Add</i>	511.28	
			<i>For 300 LB, Add</i>	721.80	
22 11 16 00-1183			125 LB Cast Bronze, Screwed, Companion Flanges		
			<small>(22 11 16 00-1063)</small>		
			Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.		
22 11 16 00-1184	EA		1/2" 125 LB Cast Bronze, Screwed, Companion Flange	186.39	26.61
22 11 16 00-1185	EA		3/4" 125 LB Cast Bronze, Screwed, Companion Flange	203.17	31.96
22 11 16 00-1186	EA		1" 125 LB Cast Bronze, Screwed, Companion Flange	232.89	37.19
22 11 16 00-1187	EA		1-1/4" 125 LB Cast Bronze, Screwed, Companion Flange	265.54	39.87
22 11 16 00-1188	EA		1-1/2" 125 LB Cast Bronze, Screwed, Companion Flange	314.54	42.54
22 11 16 00-1189	EA		2" 125 LB Cast Bronze, Screwed, Companion Flange	396.40	45.21
22 11 16 00-1190	EA		2-1/2" 125 LB Cast Bronze, Screwed, Companion Flange	499.75	53.23
22 11 16 00-1191	EA		3" 125 LB Cast Bronze, Screwed, Companion Flange	619.22	66.49
22 11 16 00-1192	EA		4" 125 LB Cast Bronze, Screwed, Companion Flange	882.73	93.10
22 11 16 00-1193			125 LB Cast Bronze, Screwed, Square Head Plugs		
			<small>(22 11 16 00-1063)</small>		
22 11 16 00-1194	EA		1/2" 125 LB Cast Bronze, Screwed, Square Head Plug	18.34	
22 11 16 00-1195	EA		3/4" 125 LB Cast Bronze, Screwed, Square Head Plug	18.90	
22 11 16 00-1196	EA		1" 125 LB Cast Bronze, Screwed, Square Head Plug	29.12	
22 11 16 00-1197	EA		1-1/4" 125 LB Cast Bronze, Screwed, Square Head Plug	33.63	
22 11 16 00-1198	EA		1-1/2" 125 LB Cast Bronze, Screwed, Square Head Plug	38.29	
22 11 16 00-1199	EA		2" 125 LB Cast Bronze, Screwed, Square Head Plug	57.54	
22 11 16 00-1200	EA		2-1/2" 125 LB Cast Bronze, Screwed, Square Head Plug	87.11	
22 11 16 00-1201	EA		3" 125 LB Cast Bronze, Screwed, Square Head Plug	127.62	
22 11 16 00-1202	EA		4" 125 LB Cast Bronze, Screwed, Square Head Plug	214.24	
22 11 16 00-1203			125 LB Cast Bronze, Screwed, Counter Sunk Plugs		
			<small>(22 11 16 00-1063)</small>		
22 11 16 00-1204	EA		1/2" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	7.53	
22 11 16 00-1205	EA		3/4" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	9.01	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 11 16 00-1206	EA	1"	125 LB Cast Bronze, Screwed, Counter Sunk Plug.....	13.55	
22 11 16 00-1207	EA	1-1/4"	125 LB Cast Bronze, Screwed, Counter Sunk Plug	21.05	
22 11 16 00-1208	EA	1-1/2"	125 LB Cast Bronze, Screwed, Counter Sunk Plug	33.33	
22 11 16 00-1209	EA	2"	125 LB Cast Bronze, Screwed, Counter Sunk Plug.....	51.66	
22 11 16 00-1210	EA	2-1/2"	125 LB Cast Bronze, Screwed, Counter Sunk Plug	100.55	
22 11 16 00-1211	EA	3"	125 LB Cast Bronze, Screwed, Counter Sunk Plug.....	162.84	
22 11 16 00-1212	EA	4"	125 LB Cast Bronze, Screwed, Counter Sunk Plug.....	397.15	

22 11 16 00-1213 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushings (22 11 16 00-1063)

22 11 16 00-1214	EA	1/2"	125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing.....	6.00	
22 11 16 00-1215	EA	3/4"	125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing.....	7.53	
22 11 16 00-1216	EA	1"	125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing.....	10.54	
22 11 16 00-1217	EA	1-1/4"	125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	18.04	
22 11 16 00-1218	EA	1-1/2"	125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	25.57	
22 11 16 00-1219	EA	2"	125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing.....	31.59	
22 11 16 00-1220	EA	2-1/2"	125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	79.64	
22 11 16 00-1221	EA	3"	125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing.....	117.23	
22 11 16 00-1222	EA	4"	125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing.....	256.77	

22 11 16 00-1223 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushings (22 11 16 00-1063)

22 11 16 00-1224	EA	1/2"	125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	10.54	
22 11 16 00-1225	EA	3/4"	125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	15.01	
22 11 16 00-1226	EA	1"	125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	26.16	
22 11 16 00-1227	EA	1-1/4"	125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	35.53	
22 11 16 00-1228	EA	1-1/2"	125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	44.42	
22 11 16 00-1229	EA	2"	125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	55.96	
22 11 16 00-1230	EA	2-1/2"	125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	114.26	
22 11 16 00-1231	EA	3"	125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	180.78	
22 11 16 00-1232	EA	4"	125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	379.90	

22 11 16 00-1233 1/2" Red Brass Pipe Nipples (22 11 16 00-1063)

Note: Threaded both ends.

22 11 16 00-1234	EA	1/2" x Close,	Red Brass Pipe Nipple.....	10.80	
22 11 16 00-1235	EA	1/2" x 1-1/2" Long,	Red Brass Pipe Nipple	11.81	
22 11 16 00-1236	EA	1/2" x 2" Long,	Red Brass Pipe Nipple.....	14.46	
22 11 16 00-1237	EA	1/2" x 2-1/2" Long,	Red Brass Pipe Nipple	17.18	
22 11 16 00-1238	EA	1/2" x 3" Long,	Red Brass Pipe Nipple.....	19.91	
22 11 16 00-1239	EA	1/2" x 3-1/2" Long,	Red Brass Pipe Nipple	23.49	
22 11 16 00-1240	EA	1/2" x 4" Long,	Red Brass Pipe Nipple.....	26.34	
22 11 16 00-1241	EA	1/2" x 4-1/2" Long,	Red Brass Pipe Nipple	28.93	
22 11 16 00-1242	EA	1/2" x 5" Long,	Red Brass Pipe Nipple.....	31.65	
22 11 16 00-1243	EA	1/2" x 5-1/2" Long,	Red Brass Pipe Nipple	34.64	
22 11 16 00-1244	EA	1/2" x 6" Long,	Red Brass Pipe Nipple.....	37.29	

22 11 16 00-1245 3/4" Red Brass Pipe Nipples (22 11 16 00-1063)

Note: Threaded both ends.

22 11 16 00-1246	EA	3/4" x Close,	Red Brass Pipe Nipple.....	14.73	
22 11 16 00-1247	EA	3/4" x 1-1/2" Long,	Red Brass Pipe Nipple	15.53	
22 11 16 00-1248	EA	3/4" x 2" Long,	Red Brass Pipe Nipple.....	18.78	
22 11 16 00-1249	EA	3/4" x 2-1/2" Long,	Red Brass Pipe Nipple	22.10	
22 11 16 00-1250	EA	3/4" x 3" Long,	Red Brass Pipe Nipple.....	25.08	
22 11 16 00-1251	EA	3/4" x 3-1/2" Long,	Red Brass Pipe Nipple	28.80	
22 11 16 00-1252	EA	3/4" x 4" Long,	Red Brass Pipe Nipple.....	32.38	
22 11 16 00-1253	EA	3/4" x 4-1/2" Long,	Red Brass Pipe Nipple	36.36	
22 11 16 00-1254	EA	3/4" x 5" Long,	Red Brass Pipe Nipple.....	39.68	
22 11 16 00-1255	EA	3/4" x 5-1/2" Long,	Red Brass Pipe Nipple	45.72	
22 11 16 00-1256	EA	3/4" x 6" Long,	Red Brass Pipe Nipple.....	48.04	

22 11 16 00-1257 1" Red Brass Pipe Nipples (22 11 16 00-1063)

Note: Threaded both ends.

22 11 16 00-1258	EA	1" x Close,	Red Brass Pipe Nipple.....	22.43	
22 11 16 00-1259	EA	1" x 1-1/2" Long,	Red Brass Pipe Nipple	24.68	
22 11 16 00-1260	EA	1" x 2" Long,	Red Brass Pipe Nipple.....	26.94	
22 11 16 00-1261	EA	1" x 2-1/2" Long,	Red Brass Pipe Nipple	32.05	
22 11 16 00-1262	EA	1" x 3" Long,	Red Brass Pipe Nipple.....	36.23	
22 11 16 00-1263	EA	1" x 3-1/2" Long,	Red Brass Pipe Nipple	42.66	
22 11 16 00-1264	EA	1" x 4" Long,	Red Brass Pipe Nipple.....	47.77	
22 11 16 00-1265	EA	1" x 4-1/2" Long,	Red Brass Pipe Nipple	52.82	
22 11 16 00-1266	EA	1" x 5" Long,	Red Brass Pipe Nipple.....	57.99	
22 11 16 00-1267	EA	1" x 5-1/2" Long,	Red Brass Pipe Nipple	63.43	
22 11 16 00-1268	EA	1" x 6" Long,	Red Brass Pipe Nipple.....	68.48	

22 11 16 00-1269 1-1/4" Red Brass Pipe Nipples (22 11 16 00-1063)

Note: Threaded both ends.

22 11 16 00-1270	EA	1-1/4" x Close,	Red Brass Pipe Nipple.....	33.18	
22 11 16 00-1271	EA	1-1/4" x 1-1/2" Long,	Red Brass Pipe Nipple	35.35	
22 11 16 00-1272	EA	1-1/4" x 2" Long,	Red Brass Pipe Nipple.....	38.02	
22 11 16 00-1273	EA	1-1/4" x 2-1/2" Long,	Red Brass Pipe Nipple	45.78	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 11 16 00-1274	EA		1-1/4" x 3" Long, Red Brass Pipe Nipple	53.48	
22 11 16 00-1275	EA		1-1/4" x 3-1/2" Long, Red Brass Pipe Nipple	62.77	
22 11 16 00-1276	EA		1-1/4" x 4" Long, Red Brass Pipe Nipple	70.47	
22 11 16 00-1277	EA		1-1/4" x 4-1/2" Long, Red Brass Pipe Nipple	78.16	
22 11 16 00-1278	EA		1-1/4" x 5" Long, Red Brass Pipe Nipple	85.93	
22 11 16 00-1279	EA		1-1/4" x 5-1/2" Long, Red Brass Pipe Nipple	94.02	
22 11 16 00-1280	EA		1-1/4" x 6" Long, Red Brass Pipe Nipple	101.72	
22 11 16 00-1281			1-1/2" Red Brass Pipe Nipples (22 11 16 00-1063)		
			Note: Threaded both ends.		
22 11 16 00-1282	EA		1-1/2" x Close, Red Brass Pipe Nipple	41.27	
22 11 16 00-1283	EA		1-1/2" x 1-1/2" Long, Red Brass Pipe Nipple	43.07	
22 11 16 00-1284	EA		1-1/2" x 2" Long, Red Brass Pipe Nipple	44.85	
22 11 16 00-1285	EA		1-1/2" x 2-1/2" Long, Red Brass Pipe Nipple	54.54	
22 11 16 00-1286	EA		1-1/2" x 3" Long, Red Brass Pipe Nipple	61.84	
22 11 16 00-1287	EA		1-1/2" x 3-1/2" Long, Red Brass Pipe Nipple	72.72	
22 11 16 00-1288	EA		1-1/2" x 4" Long, Red Brass Pipe Nipple	81.88	
22 11 16 00-1289	EA		1-1/2" x 4-1/2" Long, Red Brass Pipe Nipple	91.37	
22 11 16 00-1290	EA		1-1/2" x 5" Long, Red Brass Pipe Nipple	100.52	
22 11 16 00-1291	EA		1-1/2" x 5-1/2" Long, Red Brass Pipe Nipple	109.48	
22 11 16 00-1292	EA		1-1/2" x 6" Long, Red Brass Pipe Nipple	118.44	
22 11 16 00-1293			2" Red Brass Pipe Nipples (22 11 16 00-1063)		
			Note: Threaded both ends.		
22 11 16 00-1294	EA		2" x Close, Red Brass Pipe Nipple.....	63.43	
22 11 16 00-1295	EA		2" x 1-1/2" Long, Red Brass Pipe Nipple	65.65	
22 11 16 00-1296	EA		2" x 2" Long, Red Brass Pipe Nipple	67.85	
22 11 16 00-1297	EA		2" x 2-1/2" Long, Red Brass Pipe Nipple	70.07	
22 11 16 00-1298	EA		2" x 3" Long, Red Brass Pipe Nipple	79.36	
22 11 16 00-1299	EA		2" x 3-1/2" Long, Red Brass Pipe Nipple	93.56	
22 11 16 00-1300	EA		2" x 4" Long, Red Brass Pipe Nipple	105.10	
22 11 16 00-1301	EA		2" x 4-1/2" Long, Red Brass Pipe Nipple	116.65	
22 11 16 00-1302	EA		2" x 5" Long, Red Brass Pipe Nipple	127.06	
22 11 16 00-1303	EA		2" x 5-1/2" Long, Red Brass Pipe Nipple	140.14	
22 11 16 00-1304	EA		2" x 6" Long, Red Brass Pipe Nipple	151.61	
22 11 16 00-1305			Cross-Linked Polyethylene Tubing, ASTM F877 (22 11 16)		
			Note: Aboveground, domestic water usage.		
22 11 16 00-1306			Cross-Linked Polyethylene Tubing (22 11 16 00-1305)		
22 11 16 00-1307	LF		3/8" Cross-Linked Polyethylene (PEX , XPE or XLPE) Tubing.....	4.93	
			<i>For Work In Restricted Working Space, Add</i>	1.01	
22 11 16 00-1308	LF		1/2" Cross-Linked Polyethylene (PEX , XPE or XLPE) Tubing.....	5.38	
			<i>For Work In Restricted Working Space, Add</i>	1.09	
22 11 16 00-1309	LF		3/4" Cross-Linked Polyethylene (PEX , XPE or XLPE) Tubing.....	7.11	
			<i>For Work In Restricted Working Space, Add</i>	1.18	
22 11 16 00-1310	LF		1" Cross-Linked Polyethylene (PEX , XPE or XLPE) Tubing.....	9.63	
			<i>For Work In Restricted Working Space, Add</i>	1.25	
22 11 16 00-1311			Cross-Linked Polyethylene Forged Brass PEX Fittings (22 11 16 00-1305)		
			Note: Aboveground, domestic water usage.		
22 11 16 00-1312			Male Adapters (22 11 16 00-1311)		
22 11 16 00-1313	EA		3/8" x 1/2", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	22.34	
			<i>For Work In Restricted Working Space, Add</i>	5.22	
22 11 16 00-1314	EA		1/2" x 1/2", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	24.08	
			<i>For Work In Restricted Working Space, Add</i>	5.57	
22 11 16 00-1315	EA		1/2" x 3/4", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	26.39	
			<i>For Work In Restricted Working Space, Add</i>	5.92	
22 11 16 00-1316	EA		3/4" x 3/4", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	27.55	
			<i>For Work In Restricted Working Space, Add</i>	6.27	
22 11 16 00-1317	EA		3/4" x 1/2", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	26.39	
			<i>For Work In Restricted Working Space, Add</i>	5.92	
22 11 16 00-1318	EA		1" x 1", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	34.96	
			<i>For Work In Restricted Working Space, Add</i>	6.97	
22 11 16 00-1319			Female Adapters (22 11 16 00-1311)		
22 11 16 00-1320	EA		1/2" x 1/2", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing	24.65	
			<i>For Work In Restricted Working Space, Add</i>	5.57	
22 11 16 00-1321	EA		1/2" x 3/4", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing	27.97	
			<i>For Work In Restricted Working Space, Add</i>	5.92	
22 11 16 00-1322	EA		3/4" x 3/4", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing	29.13	
			<i>For Work In Restricted Working Space, Add</i>	6.27	
22 11 16 00-1323	EA		3/4" x 1/2", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing	27.97	
			<i>For Work In Restricted Working Space, Add</i>	5.92	
22 11 16 00-1324	EA		1" x 1", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing	35.68	
			<i>For Work In Restricted Working Space, Add</i>	6.97	
22 11 16 00-1325			Tube Adapters (22 11 16 00-1311)		
22 11 16 00-1326	EA		3/8" x 1/2" Forged Brass Tube Adapter For PEX Tubing	20.00	
			<i>For Work In Restricted Working Space, Add</i>	5.22	

22 Plumbing**22 10 Plumbing Piping****22 11 Facility Water Distribution**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1327	EA		1/2" Forged Brass Tube Adapter For PEX Tubing..... <i>For Work In Restricted Working Space, Add</i>	21.16 5.57	
22 11 16 00-1328	EA		3/4" Forged Brass Tube Adapter For PEX Tubing..... <i>For Work In Restricted Working Space, Add</i>	25.68 6.27	
22 11 16 00-1329	EA		1" Forged Brass Tube Adapter For PEX Tubing..... <i>For Work In Restricted Working Space, Add</i>	33.48 6.97	
22 11 16 00-1330			Plugs (22 11 16 00-1311)		
22 11 16 00-1331	EA		3/8" Forged Brass Plug For PEX Tubing..... <i>For Work In Restricted Working Space, Add</i>	10.15 2.44	
22 11 16 00-1332	EA		1/2" Forged Brass Plug For PEX Tubing..... <i>For Work In Restricted Working Space, Add</i>	11.30 2.78	
22 11 16 00-1333	EA		3/4" Forged Brass Plug For PEX Tubing..... <i>For Work In Restricted Working Space, Add</i>	13.04 3.14	
22 11 16 00-1334	EA		1" Forged Brass Plug For PEX Tubing..... <i>For Work In Restricted Working Space, Add</i>	16.40 3.48	
22 11 16 00-1335			Tees (22 11 16 00-1311)		
22 11 16 00-1336	EA		3/8" Forged Brass Tee For PEX Tubing..... <i>For Work In Restricted Working Space, Add</i>	28.59 7.31	
22 11 16 00-1337	EA		1/2" Forged Brass Tee For PEX Tubing..... <i>For Work In Restricted Working Space, Add</i>	32.07 8.36	
22 11 16 00-1338	EA		3/4" Forged Brass Tee For PEX Tubing..... <i>For Work In Restricted Working Space, Add</i>	38.43 9.40	
22 11 16 00-1339	EA		1" Forged Brass Tee For PEX Tubing..... <i>For Work In Restricted Working Space, Add</i>	50.01 10.45	
22 11 16 00-1340	EA		1/2" Forged Brass Reducing Tee For PEX Tubing..... <i>For Work In Restricted Working Space, Add</i>	30.90 8.07	
22 11 16 00-1341	EA		3/4" Forged Brass Reducing Tee For PEX Tubing..... <i>For Work In Restricted Working Space, Add</i>	36.11 8.71	
22 11 16 00-1342	EA		1" Forged Brass Reducing Tee For PEX Tubing..... <i>For Work In Restricted Working Space, Add</i>	45.38 9.40	
22 11 16 00-1343			Couplings (22 11 16 00-1311)		
22 11 16 00-1344	EA		3/8" Forged Brass Coupling For PEX Tubing..... <i>For Work In Restricted Working Space, Add</i>	18.41 4.88	
22 11 16 00-1345	EA		1/2" Forged Brass Coupling For PEX Tubing..... <i>For Work In Restricted Working Space, Add</i>	20.87 5.57	
22 11 16 00-1346	EA		3/4" Forged Brass Coupling For PEX Tubing..... <i>For Work In Restricted Working Space, Add</i>	23.91 6.27	
22 11 16 00-1347	EA		1" Forged Brass Coupling For PEX Tubing..... <i>For Work In Restricted Working Space, Add</i>	29.59 6.97	
22 11 16 00-1348	EA		3/4" x 1/2" Forged Brass Reducing Coupling For PEX Tubing..... <i>For Work In Restricted Working Space, Add</i>	22.75 5.92	
22 11 16 00-1349	EA		1" x 3/4" Forged Brass Reducing Coupling For PEX Tubing..... <i>For Work In Restricted Working Space, Add</i>	28.42 6.62	
22 11 16 00-1350			Fitting Reducers (22 11 16 00-1311)		
22 11 16 00-1351	EA		3/8" x 1/2" Forged Brass Fitting Reducer For PEX Tubing..... <i>For Work In Restricted Working Space, Add</i>	20.43 5.22	
22 11 16 00-1352	EA		1/2" Forged Brass Fitting Reducer For PEX Tubing..... <i>For Work In Restricted Working Space, Add</i>	21.59 5.57	
22 11 16 00-1353	EA		3/4" Forged Brass Fitting Reducer For PEX Tubing..... <i>For Work In Restricted Working Space, Add</i>	26.54 6.27	
22 11 16 00-1354	EA		1" Forged Brass Fitting Reducer For PEX Tubing..... <i>For Work In Restricted Working Space, Add</i>	38.41 6.97	
22 11 16 00-1355			90 Degree Elbows (22 11 16 00-1311)		
22 11 16 00-1356	EA		3/8" Forged Brass 90 Degree Elbow For PEX Tubing..... <i>For Work In Restricted Working Space, Add</i>	19.71 4.88	
22 11 16 00-1357	EA		1/2" Forged Brass 90 Degree Elbow For PEX Tubing..... <i>For Work In Restricted Working Space, Add</i>	22.03 5.57	
22 11 16 00-1358	EA		3/4" Forged Brass 90 Degree Elbow For PEX Tubing..... <i>For Work In Restricted Working Space, Add</i>	26.54 6.27	
22 11 16 00-1359	EA		3/4" x 1/2" Forged Brass 90 Degree Elbow For PEX Tubing..... <i>For Work In Restricted Working Space, Add</i>	25.38 5.92	
22 11 16 00-1360	EA		1/2" Drop 90 Degree Elbow For PEX Tubing..... <i>For Work In Restricted Working Space, Add</i>	31.03 5.57	
22 11 16 00-1361	EA		3/4" Forged Brass Drop 90 Degree Elbow For PEX Tubing..... <i>For Work In Restricted Working Space, Add</i>	34.64 6.27	
22 11 16 00-1362	EA		3/4" x 1/2" Forged Brass Drop 90 Degree Elbow For PEX Tubing..... <i>For Work In Restricted Working Space, Add</i>	33.48 5.92	
22 11 19			Domestic Water Piping Specialties (22 11)		
22 11 19 00-0001			Brass, Anti Siphon Vacuum Breakers (22 11 19) Note: Watts 288A		
22 11 19 00-0002	EA		1/2" Brass, Anti Siphon Vacuum Breaker.....	108.53	29.02
22 11 19 00-0003	EA		3/4" Brass, Anti Siphon Vacuum Breaker.....	124.75	32.50
22 11 19 00-0004	EA		1" Brass, Anti Siphon Vacuum Breaker.....	257.55	37.14
22 11 19 00-0005	EA		1-1/4" Brass, Anti Siphon Vacuum Breaker.....	410.72	42.94

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 11 19 00-0006	EA		1-1/2" Brass, Anti Siphon Vacuum Breaker	490.66	47.58
22 11 19 00-0007	EA		2" Brass, Anti Siphon Vacuum Breaker	718.93	58.04
22 11 19 00-0008	EA		2-1/2" Brass, Anti Siphon Vacuum Breaker	1,890.47	72.55
22 11 19 00-0009 Anti Siphon Pressure Vacuum Breakers (22 11 19)					
Note: Watts 800M4QT					
22 11 19 00-0010	EA		1/2" Anti Siphon Pressure Type Vacuum Breaker	322.38	29.02
22 11 19 00-0011	EA		3/4" Anti Siphon Pressure Type Vacuum Breaker	281.37	32.50
22 11 19 00-0012	EA		1" Anti Siphon Pressure Type Vacuum Breaker	403.01	37.14
22 11 19 00-0013	EA		1-1/4" Anti Siphon Pressure Type Vacuum Breaker	730.73	42.94
22 11 19 00-0014	EA		1-1/2" Anti Siphon Pressure Type Vacuum Breaker	890.01	47.58
22 11 19 00-0015	EA		2" Anti Siphon Pressure Type Vacuum Breaker	897.82	58.04
22 11 19 00-0016 Bellows Type Water Hammer Arrestors (22 11 19)					
22 11 19 00-0017	EA		Up To 11 Fixture Unit Capacity, 3/4" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5005)	296.31	13.88
22 11 19 00-0018	EA		>11 To 32 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5010)	580.08	16.79
22 11 19 00-0019	EA		>32 To 60 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5020)	850.98	16.79
22 11 19 00-0020	EA		>60 To 113 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5030)	2,082.91	16.79
22 11 19 00-0021	EA		>113 To 154 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5040)	2,346.78	16.79
22 11 19 00-0022	EA		>154 To 330 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5050)	2,876.09	16.79
22 11 19 00-0023 Piston Type Water Hammer Arrestors (22 11 19)					
22 11 19 00-0024 Threaded Piston Type Water Hammer Arrestors (22 11 19 00-0023)					
22 11 19 00-0025	EA		Up To 11 Fixture Unit Capacity, 1/2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-A)	178.98	7.74
22 11 19 00-0026	EA		>11 To 32 Fixture Unit Capacity, 3/4" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-B)	344.86	8.92
22 11 19 00-0027	EA		>32 To 60 Fixture Unit Capacity, 1" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-C)	513.16	9.68
22 11 19 00-0028	EA		>60 To 113 Fixture Unit Capacity, 1-1/4" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-D)	1,264.49	12.48
22 11 19 00-0029	EA		>113 To 154 Fixture Unit Capacity, 1-1/2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-E)	1,540.04	15.48
22 11 19 00-0030	EA		>154 To 330 Fixture Unit Capacity, 2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-F)	1,752.59	16.79
22 11 19 00-0031 Washer Boxes And Dryer Outlets (22 11 19)					
22 11 19 00-0032 Dryer Vent Kit (22 11 19 00-0031)					
Note: Includes 4" flexible tubing plastic hood clamps and tailpipe.					
22 11 19 00-0033	EA		Dryer Vent Kit With Hood, 4" x 5' Flexible Vent And Clamps	80.49	15.09
22 11 19 00-0034 Washer Boxes And Dryer Vents (22 11 19 00-0031)					
Note: Includes 1/2" supply valves and mounting brackets.					
22 11 19 00-0035	EA		2" Washing Machine Outlet Box, Plastic, Two 1/2" Supply Valves	283.84	23.22
22 11 19 00-0036 Ice Maker Outlet Box (22 11 19)					
Note: Includes one 1/2" quarter turn ball valve and connections wall mount.					
22 11 19 00-0037	EA		Plastic Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve, Wall Mount	151.65	23.22
22 11 19 00-0038	EA		Plastic Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve With Water Hammer Arrestor, Wall Mount	154.48	23.22
22 11 19 00-0039	EA		Steel Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve, Wall Mount	228.13	23.22
22 11 19 00-0040 Rubber Hose And Clamps (22 11 19)					
22 11 19 00-0041 General Purpose Hose (22 11 19 00-0040)					
Note: For medium pressure (up to 200/250 psi) applications requiring excellent resistance to air, oil and heat.					
22 11 19 00-0042	LF		3/8" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	7.47	2.31
22 11 19 00-0043	LF		1/2" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	8.77	2.31
22 11 19 00-0044	LF		5/8" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	10.70	2.31
22 11 19 00-0045	LF		3/4" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	10.80	2.31
22 11 19 00-0046	LF		1" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	14.69	3.47
22 11 19 00-0047	LF		1-1/4" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	24.21	3.47
22 11 19 00-0048	LF		1-1/2" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	26.33	4.62
22 11 19 00-0049	LF		2" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	50.33	4.62
22 11 19 00-0050 Reinforced EPDM Water Hose Assembly (22 11 19 00-0040)					
Note: Includes male/female camlock, 150 psi, synthetic fiber with steel wire helix reinforcement.					
22 11 19 00-0051	LF		1-1/2" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement	66.73	4.62
22 11 19 00-0052	LF		2" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement	78.73	4.62

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0053	LF		3" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement.....	110.68	5.68
22 11 19 00-0054	LF		4" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement.....	155.42	7.67
22 11 19 00-0055			Chemical Resistant Rubber Hoses (22 11 19 00-0040)		
22 11 19 00-0056	EA		50' x 6" Brown Gum Rubber, Chemical Resistant Flexible Hose.....	1,324.17	268.95
22 11 19 00-0057	EA		50' x 6" Nitrile Rubber, Low pH Resistance, Flexible Hose.....	1,839.31	268.95
22 11 19 00-0058			Water Pump Hose (22 11 19 00-0040)		
22 11 19 00-0059	EA		2" Inside Diameter, 20' Rubber Discharge Hose.....	571.43	70.55
22 11 19 00-0060	EA		2" Inside Diameter, 20' Rubber Intake Hose.....	604.72	70.55
22 11 19 00-0061			Barbed Hose x Threaded Male Pipe, Steel Coupling (22 11 19 00-0040)		
22 11 19 00-0062	EA		3/8" Inside Diameter Barbed Hose x 1/2" Threaded Male Pipe, Steel Coupling.....	28.93	9.70
22 11 19 00-0063	EA		1/2" Inside Diameter Barbed Hose x 1/2" Threaded Male Pipe, Steel Coupling.....	30.68	10.40
22 11 19 00-0064	EA		5/8" Inside Diameter Barbed Hose x 3/4" Threaded Male Pipe, Steel Coupling.....	32.86	11.09
22 11 19 00-0065	EA		3/4" Inside Diameter Barbed Hose x 3/4" Threaded Male Pipe, Steel Coupling.....	37.17	12.46
22 11 19 00-0066	EA		1" Inside Diameter Barbed Hose x 1" Threaded Male Pipe, Steel Coupling.....	44.68	15.24
22 11 19 00-0067	EA		1-1/4" Inside Diameter Barbed Hose x 1-1/4" Threaded Male Pipe, Steel Coupling.....	52.93	18.24
22 11 19 00-0068	EA		1-1/2" Inside Diameter Barbed Hose x 1-1/2" Threaded Male Pipe, Steel Coupling.....	68.18	24.01
22 11 19 00-0069	EA		2" Inside Diameter Barbed Hose x 2" Threaded Male Pipe, Steel Coupling.....	85.85	30.02
22 11 19 00-0070			Worm-Drive Hose Clamp (22 11 19 00-0040)		
22 11 19 00-0071	EA		3/8" To 1" Diameter Worm Drive Hose Clamp.....	12.80	3.47
22 11 19 00-0072	EA		1/2" To 1-1/6" Diameter Worm Drive Hose Clamp.....	13.52	3.47
22 11 19 00-0073	EA		5/8" To 1-1/2" Diameter Worm Drive Hose Clamp.....	14.27	3.47
22 11 19 00-0074	EA		3/4" To 2" Diameter Worm Drive Hose Clamp.....	15.18	3.47
22 11 19 00-0075	EA		1" To 2-1/2" Diameter Worm Drive Hose Clamp.....	16.19	3.47
22 11 19 00-0076	EA		1-1/4" To 2-3/4" Diameter Worm Drive Hose Clamp.....	17.59	4.62
22 11 19 00-0077	EA		1-1/2" To 3" Diameter Worm Drive Hose Clamp.....	18.95	4.62
22 11 19 00-0078			Trap Primer And Accessories (22 11 19)		
22 11 19 00-0079			Trap Primer (22 11 19 00-0078)		
22 11 19 00-0080	EA		1/2" Inlet/Outlet, Flow Through Automatic Trap Primer (JR Smith 2699).....	304.26	17.41
22 11 19 00-0081	EA		1/2" Inlet/Outlet, Automatic Trap Primer, Up To Two Floor Drains (PPP PR-500).....	186.51	11.61
22 11 19 00-0082	EA		1/2" Inlet/Outlet, Automatic Trap Primer, Up To Four Floor Drains (PPP PO-500).....	180.58	11.61
22 11 19 00-0083			Trap Primer Distribution Unit (22 11 19 00-0078)		
22 11 19 00-0084	EA		Molded Plastic Four Opening Trap Primer Distribution Unit (PPP DU-U)..... Note: Can be used for two, three or four drains.	154.87	23.22
22 11 19 00-0085	EA		Copper Four Opening Trap Primer Distribution Unit (PPP DU-4)..... Note: Can be used for two, three or four drains.	170.81	23.22
22 11 19 00-0086			Trap Primer Manifold (22 11 19 00-0078)		
22 11 19 00-0087	EA		Two Outlet Trap Primer Manifold.....	244.04	31.22
22 11 19 00-0088	EA		Four Outlet Trap Primer Manifold.....	370.07	35.52
22 11 19 00-0089	EA		Six Outlet Trap Primer Manifold.....	493.31	37.61
22 11 19 00-0090	EA		Eight Outlet Trap Primer Manifold.....	620.81	44.11
22 11 19 00-0091			Sewage Air Release Valves (22 11 19)		
22 11 19 00-0092			Cast Iron, Sewage Air Release Valves (22 11 19 00-0091) Note: Stainless steel float.		
22 11 19 00-0093	EA		2" x 1/2" NPT, Cast Iron, Sewage Air Release Valve (Apco 400)..... <i>For Back Flush Attachment, Add</i>	954.09 650.00	42.39
22 11 19 00-0094	EA		3" x 1/2" NPT, Cast Iron, Sewage Air Release Valve (Apco 400)..... <i>For Back Flush Attachment, Add</i>	1,171.41 650.00	70.83
22 11 19 00-0095	EA		4" x 1/2" NPT, Cast Iron, Sewage Air Release Valve (Apco 400)..... <i>For Back Flush Attachment, Add</i>	1,485.41 650.00	89.42
22 11 19 00-0096			Cast Iron, Sewage Air Vacuum Valves (22 11 19 00-0091) Note: Stainless steel float.		
22 11 19 00-0097	EA		2" x 1" NPT, Cast Iron, Sewage Air Vacuum Valve (Apco 401)..... <i>For Back Flush Attachment, Add</i>	974.79 650.00	42.39
22 11 19 00-0098	EA		2" x 2" NPT, Cast Iron, Sewage Air Vacuum Valve (Apco 402)..... <i>For Back Flush Attachment, Add</i>	1,911.39 650.00	42.39
22 11 19 00-0099	EA		3" x 2" NPT, Cast Iron, Sewage Air Vacuum Valve (Apco 403)..... <i>For Back Flush Attachment, Add</i>	2,294.29 650.00	70.83
22 11 19 00-0100	EA		4" NPT x 4" With Hood, Cast Iron, Sewage Air Vacuum Valve (Apco 404).....	3,397.42	89.42
22 11 19 00-0101			Cast Iron, Sewage Combination Air Valves (22 11 19 00-0091) Note: Stainless steel float.		
22 11 19 00-0102	EA		2" x 1" NPT, Sewage Combination Air Valve (Apco 443).....	2,082.16	42.39

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	22 11 19 00-0103	EA		2" x 2" NPT, Sewage Combination Air Valve (Apco 445)	2,871.28	42.39
	22 11 19 00-0104	EA		3" x 3" NPT, Sewage Combination Air Valve (Apco 447)	3,360.26	70.83
	22 11 19 00-0105	EA		4" x 4" NPT, Sewage Combination Air Valve (Apco 449)	4,108.93	89.42
22 11 19 00-0106				Wall Hydrants <small>(22 11 19)</small> Note: Female inlet connection, 3/4" hose thread outlet.		
22 11 19 00-0107				Cast Bronze, Non-Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrants <small>(22 11 19 00-0106)</small> Note: 3/4" HPT outlet, 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
	22 11 19 00-0108	EA		6" Thick Wall, Cast Bronze, Non Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	1,041.91	29.02
				<i>For Cast Bronze Box, Add</i>	54.78	
				<i>For 1" NPT Outlet, Add</i>	129.12	
	22 11 19 00-0109	EA		12" Thick Wall, Cast Bronze, Non Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	1,093.53	34.82
				<i>For Cast Bronze Box, Add</i>	54.78	
				<i>For 1" NPT Outlet, Add</i>	129.12	
	22 11 19 00-0110	EA		18" Thick Wall, Cast Bronze, Non Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	1,117.30	41.91
				<i>For Cast Bronze Box, Add</i>	54.78	
				<i>For 1" NPT Outlet, Add</i>	129.12	
22 11 19 00-0111				Cast Bronze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrants <small>(22 11 19 00-0106)</small> Note: 3/4" HPT outlet, 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
	22 11 19 00-0112	EA		Cast Bronze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	1,017.26	48.75
				<i>For Cast Bronze Box, Add</i>	54.78	
				<i>For 1" NPT Outlet, Add</i>	129.12	
22 11 19 00-0113				Cast Bronze Non-Freezing Wall Hydrant <small>(22 11 19 00-0106)</small> Note: 3/4" HPT outlet, 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
	22 11 19 00-0114	EA		3" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	535.79	35.99
				<i>For 1" NPT Outlet, Add</i>	129.12	
	22 11 19 00-0115	EA		4" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	674.50	35.99
				<i>For 1" NPT Outlet, Add</i>	129.12	
	22 11 19 00-0116	EA		6" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	674.50	35.99
				<i>For 1" NPT Outlet, Add</i>	129.12	
	22 11 19 00-0117	EA		8" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	674.50	35.99
				<i>For 1" NPT Outlet, Add</i>	129.12	
	22 11 19 00-0118	EA		10" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	706.78	72.55
				<i>For 1" NPT Outlet, Add</i>	129.12	
	22 11 19 00-0119	EA		12" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	706.78	72.55
				<i>For 1" NPT Outlet, Add</i>	129.12	
	22 11 19 00-0120	EA		18" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	803.34	72.55
				<i>For 1" NPT Outlet, Add</i>	129.12	
22 11 19 00-0121				Stainless Steel Box Type Wall Hydrants <small>(22 11 19 00-0106)</small> Note: With 3/4" NPT female and 3/4" NPT male inlet connection.		
	22 11 19 00-0122	EA		Recessed Stainless Steel Hose Box With Wall Flange Less Door (Acorn 8140)	503.67	29.02
	22 11 19 00-0123	EA		Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange Less Door (Acorn 8141)	552.06	29.02
	22 11 19 00-0124	EA		Recessed Stainless Steel Hose Box With Wall Flange And Door (Acorn 8150)	558.66	29.02
	22 11 19 00-0125	EA		Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange And Door (Acorn 8151)	631.25	29.02
	22 11 19 00-0126	EA		Recessed Stainless Steel Hose Box With Wall Flange Less Door (Acorn 8145)	894.75	40.63
				Note: Includes hot and cold hose connections.		
	22 11 19 00-0127	EA		Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange Less Door (Acorn 8146)	923.35	40.63
				Note: Includes hot and cold hose connections.		
	22 11 19 00-0128	EA		Recessed Stainless Steel Hose Box With Wall Flange And Door (Acorn 8155)	923.35	40.63
				Note: Includes hot and cold hose connections.		
	22 11 19 00-0129	EA		Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange And Door (Acorn 8156)	991.54	40.63
				Note: Includes hot and cold hose connections.		
22 11 19 00-0130				Tempering Controllers For Potable Hot Water <small>(22 11 19)</small>		
22 11 19 00-0131				Point-Of-Use Thermostatic Mixing Valves (Bradley) <small>(22 11 19 00-0130)</small> Note: Point-of-Use Water Tempering Valves: ASSE 1016, or 1070, with piston-control mechanism, positive shutoff of hot water when cold water supply is lost, bronze body and cap with replaceable corrosion-resistant components, including stainless steel piston and liner.		
	22 11 19 00-0132	EA		1/2" Inlets, 1/2" Outlet Sink/Faucet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-2007)	554.19	28.10
	22 11 19 00-0133	EA		1/2" Inlets, 1/2" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4004)	140.62	28.10
	22 11 19 00-0134	EA		1/2" Inlets, 1/2" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4008)	312.09	28.10
	22 11 19 00-0135	EA		3/4" Inlets, 3/4" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4016)	356.67	37.85
22 11 19 00-0136				Thermostatic Mixing Valves (Bradley) <small>(22 11 19 00-0130)</small> Note: Standard Thermostatic, Water Mixing Valves: ASSE 1017, liquid-filled motor and piston control mechanism with positive shutoff of hot water when coldwater supply is lost. Water flow is shut off in event of thermostat failure. Bronze valve body and cap with replaceable corrosion-resistant components, including stainless steel piston and liner. Equipped with integral check stops and removable strainers.		
	22 11 19 00-0137	EA		3/4" Inlets, 3/4" Outlet, 25 GPM Thermostatic Mixing Valve (Bradley S59-2025)	1,515.24	40.52
	22 11 19 00-0138	EA		3/4" Inlets, 1" Outlet, 45 GPM Thermostatic Mixing Valve (Bradley S59-2045)	1,699.49	49.91
	22 11 19 00-0139	EA		1" Inlets, 1-1/4" Outlet, 80 GPM Thermostatic Mixing Valve (Bradley S59-2080)	2,043.68	58.06
	22 11 19 00-0140	EA		1-1/4" Inlets, 1-1/2" Outlet, 130 GPM Thermostatic Mixing Valve (Bradley S59-2130)	2,653.30	61.02
	22 11 19 00-0141	EA		2" Inlets, 2" Outlet, 220 GPM Thermostatic Mixing Valve (Bradley S59-2200)	3,562.97	79.17

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 11 19 00-0142			High Low Temperature Thermostatic Mixing Valves (Bradley) (22 11 19 00-0130) Note: High Low Temperature Thermostatic Mixing Valves: ASSE 1017, liquid-filled thermal motor and piston control mechanism with positive shutoff of hot water when cold water supply is lost, and allowing restricted cold flow in event of loss or interruption of hot water supply. Flow is shut off in the event of thermostat failure. Equipped with integral check stops, thermometer, and removable strainers.		
22 11 19 00-0143	EA		3/4" Inlets, 1" Outlet, 45 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3045)	3,874.52	62.41
22 11 19 00-0144	EA		1" Inlets, 1-1/4" Outlet, 80 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3080)	5,045.37	72.57
22 11 19 00-0145	EA		1-1/4" Inlets, 1-1/2" Outlet, 130 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3130)	5,886.56	76.28
22 11 19 00-0146	EA		2" Inlets, 2" Outlet, 220 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3200)	6,517.28	98.96
22 11 19 00-0147			Thermostatic Mixing Valves (Leonard) (22 11 19 00-0130) Note: Thermostatic Water Mixing Valve with Integral combination checkstops with strainers, 125 PSI (8.6 BAR) maximum operating pressure, Copper encapsulated thermostatic assembly with Teflon coated brass shuttle, Locking temperature regulating handle, Top or bottom supply/outlet connections, Integral circulation port connection		
22 11 19 00-0148	EA		3/4" In x 3/4" Out Thermostatic Mixing Valve (Leonard LV-981-RF)	1,097.17	40.52
			Note: For hot water or two pipe low pressure steam.		
22 11 19 00-0149	EA		1" In x 1-1/4" Out Thermostatic Mixing Valve (Leonard LV-982-RF)	1,291.13	49.91
			Note: For hot water or two pipe low pressure steam.		
22 11 19 00-0150	EA		1-1/4" In x 1-1/4" Out Thermostatic Mixing Valve (Leonard LV-983-RF)	1,587.72	58.06
			Note: For hot water or two pipe low pressure steam.		
22 11 19 00-0151	EA		1-1/4" In x 1-1/2" Out Thermostatic Mixing Valve (Leonard LV-984-RF)	1,944.03	61.04
			Note: For hot water or two pipe low pressure steam.		
22 11 19 00-0152	EA		2" In x 2" Out Thermostatic Mixing Valve (Leonard LV-985-RF)	2,891.32	79.17
			Note: For hot water or two pipe low pressure steam.		
22 11 19 00-0153			Water Mixing/Self Operating Temperature Regulator (22 11 19 00-0130) Note: Includes high rate spring, temperature adjustment screw, temperature dial and remote bulb with 8' capillary tube.		
22 11 19 00-0154	EA		3/4" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	3,254.96	58.04
22 11 19 00-0155	EA		1" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	3,445.39	73.13
22 11 19 00-0156	EA		1-1/4" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	3,792.39	88.21
22 11 19 00-0157	EA		1-1/2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	4,172.46	103.30
22 11 19 00-0158	EA		2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	4,965.97	135.81
22 11 19 00-0159	EA		2-1/2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	5,869.12	154.88
22 11 19 00-0160			Thermostatic Mixing Valves (Holby) (22 11 19 00-0130)		
22 11 19 00-0161	EA		2-1/2" Thermostatic Mixing Valve (Holby HOLBY2500)	5,146.93	79.19
22 11 19 00-0162			Backflow Preventer Valves (22 11 19)		
22 11 19 00-0163			Double Check Valve Backflow Preventer Assemblies (22 11 19 00-0162)		
22 11 19 00-0164			Threaded Double Check Valve Assemblies (22 11 19 00-0163)		
22 11 19 00-0165			Double Check Valve Assemblies With Quarter Turn Shut-Offs (22 11 19 00-0164) Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and two epoxy coated bronze body check valves (Watts 007 QT or 719 QT series).		
22 11 19 00-0166	EA		1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)	433.19	31.11
			For Work In Restricted Working Space, Add	23.33	
			For Owner Furnished Material, Deduct	-355.42	
22 11 19 00-0167	EA		3/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)	511.50	44.11
			For Work In Restricted Working Space, Add	33.08	
			For Owner Furnished Material, Deduct	-401.23	
22 11 19 00-0168	EA		1" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)	589.87	53.86
			For Work In Restricted Working Space, Add	40.39	
			For Owner Furnished Material, Deduct	-455.23	
22 11 19 00-0169	EA		1-1/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)	825.51	62.68
			For Work In Restricted Working Space, Add	47.01	
			For Owner Furnished Material, Deduct	-668.81	
22 11 19 00-0170	EA		1-1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)	1,022.07	71.96
			For Work In Restricted Working Space, Add	53.63	
			For Owner Furnished Material, Deduct	-843.32	
22 11 19 00-0171	EA		2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)	1,177.62	92.85
			For Work In Restricted Working Space, Add	69.64	
			For Owner Furnished Material, Deduct	-945.48	
22 11 19 00-0172			Double Check Valve Assemblies With Quarter Turn Shut-Offs And Strainer (22 11 19 00-0164) Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, two epoxy coated bronze body check valves, and bronze strainer (Watts 007 QT-S or 719 QT-S series).		
22 11 19 00-0173	EA		1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	534.89	31.11
			For Work In Restricted Working Space, Add	23.33	
			For Owner Furnished Material, Deduct	-457.12	
22 11 19 00-0174	EA		3/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	660.46	44.11
			For Work In Restricted Working Space, Add	33.08	
			For Owner Furnished Material, Deduct	-550.19	
22 11 19 00-0175	EA		1" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	772.49	53.86
			For Work In Restricted Working Space, Add	40.39	
			For Owner Furnished Material, Deduct	-637.85	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0176	EA			1-1/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S).....	1,085.71	62.68
				<i>For Work In Restricted Working Space, Add</i>	47.01	
				<i>For Owner Furnished Material, Deduct</i>	-929.01	
22 11 19 00-0177	EA			1-1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S).....	1,328.53	71.96
				<i>For Work In Restricted Working Space, Add</i>	53.63	
				<i>For Owner Furnished Material, Deduct</i>	-1,149.78	
22 11 19 00-0178	EA			2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S).....	1,600.72	92.85
				<i>For Work In Restricted Working Space, Add</i>	69.64	
				<i>For Owner Furnished Material, Deduct</i>	-1,368.58	
22 11 19 00-0179				Flanged Double Check Valve Assemblies <small>(22 11 19 00-0163)</small>		
22 11 19 00-0180				Double Check Valve Assemblies With Non-Rising Stem Shut-Offs <small>(22 11 19 00-0179)</small> Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF007 NRS series).		
22 11 19 00-0181	EA			2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF007 NRS)	5,851.77	256.52
				<i>For Work In Restricted Working Space, Add</i>	102.61	
				<i>For Owner Furnished Material, Deduct</i>	-5,509.73	
22 11 19 00-0182	EA			3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF007 NRS)	6,429.71	288.60
				<i>For Work In Restricted Working Space, Add</i>	113.84	
				<i>For Owner Furnished Material, Deduct</i>	-6,050.26	
22 11 19 00-0183				Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs <small>(22 11 19 00-0179)</small> Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF007 OSY series).		
22 11 19 00-0184	EA			2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF007 OSY).....	6,411.80	256.52
				<i>For Work In Restricted Working Space, Add</i>	102.61	
				<i>For Owner Furnished Material, Deduct</i>	-6,069.76	
22 11 19 00-0185	EA			3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 007 OSY)	7,363.09	288.60
				<i>For Work In Restricted Working Space, Add</i>	113.84	
				<i>For Owner Furnished Material, Deduct</i>	-6,983.64	
22 11 19 00-0186				Double Check Valve Assemblies With Non-Rising Stem Shut-Offs <small>(22 11 19 00-0179)</small> Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF709 NRS series).		
22 11 19 00-0187	EA			2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series).....	5,892.15	256.52
				<i>For Work In Restricted Working Space, Add</i>	102.61	
				<i>For Owner Furnished Material, Deduct</i>	-5,550.13	
22 11 19 00-0188	EA			3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series)	4,493.79	288.60
				<i>For Work In Restricted Working Space, Add</i>	113.84	
				<i>For Owner Furnished Material, Deduct</i>	-4,114.33	
22 11 19 00-0189	EA			4" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series)	7,035.15	427.54
				<i>For Work In Restricted Working Space, Add</i>	170.93	
				<i>For Owner Furnished Material, Deduct</i>	-6,465.40	
22 11 19 00-0190	EA			6" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS Series)	10,673.91	619.62
				<i>For Work In Restricted Working Space, Add</i>	335.80	
				<i>For Owner Furnished Material, Deduct</i>	-9,554.59	
22 11 19 00-0191	EA			8" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS Series)	24,400.51	929.44
				<i>For Work In Restricted Working Space, Add</i>	503.78	
				<i>For Owner Furnished Material, Deduct</i>	-22,721.26	
22 11 19 00-0192	EA			10" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS Series)	31,342.81	1,099.33
				<i>For Work In Restricted Working Space, Add</i>	599.64	
				<i>For Owner Furnished Material, Deduct</i>	-29,344.02	
22 11 19 00-0193				Double Check Valve Assemblies With Non-Rising Stem Shut-Offs And Strainer <small>(22 11 19 00-0179)</small> Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, two epoxy coated iron body check valves, and iron body strainer (Watts 709 NRS-S series).		
22 11 19 00-0194	EA			4" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts LF709 NRS-S-FDA Series).....	8,217.85	427.54
				<i>For Work In Restricted Working Space, Add</i>	170.91	
				<i>For Owner Furnished Material, Deduct</i>	-7,648.15	
22 11 19 00-0195	EA			6" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts LF709 NRS-S-FDA Series).....	13,646.12	619.62
				<i>For Work In Restricted Working Space, Add</i>	335.80	
				<i>For Owner Furnished Material, Deduct</i>	-12,526.80	
22 11 19 00-0196	EA			10" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts LF709 NRS-S-FDA Series).....	36,413.40	1,099.33
				<i>For Work In Restricted Working Space, Add</i>	599.64	
				<i>For Owner Furnished Material, Deduct</i>	-34,414.61	
22 11 19 00-0197				Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs <small>(22 11 19 00-0179)</small> Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF709 OSY series).		
22 11 19 00-0198	EA			2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series).....	6,258.54	256.52
				<i>For Work In Restricted Working Space, Add</i>	102.61	
				<i>For Owner Furnished Material, Deduct</i>	-5,916.52	
22 11 19 00-0199	EA			3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY series)	6,876.89	288.60
				<i>For Work In Restricted Working Space, Add</i>	113.84	
				<i>For Owner Furnished Material, Deduct</i>	-6,497.44	
22 11 19 00-0200	EA			4" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series).....	7,464.18	427.54
				<i>For Work In Restricted Working Space, Add</i>	170.91	
				<i>For Owner Furnished Material, Deduct</i>	-6,894.48	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 11 19 00-0201	EA		6" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	12,498.20 335.80 -11,378.88	619.62
22 11 19 00-0202	EA		8" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	25,915.29 503.69 -24,236.31	929.44
22 11 19 00-0203	EA		10" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	33,297.65 599.64 -31,298.86	1,099.33

22 11 19 00-0204 Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs^(22 11 19 00-0179)

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757 OSY series).

22 11 19 00-0205	EA		2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	3,727.40 102.61 -3,385.38	256.52
22 11 19 00-0206	EA		3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	4,103.57 113.84 -3,724.12	288.60
22 11 19 00-0207	EA		4" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	4,632.55 170.91 -4,062.85	427.54
22 11 19 00-0208	EA		6" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	7,472.16 335.80 -6,352.84	619.62
22 11 19 00-0209	EA		8" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	14,239.08 503.69 -12,560.10	929.44
22 11 19 00-0210	EA		10" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	15,438.98 599.64 -13,440.19	1,099.33

22 11 19 00-0211 N-Pattern Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs^(22 11 19 00-0179)

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757N OSY series).

22 11 19 00-0212	EA		2-1/2" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	4,928.61 102.61 -4,586.59	256.52
22 11 19 00-0213	EA		3" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	5,304.77 113.84 -4,925.32	288.60
22 11 19 00-0214	EA		4" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757 OSY Series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	6,639.81 170.91 -6,070.11	427.54
22 11 19 00-0215	EA		6" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	10,832.40 335.80 -9,713.08	619.62
22 11 19 00-0216	EA		8" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	19,219.29 503.69 -17,540.31	929.44
22 11 19 00-0217	EA		10" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	22,870.71 599.64 -20,871.92	1,099.33

22 11 19 00-0218 Double Check Valve Assemblies With Non-Rising Stem Shut-Off Valves^(22 11 19 00-0179)

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757 NRS series).

22 11 19 00-0219	EA		2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	3,488.49 102.61 -3,146.47	256.52
22 11 19 00-0220	EA		3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	3,875.52 113.84 -3,496.07	288.60
22 11 19 00-0221	EA		4" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	4,415.23 170.91 -3,845.53	427.54
22 11 19 00-0222	EA		6" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	7,301.43 335.80 -6,182.11	619.62
22 11 19 00-0223	EA		8" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	14,074.55 503.69 -12,395.57	929.44
22 11 19 00-0224	EA		10" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	15,898.36 599.64 -13,899.57	1,099.33

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 11 19 00-0225			N-Pattern Double Check Valve Assemblies With Non-Rising Stem Shut-Offs <small>(22 11 19 00-0179)</small> Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757N NRS series).		
22 11 19 00-0226	EA		2-1/2" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series).....	4,588.97	256.52
			<i>For Work In Restricted Working Space, Add</i>	102.61	
			<i>For Owner Furnished Material, Deduct</i>	-4,246.95	
22 11 19 00-0227	EA		3" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series).....	4,965.13	288.60
			<i>For Work In Restricted Working Space, Add</i>	113.84	
			<i>For Owner Furnished Material, Deduct</i>	-4,585.68	
22 11 19 00-0228	EA		4" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series).....	6,300.59	427.54
			<i>For Work In Restricted Working Space, Add</i>	170.91	
			<i>For Owner Furnished Material, Deduct</i>	-5,730.89	
22 11 19 00-0229	EA		6" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series).....	10,471.09	619.62
			<i>For Work In Restricted Working Space, Add</i>	335.80	
			<i>For Owner Furnished Material, Deduct</i>	-9,351.77	
22 11 19 00-0230	EA		8" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series).....	18,672.42	929.44
			<i>For Work In Restricted Working Space, Add</i>	503.69	
			<i>For Owner Furnished Material, Deduct</i>	-16,993.44	
22 11 19 00-0231	EA		10" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series).....	22,322.24	1,099.33
			<i>For Work In Restricted Working Space, Add</i>	599.64	
			<i>For Owner Furnished Material, Deduct</i>	-20,323.45	
22 11 19 00-0232			Double Check Valve Assemblies With Butterfly Shut-Off Valves <small>(22 11 19 00-0179)</small> Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, and single stainless steel housing and sleeve for two check valves (Watts 757 BFG series).		
22 11 19 00-0233	EA		2-1/2" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	4,053.53	256.52
			<i>For Work In Restricted Working Space, Add</i>	102.61	
			<i>For Owner Furnished Material, Deduct</i>	-3,711.51	
22 11 19 00-0234	EA		3" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	4,429.69	288.60
			<i>For Work In Restricted Working Space, Add</i>	113.84	
			<i>For Owner Furnished Material, Deduct</i>	-4,050.24	
22 11 19 00-0235	EA		4" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	4,958.68	427.54
			<i>For Work In Restricted Working Space, Add</i>	170.91	
			<i>For Owner Furnished Material, Deduct</i>	-4,388.98	
22 11 19 00-0236	EA		6" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	7,806.50	619.62
			<i>For Work In Restricted Working Space, Add</i>	335.80	
			<i>For Owner Furnished Material, Deduct</i>	-6,687.18	
22 11 19 00-0237	EA		8" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	14,573.42	929.44
			<i>For Work In Restricted Working Space, Add</i>	503.69	
			<i>For Owner Furnished Material, Deduct</i>	-12,894.44	
22 11 19 00-0238			N-Pattern Double Check Valve Assemblies With Butterfly Shut-Offs <small>(22 11 19 00-0179)</small> Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, and single stainless steel housing and sleeve for two check valves (Watts 757N BFG series).		
22 11 19 00-0239	EA		2-1/2" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	5,254.74	256.52
			<i>For Work In Restricted Working Space, Add</i>	102.61	
			<i>For Owner Furnished Material, Deduct</i>	-4,912.72	
22 11 19 00-0240	EA		3" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	5,630.90	288.60
			<i>For Work In Restricted Working Space, Add</i>	113.84	
			<i>For Owner Furnished Material, Deduct</i>	-5,251.45	
22 11 19 00-0241	EA		4" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	6,965.93	427.54
			<i>For Work In Restricted Working Space, Add</i>	170.91	
			<i>For Owner Furnished Material, Deduct</i>	-6,396.23	
22 11 19 00-0242	EA		6" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	11,166.81	619.62
			<i>For Work In Restricted Working Space, Add</i>	335.80	
			<i>For Owner Furnished Material, Deduct</i>	-10,047.49	
22 11 19 00-0243	EA		8" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	14,573.42	929.44
			<i>For Work In Restricted Working Space, Add</i>	503.69	
			<i>For Owner Furnished Material, Deduct</i>	-12,894.44	
22 11 19 00-0244			Grooved Double Check Valve Assemblies <small>(22 11 19 00-0163)</small>		
22 11 19 00-0245			Double Check Valve Assemblies With Quarter Turn Shut-Offs <small>(22 11 19 00-0244)</small> Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and single stainless steel housing and sleeve for two check valves (Watts 757 QT series).		
22 11 19 00-0246	EA		2-1/2" Grooved Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 757 QT series).....	3,488.49	136.82
			<i>For Work In Restricted Working Space, Add</i>	102.61	
			<i>For Owner Furnished Material, Deduct</i>	-3,146.47	
22 11 19 00-0247	EA		3" Grooved Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 757 QT series).....	3,875.52	151.78
			<i>For Work In Restricted Working Space, Add</i>	113.84	
			<i>For Owner Furnished Material, Deduct</i>	-3,496.07	
22 11 19 00-0248			N-Patten Double Check Valve Assemblies With Quarter Turn Shut-Offs <small>(22 11 19 00-0244)</small> Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and single stainless steel housing and sleeve for two check valves (Watts 757N QT series).		
22 11 19 00-0249	EA		2-1/2" N-Pattern Grooved Double Check Valve Assembly With QT Shutoffs (Watts 757 QT series).....	4,588.97	136.82
			<i>For Work In Restricted Working Space, Add</i>	102.61	
			<i>For Owner Furnished Material, Deduct</i>	-4,246.95	
22 11 19 00-0250	EA		3" N-Pattern Grooved Double Check Valve Assembly With QT Shutoffs (Watts 757 QT series).....	4,965.13	151.78
			<i>For Work In Restricted Working Space, Add</i>	113.84	
			<i>For Owner Furnished Material, Deduct</i>	-4,585.68	

22 Plumbing

22 10 Plumbing Piping

22 11 Facility Water Distribution



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

22 11 19 00-0251	Reduced Pressure Zone Backflow Preventer Assemblies (22 11 19 00-0162)		
22 11 19 00-0252	Threaded Reduced Pressure Zone Assemblies (22 11 19 00-0251)		
22 11 19 00-0253	Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs (22 11 19 00-0252) Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 009 QT series).		
22 11 19 00-0254	EA 1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series).....	480.70	26.92
	For Work In Restricted Working Space, Add	20.20	
	For Owner Furnished Material, Deduct	-413.38	
22 11 19 00-0255	EA 3/8" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series).....	507.74	29.71
	For Work In Restricted Working Space, Add	22.29	
	For Owner Furnished Material, Deduct	-433.45	
22 11 19 00-0256	EA 1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series).....	591.23	31.11
	For Work In Restricted Working Space, Add	23.33	
	For Owner Furnished Material, Deduct	-513.46	
22 11 19 00-0257	EA 3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M3 QT series).....	794.11	44.11
	For Work In Restricted Working Space, Add	33.08	
	For Owner Furnished Material, Deduct	-683.84	
22 11 19 00-0258	EA 1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series).....	942.23	53.86
	For Work In Restricted Working Space, Add	40.39	
	For Owner Furnished Material, Deduct	-807.59	
22 11 19 00-0259	EA 1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series).....	1,423.58	62.68
	For Work In Restricted Working Space, Add	47.01	
	For Owner Furnished Material, Deduct	-1,266.88	
22 11 19 00-0260	EA 1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series).....	1,505.21	71.96
	For Work In Restricted Working Space, Add	53.63	
	For Owner Furnished Material, Deduct	-1,326.46	
22 11 19 00-0261	EA 2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series).....	1,806.19	92.85
	For Work In Restricted Working Space, Add	69.64	
	For Owner Furnished Material, Deduct	-1,574.05	
22 11 19 00-0262	Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer (22 11 19 00-0252) Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 009 QT-S series).		
22 11 19 00-0263	EA 1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series).....	530.74	26.92
	For Work In Restricted Working Space, Add	20.20	
	For Owner Furnished Material, Deduct	-463.42	
22 11 19 00-0264	EA 3/8" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series).....	560.48	29.71
	For Work In Restricted Working Space, Add	22.29	
	For Owner Furnished Material, Deduct	-486.19	
22 11 19 00-0265	EA 1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series).....	663.51	44.11
	For Work In Restricted Working Space, Add	23.33	
	For Owner Furnished Material, Deduct	-585.74	
22 11 19 00-0266	EA 3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series).....	907.69	44.11
	For Work In Restricted Working Space, Add	33.08	
	For Owner Furnished Material, Deduct	-797.42	
22 11 19 00-0267	EA 1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series).....	1,084.26	53.86
	For Work In Restricted Working Space, Add	40.39	
	For Owner Furnished Material, Deduct	-949.62	
22 11 19 00-0268	EA 1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series).....	1,617.26	62.68
	For Work In Restricted Working Space, Add	47.01	
	For Owner Furnished Material, Deduct	-1,460.56	
22 11 19 00-0269	EA 1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series).....	1,778.54	71.96
	For Work In Restricted Working Space, Add	53.63	
	For Owner Furnished Material, Deduct	-1,599.79	
22 11 19 00-0270	EA 2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series).....	2,141.54	92.85
	For Work In Restricted Working Space, Add	69.64	
	For Owner Furnished Material, Deduct	-1,909.40	
22 11 19 00-0271	Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs (22 11 19 00-0252) Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 919 QT series).		
22 11 19 00-0272	EA 3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series).....	794.11	44.11
	For Work In Restricted Working Space, Add	33.08	
	For Owner Furnished Material, Deduct	-683.84	
22 11 19 00-0273	EA 1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series).....	942.23	53.86
	For Work In Restricted Working Space, Add	40.39	
	For Owner Furnished Material, Deduct	-807.59	
22 11 19 00-0274	EA 1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series).....	1,423.58	62.68
	For Work In Restricted Working Space, Add	47.01	
	For Owner Furnished Material, Deduct	-1,266.88	
22 11 19 00-0275	EA 1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series).....	1,505.21	71.96
	For Work In Restricted Working Space, Add	53.63	
	For Owner Furnished Material, Deduct	-1,326.46	
22 11 19 00-0276	EA 2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series).....	1,806.19	92.85
	For Work In Restricted Working Space, Add	69.64	
	For Owner Furnished Material, Deduct	-1,574.05	

MINOR	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 11 19 00-0277	Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer <small>(22 11 19 00-0252)</small> Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 919 QT-S series).		
22 11 19 00-0278	EA 3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series).....	907.69	44.11
	<i>For Work In Restricted Working Space, Add</i>	33.08	
	<i>For Owner Furnished Material, Deduct</i>	-797.42	
22 11 19 00-0279	EA 1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series).....	1,084.26	53.86
	<i>For Work In Restricted Working Space, Add</i>	40.39	
	<i>For Owner Furnished Material, Deduct</i>	-949.62	
22 11 19 00-0280	EA 1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series).....	1,617.26	62.68
	<i>For Work In Restricted Working Space, Add</i>	47.01	
	<i>For Owner Furnished Material, Deduct</i>	-1,460.56	
22 11 19 00-0281	EA 1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series).....	1,778.54	71.96
	<i>For Work In Restricted Working Space, Add</i>	53.63	
	<i>For Owner Furnished Material, Deduct</i>	-1,599.79	
22 11 19 00-0282	EA 2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series).....	2,141.54	92.85
	<i>For Work In Restricted Working Space, Add</i>	69.64	
	<i>For Owner Furnished Material, Deduct</i>	-1,909.40	
22 11 19 00-0283	Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs <small>(22 11 19 00-0252)</small> Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 909 QT series).		
22 11 19 00-0284	EA 3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909QT)	1,637.74	44.11
	<i>For Work In Restricted Working Space, Add</i>	33.08	
	<i>For Owner Furnished Material, Deduct</i>	-1,527.47	
22 11 19 00-0285	EA 1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909QT)	1,938.55	53.86
	<i>For Work In Restricted Working Space, Add</i>	40.39	
	<i>For Owner Furnished Material, Deduct</i>	-1,803.91	
22 11 19 00-0286	EA 1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909M1QT)	2,982.78	62.68
	<i>For Work In Restricted Working Space, Add</i>	47.01	
	<i>For Owner Furnished Material, Deduct</i>	-2,826.08	
22 11 19 00-0287	EA 1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909M1QT)	3,224.69	71.96
	<i>For Work In Restricted Working Space, Add</i>	53.63	
	<i>For Owner Furnished Material, Deduct</i>	-3,045.94	
22 11 19 00-0288	EA 2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 909M1QT).....	3,740.95	92.85
	<i>For Work In Restricted Working Space, Add</i>	69.64	
	<i>For Owner Furnished Material, Deduct</i>	-3,508.81	
22 11 19 00-0289	Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer <small>(22 11 19 00-0252)</small> Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts LF909 QT-S series).		
22 11 19 00-0290	EA 3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909QT-S).....	2,205.53	44.11
	<i>For Work In Restricted Working Space, Add</i>	33.08	
	<i>For Owner Furnished Material, Deduct</i>	-2,095.26	
22 11 19 00-0291	EA 1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909QT-S).....	2,621.79	53.86
	<i>For Work In Restricted Working Space, Add</i>	40.39	
	<i>For Owner Furnished Material, Deduct</i>	-2,487.15	
22 11 19 00-0292	EA 1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909M1QT-S).....	3,996.98	62.68
	<i>For Work In Restricted Working Space, Add</i>	47.01	
	<i>For Owner Furnished Material, Deduct</i>	-3,840.28	
22 11 19 00-0293	EA 1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909M1QT-S).....	4,366.18	71.96
	<i>For Work In Restricted Working Space, Add</i>	53.63	
	<i>For Owner Furnished Material, Deduct</i>	-4,187.43	
22 11 19 00-0294	EA 2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909M1QT-S).....	5,186.39	92.85
	<i>For Work In Restricted Working Space, Add</i>	69.64	
	<i>For Owner Furnished Material, Deduct</i>	-4,954.25	
22 11 19 00-0295	Flanged Reduced Pressure Zone Assemblies <small>(22 11 19 00-0251)</small>		
22 11 19 00-0296	Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Offs <small>(22 11 19 00-0295)</small> Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and captured spring assemblies (Watts LF009 NRS series).		
22 11 19 00-0297	EA 2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF009 NRS series)	5,382.29	256.52
	<i>For Work In Restricted Working Space, Add</i>	102.61	
	<i>For Owner Furnished Material, Deduct</i>	-5,040.25	
22 11 19 00-0298	EA 3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF009 NRS series).....	6,064.71	288.60
	<i>For Work In Restricted Working Space, Add</i>	113.84	
	<i>For Owner Furnished Material, Deduct</i>	-5,685.26	
22 11 19 00-0299	Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Off And Strainer <small>(22 11 19 00-0295)</small> Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, iron body strainer, and captured spring assemblies (Watts LF009 NRS-S-FDA series).		

22 Plumbing
22 10 Plumbing Piping
22 11 Facility Water Distribution



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0300	EA		2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF009 NRS-S-FDA series).....	6,415.98	256.52
			<i>For Work In Restricted Working Space, Add</i>	102.61	
			<i>For Owner Furnished Material, Deduct</i>	-6,073.94	
22 11 19 00-0301	EA		3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF009 NRS-S-FDA series).....	7,265.57	288.60
			<i>For Work In Restricted Working Space, Add</i>	113.84	
			<i>For Owner Furnished Material, Deduct</i>	-6,886.12	
22 11 19 00-0302			Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs <small>(22 11 19 00-0295)</small>		
			Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies (Watts LF009 OSY series).		
22 11 19 00-0303	EA		2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF009 OSY series).....	5,777.94	256.52
			<i>For Work In Restricted Working Space, Add</i>	102.61	
			<i>For Owner Furnished Material, Deduct</i>	-5,435.90	
22 11 19 00-0304	EA		3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF009 OSY series).....	6,722.26	288.60
			<i>For Work In Restricted Working Space, Add</i>	113.84	
			<i>For Owner Furnished Material, Deduct</i>	-6,342.81	
22 11 19 00-0305			Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs And Strainer <small>(22 11 19 00-0295)</small>		
			Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies. (Watts LF009 OSY-S-FDA Series)		
22 11 19 00-0306	EA		2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs And Strainer (Watts LF009 OSY-S-FDA series).....	6,415.98	256.52
			<i>For Work In Restricted Working Space, Add</i>	102.61	
			<i>For Owner Furnished Material, Deduct</i>	-6,073.94	
22 11 19 00-0307	EA		3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs And Strainer (Watts LF009 OSY-S-FDA series).....	7,265.57	288.60
			<i>For Work In Restricted Working Space, Add</i>	113.84	
			<i>For Owner Furnished Material, Deduct</i>	-6,886.12	
22 11 19 00-0308			Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs <small>(22 11 19 00-0295)</small>		
			Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and captured spring assemblies (Watts LF009 QT-FDA series).		
22 11 19 00-0309	EA		2-1/2" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts LF009 QT-FDA series).....	7,122.28	256.52
			<i>For Work In Restricted Working Space, Add</i>	102.61	
			<i>For Owner Furnished Material, Deduct</i>	-6,780.24	
22 11 19 00-0310	EA		3" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts LF009 QT-FDA series).....	8,242.13	288.60
			<i>For Work In Restricted Working Space, Add</i>	113.84	
			<i>For Owner Furnished Material, Deduct</i>	-7,862.68	
22 11 19 00-0311			Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Offs <small>(22 11 19 00-0295)</small>		
			Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and captured spring assemblies (Watts LF909 NRS series).		
22 11 19 00-0312	EA		2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series).....	9,242.57	256.52
			<i>For Work In Restricted Working Space, Add</i>	102.61	
			<i>For Owner Furnished Material, Deduct</i>	-8,900.55	
22 11 19 00-0313	EA		3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series).....	10,500.37	288.60
			<i>For Work In Restricted Working Space, Add</i>	113.84	
			<i>For Owner Furnished Material, Deduct</i>	-10,120.91	
22 11 19 00-0314	EA		4" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series).....	13,221.93	427.54
			<i>For Work In Restricted Working Space, Add</i>	170.93	
			<i>For Owner Furnished Material, Deduct</i>	-12,652.18	
22 11 19 00-0315	EA		6" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series).....	19,950.35	619.62
			<i>For Work In Restricted Working Space, Add</i>	470.15	
			<i>For Owner Furnished Material, Deduct</i>	-18,383.20	
22 11 19 00-0316	EA		3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909M1 NRS series).....	33,094.11	929.44
			<i>For Work In Restricted Working Space, Add</i>	705.22	
			<i>For Owner Furnished Material, Deduct</i>	-30,743.39	
22 11 19 00-0317	EA		10" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909M1 NRS series).....	42,717.72	1,099.33
			<i>For Work In Restricted Working Space, Add</i>	599.64	
			<i>For Owner Furnished Material, Deduct</i>	-40,718.93	
22 11 19 00-0318			Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Off And Epoxy Coated Strainer <small>(22 11 19 00-0295)</small>		
			Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, iron body strainer, and captured spring assemblies (Watts LF909 NRS-S-FDA series).		
22 11 19 00-0319	EA		2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series).....	9,960.02	256.52
			<i>For Work In Restricted Working Space, Add</i>	102.61	
			<i>For Owner Furnished Material, Deduct</i>	-9,618.00	
22 11 19 00-0320	EA		3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series).....	11,255.42	288.60
			<i>For Work In Restricted Working Space, Add</i>	113.84	
			<i>For Owner Furnished Material, Deduct</i>	-10,875.97	
22 11 19 00-0321	EA		4" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series).....	14,379.55	427.54
			<i>For Work In Restricted Working Space, Add</i>	170.91	
			<i>For Owner Furnished Material, Deduct</i>	-13,809.85	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 11 19 00-0322	EA	6" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series).....	21,681.55	619.62
		<i>For Work In Restricted Working Space, Add</i>	335.80	
		<i>For Owner Furnished Material, Deduct</i>	-20,562.23	
22 11 19 00-0323	EA	8" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series).....	35,112.59	929.44
		<i>For Work In Restricted Working Space, Add</i>	503.69	
		<i>For Owner Furnished Material, Deduct</i>	-33,433.61	
22 11 19 00-0324	EA	10" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series).....	47,656.94	1,099.33
		<i>For Work In Restricted Working Space, Add</i>	599.64	
		<i>For Owner Furnished Material, Deduct</i>	-45,658.15	
22 11 19 00-0325 Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs <small>(22 11 19 00-0295)</small>				
Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies (Watts LF909 OSY series).				
22 11 19 00-0326	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series).....	9,833.24	256.52
		<i>For Work In Restricted Working Space, Add</i>	102.61	
		<i>For Owner Furnished Material, Deduct</i>	-9,491.22	
22 11 19 00-0327	EA	3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series).....	11,177.42	288.60
		<i>For Work In Restricted Working Space, Add</i>	113.84	
		<i>For Owner Furnished Material, Deduct</i>	-10,797.96	
22 11 19 00-0328	EA	4" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series).....	14,063.37	427.54
		<i>For Work In Restricted Working Space, Add</i>	170.93	
		<i>For Owner Furnished Material, Deduct</i>	-13,493.62	
22 11 19 00-0329	EA	6" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series).....	20,729.13	619.62
		<i>For Work In Restricted Working Space, Add</i>	335.80	
		<i>For Owner Furnished Material, Deduct</i>	-19,609.81	
22 11 19 00-0330	EA	8" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909M1 OSY series).....	34,472.88	929.44
		<i>For Work In Restricted Working Space, Add</i>	503.69	
		<i>For Owner Furnished Material, Deduct</i>	-32,793.90	
22 11 19 00-0331	EA	10" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909M1 OSY series).....	45,430.79	1,099.33
		<i>For Work In Restricted Working Space, Add</i>	599.64	
		<i>For Owner Furnished Material, Deduct</i>	-43,432.00	
22 11 19 00-0332 Double Check Detector Assemblies <small>(22 11 19 00-0162)</small>				
22 11 19 00-0333 Flanged Double Check Detector Assemblies With Meter <small>(22 11 19 00-0332)</small>				
22 11 19 00-0334 Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs And Meter <small>(22 11 19 00-0333)</small>				
Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, two epoxy coated iron body check valves, and meter (Watts 709 DCDA OSY series).				
22 11 19 00-0335	EA	3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series).....	7,377.09	288.60
		<i>For Work In Restricted Working Space, Add</i>	113.84	
		<i>For Owner Furnished Material, Deduct</i>	-6,997.64	
22 11 19 00-0336	EA	4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series).....	7,729.70	427.54
		<i>For Work In Restricted Working Space, Add</i>	170.91	
		<i>For Owner Furnished Material, Deduct</i>	-7,160.00	
22 11 19 00-0337	EA	6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series).....	10,416.83	619.62
		<i>For Work In Restricted Working Space, Add</i>	335.80	
		<i>For Owner Furnished Material, Deduct</i>	-9,297.51	
22 11 19 00-0338	EA	8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series).....	18,484.77	929.44
		<i>For Work In Restricted Working Space, Add</i>	503.69	
		<i>For Owner Furnished Material, Deduct</i>	-16,805.79	
22 11 19 00-0339	EA	10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series).....	24,966.63	1,099.33
		<i>For Work In Restricted Working Space, Add</i>	599.64	
		<i>For Owner Furnished Material, Deduct</i>	-22,967.84	
22 11 19 00-0340 Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs And Meter <small>(22 11 19 00-0333)</small>				
Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, single stainless steel housing and sleeve for two check valves, and meter (Watts 757 DCDA OSY series).				
22 11 19 00-0341	EA	2-1/2" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series).....	5,526.13	256.52
		<i>For Work In Restricted Working Space, Add</i>	102.61	
		<i>For Owner Furnished Material, Deduct</i>	-5,184.09	
22 11 19 00-0342	EA	3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series).....	5,901.93	288.60
		<i>For Work In Restricted Working Space, Add</i>	113.84	
		<i>For Owner Furnished Material, Deduct</i>	-5,522.48	
22 11 19 00-0343	EA	4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series).....	6,438.92	427.54
		<i>For Work In Restricted Working Space, Add</i>	170.91	
		<i>For Owner Furnished Material, Deduct</i>	-5,869.22	

22 Plumbing**22 10 Plumbing Piping****22 11 Facility Water Distribution**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 11 19 00-0344	EA 6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series).....	8,740.44	619.62
	<i>For Work In Restricted Working Space, Add</i>	335.80	
	<i>For Owner Furnished Material, Deduct</i>	-7,621.12	
22 11 19 00-0345	EA 8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series).....	15,454.84	929.44
	<i>For Work In Restricted Working Space, Add</i>	503.69	
	<i>For Owner Furnished Material, Deduct</i>	-13,775.86	
22 11 19 00-0346	EA 10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series).....	18,224.91	1,099.33
	<i>For Work In Restricted Working Space, Add</i>	599.64	
	<i>For Owner Furnished Material, Deduct</i>	-16,226.12	
22 11 19 00-0347	Double Check Detector Assembly With Butterfly Valves And Meter (22 11 19 00-0333)		
	Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, single stainless steel housing and sleeve for two check valves, and meter (Watts 757 DCDA BFG series).		
22 11 19 00-0348	EA 2-1/2" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series).....	5,852.33	256.52
	<i>For Work In Restricted Working Space, Add</i>	102.61	
	<i>For Owner Furnished Material, Deduct</i>	-5,510.29	
22 11 19 00-0349	EA 3" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series).....	6,228.12	288.60
	<i>For Work In Restricted Working Space, Add</i>	113.84	
	<i>For Owner Furnished Material, Deduct</i>	-5,848.67	
22 11 19 00-0350	EA 4" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series).....	6,765.05	427.54
	<i>For Work In Restricted Working Space, Add</i>	170.91	
	<i>For Owner Furnished Material, Deduct</i>	-6,195.35	
22 11 19 00-0351	EA 6" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series).....	9,074.79	619.62
	<i>For Work In Restricted Working Space, Add</i>	335.80	
	<i>For Owner Furnished Material, Deduct</i>	-7,955.47	
22 11 19 00-0352	EA 8" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series).....	15,053.69	929.44
	<i>For Work In Restricted Working Space, Add</i>	503.69	
	<i>For Owner Furnished Material, Deduct</i>	-13,374.71	
22 11 19 00-0353	Flanged Double Check Detector Assemblies Without Meter (22 11 19 00-0332)		
22 11 19 00-0354	Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs Less Meter (22 11 19 00-0353)		
	Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, single stainless steel housing and sleeve for two check valves (Watts 757 DCDA OSY LM series).		
22 11 19 00-0355	EA 2-1/2" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series).....	5,423.14	256.52
	<i>For Work In Restricted Working Space, Add</i>	102.61	
22 11 19 00-0356	EA 3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series).....	5,798.98	288.60
	<i>For Work In Restricted Working Space, Add</i>	113.84	
22 11 19 00-0357	EA 4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series).....	6,335.97	427.54
	<i>For Work In Restricted Working Space, Add</i>	170.91	
22 11 19 00-0358	EA 6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series).....	8,637.49	619.62
	<i>For Work In Restricted Working Space, Add</i>	335.80	
22 11 19 00-0359	EA 8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series).....	15,351.96	929.44
	<i>For Work In Restricted Working Space, Add</i>	503.69	
22 11 19 00-0360	EA 10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series).....	18,121.89	1,099.33
	<i>For Work In Restricted Working Space, Add</i>	599.64	
22 11 19 00-0361	Double Check Detector Assembly With Butterfly Valves Less Meter (22 11 19 00-0353)		
	Note: Includes ball type test cocks, two butterfly resilient seated iron body butterfly valves, single stainless steel housing and sleeve for two check valves (Watts 757 DCDA BFG LM series).		
22 11 19 00-0362	EA 2-1/2" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series).....	5,749.31	256.52
	<i>For Work In Restricted Working Space, Add</i>	102.61	
22 11 19 00-0363	EA 3" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series).....	6,125.10	288.60
	<i>For Work In Restricted Working Space, Add</i>	113.84	
22 11 19 00-0364	EA 4" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series).....	6,662.10	427.54
	<i>For Work In Restricted Working Space, Add</i>	170.91	
22 11 19 00-0365	EA 6" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series).....	8,971.77	619.62
	<i>For Work In Restricted Working Space, Add</i>	335.80	
22 11 19 00-0366	EA 8" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series).....	15,686.30	929.44
	<i>For Work In Restricted Working Space, Add</i>	503.69	
22 11 19 00-0367	Backflow Preventer Accessories (22 11 19 00-0162)		
22 11 19 00-0368	Air Gap (22 11 19 00-0367)		
22 11 19 00-0369	EA Up To 1" Diameter Air Gap For Backflow Preventer.....	123.60	14.51
22 11 19 00-0370	EA 1-1/4" To 2" Diameter Air Gap For Backflow Preventer.....	152.08	17.41
22 11 19 00-0371	EA 2-1/2" To 3" Diameter Air Gap For Backflow Preventer.....	285.12	23.22
22 11 19 00-0372	EA 4" To 6" Diameter Air Gap For Backflow Preventer.....	563.71	40.63
22 11 19 00-0373	EA 8" To 10" Diameter Air Gap For Backflow Preventer.....	598.53	58.04
22 11 19 00-0374	Brass Test Cocks (22 11 19 00-0367)		
22 11 19 00-0375	EA 1/8" Or 1/4" Brass Test Cock.....	50.31	5.80

MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 11 19 00-0376	Backflow Valve Enclosures <small>(22 11 19 00-0162)</small>		
22 11 19 00-0377	Flip-Top, Insulated Fiberglass Valve Enclosures <small>(22 11 19 00-0376)</small> <small>Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.</small>		
	EA 19" Length x 11" Width x 22" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	1,293.42	104.46
	<i>For Heated Enclosure, Add</i>	167.90	
	EA 27" Length x 13" Width x 23" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	1,606.61	104.46
	<i>For Heated Enclosure, Add</i>	214.88	
	EA 27" Length x 13" Width x 35" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	2,061.25	96.20
	<i>For Heated Enclosure, Add</i>	285.14	
	EA 33" Length x 21" Width x 25" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	2,122.86	128.27
	<i>For Heated Enclosure, Add</i>	286.36	
	EA 39" Length x 13" Width x 28" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	2,229.07	128.27
	<i>For Heated Enclosure, Add</i>	302.30	
	EA 47" Length x 13" Width x 28" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	2,643.03	128.27
	<i>For Heated Enclosure, Add</i>	364.39	
	EA 39" Length x 13" Width x 36" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	2,653.92	128.27
	<i>For Heated Enclosure, Add</i>	366.02	
	EA 47" Length x 13" Width x 36" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	3,359.27	128.27
	<i>For Heated Enclosure, Add</i>	471.83	
	EA 70" Length x 26" Width x 45" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	7,807.23	192.39
	<i>For Heated Enclosure, Add</i>	1,122.99	
	EA 83" Length x 26" Width x 45" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	11,366.69	192.39
	<i>For Heated Enclosure, Add</i>	1,656.90	
	EA 70" Length x 26" Width x 55" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	10,794.78	192.39
	<i>For Heated Enclosure, Add</i>	1,571.12	
	EA 83" Length x 26" Width x 55" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	13,002.41	224.46
	<i>For Heated Enclosure, Add</i>	1,894.25	
22 11 19 00-0390	One-Piece Drop Over, Insulated Fiberglass Valve Enclosures <small>(22 11 19 00-0376)</small> <small>Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.</small>		
	EA 20" Length x 6-1/2" Width x 22" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	727.27	27.86
	<i>For Heated Enclosure, Add</i>	136.17	
	EA 27" Length x 14" Width x 26" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	1,015.95	27.86
	<i>For Heated Enclosure, Add</i>	193.90	
	EA 38-1/2" Length x 12" Width x 28" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	1,279.16	25.66
	<i>For Heated Enclosure, Add</i>	247.28	
	EA 47" Length x 13" Width x 28" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	1,938.22	25.66
	<i>For Heated Enclosure, Add</i>	379.09	
	EA 70" Length x 26" Width x 45" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	5,025.83	48.10
	<i>For Heated Enclosure, Add</i>	989.13	
	EA 83" Length x 26" Width x 45" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	6,869.56	48.10
	<i>For Heated Enclosure, Add</i>	1,357.88	
	EA 45" Length x 35" Width x 35" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	4,568.30	48.10
	<i>For Heated Enclosure, Add</i>	897.63	
	EA 53" Length x 44" Width x 44" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	5,172.89	48.10
	<i>For Heated Enclosure, Add</i>	1,018.54	
	EA 61" Length x 52" Width x 50" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	8,105.97	48.10
	<i>For Heated Enclosure, Add</i>	1,605.16	
22 11 19 00-0400	Sectional, Insulated Aluminum Valve Enclosures <small>(22 11 19 00-0376)</small> <small>Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.</small>		
	EA 70" Length x 26" Width x 55" Height, Sectional, Insulated Aluminum Valve Enclosure	10,185.07	208.93
	<i>For Heated Enclosure, Add</i>	1,475.53	
	<i>For One 24" Fluorescent Light Fixture, Add</i>	795.37	
	<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,423.29	
	EA 83" Length x 26" Width x 55" Height, Sectional, Insulated Aluminum Valve Enclosure	11,239.02	208.93
	<i>For Heated Enclosure, Add</i>	1,633.62	
	<i>For One 24" Fluorescent Light Fixture, Add</i>	795.37	
	<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,423.29	
	EA 53" Length x 33" Width x 44" Height, Sectional, Insulated Aluminum Valve Enclosure	7,935.23	192.39
	<i>For Heated Enclosure, Add</i>	1,142.19	
	<i>For One 24" Fluorescent Light Fixture, Add</i>	795.37	
	<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,423.29	
	EA 53" Length x 44" Width x 44" Height, Sectional, Insulated Aluminum Valve Enclosure	8,714.12	192.39
	<i>For Heated Enclosure, Add</i>	1,259.02	
	<i>For One 24" Fluorescent Light Fixture, Add</i>	795.37	
	<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,423.29	
	EA 90" Length x 32" Width x 50-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	10,120.05	256.52
	<i>For Heated Enclosure, Add</i>	1,453.88	
	<i>For One 24" Fluorescent Light Fixture, Add</i>	795.37	
	<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,423.29	
	EA 102" Length x 32" Width x 50-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	11,367.36	256.52
	<i>For Heated Enclosure, Add</i>	1,640.97	
	<i>For One 24" Fluorescent Light Fixture, Add</i>	795.37	
	<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,423.29	
	EA 90" Length x 32" Width x 57-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	11,367.36	256.52
	<i>For Heated Enclosure, Add</i>	1,640.97	
	<i>For One 24" Fluorescent Light Fixture, Add</i>	795.37	
	<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,423.29	
	EA 102" Length x 32" Width x 57-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	12,576.54	256.52
	<i>For Heated Enclosure, Add</i>	1,822.35	
	<i>For One 24" Fluorescent Light Fixture, Add</i>	795.37	
	<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,423.29	

22 Plumbing**22 10 Plumbing Piping****22 11 Facility Water Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 11 19 00-0409	EA	62" Length x 39" Width x 46" Height, Sectional, Insulated Aluminum Valve Enclosure	9,423.89	224.46
		<i>For Heated Enclosure, Add</i>	1,357.47	
		<i>For One 24" Fluorescent Light Fixture, Add</i>	795.37	
		<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,423.29	
22 11 19 00-0410	EA	62" Length x 53" Width x 46" Height, Sectional, Insulated Aluminum Valve Enclosure	11,037.83	256.52
		<i>For Heated Enclosure, Add</i>	1,591.54	
		<i>For One 24" Fluorescent Light Fixture, Add</i>	795.37	
		<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,423.29	
22 11 19 00-0411	EA	105" Length x 36" Width x 53" Height, Sectional, Insulated Aluminum Valve Enclosure	12,925.13	256.52
		<i>For Heated Enclosure, Add</i>	1,874.64	
		<i>For One 24" Fluorescent Light Fixture, Add</i>	795.37	
		<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,423.29	
22 11 19 00-0412	EA	125" Length x 36" Width x 53" Height, Sectional, Insulated Aluminum Valve Enclosure	14,193.72	272.56
		<i>For Heated Enclosure, Add</i>	2,060.92	
		<i>For One 24" Fluorescent Light Fixture, Add</i>	795.37	
		<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,423.29	
22 11 19 00-0413	EA	105" Length x 36" Width x 64" Height, Sectional, Insulated Aluminum Valve Enclosure	14,545.95	295.98
		<i>For Heated Enclosure, Add</i>	2,107.90	
		<i>For One 24" Fluorescent Light Fixture, Add</i>	795.37	
		<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,423.29	
22 11 19 00-0414	EA	125" Length x 36" Width x 64" Height, Sectional, Insulated Aluminum Valve Enclosure	16,132.73	313.40
		<i>For Heated Enclosure, Add</i>	2,341.56	
		<i>For One 24" Fluorescent Light Fixture, Add</i>	795.37	
		<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,423.29	
22 11 19 00-0415	EA	105" Length x 36" Width x 80" Height, Sectional, Insulated Aluminum Valve Enclosure	16,715.06	288.60
		<i>For Heated Enclosure, Add</i>	2,435.11	
		<i>For One 24" Fluorescent Light Fixture, Add</i>	795.37	
		<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,423.29	
22 11 19 00-0416	EA	72" Length x 45" Width x 52" Height, Sectional, Insulated Aluminum Valve Enclosure	12,108.12	256.52
		<i>For Heated Enclosure, Add</i>	1,752.09	
		<i>For One 24" Fluorescent Light Fixture, Add</i>	795.37	
		<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,423.29	
22 11 19 00-0417	EA	72" Length x 45" Width x 60" Height, Sectional, Insulated Aluminum Valve Enclosure	12,916.96	256.52
		<i>For Heated Enclosure, Add</i>	1,873.41	
		<i>For One 24" Fluorescent Light Fixture, Add</i>	795.37	
		<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,423.29	
22 11 19 00-0418	EA	72" Length x 65" Width x 52" Height, Sectional, Insulated Aluminum Valve Enclosure	14,626.74	272.56
		<i>For Heated Enclosure, Add</i>	2,125.87	
		<i>For One 24" Fluorescent Light Fixture, Add</i>	795.37	
		<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,423.29	
22 11 19 00-0419	EA	72" Length x 65" Width x 60" Height, Sectional, Insulated Aluminum Valve Enclosure	17,752.67	288.60
		<i>For Heated Enclosure, Add</i>	2,590.75	
		<i>For One 24" Fluorescent Light Fixture, Add</i>	795.37	
		<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,423.29	
22 11 19 00-0420	EA	118" Length x 40" Width x 58" Height, Sectional, Insulated Aluminum Valve Enclosure	15,467.75	128.27
		<i>For Heated Enclosure, Add</i>	2,248.01	
		<i>For One 24" Fluorescent Light Fixture, Add</i>	795.37	
		<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,423.29	
22 11 19 00-0421	EA	142" Length x 40" Width x 58" Height, Sectional, Insulated Aluminum Valve Enclosure	18,612.74	128.27
		<i>For Heated Enclosure, Add</i>	2,715.75	
		<i>For One 24" Fluorescent Light Fixture, Add</i>	795.37	
		<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,423.29	
22 11 19 00-0422	EA	118" Length x 40" Width x 74" Height, Sectional, Insulated Aluminum Valve Enclosure	17,989.09	192.39
		<i>For Heated Enclosure, Add</i>	2,622.21	
		<i>For One 24" Fluorescent Light Fixture, Add</i>	795.37	
		<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,423.29	
22 11 19 00-0423	EA	142" Length x 40" Width x 74" Height, Sectional, Insulated Aluminum Valve Enclosure	20,883.01	192.39
		<i>For Heated Enclosure, Add</i>	3,048.28	
		<i>For One 24" Fluorescent Light Fixture, Add</i>	795.37	
		<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,423.29	
22 11 19 00-0424	EA	142" Length x 42" Width x 65" Height, Sectional, Insulated Aluminum Valve Enclosure	19,263.11	192.39
		<i>For Heated Enclosure, Add</i>	2,809.30	
		<i>For One 24" Fluorescent Light Fixture, Add</i>	795.37	
		<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,423.29	
22 11 19 00-0425	EA	172" Length x 42" Width x 65" Height, Sectional, Insulated Aluminum Valve Enclosure	22,527.42	224.46
		<i>For Heated Enclosure, Add</i>	3,290.93	
		<i>For One 24" Fluorescent Light Fixture, Add</i>	795.37	
		<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,423.29	
22 11 19 00-0426	EA	142" Length x 42" Width x 85" Height, Sectional, Insulated Aluminum Valve Enclosure	22,580.86	192.39
		<i>For Heated Enclosure, Add</i>	3,290.93	
		<i>For One 24" Fluorescent Light Fixture, Add</i>	795.37	
		<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,423.29	
22 11 19 00-0427	EA	172" Length x 42" Width x 85" Height, Sectional, Insulated Aluminum Valve Enclosure	26,814.70	192.39
		<i>For Heated Enclosure, Add</i>	3,917.99	
		<i>For One 24" Fluorescent Light Fixture, Add</i>	795.37	
		<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,423.29	

 22 11 19 00-0428 Faucets (Hose Bibbs) (22 11 19)

 22 11 19 00-0429 Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends (22 11 19 00-0428)

22 11 19 00-0430	EA	1/2", 125 LB Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends	62.38	11.61
22 11 19 00-0431	EA	3/4", 125 LB Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends	72.14	12.77
22 11 19 00-0432	EA	3/4" Screwed Ends Vacuum Breaker (Mueller 108-904NL)	18.77	8.71

 22 11 19 00-0433 Chrome Plated Brass Hose Valves, Screwed Ends (22 11 19 00-0428)

22 11 19 00-0434	EA	3/4" Hose Valve With Screwed Ends (Chicago Faucets #387-CP)	219.84	35.52
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 11 19 00-0435			Antisiphon Freezeless Wall Faucet (Woodford 19CP) (22 11 19 00-0428)		
22 11 19 00-0436	EA		4" Long, 1/2" Antisiphon Freezeless Wall Faucet	135.57	29.02
22 11 19 00-0437	EA		6" Long, 1/2" Antisiphon Freezeless Wall Faucet	147.07	32.15
22 11 19 00-0438	EA		8" Long, 1/2" Antisiphon Freezeless Wall Faucet	155.65	34.01
22 11 19 00-0439	EA		10" Long, 1/2" Antisiphon Freezeless Wall Faucet	164.23	36.45
22 11 19 00-0440	EA		12" Long, 1/2" Antisiphon Freezeless Wall Faucet	172.93	38.65
22 11 19 00-0441			Escutcheons (22 11 19)		
22 11 19 00-0442			Brass Escutcheons (22 11 19 00-0441)		
22 11 19 00-0443			Shallow Brass Escutcheons (22 11 19 00-0442)		
22 11 19 00-0444	EA		3/8" IPS, Antique Or Polished Brass Shallow Escutcheon.....	12.83	2.90
22 11 19 00-0445	EA		1/2" IPS, Antique Or Polished Brass Shallow Escutcheon.....	13.81	2.90
22 11 19 00-0446			Deep Bell Brass Escutcheons (22 11 19 00-0442)		
22 11 19 00-0447	EA		3/8" IPS, Antique Or Polished Deep Bell Brass Escutcheon.....	15.07	3.25
22 11 19 00-0448	EA		1/2" IPS, Antique Or Polished Deep Bell Brass Escutcheon.....	15.11	3.25
22 11 19 00-0449			Chrome Plated Brass Escutcheons With Setscrew (22 11 19 00-0442)		
22 11 19 00-0450	EA		3/8" IPS, Chrome Plated Brass Escutcheon With Setscrew	26.29	2.90
22 11 19 00-0451	EA		1/2" IPS, Chrome Plated Brass Escutcheon With Setscrew	26.59	2.90
22 11 19 00-0452	EA		5/8" IPS, Chrome Plated Brass Escutcheon With Setscrew	27.03	2.90
22 11 19 00-0453	EA		3/4" IPS, Chrome Plated Brass Escutcheon With Setscrew	28.62	2.90
22 11 19 00-0454	EA		7/8" IPS, Chrome Plated Brass Escutcheon With Setscrew	29.00	3.48
22 11 19 00-0455	EA		1" IPS, Chrome Plated Brass Escutcheon With Setscrew	30.55	3.48
22 11 19 00-0456	EA		1-1/4" IPS, Chrome Plated Brass Escutcheon With Setscrew	31.55	3.83
22 11 19 00-0457	EA		1-1/2" IPS, Chrome Plated Brass Escutcheon With Setscrew	32.94	4.06
22 11 19 00-0458	EA		2" IPS, Chrome Plated Brass Escutcheon With Setscrew	47.93	4.64
22 11 19 00-0459			Plastic Escutcheons (22 11 19 00-0441)		
22 11 19 00-0460			Split-Ring White Plastic Escutcheons (22 11 19 00-0459)		
22 11 19 00-0461	EA		3/8" IPS, Split-Ring White Plastic Escutcheon.....	6.95	2.88
22 11 19 00-0462	EA		1/2" IPS, Split-Ring White Plastic Escutcheon.....	6.95	2.88
22 11 19 00-0463	EA		3/4" IPS, Split-Ring White Plastic Escutcheon.....	8.07	3.23
22 11 19 00-0464	EA		1" IPS, Split-Ring White Plastic Escutcheon.....	8.75	3.47
22 11 19 00-0465	EA		1-1/4" IPS, Split-Ring White Plastic Escutcheon.....	9.42	3.81
22 11 19 00-0466	EA		1-1/2" IPS, Split-Ring White Plastic Escutcheon.....	10.08	4.04
22 11 19 00-0467	EA		2" IPS, Split-Ring White Plastic Escutcheon.....	11.37	4.62
22 11 19 00-0468	EA		2-1/2" IPS, Split-Ring White Plastic Escutcheon.....	14.39	4.96
22 11 19 00-0469	EA		3" IPS, Split-Ring White Plastic Escutcheon.....	17.43	5.19
22 11 19 00-0470	EA		4" IPS, Split-Ring White Plastic Escutcheon.....	21.03	5.78
22 11 19 00-0471			Chrome Plate Plastic Escutcheons (22 11 19 00-0459)		
22 11 19 00-0472	EA		1/2" IPS, Chrome Plate Plastic Escutcheon.....	8.96	2.88
22 11 19 00-0473	EA		3/4" IPS, Chrome Plate Plastic Escutcheon.....	9.78	3.23
22 11 19 00-0474	EA		1" IPS, Chrome Plate Plastic Escutcheon.....	10.96	3.47
22 11 19 00-0475	EA		1-1/4" IPS, Chrome Plate Plastic Escutcheon	12.14	3.81
22 11 19 00-0476	EA		1-1/2" IPS, Chrome Plate Plastic Escutcheon	12.81	4.04
22 11 19 00-0477	EA		2" IPS, Chrome Plate Plastic Escutcheon.....	16.02	4.62
22 11 19 00-0478	EA		2-1/2" IPS, Chrome Plate Plastic Escutcheon	22.77	4.96
22 11 19 00-0479	EA		3" IPS, Chrome Plate Plastic Escutcheon.....	23.62	5.19
22 11 19 00-0480	EA		4" IPS, Chrome Plate Plastic Escutcheon.....	25.28	5.78
22 11 19 00-0481			Stainless Steel Escutcheons (22 11 19 00-0441)		
22 11 19 00-0482			Shallow Stainless Steel Escutcheons (22 11 19 00-0481)		
22 11 19 00-0483	EA		3/8" IPS, Shallow Stainless Steel Escutcheon.....	18.09	2.90
22 11 19 00-0484	EA		1/2" IPS, Shallow Stainless Steel Escutcheon.....	18.09	2.90
22 11 19 00-0485	EA		3/4" IPS, Shallow Stainless Steel Escutcheon.....	25.77	3.25
22 11 19 00-0486			Chrome Plated Steel Escutcheons (22 11 19 00-0441)		
22 11 19 00-0487			Split-Ring Chrome Plated Steel Escutcheons (22 11 19 00-0486)		
22 11 19 00-0488	EA		1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	6.69	2.88
22 11 19 00-0489	EA		3/4" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	7.26	3.23
22 11 19 00-0490	EA		1" IPS, Split-Ring Chrome Plated Steel Escutcheon	8.01	3.47
22 11 19 00-0491	EA		1-1/4" IPS, Split-Ring Chrome Plated Steel Escutcheon	8.58	3.81
22 11 19 00-0492	EA		1-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	9.17	4.04
22 11 19 00-0493	EA		2" IPS, Split-Ring Chrome Plated Steel Escutcheon	10.58	4.62
22 11 19 00-0494	EA		2-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	17.23	4.96
22 11 19 00-0495	EA		3" IPS, Split-Ring Chrome Plated Steel Escutcheon	18.31	5.19
22 11 19 00-0496	EA		3-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	23.11	5.54
22 11 19 00-0497	EA		4" IPS, Split-Ring Chrome Plated Steel Escutcheon	19.90	5.78
22 11 19 00-0498	EA		5" IPS, Split-Ring Chrome Plated Steel Escutcheon	26.33	6.35
22 11 19 00-0499	EA		6" IPS, Split-Ring Chrome Plated Steel Escutcheon	31.02	6.93

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 11 19 00-0500 Split-Ring/Springs Chrome Plated Steel Escutcheons (22 11 19 00-0486)					
22 11 19 00-0501	EA	3/8"	IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	11.77	2.88
22 11 19 00-0502	EA	1/2"	IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	11.77	2.88
22 11 19 00-0503	EA	3/4"	IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	12.53	3.23
22 11 19 00-0504	EA	1"	IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	12.05	3.47
22 11 19 00-0505	EA	1-1/4"	IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	15.00	3.81
22 11 19 00-0506	EA	1-1/2"	IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	15.85	4.04
22 11 19 00-0507	EA	2"	IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	18.89	4.62
22 11 19 00-0508	EA	2-1/2"	IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	21.98	4.96
22 11 19 00-0509	EA	3"	IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	27.36	5.19
22 11 19 00-0510	EA	3-1/2"	IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	34.17	5.54
22 11 19 00-0511	EA	4"	IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	34.57	5.78
22 11 19 00-0512	EA	5"	IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	59.05	6.35
22 11 19 00-0513	EA	6"	IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	61.46	6.93

22 11 19 00-0514 Deep Bell Chrome Plated Steel Escutcheons (22 11 19 00-0486)					
22 11 19 00-0515	EA	3/8"	IPS, Deep Bell Chrome Plated Steel Escutcheon	8.32	3.25
22 11 19 00-0516	EA	1/2"	IPS, Deep Bell Chrome Plated Steel Escutcheon	8.18	3.25
22 11 19 00-0517	EA	3/4"	IPS, Deep Bell Chrome Plated Steel Escutcheon	7.86	3.25
22 11 19 00-0518	EA	1"	IPS, Deep Bell Chrome Plated Steel Escutcheon	8.86	3.48
22 11 19 00-0519	EA	1-1/4"	IPS, Deep Bell Chrome Plated Steel Escutcheon	9.62	3.83
22 11 19 00-0520	EA	1-1/2"	IPS, Deep Bell Chrome Plated Steel Escutcheon	10.65	4.06

22 11 19 00-0521 Shallow Chrome Plated Steel Escutcheons (22 11 19 00-0486)					
22 11 19 00-0522	EA	3/8"	IPS, Shallow Chrome Plated Steel Escutcheon	7.27	2.90
22 11 19 00-0523	EA	1/2"	IPS, Shallow Chrome Plated Steel Escutcheon	7.27	2.90
22 11 19 00-0524	EA	3/4"	IPS, Shallow Chrome Plated Steel Escutcheon	7.42	2.90
22 11 19 00-0525	EA	1"	IPS, Shallow Chrome Plated Steel Escutcheon	7.97	3.48
22 11 19 00-0526	EA	1-1/4"	IPS, Shallow Chrome Plated Steel Escutcheon	8.62	3.83
22 11 19 00-0527	EA	1-1/2"	IPS, Shallow Chrome Plated Steel Escutcheon	9.63	4.06
22 11 19 00-0528	EA	2"	IPS, Shallow Chrome Plated Steel Escutcheon	10.89	4.64

22 11 19 00-0529 Keyed, Recessed Valve Boxes (22 11 19)					
22 11 19 00-0530	EA	8" x 8" x 4"	Painted Steel, Keyed, Recessed Valve Box	324.25	34.64
22 11 19 00-0531	EA	8" x 8" x 6"	Painted Steel, Keyed, Recessed Valve Box	360.68	34.64
22 11 19 00-0532	EA	8" x 8" x 8"	Painted Steel, Keyed, Recessed Valve Box	415.32	34.64
22 11 19 00-0533	EA	12" x 12" x 4"	Painted Steel, Keyed, Recessed Valve Box	401.98	46.18
22 11 19 00-0534	EA	12" x 12" x 6"	Painted Steel, Keyed, Recessed Valve Box	456.62	46.18
22 11 19 00-0535	EA	12" x 12" x 8"	Painted Steel, Keyed, Recessed Valve Box	473.01	46.18
22 11 19 00-0536	EA	8" x 8" x 4"	Stainless Steel, Keyed, Recessed Valve Box	382.53	34.64
22 11 19 00-0537	EA	8" x 8" x 6"	Stainless Steel, Keyed, Recessed Valve Box	462.67	34.64
22 11 19 00-0538	EA	8" x 8" x 8"	Stainless Steel, Keyed, Recessed Valve Box	533.71	34.64
22 11 19 00-0539	EA	12" x 12" x 4"	Stainless Steel, Keyed, Recessed Valve Box	503.98	46.18
22 11 19 00-0540	EA	12" x 12" x 6"	Stainless Steel, Keyed, Recessed Valve Box	575.01	46.18
22 11 19 00-0541	EA	12" x 12" x 8"	Stainless Steel, Keyed, Recessed Valve Box	602.33	46.18

22 11 23 Domestic Water Pumps (22 11)

22 11 23 13 Domestic Water Packaged Booster Pumps (22 11 23)

Note: Includes motor starter and controls.

22 11 23 13-0001 Simplex Domestic Water Packaged Booster Pumps And Tank (22 11 23 13)					
22 11 23 13-0002	EA	1 HP	Simplex Domestic Water Packaged Booster Pump And Tank	14,577.07	342.04
22 11 23 13-0003	EA	1.5 HP	Simplex Domestic Water Packaged Booster Pump And Tank	15,080.51	459.61
22 11 23 13-0004	EA	2 HP	Simplex Domestic Water Packaged Booster Pump And Tank	15,688.70	577.18
22 11 23 13-0005	EA	3 HP	Simplex Domestic Water Packaged Booster Pump And Tank	16,244.50	694.76
22 11 23 13-0006	EA	5 HP	Simplex Domestic Water Packaged Booster Pump And Tank	17,952.54	812.33
22 11 23 13-0007	EA	7.5 HP	Simplex Domestic Water Packaged Booster Pump And Tank	19,922.44	929.91
22 11 23 13-0008	EA	10 HP	Simplex Domestic Water Packaged Booster Pump And Tank	21,263.85	1,047.48

22 11 23 13-0009 Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator (22 11 23 13)

22 11 23 13-0010	EA	100 GPM	Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator	38,923.28	1,385.90
22 11 23 13-0011	EA	200 GPM	Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator	47,019.49	1,472.53
22 11 23 13-0012	EA	300 GPM	Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator	55,149.09	1,559.14

22 11 23 13-0013 Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator (22 11 23 13)

22 11 23 13-0014	EA	200 GPM	Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	51,484.37	1,472.53
22 11 23 13-0015	EA	300 GPM	Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	64,292.94	1,559.14
22 11 23 13-0016	EA	500 GPM	Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	80,055.90	1,732.38
22 11 23 13-0017	EA	750 GPM	Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	101,623.88	1,905.62
22 11 23 13-0018	EA	1,000 GPM	Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	123,191.84	2,078.86
22 11 23 13-0019	EA	1,750 GPM	Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	143,574.04	2,338.72
22 11 23 13-0020	EA	2,500 GPM	Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	163,956.25	2,598.57
22 11 23 13-0021	EA	3,750 GPM	Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	184,338.45	2,858.43
22 11 23 13-0022	EA	5,000 GPM	Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	204,937.21	3,204.91

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 11 23 13-0023
Variable Speed Duplex Domestic Water Pressure Booster Skid (22 11 23 13)

Note: AB1953 compliant, UL listed and labeled. Includes stainless steel headers with check, isolation, thermal relief valves, and start up support. The standard control package is integrated in a NEMA 1 enclosure and is outfitted with an individual VFD's which are controlled through a HOA and internally programmed PID logic for system control.

22 11 23 13-0024	EA		40 GPM At 40 To 70 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-1).....	40,288.32	1,538.62
22 11 23 13-0025	EA		40 GPM At 80 To 120 PSI, 80 GPM At 50 To 90 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-2).....	42,159.05	1,538.62
22 11 23 13-0026	EA		80 GPM At 80 PSI, 120 GPM At 40 To 90 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-3).....	44,832.11	1,538.62
22 11 23 13-0027	EA		80 GPM At 130 To 150 PSI, 120 GPM At 100 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-4).....	48,685.30	1,538.62
22 11 23 13-0028	EA		160 GPM At 40 To 50 PSI, 200 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-5).....	45,891.10	1,634.79
22 11 23 13-0029	EA		160 GPM At 60 To 80 PSI, 200 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-6).....	49,254.76	1,634.79
22 11 23 13-0030	EA		160 GPM At 90 To 110 PSI, 200 GPM At 80 To 100 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-7).....	53,822.93	1,634.79
22 11 23 13-0031	EA		160 To 200 GPM At 120 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-8).....	57,535.97	1,634.79
22 11 23 13-0032	EA		240 To 280 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-9).....	50,163.44	1,730.96
22 11 23 13-0033	EA		280 To 320 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-10).....	53,484.45	1,730.96
22 11 23 13-0034	EA		240 To 320 GPM At 90 To 120 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-11).....	60,910.52	1,730.96
22 11 23 13-0035	EA		240 To 320 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-12).....	73,373.96	1,730.96
22 11 23 13-0036	EA		360 To 400 GPM At 40 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-13).....	53,017.28	1,730.96
22 11 23 13-0037	EA		360 To 400 GPM At 50 To 80 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-14).....	59,791.33	1,730.96
22 11 23 13-0038	EA		360 To 400 GPM At 90 To 110 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-15).....	74,702.37	1,730.96
22 11 23 13-0039	EA		360 To 400 GPM At 120 To 140 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-16).....	74,271.75	1,730.96
22 11 23 13-0040	EA		440 To 480 GPM At 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-17).....	88,633.80	1,923.29
22 11 23 13-0041	EA		440 To 480 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-18).....	60,704.80	1,923.29
22 11 23 13-0042	EA		440 To 480 GPM At 60 To 90 PSI, 520 To 600 GPM At 40 To 80 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-19).....	74,283.37	1,923.29
22 11 23 13-0043	EA		440 To 480 GPM At 100 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-20).....	73,854.79	1,923.29
22 11 23 13-0044	EA		440 To 600 GPM At 100 To 120 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-21).....	89,300.04	1,923.29
22 11 23 13-0045	EA		440 To 600 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-22).....	108,192.23	1,923.29
22 11 23 13-0046	EA		60 GPM At 40 To 70 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-1).....	51,078.05	1,538.62

22 11 23 13-0047
Variable Speed Triplex Domestic Water Pressure Booster Skid (22 11 23 13)

Note: AB1953 compliant, UL listed and labeled. Includes stainless steel headers with check, isolation, thermal relief valves, and start up support. The standard control package is integrated in a NEMA 1 enclosure and is outfitted with an individual VFD's which are controlled through a HOA and internally programmed PID logic for system control.

22 11 23 13-0048	EA		60 GPM At 80 To 130 PSI, 120 GPM At 50 To 90 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-2).....	51,078.05	1,538.62
22 11 23 13-0049	EA		120 GPM At 100 To 120 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-3).....	57,208.22	1,538.62
22 11 23 13-0050	EA		60 GPM At 140 To 150 PSI, 120 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-4).....	62,497.46	1,538.62
22 11 23 13-0051	EA		180 GPM At 40 To 90 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-5).....	57,448.63	1,634.79
22 11 23 13-0052	EA		180 GPM At 100 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-6).....	62,701.31	1,634.79
22 11 23 13-0053	EA		240 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-7).....	58,675.47	1,634.79
22 11 23 13-0054	EA		240 GPM At 60 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-8).....	63,190.83	1,634.79
22 11 23 13-0055	EA		240 GPM At 90 To 110 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-9).....	69,400.21	1,634.79
22 11 23 13-0056	EA		240 GPM At 120 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-10).....	74,547.27	1,634.79
22 11 23 13-0057	EA		300 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-11).....	59,212.44	1,730.96
22 11 23 13-0058	EA		300 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-12).....	63,727.79	1,730.96
22 11 23 13-0059	EA		300 GPM At 80 To 100 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-13).....	69,935.14	1,730.96
22 11 23 13-0060	EA		300 GPM At 110 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-14).....	75,082.20	1,730.96
22 11 23 13-0061	EA		360 GPM At 40 To 60 PSI, 420 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-15).....	64,290.44	1,730.96

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

22 11 23 13-0062	EA	360 GPM At 70 To 80 PSI, 420 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-16).....	68,627.05	1,730.96
22 11 23 13-0063	EA	360 GPM At 90 To 130 PSI, 420 GPM At 80 To 120 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-17).....	79,341.63	1,730.96
22 11 23 13-0064	EA	360 GPM At 140 To 150 PSI, 420 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-18).....	96,826.20	1,730.96
22 11 23 13-0065	EA	480 GPM At 40 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-19).....	65,656.87	1,923.29
22 11 23 13-0066	EA	480 GPM At 50 To 70 PSI, 520 To 600 GPM At 40 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-20).....	69,995.51	1,923.29
22 11 23 13-0067	EA	480 GPM At 80 To 110 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-21).....	80,710.09	1,923.29
22 11 23 13-0068	EA	480 GPM At 120 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-22).....	98,192.63	1,923.29
22 11 23 13-0069	EA	540 GPM At 40 PSI, 600 GPM At 40 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-23).....	69,292.72	1,923.29
22 11 23 13-0070	EA	540 GPM At 50 To 90 PSI, 600 GPM At 50 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-24).....	79,030.29	1,923.29
22 11 23 13-0071	EA	540 GPM At 100 To 110 PSI, 600 GPM At 90 To 110 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-25).....	100,183.21	1,923.29
22 11 23 13-0072	EA	540 GPM At 120 To 130 PSI, 600 GPM At 120 To 130 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-26).....	102,232.69	1,923.29
22 11 23 13-0073	EA	540 GPM At 140 To 150 PSI, 600 GPM At 140 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-27).....	126,787.86	1,923.29
22 11 23 13-0074	EA	660 GPM At 40 To 50 PSI, 720 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-28).....	78,490.87	2,307.94
22 11 23 13-0075	EA	660 GPM At 60 To 90 PSI, 720,780,840,900 GPM At 60 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-29).....	94,539.38	2,307.94
22 11 23 13-0076	EA	660, 720, 780 GPM At 100 PSI, 840 To 900 GPM At 90 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-30).....	100,624.86	2,307.94
22 11 23 13-0077	EA	660, 720, 780, 840, 900 GPM At 110 To 120 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-31).....	121,499.50	2,307.94
22 11 23 13-0078	EA	660, 720, 780, 840, 900 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-32).....	150,710.19	2,307.94

22 11 23 23 Domestic-Water In-Line Pumps (22 11 23)

22 11 23 23-0001 Bronze In-Line Centrifugal Domestic Water Booster Pumps (22 11 23 23)

Note: ODP motor.

22 11 23 23-0002	EA	1/12 HP, 3/4" To 1-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL30B).....	1,238.77	192.39
22 11 23 23-0003	EA	1/6 HP, 3/4" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL36B).....	1,274.73	192.39
22 11 23 23-0004	EA	1/6 HP, 1" To 1-1/4" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL45B).....	1,336.96	196.13
22 11 23 23-0005	EA	1/6 HP, 1-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL50B).....	1,480.13	204.15
22 11 23 23-0006	EA	1/6 HP, 2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL75B).....	2,739.75	211.75
22 11 23 23-0007	EA	1/6 HP, 2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G 2AB).....	2,930.50	211.75
22 11 23 23-0008	EA	1/4 HP, 2-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G 2-1/2AB).....	4,426.71	233.14
22 11 23 23-0009	EA	1/4 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G LD3 AB).....	4,608.87	256.13
22 11 23 23-0010	EA	1/3 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G HD3 AB).....	5,595.87	281.80
22 11 23 23-0011	EA	1/2 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB35S).....	5,706.97	310.14
22 11 23 23-0012	EA	3/4 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB37S).....	6,240.30	340.62
22 11 23 23-0013	EA	1 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB38S).....	9,006.49	374.84
22 11 23 23-0014	EA	1-1/2 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB40S).....	10,396.76	393.02

22 11 23 23-0015 Cast Iron In-Line Centrifugal Domestic Water Booster Pumps (22 11 23 23)

Note: ODP motor.

22 11 23 23-0016	EA	1/12 HP, 3/4" To 1-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL30).....	1,294.68	192.39
22 11 23 23-0017	EA	1/6 HP, 3/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL36).....	2,238.88	192.39
22 11 23 23-0018	EA	1/6 HP, 1" To 1-1/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL45).....	2,246.61	196.13
22 11 23 23-0019	EA	1/6 HP, 1-1/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL45).....	2,246.61	200.41
22 11 23 23-0020	EA	1/6 HP, 1-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL50).....	2,292.46	204.15
22 11 23 23-0021	EA	1/6 HP, 2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL75).....	2,333.58	211.75
22 11 23 23-0022	EA	1/4 HP, 2-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 2-1/2).....	2,866.93	233.14
22 11 23 23-0023	EA	1/3 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G HD30).....	3,709.55	281.80
22 11 23 23-0024	EA	1/2 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD35S).....	3,900.79	310.14
22 11 23 23-0025	EA	3/4 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD37S).....	4,565.47	340.62
22 11 23 23-0026	EA	1 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD38S).....	6,209.42	374.84
22 11 23 23-0027	EA	1-1/2 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD40S).....	7,284.99	393.02
22 11 23 23-0028	EA	2 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF).....	6,506.30	412.81
22 11 23 23-0029	EA	3 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF).....	6,988.33	453.77
22 11 23 23-0030	EA	5 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF).....	7,677.54	481.25
22 11 23 23-0031	EA	7-1/2 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF).....	9,781.87	534.72
22 11 23 23-0032	EA	10 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF).....	10,333.35	641.77
22 11 23 23-0033	EA	15 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF).....	13,220.79	748.93

22 12 Facility Potable-Water Storage Tanks (22 10)

22 12 19 Facility Ground-Mounted, Potable-Water Storage Tanks (22 12)

22 12 19 00-0001 Steel, Horizontal, Ground-Mounted Water Tanks (22 12 19)

22 12 19 00-0002	EA	5,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank.....	40,801.37	9,276.98
22 12 19 00-0003	EA	10,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank.....	46,468.16	9,276.98
22 12 19 00-0004	EA	20,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank.....	84,041.31	14,316.35
22 12 19 00-0005	EA	35,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank.....	108,467.53	18,553.96

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION	UNIT COST	UNIT COST		

22 12 19 00-0006 Galvanized Steel, Flat Bottom, Vertical Storage Tanks (22 12 19)									
22 12 19 00-0007	EA		5,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank.....	49,196.62				9,276.98	
22 12 19 00-0008	EA		10,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank.....	68,925.46				9,276.98	
22 12 19 00-0009	EA		20,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank.....	102,658.87				14,316.35	
22 12 19 00-0010	EA		35,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank.....	148,093.08				18,553.96	

22 12 23 Facility Indoor Potable-Water Storage Tanks (22 12)

22 12 23 13 Facility Steel, Indoor Potable-Water Storage Pressure Tanks (22 12 23)

22 12 23 13-0001 Insulated Glass Lined Storage Tank (A.O. Smith TJ, TJV And TJH) (22 12 23 13)									
22 12 23 13-0002	EA		80 Gallon ASME Rated Tank, 150PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJ-80A).....	2,610.78				427.54	
22 12 23 13-0003	EA		119 Gallon 150 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-120M).....	3,233.80				534.43	
22 12 23 13-0004	EA		140 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-140A).....	6,018.83				587.87	
22 12 23 13-0005	EA		200 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-200A).....	6,657.27				641.31	
22 12 23 13-0006	EA		250 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-250A).....	13,297.03				694.76	
22 12 23 13-0007	EA		350 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-350A).....	11,438.78				748.20	
22 12 23 13-0008	EA		400 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-400A).....	19,696.56				801.64	
22 12 23 13-0009	EA		500 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-500A).....	18,136.38				855.08	
22 12 23 13-0010	EA		750 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-750A).....	19,705.04				908.53	
22 12 23 13-0011	EA		1,000 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-1000A).....	23,493.49				961.97	

22 12 23 13-0012 Uninsulated Glass Lined Storage Tank (A.O. Smith T) (22 12 23 13)

22 12 23 13-0013	EA		80 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-80S).....	2,226.44				427.54	
22 12 23 13-0014	EA		120 Gallon 150 PSA, Uninsulated, Glass Lined Water Storage Tank (T-120S).....	4,316.31				534.43	
22 12 23 13-0015	EA		140 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-140A).....	5,407.58				587.87	
22 12 23 13-0016	EA		200 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-200S).....	6,695.10				641.31	
22 12 23 13-0017	EA		200 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-200A).....	5,673.87				641.31	
22 12 23 13-0018	EA		250 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-250A).....	8,812.35				694.76	
22 12 23 13-0019	EA		325 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-325A).....	9,537.82				748.20	
22 12 23 13-0020	EA		350 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-350S).....	9,073.89				748.20	
22 12 23 13-0021	EA		350 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-350A).....	8,271.36				748.20	
22 12 23 13-0022	EA		400 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-400A).....	11,345.78				801.64	
22 12 23 13-0023	EA		500 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-500A).....	12,309.89				855.08	
22 12 23 13-0024	EA		750 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-750A).....	14,302.35				908.53	
22 12 23 13-0025	EA		1,000 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-1000A).....	26,929.81				961.97	

22 12 23 26 Facility Plastic, Indoor Potable-Water Storage Non-Pressure Tanks (22 12 23)

22 12 23 26-0001 Horizontal Non-Pressurized Polyethylene Tanks (22 12 23 26)

Note: Excludes excavation and backfill.

22 12 23 26-0002	EA		100 Gallon Horizontal Non-Pressurized Polyethylene Tank.....	709.48				240.50	
			<i>For Saddle Assembly, Add</i>	792.89					
22 12 23 26-0003	EA		150 Gallon Horizontal Non-Pressurized Polyethylene Tank.....	831.14				280.58	
			<i>For Saddle Assembly, Add</i>	792.89					
22 12 23 26-0004	EA		200 Gallon Horizontal Non-Pressurized Polyethylene Tank.....	986.90				320.66	
			<i>For Saddle Assembly, Add</i>	908.86					
22 12 23 26-0005	EA		300 Gallon Horizontal Non-Pressurized Polyethylene Tank.....	1,204.07				360.74	
			<i>For Saddle Assembly, Add</i>	1,361.37					
22 12 23 26-0006	EA		335 Gallon Horizontal Non-Pressurized Polyethylene Tank.....	1,446.25				400.83	
			<i>For Two Tie Down Bands, Add</i>	454.28					
22 12 23 26-0007	EA		535 Gallon Horizontal Non-Pressurized Polyethylene Tank.....	1,861.93				542.19	
			<i>For Two Tie Down Bands, Add</i>	486.11					
22 12 23 26-0008	EA		1,035 Gallon Horizontal Non-Pressurized Polyethylene Tank.....	2,794.83				632.55	
			<i>For Three Tie Down Bands, Add</i>	831.50					
22 12 23 26-0009	EA		1,335 Gallon Horizontal Non-Pressurized Polyethylene Tank.....	4,045.03				722.92	
			<i>For Three Tie Down Bands, Add</i>	838.33					
22 12 23 26-0010	EA		1,635 Gallon Horizontal Non-Pressurized Polyethylene Tank.....	5,054.62				813.28	
			<i>For Four Tie Down Bands, Add</i>	1,135.95					
22 12 23 26-0011	EA		2,035 Gallon Horizontal Non-Pressurized Polyethylene Tank.....	5,924.27				903.65	
			<i>For Four Tie Down Bands, Add</i>	1,599.83					
22 12 23 26-0012	EA		2,635 Gallon Horizontal Non-Pressurized Polyethylene Tank.....	8,488.18				994.02	
			<i>For Four Tie Down Bands, Add</i>	2,109.19					
22 12 23 26-0013	EA		3,135 Gallon Horizontal Non-Pressurized Polyethylene Tank.....	9,836.58				1,084.38	
			<i>For Four Tie Down Bands, Add</i>	2,282.01					
22 12 23 26-0014	EA		4,035 Gallon Horizontal Non-Pressurized Polyethylene Tank.....	14,136.65				1,445.84	
			<i>For Four Tie Down Bands, Add</i>	2,582.17					
22 12 23 26-0015	EA		5,025 Gallon Horizontal Non-Pressurized Polyethylene Tank.....	18,315.91				1,445.84	
			<i>For Five Tie Down Bands, Add</i>	4,057.69					

22 12 23 26-0016 Vertical Non-Pressurized Polyethylene Tanks (22 12 23 26)

22 12 23 26-0017	EA		100 Gallon Vertical Non-Pressurized Polyethylene Tank.....	770.88				320.66	
22 12 23 26-0018	EA		160 Gallon Vertical Non-Pressurized Polyethylene Tank.....	931.77				340.70	
22 12 23 26-0019	EA		210 Gallon Vertical Non-Pressurized Polyethylene Tank.....	1,024.43				360.74	
22 12 23 26-0020	EA		300 Gallon Vertical Non-Pressurized Polyethylene Tank.....	1,243.87				400.83	

22 Plumbing**22 10 Plumbing Piping****22 12 Facility Potable-Water Storage Tanks**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 12 23 26-0021	EA	405 Gallon Vertical Non-Pressurized Polyethylene Tank.....	1,416.69	480.99
22 12 23 26-0022	EA	500 Gallon Vertical Non-Pressurized Polyethylene Tank.....	1,673.66	561.15
22 12 23 26-0023	EA	800 Gallon Vertical Non-Pressurized Polyethylene Tank.....	2,337.31	722.92
22 12 23 26-0024	EA	1,000 Gallon Vertical Non-Pressurized Polyethylene Tank.....	3,028.53	903.65
22 12 23 26-0025	EA	2,000 Gallon Vertical Non-Pressurized Polyethylene Tank.....	4,079.02	1,084.38
22 12 23 26-0026	EA	3,000 Gallon Vertical Non-Pressurized Polyethylene Tank.....	5,343.25	1,265.10
22 12 23 26-0027	EA	4,000 Gallon Vertical Non-Pressurized Polyethylene Tank.....	7,887.71	1,445.84
22 12 23 26-0028	EA	5,000 Gallon Vertical Non-Pressurized Polyethylene Tank.....	10,700.48	1,626.57
22 12 23 26-0029	EA	6,250 Gallon Vertical Non-Pressurized Polyethylene Tank.....	12,132.99	1,807.30
22 12 23 26-0030	EA	7,000 Gallon Vertical Non-Pressurized Polyethylene Tank.....	13,369.95	1,988.03
22 12 23 26-0031	EA	8,000 Gallon Vertical Non-Pressurized Polyethylene Tank.....	15,411.85	2,168.75
22 12 23 26-0032	EA	9,150 Gallon Vertical Non-Pressurized Polyethylene Tank.....	17,415.12	2,349.49
22 12 23 26-0033	EA	10,500 Gallon Vertical Non-Pressurized Polyethylene Tank.....	21,578.60	2,530.22
22 12 23 26-0034	EA	12,500 Gallon Vertical Non-Pressurized Polyethylene Tank.....	25,971.69	2,891.67

22 13 Facility Sanitary Sewerage (22 10)**22 13 13 Facility Sanitary Sewers** (22 13)**22 13 13 00-0001 Fixture Rough-In** (22 13 13)

Note: Excludes fixture. Not for use when individual component details are available, on remodeling work where partial pipe and fittings are installed or on residential projects. For use on commercial restrooms with multiple toilets, urinals and lavatories. Includes waste and vent pipe and fittings and domestic water supply pipe and fittings. Waste piping is included from fixture outlet tee to floor, vent piping is included from outlet tee within the wall to the ceiling and domestic water supply from ceiling to fixture and stub out with caps. Based on vertical floor to floor of 12'. Use detailed tasks (i.e. individual pipe and fittings, insulation, hangers, etc.) instead of rough-in assembly where possible. See CSI section 22 07 19 00-0000 for insulation, 22 11 16 00-0368 for copper pipe and fittings, 22 13 16 00-0000 for PVC or cast iron sanitary waste and vent pipe and fittings, 23 05 29 00-0000 for hangers.

22 13 13 00-0002 Single Fixture Rough-In, Cast Iron Waste And Vent Pipe (22 13 13 00-0001)

Note: Single fixtures have one fixture to one pipe riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.

22 13 13 00-0003	EA	Floor Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,293.81	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.		
22 13 13 00-0004	EA	Wall Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,828.58	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.		
22 13 13 00-0005	EA	Tank Type Floor Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,157.62	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.		
22 13 13 00-0006	EA	Wall Mounted Urinal, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	771.81	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.		
22 13 13 00-0007	EA	Wall Mounted Lavatory, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	911.58	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.		
22 13 13 00-0008	EA	Countertop Kitchen Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,134.07	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.		
22 13 13 00-0009	EA	Bathub, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,230.55	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.		
22 13 13 00-0010	EA	Free Standing Water Cooler, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	739.46	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.		
22 13 13 00-0011	EA	Floor Mounted Service Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,157.62	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.		
22 13 13 00-0012	EA	Wall Mounted Service Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,174.98	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.		
22 13 13 00-0013	EA	Shower, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,121.52	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.		
22 13 13 00-0014	EA	Bidet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,293.81	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.		
22 13 13 00-0015	EA	Floor Mounted Circular Wash Fountain, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	2,038.52	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.		
22 13 13 00-0016	EA	Bathub/Shower, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,257.31	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.		

22 13 13 00-0017 Double Fixture Rough-In, Cast Iron Waste And Vent Pipe (22 13 13 00-0001)

Note: Double fixtures have two "back-to-back" waste connections to one riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.

22 13 13 00-0018	EA	Floor Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,724.77	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.		
22 13 13 00-0019	EA	Wall Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	2,450.31	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.		
22 13 13 00-0020	EA	Tank Type Floor Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,485.60	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.		
22 13 13 00-0021	EA	Wall Mounted Urinal, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	946.99	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.		
22 13 13 00-0022	EA	Wall Mounted Lavatory, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,231.05	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.		
22 13 13 00-0023	EA	Countertop Kitchen Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,311.34	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.		
22 13 13 00-0024	EA	Free Standing Water Cooler, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	886.18	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.		
22 13 13 00-0025	EA	Floor Mounted Service Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,496.27	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 13 13 00-0026	EA			Wall Mounted Service Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe..... 1,251.30 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.		
22 13 13 00-0027	EA			Shower, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe 1,224.61 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower heads and faucets.		
22 13 13 00-0028	EA			Bidet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe 1,724.77 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucets.		
22 13 13 00-0029				Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe <small>(22 13 13 00-0001)</small> Note: Gang fixtures include multiple fixtures to one pipe riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0030	EA			Floor Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe 861.89 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.		
22 13 13 00-0031	EA			Wall Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe 1,225.15 Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture, carrier and flush valve.		
22 13 13 00-0032	EA			Tank Type Floor Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe 743.32 Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture.		
22 13 13 00-0033	EA			Wall Mounted Urinal, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe 474.03 Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture, carrier and flush valve.		
22 13 13 00-0034	EA			Wall Mounted Lavatory, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe 615.55 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.		
22 13 13 00-0035	EA			Countertop Kitchen Sink, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe 655.66 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.		
22 13 13 00-0036	EA			Free Standing Water Cooler, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe 469.81 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.		
22 13 13 00-0037	EA			Rough-in Service Sink, Floor Mounted, Gang Mounted Fixture Including Cast Iron Waste Pipe And Vent And Copper Domestic Supply, Not Including Fixture Or Faucet 747.60 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.		
22 13 13 00-0038	EA			Wall Mounted Service Sink, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe 625.65 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.		
22 13 13 00-0039	EA			Shower, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe 612.82 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower heads and faucets.		
22 13 13 00-0040	EA			Bidet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe 854.39 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.		
22 13 13 00-0041				Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe <small>(22 13 13 00-0001)</small> Note: Single fixtures have one fixture to one pipe riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0042	EA			Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Floor Mounted, Water Closet 605.69 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.		
22 13 13 00-0043	EA			Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Wall Mounted, Water Closet 674.25 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.		
22 13 13 00-0044	EA			Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Tank Type, Floor Mounted, Water Closet 574.05 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.		
22 13 13 00-0045	EA			Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Wall Mounted, Urinal 347.14 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.		
22 13 13 00-0046	EA			Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Wall Mounted, Lavatory 406.99 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.		
22 13 13 00-0047	EA			Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Countertop, Kitchen Sink 551.40 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.		
22 13 13 00-0048	EA			Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Bathtub 559.98 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.		
22 13 13 00-0049	EA			Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Free Standing, Water Cooler 343.12 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.		
22 13 13 00-0050	EA			Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Floor Mounted, Service Sink 574.05 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.		
22 13 13 00-0051	EA			Wall Mounted Service Sink, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe 609.06 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.		
22 13 13 00-0052	EA			Shower, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe 562.19 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.		
22 13 13 00-0053	EA			Bidet, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe 605.56 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.		
22 13 13 00-0054	EA			Floor Mounted Circular Wash Fountain, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe 935.92 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.		
22 13 13 00-0055	EA			Bathtub/Shower, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe 583.36 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.		
22 13 13 00-0056				Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe <small>(22 13 13 00-0001)</small> Note: Double fixtures have two "back-to-back" waste connections to one riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		

22 Plumbing
22 10 Plumbing Piping
22 13 Facility Sanitary Sewerage

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

22 13 13 00-0057	EA	Floor Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	739.67	
22 13 13 00-0058	EA	Wall Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	882.97	
22 13 13 00-0059	EA	Tank Type Floor Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures.	642.92	
22 13 13 00-0060	EA	Wall Mounted Urinal, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	387.68	
22 13 13 00-0061	EA	Wall Mounted Lavatory, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures, carrier and faucets.	566.86	
22 13 13 00-0062	EA	Countertop Kitchen Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures and faucets.	592.43	
22 13 13 00-0063	EA	Free Standing Water Cooler, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures.	377.07	
22 13 13 00-0064	EA	Floor Mounted Service Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	652.42	
22 13 13 00-0065	EA	Wall Mounted Service Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	626.72	
22 13 13 00-0066	EA	Shower, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	602.86	
22 13 13 00-0067	EA	Bidet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	739.67	

22 13 13 00-0068 Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe ^(22 13 13 00-0001)

Note: Gang fixtures include multiple fixtures to one pipe riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.

22 13 13 00-0069	EA	Floor Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	369.40	
22 13 13 00-0070	EA	Wall Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	440.97	
22 13 13 00-0071	EA	Tank Type Floor Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	321.77	
22 13 13 00-0072	EA	Wall Mounted Urinal, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	193.90	
22 13 13 00-0073	EA	Wall Mounted Lavatory, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	283.40	
22 13 13 00-0074	EA	Countertop Kitchen Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	295.95	
22 13 13 00-0075	EA	Free Standing Water Cooler, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	188.52	
22 13 13 00-0076	EA	Floor Mounted Service Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	326.12	
22 13 13 00-0077	EA	Wall Mounted Service Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	313.40	
22 13 13 00-0078	EA	Shower, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	301.90	
22 13 13 00-0079	EA	Bidet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	362.31	

22 13 16 Sanitary Waste and Vent Piping ^(22 13)

22 13 16 00-0001 Cast Iron Soil Pipe Assemblies ^(22 13 16)

22 13 16 00-0002 Underground Bell And Spigot Cast Iron Soil Pipe Assemblies ^(22 13 16 00-0001)

Note: Includes fittings and gaskets. Fittings are assumed every 10'. Excludes excavation, backfill and compaction. Not for use where detail is available.

22 13 16 00-0003	LF	2" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	41.86	6.73
		<i>For Work In Restricted Working Space, Add</i>	4.94	
22 13 16 00-0004	LF	3" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	60.36	10.15
		<i>For Work In Restricted Working Space, Add</i>	6.70	
22 13 16 00-0005	LF	4" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	78.42	12.93
		<i>For Work In Restricted Working Space, Add</i>	8.62	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	22 13 16 00-0006	LF		5" Underground Bell And Spigot Cast Iron Soil Pipe Assembly..... Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	93.30	15.99
				<i>For Work In Restricted Working Space, Add</i>	8.77	
	22 13 16 00-0007	LF		6" Underground Bell And Spigot Cast Iron Soil Pipe Assembly..... Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	110.48	16.99
				<i>For Work In Restricted Working Space, Add</i>	9.74	
	22 13 16 00-0008	LF		8" Underground Bell And Spigot Cast Iron Soil Pipe Assembly..... Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	178.29	24.24
				<i>For Work In Restricted Working Space, Add</i>	13.73	
	22 13 16 00-0009	LF		10" Underground Bell And Spigot Cast Iron Soil Pipe Assembly..... Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	269.21	24.24
				<i>For Work In Restricted Working Space, Add</i>	15.54	
22 13 16 00-0010	Aboveground No Hub Cast Iron Soil Pipe Assemblies <small>(22 13 16 00-0001)</small>					
				Note: Includes fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
	22 13 16 00-0011	LF		1-1/2" Aboveground No Hub Cast Iron Soil Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	31.60	6.42
				<i>For Work In Restricted Working Space, Add</i>	5.63	
	22 13 16 00-0012	LF		2" Aboveground No Hub Cast Iron Soil Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	33.47	6.84
				<i>For Work In Restricted Working Space, Add</i>	6.05	
	22 13 16 00-0013	LF		3" Aboveground No Hub Cast Iron Soil Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	42.78	9.94
				<i>For Work In Restricted Working Space, Add</i>	7.42	
	22 13 16 00-0014	LF		4" Aboveground No Hub Cast Iron Soil Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	51.47	12.93
				<i>For Work In Restricted Working Space, Add</i>	8.87	
	22 13 16 00-0015	LF		5" Aboveground No Hub Cast Iron Soil Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	67.18	15.29
				<i>For Work In Restricted Working Space, Add</i>	10.38	
	22 13 16 00-0016	LF		6" Aboveground No Hub Cast Iron Soil Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	76.43	16.69
				<i>For Work In Restricted Working Space, Add</i>	11.31	
	22 13 16 00-0017	LF		8" Aboveground No Hub Cast Iron Soil Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	120.51	24.03
				<i>For Work In Restricted Working Space, Add</i>	15.64	
	22 13 16 00-0018	LF		10" Aboveground No Hub Cast Iron Soil Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 20'. Not for use where detail is available.	171.72	27.31
				<i>For Work In Restricted Working Space, Add</i>	18.18	
22 13 16 00-0019	Bell And Spigot Cast Iron Soil Pipe And Fittings <small>(22 13 16)</small>					
				Note: Service weight. ASTM A74 and CISPI 301 (Fitting Requirements).		
22 13 16 00-0020	Bell And Spigot Cast Iron Pipe <small>(22 13 16 00-0019)</small>					
				Note: Excludes excavation, hangers, gaskets, and fittings.		
	22 13 16 00-0021	LF		2" Bell And Spigot Cast Iron Pipe.....	30.51	6.73
				<i>For Extra Heavy Pipe, Add</i>	8.54	
				<i>For Above Ground Cast Iron Pipe Installation, Add</i>	0.51	
				<i>For Work In Restricted Working Space, Add</i>	3.05	
	22 13 16 00-0022	LF		3" Bell And Spigot Cast Iron Pipe.....	44.40	10.15
				<i>For Extra Heavy Pipe, Add</i>	12.23	
				<i>For Above Ground Cast Iron Pipe Installation, Add</i>	0.76	
				<i>For Work In Restricted Working Space, Add</i>	4.58	
	22 13 16 00-0023	LF		4" Bell And Spigot Cast Iron Pipe.....	57.31	12.93
				<i>For Extra Heavy Pipe, Add</i>	15.91	
				<i>For Above Ground Cast Iron Pipe Installation, Add</i>	0.97	
				<i>For Work In Restricted Working Space, Add</i>	5.83	
	22 13 16 00-0024	LF		5" Bell And Spigot Cast Iron Pipe.....	76.78	15.59
				<i>For Extra Heavy Pipe, Add</i>	22.45	
				<i>For Above Ground Cast Iron Pipe Installation, Add</i>	1.17	
				<i>For Work In Restricted Working Space, Add</i>	7.00	
	22 13 16 00-0025	LF		6" Bell And Spigot Cast Iron Pipe.....	90.55	16.99
				<i>For Extra Heavy Pipe, Add</i>	27.35	
				<i>For Above Ground Cast Iron Pipe Installation, Add</i>	1.27	
				<i>For Work In Restricted Working Space, Add</i>	7.63	
	22 13 16 00-0026	LF		8" Bell And Spigot Cast Iron Pipe.....	137.62	24.24
				<i>For Extra Heavy Pipe, Add</i>	42.53	
				<i>For Above Ground Cast Iron Pipe Installation, Add</i>	1.82	
				<i>For Work In Restricted Working Space, Add</i>	10.91	
	22 13 16 00-0027	LF		10" Bell And Spigot Cast Iron Pipe.....	209.50	27.31
				<i>For Extra Heavy Pipe, Add</i>	70.81	
				<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.05	
				<i>For Work In Restricted Working Space, Add</i>	12.27	

22 Plumbing**22 10 Plumbing Piping****22 13 Facility Sanitary Sewerage**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0028	LF		12" Bell And Spigot Cast Iron Pipe	299.44	36.41
			<i>For Extra Heavy Pipe, Add</i>	102.86	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.73	
			<i>For Work In Restricted Working Space, Add</i>	16.36	
22 13 16 00-0029	LF		15" Bell And Spigot Cast Iron Pipe	423.39	43.67
			<i>For Extra Heavy Pipe, Add</i>	150.33	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	3.27	
			<i>For Work In Restricted Working Space, Add</i>	19.64	
22 13 16 00-0030			Bell And Spigot Cast Iron Fittings (22 13 16 00-0019)		
22 13 16 00-0031			Bell And Spigot Cast Iron Long Sweeps (22 13 16 00-0030)		
22 13 16 00-0032	EA		2" Bell And Spigot Cast Iron Long Sweep	102.50	30.67
			<i>For Extra Heavy Fittings, Add</i>	19.79	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.30	
			<i>For Work In Restricted Working Space, Add</i>	13.79	
22 13 16 00-0033	EA		3" Bell And Spigot Cast Iron Long Sweep	172.47	38.58
			<i>For Extra Heavy Fittings, Add</i>	40.15	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.89	
			<i>For Work In Restricted Working Space, Add</i>	17.33	
22 13 16 00-0034	EA		4" Bell And Spigot Cast Iron Long Sweep	229.78	51.30
			<i>For Extra Heavy Fittings, Add</i>	53.51	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	3.85	
			<i>For Work In Restricted Working Space, Add</i>	23.07	
22 13 16 00-0035	EA		6" Bell And Spigot Cast Iron Long Sweep	356.26	65.96
			<i>For Extra Heavy Fittings, Add</i>	90.09	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.94	
			<i>For Work In Restricted Working Space, Add</i>	29.66	
22 13 16 00-0036	EA		8" Bell And Spigot Cast Iron Long Sweep	701.93	85.30
			<i>For Extra Heavy Fittings, Add</i>	200.93	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.39	
			<i>For Work In Restricted Working Space, Add</i>	38.35	
22 13 16 00-0037	EA		10" Bell And Spigot Cast Iron Long Sweep	959.19	104.93
			<i>For Extra Heavy Fittings, Add</i>	280.65	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	7.87	
			<i>For Work In Restricted Working Space, Add</i>	47.20	
22 13 16 00-0038	EA		12" Bell And Spigot Cast Iron Long Sweep	1,469.75	146.46
			<i>For Extra Heavy Fittings, Add</i>	437.56	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	10.98	
			<i>For Work In Restricted Working Space, Add</i>	65.88	
22 13 16 00-0039	EA		15" Bell And Spigot Cast Iron Long Sweep	2,723.67	203.93
			<i>For Extra Heavy Fittings, Add</i>	846.27	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	15.29	
			<i>For Work In Restricted Working Space, Add</i>	91.73	
22 13 16 00-0040			Bell And Spigot Cast Iron Short Sweeps (22 13 16 00-0030)		
22 13 16 00-0041	EA		2" Bell And Spigot Cast Iron Short Sweep	87.58	30.67
			<i>For Extra Heavy Fittings, Add</i>	14.56	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.30	
			<i>For Work In Restricted Working Space, Add</i>	13.79	
22 13 16 00-0042	EA		3" Bell And Spigot Cast Iron Short Sweep	147.42	38.58
			<i>For Extra Heavy Fittings, Add</i>	31.38	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.89	
			<i>For Work In Restricted Working Space, Add</i>	17.33	
22 13 16 00-0043	EA		4" Bell And Spigot Cast Iron Short Sweep	201.61	51.30
			<i>For Extra Heavy Fittings, Add</i>	43.65	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	3.85	
			<i>For Work In Restricted Working Space, Add</i>	23.07	
22 13 16 00-0044	EA		5" Bell And Spigot Cast Iron Short Sweep	299.67	56.06
			<i>For Extra Heavy Fittings, Add</i>	75.47	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.20	
			<i>For Work In Restricted Working Space, Add</i>	25.21	
22 13 16 00-0045	EA		6" Bell And Spigot Cast Iron Short Sweep	361.63	65.96
			<i>For Extra Heavy Fittings, Add</i>	91.97	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.94	
			<i>For Work In Restricted Working Space, Add</i>	29.66	
22 13 16 00-0046	EA		8" Bell And Spigot Cast Iron Short Sweep	593.99	85.30
			<i>For Extra Heavy Fittings, Add</i>	163.15	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.39	
			<i>For Work In Restricted Working Space, Add</i>	38.35	
22 13 16 00-0047	EA		10" Bell And Spigot Cast Iron Short Sweep	867.09	104.93
			<i>For Extra Heavy Fittings, Add</i>	248.41	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	7.87	
			<i>For Work In Restricted Working Space, Add</i>	47.20	
22 13 16 00-0048	EA		12" Bell And Spigot Cast Iron Short Sweep	1,435.40	146.46
			<i>For Extra Heavy Fittings, Add</i>	425.53	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	10.98	
			<i>For Work In Restricted Working Space, Add</i>	65.88	
22 13 16 00-0049			Bell And Spigot Cast Iron 1/4 Bends (22 13 16 00-0030)		
22 13 16 00-0050	EA		2" Bell And Spigot Cast Iron 1/4 Bend	79.10	30.57
			<i>For Extra Heavy Fittings, Add</i>	11.63	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.29	
			<i>For Work In Restricted Working Space, Add</i>	13.76	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0051	EA		3" Bell And Spigot Cast Iron 1/4 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	118.03 23.24 2.58 15.49	34.42
22 13 16 00-0052	EA		4" Bell And Spigot Cast Iron 1/4 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	168.40 34.88 3.44 20.62	45.85
22 13 16 00-0053	EA		5" Bell And Spigot Cast Iron 1/4 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	208.87 46.85 3.75 22.50	50.07
22 13 16 00-0054	EA		6" Bell And Spigot Cast Iron 1/4 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	251.23 56.44 4.50 26.99	59.96
22 13 16 00-0055	EA		8" Bell And Spigot Cast Iron 1/4 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	517.88 140.06 5.89 35.32	78.54
22 13 16 00-0056	EA		10" Bell And Spigot Cast Iron 1/4 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	762.01 216.69 7.14 42.87	95.31
22 13 16 00-0057	EA		12" Bell And Spigot Cast Iron 1/4 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,003.52 292.19 8.44 50.61	112.50
22 13 16 00-0058	EA		15" Bell And Spigot Cast Iron 1/4 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,555.01 801.16 13.30 79.80	177.45
22 13 16 00-0059			Bell And Spigot Cast Iron 1/8 Bends (22 13 16 00-0030)		
22 13 16 00-0060	EA		2" Bell And Spigot Cast Iron 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	72.50 9.29 2.30 13.79	30.67
22 13 16 00-0061	EA		3" Bell And Spigot Cast Iron 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	112.51 19.16 2.89 17.33	38.58
22 13 16 00-0062	EA		4" Bell And Spigot Cast Iron 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	159.96 29.07 3.85 23.07	51.30
22 13 16 00-0063	EA		5" Bell And Spigot Cast Iron 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	198.63 36.66 4.70 28.17	62.66
22 13 16 00-0064	EA		6" Bell And Spigot Cast Iron 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	229.50 43.65 5.24 31.44	69.86
22 13 16 00-0065	EA		8" Bell And Spigot Cast Iron 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	453.11 109.21 7.05 42.32	94.09
22 13 16 00-0066	EA		10" Bell And Spigot Cast Iron 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	632.40 160.41 8.70 52.22	116.08
22 13 16 00-0067	EA		12" Bell And Spigot Cast Iron 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,018.70 277.57 11.28 67.69	150.54
22 13 16 00-0068	EA		15" Bell And Spigot Cast Iron 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,942.73 586.86 13.30 79.80	177.45
22 13 16 00-0069			Bell And Spigot Cast Iron Wyes (22 13 16 00-0030)		
22 13 16 00-0070	EA		2" Bell And Spigot Cast Iron Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	128.29 8.93 5.14 30.83	68.51
22 13 16 00-0071	EA		3" Bell And Spigot Cast Iron Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	160.31 16.73 5.63 33.75	75.04
22 13 16 00-0072	EA		4" Bell And Spigot Cast Iron Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	211.00 22.26 7.37 44.22	98.34
22 13 16 00-0073	EA		5" Bell And Spigot Cast Iron Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	267.71 37.10 8.09 48.51	107.84

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 13 16 00-0074	EA		6" Bell And Spigot Cast Iron Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	335.28 50.27 9.58 57.50	127.82
22 13 16 00-0075	EA		8" Bell And Spigot Cast Iron Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	609.80 123.26 12.88 77.29	171.82
22 13 16 00-0076	EA		10" Bell And Spigot Cast Iron Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	851.19 195.64 14.61 87.66	194.93
22 13 16 00-0077	EA		12" Bell And Spigot Cast Iron Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,255.01 314.75 17.79 106.72	237.28
22 13 16 00-0078	EA		15" Bell And Spigot Cast Iron Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,938.97 538.95 19.96 119.73	266.22

22 13 16 00-0079 Bell And Spigot Cast Iron Reducing Wyes (22 13 16 00-0030)

22 13 16 00-0080	EA		3" x 2" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	199.18 32.12 5.37 32.22	71.61
22 13 16 00-0081	EA		4" x 2" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	242.57 38.44 6.64 39.83	88.51
22 13 16 00-0082	EA		4" x 3" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	269.82 46.80 6.81 40.84	90.74
22 13 16 00-0083	EA		6" x 2" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	394.46 77.99 8.58 51.49	114.53
22 13 16 00-0084	EA		6" x 3" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	404.62 80.41 8.74 52.47	116.63
22 13 16 00-0085	EA		6" x 4" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	423.70 83.00 9.33 55.97	124.43
22 13 16 00-0086	EA		8" x 2" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	620.44 144.66 10.36 62.14	138.17
22 13 16 00-0087	EA		8" x 3" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	648.26 153.01 10.55 63.33	140.83
22 13 16 00-0088	EA		8" x 4" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	664.14 155.05 11.06 66.34	147.48
22 13 16 00-0089	EA		8" x 6" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	783.97 188.29 12.30 73.80	164.05
22 13 16 00-0090	EA		10" x 3" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	963.17 256.44 11.52 69.14	153.72
22 13 16 00-0091	EA		10" x 4" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,001.97 266.47 12.03 72.19	160.47
22 13 16 00-0092	EA		10" x 6" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,096.30 290.61 13.30 79.80	177.45
22 13 16 00-0093	EA		10" x 8" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,446.15 407.41 14.11 84.64	188.19
22 13 16 00-0094	EA		12" x 4" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,488.06 422.08 14.11 84.64	188.19
22 13 16 00-0095	EA		12" x 6" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,549.36 435.26 15.29 91.73	203.93

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 13 16 00-0096	EA			12" x 8" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,817.53 523.84 16.04 96.26	214.06
22 13 16 00-0097	EA			12" x 10" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,206.46 656.61 16.52 99.13	220.40
22 13 16 00-0098	EA			15" x 4" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,637.05 1,163.91 15.58 93.47	207.82
22 13 16 00-0099	EA			15" x 6" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,796.43 1,210.71 16.86 101.18	224.90
22 13 16 00-0100	EA			15" x 8" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,874.60 1,232.99 17.59 105.53	234.61
22 13 16 00-0101	EA			15" x 10" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,965.00 1,260.48 18.18 109.09	242.59
22 13 16 00-0102	EA			15" x 12" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	4,065.79 1,288.33 19.24 115.46	256.71

22 13 16 00-0103 Bell And Spigot Cast Iron Combination Wye And 1/8 Bends (22 13 16 00-0030)

22 13 16 00-0104	EA			2" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	139.22 12.76 5.14 30.83	68.51
22 13 16 00-0105	EA			3" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	167.05 19.09 5.63 33.75	75.04
22 13 16 00-0106	EA			4" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	222.73 26.37 7.37 44.22	98.34
22 13 16 00-0107	EA			5" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	306.07 47.78 8.48 50.87	113.13
22 13 16 00-0108	EA			6" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	383.19 60.50 10.52 63.10	140.31
22 13 16 00-0109	EA			8" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	698.13 147.27 13.87 83.21	185.01
22 13 16 00-0110	EA			10" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,005.61 224.69 18.18 109.09	242.59
22 13 16 00-0111	EA			12" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,347.26 307.91 23.38 140.26	311.83

22 13 16 00-0112 Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bends (22 13 16 00-0030)

22 13 16 00-0113	EA			3" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	148.31 14.32 5.37 32.22	71.61
22 13 16 00-0114	EA			4" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	207.89 26.30 6.64 39.83	88.51
22 13 16 00-0115	EA			4" x 3" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	224.03 30.77 6.81 40.84	90.74
22 13 16 00-0116	EA			6" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	328.80 55.01 8.58 51.49	114.53
22 13 16 00-0117	EA			6" x 3" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	342.28 58.59 8.74 52.47	116.63

22 Plumbing
22 10 Plumbing Piping
22 13 Facility Sanitary Sewerage

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0118	EA		6" x 4" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	362.89 61.72 9.33 55.97	124.43
22 13 16 00-0119	EA		8" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	498.48 101.97 10.36 62.14	138.17
22 13 16 00-0120	EA		8" x 4" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	512.47 101.97 11.06 66.34	147.48
22 13 16 00-0121	EA		8" x 6" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	645.95 139.98 12.30 73.80	164.05
22 13 16 00-0122 Bell And Spigot Cast Iron Double Wyes (22 13 16 00-0030)					
22 13 16 00-0123	EA		2" Bell And Spigot Cast Iron Double Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	223.66 35.28 6.14 36.86	81.98
22 13 16 00-0124	EA		3" Bell And Spigot Cast Iron Double Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	324.15 59.23 7.75 46.47	103.35
22 13 16 00-0125	EA		4" Bell And Spigot Cast Iron Double Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	439.04 85.05 9.80 58.82	130.72
22 13 16 00-0126	EA		6" Bell And Spigot Cast Iron Double Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	833.48 188.66 14.72 88.33	196.38
22 13 16 00-0127	EA		8" Bell And Spigot Cast Iron Double Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,660.21 459.22 17.41 104.45	232.26
22 13 16 00-0128	EA		10" Bell And Spigot Cast Iron Double Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,197.20 632.65 19.48 116.89	259.87
22 13 16 00-0129	EA		12" Bell And Spigot Cast Iron Double Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,531.65 372.44 23.38 140.26	311.83
22 13 16 00-0130	EA		15" Bell And Spigot Cast Iron Double Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	4,284.80 1,327.85 24.55 147.28	327.28
22 13 16 00-0131 Bell And Spigot Cast Iron Reducing Double Wyes (22 13 16 00-0030)					
22 13 16 00-0132	EA		3" x 2" Bell And Spigot Cast Iron Reducing Double Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	204.85 20.81 7.27 43.61	96.95
22 13 16 00-0133	EA		4" x 2" Bell And Spigot Cast Iron Reducing Double Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	237.94 24.83 8.35 50.10	111.37
22 13 16 00-0134	EA		4" x 3" Bell And Spigot Cast Iron Reducing Double Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	257.40 28.76 8.76 52.57	116.82
22 13 16 00-0135	EA		6" x 2" Bell And Spigot Cast Iron Reducing Double Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	326.86 42.93 10.21 61.26	136.22
22 13 16 00-0136	EA		6" x 3" Bell And Spigot Cast Iron Reducing Double Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	346.32 47.02 10.60 63.60	141.41
22 13 16 00-0137	EA		6" x 4" Bell And Spigot Cast Iron Reducing Double Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	397.98 58.38 11.56 69.35	154.21
22 13 16 00-0138	EA		8" x 4" Bell And Spigot Cast Iron Reducing Double Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	638.62 129.63 13.41 80.48	178.98
22 13 16 00-0139	EA		8" x 6" Bell And Spigot Cast Iron Reducing Double Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	696.64 132.66 15.88 95.29	211.80
22 13 16 00-0140	EA		10" x 4" Bell And Spigot Cast Iron Reducing Double Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	680.37 137.65 14.35 86.12	191.45

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0141	EA		10" x 6" Bell And Spigot Cast Iron Reducing Double Wye..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	793.05 159.53 16.86 101.18	224.90
22 13 16 00-0142	EA		10" x 8" Bell And Spigot Cast Iron Reducing Double Wye..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	975.30 212.71 18.38 110.27	245.15
22 13 16 00-0143	EA		12" x 6" Bell And Spigot Cast Iron Reducing Double Wye..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	996.21 217.07 18.80 112.80	250.78
22 13 16 00-0144	EA		12" x 8" Bell And Spigot Cast Iron Reducing Double Wye..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,270.55 301.51 20.46 122.73	272.86
22 13 16 00-0145 Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bends (22 13 16 00-0030)					
22 13 16 00-0146	EA		2" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	187.53 22.63 6.14 36.86	81.98
22 13 16 00-0147	EA		3" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	252.51 30.82 8.22 49.33	109.66
22 13 16 00-0148	EA		4" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	329.49 43.38 10.28 61.67	137.13
22 13 16 00-0149	EA		6" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	713.28 134.48 16.45 98.72	219.47
22 13 16 00-0150 Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bends (22 13 16 00-0030)					
22 13 16 00-0151	EA		3" x 2" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	249.61 35.78 7.37 44.22	98.34
22 13 16 00-0152	EA		4" x 2" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	295.81 45.08 8.35 50.10	111.37
22 13 16 00-0153	EA		4" x 3" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	332.01 51.16 9.29 55.75	123.99
22 13 16 00-0154	EA		6" x 4" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	655.64 143.56 12.27 73.64	163.70
22 13 16 00-0155 Bell And Spigot Cast Iron Sanitary Tees (22 13 16 00-0030)					
22 13 16 00-0156	EA		2" Bell And Spigot Cast Iron Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	153.26 17.64 5.14 30.86	68.62
22 13 16 00-0157	EA		3" Bell And Spigot Cast Iron Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	174.05 21.54 5.63 33.75	75.04
22 13 16 00-0158	EA		4" Bell And Spigot Cast Iron Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	277.95 49.02 6.89 41.37	91.92
22 13 16 00-0159	EA		5" Bell And Spigot Cast Iron Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	398.97 87.28 7.48 44.88	99.74
22 13 16 00-0160	EA		6" Bell And Spigot Cast Iron Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	478.61 104.73 8.97 53.81	119.63
22 13 16 00-0161	EA		8" Bell And Spigot Cast Iron Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,023.24 275.75 11.77 70.61	156.99
22 13 16 00-0162	EA		10" Bell And Spigot Cast Iron Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,534.93 436.75 14.35 86.12	191.45

22 Plumbing
22 10 Plumbing Piping
22 13 Facility Sanitary Sewerage



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0163	EA		12" Bell And Spigot Cast Iron Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,286.49 682.23 16.86 101.18	224.90
22 13 16 00-0164 Bell And Spigot Cast Iron Reducing Sanitary Tees (22 13 16 00-0030)					
22 13 16 00-0165	EA		3" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	203.96 33.80 5.37 32.22	71.61
22 13 16 00-0166	EA		4" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	241.41 40.48 6.29 37.73	83.90
22 13 16 00-0167	EA		4" x 3" Bell And Spigot Cast Iron Reducing Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	252.55 44.38 6.29 37.73	83.90
22 13 16 00-0168	EA		6" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	379.60 72.79 8.58 51.49	114.53
22 13 16 00-0169	EA		6" x 3" Bell And Spigot Cast Iron Reducing Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	395.07 77.06 8.74 52.47	116.63
22 13 16 00-0170	EA		6" x 4" Bell And Spigot Cast Iron Reducing Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	428.48 84.68 9.33 55.97	124.43
22 13 16 00-0171	EA		8" x 4" Bell And Spigot Cast Iron Reducing Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	727.27 177.15 11.06 66.34	147.48
22 13 16 00-0172	EA		8" x 6" Bell And Spigot Cast Iron Reducing Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	911.84 233.04 12.30 73.80	164.05
22 13 16 00-0173 Bell And Spigot Cast Iron Vent Tees (22 13 16 00-0030)					
22 13 16 00-0174	EA		2" Bell And Spigot Cast Iron Vent Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	132.22 10.31 5.14 30.83	68.51
22 13 16 00-0175	EA		3" Bell And Spigot Cast Iron Vent Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	163.76 17.94 5.63 33.75	75.04
22 13 16 00-0176	EA		4" Bell And Spigot Cast Iron Vent Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	216.84 24.31 7.37 44.22	98.34
22 13 16 00-0177	EA		5" Bell And Spigot Cast Iron Vent Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	273.18 36.27 8.48 50.87	113.13
22 13 16 00-0178	EA		6" Bell And Spigot Cast Iron Vent Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	343.83 46.72 10.52 63.10	140.31
22 13 16 00-0179	EA		8" Bell And Spigot Cast Iron Vent Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	587.99 108.72 13.87 83.21	185.01
22 13 16 00-0180 Bell And Spigot Cast Iron Tapped Sanitary Tees (22 13 16 00-0030)					
22 13 16 00-0181	EA		2" Bell And Spigot Cast Iron Tapped Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	135.66 11.51 5.14 30.83	68.51
22 13 16 00-0182	EA		3" Bell And Spigot Cast Iron Tapped Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	149.70 13.02 5.63 33.75	75.04
22 13 16 00-0183	EA		4" Bell And Spigot Cast Iron Tapped Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	193.23 16.04 7.37 44.22	98.34
22 13 16 00-0184 Bell And Spigot Cast Iron Tapped Sanitary Crosses (22 13 16 00-0030)					
22 13 16 00-0185	EA		2" Bell And Spigot Cast Iron Tapped Sanitary Cross <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	137.84 12.27 5.14 30.83	68.51

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 13 16 00-0186	EA		3" Bell And Spigot Cast Iron Tapped Sanitary Cross <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	153.84 14.47 5.63 33.75	75.04
22 13 16 00-0187	EA		4" Bell And Spigot Cast Iron Tapped Sanitary Cross <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	203.63 19.68 7.37 44.22	98.34
22 13 16 00-0188 Bell And Spigot Cast Iron Reducers (22 13 16 00-0030)					
22 13 16 00-0189	EA		3" x 2" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	76.39 6.52 2.89 17.33	38.58
22 13 16 00-0190	EA		4" x 2" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	95.82 6.81 3.82 22.91	50.88
22 13 16 00-0191	EA		4" x 3" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	102.21 8.86 3.85 23.07	51.30
22 13 16 00-0192	EA		6" x 2" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	127.62 12.87 4.54 27.26	60.56
22 13 16 00-0193	EA		6" x 3" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	133.38 14.47 4.60 27.62	61.37
22 13 16 00-0194	EA		6" x 4" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	137.62 15.30 4.70 28.17	62.66
22 13 16 00-0195	EA		8" x 2" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	177.51 28.25 4.84 29.04	64.56
22 13 16 00-0196	EA		8" x 3" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	200.99 28.54 5.97 35.83	79.67
22 13 16 00-0197	EA		8" x 4" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	206.28 29.30 6.13 36.77	81.72
22 13 16 00-0198	EA		8" x 6" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	213.10 29.84 6.39 38.35	85.30
22 13 16 00-0199	EA		10" x 4" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	265.58 42.71 7.18 43.07	95.73
22 13 16 00-0200	EA		10" x 6" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	279.98 45.22 7.54 45.24	100.54
22 13 16 00-0201	EA		10" x 8" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	298.20 49.30 7.87 47.20	104.93
22 13 16 00-0202	EA		12" x 4" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	369.68 69.73 8.52 51.14	113.73
22 13 16 00-0203	EA		12" x 6" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	412.63 74.57 9.98 59.87	133.06
22 13 16 00-0204	EA		12" x 8" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	446.65 76.78 11.36 68.18	151.57
22 13 16 00-0205	EA		12" x 10" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	489.77 79.81 13.09 78.52	174.58
22 13 16 00-0206	EA		15" x 6" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	637.31 131.45 13.09 78.52	174.58
22 13 16 00-0207	EA		15" x 8" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	678.24 138.64 14.11 84.64	188.19

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0208	EA		15" x 10" Bell And Spigot Cast Iron Reducer	706.36	198.41
			<i>For Extra Heavy Fittings, Add</i>	143.09	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	14.88	
			<i>For Work In Restricted Working Space, Add</i>	89.26	
22 13 16 00-0209	EA		15" x 12" Bell And Spigot Cast Iron Reducer	744.44	211.80
			<i>For Extra Heavy Fittings, Add</i>	149.39	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	15.88	
			<i>For Work In Restricted Working Space, Add</i>	95.29	
22 13 16 00-0210			Bell And Spigot Cast Iron P-Traps (22 13 16 00-0030)		
22 13 16 00-0211	EA		2" Bell And Spigot Cast Iron P-Trap.....	77.80	30.67
			<i>For Extra Heavy Fittings, Add</i>	11.14	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.30	
			<i>For Work In Restricted Working Space, Add</i>	13.79	
22 13 16 00-0212	EA		3" Bell And Spigot Cast Iron P-Trap.....	104.09	38.58
			<i>For Extra Heavy Fittings, Add</i>	16.21	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.89	
			<i>For Work In Restricted Working Space, Add</i>	17.33	
22 13 16 00-0213	EA		4" Bell And Spigot Cast Iron P-Trap.....	141.79	51.30
			<i>For Extra Heavy Fittings, Add</i>	22.71	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	3.85	
			<i>For Work In Restricted Working Space, Add</i>	23.07	
22 13 16 00-0214	EA		5" Bell And Spigot Cast Iron P-Trap.....	223.14	56.06
			<i>For Extra Heavy Fittings, Add</i>	48.69	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.20	
			<i>For Work In Restricted Working Space, Add</i>	25.21	
22 13 16 00-0215	EA		6" Bell And Spigot Cast Iron P-Trap.....	299.19	65.96
			<i>For Extra Heavy Fittings, Add</i>	70.12	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.94	
			<i>For Work In Restricted Working Space, Add</i>	29.66	
22 13 16 00-0216	EA		8" Bell And Spigot Cast Iron P-Trap.....	662.63	85.30
			<i>For Extra Heavy Fittings, Add</i>	187.18	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.39	
			<i>For Work In Restricted Working Space, Add</i>	38.35	
22 13 16 00-0217	EA		10" Bell And Spigot Cast Iron P-Trap.....	735.11	104.93
			<i>For Extra Heavy Fittings, Add</i>	202.22	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	7.87	
			<i>For Work In Restricted Working Space, Add</i>	47.20	
22 13 16 00-0218			Bell And Spigot Cast Iron Deep Seal P-Traps (22 13 16 00-0030)		
22 13 16 00-0219	EA		2" Bell And Spigot Cast Iron Deep Seal P-Trap	89.90	30.67
			<i>For Extra Heavy Fittings, Add</i>	15.38	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.30	
			<i>For Work In Restricted Working Space, Add</i>	13.79	
22 13 16 00-0220	EA		3" Bell And Spigot Cast Iron Deep Seal P-Trap	127.86	38.58
			<i>For Extra Heavy Fittings, Add</i>	24.53	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.89	
			<i>For Work In Restricted Working Space, Add</i>	17.33	
22 13 16 00-0221	EA		4" Bell And Spigot Cast Iron Deep Seal P-Trap	185.98	51.30
			<i>For Extra Heavy Fittings, Add</i>	38.18	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	3.85	
			<i>For Work In Restricted Working Space, Add</i>	23.07	
22 13 16 00-0222	EA		5" Bell And Spigot Cast Iron Deep Seal P-Trap	302.88	62.66
			<i>For Extra Heavy Fittings, Add</i>	73.14	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.70	
			<i>For Work In Restricted Working Space, Add</i>	28.17	
22 13 16 00-0223	EA		6" Bell And Spigot Cast Iron Deep Seal P-Trap	321.57	69.86
			<i>For Extra Heavy Fittings, Add</i>	75.87	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	5.24	
			<i>For Work In Restricted Working Space, Add</i>	31.44	
22 13 16 00-0224			Bell And Spigot Cast Iron Running Traps With Single Vent (22 13 16 00-0030)		
22 13 16 00-0225	EA		3" x 3" Bell And Spigot Cast Iron Running Trap With Single Vent	207.59	74.07
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	5.63	
			<i>For Work In Restricted Working Space, Add</i>	33.75	
22 13 16 00-0226	EA		4" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	276.82	97.37
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	7.37	
			<i>For Work In Restricted Working Space, Add</i>	44.22	
22 13 16 00-0227	EA		5" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	370.60	108.84
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	8.23	
			<i>For Work In Restricted Working Space, Add</i>	49.36	
22 13 16 00-0228	EA		6" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	741.30	123.33
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	9.33	
			<i>For Work In Restricted Working Space, Add</i>	55.97	
22 13 16 00-0229	EA		8" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	2,423.49	145.84
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	11.06	
			<i>For Work In Restricted Working Space, Add</i>	66.34	
22 13 16 00-0230	EA		8" x 6" Bell And Spigot Cast Iron Running Trap With Single Vent	2,624.21	162.72
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	12.30	
			<i>For Work In Restricted Working Space, Add</i>	73.80	
22 13 16 00-0231			Bell And Spigot Cast Running Traps With Double Vent (22 13 16 00-0030)		
22 13 16 00-0232	EA		3" x 3" Bell And Spigot Cast Iron Running Trap With Double Vent.....	266.00	102.29
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	7.75	
			<i>For Work In Restricted Working Space, Add</i>	46.47	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

22 13 16 00-0233	EA 4" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent.....	362.69	129.12
	<i>For Above Ground Cast Iron Pipe Installation, Add</i>	9.80	
	<i>For Work In Restricted Working Space, Add</i>	58.82	
22 13 16 00-0234	EA 6" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent.....	826.90	152.41
	<i>For Above Ground Cast Iron Pipe Installation, Add</i>	11.56	
	<i>For Work In Restricted Working Space, Add</i>	69.35	
22 13 16 00-0235	EA 6" x 6" Bell And Spigot Cast Iron Running Trap With Double Vent.....	959.35	184.49
	<i>For Above Ground Cast Iron Pipe Installation, Add</i>	13.98	
	<i>For Work In Restricted Working Space, Add</i>	83.87	
22 13 16 00-0236	EA 8" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent.....	2,611.04	176.83
	<i>For Above Ground Cast Iron Pipe Installation, Add</i>	13.41	
	<i>For Work In Restricted Working Space, Add</i>	80.48	
22 13 16 00-0237	EA 8" x 6" Bell And Spigot Cast Iron Running Trap With Double Vent.....	2,865.78	209.97
	<i>For Above Ground Cast Iron Pipe Installation, Add</i>	15.88	
	<i>For Work In Restricted Working Space, Add</i>	95.29	
22 13 16 00-0238	EA 10" x 8" Bell And Spigot Cast Iron Running Trap With Double Vent.....	3,810.18	242.29
	<i>For Above Ground Cast Iron Pipe Installation, Add</i>	18.38	
	<i>For Work In Restricted Working Space, Add</i>	110.27	
22 13 16 00-0239	EA 12" x 10" Bell And Spigot Cast Iron Running Trap With Double Vent.....	5,271.49	280.12
	<i>For Above Ground Cast Iron Pipe Installation, Add</i>	21.22	
	<i>For Work In Restricted Working Space, Add</i>	127.31	
22 13 16 00-0240	EA 15" x 12" Bell And Spigot Cast Iron Running Trap With Double Vent.....	10,253.32	324.00
	<i>For Above Ground Cast Iron Pipe Installation, Add</i>	24.56	
	<i>For Work In Restricted Working Space, Add</i>	147.33	

22 13 16 00-0241 Bell And Spigot Cast Iron Scission Joint Fittings (22 13 16 00-0030)

22 13 16 00-0242	EA 2" Bell And Spigot Cast Iron Scission Joint Fitting.....	159.47	
	<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.29	
	<i>For Work In Restricted Working Space, Add</i>	13.76	
22 13 16 00-0243	EA 3" Bell And Spigot Cast Iron Scission Joint Fitting.....	219.63	
	<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.58	
	<i>For Work In Restricted Working Space, Add</i>	15.46	
22 13 16 00-0244	EA 4" Bell And Spigot Cast Iron Scission Joint Fitting.....	253.90	
	<i>For Above Ground Cast Iron Pipe Installation, Add</i>	3.45	
	<i>For Work In Restricted Working Space, Add</i>	20.70	
22 13 16 00-0245	EA 5" Bell And Spigot Cast Iron Scission Joint Fitting.....	313.40	
	<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.01	
	<i>For Work In Restricted Working Space, Add</i>	24.05	
22 13 16 00-0246	EA 6" Bell And Spigot Cast Iron Scission Joint Fitting.....	380.58	
	<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.84	
	<i>For Work In Restricted Working Space, Add</i>	29.06	
22 13 16 00-0247	EA 8" Bell And Spigot Cast Iron Scission Joint Fitting.....	719.08	
	<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.12	
	<i>For Work In Restricted Working Space, Add</i>	36.72	

22 13 16 00-0248 Cut And Prepare Existing In-Place Cast Iron Pipe (22 13 16 00-0019)

Note: For use when connecting pipe to an existing in-place system.

22 13 16 00-0249	EA 2", Cut And Prepare Existing In-Place Cast Iron Pipe.....	12.77	
	<i>For Above Ground Cast Iron Pipe Installation, Add</i>	0.64	
	<i>For Work In Restricted Working Space, Add</i>	3.83	
22 13 16 00-0250	EA 3", Cut And Prepare Existing In-Place Cast Iron Pipe.....	13.93	
	<i>For Above Ground Cast Iron Pipe Installation, Add</i>	0.70	
	<i>For Work In Restricted Working Space, Add</i>	4.18	
22 13 16 00-0251	EA 4", Cut And Prepare Existing In-Place Cast Iron Pipe.....	17.41	
	<i>For Above Ground Cast Iron Pipe Installation, Add</i>	0.87	
	<i>For Work In Restricted Working Space, Add</i>	5.22	
22 13 16 00-0252	EA 6", Cut And Prepare Existing In-Place Cast Iron Pipe.....	20.89	
	<i>For Above Ground Cast Iron Pipe Installation, Add</i>	1.04	
	<i>For Work In Restricted Working Space, Add</i>	6.27	
22 13 16 00-0253	EA 8", Cut And Prepare Existing In-Place Cast Iron Pipe.....	27.86	
	<i>For Above Ground Cast Iron Pipe Installation, Add</i>	1.39	
	<i>For Work In Restricted Working Space, Add</i>	8.36	
22 13 16 00-0254	EA 10", Cut And Prepare Existing In-Place Cast Iron Pipe.....	32.50	
	<i>For Above Ground Cast Iron Pipe Installation, Add</i>	1.63	
	<i>For Work In Restricted Working Space, Add</i>	9.75	
22 13 16 00-0255	EA 12", Cut And Prepare Existing In-Place Cast Iron Pipe.....	38.30	
	<i>For Above Ground Cast Iron Pipe Installation, Add</i>	1.92	
	<i>For Work In Restricted Working Space, Add</i>	11.49	
22 13 16 00-0256	EA 15", Cut And Prepare Existing In-Place Cast Iron Pipe.....	44.11	
	<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.21	
	<i>For Work In Restricted Working Space, Add</i>	13.23	

22 13 16 00-0257 Joint Material (22 13 16 00-0019)

Note: Labor costs are included in the installation costs for fittings.

22 13 16 00-0258	LB Lead (1 LB/Diameter Inch) Joint Material.....	7.19	
22 13 16 00-0259	LB Oakum (1/8 LB/Diameter Inch) Joint Material.....	17.90	
22 13 16 00-0260	EA 2" Dual Tite Rubber Gasket.....	3.17	
22 13 16 00-0261	EA 3" Dual Tite Rubber Gasket.....	4.34	
22 13 16 00-0262	EA 4" Dual Tite Rubber Gasket.....	5.40	
22 13 16 00-0263	EA 6" Dual Tite Rubber Gasket.....	8.95	
22 13 16 00-0264	EA 8" Dual Tite Rubber Gasket.....	19.75	
22 13 16 00-0265	EA 10" Dual Tite Rubber Gasket.....	30.28	
22 13 16 00-0266	EA 12" Dual Tite Rubber Gasket.....	38.57	
22 13 16 00-0267	EA 15" Dual Tite Rubber Gasket.....	45.81	

22 Plumbing**22 10 Plumbing Piping****22 13 Facility Sanitary Sewerage**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 13 16 00-0268	No Hub Cast Iron Soil Pipe And Fittings (22 13 16)		
	Note: Service Weight. Excludes hangers.		
22 13 16 00-0269	No Hub Cast Iron Pipe (22 13 16 00-0268)		
	Note: Excludes couplings.		
22 13 16 00-0270	LF 1-1/2" No Hub Cast Iron Pipe.....	17.63	6.42
	For Below Ground Installation, Add	0.48	
	For Work In Restricted Working Space, Add	2.89	
22 13 16 00-0271	LF 2" No Hub Cast Iron Pipe.....	18.73	6.84
	For Below Ground Installation, Add	0.52	
	For Work In Restricted Working Space, Add	3.10	
22 13 16 00-0272	LF 3" No Hub Cast Iron Pipe.....	26.58	9.94
	For Below Ground Installation, Add	0.75	
	For Work In Restricted Working Space, Add	4.49	
22 13 16 00-0273	LF 4" No Hub Cast Iron Pipe.....	34.49	12.93
	For Below Ground Installation, Add	0.97	
	For Work In Restricted Working Space, Add	5.83	
22 13 16 00-0274	LF 5" No Hub Cast Iron Pipe.....	43.91	15.29
	For Below Ground Installation, Add	1.15	
	For Work In Restricted Working Space, Add	6.88	
22 13 16 00-0275	LF 6" No Hub Cast Iron Pipe.....	50.93	16.69
	For Below Ground Installation, Add	1.25	
	For Work In Restricted Working Space, Add	7.49	
22 13 16 00-0276	LF 8" No Hub Cast Iron Pipe.....	77.53	24.03
	For Below Ground Installation, Add	1.80	
	For Work In Restricted Working Space, Add	10.79	
22 13 16 00-0277	LF 10" No Hub Cast Iron Pipe.....	109.82	27.31
	For Below Ground Installation, Add	2.05	
	For Work In Restricted Working Space, Add	12.27	
22 13 16 00-0278	No Hub Cast Iron Fittings (22 13 16 00-0268)		
22 13 16 00-0279	No Hub Cast Iron Long Sweeps (22 13 16 00-0278)		
22 13 16 00-0280	EA 1-1/2" No Hub Cast Iron Long Sweep.....	66.01	29.07
	For Below Ground Installation, Add	2.18	
	For Work In Restricted Working Space, Add	13.09	
22 13 16 00-0281	EA 2" No Hub Cast Iron Long Sweep.....	68.42	30.35
	For Below Ground Installation, Add	2.27	
	For Work In Restricted Working Space, Add	13.64	
22 13 16 00-0282	EA 3" No Hub Cast Iron Long Sweep.....	80.89	34.73
	For Below Ground Installation, Add	2.61	
	For Work In Restricted Working Space, Add	15.64	
22 13 16 00-0283	EA 4" No Hub Cast Iron Long Sweep.....	111.81	45.97
	For Below Ground Installation, Add	3.45	
	For Work In Restricted Working Space, Add	20.69	
22 13 16 00-0284	EA 5" No Hub Cast Iron Long Sweep.....	154.53	50.46
	For Below Ground Installation, Add	3.78	
	For Work In Restricted Working Space, Add	22.69	
22 13 16 00-0285	EA 6" No Hub Cast Iron Long Sweep.....	183.27	60.17
	For Below Ground Installation, Add	4.51	
	For Work In Restricted Working Space, Add	27.08	
22 13 16 00-0286	EA 8" No Hub Cast Iron Long Sweep.....	371.16	77.93
	For Below Ground Installation, Add	5.84	
	For Work In Restricted Working Space, Add	35.06	
22 13 16 00-0287	No Hub Cast Iron Reducing Long Sweeps (22 13 16 00-0278)		
22 13 16 00-0288	EA 3" x 2" No Hub Cast Iron Reducing Long Sweep.....	104.58	34.73
	For Below Ground Installation, Add	2.61	
	For Work In Restricted Working Space, Add	15.64	
22 13 16 00-0289	EA 4" x 3" No Hub Cast Iron Reducing Long Sweep.....	156.95	45.97
	For Below Ground Installation, Add	3.45	
	For Work In Restricted Working Space, Add	20.69	
22 13 16 00-0290	No Hub Cast Iron Short Sweeps (22 13 16 00-0278)		
22 13 16 00-0291	EA 2" No Hub Cast Iron Short Sweep.....	63.66	30.35
	For Below Ground Installation, Add	2.27	
	For Work In Restricted Working Space, Add	13.64	
22 13 16 00-0292	EA 3" No Hub Cast Iron Short Sweep.....	77.12	34.73
	For Below Ground Installation, Add	2.61	
	For Work In Restricted Working Space, Add	15.64	
22 13 16 00-0293	EA 4" No Hub Cast Iron Short Sweep.....	109.83	45.97
	For Below Ground Installation, Add	3.45	
	For Work In Restricted Working Space, Add	20.69	
22 13 16 00-0294	EA 5" No Hub Cast Iron Short Sweep.....	155.28	50.46
	For Below Ground Installation, Add	3.78	
	For Work In Restricted Working Space, Add	22.69	
22 13 16 00-0295	EA 6" No Hub Cast Iron Short Sweep.....	171.71	60.17
	For Below Ground Installation, Add	4.51	
	For Work In Restricted Working Space, Add	27.08	
22 13 16 00-0296	EA 8" No Hub Cast Iron Short Sweep.....	336.22	77.93
	For Below Ground Installation, Add	5.84	
	For Work In Restricted Working Space, Add	35.06	
22 13 16 00-0297	EA 10" No Hub Cast Iron Short Sweep.....	549.44	109.13
	For Below Ground Installation, Add	8.18	
	For Work In Restricted Working Space, Add	49.09	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 13 16 00-0298	No Hub Cast Iron 1/4 Bends (22 13 16 00-0278)		
22 13 16 00-0299	EA 1-1/2" No Hub Cast Iron 1/4 Bend <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	57.73 2.18 13.09	29.07
22 13 16 00-0300	EA 2" No Hub Cast Iron 1/4 Bend <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	60.38 2.27 13.64	30.35
22 13 16 00-0301	EA 3" No Hub Cast Iron 1/4 Bend <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	71.80 2.61 15.64	34.73
22 13 16 00-0302	EA 4" No Hub Cast Iron 1/4 Bend <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	98.09 3.45 20.69	45.97
22 13 16 00-0303	EA 5" No Hub Cast Iron 1/4 Bend <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	140.68 3.78 22.69	50.46
22 13 16 00-0304	EA 6" No Hub Cast Iron 1/4 Bend <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	162.37 4.51 27.08	60.17
22 13 16 00-0305	EA 8" No Hub Cast Iron 1/4 Bend <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	309.01 5.84 35.06	77.93
22 13 16 00-0306	No Hub Cast Iron 1/8 Bends (22 13 16 00-0278)		
22 13 16 00-0307	EA 1-1/2" No Hub Cast Iron 1/8 Bend <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	54.70 2.18 13.09	29.07
22 13 16 00-0308	EA 2" No Hub Cast Iron 1/8 Bend <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	56.80 2.27 13.64	30.35
22 13 16 00-0309	EA 3" No Hub Cast Iron 1/8 Bend <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	68.28 2.61 15.64	34.73
22 13 16 00-0310	EA 4" No Hub Cast Iron 1/8 Bend <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	90.17 3.45 20.69	45.97
22 13 16 00-0311	EA 6" No Hub Cast Iron 1/8 Bend <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	150.21 5.09 30.54	67.88
22 13 16 00-0312	EA 8" No Hub Cast Iron 1/8 Bend <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	262.48 6.68 40.08	89.14
22 13 16 00-0313	EA 10" No Hub Cast Iron 1/8 Bend <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	407.52 8.22 49.33	109.66
22 13 16 00-0314	No Hub Cast Iron Wyes (22 13 16 00-0278)		
22 13 16 00-0315	EA 1-1/2" No Hub Cast Iron Wye <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	88.18 3.43 20.56	45.74
22 13 16 00-0316	EA 2" No Hub Cast Iron Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	112.86 4.65 27.89	61.99
22 13 16 00-0317	EA 3" No Hub Cast Iron Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	129.00 5.09 30.54	67.88
22 13 16 00-0318	EA 4" No Hub Cast Iron Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	177.76 6.68 40.08	89.14
22 13 16 00-0319	EA 5" No Hub Cast Iron Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	242.82 7.36 44.18	98.24
22 13 16 00-0320	EA 6" No Hub Cast Iron Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	288.11 8.74 52.47	116.63
22 13 16 00-0321	EA 8" No Hub Cast Iron Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	499.80 11.69 70.13	155.97
22 13 16 00-0322	EA 10" No Hub Cast Iron Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	835.76 12.99 77.92	173.25
22 13 16 00-0323	No Hub Cast Iron Reducing Wyes (22 13 16 00-0278)		
22 13 16 00-0324	EA 3" x 1-1/2" No Hub Cast Iron Reducing Wye <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	110.16 4.44 26.61	59.21
22 13 16 00-0325	EA 3" x 2" No Hub Cast Iron Reducing Wye <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	123.25 5.09 30.54	67.88
22 13 16 00-0326	EA 4" x 2" No Hub Cast Iron Reducing Wye <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	139.97 5.63 33.75	75.04

22 Plumbing
22 10 Plumbing Piping
22 13 Facility Sanitary Sewerage



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0327	EA		4" x 3" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	161.80 6.25 37.50	83.37
22 13 16 00-0328	EA		6" x 2" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	209.87 7.44 44.65	99.24
22 13 16 00-0329	EA		6" x 3" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	224.29 7.77 46.64	103.73
22 13 16 00-0330	EA		6" x 4" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	257.09 9.09 54.51	121.23
22 13 16 00-0331	EA		8" x 4" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	336.17 9.19 55.16	122.62
22 13 16 00-0332	EA		8" x 6" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	390.13 10.10 60.61	134.79
22 13 16 00-0333	EA		10" x 4" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	613.67 10.77 64.59	143.60
22 13 16 00-0334	EA		10" x 6" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	647.27 11.52 69.14	153.72
22 13 16 00-0335	EA		10" x 8" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	746.59 12.30 73.82	164.15
22 13 16 00-0336			No Hub Cast Iron Combination Wye And 1/8 Bends (22 13 16 00-0278)		
22 13 16 00-0337	EA		1-1/2" No Hub Cast Iron Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	99.67 3.99 23.93	53.23
22 13 16 00-0338	EA		2" No Hub Cast Iron Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	113.67 4.65 27.89	61.99
22 13 16 00-0339	EA		3" No Hub Cast Iron Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	135.06 5.09 30.54	67.88
22 13 16 00-0340	EA		4" No Hub Cast Iron Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	194.89 6.68 40.08	89.14
22 13 16 00-0341	EA		6" No Hub Cast Iron Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	359.84 10.28 61.67	137.13
22 13 16 00-0342	EA		8" No Hub Cast Iron Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	650.89 13.19 79.14	175.93
22 13 16 00-0343	EA		10" No Hub Cast Iron Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	763.36 15.94 95.66	212.70
22 13 16 00-0344			No Hub Cast Iron Reducing Combination Wye And 1/8 Bends (22 13 16 00-0278)		
22 13 16 00-0345	EA		2" x 1-1/2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	114.66 4.65 27.89	61.99
22 13 16 00-0346	EA		3" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	126.28 5.09 30.54	67.88
22 13 16 00-0347	EA		4" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	146.03 5.63 33.75	75.04
22 13 16 00-0348	EA		4" x 3" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	167.68 6.25 37.50	83.37
22 13 16 00-0349	EA		6" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	227.50 7.44 44.65	99.24
22 13 16 00-0350	EA		6" x 3" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	255.08 7.77 46.64	103.73
22 13 16 00-0351	EA		6" x 4" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	284.05 9.09 54.51	121.23
22 13 16 00-0352	EA		8" x 4" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	386.56 9.19 55.16	122.62
22 13 16 00-0353	EA		8" x 6" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	505.33 10.10 60.61	134.79
22 13 16 00-0354			No Hub Cast Iron Double Wyes (22 13 16 00-0278)		
22 13 16 00-0355	EA		2" No Hub Cast Iron Double Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	143.31 5.78 34.67	77.06

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0356 EA 3" No Hub Cast Iron Double Wye <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	191.84 7.03 42.19	93.85
22 13 16 00-0357 EA 4" No Hub Cast Iron Double Wye <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	259.16 7.69 46.14	102.61
22 13 16 00-0358 EA 6" No Hub Cast Iron Double Wye <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	401.90 11.02 66.10	147.01
22 13 16 00-0359 EA 8" No Hub Cast Iron Double Wye <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	789.19 14.88 89.26	198.41
22 13 16 00-0360 No Hub Cast Iron Reducing Double Wyes (22 13 16 00-0278)		
22 13 16 00-0361 EA 3" x 2" No Hub Cast Iron Double Wye <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	171.90 6.40 38.40	85.40
22 13 16 00-0362 EA 4" x 2" No Hub Cast Iron Double Wye <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	206.42 7.37 44.23	98.34
22 13 16 00-0363 EA 4" x 3" No Hub Cast Iron Double Wye <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	227.27 8.04 48.22	107.20
22 13 16 00-0364 EA 6" x 4" No Hub Cast Iron Double Wye <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	341.56 9.72 58.30	129.62
22 13 16 00-0365 No Hub Cast Iron Double Combination Wye And 1/8 Bends (22 13 16 00-0278)		
22 13 16 00-0366 EA 2" No Hub Cast Iron Double Combination Wye And 1/8 Bend <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	187.48 6.94 41.64	92.57
22 13 16 00-0367 EA 3" No Hub Cast Iron Double Combination Wye And 1/8 Bend <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	229.17 7.69 46.14	102.61
22 13 16 00-0368 EA 4" No Hub Cast Iron Double Combination Wye And 1/8 Bend <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	347.56 10.18 61.08	135.85
22 13 16 00-0369 EA 6" No Hub Cast Iron Double Combination Wye And 1/8 Bend <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	482.45 15.72 94.31	209.71
22 13 16 00-0370 No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bends (22 13 16 00-0278)		
22 13 16 00-0371 EA 3" x 2" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	175.88 5.97 35.83	79.63
22 13 16 00-0372 EA 4" x 2" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	203.86 6.94 41.64	92.57
22 13 16 00-0373 EA 4" x 3" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	246.16 7.58 45.48	101.12
22 13 16 00-0374 No Hub Cast Iron Sanitary Tees (22 13 16 00-0278)		
22 13 16 00-0375 EA 1-1/2" No Hub Cast Iron Sanitary Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	85.90 3.36 20.17	44.79
22 13 16 00-0376 EA 2" No Hub Cast Iron Sanitary Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	113.85 4.65 27.89	61.99
22 13 16 00-0377 EA 3" No Hub Cast Iron Sanitary Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	126.77 5.09 30.54	67.88
22 13 16 00-0378 EA 4" No Hub Cast Iron Sanitary Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	172.69 6.68 40.08	89.14
22 13 16 00-0379 EA 5" No Hub Cast Iron Sanitary Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	243.87 7.36 44.18	98.24
22 13 16 00-0380 EA 6" No Hub Cast Iron Sanitary Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	287.37 8.74 52.47	116.63
22 13 16 00-0381 EA 8" No Hub Cast Iron Sanitary Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	562.31 11.69 70.13	155.97
22 13 16 00-0382 No Hub Cast Iron Reducing Sanitary Tees (22 13 16 00-0278)		
22 13 16 00-0383 EA 2" x 1-1/2" No Hub Cast Iron Reducing Sanitary Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	96.70 3.79 22.74	50.56
22 13 16 00-0384 EA 3" x 1-1/2" No Hub Cast Iron Reducing Sanitary Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	111.89 4.44 26.61	59.21

22 Plumbing
22 10 Plumbing Piping
22 13 Facility Sanitary Sewerage



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0385	EA		3" x 2" No Hub Cast Iron Reducing Sanitary Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	116.14 4.65 27.89	61.99
22 13 16 00-0386	EA		3" x 4" No Hub Cast Iron Reducing Sanitary Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	140.07 4.65 27.89	61.99
22 13 16 00-0387	EA		4" x 2" No Hub Cast Iron Reducing Sanitary Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	155.49 6.29 37.73	83.90
22 13 16 00-0388	EA		4" x 3" No Hub Cast Iron Reducing Sanitary Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	161.31 6.29 37.73	83.90
22 13 16 00-0389	EA		5" x 2" No Hub Cast Iron Reducing Sanitary Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	208.99 7.00 41.98	93.34
22 13 16 00-0390	EA		5" x 3" No Hub Cast Iron Reducing Sanitary Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	217.09 7.00 41.98	93.34
22 13 16 00-0391	EA		5" x 4" No Hub Cast Iron Reducing Sanitary Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	218.08 7.00 41.98	93.34
22 13 16 00-0392	EA		6" x 4" No Hub Cast Iron Reducing Sanitary Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	226.20 7.29 43.73	97.24
22 13 16 00-0393	EA		8" x 6" No Hub Cast Iron Reducing Sanitary Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	441.97 9.86 59.15	131.53
22 13 16 00-0394			No Hub Cast Iron Sanitary Tapped Tees (22 13 16 00-0278)		
22 13 16 00-0395	EA		2" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	66.44 2.27 13.64	30.35
22 13 16 00-0396	EA		3" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	77.31 2.61 15.64	34.73
22 13 16 00-0397	EA		4" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	94.68 3.45 20.69	45.97
22 13 16 00-0398			No Hub Cast Iron Cleanout Tees (22 13 16 00-0278)		
22 13 16 00-0399	EA		2" No Hub Cast Iron Cleanout Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	62.79 2.27 13.64	30.35
22 13 16 00-0400	EA		3" No Hub Cast Iron Cleanout Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	79.97 2.61 15.64	34.73
22 13 16 00-0401	EA		4" No Hub Cast Iron Cleanout Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	117.87 3.45 20.69	45.97
22 13 16 00-0402	EA		6" No Hub Cast Iron Cleanout Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	197.21 5.09 30.54	67.88
22 13 16 00-0403			No Hub Cast Iron Two-Way Cleanout Tees (22 13 16 00-0278)		
22 13 16 00-0404	EA		4" No Hub Cast Iron Single Two-Way Cleanout Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	273.28 6.68 40.08	89.14
22 13 16 00-0405	EA		4" No Hub Cast Iron Double Two-Way Cleanout Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	332.77 10.15 60.92	135.43
22 13 16 00-0406			No Hub Cast Iron Cleanout Plugs (22 13 16 00-0278)		
22 13 16 00-0407	EA		2" No Hub Cast Iron Cleanout Plug <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	52.84 2.27 13.64	30.35
22 13 16 00-0408	EA		3" No Hub Cast Iron Cleanout Plug <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	63.70 2.61 15.64	34.73
22 13 16 00-0409	EA		4" No Hub Cast Iron Cleanout Plug <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	90.91 3.45 20.69	45.97
22 13 16 00-0410	EA		6" No Hub Cast Iron Cleanout Plug <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	142.79 5.09 30.54	67.88
22 13 16 00-0411	EA		8" No Hub Cast Iron Cleanout Plug <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	189.94 6.68 40.08	89.14
22 13 16 00-0412			No Hub Cast Iron Sanitary Crosses (22 13 16 00-0278)		
22 13 16 00-0413	EA		1-1/2" No Hub Cast Iron Sanitary Cross <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	115.05 4.49 26.95	59.86

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0414	EA		2" No Hub Cast Iron Sanitary Cross <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	124.49 4.65 27.89	61.99
22 13 16 00-0415	EA		3" No Hub Cast Iron Sanitary Cross <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	151.45 5.09 30.54	67.88
22 13 16 00-0416	EA		4" No Hub Cast Iron Sanitary Cross <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	226.92 6.68 40.08	89.14
22 13 16 00-0417			No Hub Cast Iron Reducing Sanitary Crosses (22 13 16 00-0278)		
22 13 16 00-0418	EA		3" x 2" No Hub Cast Iron Sanitary Cross <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	164.05 5.97 35.82	79.63
22 13 16 00-0419	EA		4" x 2" No Hub Cast Iron Sanitary Cross <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	186.00 6.15 36.88	81.98
22 13 16 00-0420	EA		4" x 3" No Hub Cast Iron Sanitary Cross <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	204.41 6.41 38.49	85.62
22 13 16 00-0421			No Hub Cast Iron Reducers (22 13 16 00-0278)		
22 13 16 00-0422	EA		3" x 2" No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	103.52 4.65 27.89	61.99
22 13 16 00-0423	EA		4" x 2" No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	141.89 6.29 37.73	83.90
22 13 16 00-0424	EA		4" x 3" No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	142.38 6.29 37.73	83.90
22 13 16 00-0425	EA		5" x 2" No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	163.60 7.00 41.98	93.34
22 13 16 00-0426	EA		5" x 3" No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	166.88 7.00 41.98	93.34
22 13 16 00-0427	EA		5" x 4" No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	168.18 7.00 41.98	93.34
22 13 16 00-0428	EA		6" x 3" No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	196.33 7.77 46.64	103.73
22 13 16 00-0429	EA		6" x 4" No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	196.83 7.77 46.64	103.73
22 13 16 00-0430	EA		6" x 5" No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	198.31 7.77 46.64	103.73
22 13 16 00-0431	EA		8" x 2" No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	272.67 10.91 65.46	145.53
22 13 16 00-0432	EA		8" x 3" No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	276.44 10.91 65.46	145.53
22 13 16 00-0433	EA		8" x 4" No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	282.50 10.91 65.46	145.53
22 13 16 00-0434	EA		8" x 5" No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	288.81 10.91 65.46	145.53
22 13 16 00-0435	EA		8" x 6" No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	289.55 10.91 65.46	145.53
22 13 16 00-0436	EA		10" x 4" No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	347.12 11.51 69.04	153.51
22 13 16 00-0437	EA		10" x 6" No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	371.44 12.02 72.10	160.26
22 13 16 00-0438	EA		10" x 8" No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	417.87 13.04 78.24	173.97
22 13 16 00-0439			No Hub Cast Iron Blind Plugs (22 13 16 00-0278)		
22 13 16 00-0440	EA		1-1/2" No Hub Cast Iron Blind Plug <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	27.88 1.09 6.55	14.55
22 13 16 00-0441	EA		2" No Hub Cast Iron Blind Plug <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	28.56 1.14 6.83	15.18
22 13 16 00-0442	EA		3" No Hub Cast Iron Blind Plug <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	36.40 1.30 7.82	17.43

22 Plumbing**22 10 Plumbing Piping****22 13 Facility Sanitary Sewerage**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 13 16 00-0443	EA	4" No Hub Cast Iron Blind Plug.....	48.30	22.98
		<i>For Below Ground Installation, Add</i>	1.72	
		<i>For Work In Restricted Working Space, Add</i>	10.34	
22 13 16 00-0444	EA	5" No Hub Cast Iron Blind Plug.....	64.19	25.69
		<i>For Below Ground Installation, Add</i>	1.92	
		<i>For Work In Restricted Working Space, Add</i>	11.54	
22 13 16 00-0445	EA	6" No Hub Cast Iron Blind Plug.....	71.14	30.08
		<i>For Below Ground Installation, Add</i>	2.26	
		<i>For Work In Restricted Working Space, Add</i>	13.55	
22 13 16 00-0446	EA	8" No Hub Cast Iron Blind Plug.....	140.34	38.96
		<i>For Below Ground Installation, Add</i>	2.92	
		<i>For Work In Restricted Working Space, Add</i>	17.52	
22 13 16 00-0447	EA	10" No Hub Cast Iron Blind Plug.....	180.69	41.93
		<i>For Below Ground Installation, Add</i>	3.14	
		<i>For Work In Restricted Working Space, Add</i>	18.87	
22 13 16 00-0448		No Hub Cast Iron P-Traps (22 13 16 00-0278)		
22 13 16 00-0449	EA	2" No Hub Cast Iron P-Trap.....	66.94	30.35
		<i>For Below Ground Installation, Add</i>	2.27	
		<i>For Work In Restricted Working Space, Add</i>	13.64	
22 13 16 00-0450	EA	3" No Hub Cast Iron P-Trap.....	101.05	34.73
		<i>For Below Ground Installation, Add</i>	2.61	
		<i>For Work In Restricted Working Space, Add</i>	15.64	
22 13 16 00-0451	EA	4" No Hub Cast Iron P-Trap.....	153.92	45.97
		<i>For Below Ground Installation, Add</i>	3.45	
		<i>For Work In Restricted Working Space, Add</i>	20.69	
22 13 16 00-0452	EA	5" No Hub Cast Iron P-Trap.....	270.64	50.87
		<i>For Below Ground Installation, Add</i>	3.81	
		<i>For Work In Restricted Working Space, Add</i>	22.87	
22 13 16 00-0453	EA	6" No Hub Cast Iron P-Trap.....	285.54	60.66
		<i>For Below Ground Installation, Add</i>	4.55	
		<i>For Work In Restricted Working Space, Add</i>	27.28	
22 13 16 00-0454		No Hub Cast Iron Deep Seal P-Traps (22 13 16 00-0278)		
22 13 16 00-0455	EA	2" No Hub Cast Iron Deep Seal P-Trap.....	108.97	38.58
		<i>For Below Ground Installation, Add</i>	2.89	
		<i>For Work In Restricted Working Space, Add</i>	17.33	
22 13 16 00-0456	EA	3" No Hub Cast Iron Deep Seal P-Trap.....	158.59	51.30
		<i>For Below Ground Installation, Add</i>	3.85	
		<i>For Work In Restricted Working Space, Add</i>	23.07	
22 13 16 00-0457	EA	4" No Hub Cast Iron Deep Seal P-Trap.....	232.64	67.76
		<i>For Below Ground Installation, Add</i>	5.08	
		<i>For Work In Restricted Working Space, Add</i>	30.46	
22 13 16 00-0458		No Hub Cast Iron Closet Flanges (22 13 16 00-0278)		
22 13 16 00-0459	EA	4" No Hub Cast Iron Closet Flange.....	102.97	45.97
		<i>For Below Ground Installation, Add</i>	3.45	
		<i>For Work In Restricted Working Space, Add</i>	20.69	
22 13 16 00-0460	EA	4" x 2-1/2" No Hub Cast Iron Offset Closet Flange.....	110.03	45.97
		<i>For Below Ground Installation, Add</i>	3.45	
		<i>For Work In Restricted Working Space, Add</i>	20.69	
22 13 16 00-0461		No Hub Cast Iron Closet Bends (22 13 16 00-0278)		
22 13 16 00-0462	EA	4" x 16" No Hub Cast Iron Closet Bend.....	202.10	45.97
		<i>For Below Ground Installation, Add</i>	3.45	
		<i>For Work In Restricted Working Space, Add</i>	20.69	
22 13 16 00-0463		No Hub Cast Iron Threaded Adapter (22 13 16 00-0278)		
22 13 16 00-0464	EA	1-1/4" No Hub Cast Iron Threaded Adapter.....	76.20	38.58
		<i>For Below Ground Installation, Add</i>	2.89	
		<i>For Work In Restricted Working Space, Add</i>	17.33	
22 13 16 00-0465	EA	1-1/2" No Hub Cast Iron Threaded Adapter.....	81.89	38.58
		<i>For Below Ground Installation, Add</i>	2.89	
		<i>For Work In Restricted Working Space, Add</i>	17.33	
22 13 16 00-0466		No Hub Couplings (22 13 16 00-0278)		
		Note: Includes stainless steel shield/clamps assembly with elastomeric gasket, ASTM C 564. (Fernco NH). Labor costs are included in the installation costs for fittings.		
22 13 16 00-0467	EA	1-1/2" No Hub Coupling.....	11.56	
		<i>For Medium Duty (Fernco MD-2000), Add</i>	1.50	
		<i>For Heavy Duty (Fernco HD-4000), Add</i>	3.12	
22 13 16 00-0468	EA	2" No Hub Coupling.....	11.56	
		<i>For Medium Duty (Fernco MD-2000), Add</i>	1.50	
		<i>For Heavy Duty (Fernco HD-4000), Add</i>	3.12	
22 13 16 00-0469	EA	3" No Hub Coupling.....	13.73	
		<i>For Medium Duty (Fernco MD-2000), Add</i>	1.78	
		<i>For Heavy Duty (Fernco HD-4000), Add</i>	3.71	
22 13 16 00-0470	EA	4" No Hub Coupling.....	16.30	
		<i>For Medium Duty (Fernco MD-2000), Add</i>	2.12	
		<i>For Heavy Duty (Fernco HD-4000), Add</i>	4.40	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 13 16 00-0471	EA	5" No Hub Coupling	37.68	
		<i>For Medium Duty (Fernco MD-2000), Add</i>	4.90	
		<i>For Heavy Duty (Fernco HD-4000), Add</i>	10.17	
22 13 16 00-0472	EA	6" No Hub Coupling	41.40	
		<i>For Medium Duty (Fernco MD-2000), Add</i>	5.38	
		<i>For Heavy Duty (Fernco HD-4000), Add</i>	11.18	
22 13 16 00-0473	EA	8" No Hub Coupling	78.00	
		<i>For Medium Duty (Fernco MD-2000), Add</i>	10.14	
		<i>For Heavy Duty (Fernco HD-4000), Add</i>	21.06	
22 13 16 00-0474	EA	10" No Hub Coupling	107.45	
		<i>For Medium Duty (Fernco MD-2000), Add</i>	13.97	
		<i>For Heavy Duty (Fernco HD-4000), Add</i>	29.01	
22 13 16 00-0475	EA	2" x 1-1/2" No Hub Reducing Coupling	13.73	
22 13 16 00-0476	EA	3" x 2" No Hub Reducing Coupling	21.29	
22 13 16 00-0477	EA	4" x 2" No Hub Reducing Coupling	29.69	
22 13 16 00-0478	EA	4" x 3" No Hub Reducing Coupling	25.30	

22 13 16 00-0479 Cast Iron Mechanical Joint Couplings With Neoprene Gasket And Bolts (22 13 16 00-0278)

Note: For underground connections. Labor costs are included in the installation costs for fittings. See CSI section 22 13 16 00-0870 for additional FERNCO couplings.

22 13 16 00-0480	EA	1-1/2" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	40.74	
22 13 16 00-0481	EA	2" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	42.05	
22 13 16 00-0482	EA	3" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	44.15	
22 13 16 00-0483	EA	4" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	51.51	
22 13 16 00-0484	EA	5" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	97.24	
22 13 16 00-0485	EA	6" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	133.51	
22 13 16 00-0486	EA	8" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	233.90	
22 13 16 00-0487	EA	10" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	357.42	

22 13 16 00-0488 Cut And Prepare Existing Pipe In-Place (22 13 16 00-0266)

Note: For use when connecting pipe to an existing in-place system.

22 13 16 00-0489	EA	Cut And Prepare 1-1/2" Cast Iron Pipe, No Hub	10.44	
		<i>For Work In Restricted Working Space, Add</i>	3.13	
22 13 16 00-0490	EA	Cut And Prepare 2" Cast Iron Pipe, No Hub	12.77	
		<i>For Work In Restricted Working Space, Add</i>	3.83	
22 13 16 00-0491	EA	Cut And Prepare 3" Cast Iron Pipe, No Hub	13.93	
		<i>For Work In Restricted Working Space, Add</i>	4.18	
22 13 16 00-0492	EA	Cut And Prepare 4" Cast Iron Pipe, No Hub	17.41	
		<i>For Work In Restricted Working Space, Add</i>	5.22	
22 13 16 00-0493	EA	Cut And Prepare 6" Cast Iron Pipe, No Hub	20.89	
		<i>For Work In Restricted Working Space, Add</i>	6.27	
22 13 16 00-0494	EA	Cut And Prepare 8" Cast Iron Pipe, No Hub	27.86	
		<i>For Work In Restricted Working Space, Add</i>	8.36	
22 13 16 00-0495	EA	Cut And Prepare 10" Cast Iron Pipe, No Hub	32.50	
		<i>For Work In Restricted Working Space, Add</i>	9.75	

22 13 16 00-0496 Copper Drain-Waste-Vent (DWV) Pipe (22 13 16)

See CSI section 22 11 16 00-0436 for copper and brass fittings.

22 13 16 00-0497	LF	1-1/4" Hard Drawn DWV Copper Tube/Pipe	14.77	5.02
22 13 16 00-0498	LF	1-1/2" Hard Drawn DWV Copper Tube/Pipe	17.49	5.61
22 13 16 00-0499	LF	2" Hard Drawn DWV Copper Tube/Pipe	22.41	6.92
22 13 16 00-0500	LF	3" Hard Drawn DWV Copper Tube/Pipe	49.75	9.59
22 13 16 00-0501	LF	4" Hard Drawn DWV Copper Tube/Pipe	67.73	10.82
22 13 16 00-0502	LF	5" Hard Drawn DWV Copper Tube/Pipe	127.08	12.42
22 13 16 00-0503	LF	6" Hard Drawn DWV Copper Tube/Pipe	182.29	19.25

22 13 16 00-0504 Polyvinyl Chloride (PVC) Drain-Waste-Vent (DWV) Pipe And Fittings (22 13 16)

Note: Aboveground installation. See CSI section 33 31 11 00-0002 for underground installation.

22 13 16 00-0505 Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assemblies (22 13 16 00-0504)

22 13 16 00-0506 Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assemblies (22 13 16 00-0505)

Note: Includes all fittings. Fittings are assumed every 20'. Excludes excavation, backfill and compaction. Not for use where detail is available. Not for use where detail is available.

22 13 16 00-0507	LF	1-1/2" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly	12.15	
		Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	2.51	
22 13 16 00-0508	LF	2" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly	14.62	
		Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	3.05	
22 13 16 00-0509	LF	3" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly	23.85	
		Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	4.31	
22 13 16 00-0510	LF	4" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly	30.48	
		Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	4.75	
22 13 16 00-0511	LF	6" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly	53.87	
		Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	6.11	

22 Plumbing**22 10 Plumbing Piping****22 13 Facility Sanitary Sewerage**
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22 13 16 00-0512	LF	8" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly.....	77.00	
		Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	8.17	
22 13 16 00-0513	LF	10" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly.....	111.40	
		Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	10.89	
22 13 16 00-0514		Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assemblies		
		<small>(22 13 16 00-0505)</small>		
		Note: Includes all hangers and couplings, elbow, tee and reducer fittings. All hangers are complete assemblies installed in accordance with uniform plumbing code. Not for use where detail is available.		
22 13 16 00-0515	LF	1-1/2" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly.....	24.25	4.49
		Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	5.15	
22 13 16 00-0516	LF	2" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly.....	27.24	5.35
		Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	5.72	
22 13 16 00-0517	LF	3" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly.....	38.34	7.70
		Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	7.11	
22 13 16 00-0518	LF	4" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly.....	47.95	8.34
		Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	7.76	
22 13 16 00-0519	LF	6" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly.....	74.49	10.69
		Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	9.95	
22 13 16 00-0520	LF	8" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly.....	97.87	14.21
		Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	11.40	
22 13 16 00-0521	LF	10" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly.....	137.38	19.03
		Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	14.86	
22 13 16 00-0522		Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe <small>(22 13 16 00-0504)</small>		
		Note: Excludes fittings or hangers.		
22 13 16 00-0523		Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe (ASTM D-2665) <small>(22 13 16 00-0522)</small>		
		Note: Excludes fittings or hangers.		
22 13 16 00-0524	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe.....	9.36	4.49
		<i>For Work In Restricted Working Space, Add</i>	2.00	
22 13 16 00-0525	LF	2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe.....	11.52	5.35
		<i>For Work In Restricted Working Space, Add</i>	2.40	
22 13 16 00-0526	LF	3" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe.....	18.53	7.70
		<i>For Work In Restricted Working Space, Add</i>	3.45	
22 13 16 00-0527	LF	4" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe.....	22.40	8.34
		<i>For Work In Restricted Working Space, Add</i>	3.74	
22 13 16 00-0528	LF	6" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe.....	32.70	9.99
		<i>For Work In Restricted Working Space, Add</i>	4.49	
22 13 16 00-0529	LF	8" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe.....	46.88	13.29
		<i>For Work In Restricted Working Space, Add</i>	6.00	
22 13 16 00-0530	LF	10" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe.....	67.84	17.79
		<i>For Work In Restricted Working Space, Add</i>	8.00	
22 13 16 00-0531		Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe (ASTM F-891) <small>(22 13 16 00-0522)</small>		
		Note: Excludes fittings or hangers.		
22 13 16 00-0532	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe.....	8.56	4.49
		<i>For Work In Restricted Working Space, Add</i>	2.00	
22 13 16 00-0533	LF	2" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe.....	10.58	5.35
		<i>For Work In Restricted Working Space, Add</i>	2.40	
22 13 16 00-0534	LF	3" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe.....	16.73	7.70
		<i>For Work In Restricted Working Space, Add</i>	3.45	
22 13 16 00-0535	LF	4" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe.....	20.02	8.34
		<i>For Work In Restricted Working Space, Add</i>	3.74	
22 13 16 00-0536	LF	6" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe.....	28.27	9.99
		<i>For Work In Restricted Working Space, Add</i>	4.49	
22 13 16 00-0537	LF	8" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe.....	40.66	13.29
		<i>For Work In Restricted Working Space, Add</i>	6.00	
22 13 16 00-0538	LF	10" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe.....	61.07	17.79
		<i>For Work In Restricted Working Space, Add</i>	8.00	
22 13 16 00-0539		Polyvinyl Chloride (PVC) DWV Fittings (ASTM D-2665) <small>(22 13 16 00-0504)</small>		
22 13 16 00-0540		Polyvinyl Chloride (PVC) DWV 1/4 Bends <small>(22 13 16 00-0539)</small>		
22 13 16 00-0541	EA	1-1/2" Polyvinyl Chloride (PVC) DWV 1/4 Bends.....	32.93	17.85
		<i>For Work In Restricted Working Space, Add</i>	8.02	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	22 13 16 00-0542	EA		2" Polyvinyl Chloride (PVC) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	42.07 10.26	22.77
	22 13 16 00-0543	EA		3" Polyvinyl Chloride (PVC) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	70.42 13.79	30.57
	22 13 16 00-0544	EA		4" Polyvinyl Chloride (PVC) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	105.32 16.03	35.59
	22 13 16 00-0545	EA		6" Polyvinyl Chloride (PVC) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	385.16 20.84	46.28
	22 13 16 00-0546	EA		8" Polyvinyl Chloride (PVC) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	634.27 28.06	62.32
	22 13 16 00-0547	EA		10" Polyvinyl Chloride (PVC) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	837.62 37.41	83.05
22 13 16 00-0548				Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends (22 13 16 00-0539)		
	22 13 16 00-0549	EA		1-1/2" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	50.34 8.02	17.85
	22 13 16 00-0550	EA		2" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	52.09 10.26	22.77
	22 13 16 00-0551	EA		3" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	96.18 13.79	30.57
	22 13 16 00-0552	EA		4" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	152.55 16.03	35.59
	22 13 16 00-0553	EA		6" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	293.94 20.84	46.28
	22 13 16 00-0554	EA		8" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	514.38 28.06	62.32
	22 13 16 00-0555	EA		10" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	835.47 37.41	83.05
22 13 16 00-0556				Polyvinyl Chloride (PVC) DWV 1/8 Bends (22 13 16 00-0539)		
	22 13 16 00-0557	EA		1-1/2" Polyvinyl Chloride (PVC) DWV 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	34.36 8.02	17.85
	22 13 16 00-0558	EA		2" Polyvinyl Chloride (PVC) DWV 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	41.95 10.26	22.77
	22 13 16 00-0559	EA		3" Polyvinyl Chloride (PVC) DWV 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	68.27 13.79	30.57
	22 13 16 00-0560	EA		4" Polyvinyl Chloride (PVC) DWV 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	94.82 16.03	35.59
	22 13 16 00-0561	EA		6" Polyvinyl Chloride (PVC) DWV 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	358.45 20.84	46.28
	22 13 16 00-0562	EA		8" Polyvinyl Chloride (PVC) DWV 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	572.17 28.06	62.32
	22 13 16 00-0563	EA		10" Polyvinyl Chloride (PVC) DWV 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	654.97 37.41	83.05
22 13 16 00-0564				Polyvinyl Chloride (PVC) DWV Sanitary Tees (22 13 16 00-0539)		
	22 13 16 00-0565	EA		1-1/2" Polyvinyl Chloride (PVC) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	51.17 12.02	26.73
	22 13 16 00-0566	EA		2" Polyvinyl Chloride (PVC) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	67.16 15.39	34.20
	22 13 16 00-0567	EA		3" Polyvinyl Chloride (PVC) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	111.16 20.68	45.97
	22 13 16 00-0568	EA		4" Polyvinyl Chloride (PVC) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	160.67 24.05	53.44
	22 13 16 00-0569	EA		6" Polyvinyl Chloride (PVC) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	572.46 31.26	69.37
	22 13 16 00-0570	EA		8" Polyvinyl Chloride (PVC) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	745.61 42.08	93.42
22 13 16 00-0571				Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees (22 13 16 00-0539)		
	22 13 16 00-0572	EA		2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	63.86 13.15	29.18
	22 13 16 00-0573	EA		2" x 1-1/2" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	75.24 14.27	31.64
	22 13 16 00-0574	EA		2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	63.43 14.27	31.64
	22 13 16 00-0575	EA		3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	91.64 17.80	39.55
	22 13 16 00-0576	EA		3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	93.83 18.92	42.01
	22 13 16 00-0577	EA		4" x 4" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	110.22 20.04	44.46
	22 13 16 00-0578	EA		4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	179.67 21.17	47.03
	22 13 16 00-0579	EA		4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	224.79 22.93	50.88
	22 13 16 00-0580	EA		6" x 6" x 4" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	549.03 28.86	64.03
	22 13 16 00-0581	EA		8" x 8" x 4" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	1,696.53 36.08	80.05
	22 13 16 00-0582	EA		8" x 8" x 6" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	1,755.37 38.48	85.40

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 13 16 00-0583	Polyvinyl Chloride (PVC) DWV Double Sanitary Tees (22 13 16 00-0539)				
22 13 16 00-0584	EA	1-1/2"	Polyvinyl Chloride (PVC) DWV Double Sanitary Tees	86.83	35.59
			<i>For Work In Restricted Working Space, Add</i>	16.03	
22 13 16 00-0585	EA	2"	Polyvinyl Chloride (PVC) DWV Double Sanitary Tees	117.31	45.53
			<i>For Work In Restricted Working Space, Add</i>	20.52	
22 13 16 00-0586	EA	3"	Polyvinyl Chloride (PVC) DWV Double Sanitary Tees	229.07	61.25
			<i>For Work In Restricted Working Space, Add</i>	27.58	
22 13 16 00-0587	EA	4"	Polyvinyl Chloride (PVC) DWV Double Sanitary Tees	327.40	71.19
			<i>For Work In Restricted Working Space, Add</i>	32.07	
22 13 16 00-0588	Polyvinyl Chloride (PVC) DWV Reducing Double Sanitary Tees (22 13 16 00-0539)				
22 13 16 00-0589	EA	2" x 2" x 1-1/2" x 1-1/2"	Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	105.12	40.62
			<i>For Work In Restricted Working Space, Add</i>	18.28	
22 13 16 00-0590	EA	3" x 3" x 1-1/2" x 1-1/2"	Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	176.49	48.42
			<i>For Work In Restricted Working Space, Add</i>	21.80	
22 13 16 00-0591	EA	3" x 3" x 2" x 2"	Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	203.18	53.44
			<i>For Work In Restricted Working Space, Add</i>	24.05	
22 13 16 00-0592	EA	4" x 4" x 2" x 2"	Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	358.54	58.36
			<i>For Work In Restricted Working Space, Add</i>	26.30	
22 13 16 00-0593	EA	4" x 4" x 3" x 3"	Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	377.74	66.16
			<i>For Work In Restricted Working Space, Add</i>	29.82	
22 13 16 00-0594	Polyvinyl Chloride (PVC) DWV Reducers (22 13 16 00-0539)				
22 13 16 00-0595	EA	2" x 1-1/2"	Polyvinyl Chloride (PVC) DWV Reducers	42.86	20.31
			<i>For Work In Restricted Working Space, Add</i>	9.14	
22 13 16 00-0596	EA	3" x 1-1/2"	Polyvinyl Chloride (PVC) DWV Reducers	75.95	24.16
			<i>For Work In Restricted Working Space, Add</i>	10.91	
22 13 16 00-0597	EA	3" x 2"	Polyvinyl Chloride (PVC) DWV Reducers	73.23	26.73
			<i>For Work In Restricted Working Space, Add</i>	12.02	
22 13 16 00-0598	EA	4" x 2"	Polyvinyl Chloride (PVC) DWV Reducers	109.41	29.18
			<i>For Work In Restricted Working Space, Add</i>	13.15	
22 13 16 00-0599	EA	4" x 3"	Polyvinyl Chloride (PVC) DWV Reducers	118.28	33.13
			<i>For Work In Restricted Working Space, Add</i>	14.91	
22 13 16 00-0600	EA	6" x 3"	Polyvinyl Chloride (PVC) DWV Reducers	404.17	38.48
			<i>For Work In Restricted Working Space, Add</i>	17.32	
22 13 16 00-0601	EA	6" x 4"	Polyvinyl Chloride (PVC) DWV Reducers	339.70	40.94
			<i>For Work In Restricted Working Space, Add</i>	18.44	
22 13 16 00-0602	EA	8" x 4"	Polyvinyl Chloride (PVC) DWV Reducers	836.96	48.96
			<i>For Work In Restricted Working Space, Add</i>	22.05	
22 13 16 00-0603	EA	8" x 6"	Polyvinyl Chloride (PVC) DWV Reducers	709.67	54.30
			<i>For Work In Restricted Working Space, Add</i>	24.45	
22 13 16 00-0604	EA	10" x 6"	Polyvinyl Chloride (PVC) DWV Reducers	952.07	64.66
			<i>For Work In Restricted Working Space, Add</i>	29.13	
22 13 16 00-0605	EA	10" x 8"	Polyvinyl Chloride (PVC) DWV Reducers	750.52	72.68
			<i>For Work In Restricted Working Space, Add</i>	32.73	
22 13 16 00-0606	Polyvinyl Chloride (PVC) DWV P-Traps (22 13 16 00-0539)				
22 13 16 00-0607	EA	1-1/2"	Polyvinyl Chloride (PVC) DWV P-Traps	61.79	26.73
			<i>For Work In Restricted Working Space, Add</i>	12.02	
22 13 16 00-0608	EA	2"	Polyvinyl Chloride (PVC) DWV P-Traps	80.88	34.20
			<i>For Work In Restricted Working Space, Add</i>	15.39	
22 13 16 00-0609	EA	3"	Polyvinyl Chloride (PVC) DWV P-Traps	216.23	45.97
			<i>For Work In Restricted Working Space, Add</i>	20.68	
22 13 16 00-0610	EA	4"	Polyvinyl Chloride (PVC) DWV P-Traps	430.92	53.44
			<i>For Work In Restricted Working Space, Add</i>	24.05	
22 13 16 00-0611	EA	6"	Polyvinyl Chloride (PVC) DWV P-Traps	724.37	69.37
			<i>For Work In Restricted Working Space, Add</i>	31.26	
22 13 16 00-0612	Polyvinyl Chloride (PVC) DWV Closet Flanges (22 13 16 00-0539)				
22 13 16 00-0613	EA	4"	Polyvinyl Chloride (PVC) DWV Closet Flanges	95.06	35.59
			<i>For Work In Restricted Working Space, Add</i>	16.03	
22 13 16 00-0614	EA	4" x 3"	Polyvinyl Chloride (PVC) DWV Closet Flanges	78.80	33.13
			<i>For Work In Restricted Working Space, Add</i>	14.91	
22 13 16 00-0615	Polyvinyl Chloride (PVC) DWV Wyes (22 13 16 00-0539)				
22 13 16 00-0616	EA	1-1/2"	Polyvinyl Chloride (PVC) DWV Wyes	62.26	26.73
			<i>For Work In Restricted Working Space, Add</i>	12.02	
22 13 16 00-0617	EA	2"	Polyvinyl Chloride (PVC) DWV Wyes	73.60	34.20
			<i>For Work In Restricted Working Space, Add</i>	15.39	
22 13 16 00-0618	EA	3"	Polyvinyl Chloride (PVC) DWV Wyes	119.39	45.97
			<i>For Work In Restricted Working Space, Add</i>	20.68	
22 13 16 00-0619	EA	4"	Polyvinyl Chloride (PVC) DWV Wyes	174.15	53.44
			<i>For Work In Restricted Working Space, Add</i>	24.05	
22 13 16 00-0620	EA	6"	Polyvinyl Chloride (PVC) DWV Wyes	521.89	69.37
			<i>For Work In Restricted Working Space, Add</i>	31.26	
22 13 16 00-0621	EA	8"	Polyvinyl Chloride (PVC) DWV Wyes	649.55	93.42
			<i>For Work In Restricted Working Space, Add</i>	42.08	
22 13 16 00-0622	EA	10"	Polyvinyl Chloride (PVC) DWV Wyes	855.30	124.52
			<i>For Work In Restricted Working Space, Add</i>	56.11	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 13 16 00-0623	Polyvinyl Chloride (PVC) DWV Reducing Wyes <small>(22 13 16 00-0539)</small>		
22 13 16 00-0624	EA 2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes..... <i>For Work In Restricted Working Space, Add</i>	83.42 13.15	29.18
22 13 16 00-0625	EA 2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes..... <i>For Work In Restricted Working Space, Add</i>	86.81 14.27	31.64
22 13 16 00-0626	EA 3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes..... <i>For Work In Restricted Working Space, Add</i>	120.96 17.80	39.55
22 13 16 00-0627	EA 3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Reducing Wyes..... <i>For Work In Restricted Working Space, Add</i>	102.06 18.92	42.01
22 13 16 00-0628	EA 4" x 4" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes..... <i>For Work In Restricted Working Space, Add</i>	164.68 20.04	44.46
22 13 16 00-0629	EA 4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Reducing Wyes..... <i>For Work In Restricted Working Space, Add</i>	146.04 21.17	47.03
22 13 16 00-0630	EA 4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Reducing Wyes..... <i>For Work In Restricted Working Space, Add</i>	164.56 22.93	50.88
22 13 16 00-0631	EA 6" x 6" x 3" Polyvinyl Chloride (PVC) DWV Reducing Wyes..... <i>For Work In Restricted Working Space, Add</i>	471.36 27.74	61.57
22 13 16 00-0632	EA 6" x 6" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes..... <i>For Work In Restricted Working Space, Add</i>	580.80 28.86	64.03
22 13 16 00-0633	EA 8" x 8" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes..... <i>For Work In Restricted Working Space, Add</i>	556.73 36.08	80.05
22 13 16 00-0634	EA 8" x 8" x 6" Polyvinyl Chloride (PVC) DWV Reducing Wyes..... <i>For Work In Restricted Working Space, Add</i>	699.38 38.48	85.40
22 13 16 00-0635	EA 10" x 10" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes..... <i>For Work In Restricted Working Space, Add</i>	643.19 45.43	100.80
22 13 16 00-0636	EA 10" x 10" x 6" Polyvinyl Chloride (PVC) DWV Reducing Wyes..... <i>For Work In Restricted Working Space, Add</i>	797.46 47.83	106.14
22 13 16 00-0637	EA 10" x 10" x 8" Polyvinyl Chloride (PVC) DWV Reducing Wyes..... <i>For Work In Restricted Working Space, Add</i>	926.27 51.44	114.15
22 13 16 00-0638	Polyvinyl Chloride (PVC) DWV Double Wyes <small>(22 13 16 00-0539)</small>		
22 13 16 00-0639	EA 1-1/2" Polyvinyl Chloride (PVC) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	100.67 16.03	35.59
22 13 16 00-0640	EA 2" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	129.11 20.52	45.53
22 13 16 00-0641	EA 3" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	248.75 27.58	61.25
22 13 16 00-0642	EA 4" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	424.84 32.07	71.19
22 13 16 00-0643	EA 6" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	859.03 41.69	92.57
22 13 16 00-0644	EA 8" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	999.72 56.12	124.63
22 13 16 00-0645	EA 10" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	1,544.37 74.82	166.10
22 13 16 00-0646	Polyvinyl Chloride (PVC) DWV Reducing Double Wyes <small>(22 13 16 00-0539)</small>		
22 13 16 00-0647	EA 2" x 2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	116.38 18.28	40.62
22 13 16 00-0648	EA 3" x 3" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	210.29 21.80	48.42
22 13 16 00-0649	EA 3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	196.93 24.05	53.44
22 13 16 00-0650	EA 4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	278.25 26.30	58.36
22 13 16 00-0651	EA 4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	351.17 29.82	66.16
22 13 16 00-0652	EA 6" x 6" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	536.42 36.88	81.88
22 13 16 00-0653	EA 8" x 8" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	628.46 44.09	97.90
22 13 16 00-0654	EA 8" x 8" x 6" x 6" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	796.02 48.90	108.59
22 13 16 00-0655	EA 10" x 10" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	841.98 53.44	118.65
22 13 16 00-0656	EA 10" x 10" x 6" x 6" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	1,087.27 58.25	129.33
22 13 16 00-0657	EA 10" x 10" x 8" x 8" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	1,312.19 65.47	145.36
22 13 16 00-0658	Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends <small>(22 13 16 00-0539)</small>		
22 13 16 00-0659	EA 1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	76.10 12.02	26.73
22 13 16 00-0660	EA 2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	95.19 15.39	34.20
22 13 16 00-0661	EA 3" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	184.26 20.68	45.97
22 13 16 00-0662	EA 4" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	319.65 24.05	53.44
22 13 16 00-0663	Polyvinyl Chloride (PVC) DWV Reducing Combination Wye And 1/8 Bends <small>(22 13 16 00-0539)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 13 16 00-0664	EA		2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	138.45 14.27	31.64
22 13 16 00-0665	EA		3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	217.20 17.80	39.55
22 13 16 00-0666	EA		3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	161.74 18.92	42.01
22 13 16 00-0667	EA		4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	290.07 21.17	47.03
22 13 16 00-0668	EA		4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	314.20 22.93	50.88
22 13 16 00-0669			Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends <small>(22 13 16 00-0539)</small>		
22 13 16 00-0670	EA		1-1/2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	111.40 16.03	35.59
22 13 16 00-0671	EA		2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	130.31 20.52	45.53
22 13 16 00-0672	EA		3" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	199.49 27.58	61.25
22 13 16 00-0673	EA		4" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	673.62 32.07	71.19
22 13 16 00-0674	EA		6" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	2,196.48 41.69	92.57
22 13 16 00-0675			Polyvinyl Chloride (PVC) DWV Reducing Double Combination Wye And 1/8 Bends <small>(22 13 16 00-0539)</small>		
22 13 16 00-0676	EA		2" x 2" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	250.57 18.28	40.62
22 13 16 00-0677	EA		3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	401.48 24.05	53.44
22 13 16 00-0678	EA		4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	686.48 26.30	58.36
22 13 16 00-0679	EA		4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	623.48 29.82	66.16
22 13 16 00-0680	EA		6" x 6" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	1,467.10 36.88	81.88
22 13 16 00-0681			Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug <small>(22 13 16 00-0539)</small>		
22 13 16 00-0682	EA		2" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug <i>For Work In Restricted Working Space, Add</i>	156.87 15.39	34.20
22 13 16 00-0683	EA		3" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug <i>For Work In Restricted Working Space, Add</i>	270.62 20.68	45.97
22 13 16 00-0684	EA		4" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug <i>For Work In Restricted Working Space, Add</i>	430.98 24.05	53.44
22 13 16 00-0685	EA		6" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug <i>For Work In Restricted Working Space, Add</i>	1,123.56 31.26	69.37
22 13 16 00-0686	EA		8" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug <i>For Work In Restricted Working Space, Add</i>	1,409.44 42.08	93.42
22 13 16 00-0687	EA		10" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug <i>For Work In Restricted Working Space, Add</i>	1,870.47 56.11	124.52
22 13 16 00-0688			Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug <small>(22 13 16 00-0539)</small>		
22 13 16 00-0689	EA		1-1/2" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	44.98 8.02	17.85
22 13 16 00-0690	EA		2" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	63.66 10.26	22.77
22 13 16 00-0691	EA		3" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	91.29 13.79	30.57
22 13 16 00-0692	EA		4" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	159.94 16.03	35.59
22 13 16 00-0693	EA		6" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	361.79 20.84	46.28
22 13 16 00-0694	EA		8" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	806.30 28.06	62.32
22 13 16 00-0695	EA		10" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	1,480.57 37.39	83.05
22 13 16 00-0696			Polyvinyl Chloride (PVC) Couplings <small>(22 13 16 00-0539)</small>		
22 13 16 00-0697	EA		1-1/2" Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	32.14 8.02	17.85
22 13 16 00-0698	EA		2" Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	40.28 10.26	22.77
22 13 16 00-0699	EA		3" Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	61.52 13.79	30.57
22 13 16 00-0700	EA		4" Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	78.99 16.03	35.59
22 13 16 00-0701	EA		6" Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	210.47 20.84	46.28
22 13 16 00-0702	EA		8" Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	500.80 28.06	62.32
22 13 16 00-0703	EA		10" Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	755.83 37.41	83.05

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 13 16 00-0704	Polyvinyl Chloride (PVC) Male Adapters <small>(22 13 16 00-0539)</small>		
22 13 16 00-0705	EA 1-1/2" Polyvinyl Chloride (PVC) Male Adapters <i>For Work In Restricted Working Space, Add</i>	18.83 4.01	8.87
22 13 16 00-0706	EA 2" Polyvinyl Chloride (PVC) Male Adapters <i>For Work In Restricted Working Space, Add</i>	30.56 5.73	11.43
22 13 16 00-0707	EA 3" Polyvinyl Chloride (PVC) Male Adapters <i>For Work In Restricted Working Space, Add</i>	60.32 6.89	15.28
22 13 16 00-0708	EA 4" Polyvinyl Chloride (PVC) Male Adapters <i>For Work In Restricted Working Space, Add</i>	112.30 8.02	17.85
22 13 16 00-0709	Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe <small>(22 13 16 00-0504)</small> Note: In place piping.		
22 13 16 00-0710	EA 1-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe.....	7.83	
22 13 16 00-0711	EA 2", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe.....	8.62	
22 13 16 00-0712	EA 3", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe.....	10.96	
22 13 16 00-0713	EA 4", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe.....	14.80	
22 13 16 00-0714	EA 6", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe.....	21.15	
22 13 16 00-0715	EA 8", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe.....	28.20	
22 13 16 00-0716	EA 10", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe.....	34.48	
22 13 16 00-0717	Acrylonitrile Butadiene Styrene (ABS) Drain-Waste-Vent (DWV) Pipe And Fittings <small>(22 13 16)</small> Note: Aboveground installation.		
22 13 16 00-0718	Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assemblies <small>(22 13 16 00-0717)</small> Note: Includes all hangers and couplings, elbow, tee and reducer fittings. All hangers are complete assemblies installed in accordance with uniform plumbing code. Not for use where detail is available.		
22 13 16 00-0719	LF 1-1/2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	26.10 6.15	4.49
22 13 16 00-0720	LF 2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	29.00 6.81	5.35
22 13 16 00-0721	LF 3" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	39.63 8.46	7.70
22 13 16 00-0722	LF 4" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	45.66 9.40	8.34
22 13 16 00-0723	LF 6" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	76.19 12.50	10.69
22 13 16 00-0724	Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe (ASTM F-628) <small>(22 13 16 00-0717)</small> Note: Excludes fittings or hangers.		
22 13 16 00-0725	LF 1-1/2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe..... <i>For Work In Restricted Working Space, Add</i>	9.16 2.00	4.49
22 13 16 00-0726	LF 2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe..... <i>For Work In Restricted Working Space, Add</i>	11.34 2.40	5.35
22 13 16 00-0727	LF 3" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe..... <i>For Work In Restricted Working Space, Add</i>	18.37 3.45	7.70
22 13 16 00-0728	LF 4" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe..... <i>For Work In Restricted Working Space, Add</i>	22.31 3.74	8.34
22 13 16 00-0729	LF 6" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe..... <i>For Work In Restricted Working Space, Add</i>	35.03 4.49	9.99
22 13 16 00-0730	Acrylonitrile Butadiene Styrene (ABS) DWV Fittings (ASTM D-2661) <small>(22 13 16 00-0717)</small>		
22 13 16 00-0731	Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends <small>(22 13 16 00-0730)</small>		
22 13 16 00-0732	EA 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends <i>For Work In Restricted Working Space, Add</i>	37.28 8.02	17.85
22 13 16 00-0733	EA 2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	49.24 10.26	22.77
22 13 16 00-0734	EA 3" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	92.38 13.79	30.57
22 13 16 00-0735	EA 4" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	144.38 16.03	35.59
22 13 16 00-0736	EA 6" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	408.89 20.84	46.28
22 13 16 00-0737	Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends <small>(22 13 16 00-0730)</small>		
22 13 16 00-0738	EA 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	51.85 8.02	17.85

22 Plumbing
22 10 Plumbing Piping
22 13 Facility Sanitary Sewerage

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0739	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends <i>For Work In Restricted Working Space, Add</i>	63.49 10.26	22.77
22 13 16 00-0740	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends <i>For Work In Restricted Working Space, Add</i>	127.77 13.79	30.57
22 13 16 00-0741	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends <i>For Work In Restricted Working Space, Add</i>	214.78 16.03	35.59
22 13 16 00-0742			Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends <small>(22 13 16 00-0730)</small>		
22 13 16 00-0743	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	39.25 8.02	17.85
22 13 16 00-0744	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	47.86 10.26	22.77
22 13 16 00-0745	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	85.13 13.79	30.57
22 13 16 00-0746	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	130.98 16.03	35.59
22 13 16 00-0747	EA		6" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	423.02 20.84	46.28
22 13 16 00-0748			Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees <small>(22 13 16 00-0730)</small>		
22 13 16 00-0749	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	58.04 12.02	26.73
22 13 16 00-0750	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	78.29 15.39	34.20
22 13 16 00-0751	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	137.71 20.68	45.97
22 13 16 00-0752	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	212.30 24.05	53.44
22 13 16 00-0753	EA		6" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	820.45 31.26	69.37
22 13 16 00-0754			Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees <small>(22 13 16 00-0730)</small>		
22 13 16 00-0755	EA		2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	72.45 13.15	29.18
22 13 16 00-0756	EA		2" x 1-1/2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	87.78 14.27	31.64
22 13 16 00-0757	EA		2" x 2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	73.44 14.27	31.64
22 13 16 00-0758	EA		3" x 3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	111.85 17.80	39.55
22 13 16 00-0759	EA		3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	116.07 18.92	42.01
22 13 16 00-0760	EA		4" x 4" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	257.26 20.04	44.46
22 13 16 00-0761	EA		4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	248.33 21.17	47.03
22 13 16 00-0762	EA		4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	284.90 22.93	50.88
22 13 16 00-0763	EA		6" x 6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	897.00 28.86	64.03
22 13 16 00-0764			Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees <small>(22 13 16 00-0730)</small>		
22 13 16 00-0765	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	107.99 16.03	35.59
22 13 16 00-0766	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	147.99 20.52	45.53
22 13 16 00-0767	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	315.47 27.58	61.25
22 13 16 00-0768	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	465.19 32.07	71.19
22 13 16 00-0769			Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Sanitary Tees <small>(22 13 16 00-0730)</small>		
22 13 16 00-0770	EA		2" x 2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	122.79 18.28	40.62
22 13 16 00-0771	EA		3" x 3" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	186.62 21.80	48.42
22 13 16 00-0772	EA		3" x 3" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	214.98 24.05	53.44
22 13 16 00-0773	EA		4" x 4" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	378.86 24.59	54.57
22 13 16 00-0774	EA		4" x 4" x 3" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	398.05 27.88	61.86
22 13 16 00-0775			Acrylonitrile Butadiene Styrene (ABS) DWV Wyes <small>(22 13 16 00-0730)</small>		
22 13 16 00-0776	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	76.23 12.02	26.73
22 13 16 00-0777	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	88.42 15.39	34.20

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0778	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes..... <i>For Work In Restricted Working Space, Add</i>	151.09 20.68	45.97
22 13 16 00-0779	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes..... <i>For Work In Restricted Working Space, Add</i>	233.22 24.05	53.44
22 13 16 00-0780	EA		6" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes..... <i>For Work In Restricted Working Space, Add</i>	665.80 31.26	69.37
22 13 16 00-0781			Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes (22 13 16 00-0730)		
22 13 16 00-0782	EA		2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	108.32 13.15	29.18
22 13 16 00-0783	EA		2" x 2" X 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	111.41 14.27	31.64
22 13 16 00-0784	EA		3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes..... <i>For Work In Restricted Working Space, Add</i>	126.90 18.92	42.01
22 13 16 00-0785	EA		4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes..... <i>For Work In Restricted Working Space, Add</i>	193.52 21.17	47.03
22 13 16 00-0786	EA		4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes..... <i>For Work In Restricted Working Space, Add</i>	220.10 22.93	50.88
22 13 16 00-0787	EA		6" x 6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes..... <i>For Work In Restricted Working Space, Add</i>	560.19 28.86	64.03
22 13 16 00-0788			Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes (22 13 16 00-0730)		
22 13 16 00-0789	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	130.33 16.03	35.59
22 13 16 00-0790	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	167.31 20.52	45.53
22 13 16 00-0791	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	347.59 27.58	61.25
22 13 16 00-0792	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	624.81 32.07	71.19
22 13 16 00-0793			Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Wyes (22 13 16 00-0730)		
22 13 16 00-0794	EA		2" x 2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	151.25 18.28	40.62
22 13 16 00-0795	EA		3" x 3" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	253.02 21.80	48.42
22 13 16 00-0796	EA		3" x 3" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	269.98 24.05	53.44
22 13 16 00-0797	EA		4" x 4" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	398.18 26.30	58.36
22 13 16 00-0798	EA		4" x 4" x 3" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	509.58 29.82	66.16
22 13 16 00-0799			Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bend (22 13 16 00-0730)		
22 13 16 00-0800	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	97.83 12.02	26.73
22 13 16 00-0801	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	126.34 15.39	34.20
22 13 16 00-0802	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	192.59 20.68	45.97
22 13 16 00-0803	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	317.69 22.49	49.97
22 13 16 00-0804			Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Combination Wye And 1/8 Bend (22 13 16 00-0730)		
22 13 16 00-0805	EA		2" x 2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	108.34 14.27	31.64
22 13 16 00-0806	EA		3" x 3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	203.23 17.80	39.55
22 13 16 00-0807	EA		3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	152.99 18.92	42.01
22 13 16 00-0808	EA		4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	270.87 21.17	47.03
22 13 16 00-0809	EA		4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	293.34 22.93	50.88
22 13 16 00-0810			Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bend (22 13 16 00-0730)		
22 13 16 00-0811	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	204.27 20.52	45.53
22 13 16 00-0812	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	405.27 27.58	61.25
22 13 16 00-0813			Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Combination Wye And 1/8 Bend (22 13 16 00-0730)		
22 13 16 00-0814	EA		2" x 2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	170.25 18.28	40.62

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 13 16 00-0815	EA		3" x 3" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	388.17 24.05	53.44
22 13 16 00-0816			Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug <small>(22 13 16 00-0730)</small>		
22 13 16 00-0817	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug <i>For Work In Restricted Working Space, Add</i>	108.00 12.02	26.73
22 13 16 00-0818	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug <i>For Work In Restricted Working Space, Add</i>	136.52 15.39	34.20
22 13 16 00-0819	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug <i>For Work In Restricted Working Space, Add</i>	215.32 20.68	45.97
22 13 16 00-0820	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug <i>For Work In Restricted Working Space, Add</i>	353.80 24.05	53.44
22 13 16 00-0821			Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug <small>(22 13 16 00-0730)</small>		
22 13 16 00-0822	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug..... <i>For Work In Restricted Working Space, Add</i>	50.01 8.02	17.85
22 13 16 00-0823	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug..... <i>For Work In Restricted Working Space, Add</i>	71.78 10.26	22.77
22 13 16 00-0824	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug..... <i>For Work In Restricted Working Space, Add</i>	103.72 13.79	30.57
22 13 16 00-0825	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug..... <i>For Work In Restricted Working Space, Add</i>	189.39 16.03	35.59
22 13 16 00-0826	EA		6" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug..... <i>For Work In Restricted Working Space, Add</i>	442.71 20.84	46.28
22 13 16 00-0827			Acrylonitrile Butadiene Styrene (ABS) DWV Couplings <small>(22 13 16 00-0730)</small>		
22 13 16 00-0828	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings..... <i>For Work In Restricted Working Space, Add</i>	34.75 8.02	17.85
22 13 16 00-0829	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings..... <i>For Work In Restricted Working Space, Add</i>	42.66 10.26	22.77
22 13 16 00-0830	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings..... <i>For Work In Restricted Working Space, Add</i>	68.99 13.79	30.57
22 13 16 00-0831	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings..... <i>For Work In Restricted Working Space, Add</i>	91.39 16.03	35.59
22 13 16 00-0832	EA		6" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings..... <i>For Work In Restricted Working Space, Add</i>	257.06 20.84	46.28
22 13 16 00-0833			Acrylonitrile Butadiene Styrene (ABS) DWV Reducers <small>(22 13 16 00-0730)</small>		
22 13 16 00-0834	EA		2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	50.81 9.14	20.31
22 13 16 00-0835	EA		3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	100.85 10.91	24.16
22 13 16 00-0836	EA		3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	94.17 12.02	26.73
22 13 16 00-0837	EA		4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	150.50 13.15	29.18
22 13 16 00-0838	EA		4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	161.31 14.91	33.13
22 13 16 00-0839			Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps <small>(22 13 16 00-0730)</small>		
22 13 16 00-0840	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps..... <i>For Work In Restricted Working Space, Add</i>	79.52 12.02	26.73
22 13 16 00-0841	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps <i>For Work In Restricted Working Space, Add</i>	115.14 15.39	34.20
22 13 16 00-0842	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps <i>For Work In Restricted Working Space, Add</i>	361.36 20.68	45.97
22 13 16 00-0843	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps <i>For Work In Restricted Working Space, Add</i>	679.25 24.05	53.44
22 13 16 00-0844			Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges <small>(22 13 16 00-0730)</small>		
22 13 16 00-0845	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges..... <i>For Work In Restricted Working Space, Add</i>	108.51 16.03	35.59
22 13 16 00-0846	EA		4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges..... <i>For Work In Restricted Working Space, Add</i>	101.35 14.91	33.13
22 13 16 00-0847			Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters <small>(22 13 16 00-0730)</small>		
22 13 16 00-0848	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters..... <i>For Work In Restricted Working Space, Add</i>	23.60 4.01	8.87
22 13 16 00-0849	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters..... <i>For Work In Restricted Working Space, Add</i>	35.25 5.13	11.43
22 13 16 00-0850	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters..... <i>For Work In Restricted Working Space, Add</i>	75.86 6.89	15.28
22 13 16 00-0851	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters..... <i>For Work In Restricted Working Space, Add</i>	143.71 8.02	17.85
22 13 16 00-0852			Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushings <small>(22 13 16 00-0730)</small>		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 13 16 00-0853	EA			2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing <i>For Work In Restricted Working Space, Add</i>	38.92 9.14	20.31
22 13 16 00-0854	EA			3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing <i>For Work In Restricted Working Space, Add</i>	81.99 10.91	24.16
22 13 16 00-0855	EA			3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing <i>For Work In Restricted Working Space, Add</i>	69.08 12.02	26.73
22 13 16 00-0856	EA			4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing <i>For Work In Restricted Working Space, Add</i>	149.03 13.15	29.18
22 13 16 00-0857	EA			4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing <i>For Work In Restricted Working Space, Add</i>	110.67 14.91	33.13
22 13 16 00-0858	EA			6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing <i>For Work In Restricted Working Space, Add</i>	296.54 17.24	38.27

22 13 16 00-0859 Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Couplings (22 13 16 00-0730)

22 13 16 00-0860	EA			1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling <i>For Work In Restricted Working Space, Add</i>	116.18 8.02	17.85
22 13 16 00-0861	EA			2" x 2" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling <i>For Work In Restricted Working Space, Add</i>	129.61 10.26	22.77
22 13 16 00-0862	EA			3" x 3" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling <i>For Work In Restricted Working Space, Add</i>	147.35 13.79	30.57
22 13 16 00-0863	EA			4" x 4" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling <i>For Work In Restricted Working Space, Add</i>	160.78 16.03	35.59

22 13 16 00-0864 Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe (22 13 16 00-0717)

<i>Note: In place piping.</i>						
22 13 16 00-0865	EA			1-1/2", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	7.83	
22 13 16 00-0866	EA			2", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	8.62	
22 13 16 00-0867	EA			3", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	10.96	
22 13 16 00-0868	EA			4", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	14.80	
22 13 16 00-0869	EA			6", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	21.15	

22 13 16 00-0870 Elastomeric Flexible Pipe Couplings (22 13 16)

22 13 16 00-0871 Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Couplings (22 13 16 00-0870)

<i>Note: For cast iron or plastic to cast iron or plastic pipe (Cast Iron/Plastic To Cast Iron/Plastic). Includes stainless steel clamps.</i>						
22 13 16 00-0872	EA			1-1/4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-125) <i>For Work In Restricted Working Space, Add</i>	13.60 2.78	4.64
22 13 16 00-0873	EA			1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-150) <i>For Work In Restricted Working Space, Add</i>	14.65 2.96	4.93
22 13 16 00-0874	EA			2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-22) <i>For Work In Restricted Working Space, Add</i>	15.41 3.14	5.23
22 13 16 00-0875	EA			3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-33) <i>For Work In Restricted Working Space, Add</i>	17.73 3.31	5.52
22 13 16 00-0876	EA			4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-44) <i>For Work In Restricted Working Space, Add</i>	20.00 3.48	5.80
22 13 16 00-0877	EA			5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-55) <i>For Work In Restricted Working Space, Add</i>	25.33 3.65	6.09
22 13 16 00-0878	EA			6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-66) <i>For Work In Restricted Working Space, Add</i>	30.72 3.83	6.38
22 13 16 00-0879	EA			8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-88) <i>For Work In Restricted Working Space, Add</i>	41.54 4.18	6.97
22 13 16 00-0880	EA			10" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1010) <i>For Work In Restricted Working Space, Add</i>	54.63 4.88	8.13

22 13 16 00-0881 Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Couplings (22 13 16 00-0870)

<i>Note: For cast iron or plastic to cast iron or plastic pipe (Cast Iron/Plastic To Cast Iron/Plastic). Includes stainless steel clamps.</i>						
22 13 16 00-0882	EA			1-1/2" x 1-1/4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-150/125) <i>For Work In Restricted Working Space, Add</i>	14.48 2.96	4.93
22 13 16 00-0883	EA			2" x 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-215) <i>For Work In Restricted Working Space, Add</i>	15.69 3.14	5.23
22 13 16 00-0884	EA			3" x 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-315) <i>For Work In Restricted Working Space, Add</i>	19.12 3.31	5.52
22 13 16 00-0885	EA			3" x 2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-32) <i>For Work In Restricted Working Space, Add</i>	17.23 3.31	5.52
22 13 16 00-0886	EA			4" x 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-415) <i>For Work In Restricted Working Space, Add</i>	23.41 3.48	5.80
22 13 16 00-0887	EA			4" x 2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-42) <i>For Work In Restricted Working Space, Add</i>	22.44 3.48	5.80
22 13 16 00-0888	EA			4" x 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-43) <i>For Work In Restricted Working Space, Add</i>	20.65 3.48	5.80
22 13 16 00-0889	EA			5" x 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-53) <i>For Work In Restricted Working Space, Add</i>	29.55 3.65	6.09
22 13 16 00-0890	EA			5" x 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-54) <i>For Work In Restricted Working Space, Add</i>	26.80 3.65	6.09
22 13 16 00-0891	EA			6" x 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-63) <i>For Work In Restricted Working Space, Add</i>	36.39 3.83	6.38

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 13 16 00-0892	EA		6" x 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-64) <i>For Work In Restricted Working Space, Add</i>	32.29 3.83	6.38
22 13 16 00-0893	EA		6" x 5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-65) <i>For Work In Restricted Working Space, Add</i>	33.43 3.83	6.38
22 13 16 00-0894	EA		8" x 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-84) <i>For Work In Restricted Working Space, Add</i>	65.48 6.97	11.61
22 13 16 00-0895	EA		8" x 6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-86) <i>For Work In Restricted Working Space, Add</i>	54.09 6.97	11.61
22 13 16 00-0896	EA		10" x 8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-10-8) <i>For Work In Restricted Working Space, Add</i>	68.16 7.84	13.06

22 13 16 00-0897 Elastomeric Flexible Pipe Caps (Fernco QC) (22 13 16)

Note: For cast iron, steel, copper or plastic pipe. Includes stainless steel clamp.

22 13 16 00-0898	EA		1-1/2" Elastomeric Flexible Pipe Cap (Fernco QC-101).....	51.01	31.34
22 13 16 00-0899	EA		2" Elastomeric Flexible Pipe Cap (Fernco QC-102).....	54.69	33.32
22 13 16 00-0900	EA		3" Elastomeric Flexible Pipe Cap (Fernco QC-103).....	63.31	38.19
22 13 16 00-0901	EA		4" Elastomeric Flexible Pipe Cap (Fernco QC-104).....	83.55	50.49
22 13 16 00-0902	EA		5" Elastomeric Flexible Pipe Cap (Fernco QC-105).....	100.13	60.36
22 13 16 00-0903	EA		6" Elastomeric Flexible Pipe Cap (Fernco QC-106).....	115.49	69.65
22 13 16 00-0904	EA		8" Elastomeric Flexible Pipe Cap (Fernco QC-108).....	154.61	88.21
22 13 16 00-0905	EA		10" Elastomeric Flexible Pipe Cap (Fernco QC-110).....	189.50	98.66
22 13 16 00-0906	EA		12" Elastomeric Flexible Pipe Cap (Fernco QC-112).....	238.87	109.69

22 13 16 00-0907 Cast Iron Vent Stack Flashing Sleeves With Caulking Recess (Josam 26450 Series) (22 13 16)

22 13 16 00-0908	EA		1-1/2" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	97.92	24.05
22 13 16 00-0909	EA		2" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess.....	103.26	26.73
22 13 16 00-0910	EA		3" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess.....	154.89	34.73
22 13 16 00-0911	EA		4" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess.....	181.60	40.08
22 13 16 00-0912	EA		5" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess.....	211.84	45.42
22 13 16 00-0913	EA		6" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess.....	357.76	50.77

22 13 16 00-0914 Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess (Josam 26440 Series) (22 13 16)

22 13 16 00-0915	EA		1-1/2" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	203.61	24.05
22 13 16 00-0916	EA		2" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	208.95	26.73
22 13 16 00-0917	EA		3" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	248.24	34.73
22 13 16 00-0918	EA		4" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	310.75	40.08
22 13 16 00-0919	EA		5" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	425.11	45.42
22 13 16 00-0920	EA		6" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	435.80	50.77

22 13 16 00-0921 Cast Iron Vandal Proof Hooded Vent Cap (Josam 26700 Series) (22 13 16)

Note: Includes counterflashing collar, deep protective hood and recessed securing screws.

22 13 16 00-0922	EA		1-1/2" Cast Iron Vandal Proof Hooded Vent Cap.....	389.48	24.05
22 13 16 00-0923	EA		2" Cast Iron Vandal Proof Hooded Vent Cap.....	394.82	26.73
22 13 16 00-0924	EA		3" Cast Iron Vandal Proof Hooded Vent Cap.....	453.53	34.73
22 13 16 00-0925	EA		4" Cast Iron Vandal Proof Hooded Vent Cap.....	510.45	40.08
22 13 16 00-0926	EA		5" Cast Iron Vandal Proof Hooded Vent Cap.....	595.82	45.42
22 13 16 00-0927	EA		6" Cast Iron Vandal Proof Hooded Vent Cap.....	650.96	50.77

22 13 19 Sanitary Waste Piping Specialties (22 13)

22 13 19 13 Sanitary Drains (22 13 19)

22 13 19 13-0001 Round Top Floor Drains (22 13 19 13)

22 13 19 13-0002	EA		Bronze Top, 6" Round Top Floor Drain With 1-1/2" Outlet.....	824.62	114.90
			<i>For Sediment Bucket, Add</i>	22.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	105.00	
			<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0003	EA		Bronze Top, 6" Round Top Floor Drain With 2" Outlet.....	905.59	128.80
			<i>For Sediment Bucket, Add</i>	22.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	105.00	
			<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0004	EA		Bronze Top, 6" Round Top Floor Drain With 3" Outlet.....	879.88	142.48
			<i>For Sediment Bucket, Add</i>	22.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	105.00	
			<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0005	EA		Bronze Top, 6" Round Top Floor Drain With 4" Outlet.....	909.23	157.23
			<i>For Sediment Bucket, Add</i>	22.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	105.00	
			<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0006	EA		Cast Iron Top, 9" Round Top Floor Drain With 2" Outlet.....	825.00	128.80
			<i>For Ductile Iron Grate, Add</i>	48.00	
			<i>For Cast Iron Dome Grate, Add</i>	17.00	
			<i>For Nikaloy Dome Grate, Add</i>	178.50	
			<i>For Bronze Dome Grate, Add</i>	143.00	
			<i>For Cast Iron Extension Collar, Each 3", Add</i>	57.50	
			<i>For Galvanized Extension Collar, Each 3", Add</i>	117.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
			<i>For Vandal Proof Screws, Add</i>	30.50	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0007 EA Cast Iron Top, 9" Round Top Floor Drain With 3" Outlet	852.47	142.48
For Ductile Iron Grate, Add	48.00	
For Cast Iron Dome Grate, Add	17.00	
For Nikaloy Dome Grate, Add	178.50	
For Bronze Dome Grate, Add	143.00	
For Cast Iron Extension Collar, Each 3", Add	57.50	
For Galvanized Extension Collar, Each 3", Add	117.50	
For Galvanized Cast Iron Parts, Add	87.50	
For Vandal Proof Screws, Add	30.50	
22 13 19 13-0008 EA Cast Iron Top, 9" Round Top Floor Drain With 4" Outlet	881.82	157.23
For Ductile Iron Grate, Add	48.00	
For Cast Iron Dome Grate, Add	17.00	
For Nikaloy Dome Grate, Add	178.50	
For Bronze Dome Grate, Add	143.00	
For Cast Iron Extension Collar, Each 3", Add	57.50	
For Galvanized Extension Collar, Each 3", Add	117.50	
For Galvanized Cast Iron Parts, Add	87.50	
For Vandal Proof Screws, Add	30.50	
22 13 19 13-0009 EA Nikaloy Top, 9" Round Top Floor Drain With 2" Outlet	1,389.70	128.80
For Ductile Iron Grate, Add	48.00	
For Cast Iron Dome Grate, Add	17.00	
For Nikaloy Dome Grate, Add	178.50	
For Bronze Dome Grate, Add	143.00	
For Cast Iron Extension Collar, Each 3", Add	57.50	
For Galvanized Extension Collar, Each 3", Add	117.50	
For Galvanized Cast Iron Parts, Add	87.50	
For Vandal Proof Screws, Add	30.50	
22 13 19 13-0010 EA Nikaloy Top, 9" Round Top Floor Drain With 3" Outlet	1,417.17	142.48
For Ductile Iron Grate, Add	48.00	
For Cast Iron Dome Grate, Add	17.00	
For Nikaloy Dome Grate, Add	178.50	
For Bronze Dome Grate, Add	143.00	
For Cast Iron Extension Collar, Each 3", Add	57.50	
For Galvanized Extension Collar, Each 3", Add	117.50	
For Galvanized Cast Iron Parts, Add	87.50	
For Vandal Proof Screws, Add	30.50	
22 13 19 13-0011 EA Nikaloy Top, 9" Round Top Floor Drain With 4" Outlet	1,446.52	157.23
For Ductile Iron Grate, Add	48.00	
For Cast Iron Dome Grate, Add	17.00	
For Nikaloy Dome Grate, Add	178.50	
For Bronze Dome Grate, Add	143.00	
For Cast Iron Extension Collar, Each 3", Add	57.50	
For Galvanized Extension Collar, Each 3", Add	117.50	
For Galvanized Cast Iron Parts, Add	87.50	
For Vandal Proof Screws, Add	30.50	
22 13 19 13-0012 EA Bronze Top, 9" Round Top Floor Drain With 2" Outlet	1,307.46	128.80
For Ductile Iron Grate, Add	48.00	
For Cast Iron Dome Grate, Add	17.00	
For Nikaloy Dome Grate, Add	178.50	
For Bronze Dome Grate, Add	143.00	
For Cast Iron Extension Collar, Each 3", Add	57.50	
For Galvanized Extension Collar, Each 3", Add	117.50	
For Galvanized Cast Iron Parts, Add	87.50	
For Vandal Proof Screws, Add	30.50	
22 13 19 13-0013 EA Bronze Top, 9" Round Top Floor Drain With 3" Outlet	1,334.78	142.48
For Ductile Iron Grate, Add	48.00	
For Cast Iron Dome Grate, Add	17.00	
For Nikaloy Dome Grate, Add	178.50	
For Bronze Dome Grate, Add	143.00	
For Cast Iron Extension Collar, Each 3", Add	57.50	
For Galvanized Extension Collar, Each 3", Add	117.50	
For Galvanized Cast Iron Parts, Add	87.50	
For Vandal Proof Screws, Add	30.50	
22 13 19 13-0014 EA Bronze Top, 9" Round Top Floor Drain With 4" Outlet	1,364.28	157.23
For Ductile Iron Grate, Add	48.00	
For Cast Iron Dome Grate, Add	17.00	
For Nikaloy Dome Grate, Add	178.50	
For Bronze Dome Grate, Add	143.00	
For Cast Iron Extension Collar, Each 3", Add	57.50	
For Galvanized Extension Collar, Each 3", Add	117.50	
For Galvanized Cast Iron Parts, Add	87.50	
For Vandal Proof Screws, Add	30.50	
22 13 19 13-0015 EA Cast Iron Top, 12-5/8" Round Top Floor Drain With 2" Outlet	1,438.91	128.69
For Ductile Iron Grate, Add	53.00	
For Cast Iron Dome Grate, Add	28.00	
For Nikaloy Dome Grate, Add	255.00	
For Cast Iron Extension Collar, Each 2", Add	51.00	
For Galvanized Extension Collar, Each 2", Add	102.50	
For Galvanized Cast Iron Parts, Add	132.00	
For Primer Tap, Add	33.50	
For Chained Grate, Add	48.50	
For Vandal Proof Screws, Add	30.50	
22 13 19 13-0016 EA Cast Iron Top, 12-5/8" Round Top Floor Drain With 3" Outlet	1,466.36	142.48
For Ductile Iron Grate, Add	53.00	
For Cast Iron Dome Grate, Add	28.00	
For Nikaloy Dome Grate, Add	255.00	
For Cast Iron Extension Collar, Each 2", Add	51.00	
For Galvanized Extension Collar, Each 2", Add	102.50	
For Galvanized Cast Iron Parts, Add	132.00	
For Primer Tap, Add	33.50	
For Chained Grate, Add	48.50	
For Vandal Proof Screws, Add	30.50	

22 Plumbing
22 10 Plumbing Piping
22 13 Facility Sanitary Sewerage

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 13 19 13-0017	EA	Cast Iron Top, 12-5/8" Round Top Floor Drain With 4" Outlet	1,495.86	157.23
		For Ductile Iron Grate, Add	53.00	
		For Cast Iron Dome Grate, Add	28.00	
		For Nikaloy Dome Grate, Add	255.00	
		For Cast Iron Extension Collar, Each 2", Add	51.00	
		For Galvanized Extension Collar, Each 2", Add	102.50	
		For Galvanized Cast Iron Parts, Add	132.00	
		For Primer Tap, Add	33.50	
		For Chained Grate, Add	48.50	
		For Vandal Proof Screws, Add	30.50	
22 13 19 13-0018	EA	Nikaloy Top, 12-5/8" Round Top Floor Drain With 2" Outlet	2,283.21	128.69
		For Ductile Iron Grate, Add	53.00	
		For Cast Iron Dome Grate, Add	28.00	
		For Nikaloy Dome Grate, Add	255.00	
		For Cast Iron Extension Collar, Each 2", Add	51.00	
		For Galvanized Extension Collar, Each 2", Add	102.50	
		For Galvanized Cast Iron Parts, Add	132.00	
		For Primer Tap, Add	33.50	
		For Chained Grate, Add	48.50	
		For Vandal Proof Screws, Add	30.50	
22 13 19 13-0019	EA	Nikaloy Top, 12-5/8" Round Top Floor Drain With 3" Outlet	2,310.66	142.48
		For Ductile Iron Grate, Add	53.00	
		For Cast Iron Dome Grate, Add	28.00	
		For Nikaloy Dome Grate, Add	255.00	
		For Cast Iron Extension Collar, Each 2", Add	51.00	
		For Galvanized Extension Collar, Each 2", Add	102.50	
		For Galvanized Cast Iron Parts, Add	132.00	
		For Primer Tap, Add	33.50	
		For Chained Grate, Add	48.50	
		For Vandal Proof Screws, Add	30.50	
22 13 19 13-0020	EA	Nikaloy Top, 12-5/8" Round Top Floor Drain With 4" Outlet	2,340.16	157.23
		For Ductile Iron Grate, Add	53.00	
		For Cast Iron Dome Grate, Add	28.00	
		For Nikaloy Dome Grate, Add	255.00	
		For Cast Iron Extension Collar, Each 2", Add	51.00	
		For Galvanized Extension Collar, Each 2", Add	102.50	
		For Galvanized Cast Iron Parts, Add	132.00	
		For Primer Tap, Add	33.50	
		For Chained Grate, Add	48.50	
		For Vandal Proof Screws, Add	30.50	
22 13 19 13-0021	EA	Bronze Top, 12-5/8" Round Top Floor Drain With 2" Outlet	2,170.82	128.69
		For Ductile Iron Grate, Add	53.00	
		For Cast Iron Dome Grate, Add	28.00	
		For Nikaloy Dome Grate, Add	255.00	
		For Cast Iron Extension Collar, Each 2", Add	51.00	
		For Galvanized Extension Collar, Each 2", Add	102.50	
		For Galvanized Cast Iron Parts, Add	132.00	
		For Primer Tap, Add	33.50	
		For Chained Grate, Add	48.50	
		For Vandal Proof Screws, Add	30.50	
22 13 19 13-0022	EA	Bronze Top, 12-5/8" Round Top Floor Drain With 3" Outlet	2,198.27	142.48
		For Ductile Iron Grate, Add	53.00	
		For Cast Iron Dome Grate, Add	28.00	
		For Nikaloy Dome Grate, Add	255.00	
		For Cast Iron Extension Collar, Each 2", Add	51.00	
		For Galvanized Extension Collar, Each 2", Add	102.50	
		For Galvanized Cast Iron Parts, Add	132.00	
		For Primer Tap, Add	33.50	
		For Chained Grate, Add	48.50	
		For Vandal Proof Screws, Add	30.50	
22 13 19 13-0023	EA	Bronze Top, 12-5/8" Round Top Floor Drain With 4" Outlet	2,227.77	157.23
		For Ductile Iron Grate, Add	53.00	
		For Cast Iron Dome Grate, Add	28.00	
		For Nikaloy Dome Grate, Add	255.00	
		For Cast Iron Extension Collar, Each 2", Add	51.00	
		For Galvanized Extension Collar, Each 2", Add	102.50	
		For Galvanized Cast Iron Parts, Add	132.00	
		For Primer Tap, Add	33.50	
		For Chained Grate, Add	48.50	
		For Vandal Proof Screws, Add	30.50	
22 13 19 13-0024		Square Or Rectangular Top Drains <small>(22 13 19 13)</small>		
22 13 19 13-0025	EA	5" x 5" Floor Drain With 2" Bottom Outlet, Nikaloy Top	981.12	128.69
		For Sediment Bucket, Add	22.50	
		For Galvanized Cast Iron Parts, Add	105.00	
		For Vandal Proof Screws, Add	11.00	
22 13 19 13-0026	EA	5" x 5" Floor Drain With 3" Bottom Outlet, Nikaloy Top	1,008.87	142.58
		For Sediment Bucket, Add	22.50	
		For Galvanized Cast Iron Parts, Add	105.00	
		For Vandal Proof Screws, Add	11.00	
22 13 19 13-0027	EA	5" x 5" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,038.07	157.23
		For Sediment Bucket, Add	22.50	
		For Galvanized Cast Iron Parts, Add	105.00	
		For Vandal Proof Screws, Add	11.00	
22 13 19 13-0028	EA	6" x 6" Floor Drain With 2" Bottom Outlet, Nikaloy Top	1,063.36	128.69
		For Sediment Bucket, Add	22.50	
		For Galvanized Cast Iron Parts, Add	105.00	
		For Vandal Proof Screws, Add	11.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0029	EA		6" x 6" Floor Drain With 3" Bottom Outlet, Nikaloy Top..... <i>For Sediment Bucket, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	1,091.11 22.50 105.00 11.00	142.58
22 13 19 13-0030	EA		6" x 6" Floor Drain With 4" Bottom Outlet, Nikaloy Top..... <i>For Sediment Bucket, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	1,120.31 22.50 105.00 11.00	157.23
22 13 19 13-0031	EA		8" x 8" Floor Drain With 2" Bottom Outlet, Nikaloy Top..... <i>For Sediment Bucket, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	1,425.20 22.50 105.00 11.00	128.69
22 13 19 13-0032	EA		8" x 8" Floor Drain With 3" Bottom Outlet, Nikaloy Top..... <i>For Sediment Bucket, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	1,452.95 22.50 105.00 11.00	142.58
22 13 19 13-0033	EA		8" x 8" Floor Drain With 4" Bottom Outlet, Nikaloy Top..... <i>For Sediment Bucket, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	1,482.15 22.50 105.00 11.00	157.23
22 13 19 13-0034	EA		5" x 5" Floor Drain With 2" Bottom Outlet, Bronze Top..... <i>For Sediment Bucket, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	920.81 22.50 105.00 11.00	128.69
22 13 19 13-0035	EA		5" x 5" Floor Drain With 3" Bottom Outlet, Bronze Top..... <i>For Sediment Bucket, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	948.56 22.50 105.00 11.00	142.58
22 13 19 13-0036	EA		5" x 5" Floor Drain With 4" Bottom Outlet, Bronze Top..... <i>For Sediment Bucket, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	977.76 22.50 105.00 11.00	157.23
22 13 19 13-0037	EA		6" x 6" Floor Drain With 2" Bottom Outlet, Bronze Top..... <i>For Sediment Bucket, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	1,024.98 22.50 105.00 11.00	128.69
22 13 19 13-0038	EA		6" x 6" Floor Drain With 3" Bottom Outlet, Bronze Top..... <i>For Sediment Bucket, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	1,052.73 22.50 105.00 11.00	142.58
22 13 19 13-0039	EA		6" x 6" Floor Drain With 4" Bottom Outlet, Bronze Top..... <i>For Sediment Bucket, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	1,081.93 22.50 105.00 11.00	157.23
22 13 19 13-0040	EA		8" x 8" Floor Drain With 2" Bottom Outlet, Bronze Top..... <i>For Sediment Bucket, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	1,318.29 22.50 105.00 11.00	128.69
22 13 19 13-0041	EA		8" x 8" Floor Drain With 3" Bottom Outlet, Bronze Top..... <i>For Sediment Bucket, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	1,346.04 22.50 105.00 11.00	142.58
22 13 19 13-0042	EA		8" x 8" Floor Drain With 4" Bottom Outlet, Bronze Top..... <i>For Sediment Bucket, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	1,375.24 22.50 105.00 11.00	157.23
22 13 19 13-0043	EA		12" x 12" Can Wash Drain With 3" Bottom Outlet, Cast Iron Top..... <i>For Galvanized Cast Iron Parts, Add</i> <i>For No-Hub Side Outlet, Add</i> <i>For Chained Grate, Add</i>	3,462.29 318.00 76.00 48.50	142.58
22 13 19 13-0044	EA		12" x 12" Can Wash Drain With 4" Bottom Outlet, Cast Iron Top..... <i>For Galvanized Cast Iron Parts, Add</i> <i>For No-Hub Side Outlet, Add</i> <i>For Chained Grate, Add</i>	3,491.49 318.00 76.00 48.50	157.23
22 13 19 13-0045	EA		12" x 12" Can Wash Drain With 3" Bottom Outlet, Nikaloy Top..... <i>For Galvanized Cast Iron Parts, Add</i> <i>For No-Hub Side Outlet, Add</i> <i>For Chained Grate, Add</i>	4,355.94 318.00 76.00 48.50	142.58
22 13 19 13-0046	EA		12" x 12" Can Wash Drain With 4" Bottom Outlet, Nikaloy Top..... <i>For Galvanized Cast Iron Parts, Add</i> <i>For No-Hub Side Outlet, Add</i> <i>For Chained Grate, Add</i>	4,385.14 318.00 76.00 48.50	157.23
22 13 19 13-0047	EA		12" x 12" Can Wash Drain With 3" Bottom Outlet, Bronze Top..... <i>For Galvanized Cast Iron Parts, Add</i> <i>For No-Hub Side Outlet, Add</i> <i>For Chained Grate, Add</i>	4,249.03 318.00 76.00 48.50	142.58
22 13 19 13-0048	EA		12" x 12" Can Wash Drain With 4" Bottom Outlet, Bronze Top..... <i>For Galvanized Cast Iron Parts, Add</i> <i>For No-Hub Side Outlet, Add</i> <i>For Chained Grate, Add</i>	4,278.23 318.00 76.00 48.50	157.23
22 13 19 13-0049	EA		5" x 9" Floor Drain With 2" Bottom Outlet, Nikaloy Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,447.13 120.94 22.50 11.00	128.69
22 13 19 13-0050	EA		5" x 9" Floor Drain With 3" Bottom Outlet, Nikaloy Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,474.88 120.94 22.50 11.00	142.58

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0051	EA		5" x 9" Floor Drain With 4" Bottom Outlet, Nikaloy Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,504.08 120.94 22.50 11.00	157.23
22 13 19 13-0052	EA		5" x 13" Floor Drain With 2" Bottom Outlet, Nikaloy Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,872.03 120.94 22.50 11.00	128.69
22 13 19 13-0053	EA		5" x 13" Floor Drain With 3" Bottom Outlet, Nikaloy Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,899.78 120.94 22.50 11.00	142.58
22 13 19 13-0054	EA		5" x 13" Floor Drain With 4" Bottom Outlet, Nikaloy Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,928.98 120.94 22.50 11.00	157.23
22 13 19 13-0055	EA		5" x 16-3/4" Floor Drain With 2" Bottom Outlet, Nikaloy Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,970.71 120.94 22.50 11.00	128.69
22 13 19 13-0056	EA		5" x 16-5/8" Floor Drain With 3" Bottom Outlet, Nikaloy Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,998.46 120.94 22.50 11.00	142.58
22 13 19 13-0057	EA		5" x 16-3/4" Floor Drain With 4" Bottom Outlet, Nikaloy Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	2,027.66 120.94 22.50 11.00	157.23
22 13 19 13-0058	EA		5" x 21" Floor Drain With 2" Bottom Outlet, Nikaloy Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	2,735.52 120.94 22.50 11.00	128.69
22 13 19 13-0059	EA		5" x 21" Floor Drain With 3" Bottom Outlet, Nikaloy Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	2,763.27 120.94 22.50 11.00	142.58
22 13 19 13-0060	EA		5" x 21" Floor Drain With 4" Bottom Outlet, Nikaloy Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	2,792.47 120.94 22.50 11.00	157.23
22 13 19 13-0061	EA		5" x 9" Floor Drain With 2" Bottom Outlet, Bronze Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,359.41 120.94 22.50 11.00	128.69
22 13 19 13-0062	EA		5" x 9" Floor Drain With 3" Bottom Outlet, Bronze Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,387.16 120.94 22.50 11.00	142.58
22 13 19 13-0063	EA		5" x 9" Floor Drain With 4" Bottom Outlet, Bronze Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,416.36 120.94 22.50 11.00	157.23
22 13 19 13-0064	EA		5" x 13" Floor Drain With 2" Bottom Outlet, Bronze Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,721.26 120.94 22.50 11.00	128.69
22 13 19 13-0065	EA		5" x 13" Floor Drain With 3" Bottom Outlet, Bronze Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,749.01 120.94 22.50 11.00	142.58
22 13 19 13-0066	EA		5" x 13" Floor Drain With 4" Bottom Outlet, Bronze Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,778.21 120.94 22.50 11.00	157.23
22 13 19 13-0067	EA		5" x 16-3/4" Floor Drain With 2" Bottom Outlet, Bronze Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,819.94 120.94 22.50 11.00	128.69
22 13 19 13-0068	EA		5" x 16-5/8" Floor Drain With 3" Bottom Outlet, Bronze Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,847.69 120.94 22.50 11.00	142.58
22 13 19 13-0069	EA		5" x 16-3/4" Floor Drain With 4" Bottom Outlet, Bronze Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,876.89 120.94 22.50 11.00	157.23
22 13 19 13-0070	EA		5" x 21" Floor Drain With 2" Bottom Outlet, Bronze Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	2,442.21 120.94 22.50 11.00	128.69
22 13 19 13-0071	EA		5" x 21" Floor Drain With 3" Bottom Outlet, Bronze Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	2,469.96 120.94 22.50 11.00	142.58
22 13 19 13-0072	EA		5" x 21" Floor Drain With 4" Bottom Outlet, Bronze Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	2,499.16 120.94 22.50 11.00	157.23

	MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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	MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0073 Funnel Type Floor Drains (22 13 19 13)				
22 13 19 13-0074	EA	7" Diameter Floor Drain With 4" Round Funnel With 1-1/2" Outlet, Bronze Top.....	1,367.48	114.90
		For Vandal Proof Screws, Add	11.00	
		For Galvanized Cast Iron Parts, Add	105.00	
		For Satin Finish Bronze Top, Deduct	-19.50	
22 13 19 13-0075	EA	7" Diameter Floor Drain With 4" Round Funnel With 2" Outlet, Bronze Top.....	1,395.05	128.69
		For Vandal Proof Screws, Add	11.00	
		For Galvanized Cast Iron Parts, Add	105.00	
		For Satin Finish Bronze Top, Deduct	-19.50	
22 13 19 13-0076	EA	7" Diameter Floor Drain With 4" Round Funnel With 3" Outlet, Bronze Top.....	1,422.50	142.48
		For Vandal Proof Screws, Add	11.00	
		For Galvanized Cast Iron Parts, Add	105.00	
		For Satin Finish Bronze Top, Deduct	-19.50	
22 13 19 13-0077	EA	7" Diameter Floor Drain With 4" Round Funnel With 4" Outlet, Bronze Top.....	1,452.00	157.23
		For Vandal Proof Screws, Add	11.00	
		For Galvanized Cast Iron Parts, Add	105.00	
		For Satin Finish Bronze Top, Deduct	-19.50	
22 13 19 13-0078	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 2" Outlet, Nikaloy Top.....	2,011.83	128.69
		For Vandal Proof Screws, Add	11.00	
		For Primer Tap, Add	15.10	
		For Galvanized Cast Iron Parts, Add	105.00	
		For Satin Finish Bronze Top, Deduct	-19.50	
22 13 19 13-0079	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 3" Outlet, Nikaloy Top.....	2,039.28	142.48
		For Vandal Proof Screws, Add	11.00	
		For Primer Tap, Add	15.10	
		For Galvanized Cast Iron Parts, Add	105.00	
		For Satin Finish Bronze Top, Deduct	-19.50	
22 13 19 13-0080	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 4" Outlet, Nikaloy Top.....	2,068.78	157.23
		For Vandal Proof Screws, Add	11.00	
		For Primer Tap, Add	15.10	
		For Galvanized Cast Iron Parts, Add	105.00	
		For Satin Finish Bronze Top, Deduct	-19.50	
22 13 19 13-0081	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 2" Outlet, Bronze Top.....	1,904.92	128.69
		For Vandal Proof Screws, Add	11.00	
		For Primer Tap, Add	15.10	
		For Galvanized Cast Iron Parts, Add	105.00	
		For Satin Finish Bronze Top, Deduct	-19.50	
22 13 19 13-0082	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 3" Outlet, Bronze Top.....	1,932.37	142.48
		For Vandal Proof Screws, Add	11.00	
		For Primer Tap, Add	15.10	
		For Galvanized Cast Iron Parts, Add	105.00	
		For Satin Finish Bronze Top, Deduct	-19.50	
22 13 19 13-0083	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 4" Outlet, Bronze Top.....	1,961.87	157.23
		For Vandal Proof Screws, Add	11.00	
		For Primer Tap, Add	15.10	
		For Galvanized Cast Iron Parts, Add	105.00	
		For Satin Finish Bronze Top, Deduct	-19.50	
22 13 19 13-0084 Floor Drain With Sediment Bucket Bottom Outlet (22 13 19 13)				
22 13 19 13-0085	EA	12-5/8" Round Floor Drain With Sediment Bucket, 2" Bottom Outlet, Satin Bronze Top, Without Trap.....	2,935.38	114.90
		For Galvanized Cast Iron Parts, Add	247.00	
		For Primer Tap, Add	33.50	
		For Vandal Proof Screws, Add	30.50	
22 13 19 13-0086	EA	12-5/8" Round Floor Drain With Sediment Bucket, 3" Bottom Outlet, Satin Bronze Top, Without Trap.....	2,963.04	128.69
		For Galvanized Cast Iron Parts, Add	247.00	
		For Primer Tap, Add	33.50	
		For Vandal Proof Screws, Add	30.50	
22 13 19 13-0087	EA	12-5/8" Round Floor Drain With Sediment Bucket, 4" Bottom Outlet, Satin Bronze Top, Without Trap.....	2,990.49	142.48
		For Galvanized Cast Iron Parts, Add	247.00	
		For Primer Tap, Add	33.50	
		For Vandal Proof Screws, Add	30.50	
22 13 19 13-0088	EA	12-5/8" Round Floor Drain With Sediment Bucket, 5" Bottom Outlet, Satin Bronze Top, Without Trap.....	3,019.99	157.23
		For Galvanized Cast Iron Parts, Add	247.00	
		For Primer Tap, Add	33.50	
		For Vandal Proof Screws, Add	30.50	
22 13 19 13-0089	EA	12-5/8" Round Floor Drain With Sediment Bucket, 6" Bottom Outlet, Satin Bronze Top, Without Trap.....	3,050.41	172.41
		For Galvanized Cast Iron Parts, Add	247.00	
		For Primer Tap, Add	33.50	
		For Vandal Proof Screws, Add	30.50	
22 13 19 13-0090	EA	12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate.....	3,171.38	128.69
		For Vandal Proof Screws, Add	29.50	
		For Primer Tap, Add	31.00	
		For Aluminum Bucket, Add	77.50	
		For Galvanized Cast Iron Parts, Add	273.75	
22 13 19 13-0091	EA	12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate.....	3,199.13	142.58
		For Vandal Proof Screws, Add	29.50	
		For Primer Tap, Add	31.00	
		For Aluminum Bucket, Add	77.50	
		For Galvanized Cast Iron Parts, Add	273.75	
22 13 19 13-0092	EA	12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate.....	3,228.33	157.23
		For Vandal Proof Screws, Add	29.50	
		For Primer Tap, Add	31.00	
		For Aluminum Bucket, Add	77.50	
		For Galvanized Cast Iron Parts, Add	273.75	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 13 19 13-0093	EA		12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Gate.....	3,258.75	172.41
			For Vandal Proof Screws, Add	29.50	
			For Primer Tap, Add	31.00	
			For Aluminum Bucket, Add	77.50	
			For Galvanized Cast Iron Parts, Add	273.75	
22 13 19 13-0094	EA		12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Gate.....	1,935.07	128.69
			For Vandal Proof Screws, Add	29.50	
			For Primer Tap, Add	31.00	
			For Aluminum Bucket, Add	77.50	
			For Galvanized Cast Iron Parts, Add	273.75	
22 13 19 13-0095	EA		12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Gate.....	1,962.82	142.58
			For Vandal Proof Screws, Add	29.50	
			For Primer Tap, Add	31.00	
			For Aluminum Bucket, Add	77.50	
			For Galvanized Cast Iron Parts, Add	273.75	
22 13 19 13-0096	EA		12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Gate.....	1,992.02	157.23
			For Vandal Proof Screws, Add	29.50	
			For Primer Tap, Add	31.00	
			For Aluminum Bucket, Add	77.50	
			For Galvanized Cast Iron Parts, Add	273.75	
22 13 19 13-0097	EA		12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Gate.....	2,022.44	172.41
			For Vandal Proof Screws, Add	29.50	
			For Primer Tap, Add	31.00	
			For Aluminum Bucket, Add	77.50	
			For Galvanized Cast Iron Parts, Add	273.75	
22 13 19 13-0098	EA		12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Gate.....	2,957.56	128.69
			For Vandal Proof Screws, Add	29.50	
			For Primer Tap, Add	31.00	
			For Aluminum Bucket, Add	77.50	
			For Galvanized Cast Iron Parts, Add	273.75	
22 13 19 13-0099	EA		12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Gate.....	2,985.31	142.58
			For Vandal Proof Screws, Add	29.50	
			For Primer Tap, Add	31.00	
			For Aluminum Bucket, Add	77.50	
			For Galvanized Cast Iron Parts, Add	273.75	
22 13 19 13-0100	EA		12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Gate.....	3,014.51	157.23
			For Vandal Proof Screws, Add	29.50	
			For Primer Tap, Add	31.00	
			For Aluminum Bucket, Add	77.50	
			For Galvanized Cast Iron Parts, Add	273.75	
22 13 19 13-0101	EA		12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Gate.....	3,044.93	172.41
			For Vandal Proof Screws, Add	29.50	
			For Primer Tap, Add	31.00	
			For Aluminum Bucket, Add	77.50	
			For Galvanized Cast Iron Parts, Add	273.75	

22 13 19 13-0102 Other Drains (22 13 19 13)

22 13 19 13-0103 Shower Drains (22 13 19 13-0102)

22 13 19 13-0104	EA		4-1/4" Stainless Steel Shower Drain Strainer.....	50.15	11.61
			Note: Includes two 2-5/8" screws.		
22 13 19 13-0105	EA		4-1/4" Brass Shower Drain Strainer.....	55.88	11.61
			Note: Includes two 2-5/8" screws.		
22 13 19 13-0106	EA		4" Brass Shower Drain For Polyvinyl Chloride (PVC) Pipe.....	115.30	23.22
			Note: Fits over 2" polyvinyl chloride (PVC) pipe or inside 3" polyvinyl chloride (PVC) pipe.		
22 13 19 13-0107	EA		4" Chrome Finish, Threaded Brass Shower Drain And Gasket.....	148.19	23.22
			Note: For 2" pipe. Kohler K-9132.		

22 13 19 13-0108 Acid Resistant Floor Drains (22 13 19 13-0102)

22 13 19 13-0109	EA		9" Diameter Floor Drain With 2" Bottom Outlet, Acid Resistant Top.....	1,378.35	114.90
			For Galvanized Cast Iron Parts, Add	87.50	
			For Primer Tap, Add	33.50	
			For Vandal Proof Screws, Add	30.50	
22 13 19 13-0110	EA		9" Diameter Floor Drain With 3" Bottom Outlet, Acid Resistant Top.....	1,406.01	128.69
			For Galvanized Cast Iron Parts, Add	87.50	
			For Primer Tap, Add	33.50	
			For Vandal Proof Screws, Add	30.50	
22 13 19 13-0111	EA		9" Diameter Floor Drain With 4" Bottom Outlet, Acid Resistant Top.....	1,433.46	142.48
			For Galvanized Cast Iron Parts, Add	87.50	
			For Primer Tap, Add	33.50	
			For Vandal Proof Screws, Add	30.50	

22 13 19 13-0112 Rotary And Lever Drains (22 13 19 13-0102)

22 13 19 13-0113	EA		1-1/2" Drain, 3" Sink Opening Lever Drain.....	265.04	77.50
22 13 19 13-0114	EA		2" Drain, 3" Sink Opening Lever Drain.....	281.07	85.50
22 13 19 13-0115	EA		1-1/2" Drain, 3-1/2" Sink Opening Lever Drain.....	265.04	77.50
22 13 19 13-0116	EA		2" Drain, 3-1/2" Sink Opening Lever Drain.....	281.07	85.50
22 13 19 13-0117	EA		1-1/2" Drain, 3" Sink Opening Twist Drain.....	265.04	77.50

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	22 13 19 13-0118	EA		2" Drain, 3" Sink Opening Twist Drain	281.07	85.50
	22 13 19 13-0119	EA		1-1/2" Drain, 3-1/2" Sink Opening Twist Drain	265.04	77.50
	22 13 19 13-0120	EA		2" Drain, 3-1/2" Sink Opening Twist Drain	281.07	85.50
	22 13 19 13-0121	EA		1-1/2"-2" Drain, 3-1/2" Sink Opening Rotary Twist Drain (Fisher 16100).....	365.97	85.50
	22 13 19 13-0122			Floor Receptor <small>(22 13 19 13)</small>		
	22 13 19 13-0123			9" Diameter Round Shallow Receptor <small>(22 13 19 13-0122)</small>		
				Note: With slotted medium duty grate, aluminum secondary strainer and white acid resisting coated interior and top.		
	22 13 19 13-0124	EA		9" Diameter x 3" Shallow Cast Iron Floor Receptor, 2" Drain Connection	1,694.03	128.80
				For Flange With Seepage Holes, Add	58.50	
				For Flange With Seepage Holes And Clamp Collar, Add	97.00	
				For Trap Primer Connection, Add	38.00	
				For Full Grate With 2" Square Center Opening, Add	36.00	
				For Vandal Proof Secured Grate, Add	33.50	
				For White Acid Resistant Bucket, Add	47.00	
				For Stainless Steel Liner For Bucket, Add	62.50	
	22 13 19 13-0125	EA		9" Diameter x 3" Shallow Cast Iron Floor Receptor, 3" Drain Connection	1,721.90	142.69
				For Flange With Seepage Holes, Add	58.50	
				For Flange With Seepage Holes And Clamp Collar, Add	97.00	
				For Trap Primer Connection, Add	38.00	
				For Full Grate With 2" Square Center Opening, Add	36.00	
				For Vandal Proof Secured Grate, Add	33.50	
				For White Acid Resistant Bucket, Add	47.00	
				For Stainless Steel Liner For Bucket, Add	62.50	
	22 13 19 13-0126	EA		9" Diameter x 3" Shallow Cast Iron Floor Receptor, 4" Drain Connection	1,750.80	157.23
				For Flange With Seepage Holes, Add	58.50	
				For Flange With Seepage Holes And Clamp Collar, Add	97.00	
				For Trap Primer Connection, Add	38.00	
				For Full Grate With 2" Square Center Opening, Add	36.00	
				For Vandal Proof Secured Grate, Add	33.50	
				For White Acid Resistant Bucket, Add	47.00	
				For Stainless Steel Liner For Bucket, Add	62.50	
	22 13 19 13-0127			Square Top Floor Receptors <small>(22 13 19 13-0122)</small>		
				Note: With acid resistant coating.		
	22 13 19 13-0128	EA		8" x 8" Floor Drain With 1-1/2" Bottom Outlet, Acid Resistant Top	2,006.19	114.90
				For Flange With Seepage Holes, Add	37.50	
				For Flange With Seepage Holes And Clamp Collar, Add	69.00	
				For Trap Primer Connection, Add	39.50	
				For Full Grate With 2" Square Center Opening, Add	36.00	
				For Vandal Proof Secured Grate, Add	15.50	
				For White Acid Resistant Bucket, Add	88.00	
				For Stainless Steel Liner For Bucket, Add	97.00	
	22 13 19 13-0129	EA		8" x 8" Floor Drain With 2" Bottom Outlet, Acid Resistant Top	2,033.89	128.80
				For Flange With Seepage Holes, Add	37.50	
				For Flange With Seepage Holes And Clamp Collar, Add	69.00	
				For Trap Primer Connection, Add	39.50	
				For Full Grate With 2" Square Center Opening, Add	36.00	
				For Vandal Proof Secured Grate, Add	15.50	
				For White Acid Resistant Bucket, Add	88.00	
				For Stainless Steel Liner For Bucket, Add	97.00	
	22 13 19 13-0130	EA		8" x 8" Floor Drain With 3" Bottom Outlet, Acid Resistant Top	2,061.21	142.48
				For Flange With Seepage Holes, Add	37.50	
				For Flange With Seepage Holes And Clamp Collar, Add	69.00	
				For Trap Primer Connection, Add	39.50	
				For Full Grate With 2" Square Center Opening, Add	36.00	
				For Vandal Proof Secured Grate, Add	15.50	
				For White Acid Resistant Bucket, Add	88.00	
				For Stainless Steel Liner For Bucket, Add	97.00	
	22 13 19 13-0131	EA		8" x 8" Floor Drain With 4" Bottom Outlet, Acid Resistant Top	2,090.71	157.23
				For Flange With Seepage Holes, Add	37.50	
				For Flange With Seepage Holes And Clamp Collar, Add	69.00	
				For Trap Primer Connection, Add	39.50	
				For Full Grate With 2" Square Center Opening, Add	36.00	
				For Vandal Proof Secured Grate, Add	15.50	
				For White Acid Resistant Bucket, Add	88.00	
				For Stainless Steel Liner For Bucket, Add	97.00	
	22 13 19 13-0132			Floor Drain Accessories <small>(22 13 19 13)</small>		
	22 13 19 13-0133	EA		3" Trap Guard Floor Drain Insert (ProVent TG3H).....	107.98	13.36
				Note: Prevents emission of sewer gases.		
	22 13 19 13-0134	EA		2" Trap Guard Drain Insert For Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG22)	87.67	13.36
				Note: Prevents emission of sewer gases.		
	22 13 19 13-0135	EA		3" Trap Guard Drain Insert For Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG33)	95.79	13.36
				Note: Prevents emission of sewer gases.		
	22 13 19 13-0136	EA		3" Trap Guard Drain Insert For 4" Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG34IP).....	116.10	13.36
				Note: Prevents emission of sewer gases.		
	22 13 19 13-0137	EA		3" Trap Guard Drain Insert For 4" Hub (ProVent TG34TP).....	103.92	13.36
				Note: Prevents emission of sewer gases.		
	22 13 19 13-0138	EA		2" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-02)	148.83	13.36
				Note: Prevents emission of sewer gases.		
	22 13 19 13-0139	EA		3" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-03)	165.17	13.36
				Note: Prevents emission of sewer gases.		
	22 13 19 13-0140	EA		4" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-04)	205.74	13.36
				Note: Prevents emission of sewer gases.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 13 19 26 Grease Removal Devices (22 13 19)

22 13 19 26-0001			Manual Cleaning Epoxy Coated Steel Grease Interceptor <small>(22 13 19 26)</small> Note: Includes internal air relief, visible double wall trap, removable baffle, gasketed non-skid cover bearing PDI seal of approval and flow control fitting.		
22 13 19 26-0002			Standard Manual Cleaning Epoxy Coated Steel Grease Interceptor <small>(22 13 19 26-0001)</small> Note: Josam 60100H/60210A, Smith 8100/8400, Wade 5100, or Zurn Z1173/Z1170 series.		
22 13 19 26-0003	EA		7 GPM, 14 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60102H.	1,260.19	80.17
			<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,318.73	
22 13 19 26-0004	EA		10 GPM, 20 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60103H.	1,470.10	180.37
			<i>For Flange And Clamp Device, Add</i>	380.41	
			<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,393.82	
22 13 19 26-0005	EA		15 GPM, 30 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60104H.	2,087.74	200.41
			<i>For Flange And Clamp Device, Add</i>	393.77	
			<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,522.33	
22 13 19 26-0006	EA		20 GPM, 40 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60105H.	2,522.23	220.45
			<i>For Flange And Clamp Device, Add</i>	407.13	
			<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,645.42	
22 13 19 26-0007	EA		25 GPM, 50 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60106H.	2,824.07	240.50
			<i>For Flange And Clamp Device, Add</i>	450.89	
			<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,713.78	
22 13 19 26-0008	EA		35 GPM, 70 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60107H.	3,468.44	280.58
			<i>For Flange And Clamp Device, Add</i>	488.81	
			<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,886.34	
22 13 19 26-0009	EA		50 GPM, 100 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60108H.	4,525.49	320.66
			<i>For Flange And Clamp Device, Add</i>	556.49	
			<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	2,011.86	
22 13 19 26-0010	EA		75 GPM, 150 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60109H.	8,902.88	360.74
			<i>For Flange And Clamp Device, Add</i>	784.50	
22 13 19 26-0011	EA		100 GPM, 200 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60110H.	10,075.65	450.77
			<i>For Flange And Clamp Device, Add</i>	908.52	
22 13 19 26-0012	EA		150 GPM, 300 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60213A.	12,428.74	721.23
			<i>For Flange And Clamp Device, Add</i>	1,248.82	
22 13 19 26-0013	EA		200 GPM, 400 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60214A.	17,837.38	901.54
			<i>For Flange And Clamp Device, Add</i>	1,498.31	
22 13 19 26-0014	EA		250 GPM, 500 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60215A.	20,807.19	1,081.85
			<i>For Flange And Clamp Device, Add</i>	1,931.47	
22 13 19 26-0015	EA		350 GPM, 700 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60216A..	27,038.38	1,262.15
			<i>For Flange And Clamp Device, Add</i>	2,289.44	
22 13 19 26-0016	EA		500 GPM, 1,000 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60217A.	34,984.11	1,442.46
			<i>For Flange And Clamp Device, Add</i>	2,682.93	
22 13 19 26-0017			Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor <small>(22 13 19 26-0001)</small> Note: Josam 60110A, Smith 8100, Wade 5100LR, or Zurn Z1171 series.		
22 13 19 26-0018	EA		20 GPM, 40 LB Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60115A.	3,633.92	220.45
22 13 19 26-0019	EA		35 GPM, 70 LB Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60117A.	4,674.88	280.58
22 13 19 26-0020	EA		50 GPM, 100 LB Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Smith 8150.	7,714.58	320.66
22 13 19 26-0021			Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor <small>(22 13 19 26)</small> Note: Includes internal air relief, visible double wall trap, removable baffle, gasketed non-skid cover bearing PDI seal of approval, grease recovery cone, flexible hose, grease draw off valve and flow control fitting.		
22 13 19 26-0022			Standard Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor <small>(22 13 19 26-0021)</small> Note: Josam 60100-SA, Smith 8300GTX, Wade 5100JCX, or Zurn Z1173-TD series.		
22 13 19 26-0023	EA		7 GPM, 14 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60102-SA.	3,194.42	80.17
			<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,318.73	
22 13 19 26-0024	EA		10 GPM, 20 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60103-SA.	3,756.64	180.37
			<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,393.82	
22 13 19 26-0025	EA		15 GPM, 30 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60104-SA.	4,013.55	200.41
			<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,522.33	
22 13 19 26-0026	EA		20 GPM, 40 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60105-SA.	4,898.61	220.45
			<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,645.42	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 26-0027	EA			25 GPM, 50 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60106-SA. <i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	5,905.78 1,713.78	240.50
22 13 19 26-0028	EA			35 GPM, 70 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60107-SA. <i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	6,105.90 1,886.34	280.58
22 13 19 26-0029	EA			50 GPM, 100 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60108-SA. <i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	6,969.94 2,011.86	320.66
22 13 19 26-0030				Low Profile Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor <small>(22 13 19 26-0021)</small> Note: Josam 60115A-SA, Smith 8100GTX, or Zurn Z1171-TD series.		
22 13 19 26-0031	EA			35 GPM, 70 LB Capacity Low Profile Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60115A-SA.	8,205.75	280.58
22 13 19 26-0032				Automatic Cleaning Stainless Steel Grease Interceptor <small>(22 13 19 26)</small>		
22 13 19 26-0033	EA			20 GPM, 69 LB Capacity Automatic Cleaning Stainless Steel Grease Interceptor Note: Includes stainless steel screen basket, plastic grease container with lid and control box with digital timer (Lowe Engineering 20 Greasestopper).	6,988.67	220.45
22 13 19 26-0034	EA			25 GPM, 91 LB Capacity Automatic Cleaning Stainless Steel Grease Interceptor Note: Includes stainless steel screen basket, plastic grease container with lid and control box with digital timer (Lowe Engineering 25 Greasestopper).	8,129.13	240.50
22 13 19 26-0035	EA			35 GPM, 70 LB Capacity, 110 Volt, Automatic Cleaning Stainless Steel Grease Trap/Removal Device (Guardian GGX35)	9,309.86 6,934.63	280.58
22 13 19 26-0036				Precast Concrete Grease Interceptor <small>(22 13 19 26)</small> Note: Includes two access manholes, cast iron non-skid surface, lift hole, frame and cover for heavy-traffic.		
22 13 19 26-0037	EA			1,000 Gallon Pre-Cast Grease Interceptor	5,597.49	404.89
22 13 19 26-0038	EA			1,250 Gallon Pre-Cast Grease Interceptor	6,405.26	404.89
22 13 19 26-0039	EA			1,500 Gallon Pre-Cast Grease Interceptor	7,269.81	462.89
22 13 19 26-0040	EA			2,000 Gallon Pre-Cast Grease Interceptor	8,270.72	653.71
22 13 19 26-0041	EA			2,500 Gallon Pre-Cast Grease Interceptor	9,309.86	879.53
22 13 19 26-0042	EA			4,000 Gallon Pre-Cast Grease Interceptor	13,966.52	1,157.17
22 13 19 26-0043	EA			5,000 Gallon Pre-Cast Grease Interceptor	17,923.79	1,897.58
22 13 19 26-0044				Coated Steel Manual Oil Interceptor <small>(22 13 19 26)</small> Note: Includes internal air relief, and flow control fitting.		
22 13 19 26-0045	EA			10 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	8,735.07	305.27
22 13 19 26-0046	EA			15 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	11,871.63	362.73
22 13 19 26-0047	EA			20 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	14,362.87	446.30
22 13 19 26-0048	EA			25 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	15,597.97	483.44
22 13 19 26-0049	EA			35 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	18,843.16	527.55
22 13 19 26-0050	EA			50 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	25,085.49	580.36
22 13 19 26-0051	EA			75 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	42,771.92	668.04
22 13 19 26-0052	EA			100 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	46,568.87	821.95
22 13 19 26-0053	EA			150 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	57,428.43	890.90
22 13 19 26-0054	EA			200 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	80,758.26	1,068.86
22 13 19 26-0055	EA			250 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	93,338.85	1,149.03
22 13 19 26-0056	EA			350 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	117,786.66	1,370.28
22 13 19 26-0057	EA			400 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	143,365.36	1,122.84
22 13 19 26-0058	EA			500 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	169,819.08	1,336.08
22 13 19 33				Backwater Valves <small>(22 13 19)</small>		
22 13 19 33-0001				Cast Iron Body Terminal Backwater Valves <small>(22 13 19 33)</small>		
22 13 19 33-0002	EA			2" Cast Iron Body Terminal Backwater Valve	421.03	30.67
22 13 19 33-0003	EA			3" Cast Iron Body Terminal Backwater Valve	432.78	38.58
22 13 19 33-0004	EA			4" Cast Iron Body Terminal Backwater Valve	623.64	51.30
22 13 19 33-0005	EA			6" Cast Iron Body Terminal Backwater Valve	1,667.24	69.86
22 13 19 33-0006	EA			8" Cast Iron Body Terminal Backwater Valve	2,039.47	91.94
22 13 19 33-0007	EA			10" Cast Iron Body Terminal Backwater Valve	5,885.58	113.43
22 13 19 33-0008	EA			12" Cast Iron Body Terminal Backwater Valve	6,669.20	147.11
22 13 19 33-0009				Cast Iron Backwater Sewer Line Valve <small>(22 13 19 33)</small> Note: Offset type with bronze swing check assembly, threaded bronze cover, and bell and spigot connections.		
22 13 19 33-0010	EA			2" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	1,044.82	73.13
22 13 19 33-0011	EA			3" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	1,587.78	88.72
22 13 19 33-0012	EA			4" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	1,965.05	114.37
22 13 19 33-0013	EA			6" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	2,747.08	126.93
22 13 19 33-0014	EA			8" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	3,803.93	150.40
22 13 19 33-0015				Cast Iron, Straight Through Shear Gate, Swing Check Backwater Valve <small>(22 13 19 33)</small> Note: Offset type with bronze, manually operated shear gate, non-rising stem, and bell and spigot connections.		
22 13 19 33-0016	EA			3" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	2,816.20	115.76
22 13 19 33-0017	EA			4" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	2,873.49	153.91
22 13 19 33-0018	EA			5" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	4,173.44	187.98
22 13 19 33-0019	EA			6" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	4,206.11	209.57

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

22 13 19 33-0020		Polyvinyl Chloride (PVC) Backwater Sewer Line Valve <small>(22 13 19 33)</small>		
		Note: Oatey.		
22 13 19 33-0021	EA	3" Polyvinyl Chloride (PVC) Backwater Sewer Valve (Oatey 43900).....	137.28	38.58
22 13 19 33-0022	EA	4" Polyvinyl Chloride (PVC) Backwater Sewer Valve (Oatey 43904).....	164.54	51.30
22 13 19 33-0023	EA	6" Polyvinyl Chloride (PVC) Backwater Sewer Valve (Oatey 43908).....	478.22	69.86
22 13 19 33-0024		Polyvinyl Chloride (PVC) Extendable Backwater Valves <small>(22 13 19 33)</small>		
22 13 19 33-0025	EA	3" Polyvinyl Chloride (PVC) Extendable Backwater Sewer Valve (Rectorseal Clean Check).....	323.39	77.17
		Note: Includes valve body, flapper assembly and collar.		
22 13 19 33-0026	EA	4" Polyvinyl Chloride (PVC) Extendable Backwater Sewer Valve (Rectorseal Clean Check).....	430.63	102.61
		Note: Includes valve body, flapper assembly and collar.		
22 13 19 33-0027	EA	6" Polyvinyl Chloride (PVC) Extendable Backwater Sewer Valve (Rectorseal Clean Check).....	739.34	139.71
		Note: Includes valve body, flapper assembly and collar.		
22 13 19 36		Air-Admittance Valves <small>(22 13 19)</small>		
22 13 19 36-0001		Acrylonitrile Butadiene Styrene (ABS) And Polyvinyl Chloride (PVC) Automatic Drain Vent <small>(22 13 19 36)</small>		
22 13 19 36-0002	EA	1-1/4", 1-1/2" And 2" Acrylonitrile Butadiene Styrene (ABS) Or Polyvinyl Chloride (PVC) Automatic Drain Vent, Mini Vent.....	253.99	14.96
22 13 19 36-0003	EA	2", 3" And 4" Acrylonitrile Butadiene Styrene (ABS) Or Polyvinyl Chloride (PVC) Automatic Drain Vent, Maxi Vent.....	304.23	14.96
22 13 23		Sanitary Waste Interceptors <small>(22 13)</small>		
22 13 23 00-0001		Sediment Bucket Solids Interceptors <small>(22 13 23)</small>		
22 13 23 00-0002	EA	1-1/2" Or 2" Top Access, 15 GPM, Composite With Removable PVC Sediment Bucket Solids Interceptor (Zum 1180).....	1,239.93	151.36
		Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.		
22 13 23 00-0003	EA	1-1/2" Or 2" Bottom Access, 15 GPM, Composite With Removable PVC Sediment Bucket Solids Interceptor (Zum 1184).....	1,241.47	151.36
		Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.		
22 13 23 00-0004	EA	1-1/2" Or 2" Top Access, Acid Resistant Coated Steel (Inside And Outside), Aluminum Cover, Removable Stainless Steel Sediment Bucket Solids Interceptor (Jay R. Smith 8714 ARI0).....	1,744.85	151.36
		Note: On floor mount. Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.		
22 13 23 00-0005	EA	1-1/2" Or 2" Bottom Access, 15 GPM, Acid Resistant Coated Cast Iron, Aluminum Strainer, Removable Stainless Steel Screens, Sediment Bucket Solids Interceptor (Jay R. Smith 8730-ARI0).....	1,744.85	151.36
		Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.		
22 13 23 00-0006	EA	1-1/2" Or 2" Top Access, Acid Resistant Coated Cast Aluminum (Inside And Outside) Removable Stainless Steel Screen, Sediment Bucket Solids Interceptor (Josam 61030).....	1,858.80	151.36
		Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.		
22 13 23 00-0007		Solid Interceptors, Cast Iron With Internal Deep Seal Trap <small>(22 13 23)</small>		
22 13 23 00-0008	EA	1-1/2" Inlet Cast Iron Solid Interceptor, Painted Enamel.....	326.08	51.76
		For Stainless Steel Bucket, Add	175.00	
22 13 23 00-0009	EA	2" Inlet Cast Iron Solid Interceptor, Painted Enamel.....	332.70	55.14
		For Stainless Steel Bucket, Add	175.00	
22 13 23 00-0010		Sediment Strainers <small>(22 13 23)</small>		
22 13 23 00-0011	EA	2" Strainer, Pump Suction Side.....	166.24	70.55
22 13 29		Sanitary Sewerage Pumps <small>(22 13)</small>		
		Note: Includes extra set of gaskets, bearings and seals.		
22 13 29 13		Wet-Pit-Mounted, Vertical Sewerage Pumps <small>(22 13 29)</small>		
22 13 29 13-0001		Vertical Column, Flanged Discharge, Non-Clog Sump Or Drainage Pumps (Crane-DeMing Series 4500) <small>(22 13 29 13)</small>		
		Note: Mounted on steel support plate. Excludes float and float switch, and sump cover See CSI section 22 13 29 13-0030 for float and float switch, 22 13 29 13-0034 for sump cover.		
22 13 29 13-0002		1-1/2" Solids 1,750 RPM Vertical Sump Or Drainage Pumps <small>(22 13 29 13-0001)</small>		
22 13 29 13-0003	EA	1/2 HP, Up To 75 GPM Sump Or Drainage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1,750 RPM.....	7,529.41	1,282.20
22 13 29 13-0004	EA	3/4 HP, Up To 125 GPM Sump Or Drainage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1,750 RPM.....	7,834.59	1,282.20
22 13 29 13-0005	EA	1 HP, Up To 150 GPM Sump Or Drainage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1,750 RPM.....	8,139.76	1,282.20
22 13 29 13-0006	EA	1-1/2 HP, Up To 150 GPM Sump Or Drainage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1,750 RPM.....	8,430.85	1,282.20
22 13 29 13-0007		2" Solids 1,750 RPM Vertical Sump Or Drainage Pumps <small>(22 13 29 13-0001)</small>		
22 13 29 13-0008	EA	3/4 HP, Up To 75 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM.....	8,374.51	1,282.20
22 13 29 13-0009	EA	1 HP, Up To 100 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM.....	8,491.89	1,282.20
22 13 29 13-0010	EA	2 HP, Up To 200 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM.....	8,574.05	1,282.20
22 13 29 13-0011	EA	3 HP, Up To 300 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM.....	9,137.45	1,282.20
22 13 29 13-0012	EA	5 HP, Up To 400 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM.....	9,689.11	1,282.20
22 13 29 13-0013	EA	7-1/2 HP, Up To 500 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM.....	10,534.21	1,282.20

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 13 29 13-0014	EA	10 HP, Up To 600 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM.....	11,379.31	1,282.20
22 13 29 13-0015	EA	15 HP, Up To 600 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM.....	13,072.67	1,706.33
22 13 29 13-0016		3" Solids 1,750 RPM Vertical Sump Or Drainage Pumps <small>(22 13 29 13-0001)</small>		
22 13 29 13-0017	EA	2 HP, Up To 300 GPM Sump Or Drainage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM.....	8,962.64	1,282.20
22 13 29 13-0018	EA	3 HP, Up To 400 GPM Sump Or Drainage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM.....	8,962.64	1,282.20
22 13 29 13-0019	EA	5 HP, Up To 500 GPM Sump Or Drainage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM.....	9,165.99	1,282.20
22 13 29 13-0020	EA	7-1/2 HP, Up To 700 GPM Sump Or Drainage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM.....	10,743.89	1,282.20
22 13 29 13-0021	EA	10 HP, Up To 800 GPM Sump Or Drainage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM.....	11,020.68	1,282.20
22 13 29 13-0022	EA	15 HP, Up To 900 GPM Sump Or Drainage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM.....	13,170.04	1,706.33
22 13 29 13-0023	EA	20 HP, Up To 900 GPM Sump Or Drainage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM.....	13,874.29	1,706.33
22 13 29 13-0024		Extra Column Assemblies Addition, 5' Or Less <small>(22 13 29 13-0001)</small>		
22 13 29 13-0025	EA	2-1/2" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps.....	544.22	
22 13 29 13-0026	EA	3" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps.....	653.44	
22 13 29 13-0027	EA	4" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps.....	730.37	
22 13 29 13-0028	EA	5" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps.....	743.67	
22 13 29 13-0029	EA	6" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps.....	834.84	
22 13 29 13-0030		Float Switches <small>(22 13 29 13-0001)</small>		
Note: Copper coated floats, brass rods and stops and switch brackets.				
22 13 29 13-0031	EA	Float Switch Copper Coated Float, Add, General Purpose For vertical sewage pumps.....	489.13	
22 13 29 13-0032	EA	Float Switch Copper Coated Float, Add, Weather Proof For vertical sewage pumps.....	513.82	
22 13 29 13-0033	EA	Float Switch Copper Coated Float, Add, Explosion Proof For vertical sewage pumps.....	525.22	
22 13 29 13-0034		Square Or Round Steel Sump Covers <small>(22 13 29 13-0001)</small>		
22 13 29 13-0035	EA	24" Steel Sump Covers, Square Or Round.....	885.66	42.75
22 13 29 13-0036	EA	30" Steel Sump Covers, Square Or Round.....	980.37	48.10
22 13 29 13-0037	EA	36" Steel Sump Covers, Square Or Round.....	1,361.26	64.13
22 13 29 13-0038	EA	40" Steel Sump Covers, Square Or Round.....	1,981.61	74.82
22 13 29 13-0039	EA	42" Steel Sump Covers, Square Or Round.....	2,125.38	77.50
22 13 29 13-0040	EA	48" Steel Sump Covers, Square Or Round.....	2,273.46	80.17
22 13 29 13-0041	EA	54" Steel Sump Covers, Square Or Round.....	2,898.06	96.20
22 13 29 13-0042	EA	60" Steel Sump Covers, Square Or Round.....	3,933.82	106.89
22 13 29 13-0043	EA	72" Steel Sump Covers, Square Or Round.....	4,988.71	133.61
22 13 29 13-0044	EA	84" Steel Sump Covers, Square Or Round.....	6,349.26	146.97
22 13 29 16		Submersible Sewerage Pumps <small>(22 13 29)</small>		
22 13 29 16-0001		Submersible Sewage Pumps With Vortex Impeller <small>(22 13 29 16)</small>		
22 13 29 16-0002		Submersible Single Seal Sewage Pumps With Cast Iron Vortex Impeller <small>(22 13 29 16-0001)</small>		
Note: Includes 25' cord.				
22 13 29 16-0003	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	1,349.66	77.77
22 13 29 16-0004	EA	1/2 HP Automatic Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	1,437.80	77.77
22 13 29 16-0005	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	1,410.68	77.77
22 13 29 16-0006	EA	1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	1,540.62	77.77
22 13 29 16-0007	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	1,540.62	77.77
22 13 29 16-0008	EA	1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	1,632.56	97.21
22 13 29 16-0009	EA	1 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	1,747.82	97.21
22 13 29 16-0010	EA	1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	1,762.50	97.21
22 13 29 16-0011		Submersible Single Seal Sewage Pumps With Bronze Vortex Impeller <small>(22 13 29 16-0001)</small>		
Note: Includes 20' cord.				
22 13 29 16-0012	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	1,374.52	77.77
22 13 29 16-0013	EA	1/2 HP Automatic Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	1,501.07	77.77
22 13 29 16-0014	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	1,441.19	77.77
22 13 29 16-0015	EA	1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	1,563.22	77.77
22 13 29 16-0016	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	1,672.83	77.77
22 13 29 16-0017	EA	1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	1,562.50	97.21
22 13 29 16-0018	EA	1 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	1,693.58	97.21
22 13 29 16-0019	EA	1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	1,692.45	97.21

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

22 13 29 16-0020	EA	1-1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,947.91	156.70
22 13 29 16-0021	EA	1-1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,058.65	156.70
22 13 29 16-0022	EA	1-1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,077.86	156.70
22 13 29 16-0023	EA	2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,089.97	191.52
22 13 29 16-0024	EA	2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,216.53	191.52
22 13 29 16-0025	EA	2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,219.92	191.52

22 13 29 16-0026 Submersible Double Seal Sewage Pumps With Bronze Vortex Impeller (22 13 29 16-0001)

Note: Includes 20' cord.

22 13 29 16-0027	EA	1/2 HP Manual Submersible Double Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,627.63	77.77
22 13 29 16-0028	EA	1/2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,842.32	77.77
22 13 29 16-0029	EA	1 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron And Bronze Impeller	1,803.18	97.21
22 13 29 16-0030	EA	1 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron And Bronze Impeller	1,933.13	97.21
22 13 29 16-0031	EA	1-1/2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,206.67	156.70
22 13 29 16-0032	EA	1-1/2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,336.62	156.70
22 13 29 16-0033	EA	2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,349.86	191.52
22 13 29 16-0034	EA	2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,479.81	191.52

22 13 29 16-0035 Submersible Sewage Pumps With Semi-Open Impeller (22 13 29 16)

Note: Includes 25' of cord with pump.

22 13 29 16-0036	EA	1 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	3,900.81	97.21
22 13 29 16-0037	EA	1.5 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	4,176.72	157.98
22 13 29 16-0038	EA	2 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	4,479.61	193.09
22 13 29 16-0039	EA	3 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	4,692.62	234.04
22 13 29 16-0040	EA	5 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	5,268.29	275.00
22 13 29 16-0041	EA	7.5 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	5,886.39	315.96

22 13 29 16-0042 Submersible Sewage Pumps, Explosion Proof (22 13 29 16)

Note: Includes 25' of cord with pump.

22 13 29 16-0043	EA	1 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	6,806.40	348.36
22 13 29 16-0044	EA	1 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	6,279.32	348.36
22 13 29 16-0045	EA	1 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	6,279.32	348.36
22 13 29 16-0046	EA	1.5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,139.66	464.47
22 13 29 16-0047	EA	1.5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	6,612.59	464.47
22 13 29 16-0048	EA	1.5 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	6,612.59	464.47
22 13 29 16-0049	EA	2 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,581.63	580.59
22 13 29 16-0050	EA	2 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,054.56	580.59
22 13 29 16-0051	EA	2 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,054.56	580.59
22 13 29 16-0052	EA	3 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,921.48	696.71
22 13 29 16-0053	EA	3 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,394.40	696.71
22 13 29 16-0054	EA	3 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,394.40	696.71
22 13 29 16-0055	EA	5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	8,752.17	812.83
22 13 29 16-0056	EA	5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	8,225.09	812.83
22 13 29 16-0057	EA	5 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	8,225.09	812.83
22 13 29 16-0058	EA	7.5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	9,067.86	928.95
22 13 29 16-0059	EA	7.5 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	9,067.86	928.95

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 13 29 16-0060 Submersible Sewage Pump Accessories <small>(22 13 29 16)</small>						
22 13 29 16-0061	EA			Simplex Plug In Pump Control Panel with Alarm Float Only, 115 Volt, 1 Phase, 0-15 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump 660.45	660.45	85.70
				Note: Includes alarm horn, warning light and alarm float switch.		
22 13 29 16-0062	EA			Simplex Plug In Pump Control Panel with Alarm Float Only, 230 Volt, 1 Phase, 0-15 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump 682.04	682.04	85.70
				Note: Includes alarm horn, warning light, and alarm float switch.		
22 13 29 16-0063	EA			Simplex Control Panel With 3 Floats, 115/208/230 Volt, 1 Phase, 0-20 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump 1,342.66	1,342.66	114.27
				Note: Includes alarm horn, warning light, HOA switch and three 20' control float switches.		
22 13 29 16-0064	EA			Simplex Control Panel 208/230/460 Volt, 3 Phase, 1-23 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump 1,895.42	1,895.42	114.27
				Note: Includes alarm horn and warning light. Control float switches not included.		
22 13 29 16-0065	EA			Simplex Intrinsically Safe Control Panel, 230 Volt, 1 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors 4,258.10	4,258.10	114.27
				Note: Includes alarm horn and warning light. Control float switches not included.		
22 13 29 16-0066	EA			Simplex Intrinsically Safe Control Panel, 200/230/460 Volt, 3 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors 4,455.02	4,455.02	114.27
				Note: Includes alarm horn and warning light. Control float switches not included.		
22 13 29 16-0067	EA			Duplex Intrinsically Safe Control Panel, 230 Volt, 1 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors 7,120.66	7,120.66	142.82
				Note: Includes alarm horn and warning light. Control float switches not included.		
22 13 29 16-0068	EA			Duplex Intrinsically Safe Control Panel, 200/230/460 Volt, 3 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors 6,000.41	6,000.41	142.82
				Note: Includes alarm horn and warning light. Control float switches not included.		
22 13 29 16-0069	EA			Electrical Alternator Duplex Control Panel with 3 Floats, 115 Volt, 1 Phase, 7-20 Amperes Range, Indoor NEMA 1 Enclosure For Submersible Sewage Pumps 1,489.40	1,489.40	142.82
				Note: Includes alarm horn, warning light, and three 20' float switches.		
22 13 29 16-0070	EA			Electrical Alternator Duplex Control Panel With 3 Floats, 115 Volt, 1 Phase, 7-20 Amperes Range, Indoor NEMA 4X Enclosure For Submersible Sewage Pumps 1,640.55	1,640.55	142.82
				Note: Includes alarm horn, warning light, and three 20' float switches.		
22 13 29 16-0071	EA			Electrical Alternator Duplex Control Panel With 3 Floats, 115/200/230 Volt, 1 Phase, 0-20 Amperes, Indoor NEMA 1 Enclosure For Submersible Sewage Pumps 1,574.69	1,574.69	142.82
				Note: Includes alarm horn, warning light, and three 20' float switches.		
22 13 29 16-0072	EA			Electrical Alternator Duplex Control Panel With 3 Floats, 115/200/230 Volt, 1 Phase, 0-30 Amperes Range, Indoor NEMA 4X Enclosure For Submersible Sewage Pumps 1,710.90	1,710.90	142.82
				Note: Includes alarm horn, warning light, and three 20' float switches.		
22 13 29 16-0073	EA			Electrical Alternator Duplex Control Panel, 200/230/460 Volt, 3 Phase, 1-25 Amperes Range, Indoor/Outdoor NEMA 4X Enclosure For Submersible Sewage Pumps 2,927.53	2,927.53	142.82
				Note: Includes alarm horn and warning light. Float switches not included..		
22 13 29 16-0074	EA			Alarm System, 115 Volt, Indoor/Outdoor 4X Enclosure 547.19	547.19	57.13
				Note: Includes alarm horn, warning light and 15' tethered float.		
22 13 29 16-0075	EA			Variable Level (Clamp Type) Float Switch With 15' Cord 104.63	104.63	28.57
				Note: Not for use with Intrinsically Safe Control Systems.		
22 13 29 16-0076	EA			Variable Level (Clamp Type) Float Switch With 15' Cord For Intrinsically Safe Control Systems Only 123.37	123.37	28.57
22 13 29 16-0077	EA			Variable Level (Adjustable Weight Type) Float Switch With 25' Cord 133.65	133.65	28.57
				Note: Not for use with Intrinsically Safe Control Systems.		
22 13 29 16-0078	EA			Variable Level (Adjustable Weight Type) Float Switch With 25' Cord For Intrinsically Safe Control Systems Only 138.39	138.39	28.57
22 13 29 16-0079	EA			Floater Switch Tree With (3) 15' Floats 397.44	397.44	28.57
				Note: Not for use with Intrinsically Safe Control Systems.		
22 13 29 16-0080	EA			Floater Switch Tree And (3) Floats With 15' Cords For Intrinsically Safe Control Systems Only 440.24	440.24	28.57
22 13 29 16-0081	EA			Floater Switch Tree And (4) Floats With 15' Cords 442.37	442.37	28.57
				Note: Not for use with Intrinsically Safe Control Systems.		
22 13 29 16-0082	EA			Floater Switch Tree And (4) Floats With 15' Cords For Intrinsically Safe Control Systems Only 501.35	501.35	28.57
22 13 29 16-0083	EA			Floater Switch Tree 212.29	212.29	28.57
				Note: Tree only.		
22 13 29 16-0084	EA			Adjustable Weight For Float Switch 57.03	57.03	14.28
22 13 29 16-0085	EA			Rail And Disconnect System, Stainless Steel, For 2" Horizontal Discharge 1,119.04	1,119.04	85.70
				Note: Lifting equipment not included.		
22 13 29 16-0086	EA			Rail And Disconnect System, Stainless Steel, For 3" Horizontal Discharge 1,753.77	1,753.77	114.27
				Note: Lifting equipment not included.		
22 13 29 16-0087	EA			Rail And Disconnect System, Stainless Steel, For 4" Horizontal Discharge 2,290.48	2,290.48	142.82
				Note: Lifting equipment not included.		
22 13 29 16-0088	EA			Rail And Disconnect System, Stainless Steel Non-Spearking, For 3" Horizontal Discharge 2,437.28	2,437.28	85.70
22 13 29 16-0089	EA			Rail And Disconnect System, Stainless Steel Non-Spearking, For 4" Horizontal Discharge 3,443.61	3,443.61	85.70
22 13 29 16-0090	EA			Intermediate Guide Rail Bracket, Stainless Steel, For 2" Rail System 323.18	323.18	57.13
22 13 29 16-0091	EA			Intermediate Guide Rail Bracket, Stainless Steel, For 3" Rail Systems 568.49	568.49	71.42
22 13 29 16-0092	EA			Intermediate Guide Rail Bracket, Stainless Steel, For 4" Rail Systems 570.11	570.11	85.70
22 13 29 16-0093	EA			12' Stainless Steel Lifting Cable 159.34	159.34	28.57
22 13 29 16-0094	EA			Disconnect Fitting For 2" Horizontal Discharge 314.34	314.34	28.57
				Note: Used for shallow systems where guide rails are not necessary.		

22 13 29 33 Sewerage Pump Basins and Pits (22 13 29)

22 13 29 33-0001 Sewage Sump Pump Basin <small>(22 13 29 33)</small>						
22 13 29 33-0002 High Density Polyethylene (HDPE) Basin <small>(22 13 29 33-0001)</small>						
22 13 29 33-0003	EA			18" Diameter x 24" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub 139.86	139.86	
22 13 29 33-0004	EA			18" Diameter x 30" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub 180.47	180.47	
22 13 29 33-0005	EA			24" Diameter x 30" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub 407.96	407.96	
22 13 29 33-0006	EA			24" Diameter x 36" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub 572.00	572.00	
22 13 29 33-0007	EA			30" Diameter x 36" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub 736.02	736.02	
22 13 29 33-0008	EA			36" Diameter x 36" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub 855.97	855.97	
22 13 29 33-0009 Fiberglass Basin <small>(22 13 29 33-0001)</small>						
22 13 29 33-0010	EA			18" Diameter x 30" High Fiberglass Basin And Lid With Inlet And Hub 379.14	379.14	

22 Plumbing
22 10 Plumbing Piping
22 13 Facility Sanitary Sewerage

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

22 13 29 33-0011	EA	24" Diameter x 30" High Fiberglass Basin And Lid With Inlet And Hub	774.43	
22 13 29 33-0012	EA	30" Diameter x 36" High Fiberglass Basin And Lid With Inlet And Hub	1,393.27	
22 13 29 33-0013	EA	36" Diameter x 36" High Fiberglass Basin And Lid With Inlet And Hub	1,876.77	
22 13 29 33-0014	EA	36" Diameter x 48" High Fiberglass Basin And Lid With Inlet And Hub	2,162.97	
22 13 29 33-0015	EA	36" Diameter x 60" High Fiberglass Basin And Lid With Inlet And Hub	2,284.37	
22 13 29 33-0016	EA	36" Diameter x 72" High Fiberglass Basin And Lid With Inlet And Hub	2,684.32	
22 13 29 33-0017	EA	48" Diameter x 48" High Fiberglass Basin And Lid With Inlet And Hub	3,117.46	

22 14 Facility Storm Drainage (22 10)

22 14 13 Facility Storm Drainage Piping (22 14)
See CSI section 22 13 16 00-0000 for storm drainage piping.

22 14 26 Facility Storm Drains (22 14)

22 14 26 13 Roof Drains (22 14 26)

22 14 26 13-0001 Cast Iron Roof Drains (22 14 26 13)

22 14 26 13-0002 Cast Iron Roof Drains With Large Polypropylene Dome (22 14 26 13-0001)

Note: Dome free area is 124 square inches.

22 14 26 13-0003	EA	15" Diameter Cast Iron Roof Drain With 2" Outlet, 124 Square Inch Free Area Polypropylene Dome	937.14	178.18
		<i>For Galvanized Iron Parts, Add</i>	518.00	
		<i>For Deck Clamp Assembly, Add</i>	130.00	
		<i>For Bronze Dome, Add</i>	448.80	
		<i>For Drain Receiver, Add</i>	147.00	
		<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	357.00	
22 14 26 13-0004	EA	15" Diameter Cast Iron Roof Drain With 3" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,026.21	213.77
		<i>For Galvanized Iron Parts, Add</i>	518.00	
		<i>For Deck Clamp Assembly, Add</i>	130.00	
		<i>For Bronze Dome, Add</i>	448.80	
		<i>For Drain Receiver, Add</i>	147.00	
		<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	357.00	
22 14 26 13-0005	EA	15" Diameter Cast Iron Roof Drain With 4" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,115.28	267.21
		<i>For Galvanized Iron Parts, Add</i>	518.00	
		<i>For Deck Clamp Assembly, Add</i>	130.00	
		<i>For Bronze Dome, Add</i>	448.80	
		<i>For Drain Receiver, Add</i>	147.00	
		<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	357.00	
22 14 26 13-0006	EA	15" Diameter Cast Iron Roof Drain With 5" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,498.40	320.66
		<i>For Galvanized Iron Parts, Add</i>	518.00	
		<i>For Deck Clamp Assembly, Add</i>	130.00	
		<i>For Bronze Dome, Add</i>	448.80	
		<i>For Drain Receiver, Add</i>	147.00	
		<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	357.00	
22 14 26 13-0007	EA	15" Diameter Cast Iron Roof Drain With 6" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,542.93	356.25
		<i>For Galvanized Iron Parts, Add</i>	518.00	
		<i>For Deck Clamp Assembly, Add</i>	130.00	
		<i>For Bronze Dome, Add</i>	448.80	
		<i>For Drain Receiver, Add</i>	147.00	
		<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	357.00	
22 14 26 13-0008	EA	15" Diameter Cast Iron Roof Drain With 8" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,826.16	374.10
		<i>For Galvanized Iron Parts, Add</i>	518.00	
		<i>For Deck Clamp Assembly, Add</i>	130.00	
		<i>For Bronze Dome, Add</i>	448.80	
		<i>For Drain Receiver, Add</i>	147.00	
		<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	357.00	
22 14 26 13-0009	EA	15" Diameter Cast Iron Roof Drain With 10" Outlet, 124 Square Inch Free Area Polypropylene Dome	2,475.62	387.46
		<i>For Galvanized Iron Parts, Add</i>	518.00	
		<i>For Deck Clamp Assembly, Add</i>	130.00	
		<i>For Bronze Dome, Add</i>	448.80	
		<i>For Drain Receiver, Add</i>	147.00	
		<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	357.00	

22 14 26 13-0010 Cast Iron Roof Drains With Expansion Joint (22 14 26 13-0001)

Note: With polypropylene dome. Dome free area is 124 square inches.

22 14 26 13-0011	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 2" Outlet, Polypropylene Dome	1,480.47	178.18
		<i>For Galvanized Iron Parts, Add</i>	518.00	
		<i>For Deck Clamp Assembly, Add</i>	130.00	
		<i>For Drain Receiver, Add</i>	147.00	
		<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	357.00	
22 14 26 13-0012	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 3" Outlet, Polypropylene Dome	1,607.50	213.77
		<i>For Galvanized Iron Parts, Add</i>	518.00	
		<i>For Deck Clamp Assembly, Add</i>	130.00	
		<i>For Drain Receiver, Add</i>	147.00	
		<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	357.00	
22 14 26 13-0013	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 4" Outlet, Polypropylene Dome	1,770.48	267.21
		<i>For Galvanized Iron Parts, Add</i>	518.00	
		<i>For Deck Clamp Assembly, Add</i>	130.00	
		<i>For Drain Receiver, Add</i>	147.00	
		<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	357.00	
22 14 26 13-0014	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 5" Outlet, Polypropylene Dome	2,451.23	320.66
		<i>For Galvanized Iron Parts, Add</i>	518.00	
		<i>For Deck Clamp Assembly, Add</i>	130.00	
		<i>For Drain Receiver, Add</i>	147.00	
		<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	357.00	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 14 26 13-0015	EA			15" Diameter Cast Iron Roof Drain With Expansion Joint, 6" Outlet, Polypropylene Dome <i>For Galvanized Iron Parts, Add</i> <i>For Deck Clamp Assembly, Add</i> <i>For Drain Receiver, Add</i> <i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	2,633.59 518.00 130.00 147.00 357.00	356.25
22 14 26 13-0016 Cast Iron Roof Drains With Flat Bronze Promenade Top <small>(22 14 26 13-0001)</small>						
22 14 26 13-0017	EA			14" x 14" Cast Iron Roof Drain With 2" Outlet, Bronze Promenade Top <i>For Galvanized Iron Parts, Add</i> <i>For Deck Clamp Assembly, Add</i> <i>For Drain Receiver, Add</i> <i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	2,015.01 480.00 130.00 147.00 357.00	178.18
22 14 26 13-0018	EA			14" x 14" Cast Iron Roof Drain With 3" Outlet, Bronze Promenade Top <i>For Galvanized Iron Parts, Add</i> <i>For Deck Clamp Assembly, Add</i> <i>For Drain Receiver, Add</i> <i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	2,104.08 480.00 130.00 147.00 357.00	213.77
22 14 26 13-0019	EA			14" x 14" Cast Iron Roof Drain With 4" Outlet, Bronze Promenade Top <i>For Galvanized Iron Parts, Add</i> <i>For Deck Clamp Assembly, Add</i> <i>For Drain Receiver, Add</i> <i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	2,193.15 480.00 130.00 147.00 357.00	267.21
22 14 26 13-0020	EA			14" x 14" Cast Iron Roof Drain With 5" Outlet, Bronze Promenade Top <i>For Galvanized Iron Parts, Add</i> <i>For Deck Clamp Assembly, Add</i> <i>For Drain Receiver, Add</i> <i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	2,560.30 480.00 130.00 147.00 357.00	320.66
22 14 26 13-0021	EA			14" x 14" Cast Iron Roof Drain With 6" Outlet, Bronze Promenade Top <i>For Galvanized Iron Parts, Add</i> <i>For Deck Clamp Assembly, Add</i> <i>For Drain Receiver, Add</i> <i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	2,604.83 480.00 130.00 147.00 357.00	356.25
22 14 26 13-0022 Cast Iron Scupper Drain With L-Shaped Bronze Grate <small>(22 14 26 13-0001)</small>						
22 14 26 13-0023	EA			Cast Iron Scupper Drain With 2" Outlet, L-Shaped Bronze Grate <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Grate, Add</i>	1,304.21 128.00 33.00	71.29
22 14 26 13-0024	EA			Cast Iron Scupper Drain With 3" Outlet, L-Shaped Bronze Grate <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Grate, Add</i>	1,339.84 128.00 33.00	89.04
22 14 26 13-0025	EA			Cast Iron Scupper Drain With 4" Outlet, L-Shaped Bronze Grate <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Grate, Add</i>	1,356.04 128.00 33.00	97.16
22 14 26 13-0026	EA			Cast Iron Scupper Drain With 5" Outlet, L-Shaped Bronze Grate <i>For Galvanized Iron Parts, Add</i> <i>For Vandal Proof Grate, Add</i>	1,908.29 258.00 33.00	128.80
22 14 26 13-0027	EA			Cast Iron Scupper Drain With 6" Outlet, L-Shaped Bronze Grate <i>For Galvanized Iron Parts, Add</i> <i>For Vandal Proof Grate, Add</i>	1,965.11 258.00 33.00	157.23
22 14 26 13-0028 Cast Iron Roof Drain With Flat Cast Iron Grate <small>(22 14 26 13-0001)</small>						
22 14 26 13-0029	EA			9" x 9" Cast Iron Roof Drain With 2" Outlet, Cast Iron Promenade Top <i>For Galvanized Cast Iron Parts, Add</i> <i>For Deck Clamp Assembly, Add</i> <i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	1,028.96 144.00 80.40 93.60	178.18
22 14 26 13-0030	EA			9" x 9" Cast Iron Roof Drain With 3" Outlet, Cast Iron Promenade Top <i>For Galvanized Cast Iron Parts, Add</i> <i>For Deck Clamp Assembly, Add</i> <i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	1,118.03 144.00 80.40 93.60	213.77
22 14 26 13-0031	EA			9" x 9" Cast Iron Roof Drain With 4" Outlet, Cast Iron Promenade Top <i>For Galvanized Cast Iron Parts, Add</i> <i>For Deck Clamp Assembly, Add</i> <i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	1,207.10 144.00 80.40 93.60	267.21
22 14 26 13-0032 Cast Iron Roof Drains With Large Cast Iron Dome <small>(22 14 26 13-0001)</small>						
22 14 26 13-0033	EA			15" Diameter Cast Iron Roof Drain With 2" Outlet, Cast Iron Dome <i>For Galvanized Iron Parts, Add</i> <i>For Deck Clamp Assembly, Add</i> <i>For Drain Receiver, Add</i> <i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	1,108.80 518.00 130.00 147.00 357.00	178.18
22 14 26 13-0034	EA			15" Diameter Cast Iron Roof Drain With 3" Outlet, Cast Iron Dome <i>For Galvanized Iron Parts, Add</i> <i>For Deck Clamp Assembly, Add</i> <i>For Drain Receiver, Add</i> <i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	1,197.87 518.00 130.00 147.00 357.00	213.77
22 14 26 13-0035	EA			15" Diameter Cast Iron Roof Drain With 4" Outlet, Cast Iron Dome <i>For Galvanized Iron Parts, Add</i> <i>For Deck Clamp Assembly, Add</i> <i>For Drain Receiver, Add</i> <i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	1,286.94 518.00 130.00 147.00 357.00	267.21
22 14 26 13-0036	EA			15" Diameter Cast Iron Roof Drain With 5" Outlet, Cast Iron Dome <i>For Galvanized Iron Parts, Add</i> <i>For Deck Clamp Assembly, Add</i> <i>For Drain Receiver, Add</i> <i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	1,670.06 518.00 130.00 147.00 357.00	320.66

22 Plumbing**22 10 Plumbing Piping****22 14 Facility Storm Drainage**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 14 26 13-0037	EA 15" Diameter Cast Iron Roof Drain With 6" Outlet, Cast Iron Dome <i>For Galvanized Iron Parts, Add</i> <i>For Deck Clamp Assembly, Add</i> <i>For Drain Receiver, Add</i> <i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	1,714.59 518.00 130.00 147.00 357.00	356.25
22 14 26 13-0038	EA 15" Diameter Cast Iron Roof Drain With 8" Outlet, Cast Iron Dome <i>For Galvanized Iron Parts, Add</i> <i>For Deck Clamp Assembly, Add</i> <i>For Drain Receiver, Add</i> <i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	1,997.82 518.00 130.00 147.00 357.00	374.10
22 14 26 13-0039	EA 15" Diameter Cast Iron Roof Drain With 10" Outlet, Cast Iron Dome <i>For Galvanized Iron Parts, Add</i> <i>For Deck Clamp Assembly, Add</i> <i>For Drain Receiver, Add</i> <i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	2,647.28 518.00 130.00 147.00 357.00	387.46
22 14 26 13-0040 Aluminum Roof Drains (22 14 26 13)			
22 14 26 13-0041 Aluminum Dome Roof Drains (22 14 26 13-0040)			
22 14 26 13-0042	EA 15" Diameter Roof Drain With 2" Outlet, Aluminum Dome <i>For Galvanized Cast Iron Parts, Add</i> <i>For Deck Clamp Assembly, Add</i> <i>For Drain Receiver, Add</i> <i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	1,138.74 518.00 130.00 147.00 357.00	178.18
22 14 26 13-0043	EA 15" Diameter Roof Drain With 3" Outlet, Aluminum Dome <i>For Galvanized Cast Iron Parts, Add</i> <i>For Deck Clamp Assembly, Add</i> <i>For Drain Receiver, Add</i> <i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	1,227.81 518.00 130.00 147.00 357.00	213.77
22 14 26 13-0044	EA 15" Diameter Roof Drain With 4" Outlet, Aluminum Dome <i>For Galvanized Cast Iron Parts, Add</i> <i>For Deck Clamp Assembly, Add</i> <i>For Drain Receiver, Add</i> <i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	1,316.88 518.00 130.00 147.00 357.00	267.21
22 14 26 13-0045	EA 15" Diameter Roof Drain With 6" Outlet, Aluminum Dome <i>For Galvanized Cast Iron Parts, Add</i> <i>For Deck Clamp Assembly, Add</i> <i>For Drain Receiver, Add</i> <i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	1,744.53 518.00 130.00 147.00 357.00	355.93
22 14 26 13-0046	EA 15" Diameter Roof Drain With 8" Outlet, Aluminum Dome <i>For Galvanized Cast Iron Parts, Add</i> <i>For Deck Clamp Assembly, Add</i> <i>For Drain Receiver, Add</i> <i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	2,027.98 518.00 130.00 147.00 357.00	374.10
22 14 26 13-0047	EA 15" Diameter Roof Drain With 10" Outlet, Aluminum Dome <i>For Galvanized Cast Iron Parts, Add</i> <i>For Deck Clamp Assembly, Add</i> <i>For Drain Receiver, Add</i> <i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	2,677.23 518.00 130.00 147.00 357.00	387.46
22 14 26 13-0048 Retrofit Roof Drains (22 14 26 13)			
22 14 26 13-0049 Retrofit Copolymer Roof Drains With Copolymer Strainer Dome (22 14 26 13-0048)			
22 14 26 13-0050	EA Copolymer Retrofit 3" Roof Drains, With Copolymer Dome	821.79	213.77
22 14 26 13-0051	EA Copolymer Retrofit 4" Roof Drains, With Copolymer Dome	925.34	267.21
22 14 26 13-0052	EA Copolymer Retrofit 5" Roof Drains, With Copolymer Dome	1,116.86	320.66
22 14 26 13-0053	EA Copolymer Retrofit 6" Roof Drains, With Copolymer Dome	1,219.30	355.93
22 14 26 13-0054 Retrofit Copolymer Roof Drains With Cast Aluminum Strainer Dome (22 14 26 13-0048)			
22 14 26 13-0055	EA Copolymer Retrofit Drain, 3", With Cast Aluminum Dome	952.09	213.77
22 14 26 13-0056	EA Copolymer Retrofit Drain, 4", With Cast Aluminum Dome	1,049.85	267.21
22 14 26 13-0057	EA Copolymer Retrofit Drain, 5", With Cast Aluminum Dome	1,250.06	320.66
22 14 26 13-0058	EA Copolymer Retrofit Drain, 6", With Cast Aluminum Dome	1,311.96	355.93
22 14 26 13-0059 Retrofit Roof Aluminum Drains With Cast Aluminum Strainer Dome (22 14 26 13-0048)			
22 14 26 13-0060	EA Aluminum Retrofit 3" Roof Drains, With Cast Aluminum Dome <i>For Copolymer Strainer Dome, Deduct</i>	827.58 -24.00	213.77
22 14 26 13-0061	EA Aluminum Retrofit 4" Roof Drains, With Cast Aluminum Dome <i>For Copolymer Strainer Dome, Deduct</i>	931.13 -24.00	267.21
22 14 26 13-0062	EA Aluminum Retrofit 5" Roof Drains, With Cast Aluminum Dome <i>For Copolymer Strainer Dome, Deduct</i>	1,122.65 -24.00	320.66
22 14 26 13-0063	EA Aluminum Retrofit 6" Roof Drains, With Cast Aluminum Dome <i>For Copolymer Strainer Dome, Deduct</i>	1,178.76 -24.00	355.93
22 14 26 13-0064 Bronze Downspout Nozzles (22 14 26 13)			
22 14 26 13-0065	EA 2" Outlet, Bronze Roof Drain Downspout Nozzle	497.02	106.89
22 14 26 13-0066	EA 3" Outlet, Bronze Roof Drain Downspout Nozzle	497.02	106.89
22 14 26 13-0067	EA 4" Outlet, Bronze Roof Drain Downspout Nozzle	497.02	106.89
22 14 26 13-0068	EA 5" Outlet, Bronze Roof Drain Downspout Nozzle	777.18	133.61
22 14 26 13-0069	EA 6" Outlet, Bronze Roof Drain Downspout Nozzle	777.18	133.61
22 14 26 13-0070	EA 8" Outlet, Bronze Roof Drain Downspout Nozzle	1,014.61	133.61

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 14 26 16 Facility Area Drains (22 14 26)
22 14 26 16-0001 Area Drain (22 14 26 16)

22 14 26 16-0002	EA 12" x 12" Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	3,171.38	128.69
	<i>For Ductile Iron Grate, Add</i>	123.50	
	<i>For Vandal Proof Screws, Add</i>	29.50	
	<i>For Primer Tap, Add</i>	36.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	152.25	
22 14 26 16-0003	EA 12" x 12" Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	3,199.13	142.58
	<i>For Ductile Iron Grate, Add</i>	123.50	
	<i>For Vandal Proof Screws, Add</i>	29.50	
	<i>For Primer Tap, Add</i>	36.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	152.25	
22 14 26 16-0004	EA 12" x 12" Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	3,228.33	157.23
	<i>For Ductile Iron Grate, Add</i>	123.50	
	<i>For Vandal Proof Screws, Add</i>	29.50	
	<i>For Primer Tap, Add</i>	36.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	152.25	
22 14 26 16-0005	EA 12" x 12" Floor Drain With 6" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	3,258.75	172.41
	<i>For Ductile Iron Grate, Add</i>	123.50	
	<i>For Vandal Proof Screws, Add</i>	29.50	
	<i>For Primer Tap, Add</i>	36.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	152.25	
22 14 26 16-0006	EA 12" x 12" Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	1,935.07	128.69
	<i>For Ductile Iron Grate, Add</i>	123.50	
	<i>For Vandal Proof Screws, Add</i>	29.50	
	<i>For Primer Tap, Add</i>	36.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	152.25	
22 14 26 16-0007	EA 12" x 12" Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	1,962.82	142.58
	<i>For Ductile Iron Grate, Add</i>	123.50	
	<i>For Vandal Proof Screws, Add</i>	29.50	
	<i>For Primer Tap, Add</i>	36.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	152.25	
22 14 26 16-0008	EA 12" x 12" Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	1,992.02	157.23
	<i>For Ductile Iron Grate, Add</i>	123.50	
	<i>For Vandal Proof Screws, Add</i>	29.50	
	<i>For Primer Tap, Add</i>	36.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	152.25	
22 14 26 16-0009	EA 12" x 12" Floor Drain With 6" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	2,022.44	172.41
	<i>For Ductile Iron Grate, Add</i>	123.50	
	<i>For Vandal Proof Screws, Add</i>	29.50	
	<i>For Primer Tap, Add</i>	36.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	152.25	
22 14 26 16-0010	EA 12" x 12" Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	2,957.56	128.69
	<i>For Ductile Iron Grate, Add</i>	123.50	
	<i>For Vandal Proof Screws, Add</i>	29.50	
	<i>For Primer Tap, Add</i>	36.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	152.25	
22 14 26 16-0011	EA 12" x 12" Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	2,985.31	142.58
	<i>For Ductile Iron Grate, Add</i>	123.50	
	<i>For Vandal Proof Screws, Add</i>	29.50	
	<i>For Primer Tap, Add</i>	36.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	152.25	
22 14 26 16-0012	EA 12" x 12" Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	3,014.51	157.23
	<i>For Ductile Iron Grate, Add</i>	123.50	
	<i>For Vandal Proof Screws, Add</i>	29.50	
	<i>For Primer Tap, Add</i>	36.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	152.25	
22 14 26 16-0013	EA 12" x 12" Floor Drain With 6" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	3,044.93	172.41
	<i>For Ductile Iron Grate, Add</i>	123.50	
	<i>For Vandal Proof Screws, Add</i>	29.50	
	<i>For Primer Tap, Add</i>	36.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	152.25	
22 14 26 16-0014	EA 16" x 16" Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	6,438.95	128.69
	<i>For Ductile Iron Grate, Add</i>	123.50	
	<i>For Primer Tap, Add</i>	36.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	258.50	
22 14 26 16-0015	EA 16" x 16" Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	6,466.70	142.58
	<i>For Ductile Iron Grate, Add</i>	123.50	
	<i>For Primer Tap, Add</i>	36.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	258.50	
22 14 26 16-0016	EA 16" x 16" Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	6,495.90	157.23
	<i>For Ductile Iron Grate, Add</i>	123.50	
	<i>For Primer Tap, Add</i>	36.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	258.50	

22 Plumbing
22 10 Plumbing Piping
22 14 Facility Storm Drainage

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 16-0017	EA		16" x 16" Floor Drain With 6" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	6,526.32	172.41
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	258.50	
22 14 26 16-0018	EA		16" x 16" Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	3,122.04	128.69
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	258.50	
22 14 26 16-0019	EA		16" x 16" Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	3,149.79	142.58
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	258.50	
22 14 26 16-0020	EA		16" x 16" Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	3,178.99	157.23
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	258.50	
22 14 26 16-0021	EA		16" x 16" Floor Drain With 6" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	3,209.41	172.41
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	258.50	
22 14 26 16-0022	EA		16" x 16" Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	6,101.77	128.69
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	258.50	
22 14 26 16-0023	EA		16" x 16" Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	6,129.52	142.58
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	258.50	
22 14 26 16-0024	EA		16" x 16" Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	6,158.72	157.23
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	258.50	
22 14 26 16-0025	EA		16" x 16" Floor Drain With 6" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	6,189.14	172.41
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	258.50	
22 14 26 16-0026	EA		9" Diameter Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	1,389.57	128.69
			<i>For Vandal Proof Grate, Add</i>	30.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
22 14 26 16-0027	EA		9" Diameter Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	1,417.32	142.58
			<i>For Vandal Proof Grate, Add</i>	30.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
22 14 26 16-0028	EA		9" Diameter Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	1,446.52	157.23
			<i>For Vandal Proof Grate, Add</i>	30.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
22 14 26 16-0029	EA		9" Diameter Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	824.87	128.69
			<i>For Vandal Proof Grate, Add</i>	30.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
22 14 26 16-0030	EA		9" Diameter Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	852.62	142.58
			<i>For Vandal Proof Grate, Add</i>	30.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
22 14 26 16-0031	EA		9" Diameter Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	881.82	157.23
			<i>For Vandal Proof Grate, Add</i>	30.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
22 14 26 16-0032	EA		9" Diameter Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	1,307.33	128.69
			<i>For Vandal Proof Grate, Add</i>	30.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
22 14 26 16-0033	EA		9" Diameter Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	1,335.08	142.58
			<i>For Vandal Proof Grate, Add</i>	30.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
22 14 26 16-0034	EA		9" Diameter Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	1,364.28	157.23
			<i>For Vandal Proof Grate, Add</i>	30.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
22 14 26 16-0035	EA		12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer.....	4,276.10	128.69
			<i>For Vandal Proof Screws, Add</i>	30.50	
			<i>For Ductile Iron Grate, Add</i>	126.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	307.50	
22 14 26 16-0036	EA		12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer.....	4,303.85	142.58
			<i>For Vandal Proof Screws, Add</i>	30.50	
			<i>For Ductile Iron Grate, Add</i>	126.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	307.50	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 14 26 16-0037	EA			12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	4,333.05	157.23
				<i>For Vandal Proof Screws, Add</i>	30.50	
				<i>For Ductile Iron Grate, Add</i>	126.00	
				<i>For Galvanized Cast Iron Parts, Add</i>	307.50	
22 14 26 16-0038	EA			12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	2,765.67	128.69
				<i>For Vandal Proof Screws, Add</i>	30.50	
				<i>For Ductile Iron Grate, Add</i>	126.00	
				<i>For Galvanized Cast Iron Parts, Add</i>	307.50	
22 14 26 16-0039	EA			12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	2,793.42	142.58
				<i>For Vandal Proof Screws, Add</i>	30.50	
				<i>For Ductile Iron Grate, Add</i>	126.00	
				<i>For Galvanized Cast Iron Parts, Add</i>	307.50	
22 14 26 16-0040	EA			12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	2,822.62	157.23
				<i>For Vandal Proof Screws, Add</i>	30.50	
				<i>For Ductile Iron Grate, Add</i>	126.00	
				<i>For Galvanized Cast Iron Parts, Add</i>	307.50	
22 14 26 16-0041	EA			12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	4,012.94	128.69
				<i>For Vandal Proof Screws, Add</i>	30.50	
				<i>For Ductile Iron Grate, Add</i>	126.00	
				<i>For Galvanized Cast Iron Parts, Add</i>	307.50	
22 14 26 16-0042	EA			12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	4,040.69	142.58
				<i>For Vandal Proof Screws, Add</i>	30.50	
				<i>For Ductile Iron Grate, Add</i>	126.00	
				<i>For Galvanized Cast Iron Parts, Add</i>	307.50	
22 14 26 16-0043	EA			12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	4,069.89	157.23
				<i>For Vandal Proof Screws, Add</i>	30.50	
				<i>For Ductile Iron Grate, Add</i>	126.00	
				<i>For Galvanized Cast Iron Parts, Add</i>	307.50	

22 14 26 19 Facility Trench Drains (22 14 26)

22 14 26 19-0001	Trench Drain (22 14 26 19)					
	Note: Each section is 39.4" in length.					
22 14 26 19-0002	EA			6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,106.67	128.69
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	66.00	
				<i>For Galvanized Cast Iron Parts, Add</i>	98.25	
22 14 26 19-0003	EA			6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,134.42	142.58
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	66.00	
				<i>For Galvanized Cast Iron Parts, Add</i>	98.25	
22 14 26 19-0004	EA			6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,163.62	157.23
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	66.00	
				<i>For Galvanized Cast Iron Parts, Add</i>	98.25	
22 14 26 19-0005	EA			6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	668.07	128.69
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	66.00	
				<i>For Galvanized Cast Iron Parts, Add</i>	98.25	
22 14 26 19-0006	EA			6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	695.82	142.58
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	66.00	
				<i>For Galvanized Cast Iron Parts, Add</i>	98.25	
22 14 26 19-0007	EA			6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	725.02	157.23
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	66.00	
				<i>For Galvanized Cast Iron Parts, Add</i>	98.25	
22 14 26 19-0008	EA			6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,046.91	128.69
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	66.00	
				<i>For Galvanized Cast Iron Parts, Add</i>	98.25	
22 14 26 19-0009	EA			6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,074.66	142.58
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	66.00	
				<i>For Galvanized Cast Iron Parts, Add</i>	98.25	
22 14 26 19-0010	EA			6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,103.86	157.23
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	66.00	
				<i>For Galvanized Cast Iron Parts, Add</i>	98.25	
22 14 26 19-0011	EA			6" Wide Trench Drain x 15" Extension Section, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	977.42	64.13
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	66.00	
				<i>For Galvanized Cast Iron Parts, Add</i>	98.25	

22 Plumbing**22 10 Plumbing Piping****22 14 Facility Storm Drainage**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 14 26 19-0012	EA 6" Wide Trench Drain x 15" Extension Section, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	538.82	64.13
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	66.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	98.25	
22 14 26 19-0013	EA 6" Wide Trench Drain x 15" Extension Section, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	917.66	64.13
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	66.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	98.25	
22 14 26 19-0014	EA 12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,763.12	128.69
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	181.50	
	<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
	<i>For Sediment Bucket, Add</i>	116.00	
	<i>For Galvanized Sediment Bucket, Add</i>	188.50	
	<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0015	EA 12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,790.87	142.58
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	181.50	
	<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
	<i>For Sediment Bucket, Add</i>	116.00	
	<i>For Galvanized Sediment Bucket, Add</i>	188.50	
	<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0016	EA 12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,820.07	157.23
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	181.50	
	<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
	<i>For Sediment Bucket, Add</i>	116.00	
	<i>For Galvanized Sediment Bucket, Add</i>	188.50	
	<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0017	EA 12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,220.42	128.69
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	181.50	
	<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
	<i>For Sediment Bucket, Add</i>	116.00	
	<i>For Galvanized Sediment Bucket, Add</i>	188.50	
	<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0018	EA 12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,248.17	142.58
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	181.50	
	<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
	<i>For Sediment Bucket, Add</i>	116.00	
	<i>For Galvanized Sediment Bucket, Add</i>	188.50	
	<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0019	EA 12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,277.37	157.23
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	181.50	
	<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
	<i>For Sediment Bucket, Add</i>	116.00	
	<i>For Galvanized Sediment Bucket, Add</i>	188.50	
	<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0020	EA 12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,688.90	128.69
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	181.50	
	<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
	<i>For Sediment Bucket, Add</i>	116.00	
	<i>For Galvanized Sediment Bucket, Add</i>	188.50	
	<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0021	EA 12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,716.65	142.58
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	181.50	
	<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
	<i>For Sediment Bucket, Add</i>	116.00	
	<i>For Galvanized Sediment Bucket, Add</i>	188.50	
	<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0022	EA 12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,745.85	157.23
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	181.50	
	<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
	<i>For Sediment Bucket, Add</i>	116.00	
	<i>For Galvanized Sediment Bucket, Add</i>	188.50	
	<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0023	EA 12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,473.93	128.69
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	181.50	
	<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
	<i>For Sediment Bucket, Add</i>	116.00	
	<i>For Galvanized Sediment Bucket, Add</i>	188.50	
	<i>For Galvanized Cast Iron Parts, Add</i>	131.50	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 14 26 19-0024	EA			12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,501.68	142.58
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	181.50	
				<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
				<i>For Sediment Bucket, Add</i>	116.00	
				<i>For Galvanized Sediment Bucket, Add</i>	188.50	
				<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0025	EA			12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,530.88	157.23
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	181.50	
				<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
				<i>For Sediment Bucket, Add</i>	116.00	
				<i>For Galvanized Sediment Bucket, Add</i>	188.50	
				<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0026	EA			12" Wide Trench Drain x 15" Extension Section, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,633.85	64.13
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	181.50	
				<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
22 14 26 19-0027	EA			12" Wide Trench Drain x 15" Extension Section, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,091.15	64.13
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	181.50	
				<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
22 14 26 19-0028	EA			12" Wide Trench Drain x 15" Extension Section, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,559.63	64.13
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	181.50	
				<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
22 14 26 19-0029	EA			12" Wide Trench Drain x 15" Extension Section, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,344.66	64.13
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	181.50	
				<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	

22 14 29 Sump Pumps (22 14)
 See CSI section 22 11 16 00-0000 for pipe extensions into well.

22 14 29 13 Wet-Pit-Mounted, Vertical Sump Pumps (22 14 29)

22 14 29 13-0001 Vertical Mounted Sump Pumps (22 14 29 13)

Note: Supplied with 1750 RPM premium efficient motor with drip cover, float switch assembly, steel support mounting plate and 5' column sections.

22 14 29 13-0002	EA			1 HP Vertical Mounted Cast Iron Sump Pump, 1-1/2" Discharge, Single Stage, 25 GPM 40' Head	6,387.52	310.14
				<i>For Explosion Proof Motor, Add</i>	282.58	
22 14 29 13-0003	EA			1-1/2 HP Vertical Mounted Cast Iron Sump Pump, 2" Discharge, Single Stage, 75 GPM 40' Head	6,740.32	375.37
				<i>For Explosion Proof Motor, Add</i>	314.15	
22 14 29 13-0004	EA			2 HP Vertical Mounted Cast Iron Sump Pump, 2-1/2" Discharge, Single Stage, 100 GPM 40' Head	7,695.30	445.96
				<i>For Explosion Proof Motor, Add</i>	405.84	
22 14 29 13-0005	EA			3 HP Vertical Mounted Cast Iron Sump Pump, 3" Discharge, Single Stage, 150 GPM 40' Head	8,189.33	548.62
				<i>For Explosion Proof Motor, Add</i>	459.95	
22 14 29 13-0006	EA			5 HP Vertical Mounted Cast Iron Sump Pump, 3" Discharge, Single Stage, 200 GPM 40' Head	8,643.35	594.61
				<i>For Explosion Proof Motor, Add</i>	671.89	
22 14 29 13-0007	EA			10 HP Vertical Mounted Cast Iron Sump Pump, 4" Discharge, Single Stage, 300 GPM 70' Head	10,247.27	713.31
				<i>For Explosion Proof Motor, Add</i>	762.07	
22 14 29 13-0008	EA			15 HP Vertical Mounted Cast Iron Sump Pump, 5" Discharge, Single Stage, 500 GPM 70' Head	12,015.46	738.71
				<i>For Explosion Proof Motor, Add</i>	1,249.08	
22 14 29 13-0009	EA			20 HP Vertical Mounted Cast Iron Sump Pump, 6" Discharge, Single Stage, 800 GPM 70' Head	14,478.05	895.01
				<i>For Explosion Proof Motor, Add</i>	1,657.92	
22 14 29 13-0010	EA			30 HP Vertical Mounted Cast Iron Sump Pump, 6" Discharge, Single Stage, 1,000 GPM 70' Head	15,605.50	1,043.81
				<i>For Explosion Proof Motor, Add</i>	2,149.43	
22 14 29 13-0011	EA			50 HP Vertical Mounted Cast Iron Sump Pump, 8" Discharge, Single Stage, 1,600 GPM 70' Head	21,005.36	1,253.01
				<i>For Explosion Proof Motor, Add</i>	2,800.28	
22 14 29 13-0012	EA			60 HP Vertical Mounted Cast Iron Sump Pump, 8" Discharge, Single Stage, 2,000 GPM 70' Head	29,230.87	1,391.75
				<i>For Explosion Proof Motor, Add</i>	4,438.65	

22 14 29 13-0013 Extra Column Assemblies (22 14 29 13)

22 14 29 13-0014	EA			1-1/2" Diameter x 5' Long Extra Column Assembly	1,016.94	
22 14 29 13-0015	EA			2" Diameter x 5' Long Extra Column Assembly	1,112.77	
22 14 29 13-0016	EA			2-1/2" Diameter x 5' Long Extra Column Assembly	1,217.63	
22 14 29 13-0017	EA			3" Diameter x 5' Long Extra Column Assembly	1,462.00	
22 14 29 13-0018	EA			4" Diameter x 5' Long Extra Column Assembly	1,634.13	
22 14 29 13-0019	EA			5" Diameter x 5' Long Extra Column Assembly	1,663.88	
22 14 29 13-0020	EA			6" Diameter x 5' Long Extra Column Assembly	1,867.88	
22 14 29 13-0021	EA			8" Diameter x 5' Long Extra Column Assembly	2,043.89	

22 14 29 13-0022 Support Plate (22 14 29 13)

22 14 29 13-0023	EA			24" Steel Support Plate, Round Or Square	885.66	42.75
22 14 29 13-0024	EA			30" Steel Support Plate, Round Or Square	980.37	48.10
22 14 29 13-0025	EA			36" Steel Support Plate, Round Or Square	1,361.26	64.13
22 14 29 13-0026	EA			40" Steel Support Plate, Round Or Square	1,981.61	74.82
22 14 29 13-0027	EA			42" Steel Support Plate, Round Or Square	2,125.38	77.50
22 14 29 13-0028	EA			48" Steel Support Plate, Round Or Square	2,273.36	80.17
22 14 29 13-0029	EA			54" Steel Support Plate, Round Or Square	2,898.06	96.20

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 14 29 13-0030	EA		60" Steel Support Plate, Round Or Square.....	3,933.82	106.89
22 14 29 13-0031	EA		72" Steel Support Plate, Round Or Square.....	5,254.71	133.61
22 14 29 13-0032	EA		84" Steel Support Plate, Round Or Square.....	6,349.26	146.97

22 14 29 16 Submersible Sump Pumps (22 14 29)

22 14 29 16-0001			Submersible Sump Pump With Vortex Impeller (22 14 29 16)		
22 14 29 16-0002			Submersible Sump Pump With Cast Iron Vortex Impeller (22 14 29 16-0001)		
22 14 29 16-0003	EA		1/3 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	482.43	69.65
22 14 29 16-0004	EA		1/3 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	533.86	69.65
22 14 29 16-0005	EA		1/2 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	835.92	73.70
22 14 29 16-0006	EA		1/2 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	917.29	73.70
22 14 29 16-0007			Submersible Sump Pump With Bronze Vortex Impeller (22 14 29 16-0001)		
			Note: Includes 20' of cord with pump.		
22 14 29 16-0008	EA		1/2 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,403.27	73.70
22 14 29 16-0009	EA		1/2 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,525.89	73.70
22 14 29 16-0010	EA		1 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,603.35	81.25
22 14 29 16-0011	EA		1 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,734.45	81.25
22 14 29 16-0012	EA		1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,786.22	92.85
22 14 29 16-0013	EA		1-1/2 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,915.06	92.85
22 14 29 16-0014	EA		2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,919.68	110.27
22 14 29 16-0015	EA		2 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	2,031.56	110.27
22 14 29 16-0016			Submersible Sump Pump With Semi-Open Impeller (22 14 29 16)		
			Note: Includes 20' of cord with pump.		
22 14 29 16-0017	EA		1/3 HP Manual Submersible Sump Pump, 115 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,238.71	69.65
22 14 29 16-0018	EA		1/3 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,279.41	69.65
22 14 29 16-0019	EA		1/2 HP Manual Submersible Sump Pump, 115 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,600.18	73.70
22 14 29 16-0020	EA		1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,628.78	73.70
22 14 29 16-0021	EA		3/4 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,956.14	77.77
22 14 29 16-0022	EA		3/4 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,956.14	77.77
22 14 29 16-0023	EA		1 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,068.97	81.25
22 14 29 16-0024	EA		1 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,068.97	81.25
22 14 29 16-0025	EA		1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,361.23	92.85
22 14 29 16-0026	EA		1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,361.23	92.85
22 14 29 16-0027	EA		2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,746.52	110.27
22 14 29 16-0028	EA		2 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,697.01	110.27

22 14 29 19 Sump-Pump Basins and Pits (22 14 29)

See CSI section 22 13 29 33-0000 for basins and pits.

22 15 General Service Compressed-Air Systems (22 10)

22 15 13 General Service Compressed-Air Piping (22 15)

See CSI section 22 11 16 00-0013 for threaded galvanized steel pipe, 23 21 13 23-0001 for threaded black steel pipe.

22 15 13 00-0001			Quick Disconnect, Air-Service (22 15 13)		
22 15 13 00-0002			Combination Steel And Brass (22 15 13 00-0001)		
22 15 13 00-0003	EA		1/2" Combination Steel And Brass Disconnect Valve, Single Seated With Arm Ball And Bracket.....	54.96	16.25
22 15 13 00-0004	EA		3/4" Combination Steel And Brass Disconnect Valve, Single Seated With Arm Ball And Bracket.....	61.19	19.73
22 15 13 00-0005			Refrigerated Air Dryers With Ambient Air Filters (22 15 13)		
			Note: 120 Voltage, 1 Phase		
22 15 13 00-0006	EA		3 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	786.13	92.59
22 15 13 00-0007	EA		5 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	900.16	95.17
22 15 13 00-0008	EA		7.5 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	1,062.06	97.74
22 15 13 00-0009	EA		10 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	1,196.24	102.88

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 13 00-0010	EA			15 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,560.31	115.74
22 15 13 00-0011	EA			20 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,764.12	131.69
22 15 13 00-0012	EA			25 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,978.88	149.18
22 15 13 00-0013	EA			30 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	2,326.87	167.18
22 15 13 00-0014	EA			40 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	2,697.11	195.48
22 15 13 00-0015	EA			50 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	3,040.62	208.85
22 15 13 00-0016	EA			60 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	3,574.74	231.49
22 15 13 00-0017	EA			75 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	4,113.16	257.21
				<i>For 230 Voltage, Add</i>	<i>1,079.62</i>	
22 15 13 00-0018	EA			85 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	4,445.24	282.94
				<i>For 230 Voltage, Add</i>	<i>1,163.81</i>	
22 15 13 00-0019	EA			100 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	4,786.27	313.80
				<i>For 230 Voltage, Add</i>	<i>1,248.01</i>	
22 15 13 00-0020	EA			125 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	5,175.42	334.38
				<i>For 230 Voltage, Add</i>	<i>1,352.00</i>	
22 15 13 00-0021	EA			175 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	5,473.53	347.24
				<i>For 230 Voltage, Add</i>	<i>1,433.72</i>	
22 15 13 00-0022	EA			200 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	9,510.70	360.10
				<i>For 230 Voltage, Add</i>	<i>2,637.15</i>	
22 15 13 00-0023	EA			250 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	10,221.50	372.96
				<i>For 230 Voltage, Add</i>	<i>2,842.68</i>	
22 15 13 00-0024	EA			300 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	10,912.50	385.82
				<i>For 230 Voltage, Add</i>	<i>3,042.26</i>	
22 15 13 00-0025	EA			400 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	12,969.67	411.54
				<i>For 230 Voltage, Add</i>	<i>3,643.98</i>	
22 15 13 00-0026	EA			500 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	14,705.72	514.42
				<i>For 230 Voltage, Add</i>	<i>4,103.06</i>	
22 15 13 00-0027	EA			600 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	20,928.65	617.30
				<i>For 230 Voltage, Add</i>	<i>5,908.21</i>	
22 15 13 00-0028	EA			800 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	28,430.96	720.19
				<i>For 230 Voltage, Add</i>	<i>8,097.17</i>	
22 15 13 00-0029	EA			1,000 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	31,831.03	823.08
				<i>For 230 Voltage, Add</i>	<i>9,055.46</i>	
22 15 13 00-0030				Oil And Water Separator For Air Compressor (22 15 13)		
22 15 13 00-0031	EA			0-60 SCFM Oil/Water Separator	708.13	37.16
22 15 13 00-0032	EA			85 SCFM Oil/Water Separator	948.81	43.54
22 15 13 00-0033	EA			190 SCFM Oil/Water Separator	1,108.99	49.35
22 15 13 00-0034	EA			245 SCFM Oil/Water Separator	1,392.19	58.06
22 15 13 00-0035	EA			320 SCFM Oil/Water Separator	1,654.78	69.67
22 15 13 00-0036	EA			700 SCFM Oil/Water Separator	3,336.03	145.15
22 15 13 00-0037				Heavy Duty Industrial Pressure Regulator (22 15 13)		
22 15 13 00-0038	EA			3/8" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	122.81	30.86
22 15 13 00-0039	EA			1/2" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	171.45	41.15
22 15 13 00-0040	EA			3/4" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	292.39	51.44
22 15 13 00-0041	EA			1" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	366.94	77.16
22 15 13 00-0042	EA			1-1/4" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	512.41	90.02
22 15 13 00-0043	EA			1-1/2" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	538.13	102.88
22 15 13 00-0044				Combination Air System; Filter Regulator Lubricator (22 15 13)		
22 15 13 00-0045	EA			3/8" Filter Regulator Lubricator, Max 150 PSI Input, 150 CFM, 40 Micron Filter	465.81	92.59
22 15 13 00-0046	EA			1/2" Filter Regulator Lubricator, Max 150 PSI Input, 150 CFM, 40 Micron Filter	577.07	123.46
22 15 13 00-0047				Heatless Desiccant Air Dryers (22 15 13)		
22 15 13 00-0048	EA			5 SCFM Heatless Desiccant Air Dryer	2,731.88	92.59
22 15 13 00-0049	EA			10 SCFM Heatless Desiccant Air Dryer	3,284.50	102.88
22 15 13 00-0050	EA			15 SCFM Heatless Desiccant Air Dryer	3,316.64	113.17
22 15 13 00-0051	EA			20 SCFM Heatless Desiccant Air Dryer	3,788.33	128.60
22 15 13 00-0052	EA			30 SCFM Heatless Desiccant Air Dryer	5,218.14	154.32
22 15 13 00-0053	EA			50 SCFM Heatless Desiccant Air Dryer	5,154.29	205.76
22 15 13 00-0054	EA			85 SCFM Heatless Desiccant Air Dryer	6,922.83	257.21
22 15 13 00-0055	EA			100 SCFM Heatless Desiccant Air Dryer	7,347.28	308.66
22 15 13 00-0056	EA			125 SCFM Heatless Desiccant Air Dryer	8,411.60	360.10
22 15 13 00-0057	EA			175 SCFM Heatless Desiccant Air Dryer	9,658.99	411.54
22 15 13 00-0058	EA			200 SCFM Heatless Desiccant Air Dryer	10,380.09	462.98
22 15 13 00-0059	EA			300 SCFM Heatless Desiccant Air Dryer	12,691.74	514.42
22 15 13 00-0060	EA			400 SCFM Heatless Desiccant Air Dryer	14,099.29	617.30
22 15 13 00-0061	EA			500 SCFM Heatless Desiccant Air Dryer	16,295.93	720.19
22 15 13 00-0062	EA			600 SCFM Heatless Desiccant Air Dryer	18,802.91	823.08
22 15 13 00-0063				Air Cooled Aftercoolers (22 15 13)		
22 15 13 00-0064	EA			20 SCFM Air-Cooled Aftercooler	689.90	64.30
22 15 13 00-0065	EA			35 SCFM Air-Cooled Aftercooler	931.86	77.16
22 15 13 00-0066	EA			43 SCFM Air-Cooled Aftercooler	1,023.60	90.02
22 15 13 00-0067	EA			70 SCFM Air-Cooled Aftercooler	1,250.72	102.88
22 15 13 00-0068	EA			125 SCFM Air-Cooled Aftercooler	1,741.96	115.74
22 15 13 00-0069	EA			185 SCFM Air-Cooled Aftercooler	1,955.88	128.60
22 15 13 00-0070	EA			260 SCFM Air-Cooled Aftercooler	3,785.91	154.32
22 15 13 00-0071	EA			365 SCFM Air-Cooled Aftercooler	3,958.18	180.04

22 Plumbing

22 10 Plumbing Piping

22 15 General Service Compressed-Air Systems

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

22 15 13 00-0072	EA	560 SCFM Air-Cooled Aftercooler	4,129.14	205.76
22 15 13 00-0073	EA	650 SCFM Air-Cooled Aftercooler	4,842.22	231.49
22 15 13 00-0074	EA	750 SCFM Air-Cooled Aftercooler	5,293.82	257.21
22 15 13 00-0075	EA	900 SCFM Air-Cooled Aftercooler	6,070.29	282.94
22 15 13 00-0076	EA	1,100 SCFM Air-Cooled Aftercooler	7,792.34	308.66
22 15 13 00-0077	EA	1,460 SCFM Air-Cooled Aftercooler	8,912.84	334.38
22 15 13 00-0078	EA	1,800 SCFM Air-Cooled Aftercooler	9,203.65	360.10
22 15 13 00-0079	EA	2,500 SCFM Air-Cooled Aftercooler	9,869.20	385.82

22 15 13 00-0080 Compressed Air Coalescing Filters (22 15 13)

22 15 13 00-0081 1.0 Micron Filter Rated Compressed Air Coalescing Filters (22 15 13 00-0080)

22 15 13 00-0082	EA	10 SCFM, 3/8", Coalescing Filter, 1.0 Micron Filter Rating.....	240.56	37.74
22 15 13 00-0083	EA	20 SCFM, 3/8", Coalescing Filter, 1.0 Micron Filter Rating.....	286.78	37.74
22 15 13 00-0084	EA	50 SCFM, 1/2", Coalescing Filter, 1.0 Micron Filter Rating.....	313.25	43.54
22 15 13 00-0085	EA	75 SCFM, 3/4", Coalescing Filter, 1.0 Micron Filter Rating.....	360.69	49.93
22 15 13 00-0086	EA	100 SCFM, 3/4", Coalescing Filter, 1.0 Micron Filter Rating.....	420.67	55.16
22 15 13 00-0087	EA	140 SCFM, 1", Coalescing Filter, 1.0 Micron Filter Rating.....	476.90	66.77
22 15 13 00-0088	EA	175 SCFM, 1-1/4" Coalescing Filter, 1.0 Micron Filter Rating.....	588.48	72.57
22 15 13 00-0089	EA	250 SCFM, 1-1/2" Coalescing Filter, 1.0 Micron Filter Rating.....	623.20	87.09
22 15 13 00-0090	EA	280 SCFM, 2" Coalescing Filter, 1.0 Micron Filter Rating.....	800.12	116.12
22 15 13 00-0091	EA	350 SCFM, 2" Coalescing Filter, 1.0 Micron Filter Rating.....	914.99	130.63

22 15 13 00-0092 0.01 Micron Filter Rated Compressed Air Coalescing Filters (22 15 13 00-0080)

22 15 13 00-0093	EA	16 SCFM, 3/8" Coalescing Filter, 0.01 Micron Filter Rating.....	293.40	37.74
22 15 13 00-0094	EA	30 SCFM, 1/2" Coalescing Filter, 0.01 Micron Filter Rating.....	318.18	43.54
22 15 13 00-0095	EA	60 SCFM, 3/4" Coalescing Filter, 0.01 Micron Filter Rating.....	365.31	49.93
22 15 13 00-0096	EA	100 SCFM, 1" Coalescing Filter, 0.01 Micron Filter Rating.....	429.91	49.35
22 15 13 00-0097	EA	140 SCFM, 1-1/4" Coalescing Filter, 0.01 Micron Filter Rating.....	487.46	66.77
22 15 13 00-0098	EA	180 SCFM, 1-1/4" Coalescing Filter, 0.01 Micron Filter Rating.....	552.90	72.57
22 15 13 00-0099	EA	250 SCFM, 1-1/2" Coalescing Filter, 0.01 Micron Filter Rating.....	635.08	87.09
22 15 13 00-0100	EA	280 SCFM, 2" Coalescing Filter, 0.01 Micron Filter Rating.....	819.92	116.12
22 15 13 00-0101	EA	350 SCFM, 2" Coalescing Filter, 0.01 Micron Filter Rating.....	941.40	130.63

22 15 13 00-0102 Compressed Air Storage Tanks (22 15 13)

22 15 13 00-0103 Horizontal Compressed Air Storage Tanks (22 15 13 00-0102)

22 15 13 00-0104	EA	12 Gallon Horizontal Compressed Air Storage Tank, ASME	395.72	82.31
22 15 13 00-0105	EA	15 Gallon Horizontal Compressed Air Storage Tank, ASME	737.24	90.02
22 15 13 00-0106	EA	20 Gallon Horizontal Compressed Air Storage Tank, ASME	781.32	94.65
22 15 13 00-0107	EA	30 Gallon Horizontal Compressed Air Storage Tank, ASME	892.16	102.88
22 15 13 00-0108	EA	60 Gallon Horizontal Compressed Air Storage Tank, ASME	1,163.39	138.89
22 15 13 00-0109	EA	80 Gallon Horizontal Compressed Air Storage Tank, ASME	1,408.08	154.32
22 15 13 00-0110	EA	120 Gallon Horizontal Compressed Air Storage Tank, ASME	2,126.08	180.04
22 15 13 00-0111	EA	200 Gallon Horizontal Compressed Air Storage Tank, ASME	3,187.44	205.76
22 15 13 00-0112	EA	240 Gallon Horizontal Compressed Air Storage Tank, ASME	3,556.56	218.62
22 15 13 00-0113	EA	325 Gallon Horizontal Compressed Air Storage Tank, ASME	5,164.35	231.49
22 15 13 00-0114	EA	400 Gallon Horizontal Compressed Air Storage Tank, ASME	6,813.50	270.08
22 15 13 00-0115	EA	660 Gallon Horizontal Compressed Air Storage Tank, ASME	9,819.41	321.52

22 15 13 00-0116 Vertical Compressed Air Storage Tanks (22 15 13 00-0102)

22 15 13 00-0117	EA	10 Gallon Vertical Compressed Air Storage Tank, ASME	686.99	82.31
22 15 13 00-0118	EA	15 Gallon Vertical Compressed Air Storage Tank, ASME	719.83	90.02
22 15 13 00-0119	EA	20 Gallon Vertical Compressed Air Storage Tank, ASME	781.32	94.65
22 15 13 00-0120	EA	30 Gallon Vertical Compressed Air Storage Tank, ASME	926.64	102.88
22 15 13 00-0121	EA	60 Gallon Vertical Compressed Air Storage Tank, ASME	1,266.82	138.89
22 15 13 00-0122	EA	80 Gallon Vertical Compressed Air Storage Tank, ASME	1,457.88	154.32
22 15 13 00-0123	EA	120 Gallon Vertical Compressed Air Storage Tank, ASME	2,017.77	180.04
22 15 13 00-0124	EA	200 Gallon Vertical Compressed Air Storage Tank, ASME	2,964.21	205.76
22 15 13 00-0125	EA	240 Gallon Vertical Compressed Air Storage Tank, ASME	3,272.02	218.62
22 15 13 00-0126	EA	325 Gallon Vertical Compressed Air Storage Tank, ASME	4,467.86	231.49
22 15 13 00-0127	EA	400 Gallon Vertical Compressed Air Storage Tank, ASME	5,732.55	270.08
22 15 13 00-0128	EA	500 Gallon Vertical Compressed Air Storage Tank, ASME	7,490.41	295.80
22 15 13 00-0129	EA	660 Gallon Vertical Compressed Air Storage Tank, ASME	12,491.83	334.38

22 15 19 General Service Packaged Air Compressors and Receivers (22 15)

Note: Includes V-belt drive, receiver, motor, starter mounted and wired. Excludes piping, pressure reducing valve station, or air dryer.

22 15 19 13 General Service Packaged Reciprocating Air Compressors (22 15 19)

22 15 19 13-0001 Single Stage Compressor (22 15 19 13)

Note: Includes receiver, reciprocating air cooled, 140 PSIG working pressure, splash lubricated, tank mounted.

22 15 19 13-0002	EA	1/2 HP 1-Stage Air Compressor, 1.5 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	2,971.82	365.03
22 15 19 13-0003	EA	3/4 HP 1-Stage Air Compressor, 2.0 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	3,103.97	421.31
22 15 19 13-0004	EA	1 HP 1-Stage Air Compressor, 2.5 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	3,541.68	497.55
22 15 19 13-0005	EA	2 HP 1-Stage Air Compressor, Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	4,035.38	548.99
22 15 19 13-0006	EA	3 HP 1-Stage Air Compressor, Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	4,938.46	579.85
22 15 19 13-0007	EA	3 HP 1-Stage Air Compressor, Air Cooled With 60 Gallon Receiver, 140 PSIG Working Pressure	5,277.03	600.44
22 15 19 13-0008	EA	5 HP 1-Stage Air Compressor, Air Cooled With 60 Gallon Receiver, 140 PSIG Working Pressure	5,925.54	686.24
22 15 19 13-0009	EA	5 HP 1-Stage Air Compressor, Air Cooled With 80 Gallon Receiver, 140 PSIG Working Pressure	6,355.95	727.40

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 15 19 13-0010	EA		7.5 HP 1-Stage Air Compressor, Air Cooled With 80 Gallon Receiver, 140 PSIG Working Pressure	7,627.24	823.49
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22 15 19 13-0011 Two Stage Compressor (22 15 19 13)

Note: With receiver, reciprocating air cooled, discharge pressure 80-200 PSIG, receiver capacity as noted, splash lubricated, tank mounted.

22 15 19 13-0012	EA	1-1/2 HP 2-Stage Air Compressor, 60 Gallon Receiver, 5.0 ACFM, 80-200 PSIG Discharge Pressure		5,683.68	641.59
22 15 19 13-0013	EA	2 HP 2-Stage Air Compressor, 60 Gallon Receiver, 7.0 ACFM, 80-200 PSIG Discharge Pressure		6,099.98	754.86
22 15 19 13-0014	EA	3 HP 2-Stage Air Compressor, 60 Gallon Receiver, 12 ACFM, 80-200 PSIG Discharge Pressure		6,375.21	823.49
22 15 19 13-0015	EA	5 HP 2-Stage Air Compressor, 80 Gallon Receiver, 15 ACFM, 80-200 PSIG Discharge Pressure		7,275.35	1,097.98
22 15 19 13-0016	EA	5 HP 2-Stage Air Compressor, 120 Gallon Receiver, 16.5 ACFM, 80-200 PSI Max Discharge Pressure		7,845.66	1,097.98
22 15 19 13-0017	EA	7.5 HP 2-Stage Air Compressor, 80 Gallon Receiver, 19.8 ACFM, 80-200 PSIG Discharge Pressure		8,418.62	1,372.48
22 15 19 13-0018	EA	7.5 HP 2-Stage Air Compressor, 120 Gallon Receiver, 25.6 ACFM, 80-200 PSI Max Discharge Pressure		8,935.88	1,372.48
22 15 19 13-0019	EA	10 HP 2-Stage Air Compressor, 80 Gallon Receiver, 35.0 ACFM, 80-200 PSI Max Discharge Pressure		11,458.32	1,697.59
22 15 19 13-0020	EA	10 HP 2-Stage Air Compressor, 120 Gallon Receiver, 38 ACFM, 80-200 PSIG Discharge Pressure		12,292.82	1,749.03
22 15 19 13-0021	EA	15 HP 2-Stage Air Compressor, 120 Gallon Receiver, 50 ACFM, 80-200 PSIG Discharge Pressure		13,279.80	2,044.10
22 15 19 13-0022	EA	20 HP 2-Stage Air Compressor, 120 Gallon Receiver, 70 ACFM, 80-200 PSIG Discharge Pressure		20,039.91	2,313.87
22 15 19 13-0023	EA	25 HP 2-Stage Air Compressor, 120 Gallon Receiver, 84.4 ACFM, 175 PSI Max Discharge Pressure		21,523.54	2,614.59
22 15 19 13-0024	EA	30 HP 2-Stage Air Compressor, 120 Gallon Receiver, 97.2 ACFM, 175 PSI Max Discharge Pressure		23,991.22	2,889.71
22 15 19 13-0025	EA	30 HP 2-Stage Air Compressor, 250 Gallon Receiver, 101 ACFM, 175 PSI Max Discharge Pressure		26,099.01	3,166.98

22 15 19 19 General Service Packaged Rotary-Screw Air Compressors (22 15 19)

22 15 19 19-0001 Rotary Screw Air Compressor, Base Mounted Without Receiver (22 15 19 19)

Note: Oil flooded.

22 15 19 19-0002	EA	3 HP, 8.5 SCFM, Rotary Screw Air Compressor With Enclosure, 150 PSIG Max Discharge Pressure, Lubricated		9,717.28	926.62
22 15 19 19-0003	EA	5 HP, 16.6 SCFM, Rotary Screw Air Compressor With Enclosure, 150 PSIG Max Discharge Pressure, Lubricated		10,831.65	1,235.50
22 15 19 19-0004	EA	7.5 HP, 27 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated		13,890.36	1,549.03
22 15 19 19-0005	EA	10 HP, 37 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated		16,053.97	1,974.02
22 15 19 19-0006	EA	15 HP, 56 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated		18,367.27	2,322.37
22 15 19 19-0007	EA	20 HP, 79 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated		22,298.70	2,612.67
22 15 19 19-0008	EA	25 HP, 114 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated		24,434.29	2,902.97
22 15 19 19-0009	EA	30 HP, 137 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated		29,405.56	3,251.32
22 15 19 19-0010	EA	40 HP, 183 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated		32,329.57	3,483.56
22 15 19 19-0011	EA	50 HP, 214 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated		36,301.16	3,754.12
22 15 19 19-0012	EA	60 HP, 256 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated		47,257.04	4,064.16
22 15 19 19-0013	EA	75 HP, 320 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated		52,449.01	4,296.39
22 15 19 19-0014	EA	100 HP, 494 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated		84,338.27	4,644.75
22 15 19 19-0015	EA	125 HP, 592 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated		105,274.72	5,022.13
22 15 19 19-0016	EA	150 HP, 695 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated		122,320.15	5,405.32
22 15 19 19-0017	EA	220 HP, 996 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated		159,244.84	5,805.94
22 15 19 19-0018	EA	250 HP, 1,000 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated		180,955.16	6,177.52

22 15 19 19-0019 Rotary Screw Air Compressor, Base Mounted With Receiver (22 15 19 19)

Note: Includes receiver, motor, starter mounted and wired. Excludes piping, pressure reducing valve station, or air dryer.

22 15 19 19-0020	EA	5 HP, 18.5 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 150 PSIG Max Discharge Pressure, Lubricated		12,123.46	1,235.50
22 15 19 19-0021	EA	5 HP, 18.5 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 150 PSIG Max Discharge Pressure, Lubricated		12,887.41	1,235.50
22 15 19 19-0022	EA	7.5 HP, 28 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated		14,497.80	1,549.03
22 15 19 19-0023	EA	7.5 HP, 28 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated		15,333.37	1,549.03
22 15 19 19-0024	EA	10 HP, 38 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated		16,388.19	1,974.02
22 15 19 19-0025	EA	10 HP, 38 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated		17,271.51	1,974.02
22 15 19 19-0026	EA	15 HP, 55 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated		18,643.14	2,322.37
22 15 19 19-0027	EA	15 HP, 55 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated		19,598.07	2,322.37
22 15 19 19-0028	EA	20 HP, 75 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated		32,357.36	2,612.67
22 15 19 19-0029	EA	25 HP, 102 SCFM, 120 gallon receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated		34,851.05	2,902.97
22 15 19 19-0030	EA	30 HP, 125 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated		37,106.06	3,251.32

22 30 Plumbing Equipment (22)

22 31 Domestic Water Softeners (22 30)

22 31 16 Commercial Domestic Water Softeners (22 31)

22 31 16 00-0001 Commercial Water Softeners (Watts Pure Water) (22 31 16)

22 31 16 00-0002 Commercial Water Softeners (Watts Pure Water) (22 31 16 00-0001)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 31 16 00-0003			1" Pipe Connection, Commercial Water Softeners (Watts Pure Water) ^(22 31 16 00-0002) Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
22 31 16 00-0004	EA		30,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111A11).....	4,955.70	293.94
22 31 16 00-0005	EA		45,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111B11).....	5,180.00	307.29
22 31 16 00-0006	EA		60,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111C11).....	5,595.48	320.66
22 31 16 00-0007	EA		90,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111D11).....	6,454.99	334.02
22 31 16 00-0008	EA		120,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111E11).....	6,883.22	347.38
22 31 16 00-0009			1-1/2" Pipe Connection, Commercial Water Softeners (Watts Pure Water) ^(22 31 16 00-0002) Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
22 31 16 00-0010	EA		60,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121C11).....	7,471.35	320.66
22 31 16 00-0011	EA		90,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121D11).....	7,859.24	334.02
22 31 16 00-0012	EA		120,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121E11).....	8,289.60	347.38
22 31 16 00-0013	EA		150,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121F11).....	9,871.40	360.74
22 31 16 00-0014	EA		210,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121G11).....	10,983.70	374.10
22 31 16 00-0015	EA		300,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121H11).....	13,400.41	387.46
22 31 16 00-0016			2" Pipe Connection, Commercial Water Softeners (Watts Pure Water) ^(22 31 16 00-0002) Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
22 31 16 00-0017	EA		90,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131D11).....	11,407.03	334.02
22 31 16 00-0018	EA		120,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131E11).....	11,822.52	347.38
22 31 16 00-0019	EA		150,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131F11).....	13,408.58	360.74
22 31 16 00-0020	EA		210,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131G11).....	14,520.88	374.10
22 31 16 00-0021	EA		300,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131H11).....	17,069.30	387.46
22 31 16 00-0022	EA		450,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131I11).....	22,557.93	400.83
22 31 16 00-0023	EA		600,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131J11).....	26,410.76	414.18
22 31 16 00-0024			3" Pipe Connection, Commercial Water Softeners (Watts Pure Water) ^(22 31 16 00-0002) Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
22 31 16 00-0025	EA		300,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151H11).....	27,742.43	387.46
22 31 16 00-0026	EA		450,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151I11).....	32,069.00	400.83
22 31 16 00-0027	EA		600,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151J11).....	35,870.84	414.18
22 31 16 00-0028	EA		900,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151K11).....	45,200.43	427.54
22 31 16 00-0029	EA		1050,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151L11).....	50,062.36	440.91
22 31 16 00-0030			Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) ^(22 31 16 00-0001)		
22 31 16 00-0031			2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) ^(22 31 16 00-0030) Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and two fully automatic metered demand control valves.		
22 31 16 00-0032	EA		90,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131D21).....	18,741.05	501.03
22 31 16 00-0033	EA		120,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131E21).....	19,573.54	521.07
22 31 16 00-0034	EA		150,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131F21).....	22,309.52	541.11
22 31 16 00-0035	EA		210,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131G21).....	24,403.94	561.15
22 31 16 00-0036	EA		300,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131H21).....	29,831.57	581.19
22 31 16 00-0037	EA		450,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131I21).....	39,588.80	601.23

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 31 16 00-0038	EA		600,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131J21).....	46,631.00	621.28
22 31 16 00-0039			3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) <small>(22 31 16 00-0030)</small> Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and two fully automatic metered demand control valves.		
22 31 16 00-0040	EA		300,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151H21)	50,999.39	581.19
22 31 16 00-0041	EA		450,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151I21)	58,615.19	601.23
22 31 16 00-0042	EA		600,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151J21).....	65,893.20	621.28
22 31 16 00-0043	EA		900,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151K21)	83,903.85	641.31
22 31 16 00-0044	EA		1,050,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151L21)	93,701.43	661.36
22 31 16 00-0045			Twin Alternating, Commercial Water Softeners (Watts Pure Water) <small>(22 31 16 00-0001)</small>		
22 31 16 00-0046			1" Pipe Connection, Twin Alternating, Commercial Water Softeners (Watts Pure Water) <small>(22 31 16 00-0045)</small> Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
22 31 16 00-0047	EA		30,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161A21)	6,494.55	440.91
22 31 16 00-0048	EA		45,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161B21)	6,929.78	460.95
22 31 16 00-0049	EA		60,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161C21)	7,566.82	480.99
22 31 16 00-0050	EA		90,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161D21)	9,111.01	501.03
22 31 16 00-0051	EA		120,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21)	10,090.09	521.07
22 31 16 00-0052			1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softeners (Watts Pure Water) <small>(22 31 16 00-0045)</small> Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
22 31 16 00-0053	EA		60,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161A21)	12,863.03	480.99
22 31 16 00-0054	EA		90,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161B21)	13,565.94	501.03
22 31 16 00-0055	EA		120,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161C21)	14,608.75	521.07
22 31 16 00-0056	EA		150,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161D21)	16,743.52	541.11
22 31 16 00-0057	EA		210,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21)	18,910.16	561.15
22 31 16 00-0058	EA		300,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21)	23,723.84	581.19

22 32 Domestic Water Filtration Equipment (22 30)

22 32 16 Domestic-Water Freestanding Cartridge Filters (22 32)

22 32 16 00-0001			Commercial Water Filters Housings <small>(22 32 16)</small>		
22 32 16 00-0002			Commercial Multi-Cartridge Stainless Steel Water Filter Housings <small>(22 32 16 00-0001)</small>		
22 32 16 00-0003			Commercial Multi-Cartridge Stainless Steel Water Filter Housings <small>(22 32 16 00-0002)</small>		
22 32 16 00-0004	EA		25 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X1)	2,554.93	188.69
22 32 16 00-0005	EA		30 GPM Max Flow Rate, 5 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS5X1)	2,603.08	203.21
22 32 16 00-0006	EA		60 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X2)	2,770.20	217.72
22 32 16 00-0007	EA		90 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X3)	3,069.02	232.24
22 32 16 00-0008	EA		120 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X4)	3,159.66	246.75
22 32 16 00-0009	EA		150 GPM Max Flow Rate, 5 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS5X4)	3,838.77	261.27
22 32 16 00-0010	EA		250 GPM Max Flow Rate, 12 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS12X3)	10,891.16	275.78
22 32 16 00-0011	EA		300 GPM Max Flow Rate, 12 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS12X4)	12,677.09	290.30
22 32 16 00-0012	EA		500 GPM Max Flow Rate, 22 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS22X3)	16,109.46	304.81
22 32 16 00-0013	EA		600 GPM Max Flow Rate, 22 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS22X4)	17,874.15	319.33

MINOR	CSI	UOM	DESCRIPTION
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TOTAL DIRECT	DEMOLITION
UNIT COST	UNIT COST

22 32 16 00-0014		Commercial Water Filter Cartridges (22 32 16 00-0002)		
22 32 16 00-0015		(Depth) Water Filter Cartridges (22 32 16 00-0014)		
22 32 16 00-0016	EA	50 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M50)	12.61	2.33
22 32 16 00-0017	EA	20 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M20)	12.61	2.33
22 32 16 00-0018	EA	10 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M10)	12.61	2.33
22 32 16 00-0019	EA	5 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M5)	10.48	2.33
22 32 16 00-0020	EA	1 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M1)	13.14	2.33
22 32 16 00-0021	EA	50 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M50)	13.14	2.33
22 32 16 00-0022	EA	20 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M20)	14.20	2.33
22 32 16 00-0023	EA	5 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M5)	17.92	2.33
22 32 16 00-0024	EA	1 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M1)	14.20	2.33
22 32 16 00-0025	EA	50 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M50)	16.86	2.33
22 32 16 00-0026	EA	20 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M20)	16.86	2.33
22 32 16 00-0027	EA	5 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M5)	16.86	2.33
22 32 16 00-0028	EA	1 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M1)	18.45	2.33
22 32 16 00-0029	EA	50 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M50)	24.29	2.33
22 32 16 00-0030	EA	20 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M20)	22.17	2.33
22 32 16 00-0031	EA	5 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M5)	22.17	2.33
22 32 16 00-0032	EA	1 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M1)	24.29	2.33
22 32 16 00-0033		Pleated Water Filter Cartridges (22 32 16 00-0014)		
22 32 16 00-0034	EA	50 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M50)	22.70	2.33
22 32 16 00-0035	EA	20 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M20)	22.70	2.33
22 32 16 00-0036	EA	5 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M5)	23.23	2.33
22 32 16 00-0037	EA	1 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M1)	24.82	2.33
22 32 16 00-0038	EA	1 Micron Absolute, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M1AB)	37.57	2.33
22 32 16 00-0039	EA	50 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M50)	35.98	2.33
22 32 16 00-0040	EA	20 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M20)	35.98	2.33
22 32 16 00-0041	EA	5 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Big Pure Water PWPL20M5)	35.98	2.33
22 32 16 00-0042	EA	1 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M1)	47.66	2.33
22 32 16 00-0043	EA	1 Micron Absolute, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M1AB)	67.84	2.33
22 32 16 00-0044	EA	50 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M50)	56.69	2.33
22 32 16 00-0045	EA	20 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M20)	79.00	2.33
22 32 16 00-0046	EA	5 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M5)	82.18	2.33
22 32 16 00-0047	EA	1 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M1)	92.80	2.33
22 32 16 00-0048		Commercial Non-Metallic Water Filter Housings (22 32 16 00-0001)		
22 32 16 00-0049		Commercial Non-Metallic Water Filter Housings (22 32 16 00-0048)		
22 32 16 00-0050	EA	150 GPM Max Flow Rate, 1 Cartridge, Commercial Non-Metallic Water Filter Housing (Watts Big Bubba® PWWJCHSG)	2,006.48	174.18
22 32 16 00-0051		Commercial Water Filter Cartridges (22 32 16 00-0048)		
22 32 16 00-0052		Carbon Water Filter Cartridges (22 32 16 00-0051)		
22 32 16 00-0053	EA	Activated 26-1/4" Length, Carbon Water Filter Cartridge (Watts Big Bubba® PWWJCAC5)	666.40	2.33
22 32 16 00-0054		(Depth) Water Filter Cartridges (22 32 16 00-0051)		
22 32 16 00-0055	EA	50 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB50)	137.95	2.33
22 32 16 00-0056	EA	20 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB20)	136.89	2.33
22 32 16 00-0057	EA	5 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB5)	136.89	2.33
22 32 16 00-0058	EA	1 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB1)	157.07	2.33
22 32 16 00-0059		Pleated Water Filter Cartridges (22 32 16 00-0051)		
22 32 16 00-0060	EA	150 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCM150)	365.79	2.33
22 32 16 00-0061	EA	50 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP50)	343.49	2.33
22 32 16 00-0062	EA	20 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP20)	374.29	2.33
22 32 16 00-0063	EA	5 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP5)	392.35	2.33
22 32 16 00-0064	EA	1 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP1)	417.84	2.33
22 32 16 00-0065	EA	1 Absolute, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP1AB)	452.89	2.33

22 33 Electric Domestic Water Heaters (22 30)

22 33 13 Instantaneous Electric Domestic Water Heaters (22 33)

22 33 13 13 Flow-Control, Instantaneous Electric Domestic Water Heaters (22 33 13)

22 33 13 13-0001 Flow Controlled, Instantaneous, Tankless, Electric Domestic Water Heaters

22 33 13 13-0002	EA	3 To 10 KW Flow Controlled, Instantaneous, Tankless, Electric Domestic Water Heater (Eemax EX3012, EX48, EX65, EX75, EX95)	773.94	58.04
22 33 13 13-0003	EA	7.2 KW, 0.75 GPM, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch RP7P)	593.25	58.04

22 33 13 16 Thermostat-Control, Instantaneous Electric Domestic Water Heaters (22 33 13)

22 33 13 16-0001 Thermostat Controlled, Instantaneous, Tankless, Electric Domestic Water Heaters (22 33 13 16)

Note: Temperature rise decreases with increased flow rate.

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 33 13 16-0002	EA			3 To 10 KW Thermostat-Control, Instantaneous, Tankless, Electric Domestic Water Heater (Eemax EX3012T, EX48T, EX65T, EX75T, EX95T, EX012240T).....	1,014.33	87.05
22 33 13 16-0003	EA			12 KW, 2.0 GPM, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE12).....	749.45	116.07
22 33 13 16-0004	EA			17.25 KW, 2.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE115).....	1,268.68	203.13
22 33 13 16-0005	EA			26.85 KW, 4.0 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE125).....	1,930.38	232.14
22 33 13 16-0006	EA			12 KW, 1.6 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 12 Plus).....	2,136.40	116.07
22 33 13 16-0007	EA			14.4 KW, 2.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 15 Plus).....	2,898.24	174.11
22 33 13 16-0008	EA			19.2 KW, 2.8 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 20 Plus).....	3,139.06	232.14
22 33 13 16-0009	EA			24 KW, 3.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 24 Plus).....	3,271.15	232.14
22 33 13 16-0010	EA			28.8 KW, 4.5 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 29 Plus).....	3,395.90	232.14
22 33 13 16-0011	EA			36 KW, 4.5 GPM At 55 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 36 Plus).....	3,579.36	232.14

22 33 30 Residential, Electric Domestic Water Heaters (22 33)

22 33 30 13 Residential, Small-Capacity Electric Domestic Water Heaters (22 33 30)

22 33 30 13-0001 Small-Capacity, Electric Domestic Water Heaters (A.O. Smith ProMax) (22 33 30)

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Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.

22 33 30 13-0002	EA			2 Gallon, Small-Capacity, Electric Domestic Water Heater	1,334.07	182.82
22 33 30 13-0003	EA			10 Gallon, Small-Capacity, Electric Domestic Water Heater	1,680.16	194.42
22 33 30 13-0004	EA			20 Gallon, Small-Capacity, Electric Domestic Water Heater	2,020.45	203.13

22 33 30 16 Residential, Storage Electric Domestic Water Heaters (22 33 30)

22 33 30 16-0001 Electric Domestic Water Heaters (A.O. Smith ProMax) (22 33 30 16)

Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.

22 33 30 16-0002	EA			30 Gallon, Electric Domestic Water Heater	2,178.26	203.13
22 33 30 16-0003	EA			40 Gallon, Electric Domestic Water Heater	2,023.99	208.93
22 33 30 16-0004	EA			50 Gallon, Electric Domestic Water Heater	1,979.10	214.74
22 33 30 16-0005	EA			55 Gallon, Electric Domestic Water Heater	2,240.17	217.64
22 33 30 16-0006	EA			66 Gallon, Electric Domestic Water Heater	3,384.89	223.43
22 33 30 16-0007	EA			80 Gallon, Electric Domestic Water Heater	3,442.66	232.14
22 33 30 16-0008	EA			120 Gallon, Electric Domestic Water Heater	4,666.95	246.65

22 33 30 16-0009 Low-Boy, Electric Domestic Water Heaters (A.O. Smith ProMax) (22 33 30 16)

Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.

22 33 30 16-0010	EA			30 Gallon, Low-Boy, Electric Domestic Water Heater.....	2,359.48	203.13
22 33 30 16-0011	EA			40 Gallon, Low-Boy, Electric Domestic Water Heater.....	2,225.79	208.93
22 33 30 16-0012	EA			50 Gallon, Low-Boy, Electric Domestic Water Heater.....	2,366.55	214.74

22 33 30 16-0013 High Efficiency, Electric Domestic Water Heaters (A.O. Smith Conservationist) (22 33 30 16)

Note: Includes .95 energy factor glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.

22 33 30 16-0014	EA			40 Gallon, High Efficiency, Electric Domestic Water Heater.....	2,437.48	208.93
22 33 30 16-0015	EA			50 Gallon, High Efficiency, Electric Domestic Water Heater.....	2,681.36	214.74
22 33 30 16-0016	EA			66 Gallon, High Efficiency, Electric Domestic Water Heater.....	3,356.44	223.43
22 33 30 16-0017	EA			80 Gallon, High Efficiency, Electric Domestic Water Heater.....	3,664.44	232.14

22 33 30 16-0018 Water Heater Accessories (22 33 30 16)

22 33 30 16-0019	EA			2 Gallon, Expansion Pressure Tank For Water Heaters.....	192.93	11.61
22 33 30 16-0020	EA			4.4 Gallon, Expansion Pressure Tank For Water Heaters	230.79	11.61
22 33 30 16-0021	EA			7.6 Gallon, Expansion Pressure Tank For Water Heaters	464.72	11.61
22 33 30 16-0022	EA			14 Gallon, Expansion Pressure Tank For Water Heaters.....	629.35	11.61
22 33 30 16-0023	EA			20" Diameter, 3" Deep, Aluminum Water Heater Drain Pan	73.04	8.71
22 33 30 16-0024	EA			22" Diameter, 2-1/2" Deep, Aluminum Water Heater Drain Pan	79.75	8.71
22 33 30 16-0025	EA			24" Diameter, 3" Deep, Aluminum Water Heater Drain Pan	84.22	8.71
22 33 30 16-0026	EA			26" Diameter, 2-1/2" Deep, Aluminum Water Heater Drain Pan	99.86	8.71
22 33 30 16-0027	EA			22" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	39.42	8.71
22 33 30 16-0028	EA			24" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	42.99	8.71
22 33 30 16-0029	EA			26" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	48.02	8.71
22 33 30 16-0030	EA			28" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	54.49	8.71

22 33 30 23 Residential, Collector-To-Tank, Solar-Electric Domestic Water Heaters (22 33 30)

22 33 30 23-0001 Solar Electric Domestic Water Heaters (A.O. Smith CIRREX) (22 33 30 23)

Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.

22 33 30 23-0002	EA			80 Gallon, Solar Electric Domestic Water Heater	5,865.21	232.14
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22 Plumbing

22 30 Plumbing Equipment

22 33 Electric Domestic Water Heaters

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

22 33 30 23-0003	EA	120 Gallon, Solar Electric Domestic Water Heater	7,074.21	246.65
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22 33 33 Light-Commercial Electric Domestic Water Heaters (22 33)

22 33 33 00-0001 Heavy Duty Electric Commercial Water Heaters (A.O. Smith DSE) (22 33 33)

Note: Includes glass lined tank, ASME tank construction, drain valve, and temperature and pressure relief valve.

22 33 33 00-0002	EA	3 KW, 5 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-5-3)	5,420.99	203.13
22 33 33 00-0003	EA	3 KW, 10 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-10-3)	5,632.14	203.13
22 33 33 00-0004	EA	6 KW, 10 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-10-6)	5,860.89	203.13
22 33 33 00-0005	EA	3 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-3)	5,918.93	232.14
22 33 33 00-0006	EA	6 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-6)	6,182.87	232.14
22 33 33 00-0007	EA	9 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-9)	6,605.17	232.14
22 33 33 00-0008	EA	12 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-12)	6,886.71	232.14
22 33 33 00-0009	EA	15 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-15)	7,115.45	232.14
22 33 33 00-0010	EA	18 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-18)	7,361.79	232.14
22 33 33 00-0011	EA	6 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-6)	6,446.81	232.14
22 33 33 00-0012	EA	9 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-9)	6,693.15	232.14
22 33 33 00-0013	EA	12 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-12)	6,974.69	232.14
22 33 33 00-0014	EA	15 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-15)	7,203.43	232.14
22 33 33 00-0015	EA	18 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-18)	7,449.77	232.14
22 33 33 00-0016	EA	24 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-24)	9,262.15	232.14
22 33 33 00-0017	EA	9 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-9)	7,037.97	290.18
22 33 33 00-0018	EA	12 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-12)	7,266.71	290.18
22 33 33 00-0019	EA	15 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-15)	7,548.25	290.18
22 33 33 00-0020	EA	18 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-18)	7,794.59	290.18
22 33 33 00-0021	EA	24 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-24)	9,624.56	290.18
22 33 33 00-0022	EA	30 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-30)	10,469.17	290.18
22 33 33 00-0023	EA	36 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-36)	11,296.18	290.18
22 33 33 00-0024	EA	9 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-9)	8,139.41	348.22
22 33 33 00-0025	EA	12 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-12)	8,368.15	348.22
22 33 33 00-0026	EA	15 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-15)	8,596.90	348.22
22 33 33 00-0027	EA	18 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-18)	8,843.24	348.22
22 33 33 00-0028	EA	24 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-24)	10,726.01	348.22
22 33 33 00-0029	EA	30 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-30)	11,570.61	348.22
22 33 33 00-0030	EA	36 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-36)	12,397.62	348.22
22 33 33 00-0031	EA	45 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-45)	13,893.27	348.22
22 33 33 00-0032	EA	54 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-54)	14,561.91	348.22
22 33 33 00-0033	EA	60 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-60)	16,884.57	348.22
22 33 33 00-0034	EA	75 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-75)	19,875.87	348.22
22 33 33 00-0035	EA	90 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-90)	24,908.30	348.22
22 33 33 00-0036	EA	9 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-9)	9,180.97	464.29
22 33 33 00-0037	EA	12 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-12)	9,444.91	464.29
22 33 33 00-0038	EA	15 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-15)	9,691.25	464.29
22 33 33 00-0039	EA	18 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-18)	9,902.40	464.29
22 33 33 00-0040	EA	24 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-24)	11,767.57	464.29
22 33 33 00-0041	EA	30 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-30)	12,612.17	464.29
22 33 33 00-0042	EA	36 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-36)	13,421.58	464.29
22 33 33 00-0043	EA	45 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-45)	14,952.42	464.29
22 33 33 00-0044	EA	54 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-54)	15,603.47	464.29
22 33 33 00-0045	EA	60 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-60)	17,943.73	464.29
22 33 33 00-0046	EA	75 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-75)	20,952.63	464.29
22 33 33 00-0047	EA	90 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-90)	25,967.46	464.29
22 33 33 00-0048	EA	12 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-12)	10,264.81	522.32
22 33 33 00-0049	EA	15 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-15)	10,511.16	522.32
22 33 33 00-0050	EA	18 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-18)	10,722.31	522.32
22 33 33 00-0051	EA	24 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-24)	12,605.07	522.32
22 33 33 00-0052	EA	30 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-30)	13,361.69	522.32
22 33 33 00-0053	EA	36 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-36)	14,241.49	522.32
22 33 33 00-0054	EA	45 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-45)	15,772.33	522.32
22 33 33 00-0055	EA	54 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-54)	16,440.97	522.32
22 33 33 00-0056	EA	60 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-60)	18,640.46	522.32
22 33 33 00-0057	EA	75 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-75)	21,772.53	522.32
22 33 33 00-0058	EA	90 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-90)	26,787.36	522.32
22 33 33 00-0059	EA	15 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-15)	11,542.21	580.36
22 33 33 00-0060	EA	18 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-18)	11,823.75	580.36
22 33 33 00-0061	EA	24 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-24)	13,653.72	580.36
22 33 33 00-0062	EA	30 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-30)	14,498.32	580.36
22 33 33 00-0063	EA	36 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-36)	15,325.33	580.36
22 33 33 00-0064	EA	45 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-45)	16,820.98	580.36
22 33 33 00-0065	EA	54 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-54)	17,507.22	580.36
22 33 33 00-0066	EA	60 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-60)	19,812.29	580.36
22 33 33 00-0067	EA	75 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-75)	22,803.59	580.36
22 33 33 00-0068	EA	90 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-90)	27,853.61	580.36
22 33 33 00-0069	EA	15 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-15)	12,407.82	696.43
22 33 33 00-0070	EA	18 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-18)	12,654.16	696.43
22 33 33 00-0071	EA	24 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-24)	14,484.13	696.43
22 33 33 00-0072	EA	30 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-30)	15,293.54	696.43
22 33 33 00-0073	EA	36 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-36)	16,155.74	696.43
22 33 33 00-0074	EA	45 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-45)	17,651.39	696.43
22 33 33 00-0075	EA	54 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-54)	18,284.85	696.43
22 33 33 00-0076	EA	60 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-60)	20,660.29	696.43
22 33 33 00-0077	EA	75 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-75)	23,669.19	696.43
22 33 33 00-0078	EA	90 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-90)	28,666.43	696.43

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 33 33 00-0079	Standard Duty Electric Commercial Water Heaters (A.O. Smith DEL And DEN) <small>(22 33 33)</small> Note: Includes glass lined tank, drain valve, and temperature and pressure relief valve.		
22 33 33 00-0080	EA Up To 2.5 KW, 6 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-6S).....	1,497.11	203.13
22 33 33 00-0081	EA Up To 6 KW, 10 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-10S).....	1,607.96	203.13
22 33 33 00-0082	EA Up To 6 KW, 20 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-20S).....	1,748.70	232.14
22 33 33 00-0083	EA Up To 12 KW, 30 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-30D).....	3,015.61	232.14
22 33 33 00-0084	EA Up To 12 KW, 40 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-40D).....	3,483.60	290.18
22 33 33 00-0085	EA Up To 12 KW, 50 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-50D).....	3,863.60	348.22
22 33 33 00-0086	EA Up To 12 KW, 80 Gallon, Dual Element Standard Upright Electric Commercial Water Heater (DEN-80D).....	4,630.61	522.32

22 33 33 00-0087	Water Heater Accessories <small>(22 33 33)</small>		
22 33 33 00-0088	EA Up To 80 Gallon Water Heater Strap.....	47.54	
	Note: Includes (4) Straps (4) J-Clips (4) Lag Bolts (2) 3/8" Carraige Bolts (2) 3/8" Hex Nuts		
22 33 33 00-0089	EA >80 To 120 Gallon Water Heater Strap.....	69.56	
	Note: Includes (4) Straps (4) J-Clips (4) Lag Bolts (2) 3/8" Carraige Bolts (2) 3/8" Hex Nuts		

22 33 33 00-0090	Removal And Reinstallation Of Water Heater <small>(22 33 33)</small> Note: Includes storage and cleaning.		
22 33 33 00-0091	EA Removal And Reinstallation Of Water Heater Electric, Up To 82 Gallon.....	386.91	
22 33 33 00-0092	EA Removal And Reinstallation Of Water Heater Electric, 83 Gallon To 200 Gallon.....	1,160.72	

22 34 Fuel-Fired Domestic Water Heaters (22 30)

22 34 13 Instantaneous, Tankless, Gas Domestic Water Heaters (22 34)

22 34 13 00-0001	Instantaneous, Tankless, Gas Domestic Water Heaters <small>(22 34 13)</small>		
22 34 13 00-0002	Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heaters <small>(22 34 13 00-0001)</small> Note: Includes vent connection. Excludes vent.		
22 34 13 00-0003	EA 4.2 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-42PVN).....	3,134.11	232.14
22 34 13 00-0004	EA 5.3 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53PVN).....	3,419.61	235.04
22 34 13 00-0005	EA 5.3 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53DVN).....	3,787.19	240.85
22 34 13 00-0006	EA 6.6 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-66DVN).....	4,484.92	246.65
22 34 13 00-0007	EA 7.4 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74PVN).....	5,511.07	261.16
22 34 13 00-0008	EA 7.4 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74DVN).....	5,638.20	261.16

22 34 13 00-0009	Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heaters <small>(22 34 13 00-0001)</small>		
22 34 13 00-0010	EA 5.3 GPM, Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53XN).....	3,413.81	232.14
22 34 13 00-0011	EA 7.4 GPM, Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74XN).....	5,511.07	261.16

22 34 30 Residential Gas Domestic Water Heaters (22 34)

22 34 30 13 Residential, Atmospheric, Gas Domestic Water Heaters (22 34 30)

22 34 30 13-0001	Atmospheric, Gas Domestic Water Heaters (A.O. Smith ProMax) <small>(22 34 30 13)</small> Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 30 13-0002	EA 30 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCV-30).....	2,262.88	223.43
22 34 30 13-0003	EA 40 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCV-40).....	2,205.88	229.24
22 34 30 13-0004	EA 50 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCVX-50).....	3,052.93	235.04
22 34 30 13-0005	EA 65 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCV-65).....	3,327.09	240.85
22 34 30 13-0006	EA 75 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith FCG-75).....	3,661.38	246.65
22 34 30 13-0007	EA 100 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith FCG-100).....	5,591.55	261.16

22 34 30 16 Residential, Direct-Vent, Gas Domestic Water Heaters (22 34 30)

22 34 30 16-0001	Direct-Vent, Gas Domestic Water Heaters (A.O. Smith ProMax) <small>(22 34 30 16)</small> Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 30 16-0002	EA 40 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-40).....	4,444.45	229.24
22 34 30 16-0003	EA 50 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-50).....	5,111.30	235.04
22 34 30 16-0004	EA 75 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-75).....	6,758.50	240.85

22 34 30 19 Residential, Power-Vent, Gas Domestic Water Heaters (22 34 30)

22 34 30 19-0001	Power-Vent, Gas Domestic Water Heaters (A.O. Smith ProMax) <small>(22 34 30 19)</small> Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 30 19-0002	EA 40 Gallon, Power-Vent, Gas Domestic Water Heater (A. O. Smith GPVH-40).....	4,001.91	229.24
22 34 30 19-0003	EA 50 Gallon, Power-Vent, Gas Domestic Water Heater (A. O. Smith GPVH-50).....	4,174.95	235.04

22 34 36 Commercial Gas Domestic Water Heaters (22 34)

22 34 36 13 Commercial, Atmospheric, Gas Domestic Water Heaters (22 34 36)

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 34 36 13-0001		Gas Fired Commercial Water Heaters (A.O. Smith BTR) <small>(22 34 36 13)</small>	
Note: Includes automatic flue damper, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.			
22 34 36 13-0002	EA	120 MBH Input, 71 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-120)	6,557.36 348.22
22 34 36 13-0003	EA	154 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-154)	6,998.25 406.25
22 34 36 13-0004	EA	180 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-180)	8,660.70 464.29
22 34 36 13-0005	EA	199 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-199)	7,488.56 464.29
22 34 36 13-0006	EA	199 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-200)	8,612.82 464.29
22 34 36 13-0007	EA	199 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-200A)	11,490.75 510.72
22 34 36 13-0008	EA	250 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-250)	8,337.58 522.32
22 34 36 13-0009	EA	250 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-250A)	12,376.19 574.56
22 34 36 13-0010	EA	251 MBH Input, 65 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-251)	8,467.48 522.32
22 34 36 13-0011	EA	251 MBH Input, 65 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-251A)	11,804.00 574.56
22 34 36 13-0012	EA	275 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-275)	9,380.06 638.40
22 34 36 13-0013	EA	275 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-275A)	12,909.92 702.23
22 34 36 13-0014	EA	305 MBH Input, 65 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-305)	10,555.35 638.40
22 34 36 13-0015	EA	305 MBH Input, 65 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-305A)	12,987.24 702.23
22 34 36 13-0016	EA	365 MBH Input, 85 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-365)	10,207.56 696.43
22 34 36 13-0017	EA	365 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-365A)	14,336.61 766.08
22 34 36 13-0018	EA	390 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-400)	12,975.63 696.43
22 34 36 13-0019	EA	390 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-400A)	16,996.48 766.08
22 34 36 13-0020	EA	500 MBH Input, 85 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-500)	16,926.87 754.47
22 34 36 13-0021	EA	150 MBH Input, 32 Gallon, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-151)	8,451.85 406.25
22 34 36 13-0022	EA	150 MBH Input, 32 Gallon, ASME Rated Tank, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-151A)	10,141.39 446.88
22 34 36 13-0023	EA	199 MBH Input, 32 Gallon, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-201)	8,784.42 464.29
22 34 36 13-0024	EA	199 MBH Input, 32 Gallon, ASME Rated Tank, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-201A)	10,531.96 510.72
22 34 36 13-0025	EA	Sidewall Power Vent System For BTR-120 through BTR-200	2,126.72 290.18
22 34 36 13-0026	EA	Sidewall Power Vent System For BTR-250 through BTR-500	2,327.76 290.18

22 34 36 13-0027		Removal And Reinstallation Of Water Heater <small>(22 34 36 13)</small>	
Note: Includes storage and cleaning.			
22 34 36 13-0028	EA	Removal And Reinstallation Of Water Heater Gas Fired, Up To 86 Gallon	527.60
22 34 36 13-0029	EA	Removal And Reinstallation Of Water Heater Gas Fired, 87 Gallon To 200 Gallon	1,395.10

22 34 36 19 Commercial, Power-Vent, Gas Domestic Water Heaters (22 34 36)

22 34 36 19-0001		Induced Draft Blower Gas Fired Commercial Water Heaters (A.O. Smith BTN) <small>(22 34 36 19)</small>	
Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.			
22 34 36 19-0002	EA	90 MBH Input, 98 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-100)	5,335.67 348.22
22 34 36 19-0003	EA	120 MBH Input, 71 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-120)	7,639.87 348.22
22 34 36 19-0004	EA	154 MBH Input, 81 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-154)	9,317.85 406.25
22 34 36 19-0005	EA	180 MBH Input, 99 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-180)	9,696.82 464.29
22 34 36 19-0006	EA	199 MBH Input, 99 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-199)	9,743.21 464.29
22 34 36 19-0007	EA	199 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-200)	9,959.71 464.29
22 34 36 19-0008	EA	199 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-200A)	11,691.79 510.72
22 34 36 19-0009	EA	250 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-250)	10,988.18 522.32
22 34 36 19-0010	EA	250 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-250A)	13,520.55 574.56
22 34 36 19-0011	EA	275 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-275)	11,514.15 638.40
22 34 36 19-0012	EA	275 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-275A)	14,116.14 702.23
22 34 36 19-0013	EA	310 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-310)	11,761.58 638.40
22 34 36 19-0014	EA	310 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-310A)	14,270.78 702.23
22 34 36 19-0015	EA	366 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-366)	13,192.13 696.43
22 34 36 19-0016	EA	366 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-366A)	15,511.90 766.08
22 34 36 19-0017	EA	390 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-400)	15,991.19 696.43
22 34 36 19-0018	EA	390 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-400A)	18,450.14 766.08

22 34 36 19-0019		Condensing Gas Fired Commercial Water Heaters (A.O. Smith BTX And BTH) <small>(22 34 36 19)</small>	
Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.			

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 34 36 19-0020	EA		76 MBH Input, 50 Gallon, 90% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTX-80).....	4,129.45	348.22
22 34 36 19-0021	EA		100 MBH Input, 50 Gallon, 90% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTX-100).....	5,552.17	348.22
22 34 36 19-0022	EA		120 MBH Input, 60 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-120).....	6,727.47	348.22
22 34 36 19-0023	EA		120 MBH Input, 60 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-120A).....	9,704.43	383.03
22 34 36 19-0024	EA		150 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-150).....	9,936.43	406.25
22 34 36 19-0025	EA		150 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-150A).....	12,538.38	446.88
22 34 36 19-0026	EA		199 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-199).....	10,083.43	464.29
22 34 36 19-0027	EA		199 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-199A).....	12,913.48	510.72
22 34 36 19-0028	EA		250 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-250).....	11,653.15	522.32
22 34 36 19-0029	EA		250 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-250A).....	14,185.52	574.56
22 34 36 19-0030	EA		300 MBH Input, 119 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-300A).....	18,569.89	702.23
22 34 36 19-0031	EA		399.9 MBH Input, 119 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-400A).....	19,517.18	766.08
22 34 36 19-0032	EA		499.9 MBH Input, 119 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-500A).....	22,459.37	829.91

22 34 36 23 Commercial, High-Efficiency, Gas Domestic Water Heaters (22 34 36)

22 34 36 23-0001 Gas Fired Domestic Hot Water Skid Package (Laars Mighty Therm) (22 34 36 23)
 Note: Includes (2) Laars Mighty Therm boilers, (2) B&G boiler primary pumps (one per boiler), T&P valve, circuit setter, storage tank (sized for 10 minutes buffer based on 50 degree city water supply, and operating set point for the tank at 130 degrees storage), and all necessary accessories for system monitoring such as gauges and thermometers. UL listed and labeled. Excludes piping insulation or seismic calculations.

22 34 36 23-0002	EA		400 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-400).....	91,547.68	1,538.62
22 34 36 23-0003	EA		1,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-1000).....	110,781.84	1,634.79
22 34 36 23-0004	EA		2,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-2000).....	134,710.11	1,730.96
22 34 36 23-0005	EA		3,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-3000).....	161,138.78	1,827.12
22 34 36 23-0006	EA		4,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-4000).....	168,896.67	1,923.29

22 34 36 23-0007 Gas Fired Volume Water Heater (Laars Mighty Therm) (22 34 36 23)

22 34 36 23-0008	EA		200 MBH Gas Fired Volume Water Heater (Laars MT2V0200).....	11,298.37	855.55
22 34 36 23-0009	EA		300 MBH Gas Fired Volume Water Heater (Laars MT2V0300).....	12,251.62	962.50
22 34 36 23-0010	EA		400 MBH Gas Fired Volume Water Heater (Laars MT2V0400).....	14,174.35	1,176.39
22 34 36 23-0011	EA		500 MBH Gas Fired Volume Water Heater (Laars MT2V0500).....	20,737.78	1,283.34
22 34 36 23-0012	EA		750 MBH Gas Fired Volume Water Heater (Laars MT2V0750).....	22,792.56	1,497.22
22 34 36 23-0013	EA		1,000 MBH Gas Fired Volume Water Heater (Laars MT2V1000).....	26,072.13	1,711.11
22 34 36 23-0014	EA		1,250 MBH Gas Fired Volume Water Heater (Laars MT2V1250).....	28,795.17	1,925.00
22 34 36 23-0015	EA		1,500 MBH Gas Fired Volume Water Heater (Laars MT2V1500).....	34,457.34	2,138.89
22 34 36 23-0016	EA		1,750 MBH Gas Fired Volume Water Heater (Laars MT2V1750).....	35,749.81	2,245.83
22 34 36 23-0017	EA		2,000 MBH Gas Fired Volume Water Heater (Laars MT2V2000).....	38,362.54	2,352.77

22 34 36 26 Commercial, Coil-Type, Finned-Tube, Gas Domestic Water Heaters (22 34 36)

22 34 36 26-0001 Laars Rheos+ 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heaters (22 34 36 26)

22 34 36 26-0002	EA		1,200 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+).....	37,757.47	1,625.56
22 34 36 26-0003	EA		1,600 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+).....	53,462.82	1,796.66
22 34 36 26-0004	EA		2,000 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+).....	58,029.93	1,882.22
22 34 36 26-0005	EA		2,400 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+).....	62,848.92	2,053.33

22 34 36 26-0006 Laars Rheos 86% Efficient Gas Fired, Copper Fin Tube LoNox Water Heaters (22 34 36 26)

22 34 36 26-0007	EA		1,200 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos).....	33,435.66	1,625.56
22 34 36 26-0008	EA		1,600 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos).....	36,937.48	1,796.66
22 34 36 26-0009	EA		2,000 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos).....	40,402.23	1,882.22
22 34 36 26-0010	EA		2,400 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos).....	43,894.10	2,053.33

22 34 36 26-0011 Laars Pennant 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heaters (22 34 36 26)

22 34 36 26-0012	EA		200 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant).....	8,494.48	770.00
22 34 36 26-0013	EA		300 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant).....	9,343.01	855.55
22 34 36 26-0014	EA		400 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant).....	10,967.33	1,026.66
22 34 36 26-0015	EA		500 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant).....	15,564.67	1,069.45
22 34 36 26-0016	EA		750 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant).....	17,120.76	1,283.34
22 34 36 26-0017	EA		1,000 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant).....	21,125.67	1,540.00
22 34 36 26-0018	EA		1,250 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant).....	24,046.68	1,625.56
22 34 36 26-0019	EA		1,500 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant).....	26,666.42	1,753.89
22 34 36 26-0020	EA		1,750 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant).....	29,127.98	1,839.45
22 34 36 26-0021	EA		2,000 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant).....	31,285.93	1,882.22

22 Plumbing**22 30 Plumbing Equipment****22 34 Fuel-Fired Domestic Water Heaters**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

		MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
						UNIT COST	UNIT COST
22 34 36 26-0022					Patterson Kelley Thermifloc Sealed Combustion, Gas Fired, Copper Fin Tube Water Heaters (22 34 36 26)		
22 34 36 26-0023	EA				700 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermifloc).....	24,370.16	1,283.34
22 34 36 26-0024	EA				1,000 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermifloc).....	26,849.30	1,540.00
22 34 36 26-0025	EA				1,500 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermifloc).....	32,158.76	1,753.89
22 34 36 26-0026	EA				1,700 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermifloc).....	33,143.63	1,839.45
22 34 36 26-0027	EA				2,000 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermifloc).....	34,677.27	1,882.22
22 34 36 26-0028					Patterson Kelley Modufire Forced Draft, Water, Gas Fired, Copper Fin Tube Water Heaters (22 34 36 26)		
22 34 36 26-0029	EA				1,000 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Modufire).....	29,310.84	1,540.00
22 34 36 26-0030	EA				1,500 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Modufire).....	35,425.07	1,753.89
22 34 36 26-0031	EA				2,000 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Modufire).....	37,599.58	1,882.22
22 34 46					Oil-Fired Domestic Water Heaters (22 34)		
22 34 46 11					Standard-capacity, Oil-Fired Domestic Water Heaters (22 34 46)		
22 34 46 11-0001					Oil-Fired Domestic Water Heaters (Bock) (22 34 46 11) Note: Includes burner, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 46 11-0002	EA				60 MBH, 20 Gallon, Oil-Fired Domestic Water Heater (Bock 20E).....	2,168.13	178.75
22 34 46 11-0003	EA				104 MBH, 32 Gallon, Oil-Fired Domestic Water Heater (Bock 32E).....	2,137.90	178.75
22 34 46 11-0004	EA				104 MBH, 33 Gallon, Oil-Fired Domestic Water Heater (Bock 33ES).....	2,235.03	178.75
22 34 46 11-0005	EA				125 MBH, 40 Gallon, Oil-Fired Domestic Water Heater (Bock 40E).....	2,362.39	183.39
22 34 46 11-0006	EA				140 MBH, 50 Gallon, Oil-Fired Domestic Water Heater (Bock 50ES).....	3,024.59	188.03
22 34 46 11-0007	EA				152 MBH, 50 Gallon, Oil-Fired Domestic Water Heater (Bock 51E).....	2,544.28	188.03
22 34 46 11-0008					Oil Fired Commercial Water Heaters (22 34 46 11) Note: Includes burner, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 46 11-0009	EA				173 MBH, 68 Gallon, Oil-Fired Commercial Water Heater (Bock 71E).....	3,518.73	278.57
22 34 46 11-0010	EA				199 MBH, 67 Gallon, Oil-Fired Commercial Water Heater (Bock 72E).....	4,151.08	278.57
22 34 46 11-0011	EA				242 MBH, 67 Gallon, Oil-Fired Commercial Water Heater (Bock 73E).....	4,175.41	278.57
22 34 46 11-0012	EA				190 MBH, 113 Gallon, Oil-Fired Commercial Water Heater (Bock 120E).....	6,025.41	371.43
22 34 46 11-0013	EA				415 MBH, 91 Gallon, Oil-Fired Commercial Water Heater (Bock 361E).....	8,282.91	464.29
22 34 46 11-0014	EA				623 MBH, 83 Gallon, Oil-Fired Commercial Water Heater (Bock 541E).....	10,454.74	510.72
22 35					Domestic Water Heat Exchangers (22 30)		
22 35 23					Circulating, Domestic Water Heat Exchangers (22 35)		
22 35 23 13					Circulating, Compact Domestic Water Heat Exchangers (22 35 23)		
22 35 23 13-0001					Steam Driven Water Heaters (22 35 23 13)		
22 35 23 13-0002					Constant Flow (22 35 23 13-0001)		
22 35 23 13-0003	EA				30 GPM, 700 LB/Hour Steam Water Heater, Constant Flow.....	6,222.37	580.36
22 35 23 13-0004	EA				90 GPM, 1,250 LB/Hour Steam Water Heater, Constant Flow.....	7,770.04	711.17
22 35 23 13-0005	EA				140 GPM, 2,500 LB/Hour Steam Water Heater, Constant Flow.....	9,958.77	930.09
22 35 23 13-0006	EA				230 GPM, 5,000 LB/Hour Steam Water Heater, Constant Flow.....	13,480.28	1,295.48
22 35 23 13-0007	EA				500 GPM, 7,500 LB/Hour Steam Water Heater, Constant Flow.....	19,917.44	2,133.64
22 35 23 13-0008	EA				900 GPM, 10,000 LB/Hour Steam Water Heater, Constant Flow.....	21,717.63	2,418.13
22 35 23 13-0009	EA				1,400 GPM, 15,000 LB/Hour Steam Water Heater, Constant Flow.....	28,453.58	2,790.14
22 35 23 13-0010	EA				2,400 GPM, 20,000 LB/Hour Steam Water Heater, Constant Flow.....	34,228.89	3,297.49
22 35 23 13-0011					Variable Flow (22 35 23 13-0001)		
22 35 23 13-0012	EA				30 GPM, 700 LB/Hour Steam Water Heater, Variable Flow.....	9,404.53	1,131.70
22 35 23 13-0013	EA				90 GPM, 1,250 LB/Hour Steam Water Heater, Variable Flow.....	10,670.74	1,381.84
22 35 23 13-0014	EA				140 GPM, 2,500 LB/Hour Steam Water Heater, Variable Flow.....	13,614.87	1,786.81
22 35 23 13-0015	EA				230 GPM, 5,000 LB/Hour Steam Water Heater, Variable Flow.....	17,872.61	2,492.99
22 35 23 13-0016	EA				500 GPM, 7,500 LB/Hour Steam Water Heater, Variable Flow.....	26,724.62	4,169.31
22 35 23 13-0017	EA				900 GPM, 10,000 LB/Hour Steam Water Heater, Variable Flow.....	32,466.51	4,591.47
22 35 23 13-0018	EA				1,400 GPM, 15,000 LB/Hour Steam Water Heater, Variable Flow.....	37,615.21	5,373.67
22 35 23 13-0019	EA				2,400 GPM, 20,000 LB/Hour Steam Water Heater, Variable Flow.....	47,587.39	6,419.95

22 40 Plumbing Fixtures (22)

Note: The following Energy Policy Act Flow Rates Requirements superseded flow rates standards listed in section. Plumbing fixtures and trim should not exceed the maximum flow rates set forth in The Energy Policy Act 92. lavatory faucets - 2.5 gal/min, lavatory replacement aerators - 2.5 gal/min, kitchen faucets - 2.5 gal/min, kitchen replacement aerators - 2.5 gal/min, metering faucets - 0.25 gal/cycle, gravity tank-type toilets - 1.6 gal/flush, flushometer tank toilets - 1.6 gal/flush, electromechanical hydraulic toilets - 1.6 gal/flush, blowdown toilets - 3.5 gal/flush, urinals - 1.0 gal/flush.

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 41 Residential Plumbing Fixtures (22 40)

22 41 39 Residential Faucets, Supplies, and Trim (22 41)

22 41 39 00-0001 Residential Kitchen Faucets (22 41 39)

22 41 39 00-0002	EA	Chrome Single Handle Kitchen Faucet (Delta 100LF-WF)	178.73	53.44
22 41 39 00-0003	EA	Chrome Single Handle Kitchen Faucet With Spray (Delta 400LF-WF)	204.17	53.44
22 41 39 00-0004	EA	Chrome Single Handle Kitchen Faucet With Integrated Spray (Delta 300LF-WF)	204.17	53.44
22 41 39 00-0005	EA	Chrome Two Handle Kitchen Faucet, Three Hole Installation 8"Center (Delta 2102LF-LHP+H215)	197.14	53.44
22 41 39 00-0006	EA	Chrome Two Handle Kitchen Faucet With Spray, Three Hole Installation, 8" Center (Delta 2402LF-LHP+H215)	210.81	53.44

22 41 39 00-0007 Residential Lavatory Faucets (22 41 39)

22 41 39 00-0008	EA	Chrome, Single Acrylic Handle, Bath Faucet (Delta 502-DST)	160.40	38.48
		<i>For Faucet With Brass Pop-Up, Add</i>	11.00	
22 41 39 00-0009	EA	Chrome, Single Lever Handle, Lavatory Faucet (Delta 500-WF)	160.40	38.48
		<i>For Faucet With Brass Pop-Up, Add</i>	11.00	
22 41 39 00-0010	EA	Chrome, Two Handle, Bath Faucet With Acrylic Handles (Delta 2502LF)	118.56	38.48
		<i>For Faucet With Brass Pop-Up, Add</i>	16.50	
		<i>For Faucet With Plastic Pop-Up, Add</i>	14.00	

22 41 39 00-0011 Residential Bath And Shower Faucets (22 41 39)

22 41 39 00-0012	EA	Single Lever Handle, Chrome Shower Only, Pressure Balanced/Anti-Scald Valve (American Standard T675.501)	207.78	46.39
		<i>For Faucet With Polished Nickel Or Brass Finish, Add</i>	25.00	
22 41 39 00-0013	EA	Single Lever Handle, Chrome Bath And Shower, Pressure Balanced/Anti-Scald Valve (American Standard T675.502)	242.58	46.39
		<i>For Faucet With Polished Nickel Or Brass Finish, Add</i>	25.00	
22 41 39 00-0014	EA	Two-Knob Handle Chrome Shower And Tub Filler, Ceramic Valving (American Standard Cadet 3275)	192.61	46.39
		<i>For Faucet With Polished Nickel Or Brass Finish, Add</i>	75.00	
		<i>For Faucet With Lever Handles, Add</i>	8.10	
22 41 39 00-0015	EA	Three-Knob Handle Chrome Shower And Tub Filler, Ceramic Valving (American Standard Cadet 3375)	211.35	46.39
		<i>For Faucet With Polished Nickel Or Brass Finish, Add</i>	75.00	
		<i>For Faucet With Lever Handles, Add</i>	8.10	
22 41 39 00-0016	EA	Hand Shower With Hose And 25" Slide Bar (American Standard 1662.602)	232.03	29.02
22 41 39 00-0017	EA	Wall Mount, Hand Shower With Hose (Delta 55011)	194.77	29.02
22 41 39 00-0018	EA	Wall Mount, Hand Shower Unit With Hose (Delta Faucet 62001 DS)	304.34	29.02

22 41 39 00-0019 Residential Laundry Faucets (22 41 39)

22 41 39 00-0020	EA	Stream Straightener Nozzle Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2123LF)	139.28	34.12
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22 41 39 00-0021 Residential Laundry/Wash Basin Faucets (22 41 39)

22 41 39 00-0022	EA	Hose Thread Spout Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2121LF)	140.33	34.12
22 41 39 00-0023	EA	Hose Thread Spout With Vacuum Breaker Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2121LF+RP12503)	197.23	37.61

22 41 39 00-0024 Other Residential Faucets (22 41 39)

22 41 39 00-0025	EA	Sillcock, Compact, Brass, IPS Or Copper To Hose	41.24	8.71
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22 42 Commercial Plumbing Fixtures (22 40)

Note: Prices are for commercial grade unless otherwise indicated. Includes final connection and all associated trim (seat, supply stop and line, wax seal, valve). Excludes rough-in within the wall and carrier.

22 42 13 Commercial Water Closets, Urinals, and Bidets (22 42)

22 42 13 13 Commercial Water Closets (22 42 13)

22 42 13 13-0001 Vitreous China Water Closets (22 42 13 13)

Note: With a 2" ball pass.

22 42 13 13-0002 Floor Mounted Elongated Vitreous China Water Closets (22 42 13 13-0001)

Note: Includes wax seal and toilet seat. Excludes flush valve.

22 42 13 13-0003	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Madera™)	664.74	111.16
22 42 13 13-0004	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Elongated Vitreous China Water Closet (American Standard Priolo™)	797.85	111.16
22 42 13 13-0005	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Wall Outlet, Elongated Vitreous China Water Closet (American Standard Yorkville™)	1,040.34	111.16
22 42 13 13-0006	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Cadet®)	927.89	111.16
22 42 13 13-0007	EA	1 Piece Tank Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Compact Cadet®)	864.40	111.16
22 42 13 13-0008	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet With Concealed Trapway (American Standard Cadet® 3 FloWise® RIGHT HEIGHT®)	868.77	111.16
22 42 13 13-0009	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (Kohler® Wellcome™)	655.00	111.16
22 42 13 13-0010	EA	1.28 GPF Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (Toto® CT705E)	704.01	111.16

22 42 13 13-0011 Wall Hung Elongated Vitreous China Water Closets (22 42 13 13-0001)

Note: Includes wax seal and toilet seat. Excludes flush valve.

22 Plumbing**22 40 Plumbing Fixtures****22 42 Commercial Plumbing Fixtures**
 MINOR
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 UNIT COST UNIT COST

22 42 13 13-0012	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard AFWall®).....	766.68	136.82
22 42 13 13-0013	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard AFWall® ADA Retrofit).....	960.29	136.82
22 42 13 13-0014	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Glenwall™).....	1,223.43	136.82
22 42 13 13-0015	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Kohler® Kingston™).....	769.86	136.82
22 42 13 13-0016	EA	Flush Valve Type, Blow Out, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Kohler® Stratton™).....	1,187.64	136.82
22 42 13 13-0017	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Toto® CT708E Or CT708EV).....	855.25	136.82
22 42 13 13-0018	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Zurn Z5615-BWL).....	722.34	136.82
22 42 13 13-0019	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Sloan ST-2459).....	760.85	136.82
22 42 13 13-0020 Floor Mounted Elongated Handicapped Water Closets (22 42 13 13-0001)				
Note: Includes wax seal and toilet seat. Excludes flush valve.				
22 42 13 13-0021	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Madera™ ADA).....	674.29	111.16
22 42 13 13-0022	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Colorado Right Height®).....	691.12	111.16
22 42 13 13-0023	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Right Width™ Right Height®).....	765.32	111.16
22 42 13 13-0024	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Huron).....	857.12	111.16
22 42 13 13-0025	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Priolo® ADA).....	853.30	111.16
22 42 13 13-0026	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Back Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Yorkville™ ADA).....	1,146.28	111.16
22 42 13 13-0027	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Cadet Right Height™ ADA).....	962.69	111.16
22 42 13 13-0028	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Toto® CT705ELN).....	749.88	111.16
22 42 13 13-0029	EA	2 Piece Tank Type, High Efficiency Water Closet Floor Mounted, Elongated, (Sterling 402077) With Open-Front Seat (Kohler K-4650).....	858.98	111.16
22 42 13 13-0030	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Kohler Highline™ ADA K-3519).....	985.74	111.16
22 42 13 13-0031	EA	2 Piece Tank Type, Dual-Flush 1.1 And 1.6 GPF, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Vortens Vienna ELX-DF 3113-3436).....	762.94	111.16
22 42 13 13-0032	EA	2 Piece Tank Type, High Efficiency Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Niagara Stealth™).....	742.30	111.16
22 42 13 13-0033	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Zurn HET Z5667-BWL).....	711.26	111.16
22 42 13 13-0034 Floor Mounted, 10" High Bowl, Children's Height Vitreous China Water Closets (22 42 13 13-0001)				
Note: Includes wax seal and toilet seat. Excludes flush valve.				
22 42 13 13-0035	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Elongated Vitreous China Water Closet (Kohler® Primary™).....	759.36	111.16
22 42 13 13-0036	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Round Front Vitreous China Water Closet (American Standard Baby Devoro™).....	682.70	111.16
22 42 13 13-0037	EA	2 Piece Tank Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Round Front Vitreous China Water Closet (American Standard Baby Devoro™).....	802.04	111.16
22 42 13 13-0038 Floor Mounted Round Bowl Vitreous China Water Closets (22 42 13 13-0001)				
22 42 13 13-0039	EA	2 Piece Tank Type, Floor Mounted, Floor Outlet, Round Vitreous China Water Closet (Toto® CST715) With SoftClose® Seat (Toto® SS113).....	731.57	111.16
22 42 13 13-0040	EA	2 Piece Tank Type, Dual Flush, Floor Mounted, Floor Outlet, Round Vitreous China Water Closet (Vortens 3208-3412).....	749.33	111.16
22 42 13 13-0041 Stainless Steel Water Closets (22 42 13 13)				
22 42 13 13-0042	EA	Wall Hung Water Closet, Stainless Steel With Hinged Seat, Siphon Jet (Acorn 2105-T-1-HS).....	3,523.52	240.50
22 42 13 13-0043	EA	Floor Mounted Water Closet, Stainless Steel With Hinged Seat, Siphon Jet (Acorn 2120-T-3-HS).....	3,712.08	240.50
22 42 13 13-0044 Water Closet Carriers (22 42 13 13)				
22 42 13 13-0045 Pipe Grip Adaptor Type, Water Closet Carriers (22 42 13 13-0044)				
Note: Includes coated cast iron construction, plated hardware and adjustable feet. Excludes waste piping and fittings.				
22 42 13 13-0046	EA	Pipe Grip Adaptor Type, Water Closet Carrier.....	643.61	56.43
22 42 13 13-0047 No-Hub, Water Closet Carriers (22 42 13 13-0044)				
Note: Includes coated cast iron construction, ABS extension with integral test cap, plated hardware and neoprene fixture gasket. Includes buttress feet or pylon feet and anchor foot.				

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 42 13 13-0048	EA		Vertical Close With Offset, No-Hub, Single Water Closet Carrier	1,012.24	56.43
			<i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i>	-90.46	
			<i>For Positioning Frame, Add</i>	57.16	
			<i>For Supply Pipe Support, Add</i>	58.51	
			<i>For Vandal Proof Trim, Add</i>	76.97	
			<i>For Auxiliary Inlet, Add</i>	248.90	
			<i>For Special Duty 500 LB Carrier, Add</i>	429.38	
22 42 13 13-0049	EA		Vertical Close On Stack, No-Hub, Single Water Closet Carrier	1,012.24	56.43
			<i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i>	-90.46	
			<i>For Positioning Frame, Add</i>	57.16	
			<i>For Supply Pipe Support, Add</i>	58.51	
			<i>For Vandal Proof Trim, Add</i>	76.97	
			<i>For Auxiliary Inlet, Add</i>	248.90	
			<i>For Special Duty 500 LB Carrier, Add</i>	429.38	
22 42 13 13-0050	EA		Horizontal Adjustable, No-Hub, Single Water Closet Carrier	1,108.10	56.43
			<i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i>	-90.46	
			<i>For Positioning Frame, Add</i>	57.16	
			<i>For Supply Pipe Support, Add</i>	58.51	
			<i>For Vandal Proof Trim, Add</i>	76.97	
			<i>For Auxiliary Inlet, Add</i>	248.90	
			<i>For Horizontal No Hub Cast Long Barrel, Add</i>	258.80	
			<i>For Carrier For Wide Chase Installations, Add</i>	336.22	
			<i>For Special Duty 1,000 LB Carrier, Add</i>	429.39	
22 42 13 13-0051	EA		Vertical Adjustable On Stack, No-Hub, Single Water Closet Carrier	1,230.98	56.43
			<i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i>	-90.46	
			<i>For Positioning Frame, Add</i>	57.16	
			<i>For Supply Pipe Support, Add</i>	58.51	
			<i>For Vandal Proof Trim, Add</i>	76.97	
			<i>For 4" Branch, Add</i>	198.04	
			<i>For Auxiliary Inlet, Add</i>	248.90	
			<i>For Carrier For Wide Chase Installations, Add</i>	336.22	
			<i>For Double 4" Branches, Add</i>	397.42	
			<i>For Special Duty 1,000 LB Carrier, Add</i>	429.39	
22 42 13 13-0052	EA		Vertical Close With Offset, No-Hub, Double Water Closet (Back To Back) Carrier	1,690.55	82.83
			<i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i>	-180.92	
			<i>For Positioning Frame, Add</i>	122.34	
			<i>For Supply Pipe Support, Add</i>	125.05	
			<i>For Vandal Proof Trim, Add</i>	153.94	
			<i>For Auxiliary Inlet, Add</i>	264.94	
			<i>For Special Duty 500 LB Carrier, Add</i>	858.76	
22 42 13 13-0053	EA		Vertical Close On Stack, No-Hub, Double Water Closet (Back To Back) Carrier	1,739.17	82.83
			<i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i>	-180.92	
			<i>For Positioning Frame, Add</i>	122.34	
			<i>For Supply Pipe Support, Add</i>	125.05	
			<i>For Vandal Proof Trim, Add</i>	153.94	
			<i>For Auxiliary Inlet, Add</i>	264.94	
			<i>For Special Duty 500 LB Carrier, Add</i>	858.76	
22 42 13 13-0054	EA		Vertical Adjustable On Stack, No-Hub, Double Water Closet (Back To Back) Carrier	2,126.69	82.83
			<i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i>	-180.92	
			<i>For Positioning Frame, Add</i>	122.34	
			<i>For Supply Pipe Support, Add</i>	125.05	
			<i>For Vandal Proof Trim, Add</i>	153.94	
			<i>For 4" Branch, Add</i>	206.06	
			<i>For Auxiliary Inlet, Add</i>	264.94	
			<i>For Double 4" Branches, Add</i>	413.46	
			<i>For Carrier For Wide Chase Installations, Add</i>	720.53	
			<i>For Special Duty 1,000 LB Carrier, Add</i>	858.78	
22 42 13 13-0055	EA		Horizontal Adjustable, No-Hub, Double Water Closet (Back To Back) Carrier	1,999.76	82.83
			<i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i>	-180.92	
			<i>For Positioning Frame, Add</i>	122.34	
			<i>For Supply Pipe Support, Add</i>	125.05	
			<i>For Vandal Proof Trim, Add</i>	153.94	
			<i>For Horizontal No Hub Cast Long Barrel, Add</i>	266.82	
			<i>For Carrier For Wide Chase Installations, Add</i>	720.53	
			<i>For Special Duty 1,000 LB Carrier, Add</i>	858.78	

22 42 13 13-0056 Hub And Spigot, Water Closet Carriers (22 42 13 13-0044)

Note: Includes coated cast iron construction, ABS extension with integral test cap, plated hardware and neoprene fixture gasket. Includes buttress feet or pylon feet and anchor foot.

22 42 13 13-0057	EA		Vertical Close With Offset, Hub And Spigot, Single Water Closet Carrier	1,012.24	56.43
			<i>For Positioning Frame, Add</i>	57.16	
			<i>For Supply Pipe Support, Add</i>	58.51	
			<i>For Vandal Proof Trim, Add</i>	76.97	
			<i>For Hanger Type Closet Adapter, Add</i>	193.09	
			<i>For Auxiliary Inlet, Add</i>	248.90	
22 42 13 13-0058	EA		Vertical Close On Stack, Hub And Spigot, Single Water Closet Carrier	1,012.24	56.43
			<i>For Positioning Frame, Add</i>	57.16	
			<i>For Supply Pipe Support, Add</i>	58.51	
			<i>For Vandal Proof Trim, Add</i>	76.97	
			<i>For Auxiliary Inlet, Add</i>	248.90	
			<i>For Special Duty 500 LB Carrier, Add</i>	429.38	

22 Plumbing**22 40 Plumbing Fixtures****22 42 Commercial Plumbing Fixtures**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 42 13 13-0059	EA	Vertical Adjustable On Stack, Hub And Spigot, Single Water Closet Carrier	1,276.88	56.43
		<i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i>	-90.46	
		<i>For Positioning Frame, Add</i>	57.16	
		<i>For Supply Pipe Support, Add</i>	58.51	
		<i>For Vandal Proof Trim, Add</i>	76.97	
		<i>For 4" Branch, Add</i>	198.04	
		<i>For Auxiliary Inlet, Add</i>	248.90	
		<i>For Carrier For Wide Chase Installations, Add</i>	336.22	
		<i>For Double 4" Branches, Add</i>	397.42	
		<i>For Special Duty 1,000 LB Carrier, Add</i>	429.39	
22 42 13 13-0060	EA	Vertical Close With Offset, Hub And Spigot, Double Water Closet (Back To Back) Carrier	1,690.55	82.83
		<i>For Positioning Frame, Add</i>	122.34	
		<i>For Supply Pipe Support, Add</i>	125.05	
		<i>For Vandal Proof Trim, Add</i>	153.94	
		<i>For Auxiliary Inlet, Add</i>	264.94	
		<i>For Hanger Type Closet Adapter, Add</i>	386.17	
22 42 13 13-0061	EA	Vertical Adjustable On Stack, Hub And Spigot, Double Water Closet (Back To Back) Carrier	2,172.60	82.83
		<i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i>	-180.92	
		<i>For Positioning Frame, Add</i>	122.34	
		<i>For Supply Pipe Support, Add</i>	125.05	
		<i>For Vandal Proof Trim, Add</i>	153.94	
		<i>For 4" Branch, Add</i>	206.06	
		<i>For Auxiliary Inlet, Add</i>	264.94	
		<i>For Double 4" Branches, Add</i>	413.46	
		<i>For Carrier For Wide Chase Installations, Add</i>	720.53	
		<i>For Special Duty 1,000 LB Carrier, Add</i>	858.78	
22 42 13 13-0062		Floor Mount Polyvinyl Chloride (PVC) Adaptor Type, Water Closet Carriers		
		<small>(22 42 13 13-0044)</small>		
		Note: Includes coated cast iron construction, plastic fitting adaptor with extension and plated hardware.		
22 42 13 13-0063	EA	Vertical On Stack, Floor Mount Polyvinyl Chloride (PVC) Adaptor Type, Single Water Closet Carrier	775.93	56.43
		<i>For Positioning Frame, Add</i>	57.16	
		<i>For Supply Pipe Support, Add</i>	58.51	
		<i>For Vandal Proof Trim, Add</i>	76.97	
		<i>For Hanger Type Closet Adapter, Add</i>	193.09	
22 42 13 13-0064		Institutional Water Closet Carriers <small>(22 42 13 13-0044)</small>		
		Note: Includes coated cast iron construction, ABS extension with integral test cap, buttress feet, plated hardware and neoprene fixture gasket.		
22 42 13 13-0065	EA	Vertical On Stack, No-Hub, 90 Degree Institutional, Double Waste Fitting With Vent And Carrier, Water Closet Carrier	2,799.13	82.83
		<i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i>	-180.92	
		<i>For Positioning Frame, Add</i>	122.34	
		<i>For Supply Pipe Support, Add</i>	125.05	
		<i>For Vandal Proof Trim, Add</i>	153.94	
		<i>For Auxiliary Inlet, Add</i>	264.94	
22 42 13 13-0066		Removal And Reinstallation Of Fixtures And Trim <small>(22 42 13 13)</small>		
		Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 13 13-0067	EA	Removal And Reinstallation Of Wall Hung Water Closet With Tank	488.53	
22 42 13 13-0068	EA	Removal And Reinstallation Of Wall Hung Water Closet With Flush Valve	488.53	
22 42 13 13-0069	EA	Removal And Reinstallation Of Floor Mount Water Closet With Tank	375.70	
22 42 13 13-0070	EA	Removal And Reinstallation Of Floor Mount Water Closet With Flush Valve	375.70	
22 42 13 16		Commercial Urinals <small>(22 42 13)</small>		
22 42 13 16-0001		Vitreous China Urinals <small>(22 42 13 16)</small>		
		Note: Excludes flush valve unless indicated otherwise.		
22 42 13 16-0002		Wall Hung Urinals <small>(22 42 13 16-0001)</small>		
22 42 13 16-0003	EA	Wall Hung Washout, Vitreous China Urinal (American Standard Maybrook™)	590.07	114.37
22 42 13 16-0004	EA	Wall Hung, Washout, Vitreous China Urinal With Top Spud (American Standard Washbrook®)	715.76	114.37
22 42 13 16-0005	EA	Wall Hung, Washout, Vitreous China Urinal With Back Spud (American Standard Washbrook®)	742.04	114.37
22 42 13 16-0006	EA	Wall Hung, Blowout, Vitreous China Urinal (American Standard Lynbrook™)	780.65	114.37
22 42 13 16-0007	EA	Wall Hung Siphon Jet, Vitreous China Urinal (American Standard Trimbrook™)	713.71	114.37
22 42 13 16-0008	EA	Wall Hung, Siphon Jet, Vitreous China Urinal (American Standard Allbrook™)	607.61	114.37
22 42 13 16-0009	EA	Wall Hung, Washout, Vitreous China Urinal (Toto® UT447E Or UT447EV)	732.17	114.37
22 42 13 16-0010	EA	Wall Hung, Washout, Vitreous China Urinal (Toto® UT104E Or UT104EV)	630.60	114.37
22 42 13 16-0011	EA	Wall Hung, Washout, Vitreous China Urinal (Zum Z5798)	679.96	114.37
22 42 13 16-0012	EA	Wall Hung, Washout, 0.125 To 0.5 GPF, HEU, Vitreous China Urinal (Sloan SU-1009-A)	623.34	114.37
22 42 13 16-0013	EA	Wall Hung, Washout, 1.0 GPF, HEU, Vitreous China Urinal (Sloan SU-1006-A)	621.19	114.37
22 42 13 16-0014		Floor Mounted Urinals <small>(22 42 13 16-0001)</small>		
22 42 13 16-0015	EA	Washout, Floor Mounted, Vitreous China Urinal (American Standard Stallbrook™)	971.98	144.29
22 42 13 16-0016	EA	Washout, Floor Mounted, Vitreous China Urinal (Kohler® Branham™)	1,093.77	144.29
22 42 13 16-0017	EA	Floor Mounted Urinal Seam Cover For 21" Centers (Kohler® K-4931)	311.25	26.73
22 42 13 16-0018	EA	Floor Mounted Urinal Seam Cover For 24" Centers (Kohler® K-4932)	353.22	26.73
22 42 13 16-0019		Waterfree Urinals <small>(22 42 13 16-0001)</small>		
22 42 13 16-0020	EA	Waterfree, Wall Hung, Vitreous China Urinal (American Standard Large FloWise® Flush-Free)	644.94	80.17
22 42 13 16-0021	EA	Waterfree, Wall Hung, Vitreous China Urinal (SLOAN WES-1000)	1,179.45	80.17
		<i>For Colored Fixtures, Add</i>	66.90	
		<i>For >1, Deduct</i>	-104.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 16-0022 EA Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-2000)	1,017.44	80.17
For Colored Fixtures, Add	66.90	
For >1, Deduct	-85.53	
22 42 13 16-0023 EA Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-4000)	783.06	80.17
For Colored Fixtures, Add	66.90	
For >1, Deduct	-58.81	
22 42 13 16-0024 EA Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-5000)	783.06	80.17
For Colored Fixtures, Add	66.90	
For >1, Deduct	-58.81	
22 42 13 16-0025 EA Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-7000)	967.39	80.17
For Colored Fixtures, Add	66.90	
For >1, Deduct	-79.82	
22 42 13 16-0026 EA Waterfree, Wall Hung, Stainless Steel Urinal (Falcon F-9000)	1,459.85	80.17
For >1, Deduct	-135.96	
22 42 13 16-0027 Stainless Steel Urinals (22 42 13 16)		
22 42 13 16-0028 EA Wall Hung Urinal, Stainless Steel, Blowout Jet (Acom 2160-T-1)	3,629.59	240.50
22 42 13 16-0029 EA 5' Wall Hung Trough Urinal, Stainless Steel With Strainer And Washdown Pipe (Elkay EU6014C)	4,704.89	293.94
22 42 13 16-0030 Urinal Carriers (22 42 13 16)		
22 42 13 16-0031 Floor Mounted, Urinal Carriers (22 42 13 16-0030)		
Note: Includes adjustable supporting rods, structural uprights and welded feet.		
22 42 13 16-0032 EA Floor Mounted Hanger Plate Type, Single Urinal Carrier	565.52	40.62
For Up To 4" Extension Sleeves And Hardware, Add	28.35	
22 42 13 16-0033 EA Floor Mounted Bearing Plate Type, Single Urinal Carrier	616.83	40.62
For Up To 4" Extension Sleeves And Hardware, Add	28.35	
22 42 13 16-0034 Wall Mounted, Urinal Carriers (22 42 13 16-0030)		
Note: Includes wall plate and adjustable supporting rods.		
22 42 13 16-0035 EA Wall Mounted Hanger Plate Type, Single Urinal Carrier	245.51	40.62
For Up To 6-1/2" Extension Sleeves And Hardware, Add	28.35	
22 42 13 16-0036 Removal And Reinstallation Of Fixtures And Trim (22 42 13 16)		
Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 13 16-0037 EA Removal And Reinstallation Of Wall Hung Urinal With Flush Valve	486.93	
22 42 16 Commercial Lavatories and Sinks (22 42)		
22 42 16 13 Commercial Lavatories (22 42 16)		
22 42 16 13-0001 Lavatories (22 42 16 13)		
Note: Includes trap, drain and supply valves. Excludes faucets. See CSI section 22 42 39 00-0000 for faucets.		
22 42 16 13-0002 Wall Hung Lavatories (22 42 16 13-0001)		
22 42 16 13-0003 EA 19" x 17" Porcelain Enameled Cast Iron Wall Hung Lavatory (American Standard Regalyn™)	585.23	71.61
22 42 16 13-0004 EA 20" x 18" Porcelain Enameled Cast Iron Wall Hung Lavatory (American Standard Regalyn™)	612.03	71.61
22 42 16 13-0005 EA 22" x 19" Porcelain Enameled Cast Iron Wall Hung Lavatory (Kohler® Hampton™)	762.17	71.61
22 42 16 13-0006 EA 18" x 16" Vitreous China Wall Hung Lavatory (American Standard Penlyn™)	536.35	71.61
22 42 16 13-0007 EA 19" x 17" Vitreous China Wall Hung Lavatory (American Standard Declyn™)	461.46	71.61
22 42 16 13-0008 EA 20" x 18" Vitreous China Wall Hung Lavatory (Kohler® Soho®)	584.79	71.61
22 42 16 13-0009 EA 27" x 20" Wheelchair Accessible, Vitreous China Wall Hung Lavatory (American Standard Wheel Chair Users)	690.08	71.61
22 42 16 13-0010 EA 20" x 18" Vitreous China Wall Hung Lavatory (American Standard Roxalyn™)	548.96	71.61
22 42 16 13-0011 EA 20" x 18" Vitreous China Wall Hung Lavatory (American Standard Lucerne™)	483.53	71.61
22 42 16 13-0012 Countertop Lavatories (22 42 16 13-0001)		
22 42 16 13-0013 EA 20" x 18" Oval Vitreous China Countertop Lavatory (Kohler® Pennington®)	548.33	86.58
22 42 16 13-0014 EA 21" x 18" Vitreous China Countertop Lavatory (American Standard Cadet™ Oval)	560.02	86.58
22 42 16 13-0015 EA 19" x 16" Enameled Cast Iron Countertop Lavatory (Kohler® Farmington™)	592.54	86.58
22 42 16 13-0016 EA 19" x 16" Enameled Cast Iron Countertop Lavatory (Kohler® Ellington™)	627.21	86.58
22 42 16 13-0017 EA 24" x 18" Enameled Cast Iron Countertop Lavatory (Kohler® Thoreau®)	818.87	93.52
22 42 16 13-0018 Undermount Lavatories (22 42 16 13-0001)		
22 42 16 13-0019 EA 15" x 12" Vitreous China Undermount Lavatory (American Standard Ovalyn™)	531.53	86.58
22 42 16 13-0020 EA 17" x 14" Vitreous China Undermount Lavatory (American Standard Ovalyn™)	499.33	86.58
22 42 16 13-0021 EA 19" x 16" Vitreous China Undermount Lavatory (American Standard Ovalyn™)	499.33	86.58
22 42 16 13-0022 EA 21" x 17" Vitreous China Undermount Lavatory (American Standard Ovalyn™)	538.41	86.58
22 42 16 13-0023 EA 15" x 12" Oval Vitreous China Undermount Lavatory (Kohler® Caxton®)	514.88	86.58
22 42 16 13-0024 EA 17" x 14" Oval Vitreous China Undermount Lavatory (Kohler® Caxton®)	508.94	86.58
22 42 16 13-0025 EA 19" x 15" Oval Vitreous China Undermount Lavatory (Kohler® Caxton®)	514.99	86.58
22 42 16 13-0026 EA 18" x 12" Rectangular Vitreous China Undermount Lavatory (Kohler® Ladena®)	648.29	86.58
22 42 16 13-0027 EA 21" x 14" Rectangular Vitreous China Undermount Lavatory (Kohler® Ladena®)	648.29	86.58
22 42 16 13-0028 Pedestal Lavatories (22 42 16 13-0001)		
22 42 16 13-0029 EA 19" x 24" x 35" High Vitreous China Pedestal Sink (American Standard Cadet™)	673.37	205.75
22 42 16 13-0030 Cultured Marble Vanity Tops (22 42 16 13-0001)		
Note: Includes predrilled holes for faucet.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 42 16 13-0031	EA		25" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink	406.50	80.17
22 42 16 13-0032	EA		31" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink	463.10	85.50
22 42 16 13-0033	EA		37" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink	566.26	90.85
22 42 16 13-0034	EA		49" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink	793.32	96.20
22 42 16 13-0035	EA		25" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	440.33	80.17
22 42 16 13-0036	EA		31" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	472.63	85.50
22 42 16 13-0037	EA		37" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	622.54	90.85
22 42 16 13-0038	EA		43" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	682.07	93.52
22 42 16 13-0039	EA		49" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	769.52	96.20

22 42 16 13-0040 Quartz Vanity Tops (22 42 16 13-0001)

Note: Includes predrilled holes for faucet.

22 42 16 13-0041	EA		25" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	725.81	80.17
22 42 16 13-0042	EA		31" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	757.10	85.50
22 42 16 13-0043	EA		37" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	865.84	90.85
22 42 16 13-0044	EA		43" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	872.60	93.52
22 42 16 13-0045	EA		49" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	949.18	96.20
22 42 16 13-0046	EA		61" x 22" Quartz Vanity Top With Integrated Backsplash And Two Sinks	1,258.01	101.54
22 42 16 13-0047	EA		73" x 22" Quartz Vanity Top With Integrated Backsplash And Two Sinks	1,478.59	106.87
22 42 16 13-0048	EA		22" End Splash For Quartz Vanity Tops	40.14	

22 42 16 13-0049 Solid Surface Vanity Tops (22 42 16 13-0001)

Note: Includes predrilled holes for faucet.

22 42 16 13-0050	EA		25" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	614.76	80.17
22 42 16 13-0051	EA		31" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	687.13	85.50
22 42 16 13-0052	EA		37" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	769.04	90.85
22 42 16 13-0053	EA		43" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	843.21	93.52
22 42 16 13-0054	EA		49" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	911.09	96.20
22 42 16 13-0055	EA		55" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	1,000.32	98.87
22 42 16 13-0056	EA		61" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	1,109.61	101.54
22 42 16 13-0057	EA		61" x 22" Solid Surface Vanity Top With Integrated Backsplash And Two Sinks	1,136.58	101.54
22 42 16 13-0058	EA		73" x 22" Solid Surface Vanity Top With Integrated Backsplash And Two Sinks	1,224.79	106.87
22 42 16 13-0059	EA		22" End Splash For Solid Surface Vanity Tops	59.07	

22 42 16 13-0060 Stainless Steel Lavatories (22 42 16 13-0001)

22 42 16 13-0061	EA		18" x 15" Wall Mounted Lavatory, Stainless Steel (Acorn 1950-1)	1,840.15	187.05
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22 42 16 13-0062 Solid Surface Multi-Station Lavatory Systems (22 42 16 13-0001)

Note: ADA compliant. Includes integral faucets.

22 42 16 13-0063	EA		2 Station, Solid Surface Multi-Station Lavatory System With Integral Sprayheads And Infrared Controls (Bradley MG-2)	6,533.74	147.13
			<i>For Integral Liquid Soap Dispenser, Add</i>	171.00	
			<i>For Integral Photovoltaic Power Panels, Add</i>	563.00	
22 42 16 13-0064	EA		3 Station, Solid Surface Multi-Station Lavatory System With Integral Sprayheads And Infrared Controls (Bradley MG-3)	9,596.31	147.13
			<i>For Integral Liquid Soap Dispenser, Add</i>	171.00	
			<i>For Integral Photovoltaic Power Panels, Add</i>	657.00	
22 42 16 13-0065	EA		12" Length, Solid Surface Countertop Extension (Bradley MG-EXT-12)	436.04	49.04
22 42 16 13-0066	EA		18" Length, Solid Surface Countertop Extension (Bradley MG-EXT-18)	542.89	49.04
22 42 16 13-0067	EA		36" Length, Solid Surface Countertop Extension (Bradley MG-EXT-36)	1,087.08	49.04

22 42 16 13-0068 Lavatory Carriers (22 42 16 13)

22 42 16 13-0069 Floor Mounted, Lavatory Carriers (22 42 16 13-0068)

22 42 16 13-0070 Floor Mounted Plate Type, Lavatory Carriers (22 42 16 13-0069)

Note: Includes adjustable supporting rods, structural uprights and welded feet.

22 42 16 13-0071	EA		Floor Mounted Hanger Plate Type, Single Lavatory Carrier	565.52	40.62
			<i>For Up To 4" Extension Sleeves And Hardware, Add</i>	28.35	
			<i>For Valve Plate For Attaching To Upright, Add</i>	98.81	
			<i>For Corner Carrier, Add</i>	192.23	
22 42 16 13-0072	EA		Floor Mounted Bearing Plate Type, Single Lavatory Carrier	616.83	40.62
			<i>For Up To 4" Extension Sleeves And Hardware, Add</i>	28.35	
			<i>For Valve Plate For Attaching To Upright, Add</i>	98.81	
22 42 16 13-0073	EA		Floor Mounted Hanger Plate Type, Double Lavatory (Back To Back) Carrier	707.30	40.62
			<i>For Up To 4" Extension Sleeves And Hardware, Add</i>	56.70	
			<i>For Valve Plate For Attaching To Upright, Add</i>	197.62	
22 42 16 13-0074	EA		Floor Mounted Bearing Plate Type, Double Lavatory (Back To Back) Carrier	811.27	40.62
			<i>For Up To 4" Extension Sleeves And Hardware, Add</i>	56.70	
			<i>For Valve Plate For Attaching To Upright, Add</i>	197.62	

22 42 16 13-0075 Floor Mounted, Lavatory Carriers With Arms (22 42 16 13-0069)

Note: Includes leveling and securing screws, structural uprights and welded feet.

22 42 16 13-0076	EA		Floor Mounted, Single Lavatory Carrier With Concealed Arms	728.67	48.10
			<i>For Up To 6-1/2" Extension Sleeves And Hardware, Add</i>	28.35	
			<i>For Concealed Arm Carrier For Wheelchair Lavatory, Add</i>	39.16	
			<i>For Valve Plate For Attaching To Upright, Add</i>	100.95	
			<i>For 2" Chrome Plated Escutcheons, Add</i>	95.87	
			<i>For 4" Or 6" Chrome Plated Escutcheons, Add</i>	174.18	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	22 42 16 13-0077	EA		Floor Mounted, Single Lavatory Carrier With Exposed Acid Resistant White Coated Arms <i>For Up To 4-1/2" Extension Sleeves And Hardware, Add</i> <i>For Vandal Proof Trim, Add</i> <i>For Valve Plate For Attaching To Upright, Add</i> <i>For Heavy Duty Carrier, Add</i>	977.12 28.35 76.97 100.95 98.56	48.10
	22 42 16 13-0078	EA		Floor Mounted, Double Lavatory (Back To Back) Carrier With Concealed Arms..... <i>For Up To 6-1/2" Extension Sleeves And Hardware, Add</i> <i>For Concealed Arm Carrier For Wheelchair Lavatory, Add</i> <i>For Valve Plate For Attaching To Upright, Add</i> <i>For 2" Chrome Plated Escutcheons, Add</i> <i>For 4" Or 6" Chrome Plated Escutcheons, Add</i>	975.76 56.70 78.33 201.89 191.73 348.36	48.10
	22 42 16 13-0079	EA		Floor Mounted, Double Lavatory (Back To Back) Carrier With Exposed Acid Resistant White Coated Arms <i>For Up To 4-1/2" Extension Sleeves And Hardware, Add</i> <i>For Vandal Proof Trim, Add</i> <i>For Valve Plate For Attaching To Upright, Add</i> <i>For Heavy Duty Carrier, Add</i>	1,451.07 56.70 153.94 201.89 197.13	48.10
	22 42 16 13-0080			Wall Mounted, Lavatory Carriers (22 42 16 13-0068)		
	22 42 16 13-0081			Wall Mounted Plate Type, Lavatory Carriers (22 42 16 13-0080) Note: Includes wall plate and adjustable supporting rods.		
	22 42 16 13-0082	EA		Wall Mounted Hanger Plate Type, Single Lavatory Carrier <i>For Double Plate Carrier, Add</i>	245.51 75.30	40.62
	22 42 16 13-0083			Wall Mounted Plate Type, Lavatory Carriers With Arms (22 42 16 13-0080) Note: Includes wall plate and leveling and securing screws.		
	22 42 16 13-0084	EA		Wall Mounted Fixed Steel Plate Type, Single Lavatory Carrier With Concealed Arms..... <i>For Up To 4" Extension Sleeves And Hardware, Add</i> <i>For 2" Chrome Plated Escutcheons, Add</i>	414.06 28.35 95.87	48.10
	22 42 16 13-0085	EA		Wall Mounted Adjustable Plate Type, Single Lavatory Carrier With Concealed Arms..... <i>For Movable Mounting Brackets, Deduct</i> <i>For Up To 4" Extension Sleeves And Hardware, Add</i> <i>For 2" Chrome Plated Escutcheons, Add</i> <i>For 4" Or 6" Chrome Plated Escutcheons, Add</i>	489.68 -72.92 28.35 95.87 174.18	48.10
	22 42 16 13-0086	EA		Wall Mounted Adjustable Plate Type, Single Lavatory Carrier With Exposed Acid Resistant White Coated Arms..... <i>For Up To 4-1/2" Extension Sleeves And Hardware, Add</i> <i>For Vandal Proof Trim, Add</i>	723.28 28.35 76.97	48.10
	22 42 16 13-0087			Removal And Reinstallation Of Lavatory And Trim (22 42 16 13) Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
	22 42 16 13-0088	EA		Removal And Reinstallation Of Wall Hung Lavatory With Faucet.....	314.38	
	22 42 16 16			Commercial Sinks (22 42 16)		
	22 42 16 16-0001			Sinks (22 42 16 16) Note: Includes drain, trap and supply valves. Excludes faucets. See CSI section 22 42 39 00-0000 for faucets.		
	22 42 16 16-0002			Kitchen Sinks (22 42 16 16-0001)		
	22 42 16 16-0003	EA		25" x 22" x 8-3/4" Enameled Cast Iron Kitchen Sink, Single Bowl (Kohler® Mayfield®).....	719.09	100.47
	22 42 16 16-0004	EA		22" x 33" x 9-5/8" Enameled Cast Iron Kitchen Sink, Double Bowl (Kohler® Brookfield®).....	928.24	114.37
	22 42 16 16-0005	EA		15" x 17" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR1517)..... <i>For 18 Gauge, Add</i>	880.51 239.84	98.34
	22 42 16 16-0006	EA		17" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR1722)..... <i>For 18 Gauge, Add</i>	902.37 250.77	98.34
	22 42 16 16-0007	EA		22" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR2222)..... <i>For 18 Gauge, Add</i>	951.56 275.37	98.34
	22 42 16 16-0008	EA		25" x 22" x 7-1/2" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR2522)..... <i>For 18 Gauge, Add</i>	997.17 291.76	100.47
	22 42 16 16-0009	EA		31" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR3122)..... <i>For 18 Gauge, Add</i>	1,252.94 399.25	114.37
	22 42 16 16-0010	EA		33" x 21" x 7-1/2" Stainless Steel Kitchen Sink, Double Bowl, 20 Gauge (Elkay PSR3321)..... <i>For 18 Gauge, Add</i>	1,279.34 412.26	114.37
	22 42 16 16-0011	EA		15" x 17" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR151710).....	1,234.84	98.34
	22 42 16 16-0012	EA		17" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR172210).....	1,259.44	98.34
	22 42 16 16-0013	EA		22" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR222210).....	1,321.38	98.34
	22 42 16 16-0014	EA		25" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR252210).....	1,406.16	100.47
	22 42 16 16-0015	EA		31" x 22" x 11-1/2" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR312210).....	1,698.36	114.37
	22 42 16 16-0016	EA		33" x 22" x 8" Stainless Steel Kitchen Sink, Double Bowl, 18 Gauge (Elkay LR3322).....	1,628.21	114.37
	22 42 16 16-0017			Undermount Kitchen Sinks (22 42 16 16-0001)		
	22 42 16 16-0018	EA		21" x 15" x 7-1/2" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELU2115) With Strainer (Elkay LK99).....	1,103.60	98.34
	22 42 16 16-0019	EA		21" x 15" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELU211510) With Strainer (Elkay LK99).....	1,100.94	98.34
	22 42 16 16-0020	EA		21" x 15" x 7-1/2" Stainless Steel Kitchen Sink With Cutting Board, Single Bowl, 18 Gauge (Elkay ELUH2115) With Strainer (Elkay LK99).....	1,112.71	98.34
	22 42 16 16-0021	EA		21" x 15" x 10" Stainless Steel Kitchen Sink With Cutting Board, Single Bowl, 18 Gauge (Elkay ELUH211510) With Strainer (Elkay LK99).....	1,174.65	98.34
	22 42 16 16-0022	EA		21" x 15-3/4" x 4-3/8" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELUHAD2115) With Strainer (Elkay LK99)..... Note: Available in 4-1/2", 5, or 5-1/2" depths.	1,135.48	98.34
	22 42 16 16-0023	EA		25" x 20-1/2" x 7-7/8" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELUHF2520) With Strainer (Elkay LK99).....	1,294.24	98.34

22 Plumbing**22 40 Plumbing Fixtures****22 42 Commercial Plumbing Fixtures**
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22 42 16 16-0024	EA	32" x 20-1/2" x 7-7/8" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELUHF3320) With Strainer (Elkay LK99).....	1,531.59	98.34
22 42 16 16-0025	EA	21" x 18" x 5-1/2" Deep, Single Compartment Stainless Steel Sink, Undermount, 18 Gauge (Just Manufacturing Co. US-ADA-1821-A).....	906.22	98.34
22 42 16 16-0026	EA	32" x 18" x 5-1/2" Deep, Two Compartment Stainless Steel Sink, Undermount, 18 Gauge (Just Manufacturing Co. UD-ADA-1832-A).....	1,172.73	98.34
22 42 16 16-0027		Multi-Station Wash Sink, Wall Mounted <small>(22 42 16 16-0001)</small> Note: Includes concealed wall hanger, soap dish(s), strainer, supply lines and P-Trap. Excludes faucets.		
22 42 16 16-0028	EA	36" Wide, 2 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™)..... Note: Excludes faucets.	1,928.89	173.69
22 42 16 16-0029	EA	48" Wide, 2 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™)..... Note: Excludes faucets.	2,553.30	187.05
22 42 16 16-0030	EA	60" Wide, 3 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™)..... Note: Excludes faucets.	2,926.78	200.41
22 42 16 16-0031	EA	48" Wide, 2 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951)..... Note: Excludes faucets.	2,261.42	133.61
22 42 16 16-0032	EA	62" Wide, 3 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951)..... Note: Excludes faucets.	2,509.81	146.97
22 42 16 16-0033	EA	80" Wide, 4 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951)..... Note: Excludes faucets.	2,753.32	160.33
22 42 16 16-0034	EA	102" Wide, 5 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951)..... Note: Excludes faucets.	3,055.36	180.37
22 42 16 16-0035	EA	27" Diameter, 2 Person, Stainless Steel, Sensor Operated Compact Wash Fountain..... Note: Includes sensor operated spray heads.	2,932.95	293.94
22 42 16 16-0036		Utility Or Laundry Sinks <small>(22 42 16 16-0001)</small>		
22 42 16 16-0037	EA	23" x 21" Molded Stone Single Laundry Sink, Floor Mounted With Enamel Steel Legs (Fiat Products FL-1).....	661.00	114.37
22 42 16 16-0038	EA	40" x 24" Molded Stone Double Laundry Sink, Floor Mounted With Enamel Steel Legs (Fiat Products FLTD-II).....	758.67	114.37
22 42 16 16-0039	EA	22" x 17" Molded Stone Single Laundry Sink, Drop-In (Fiat Products DL1).....	659.07	114.37
22 42 16 16-0040	EA	24" x 21" Enameled Cast Iron Single Laundry Sink, Floor Mounted With Metal Stand (Eljer 222-2210).....	1,004.28	114.37
22 42 16 16-0041	EA	48" x 21" Enameled Cast Iron Double Laundry Sink, Floor Mounted With Metal Stand (Eljer 222-2220).....	1,421.91	128.27
22 42 16 16-0042		Refinish Sink/Lavatory <small>(22 42 16 16-0001)</small>		
22 42 16 16-0043	EA	Refinish Sink/Lavatory.....	247.73	
22 42 16 16-0044		Service Sinks <small>(22 42 16 16-0001)</small>		
22 42 16 16-0045	EA	22" x 18" Enameled Cast Iron Wall Mount Service Sink With Stainless Steel Rim Guard, Trap Standard (American Standard Lakewell™).....	1,025.42	172.09
22 42 16 16-0046	EA	24" x 20" Enameled Cast Iron Wall Mount Service Sink With Stainless Steel Rim Guard, Trap Standard (American Standard Akron™).....	1,078.69	172.09
22 42 16 16-0047	EA	28" x 28" Enameled Cast Iron Floor Type Corner Service Sink With Removable Vinyl Coated Rim Guard (American Standard Florwell™).....	1,351.76	227.66
22 42 16 16-0048	EA	12" x 12" x 10" Cast Iron Floor Sink With Dome Strainer And Full Grate (Zurn FD2377-PO3-F).....	570.80	160.33
22 42 16 16-0049	EA	24" x 24" x 10" Plastic Composite Mop Service Sink With Combination Dome Strainer And Stainless Steel Lint Basket (Fiat Products MSB2424).....	655.86	160.33
22 42 16 16-0050	EA	36" x 24" x 10" Plastic Composite Mop Service Sink With Combination Dome Strainer And Stainless Steel Lint Basket (Fiat Products MSB3624).....	724.77	192.39
22 42 16 16-0051	EA	24" x 24" x 10" Molded Stone Mop Service Sink With Strainer (Swanstone MS-2424-010).....	621.84	160.33
22 42 16 16-0052	EA	36" x 24" x 10" Molded Stone Mop Service Sink With Strainer (Swanstone MS-2436-010).....	706.81	192.39
22 42 16 16-0053	EA	24" x 24" x 12" Terrazzo Mop Service Sink With Strainer (Acorn TSH-24).....	956.83	160.33
22 42 16 16-0054	EA	36" x 24" x 12" Terrazzo Mop Service Sink With Strainer (Acorn TSH-3624).....	1,181.18	192.39
22 42 16 16-0055	EA	33" x 33" x 10", Type 304 Stainless Steel, ADA Mop Sink (IMC Teddy FS-ADA).....	1,974.81	71.29
22 42 16 16-0056		Stainless Steel Sink And Drainboard <small>(22 42 16 16-0001)</small>		
22 42 16 16-0057	EA	Stainless Steel Sink With One 24" x 24" x 14" Depth Compartment And Drainboard, 14 Gauge Stainless Steel With Tubular Adjustable Legs (Advance Tabco 94-41-24-24L).....	4,416.43	267.21
22 42 16 16-0058		Soapstone Sinks <small>(22 42 16 16-0001)</small>		
22 42 16 16-0059	EA	26-1/2" x 18-1/2" x 7-3/4" Single Bowl Soapstone Sink.....	1,087.42	98.34
22 42 16 16-0060	SF	Soapstone Sink Backsplash.....	172.87	
22 42 16 16-0061	EA	30" x 18-1/2" x 10" Single Bowl Soapstone Sink.....	1,384.64	114.37
22 42 16 16-0062	EA	36" x 18-1/2" x 10" Double Bowl Soapstone Sink.....	1,619.00	114.37
22 42 16 16-0063		Classroom Sinks <small>(22 42 16 16-0001)</small> Note: Includes drain, trap and supply valves.		
22 42 16 16-0064	EA	25" x 17" x 6-1/2", 20 Gauge Stainless Steel, Top Mounting Type, 15-34" x 14" x 6-3/8" Deep Single Bowl, Drop-In Classroom ADA Sink (Elkay CDKAD2517654)..... Note: Includes single manual handle faucet, gooseneck faucet and basket strainer (LKD208513LC, LK1141A, LK35)	777.67	98.34
22 42 16 16-0065		Sink Carriers <small>(22 42 16 16)</small>		
22 42 16 16-0066		Floor Mounted, Sink Carriers <small>(22 42 16 16-0065)</small> Note: With support plates, adjustable coupling with 4" piping connection, mounting studs, structural uprights, welded feet and chrome plated trim.		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 42 16 16-0067	EA			Floor Mounted Heavy Duty Support Plate Type, Single Sink Carrier With 4" Adjustable Coupling.....	828.82	40.62
				<i>For Vandal Proof Trim, Add</i>	76.97	
				<i>For Valve Plate For Attaching To Upright, Add</i>	98.81	
22 42 16 16-0068	EA			Floor Mounted Heavy Duty Support Plate Type, Single Sink Carrier With 4" Adjustable Coupling And 4" x 2" Waste Fitting.....	1,291.96	40.62
				<i>For Vandal Proof Trim, Add</i>	76.97	
				<i>For Auxiliary Vent, Add</i>	227.10	
22 42 16 16-0069	EA			Floor Mounted Heavy Duty Support Plate Type, Single Sink Carrier With Exposed Acid Resistant White Coated Arms	1,621.44	40.62
				<i>For Up To 4" Extension Sleeves And Hardware, Add</i>	58.06	
				<i>For Vandal Proof Trim, Add</i>	76.97	

22 42 16 16-0070				Removal And Reinstallation Of Sink And Trim <small>(22 42 16 16)</small>		
				Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 16 16-0071	EA			Removal And Reinstallation Of Wall Hung Service Sink With Faucet.....	431.00	

22 42 19 Commercial Bathtubs (22 42)

22 42 19 00-0001				Recessed Alcove Bathtubs <small>(22 42 19)</small>		
22 42 19 00-0002				Porcelain Enameled Cast Iron, Recessed Alcove Bathtubs <small>(22 42 19 00-0001)</small>		
22 42 19 00-0003	EA			54" x 30-1/4" x 14", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Seaforth™)	1,500.24	297.14
22 42 19 00-0004	EA			60" x 32" x 16-1/4", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Mendota®).....	1,290.44	297.14
22 42 19 00-0005	EA			60" x 32" x 16-1/4", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Dynamic®).....	1,505.51	297.14
22 42 19 00-0006	EA			66" x 32" x 17", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Bellwether®)	1,927.46	297.14

22 42 19 00-0007				Porcelain Enameled Steel, Recessed Alcove Bathtubs <small>(22 42 19 00-0001)</small>		
22 42 19 00-0008	EA			60" x 30" x 14-1/4", Porcelain Enameled Steel, Recessed Alcove Bathtub (American Standard New Salem®)	684.34	297.14
22 42 19 00-0009	EA			60" x 30" x 16-5/8", Porcelain Enameled Steel, Recessed Alcove Bathtub (American Standard New Solar®).....	699.36	297.14

22 42 19 00-0010				Porcelain Finished Metal Alloy, Recessed Alcove Bathtubs <small>(22 42 19 00-0001)</small>		
22 42 19 00-0011	EA			60" x 32" x 17-3/4", Porcelain Finished Metal Alloy, Recessed Alcove Bathtub (American Standard Cambridge™).....	995.13	297.14

22 42 19 00-0012				Acrylic, Recessed Alcove Bathtubs <small>(22 42 19 00-0001)</small>		
22 42 19 00-0013	EA			60" x 32" x 19", Acrylic, Recessed Alcove Bathtub (Kohler® Archer®)	1,023.54	297.14
22 42 19 00-0014	EA			60" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®)	1,205.18	297.14
22 42 19 00-0015	EA			66" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®)	1,228.64	297.14
22 42 19 00-0016	EA			72" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®)	1,214.22	297.14
22 42 19 00-0017	EA			72" x 42" x 21", Acrylic, Recessed Alcove Bathtub (Kohler® Windward®).....	1,266.09	297.14

22 42 19 00-0018				Bathtub Refinishing <small>(22 42 19 00-0001)</small>		
22 42 19 00-0019	EA			Refinish Porcelain Finished Bathtub With Acrylic Urethane Enamel.....	624.96	

22 42 19 00-0020				Tub And Shower Combinations <small>(22 42 19)</small>		
22 42 19 00-0021				Acrylic Tub And Shower Combination <small>(22 42 19 00-0020)</small>		
22 42 19 00-0022	EA			1 Piece, 60" x 32" x 72" Acrylic Tub And Shower (Delta 226032).....	1,234.18	105.93
				<i>For 2 Piece Enclosure, Deduct</i>	-268.09	

22 42 19 00-0023				Fiberglass Tub And Shower Combination <small>(22 42 19 00-0020)</small>		
22 42 19 00-0024	EA			1 Piece 60" x 32" x 72" Fiberglass Tub And Shower (Aquatic 2603-SG).....	838.40	105.93
22 42 19 00-0025	EA			2 Piece 60" x 30" x 72" Fiberglass Tub And Shower (Aquatic 2603-2P).....	663.68	70.62
22 42 19 00-0026	EA			4 Piece 60" x 32" x 75-1/2" Fiberglass Tub And Shower (Aquatic 26030-4P)	1,327.56	159.89
22 42 19 00-0027	EA			3 Piece Tub/Shower Surrounds, 32" x 72" Side Walls, 48" x 72" Back, (Swanstone SK-324872).....	3,400.58	373.05
				<i>For 2 Piece Enclosure, Deduct</i>	-708.38	

22 42 23 Commercial Showers (22 42)

22 42 23 00-0001				Shower Enclosures <small>(22 42 23)</small>		
				Note: Includes precast concrete receptors. Excludes plumbing hook-up and door or curtain.		
22 42 23 00-0002				Powder Coated Or Baked Enamel Steel Shower Enclosure <small>(22 42 23 00-0001)</small>		
22 42 23 00-0003	EA			32" x 32" x 82" Baked Enamel Steel Shower Enclosure (General Partitions).....	1,678.90	172.40
22 42 23 00-0004	EA			36" x 36" x 82" Baked Enamel Steel Shower Enclosure (General Partitions).....	1,678.90	172.40
22 42 23 00-0005	EA			40" x 40" x 82" Baked Enamel Steel Shower Enclosure (General Partitions).....	2,532.72	172.40
22 42 23 00-0006	EA			40" x 48" x 82" Handicapped, Baked Enamel Steel Shower Enclosure (General Partitions).....	2,786.20	172.40

22 42 23 00-0007				Solid Plastic Core High Density Polymer (HDP) Shower Enclosure <small>(22 42 23 00-0001)</small>		
22 42 23 00-0008	EA			32" x 32" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions).....	2,759.52	172.40
22 42 23 00-0009	EA			36" x 36" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions).....	2,759.52	172.40
22 42 23 00-0010	EA			40" x 40" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions).....	3,960.21	172.40
22 42 23 00-0011	EA			40" x 48" x 82" Handicapped, Solid Plastic Shower Enclosure (General Partitions).....	4,427.15	172.40

22 42 23 00-0012				Composite Fiberglass Shower Enclosure, 4 Piece Knock-Down <small>(22 42 23 00-0001)</small>		
22 42 23 00-0013	EA			32" x 32" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 3232CS)	1,406.86	172.40

22 Plumbing**22 40 Plumbing Fixtures****22 42 Commercial Plumbing Fixtures**
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22 42 23 00-0014	EA	36" x 36" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 3636CS)	1,446.27	172.40
22 42 23 00-0015	EA	34" x 48" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 4834CS)	1,485.68	172.40
22 42 23 00-0016	EA	30" x 60" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 6030CSL)	1,564.50	172.40
22 42 23 00-0017	EA	34" x 60" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 6034CS)	1,668.93	172.40

22 42 23 00-0018 1 Piece Shower Units (22 42 23)

22 42 23 00-0019	EA	1 Piece, 32" x 32" x 73" Fiberglass Shower With Drain (Swanstone FS03232)	1,193.55	105.93
22 42 23 00-0020	EA	1 Piece, 36" x 36" x 73" Fiberglass Shower With Drain (Swanstone FS03636)	1,338.26	105.93

22 42 23 00-0021 Personnel Type Shower Receptors (22 42 23)**22 42 23 00-0022 Acrylic Shower Receptors (22 42 23 00-0021)**

22 42 23 00-0023	EA	36" x 36" Acrylic Shower Receptor	447.34	43.53
22 42 23 00-0024	EA	42" x 42" Acrylic Shower Receptor	472.55	43.53
22 42 23 00-0025	EA	48" x 48" Acrylic Shower Receptor	522.89	43.53
22 42 23 00-0026	EA	60" x 60" Acrylic Shower Receptor	635.83	52.24
22 42 23 00-0027	EA	48" x 32" Acrylic Shower Receptor	448.53	43.53
22 42 23 00-0028	EA	48" x 36" Acrylic Shower Receptor	481.68	43.53
22 42 23 00-0029	EA	48" x 42" Acrylic Shower Receptor	543.36	43.53
22 42 23 00-0030	EA	60" x 30" Acrylic Shower Receptor	872.62	117.40
22 42 23 00-0031	EA	60" x 32" Acrylic Shower Receptor	604.46	52.24
22 42 23 00-0032	EA	60" x 36" Acrylic Shower Receptor	608.73	52.24
22 42 23 00-0033	EA	60" x 42" Acrylic Shower Receptor	612.64	52.24
22 42 23 00-0034	EA	60" x 48" Acrylic Shower Receptor	673.92	52.24
22 42 23 00-0035	EA	36" x 36" Acrylic Corner Shower Receptor	649.40	43.53
22 42 23 00-0036	EA	42" x 42" Acrylic Corner Shower Receptor	744.54	43.53
22 42 23 00-0037	EA	47-1/2" x 47-1/2" Acrylic Corner Shower Receptor	1,198.86	111.53

22 42 23 00-0038 Molded Stone Shower Receptors (22 42 23 00-0021)

22 42 23 00-0039	EA	32" x 32" Molded Stone Shower Receptor (Fiat 32WL)	300.76	43.53
22 42 23 00-0040	EA	34" x 34" Molded Stone Shower Receptor (Fiat 34WL)	314.98	43.53
22 42 23 00-0041	EA	36" x 36" Molded Stone Shower Receptor (Fiat 36WL)	316.57	43.53
22 42 23 00-0042	EA	42" x 42" Molded Stone Shower Receptor (Fiat 4242WL)	386.89	43.53
22 42 23 00-0043	EA	42" x 34" Molded Stone Shower Receptor (Fiat 42WL)	344.22	43.53
22 42 23 00-0044	EA	48" x 32" Molded Stone Shower Receptor (Fiat 4832WL)	363.98	43.53
22 42 23 00-0045	EA	48" x 34" Molded Stone Shower Receptor (Fiat 48WL)	366.35	43.53
22 42 23 00-0046	EA	54" x 34" Molded Stone Shower Receptor (Fiat 54WL)	424.61	52.24
22 42 23 00-0047	EA	60" x 34" Molded Stone Shower Receptor (Fiat 60WL)	439.62	52.24
22 42 23 00-0048	EA	36" x 36" Molded Stone Corner Shower Receptor (Fiat 36WLC)	348.17	43.53
22 42 23 00-0049	EA	38" x 38" Molded Stone Corner Shower Receptor (Fiat 38WLC)	356.87	43.53

22 42 23 00-0050 Precast Terrazzo Shower Receptors (22 42 23 00-0021)

22 42 23 00-0051	EA	30" x 30" Precast Terrazzo Shower Receptor	558.37	43.53
22 42 23 00-0052	EA	32" x 32" Precast Terrazzo Shower Receptor	579.71	43.53
22 42 23 00-0053	EA	34" x 34" Precast Terrazzo Shower Receptor	599.46	43.53
22 42 23 00-0054	EA	36" x 36" Precast Terrazzo Shower Receptor	601.83	43.53
22 42 23 00-0055	EA	40" x 40" Precast Terrazzo Shower Receptor	657.94	43.53
22 42 23 00-0056	EA	42" x 42" Precast Terrazzo Shower Receptor	686.38	43.53
22 42 23 00-0057	EA	48" x 48" Precast Terrazzo Shower Receptor	961.38	43.53
22 42 23 00-0058	EA	36" x 32" Precast Terrazzo Shower Receptor	594.72	43.53
22 42 23 00-0059	EA	42" x 32" Precast Terrazzo Shower Receptor	606.05	43.53
22 42 23 00-0060	EA	42" x 34" Precast Terrazzo Shower Receptor	626.33	43.53
22 42 23 00-0061	EA	42" x 36" Precast Terrazzo Shower Receptor	651.61	43.53
22 42 23 00-0062	EA	32" x 48" Precast Terrazzo Shower Receptor	653.98	43.53
22 42 23 00-0063	EA	48" x 34" Precast Terrazzo Shower Receptor	686.38	43.53
22 42 23 00-0064	EA	54" x 32" Precast Terrazzo Shower Receptor	718.78	43.53
22 42 23 00-0065	EA	60" x 30" Precast Terrazzo Shower Receptor	970.35	52.24
22 42 23 00-0066	EA	60" x 32" Precast Terrazzo Shower Receptor	1,060.01	52.24
22 42 23 00-0067	EA	60" x 34" Precast Terrazzo Shower Receptor	1,064.41	52.24
22 42 23 00-0068	EA	60" x 36" Precast Terrazzo Shower Receptor	1,068.78	52.24
22 42 23 00-0069	EA	32" x 32" Precast Terrazzo Corner Shower Receptor	604.99	43.53
22 42 23 00-0070	EA	34" x 34" Precast Terrazzo Corner Shower Receptor	606.05	43.53
22 42 23 00-0071	EA	36" x 36" Precast Terrazzo Corner Shower Receptor	608.15	43.53
22 42 23 00-0072	EA	40" x 40" Precast Terrazzo Corner Shower Receptor	727.47	43.53
22 42 23 00-0073	EA	36" x 36", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor	1,316.18	43.53
22 42 23 00-0074	EA	60" x 30", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor	1,466.10	52.24
22 42 23 00-0075	EA	60" x 36", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor	1,527.74	52.24

22 42 23 00-0076 Shower Receptors Accessories (22 42 23 00-0021)

22 42 23 00-0077	SF	Polyvinyl Chloride (PVC) Shower Pan Liner	3.83	
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22 42 23 00-0078 Removal And Reinstallation Of Fixtures And Trim (22 42 23)

Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.

22 42 23 00-0079	EA	Removal And Reinstallation Of Shower Head	52.24	
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22 42 33 Wash Fountains (22 42)

	MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 42 33 00-0001		Circular Wash Fountain, Deep Bowl <small>(22 42 33)</small>		
		Note: Includes trim and trap. 2" IPS waste outlets foot control/hand control operated.		
22 42 33 00-0002	EA	36" Stainless Steel Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2705F-A-LSD).....	8,737.49	171.66
		<i>For Metal Soap Dispenser, Add</i>	100.00	
		<i>For Stainless Steel Pedestal Panels, Add</i>	100.00	
22 42 33 00-0003	EA	36" Bradstone® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2805F-A-LSD).....	4,957.28	171.66
		<i>For Metal Soap Dispenser, Add</i>	100.00	
		<i>For Stainless Steel Pedestal Panels, Add</i>	100.00	
22 42 33 00-0004	EA	36" Terreon® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3105AIRLSDE).....	8,586.72	171.66
		<i>For Metal Soap Dispenser, Add</i>	100.00	
		<i>For Stainless Steel Pedestal Panels, Add</i>	100.00	
22 42 33 00-0005	EA	54" Stainless Steel Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2708F-A-LSD).....	11,136.64	196.18
		<i>For Metal Soap Dispenser, Add</i>	100.00	
		<i>For Stainless Steel Pedestal Panels, Add</i>	100.00	
22 42 33 00-0006	EA	54" Bradstone® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2808F-A-LSD).....	5,719.67	196.18
		<i>For Metal Soap Dispenser, Add</i>	100.00	
		<i>For Stainless Steel Pedestal Panels, Add</i>	100.00	
22 42 33 00-0007	EA	54" Terreon® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3108AIRLSDE).....	10,287.95	196.18
		<i>For Metal Soap Dispenser, Add</i>	100.00	
		<i>For Stainless Steel Pedestal Panels, Add</i>	100.00	

22 42 33 00-0008		Semi-Circular Wash Fountain, Deep Bowl <small>(22 42 33)</small>		
		Note: Includes trim and trap. 2" IPS waste outlets foot control/hand control operated.		
22 42 33 00-0009	EA	36" Stainless Steel Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2703F-A-LSD).....	7,623.44	147.13
		<i>For Metal Soap Dispenser, Add</i>	100.00	
		<i>For Stainless Steel Pedestal Panels, Add</i>	100.00	
22 42 33 00-0010	EA	36" Bradstone® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2803F-A-LSD).....	4,525.37	147.13
		<i>For Metal Soap Dispenser, Add</i>	100.00	
		<i>For Stainless Steel Pedestal Panels, Add</i>	100.00	
22 42 33 00-0011	EA	36" Terreon® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3103AIRLSDE).....	6,511.72	147.13
		<i>For Metal Soap Dispenser, Add</i>	100.00	
		<i>For Stainless Steel Pedestal Panels, Add</i>	100.00	
22 42 33 00-0012	EA	54" Stainless Steel Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2704F-A-LSD).....	9,354.55	171.66
		<i>For Metal Soap Dispenser, Add</i>	100.00	
		<i>For Stainless Steel Pedestal Panels, Add</i>	100.00	
22 42 33 00-0013	EA	54" Bradstone® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2804F-A-LSD).....	5,460.17	171.66
		<i>For Metal Soap Dispenser, Add</i>	100.00	
		<i>For Stainless Steel Pedestal Panels, Add</i>	100.00	
22 42 33 00-0014	EA	54" Terreon® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3104AIRLSDE).....	7,745.99	171.66
		<i>For Metal Soap Dispenser, Add</i>	100.00	
		<i>For Stainless Steel Pedestal Panels, Add</i>	100.00	

22 42 39 Commercial Faucets, Supplies, and Trim (22 42)

22 42 39 00-0001		Other Trim <small>(22 42 39)</small>		
22 42 39 00-0002	EA	Faucet Aerator, Male Thread 13/16" Male, 2 GPM (Delta RP330).....	18.24	5.80
22 42 39 00-0003	EA	1-1/2" Pop-up Tailpiece (Chicago Faucet 226-ACP).....	132.60	17.41
22 42 39 00-0004	EA	Lavatory Drainline Guard And Shutoff Covers (IPS Truebro Lav Guard 102).....	64.20	16.04
22 42 39 00-0005	EA	Soft Lavatory Drainline Guard And Shutoff Covers (IPS Truebro Soft-Guard Plus).....	67.07	16.04
22 42 39 00-0006	EA	Lavatory Protective Enclosure (IPS Truebro Lav Shield).....	165.66	16.04
22 42 39 00-0007	EA	36" Wide, Undersink Protective Enclosure (IPS Truebro Basin Guard).....	202.58	16.04
22 42 39 00-0008	EA	42" Wide, Undersink Protective Enclosure (IPS Truebro Basin Guard).....	229.40	16.04
22 42 39 00-0009	EA	1/2" NPT x 3/8" Compression Chrome, Quarter Turn Angle Stop (SharkBite 23036).....	36.21	11.22
22 42 39 00-0010	EA	1/2" NPT x 3/8" Compression Chrome, Quarter Turn Straight Stop (SharkBite 23037).....	36.21	11.22
22 42 39 00-0011	EA	1/2" NPT x 3/8" Compression Chrome, Quarter Turn Dual Angle Stop (SharkBite 25558).....	48.75	11.22
22 42 39 00-0012	PR	Pair of 16" Long, 3/8" OD x 1/2" IPS, Stainless Steel Braided Sink Supply Line.....	34.85	12.33
22 42 39 00-0013	EA	12" Long, 3/8" OD x 7/8" BC, Stainless Steel Braided Toilet Supply Line.....	21.56	7.25
22 42 39 00-0014	EA	12" Long, 1/2" OD x 7/8" BC, Stainless Steel Braided Toilet Supply Line.....	22.13	7.25

22 42 39 00-0015 Kitchen Faucets (22 42 39)

22 42 39 00-0016	EA	Top Cast Kitchen Faucet, Single Handle, Chrome Finish (Delta 140-DST).....	191.72	53.44
22 42 39 00-0017	EA	Top Cast Kitchen Faucet With Spray, Single Handle, Chrome Finish (Delta 440-DST).....	215.04	53.44
22 42 39 00-0018	EA	Top Cast Kitchen Faucet, Single Handle, Stainless Steel Finish (Delta 140-SS-DST).....	201.82	53.44
22 42 39 00-0019	EA	Top Cast Kitchen Faucet With Spray, Single Handle, Stainless Steel Finish (Delta 440 -SS-DST).....	227.34	53.44
22 42 39 00-0020	EA	Top Cast Kitchen Faucet, Two Handle, Chrome Finish, 8" Center, Lever Handles (Delta 2102LF-LHP+H24).....	179.40	53.44
22 42 39 00-0021	EA	Top Cast Kitchen Faucet With Spray, Two Handle, Chrome Finish, 8" Center, Lever Handles (Delta 2402LF-LHP+H24).....	195.82	53.44
22 42 39 00-0022	EA	Top Cast Kitchen Faucet, Two Handle, Chrome Finish, Center Gooseneck Faucet, Lever Handles (Delta 21987LF).....	251.19	53.44
22 42 39 00-0023	EA	Top Cast Kitchen Faucet With Spray, Two Handle, Chrome Finish, Center Gooseneck Faucet, Lever Handles (Delta 21996LF).....	181.71	53.44
22 42 39 00-0024	EA	Bottom Mount Kitchen Faucet, Single Handle, Chrome Finish (Delta 101LF-WF).....	175.49	53.44
22 42 39 00-0025	EA	Bottom Mount Kitchen Faucet With Spray, Single Handle, Chrome Finish (Delta 175LF-WF).....	205.89	53.44

22 Plumbing**22 40 Plumbing Fixtures****22 42 Commercial Plumbing Fixtures**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 42 39 00-0026	EA	Bottom Mount Kitchen Faucet, Two Handle, Chrome Finish, Gooseneck Faucet, Lever Handles (Delta 2274-LHP+H24).....	346.70	53.44
22 42 39 00-0027	EA	Bottom Mount Kitchen Faucet With Spray, Two Handle, Chrome Finish, Gooseneck Faucet, Lever Handles (Delta 2276-LHP+H24).....	379.35	53.44
22 42 39 00-0028	EA	Deck Mount Sink Faucet, 8" Center Set, Lever Handles (Chicago Faucet 1100 ABCP).....	358.85	58.04
22 42 39 00-0029	EA	Deck Mount Sink Faucet, 8" Center Set, 4" Wristblade Handles (Chicago Faucet 1100-GN2AE3-317CP).....	357.26	58.04
22 42 39 00-0030	EA	Deck Mount Gooseneck Sink Faucet, 4" Center Set, Blade Handles (Chicago Faucet 802-317CP).....	269.41	58.04
22 42 39 00-0031	EA	Chrome Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041CR).....	607.25	53.44
22 42 39 00-0032	EA	Brushed Nickel Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041NK).....	765.67	53.44
22 42 39 00-0033	EA	Oil Rubbed Bronze Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041RB).....	818.48	53.44
22 42 39 00-0034	EA	Chrome Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041CR).....	607.25	53.44
22 42 39 00-0035	EA	Brushed Nickel Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041NK).....	765.67	53.44
22 42 39 00-0036	EA	Oil Rubbed Bronze Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041RB).....	818.48	53.44

22 42 39 00-0037 Lavatory Faucets (22 42 39)

22 42 39 00-0038	EA	Single Handle Centerset Lavatory Faucet, Polished Chrome Finish (Delta Lahara 538-MPU-DST).....	227.85	38.48
22 42 39 00-0039	EA	4" Centerset Lavatory Faucet With Chrome Lever Handle (Delta 501LF-WF).....	160.40	38.48
22 42 39 00-0040	EA	4" Classic Style Centerset Lavatory Faucet With Chrome Lever Handles (Delta 2523LF-MPU).....	197.30	38.48
22 42 39 00-0041	EA	4" Centerset Lavatory Faucet With Chrome Lever Handles (Delta 2529LF-HDM).....	215.69	38.48
22 42 39 00-0042	EA	Classic Style Widespread Lavatory Faucet With Chrome Lever Handles (Delta 3530LF-MPU).....	263.21	38.48
22 42 39 00-0043	EA	Widespread Lavatory Gooseneck Faucet With Chrome Lever Handles (Delta 3579LF-WFHDF).....	305.42	38.48
22 42 39 00-0044	EA	Self Closing/Metered Faucet, Brass, Single Hole, Push Handle (Delta 86T104).....	189.36	38.48
22 42 39 00-0045	EA	Self Closing/Metered Faucet, Double Hole, Push Handles (American Standard 1340.225.002).....	284.36	38.48
22 42 39 00-0046	EA	Single Inlet, Push Handle Metering Faucet, ADA (Chicago Faucet 333-665).....	207.01	38.48
22 42 39 00-0047	EA	3" Reach, 4-Arm Handle Single Basin Faucet (T&S Brass 0710).....	211.64	38.48
22 42 39 00-0048	EA	3" Reach, Push Handle Self-Closing Valve, Single Basin Metering Faucet (T&S Brass 0712).....	254.02	38.48
22 42 39 00-0049	EA	4" Reach, Push Handle Self-Closing Valve, Single Basin Metering Faucet (T&S Brass 0805).....	249.01	38.48
22 42 39 00-0050	EA	4" Classic Style Centerset Lavatory Faucet With Chrome Lever Handles (Zurn Z81104).....	204.80	38.48

22 42 39 00-0051 Bath And Shower Faucets (22 42 39)**22 42 39 00-0052 Bath And Shower Faucets With Valve Body (22 42 39 00-0051)**

22 42 39 00-0053	EA	Single Lever Handle Chrome Tub Filler, Pressure-Balance (American Standard T480 500).....	213.14	46.39
22 42 39 00-0054	EA	Single Lever Handle, Chrome Shower Only, Pressure-Balance (American Standard T480.501).....	247.93	46.39
22 42 39 00-0055	EA	Single Lever Handle, Chrome Shower And Tub Filler, Pressure-Balance (American Standard T480.502).....	270.24	46.39
22 42 39 00-0056	EA	Two Lever Handle, Chrome Tub Filler (American Standard Colony Soft 3275.505).....	197.97	46.39
		<i>For Faucet With Metal Cross Handles, Add</i>	45.75	
22 42 39 00-0057	EA	Two Lever Handle, Chrome Shower Only (American Standard Colony Soft 3275.501).....	206.89	46.39
		<i>For Faucet With Metal Cross Handles, Add</i>	45.75	
22 42 39 00-0058	EA	Two Lever Handle, Chrome Shower And Tub Filler (American Standard Colony Soft 3275.502).....	232.77	46.39
		<i>For Faucet With Metal Cross Handles, Add</i>	45.75	
22 42 39 00-0059	EA	Three Lever Handle, Chrome Shower And Tub Filler (American Standard Colony Soft 3375.502).....	262.21	46.39
		<i>For Faucet With Metal Cross Handles, Add</i>	45.75	

22 42 39 00-0060 Shower Valves And Trim (22 42 39)

See CSI section 22 41 39 00-0011 for residential shower valves and heads.

22 42 39 00-0061	EA	Removable Hand Held Shower With Hose Wall Hook And Inline Vacuum Breaker (Powers 141-318 with 141-319).....	351.94	72.15
22 42 39 00-0062	EA	Concealed Thermostatic/Pressure Balancing Control Valve With Chrome Plated Shower Head (Chicago Faucet 2502-600CP).....	760.33	72.15
22 42 39 00-0063	EA	Concealed Pressure Balancing Control Valve With Chrome Plated Shower Head (Chicago Faucet 1762-ISCP).....	535.36	72.15
22 42 39 00-0064	EA	Senior Institutional Shower Head (Symmons® 4-150).....	207.56	46.39
22 42 39 00-0065	EA	Universal Institutional Shower Head (Symmons® 4-151).....	340.42	46.39
22 42 39 00-0066	EA	Fre-Flo Institutional Shower Head (Symmons® 4-295).....	242.54	46.39
22 42 39 00-0067	EA	Fre-Flo Institutional Shower Head With Short Arm (Symmons® 4-385).....	185.25	46.39
22 42 39 00-0068	EA	Wall Mounted Shower Valve And Slide Bar, Single Lever Concealed Mixer (Symmons® 96-300-B30-V-X).....	758.05	69.48
22 42 39 00-0069	EA	Wall Mounted Shower Valve, Tub Faucet, And Slide Bar, Single Lever Concealed Mixer (Symmons® 96-400-B30-V-X).....	628.33	80.17
22 42 39 00-0070	EA	Wall Mounted Shower Valve, Slide Bar And Head, Single Lever Concealed Mixer (Symmons® 96-500-B30-V-X).....	822.22	80.17
22 42 39 00-0071	EA	Wall Mounted Shower Valve, Tub Faucet, Slide Bar And Head, Single Lever Concealed Mixer (Symmons® 96-600-B30-V-X).....	1,150.20	85.50
22 42 39 00-0072	EA	Stainless Steel Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Soap Dish, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-801S/1-802S).....	1,045.51	72.15
		<i>For Hand Spray, Hose And Wall Hooks, Add</i>	106.44	
		<i>For Recessed Soap Dish, Add</i>	108.12	
		<i>For Hand Spray, Hose And 30" Slide Bar, Add</i>	165.51	
		<i>For Pressure Balance And Metering Combination, Add</i>	291.63	
22 42 39 00-0073	EA	Stainless Steel Corner Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Soap Dish, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-807).....	1,239.13	72.15
		<i>For Hand Spray, Hose And Wall Hooks, Add</i>	106.44	
		<i>For Recessed Soap Dish, Add</i>	108.12	
		<i>For Hand Spray, Hose And 30" Slide Bar, Add</i>	165.51	
		<i>For Pressure Balance And Metering Combination, Add</i>	291.63	
22 42 39 00-0074	EA	Stainless Steel Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S).....	850.33	72.15
		<i>For Hand Spray, Hose And Wall Hooks, Add</i>	19.32	
		<i>For Hand Spray, Hose And 30" Slide Bar, Add</i>	78.39	
		<i>For Pressure Balance And Metering Combination, Add</i>	291.63	
22 42 39 00-0075	EA	Stainless Steel Institutional Shower System With Flat Wall Recessed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-911RS).....	1,273.17	72.15
		<i>For Pressure Balance And Metering Combination, Add</i>	291.63	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 42 39 00-0076	EA		Stainless Steel Double Outlet Institutional Shower System With Thru-Ceiling Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-902S-FS).....	1,364.32	72.15
			<i>For Hand Spray, Hose And 30" Slide Bar, Add</i>	59.07	
			<i>For Pressure Balance And Metering Combination, Add</i>	291.63	
22 42 39 00-0077	EA		Stainless Steel Institutional Triple Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Heads, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-931)	2,499.60	72.15
			<i>For Recessed Soap Dish, Add</i>	83.94	
			<i>For Pressure Balance And Metering Combination, Add</i>	227.79	
22 42 39 00-0078	EA		Stainless Steel Institutional Double Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Heads, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-921)	2,186.10	72.15
			<i>For Recessed Soap Dish, Add</i>	83.94	
			<i>For Pressure Balance And Metering Combination, Add</i>	291.63	
22 42 39 00-0079	EA		Stainless Steel Tub And Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-941-231)	1,107.60	72.15
22 42 39 00-0080	EA		Stainless Steel Double Outlet Institutional Shower System With Flat Wall Recessed Piping Covering, Vandal Resistant Adjustable Shower Head, Hand Spray, Hose, Wall Hooks, Soap Dish And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-912RS-FS).....	1,689.19	72.15
			<i>For Hand Spray, Hose And 30" Slide Bar, Add</i>	59.07	
			<i>For Pressure Balance And Metering Combination, Add</i>	291.63	
22 42 39 00-0081	EA		Stainless Steel Single Supply Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S-60).....	1,106.14	72.15
22 42 39 00-0082	EA		Stainless Steel Single Supply Single Outlet Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S-22-FS).....	1,102.93	72.15
			<i>For Hand Spray, Hose And 30" Slide Bar, Add</i>	59.07	
22 42 39 00-0083	EA		Single Lever Handle, Chrome, Pressure-Balance, Shower System (Symmons SafetyMix 1-100-X-3/4).....	812.63	64.13
22 42 39 00-0084	EA		Single Lever Handle, Chrome, Pressure-Balance, Shower Valve (Symmons SafetyMix 4-500)	626.30	46.39

22 42 39 00-0085 Service Sink Faucets (22 42 39)

22 42 39 00-0086	EA		4-5/8" Spout With Vacuum Breaker, Wall Mount Service Sink Faucet With Lever Handles (Kohler® Kinlock™).....	456.97	88.98
22 42 39 00-0087	EA		3" Spout, Wall Mount, Service Sink Faucet With Lever Handles (American Standard 8340.235)	332.59	88.98
22 42 39 00-0088	EA		3" Spout With Vacuum Breaker, Wall Mount Service Sink Faucet With Lever Handles (American Standard 8340.243)	356.68	88.98
22 42 39 00-0089	EA		6" Spout With Vacuum Breaker And Top Brace, Wall Mount Service Sink Faucet, Lever Handles (American Standard 8344.012).....	369.17	88.98
22 42 39 00-0090	EA		7-1/4" Spout With Bottom Fork Brace, Stops In Integral Arm, Wall Mount Service Sink Faucet With Wrist Blade Handles (American Standard 8355.101)	484.18	124.74
22 42 39 00-0091	EA		7-1/4" Spout With Vacuum Break And Bottom Fork Brace, Stops In Integral Arm, Wall Mount Service Sink Faucet With Wrist Blade Handles (American Standard 8355.110)	543.02	142.16
22 42 39 00-0092	EA		11" Spout With Bottom Fork Brace, Stops In Integral Arm, Wall Mount Service Sink Faucet With Wrist Blade Handles (American Standard 8345.115)	621.54	142.16
22 42 39 00-0093	EA		Wall Mount Service Sink Faucet With Atmospheric Vacuum Breaker Spout, Lever Handles (Chicago Faucet 305-VBRCF)	366.54	88.98
22 42 39 00-0094	EA		44" Flexible Stainless Steel Hose With Insulated Handle, 23" Riser, Pre-Rinse Faucet (Chicago Faucet 923-XKCAB).....	740.03	142.16

22 42 39 00-0095 Laboratory Faucets And Fittings (22 42 39)

22 42 39 00-0096	EA		Cold Faucet, Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Laboratory Faucet (Chicago Faucet 927)	185.85	37.84
22 42 39 00-0097	EA		Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Hot And Cold, Laboratory Faucet (Chicago Faucet 929)	302.27	53.44
22 42 39 00-0098	EA		Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Hot And Cold, Laboratory Faucet With Vacuum Breaker (Chicago Faucet 930)	388.13	53.44
22 42 39 00-0099	EA		Cold Wall Mount, Gooseneck Spout With Aerator, Laboratory Faucet (Chicago Faucet 933).....	242.58	49.91
22 42 39 00-0100	EA		6" Spout With Aerator, Wall Mount, Hot And Cold, Laboratory Faucet (Chicago Faucet 940).....	330.45	71.19
22 42 39 00-0101	EA		6" Spout With Aerator And Vacuum Breaker, Wall Mount, Hot And Cold, Laboratory Faucet (Chicago Faucet 940-VBE7-CP).....	442.40	71.19
22 42 39 00-0102	EA		Dual Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Hot And Cold, Laboratory Faucet (Chicago Faucet 946)	353.09	53.44
22 42 39 00-0103	EA		Gooseneck Spout With Aerator, Wall Mount, Hot And Cold, Laboratory Faucet (Chicago Faucet 942).....	350.79	71.19
22 42 39 00-0104	EA		Single Control, Single Hole Deck Mount Sink Faucet (Chicago Faucet 350-CP)	228.46	41.09
22 42 39 00-0105	EA		Dual Control, Single Hole Deck Mount Sink Faucet (Chicago Faucet 50-CP)	321.92	58.04
22 42 39 00-0106	EA		4" Center Set, Deck Mount, Lavatory Faucet With Blade Handles (Chicago Faucet 802).....	250.97	58.04
22 42 39 00-0107	EA		4" Center Set, Deck Mount, Gooseneck Sink Faucet With Blade Handles (Chicago Faucet 895-317ABCP).....	303.63	58.04
22 42 39 00-0108	EA		Gas Ball Valve, Removable Nozzle, With Index Button (Chicago Faucet 909-AGVCP)	83.78	35.70
22 42 39 00-0109	EA		Dual Service Lab Fitting, Two Gas And One Water Outlet (Chicago Faucet 1332-CP).....	486.72	64.13
22 42 39 00-0110	EA		Dual Service Lab Fitting With Wristblade Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-317CP)	621.97	64.13
22 42 39 00-0111	EA		Dual Service Lab Fitting With Metal Cross Handle, Inline Vacuum Breaker, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7-204CP)	745.19	64.13
22 42 39 00-0112	EA		Dual Service Lab Fitting With Plastic Cross Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7CP).....	660.58	64.13
22 42 39 00-0113	EA		Dual Service Lab Fitting With Chemical Resistant Coating And Plastic Cross Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7SAM).....	783.96	64.13
22 42 39 00-0114	EA		Single, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-131WSA)	154.59	35.27
22 42 39 00-0115	EA		90 Degree Double, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-132AWSA).....	216.88	42.33
22 42 39 00-0116	EA		180 Degree Double, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-132SWSA).....	216.88	42.33
22 42 39 00-0117	EA		Three Way, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-133WSA).....	279.16	49.38
22 42 39 00-0118	EA		Four Way, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-134WSA).....	341.43	56.43

22 42 39 00-0119 Gooseneck Faucets With Independent Eyewash (22 42 39)

22 42 39 00-0120	EA		Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA).....	854.06	40.08
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22 Plumbing**22 40 Plumbing Fixtures****22 42 Commercial Plumbing Fixtures**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 42 39 00-0121	EA	Single Lever Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-SL).....	925.90	37.41
22 42 39 00-0122	EA	8" Stem, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-8).....	1,195.32	40.08
22 42 39 00-0123	EA	Serrated Tip With Vacuum Breaker, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-ST).....	1,262.50	40.08
22 42 39 00-0124	EA	Thermostatic Mixing Valve Kit For The SEF-1800 (Speakman SEF-TW).....	1,533.79	26.73
22 42 39 00-0125	EA	Foot Pedal Activation, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-FP).....	1,848.47	66.81
22 42 39 00-0126	EA	Thermostatic Mixing Valve Kit, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-TW).....	2,581.32	66.81
22 42 39 00-0127	EA	8" Stem, Thermostatic Mixing Valve Kit, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-8TW).....	2,666.82	66.81
22 42 39 00-0128	EA	Adjustable Aerated Outlet Heads, Gooseneck Faucet Mounted Eyewash (WaterSaver EW101).....	289.23	40.63
22 42 39 00-0129	EA	Gooseneck Faucet Mounted Eyewash With Faucet Control Valve (WaterSaver EW200).....	317.90	40.63
22 42 39 00-0130	EA	Gooseneck Faucet Mounted Eyewash With Faucet Control Valve (WaterSaver EW201).....	342.93	40.63
22 42 39 00-0131	EA	6 Gallon Capacity, Tempering Valve (WaterSaver AP3600).....	1,496.47	26.73

22 42 39 00-0132 Bubblers And Glass Fillers (22 42 39)

22 42 39 00-0133	EA	Self-Closing Bubbler Faucet, Metering Handle (Chicago Faucet 748-665CP).....	321.48	37.84
22 42 39 00-0134	EA	Wall Mount Glass Filler, 1/2" Flanged Female Inlet (Chicago Faucet 313-CP).....	290.08	49.91
22 42 39 00-0135	EA	7" Overall Outlet Height, Deck Mount Glass Filler, 1/2" Flanged Female Inlet (Chicago Faucet 709-CP).....	317.21	37.84
22 42 39 00-0136	EA	Wall Mount, Push Button Single Glass Filler (Chicago Faucet 324-CP).....	202.79	54.21
22 42 39 00-0137	EA	Deck Mount, Lever Handle Drinking Faucet (Haws 5054LF).....	375.60	41.09
22 42 39 00-0138	EA	Push Button Bubbler, 1/2" OD (Haws 5017LF).....	380.51	41.09
22 42 39 00-0139	EA	Push Button Bubbler, 3/8" NPT (Haws 5010-6427).....	318.49	41.09

22 42 39 00-0140 Automatic Electronic Sensor Faucets (22 42 39)

22 42 39 00-0141	EA	Electronic Lavatory Faucet (American Standard 6055.205.002).....	592.24	89.14
		<i>For Faucet With Temperature Control, Add</i>	40.00	
22 42 39 00-0142	EA	Electronic Lavatory Gooseneck Faucet (American Standard 6055.105.002).....	597.59	89.14
		<i>For Faucet With Temperature Control, Add</i>	40.00	
22 42 39 00-0143	EA	Electronic Gooseneck Faucet (Chicago Faucet 116.103.AB.1).....	796.10	96.80
22 42 39 00-0144	EA	Electronic Lavatory Faucet (Chicago Faucet 116.112.AB.1).....	827.11	89.14
22 42 39 00-0145	EA	Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-30880).....	1,220.05	96.80
22 42 39 00-0146	EA	Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-30880-BDT).....	1,521.73	96.80
22 42 39 00-0147	EA	Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-35187).....	1,422.80	96.80
22 42 39 00-0148	EA	Solar Powered, Electronic Lavatory Faucet With Integral Mixing Valve (Sloan Solis EAF-275-ISM).....	998.11	89.14
22 42 39 00-0149	EA	Deck Mount, AC Power, Electronic Lavatory Faucet (T&S Brass EC1100).....	1,005.25	89.14
22 42 39 00-0150	EA	Wall Mount, AC Power, Electronic Lavatory Faucet (T&S Brass EC1101).....	1,062.10	89.14
22 42 39 00-0151	EA	Deck Mount, AC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC1102).....	919.98	89.14
22 42 39 00-0152	EA	Deck Mount, DC Power, Electronic Lavatory Faucet (T&S Brass EC2100).....	1,062.10	89.14
22 42 39 00-0153	EA	Deck Mount, DC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC2102).....	927.90	89.14
22 42 39 00-0154	EA	Deck Mount, AC Power, Electronic Lavatory Gooseneck Faucet (T&S Brass EC3100).....	927.90	89.14
22 42 39 00-0155	EA	Wall Mount, AC Power, Electronic Lavatory Gooseneck Faucet (T&S Brass EC3101).....	1,044.77	89.14
22 42 39 00-0156	EA	Deck Mount, AC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC3102).....	886.03	89.14
22 42 39 00-0157	EA	4" Deck Mount, AC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC3103).....	850.17	89.14
22 42 39 00-0158	EA	Self-Generating EcoPower System, Single Supply Sensor Faucet, Standard Spout (Toto "Eco-Power" TEL3GKCN-60).....	1,190.95	89.14

22 42 39 00-0159 Removal And Reinstallation Of Fixtures And Trim (22 42 39)

Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.

22 42 39 00-0160	EA	Removal And Reinstallation Of Faucet.....	92.85	
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22 42 43 Flushometers (22 42)**22 42 43 00-0001 Water Closet Flush Valves (22 42 43)**

22 42 43 00-0002	EA	Exposed Manual Water Closet Flush Valve (Sloan Regal-115XL).....	313.72	36.45
22 42 43 00-0003	EA	Exposed Manual Water Closet Flush Valve (Sloan Regal-113-1.6).....	303.71	36.45
22 42 43 00-0004	EA	Exposed Manual Water Closet Flush Valve (Sloan Regal-110 Or 111).....	353.98	36.45
22 42 43 00-0005	EA	Back Spud, Concealed Manual Water Closet Flush Valve (Sloan Royal-140).....	488.80	36.45
22 42 43 00-0006	EA	Top Spud, Concealed Manual Water Closet Flush Valve (Sloan Royal-142).....	545.30	36.45
22 42 43 00-0007	EA	Exposed Infrared Water Closet Flush Valve (Sloan Royal 115-1.6 ES-S).....	1,009.17	36.45
22 42 43 00-0008	EA	Concealed Infrared Water Closet Flush Valve, Back Spud (Sloan Royal-140 ES-S).....	1,007.07	36.45
22 42 43 00-0009	EA	Concealed Infrared Water Closet Flush Valve, Top Spud (Sloan Royal-153-1.6-ES-S).....	1,064.06	36.45
22 42 43 00-0010	EA	Exposed Battery Powered Water Closet Flush Valve (Sloan G2 Optima Plus 8113).....	987.55	36.45
22 42 43 00-0011	EA	Dual Flush Water Closet Flush Valve (Sloan Uppercut WES-115).....	431.16	36.45
		Note: "Green", 1.6 Gallons or 1.1 Gallons per flush. Includes instructional placards on proper operation.		
22 42 43 00-0012	EA	Exposed Battery Powered Water Closet Flush Valve (Sloan G2 Optima Plus 8110).....	680.05	36.45
22 42 43 00-0013	EA	Side Mount Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan Optima EBV-89A).....	426.01	36.45
22 42 43 00-0014	EA	Side Mount Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Technical Concepts 40118X).....	425.57	36.45
22 42 43 00-0015	EA	Slide Over Handle Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan Optima Smooth EBV-200A).....	432.84	32.06
22 42 43 00-0016	EA	Slide Over Handle Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Technical Concepts 40180X).....	471.24	32.06
22 42 43 00-0017	EA	1.28 GPF, Exposed Infrared Water Closet Flush Valve (Toto EcoPower TET1LN).....	1,023.91	36.45
22 42 43 00-0018	EA	Exposed Infrared Water Closet Flush Valve (1-1/2" V.B.) 1.28 GPF (Toto EcoPower TET1LN32).....	1,123.23	36.45
22 42 43 00-0019	EA	1.28 GPF, Back Spud, Concealed Infrared Water Closet Flush Valve (Toto EcoPower TET2LN31 Or TET3LN31).....	1,429.23	36.45
22 42 43 00-0020	EA	1.28 GPF, Top Spud, Concealed Infrared Water Closet Flush Valve (Toto EcoPower TET2LN32 Or TET3LN32).....	1,429.23	36.45
22 42 43 00-0021	EA	Exposed Infrared Water Closet Flush Valve (Zurn ZEMS6000AV-HET-IS).....	924.82	36.45
22 42 43 00-0022	EA	Exposed Infrared Water Closet Flush Valve (Zurn ZTS6200EV).....	916.97	36.45
22 42 43 00-0023	EA	Slide Over Handle AC Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan EL-600-A).....	454.40	32.06

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 42 43 00-0024	EA	6 Volt DC, 120 Volt AC Hardwired Power Transformer (Sloan EL-451)	139.79	5.72
22 42 43 00-0025	EA	Exposed Solar/Battery Powered Water Closet Flush Valve (Sloan Solis 8111-1.28)	555.00	36.45
22 42 43 00-0026	EA	Exposed Manual Water Closet Flush Valve (Zurn Z6000AV-HET).....	338.16	36.45
22 42 43 00-0027	EA	Exposed Battery Powered Water Closet Flush Valve (Zurn ZER6000AV-HET).....	938.90	36.45
22 42 43 00-0028		Urinal Flush Valves <small>(22 42 43)</small>		
22 42 43 00-0029	EA	3/4" Top Spud, Exposed Manual Urinal Flush Valve (Sloan Regal 186 XL)	235.78	36.45
		Note: 0.5, 1.0 or 1.5 GPF.		
22 42 43 00-0030	EA	1-1/4" Top Spud, Exposed Manual Urinal Flush Valve (Sloan Regal 180)	253.46	36.45
		Note: 1.0, 1.5 or 3.5 GPF.		
22 42 43 00-0031	EA	Back Spud, Concealed Manual Urinal Flush Valve (Sloan Royal 195).....	337.95	36.45
		Note: 1.0 or 1.5 GPF.		
22 42 43 00-0032	EA	Top Spud, Concealed Manual Urinal Flush Valve (Sloan Royal 197).....	407.54	36.45
		Note: 1.0 or 1.5 GPF.		
22 42 43 00-0033	EA	Exposed Infrared Urinal Flush Valve (Sloan Royal 186-ES-S).....	636.96	36.45
		Note: 1.0 or 1.5 GPF.		
22 42 43 00-0034	EA	Back Spud, Concealed Infrared Urinal Flush Valve (Sloan Royal 195-WB-ES-S).....	853.53	36.45
		Note: 0.5, 1.0 or 1.5 GPF.		
22 42 43 00-0035	EA	Top Spud, Concealed Infrared Urinal Flush Valve (Sloan Royal 197-WB-ES-S).....	956.68	36.45
		Note: 0.5, 1.0 or 1.5 GPF.		
22 42 43 00-0036	EA	Top Spud, Exposed Battery Powered Urinal Flush Valve (Sloan G2 Opt+8186-1).....	626.61	36.45
		Note: 1.0 GPF.		
22 42 43 00-0037	EA	Foot Operated Flush Valve.....	706.94	36.45
		Note: Can be used for water closets.		
22 42 43 00-0038	EA	Exposed Infrared Urinal Flush Valve (3/4" V.B.) (Toto EcoPower TEU1LN12).....	1,116.83	36.45
		Note: 0.5 GPF.		
22 42 43 00-0039	EA	Top Spud, Exposed Solar/Battery Powered Urinal Flush Valve (Sloan Solis 8186-0.13).....	501.56	36.45
		Note: 0.13 GPF.		
22 42 43 00-0040	EA	3/4" Top Spud, Exposed Manual Urinal Flush Valve (Zurn Z6003AV-ULF).....	268.97	36.45
		Note: 0.125 GPF.		
22 42 43 00-0041	EA	Top Spud, Exposed Battery Powered Urinal Flush Valve (Zurn ZTR6203-ULF)	675.22	36.45
		Note: 0.125 GPF.		
22 42 43 00-0042	EA	Exposed Infrared Urinal Flush Valve (Zurn ZEMS6003AV-ULF-IS).....	683.16	36.45
		Note: 0.125 GPF.		
22 42 43 00-0043		Removal And Reinstallation Of Fixtures And Trim <small>(22 42 43)</small>		
		Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 43 00-0044	EA	Removal And Reinstallation Of Flush Valve	145.09	
22 42 43 00-0045		Plumbing Control Transformers <small>(22 42 43)</small>		
22 42 43 00-0046	EA	6 Volt DC, 120 Volt AC Plug In Style Power Transformer (Zurn P6000-PC6)	64.11	
22 42 46		Chemical Toilets <small>(22 42)</small>		
		Note: Includes toilet, urinal, holding tank, and ventilation system. Building to be priced separately.		
22 42 46 00-0001		Standard Chemical Toilets <small>(22 42 46)</small>		
22 42 46 00-0002		Small Tank Chemical Toilets <small>(22 42 46 00-0001)</small>		
22 42 46 00-0003	EA	Chemical Toilet, Small Tank 7,000 Uses/Year.....	4,446.34	1,068.86
		<i>For Extra Urinal, Add</i>	145.35	
22 42 46 00-0004		Medium Tank Chemical Toilets <small>(22 42 46 00-0001)</small>		
22 42 46 00-0005	EA	Chemical Toilet, Medium Tank 13,000 Uses/Year.....	5,283.51	1,273.02
		<i>For Extra Urinal, Add</i>	172.06	
22 42 46 00-0006		Large Tank Chemical Toilets <small>(22 42 46 00-0001)</small>		
22 42 46 00-0007	EA	Chemical Toilet, Large Tank 28,000 Uses/Year	6,386.63	1,444.03
		<i>For Extra Urinal, Add</i>	234.67	
22 43		Healthcare Plumbing Fixtures <small>(22 40)</small>		
22 43 13		Healthcare Water Closets <small>(22 43)</small>		
22 43 13 00-0001		Healthcare Water Closets <small>(22 43 13)</small>		
22 43 13 00-0002	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Healthcare Water Closet With Bedpan Holding Rim (American Standard Priolo® ADA)	869.36	111.16
22 43 13 00-0003	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Healthcare Water Closet With Bedpan Holding Rim (American Standard Madera™ ADA).....	690.36	111.16
22 43 16		Healthcare Sinks <small>(22 43)</small>		
22 43 16 00-0001		Healthcare Sinks <small>(22 43 16)</small>		
		Note: Includes trap, drain and supply valves. Excludes faucets and flush valves.		
22 43 16 00-0002	EA	25" x 21", Wall Mounted, Blow Out Flushing Rim, Vitreous China Clinic Service Sink (American Standard)	1,220.41	71.61
22 43 16 00-0003	EA	29" x 20", Floor Mounted, Siphon Jet Flushing Rim, Vitreous China Clinic Service Sink (American Standard).....	1,316.81	205.75
22 43 16 00-0004	EA	28" x 22", Wall Mounted, Vitreous China Surgeon's Scrub Sink (American Standard).....	1,172.60	71.61
		<i>For Painted Bracket Supports, Add</i>	28.50	
22 43 16 00-0005	EA	20" x 17", Wall Mounted, Vitreous China Intensive Care Unit Sink (American Standard).....	1,029.16	71.61

22 Plumbing**22 40 Plumbing Fixtures****22 43 Healthcare Plumbing Fixtures**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 43 16 00-0006			Surgical Scrub Sinks <small>(22 43 16)</small>		
22 43 16 00-0007	EA		25" Wide x 20" Deep x 43" High Single Surgical Scrub Sink (FHSS25-IR) Note: Features infra red sensor operated water, under counter mixing valve, swivel gooseneck spout with aerator. Unit will be supported by a z-bracket and main support bracket supplied with the sink.	5,077.01	160.33
22 43 16 00-0008	EA		32" Wide x 27-1/2" Deep x 37-1/8" High Single Surgical Scrub Sink (FHSS32)..... Note: Features knee operated water and soap, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support. 14 gauge 304 SS and skirts are 16 gauge 304 SS.	7,784.17	213.77
22 43 16 00-0009	EA		32" Wide x 27-1/2" Deep x 37-1/8" High Single Surgical Scrub Sink (FHSS32-IR)..... Note: Features infra red sensor operated water, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support. 14 gauge 304 SS and skirts are 16 gauge 304 SS.	7,784.17	213.77
22 43 16 00-0010	EA		64" Wide x 27-1/2" Deep x 37-1/8" High Double Surgical Scrub Sink (FHSS64)..... Note: Features knee operated water and soap, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support. 14 gauge 304 SS and skirts are 16 gauge 304 SS.	10,274.65	267.21
22 43 16 00-0011	EA		64" Wide x 27-1/2" Deep x 37-1/8" High Double Surgical Scrub Sink (FHSS64-IR)..... Note: Features infra red sensor operated water, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support. 14 gauge 304 SS and skirts are 16 gauge 304 SS.	10,274.65	267.21
22 43 16 00-0012	EA		96" Wide x 27-1/2" Deep x 37-1/8" High Triple Surgical Scrub Sink (FHSS96)..... Note: Features knee operated water and soap, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support. 14 gauge 304 SS and skirts are 16 gauge 304 SS.	13,415.19	320.66
22 43 16 00-0013	EA		96" Wide x 27-1/2" Deep x 37-1/8" High Triple Surgical Scrub Sink (FHSS96-IR)..... Note: Features infra red sensor operated water, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support. 14 gauge 304 SS and skirts are 16 gauge 304 SS.	13,415.19	320.66
22 43 16 00-0014	EA		Single Chair Carrier (FHC P-617106-846).....	539.54	80.17
22 43 16 00-0015	EA		Double Chair Carrier (FHC P-617106-851).....	571.90	85.50
22 43 16 00-0016	EA		Triple Chair Carrier (FHC P-617106-852).....	625.92	90.85
22 43 16 00-0017	EA		60" Wide x 23" Deep x 38-1/4" High, 2.2 GPM, Laminar Flow Spray Head, Chrome Color Finish, Wall Mounted, Stainless Steel Scrub Sink (Sloan ESS-2100-C).....	12,308.15	106.89
22 43 39			Healthcare Faucets <small>(22 43)</small>		
22 43 39 00-0001			Medical Faucet Spouts <small>(22 43 39)</small>		
22 43 39 00-0002	EA		Deck Mounted, Rigid Gooseneck Medical Lavatory Spout (American Standard 7522).....	101.31	16.04
22 43 39 00-0003			Centerset Medical Faucets <small>(22 43 39)</small>		
22 43 39 00-0004	EA		Rigid Gooseneck Centerset Medical Lavatory Faucet, 8" Centers 6" Wrist Action Handles, Adjustable Centers (T&S B-0865-04).....	505.17	78.45
22 43 39 00-0005	EA		Swivel Gooseneck Centerset Medical Lavatory Faucet, 8" Centers, 6" Wrist Action Handles, Adjustable Centers (T&S B-0866-04).....	510.74	78.45
22 43 39 00-0006	EA		Swivel Gooseneck Centerset Medical Lavatory Faucet With Aerator 8" Centers, 6" Wrist Action Handles, Adjustable Centers (T&S B-0867-04).....	510.18	78.45
22 43 39 00-0007	EA		Surgical Sink Rigid Gooseneck Faucets, 8" Centers, 6" Wrist Action Handles (T&S B-0322-04).....	457.21	78.45
22 43 39 00-0008	EA		Surgical Sink Rigid Gooseneck Faucets With Stream Regulator Outlet, 8" Centers, 6" Wrist Action Handles (T&S B-0323-04).....	438.25	78.45
22 43 39 00-0009			Electronic Proximity Medical Faucets <small>(22 43 39)</small>		
22 43 39 00-0010	EA		DC Or Plug-In AC Powered, Single Inlet, Electronic Proximity Medical Lavatory Faucet (American Standard Selectronic™ ICU).....	576.88	78.45
22 43 39 00-0011			Bedpan Washers <small>(22 43 39)</small>		
22 43 39 00-0012	EA		Self Closing Pedal Valve Bed Pan Washer, With Volume Control, Vacuum Breaker, Wall Hook Hose Connection, Polyvinyl Chloride Hose (T&S B-0675).....	1,190.54	142.58
22 43 39 00-0013	EA		Pedal Valve Bed Panwasher With Volume Control Valve, Vacuum Breaker, Wall Hook Hose Connection, Extended Spray Polyvinyl Chloride Hose (T&S B-0676).....	1,132.15	142.58
22 43 39 00-0014	EA		Self Closing Single Pedal Valve Bedpan Washer With Volume Control, Vacuum Breaker, Wall Hook Hose Connection Polyvinyl Chloride Hose (T&S B-0685).....	1,114.86	142.58
22 43 39 00-0015	EA		Single Pedal Valve Bedpan Washer With Volume Control, Vacuum Breaker, Wall Hook Hose Connection, Polyvinyl Chloride Hose, Extended Spray (T&S B-0686).....	1,098.04	142.58
22 43 39 00-0016			Foot And Knee Faucet Controls <small>(22 43 39)</small>		
22 43 39 00-0017	EA		Single Supply Metering Pedal Valve (Chicago Faucet 628).....	389.22	142.58
22 43 39 00-0018	EA		Double Supply Metering Pedal Valve (Chicago Faucet 625).....	450.79	142.58
22 43 39 00-0019	EA		Knee Actuated Metering Mixing Valve (Chicago Faucet 745-VOCP).....	925.34	142.58
22 43 43			Healthcare Plumbing Fixture Flushometers <small>(22 43)</small>		
22 43 43 00-0001			Healthcare Plumbing Fixture Flushometers <small>(22 43 43)</small>		
22 43 43 00-0002	EA		Exposed Manual Service Sink Flush Valve (Sloan Royal-117).....	231.11	36.45

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 43 43 00-0003	EA		Exposed Manual Water Closet Flush Valve With Bedpan Washer (Sloan Slimline BPW).....	510.13	36.45
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22 43 46 Healthcare Patient Care Units (22 43)

22 43 46 00-0001 Patient Care Units (22 43 46)

22 43 46 00-0002	EA		47" Swivel Toilet Modular Sink And Water Closet Patient Care Unit (Willoughby WH-1700-AQCT-WB-BWSEV)	19,070.04	213.77
			For SDB Single Temperature Dialysis Box, Add	1,395.48	
			For DDB Dual Temperature Dialysis Box, Add	1,482.16	
			For BWSEV Bedpan Washer With Elevated Valve, Add	1,078.74	
			For LOCK Flush Valve Lockout Device, Add	786.58	
22 43 46 00-0003	EA		31" Swing Front Cabinet Modular Sink And Water Closet Patient Care Unit (Willoughby WH-2600-SST-DC-AQCT-WB)	15,023.74	187.05
			For SDB Single Temperature Dialysis Box, Add	1,395.48	
			For DDB Dual Temperature Dialysis Box, Add	1,482.16	
			For BWSEV Bedpan Washer With Elevated Valve, Add	1,078.74	
			For LOCK Flush Valve Lockout Device, Add	786.58	

22 43 46 00-0004 Patient Care Plumbing Accessories (22 43 46)

22 43 46 00-0005	EA		One Valve Supply Recessed Stainless Steel Dialysis Box With Locking Door (Bradley 7920)	1,818.47	29.02
22 43 46 00-0006	EA		Two Valve Supply Recessed Stainless Steel Dialysis Box With Locking Door (Bradley 7919)	2,003.53	29.02

22 45 Emergency Plumbing Fixtures (22 45)

22 45 13 Emergency Showers (22 45)

22 45 13 00-0001 Emergency Drench Showers (22 45 13)

22 45 13 00-0002 Emergency Drench Showers (Haws) (22 45 13 00-0001)

Note: Includes one pull rod.

22 45 13 00-0003	EA		Horizontal Or Vertical Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8122)	701.56	187.05
22 45 13 00-0004	EA		Horizontal Or Vertical Mounted, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8123)	803.18	187.05
22 45 13 00-0005	EA		Horizontal Mounted, Barrier-Free, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8122HWC)	859.64	187.05
22 45 13 00-0006	EA		Horizontal Or Vertical Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8130)	1,029.02	187.05
22 45 13 00-0007	EA		Horizontal Mounted, All Stainless Steel, Corrosion Resistant, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8133H)	1,379.06	187.05
22 45 13 00-0008	EA		Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8100)	1,093.75	213.77
22 45 13 00-0009	EA		Wall Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Stainless Steel Push Flag (Haws 8111FP)	1,198.01	240.50
22 45 13 00-0010	EA		Flush To Ceiling, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8169)	1,090.74	240.50
22 45 13 00-0011	EA		Concealed Ceiling Supply, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8163)	1,113.33	240.50
22 45 13 00-0012	EA		Flush To Ceiling, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead And Pull Down Lever Ball Valve Mounted In A Recessed Stainless Steel Cabinet (Haws 8164)	1,536.76	240.50

22 45 13 00-0013 Emergency Drench Showers (Speakman) (22 45 13 00-0001)

Note: Includes one pull rod.

22 45 13 00-0014	EA		Vertical Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-220)	609.59	187.05
22 45 13 00-0015	EA		Horizontal Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-227)	627.18	187.05
22 45 13 00-0016	EA		Floor Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-253)	975.71	213.77

22 45 13 00-0017 Emergency Drench Showers (WaterSaver) (22 45 13 00-0001)

Note: Includes one pull rod.

22 45 13 00-0018	EA		Emergency Shower, Vertically Mounted (WaterSaver ES635)	792.08	187.05
22 45 13 00-0019	EA		Emergency Shower, Horizontally Mounted (WaterSaver ES643)	810.36	187.05
22 45 13 00-0020	EA		All-Stainless Steel, Emergency Shower, Horizontally Mounted (WaterSaver ES691)	1,705.50	187.05
22 45 13 00-0021	EA		Emergency Shower, Recess Mounted (WaterSaver ES629)	1,249.53	240.50
22 45 13 00-0022	EA		Emergency Shower, Semi-Concealed (WaterSaver ES658)	1,663.10	240.50

22 45 13 00-0023 Emergency Drench Showers (Guardian) (22 45 13 00-0001)

22 45 13 00-0024	EA		11-3/4" Bowl Diameter, 20 GPM, 2 Spray Heads, Height Impact Plastic, Flip Top Dust Covers, Pull Handle Activator, Emergency Wash Station Drench Shower (Guardian G1902P)	1,168.89	213.77
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22 45 13 00-0025 Emergency Drench Showers (Hughes) (22 45 13 00-0001)

22 45 13 00-0026	EA		41-5/16" Length x 40-13/16" Width x 94-13/16" Height, Covered ABS Eye/Face Wash, Emergency Cubicle Shower (Hughes SD32K45G)	9,606.73	213.77
22 45 13 00-0027	EA		30-13/16" Length x 19-13/16" Width x 103" Height, Floor Mounted, Closed ABS Bowl, Galvanized Pipe, Top Inlet, Floor Mounted, Emergency Shower Station (Hughes 18G45GT)	1,580.56	213.77

22 45 16 Eyewash Equipment (22 45)

22 45 16 00-0001 Emergency Eyewash Equipment (22 45 16)

22 45 16 00-0002 Emergency Eyewash Equipment (Haws) (22 45 16 00-0001)

22 45 16 00-0003	EA		Faucet Mounted, Stainless Steel Emergency Eyewash (Haws Axion® eyePOD® 7620)	304.27	5.35
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22 Plumbing**22 40 Plumbing Fixtures****22 45 Emergency Plumbing Fixtures**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 45 16 00-0004	EA	Wall Mounted, Freeze Protected, Emergency Eye Wash With Soft-Flo Heads And Stainless Steel Bowl (Haws 7433FP).....	1,446.43	240.50
22 45 16 00-0005		Emergency Eyewash Equipment (WaterSaver) (22 45 16 00-0001)		
22 45 16 00-0006	EA	Auto Flow, Right Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW805).....	765.53	53.44
22 45 16 00-0007	EA	Auto Flow, Left Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW805LH).....	765.53	53.44
22 45 16 00-0008	EA	Right Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW806).....	779.38	53.44
22 45 16 00-0009	EA	Left Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW806LH).....	779.38	53.44
22 45 16 00-0010	EA	Stainless Steel Bowl, Emergency Eye Wash, Deck Mounted (WaterSaver EW822).....	1,033.63	53.44
22 45 16 00-0011	EA	Swing-Down, Auto Flow, Emergency Eye Wash, Wall Mounted (WaterSaver EW848).....	1,176.86	53.44
22 45 16 00-0012	EA	Swing-Down, Auto Flow, Emergency Eye Wash, Deck Mounted (WaterSaver EW849).....	1,176.86	53.44
22 45 16 00-0013	EA	Right Hand Mounting, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW893).....	2,175.84	53.44
22 45 16 00-0014	EA	Left Hand Mounting, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW893LH).....	2,175.84	53.44
22 45 16 00-0015	EA	Right Hand Mounting, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW895).....	2,276.62	53.44
22 45 16 00-0016	EA	Left Hand Mounting, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW895LH).....	2,276.62	53.44
22 45 16 00-0017	EA	Swing-Down, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Wall Mounted (WaterSaver EW898).....	2,806.98	53.44
22 45 16 00-0018	EA	Swing-Down, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW899).....	2,806.98	53.44
22 45 16 00-0019	EA	Ball Valve With Flag Handle, Emergency Eye Wash, Recess Deck Mounted (WaterSaver EW808).....	1,419.16	187.05
22 45 16 00-0020	EA	Push-Down Valve, Emergency Eye Wash, Recess Deck Mounted (WaterSaver EW810).....	1,399.61	187.05
22 45 16 00-0021	EA	Stainless Steel Bowl, Emergency Eye Wash, Wall Mounted (WaterSaver EW814).....	1,014.31	187.05
22 45 16 00-0022	EA	Stainless Steel Bowl And Cover, Emergency Eye Wash, Wall Mounted (WaterSaver EW814BC).....	1,420.64	187.05
22 45 16 00-0023	EA	Plastic Bowl, Emergency Eye Wash, Wall Mounted (WaterSaver EW814P).....	869.24	187.05
22 45 16 00-0024		Emergency Eyewash Equipment (Fendall) (22 45 16 00-0001)		
22 45 16 00-0025	EA	7 Gallon Capacity, 15-minute Constant Flow, Plastic, Mounted Eyewash Station (Fendall H-3838)..... Note: Includes emergency sign, installation DVD, mounting bracket and tamper seal	648.77	58.04
22 45 16 00-0026		Emergency Eyewash Equipment (Porta Stream) (22 45 16 00-0001)		
22 45 16 00-0027	EA	26" Height x 20" Width x 20" Depth, 16 Gallon Capacity, Eyewash Station (Porta Stream II H-1142).....	480.98	38.65
22 45 16 00-0028		Emergency Eyewash Equipment (Pure Flow) (22 45 16 00-0001)		
22 45 16 00-0029	EA	30" Height x 29" Width x 23" Depth, 0.4 GPM Constant Flow, 7 Gallon Capacity, Eyewash Station (Pure Flow 1000 H-1297).....	623.40	58.04
22 45 16 00-0030		Emergency Eyewash Equipment (U-Line) (22 45 16 00-0001)		
22 45 16 00-0031	EA	11-1/2" Bowl Diameter, Twin Spray Heads, Flip-top Dust Covers, Plastic, Mounted Eyewash Station (U-Line H-5457)..... Note: Includes emergency sign and inspection tag	705.27	232.14
22 45 16 00-0032	EA	11-1/2" Bowl Diameter, Twin Spray Heads, Flip-top Dust Covers, Stainless Steel, Mounted Eyewash Station (U-Line H-5795)..... Note: Includes emergency sign and inspection tag	792.90	232.14
22 45 16 00-0033	EA	20" Height x 11" Width x 14" Depth, 3-minute Constant Flow, 1 Gallon Capacity, Pull Strap Activation, Wall Mounted Or Tabletop Use Flash Flood Eyewash Station (U-Line H-7917).....	249.22	38.65
22 45 16 00-0034	EA	1" Head Diameter, Single Faucet With Easy Pull-knob, Faucet Mounted Eyewash Station (U-Line H-5100).....	140.12	19.38
22 45 23 Personal Eyewash Equipment (22 45)				
22 45 23 00-0001		Portable Eyewash Equipment (22 45 23)		
22 45 23 00-0002		Portable Eyewash Equipment (Bradley) (22 45 23 00-0001)		
22 45 23 00-0003	EA	Wall Mounted, Portable Gravity Fed Eyewash Unit With Clear Tank (Bradley S19-921).....	304.46	16.04
22 45 23 00-0004	EA	Wall Mounted, Portable Gravity Fed Eyewash Unit With Insulated Heater Jacket (Bradley S19-921H).....	1,595.66	16.04
22 45 23 00-0006	EA	5 Gallon Portable Pressurized Tank With Eyewash Only (Bradley S19-671).....	727.80	
22 45 23 00-0007	EA	5 Gallon Portable Pressurized Tank With Eyewash And 8' Drench Hose For Facewash (Bradley S19-672).....	868.20	
22 45 26 Eye/Face Wash Equipment (22 45)				
22 45 26 00-0001		Emergency Eye/Face Wash Equipment (22 45 26)		
22 45 26 00-0002		Emergency Eye/Face Wash Equipment (Haws) (22 45 26 00-0001)		
22 45 26 00-0003	EA	Unmounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7460)..... Note: Excludes p-trap and tailpiece.	758.40	133.61
22 45 26 00-0004	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly Without Receptor (Haws 7324).....	763.66	187.05
22 45 26 00-0005	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7260B-7270B)..... Note: Excludes p-trap and tailpiece.	746.73	187.05
22 45 26 00-0006	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7260BT-7270BT)..... Note: Excludes p-trap and tailpiece.	813.35	187.05
22 45 26 00-0007	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360B-7460B)..... Note: Excludes p-trap and tailpiece.	820.12	187.05
22 45 26 00-0008	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360BT-7460BT)..... Note: Excludes p-trap and tailpiece.	900.29	187.05
22 45 26 00-0009	EA	Wall Mounted, Barrier-Free, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360BTWC).....	1,220.98	187.05

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 45 26 00-0010	EA	Wall Mounted, All Stainless Steel, Corrosion Resistant, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl And Dust Cover (Haws 7778B).....	2,293.69	187.05
22 45 26 00-0011	EA	Pedestal Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7261-7271).....	935.67	213.77
22 45 26 00-0012	EA	Pedestal Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7361-7461).....	1,065.52	213.77
22 45 26 00-0013	EA	Pedestal Mounted, All Stainless Steel, Corrosion Resistant, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7777).....	2,375.36	213.77
22 45 26 00-0014	EA	Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 7611).....	631.95	53.44
22 45 26 00-0015	EA	Right Side Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Stainless Steel Axion® MSR Wash Head Assembly (Haws 7612).....	609.37	53.44
22 45 26 00-0016	EA	Left Side Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Stainless Steel Axion® MSR Wash Head Assembly (Haws 7612LH).....	637.60	53.44
22 45 26 00-0017	EA	Wall Or Deck Mounted, Barrier-Free, Swing-Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 7610).....	801.33	53.44
22 45 26 00-0018	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet (Haws 7655WCC).....	1,957.18	267.21
22 45 26 00-0019	EA	Surface Wall Mounted, Wheelchair Accessible, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet (Haws 7655WCSM).....	2,364.07	213.77
22 45 26 00-0020	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet And Drain Pan (Haws 7656WCC).....	2,431.44	267.21
22 45 26 00-0021	EA	Surface Wall Mounted, Wheelchair Accessible, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet And Drain Pan (Haws 7656WCSM).....	2,849.61	213.77
22 45 26 00-0022 Emergency Eye/Face Wash Equipment (Speakman) (22 45 26 00-0001)				
22 45 26 00-0023	EA	Wall Mounted, Lifesaver® Emergency Eye/Face Wash And Plastic Bowl (Speakman SE-495).....	682.87	187.05
22 45 26 00-0024	EA	Floor Mounted, DuraJade™ Finish, Lifesaver® Emergency Eye/Face Wash And Plastic Bowl (Speakman SE-496).....	835.00	213.77
22 45 26 00-0025 Emergency Eye/Face Wash Equipment (WaterSaver) (22 45 26 00-0001)				
22 45 26 00-0026	EA	Wide Area, Emergency Eye/Face Wash With Stainless Steel Bowl, Wall Mounted (WaterSaver FE724).....	1,269.30	187.05
22 45 26 00-0027	EA	Wide Area, Emergency Eye/Face Wash With Stainless Steel Bowl And Cover, Wall Mounted (WaterSaver FE724BC).....	1,675.63	187.05
22 45 26 00-0028	EA	Wide Area, Push-Down Valve, Emergency Eye/Face Wash, Recess Deck Mounted (WaterSaver FE727).....	1,623.97	187.05
22 45 26 00-0029	EA	Push-Down Valve, Emergency Eye/Face Wash, Recess Deck Mounted (WaterSaver FE765).....	1,500.71	187.05
22 45 26 00-0030	EA	Auto Flow, Right Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE774).....	805.85	53.44
22 45 26 00-0031	EA	Auto Flow, Left Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE774LH).....	805.85	53.44
22 45 26 00-0032	EA	Right Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE775).....	781.81	53.44
22 45 26 00-0033	EA	Left Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE775LH).....	781.81	53.44
22 45 26 00-0034	EA	Swing-Down, Auto Flow, Emergency Eye/Face Wash, Wall Mounted (WaterSaver FE778).....	1,194.93	53.44
22 45 26 00-0035	EA	Swing-Down, Auto Flow, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE779).....	1,194.93	53.44
22 45 26 00-0036 Emergency Eye/Face Wash Equipment (Guardian) (22 45 26 00-0001)				
Note: Includes one pull rod.				
22 45 26 00-0037	EA	All-Stainless Steel Handicapped Accessible Safety Station With WideArea™ Eye/Face Wash (Guardian GBF1994).....	5,367.57	187.05
22 45 29 Hand-Held Emergency Drench Hoses (22 45)				
22 45 29 00-0001 Hand-Held Emergency Eye/Face/Body Wash With Hose (22 45 29)				
22 45 29 00-0002 Hand-Held Emergency Eye/Face/Body Wash With Hose (Haws) (22 45 29 00-0001)				
22 45 29 00-0003	EA	Counter Mounted, Hand-Held Emergency Eye/Face/Body Wash With Axion® MSR Wash Head Assembly And 8' Hose (Haws 8904).....	675.61	66.81
22 45 29 00-0004	EA	Wall Mounted, Hand-Held Emergency Eye/Face/Body Wash With Axion® MSR Wash Head Assembly And 12' Recoil Hose (Haws 8905).....	777.24	66.81
22 45 29 00-0005 Hand-Held Emergency Eye/Face/Body Wash With Hose (WaterSaver) (22 45 29 00-0001)				
22 45 29 00-0006	EA	Emergency Drench Hose Unit, Deck Mounted (WaterSaver EW1020).....	618.20	66.81
22 45 29 00-0007	EA	Emergency Drench Hose Unit, Wall Mounted (WaterSaver EW1025).....	569.94	66.81
22 45 29 00-0008	EA	Emergency Eye Wash Drench Hose Unit, Wall Mounted (WaterSaver EW1014).....	853.87	66.81
22 45 29 00-0009	EA	Emergency Eye Wash Drench Hose Unit, Deck Mounted (WaterSaver EW1022).....	800.17	66.81
22 45 29 00-0010	EA	Emergency Eye Wash Drench Hose Unit, Wall Mounted (WaterSaver EW1026).....	819.40	66.81
22 45 29 00-0011	EA	Ball Valve With Flag Handle, Emergency Eye Wash Drench Hose Unit, Deck Mounted (WaterSaver EW1028).....	1,072.59	66.81
22 45 29 00-0012	EA	Ball Valve With Flag Handle And Vacuum Breaker, Emergency Eye Wash Drench Hose Unit, Deck Mounted (WaterSaver EW1028VB).....	1,240.99	66.81
22 45 29 00-0013	EA	Emergency Eye Wash Drench Hose Unit, 45 Degree Panel Mounted (WaterSaver EW1041).....	1,183.89	66.81
22 45 33 Combination Emergency Fixture Units (22 45)				
22 45 33 00-0001 Emergency Shower With Eye/Face Wash (22 45 33)				
22 45 33 00-0002 Emergency Shower With Eye/Face Wash (Haws) (22 45 33 00-0001)				
22 45 33 00-0003	EA	Floor Mounted, All Stainless Steel, Corrosion Resistant, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8330).....	3,997.58	347.38
22 45 33 00-0004	EA	Floor Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eyewash With Soft-Flo Heads And Stainless Steel Bowl (Haws 8300FP).....	2,710.33	347.38
Note: Includes freeze protection bury valve.				
22 45 33 00-0005	EA	Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8300-8309).....	1,891.68	347.38

22 Plumbing

22 40 Plumbing Fixtures

22 45 Emergency Plumbing Fixtures

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 45 33 00-0006	EA		Floor Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eyewash With Soft-Flo Heads And Stainless Steel Bowl (Haws 8300.158).....	3,003.91	347.38
22 45 33 00-0007	EA		Floor Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8300CRP-8309CRP).....	2,207.85	347.38
22 45 33 00-0008	EA		Floor Mounted, Barrier-Free, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8309WC).....	2,077.99	347.38
22 45 33 00-0009	EA		Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317).....	1,778.76	347.38
22 45 33 00-0010	EA		Floor Mounted, Corrosion Resistant, PVC Plastic, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8336).....	2,902.29	347.38
22 45 33 00-0011	EA		Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Ceiling Mounted Axion® MSR Stainless Steel Showerhead (Haws 8355WCC).....	3,178.93	347.38
22 45 33 00-0012	EA		Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8355WCW).....	3,241.04	347.38
22 45 33 00-0013	EA		Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan And Ceiling Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCC).....	3,619.31	347.38
22 45 33 00-0014	EA		Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan, Daylight Drain And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCDD).....	3,839.50	347.38
22 45 33 00-0015	EA		Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCW).....	3,777.39	347.38
22 45 33 00-0016	EA		Floor Mounted, 120 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFP).....	5,640.52	347.38
22 45 33 00-0017	EA		Floor Mounted, 220 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFP.220V).....	5,945.40	347.38
22 45 33 00-0018	EA		Floor Mounted, C1D1 Rated, 120 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFPC1D1).....	12,551.04	347.38
22 45 33 00-0019	EA		Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8320-8325).....	1,778.76	347.38
22 45 33 00-0020	EA		Floor Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8320CRP).....	2,010.24	347.38
22 45 33 00-0021			Emergency Shower With Eye/Face Wash (Speakman) (22 45 33 00-0001)		
22 45 33 00-0022	EA		Floor Mounted, Emergency Drench Shower With Plastic Showerhead And Eye/Face Wash With Plastic Bowl (Speakman SE-690).....	1,595.67	347.38
22 45 33 00-0023	EA		3.18 GPM, 1-1/4" IPS Galvanized Steel Piping, Durajade Powder-Coat, Yellow Bowl Color, ADA compliant, Push-handle Activated, Pull-rod Shower, Brass Fittings, Floor Mounted, Combination Emergency Station (Speakman SE-697).....	1,113.59	213.77
22 45 33 00-0024			Emergency Shower With Eye/Face Wash (WaterSaver) (22 45 33 00-0001)		
22 45 33 00-0025	EA		All-Stainless Steel, Wide Area, Emergency Shower With Eye/Face Wash Station, Floor Mounted (WaterSaver SS994).....	5,612.45	290.18
22 45 33 00-0026	EA		Polished Chrome Construction, Wide Area, Emergency Shower With Eye/Face Wash Station, Floor Mounted (WaterSaver SS909PCC).....	5,734.91	290.18
22 45 33 00-0027	EA		Emergency Shower With Eye Wash Station And Stainless Steel Bowl, Floor Mounted (WaterSaver SS902).....	2,283.72	290.18
22 45 33 00-0028	EA		Emergency Shower With Eye Wash Station And Plastic Bowl, Floor Mounted (WaterSaver SS902P).....	2,093.20	290.18
22 45 33 00-0029	EA		Emergency Shower With Eye Wash Station And Stainless Steel Bowl And Cover, Floor Mounted (WaterSaver SS902BC).....	2,690.06	290.18
22 45 33 00-0030			Emergency Shower With Eye/Face Wash (Guardian) (22 45 33 00-0001)		
22 45 33 00-0031	EA		Emergency Eye Wash Station With Plastic Bowl And Shower Head (Guardian H-5101).....	1,300.23	232.14
22 45 33 00-0032	EA		Emergency Eye Wash Station With Stainless Steel Bowl And Shower Head (Guardian H-6618).....	2,597.38	232.14
22 45 33 00-0033	EA		Emergency Eye Wash Station With Plastic Bowl And Shower Head (U-Line H-6697).....	1,098.45	232.14
22 45 33 00-0034			Emergency Shower With Eye/Face Wash (Hughes) (22 45 33 00-0001)		
22 45 33 00-0035	EA		120 Volt, 35-13/64" Length x 14-45/64" Width x 104-1/2" Height, Freeze Protected, ABS Bowl, Floor Mounted, Emergency Shower Station (Hughes H5G45G-1H).....	3,514.17	213.77
22 45 33 00-0036	EA		29-1/2" Length x 12-13/32" Width x 103" Height, Open ABS Bowl, Galvanized Pipe, Floor Mounted, Emergency Combination Shower (Hughes 18G75G).....	1,341.88	213.77
22 45 36			Emergency Fixture Water-Tempering Equipment (22 45)		
22 45 36 00-0001			Emergency Fixture Water-Tempering Equipment (22 45 36)		
22 45 36 00-0002			Emergency Fixture Water-Tempering Equipment (Haws) (22 45 36 00-0001)		
22 45 36 00-0003	EA		10 GPM, 1/2" Inlet, 1/2" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201EW).....	715.13	66.81
22 45 36 00-0004	EA		12 GPM, 1/2" Inlet, 3/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201EFE).....	1,048.24	66.81
22 45 36 00-0005	EA		31 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201E).....	1,539.43	66.81
22 45 36 00-0006	EA		78 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9202E).....	1,816.07	66.81
22 45 36 00-0007	EA		31 GPM, 1" Inlet, 1-1/4" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws 9201H).....	2,572.62	66.81
22 45 36 00-0008	EA		12 GPM, 1/2" Inlet, 3/4" Outlet, Secondary High Temperature Limit Valve, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.EWE).....	2,713.76	66.81
22 45 36 00-0009	EA		74 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.SHE).....	4,559.96	66.81
22 45 36 00-0010	EA		78 GPM, 2" Inlet, 2" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.HF).....	5,480.23	66.81

	Plumbing	22
	Plumbing Fixtures	22 40
	Emergency Plumbing Fixtures	22 45
	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 45 36 00-0011	EA		1/2" Inlet, 1/2" Outlet, Brass Scald Protection Bleed Valve (Haws SP157B)	799.82	66.81
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22 45 39 Emergency Plumbing Fixture Accessories (22 45)

22 45 39 00-0001			Emergency Plumbing Fixture Accessories (22 45 39)		
22 45 39 00-0002			Emergency Plumbing Fixture Accessories (Haws) (22 45 39 00-0001)		
22 45 39 00-0003	EA		Pedestal Mounted, Powder Coated Aluminum Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220).....	183.90	21.38
22 45 39 00-0004	EA		Wall Mounted, Powder Coated Aluminum Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220W)	257.29	21.38
22 45 39 00-0005	EA		Pedestal Mounted, Stainless Steel Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220SS).....	268.58	21.38
22 45 39 00-0006	EA		Axion® MSR Stainless Steel Showerhead For Emergency Drench Showers (Haws SP829SS).....	298.33	8.02
22 45 39 00-0007	EA		Stainless Steel Dust Cover For Emergency Eye/Face Wash Bowls (Haws 9102).....	304.27	5.35
22 45 39 00-0008	EA		3-Sided ABS Plastic Safety Sign For Emergency Combination Shower And Eyewash Units (Haws 9020).....	331.90	10.69
22 45 39 00-0009	EA		Emergency Body Spray Kit With 8' Hose And ABS Plastic Head For Emergency Plumbing Fixtures (Haws 8901RFK).....	583.77	80.17
22 45 39 00-0010	EA		Class 1, Div. 1, Group B, C And D, Indicator Light For Emergency Plumbing Fixtures (Haws 8317IDLTEXP)	599.39	34.34
22 45 39 00-0011	EA		Vapor Tight And Gasketed, Green Area Light For Emergency Plumbing Fixtures (Haws 8317LT).....	892.97	34.34
22 45 39 00-0012	EA		Privacy Curtain For Horizontal Emergency Drench Shower Or Combination Emergency Drench Shower And Eyewash Units (Haws 9037).....	1,048.24	80.17
22 45 39 00-0013	EA		Class 1, Div. 1, Group B, C And D, White Area Light For Emergency Plumbing Fixtures (Haws 8317LTEXP).....	1,993.91	34.34
22 45 39 00-0014	EA		1/2" Supply, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001.5).....	2,204.97	114.47
22 45 39 00-0015	EA		1-1/4" Supply, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001).....	2,250.13	114.47
22 45 39 00-0016	EA		1-1/4" Supply, Class 1, Division 2, Groups B, C, And D Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001EXP)	4,181.02	114.47
22 45 39 00-0017	EA		1-1/4" Supply, 90 db, Class 1, Division 1, Groups C And D, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001EXPC1D1)	7,963.73	114.47

22 45 39 00-0018 Emergency Plumbing Fixture Accessories (Speakman) (22 45 39 00-0001)

22 45 39 00-0019	EA		Privacy Curtain For Emergency Showers	1,050.16	80.17
			Note: Curtain includes stainless steel curtain rod and mounting accessories.		

22 45 39 00-0020 Emergency Plumbing Fixture Accessories (WaterSaver) (22 45 39 00-0001)

22 45 39 00-0021	EA		Hand And Foot Control For Emergency Eyewash Equipment (WaterSaver HFC)	163.76	17.41
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22 45 39 00-0022 Emergency Plumbing Fixture Accessories (U-Liner) (22 45 39 00-0001)

22 45 39 00-0023	EA		58" Height x 29" Width x 20" Depth, Portable Eyewash Stand (U-Line H-5193).....	166.23	14.51
			Note: Includes eyewash station bolts to stand		
22 45 39 00-0024	EA		12" Height x 18" Width, Aluminum, Corrosion Resistant With Engineer-grade Reflective Surface, Eyewash Sign (U-Line S-17343A).....	63.61	14.51
22 45 39 00-0025	EA		7" Height x 10" Width, 0.055" Thick HDPE, Plastic, Eyewash Sign (U-Line S-17343P)	38.17	9.28
			Note: Includes pre-drilled mounting holes and 4 strips of double-sided mounting tape		
22 45 39 00-0026	EA		7" Height x 10" Width, Vinyl, Eyewash Sign (U-Line S-17343V).....	30.10	9.28
			Note: Includes 4 mil flexible vinyl with adhesive backing		

22 47 Drinking Fountains and Water Coolers (22 40)

22 47 13 Drinking Fountains (22 47)

22 47 13 00-0001			Indoor Drinking Fountains (22 47 13)		
22 47 13 00-0002			Face Mounted Indoor Drinking Fountain (22 47 13 00-0001)		
22 47 13 00-0003	EA		Stainless Steel, Standard Length, Semi-Circular Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-S).....	1,757.49	173.69
22 47 13 00-0004	EA		Stainless Steel, Standard Length, Semi-Circular With Back Panel Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-SBP).....	2,549.43	187.05
22 47 13 00-0005	EA		Stainless Steel, Extended Length, Semi-Circular Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-E).....	2,307.55	173.69
22 47 13 00-0006	EA		Stainless Steel, Extended Length, Semi-Circular With Back Panel Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-EBP).....	2,747.53	187.05
22 47 13 00-0007	EA		Stainless Steel, Standard Length, Rectangle Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFS)	1,186.66	173.69
22 47 13 00-0008	EA		Stainless Steel, Standard Length, Rectangle With Back Panel Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners With Back Panel (Halsey-Taylor HRFSBP)	1,415.79	187.05
22 47 13 00-0009	EA		Stainless Steel, Extended Length, Rectangle Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFE)	1,338.84	173.69
22 47 13 00-0010	EA		Stainless Steel, Extended Length, Rectangle With Back Panel Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFEBP)	1,621.48	187.05
22 47 13 00-0011			Wall Mounted Indoor Drinking Fountain (22 47 13 00-0001)		
22 47 13 00-0012	EA		Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain With Bubbler, Backsplash, Front And Side Push Bars (Halsey-Taylor 5701).....	1,222.93	187.05
22 47 13 00-0013	EA		Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain/Bottle Filling Station With Bubbler, Backsplash, Front And Side Push Bars (Halsey-Taylor HTHB-HAC8WF).....	1,860.34	187.05
22 47 13 00-0014	EA		Bi-Level, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountains (Halsey-Taylor HTHB-HAC8BLWF).....	2,358.61	240.50
22 47 13 00-0015	EA		Bi-Level, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountains (Elkay VRCGRNTL8WSK)	3,539.62	240.50

22 Plumbing**22 40 Plumbing Fixtures****22 47 Drinking Fountains and Water Coolers**
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 UNIT COST UNIT COST

22 47 13 00-0016	EA	Bi-Level, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountains (Elkay EZSTLG8WSLK)	3,041.51	240.50
22 47 13 00-0017	EA	Bi-Level, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountains (Elkay LZSTL8WSSP)	2,767.00	240.50
22 47 13 00-0018	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay LVRC8WSK)	3,124.38	187.05
22 47 13 00-0019	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Non-Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay VRC8WSK)	3,017.64	187.05
22 47 13 00-0020	EA	Stainless Steel Wall-Mounted Indoor Hands-Free Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay LVRC8WSK)	2,887.18	187.05
22 47 13 00-0021	EA	Stainless Steel Wall-Mounted Indoor Hands-Free Non-Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay VRC8WSK)	2,768.58	187.05
22 47 13 00-0022	EA	Stainless Steel Wall-Mounted High-Efficiency Indoor Chilled Hands-Free Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay LVRCGRN8WSK)	2,519.53	187.05
22 47 13 00-0023	EA	Stainless Steel Wall-Mounted High-Efficiency Indoor Chilled Hands-Free Non-Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay VRCGRN8WSK)	2,412.79	187.05
22 47 13 00-0024	EA	Stainless Steel Wall-Mounted High-Efficiency Indoor Chilled Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LZSG8WSSK)	2,294.19	187.05
22 47 13 00-0025	EA	Stainless Steel Wall-Mounted Indoor Chilled Filtered Bottle Filling Station With Hands-Free Touchless Sensor Drinking Fountain (Elkay LZO8WSSK)	2,294.19	187.05
22 47 13 00-0026	EA	Stainless Steel Wall-Mounted Indoor Chilled Non-Filtered Bottle Filling Station With Hands-Free Fountain (Elkay EZO8WSSK)	2,187.46	187.05
22 47 13 00-0027	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Bottle Filling Station With Drinking Fountain (Elkay EZSG8WSSK)	2,187.46	187.05
22 47 13 00-0028	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LMA8F8WSSK)	2,140.02	187.05
22 47 13 00-0029	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay LZS8WSVRSK)	2,140.02	187.05
22 47 13 00-0030	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Non-Filtered Bottle Filling Station With Drinking Fountain (Elkay EMABF8WSSK)	2,033.28	187.05
22 47 13 00-0031	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LZS8WSSK)	1,973.98	187.05
22 47 13 00-0032	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LZS8WSSP)	1,890.96	187.05
22 47 13 00-0033	EA	Stainless Steel Wall-Mounted Indoor Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LZSDWSSK)	1,855.38	187.05
22 47 13 00-0034	EA	Stainless Steel Wall-Mounted Indoor Hands-Free Non-Filtered Bottle Filling Station With Drinking Fountain (Elkay EMABFDWSLK)	1,736.79	187.05
22 47 13 00-0035	EA	Vinyl Clad Cabinet, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountain (Elkay EMABF8WSLK)	1,973.98	187.05
22 47 13 00-0036	EA	Vinyl Clad Cabinet, Non Chilled, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountain (Elkay EMABFDWSLK)	1,736.79	187.05
22 47 13 00-0037	EA	Vinyl Clad Cabinet, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountain (Elkay LZS8WSLK)	1,841.32	187.05
22 47 13 00-0038	EA	Vinyl Clad Cabinet, Stainless Steel Wall-Mounted Indoor, Bottle Filling Station With Drinking Fountain (Elkay LZS8WSLP)	1,843.52	187.05
22 47 13 00-0039	EA	Surface Mounted, Stainless Steel, Filtered Non-Refrigerated, Bottle Filling Station Kit (Elkay LZWSSM)	1,523.16	133.61
22 47 13 00-0040	EA	Wall Mounted, Non-Filtered Non-Refrigerated, Retrofit Bottle Filling Station Kit (Elkay EMABFWS-RF)	1,143.65	133.61
22 47 13 00-0041		Semi-Recessed Indoor Drinking Fountain (22 47 13 00-0001)		
22 47 13 00-0042	EA	Stainless Steel Semi-Recessed Indoor Drinking Fountain With Bubbler (Halsey-Taylor 5801)	1,634.81	200.41
22 47 13 00-0043	EA	Stainless Steel Semi-Recessed Indoor Drinking Fountain With Bubbler And Cuspidor (Halsey-Taylor 5801C)	3,471.46	200.41
22 47 13 00-0044		Fully Recessed Indoor Drinking Fountain (22 47 13 00-0001)		
22 47 13 00-0045	EA	Stainless Steel Fully-Recessed, With Bubbler, Indoor Drinking Fountain (Halsey-Taylor 8880, Haws 2400)	1,748.53	213.77
22 47 13 00-0046	EA	Stainless Steel Fully-Recessed, With Bubbler And Cuspidor, Indoor Drinking Fountain (Halsey-Taylor 8800 With 10245, Haws 2403)	3,157.58	213.77
22 47 13 00-0047		Countertop Indoor Drinking Fountain (22 47 13 00-0001)		
22 47 13 00-0048	EA	Stainless Steel Countertop Circular Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 10000)	733.00	133.61
22 47 13 00-0049	EA	Stainless Steel Countertop Rectangular Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 6000)	706.48	133.61
22 47 13 00-0050	EA	Stainless Steel Countertop Oval Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 6028)	851.84	133.61
22 47 13 00-0051		Bowl And Bracket Indoor Drinking Fountain (22 47 13 00-0001)		
22 47 13 00-0052	EA	Stainless Steel, Bowl And Bracket With Pushbutton Bubbler, Indoor Drinking Fountain (Halsey-Taylor 2501A)	622.66	133.61
22 47 13 00-0053	EA	Stainless Steel, Bowl And Bracket, Self Closing Lever Handle Stop, Indoor Drinking Fountain (Halsey-Taylor 4540)	745.88	133.61
22 47 13 00-0054		Multi-Station Indoor Drinking Fountain (22 47 13 00-0001)		
22 47 13 00-0055	EA	Two Station, Stainless Steel, Indoor Drinking Fountains With Bubbler And Built In Backsplash, With Bottom Cover Plate (Halsey-Taylor 7020)	3,279.60	213.77
22 47 13 00-0056	EA	Three Station, Stainless Steel, Indoor Drinking Fountains With Bubbler And Built In Backsplash, With Bottom Cover Plate (Halsey-Taylor 7030)	4,115.65	213.77
22 47 13 00-0057	EA	Two Station, Marble, Face-Mounted Indoor Drinking Fountain With Bubblers (Halsey-Taylor 7120)	3,129.88	213.77
22 47 13 00-0058	EA	Two Station, White Enameled Iron Indoor Drinking Fountains With Bubblers (Haws 1430)	2,645.10	213.77
22 47 13 00-0059	EA	Three Station, White Enameled Iron Indoor Drinking Fountains With Bubblers (Haws 1435)	3,322.04	213.77
22 47 13 00-0060	EA	Bi-Level, Stainless Steel, Indoor Drinking Fountain With Bubblers And Back Panel (Halsey-Taylor HRFSEBP, Haws 1119.14 With 6700.4)	2,908.10	272.69
22 47 13 00-0061	EA	Two Station, Cast Aluminum Indoor Drinking Fountains With Bubblers (Haws 1441)	5,223.87	213.77
22 47 13 00-0062	EA	Three Station, Cast Aluminum Indoor Drinking Fountains With Bubblers (Haws 1408)	5,131.46	213.77

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 47 13 00-0063	Outdoor Drinking Fountains (22 47 13)	
22 47 13 00-0064	Face Mounted Outdoor Drinking Fountains (22 47 13 00-0063)	
22 47 13 00-0065	EA	Stainless Steel Freeze Resistant Face Mounted Outdoor Drinking Fountain With Bubblers (Halsey-Taylor HRFE-FR) 1,530.84 213.77
22 47 13 00-0066	EA	Stainless Steel Freeze Resistant Face Mounted, With Back Panel, Outdoor Drinking Fountain With Bubblers (Halsey-Taylor HRFEFB-FR) 1,674.92 213.77
22 47 13 00-0067	EA	Stone Aggregate Weather Resistant Face Mounted Outdoor Drinking Fountain With Bubblers (Halsey-Taylor 4592) 1,612.36 213.77
22 47 13 00-0068	EA	Stone Aggregate Freeze Resistant Face Mounted Outdoor Drinking Fountain With Bubblers (Halsey-Taylor 4592-FR) 2,349.79 213.77
22 47 13 00-0069	Free Standing Outdoor Drinking Fountains (22 47 13 00-0063)	
22 47 13 00-0070	EA	Steel Pedestal Outdoor Drinking Fountain With Bubblers (Halsey-Taylor 4715) 2,874.71 200.41
22 47 13 00-0071	EA	Steel Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubblers (Halsey-Taylor 4715-FR) 4,024.46 200.41
22 47 13 00-0072	EA	Steel Barrier-Free Pedestal Outdoor Drinking Fountain With Bubblers (Halsey-Taylor 4710) 2,870.89 200.41
22 47 13 00-0073	EA	Steel Barrier-Free Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubblers (Halsey-Taylor 4710-FR) 3,951.02 200.41
22 47 13 00-0074	EA	Steel Barrier-Free Bi-level Pedestal Outdoor Drinking Fountain With Bubblers (Halsey-Taylor 4720) 4,258.77 213.77
22 47 13 00-0075	EA	Steel Barrier-Free Bi-level Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubblers (Halsey-Taylor 4720-FR) 4,335.55 213.77
22 47 13 00-0076	EA	Stone Aggregate Pedestal Outdoor Drinking Fountain With Bubblers (Halsey-Taylor 4591) 1,631.13 200.41
22 47 13 00-0077	EA	Stone Aggregate Barrier-Free Pedestal Outdoor Drinking Fountain With Bubblers (Halsey-Taylor 4590) 2,791.30 200.41
22 47 13 00-0078	EA	Stone Aggregate Barrier-Free Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubblers (Halsey-Taylor 4590-FR) 3,941.05 200.41
22 47 13 00-0079	EA	Stone Aggregate Barrier-Free Bi-level Pedestal Outdoor Drinking Fountain With Bubblers (Halsey-Taylor 4595) 4,635.07 213.77
22 47 13 00-0080	EA	Stone Aggregate Barrier-Free Bi-level Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubblers (Halsey-Taylor 4595-FR) 6,490.97 213.77
22 47 16	Pressure Water Coolers (22 47)	
22 47 16 00-0001	Indoor Water Coolers (22 47 16)	
22 47 16 00-0002	Face Mounted Indoor Water Coolers (22 47 16 00-0001)	
22 47 16 00-0003	EA	Stainless Steel, Semi-Circular Water Cooler With Bubblers, Face-Mounted, Extended Length, 180 Degree Push Bar, 7.5 GPH (Halsey-Taylor OVL-II ER-Q) 3,294.80 213.77
22 47 16 00-0004	EA	Stainless Steel, Semi-Circular Water Cooler, Electronic Sensor, Face-Mounted, Extended Length, With Bubblers, 7.5 GPH (Halsey-Taylor OVL-II EREE-Q) 3,515.65 213.77
22 47 16 00-0005	Wall Mounted Indoor Water Coolers (22 47 16 00-0001)	
22 47 16 00-0006	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 4 GPH, With Bubblers, (Halsey-Taylor SW4A-Q) 1,583.92 213.77
22 47 16 00-0007	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 8 GPH, With Bubblers (Halsey-Taylor SW8A-Q) 1,640.80 213.77
22 47 16 00-0008	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 14 GPH, With Bubblers (Halsey-Taylor SW14A-Q) 1,818.99 213.77
22 47 16 00-0009	EA	Stainless Steel Wall-Mounted Vandal Resistant Compact Water Cooler With Bubblers, 8 GPH (Halsey-Taylor SW8A-VR-Q-SS) 1,887.24 213.77
22 47 16 00-0010	EA	Stainless Steel Wall-Mounted Vandal Resistant Barrier Free Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HVR8-CHILD ADA) 1,405.73 213.77
22 47 16 00-0011	EA	Stainless Steel Wall-Mounted Barrier Free Water Cooler With Bubblers, Front And Side Pushbar, 8 GPH (Halsey-Taylor WC8AFS-Q-SS) 1,623.73 213.77
22 47 16 00-0012	EA	Stainless Steel Wall-Mounted Barrier Free Water Cooler With Bubblers, Front And Side Pushbar, 8 GPH (Halsey-Taylor HAC8FS-Q Child SS) 1,283.45 213.77
22 47 16 00-0013	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level Indoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HAC8FSBL-Q-SS) 2,146.50 320.66
22 47 16 00-0014	EA	Stainless Steel Wall-Mounted Water Cooler, 8 GPH, With Bubblers, (Halsey-Taylor HAC8VR-BL) 1,915.98 213.77
22 47 16 00-0015	Simulated Recessed Indoor Water Coolers (22 47 16 00-0001)	
22 47 16 00-0016	EA	Stainless Steel Simulated Recessed Water Cooler With Bubblers, 8 GPH (Halsey-Taylor RWM8A-Q) 1,883.28 213.77
22 47 16 00-0017	Fully Recessed Indoor Water Coolers (22 47 16 00-0001)	
22 47 16 00-0018	EA	Stainless Steel Fully-Recessed Water Cooler With Bubblers, 8 GPH (Halsey-Taylor RC8A-Q) 3,634.47 240.50
22 47 16 00-0019	EA	Stainless Steel Fully-Recessed Water Cooler With Bubblers And Cup Dispenser, 8 GPH (Halsey-Taylor RC8AQ + 14762) 4,432.23 240.50
22 47 16 00-0020	EA	Stainless Steel Fully-Recessed Water Cooler With Bubblers And Cup Dispenser And Glass Filler, 8 GPH (Halsey-Taylor RC8A-Q-14700) 5,182.39 240.50
22 47 16 00-0021	Free Standing Indoor Water Coolers (22 47 16 00-0001)	
22 47 16 00-0022	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 4 GPH, With Bubblers (Halsey-Taylor SCWT4A-Q) 1,523.84 187.05
22 47 16 00-0023	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 8 GPH, With Bubblers (Halsey-Taylor SCWT8A-Q) 1,634.74 187.05
22 47 16 00-0024	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 14 GPH, With Bubblers (Halsey-Taylor SCWT14A-Q) 1,851.80 187.05
22 47 16 00-0025	EA	Stainless Steel, Free-Standing Vandal Resistant Water Cooler With Bubblers, 14 GPH (Halsey-Taylor SCWT14A-VR-Q) 2,057.48 187.05
22 47 16 00-0026	Bottled Water Coolers (22 47 16 00-0001)	
22 47 16 00-0027	EA	Free-Standing Bottled Water Cooler With Chilled Or Room Temperature Water 533.49 106.89
22 47 16 00-0028	EA	Free-Standing Bottled Water Cooler With Chilled Or Hot Water 635.35 106.89
22 47 16 00-0029	Multi-Station Indoor Water Coolers (22 47 16 00-0001)	

22 Plumbing**22 40 Plumbing Fixtures****22 47 Drinking Fountains and Water Coolers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 47 16 00-0030	EA	Stainless Steel, Wall Mounted, Two Station, Semi-Circular Indoor Water Cooler With Bubblers, 180 Degree Push Bars, 7.5 GPH (Halsey-Taylor OVL-II SER-Q)	4,356.21	320.66
22 47 16 00-0031	EA	Stainless Steel, Wall Mounted, Two Station, Electronic Sensor Semi Circular Indoor Water Cooler With Bubblers, 180 Degree Push Bars, 7.5 GPH (Halsey-Taylor OVL-II-SEREE-Q)	4,994.80	320.66
22 47 16 00-0032	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level, Vandal Resistant Indoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HVR8BL-CHILD ADA-SS)	2,323.75	320.66
22 47 16 00-0033		Outdoor Water Coolers (22 47 16)		
22 47 16 00-0034		Wall Mounted Outdoor Water Coolers (22 47 16 00-0033)		
22 47 16 00-0035	EA	Stainless Steel, Wall Mounted, Barrier Free, Vandal Resistant, Frost Resistant Outdoor Water Cooler With Bubbler, 8 GPH (Halsey-Taylor HVR8FR-CHILD ADA-SS)	1,630.64	133.61
22 47 16 00-0036	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level, Vandal Resistant Outdoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HVR8BLFR-CHILD ADA-SS)	2,792.30	133.61
22 47 16 00-0037		Free Standing Outdoor Water Coolers (22 47 16 00-0033)		
22 47 16 00-0038	EA	Stainless Steel Free-Standing Outdoor Water Cooler With Bubbler, 14 GPH (Halsey-Taylor HOF14A-Q)	2,687.99	200.41
22 47 16 00-0039	EA	Stainless Steel Free-Standing Frost Resistant Outdoor Water Cooler With Bubbler, 14 GPH (Halsey-Taylor HOF14A-FR-Q)	3,218.79	200.41
22 47 16 00-0040		Removal And Reinstallation Of Fixtures And Trim (22 47 16)		
		Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 47 16 00-0041	EA	Removal And Reinstallation Of Wall Hung Water Cooler	519.73	
22 47 16 00-0042	EA	Removal And Reinstallation Of Floor Mount Water Cooler	116.07	
22 47 19		Water-Station Water Coolers (22 47)		
22 47 19 00-0001		Bottle Filler (22 47 19)		
22 47 19 00-0002	EA	Outdoor Tubular Bottle Filling Station, Surface Mount (Elkay LK4410BF)	4,055.44	213.77
		For Stainless Steel Carrier, Add	205.00	
22 47 19 00-0003	EA	Outdoor Tubular Bottle Filling Station, Surface Mount, Freeze Resistant (Elkay LK4410BFFRK)	4,904.87	213.77
		For Stainless Steel Carrier, Add	205.00	
22 47 19 00-0004	EA	Tri-level Outdoor Tubular Bottle Filling Station With Single Bottle Filler And Two Drinking Fountain Basins, Surface Mount (Elkay LK4430BF1)	6,293.07	240.50
		For Stainless Steel Carrier, Add	205.00	
22 47 19 00-0005	EA	Tri-level Outdoor Tubular Bottle Filling Station With Two Bottle Fillers And Single Drinking Fountain Basin, Surface Mount (Elkay LK4430BF2)	6,798.02	240.50
		For Stainless Steel Carrier, Add	205.00	
22 47 19 00-0006	EA	Tri-level Outdoor Tubular Bottle Filling Station With Three Bottle Fillers, Surface Mount (Elkay LK4430BF3)	7,302.97	240.50
		For Stainless Steel Carrier, Add	205.00	
22 47 23		Remote Water Coolers (22 47)		
22 47 23 00-0001		Remote Chillers (22 47 23)		
22 47 23 00-0002	EA	1.5 GPH Remote Chiller (Halsey-Taylor SJ1-Q)	938.59	72.15
22 47 23 00-0003	EA	5 GPH Remote Chiller (Halsey-Taylor SJ5-Q)	1,422.87	80.17
22 47 23 00-0004	EA	8 GPH Remote Chiller (Halsey-Taylor SJ8-Q)	1,225.90	93.52
22 47 23 00-0005	EA	10 GPH Remote Chiller (Halsey-Taylor SJ10-Q)	1,575.84	106.89
22 47 23 00-0006	EA	19 GPH Remote Chiller (Halsey-Taylor SJ19-Q)	2,467.56	160.33
22 47 23 00-0007	EA	30 GPH Remote Chiller (Halsey-Taylor SJ30-Q)	2,675.31	173.69
22 47 26		Fixture Carriers (22 47)		
22 47 26 00-0001		Water Cooler Carriers (22 47 26)		
22 47 26 00-0002		Floor Mounted, Water Cooler Carriers (22 47 26 00-0001)		
		Note: Includes adjustable supporting rods, structural uprights and welded feet.		
22 47 26 00-0003	EA	Floor Mounted Hanger Plate Type, Single Water Cooler Carrier	565.52	40.62
		For Up To 4" Extension Sleeves And Hardware, Add	28.35	
		For Bi-Level Carrier, Add	318.06	
22 47 26 00-0004	EA	Floor Mounted Bearing Plate Type, Single Water Cooler Carrier	616.83	40.62
		For Up To 4" Extension Sleeves And Hardware, Add	28.35	
		For Bi-Level Carrier, Add	318.06	
22 50		Pool and Fountain Plumbing Systems (22)		
22 51		Swimming Pool Plumbing Systems (22 50)		
22 51 13		Swimming Pool Piping (22 51)		
22 51 13 00-0001		Swimming Pool Gutters (22 51 13)		
22 51 13 00-0002	LF	Swimming Pool Gutters, Stainless	220.83	24.05
22 51 19		Swimming Pool Water Treatment Equipment (22 51)		
22 51 19 00-0001		Swimming Pool Heaters (22 51 19)		
		Note: Excludes wiring, external piping, base or pad. Commercial pools.		
22 51 19 00-0002		Electric Pool Heaters (22 51 19 00-0001)		
22 51 19 00-0003	EA	12 KW Heater (1 Degree/Hour), For 4,800 Gallon Pool	4,154.66	213.77

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 19 00-0004	EA		18 KW Heater (1 Degree/Hour), For 7,200 Gallon Pool.....	4,642.53	229.81
22 51 19 00-0005	EA		24 KW Heater (1 Degree/Hour), For 9,600 Gallon Pool.....	5,158.81	267.21
22 51 19 00-0006	EA		30 KW Heater (1 Degree/Hour), For 12,000 Gallon Pool.....	5,463.82	320.66
22 51 19 00-0007	EA		36 KW Heater (1 Degree/Hour), For 14,400 Gallon Pool.....	6,018.23	448.92
22 51 19 00-0008	EA		60 KW Heater (1 Degree/Hour), For 24,000 Gallon Pool.....	6,907.61	641.31
22 51 19 00-0009			Gas Fired Pool Heaters (22 51 19 00-0001)		
22 51 19 00-0010	EA		120 MBH Output Gas Fired Pool Heater	5,969.46	1,002.28
22 51 19 00-0011	EA		180 MBH Output Gas Fired Pool Heater	6,778.90	1,145.46
22 51 19 00-0012	EA		240 MBH Output Gas Fired Pool Heater	7,661.15	1,288.64
22 51 19 00-0013	EA		300 MBH Output Gas Fired Pool Heater	8,794.75	1,575.01
22 51 19 00-0014	EA		360 MBH Output Gas Fired Pool Heater	9,046.39	1,661.39
22 51 19 00-0015	EA		400 MBH Output Gas Fired Pool Heater	10,592.75	2,036.15
22 51 19 00-0016	EA		500 MBH Output Gas Fired Pool Heater	16,864.10	2,349.41
22 51 19 00-0017	EA		600 MBH Output Gas Fired Pool Heater	19,587.98	2,584.35
22 51 19 00-0018	EA		750 MBH Output Gas Fired Pool Heater	22,111.04	2,819.29
22 51 19 00-0019	EA		1,000 MBH Output Gas Fired Pool Heater	28,418.08	3,328.33
22 51 19 00-0020			Surge Tanks (22 51 19)		
Note: Includes 100 GPM vertical pump with 2 HP motor and electronic float switch. Prices are for 1' To 5' sump depth for pump.					
22 51 19 00-0021	EA		1,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch.....	21,065.28	818.77
22 51 19 00-0022	EA		1,500 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch.....	23,673.52	818.77
22 51 19 00-0023	EA		2,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch.....	28,522.35	1,046.23
22 51 19 00-0024	EA		5,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch.....	37,569.49	1,688.51
22 51 19 00-0025			Diatomite Type Filter System (22 51 19)		
22 51 19 00-0026	EA		35,000 Gallon Filter System, Diatomite	14,545.37	3,005.12
22 51 19 00-0027	EA		45,000 Gallon Filter System, Diatomite	17,345.93	3,606.15
22 51 19 00-0028			Silver Recovery System, X-Ray Film Processing (22 51 19)		
22 51 19 00-0029	EA		20 Gallon/Day Capacity, Silver Recovery System	1,943.12	362.73
22 51 19 00-0030	EA		40 Gallon/Day Capacity, Silver Recovery System	2,849.13	483.67
22 51 19 00-0031			Inline Water Filter (22 51 19)		
Note: 3/8" NPT threaded inlet and outlet, 125 PSI, includes one filter cartridge.					
22 51 19 00-0032	EA		2 GPM Water Filter, 100 Degree Temperature, 8" x 5" Diameter, Plastic Body.....	258.63	106.89
22 51 19 00-0033	EA		6 GPM Water Filter, 250 Degree Temperature, 12" x 5" Diameter, Stainless Steel Body	466.02	160.33
22 51 19 00-0034			Ultra-Violet Pool Treatment Lights (22 51 19)		
22 51 19 00-0035			Stainless Steel Ultra-Violet Pool Treatment Lights (22 51 19 00-0034)		
Note: Delta ELP Amalgam Series					
22 51 19 00-0036	EA		3" Flanged, 79 GPM, 2 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	15,107.23	333.26
22 51 19 00-0037	EA		3" Flanged, 116 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	15,973.61	333.26
22 51 19 00-0038	EA		3" Flanged, 158 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	16,716.24	333.26
22 51 19 00-0039	EA		4" Flanged, 254 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	17,244.19	352.92
22 51 19 00-0040	EA		4" Flanged, 295 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	17,612.21	352.92
22 51 19 00-0041	EA		4" Flanged, 329 GPM, 7 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	20,953.95	352.92
22 51 19 00-0042	EA		6" Flanged, 396 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	24,720.87	633.76
22 51 19 00-0043	EA		6" Flanged, 440 GPM, 2 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	36,678.12	633.76
22 51 19 00-0044	EA		6" Flanged, 650 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	40,270.44	633.76
22 51 19 00-0045	EA		8" Flanged, 695 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	43,179.71	760.32
22 51 19 00-0046	EA		8" Flanged, 920 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	46,379.55	760.32
22 51 19 00-0047	EA		8" Flanged, 1140 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	48,613.44	760.32
22 51 19 00-0048	EA		8" Flanged, 1260 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	51,028.43	760.32
22 51 19 00-0049	EA		10" Flanged, 1510 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	54,807.29	864.23
22 51 19 00-0050	EA		10" Flanged, 1760 GPM, 7 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	59,033.54	864.23
22 51 19 00-0051	EA		10" Flanged, 2010 GPM, 8 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	63,259.78	864.23
22 51 19 00-0052	EA		10" Flanged, 2520 GPM, 10 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	68,391.64	864.23
22 51 19 00-0053			HDPE Ultra-Violet Pool Treatment Lights (22 51 19 00-0034)		
Note: Delta EL Series					
22 51 19 00-0054	EA		3" Flanged, 116 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing	7,515.12	333.26
22 51 19 00-0055	EA		3" Flanged, 158 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing	8,360.34	333.26
22 51 19 00-0056	EA		4" Flanged, 254 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing	9,235.22	352.92
22 51 19 00-0057			In-Line, Stainless Steel Ultra-Violet Pool Treatment Lights (22 51 19 00-0034)		
Note: Delta EM Series					
22 51 19 00-0058	EA		3" Flanged, 100 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	29,250.05	333.26
22 51 19 00-0059	EA		3" Flanged, 170 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	29,551.90	333.26
22 51 19 00-0060	EA		6" Flanged, 300 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	31,528.17	633.76
22 51 19 00-0061	EA		6" Flanged, 600 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	39,944.40	633.76
22 51 19 00-0062	EA		8" Flanged, 1300 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	55,737.67	760.32
22 51 19 00-0063	EA		10" Flanged, 2000 GPM, 2 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	62,897.54	864.23
22 51 19 00-0064	EA		12" Flanged, 3000 GPM, 3 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	74,150.82	1,118.35
22 51 19 00-0065	EA		12" Flanged, 4000 GPM, 4 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	83,207.03	1,118.35

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities ⁽²²⁾

22 63 Gas Systems for Laboratory and Healthcare Facilities ^(22 60)

22 63 13 Gas Piping for Laboratory and Healthcare Facilities ^(22 63)

22 63 13 53 Laboratory Gas Piping ^(22 63 13)

See CSI section 23 21 13 23-0001 for black steel pipe, 23 21 13 23-2234 for PVC piping.

22 63 13 70 Healthcare Gas Piping ^(22 63 13)

22 63 13 70-0001 Zone Valve Assemblies ^(22 63 13 70)

22 63 13 70-0002 Single Zone Valve Assemblies ^(22 63 13 70-0001)

22 63 13 70-0003	EA	1/2" Single Zone Valve Assembly With Gauge (Amico VBU-M-05)	459.94	84.87
22 63 13 70-0004	EA	3/4" Single Zone Valve Assembly With Gauge (Amico VBU-M-07)	491.42	92.03
22 63 13 70-0005	EA	1" Single Zone Valve Assembly With Gauge (Amico VBU-M-10)	522.82	97.90
22 63 13 70-0006	EA	1-1/4" Single Zone Valve Assembly With Gauge (Amico VBU-M-12)	587.72	106.89
22 63 13 70-0007	EA	1-1/2" Single Zone Valve Assembly With Gauge (Amico VBU-M-15)	672.30	113.41
22 63 13 70-0008	EA	2" Single Zone Valve Assembly With Gauge (Amico VBU-M-20)	832.45	122.38

22 63 13 70-0009 Double Zone Valve Assemblies ^(22 63 13 70-0001)

22 63 13 70-0010	EA	1/2" x 1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-0505)	657.71	121.64
22 63 13 70-0011	EA	1/2" x 3/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-0507)	689.18	128.80
22 63 13 70-0012	EA	1/2" x 1" Double Zone Valve Assembly With Gauges (Amico VBU-M-0510)	727.08	134.57
22 63 13 70-0013	EA	1/2" x 1-1/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-0512)	802.82	143.66
22 63 13 70-0014	EA	1/2" x 1-1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-0515)	898.23	150.18
22 63 13 70-0015	EA	3/4" x 3/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-0707)	718.48	135.96
22 63 13 70-0016	EA	3/4" x 1" Double Zone Valve Assembly With Gauges (Amico VBU-M-0710)	756.39	141.84
22 63 13 70-0017	EA	3/4" x 1-1/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-0712)	834.30	150.82
22 63 13 70-0018	EA	3/4" x 1-1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-0715)	888.53	157.34
22 63 13 70-0019	EA	1" x 1" Double Zone Valve Assembly With Gauges (Amico VBU-M-1010)	785.62	147.61
22 63 13 70-0020	EA	1" x 1-1/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-1012)	833.19	156.69
22 63 13 70-0021	EA	1" x 1-1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-1015)	922.10	163.21
22 63 13 70-0022	EA	1-1/4" x 1-1/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-1212)	958.77	165.67
22 63 13 70-0023	EA	1-1/4" x 1-1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-1215)	995.68	172.30
22 63 13 70-0024	EA	1-1/2" x 1-1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-1515)	1,091.09	178.82

22 63 13 70-0025 Triple Zone Valve Assemblies ^(22 63 13 70-0001)

22 63 13 70-0026	EA	1/2" x 1/2" x 1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050505)	894.47	158.30
22 63 13 70-0027	EA	1/2" x 1/2" x 3/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050507)	925.94	165.57
22 63 13 70-0028	EA	1/2" x 1/2" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050510)	963.84	171.34
22 63 13 70-0029	EA	1/2" x 1/2" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050512)	1,041.76	180.43
22 63 13 70-0030	EA	1/2" x 1/2" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050515)	1,139.34	186.95
22 63 13 70-0031	EA	1/2" x 3/4" x 3/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050707)	959.58	172.73
22 63 13 70-0032	EA	1/2" x 3/4" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050710)	997.48	178.50
22 63 13 70-0033	EA	1/2" x 3/4" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050712)	1,073.22	187.59
22 63 13 70-0034	EA	1/2" x 3/4" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050715)	1,170.80	194.11
22 63 13 70-0035	EA	1/2" x 1" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-051010)	1,035.37	184.38
22 63 13 70-0036	EA	1/2" x 1" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-051012)	1,111.11	193.46
22 63 13 70-0037	EA	1/2" x 1" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-051015)	1,208.70	199.98
22 63 13 70-0038	EA	3/4" x 3/4" x 3/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-070707)	991.06	179.89
22 63 13 70-0039	EA	3/4" x 3/4" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-070710)	1,028.95	185.77
22 63 13 70-0040	EA	3/4" x 3/4" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-070712)	1,104.69	194.74
22 63 13 70-0041	EA	3/4" x 3/4" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-070715)	1,202.28	201.27
22 63 13 70-0042	EA	3/4" x 1" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-071010)	1,066.85	191.54
22 63 13 70-0043	EA	3/4" x 1" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-071012)	1,142.59	200.62
22 63 13 70-0044	EA	3/4" x 1" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-071015)	1,238.00	207.14
22 63 13 70-0045	EA	1" x 1" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-101010)	1,048.40	197.42
22 63 13 70-0046	EA	1" x 1" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-101012)	1,121.98	206.40
22 63 13 70-0047	EA	1" x 1" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-101015)	1,278.07	213.03

22 63 13 70-0048 Medical Gas Copper Pipe And Fittings ^(22 63 13 70)

22 63 13 70-0049 Medical Gas Copper Pipe, ASTM B819 ^(22 63 13 70-0048)

22 63 13 70-0050	LF	1/4" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 1/4")	8.44	3.72
22 63 13 70-0051	LF	3/8" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 3/8")	10.44	3.72
22 63 13 70-0052	LF	1/2" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 1/2")	11.20	3.72
22 63 13 70-0053	LF	5/8" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 5/8")	12.60	3.72
22 63 13 70-0054	LF	3/4" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 3/4")	17.10	3.72
22 63 13 70-0055	LF	1" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 1")	20.04	3.72
22 63 13 70-0056	LF	1-1/4" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 1-1/4")	24.06	3.72

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 63 13 70-0057	LF	1-1/2" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 1-1/2")	29.95	3.72
22 63 13 70-0058	LF	2" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 2")	42.29	3.72
22 63 13 70-0059	LF	2-1/2" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 2-1/2")	59.46	6.15
22 63 13 70-0060	LF	3" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 3")	72.64	6.15
22 63 13 70-0061	LF	3-1/2" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 3-1/2")	93.12	9.28
22 63 13 70-0062	LF	4" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 4")	128.29	9.28
22 63 13 70-0063 Medical Gas Copper Fittings (22 63 13 70-0048)				
22 63 13 70-0064 Medical Gas Copper 90 Degree Elbows (22 63 13 70-0063)				
22 63 13 70-0065	EA	1/4" 90 Degree Copper Elbow, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P049)	45.59	28.20
22 63 13 70-0066	EA	3/8" 90 Degree Copper Elbow, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P050)	47.19	29.48
22 63 13 70-0067	EA	1/2" 90 Degree Copper Elbow, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P079)	49.94	30.99
22 63 13 70-0068	EA	5/8" 90 Degree Copper Elbow, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P080)	55.35	32.61
22 63 13 70-0069	EA	3/4" 90 Degree Copper Elbow, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P081)	54.64	32.61
22 63 13 70-0070	EA	1" 90 Degree Copper Elbow, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P082)	66.42	38.76
22 63 13 70-0071	EA	1-1/4" 90 Degree Copper Elbow, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P055)	70.80	41.32
22 63 13 70-0072	EA	1-1/2" 90 Degree Copper Elbow, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P056)	85.83	47.58
22 63 13 70-0073	EA	2" 90 Degree Copper Elbow, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P057)	105.82	56.29
22 63 13 70-0074	EA	2-1/2" 90 Degree Copper Elbow, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P058)	191.14	95.29
22 63 13 70-0075	EA	3" 90 Degree Copper Elbow, Medical/Hospital (OXY/MED) Gas Systems (Nibco 1VMA3)	233.97	112.59
22 63 13 70-0076	EA	4" 90 Degree Copper Elbow, Medical/Hospital (OXY/MED) Gas Systems (Nibco 1VMA4)	356.53	137.66
22 63 13 70-0077 Medical Gas Copper Tees (22 63 13 70-0063)				
22 63 13 70-0078	EA	1/4" Copper Tee, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P095)	69.14	41.32
22 63 13 70-0079	EA	3/8" Copper Tee, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P096)	71.85	44.22
22 63 13 70-0080	EA	1/2" Copper Tee, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P098)	73.09	47.58
22 63 13 70-0081	EA	5/8" Copper Tee, Medical/Hospital (OXY/MED) Gas Systems (Nibco 39R568)	91.74	51.65
22 63 13 70-0082	EA	3/4" Copper Tee, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P103)	81.41	51.65
22 63 13 70-0083	EA	1" Copper Tee, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P109)	105.43	61.98
22 63 13 70-0084	EA	1-1/4" Copper Tee, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P113)	121.79	68.83
22 63 13 70-0085	EA	1-1/2" Copper Tee, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P117)	141.49	77.42
22 63 13 70-0086	EA	2" Copper Tee, Medical/Hospital (OXY/MED) Gas Systems (Nibco 39R499)	176.56	88.44
22 63 13 70-0087	EA	2-1/2" Copper Tee, Medical/Hospital (OXY/MED) Gas Systems (Nibco 1VMD9)	306.06	154.84
22 63 13 70-0088	EA	3" Copper Tee, Medical/Hospital (OXY/MED) Gas Systems (Nibco 1VME5)	387.77	177.01
22 63 13 70-0089	EA	4" Copper Tee, Medical/Hospital (OXY/MED) Gas Systems (Nibco 1VMG2)	620.91	247.70
22 63 13 70-0090 Medical Gas Copper Couplings (22 63 13 70-0063)				
22 63 13 70-0091	EA	1/4" Copper Coupling, Medical/Hospital (OXY/MED) Gas Systems (Nibco 39R491)	38.06	24.72
22 63 13 70-0092	EA	3/8" Copper Coupling, Medical/Hospital (OXY/MED) Gas Systems (Nibco 39R495)	39.93	25.77
22 63 13 70-0093	EA	1/2" Copper Coupling, Medical/Hospital (OXY/MED) Gas Systems (Nibco 39R489)	41.21	26.92
22 63 13 70-0094	EA	5/8" Copper Coupling, Medical/Hospital (OXY/MED) Gas Systems (Nibco 39R493)	45.24	28.20
22 63 13 70-0095	EA	3/4" Copper Coupling, Medical/Hospital (OXY/MED) Gas Systems (Nibco 39R490)	45.87	29.48
22 63 13 70-0096	EA	1" Copper Coupling, Medical/Hospital (OXY/MED) Gas Systems (Nibco 39R492)	55.21	34.35
22 63 13 70-0097	EA	1-1/4" Copper Coupling, Medical/Hospital (OXY/MED) Gas Systems (Nibco 39R501)	61.61	36.45
22 63 13 70-0098	EA	1-1/2" Copper Coupling, Medical/Hospital (OXY/MED) Gas Systems (Nibco 39R509)	70.62	41.32
22 63 13 70-0099	EA	2" Copper Coupling, Medical/Hospital (OXY/MED) Gas Systems (Nibco 39R516)	85.14	47.58
22 63 13 70-0100	EA	2-1/2" Copper Coupling, Medical/Hospital (OXY/MED) Gas Systems (Nibco 39R615)	155.90	82.52
22 63 13 70-0101	EA	3" Copper Coupling, Medical/Hospital (OXY/MED) Gas Systems (Nibco 39R690)	191.15	95.29
22 63 13 70-0102	EA	4" Copper Coupling, Medical/Hospital (OXY/MED) Gas Systems (Nibco 39R692)	254.62	116.07
22 63 13 70-0103 Medical Gas Copper Caps (22 63 13 70-0063)				
22 63 13 70-0104	EA	1/4" Copper Cap, Medical/Hospital (OXY/MED) Gas Systems (Nibco 39R498)	24.43	15.44
22 63 13 70-0105	EA	3/8" Copper Cap, Medical/Hospital (OXY/MED) Gas Systems (Nibco 39R521)	25.11	15.44
22 63 13 70-0106	EA	1/2" Copper Cap, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P121)	23.91	15.44
22 63 13 70-0107	EA	5/8" Copper Cap, Medical/Hospital (OXY/MED) Gas Systems (Nibco 39R511)	26.78	16.25
22 63 13 70-0108	EA	3/4" Copper Cap, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P122)	25.62	16.25
22 63 13 70-0109	EA	1" Copper Cap, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P123)	32.43	19.38
22 63 13 70-0110	EA	1-1/4" Copper Cap, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P124)	36.89	21.36
22 63 13 70-0111	EA	1-1/2" Copper Cap, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P125)	42.69	23.79
22 63 13 70-0112	EA	2" Copper Cap, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P126)	55.03	28.20
22 63 13 70-0113	EA	2-1/2" Copper Cap, Medical/Hospital (OXY/MED) Gas Systems (Nibco 1VMG6)	85.87	30.99
22 63 13 70-0114	EA	3" Copper Cap, Medical/Hospital (OXY/MED) Gas Systems (Nibco 1VMG7)	104.37	34.35
22 63 13 70-0115	EA	4" Copper Cap, Medical/Hospital (OXY/MED) Gas Systems (Nibco 1VMG8)	151.60	38.76

22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities (22 60)

22 66 53 Laboratory Chemical-Waste and Vent Piping (22 66)

22 66 53 00-0001	Polypropylene Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings (22 66 53)
22 66 53 00-0002	Schedule 40 Polypropylene Acid Resistant DWV Pipe And Fused Fittings (22 66 53 00-0001)

22 Plumbing**22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0003			Schedule 40 Polypropylene Acid Resistant DWV Pipe <small>(22 66 53 00-0002)</small>		
22 66 53 00-0004	LF		1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Pipe.....	16.77	6.09
			<i>For Schedule 80, Add</i>	3.95	
			<i>For Fire Retardant Thermoplastic Pipe (Proxylene), Add</i>	3.38	
			<i>For Work In Restricted Working Space, Add</i>	2.75	
22 66 53 00-0005	LF		2" Schedule 40 Polypropylene Acid Resistant DWV Pipe.....	20.60	6.84
			<i>For Schedule 80, Add</i>	5.34	
			<i>For Fire Retardant Thermoplastic Pipe (Proxylene), Add</i>	4.57	
			<i>For Work In Restricted Working Space, Add</i>	3.10	
22 66 53 00-0006	LF		3" Schedule 40 Polypropylene Acid Resistant DWV Pipe.....	33.49	9.94
			<i>For Schedule 80, Add</i>	9.64	
			<i>For Fire Retardant Thermoplastic Pipe (Proxylene), Add</i>	8.25	
			<i>For Work In Restricted Working Space, Add</i>	4.49	
22 66 53 00-0007	LF		4" Schedule 40 Polypropylene Acid Resistant DWV Pipe.....	45.75	12.93
			<i>For Schedule 80, Add</i>	13.69	
			<i>For Fire Retardant Thermoplastic Pipe (Proxylene), Add</i>	11.71	
			<i>For Work In Restricted Working Space, Add</i>	5.83	
22 66 53 00-0008	LF		6" Schedule 40 Polypropylene Acid Resistant DWV Pipe.....	75.94	19.03
			<i>For Schedule 80, Add</i>	24.67	
			<i>For Fire Retardant Thermoplastic Pipe (Proxylene), Add</i>	21.11	
			<i>For Work In Restricted Working Space, Add</i>	8.55	
22 66 53 00-0009			Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bends <small>(22 66 53 00-0002)</small>		
22 66 53 00-0010	EA		1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend.....	65.10	22.98
			<i>For Work In Restricted Working Space, Add</i>	10.34	
22 66 53 00-0011	EA		2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend.....	83.51	30.35
			<i>For Work In Restricted Working Space, Add</i>	13.64	
22 66 53 00-0012	EA		3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend.....	116.70	34.73
			<i>For Work In Restricted Working Space, Add</i>	15.64	
22 66 53 00-0013	EA		4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend.....	171.74	45.97
			<i>For Work In Restricted Working Space, Add</i>	20.69	
22 66 53 00-0014	EA		6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend.....	354.38	67.88
			<i>For Work In Restricted Working Space, Add</i>	30.54	
22 66 53 00-0015			Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bends <small>(22 66 53 00-0002)</small>		
22 66 53 00-0016	EA		1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend.....	64.58	22.98
			<i>For Work In Restricted Working Space, Add</i>	10.34	
22 66 53 00-0017	EA		2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend.....	82.13	30.35
			<i>For Work In Restricted Working Space, Add</i>	13.64	
22 66 53 00-0018	EA		3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend.....	119.35	34.73
			<i>For Work In Restricted Working Space, Add</i>	15.64	
22 66 53 00-0019	EA		4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend.....	145.18	45.97
			<i>For Work In Restricted Working Space, Add</i>	20.69	
22 66 53 00-0020	EA		6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend.....	313.22	67.88
			<i>For Work In Restricted Working Space, Add</i>	30.54	
22 66 53 00-0021			Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tees <small>(22 66 53 00-0002)</small>		
22 66 53 00-0022	EA		1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee.....	111.75	49.17
			<i>For Work In Restricted Working Space, Add</i>	22.12	
22 66 53 00-0023	EA		2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee.....	138.51	61.99
			<i>For Work In Restricted Working Space, Add</i>	27.89	
22 66 53 00-0024	EA		3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee.....	192.95	67.88
			<i>For Work In Restricted Working Space, Add</i>	30.54	
22 66 53 00-0025	EA		4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee.....	270.11	89.14
			<i>For Work In Restricted Working Space, Add</i>	40.08	
22 66 53 00-0026	EA		6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee.....	485.24	142.58
			<i>For Work In Restricted Working Space, Add</i>	64.13	
22 66 53 00-0027			Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tees <small>(22 66 53 00-0002)</small>		
22 66 53 00-0028	EA		2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee.....	138.45	61.99
			<i>For Work In Restricted Working Space, Add</i>	27.89	
22 66 53 00-0029	EA		3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee.....	186.58	67.88
			<i>For Work In Restricted Working Space, Add</i>	30.54	
22 66 53 00-0030	EA		3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee.....	180.93	67.88
			<i>For Work In Restricted Working Space, Add</i>	30.54	
22 66 53 00-0031	EA		4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee.....	255.60	89.14
			<i>For Work In Restricted Working Space, Add</i>	40.08	
22 66 53 00-0032	EA		4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee.....	261.08	89.14
			<i>For Work In Restricted Working Space, Add</i>	40.08	
22 66 53 00-0033	EA		6" x 6" x 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee.....	444.84	142.58
			<i>For Work In Restricted Working Space, Add</i>	64.13	
22 66 53 00-0034			Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tees With Plug <small>(22 66 53 00-0002)</small>		
22 66 53 00-0035	EA		1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug.....	130.32	49.17
			<i>For Work In Restricted Working Space, Add</i>	22.12	
22 66 53 00-0036	EA		2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug.....	143.00	61.99
			<i>For Work In Restricted Working Space, Add</i>	27.89	
22 66 53 00-0037	EA		3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug.....	206.69	67.88
			<i>For Work In Restricted Working Space, Add</i>	30.54	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0038 EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug <i>For Work In Restricted Working Space, Add</i>	276.45 40.08	89.14
22 66 53 00-0039 EA 6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug <i>For Work In Restricted Working Space, Add</i>	406.91 64.13	142.58
22 66 53 00-0040 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wyes <small>(22 66 53 00-0002)</small>		
22 66 53 00-0041 EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye..... <i>For Work In Restricted Working Space, Add</i>	122.17 22.12	49.17
22 66 53 00-0042 EA 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye..... <i>For Work In Restricted Working Space, Add</i>	148.17 27.89	61.99
22 66 53 00-0043 EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye..... <i>For Work In Restricted Working Space, Add</i>	198.70 30.54	67.88
22 66 53 00-0044 EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye..... <i>For Work In Restricted Working Space, Add</i>	274.88 40.08	89.14
22 66 53 00-0045 EA 6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye..... <i>For Work In Restricted Working Space, Add</i>	572.40 64.13	142.58
22 66 53 00-0046 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wyes <small>(22 66 53 00-0002)</small>		
22 66 53 00-0047 EA 2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	160.93 27.89	61.99
22 66 53 00-0048 EA 3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	192.15 30.54	67.88
22 66 53 00-0049 EA 3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	192.15 30.54	67.88
22 66 53 00-0050 EA 4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	269.22 40.08	89.14
22 66 53 00-0051 EA 4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	269.22 40.08	89.14
22 66 53 00-0052 EA 6" x 6" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	497.32 64.13	142.58
22 66 53 00-0053 EA 6" x 6" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	501.72 64.13	142.58
22 66 53 00-0054 EA 6" x 6" x 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	446.69 64.13	142.58
22 66 53 00-0055 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Crosses <small>(22 66 53 00-0002)</small>		
22 66 53 00-0056 EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross <i>For Work In Restricted Working Space, Add</i>	151.76 27.64	61.46
22 66 53 00-0057 EA 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross..... <i>For Work In Restricted Working Space, Add</i>	187.60 34.85	77.50
22 66 53 00-0058 EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross..... <i>For Work In Restricted Working Space, Add</i>	270.15 38.18	84.87
22 66 53 00-0059 EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross..... <i>For Work In Restricted Working Space, Add</i>	380.99 50.10	111.37
22 66 53 00-0060 EA 6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross..... <i>For Work In Restricted Working Space, Add</i>	692.77 80.16	178.18
22 66 53 00-0061 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bends <small>(22 66 53 00-0002)</small>		
22 66 53 00-0062 EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	108.35 22.12	49.17
22 66 53 00-0063 EA 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	143.55 27.89	61.99
22 66 53 00-0064 EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	166.54 30.54	67.88
22 66 53 00-0065 EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	234.30 40.08	89.14
22 66 53 00-0066 EA 2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	128.49 27.89	61.99
22 66 53 00-0067 EA 3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	160.48 30.54	67.88
22 66 53 00-0068 EA 3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	162.91 30.54	67.88
22 66 53 00-0069 EA 4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	225.29 40.08	89.14
22 66 53 00-0070 EA 4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	226.83 40.08	89.14
22 66 53 00-0071 Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Traps <small>(22 66 53 00-0002)</small>		
22 66 53 00-0072 EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap..... <i>For Work In Restricted Working Space, Add</i>	128.94 25.65	57.08
22 66 53 00-0073 EA 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap..... <i>For Work In Restricted Working Space, Add</i>	172.28 33.75	75.04
22 66 53 00-0074 EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap..... <i>For Work In Restricted Working Space, Add</i>	270.27 45.81	101.86
22 66 53 00-0075 EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap..... <i>For Work In Restricted Working Space, Add</i>	391.90 58.30	129.66
22 66 53 00-0076 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapters <small>(22 66 53 00-0002)</small>		

22 Plumbing**22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0077	EA		1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter <i>For Work In Restricted Working Space, Add</i>	63.66 10.34	22.98
22 66 53 00-0078	EA		2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter <i>For Work In Restricted Working Space, Add</i>	75.89 13.64	30.35
22 66 53 00-0079	EA		3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter <i>For Work In Restricted Working Space, Add</i>	89.77 15.64	34.73
22 66 53 00-0080	EA		4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter <i>For Work In Restricted Working Space, Add</i>	123.19 20.69	45.97
22 66 53 00-0081	EA		6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter <i>For Work In Restricted Working Space, Add</i>	183.02 30.54	67.88
22 66 53 00-0082			Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapters <small>(22 66 53 00-0002)</small>		
22 66 53 00-0083	EA		1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter <i>For Work In Restricted Working Space, Add</i>	60.00 10.34	22.98
22 66 53 00-0084	EA		2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter <i>For Work In Restricted Working Space, Add</i>	78.65 13.64	30.35
22 66 53 00-0085	EA		3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter <i>For Work In Restricted Working Space, Add</i>	94.84 15.64	34.73
22 66 53 00-0086	EA		4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter <i>For Work In Restricted Working Space, Add</i>	128.17 20.69	45.97
22 66 53 00-0087			Schedule 40 Polypropylene Acid Resistant DWV Fuseal Couplings <small>(22 66 53 00-0002)</small>		
22 66 53 00-0088	EA		1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling <i>For Work In Restricted Working Space, Add</i>	55.45 10.34	22.98
22 66 53 00-0089	EA		2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling <i>For Work In Restricted Working Space, Add</i>	70.48 13.64	30.35
22 66 53 00-0090	EA		3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling <i>For Work In Restricted Working Space, Add</i>	82.48 15.64	34.73
22 66 53 00-0091	EA		4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling <i>For Work In Restricted Working Space, Add</i>	109.08 20.69	45.97
22 66 53 00-0092	EA		6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling <i>For Work In Restricted Working Space, Add</i>	160.11 30.54	67.88
22 66 53 00-0093			Glass Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings <small>(22 66 53)</small>		
22 66 53 00-0094			Glass Acid Resistant DWV Pipe <small>(22 66 53 00-0093)</small>		
22 66 53 00-0095	LF		1-1/2" Glass Acid Resistant DWV Pipe <i>For Work In Restricted Working Space, Add</i>	30.57 3.53	5.88
22 66 53 00-0096	LF		2" Glass Acid Resistant DWV Pipe <i>For Work In Restricted Working Space, Add</i>	38.45 3.85	6.42
22 66 53 00-0097	LF		3" Glass Acid Resistant DWV Pipe <i>For Work In Restricted Working Space, Add</i>	53.20 5.41	8.98
22 66 53 00-0098	LF		4" Glass Acid Resistant DWV Pipe <i>For Work In Restricted Working Space, Add</i>	87.32 7.00	11.66
22 66 53 00-0099	LF		6" Glass Acid Resistant DWV Pipe <i>For Work In Restricted Working Space, Add</i>	146.55 9.54	15.93
22 66 53 00-0100			Glass Acid Resistant DWV 90 Or 60 Degree Sweeps <small>(22 66 53 00-0093)</small>		
22 66 53 00-0101	EA		1-1/2" Glass Acid Resistant DWV 90 Or 60 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	92.30 15.68	26.19
22 66 53 00-0102	EA		2" Glass Acid Resistant DWV 90 Or 60 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	106.00 16.64	27.79
22 66 53 00-0103	EA		3" Glass Acid Resistant DWV 90 Or 60 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	146.30 18.92	31.53
22 66 53 00-0104	EA		4" Glass Acid Resistant DWV 90 Or 60 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	216.27 25.01	41.68
22 66 53 00-0105	EA		6" Glass Acid Resistant DWV 90 Or 60 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	520.49 34.63	57.72
22 66 53 00-0106			Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweeps <small>(22 66 53 00-0093)</small>		
22 66 53 00-0107	EA		1-1/2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	92.51 15.74	26.29
22 66 53 00-0108	EA		2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	105.58 16.51	27.47
22 66 53 00-0109	EA		3" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	146.09 18.86	31.43
22 66 53 00-0110	EA		4" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	216.28 25.01	41.68
22 66 53 00-0111	EA		6" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	520.47 34.63	57.72
22 66 53 00-0112			Glass Acid Resistant DWV 90 Or 60 Degree Bends <small>(22 66 53 00-0093)</small>		
22 66 53 00-0113	EA		1-1/2" Glass Acid Resistant DWV 90 Or 60 Degree Bend <i>For Work In Restricted Working Space, Add</i>	93.61 15.74	26.29
22 66 53 00-0114	EA		2" Glass Acid Resistant DWV 90 Or 60 Degree Bend <i>For Work In Restricted Working Space, Add</i>	106.89 16.51	27.47
22 66 53 00-0115	EA		3" Glass Acid Resistant DWV 90 Or 60 Degree Bend <i>For Work In Restricted Working Space, Add</i>	148.39 18.86	31.43
22 66 53 00-0116	EA		4" Glass Acid Resistant DWV 90 Or 60 Degree Bend <i>For Work In Restricted Working Space, Add</i>	216.28 25.01	41.68

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 66 53 00-0117 Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bends (22 66 53 00-0093)		
22 66 53 00-0118	EA 1-1/2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend.....	93.61
	<i>For Work In Restricted Working Space, Add</i>	15.74
22 66 53 00-0119	EA 2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend.....	106.89
	<i>For Work In Restricted Working Space, Add</i>	16.51
22 66 53 00-0120	EA 3" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend.....	148.39
	<i>For Work In Restricted Working Space, Add</i>	18.86
22 66 53 00-0121	EA 4" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend.....	216.28
	<i>For Work In Restricted Working Space, Add</i>	25.01
22 66 53 00-0122 Glass Acid Resistant DWV 90 Degree Bends With Long Leg (22 66 53 00-0093)		
22 66 53 00-0123	EA 1-1/2" Glass Acid Resistant DWV 90 Degree Bend With Long Leg.....	109.21
	<i>For Work In Restricted Working Space, Add</i>	15.74
22 66 53 00-0124	EA 2" Glass Acid Resistant DWV 90 Degree Bends With Long Leg.....	129.31
	<i>For Work In Restricted Working Space, Add</i>	16.51
22 66 53 00-0125 Glass Acid Resistant DWV Double Quarter Bends (22 66 53 00-0093)		
22 66 53 00-0126	EA 1-1/2" Glass Acid Resistant DWV Double Quarter Bend.....	150.27
	<i>For Work In Restricted Working Space, Add</i>	23.62
22 66 53 00-0127	EA 2" x 1-1/2" Glass Acid Resistant DWV Double Quarter Bend.....	189.73
	<i>For Work In Restricted Working Space, Add</i>	24.43
22 66 53 00-0128	EA 2" Glass Acid Resistant DWV Double Quarter Bend.....	176.42
	<i>For Work In Restricted Working Space, Add</i>	24.77
22 66 53 00-0129	EA 3" Glass Acid Resistant DWV Double Quarter Bend.....	239.77
	<i>For Work In Restricted Working Space, Add</i>	28.29
22 66 53 00-0130	EA 4" Glass Acid Resistant DWV Double Quarter Bend.....	397.08
	<i>For Work In Restricted Working Space, Add</i>	37.51
22 66 53 00-0131	EA 6" Glass Acid Resistant DWV Double Quarter Bend.....	609.83
	<i>For Work In Restricted Working Space, Add</i>	51.95
22 66 53 00-0132 Glass Acid Resistant DWV Sanitary Tees (22 66 53 00-0093)		
22 66 53 00-0133	EA 1-1/2" Glass Acid Resistant DWV Sanitary Tee.....	143.64
	<i>For Work In Restricted Working Space, Add</i>	23.73
22 66 53 00-0134	EA 2" Glass Acid Resistant DWV Sanitary Tee.....	146.84
	<i>For Work In Restricted Working Space, Add</i>	24.69
22 66 53 00-0135	EA 3" Glass Acid Resistant DWV Sanitary Tee.....	190.32
	<i>For Work In Restricted Working Space, Add</i>	28.22
22 66 53 00-0136	EA 4" Glass Acid Resistant DWV Sanitary Tee.....	297.77
	<i>For Work In Restricted Working Space, Add</i>	37.52
22 66 53 00-0137	EA 6" Glass Acid Resistant DWV Sanitary Tee.....	635.84
	<i>For Work In Restricted Working Space, Add</i>	51.95
22 66 53 00-0138 Glass Acid Resistant DWV Reducing Sanitary Tees (22 66 53 00-0093)		
22 66 53 00-0139	EA 2" x 1-1/2" Glass Acid Resistant DWV Reducing Sanitary Tee.....	145.77
	<i>For Work In Restricted Working Space, Add</i>	24.37
22 66 53 00-0140	EA 3" x 1-1/2" Glass Acid Resistant DWV Reducing Sanitary Tee.....	173.82
	<i>For Work In Restricted Working Space, Add</i>	26.62
22 66 53 00-0141	EA 3" x 2" Glass Acid Resistant DWV Reducing Sanitary Tee.....	184.81
	<i>For Work In Restricted Working Space, Add</i>	27.26
22 66 53 00-0142	EA 4" x 1-1/2" Glass Acid Resistant DWV Reducing Sanitary Tee.....	238.83
	<i>For Work In Restricted Working Space, Add</i>	33.03
22 66 53 00-0143	EA 4" x 2" Glass Acid Resistant DWV Reducing Sanitary Tee.....	250.51
	<i>For Work In Restricted Working Space, Add</i>	33.35
22 66 53 00-0144	EA 4" x 3" Glass Acid Resistant DWV Reducing Sanitary Tee.....	263.25
	<i>For Work In Restricted Working Space, Add</i>	34.31
22 66 53 00-0145	EA 6" x 2" Glass Acid Resistant DWV Reducing Sanitary Tee.....	468.00
	<i>For Work In Restricted Working Space, Add</i>	42.97
22 66 53 00-0146	EA 6" x 3" Glass Acid Resistant DWV Reducing Sanitary Tee.....	505.11
	<i>For Work In Restricted Working Space, Add</i>	43.93
22 66 53 00-0147	EA 6" x 4" Glass Acid Resistant DWV Reducing Sanitary Tee.....	517.65
	<i>For Work In Restricted Working Space, Add</i>	47.14
22 66 53 00-0148 Glass Acid Resistant DWV Double Sanitary Tees (22 66 53 00-0093)		
22 66 53 00-0149	EA 1-1/2" Glass Acid Resistant DWV Double Sanitary Tee.....	203.75
	<i>For Work In Restricted Working Space, Add</i>	31.43
22 66 53 00-0150	EA 2" Glass Acid Resistant DWV Double Sanitary Tee.....	209.07
	<i>For Work In Restricted Working Space, Add</i>	33.02
22 66 53 00-0151	EA 3" Glass Acid Resistant DWV Double Sanitary Tee.....	271.60
	<i>For Work In Restricted Working Space, Add</i>	37.84
22 66 53 00-0152	EA 4" Glass Acid Resistant DWV Double Sanitary Tee.....	445.54
	<i>For Work In Restricted Working Space, Add</i>	50.02
22 66 53 00-0153	EA 6" Glass Acid Resistant DWV Double Sanitary Tee.....	799.48
	<i>For Work In Restricted Working Space, Add</i>	69.27
22 66 53 00-0154 Glass Acid Resistant DWV Reducing Double Sanitary Tees (22 66 53 00-0093)		
22 66 53 00-0155	EA 2" x 1-1/2" Glass Acid Resistant DWV Reducing Double Sanitary Tee.....	206.93
	<i>For Work In Restricted Working Space, Add</i>	32.38

22 Plumbing**22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**
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 UNIT COST UNIT COST

22 66 53 00-0156	EA	3" x 1-1/2"	Glass Acid Resistant DWV Reducing Double Sanitary Tee	239.58	57.72
			<i>For Work In Restricted Working Space, Add</i>	34.63	
22 66 53 00-0157	EA	3" x 2"	Glass Acid Resistant DWV Reducing Double Sanitary Tee	253.43	58.79
			<i>For Work In Restricted Working Space, Add</i>	35.27	
22 66 53 00-0158	EA	4" x 1-1/2"	Glass Acid Resistant DWV Reducing Double Sanitary Tee	371.25	67.88
			<i>For Work In Restricted Working Space, Add</i>	40.73	
22 66 53 00-0159	EA	4" x 2"	Glass Acid Resistant DWV Reducing Double Sanitary Tee	367.44	69.48
			<i>For Work In Restricted Working Space, Add</i>	41.68	
22 66 53 00-0160	EA	4" x 3"	Glass Acid Resistant DWV Reducing Double Sanitary Tee	394.54	73.21
			<i>For Work In Restricted Working Space, Add</i>	43.94	
22 66 53 00-0161	EA	6" x 2"	Glass Acid Resistant DWV Reducing Double Sanitary Tee	524.63	85.50
			<i>For Work In Restricted Working Space, Add</i>	51.30	
22 66 53 00-0162	EA	6" x 3"	Glass Acid Resistant DWV Reducing Double Sanitary Tee	570.98	89.25
			<i>For Work In Restricted Working Space, Add</i>	53.54	
22 66 53 00-0163	EA	6" x 4"	Glass Acid Resistant DWV Reducing Double Sanitary Tee	646.91	99.41
			<i>For Work In Restricted Working Space, Add</i>	59.63	
22 66 53 00-0164 Glass Acid Resistant DWV Tees (22 66 53 00-0093)					
22 66 53 00-0165	EA	1-1/2"	Glass Acid Resistant DWV Tee	158.96	39.55
			<i>For Work In Restricted Working Space, Add</i>	23.73	
22 66 53 00-0166	EA	2"	Glass Acid Resistant DWV Tee	162.15	41.15
			<i>For Work In Restricted Working Space, Add</i>	24.69	
22 66 53 00-0167	EA	3"	Glass Acid Resistant DWV Tee	209.35	47.03
			<i>For Work In Restricted Working Space, Add</i>	28.22	
22 66 53 00-0168	EA	4"	Glass Acid Resistant DWV Tee	327.62	62.53
			<i>For Work In Restricted Working Space, Add</i>	37.51	
22 66 53 00-0169	EA	6"	Glass Acid Resistant DWV Tee	671.63	86.58
			<i>For Work In Restricted Working Space, Add</i>	51.95	
22 66 53 00-0170 Glass Acid Resistant DWV Reducing Tees (22 66 53 00-0093)					
22 66 53 00-0171	EA	2" x 1-1/2"	Glass Acid Resistant DWV Reducing Tee	161.07	40.62
			<i>For Work In Restricted Working Space, Add</i>	24.37	
22 66 53 00-0172	EA	3" x 1-1/2"	Glass Acid Resistant DWV Reducing Tee	189.79	44.35
			<i>For Work In Restricted Working Space, Add</i>	26.62	
22 66 53 00-0173	EA	3" x 2"	Glass Acid Resistant DWV Reducing Tee	194.23	45.42
			<i>For Work In Restricted Working Space, Add</i>	27.26	
22 66 53 00-0174	EA	4" x 1-1/2"	Glass Acid Resistant DWV Reducing Tee	242.34	55.04
			<i>For Work In Restricted Working Space, Add</i>	33.03	
22 66 53 00-0175	EA	4" x 2"	Glass Acid Resistant DWV Reducing Tee	248.86	55.58
			<i>For Work In Restricted Working Space, Add</i>	33.35	
22 66 53 00-0176	EA	4" x 3"	Glass Acid Resistant DWV Reducing Tee	299.14	57.19
			<i>For Work In Restricted Working Space, Add</i>	34.32	
22 66 53 00-0177	EA	6" x 3"	Glass Acid Resistant DWV Reducing Tee	570.72	73.21
			<i>For Work In Restricted Working Space, Add</i>	43.93	
22 66 53 00-0178	EA	6" x 4"	Glass Acid Resistant DWV Reducing Tee	594.42	78.56
			<i>For Work In Restricted Working Space, Add</i>	47.13	
22 66 53 00-0179 Glass Acid Resistant DWV Test Tees With Cleanout (22 66 53 00-0093)					
22 66 53 00-0180	EA	1-1/2"	Glass Acid Resistant DWV Test Tee With Cleanout	185.21	39.55
			<i>For Work In Restricted Working Space, Add</i>	23.73	
22 66 53 00-0181	EA	2"	Glass Acid Resistant DWV Test Tee With Cleanout	206.67	41.15
			<i>For Work In Restricted Working Space, Add</i>	24.69	
22 66 53 00-0182	EA	3"	Glass Acid Resistant DWV Test Tee With Cleanout	265.46	47.03
			<i>For Work In Restricted Working Space, Add</i>	28.22	
22 66 53 00-0183	EA	4"	Glass Acid Resistant DWV Test Tee With Cleanout	455.49	62.53
			<i>For Work In Restricted Working Space, Add</i>	37.51	
22 66 53 00-0184	EA	6"	Glass Acid Resistant DWV Test Tee With Cleanout	671.63	86.58
			<i>For Work In Restricted Working Space, Add</i>	51.95	
22 66 53 00-0185 Glass Acid Resistant DWV Wyes (22 66 53 00-0093)					
22 66 53 00-0186	EA	1-1/2"	Glass Acid Resistant DWV Wye	146.93	39.55
			<i>For Work In Restricted Working Space, Add</i>	23.73	
22 66 53 00-0187	EA	2"	Glass Acid Resistant DWV Wye	150.12	41.15
			<i>For Work In Restricted Working Space, Add</i>	24.69	
22 66 53 00-0188	EA	3"	Glass Acid Resistant DWV Wye	203.44	47.03
			<i>For Work In Restricted Working Space, Add</i>	28.22	
22 66 53 00-0189	EA	4"	Glass Acid Resistant DWV Wye	312.41	62.53
			<i>For Work In Restricted Working Space, Add</i>	37.51	
22 66 53 00-0190	EA	6"	Glass Acid Resistant DWV Wye	625.80	86.58
			<i>For Work In Restricted Working Space, Add</i>	51.95	
22 66 53 00-0191 Glass Acid Resistant DWV Reducing Wyes (22 66 53 00-0093)					
22 66 53 00-0192	EA	2" x 1-1/2"	Glass Acid Resistant DWV Reducing Wye	149.04	40.62
			<i>For Work In Restricted Working Space, Add</i>	24.37	
22 66 53 00-0193	EA	3" x 1-1/2"	Glass Acid Resistant DWV Reducing Wye	180.60	44.35
			<i>For Work In Restricted Working Space, Add</i>	26.62	
22 66 53 00-0194	EA	3" x 2"	Glass Acid Resistant DWV Reducing Wye	185.59	45.42
			<i>For Work In Restricted Working Space, Add</i>	27.26	
22 66 53 00-0195	EA	4" x 1-1/2"	Glass Acid Resistant DWV Reducing Wye	251.97	55.04
			<i>For Work In Restricted Working Space, Add</i>	33.03	
22 66 53 00-0196	EA	4" x 2"	Glass Acid Resistant DWV Reducing Wye	254.33	55.58
			<i>For Work In Restricted Working Space, Add</i>	33.35	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0197 EA 4" x 3" Glass Acid Resistant DWV Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	276.17 34.32	57.19
22 66 53 00-0198 EA 6" x 2" Glass Acid Resistant DWV Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	453.75 42.96	71.61
22 66 53 00-0199 EA 6" x 3" Glass Acid Resistant DWV Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	525.22 43.93	73.21
22 66 53 00-0200 EA 6" x 4" Glass Acid Resistant DWV Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	570.79 47.13	78.56
22 66 53 00-0201 Glass Acid Resistant DWV Double Wyes <small>(22 66 53 00-0093)</small>		
22 66 53 00-0202 EA 1-1/2" Glass Acid Resistant DWV Double Wye <i>For Work In Restricted Working Space, Add</i>	236.77 31.42	52.37
22 66 53 00-0203 EA 2" Glass Acid Resistant DWV Double Wye..... <i>For Work In Restricted Working Space, Add</i>	242.13 33.03	55.04
22 66 53 00-0204 EA 3" Glass Acid Resistant DWV Double Wye..... <i>For Work In Restricted Working Space, Add</i>	322.88 37.83	63.06
22 66 53 00-0205 EA 4" Glass Acid Resistant DWV Double Wye..... <i>For Work In Restricted Working Space, Add</i>	497.91 50.01	83.37
22 66 53 00-0206 EA 6" Glass Acid Resistant DWV Double Wye..... <i>For Work In Restricted Working Space, Add</i>	827.80 69.29	115.43
22 66 53 00-0207 Glass Acid Resistant DWV Reducing Double Wyes <small>(22 66 53 00-0093)</small>		
22 66 53 00-0208 EA 2" x 1-1/2" Glass Acid Resistant DWV Reducing Double Wye <i>For Work In Restricted Working Space, Add</i>	239.95 32.38	53.97
22 66 53 00-0209 EA 3" x 1-1/2" Glass Acid Resistant DWV Reducing Double Wye <i>For Work In Restricted Working Space, Add</i>	247.45 34.63	57.72
22 66 53 00-0210 EA 3" x 2" Glass Acid Resistant DWV Reducing Double Wye <i>For Work In Restricted Working Space, Add</i>	285.46 35.27	58.79
22 66 53 00-0211 EA 4" x 1-1/2" Glass Acid Resistant DWV Reducing Double Wye <i>For Work In Restricted Working Space, Add</i>	350.72 40.73	67.88
22 66 53 00-0212 EA 4" x 2" Glass Acid Resistant DWV Reducing Double Wye <i>For Work In Restricted Working Space, Add</i>	370.08 41.69	69.48
22 66 53 00-0213 EA 4" x 3" Glass Acid Resistant DWV Reducing Double Wye <i>For Work In Restricted Working Space, Add</i>	434.65 43.93	73.21
22 66 53 00-0214 EA 6" x 2" Glass Acid Resistant DWV Reducing Double Wye <i>For Work In Restricted Working Space, Add</i>	670.22 51.29	85.50
22 66 53 00-0215 EA 6" x 3" Glass Acid Resistant DWV Reducing Double Wye <i>For Work In Restricted Working Space, Add</i>	703.43 53.55	89.25
22 66 53 00-0216 EA 6" x 4" Glass Acid Resistant DWV Reducing Double Wye <i>For Work In Restricted Working Space, Add</i>	752.30 59.65	99.41
22 66 53 00-0217 Glass Acid Resistant DWV Combination Wye And 1/8 Bends <small>(22 66 53 00-0093)</small>		
22 66 53 00-0218 EA 1-1/2" Glass Acid Resistant DWV Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	164.25 23.73	39.55
22 66 53 00-0219 EA 2" Glass Acid Resistant DWV Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	168.17 24.69	41.15
22 66 53 00-0220 EA 3" Glass Acid Resistant DWV Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	214.16 28.22	47.03
22 66 53 00-0221 EA 4" Glass Acid Resistant DWV Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	317.99 37.51	62.53
22 66 53 00-0222 EA 6" Glass Acid Resistant DWV Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	610.16 51.95	86.58
22 66 53 00-0223 Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bends <small>(22 66 53 00-0093)</small>		
22 66 53 00-0224 EA 2" x 1-1/2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	167.09 24.37	40.62
22 66 53 00-0225 EA 3" x 1-1/2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	183.34 26.62	44.35
22 66 53 00-0226 EA 3" x 2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	196.52 27.26	45.42
22 66 53 00-0227 EA 4" x 1-1/2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	245.41 33.03	55.04
22 66 53 00-0228 EA 4" x 2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	255.76 33.35	55.58
22 66 53 00-0229 EA 4" x 3" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	277.81 34.32	57.19
22 66 53 00-0230 EA 6" x 2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	454.73 42.96	71.61
22 66 53 00-0231 EA 6" x 3" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	515.70 43.93	73.21
22 66 53 00-0232 EA 6" x 4" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	527.04 47.13	78.56
22 66 53 00-0233 Glass Acid Resistant DWV Double Combination Wye And 1/8 Bends <small>(22 66 53 00-0093)</small>		
22 66 53 00-0234 EA 1-1/2" Double Glass Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	220.36 31.42	52.37
22 66 53 00-0235 EA 2" Double Glass Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	255.91 33.03	55.04
22 66 53 00-0236 EA 3" Double Glass Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	343.66 37.83	63.06

22 Plumbing

22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities

22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
22 66 53 00-0237	EA	4" Double Glass Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	546.26		83.37
			50.01		
22 66 53 00-0238	EA	6" Double Glass Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	904.97		115.43
			69.29		
22 66 53 00-0239 Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bends <small>(22 66 53 00-0093)</small>					
22 66 53 00-0240	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	226.05		53.97
			32.38		
22 66 53 00-0241	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	286.17		57.72
			34.63		
22 66 53 00-0242	EA	3" x 2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	281.96		58.79
			35.27		
22 66 53 00-0243	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	377.63		67.88
			40.73		
22 66 53 00-0244	EA	4" x 2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	374.34		69.48
			41.69		
22 66 53 00-0245	EA	4" x 3" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	419.44		73.21
			43.93		
22 66 53 00-0246	EA	6" x 2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	599.74		85.50
			51.29		
22 66 53 00-0247	EA	6" x 3" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	638.90		89.25
			53.55		
22 66 53 00-0248	EA	6" x 4" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	744.64		99.41
			59.65		
22 66 53 00-0249 Glass Acid Resistant DWV Partition Crosses (Compact) <small>(22 66 53 00-0093)</small>					
22 66 53 00-0250	EA	2" x 1-1/2" Glass Acid Resistant DWV Partition Cross (Compact) <i>For Work In Restricted Working Space, Add</i>	247.93		53.97
			32.38		
22 66 53 00-0251	EA	2" Glass Acid Resistant DWV Partition Cross (Compact) <i>For Work In Restricted Working Space, Add</i>	250.11		55.04
			33.03		
22 66 53 00-0252	EA	2" x 1-1/2" x 1-1/2" x 1-1/2" Glass Acid Resistant DWV Partition Cross (Compact) <i>For Work In Restricted Working Space, Add</i>	267.25		53.44
			32.07		
22 66 53 00-0253 Glass Acid Resistant DWV Upright Y Or H (Vent Branch) <small>(22 66 53 00-0093)</small>					
22 66 53 00-0254	EA	1-1/2" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch) <i>For Work In Restricted Working Space, Add</i>	242.53		39.55
			23.73		
22 66 53 00-0255	EA	2" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch) <i>For Work In Restricted Working Space, Add</i>	267.05		41.15
			24.69		
22 66 53 00-0256	EA	3" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch) <i>For Work In Restricted Working Space, Add</i>	307.25		47.03
			28.22		
22 66 53 00-0257	EA	4" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch) <i>For Work In Restricted Working Space, Add</i>	450.35		62.53
			37.51		
22 66 53 00-0258	EA	6" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch) <i>For Work In Restricted Working Space, Add</i>	843.36		86.58
			51.95		
22 66 53 00-0259 Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch) <small>(22 66 53 00-0093)</small>					
22 66 53 00-0260	EA	2" x 1-1/2" Reducing Glass Upright Y Or H (Vent Branch) <i>For Work In Restricted Working Space, Add</i>	243.98		40.62
			24.37		
22 66 53 00-0261	EA	3" x 1-1/2" Reducing Glass Upright Y Or H (Vent Branch) <i>For Work In Restricted Working Space, Add</i>	278.39		44.35
			26.62		
22 66 53 00-0262	EA	3" x 2" Reducing Glass Upright Y Or H (Vent Branch) <i>For Work In Restricted Working Space, Add</i>	296.39		45.42
			27.26		
22 66 53 00-0263	EA	4" x 1-1/2" Reducing Glass Upright Y Or H (Vent Branch) <i>For Work In Restricted Working Space, Add</i>	343.85		55.04
			33.03		
22 66 53 00-0264	EA	4" x 2" Reducing Glass Upright Y Or H (Vent Branch) <i>For Work In Restricted Working Space, Add</i>	363.83		55.58
			33.35		
22 66 53 00-0265	EA	4" x 3" Reducing Glass Upright Y Or H (Vent Branch) <i>For Work In Restricted Working Space, Add</i>	399.44		57.19
			34.32		
22 66 53 00-0266	EA	6" x 3" Reducing Glass Upright Y Or H (Vent Branch) <i>For Work In Restricted Working Space, Add</i>	575.20		73.21
			43.93		
22 66 53 00-0267	EA	6" x 4" Reducing Glass Upright Y Or H (Vent Branch) <i>For Work In Restricted Working Space, Add</i>	655.01		78.56
			47.13		
22 66 53 00-0268 Glass Acid Resistant DWV Reducers Or Increases <small>(22 66 53 00-0093)</small>					
22 66 53 00-0269	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increaser <i>For Eccentric Reducers Or Increases, Add</i> <i>For Work In Restricted Working Space, Add</i>	88.44		26.73
			2.80		
			16.03		
22 66 53 00-0270	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increaser <i>For Eccentric Reducers Or Increases, Add</i> <i>For Work In Restricted Working Space, Add</i>	109.68		28.86
			4.16		
			17.32		
22 66 53 00-0271	EA	3" x 2" Glass Acid Resistant DWV Reducer Or Increaser <i>For Eccentric Reducers Or Increases, Add</i> <i>For Work In Restricted Working Space, Add</i>	116.98		29.39
			4.66		
			17.64		
22 66 53 00-0272	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increaser <i>For Eccentric Reducers Or Increases, Add</i> <i>For Work In Restricted Working Space, Add</i>	149.68		34.20
			6.50		
			20.52		
22 66 53 00-0273	EA	4" x 2" Glass Acid Resistant DWV Reducer Or Increaser <i>For Eccentric Reducers Or Increases, Add</i> <i>For Work In Restricted Working Space, Add</i>	155.78		34.73
			6.90		
			20.84		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0274 EA 4" x 3" Glass Acid Resistant DWV Reducer Or Increaser..... <i>For Eccentric Reducers Or Increasers, Add For Work In Restricted Working Space, Add</i>	165.98 7.46 21.80	36.35
22 66 53 00-0275 EA 6" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increaser..... <i>For Eccentric Reducers Or Increasers, Add For Work In Restricted Working Space, Add</i>	320.71 18.90 25.33	42.22
22 66 53 00-0276 EA 6" x 2" Glass Acid Resistant DWV Reducer Or Increaser..... <i>For Eccentric Reducers Or Increasers, Add For Work In Restricted Working Space, Add</i>	336.75 20.10 25.65	42.75
22 66 53 00-0277 EA 6" x 3" Glass Acid Resistant DWV Reducer Or Increaser..... <i>For Eccentric Reducers Or Increasers, Add For Work In Restricted Working Space, Add</i>	357.15 21.47 26.62	44.35
22 66 53 00-0278 EA 6" x 4" Glass Acid Resistant DWV Reducer Or Increaser..... <i>For Eccentric Reducers Or Increasers, Add For Work In Restricted Working Space, Add</i>	375.60 22.10 29.82	49.70
22 66 53 00-0279 Glass Acid Resistant DWV Swivel P-Traps (22 66 53 00-0093)		
22 66 53 00-0280 EA 1-1/2" Glass Acid Resistant DWV Swivel P-Trap..... <i>For Work In Restricted Working Space, Add</i>	202.27 23.73	39.55
22 66 53 00-0281 EA 2" x 1-1/2" Glass Acid Resistant DWV Swivel P-Trap..... <i>For Work In Restricted Working Space, Add</i>	216.10 24.37	40.62
22 66 53 00-0282 EA 2" Glass Acid Resistant DWV Swivel P-Trap..... <i>For Work In Restricted Working Space, Add</i>	241.78 24.69	41.15
22 66 53 00-0283 EA 1-1/2" Glass Acid Resistant DWV Swivel P-Trap..... <i>For Work In Restricted Working Space, Add</i>	218.24 23.73	39.55
22 66 53 00-0284 EA 2" x 1-1/2" Glass Acid Resistant DWV Swivel P-Trap..... <i>For Work In Restricted Working Space, Add</i>	236.45 24.37	40.62
22 66 53 00-0285 EA 2" Glass Acid Resistant DWV Swivel P-Trap..... <i>For Work In Restricted Working Space, Add</i>	264.75 24.69	41.15
22 66 53 00-0286 EA 1-1/2" Glass Acid Resistant DWV Swivel P-Trap..... <i>For Work In Restricted Working Space, Add</i>	222.61 23.73	39.55
22 66 53 00-0287 EA 2" x 1-1/2" Glass Acid Resistant DWV Swivel P-Trap..... <i>For Work In Restricted Working Space, Add</i>	236.45 24.37	40.62
22 66 53 00-0288 EA 2" Glass Acid Resistant DWV Swivel P-Trap..... <i>For Work In Restricted Working Space, Add</i>	264.75 24.69	41.15
22 66 53 00-0289 Glass Acid Resistant DWV Drum P-Traps (22 66 53 00-0093)		
22 66 53 00-0290 EA 1-1/2" Glass Acid Resistant DWV Drum P-Trap..... <i>For Work In Restricted Working Space, Add</i>	272.27 23.73	39.55
22 66 53 00-0291 EA 2" x 1-1/2" Glass Acid Resistant DWV Drum P-Trap..... <i>For Work In Restricted Working Space, Add</i>	340.47 24.37	40.62
22 66 53 00-0292 EA 2" Glass Acid Resistant DWV Drum P-Trap..... <i>For Work In Restricted Working Space, Add</i>	350.29 24.69	41.15
22 66 53 00-0293 EA 1-1/2" Glass Acid Resistant DWV Drum P-Trap..... <i>For Work In Restricted Working Space, Add</i>	298.85 23.73	39.55
22 66 53 00-0294 EA 2" x 1-1/2" Glass Acid Resistant DWV Drum P-Trap..... <i>For Work In Restricted Working Space, Add</i>	316.51 24.37	40.62
22 66 53 00-0295 EA 2" Glass Acid Resistant DWV Drum P-Trap..... <i>For Work In Restricted Working Space, Add</i>	355.43 24.69	41.15
22 66 53 00-0296 Glass Acid Resistant DWV Cleanout Plugs (22 66 53 00-0093)		
22 66 53 00-0297 EA 1-1/2" Glass Acid Resistant DWV Cleanout Plug..... <i>For Work In Restricted Working Space, Add</i>	43.03 8.02	13.36
22 66 53 00-0298 EA 2" Glass Acid Resistant DWV Cleanout Plug..... <i>For Work In Restricted Working Space, Add</i>	48.35 8.34	13.89
22 66 53 00-0299 EA 3" Glass Acid Resistant DWV Cleanout Plug..... <i>For Work In Restricted Working Space, Add</i>	60.42 9.30	15.50
22 66 53 00-0300 EA 4" Glass Acid Resistant DWV Cleanout Plug..... <i>For Work In Restricted Working Space, Add</i>	94.62 12.50	20.84
22 66 53 00-0301 EA 6" Glass Acid Resistant DWV Cleanout Plug..... <i>For Work In Restricted Working Space, Add</i>	135.05 17.32	28.86
22 66 53 00-0302 Glass Acid Resistant DWV Sink Fittings (22 66 53 00-0093)		
22 66 53 00-0303 EA 1-1/2" Glass Acid Resistant DWV Interceptor Trap..... <i>For Work In Restricted Working Space, Add</i>	571.92 31.42	52.37
22 66 53 00-0304 EA 1-1/2" x 6-1/2" Long Glass Acid Resistant DWV Tailpiece Assembly..... <i>For Work In Restricted Working Space, Add</i>	57.03 8.02	13.36
22 66 53 00-0305 EA 1-1/2" x 10-1/2" Long Glass Acid Resistant DWV Tailpiece Assembly..... <i>For Work In Restricted Working Space, Add</i>	62.83 8.02	13.36
22 66 53 00-0306 EA 1-1/2" Split Coupling (Threaded To Beaded Pipe) For Glass Acid Resistant DWV Pipe And Fittings..... <i>For Work In Restricted Working Space, Add</i>	89.32 16.03	26.73
22 66 53 00-0307 EA 3" Diameter Hemispherical Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings..... <i>For Work In Restricted Working Space, Add</i>	175.36 16.67	27.79
22 66 53 00-0308 EA 6" Diameter Hemispherical Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings..... <i>For Work In Restricted Working Space, Add</i>	177.54 16.67	27.79
22 66 53 00-0309 EA 3" x 9" Oval Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings..... <i>For Work In Restricted Working Space, Add</i>	199.42 16.67	27.79
22 66 53 00-0310 EA 3" x 6" Oval Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings..... <i>For Work In Restricted Working Space, Add</i>	163.54 16.67	27.79

22 Plumbing**22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0311			Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapters <small>(22 66 53 00-0093)</small> Note: Includes teflon spacer.		
22 66 53 00-0312	EA		1-1/2" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter 160.04	39.44	
			<i>For Work In Restricted Working Space, Add</i> 23.66		
22 66 53 00-0313	EA		2" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter 167.06	41.36	
			<i>For Work In Restricted Working Space, Add</i> 24.82		
22 66 53 00-0314	EA		3" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter 228.83	47.13	
			<i>For Work In Restricted Working Space, Add</i> 28.29		
22 66 53 00-0315	EA		4" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter 325.44	62.64	
			<i>For Work In Restricted Working Space, Add</i> 37.55		
22 66 53 00-0316			Bead To Bead Drainline Couplings For Glass Acid Resistant DWV Pipe And Fittings <small>(22 66 53 00-0093)</small> Note: Includes segmented stainless steel outer band, Buna-N rubber compression liner with TFE seal ring, stainless steel bolt and silver plated stainless hex nut.		
22 66 53 00-0317	EA		1-1/2" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings..... 27.46		
22 66 53 00-0318	EA		2" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings..... 34.64		
22 66 53 00-0319	EA		3" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings..... 46.31		
22 66 53 00-0320	EA		4" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings..... 78.03		
22 66 53 00-0321	EA		6" Bead To Bead, Stainless Steel, TFE Seal Ring Couplings, Glass Piping..... 181.76		
22 66 53 00-0322			Bead To Plain End Drainline Couplings For Glass Acid Resistant DWV Pipe And Fittings <small>(22 66 53 00-0093)</small> Note: Includes stainless steel band with bolt, Buna-N rubber compression liner with TFE seal ring and silver plated stainless hex nut.		
22 66 53 00-0323	EA		1-1/2" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings..... 35.40		
22 66 53 00-0324	EA		2" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings 44.30		
22 66 53 00-0325	EA		3" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings 75.22		
22 66 53 00-0326	EA		4" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings..... 112.12		
22 66 53 00-0327	EA		6" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings..... 273.38		
22 66 53 00-0328			Bell And Spigot High Silicon Iron Alloy Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings <small>(22 66 53)</small> Note: Acid resistant. ASTM A518.		
22 66 53 00-0329			Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe <small>(22 66 53 00-0328)</small>		
22 66 53 00-0330	LF		2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe 151.50	9.51	
22 66 53 00-0331	LF		3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe 214.34	11.87	
22 66 53 00-0332	LF		4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe 293.50	13.68	
22 66 53 00-0333	LF		6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe 483.90	18.99	
22 66 53 00-0334	LF		8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe 860.10	25.46	
22 66 53 00-0335	LF		10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe 1,531.17	32.12	
22 66 53 00-0336	LF		12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe 2,741.10	43.26	
22 66 53 00-0337	LF		15" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe 4,903.58	49.60	
22 66 53 00-0338			Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Fittings <small>(22 66 53 00-0328)</small>		
22 66 53 00-0339			Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweeps <small>(22 66 53 00-0338)</small>		
22 66 53 00-0340	EA		2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep 573.20	81.02	
22 66 53 00-0341	EA		3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep 761.89	89.14	
22 66 53 00-0342	EA		4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep 1,265.99	106.67	
22 66 53 00-0343	EA		6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep 1,906.75	125.42	
22 66 53 00-0344	EA		8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep 4,446.74	204.64	
22 66 53 00-0345			Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bends <small>(22 66 53 00-0338)</small>		
22 66 53 00-0346	EA		2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend 308.39	81.02	
22 66 53 00-0347	EA		3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend 414.00	89.14	
22 66 53 00-0348	EA		4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend 523.48	106.67	
22 66 53 00-0349	EA		6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend 1,496.55	125.42	
22 66 53 00-0350	EA		8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend 3,458.62	204.64	
22 66 53 00-0351	EA		10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend 5,296.17	254.96	
22 66 53 00-0352	EA		12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend 7,830.46	306.61	
22 66 53 00-0353			Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bends <small>(22 66 53 00-0338)</small>		
22 66 53 00-0354	EA		2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend 308.39	81.02	
22 66 53 00-0355	EA		3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend 414.00	89.14	
22 66 53 00-0356	EA		4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend 523.48	106.67	
22 66 53 00-0357	EA		6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend 1,070.77	125.42	
22 66 53 00-0358	EA		8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend 2,908.23	204.64	
22 66 53 00-0359	EA		10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend 4,284.43	254.96	
22 66 53 00-0360	EA		12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend 6,117.74	306.61	
22 66 53 00-0361			Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bends <small>(22 66 53 00-0338)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 66 53 00-0362	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend.....	308.39	81.02
22 66 53 00-0363	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend.....	414.00	89.14
22 66 53 00-0364	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend.....	523.22	106.57
22 66 53 00-0365 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweeps				
<i>(22 66 53 00-0338)</i>				
22 66 53 00-0366	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep.....	443.39	81.02
22 66 53 00-0367	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep.....	824.20	89.14
22 66 53 00-0368	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep.....	918.10	106.67
22 66 53 00-0369 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tees				
<i>(22 66 53 00-0338)</i>				
22 66 53 00-0370	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee.....	431.02	121.21
22 66 53 00-0371	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee.....	554.52	134.35
22 66 53 00-0372	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee.....	790.96	160.43
22 66 53 00-0373	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee.....	1,373.00	188.48
22 66 53 00-0374	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee.....	4,412.07	307.23
22 66 53 00-0375	EA	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee.....	6,304.78	383.63
22 66 53 00-0376 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tees				
<i>(22 66 53 00-0338)</i>				
22 66 53 00-0377	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee.....	402.70	116.19
22 66 53 00-0378	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee.....	477.82	124.74
22 66 53 00-0379	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee.....	541.46	129.12
22 66 53 00-0380	EA	4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee.....	623.97	142.58
22 66 53 00-0381	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee.....	672.32	147.07
22 66 53 00-0382	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee.....	746.23	151.46
22 66 53 00-0383	EA	6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee.....	946.38	163.10
22 66 53 00-0384	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee.....	1,060.87	167.30
22 66 53 00-0385	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee.....	1,197.00	174.99
22 66 53 00-0386 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tees				
<i>(22 66 53 00-0338)</i>				
22 66 53 00-0387	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee.....	503.65	121.21
22 66 53 00-0388	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee.....	616.31	134.04
22 66 53 00-0389	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee.....	858.42	160.43
22 66 53 00-0390 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tees				
<i>(22 66 53 00-0338)</i>				
22 66 53 00-0391	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee.....	475.35	116.19
22 66 53 00-0392	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee.....	604.68	129.76
22 66 53 00-0393	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee.....	735.26	147.51
22 66 53 00-0394	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee.....	793.64	151.89
22 66 53 00-0395 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wyes				
<i>(22 66 53 00-0338)</i>				
22 66 53 00-0396	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye.....	426.04	121.43
22 66 53 00-0397	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye.....	611.64	134.35
22 66 53 00-0398	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye.....	790.77	160.33
22 66 53 00-0399	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye.....	1,382.29	187.79
22 66 53 00-0400	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye.....	5,585.08	306.93
22 66 53 00-0401 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wyes				
<i>(22 66 53 00-0338)</i>				
22 66 53 00-0402	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	444.19	116.19
22 66 53 00-0403	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	477.77	124.74
22 66 53 00-0404	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	506.24	129.87
22 66 53 00-0405	EA	4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	566.85	142.58
22 66 53 00-0406	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	589.50	147.29
22 66 53 00-0407	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	726.14	151.89
22 66 53 00-0408	EA	6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	1,002.94	163.30
22 66 53 00-0409	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	1,211.45	167.30
22 66 53 00-0410	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	1,264.51	174.99
22 66 53 00-0411	EA	8" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	3,232.28	247.60
22 66 53 00-0412	EA	8" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	3,498.96	255.79
22 66 53 00-0413	EA	8" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	4,312.94	268.88
22 66 53 00-0414 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bends				
<i>(22 66 53 00-0338)</i>				
22 66 53 00-0415	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend.....	524.36	121.21
22 66 53 00-0416	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend.....	631.89	134.04
22 66 53 00-0417	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend.....	962.26	160.43
22 66 53 00-0418	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend.....	1,517.65	187.98
22 66 53 00-0419 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bends				
<i>(22 66 53 00-0338)</i>				
22 66 53 00-0420	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend.....	423.43	116.19

22 Plumbing**22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**
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22 66 53 00-0421	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	498.54	124.74
22 66 53 00-0422	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	557.95	129.76
22 66 53 00-0423	EA	4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	603.20	142.58
22 66 53 00-0424	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	709.30	147.51
22 66 53 00-0425	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	814.35	151.78
22 66 53 00-0426	EA	6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	1,070.37	163.30
22 66 53 00-0427	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	1,362.09	167.40
22 66 53 00-0428	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	1,498.59	175.29
22 66 53 00-0429		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducers (22 66 53 00-0338)		
22 66 53 00-0430	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	259.78	76.32
22 66 53 00-0431	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	286.94	80.59
22 66 53 00-0432	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	324.51	84.87
22 66 53 00-0433	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	551.28	94.06
22 66 53 00-0434	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	578.48	98.44
22 66 53 00-0435	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	624.25	104.64
22 66 53 00-0436	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	828.33	112.63
22 66 53 00-0437	EA	8" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	1,211.45	153.51
22 66 53 00-0438	EA	8" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	1,288.08	166.50
22 66 53 00-0439		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increasers (22 66 53 00-0338)		
22 66 53 00-0440	EA	2" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	713.76	178.18
22 66 53 00-0441	EA	2" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	983.76	178.18
22 66 53 00-0442	EA	3" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	1,007.99	178.18
22 66 53 00-0443	EA	4" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	1,102.69	233.36
22 66 53 00-0444		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Traps (22 66 53 00-0338)		
22 66 53 00-0445	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	879.55	81.02
22 66 53 00-0446	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	1,068.24	89.14
22 66 53 00-0447	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	1,302.34	106.67
22 66 53 00-0448	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	3,973.33	125.42
22 66 53 00-0449		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hubs (22 66 53 00-0338)		
22 66 53 00-0450	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	407.04	81.02
22 66 53 00-0451	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	523.04	89.14
22 66 53 00-0452	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	731.17	106.67
22 66 53 00-0453	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	945.29	125.42
22 66 53 00-0454	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	1,892.82	174.99
22 66 53 00-0455		Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings (22 66 53 00-0328)		
		Note: Labor costs for installation of lead and oakum are included in the installation costs for fittings.		
22 66 53 00-0456	LB	Lead (1 LB/Diameter Inch) Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings	7.19	
22 66 53 00-0457	LB	Seal-Tite Packing (1/8 LB/Diameter Inch) Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings	95.20	
22 66 53 00-0458		Mechanical Joint High Silicon Iron Alloy Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings (22 66 53)		
		Note: ASTM A518.		
22 66 53 00-0459		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe (22 66 53 00-0458)		
22 66 53 00-0460	LF	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	120.51	7.16
22 66 53 00-0461	LF	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	137.28	7.91
22 66 53 00-0462	LF	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	190.04	9.94
22 66 53 00-0463	LF	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	240.51	11.54
22 66 53 00-0464		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Fittings (22 66 53 00-0458)		
22 66 53 00-0465		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweeps (22 66 53 00-0464)		
22 66 53 00-0466	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	422.63	56.75
22 66 53 00-0467	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	454.47	64.13
22 66 53 00-0468	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	635.66	70.76
22 66 53 00-0469	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	766.94	85.50
22 66 53 00-0470		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bends (22 66 53 00-0464)		
22 66 53 00-0471	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	220.12	56.75
22 66 53 00-0472	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	266.55	63.49
22 66 53 00-0473	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	350.45	70.97
22 66 53 00-0474	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	464.82	84.87
22 66 53 00-0475	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	261.26	59.97

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 66 53 00-0476			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bends <small>(22 66 53 00-0464)</small>		
22 66 53 00-0477	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	220.12	56.75
22 66 53 00-0478	EA		2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend.....	266.55	63.49
22 66 53 00-0479	EA		3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend.....	350.45	70.97
22 66 53 00-0480	EA		4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend.....	464.82	84.87
22 66 53 00-0481			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bends <small>(22 66 53 00-0464)</small>		
22 66 53 00-0482	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	266.85	56.75
22 66 53 00-0483	EA		2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend.....	339.24	63.49
22 66 53 00-0484	EA		3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend.....	542.57	70.97
22 66 53 00-0485	EA		4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend.....	605.01	84.87
22 66 53 00-0486			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bends <small>(22 66 53 00-0464)</small>		
22 66 53 00-0487	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	256.47	56.75
22 66 53 00-0488	EA		2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend.....	308.09	63.49
22 66 53 00-0489	EA		3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend.....	495.84	70.97
22 66 53 00-0490	EA		4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend.....	558.28	84.87
22 66 53 00-0491			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Branch 1/4 Bends <small>(22 66 53 00-0464)</small>		
22 66 53 00-0492	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Branch 1/4 Bend.....	387.67	85.40
22 66 53 00-0493			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tees <small>(22 66 53 00-0464)</small>		
22 66 53 00-0494	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	304.59	85.40
22 66 53 00-0495	EA		2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	383.07	96.20
22 66 53 00-0496	EA		3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	519.01	107.20
22 66 53 00-0497	EA		4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	810.29	128.37
22 66 53 00-0498			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tees <small>(22 66 53 00-0464)</small>		
22 66 53 00-0499	EA		2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	356.88	92.57
22 66 53 00-0500	EA		3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	445.58	99.83
22 66 53 00-0501	EA		3" x 2" Mechanical Joint High Silicon Iron Alloy Sanitary Reducing Tee.....	476.84	103.35
22 66 53 00-0502	EA		4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	508.44	114.04
22 66 53 00-0503	EA		4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee.....	565.26	117.26
22 66 53 00-0504	EA		4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee.....	617.32	120.78
22 66 53 00-0505			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wyes <small>(22 66 53 00-0464)</small>		
22 66 53 00-0506	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye.....	305.01	85.73
22 66 53 00-0507	EA		2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye.....	362.30	96.20
22 66 53 00-0508	EA		3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye.....	498.24	107.20
22 66 53 00-0509	EA		4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye.....	810.29	128.37
22 66 53 00-0510			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wyes <small>(22 66 53 00-0464)</small>		
22 66 53 00-0511	EA		2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	342.01	93.10
22 66 53 00-0512	EA		3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	429.98	99.73
22 66 53 00-0513	EA		3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	451.34	103.68
22 66 53 00-0514	EA		4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	508.95	114.37
22 66 53 00-0515	EA		4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	566.23	117.89
22 66 53 00-0516	EA		4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	602.20	121.10
22 66 53 00-0517			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wyes <small>(22 66 53 00-0464)</small>		
22 66 53 00-0518	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	467.12	114.15
22 66 53 00-0519	EA		2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	607.94	128.48
22 66 53 00-0520	EA		3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	794.64	142.16
22 66 53 00-0521	EA		4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	1,045.50	170.91
22 66 53 00-0522	EA		2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	518.80	120.89
22 66 53 00-0523	EA		3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	586.58	128.05
22 66 53 00-0524	EA		3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	711.50	135.11
22 66 53 00-0525	EA		4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	785.07	149.64
22 66 53 00-0526	EA		4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	962.60	157.23
22 66 53 00-0527			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Crosses <small>(22 66 53 00-0464)</small>		
22 66 53 00-0528	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	529.36	114.15
22 66 53 00-0529	EA		2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	628.45	128.27
22 66 53 00-0530	EA		3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	930.85	142.90
22 66 53 00-0531	EA		4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	1,320.96	171.13
22 66 53 00-0532	EA		2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	570.66	120.89

22 Plumbing**22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**
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22 66 53 00-0533	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	768.28	128.05
22 66 53 00-0534	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross.....	810.07	135.11
22 66 53 00-0535	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross.....	862.90	149.53
22 66 53 00-0536	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross.....	1,122.73	156.58

22 66 53 00-0537 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bends (22 66 53 00-0464)

22 66 53 00-0538	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	345.70	85.08
22 66 53 00-0539	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	403.84	96.20
22 66 53 00-0540	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	498.24	107.20
22 66 53 00-0541	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	867.40	128.37

22 66 53 00-0542 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bends (22 66 53 00-0464)

22 66 53 00-0543	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	382.92	92.67
22 66 53 00-0544	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	430.41	100.04
22 66 53 00-0545	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	472.11	103.68
22 66 53 00-0546	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	659.53	114.37
22 66 53 00-0547	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	675.27	117.89
22 66 53 00-0548	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	763.16	121.10

22 66 53 00-0549 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bends (22 66 53 00-0464)

22 66 53 00-0550	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend.....	565.47	113.94
22 66 53 00-0551	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend.....	721.83	128.16
22 66 53 00-0552	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend.....	1,070.28	142.48
22 66 53 00-0553	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend.....	1,285.16	171.44

22 66 53 00-0554 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bends (22 66 53 00-0464)

22 66 53 00-0555	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	617.39	120.89
22 66 53 00-0556	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	752.67	127.94
22 66 53 00-0557	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	784.11	135.11
22 66 53 00-0558	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	873.28	149.53
22 66 53 00-0559	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	1,122.73	156.58

22 66 53 00-0560 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducers-Increasers (22 66 53 00-0464)

22 66 53 00-0561	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	262.16	60.60
22 66 53 00-0562	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	298.65	64.13
22 66 53 00-0563	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	351.03	74.82
22 66 53 00-0564	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	428.50	71.08
22 66 53 00-0565	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	454.60	74.60
22 66 53 00-0566	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	480.70	78.13

22 66 53 00-0567 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tees (22 66 53 00-0464)

22 66 53 00-0568	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	246.17	49.91
22 66 53 00-0569	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	287.12	56.43
22 66 53 00-0570	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	339.81	63.92
22 66 53 00-0571	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	646.33	77.81

22 66 53 00-0572 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plugs (22 66 53 00-0464)

22 66 53 00-0573	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug.....	104.87	28.43
22 66 53 00-0574	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug.....	125.49	31.74
22 66 53 00-0575	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug.....	136.29	35.49
22 66 53 00-0576	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug.....	177.88	42.43

22 66 53 00-0577 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Traps (22 66 53 00-0464)

22 66 53 00-0578	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	474.05	56.43
22 66 53 00-0579	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	484.63	63.49
22 66 53 00-0580	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	604.88	70.97
22 66 53 00-0581	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	776.36	84.87
22 66 53 00-0582	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap.....	672.49	60.71
22 66 53 00-0583	EA	2" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap.....	937.62	67.76
22 66 53 00-0584	EA	3" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap.....	1,140.24	74.82

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 66 53 00-0585	EA		4" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap.....	1,421.31	89.14
22 66 53 00-0586			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum Traps <small>(22 66 53 00-0464)</small>		
22 66 53 00-0587	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum P-Trap.....	911.80	64.45
22 66 53 00-0588	EA		2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum P-Trap.....	1,462.11	71.29
22 66 53 00-0589	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum S-Trap.....	952.95	64.13
22 66 53 00-0590	EA		2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum S-Trap.....	1,462.11	71.29
22 66 53 00-0591			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Traps <small>(22 66 53 00-0464)</small>		
22 66 53 00-0592	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Short P-Trap.....	843.91	64.13
22 66 53 00-0593	EA		2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Short P-Trap.....	994.79	71.29
22 66 53 00-0594	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long P-Trap.....	984.10	64.13
22 66 53 00-0595	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long S-Trap.....	2,215.01	71.29
22 66 53 00-0596	EA		2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long S-Trap.....	1,295.95	71.29
22 66 53 00-0597			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bends <small>(22 66 53 00-0464)</small>		
22 66 53 00-0598	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bend.....	329.54	57.08
22 66 53 00-0599	EA		2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bend.....	438.89	64.13
22 66 53 00-0600			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapters <small>(22 66 53 00-0464)</small>		
22 66 53 00-0601	EA		1-1/2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter.....	157.59	42.75
22 66 53 00-0602	EA		1-1/2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter.....	313.52	46.39
22 66 53 00-0603	EA		2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter.....	215.17	53.44
22 66 53 00-0604			Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter <small>(22 66 53 00-0464)</small>		
22 66 53 00-0605	EA		1-1/2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter.....	309.32	60.81
22 66 53 00-0606	EA		1-1/2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter.....	340.19	64.13
22 66 53 00-0607	EA		1-1/2" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter.....	381.88	67.65
22 66 53 00-0608	EA		1-1/2" x 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter.....	407.87	74.60
22 66 53 00-0609	EA		2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter.....	381.93	67.76
22 66 53 00-0610	EA		2" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter.....	402.80	71.29
22 66 53 00-0611	EA		2" x 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter.....	433.97	78.13
22 66 53 00-0612	EA		3" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter.....	501.66	74.82
22 66 53 00-0613	EA		4" x 4" Mechanical Joint High Silicon Iron Alloy Hub To Mechanical Joint Adapter.....	621.70	89.14
22 66 53 00-0614			Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings <small>(22 66 53 00-0464)</small>		
22 66 53 00-0615	EA		1-1/2" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting.....	124.62	
22 66 53 00-0616	EA		2" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting.....	145.39	
22 66 53 00-0617	EA		3" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting.....	155.77	
22 66 53 00-0618	EA		4" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting.....	171.35	
22 66 53 00-0619			Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Fittings <small>(22 66 53 00-0464)</small>		
22 66 53 00-0620	EA		Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Outlet.....	899.50	28.54
22 66 53 00-0621	EA		Mechanical Joint High Silicon Iron Alloy Acid Resistant Stopper.....	338.12	14.21
22 66 53 00-0622	EA		Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Overflow.....	639.28	14.21
22 66 53 00-0623			Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drains With Stainless Steel Strainer Plates <small>(22 66 53 00-0464)</small>		
22 66 53 00-0624	EA		Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drain With Stainless Steel Strainer.....	3,194.22	142.58
22 66 53 00-0625	EA		Mechanical Joint High Silicon Iron Alloy Acid Resistant Sediment Basin Floor Drain With Stainless Steel Strainer.....	3,963.00	149.74
22 66 53 00-0626	EA		Stainless Steel Funnel Attachment For Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drain.....	2,731.81	14.21
22 66 83			Chemical-Waste Tanks <small>(22 66)</small>		
22 66 83 16			Chemical-Waste Neutralization Tanks <small>(22 66 83)</small>		
22 66 83 16-0001			Acid Neutralization Tank <small>(22 66 83 16)</small>		
22 66 83 16-0002			Polyethylene Acid Neutralization Tank <small>(22 66 83 16-0001)</small>		
22 66 83 16-0003	EA		5 Gallon Capacity Polyethylene Acid Neutralization Tank.....	575.44	217.64
22 66 83 16-0004	EA		15 Gallon Capacity Polyethylene Acid Neutralization Tank.....	1,059.95	301.79
22 66 83 16-0005	EA		30 Gallon Capacity Polyethylene Acid Neutralization Tank.....	1,307.76	435.27
22 66 83 16-0006	EA		55 Gallon Capacity Polyethylene Acid Neutralization Tank.....	1,675.16	580.36
22 66 83 16-0007	EA		100 Gallon Capacity Polyethylene Acid Neutralization Tank.....	2,159.91	696.43
22 66 83 16-0008	EA		150 Gallon Capacity Polyethylene Acid Neutralization Tank.....	2,969.69	870.54
22 66 83 16-0009	EA		200 Gallon Capacity Polyethylene Acid Neutralization Tank.....	3,412.01	1,088.18
22 66 83 16-0010	EA		275 Gallon Capacity Polyethylene Acid Neutralization Tank.....	4,450.96	1,305.81

22 Plumbing**22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 66 83 16-0011 EA 350 Gallon Capacity Polyethylene Acid Neutralization Tank5,036.89 1,566.97

22 66 83 16-0012 Polypropylene Acid Neutralization Tank (22 66 83 16-0001)
 22 66 83 16-0013 EA 5 Gallon Capacity Polypropylene Acid Neutralization Tank974.79 217.64
 22 66 83 16-0014 EA 15 Gallon Capacity Polypropylene Acid Neutralization Tank1,692.25 301.79
 22 66 83 16-0015 EA 30 Gallon Capacity Polypropylene Acid Neutralization Tank2,560.97 435.27
 22 66 83 16-0016 EA 55 Gallon Capacity Polypropylene Acid Neutralization Tank3,374.81 580.36
 22 66 83 16-0017 EA 100 Gallon Capacity Polypropylene Acid Neutralization Tank4,272.91 696.43
 22 66 83 16-0018 EA 150 Gallon Capacity Polypropylene Acid Neutralization Tank5,123.32 870.54
 22 66 83 16-0019 EA 200 Gallon Capacity Polypropylene Acid Neutralization Tank5,556.14 1,088.18
 22 66 83 16-0020 EA 275 Gallon Capacity Polypropylene Acid Neutralization Tank8,194.88 1,305.81
 22 66 83 16-0021 EA 350 Gallon Capacity Polypropylene Acid Neutralization Tank8,830.72 1,566.97
22 66 83 16-0022 Chemical Dilution Trap (22 66 83 16)
 22 66 83 16-0023 EA 1 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap503.68 72.55
 Note: 1-1/2" top inlet and side outlet with anti siphon.
 22 66 83 16-0024 EA 1-1/2 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap520.00 72.55
 Note: 1-1/2" top inlet and side outlet with anti siphon.
 22 66 83 16-0025 EA 2 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap536.32 72.55
 Note: 1-1/2" top inlet and side outlet with anti siphon.
 22 66 83 16-0026 EA 5 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap586.94 87.05
 Note: 1-1/2" top inlet and side outlet with anti siphon.
22 67 Processed Water Systems for Laboratory and Healthcare Facilities (22 60)**22 67 13 Processed Water Piping for Laboratory and Healthcare Facilities** (22 67)**22 67 13 53 Laboratory Water Piping** (22 67 13)**22 67 13 53-0001 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe And Fittings** (22 67 13 53)**22 67 13 53-0002 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe** (22 67 13 53-0001)
 22 67 13 53-0003 LF 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe8.39 3.10
 For Work In Restricted Working Space, Add 1.37
 22 67 13 53-0004 LF 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe10.55 3.85
 For Work In Restricted Working Space, Add 1.72
 22 67 13 53-0005 LF 1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe13.06 4.06
 For Work In Restricted Working Space, Add 1.83
 22 67 13 53-0006 LF 1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe19.51 4.49
 For Work In Restricted Working Space, Add 2.00
 22 67 13 53-0007 LF 2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe25.82 5.35
 For Work In Restricted Working Space, Add 2.40
22 67 13 53-0008 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbows (22 67 13 53-0001)
 22 67 13 53-0009 EA 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow31.63 11.43
 For Work In Restricted Working Space, Add 5.17
 22 67 13 53-0010 EA 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow39.71 15.28
 For Work In Restricted Working Space, Add 6.90
 22 67 13 53-0011 EA 1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow47.94 19.03
 For Work In Restricted Working Space, Add 8.55
 22 67 13 53-0012 EA 1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow76.20 30.35
 For Work In Restricted Working Space, Add 13.64
 22 67 13 53-0013 EA 2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow94.71 38.58
 For Work In Restricted Working Space, Add 17.33
22 67 13 53-0014 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbows (22 67 13 53-0001)
 22 67 13 53-0015 EA 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow31.63 11.54
 For Work In Restricted Working Space, Add 5.17
 22 67 13 53-0016 EA 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow39.71 15.28
 For Work In Restricted Working Space, Add 6.90
 22 67 13 53-0017 EA 1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow47.94 19.03
 For Work In Restricted Working Space, Add 8.55
 22 67 13 53-0018 EA 1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow76.55 30.35
 For Work In Restricted Working Space, Add 13.64
 22 67 13 53-0019 EA 2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow94.71 38.58
 For Work In Restricted Working Space, Add 17.33
22 67 13 53-0020 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tees (22 67 13 53-0001)
 22 67 13 53-0021 EA 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee45.22 19.03
 For Work In Restricted Working Space, Add 8.55
 22 67 13 53-0022 EA 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee53.92 22.98
 For Work In Restricted Working Space, Add 10.34
 22 67 13 53-0023 EA 1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee67.84 30.35
 For Work In Restricted Working Space, Add 13.64

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 67 13 53-0024 EA 1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee..... <i>For Work In Restricted Working Space, Add</i>	109.79 20.69	45.97
22 67 13 53-0025 EA 2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee..... <i>For Work In Restricted Working Space, Add</i>	140.72 25.65	57.08
22 67 13 53-0026 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tees (22 67 13 53-0001)		
22 67 13 53-0027 EA 3/4" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	88.05 9.62	21.38
22 67 13 53-0028 EA 1" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	103.50 11.22	24.90
22 67 13 53-0029 EA 1" x 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	109.44 12.18	27.04
22 67 13 53-0030 EA 1-1/2" x 1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	140.55 17.32	38.48
22 67 13 53-0031 EA 2" x 1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	173.01 23.09	51.30
22 67 13 53-0032 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Inserts (22 67 13 53-0001)		
22 67 13 53-0033 EA 3/4" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert..... <i>For Work In Restricted Working Space, Add</i>	41.50 6.09	13.58
22 67 13 53-0034 EA 1" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert..... <i>For Work In Restricted Working Space, Add</i>	49.17 7.05	15.71
22 67 13 53-0035 EA 1" x 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert..... <i>For Work In Restricted Working Space, Add</i>	55.88 8.02	17.85
22 67 13 53-0036 EA 1-1/2" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert..... <i>For Work In Restricted Working Space, Add</i>	74.06 9.62	21.38
22 67 13 53-0037 EA 1-1/2" x 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert..... <i>For Work In Restricted Working Space, Add</i>	79.22 10.58	23.51
22 67 13 53-0038 EA 1-1/2" x 1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert..... <i>For Work In Restricted Working Space, Add</i>	82.52 11.22	24.90
22 67 13 53-0039 EA 2" x 1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert..... <i>For Work In Restricted Working Space, Add</i>	122.37 15.71	34.96
22 67 13 53-0040 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapters (22 67 13 53-0001)		
22 67 13 53-0041 EA 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter..... <i>For Work In Restricted Working Space, Add</i>	35.71 5.17	11.54
22 67 13 53-0042 EA 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter..... <i>For Work In Restricted Working Space, Add</i>	45.35 6.90	15.28
22 67 13 53-0043 EA 1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter..... <i>For Work In Restricted Working Space, Add</i>	54.16 8.55	19.03
22 67 13 53-0044 EA 1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter..... <i>For Work In Restricted Working Space, Add</i>	80.48 13.64	30.35
22 67 13 53-0045 EA 2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter..... <i>For Work In Restricted Working Space, Add</i>	105.16 17.32	38.48
22 67 13 53-0046 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapters (22 67 13 53-0001)		
22 67 13 53-0047 EA 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter..... <i>For Work In Restricted Working Space, Add</i>	35.71 5.17	11.54
22 67 13 53-0048 EA 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter..... <i>For Work In Restricted Working Space, Add</i>	45.35 6.90	15.28
22 67 13 53-0049 EA 1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter..... <i>For Work In Restricted Working Space, Add</i>	54.16 8.55	19.03
22 67 13 53-0050 EA 1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter..... <i>For Work In Restricted Working Space, Add</i>	80.48 13.64	30.35
22 67 13 53-0051 EA 2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter..... <i>For Work In Restricted Working Space, Add</i>	104.43 17.33	38.58
22 67 13 53-0052 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Couplings (22 67 13 53-0001)		
22 67 13 53-0053 EA 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling..... <i>For Work In Restricted Working Space, Add</i>	26.18 5.17	11.54
22 67 13 53-0054 EA 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling..... <i>For Work In Restricted Working Space, Add</i>	35.24 6.90	15.28
22 67 13 53-0055 EA 1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling..... <i>For Work In Restricted Working Space, Add</i>	44.44 8.55	19.03
22 67 13 53-0056 EA 1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling..... <i>For Work In Restricted Working Space, Add</i>	69.98 13.64	30.35
22 67 13 53-0057 EA 2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling..... <i>For Work In Restricted Working Space, Add</i>	91.99 17.33	38.58
22 67 13 53-0058 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Unions (22 67 13 53-0001)		
22 67 13 53-0059 EA 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union..... <i>For Work In Restricted Working Space, Add</i>	89.74 8.55	19.03
22 67 13 53-0060 EA 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union..... <i>For Work In Restricted Working Space, Add</i>	99.61 10.34	22.98

22 Plumbing**22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities****22 67 Processed Water Systems for Laboratory and Healthcare Facilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 67 13 53-0061	EA		1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union..... <i>For Work In Restricted Working Space, Add</i>	118.20 13.64	30.35
22 67 13 53-0062	EA		1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union..... <i>For Work In Restricted Working Space, Add</i>	200.78 20.69	45.97
22 67 13 53-0063	EA		2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union..... <i>For Work In Restricted Working Space, Add</i>	274.48 25.65	57.08
22 67 13 53-0064			Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Caps (22 67 13 53-0001)		
22 67 13 53-0065	EA		1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap <i>For Work In Restricted Working Space, Add</i>	29.90 5.24	11.69
22 67 13 53-0066	EA		3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap <i>For Work In Restricted Working Space, Add</i>	37.38 6.90	15.28
22 67 13 53-0067	EA		1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap <i>For Work In Restricted Working Space, Add</i>	44.44 8.55	19.03
22 67 13 53-0068	EA		1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap <i>For Work In Restricted Working Space, Add</i>	70.37 13.64	30.35
22 67 13 53-0069	EA		2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap <i>For Work In Restricted Working Space, Add</i>	91.99 17.33	38.58
22 67 13 53-0070			Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flanges (22 67 13 53-0001)		
22 67 13 53-0071	EA		1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flange..... <i>For Work In Restricted Working Space, Add</i>	51.83 8.55	19.24
22 67 13 53-0072	EA		3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flange..... <i>For Work In Restricted Working Space, Add</i>	60.73 10.34	22.77
22 67 13 53-0073	EA		1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flange..... <i>For Work In Restricted Working Space, Add</i>	76.12 13.64	30.67
22 67 13 53-0074	EA		1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flange..... <i>For Work In Restricted Working Space, Add</i>	115.23 20.69	46.39
22 67 13 53-0075	EA		2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flange..... <i>For Work In Restricted Working Space, Add</i>	139.16 25.65	57.08
22 67 13 53-0076			Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe And Fittings (22 67 13 53)		
22 67 13 53-0077			Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe (22 67 13 53-0076)		
22 67 13 53-0078	LF		1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe <i>For Work In Restricted Working Space, Add</i>	12.47 1.37	3.10
22 67 13 53-0079	LF		3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe <i>For Work In Restricted Working Space, Add</i>	15.91 1.72	3.85
22 67 13 53-0080	LF		1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe <i>For Work In Restricted Working Space, Add</i>	20.41 1.83	4.06
22 67 13 53-0081	LF		1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe <i>For Work In Restricted Working Space, Add</i>	25.61 2.00	4.49
22 67 13 53-0082	LF		2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe <i>For Work In Restricted Working Space, Add</i>	34.86 2.40	5.35
22 67 13 53-0083			Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbows (22 67 13 53-0076)		
22 67 13 53-0084	EA		1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	43.54 5.17	11.43
22 67 13 53-0085	EA		3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	56.02 6.90	15.28
22 67 13 53-0086	EA		1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	69.78 8.55	19.03
22 67 13 53-0087	EA		1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	101.44 13.64	30.35
22 67 13 53-0088	EA		2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	133.61 17.33	38.58
22 67 13 53-0089			Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbows (22 67 13 53-0076)		
22 67 13 53-0090	EA		1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	43.23 5.17	11.54
22 67 13 53-0091	EA		3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	56.17 6.90	15.28
22 67 13 53-0092	EA		1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	69.94 8.55	19.03
22 67 13 53-0093	EA		1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	103.58 13.64	30.35
22 67 13 53-0094	EA		2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	133.61 17.33	38.58
22 67 13 53-0095			Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tees (22 67 13 53-0076)		
22 67 13 53-0096	EA		1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee <i>For Work In Restricted Working Space, Add</i>	59.84 8.55	19.03
22 67 13 53-0097	EA		3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee <i>For Work In Restricted Working Space, Add</i>	71.48 10.34	22.98

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 67 13 53-0098 EA 1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee <i>For Work In Restricted Working Space, Add</i>	89.06 13.64	30.35
22 67 13 53-0099 EA 1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee <i>For Work In Restricted Working Space, Add</i>	134.40 20.69	45.97
22 67 13 53-0100 EA 2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee <i>For Work In Restricted Working Space, Add</i>	172.35 25.65	57.08
22 67 13 53-0101 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tees <small>(22 67 13 53-0076)</small>		
22 67 13 53-0102 EA 3/4" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee <i>For Work In Restricted Working Space, Add</i>	70.59 9.62	21.38
22 67 13 53-0103 EA 1" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee <i>For Work In Restricted Working Space, Add</i>	86.94 11.22	24.90
22 67 13 53-0104 EA 1" x 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee <i>For Work In Restricted Working Space, Add</i>	90.15 12.18	27.04
22 67 13 53-0105 EA 1-1/2" x 1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee <i>For Work In Restricted Working Space, Add</i>	128.97 17.32	38.48
22 67 13 53-0106 EA 2" x 1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee <i>For Work In Restricted Working Space, Add</i>	166.41 23.09	51.30
22 67 13 53-0107 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Inserts <small>(22 67 13 53-0076)</small>		
22 67 13 53-0108 EA 3/4" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert <i>For Work In Restricted Working Space, Add</i>	50.13 6.09	13.58
22 67 13 53-0109 EA 1" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert <i>For Work In Restricted Working Space, Add</i>	56.84 7.05	15.71
22 67 13 53-0110 EA 1" x 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert <i>For Work In Restricted Working Space, Add</i>	60.05 8.02	17.85
22 67 13 53-0111 EA 1-1/2" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert <i>For Work In Restricted Working Space, Add</i>	78.24 9.62	21.38
22 67 13 53-0112 EA 1-1/2" x 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert <i>For Work In Restricted Working Space, Add</i>	81.46 10.58	23.51
22 67 13 53-0113 EA 1-1/2" x 1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert <i>For Work In Restricted Working Space, Add</i>	83.59 11.22	24.90
22 67 13 53-0114 EA 2" x 1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert <i>For Work In Restricted Working Space, Add</i>	116.60 15.71	34.96
22 67 13 53-0115 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapters <small>(22 67 13 53-0076)</small>		
22 67 13 53-0116 EA 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter <i>For Work In Restricted Working Space, Add</i>	43.54 5.17	11.54
22 67 13 53-0117 EA 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter <i>For Work In Restricted Working Space, Add</i>	55.10 6.90	15.28
22 67 13 53-0118 EA 1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter <i>For Work In Restricted Working Space, Add</i>	65.04 8.55	19.03
22 67 13 53-0119 EA 1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter <i>For Work In Restricted Working Space, Add</i>	89.82 13.64	30.35
22 67 13 53-0120 EA 2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter <i>For Work In Restricted Working Space, Add</i>	126.83 17.32	38.48
22 67 13 53-0121 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapters <small>(22 67 13 53-0076)</small>		
22 67 13 53-0122 EA 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter <i>For Work In Restricted Working Space, Add</i>	43.54 5.17	11.54
22 67 13 53-0123 EA 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter <i>For Work In Restricted Working Space, Add</i>	55.10 6.90	15.28
22 67 13 53-0124 EA 1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter <i>For Work In Restricted Working Space, Add</i>	65.04 8.55	19.03
22 67 13 53-0125 EA 1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter <i>For Work In Restricted Working Space, Add</i>	89.82 13.64	30.35
22 67 13 53-0126 EA 2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter <i>For Work In Restricted Working Space, Add</i>	126.83 17.33	38.58
22 67 13 53-0127 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Couplings <small>(22 67 13 53-0076)</small>		
22 67 13 53-0128 EA 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling <i>For Work In Restricted Working Space, Add</i>	40.94 5.17	11.54
22 67 13 53-0129 EA 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling <i>For Work In Restricted Working Space, Add</i>	52.04 6.90	15.28
22 67 13 53-0130 EA 1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling <i>For Work In Restricted Working Space, Add</i>	61.68 8.55	19.03
22 67 13 53-0131 EA 1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling <i>For Work In Restricted Working Space, Add</i>	89.21 13.64	30.35
22 67 13 53-0132 EA 2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling <i>For Work In Restricted Working Space, Add</i>	114.95 17.33	38.58
22 67 13 53-0133 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Unions <small>(22 67 13 53-0076)</small>		
22 67 13 53-0134 EA 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union <i>For Work In Restricted Working Space, Add</i>	134.00 8.55	

22 Plumbing**22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities****22 67 Processed Water Systems for Laboratory and Healthcare Facilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 67 13 53-0135	EA	3/4"	Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union	155.27	22.98
			<i>For Work In Restricted Working Space, Add</i>	10.34	
22 67 13 53-0136	EA	1"	Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union	188.29	30.35
			<i>For Work In Restricted Working Space, Add</i>	13.64	
22 67 13 53-0137	EA	1-1/2"	Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union	309.01	45.97
			<i>For Work In Restricted Working Space, Add</i>	20.69	
22 67 13 53-0138	EA	2"	Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union	402.00	57.08
			<i>For Work In Restricted Working Space, Add</i>	25.65	
22 67 13 53-0139			Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Caps ⁽²²		
			^{67 13 53-0076)}		
22 67 13 53-0140	EA	1/2"	Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap	41.16	11.69
			<i>For Work In Restricted Working Space, Add</i>	5.24	
22 67 13 53-0141	EA	3/4"	Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap	52.04	15.28
			<i>For Work In Restricted Working Space, Add</i>	6.90	
22 67 13 53-0142	EA	1"	Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap	61.53	19.03
			<i>For Work In Restricted Working Space, Add</i>	8.55	
22 67 13 53-0143	EA	1-1/2"	Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap	89.51	30.35
			<i>For Work In Restricted Working Space, Add</i>	13.64	
22 67 13 53-0144	EA	2"	Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap	114.95	38.58
			<i>For Work In Restricted Working Space, Add</i>	17.33	
22 67 13 53-0145			Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB		
			Flanges ^(22 67 13 53-0076)		
22 67 13 53-0146	EA	1/2"	Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flange	79.26	19.24
			<i>For Work In Restricted Working Space, Add</i>	8.55	
22 67 13 53-0147	EA	3/4"	Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flange	91.36	22.77
			<i>For Work In Restricted Working Space, Add</i>	10.34	
22 67 13 53-0148	EA	1"	Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flange	110.61	30.67
			<i>For Work In Restricted Working Space, Add</i>	13.64	
22 67 13 53-0149	EA	1-1/2"	Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flange	159.48	46.39
			<i>For Work In Restricted Working Space, Add</i>	20.69	
22 67 13 53-0150	EA	2"	Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flange	198.65	57.08
			<i>For Work In Restricted Working Space, Add</i>	25.65	

END OF SECTION 22

23 Heating, Ventilating, and Air-Conditioning (HVAC)

Note: Where required, mechanical equipment excludes electrical connection unless title states otherwise. HVAC equipment shall conform to California Title 24.

23 01 Operation and Maintenance of HVAC Systems ⁽²³⁾

23 01 10 Operation and Maintenance of Facility Fuel Systems ^(23 01)

23 01 10 91 Facility Fuel Systems Restoration ^(23 01 10)

23 01 10 91-0001	Professional Certification For Hospital ^(23 01 10 91)	
23 01 10 91-0002	HR Hospital/Lab Certification - Oxygen, Air, Water Lines, Medical Gases, Nitrogen And Vacuum	187.16

23 01 10 91-0003 Purge Gas Systems ^(23 01 10 91)

Note: Includes collection and refilling/bleeding of system. For natural gas, flammable gases and other gases that should not be released inside the building. See CSI section 23 01 60 71-0001 for refrigerant.

23 01 10 91-0004	EA Up To 100', Up To 1-1/2" Diameter Pipe, Purge Gas Systems.....	536.24
23 01 10 91-0005	EA >100' To 250', Up To 1-1/2" Diameter Pipe, Purge Gas Systems.....	766.02
23 01 10 91-0006	EA >250' To 500', Up To 1-1/2" Diameter Pipe, Purge Gas Systems.....	804.64
23 01 10 91-0007	EA >500' To 1,000', Up To 1-1/2" Diameter Pipe, Purge Gas Systems.....	887.80
23 01 10 91-0008	EA >1,000' To 2,000', Up To 1-1/2" Diameter Pipe, Purge Gas Systems.....	1,608.06
23 01 10 91-0009	EA Up To 100', >1-1/2" To 4" Diameter Pipe, Purge Gas Systems.....	721.28
23 01 10 91-0010	EA >100' To 250', >1-1/2" To 4" Diameter Pipe, Purge Gas Systems.....	1,036.96
23 01 10 91-0011	EA >250' To 500', >1-1/2" To 4" Diameter Pipe, Purge Gas Systems.....	1,099.02
23 01 10 91-0012	EA >500' To 1,000', >1-1/2" To 4" Diameter Pipe, Purge Gas Systems.....	1,231.78
23 01 10 91-0013	EA >1,000' To 2,000', >1-1/2" To 4" Diameter Pipe, Purge Gas Systems.....	2,240.19
23 01 10 91-0014	EA Up To 100', >4" To 10" Diameter Pipe, Purge Gas Systems.....	857.24
23 01 10 91-0015	EA >100' To 250', >4" To 10" Diameter Pipe, Purge Gas Systems.....	1,265.05
23 01 10 91-0016	EA >250' To 500', >4" To 10" Diameter Pipe, Purge Gas Systems.....	2,912.81
23 01 10 91-0017	EA >500' To 1,000', >4" To 10" Diameter Pipe, Purge Gas Systems.....	4,556.79
23 01 10 91-0018	EA >1,000' To 2,000', >4" To 10" Diameter Pipe, Purge Gas Systems.....	8,567.41

23 01 20 Operation and Maintenance of HVAC Piping and Pumps ^(23 01)

23 01 20 91 HVAC Piping and Pumps Restoration ^(23 01 20)

23 01 20 91-0001	Lock Out/Tag Out System ^(23 01 20 91)	
23 01 20 91-0002	EA Up To 1", Lock Out/Tag Out Valve.....	29.02
	Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	
23 01 20 91-0003	EA >1" To 3", Lock Out/Tag Out Valve.....	34.83
	Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	
23 01 20 91-0004	EA >3" To 6", Lock Out/Tag Out Valve.....	40.63
	Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	
23 01 20 91-0005	EA >6" To 10", Lock Out/Tag Out Valve.....	46.43
	Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	
23 01 20 91-0006	EA >10" To 14", Lock Out/Tag Out Valve.....	58.04
	Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	
23 01 20 91-0007	EA Lock Out Padlock.....	11.61
23 01 20 91-0008	EA Lock Out Tags.....	4.70

23 01 20 91-0009 Freeze Pipe Using CO2 Kit ^(23 01 20 91)

Note: For use on chilled water or cold water piping systems. Excludes cutting existing pipe, and installation of valve or fittings.

23 01 20 91-0010	EA Up To 2" Freeze Pipe Using CO2 Kit.....	355.94
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23 01 20 91-0011 Pipe Freezing ^(23 01 20 91)

Note: For use on any water piping systems. Excludes excavation, cutting existing pipe, and installation of valve or fittings.

23 01 20 91-0012	EA Up To 1" Pipe Freezing, First Location.....	769.39
	Note: Includes freezing on each side of valve or fitting.	
23 01 20 91-0013	EA Up To 1" Pipe Freezing, Each Additional Location After First.....	358.95
	Note: Includes freezing on each side of valve or fitting.	
23 01 20 91-0014	EA >1" To 1-1/2" Pipe Freezing, First Location.....	934.78
	Note: Includes freezing on each side of valve or fitting.	
23 01 20 91-0015	EA >1" To 1-1/2" Pipe Freezing, Each Additional Location After First.....	412.70
	Note: Includes freezing on each side of valve or fitting.	
23 01 20 91-0016	EA >1-1/2" To 2" Pipe Freezing, First Location.....	1,312.99
	Note: Includes freezing on each side of valve or fitting.	
23 01 20 91-0017	EA >1-1/2" To 2" Pipe Freezing, Each Additional Location After First.....	466.60
	Note: Includes freezing on each side of valve or fitting.	
23 01 20 91-0018	EA >2" To 3" Pipe Freezing, First Location.....	1,499.65
	Note: Includes freezing on each side of valve or fitting.	
23 01 20 91-0019	EA >2" To 3" Pipe Freezing, Each Additional Location After First.....	556.50
	Note: Includes freezing on each side of valve or fitting.	
23 01 20 91-0020	EA >3" To 4" Pipe Freezing, First Location.....	2,239.60
	Note: Includes freezing on each side of valve or fitting.	
23 01 20 91-0021	EA >3" To 4" Pipe Freezing, Each Additional Location After First.....	640.39
	Note: Includes freezing on each side of valve or fitting.	
23 01 20 91-0022	EA >4" To 6" Pipe Freezing, First Location.....	4,771.20
	Note: Includes freezing on each side of valve or fitting.	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 01 Operation and Maintenance of HVAC Systems****23 01 20 Operation and Maintenance of HVAC Piping and Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 01 20 91-0023	EA	>4" To 6" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	873.15
23 01 20 91-0024	EA	>6" To 8" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	6,346.89
23 01 20 91-0025	EA	>6" To 8" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	1,312.16
23 01 20 91-0026	EA	>8" To 10" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	8,790.14
23 01 20 91-0027	EA	>8" To 10" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	1,820.21
23 01 20 91-0028	EA	>10" To 12" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	11,344.70
23 01 20 91-0029	EA	>10" To 12" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	2,397.03

23 01 20 91-0030 Water/Chlorine Pipe Disinfection/Flush/Testing (23 01 20 91)

Note: For existing piping when required. Water/chlorine solution per specification entitled "Water Distribution".

23 01 20 91-0031	LF	Up To 1", Water/Chlorine Pipe Disinfection/Flush/Testing	1.95
		For >250 To 500, Deduct	-0.14
		For >500 To 2000, Deduct	-0.36
		For >2000, Deduct	-0.52
23 01 20 91-0032	LF	>1" To 2", Water/Chlorine Pipe Disinfection/Flush/Testing	2.70
		For >250 To 500, Deduct	-0.19
		For >500 To 2000, Deduct	-0.48
		For >2000, Deduct	-0.70
23 01 20 91-0033	LF	>2" To 3", Water/Chlorine Pipe Disinfection/Flush/Testing	4.18
		For >250 To 500, Deduct	-0.29
		For >500 To 2000, Deduct	-0.72
		For >2000, Deduct	-1.05
23 01 20 91-0034	LF	4", Water/Chlorine Pipe Disinfection/Flush/Testing	5.81
		For >250 To 500, Deduct	-0.39
		For >500 To 2000, Deduct	-0.97
		For >2000, Deduct	-1.40
23 01 20 91-0035	LF	6", Water/Chlorine Pipe Disinfection/Flush/Testing	7.20
		For >250 To 500, Deduct	-0.46
		For >500 To 2000, Deduct	-1.16
		For >2000, Deduct	-1.68
23 01 20 91-0036	LF	8", Water/Chlorine Pipe Disinfection/Flush/Testing	9.14
		For >250 To 500, Deduct	-0.58
		For >500 To 2000, Deduct	-1.45
		For >2000, Deduct	-2.10
23 01 20 91-0037	LF	10", Water/Chlorine Pipe Disinfection/Flush/Testing	12.00
		For >250 To 500, Deduct	-0.77
		For >500 To 2000, Deduct	-1.94
		For >2000, Deduct	-2.81
23 01 20 91-0038	LF	12", Water/Chlorine Pipe Disinfection/Flush/Testing	14.41
		For >250 To 500, Deduct	-0.93
		For >500 To 2000, Deduct	-2.32
		For >2000, Deduct	-3.37

23 01 20 91-0039 Shut Down Existing Piping System (23 01 20 91)

23 01 20 91-0040	EA	Shut Down Existing Interior Piping System Note: Includes lock out/tag out and average line tracing. Use when valves are greater than 25' from work. When the shut-off valves for multiple lines are located with a 10' radius, the quantity used shall be one.	242.65
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23 01 20 91-0041 Purge Liquid Systems (23 01 20 91)

Note: Includes collection of liquid, refilling with liquid and bleeding of air from system.

23 01 20 91-0042	EA	Up To 50', Up To 3/4" Diameter Pipe, Purge Liquid System	183.47
23 01 20 91-0043	EA	>50' To 100', Up To 3/4" Diameter Pipe, Purge Liquid System	229.34
23 01 20 91-0044	EA	>100 To 250', Up To 3/4" Diameter Pipe, Purge Liquid System	327.33
23 01 20 91-0045	EA	>250 To 500', Up To 3/4" Diameter Pipe, Purge Liquid System	392.25
23 01 20 91-0046	EA	>500 To 1,000', Up To 3/4" Diameter Pipe, Purge Liquid System	490.31
23 01 20 91-0047	EA	>1,000 To 2,000', Up To 3/4" Diameter Pipe, Purge Liquid System	637.41
23 01 20 91-0048	LF	>2,000', Up To 3/4" Diameter Pipe, Purge Liquid System	0.32
23 01 20 91-0049	EA	Up To 100', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	382.07
23 01 20 91-0050	EA	>100 To 250', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	545.67
23 01 20 91-0051	EA	>250 To 500', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	653.82
23 01 20 91-0052	EA	>500 To 1,000', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	817.28
23 01 20 91-0053	EA	>1,000 To 2,000', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	1,062.46
23 01 20 91-0054	LF	>2,000', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	0.53
23 01 20 91-0055	EA	Up To 100', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	534.90
23 01 20 91-0056	EA	>100 To 250', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	763.95
23 01 20 91-0057	EA	>250 To 500', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	915.35
23 01 20 91-0058	EA	>500 To 1,000', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	1,144.18
23 01 20 91-0059	EA	>1,000 To 2,000', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	1,487.44
23 01 20 91-0060	LF	>2,000', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	0.75
23 01 20 91-0061	EA	Up To 100', >3" To 6" Diameter Pipe, Purge Liquid System	735.48
23 01 20 91-0062	EA	>100 To 250', >3" To 6" Diameter Pipe, Purge Liquid System	1,050.42
23 01 20 91-0063	EA	>250 To 500', >3" To 6" Diameter Pipe, Purge Liquid System	1,115.16
23 01 20 91-0064	EA	>500 To 1,000', >3" To 6" Diameter Pipe, Purge Liquid System	1,393.95
23 01 20 91-0065	EA	>1,000 To 2,000', >3" To 6" Diameter Pipe, Purge Liquid System	1,812.14
23 01 20 91-0066	LF	>2,000', >3" To 6" Diameter Pipe, Purge Liquid System	0.91
23 01 20 91-0067	EA	Up To 100', >6" To 10" Diameter Pipe, Purge Liquid System	992.91
23 01 20 91-0068	EA	>100 To 250', >6" To 10" Diameter Pipe, Purge Liquid System	1,418.06
23 01 20 91-0069	EA	>250 To 500', >6" To 10" Diameter Pipe, Purge Liquid System	1,505.47

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 01 20 91-0070	EA		>500 To 1,000', >6" To 10" Diameter Pipe, Purge Liquid System	1,881.82	
23 01 20 91-0071	EA		>1,000 To 2,000', >6" To 10" Diameter Pipe, Purge Liquid System	2,446.38	
23 01 20 91-0072	LF		>2,000', >6" To 10" Diameter Pipe, Purge Liquid System.....	1.22	

23 01 20 91-0073 Special Cleaning Of Piping Systems (23 01 20 91)
23 01 20 91-0074 Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing (23 01 20 91-0073)

23 01 20 91-0075	LF		Up To 1", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	2.51	
			For >250 To 500, Deduct	-0.17	
			For >500 To 2000, Deduct	-0.41	
			For >2000, Deduct	-0.60	
23 01 20 91-0076	LF		>1" To 2", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	4.20	
			For >250 To 500, Deduct	-0.27	
			For >500 To 2000, Deduct	-0.67	
			For >2000, Deduct	-0.97	
23 01 20 91-0077	LF		>2" To 3", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	5.91	
			For >250 To 500, Deduct	-0.37	
			For >500 To 2000, Deduct	-0.92	
			For >2000, Deduct	-1.33	
23 01 20 91-0078	LF		>3" To 4", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	7.66	
			For >250 To 500, Deduct	-0.47	
			For >500 To 2000, Deduct	-1.18	
			For >2000, Deduct	-1.72	
23 01 20 91-0079	LF		>4" To 6", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	10.62	
			For >250 To 500, Deduct	-0.66	
			For >500 To 2000, Deduct	-1.66	
			For >2000, Deduct	-2.40	

23 01 20 91-0080 Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing (23 01 20 91-0073)

23 01 20 91-0081	LF		Up To 1", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing.....	2.74	
			For >250 To 500, Deduct	-0.17	
			For >500 To 2000, Deduct	-0.41	
			For >2000, Deduct	-0.60	
23 01 20 91-0082	LF		>1" To 2", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	4.49	
			For >250 To 500, Deduct	-0.27	
			For >500 To 2000, Deduct	-0.67	
			For >2000, Deduct	-0.97	
23 01 20 91-0083	LF		>2" To 3", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	6.32	
			For >250 To 500, Deduct	-0.37	
			For >500 To 2000, Deduct	-0.92	
			For >2000, Deduct	-1.33	
23 01 20 91-0084	LF		>3" To 4", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	8.27	
			For >250 To 500, Deduct	-0.47	
			For >500 To 2000, Deduct	-1.18	
			For >2000, Deduct	-1.72	
23 01 20 91-0085	LF		>4" To 6", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	11.43	
			For >250 To 500, Deduct	-0.66	
			For >500 To 2000, Deduct	-1.66	
			For >2000, Deduct	-2.40	

23 01 20 91-0086 Drewspere 4945/4395 Pipe Disinfection/Flush/Testing (23 01 20 91-0073)

23 01 20 91-0087	LF		Up To 1", Drewspere 4945/4395 Pipe Disinfection/Flush/Testing.....	2.81	
			For >250 To 500, Deduct	-0.17	
			For >500 To 2000, Deduct	-0.41	
			For >2000, Deduct	-0.60	
23 01 20 91-0088	LF		>1" To 2", Drewspere 4945/4395 Pipe Disinfection/Flush/Testing	4.61	
			For >250 To 500, Deduct	-0.27	
			For >500 To 2000, Deduct	-0.67	
			For >2000, Deduct	-0.97	
23 01 20 91-0089	LF		>2" To 3", Drewspere 4945/4395 Pipe Disinfection/Flush/Testing	6.49	
			For >250 To 500, Deduct	-0.37	
			For >500 To 2000, Deduct	-0.92	
			For >2000, Deduct	-1.33	
23 01 20 91-0090	LF		>3" To 4", Drewspere 4945/4395 Pipe Disinfection/Flush/Testing	8.51	
			For >250 To 500, Deduct	-0.47	
			For >500 To 2000, Deduct	-1.18	
			For >2000, Deduct	-1.72	
23 01 20 91-0091	LF		>4" To 6", Drewspere 4945/4395 Pipe Disinfection/Flush/Testing	11.74	
			For >250 To 500, Deduct	-0.66	
			For >500 To 2000, Deduct	-1.66	
			For >2000, Deduct	-2.40	

23 01 20 91-0092 Add-A-Valve Emergency Shut Off Device (23 01 20 91)

23 01 20 91-0093	EA		1/2" Add-A-Valve Emergency Shut Off Device (Jomar 800-103ADD)	377.96	
23 01 20 91-0094	EA		3/4" Add-A-Valve Emergency Shut Off Device (Jomar 800-104ADD)	476.10	
23 01 20 91-0095	EA		1" Add-A-Valve Emergency Shut Off Device (Jomar 800-105ADD)	660.66	
23 01 20 91-0096	EA		1-1/4" Add-A-Valve Emergency Shut Off Device (Jomar 800-106ADD)	1,012.72	
23 01 20 91-0097	EA		1-1/2" Add-A-Valve Emergency Shut Off Device (Jomar 800-107ADD)	1,251.00	
23 01 20 91-0098	EA		2" Add-A-Valve Emergency Shut Off Device (Jomar 800-108ADD)	1,891.78	

23 01 30 Operation and Maintenance of HVAC Air Distribution (23 01)
23 01 30 51 HVAC Air-Distribution System Cleaning (23 01 30)

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 01 Operation and Maintenance of HVAC Systems****23 01 30 Operation and Maintenance of HVAC Air Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 01 30 51-0001	Cleaning Of Ductwork And HVAC Equipment <small>(23 01 30 51)</small>	
23 01 30 51-0002	LF Up To 2 SF Cross Section, Clean Supply/Return Ductwork	3.69
	Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	
	<i>For Exhaust Ductwork, Add</i>	0.92
23 01 30 51-0003	LF >2 SF To 4 SF Cross Section, Clean Supply/Return Ductwork	4.63
	Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	
	<i>For Exhaust Ductwork, Add</i>	1.16
23 01 30 51-0004	LF >4 SF To 8 SF Cross Section, Clean Supply/Return Ductwork	6.21
	Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	
	<i>For Exhaust Ductwork, Add</i>	1.55
23 01 30 51-0005	LF >8 SF Cross Section, Clean Supply/Return Ductwork	8.80
	Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	
	<i>For Exhaust Ductwork, Add</i>	2.20
23 01 30 51-0006	SF Clean Duct Dampers	12.41
23 01 30 51-0007	SF Clean Duct Fire Dampers	24.82
23 01 30 51-0008	SF Clean Louver	9.93
23 01 30 51-0009	EA Clean Turning Vane Set	29.79
23 01 30 51-0010	EA Clean Grille/Diffuser/Register	29.79
	Note: Includes removal and reinstallation.	
23 01 30 51-0011	LF Clean Linear Diffuser	7.45
	Note: Includes removal and reinstallation.	
23 01 30 51-0012	EA Cut Access For Cleaning Duct And Install Duct Insulated Access Doors	113.35
	<i>For Stainless Steel, Add</i>	92.92
23 01 30 51-0013	EA Clean Variable Air Volume (VAV) Unit	89.35
23 01 30 51-0014	EA Clean Fan Powered Induction Unit (PIU) Unit	119.14
23 01 30 51-0015	EA Clean Fan Coil Unit (FCU)	119.14
23 01 30 51-0016	EA Clean Packaged Terminal Air Conditioning Unit	119.14
23 01 30 51-0017	EA Clean Supply Or Return Fan	238.28
23 01 30 51-0018	EA Clean Exhaust Fan	208.50
23 01 30 51-0019	EA Clean Duct Coil	178.71
23 01 30 51-0020	SF Clean Air Handling Unit Interior Housing With High Efficiency Particulate Air (HEPA) Vacuum	5.96
	Note: Excluding fan and coils.	
23 01 30 51-0021	EA Clean Air Handling Unit Fan	238.28
23 01 30 51-0022	EA Clean Air Handling Unit Coil	357.43
23 01 30 51-0023	SF Clean Equipment Surfaces, Rust Reform And Prime	3.27
23 01 30 51-0024	SF Clean Interior Equipment Surfaces, Rust Reform And Prime	3.86
23 01 30 51-0025	SF High Efficiency Particulate Air (HEPA) Vacuuming Of Walls, Ceilings And Floors In Mechanical Rooms	0.64
23 01 30 51-0026	EA Cleaning Of Ductwork Minimum Set-up Charge	836.13
	Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	
23 01 30 51-0027	SF Apply Antimicrobial Agent To Ductwork And Surfaces After Cleaning	0.53

23 01 30 61 HVAC Air-Distribution Duct Repair (23 01 30)

23 01 30 61-0001	Repair And Seal Ductwork <small>(23 01 30 61)</small>	
	Note: Includes removal of existing insulation, repair/seal ductwork with Duct Sealer and reinstallation of insulation. Excludes new ductwork.	
23 01 30 61-0002	SF Repair And Sealing Of Ductwork	2.22
	Note: Clean, apply sealant and tape	

23 01 30 61-0003	Rework Sheet Metal Ductwork <small>(23 01 30 61)</small>	
	Note: Includes removal of existing ductwork and reinstallation of ductwork. Excludes new ductwork.	
23 01 30 61-0004	LF Up To 1 SF Cross Section, Rework Existing Ductwork	30.59
23 01 30 61-0005	LF >1 To 2 SF Cross Section, Rework Existing Ductwork	59.65
23 01 30 61-0006	LF >2 To 4 SF Cross Section, Rework Existing Ductwork	78.82
23 01 30 61-0007	LF >4 To 6 SF Cross Section, Rework Existing Ductwork	98.71
23 01 30 61-0008	LF >6 To 8 SF Cross Section, Rework Existing Ductwork	137.67
23 01 30 61-0009	LF >8 To 10 SF Cross Section, Rework Existing Ductwork	160.61
23 01 30 61-0010	LF >10 To 12 SF Cross Section, Rework Existing Ductwork	183.55
23 01 30 61-0011	LF >12 To 14 SF Cross Section, Rework Existing Ductwork	206.50

23 01 50 Operation and Maintenance of Central Heating Equipment (23 01)**23 01 50 61 Central Heating Equipment Repair** (23 01 50)

23 01 50 61-0001	Boiler Repairs <small>(23 01 50 61)</small>	
23 01 50 61-0002	Setup And Maintenance <small>(23 01 50 61-0001)</small>	
23 01 50 61-0003	EA Set-up Charge For Boiler Fire Side Maintenance	2,476.60
	Note: Includes removing/relocating doors, plates, portals, and burners required to access fireside.	
23 01 50 61-0004	EA Close-up Charge For Boiler Fire Side Maintenance	2,704.65
	Note: Includes replacement of doors, plates, portals, burners, adhesive, rope, wool, and seals.	
	<i>For Burner Seals, Add</i>	647.66
	<i>Note: Used when burner must be removed from door for maintenance.</i>	
23 01 50 61-0005	EA Setup Charge For Boiler Water Side Maintenance	3,302.14
	Note: Includes closing valves, draining, and positioning equipment needed for tube replacement.	
23 01 50 61-0006	EA Up To 100 HP, Hydrostatic Test - Boiler Maintenance	1,651.06
	Note: Includes close-up charge for water side maintenance, blanking off supply, return, and relief valves for test and reconnection after test.	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 01 50 61-0007	EA		>100 HP, Hydrostatic Test - Boiler Maintenance Note: Includes close-up charge for water side maintenance, blanking off supply, return, and relief valves for test and reconnection after test.	3,302.14	
23 01 50 61-0008	EA		Removal And Replacement Of Handhole	103.19	
23 01 50 61-0009	EA		Removal And Replacement Of Manhole.....	309.57	
23 01 50 61-0010	SF		Sheet Metal Jacket Patch	11.68	

23 01 50 61-0011 Boiler Tube Replacement (23 01 50 61-0001)

23 01 50 61-0012	EA		Removal Of Up To 2" Boiler Tube	247.66	
23 01 50 61-0013	EA		Removal Of >2" To 3" Boiler Tube.....	309.58	
23 01 50 61-0014	EA		Removal Of >3" To 4" Boiler Tube.....	433.39	
23 01 50 61-0015	LF		Place 1-1/2" Boiler Tube Into Position For Termination..... Note: Includes black steel tube, fasteners and accessories.	16.22	
23 01 50 61-0016	LF		Place 2" Boiler Tube Into Position For Termination..... Note: Includes black steel tube, fasteners and accessories.	19.12	
23 01 50 61-0017	LF		Place 2-1/2" Boiler Tube Into Position For Termination..... Note: Includes black steel tube, fasteners and accessories.	22.04	
23 01 50 61-0018	LF		Place 3" Boiler Tube Into Position For Termination..... Note: Includes black steel tube, fasteners and accessories.	33.13	
23 01 50 61-0019	LF		Place 3-1/2" Boiler Tube Into Position For Termination..... Note: Includes black steel tube, fasteners and accessories.	39.25	
23 01 50 61-0020	LF		Place 4" Boiler Tube Into Position For Termination..... Note: Includes black steel tube, fasteners and accessories.	51.28	
23 01 50 61-0021	EA		1-1/2" Rolled Boiler Tube Termination (2 Per New Tube).....	30.96	
23 01 50 61-0022	EA		2" Rolled Boiler Tube Termination (2 Per New Tube).....	46.44	
23 01 50 61-0023	EA		2-1/2" Rolled Boiler Tube Termination (2 Per New Tube).....	61.91	
23 01 50 61-0024	EA		3" Rolled Boiler Tube Termination (2 Per New Tube).....	77.40	
23 01 50 61-0025	EA		3-1/2" Rolled Boiler Tube Termination (2 Per New Tube).....	92.87	
23 01 50 61-0026	EA		4" Rolled Boiler Tube Termination (2 Per New Tube).....	108.35	
23 01 50 61-0027	EA		1-1/2" Welded Boiler Tube Termination (2 Per New Tube).....	92.87	
23 01 50 61-0028	EA		2" Welded Boiler Tube Termination (2 Per New Tube).....	123.83	
23 01 50 61-0029	EA		2-1/2" Welded Boiler Tube Termination (2 Per New Tube).....	154.79	
23 01 50 61-0030	EA		3" Welded Boiler Tube Termination (2 Per New Tube).....	185.75	
23 01 50 61-0031	EA		3-1/2" Welded Boiler Tube Termination (2 Per New Tube).....	216.70	
23 01 50 61-0032	EA		4" Welded Boiler Tube Termination (2 Per New Tube).....	247.66	
23 01 50 61-0033	EA		Plug Boiler Tube Hole Where Boiler Tube Is Not Replaced.....	377.93	

23 01 50 61-0034 Cast Iron Boiler Section Replacement (23 01 50 61-0001)

23 01 50 61-0035	EA		Removal And Replacement Of Front Section Of Weil McLain Model 80 Cast Iron Boiler.....	2,757.94	
23 01 50 61-0036	EA		Removal And Replacement Of Rear Section Of Weil McLain Model 80 Cast Iron Boiler.....	1,902.49	
23 01 50 61-0037	EA		Removal And Replacement Of Inside Section Of Weil McLain Model 80 Cast Iron Boiler.....	2,381.00	
23 01 50 61-0038	EA		Removal And Replacement Of Front Section Of Weil McLain Model 88 Cast Iron Boiler.....	5,085.24	
23 01 50 61-0039	EA		Removal And Replacement Of Rear Section Of Weil McLain Model 88 Cast Iron Boiler.....	3,758.69	
23 01 50 61-0040	EA		Removal And Replacement Of Inside Section Of Weil McLain Model 88 Cast Iron Boiler.....	4,364.27	
23 01 50 61-0041	EA		Removal And Replacement Of Front Section Of Weil McLain Model 94 Cast Iron Boiler.....	8,258.56	
23 01 50 61-0042	EA		Removal And Replacement Of Rear Section Of Weil McLain Model 94 Cast Iron Boiler.....	6,439.80	
23 01 50 61-0043	EA		Removal And Replacement Of Inside Section Of Weil McLain Model 94 Cast Iron Boiler.....	6,888.72	

23 01 50 61-0044 Cast Iron Grate Replacement (23 01 50 61-0001)

23 01 50 61-0045	SF		Removal And Replacement Of Cast Iron Boiler Grates, Prepared From Casting Mold..... Note: Includes support, linkages and removal of existing.	141.12	
23 01 50 61-0046	EA		Prepare Cast Iron Boiler Grate Mold..... Note: Includes preparing unique size mold for grate casting. Mold to be used for multiple castings.	2,086.40	

23 01 50 61-0047 Replacement Or Conversion Of Boiler Burners (23 01 50 61-0001)

23 01 50 61-0048	EA		700 MBH Max Input Burner With 2" Boiler Connection, Screwed.....	10,330.39	1,139.36
23 01 50 61-0049	EA		2,100 MBH Max Input Burner With 2-1/2" Boiler Connection, Screwed.....	14,919.69	1,410.61
23 01 50 61-0050	EA		2,800 MBH Max Input Burner With 3" Boiler Connection, Screwed.....	17,620.33	1,708.92
23 01 50 61-0051	EA		3,800 MBH Max Input Burner With 4" Boiler Connection, Flanged.....	20,795.70	1,839.22

23 01 50 61-0052 Boiler And Chiller Water Treatment (23 01 50 61)

23 01 50 61-0053	LB		Boil Out Boiler And System With Caustic Soda..... Note: Includes disposal after treatment.	1.63	
23 01 50 61-0054	LB		Boil Out Boiler And System With Trisodium Phosphate..... Note: Includes disposal after treatment.	2.44	
23 01 50 61-0055	GAL		Corrosion Resistant Chemical Treatment, Based On Gallons Of Chemical Required.....	152.67	

23 01 60 Operation and Maintenance of Central Cooling Equipment (23 01)

23 01 60 61 Central Cooling Equipment Repair (23 01 60)

23 01 60 61-0001 Cooling Tower Repairs (23 01 60 61)

23 01 60 61-0002	EA		Replace 6' Diameter 4 Blade, Cooling Tower Fan Blade.....	3,379.15	
23 01 60 61-0003	EA		Replace 6' Diameter 5 Blade, Cooling Tower Fan Blade.....	3,985.65	
23 01 60 61-0004	EA		Replace 6' Diameter 6 Blade, Cooling Tower Fan Blade.....	4,587.70	
23 01 60 61-0005	EA		Replace 6' Diameter 7 Blade, Cooling Tower Fan Blade.....	5,422.20	
23 01 60 61-0006	EA		Replace 6' Diameter 8 Blade, Cooling Tower Fan Blade.....	5,977.78	
23 01 60 61-0007	EA		Replace 8' Diameter 4 Blade, Cooling Tower Fan Blade.....	3,729.24	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 01 Operation and Maintenance of HVAC Systems

23 01 60 Operation and Maintenance of Central Cooling Equipment

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 01 60 61-0008	EA	Replace 8' Diameter 5 Blade, Cooling Tower Fan Blade.....	4,154.21
23 01 60 61-0009	EA	Replace 8' Diameter 6 Blade, Cooling Tower Fan Blade.....	4,884.65
23 01 60 61-0010	EA	Replace 8' Diameter 7 Blade, Cooling Tower Fan Blade.....	5,570.83
23 01 60 61-0011	EA	Replace 8' Diameter 8 Blade, Cooling Tower Fan Blade.....	6,139.71
23 01 60 61-0012	EA	Replace Individual Cooling Tower Fan Blade For 6' Diameter Fan.....	927.78
23 01 60 61-0013	EA	Replace Individual Cooling Tower Fan Blade For 8' Diameter Fan.....	962.82
23 01 60 61-0014	EA	Replace Individual Cooling Tower Fan Blade For 10' Diameter Fan.....	1,028.87
23 01 60 61-0015	EA	Replace Individual Cooling Tower Fan Blade For 12' Diameter Fan.....	1,198.93
23 01 60 61-0016	EA	Replace Individual Cooling Tower Fan Blade For 14' Diameter Fan.....	1,486.31
23 01 60 61-0017	EA	Replace Individual Cooling Tower Fan Blade For 16' Diameter Fan.....	2,010.54
23 01 60 61-0018	EA	Replace Individual Cooling Tower Fan Blade For 18' Diameter Fan.....	2,114.20
23 01 60 61-0019	EA	Replace Individual Cooling Tower Fan Blade For 20' Diameter Fan.....	2,269.69
23 01 60 61-0020	EA	Replace Counterflow Nozzle (1/2" - 2" NPT Thread).....	40.18
23 01 60 61-0021	EA	Replace 6' Polyvinyl Chloride (PVC) Splash Fill.....	24.14

23 01 60 71 Refrigerant Recovery/Recycling (23 01 60)

23 01 60 71-0001 Refrigerant Recovery, Reclaim And Recycling (23 01 60 71)

23 01 60 71-0002	LB	Recovery Of Refrigerant.....	12.28
23 01 60 71-0003	LB	Recovery And Recharging Of Refrigerant..... Note: Includes cleaning refrigerant gas prior to recharging.	23.03
23 01 60 71-0004	LB	Recharging Of Refrigerant..... Note: Excludes refrigerant filling at time of installation of HVAC or Condenser units.	10.34

23 05 Common Work Results for HVAC (23)

23 05 13 Common Motor Requirements for HVAC Equipment (23 05)

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor.

23 05 13 00-0001 Premium Efficient, Motors (23 05 13)

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. Excludes installation. See CSI section 23 05 13 00-0216 for installation.

23 05 13 00-0002 Premium Efficient, Open Drip Proof Motors (23 05 13 00-0001)

Note: NEMA premium efficiency, open drip proof, three phase AC motors.

23 05 13 00-0003 Steel Frame, Premium Efficient, Open Drip Proof Motors (23 05 13 00-0002)

23 05 13 00-0004	EA	1 HP, 3,600 RPM, 56 NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	692.93
23 05 13 00-0005	EA	1 HP, 1,800 RPM, 143T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	784.62
23 05 13 00-0006	EA	1 HP, 1,200 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	919.90
23 05 13 00-0007	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	772.59
23 05 13 00-0008	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	820.69
23 05 13 00-0009	EA	1-1/2 HP, 1,200 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	1,076.22
23 05 13 00-0010	EA	2 HP, 3,600 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	907.87
23 05 13 00-0011	EA	2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	879.31
23 05 13 00-0012	EA	2 HP, 1,200 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	1,100.27
23 05 13 00-0013	EA	3 HP, 3,600 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	919.90
23 05 13 00-0014	EA	3 HP, 1,800 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	948.46
23 05 13 00-0015	EA	3 HP, 1,200 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	1,400.89
23 05 13 00-0016	EA	5 HP, 3,600 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	1,004.07
23 05 13 00-0017	EA	5 HP, 1,800 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	1,038.64
23 05 13 00-0018	EA	5 HP, 1,200 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	1,835.29
23 05 13 00-0019	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	1,593.29
23 05 13 00-0020	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	1,527.15
23 05 13 00-0021	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	2,200.54
23 05 13 00-0022	EA	10 HP, 3,600 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	1,821.76
23 05 13 00-0023	EA	10 HP, 1,800 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	1,848.81
23 05 13 00-0024	EA	10 HP, 1,200 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	2,863.41
23 05 13 00-0025	EA	15 HP, 3,600 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	2,588.34
23 05 13 00-0026	EA	15 HP, 1,800 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	2,618.40
23 05 13 00-0027	EA	15 HP, 1,200 RPM, 284T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	3,861.46
23 05 13 00-0028	EA	20 HP, 3,600 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	3,040.77
23 05 13 00-0029	EA	20 HP, 1,800 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	3,287.28
23 05 13 00-0030	EA	20 HP, 1,200 RPM, 286T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	4,700.19
23 05 13 00-0031	EA	25 HP, 3,600 RPM, 284TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	3,651.03
23 05 13 00-0032	EA	25 HP, 1,800 RPM, 284T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	4,007.26
23 05 13 00-0033	EA	25 HP, 1,200 RPM, 324T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	5,677.21
23 05 13 00-0034	EA	30 HP, 3,600 RPM, 286TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	4,307.88
23 05 13 00-0035	EA	30 HP, 1,800 RPM, 286T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	4,381.54
23 05 13 00-0036	EA	30 HP, 1,200 RPM, 326T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	5,922.21
23 05 13 00-0037	EA	40 HP, 3,600 RPM, 324TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	5,550.95
23 05 13 00-0038	EA	40 HP, 1,800 RPM, 324T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	5,716.29
23 05 13 00-0039	EA	50 HP, 3,600 RPM, 326TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	6,045.47
23 05 13 00-0040	EA	50 HP, 1,800 RPM, 326T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	6,308.51
23 05 13 00-0041	EA	60 HP, 3,600 RPM, 364TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	7,649.28
23 05 13 00-0042	EA	60 HP, 1,800 RPM, 364T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	7,942.38
23 05 13 00-0043	EA	75 HP, 3,600 RPM, 365TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	10,034.70
23 05 13 00-0044	EA	75 HP, 1,800 RPM, 365T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	9,749.11
23 05 13 00-0045	EA	100 HP, 3,600 RPM, 365TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	10,726.12
23 05 13 00-0046	EA	100 HP, 1,800 RPM, 404T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	11,342.39
23 05 13 00-0047	EA	125 HP, 3,600 RPM, 404TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	13,461.76
23 05 13 00-0048	EA	125 HP, 1,800 RPM, 405T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	13,914.20
23 05 13 00-0049	EA	150 HP, 3,600 RPM, 405TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	16,606.25

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 05 13 00-0050 Cast Iron Frame, Premium Efficient, Open Drip Proof Motors <small>(23 05 13 00-0002)</small>					
23 05 13 00-0051	EA		40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor.....	8,436.90	
23 05 13 00-0052	EA		50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor.....	10,213.56	
23 05 13 00-0053	EA		60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor.....	12,967.24	
23 05 13 00-0054	EA		75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor.....	14,437.28	
23 05 13 00-0055	EA		100 HP, 1,200 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor.....	15,890.77	
23 05 13 00-0056	EA		125 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor.....	17,160.89	
23 05 13 00-0057	EA		150 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor.....	15,456.38	
23 05 13 00-0058	EA		150 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor.....	20,210.68	
23 05 13 00-0059	EA		200 HP, 3,600 RPM, 444TS NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor.....	18,818.81	
23 05 13 00-0060	EA		200 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor.....	19,314.84	
23 05 13 00-0061	EA		200 HP, 1,200 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor.....	26,567.29	

23 05 13 00-0062 Premium Efficient, TEFC Motors <small>(23 05 13 00-0001)</small>					
Note: NEMA premium efficiency, totally enclosed fan cooled, three phase AC motors.					

23 05 13 00-0063 Steel Frame, Premium Efficient, TEFC Motors <small>(23 05 13 00-0062)</small>					
23 05 13 00-0064	EA		1 HP, 3,600 RPM, 56 NEMA Steel Frame, Premium Efficient, TEFC Motor.....	810.17	
23 05 13 00-0065	EA		1 HP, 1,800 RPM, 143T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	892.84	
23 05 13 00-0066	EA		1 HP, 1,200 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	1,062.69	
23 05 13 00-0067	EA		1-1/2 HP, 3,600 RPM, 143T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	918.39	
23 05 13 00-0068	EA		1-1/2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	927.41	
23 05 13 00-0069	EA		2 HP, 3,600 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	1,005.57	
23 05 13 00-0070	EA		2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	961.98	
23 05 13 00-0071	EA		3 HP, 3,600 RPM, 182T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	1,115.30	
23 05 13 00-0072	EA		3 HP, 1,800 RPM, 182T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	1,062.69	
23 05 13 00-0073	EA		3 HP, 1,200 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	1,706.02	
23 05 13 00-0074	EA		5 HP, 3,600 RPM, 184T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	1,237.05	
23 05 13 00-0075	EA		5 HP, 1,800 RPM, 184T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	1,163.40	
23 05 13 00-0076	EA		5 HP, 1,200 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	1,926.97	
23 05 13 00-0077	EA		7-1/2 HP, 3,600 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	1,853.32	
23 05 13 00-0078	EA		7-1/2 HP, 1,800 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	1,677.46	
23 05 13 00-0079	EA		10 HP, 3,600 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	1,878.88	
23 05 13 00-0080	EA		10 HP, 1,800 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	1,893.91	

23 05 13 00-0081 Cast Iron Frame, Premium Efficient, TEFC Motors <small>(23 05 13 00-0062)</small>					
23 05 13 00-0082	EA		1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	1,155.88	
23 05 13 00-0083	EA		1 HP, 1,200 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	1,294.17	
23 05 13 00-0084	EA		1-1/2 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	1,220.52	
23 05 13 00-0085	EA		1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	1,197.97	
23 05 13 00-0086	EA		1-1/2 HP, 1,200 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	1,540.68	
23 05 13 00-0087	EA		2 HP, 3,600 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	1,283.65	
23 05 13 00-0088	EA		2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	1,255.09	
23 05 13 00-0089	EA		2 HP, 1,200 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	1,564.73	
23 05 13 00-0090	EA		3 HP, 3,600 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	1,385.86	
23 05 13 00-0091	EA		3 HP, 1,800 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	1,424.94	
23 05 13 00-0092	EA		3 HP, 1,200 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	1,949.52	
23 05 13 00-0093	EA		5 HP, 3,600 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	1,706.02	
23 05 13 00-0094	EA		5 HP, 1,800 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	1,426.44	
23 05 13 00-0095	EA		5 HP, 1,200 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	2,262.17	
23 05 13 00-0096	EA		7-1/2 HP, 3,600 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	1,975.07	
23 05 13 00-0097	EA		7-1/2 HP, 1,800 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	1,902.92	
23 05 13 00-0098	EA		7-1/2 HP, 1,200 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	3,225.65	
23 05 13 00-0099	EA		10 HP, 3,600 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	2,314.77	
23 05 13 00-0100	EA		10 HP, 1,800 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	2,134.40	
23 05 13 00-0101	EA		10 HP, 1,200 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	3,682.60	
23 05 13 00-0102	EA		15 HP, 3,600 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	3,189.58	
23 05 13 00-0103	EA		15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	2,919.02	
23 05 13 00-0104	EA		15 HP, 1,200 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	4,912.13	
23 05 13 00-0105	EA		20 HP, 3,600 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	3,500.72	
23 05 13 00-0106	EA		20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	3,539.80	
23 05 13 00-0107	EA		20 HP, 1,200 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	6,539.99	
23 05 13 00-0108	EA		25 HP, 3,600 RPM, 284TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	4,567.92	
23 05 13 00-0109	EA		25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	4,629.55	
23 05 13 00-0110	EA		25 HP, 1,200 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	7,399.76	
23 05 13 00-0111	EA		30 HP, 3,600 RPM, 286TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	5,427.69	
23 05 13 00-0112	EA		30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	5,492.33	
23 05 13 00-0113	EA		30 HP, 1,200 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	8,548.13	
23 05 13 00-0114	EA		40 HP, 3,600 RPM, 324TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	7,440.34	
23 05 13 00-0115	EA		40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	7,181.81	
23 05 13 00-0116	EA		40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	10,652.47	
23 05 13 00-0117	EA		50 HP, 3,600 RPM, 326TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	8,139.29	
23 05 13 00-0118	EA		50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	7,849.19	
23 05 13 00-0119	EA		50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	12,872.55	
23 05 13 00-0120	EA		60 HP, 3,600 RPM, 364TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	11,434.08	
23 05 13 00-0121	EA		60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	11,294.29	
23 05 13 00-0122	EA		60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	15,624.72	
23 05 13 00-0123	EA		75 HP, 3,600 RPM, 365TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	13,302.44	
23 05 13 00-0124	EA		75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	13,206.24	
23 05 13 00-0125	EA		75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	18,195.03	
23 05 13 00-0126	EA		100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	16,400.32	
23 05 13 00-0127	EA		125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	20,303.87	
23 05 13 00-0128	EA		150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	23,355.17	

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 05 13 00-0129	EA	200 HP, 1,800 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	29,352.54
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23 05 13 00-0130

Premium Efficient, Severe Duty Motors (23 05 13 00-0001)

Note: NEMA premium efficiency, TEFC enclosure severe duty, three phase AC motors.

23 05 13 00-0131	EA	1 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,200.98
23 05 13 00-0132	EA	1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,319.72
23 05 13 00-0133	EA	1 HP, 1,200 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,458.01
23 05 13 00-0134	EA	1 HP, 900 RPM, L182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,048.73
23 05 13 00-0135	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,366.32
23 05 13 00-0136	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,345.27
23 05 13 00-0137	EA	1-1/2 HP, 1,200 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,706.02
23 05 13 00-0138	EA	1-1/2 HP, 900 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,549.26
23 05 13 00-0139	EA	2 HP, 3,600 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,429.45
23 05 13 00-0140	EA	2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,403.90
23 05 13 00-0141	EA	2 HP, 1,200 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,728.56
23 05 13 00-0142	EA	2 HP, 900 RPM, L213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,215.13
23 05 13 00-0143	EA	3 HP, 3,600 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,690.99
23 05 13 00-0144	EA	3 HP, 1,800 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,776.66
23 05 13 00-0145	EA	3 HP, 1,200 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,495.15
23 05 13 00-0146	EA	3 HP, 900 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,487.19
23 05 13 00-0147	EA	5 HP, 3,600 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,080.29
23 05 13 00-0148	EA	5 HP, 1,800 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,808.23
23 05 13 00-0149	EA	5 HP, 1,200 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,528.21
23 05 13 00-0150	EA	5 HP, 900 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	5,550.95
23 05 13 00-0151	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,714.60
23 05 13 00-0152	EA	7-1/2 HP, 1,800 RPM, L213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,277.20
23 05 13 00-0153	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,617.96
23 05 13 00-0154	EA	7-1/2 HP, 900 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	6,347.59
23 05 13 00-0155	EA	10 HP, 3,600 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,890.46
23 05 13 00-0156	EA	10 HP, 1,800 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,726.62
23 05 13 00-0157	EA	10 HP, 1,200 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,700.19
23 05 13 00-0158	EA	10 HP, 900 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	7,404.27
23 05 13 00-0159	EA	15 HP, 3,600 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,697.63
23 05 13 00-0160	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,473.66
23 05 13 00-0161	EA	15 HP, 1,200 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	5,388.61
23 05 13 00-0162	EA	15 HP, 900 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	9,884.39
23 05 13 00-0163	EA	20 HP, 3,600 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,313.90
23 05 13 00-0164	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,726.18
23 05 13 00-0165	EA	20 HP, 1,200 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	7,321.60
23 05 13 00-0166	EA	20 HP, 900 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	11,264.19
23 05 13 00-0167	EA	25 HP, 3,600 RPM, 284TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	5,184.74
23 05 13 00-0168	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,876.06
23 05 13 00-0169	EA	25 HP, 1,200 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	7,650.78
23 05 13 00-0170	EA	30 HP, 3,600 RPM, 286TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	6,320.54
23 05 13 00-0171	EA	30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	5,789.94
23 05 13 00-0172	EA	30 HP, 1,200 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	9,863.34
23 05 13 00-0173	EA	40 HP, 3,600 RPM, 324TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	8,683.41
23 05 13 00-0174	EA	40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	7,575.62
23 05 13 00-0175	EA	40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	12,293.85
23 05 13 00-0176	EA	50 HP, 3,600 RPM, 326TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	9,099.77
23 05 13 00-0177	EA	50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	8,892.34
23 05 13 00-0178	EA	50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	13,095.01
23 05 13 00-0179	EA	60 HP, 3,600 RPM, 364TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	13,206.24
23 05 13 00-0180	EA	60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	11,918.08
23 05 13 00-0181	EA	60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	17,886.89
23 05 13 00-0182	EA	75 HP, 3,600 RPM, 365TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	14,763.45
23 05 13 00-0183	EA	75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	13,926.22
23 05 13 00-0184	EA	75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	21,769.40
23 05 13 00-0185	EA	100 HP, 3,600 RPM, 405TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	18,557.27
23 05 13 00-0186	EA	100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	18,280.70
23 05 13 00-0187	EA	100 HP, 1,200 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	23,944.38
23 05 13 00-0188	EA	125 HP, 3,600 RPM, 444TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	21,805.47
23 05 13 00-0189	EA	125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	21,611.57
23 05 13 00-0190	EA	125 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	27,049.79
23 05 13 00-0191	EA	150 HP, 3,600 RPM, 445TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	25,563.22
23 05 13 00-0192	EA	150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	25,318.22
23 05 13 00-0193	EA	150 HP, 1,200 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	30,497.90
23 05 13 00-0194	EA	200 HP, 3,600 RPM, 447TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	30,270.93
23 05 13 00-0195	EA	200 HP, 1,800 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	30,457.32
23 05 13 00-0196	EA	200 HP, 1,200 RPM, 449T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	39,949.39

23 05 13 00-0197

Premium Efficient, Explosion Proof Motors (23 05 13 00-0001)

Note: NEMA premium efficiency, explosion proof, three phase AC motors.

23 05 13 00-0198	EA	1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,602.30
23 05 13 00-0199	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,659.42
23 05 13 00-0200	EA	2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,809.73
23 05 13 00-0201	EA	3 HP, 1,800 RPM, L182T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	2,236.61
23 05 13 00-0202	EA	5 HP, 1,800 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	2,480.12
23 05 13 00-0203	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	3,418.05
23 05 13 00-0204	EA	10 HP, 1,800 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	3,488.70
23 05 13 00-0205	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	4,722.74
23 05 13 00-0206	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	5,384.10
23 05 13 00-0207	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	7,073.59

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 05 13 00-0208	EA		30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	7,939.37	
23 05 13 00-0209	EA		40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	10,381.91	
23 05 13 00-0210	EA		50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	11,692.61	
23 05 13 00-0211	EA		60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	16,356.73	
23 05 13 00-0212	EA		75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	19,202.10	
23 05 13 00-0213	EA		100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	23,391.24	
23 05 13 00-0214	EA		125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	30,573.05	
23 05 13 00-0215	EA		150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	34,883.94	

23 05 13 00-0216 Motor Mounting (23 05 13)

Note: Includes handling and motor installation on mounting base. Excludes mounting base.

23 05 13 00-0217	EA		1/2 HP Motor Mounting.....	179.66	91.41
23 05 13 00-0218	EA		3/4 HP Motor Mounting.....	207.00	114.27
23 05 13 00-0219	EA		1 HP Motor Mounting.....	221.44	114.27
23 05 13 00-0220	EA		1-1/2 HP Motor Mounting.....	238.05	114.27
23 05 13 00-0221	EA		2 HP Motor Mounting.....	257.35	137.11
23 05 13 00-0222	EA		3 HP Motor Mounting.....	297.56	137.11
23 05 13 00-0223	EA		5 HP Motor Mounting.....	352.67	228.53
23 05 13 00-0224	EA		7-1/2 HP Motor Mounting.....	453.42	228.53
23 05 13 00-0225	EA		10 HP Motor Mounting.....	595.13	399.92
23 05 13 00-0226	EA		15 HP Motor Mounting.....	732.46	399.92
23 05 13 00-0227	EA		20 HP Motor Mounting.....	865.63	571.32
23 05 13 00-0228	EA		25 HP Motor Mounting.....	981.64	571.32
23 05 13 00-0229	EA		30 HP Motor Mounting.....	1,190.24	571.32
23 05 13 00-0230	EA		40 HP Motor Mounting.....	1,341.12	856.98
23 05 13 00-0231	EA		50 HP Motor Mounting.....	1,487.81	856.98
23 05 13 00-0232	EA		75 HP Motor Mounting.....	1,796.59	1,256.90
23 05 13 00-0233	EA		100 HP Motor Mounting.....	2,164.08	1,256.90
23 05 13 00-0234	EA		125 HP Motor Mounting.....	2,644.99	1,713.95
23 05 13 00-0235	EA		150 HP Motor Mounting.....	3,071.60	1,713.95
23 05 13 00-0236	EA		200 HP Motor Mounting.....	3,526.65	2,056.74

23 05 16 Expansion Fittings and Loops for HVAC Piping (23 05)

23 05 16 00-0001 Stainless Steel Bellows Type Expansion Joints (23 05 16)

Note: Includes internal sleeves and external covers.

23 05 16 00-0002 Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joints (23 05 16 00-0001)

Note: Carbon steel ends. Includes internal sleeves and external covers.

23 05 16 00-0003	EA		1/2" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	297.73	93.60
			<i>For 300 LB Rating, Add</i>	27.61	
23 05 16 00-0004	EA		3/4" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	331.94	105.55
			<i>For 300 LB Rating, Add</i>	30.24	
23 05 16 00-0005	EA		1" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	399.66	120.99
			<i>For 300 LB Rating, Add</i>	39.44	
23 05 16 00-0006	EA		1-1/4" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	459.10	135.05
			<i>For 300 LB Rating, Add</i>	47.33	
23 05 16 00-0007	EA		1-1/2" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	500.52	145.15
			<i>For 300 LB Rating, Add</i>	52.56	
23 05 16 00-0008	EA		2" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	562.27	170.81
			<i>For 300 LB Rating, Add</i>	55.19	

23 05 16 00-0009 Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joints (23 05 16 00-0001)

Note: Carbon steel ends. Includes internal sleeves and external covers.

23 05 16 00-0010	EA		1-1/4" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	521.87	93.57
			<i>For 300 LB Rating, Add</i>	101.41	
23 05 16 00-0011	EA		1-1/2" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	572.86	112.29
			<i>For 300 LB Rating, Add</i>	108.04	
23 05 16 00-0012	EA		2" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	610.47	142.56
			<i>For 300 LB Rating, Add</i>	108.06	
23 05 16 00-0013	EA		2-1/2" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	658.69	155.07
			<i>For 300 LB Rating, Add</i>	116.06	
23 05 16 00-0014	EA		3" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	729.21	181.81
			<i>For 300 LB Rating, Add</i>	125.42	
23 05 16 00-0015	EA		4" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	923.09	304.79
			<i>For 300 LB Rating, Add</i>	135.29	
23 05 16 00-0016	EA		5" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	1,222.86	333.35
			<i>For 300 LB Rating, Add</i>	201.71	
23 05 16 00-0017	EA		6" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	1,155.62	370.39
			<i>For 300 LB Rating, Add</i>	172.75	
23 05 16 00-0018	EA		8" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	1,483.55	473.27
			<i>For 300 LB Rating, Add</i>	223.91	
23 05 16 00-0019	EA		10" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	1,878.75	576.15
			<i>For 300 LB Rating, Add</i>	289.64	
23 05 16 00-0020	EA		12" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	2,445.47	436.43
			<i>For 300 LB Rating, Add</i>	392.87	
23 05 16 00-0021	EA		14" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	3,088.18	823.08
			<i>For 300 LB Rating, Add</i>	514.84	
23 05 16 00-0022	EA		16" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	3,931.15	905.38
			<i>For 300 LB Rating, Add</i>	699.86	

23 05 16 00-0023 Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joints (23 05 16 00-0001)

Note: Carbon steel ends. Includes internal sleeves and external covers.

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 16 Expansion Fittings and Loops for HVAC Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 16 00-0024	EA	1-1/4" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	582.38	128.34
		<i>For 300 LB Rating, Add</i>	81.45	
23 05 16 00-0025	EA	1-1/2" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	605.92	129.40
		<i>For 300 LB Rating, Add</i>	86.78	
23 05 16 00-0026	EA	2" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	614.79	133.68
		<i>For 300 LB Rating, Add</i>	86.79	
23 05 16 00-0027	EA	2-1/2" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	664.76	145.76
		<i>For 300 LB Rating, Add</i>	93.22	
23 05 16 00-0028	EA	3" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	746.98	171.43
		<i>For 300 LB Rating, Add</i>	100.94	
23 05 16 00-0029	EA	4" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,116.68	341.37
		<i>For 300 LB Rating, Add</i>	108.66	
23 05 16 00-0030	EA	5" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,343.19	348.47
		<i>For 300 LB Rating, Add</i>	162.01	
23 05 16 00-0031	EA	6" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,326.07	385.82
		<i>For 300 LB Rating, Add</i>	138.75	
23 05 16 00-0032	EA	8" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,599.80	440.86
		<i>For 300 LB Rating, Add</i>	179.84	
23 05 16 00-0033	EA	10" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	2,008.67	540.14
		<i>For 300 LB Rating, Add</i>	232.64	
23 05 16 00-0034	EA	12" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	2,571.62	654.75
		<i>For 300 LB Rating, Add</i>	315.55	
23 05 16 00-0035	EA	14" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	3,051.77	666.69
		<i>For 300 LB Rating, Add</i>	429.52	
23 05 16 00-0036	EA	16" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	4,002.63	833.36
		<i>For 300 LB Rating, Add</i>	583.88	

23 05 16 00-0037 Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joints

(23 05 16)

23 05 16 00-0038 Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joints

(23 05 16 00-0037)

23 05 16 00-0039	EA	2" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	781.49	142.56
23 05 16 00-0040	EA	2-1/2" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	842.39	155.07
23 05 16 00-0041	EA	3" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	927.72	181.81
23 05 16 00-0042	EA	4" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	1,137.20	304.79
23 05 16 00-0043	EA	5" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	1,542.11	333.35
23 05 16 00-0044	EA	6" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	1,429.03	370.39
23 05 16 00-0045	EA	8" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	1,837.94	473.27
23 05 16 00-0046	EA	10" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	2,337.17	576.15
23 05 16 00-0047	EA	12" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	3,067.27	436.95
23 05 16 00-0048	EA	14" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	3,903.03	823.08
23 05 16 00-0049	EA	16" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	5,038.83	905.38
23 05 16 00-0050	EA	18" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	6,576.98	1,004.15
23 05 16 00-0051	EA	20" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	7,660.44	1,131.73
23 05 16 00-0052	EA	24" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	8,822.55	1,388.94
23 05 16 00-0053	EA	30" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	11,512.23	2,263.45
23 05 16 00-0054	EA	36" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	14,752.11	3,017.94

23 05 16 00-0055 Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joints

(23 05 16)

23 05 16 00-0056 Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joints

(23 05 16 00-0055)

23 05 16 00-0057	EA	2" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint	1,498.23	142.56
23 05 16 00-0058	EA	2-1/2" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint	1,612.23	155.07
23 05 16 00-0059	EA	3" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint	1,759.62	181.81
23 05 16 00-0060	EA	4" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint	2,034.54	304.79
23 05 16 00-0061	EA	5" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint	2,880.02	333.35
23 05 16 00-0062	EA	6" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint	2,574.85	370.39
23 05 16 00-0063	EA	8" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint	3,323.13	473.27
23 05 16 00-0064	EA	10" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint	4,258.35	576.15
23 05 16 00-0065	EA	12" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint	5,673.14	436.95
23 05 16 00-0066	EA	14" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint	7,317.94	823.08
23 05 16 00-0067	EA	16" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint	9,680.97	905.38
23 05 16 00-0068	EA	18" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint	12,899.96	1,004.15
23 05 16 00-0069	EA	20" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint	15,081.26	1,131.73
23 05 16 00-0070	EA	24" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint	17,242.10	1,388.94
23 05 16 00-0071	EA	30" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint	21,828.68	2,263.45
23 05 16 00-0072	EA	36" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint	27,797.43	3,017.94

23 05 16 00-0073 Neoprene Bellows Type Expansion Joints

(23 05 16)

23 05 16 00-0074 Flanged, 150 LB, Neoprene Bellows Type Expansion Joints

(23 05 16 00-0073)

Note: Cast iron ends.

23 05 16 00-0075	EA	2" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	752.82	142.56
23 05 16 00-0076	EA	2-1/2" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	800.94	155.07
23 05 16 00-0077	EA	3" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	842.02	181.81
23 05 16 00-0078	EA	4" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	1,068.26	304.79
23 05 16 00-0079	EA	5" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	1,253.97	333.35
23 05 16 00-0080	EA	6" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	1,315.87	370.39
23 05 16 00-0081	EA	8" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	1,598.75	473.27
23 05 16 00-0082	EA	10" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	1,810.83	576.15
23 05 16 00-0083	EA	12" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	2,044.45	436.74

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0084 EA 14" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	2,585.00	823.08
23 05 16 00-0085 EA 16" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	3,246.51	905.38
23 05 16 00-0086 EA 18" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	4,128.10	1,004.15
23 05 16 00-0087 EA 20" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	4,806.29	1,131.73
23 05 16 00-0088 EA 24" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	5,580.01	1,388.94
23 05 16 00-0089 EA 30" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	7,524.40	2,263.45
23 05 16 00-0090 EA 36" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	9,717.75	3,017.94
23 05 16 00-0091 Tube And Cover Expansion Joints (23 05 16)		
Note: Carbon steel split backup rings.		
23 05 16 00-0092 Flanged, 150 LB, Tube And Cover Expansion Joints (23 05 16 00-0091)		
23 05 16 00-0093 Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joints (23 05 16 00-0092)		
23 05 16 00-0094 EA 1" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	440.50	80.21
23 05 16 00-0095 EA 1-1/4" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	418.73	93.57
23 05 16 00-0096 EA 1-1/2" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	499.21	112.29
23 05 16 00-0097 EA 2" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	581.56	142.56
23 05 16 00-0098 EA 2-1/2" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	653.77	155.07
23 05 16 00-0099 EA 3" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	740.00	197.41
23 05 16 00-0100 EA 4" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	986.07	330.94
23 05 16 00-0101 EA 5" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	1,096.94	376.23
23 05 16 00-0102 EA 6" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	1,215.25	370.39
23 05 16 00-0103 EA 8" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	1,568.17	421.02
23 05 16 00-0104 EA 10" x 8" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	2,322.25	576.15
23 05 16 00-0105 EA 12" x 8" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	2,934.34	699.62
23 05 16 00-0106 EA 14" x 8" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	3,291.89	823.08
23 05 16 00-0107 EA 16" x 8" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	3,674.86	905.38
23 05 16 00-0108 EA 18" x 8" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	3,999.97	1,004.15
23 05 16 00-0109 EA 20" x 8" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	4,798.03	1,131.73
23 05 16 00-0110 EA 24" x 10" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	5,825.34	1,388.94
23 05 16 00-0111 EA 30" x 10" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	8,363.70	2,263.45
23 05 16 00-0112 EA 36" x 10" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	10,068.63	3,017.94
23 05 16 00-0113 Flanged, 150 LB, Rubber Tube And Cover Expansion Joints (23 05 16 00-0092)		
23 05 16 00-0114 EA 1" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	418.09	80.21
23 05 16 00-0115 EA 1-1/4" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	396.32	93.57
23 05 16 00-0116 EA 1-1/2" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	476.81	112.29
23 05 16 00-0117 EA 2" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	559.15	142.56
23 05 16 00-0118 EA 2-1/2" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	631.36	155.07
23 05 16 00-0119 EA 3" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	717.59	197.41
23 05 16 00-0120 EA 4" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	952.46	330.94
23 05 16 00-0121 EA 5" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	1,063.33	376.23
23 05 16 00-0122 EA 6" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	1,181.64	370.39
23 05 16 00-0123 EA 8" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	1,573.79	473.27
23 05 16 00-0124 EA 10" x 8" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	2,199.01	576.15
23 05 16 00-0125 EA 12" x 8" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	2,822.31	699.62
23 05 16 00-0126 EA 14" x 8" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	3,168.65	823.08
23 05 16 00-0127 EA 16" x 8" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	3,551.62	905.38
23 05 16 00-0128 EA 18" x 8" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	3,865.54	1,004.15
23 05 16 00-0129 EA 20" x 8" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	4,641.18	1,131.73
23 05 16 00-0130 EA 24" x 10" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	5,634.88	1,388.94
23 05 16 00-0131 EA 30" x 10" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	7,814.74	2,263.45
23 05 16 00-0132 EA 36" x 10" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	9,754.94	3,017.94
23 05 16 00-0133 Flanged, 125 LB, Buna-N Tube And Cover Expansion Joints (23 05 16 00-0092)		
23 05 16 00-0134 EA 2" x 6" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	570.35	142.56
23 05 16 00-0135 EA 3" x 6" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	709.19	197.41
23 05 16 00-0136 EA 4" x 6" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	941.26	330.94
23 05 16 00-0137 EA 6" x 6" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	1,086.42	370.39
23 05 16 00-0138 EA 8" x 6" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	1,349.73	473.27
23 05 16 00-0139 EA 10" x 8" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	1,672.46	576.15
23 05 16 00-0140 EA 12" x 8" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	1,998.87	699.62

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 16 Expansion Fittings and Loops for HVAC Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0141		Flanged, Tube And Cover Expansion Joints (Mercer 501) <small>(23 05 16 00-0091)</small>		
23 05 16 00-0142		Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joints (501EE) <small>(23 05 16 00-0141)</small>		
23 05 16 00-0143	EA	1-1/2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE).....	835.31	112.29
23 05 16 00-0144	EA	2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE).....	928.85	142.56
23 05 16 00-0145	EA	2-1/2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE).....	967.46	155.07
23 05 16 00-0146	EA	3" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE).....	1,098.50	197.41
23 05 16 00-0147	EA	4" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE).....	1,400.59	330.94
23 05 16 00-0148	EA	5" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE).....	1,545.07	376.23
23 05 16 00-0149	EA	6" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE).....	1,640.98	370.39
23 05 16 00-0150	EA	8" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE).....	2,189.97	473.27
23 05 16 00-0151	EA	10" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE).....	2,703.16	576.15
23 05 16 00-0152	EA	12" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE).....	3,124.79	699.62
23 05 16 00-0153	EA	14" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE).....	3,583.17	823.08
23 05 16 00-0154	EA	16" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE).....	3,910.12	905.38
23 05 16 00-0155	EA	18" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE).....	4,280.05	1,004.15
23 05 16 00-0156	EA	20" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE).....	5,022.09	1,131.73
23 05 16 00-0157	EA	24" x 10" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE).....	6,161.43	1,388.94
23 05 16 00-0158	EA	30" x 10" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE).....	8,912.66	2,263.45
23 05 16 00-0159	EA	36" x 10" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE).....	11,076.92	3,017.94
23 05 16 00-0160	EA	42" x 12" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE).....	14,531.57	4,526.91
23 05 16 00-0161	EA	48" x 12" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE).....	17,257.01	5,658.64
23 05 16 00-0162	EA	60" x 12" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE).....	23,058.02	8,148.43
23 05 16 00-0163		Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 501RR) <small>(23 05 16 00-0141)</small>		
23 05 16 00-0164	EA	1-1/2" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR).....	790.50	112.29
23 05 16 00-0165	EA	2" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR).....	872.84	142.56
23 05 16 00-0166	EA	2-1/2" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR).....	911.44	155.07
23 05 16 00-0167	EA	3" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR).....	1,031.28	197.41
23 05 16 00-0168	EA	4" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR).....	1,322.17	330.94
23 05 16 00-0169	EA	5" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR).....	1,466.64	376.23
23 05 16 00-0170	EA	6" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR).....	1,551.35	370.39
23 05 16 00-0171	EA	8" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR).....	2,066.73	473.27
23 05 16 00-0172	EA	10" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR).....	2,557.51	576.15
23 05 16 00-0173	EA	12" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR).....	2,956.75	699.62
23 05 16 00-0174	EA	14" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR).....	3,392.72	823.08
23 05 16 00-0175	EA	16" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR).....	3,708.47	905.38
23 05 16 00-0176	EA	18" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR).....	4,044.79	1,004.15
23 05 16 00-0177	EA	20" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR).....	4,753.21	1,131.73
23 05 16 00-0178	EA	24" x 10" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR).....	5,836.54	1,388.94
23 05 16 00-0179	EA	30" x 10" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR).....	8,453.33	2,263.45
23 05 16 00-0180	EA	36" x 10" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR).....	10,527.96	3,017.94
23 05 16 00-0181		Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501) <small>(23 05 16 00-0141)</small>		
		Note: 501BB, 501NN or 501NiNi.		
23 05 16 00-0182	EA	1-1/2" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501).....	835.31	112.29
23 05 16 00-0183	EA	2" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501).....	940.06	142.56
23 05 16 00-0184	EA	2-1/2" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501).....	967.46	155.07
23 05 16 00-0185	EA	3" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501).....	1,098.50	197.41
23 05 16 00-0186	EA	4" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501).....	1,400.59	330.94
23 05 16 00-0187	EA	5" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501).....	1,545.07	376.23
23 05 16 00-0188	EA	6" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501).....	1,652.18	370.39
23 05 16 00-0189	EA	8" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501).....	2,189.97	473.27
23 05 16 00-0190	EA	10" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501).....	2,703.16	576.15
23 05 16 00-0191	EA	12" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501).....	3,124.79	699.62
23 05 16 00-0192	EA	14" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501).....	3,583.17	823.08
23 05 16 00-0193	EA	16" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501).....	3,910.12	905.38
23 05 16 00-0194	EA	18" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501).....	4,280.05	1,004.15
23 05 16 00-0195	EA	20" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501).....	5,022.09	1,131.73
23 05 16 00-0196	EA	24" x 10" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501).....	6,161.43	1,388.94
23 05 16 00-0197	EA	30" x 10" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501).....	8,912.66	2,263.45
23 05 16 00-0198	EA	36" x 10" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501).....	11,076.92	3,017.94
23 05 16 00-0199		Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joints (Mercer 501NNFA) <small>(23 05 16 00-0141)</small>		
23 05 16 00-0200	EA	1-1/2" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA).....	868.92	112.29
23 05 16 00-0201	EA	2" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA).....	962.46	142.56
23 05 16 00-0202	EA	2-1/2" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA).....	1,001.07	155.07
23 05 16 00-0203	EA	3" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA).....	1,143.32	197.41

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0204	EA		4" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	1,456.61	330.94
23 05 16 00-0205	EA		5" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	1,601.08	376.23
23 05 16 00-0206	EA		6" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	1,708.20	370.39
23 05 16 00-0207	EA		8" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	2,268.39	473.27
23 05 16 00-0208	EA		10" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	2,803.99	576.15
23 05 16 00-0209	EA		12" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	3,248.03	699.62
23 05 16 00-0210	EA		14" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	3,706.40	823.08
23 05 16 00-0211	EA		16" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	4,055.77	905.38
23 05 16 00-0212	EA		18" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	4,425.70	1,004.15
23 05 16 00-0213	EA		20" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	5,201.34	1,131.73
23 05 16 00-0214	EA		24" x 10" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA).....	6,396.70	1,388.94
23 05 16 00-0215			Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E) <small>(23 05 16 00-0141)</small>		
			Note: Kevlar reinforcement for high temperature.		
23 05 16 00-0216	EA		1-1/2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E).....	1,081.78	112.29
23 05 16 00-0217	EA		2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E).....	1,141.72	142.56
23 05 16 00-0218	EA		2-1/2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E).....	1,236.34	155.07
23 05 16 00-0219	EA		3" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E).....	1,333.77	197.41
23 05 16 00-0220	EA		4" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E).....	1,837.52	330.94
23 05 16 00-0221	EA		5" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E).....	2,004.40	376.23
23 05 16 00-0222	EA		6" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E).....	2,066.70	370.39
23 05 16 00-0223	EA		8" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E).....	2,447.64	473.27
23 05 16 00-0224	EA		10" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E).....	2,904.81	576.15
23 05 16 00-0225	EA		12" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E).....	3,516.91	699.62
23 05 16 00-0226	EA		14" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E).....	4,154.53	823.08
23 05 16 00-0227	EA		16" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E).....	4,839.99	905.38
23 05 16 00-0228	EA		18" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E).....	5,377.97	1,004.15
23 05 16 00-0229	EA		20" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E).....	6,344.07	1,131.73
23 05 16 00-0230	EA		24" x 10" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E).....	8,267.64	1,388.94
23 05 16 00-0231			Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 800) <small>(23 05 16 00-0091)</small>		
23 05 16 00-0232			2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802) <small>(23 05 16 00-0231)</small>		
23 05 16 00-0233	EA		1" x 1-3/8" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	507.72	80.21
23 05 16 00-0234	EA		1-1/2" x 1-3/8" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	575.50	86.10
23 05 16 00-0235	EA		2" x 1-5/8" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	772.01	89.09
23 05 16 00-0236	EA		2-1/2" x 2-1/4" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	990.06	97.32
23 05 16 00-0237	EA		3" x 2-1/4" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	1,349.87	193.23
23 05 16 00-0238	EA		4" x 2-5/8" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	1,817.12	247.57
23 05 16 00-0239	EA		5" x 3-1/4" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	2,209.27	269.98
23 05 16 00-0240	EA		6" x 2-3/4" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	2,452.57	257.21
23 05 16 00-0241	EA		8" x 4" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	3,377.51	293.94
23 05 16 00-0242	EA		10" x 5-1/4" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	4,373.86	349.60
23 05 16 00-0243	EA		12" x 6" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802).....	6,062.59	437.77
23 05 16 00-0244			3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803) <small>(23 05 16 00-0231)</small>		
23 05 16 00-0245	EA		1" x 1-3/4" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	563.74	80.21
23 05 16 00-0246	EA		1-1/2" x 2" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	631.49	86.10
23 05 16 00-0247	EA		2" x 2-3/4" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	861.64	89.09
23 05 16 00-0248	EA		2-1/2" x 3-1/4" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	1,113.29	97.32
23 05 16 00-0249	EA		3" x 3-5/8" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	1,484.30	193.23
23 05 16 00-0250	EA		4" x 3-5/8" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	2,018.78	247.57
23 05 16 00-0251	EA		5" x 4" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803).....	2,455.74	269.98
23 05 16 00-0252	EA		6" x 4" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803).....	2,755.06	257.21
23 05 16 00-0253	EA		8" x 6" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803).....	3,792.03	293.94
23 05 16 00-0254	EA		10" x 6" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803).....	4,922.82	349.60
23 05 16 00-0255	EA		12" x 7" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803).....	6,835.61	437.77
23 05 16 00-0256			5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805) <small>(23 05 16 00-0231)</small>		
23 05 16 00-0257	EA		1" x 3" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805).....	619.75	80.21
23 05 16 00-0258	EA		1-1/2" x 3-1/2" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805).....	788.36	86.10
23 05 16 00-0259	EA		2" x 4" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805).....	1,007.28	89.09

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 16 Expansion Fittings and Loops for HVAC Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 16 00-0260	EA	2-1/2" x 4" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805).....	1,337.36	97.32
23 05 16 00-0261	EA	3" x 5" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805).....	1,797.99	193.23
23 05 16 00-0262	EA	4" x 5-1/4" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805).....	2,321.26	247.57
23 05 16 00-0263	EA	5" x 6" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805).....	3,049.51	269.98
23 05 16 00-0264	EA	6" x 6" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805).....	3,259.20	257.21
23 05 16 00-0265	EA	8" x 8" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805).....	4,923.55	293.94
23 05 16 00-0266	EA	10" x 8" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805).....	6,547.28	349.60
23 05 16 00-0267	EA	12" x 9" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805).....	8,191.20	437.77

23 05 16 00-0268 Mercer Rubber, Series 450 (23 05 16 00-0091)**23 05 16 00-0269 Expansion Joints, 2 Arch (452)** (23 05 16 00-0268)

23 05 16 00-0270	EA	1-1/2" x 12" Expansion Joints, 2 Arch.....	623.11	86.10
23 05 16 00-0271	EA	2" x 12" Expansion Joints, 2 Arch.....	696.39	89.09
23 05 16 00-0272	EA	2-1/2" x 12" Expansion Joints, 2 Arch.....	771.59	97.32
23 05 16 00-0273	EA	3" x 12" Expansion Joints, 2 Arch.....	1,038.98	193.23
23 05 16 00-0274	EA	4" x 12" Expansion Joints, 2 Arch.....	1,192.54	247.57
23 05 16 00-0275	EA	6" x 12" Expansion Joints, 2 Arch.....	1,326.65	257.21
23 05 16 00-0276	EA	8" x 12" Expansion Joints, 2 Arch.....	1,489.77	293.94
23 05 16 00-0277	EA	10" x 14" Expansion Joints, 2 Arch.....	2,004.38	349.60
23 05 16 00-0278	EA	12" x 14" Expansion Joints, 2 Arch.....	2,360.56	438.09
23 05 16 00-0279	EA	14" x 14" Expansion Joints, 2 Arch.....	2,751.00	444.26
23 05 16 00-0280	EA	16" x 14" Expansion Joints, 2 Arch.....	3,320.62	554.03
23 05 16 00-0281	EA	18" x 14" Expansion Joints, 2 Arch.....	3,708.02	628.62
23 05 16 00-0282	EA	20" x 14" Expansion Joints, 2 Arch.....	4,201.71	707.43
23 05 16 00-0283	EA	24" x 16" Expansion Joints, 2 Arch.....	5,028.01	868.55

23 05 16 00-0284 Mercer Rubber, Series 502 And 701 (23 05 16 00-0091)**23 05 16 00-0285 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)** (23 05 16 00-0284)

Note: Baked enamel, coated ductile iron backup rings.

23 05 16 00-0286	EA	1-1/2" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR).....	992.15	112.57
23 05 16 00-0287	EA	2" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR).....	1,052.09	142.60
23 05 16 00-0288	EA	2-1/2" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR).....	1,124.31	155.55
23 05 16 00-0289	EA	3" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR).....	1,199.33	197.65
23 05 16 00-0290	EA	4" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR).....	1,535.03	331.77
23 05 16 00-0291	EA	5" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR).....	1,813.94	375.64
23 05 16 00-0292	EA	6" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR).....	1,876.24	371.71
23 05 16 00-0293	EA	8" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR).....	2,234.78	473.27
23 05 16 00-0294	EA	10" x 12" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR).....	2,624.73	576.15
23 05 16 00-0295	EA	12" x 12" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR).....	3,060.13	437.77
23 05 16 00-0296	EA	14" x 12" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR).....	3,773.62	823.08
23 05 16 00-0297	EA	16" x 12" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR).....	4,391.86	905.38
23 05 16 00-0298	EA	18" x 12" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR).....	4,862.62	1,004.15
23 05 16 00-0299	EA	20" x 12" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR).....	5,515.03	1,131.73
23 05 16 00-0300	EA	24" x 14" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR).....	6,575.95	1,388.94
23 05 16 00-0301	EA	30" x 14" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR).....	9,708.08	2,263.45
23 05 16 00-0302	EA	36" x 14" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR).....	12,174.83	3,017.94
23 05 16 00-0303	EA	42" x 16" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR).....	16,256.87	4,526.91
23 05 16 00-0304	EA	48" x 16" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR).....	19,217.57	5,658.64
23 05 16 00-0305	EA	60" x 16" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR).....	26,094.08	8,148.43

23 05 16 00-0306 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N) (23 05 16 00-0284)

Note: Butyl 502B, Neoprene 502N. Baked enamel, coated ductile iron backup rings.

23 05 16 00-0307	EA	1-1/2" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N).....	1,081.78	112.57
23 05 16 00-0308	EA	2" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N).....	1,141.72	142.60
23 05 16 00-0309	EA	2-1/2" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N).....	1,225.13	155.55
23 05 16 00-0310	EA	3" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N).....	1,300.16	197.65
23 05 16 00-0311	EA	4" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N).....	1,624.66	331.77
23 05 16 00-0312	EA	5" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N).....	1,948.38	375.64
23 05 16 00-0313	EA	6" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N).....	1,988.28	371.71
23 05 16 00-0314	EA	8" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N).....	2,402.83	473.27
23 05 16 00-0315	EA	10" x 12" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N).....	2,803.99	576.15
23 05 16 00-0316	EA	12" x 12" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N).....	3,250.59	437.77
23 05 16 00-0317	EA	14" x 12" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N).....	4,031.30	823.08
23 05 16 00-0318	EA	16" x 12" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N).....	4,694.35	905.38
23 05 16 00-0319	EA	18" x 12" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N).....	5,198.72	1,004.15
23 05 16 00-0320	EA	20" x 12" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N).....	5,895.94	1,131.73
23 05 16 00-0321	EA	24" x 14" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N).....	7,024.08	1,388.94
23 05 16 00-0322	EA	30" x 14" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N).....	10,369.07	2,263.45
23 05 16 00-0323	EA	36" x 14" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N).....	12,959.05	3,017.94
23 05 16 00-0324	EA	42" x 16" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N).....	17,265.16	4,526.91
23 05 16 00-0325	EA	48" x 16" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N).....	20,382.70	5,658.64
23 05 16 00-0326	EA	60" x 16" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N).....	27,684.94	8,148.43

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 05 16 00-0327	2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joints (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN) <small>(23 05 16 00-0284)</small>		
	Note: Nitrile 502Ni, Nitrile/Neoprene 502NiN, Ethylene Propylene Diene Monomer (EPDM) 502E, Neoprene/Natural 502NR or Natural/Neoprene 502RN. Baked enamel, coated ductile iron backup rings.		
23 05 16 00-0328	EA 1-1/2" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	1,115.39	112.57
23 05 16 00-0329	EA 2" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	1,208.93	142.60
23 05 16 00-0330	EA 2-1/2" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	1,281.15	155.55
23 05 16 00-0331	EA 3" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	1,367.38	197.65
23 05 16 00-0332	EA 4" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	1,714.28	331.77
23 05 16 00-0333	EA 5" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	2,015.60	375.64
23 05 16 00-0334	EA 6" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	2,100.31	371.71
23 05 16 00-0335	EA 8" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	2,492.45	473.27
23 05 16 00-0336	EA 10" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	2,916.02	576.15
23 05 16 00-0337	EA 12" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	3,385.03	437.77
23 05 16 00-0338	EA 14" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	4,165.74	823.08
23 05 16 00-0339	EA 16" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	4,873.60	905.38
23 05 16 00-0340	EA 18" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	5,400.37	1,004.15
23 05 16 00-0341	EA 20" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	6,164.82	1,131.73
23 05 16 00-0342	EA 24" x 14" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	7,270.55	1,388.94
23 05 16 00-0343	EA 30" x 14" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	10,402.68	2,263.45
23 05 16 00-0344	EA 36" x 14" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	13,407.18	3,017.94
23 05 16 00-0345	EA 42" x 16" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	17,892.53	4,526.91
23 05 16 00-0346	EA 48" x 16" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	21,077.30	5,658.64
23 05 16 00-0347	EA 60" x 16" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	28,626.01	8,148.43
23 05 16 00-0348	2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joints (Mercer 502H, 502HN Or 502NH) <small>(23 05 16 00-0284)</small>		
	Note: Hypalon 502H, Hypalon/Neoprene 502HN Or Neoprene/Hypalon 502NH. Baked enamel, coated ductile iron backup rings.		
23 05 16 00-0349	EA 1-1/2" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	1,171.40	112.57
23 05 16 00-0350	EA 2" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	1,231.34	142.60
23 05 16 00-0351	EA 2-1/2" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	1,314.76	155.55
23 05 16 00-0352	EA 3" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	1,423.40	197.65
23 05 16 00-0353	EA 4" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	1,759.09	331.77
23 05 16 00-0354	EA 5" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	2,105.23	375.64
23 05 16 00-0355	EA 6" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	2,189.93	371.71

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 16 Expansion Fittings and Loops for HVAC Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 16 00-0356	EA	8" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	2,582.08	473.27
23 05 16 00-0357	EA	10" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	3,028.05	576.15
23 05 16 00-0358	EA	12" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	3,541.87	437.77
23 05 16 00-0359	EA	14" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	4,322.58	823.08
23 05 16 00-0360	EA	16" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	5,075.26	905.38
23 05 16 00-0361	EA	18" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	5,624.44	1,004.15
23 05 16 00-0362	EA	20" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	6,411.29	1,131.73
23 05 16 00-0363	EA	24" x 14" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	7,528.22	1,388.94
23 05 16 00-0364	EA	30" x 14" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	11,142.09	2,263.45
23 05 16 00-0365	EA	36" x 14" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	13,944.94	3,017.94
23 05 16 00-0366	EA	42" x 16" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	18,519.91	4,526.91
23 05 16 00-0367	EA	48" x 16" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	21,615.05	5,658.64
23 05 16 00-0368	EA	60" x 16" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	29,343.01	8,148.43

23 05 16 00-0369 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V) (23 05 16 00-0284)

Note: Baked enamel, coated ductile iron backup rings.

23 05 16 00-0370	EA	1-1/2" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	1,462.69	112.57
23 05 16 00-0371	EA	2" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	1,589.84	142.60
23 05 16 00-0372	EA	2-1/2" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	1,695.67	155.55
23 05 16 00-0373	EA	3" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	2,252.43	197.65
23 05 16 00-0374	EA	4" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	2,946.63	331.77
23 05 16 00-0375	EA	5" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	3,606.46	375.64
23 05 16 00-0376	EA	6" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	3,915.23	371.71
23 05 16 00-0377	EA	8" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	5,046.78	473.27
23 05 16 00-0378	EA	10" x 12" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	6,680.29	576.15
23 05 16 00-0379	EA	12" x 12" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	7,642.24	437.77
23 05 16 00-0380	EA	14" x 12" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	8,792.66	823.08
23 05 16 00-0381	EA	16" x 12" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	10,766.48	905.38
23 05 16 00-0382	EA	18" x 12" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	11,943.04	1,004.15
23 05 16 00-0383	EA	20" x 12" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	14,029.46	1,131.73
23 05 16 00-0384	EA	24" x 14" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	18,406.53	1,388.94
23 05 16 00-0385	EA	30" x 14" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	30,837.32	2,263.45
23 05 16 00-0386	EA	36" x 14" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	38,726.41	3,017.94
23 05 16 00-0387	EA	42" x 16" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	50,695.50	4,526.91
23 05 16 00-0388	EA	48" x 16" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	59,280.21	5,658.64
23 05 16 00-0389	EA	60" x 16" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	78,525.06	8,148.43

23 05 16 00-0390 Teflon Lined Expansion Joints (Mercer 701) (23 05 16 00-0284)

Note: Natural rubber, neoprene, butyl, ethylene propylene diene monomer (EPDM) Or nitrile. Includes baked enamel coated ductile iron backer rings. Series 701.

23 05 16 00-0391	EA	1-1/2" Teflon Lined Expansion Joint (Mercer 701)	973.19	86.10
		<i>For Hypalon Tube And Cover, Add</i>	16.02	
		<i>For Viton Tube And Cover, Add</i>	801.03	
23 05 16 00-0392	EA	2" Teflon Lined Expansion Joint (Mercer 701)	1,136.11	89.09
		<i>For Hypalon Tube And Cover, Add</i>	19.16	
		<i>For Viton Tube And Cover, Add</i>	957.87	
23 05 16 00-0393	EA	2-1/2" Teflon Lined Expansion Joint (Mercer 701)	1,295.30	97.32
		<i>For Hypalon Tube And Cover, Add</i>	22.01	
		<i>For Viton Tube And Cover, Add</i>	1,100.71	
23 05 16 00-0394	EA	3" Teflon Lined Expansion Joint (Mercer 701)	1,607.70	193.23
		<i>For Hypalon Tube And Cover, Add</i>	24.42	
		<i>For Viton Tube And Cover, Add</i>	1,221.15	
23 05 16 00-0395	EA	4" Teflon Lined Expansion Joint (Mercer 701)	1,974.21	247.68
		<i>For Hypalon Tube And Cover, Add</i>	29.58	
		<i>For Viton Tube And Cover, Add</i>	1,478.82	
23 05 16 00-0396	EA	5" Teflon Lined Expansion Joint (Mercer 701)	2,346.11	269.75
		<i>For Hypalon Tube And Cover, Add</i>	36.13	
		<i>For Viton Tube And Cover, Add</i>	1,806.52	
23 05 16 00-0397	EA	6" Teflon Lined Expansion Joint (Mercer 701)	2,469.38	257.21
		<i>For Hypalon Tube And Cover, Add</i>	39.10	
		<i>For Viton Tube And Cover, Add</i>	1,954.96	
23 05 16 00-0398	EA	8" Teflon Lined Expansion Joint (Mercer 701)	2,962.51	293.74
		<i>For Hypalon Tube And Cover, Add</i>	47.50	
		<i>For Viton Tube And Cover, Add</i>	2,375.08	
23 05 16 00-0399	EA	10" Teflon Lined Expansion Joint (Mercer 701)	3,732.48	349.60
		<i>For Hypalon Tube And Cover, Add</i>	60.67	
		<i>For Viton Tube And Cover, Add</i>	3,033.27	
23 05 16 00-0400	EA	12" Teflon Lined Expansion Joint (Mercer 701)	4,772.05	438.09
		<i>For Hypalon Tube And Cover, Add</i>	77.92	
		<i>For Viton Tube And Cover, Add</i>	3,895.91	
23 05 16 00-0401	EA	14" Teflon Lined Expansion Joint (Mercer 701)	5,359.20	444.56
		<i>For Hypalon Tube And Cover, Add</i>	89.40	
		<i>For Viton Tube And Cover, Add</i>	4,470.08	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0402	EA		16" Teflon Lined Expansion Joint (Mercer 701)..... <i>For Hypalon Tube And Cover, Add</i> <i>For Viton Tube And Cover, Add</i>	6,653.57 110.91 5,545.58	554.03
23 05 16 00-0403	EA		18" Teflon Lined Expansion Joint (Mercer 701)..... <i>For Hypalon Tube And Cover, Add</i> <i>For Viton Tube And Cover, Add</i>	7,412.43 123.07 6,153.36	629.55
23 05 16 00-0404	EA		20" Teflon Lined Expansion Joint (Mercer 701)..... <i>For Hypalon Tube And Cover, Add</i> <i>For Viton Tube And Cover, Add</i>	8,674.61 145.25 7,262.47	706.09
23 05 16 00-0405	EA		24" Teflon Lined Expansion Joint (Mercer 701)..... <i>For Hypalon Tube And Cover, Add</i> <i>For Viton Tube And Cover, Add</i>	11,335.13 191.91 9,595.54	869.79
23 05 16 00-0406			Accessories For Mercer Rubber, Series 451 And 501 <small>(23 05 16 00-0091)</small>		
23 05 16 00-0407			Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints <small>(23 05 16 00-0406)</small>		
23 05 16 00-0408	EA		1-1/2" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	42.57	
23 05 16 00-0409	EA		2" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	53.78	
23 05 16 00-0410	EA		2-1/2" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	60.50	
23 05 16 00-0411	EA		3" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	64.98	
23 05 16 00-0412	EA		4" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	96.35	
23 05 16 00-0413	EA		5" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	118.75	
23 05 16 00-0414	EA		6" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	129.96	
23 05 16 00-0415	EA		8" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	143.40	
23 05 16 00-0416	EA		10" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	183.73	
23 05 16 00-0417	EA		12" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	217.34	
23 05 16 00-0418	EA		14" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	291.28	
23 05 16 00-0419	EA		16" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	313.69	
23 05 16 00-0420	EA		18" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	336.10	
23 05 16 00-0421	EA		20" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	369.71	
23 05 16 00-0422	EA		24" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	459.33	
23 05 16 00-0423	EA		30" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	571.36	
23 05 16 00-0424	EA		36" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	694.60	
23 05 16 00-0425	EA		42" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	985.88	
23 05 16 00-0426	EA		48" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	1,176.34	
23 05 16 00-0427			Control Rods For Mercer 451 And 501 Expansion Joints <small>(23 05 16 00-0406)</small>		
23 05 16 00-0428	SET		1-1/2" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2.....	207.48	
23 05 16 00-0429	SET		2" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2.....	262.41	
23 05 16 00-0430	SET		2-1/2" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2.....	305.12	
23 05 16 00-0431	SET		3" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2.....	366.15	
23 05 16 00-0432	SET		4" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2.....	366.15	
23 05 16 00-0433	SET		5" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2.....	396.66	
23 05 16 00-0434	SET		6" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2.....	457.69	
23 05 16 00-0435	SET		8" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2.....	671.27	
23 05 16 00-0436	SET		10" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 3.....	1,312.03	
23 05 16 00-0437	SET		12" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 3.....	1,800.23	
23 05 16 00-0438	SET		14" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 4.....	2,685.09	
23 05 16 00-0439	SET		16" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 4.....	3,020.73	
23 05 16 00-0440	SET		18" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 5.....	4,027.64	
23 05 16 00-0441	SET		20" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 5.....	4,302.25	
23 05 16 00-0442	SET		24" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 5.....	4,851.47	
23 05 16 00-0443	SET		30" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 5.....	7,109.39	
23 05 16 00-0444	SET		36" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 5.....	10,465.75	
23 05 16 00-0445	SET		42" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 3.....	7,078.88	
23 05 16 00-0446	SET		48" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 4.....	9,306.28	
23 05 16 00-0447	SET		60" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 4.....	14,523.90	
23 05 17			Sleeves and Sleeve Seals for HVAC Piping <small>(23 05)</small>		
23 05 17 00-0001			Wall Seals And Sleeves <small>(23 05 17)</small> Note: Up to 12" walls. Excludes drilling hole.		
23 05 17 00-0002			Ductile Iron Wall Sleeve <small>(23 05 17 00-0001)</small> Note: Includes rubber gasket seal.		
23 05 17 00-0003	EA		3" Ductile Iron Wall Sleeve With Rubber Gasket Seal.....	123.87	50.88
23 05 17 00-0004	EA		4" Ductile Iron Wall Sleeve With Rubber Gasket Seal.....	152.36	59.42
23 05 17 00-0005	EA		6" Ductile Iron Wall Sleeve With Rubber Gasket Seal.....	186.06	71.29
23 05 17 00-0006	EA		8" Ductile Iron Wall Sleeve With Rubber Gasket Seal.....	265.02	106.89
23 05 17 00-0007	EA		10" Ductile Iron Wall Sleeve With Rubber Gasket Seal.....	341.57	142.48
23 05 17 00-0008	EA		12" Ductile Iron Wall Sleeve With Rubber Gasket Seal.....	421.43	178.18
23 05 17 00-0009			Steel Pipe Sleeves <small>(23 05 17 00-0001)</small> Note: Includes link seals 12" length.		
23 05 17 00-0010	EA		2" Steel Pipe Sleeve With Link Seals.....	149.85	51.57
23 05 17 00-0011	EA		2-1/2" Steel Pipe Sleeve With Link Seals.....	188.00	55.90
23 05 17 00-0012	EA		3" Steel Pipe Sleeve With Link Seals.....	223.98	60.23
23 05 17 00-0013	EA		4" Steel Pipe Sleeve With Link Seals.....	278.88	72.26
23 05 17 00-0014	EA		6" Steel Pipe Sleeve With Link Seals.....	410.37	90.24
23 05 17 00-0015	EA		10" Steel Pipe Sleeve With Link Seals.....	963.06	108.34
23 05 17 00-0016	EA		13-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals.....	1,159.68	135.41

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 17 Sleeves and Sleeve Seals for HVAC Piping**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 17 00-0017	EA	17-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals	1,587.95	166.61
23 05 17 00-0018	EA	23-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals	2,244.91	216.66
23 05 17 00-0019	EA	29-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals	2,205.77	270.83

23 05 19 Meters and Gages for HVAC Piping ^(23 05)

See CSI section 33 19 00 00-0000 for water utility service metering.

23 05 19 00-0001 Thermometers ^(23 05 19)**23 05 19 00-0002 Dial Type, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometers**^(23 05 19 00-0001)

Note: Various ranges.

23 05 19 00-0003	EA	2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer	110.97	37.16
23 05 19 00-0004	EA	2-1/2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer	129.33	37.16
23 05 19 00-0005	EA	3-1/2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer	129.33	37.16

23 05 19 00-0006 Liquid Filled Industrial Union Connection Type Thermometers ^(23 05 19 00-0001)

Note: Various ranges.

23 05 19 00-0007	EA	7" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer	147.69	37.16
23 05 19 00-0008	EA	9" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer	147.69	37.16
23 05 19 00-0009	EA	12" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer	186.09	37.16
23 05 19 00-0010	EA	7" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer	152.70	37.16
23 05 19 00-0011	EA	9" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer	161.05	37.16
23 05 19 00-0012	EA	12" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer	191.10	37.16

23 05 19 00-0013 Liquid Filled Industrial Separable Socket Type Thermometers ^(23 05 19 00-0001)

Note: Various ranges. Socket connection for thermowell.

23 05 19 00-0014	EA	7" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer	147.69	37.16
23 05 19 00-0015	EA	9" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer	147.69	37.16
23 05 19 00-0016	EA	12" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer	186.09	37.16
23 05 19 00-0017	EA	7" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer	169.40	37.16
23 05 19 00-0018	EA	9" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer	186.09	37.16
23 05 19 00-0019	EA	12" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer	190.35	37.16

23 05 19 00-0020 1" NPT, 304 Stainless Steel Thermowells ^(23 05 19 00-0001)

23 05 19 00-0021	EA	4" Long, 1" NPT, 304 Stainless Steel Thermowell	168.96	69.67
23 05 19 00-0022	EA	8" Long, 1" NPT, 304 Stainless Steel Thermowell	168.89	69.67

23 05 19 00-0023 Pressure Gauges ^(23 05 19)**23 05 19 00-0024 Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges** ^(23 05 19 00-0023)

23 05 19 00-0025	EA	2" Diameter Dial, Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	39.71	14.51
23 05 19 00-0026	EA	4" Diameter Dial, Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	49.56	14.51

23 05 19 00-0027 Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges ^(23 05 19 00-0023)

23 05 19 00-0028	EA	3-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	299.36	14.51
23 05 19 00-0029	EA	4-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	299.36	14.51
23 05 19 00-0030	EA	6" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	391.17	14.51
23 05 19 00-0031	EA	8-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	931.83	14.51

23 05 19 00-0032 Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges ^(23 05 19 00-0023)

Note: Liquid filled.

23 05 19 00-0033	EA	2-1/2" Diameter Dial, Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	142.05	14.51
23 05 19 00-0034	EA	4" Diameter Dial, Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	322.78	14.51

23 05 19 00-0035 Steel Case, 0 To 10K PSI High Pressure, Pressure Gauges ^(23 05 19 00-0023)

23 05 19 00-0036	EA	4-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge	327.86	14.51
23 05 19 00-0037	EA	6-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge	327.86	14.51
23 05 19 00-0038	EA	8-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge	327.86	14.51

23 05 19 00-0039 Gauge Accessories ^(23 05 19 00-0023)

23 05 19 00-0040	EA	Pete's Plug (Valve Cock For Removable Pressure Gauge Or Thermometer)	89.27	11.61
23 05 19 00-0041	EA	1/4" Snubber Valve	55.22	11.61
23 05 19 00-0042	EA	1/4" Female Pipe Thread, Brass Gauge Cock	34.79	17.42
23 05 19 00-0043	EA	1/4" Male Pipe Thread, Brass Gauge Cock	30.04	17.42
23 05 19 00-0044	EA	1/4" Pressure Pigtail Steam Siphon	43.98	17.42
23 05 19 00-0045	EA	1/4" x 3" Long Black Steel Nipple	8.33	5.80
23 05 19 00-0046	EA	1/4" Steel Thread-O-Let	66.40	29.03
23 05 19 00-0047	EA	1/4", 300 LB, Black Steel Union	114.89	11.61
23 05 19 00-0048	EA	1/4" Black Steel Coupling	26.62	11.61
23 05 19 00-0049	EA	1/4", 300 LB, Black Steel Plug	14.71	6.97
23 05 19 00-0050	EA	1/4", 150 LB, Black Steel Cap	15.84	6.97
23 05 19 00-0051	LF	1/4" Schedule 40, Threaded And Coupled, Black Steel Pipe	10.18	3.83
23 05 19 00-0052	LF	1/4" Schedule 80, Plain End, Black Steel Pipe	10.19	3.83
23 05 19 00-0053	LF	1/4" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe	9.11	
23 05 19 00-0054	EA	1/4" Threaded, 800 LB, Forged Steel, Ball Valve	109.28	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0055		Valve Lock Covers (23 05 19)		
23 05 19 00-0056	EA	Valve Lock Cover.....	85.75	17.77
23 05 19 00-0057		Venturi Flowmeters (23 05 19)		
23 05 19 00-0058		Threaded, Brass, Venturi Flowmeters (23 05 19 00-0057)		
23 05 19 00-0059	EA	3/4" Threaded, Brass, Venturi Flowmeter <i>For Portable Venturi Flow Meter, Add</i>	296.19 995.00	78.96
23 05 19 00-0060	EA	1" Threaded, Brass, Venturi Flowmeter <i>For Portable Venturi Flow Meter, Add</i>	327.44 995.00	94.75
23 05 19 00-0061	EA	1-1/4" Threaded, Brass, Venturi Flowmeter <i>For Portable Venturi Flow Meter, Add</i>	361.18 995.00	105.32
23 05 19 00-0062	EA	1-1/2" Threaded, Brass, Venturi Flowmeter <i>For Portable Venturi Flow Meter, Add</i>	407.07 995.00	118.45
23 05 19 00-0063	EA	2" Threaded, Brass, Venturi Flowmeter <i>For Portable Venturi Flow Meter, Add</i>	484.36 995.00	135.40
23 05 19 00-0064	EA	2-1/2" Threaded, Brass, Venturi Flowmeter <i>For Portable Venturi Flow Meter, Add</i>	657.01 995.00	182.36
23 05 19 00-0065		Butt Weld, Carbon Steel, Venturi Flowmeters (23 05 19 00-0057)		
23 05 19 00-0066	EA	3" Butt Weld, Carbon Steel, Venturi Flowmeter <i>For Portable Venturi Flow Meter, Add</i> <i>For Flanged Ends, Add</i>	2,164.78 995.00 643.92	162.50
23 05 19 00-0067	EA	4" Butt Weld, Carbon Steel, Venturi Flowmeter <i>For Portable Venturi Flow Meter, Add</i> <i>For Flanged Ends, Add</i>	3,027.02 995.00 922.96	195.00
23 05 19 00-0068	EA	5" Butt Weld, Carbon Steel, Venturi Flowmeter <i>For Portable Venturi Flow Meter, Add</i> <i>For Flanged Ends, Add</i>	3,983.09 995.00 1,223.46	243.75
23 05 19 00-0069	EA	6" Butt Weld, Carbon Steel, Venturi Flowmeter <i>For Portable Venturi Flow Meter, Add</i> <i>For Flanged Ends, Add</i>	4,697.52 995.00 1,416.64	325.00
23 05 19 00-0070	EA	8" Butt Weld, Carbon Steel, Venturi Flowmeter <i>For Portable Venturi Flow Meter, Add</i> <i>For Flanged Ends, Add</i>	6,973.93 995.00 2,167.88	390.00
23 05 19 00-0071	EA	10" Butt Weld, Carbon Steel, Venturi Flowmeter <i>For Portable Venturi Flow Meter, Add</i> <i>For Flanged Ends, Add</i>	11,584.41 995.00 3,713.30	487.50
23 05 19 00-0072	EA	12" Butt Weld, Carbon Steel, Venturi Flowmeter <i>For Portable Venturi Flow Meter, Add</i> <i>For Flanged Ends, Add</i>	17,419.30 995.00 5,623.61	675.93
23 05 19 00-0073	EA	14" Butt Weld, Carbon Steel, Venturi Flowmeter <i>For Portable Venturi Flow Meter, Add</i> <i>For Flanged Ends, Add</i>	24,350.49 995.00 7,812.95	1,013.89
23 05 19 00-0074	EA	16" Butt Weld, Carbon Steel, Venturi Flowmeter <i>For Portable Venturi Flow Meter, Add</i> <i>For Flanged Ends, Add</i>	36,902.36 995.00 12,127.24	1,126.54
23 05 19 00-0075		Turbine Flowmeter (23 05 19)		
23 05 19 00-0076	EA	Saddle Mount Turbine Flowmeter.....	1,564.89	87.09
23 05 19 00-0077		Sight Flow Indicator (23 05 19)		
23 05 19 00-0078		Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (23 05 19 00-0077)		
23 05 19 00-0079	EA	1/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	167.08	16.90
23 05 19 00-0080	EA	3/8" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	174.50	17.79
23 05 19 00-0081	EA	1/2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	188.80	18.69
23 05 19 00-0082	EA	3/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	210.85	25.19
23 05 19 00-0083	EA	1" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	251.98	30.53
23 05 19 00-0084	EA	1-1/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	285.21	38.65
23 05 19 00-0085	EA	1-1/2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	405.55	44.68
23 05 19 00-0086	EA	2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	448.89	52.81
23 05 19 00-0087		Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (23 05 19 00-0077)		
23 05 19 00-0088	EA	1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	217.91	16.90
23 05 19 00-0089	EA	3/8" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	224.20	17.79
23 05 19 00-0090	EA	1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	241.89	18.69

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 19 Meters and Gages for HVAC Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 19 00-0091	EA	3/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300).....	256.03	25.19
23 05 19 00-0092	EA	1" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300).....	271.18	30.53
23 05 19 00-0093	EA	1-1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300).....	293.11	38.65
23 05 19 00-0094	EA	1-1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300).....	559.16	44.68
23 05 19 00-0095	EA	2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300).....	597.98	52.81
23 05 19 00-0096		Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (23 05 19 00-0077)		
23 05 19 00-0097	EA	1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS).....	316.18	16.90
23 05 19 00-0098	EA	3/8" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS).....	333.76	17.79
23 05 19 00-0099	EA	1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS).....	362.75	18.69
23 05 19 00-0100	EA	3/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS).....	393.83	25.19
23 05 19 00-0101	EA	1" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS).....	451.90	30.53
23 05 19 00-0102	EA	1-1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS).....	477.22	38.65
23 05 19 00-0103	EA	1-1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS).....	965.78	44.68
23 05 19 00-0104	EA	2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS).....	1,015.90	52.81
23 05 19 00-0105		Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicators (23 05 19 00-0077)		
23 05 19 00-0106	EA	1/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360).....	214.52	16.90
23 05 19 00-0107	EA	3/8" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360).....	223.07	17.79
23 05 19 00-0108	EA	1/2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360).....	236.24	18.69
23 05 19 00-0109	EA	3/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360).....	254.90	25.19
23 05 19 00-0110	EA	1" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360).....	270.05	30.53
23 05 19 00-0111	EA	1-1/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360).....	293.11	38.65
23 05 19 00-0112	EA	1-1/2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360).....	552.39	44.68
23 05 19 00-0113	EA	2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360).....	588.95	52.81
23 05 19 00-0114		Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicators (23 05 19 00-0077)		
23 05 19 00-0115	EA	1/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS).....	313.92	16.90
23 05 19 00-0116	EA	3/8" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS).....	338.28	17.79
23 05 19 00-0117	EA	1/2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS).....	369.52	18.69
23 05 19 00-0118	EA	3/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS).....	393.83	25.19
23 05 19 00-0119	EA	1" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS).....	451.90	30.53
23 05 19 00-0120	EA	1-1/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS).....	481.74	38.65
23 05 19 00-0121	EA	1-1/2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS).....	965.78	44.68
23 05 19 00-0122	EA	2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS).....	1,015.90	52.81
23 05 19 00-0123		Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicators (23 05 19 00-0077)		
23 05 19 00-0124	EA	1" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400).....	460.93	30.53
23 05 19 00-0125	EA	1-1/4" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400).....	517.88	38.65
23 05 19 00-0126	EA	1-1/2" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400).....	588.53	44.68
23 05 19 00-0127	EA	2" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400).....	661.23	52.81
23 05 19 00-0128		Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicators (23 05 19 00-0077)		
23 05 19 00-0129	EA	1-1/2" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS).....	1,013.96	121.87
23 05 19 00-0130	EA	2" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS).....	1,131.50	154.73
23 05 19 00-0131	EA	3" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS).....	1,669.23	181.71
23 05 19 00-0132	EA	4" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS).....	2,517.06	304.62
23 05 19 00-0133	EA	6" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS).....	4,070.82	359.79
23 05 19 00-0134		Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicators (23 05 19 00-0077)		
23 05 19 00-0135	EA	1" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F).....	778.16	87.05
23 05 19 00-0136	EA	1-1/4" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F).....	919.07	101.56
23 05 19 00-0137	EA	1-1/2" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F).....	990.81	121.87
23 05 19 00-0138	EA	2" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F).....	1,241.63	154.73
23 05 19 00-0139	EA	3" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F).....	1,804.20	181.71
23 05 19 00-0140	EA	4" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F).....	2,663.33	304.62
23 05 19 00-0141		Flowmeters (23 05 19)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0142			Polyvinyl Chloride (PVC) Turbine Flowmeters <small>(23 05 19 00-0141)</small>		
23 05 19 00-0143	EA		2", Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100).....	2,825.03	199.61
23 05 19 00-0144	EA		3", Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100).....	3,362.35	212.85
23 05 19 00-0145	EA		4", Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100).....	3,890.79	221.78
23 05 19 00-0146	EA		6", Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100).....	4,924.90	228.06
23 05 19 00-0147	EA		2", Flanged, Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100).....	2,874.76	154.79
23 05 19 00-0148	EA		3", Flanged, Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100).....	3,566.68	197.41
23 05 19 00-0149	EA		4", Flanged, Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100).....	4,372.71	330.94
23 05 19 00-0150	EA		6", Flanged, Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100).....	5,759.19	418.03
23 05 19 00-0151	EA		2", Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP101).....	4,791.27	199.61
			<i>For Analog Output, Add</i>	75.00	
23 05 19 00-0152	EA		3", Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP101).....	5,328.59	212.85
			<i>For Analog Output, Add</i>	75.00	
23 05 19 00-0153	EA		4", Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP101).....	5,857.03	221.78
			<i>For Analog Output, Add</i>	75.00	
23 05 19 00-0154	EA		6", Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP101).....	6,891.14	228.06
			<i>For Analog Output, Add</i>	75.00	
23 05 19 00-0155	EA		2", Flanged, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametric WTP101).....	4,840.99	154.79
			<i>For Analog Output, Add</i>	75.00	
23 05 19 00-0156	EA		3", Flanged, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametric WTP101).....	5,532.91	197.41
			<i>For Analog Output, Add</i>	75.00	
23 05 19 00-0157	EA		4", Flanged, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametric WTP101).....	6,338.95	330.94
			<i>For Analog Output, Add</i>	75.00	
23 05 19 00-0158	EA		6", Flanged, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametric WTP101).....	7,725.42	418.03
			<i>For Analog Output, Add</i>	75.00	
23 05 19 00-0159	EA		2", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102).....	4,280.56	199.61
23 05 19 00-0160	EA		3", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102).....	4,817.88	212.85
23 05 19 00-0161	EA		4", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102).....	5,346.32	221.78
23 05 19 00-0162	EA		6", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102).....	6,380.43	228.06
23 05 19 00-0163	EA		2", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102).....	4,535.91	199.72
23 05 19 00-0164	EA		3", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102).....	5,200.91	213.08
23 05 19 00-0165	EA		4", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102).....	5,857.03	221.78
23 05 19 00-0166	EA		6", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102).....	7,146.49	228.18
23 05 19 00-0167	EA		2", Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104).....	5,250.90	199.61
23 05 19 00-0168	EA		3", Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104).....	5,788.23	212.85
23 05 19 00-0169	EA		4", Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104).....	6,316.66	221.78
23 05 19 00-0170	EA		6", Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104).....	7,350.77	228.06
23 05 19 00-0171	EA		2", Flanged, Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104).....	5,300.63	154.79
23 05 19 00-0172	EA		3", Flanged, Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104).....	5,992.55	197.41
23 05 19 00-0173	EA		4", Flanged, Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104).....	6,798.59	330.94
23 05 19 00-0174	EA		6", Flanged, Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104).....	8,185.06	418.03
23 05 19 00-0175			Flanged, Main Line Flowmeters <small>(23 05 19 00-0141)</small>		
			Note: Six digit totalizer with rate indicator. AWWA Standard #C704-70.		
23 05 19 00-0176			150 LB, Flanged, Main Line Flow Meters <small>(23 05 19 00-0175)</small>		
23 05 19 00-0177	EA		2" x 14" Long, 150 LB, Flanged, Main Line Flow Meter.....	6,662.16	154.79
			<i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	165.00	
23 05 19 00-0178	EA		2-1/2" x 16" Long, 150 LB, Flanged, Main Line Flow Meter.....	6,679.75	168.90
			<i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	165.00	
23 05 19 00-0179	EA		3" x 16" Long, 150 LB, Flanged, Main Line Flow Meter.....	6,715.69	197.65
			<i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	165.00	
23 05 19 00-0180	EA		4" x 20" Long, 150 LB, Flanged, Main Line Flow Meter.....	8,088.58	331.77
			<i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	165.00	
23 05 19 00-0181	EA		6" x 22" Long, 150 LB, Flanged, Main Line Flow Meter.....	9,418.77	418.03
			<i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	165.00	
23 05 19 00-0182	EA		8" x 24" Long, 150 LB, Flanged, Main Line Flow Meter.....	11,297.10	534.15
			<i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	165.00	
23 05 19 00-0183	EA		10" x 26" Long, 150 LB, Flanged, Main Line Flow Meter.....	14,046.86	637.48
			<i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	165.00	
23 05 19 00-0184	EA		12" x 28" Long, 150 LB, Flanged, Main Line Flow Meter.....	16,130.55	774.09
			<i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	165.00	
23 05 19 00-0185	EA		14" x 42" Long, 150 LB, Flanged, Main Line Flow Meter.....	19,735.68	910.69
			<i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	165.00	
23 05 19 00-0186	EA		16" x 48" Long, 150 LB, Flanged, Main Line Flow Meter.....	22,366.79	1,001.76
			<i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	165.00	
23 05 19 00-0187	EA		18" x 54" Long, 150 LB, Flanged, Main Line Flow Meter.....	25,043.55	1,111.05
			<i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	165.00	
23 05 19 00-0188	EA		20" x 60" Long, 150 LB, Flanged, Main Line Flow Meter.....	28,850.96	1,252.21
			<i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	165.00	
23 05 19 00-0189	EA		24" x 60" Long, 150 LB, Flanged, Main Line Flow Meter.....	38,505.37	1,536.80
			<i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	165.00	
23 05 19 00-0190	EA		30" x 60" Long, 150 LB, Flanged, Main Line Flow Meter.....	48,655.01	2,504.41
			<i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	165.00	
23 05 19 00-0191	EA		36" x 60" Long, 150 LB, Flanged, Main Line Flow Meter.....	58,791.22	3,339.22
			<i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	165.00	
23 05 19 00-0192			300 LB, Flanged, Main Line Flow Meters <small>(23 05 19 00-0175)</small>		
23 05 19 00-0193	EA		2" x 20" Long, 300 LB, Flanged, Main Line Flow Meter.....	7,562.27	154.83
			<i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	165.00	
23 05 19 00-0194	EA		2-1/2" x 20" Long, 300 LB, Flanged, Main Line Flow Meter.....	7,579.86	168.90
			<i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	165.00	
23 05 19 00-0195	EA		3" x 20" Long, 300 LB, Flanged, Main Line Flow Meter.....	7,615.80	197.65
			<i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	165.00	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 19 Meters and Gages for HVAC Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 19 00-0196	EA	4" x 24" Long, 300 LB, Flanged, Main Line Flow Meter <i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	8,782.74 165.00	330.94
23 05 19 00-0197	EA	6" x 26" Long, 300 LB, Flanged, Main Line Flow Meter <i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	10,608.76 165.00	418.03
23 05 19 00-0198	EA	8" x 28" Long, 300 LB, Flanged, Main Line Flow Meter <i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	13,227.01 165.00	534.15
23 05 19 00-0199	EA	10" x 30" Long, 300 LB, Flanged, Main Line Flow Meter <i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	17,830.40 165.00	637.48
23 05 19 00-0200	EA	12" x 32" Long, 300 LB, Flanged, Main Line Flow Meter <i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	22,583.93 165.00	774.09
23 05 19 00-0201	EA	14" x 42" Long, 300 LB, Flanged, Main Line Flow Meter <i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	27,043.40 165.00	910.69
23 05 19 00-0202	EA	16" x 48" Long, 300 LB, Flanged, Main Line Flow Meter <i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	31,139.11 165.00	1,001.76

23 05 19 00-0203 Adjustable, Insertion Turbine Flowmeters (23 05 19 00-0141)

23 05 19 00-0204	EA	For 1-1/2" To 3" Pipe, Probe Assembly With Display, Adjustable, Insertion Turbine Flowmeter	5,610.05	116.12
23 05 19 00-0205	EA	For 1-1/2" To 10" Pipe, Probe Assembly With Display, Adjustable, Insertion Turbine Flowmeter	5,762.61	116.12
23 05 19 00-0206	EA	For 1-1/2" To 3" Pipe, Probe Assembly With 4-20mA Transmitter, Adjustable, Insertion Turbine Flowmeter	4,731.12	232.24
23 05 19 00-0207	EA	For 1-1/2" To 10" Pipe, Probe Assembly With 4-20mA Transmitter, Adjustable, Insertion Turbine Flowmeter	4,999.80	116.12
23 05 19 00-0208	EA	For 1-1/2" To 3" Pipe, Probe Assembly With Display And 4-20mA Transmitter, Adjustable, Insertion Turbine Flowmeter	6,677.98	116.12
23 05 19 00-0209	EA	For 1-1/2" To 10" Pipe, Probe Assembly With Display And 4-20mA Transmitter, Adjustable, Insertion Turbine Flowmeter	6,830.55	116.12

23 05 19 00-0210 Epoxy Coated Cast Iron High-Volume Turbine Meters (23 05 19 00-0141)

Note: AWWA C-701, Class II.

23 05 19 00-0211 Meters With Mechanical Display (23 05 19 00-0210)

23 05 19 00-0212	EA	2", 4.4 To 175 GPM Mechanical Display, Epoxy Coated Cast Iron High-Volume Turbine Meter (Master Meter)	4,884.48	199.72
23 05 19 00-0213	EA	3", 6 To 330 GPM Mechanical Display, Epoxy Coated Cast Iron High-Volume Turbine Meter (Master Meter)	6,062.94	213.08
23 05 19 00-0214	EA	4", 9 To 440 GPM Mechanical Display, Epoxy Coated Cast Iron High-Volume Turbine Meter (Master Meter)	7,743.59	221.78
23 05 19 00-0215	EA	6", 35 To 1,150 GPM Mechanical Display, Epoxy Coated Cast Iron High-Volume Turbine Meter (Master Meter)	11,135.53	228.18
23 05 19 00-0216	EA	8", 37 To 2,000 GPM Mechanical Display, Epoxy Coated Cast Iron High-Volume Turbine Meter (Master Meter)	15,810.54	246.75

23 05 19 00-0217 Electrical Output, Epoxy Coated Cast Iron High-Volume Turbine Meters (23 05 19 00-0210)

23 05 19 00-0218	EA	2", Electrical Output, Epoxy Coated Cast Iron High-Volume Turbine Meter	5,448.96	199.72
23 05 19 00-0219	EA	3", Electrical Output, Epoxy Coated Cast Iron High-Volume Turbine Meter	6,642.67	213.08
23 05 19 00-0220	EA	4", Electrical Output, Epoxy Coated Cast Iron High-Volume Turbine Meter	8,399.61	221.78
23 05 19 00-0221	EA	6", Electrical Output, Epoxy Coated Cast Iron High-Volume Turbine Meter	11,730.52	228.18
23 05 19 00-0222	EA	8", Electrical Output, Epoxy Coated Cast Iron High-Volume Turbine Meter	16,367.40	246.75

23 05 19 00-0223 Bronze High-Volume Turbine Meters (23 05 19 00-0141)

Note: AWWA C-701, Class II.

23 05 19 00-0224 Mechanical Display, Bronze High-Volume Turbine Meters (23 05 19 00-0223)

23 05 19 00-0225	EA	1-1/2", 3 To 160 GPM Mechanical Display, Bronze High-Volume Turbine Meter (Master Meter)	3,704.59	174.18
23 05 19 00-0226	EA	2", 4 To 350 GPM Mechanical Display, Bronze High-Volume Turbine Meter (Master Meter)	4,274.23	199.72
23 05 19 00-0227	EA	3", 5 To 530 GPM Mechanical Display, Bronze High-Volume Turbine Meter (Master Meter)	6,574.02	213.08
23 05 19 00-0228	EA	4", 9 To 1,350 GPM Mechanical Display, Bronze High-Volume Turbine Meter (Master Meter)	9,841.32	221.78
23 05 19 00-0229	EA	6", 25 To 2,700 GPM Mechanical Display, Bronze High-Volume Turbine Meter (Master Meter)	18,000.82	228.18

23 05 19 00-0230 Electrical Output, Bronze High-Volume Turbine Meters (23 05 19 00-0223)

23 05 19 00-0231	EA	1-1/2", 3 To 160 GPM Electrical Output, Bronze High-Volume Turbine Meter	4,284.33	174.18
23 05 19 00-0232	EA	2", 4 To 350 GPM Electrical Output, Bronze High-Volume Turbine Meter	4,861.60	199.72
23 05 19 00-0233	EA	3", 5 To 530 GPM Electrical Output, Bronze High-Volume Turbine Meter	7,153.75	213.08
23 05 19 00-0234	EA	4", 9 To 1,350 GPM Electrical Output, Bronze High-Volume Turbine Meter	10,421.05	221.78
23 05 19 00-0235	EA	6", 25 To 2,700 GPM Electrical Output, Bronze High-Volume Turbine Meter	19,053.50	228.18

23 05 19 00-0236 Multi-Jet Meters (23 05 19 00-0141)**23 05 19 00-0237 Hostile Environment Multi-Jet Meters (23 05 19 00-0236)**

Note: Wetted materials are Viton, PP, 316 stainless steel and electroless-nickel plated bronze. AWWA C-708, Class II.

23 05 19 00-0238	EA	1/2", 1 To 20 GPM Hostile Environment Multi-Jet Meter (Master Meter)	2,422.02	36.57
23 05 19 00-0239	EA	3/4", 1 To 30 GPM Hostile Environment Multi-Jet Meter (Master Meter)	2,820.00	48.19
23 05 19 00-0240	EA	1", 1 To 50 GPM Hostile Environment Multi-Jet Meter (Master Meter)	3,466.91	55.16
23 05 19 00-0241	EA	1-1/2", 5 To 100 GPM Hostile Environment Multi-Jet Meter (Master Meter)	5,835.71	72.57
23 05 19 00-0242	EA	2", 8 To 160 GPM Hostile Environment Multi-Jet Meter (Master Meter)	8,350.84	83.03

23 05 19 00-0243 High-Pressure Multi-Jet Meters (23 05 19 00-0236)

Note: Wetted materials are bronze, glass-filled Noryl, PP and nylon. AWWA C-708, Class II.

23 05 19 00-0244	EA	3/4", 1 To 30 GPM High-Pressure Multi-Jet Meter (Master Meter)	7,305.32	48.19
23 05 19 00-0245	EA	1", 1 To 50 GPM High-Pressure Multi-Jet Meter (Master Meter)	10,469.51	55.16
23 05 19 00-0246	EA	1-1/2", 5 To 100 GPM High-Pressure Multi-Jet Meter (Master Meter)	19,116.23	72.57
23 05 19 00-0247	EA	2", 8 To 160 GPM High-Pressure Multi-Jet Meter (Master Meter)	24,240.17	83.03

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 05 19 00-0248			Flanged, 150 LB, 4-20 mA Output, Fabricated Steel Body, Main Propeller Meters <small>(23 05 19 00-0141)</small>		
23 05 19 00-0249	EA		3", 45 To 250 GPM, Flanged, 150 LB, 4-20 mA Output, Fabricated Steel Body, Main Propeller Meter	8,498.77	390.93
23 05 19 00-0250	EA		4", 55 To 500 GPM, Flanged, 150 LB, 4-20 mA Output, Fabricated Steel Body, Main Propeller Meter	9,187.03	330.94
23 05 19 00-0251	EA		6", 120 To 1,200 GPM, Flanged, 150 LB, 4-20 mA Output, Fabricated Steel Body, Main Propeller Meter.....	10,059.53	418.03
23 05 19 00-0252	EA		8", 150 To 1,500 GPM, Flanged, 150 LB, 4-20 mA Output, Fabricated Steel Body, Main Propeller Meter.....	12,487.09	534.15

23 05 19 00-0253			In-Line Flowmeters <small>(23 05 19 00-0141)</small>		
23 05 19 00-0254			Standard Flowmeter, Polyvinyl Chloride (PVC), Brass, 316 Stainless Steel, Viton <small>(23 05 19 00-0253)</small>		
23 05 19 00-0255	EA		3/4" In Line Flowmeter	879.56	48.19
23 05 19 00-0256	EA		1" In Line Flowmeter	893.50	55.16
23 05 19 00-0257	EA		1-1/2" In Line Flowmeter.....	1,334.07	72.57
23 05 19 00-0258	EA		3/4" In Line Flowmeter With SPDP Switch.....	1,229.15	48.19
23 05 19 00-0259	EA		1" In Line Flowmeter With SPDP Switch.....	1,243.09	55.16
23 05 19 00-0260	EA		1-1/2" In Line Flowmeter With SPDP Switch	1,844.69	72.57

23 05 19 00-0261			Water Flow Switches <small>(23 05 19)</small>		
23 05 19 00-0262	EA		Flexible Paddle, Single Switch, Brass Body, Water Flow Switch (Taco IFS01BF-1)	285.30	34.22
23 05 19 00-0263	EA		Rigid Paddle, Single Switch, Brass Body, Water Flow Switch (Taco IFS01BR-1)	295.63	34.22
23 05 19 00-0264	EA		Flexible Paddle, Double Switch, Brass Body, Water Flow Switch (Taco IFS02BF-1).....	382.87	34.22
23 05 19 00-0265	EA		Rigid Paddle, Double Switch, Brass Body, Water Flow Switch (Taco IFS02BR-1).....	396.08	34.22
23 05 19 00-0266	EA		Flexible Paddle, High Current Single Switch, Brass Body, Water Flow Switch (Taco IFSH1BF-1).....	308.84	34.22
23 05 19 00-0267	EA		Rigid Paddle, High Current Single Switch, Brass Body, Water Flow Switch (Taco IFSH1BR-1).....	320.88	34.22
23 05 19 00-0268	EA		Flexible Paddle, High Current Double Switch, Brass Body, Water Flow Switch (Taco IFSH2BF-1).....	406.42	34.22
23 05 19 00-0269	EA		Rigid Paddle, High Current Double Switch, Brass Body, Water Flow Switch (Taco IFSH2BR-1).....	418.46	34.22
23 05 19 00-0270	EA		Flexible Paddle, Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS01SF-1).....	806.43	34.22
23 05 19 00-0271	EA		Rigid Paddle, Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS01SR-1).....	818.11	34.22
23 05 19 00-0272	EA		Flexible Paddle, Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS02SF-1)	929.01	34.22
23 05 19 00-0273	EA		Rigid Paddle, Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS02SR-1)	945.06	34.22
23 05 19 00-0274	EA		Flexible Paddle, High Current Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH1SF-1).....	834.16	34.22
23 05 19 00-0275	EA		Rigid Paddle, High Current Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH1SR-1).....	850.21	34.22
23 05 19 00-0276	EA		Flexible Paddle, High Current Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH2SF-1).....	956.74	34.22
23 05 19 00-0277	EA		Rigid Paddle, High Current Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH2SR-1)	974.25	34.22

23 05 23 General-Duty Valves For HVAC Piping (23 05)

Note: Flanged valves exclude bolt and gasket sets. See CSI section 22 05 23 00-0000 for additional valves, 23 21 13 23-0713 for bolt and gasket sets.

23 05 23 00-0001			Triple Duty Valves <small>(23 05 23)</small>		
23 05 23 00-0002			Straight Pattern, Triple Duty Valves <small>(23 05 23 00-0001)</small>		
23 05 23 00-0003	EA		1" Threaded, Straight Pattern, Triple Duty Valve	306.92	12.18
23 05 23 00-0004	EA		1-1/4" Threaded, Straight Pattern, Triple Duty Valve	355.65	15.44
23 05 23 00-0005	EA		1-1/2" Threaded, Straight Pattern, Triple Duty Valve	386.15	17.87
23 05 23 00-0006	EA		2" Flanged, Straight Pattern, Triple Duty Valve	1,000.63	154.73
23 05 23 00-0007	EA		2-1/2" Flanged, Straight Pattern, Triple Duty Valve	1,126.77	154.98
23 05 23 00-0008	EA		3" Flanged, Straight Pattern, Triple Duty Valve	1,234.07	181.71
23 05 23 00-0009	EA		4" Flanged, Straight Pattern, Triple Duty Valve	2,524.94	304.62
23 05 23 00-0010	EA		5" Flanged, Straight Pattern Triple Duty Valve	2,932.36	323.80
23 05 23 00-0011	EA		6" Flanged, Straight Pattern, Triple Duty Valve	3,902.73	359.79
23 05 23 00-0012	EA		8" Flanged, Straight Pattern, Triple Duty Valve	5,256.43	459.72
23 05 23 00-0013	EA		10" Flanged, Straight Pattern, Triple Duty Valve	8,437.36	559.66

23 05 23 00-0014			Flanged, Angle Pattern, Triple Duty Valves <small>(23 05 23 00-0001)</small>		
23 05 23 00-0015	EA		2" Flanged, Angle Pattern, Triple Duty Valve.....	977.43	154.73
23 05 23 00-0016	EA		2-1/2" Flanged, Angle Pattern, Triple Duty Valve	1,098.94	154.98
23 05 23 00-0017	EA		3" Flanged, Angle Pattern, Triple Duty Valve.....	1,210.88	181.71
23 05 23 00-0018	EA		4" Flanged, Angle Pattern, Triple Duty Valve.....	2,464.63	304.62
23 05 23 00-0019	EA		5" Flanged, Angle Pattern, Triple Duty Valve.....	2,858.14	323.80
23 05 23 00-0020	EA		6" Flanged, Angle Pattern, Triple Duty Valve.....	3,206.88	359.79
23 05 23 00-0021	EA		8" Flanged, Angle Pattern, Triple Duty Valve.....	4,927.06	459.72
23 05 23 00-0022	EA		10" Flanged, Angle Pattern, Triple Duty Valve.....	6,586.41	559.66

23 05 23 00-0023			Balanced, Straight Pattern, Triple Duty Valves <small>(23 05 23 00-0001)</small>		
23 05 23 00-0024	EA		3" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	1,132.02	181.71
23 05 23 00-0025	EA		4" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	2,255.88	304.62
23 05 23 00-0026	EA		5" Flanged, Balanced, Straight Pattern, Triple Duty Valve	2,621.55	323.80
23 05 23 00-0027	EA		6" Flanged, Balanced, Straight Pattern, Triple Duty Valve	3,480.58	359.79
23 05 23 00-0028	EA		8" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	4,681.20	459.72
23 05 23 00-0029	EA		10" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	7,477.09	559.66
23 05 23 00-0030	EA		12" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	11,257.96	679.58
23 05 23 00-0031	EA		14" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	13,684.05	799.51
23 05 23 00-0032	EA		16" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	17,146.43	879.47

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 23 General-Duty Valves For HVAC Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0033			Grooved Straight Pattern, Triple Duty Valves (23 05 23 00-0001) Note: Bell & Gossett 3DS-G Series.		
23 05 23 00-0034	EA		2" Grooved, Straight Pattern, Triple Duty Valve.....	1,062.94	28.67
23 05 23 00-0035	EA		2-1/2" Grooved, Straight Pattern, Triple Duty Valve.....	1,267.04	34.20
23 05 23 00-0036	EA		3" Grooved, Straight Pattern, Triple Duty Valve.....	1,475.10	37.09
23 05 23 00-0037	EA		4" Grooved, Straight Pattern, Triple Duty Valve.....	2,449.45	39.97
23 05 23 00-0038	EA		5" Grooved, Straight Pattern, Triple Duty Valve.....	2,836.14	50.97
23 05 23 00-0039	EA		6" Grooved, Straight Pattern Triple Duty Valve.....	3,781.27	65.36
23 05 23 00-0040	EA		8" Grooved, Straight Pattern Triple Duty Valve.....	5,143.27	82.95
23 05 23 00-0041	EA		10" Grooved, Straight Pattern Triple Duty Valve.....	8,118.93	92.94
23 05 23 00-0042	EA		12" Grooved, Straight Pattern Triple Duty Valve.....	12,893.21	113.33
23 05 23 00-0043			Plug Valves (23 05 23)		
23 05 23 00-0044			Plug Valves, Lubricated, Semisteel Screwed, Wrench Operated (23 05 23 00-0043) Note: Includes wrench.		
23 05 23 00-0045	EA		1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	295.49	11.61
23 05 23 00-0046	EA		3/4" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	308.50	12.77
23 05 23 00-0047	EA		1" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	390.22	14.51
23 05 23 00-0048	EA		1-1/4" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	467.07	15.44
23 05 23 00-0049	EA		1-1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	513.21	17.87
23 05 23 00-0050	EA		2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	605.79	21.12
23 05 23 00-0051	EA		2-1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	908.72	28.54
23 05 23 00-0052	EA		3" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	1,112.33	33.13
23 05 23 00-0053			Plug Valves, Lubricated, Semisteel Flanged (23 05 23 00-0043) Note: Wrench operated for 4", gear operated for 6" and 10".		
23 05 23 00-0054	EA		2" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	482.74	154.73
23 05 23 00-0055	EA		2-1/2" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	575.40	154.98
23 05 23 00-0056	EA		3" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	706.24	181.71
23 05 23 00-0057	EA		4" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	1,030.14	304.62
23 05 23 00-0058	EA		6" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	2,181.07	359.79
23 05 23 00-0059	EA		8" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	3,687.39	459.72
23 05 23 00-0060	EA		10" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	5,892.75	559.66
23 05 23 00-0061	EA		12" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	8,730.51	679.58
23 05 23 00-0062			Plug Valves, Forged Steel, Screwed (23 05 23 00-0043)		
23 05 23 00-0063	EA		1/2" Plug Valve, 1,500 LB, Forged Steel, Screwed.....	1,141.17	11.61
23 05 23 00-0064	EA		3/4" Plug Valve, 1,500 LB, Forged Steel, Screwed.....	1,348.10	12.77
23 05 23 00-0065	EA		1" Plug Valve, 1,500 LB, Forged Steel, Screwed.....	1,523.93	14.51
23 05 23 00-0066	EA		1-1/4" Plug Valve, 1,500 LB, Forged Steel, Screwed.....	1,828.32	15.44
23 05 23 00-0067	EA		1-1/2" Plug Valve, 1,500 LB, Forged Steel, Screwed.....	2,129.13	17.87
23 05 23 00-0068	EA		2" Plug Valve, 1,500 LB, Forged Steel, Screwed.....	2,801.36	21.12
23 05 23 00-0069			Plug Valves, Eccentric, Cast Iron Flanged (23 05 23 00-0043)		
23 05 23 00-0070	EA		4" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI.....	1,140.30	304.62
23 05 23 00-0071	EA		6" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI.....	1,752.08	359.79
23 05 23 00-0072	EA		8" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI.....	2,384.18	459.72
23 05 23 00-0073	EA		10" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI.....	3,383.15	559.66
23 05 23 00-0074	EA		12" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI.....	4,369.68	679.58
23 05 23 00-0075			Foot Valves (23 05 23)		
23 05 23 00-0076			Single Poppet Foot Valves, Metal To Metal Seat Construction (23 05 23 00-0075)		
23 05 23 00-0077	EA		1" Single Poppet Foot Valve, Metal To Metal Seat Construction.....	96.24	29.03
23 05 23 00-0078	EA		1-1/4" Single Poppet Foot Valve, Metal To Metal Seat Construction.....	109.49	32.51
23 05 23 00-0079	EA		1-1/2" Single Poppet Foot Valve, Metal To Metal Seat Construction.....	140.64	37.16
23 05 23 00-0080	EA		2" Single Poppet Foot Valve, Metal To Metal Seat Construction.....	185.40	41.80
23 05 23 00-0081	EA		2-1/2" Single Poppet Foot Valve, Metal To Metal Seat Construction.....	424.17	68.51
23 05 23 00-0082	EA		3" Single Poppet Foot Valve, Metal To Metal Seat Construction.....	542.58	83.60
23 05 23 00-0083			Double Poppet Foot Valves, Metal To Metal Seat Construction (23 05 23 00-0075)		
23 05 23 00-0084	EA		1" Double Poppet Foot Valve, Metal To Metal Seat Construction.....	96.24	29.03
23 05 23 00-0085	EA		1-1/4" Double Poppet Foot Valve, Metal To Metal Seat Construction.....	207.60	32.51
23 05 23 00-0086	EA		1-1/2" Double Poppet Foot Valve, Metal To Metal Seat Construction.....	197.24	37.16
23 05 23 00-0087	EA		2" Double Poppet Foot Valve, Metal To Metal Seat Construction.....	268.37	41.80
23 05 23 00-0088	EA		3" Double Poppet Foot Valve, Metal To Metal Seat Construction.....	527.05	68.51
23 05 23 00-0089	EA		4" Double Poppet Foot Valve, Metal To Metal Seat Construction.....	717.14	82.45
23 05 23 00-0090			Float Valves (23 05 23)		
23 05 23 00-0091			Float Valve Assembly For Maintaining Liquid Level In Tanks (23 05 23 00-0090)		
23 05 23 00-0092			Single Seat, Bronze Construction (23 05 23 00-0091) Note: For storage tanks, reservoirs, cooling towers and filtration plants.		
23 05 23 00-0093	EA		Inlet Size 1/2", Maximum PSI 100, Single Seat Float Valve.....	226.12	24.38
23 05 23 00-0094	EA		Inlet Size 3/4", Maximum PSI 100, Single Seat Float Valve.....	259.14	29.02

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0095 EA Inlet Size 1", Maximum PSI 100, Single Seat Float Valve	336.62	31.34
23 05 23 00-0096 EA Inlet Size 1-1/4", Maximum PSI 90, Single Seat Float Valve	562.38	39.47
23 05 23 00-0097 EA Inlet Size 1-1/2", Maximum PSI 90, Single Seat Float Valve	573.98	45.27
23 05 23 00-0098 Double Seat, Bronze Construction (23 05 23 00-0091)		
Note: For hot or cold water or oil to open tanks.		
23 05 23 00-0099 EA Pipe Size 1/2" Maximum PSI 150, Double Seat Float Valve.....	1,219.16	24.38
23 05 23 00-0100 EA Pipe Size 3/4" Maximum PSI 150, Double Seat Float Valve.....	1,228.45	29.02
23 05 23 00-0101 EA Pipe Size 1" Maximum PSI 150, Double Seat Float Valve.....	1,418.14	31.34
23 05 23 00-0102 EA Pipe Size 1-1/4" Maximum PSI 150, Double Seat Float Valve	1,567.39	39.47
23 05 23 00-0103 EA Pipe Size 1-1/2" Maximum PSI 150, Double Seat Float Valve	1,791.79	45.27
23 05 23 00-0104 EA Pipe Size 2" Maximum PSI 150, Double Seat Float Valve.....	2,350.70	53.39
23 05 23 00-0105 EA Pipe Size 2-1/2" Maximum PSI 150, Double Seat Float Valve	2,733.03	71.61
23 05 23 00-0106 EA Pipe Size 3" Maximum PSI 150, Double Seat Float Valve.....	3,287.48	82.30
23 05 23 00-0107 Float Valve Single Seated Balanced For Air Oil Or Water (23 05 23 00-0090)		
Note: Includes arm, ball and bracket.		
23 05 23 00-0108 Brass Body Threaded Ends (23 05 23 00-0107)		
23 05 23 00-0109 EA 1/2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket.....	238.03	31.45
23 05 23 00-0110 EA 3/4" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket.....	269.13	34.94
23 05 23 00-0111 EA 1" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket.....	333.50	38.65
23 05 23 00-0112 EA 1-1/4" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	533.05	62.45
23 05 23 00-0113 EA 1-1/2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	558.12	71.16
23 05 23 00-0114 EA 2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket.....	628.14	88.21
23 05 23 00-0115 Cast Iron Body Flanged (23 05 23 00-0107)		
23 05 23 00-0116 EA 2-1/2" Cast Iron Body, Flanged, Float Valve, Single Seated With Arm Ball And Bracket.....	7,673.80	154.98
23 05 23 00-0117 EA 3" Cast Iron Body, Flanged, Float Valve, Single Seated With Arm Ball And Bracket.....	9,279.00	181.71
23 05 23 00-0118 Float Operated Valves (23 05 23 00-0090)		
23 05 23 00-0119 For Condensate Receivers Tanks And Vessels (23 05 23 00-0118)		
Note: Cast iron body, self-contained, float in-line mount.		
23 05 23 00-0120 EA 1" Inlet, Float Operated Valve, Single Seated With Arm Ball And Bracket.....	853.75	54.55
23 05 23 00-0121 For Condensate Receivers Tanks And Vessels (23 05 23 00-0118)		
Note: Cast iron body, external float tank mount, flanged.		
23 05 23 00-0122 EA 3/4" Inlet, Float Operated Valve, Single Seated With Arm Ball And Bracket.....	1,073.43	101.54
23 05 23 00-0123 Needle Valves (23 05 23)		
23 05 23 00-0124 Bronze Needle Valve (23 05 23 00-0123)		
Note: For heating and cooling applications.		
23 05 23 00-0125 EA 1/4" Needle Valve, Bronze	117.64	11.61
23 05 23 00-0126 EA 3/8" Needle Valve, Bronze	131.23	11.61
23 05 23 00-0127 EA 1/2" Needle Valve, Bronze	143.59	11.61
23 05 23 00-0128 EA 3/4" Needle Valve, Bronze	218.10	12.77
23 05 23 00-0129 EA 1" Needle Valve, Bronze	334.54	14.51
23 05 23 00-0130 Eccentric Valves With Taps (23 05 23)		
23 05 23 00-0131 Screwed Eccentric Valves With Taps (23 05 23 00-0130)		
23 05 23 00-0132 EA 1/2" Diameter Eccentric Valves With Taps, Screwed.....	434.11	11.61
23 05 23 00-0133 EA 3/4" Diameter Eccentric Valves With Taps, Screwed.....	453.22	12.77
23 05 23 00-0134 EA 1" Diameter Eccentric Valves With Taps, Screwed	573.70	14.51
23 05 23 00-0135 EA 1-1/4" Diameter Eccentric Valves With Taps, Screwed	693.73	15.44
23 05 23 00-0136 EA 1-1/2" Diameter Eccentric Valves With Taps, Screwed	754.46	17.87
23 05 23 00-0137 EA 2" Diameter Eccentric Valves With Taps, Screwed	886.64	21.12
23 05 23 00-0138 EA 2-1/2" Diameter Eccentric Valves With Taps, Screwed	1,350.80	28.54
23 05 23 00-0139 EA 3" Diameter Eccentric Valves With Taps, Screwed	1,647.34	33.13
23 05 23 00-0140 Flanged Eccentric Valves With Taps (23 05 23 00-0130)		
23 05 23 00-0141 EA 2-1/2" Diameter Eccentric Valves With Taps, Flanged	1,628.42	154.98
23 05 23 00-0142 EA 3" Diameter Eccentric Valves With Taps, Flanged.....	1,936.11	181.71
23 05 23 00-0143 EA 4" Diameter Eccentric Valves With Taps, Flanged.....	2,548.12	304.62
23 05 23 00-0144 EA 5" Diameter Eccentric Valves With Taps, Flanged.....	3,455.37	323.80
23 05 23 00-0145 EA 6" Diameter Eccentric Valves With Taps, Flanged.....	4,417.95	359.79
23 05 23 00-0146 EA 8" Diameter Eccentric Valves With Taps, Flanged.....	7,741.49	459.72
23 05 23 00-0147 EA 10" Diameter Eccentric Valves With Taps, Flanged.....	10,921.22	559.66
23 05 23 00-0148 EA 12" Diameter Eccentric Valves With Taps, Flanged.....	19,002.85	679.58
23 05 23 00-0149 Earthquake-Sensitive Gas Shut-Off Valve (23 05 23)		
23 05 23 00-0150 0.5 PSI Threaded Earthquake Gas Shutoff Valves (23 05 23 00-0149)		
23 05 23 00-0151 EA 3/4" Diameter Threaded, 0.5 PSI Earthquake Gas Shutoff Valve.....	164.82	12.77
23 05 23 00-0152 EA 1" Diameter Threaded, 0.5 PSI Earthquake Gas Shutoff Valve.....	186.99	14.51

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 23 General-Duty Valves For HVAC Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 23 00-0153	7 PSI Threaded Earthquake Gas Shutoff Valves (23 05 23 00-0149)			
23 05 23 00-0154	EA 1-1/4" Diameter Threaded, 7 PSI Earthquake Gas Shutoff Valve.....	219.02		15.44
23 05 23 00-0155	EA 1-1/2" Diameter Threaded, 7 PSI Earthquake Gas Shutoff Valve.....	293.88		17.87
23 05 23 00-0156	60 PSI Threaded Earthquake Gas Shutoff Valves (23 05 23 00-0149)			
23 05 23 00-0157	EA 3/4" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve.....	202.59		12.77
23 05 23 00-0158	EA 1" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve.....	213.22		14.51
23 05 23 00-0159	EA 1-1/4" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve.....	240.01		15.44
23 05 23 00-0160	EA 1-1/2" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve.....	325.36		17.87
23 05 23 00-0161	EA 2" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve.....	735.04		21.12
23 05 23 00-0162	EA 2-1/2" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve.....	876.46		28.43
23 05 23 00-0163	EA 3" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve.....	1,134.95		33.13
23 05 23 00-0164	EA 4" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve.....	1,314.95		37.41
23 05 23 00-0165	60 PSI Flanged Earthquake Gas Shutoff Valves (23 05 23 00-0149)			
23 05 23 00-0166	EA 2" Flanged, 60 PSI Earthquake Gas Shutoff Valve.....	1,032.81		154.73
23 05 23 00-0167	EA 3" Flanged, 60 PSI Earthquake Gas Shutoff Valve.....	1,271.37		181.71
23 05 23 00-0168	EA 4" Flanged, 60 PSI Earthquake Gas Shutoff Valve.....	1,798.16		304.62
23 05 23 00-0169	EA 6" Flanged, 60 PSI Earthquake Gas Shutoff Valve.....	2,916.96		359.79
23 05 23 00-0170	EA 8" Flanged, 60 PSI Earthquake Gas Shutoff Valve.....	7,810.56		459.72
23 05 23 00-0171	Emergency Shut-Off Valve With Fusible Link (23 05 23)			
23 05 23 00-0172	Threaded, Fusible Brass Gate Valves (Morrison Bros. 939) (23 05 23 00-0171)			
	Note: Brass globe/gate valve used to shut off product flow in the event of a fire. Fusible element in the handwheel automatically closes the valve when in contact with 165° F.			
23 05 23 00-0173	EA 1/4" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series).....	73.74		18.69
	For Work In Restricted Working Space, Add	10.14		
23 05 23 00-0174	EA 3/8" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series).....	75.56		19.73
	For Work In Restricted Working Space, Add	10.69		
23 05 23 00-0175	EA 1/2" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series).....	119.64		18.69
	For Work In Restricted Working Space, Add	11.24		
23 05 23 00-0176	EA 3/4" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series).....	232.97		25.19
	For Work In Restricted Working Space, Add	15.14		
23 05 23 00-0177	EA 1" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series).....	578.51		30.53
	For Work In Restricted Working Space, Add	18.33		
23 05 23 00-0178	Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI) (23 05 23 00-0171)			
	Note: Ductile iron body, cap, seat and swing arm. Viton® encapsulated Teflon® o-ring, Teflon® gasket, and stainless steel spring.			
23 05 23 00-0179	EA 1-1/2" Diameter Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI).....	446.69		17.87
23 05 23 00-0180	EA 2" Diameter Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI).....	483.08		21.12
23 05 23 00-0181	EA 3" Diameter Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI).....	809.72		33.13
23 05 23 00-0182	Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI) (23 05 23 00-0171)			
	Note: Ductile iron body, cap, seat and swing arm. Viton® encapsulated Teflon® o-ring, Teflon® gasket, and stainless steel spring.			
23 05 23 00-0183	EA 2" Diameter Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI).....	656.40		154.73
23 05 23 00-0184	EA 3" Diameter Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI).....	1,057.10		181.71
23 05 23 00-0185	EA 4" Diameter Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI).....	2,398.96		304.62
23 05 23 00-0186	Solenoid Valves (23 05 23)			
23 05 23 00-0187	Bronze Body Solenoid Valves, 150 PSI Maximum Water Pressure (23 05 23 00-0186)			
23 05 23 00-0188	EA 1/4" Solenoid Valve, Bronze, 150 PSI, Water.....	127.70		11.61
23 05 23 00-0189	EA 1/2" Solenoid Valve, Bronze, 150 PSI, Water.....	148.17		11.61
23 05 23 00-0190	EA 3/4" Solenoid Valve, Bronze, 150 PSI, Water.....	189.70		12.77
23 05 23 00-0191	EA 1" Solenoid Valve, Bronze, 150 PSI, Water.....	279.18		14.51
23 05 23 00-0192	EA 1-1/2" Solenoid Valve, Bronze, 150 PSI, Water.....	491.92		17.87
23 05 23 00-0193	EA 2" Solenoid Valve, Bronze, 150 PSI, Water.....	769.34		21.12
23 05 23 00-0194	EA 2-1/2" Solenoid Valve, Bronze, 150 PSI, Water.....	1,047.85		28.54
23 05 23 00-0195	EA 3" Solenoid Valve, Bronze, 150 PSI, Water.....	1,518.95		33.13
23 05 23 00-0196	Gate Valves (23 05 23)			
23 05 23 00-0197	Class 125 Threaded, Bronze Gate Valves (23 05 23 00-0196)			
	Note: 125 psi steam, basic rating. 200 psi cold working pressure.			
23 05 23 00-0198	EA 1/4" Diameter, 125 LB, Threaded Bronze Gate Valve.....	65.78		11.61
	For 150 LB Rating, Add	3.20		
	For 200 LB Rating, Add	4.80		
	For 250 LB Rating, Add	8.00		
	For 300 LB Rating, Add	11.19		
	For Work In Restricted Working Space, Add	10.14		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0199	EA		3/8" Diameter, 125 LB, Threaded Bronze Gate Valve For 150 LB Rating, Add For 200 LB Rating, Add For 250 LB Rating, Add For 300 LB Rating, Add For Work In Restricted Working Space, Add	67.55 3.20 4.80 8.00 11.19 10.67	11.61
23 05 23 00-0200	EA		1/2" Diameter, 125 LB, Threaded Bronze Gate Valve For 150 LB Rating, Add For 200 LB Rating, Add For 250 LB Rating, Add For 300 LB Rating, Add For Work In Restricted Working Space, Add	69.43 3.20 4.80 8.00 11.19 11.24	11.61
23 05 23 00-0201	EA		3/4" Diameter, 125 LB, Threaded Bronze Gate Valve For 150 LB Rating, Add For 200 LB Rating, Add For 250 LB Rating, Add For 300 LB Rating, Add For Work In Restricted Working Space, Add	88.62 3.82 5.72 9.54 13.36 15.14	12.77
23 05 23 00-0202	EA		1" Diameter, 125 LB, Threaded Bronze Gate Valve For 150 LB Rating, Add For 200 LB Rating, Add For 250 LB Rating, Add For 300 LB Rating, Add For Work In Restricted Working Space, Add	118.74 5.77 8.65 14.41 20.18 18.33	14.51
23 05 23 00-0203	EA		1-1/4" Diameter, 125 LB, Threaded Bronze Gate Valve For 150 LB Rating, Add For 200 LB Rating, Add For 250 LB Rating, Add For 300 LB Rating, Add For Work In Restricted Working Space, Add	155.11 7.77 11.66 19.43 27.21 23.21	15.44
23 05 23 00-0204	EA		1-1/2" Diameter, 125 LB, Threaded Bronze Gate Valve For 150 LB Rating, Add For 200 LB Rating, Add For 250 LB Rating, Add For 300 LB Rating, Add For Work In Restricted Working Space, Add	187.24 9.80 14.69 24.49 34.28 26.79	17.87
23 05 23 00-0205	EA		2" Diameter, 125 LB, Threaded Bronze Gate Valve For 150 LB Rating, Add For 200 LB Rating, Add For 250 LB Rating, Add For 300 LB Rating, Add For Work In Restricted Working Space, Add	239.35 13.38 20.07 33.46 46.84 31.66	21.12
23 05 23 00-0206	EA		2-1/2" Diameter, 125 LB, Threaded Bronze Gate Valve For Chain Operated Type, Add For 150 LB Rating, Add For 200 LB Rating, Add For 250 LB Rating, Add For 300 LB Rating, Add For Work In Restricted Working Space, Add	524.19 171.76 38.17 57.25 95.42 133.59 42.75	28.54
23 05 23 00-0207	EA		3" Diameter, 125 LB, Threaded Bronze Gate Valve For Chain Operated Type, Add For 150 LB Rating, Add For 200 LB Rating, Add For 250 LB Rating, Add For 300 LB Rating, Add For Work In Restricted Working Space, Add	620.69 205.31 45.63 68.44 114.06 159.69 49.33	33.13
23 05 23 00-0208	EA		4" Diameter, 125 LB, Threaded Bronze Gate Valve For Chain Operated Type, Add For 150 LB Rating, Add For 200 LB Rating, Add For 250 LB Rating, Add For 300 LB Rating, Add For Work In Restricted Working Space, Add	1,273.96 489.11 108.69 163.04 271.73 380.42 56.12	37.41
23 05 23 00-0209			Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valves <small>(23 05 23 00-0196)</small> Note: 125 psi steam, basic rating. 200 psi cold working pressure.		
23 05 23 00-0210	EA		1-1/2" Diameter, Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve For 150 LB Rating, Add For 250 LB Rating, Add For Chain Operated Type, Add For Work In Restricted Working Space, Add	278.20 37.78 66.12 66.12 26.79	17.87
23 05 23 00-0211	EA		2" Diameter, Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve For 150 LB Rating, Add For 250 LB Rating, Add For Chain Operated Type, Add For Work In Restricted Working Space, Add	424.74 63.84 111.73 111.73 31.66	21.12
23 05 23 00-0212	EA		2-1/2" Diameter, Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve For 150 LB Rating, Add For 250 LB Rating, Add For Chain Operated Type, Add For Work In Restricted Working Space, Add	622.61 96.02 168.04 168.04 42.75	28.54
23 05 23 00-0213	EA		3" Diameter, Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve For 150 LB Rating, Add For 250 LB Rating, Add For Chain Operated Type, Add For Work In Restricted Working Space, Add	794.36 125.98 220.47 220.47 49.33	33.13

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 05 Common Work Results for HVAC

23 05 23 General-Duty Valves For HVAC Piping



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 05 23 00-0214	EA	4" Diameter, Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	1,882.73	37.41
		For 150 LB Rating, Add	339.14	
		For 250 LB Rating, Add	593.49	
		For Chain Operated Type, Add	593.49	
		For Work In Restricted Working Space, Add	56.12	

23 05 23 00-0215 Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valves (23 05 23 00-0196)

Note: 125 psi steam, basic rating. 200 psi cold working pressure.

23 05 23 00-0216	EA	1-1/2" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	468.93	121.87
		For 150 LB Rating, Add	91.70	
		For 250 LB Rating, Add	158.11	
		For 300 LB Rating, ASTM A182, Add	392.57	
		For Chain Operated Type, Add	158.11	
		For Work In Restricted Working Space, Add	45.82	
23 05 23 00-0217	EA	2" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	524.15	154.73
		For 150 LB Rating, Add	95.90	
		For 250 LB Rating, Add	165.35	
		For 300 LB Rating, ASTM A182, Add	427.43	
		For Chain Operated Type, Add	165.35	
		For Work In Restricted Working Space, Add	58.04	
23 05 23 00-0218	EA	2-1/2" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	591.12	154.98
		For 150 LB Rating, Add	115.07	
		For 250 LB Rating, Add	198.39	
		For 300 LB Rating, ASTM A182, Add	493.95	
		For Chain Operated Type, Add	198.39	
		For Work In Restricted Working Space, Add	58.30	
23 05 23 00-0219	EA	3" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	723.37	181.71
		For 150 LB Rating, Add	143.83	
		For 250 LB Rating, Add	247.98	
		For 300 LB Rating, ASTM A182, Add	609.66	
		For Chain Operated Type, Add	247.98	
		For Work In Restricted Working Space, Add	68.23	
23 05 23 00-0220	EA	4" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	1,043.04	304.62
		For 150 LB Rating, Add	191.78	
		For 250 LB Rating, Add	330.65	
		For 300 LB Rating, ASTM A182, Add	852.17	
		For Chain Operated Type, Add	330.65	
		For Work In Restricted Working Space, Add	114.52	
23 05 23 00-0221	EA	5" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	1,263.74	323.80
		For 150 LB Rating, Add	249.29	
		For 250 LB Rating, Add	429.81	
		For 300 LB Rating, ASTM A182, Add	1,061.68	
		For Chain Operated Type, Add	429.81	
		For Work In Restricted Working Space, Add	121.24	
23 05 23 00-0222	EA	6" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	1,509.21	359.79
		For 150 LB Rating, Add	306.78	
		For 250 LB Rating, Add	528.94	
		For 300 LB Rating, ASTM A182, Add	1,283.54	
		For Chain Operated Type, Add	528.94	
		For Work In Restricted Working Space, Add	135.40	
23 05 23 00-0223	EA	8" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	2,323.45	459.72
		For 150 LB Rating, Add	508.19	
		For 250 LB Rating, Add	876.19	
		For 300 LB Rating, ASTM A182, Add	2,037.91	
		For Chain Operated Type, Add	876.19	
		For Work In Restricted Working Space, Add	171.32	
23 05 23 00-0224	EA	10" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	3,013.86	559.66
		For 150 LB Rating, Add	671.14	
		For 250 LB Rating, Add	1,157.15	
		For 300 LB Rating, ASTM A182, Add	2,664.08	
		For Chain Operated Type, Add	1,157.15	
		For Work In Restricted Working Space, Add	209.87	
23 05 23 00-0225	EA	12" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	4,154.26	679.58
		For 150 LB Rating, Add	958.82	
		For 250 LB Rating, Add	1,653.15	
		For 300 LB Rating, ASTM A182, Add	3,730.28	
		For Chain Operated Type, Add	1,653.15	
		For Work In Restricted Working Space, Add	254.39	

23 05 23 00-0226 Class 125 Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valves (23 05 23 00-0196)

Note: 125 psi steam, basic rating. 200 psi cold working pressure.

23 05 23 00-0227	EA	1-1/2" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	552.37	17.87
		For 175 LB Rating, Add	231.54	
		For 250 LB Rating, Add	347.31	
		For Work In Restricted Working Space, Add	26.79	
23 05 23 00-0228	EA	2" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve.....	704.16	21.12
		For 175 LB Rating, Add	299.32	
		For 250 LB Rating, Add	448.98	
		For Work In Restricted Working Space, Add	31.66	
23 05 23 00-0229	EA	2-1/2" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	817.55	28.54
		For 175 LB Rating, Add	337.52	
		For 250 LB Rating, Add	506.28	
		For Work In Restricted Working Space, Add	42.75	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0230	EA		3" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve For 175 LB Rating, Add For 250 LB Rating, Add For Work In Restricted Working Space, Add	909.28 372.42 558.63 49.33	33.13
23 05 23 00-0231	EA		4" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve For 175 LB Rating, Add For 250 LB Rating, Add For Work In Restricted Working Space, Add	1,215.57 514.26 771.39 56.12	37.41
23 05 23 00-0232			Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valves <small>(23 05 23 00-0196)</small> Note: 125 psi steam, basic rating. 200 psi cold working pressure for up to 12". 100 psi steam, basic rating. 150 psi cold working pressure for >12" to 24". 50 psi steam, basic rating. 150 psi cold working pressure for >24".		
23 05 23 00-0233	EA		1-1/2" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve For 150 LB Rating, Add For 175 LB Rating, Add For 250 LB Rating, Add For Chain Operated Type, Add For Work In Restricted Working Space, Add	608.55 68.37 141.31 296.29 227.92 45.82	121.87
23 05 23 00-0234	EA		2" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve For 150 LB Rating, Add For 175 LB Rating, Add For 250 LB Rating, Add For Chain Operated Type, Add For Work In Restricted Working Space, Add	662.82 70.41 145.50 305.09 234.69 58.04	154.73
23 05 23 00-0235	EA		2-1/2" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve For 150 LB Rating, Add For 175 LB Rating, Add For 250 LB Rating, Add For Chain Operated Type, Add For Work In Restricted Working Space, Add	679.04 72.71 150.26 315.06 242.35 58.30	154.98
23 05 23 00-0236	EA		3" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve For 150 LB Rating, Add For 175 LB Rating, Add For 250 LB Rating, Add For Chain Operated Type, Add For Work In Restricted Working Space, Add	760.72 80.00 165.32 346.65 266.65 68.23	181.71
23 05 23 00-0237	EA		4" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve For 150 LB Rating, Add For 175 LB Rating, Add For 250 LB Rating, Add For Chain Operated Type, Add For Work In Restricted Working Space, Add	1,028.49 97.01 200.49 420.39 323.38 114.52	304.62
23 05 23 00-0238	EA		5" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve For 150 LB Rating, Add For 175 LB Rating, Add For 250 LB Rating, Add For Chain Operated Type, Add For Work In Restricted Working Space, Add	1,306.48 135.35 279.73 586.53 451.18 121.24	323.80
23 05 23 00-0239	EA		6" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve For 150 LB Rating, Add For 175 LB Rating, Add For 250 LB Rating, Add For Chain Operated Type, Add For Work In Restricted Working Space, Add	1,481.86 154.58 319.46 669.84 515.26 135.40	359.79
23 05 23 00-0240	EA		8" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve For 150 LB Rating, Add For 175 LB Rating, Add For 250 LB Rating, Add For Chain Operated Type, Add For Work In Restricted Working Space, Add	2,313.98 261.44 540.30 1,132.89 871.45 171.32	459.72
23 05 23 00-0241	EA		10" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve For 150 LB Rating, Add For 175 LB Rating, Add For 250 LB Rating, Add For Chain Operated Type, Add For Work In Restricted Working Space, Add	3,381.88 402.35 831.52 1,743.50 1,341.16 209.87	559.66
23 05 23 00-0242	EA		12" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve For 150 LB Rating, Add For 175 LB Rating, Add For 250 LB Rating, Add For Chain Operated Type, Add For Work In Restricted Working Space, Add	4,247.58 509.94 1,053.88 2,209.75 1,699.81 254.39	679.58
23 05 23 00-0243	EA		14" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve For 150 LB Rating, Add For 175 LB Rating, Add For 250 LB Rating, Add For Work In Restricted Working Space, Add	8,456.16 1,087.44 2,247.39 4,712.26 361.96	965.22
23 05 23 00-0244	EA		16" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve For 150 LB Rating, Add For 175 LB Rating, Add For 250 LB Rating, Add For Work In Restricted Working Space, Add	10,969.92 1,446.41 2,989.25 6,267.78 398.15	1,061.75
23 05 23 00-0245	EA		18" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve For 150 LB Rating, Add For 175 LB Rating, Add For 250 LB Rating, Add For Work In Restricted Working Space, Add	14,971.98 2,025.00 4,185.00 8,775.01 441.59	1,177.58

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 05 Common Work Results for HVAC

23 05 23 General-Duty Valves For HVAC Piping



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0246	EA		20" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	19,013.47	1,327.18
			<i>For 150 LB Rating, Add</i>	2,603.17	
			<i>For 175 LB Rating, Add</i>	5,379.89	
			<i>For 250 LB Rating, Add</i>	11,280.42	
			<i>For Work In Restricted Working Space, Add</i>	497.69	
23 05 23 00-0247	EA		24" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	25,976.92	1,628.82
			<i>For 150 LB Rating, Add</i>	3,591.14	
			<i>For 175 LB Rating, Add</i>	7,421.68	
			<i>For 250 LB Rating, Add</i>	15,561.59	
			<i>For Work In Restricted Working Space, Add</i>	610.81	
23 05 23 00-0248	EA		30" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	54,192.36	2,654.37
			<i>For 150 LB Rating, Add</i>	7,631.16	
			<i>For 175 LB Rating, Add</i>	15,771.07	
			<i>For 250 LB Rating, Add</i>	33,068.37	
			<i>For Work In Restricted Working Space, Add</i>	995.39	
23 05 23 00-0249	EA		36" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	69,064.38	3,539.16
			<i>For 150 LB Rating, Add</i>	9,696.06	
			<i>For 175 LB Rating, Add</i>	20,038.53	
			<i>For 250 LB Rating, Add</i>	42,016.28	
			<i>For Work In Restricted Working Space, Add</i>	1,327.19	
23 05 23 00-0250 Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valves (23 05 23 00-0196)					
Note: 800 psig at 850 degrees F.					
23 05 23 00-0251	EA		1/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve.....	166.51	11.61
			<i>For Work In Restricted Working Space, Add</i>	10.14	
23 05 23 00-0252	EA		1/2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve.....	170.16	11.61
			<i>For Work In Restricted Working Space, Add</i>	11.24	
23 05 23 00-0253	EA		3/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve.....	200.98	12.77
			<i>For Work In Restricted Working Space, Add</i>	15.14	
23 05 23 00-0254	EA		1" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve.....	243.98	14.51
			<i>For Work In Restricted Working Space, Add</i>	18.33	
23 05 23 00-0255	EA		1-1/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve.....	372.46	15.44
			<i>For Work In Restricted Working Space, Add</i>	23.21	
23 05 23 00-0256	EA		1-1/2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve.....	440.50	17.87
			<i>For Work In Restricted Working Space, Add</i>	26.79	
23 05 23 00-0257	EA		2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve.....	553.83	21.12
			<i>For Work In Restricted Working Space, Add</i>	31.66	
23 05 23 00-0258 Cast Steel Flanged Gate Valves (23 05 23 00-0196)					
23 05 23 00-0259 Class 150, Cast Steel, Flanged, Gate Valves (23 05 23 00-0258)					
23 05 23 00-0260	EA		2" Diameter, Class 150, Cast Steel, Flanged, Gate Valve	1,278.94	154.73
			<i>For Work In Restricted Working Space, Add</i>	58.04	
23 05 23 00-0261	EA		2-1/2" Diameter, Class 150, Cast Steel, Flanged, Gate Valve	1,751.23	154.98
			<i>For Work In Restricted Working Space, Add</i>	58.30	
23 05 23 00-0262	EA		3" Diameter, Class 150, Cast Steel, Flanged, Gate Valve	1,784.31	181.71
			<i>For Work In Restricted Working Space, Add</i>	68.23	
23 05 23 00-0263	EA		4" Diameter, Class 150, Cast Steel, Flanged, Gate Valve	2,351.33	304.62
			<i>For Work In Restricted Working Space, Add</i>	114.52	
23 05 23 00-0264	EA		6" Diameter, Class 150, Cast Steel, Flanged, Gate Valve	3,434.68	359.79
			<i>For Work In Restricted Working Space, Add</i>	135.40	
23 05 23 00-0265	EA		8" Diameter, Class 150, Cast Steel, Flanged, Gate Valve	5,274.36	459.72
			<i>For Work In Restricted Working Space, Add</i>	171.32	
23 05 23 00-0266	EA		10" Diameter, Class 150, Cast Steel, Flanged, Gate Valve	7,564.16	559.66
			<i>For Work In Restricted Working Space, Add</i>	209.87	
23 05 23 00-0267	EA		12" Diameter, Class 150, Cast Steel, Flanged, Gate Valve	9,628.35	679.58
			<i>For Work In Restricted Working Space, Add</i>	254.39	
23 05 23 00-0268 Class 300, Cast Steel, Flanged, Gate Valves (23 05 23 00-0258)					
23 05 23 00-0269	EA		2" Diameter, Class 300, Cast Steel, Flanged, Gate Valve	1,654.10	154.73
			<i>For Work In Restricted Working Space, Add</i>	58.04	
23 05 23 00-0270	EA		2-1/2" Diameter, Class 300, Cast Steel, Flanged, Gate Valve	2,126.69	154.98
			<i>For Work In Restricted Working Space, Add</i>	58.30	
23 05 23 00-0271	EA		3" Diameter, Class 300, Cast Steel, Flanged, Gate Valve	2,159.77	181.71
			<i>For Work In Restricted Working Space, Add</i>	68.23	
23 05 23 00-0272	EA		4" Diameter, Class 300, Cast Steel, Flanged, Gate Valve	3,109.92	304.62
			<i>For Work In Restricted Working Space, Add</i>	114.52	
23 05 23 00-0273	EA		6" Diameter, Class 300, Cast Steel, Flanged, Gate Valve	4,969.80	359.79
			<i>For Work In Restricted Working Space, Add</i>	135.40	
23 05 23 00-0274	EA		8" Diameter, Class 300, Cast Steel, Flanged, Gate Valve	7,409.46	459.72
			<i>For Work In Restricted Working Space, Add</i>	171.32	
23 05 23 00-0275	EA		10" Diameter, Class 300, Cast Steel, Flanged, Gate Valve	9,528.23	559.66
			<i>For Work In Restricted Working Space, Add</i>	209.87	
23 05 23 00-0276	EA		12" Diameter, Class 300, Cast Steel, Flanged, Gate Valve	16,032.24	679.58
			<i>For Work In Restricted Working Space, Add</i>	254.39	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0277			Class 600, Cast Steel, Flanged, Gate Valves (23 05 23 00-0258)		
23 05 23 00-0278	EA		2" Diameter, Class 600, Cast Steel, Flanged, Gate Valve	2,397.52	154.73
			For Work In Restricted Working Space, Add	58.04	
23 05 23 00-0279	EA		2-1/2" Diameter, Class 600, Cast Steel, Flanged, Gate Valve	3,024.59	154.98
			For Work In Restricted Working Space, Add	58.30	
23 05 23 00-0280	EA		3" Diameter, Class 600, Cast Steel, Flanged, Gate Valve	3,057.67	181.71
			For Work In Restricted Working Space, Add	68.23	
23 05 23 00-0281	EA		4" Diameter, Class 600, Cast Steel, Flanged, Gate Valve	4,614.69	304.62
			For Work In Restricted Working Space, Add	114.52	
23 05 23 00-0282	EA		6" Diameter, Class 600, Cast Steel, Flanged, Gate Valve	8,870.35	359.79
			For Work In Restricted Working Space, Add	135.40	
23 05 23 00-0283	EA		8" Diameter, Class 600, Cast Steel, Flanged, Gate Valve	18,748.37	459.72
			For Work In Restricted Working Space, Add	171.32	
23 05 23 00-0284	EA		10" Diameter, Class 600, Cast Steel, Flanged, Gate Valve	27,862.75	559.66
			For Work In Restricted Working Space, Add	209.87	
23 05 23 00-0285	EA		12" Diameter, Class 600, Cast Steel, Flanged, Gate Valve	37,140.49	679.58
			For Work In Restricted Working Space, Add	254.39	
23 05 23 00-0286			Ball Valves (23 05 23)		
			See CSI section 23 23 13 00-0000 for refrigeration valves.		
23 05 23 00-0287			Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valves (23 05 23 00-0286)		
			Note: 125 LB WSP.		
23 05 23 00-0288	EA		1/2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	50.67	11.61
			For Extension Stems And Sleeves On Insulated Pipe, Add	2.63	
			For Full Port, Add	5.95	
			For Work In Restricted Working Space, Add	11.24	
23 05 23 00-0289	EA		3/4" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	70.79	12.77
			For Extension Stems And Sleeves On Insulated Pipe, Add	2.63	
			For Full Port, Add	9.15	
			For Work In Restricted Working Space, Add	15.14	
23 05 23 00-0290	EA		1" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	88.53	14.51
			For Extension Stems And Sleeves On Insulated Pipe, Add	2.63	
			For Full Port, Add	12.35	
			For Work In Restricted Working Space, Add	18.33	
23 05 23 00-0291	EA		1-1/4" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	123.46	15.44
			For Extension Stems And Sleeves On Insulated Pipe, Add	2.63	
			For Full Port, Add	20.74	
			For Work In Restricted Working Space, Add	23.21	
23 05 23 00-0292	EA		1-1/2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	148.13	17.87
			For Extension Stems And Sleeves On Insulated Pipe, Add	2.63	
			For Full Port, Add	26.48	
			For Work In Restricted Working Space, Add	26.79	
23 05 23 00-0293	EA		2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	179.23	21.12
			For Extension Stems And Sleeves On Insulated Pipe, Add	2.63	
			For Full Port, Add	33.17	
			For Work In Restricted Working Space, Add	31.66	
23 05 23 00-0294	EA		2-1/2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	490.35	28.54
			For Extension Stems And Sleeves On Insulated Pipe, Add	2.63	
			For Full Port, Add	156.53	
			For Work In Restricted Working Space, Add	42.75	
23 05 23 00-0295	EA		3" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	565.78	33.13
			For Extension Stems And Sleeves On Insulated Pipe, Add	2.63	
			For Full Port, Add	180.60	
			For Work In Restricted Working Space, Add	49.33	
23 05 23 00-0296	EA		4" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	734.22	37.41
			For Extension Stems And Sleeves On Insulated Pipe, Add	2.63	
			For Full Port, Add	246.23	
			For Work In Restricted Working Space, Add	56.12	
23 05 23 00-0297			Screwed, 150 LB, Full Port, Carbon Steel Ball Valves (23 05 23 00-0286)		
23 05 23 00-0298	EA		1/4" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	59.10	11.61
			For Work In Restricted Working Space, Add	10.14	
23 05 23 00-0299	EA		1/2" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	64.91	11.61
			For Work In Restricted Working Space, Add	11.24	
23 05 23 00-0300	EA		3/4" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	90.17	12.77
			For Work In Restricted Working Space, Add	15.14	
23 05 23 00-0301	EA		1" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	114.49	14.51
			For Work In Restricted Working Space, Add	18.33	
23 05 23 00-0302	EA		1-1/4" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	168.65	15.44
			For Work In Restricted Working Space, Add	23.21	
23 05 23 00-0303	EA		1-1/2" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	204.91	17.87
			For Work In Restricted Working Space, Add	26.79	
23 05 23 00-0304	EA		2" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	264.72	21.12
			For Work In Restricted Working Space, Add	31.66	
23 05 23 00-0305			Flanged, 150 LB, Full Port, Carbon Steel Ball Valves (23 05 23 00-0286)		
23 05 23 00-0306	EA		1-1/2" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve	390.13	121.87
			For 150 LB Rating, Add	68.85	
			For 250 LB Rating, Add	118.71	
			For 300 LB Rating, ASTM A182, Add	313.77	
			For Chain Operated Type, Add	118.71	
			For Work In Restricted Working Space, Add	45.82	
			For Work In Restricted Working Space, Add	45.82	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 23 General-Duty Valves For HVAC Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 23 00-0307	EA 2" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve	487.98	154.73
	For 150 LB Rating, Add	85.41	
	For 250 LB Rating, Add	147.27	
	For 300 LB Rating, ASTM A182, Add	391.26	
	For Chain Operated Type, Add	147.27	
	For Work In Restricted Working Space, Add	58.04	
	For Work In Restricted Working Space, Add	58.04	
23 05 23 00-0308	EA 2-1/2" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve	732.38	154.98
	For 150 LB Rating, Add	156.03	
	For 250 LB Rating, Add	269.02	
	For 300 LB Rating, ASTM A182, Add	635.21	
	For Chain Operated Type, Add	269.02	
	For Work In Restricted Working Space, Add	58.30	
	For Work In Restricted Working Space, Add	58.30	
23 05 23 00-0309	EA 3" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve	809.15	181.71
	For 150 LB Rating, Add	168.70	
	For 250 LB Rating, Add	290.87	
	For 300 LB Rating, ASTM A182, Add	695.44	
	For Chain Operated Type, Add	290.87	
	For Work In Restricted Working Space, Add	68.23	
	For Work In Restricted Working Space, Add	68.23	
23 05 23 00-0310	EA 4" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve	1,198.83	304.62
	For Work In Restricted Working Space, Add	114.52	
23 05 23 00-0311	EA 6" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve	2,666.76	359.79
	For Work In Restricted Working Space, Add	135.40	
23 05 23 00-0312	EA 8" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve	4,501.87	459.72
	For Work In Restricted Working Space, Add	171.32	
23 05 23 00-0313	Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valves <small>(23 05 23 00-0286)</small>		
23 05 23 00-0314	EA 1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	48.00	11.61
	For True Union Socket Or Thread Type, Add	6.19	
	For Work In Restricted Working Space, Add	11.24	
23 05 23 00-0315	EA 3/4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	62.60	12.77
	For True Union Socket Or Thread Type, Add	7.51	
	For Work In Restricted Working Space, Add	15.14	
23 05 23 00-0316	EA 1" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	78.00	14.51
	For True Union Socket Or Thread Type, Add	9.97	
	For Work In Restricted Working Space, Add	18.33	
23 05 23 00-0317	EA 1-1/4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	99.59	15.44
	For True Union Socket Or Thread Type, Add	12.95	
	For Work In Restricted Working Space, Add	23.21	
23 05 23 00-0318	EA 1-1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	127.94	17.87
	For True Union Socket Or Thread Type, Add	20.15	
	For Work In Restricted Working Space, Add	26.79	
23 05 23 00-0319	EA 2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	154.77	21.12
	For True Union Socket Or Thread Type, Add	25.24	
	For Work In Restricted Working Space, Add	31.66	
23 05 23 00-0320	EA 2-1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	248.48	28.54
	For True Union Socket Or Thread Type, Add	49.87	
	For Work In Restricted Working Space, Add	42.75	
23 05 23 00-0321	EA 3" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	344.63	33.13
	For True Union Socket Or Thread Type, Add	80.71	
	For Work In Restricted Working Space, Add	49.33	
23 05 23 00-0322	EA 4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	531.57	37.41
	For True Union Socket Or Thread Type, Add	147.63	
	For Work In Restricted Working Space, Add	56.12	
23 05 23 00-0323	Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valves <small>(23 05 23 00-0286)</small>		
23 05 23 00-0324	EA 1/4" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	90.45	17.41
	For Full Port, Add	17.89	
	For Work In Restricted Working Space, Add	15.21	
23 05 23 00-0325	EA 3/8" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	93.12	17.41
	For Full Port, Add	17.89	
	For Work In Restricted Working Space, Add	16.01	
23 05 23 00-0326	EA 1/2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	95.91	17.41
	For Full Port, Add	17.89	
	For Work In Restricted Working Space, Add	16.85	
23 05 23 00-0327	EA 3/4" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	117.85	19.15
	For Full Port, Add	18.97	
	For Work In Restricted Working Space, Add	22.71	
23 05 23 00-0328	EA 1" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	154.08	21.77
	For Full Port, Add	28.10	
	For Work In Restricted Working Space, Add	27.49	
23 05 23 00-0329	EA 1-1/4" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	201.52	23.16
	For Full Port, Add	38.45	
	For Work In Restricted Working Space, Add	34.82	
23 05 23 00-0330	EA 1-1/2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	247.55	26.81
	For Full Port, Add	51.13	
	For Work In Restricted Working Space, Add	40.18	
23 05 23 00-0331	EA 2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	343.18	31.69
	For Full Port, Add	83.21	
	For Work In Restricted Working Space, Add	47.48	
23 05 23 00-0332	EA 2-1/2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	662.50	42.81
	For Full Port, Add	201.93	
	For Work In Restricted Working Space, Add	64.13	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0333	EA		3" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	959.23	49.70
			<i>For Full Port, Add</i>	320.65	
			<i>For Work In Restricted Working Space, Add</i>	74.00	
23 05 23 00-0334			Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valves <small>(23 05 23 00-0286)</small>		
23 05 23 00-0335	EA		1/2" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve.....	99.83	11.61
			<i>For Work In Restricted Working Space, Add</i>	11.24	
23 05 23 00-0336	EA		3/4" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve.....	139.78	12.77
			<i>For Work In Restricted Working Space, Add</i>	15.14	
23 05 23 00-0337	EA		1" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve.....	180.19	14.51
			<i>For Work In Restricted Working Space, Add</i>	18.33	
23 05 23 00-0338	EA		1-1/4" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve.....	248.94	15.44
			<i>For Work In Restricted Working Space, Add</i>	23.21	
23 05 23 00-0339	EA		1-1/2" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve.....	318.96	17.87
			<i>For Work In Restricted Working Space, Add</i>	26.79	
23 05 23 00-0340	EA		2" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve.....	428.77	21.12
			<i>For Work In Restricted Working Space, Add</i>	31.66	
23 05 23 00-0341	EA		2-1/2" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve.....	844.31	28.54
			<i>For Work In Restricted Working Space, Add</i>	42.75	
23 05 23 00-0342	EA		3" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve.....	1,142.69	33.13
			<i>For Work In Restricted Working Space, Add</i>	49.33	
23 05 23 00-0343			Globe Valves <small>(23 05 23)</small>		
23 05 23 00-0344			Threaded Or Sweated, 125 LB, Bronze Body, Globe Valves <small>(23 05 23 00-0343)</small>		
23 05 23 00-0345	EA		1/8" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	73.86	11.61
			<i>For 150 LB Rating, Add</i>	11.29	
			<i>For 200 LB Rating, Add</i>	13.84	
			<i>For 250 LB Rating, Add</i>	16.38	
			<i>For 300 LB Rating, Add</i>	20.03	
			<i>For Work In Restricted Working Space, Add</i>	11.24	
23 05 23 00-0346	EA		1/4" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	70.21	11.61
			<i>For 150 LB Rating, Add</i>	11.29	
			<i>For 200 LB Rating, Add</i>	13.84	
			<i>For 250 LB Rating, Add</i>	16.38	
			<i>For 300 LB Rating, Add</i>	20.03	
			<i>For Work In Restricted Working Space, Add</i>	10.14	
23 05 23 00-0347	EA		3/8" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	89.92	11.61
			<i>For 150 LB Rating, Add</i>	16.85	
			<i>For 200 LB Rating, Add</i>	20.65	
			<i>For 250 LB Rating, Add</i>	24.46	
			<i>For 300 LB Rating, Add</i>	29.89	
			<i>For Work In Restricted Working Space, Add</i>	10.67	
23 05 23 00-0348	EA		1/2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	91.80	11.61
			<i>For 150 LB Rating, Add</i>	16.85	
			<i>For 200 LB Rating, Add</i>	20.65	
			<i>For 250 LB Rating, Add</i>	24.46	
			<i>For 300 LB Rating, Add</i>	29.89	
			<i>For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add</i>	74.77	
			<i>For Work In Restricted Working Space, Add</i>	11.24	
23 05 23 00-0349	EA		3/4" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	109.37	12.18
			<i>For 150 LB Rating, Add</i>	18.26	
			<i>For 200 LB Rating, Add</i>	22.39	
			<i>For 250 LB Rating, Add</i>	26.51	
			<i>For 300 LB Rating, Add</i>	32.40	
			<i>For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add</i>	84.99	
			<i>For Work In Restricted Working Space, Add</i>	15.14	
23 05 23 00-0350	EA		1" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	140.71	12.18
			<i>For 150 LB Rating, Add</i>	24.68	
			<i>For 200 LB Rating, Add</i>	30.26	
			<i>For 250 LB Rating, Add</i>	35.83	
			<i>For 300 LB Rating, Add</i>	43.79	
			<i>For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add</i>	112.02	
			<i>For Work In Restricted Working Space, Add</i>	18.33	
23 05 23 00-0351	EA		1-1/4" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	214.89	15.44
			<i>For 150 LB Rating, Add</i>	42.63	
			<i>For 200 LB Rating, Add</i>	52.25	
			<i>For 250 LB Rating, Add</i>	61.88	
			<i>For 300 LB Rating, Add</i>	75.63	
			<i>For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add</i>	182.21	
			<i>For Work In Restricted Working Space, Add</i>	23.21	
23 05 23 00-0352	EA		1-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	285.82	17.87
			<i>For 150 LB Rating, Add</i>	60.92	
			<i>For 200 LB Rating, Add</i>	74.68	
			<i>For 250 LB Rating, Add</i>	88.44	
			<i>For 300 LB Rating, Add</i>	108.09	
			<i>For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add</i>	251.90	
			<i>For Work In Restricted Working Space, Add</i>	26.79	
23 05 23 00-0353	EA		2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	336.56	21.12
			<i>For 150 LB Rating, Add</i>	71.62	
			<i>For 200 LB Rating, Add</i>	87.80	
			<i>For 250 LB Rating, Add</i>	103.97	
			<i>For 300 LB Rating, Add</i>	127.07	
			<i>For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add</i>	296.35	
			<i>For Work In Restricted Working Space, Add</i>	31.66	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 05 Common Work Results for HVAC

23 05 23 General-Duty Valves For HVAC Piping



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 05 23 00-0354	EA 2-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve.....	375.44	28.54
	For 150 LB Rating, Add	72.21	
	For 200 LB Rating, Add	88.51	
	For 250 LB Rating, Add	104.82	
	For 300 LB Rating, Add	128.11	
	For Work In Restricted Working Space, Add	42.75	
23 05 23 00-0355	EA 3" Globe Valve, Bronze, Threaded Or Soldered, 125 LB.....	686.31	33.13
	For 150 LB Rating, Add	161.78	
	For 200 LB Rating, Add	198.31	
	For 250 LB Rating, Add	234.84	
	For 300 LB Rating, Add	287.03	
	For Work In Restricted Working Space, Add	49.33	
23 05 23 00-0356 Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valves (23 05 23 00-0343)			
23 05 23 00-0357	EA 2" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve.....	511.44	21.12
	For 150 LB Rating, Add	125.84	
	For 200 LB Rating, Add	154.25	
	For 250 LB Rating, Add	182.66	
	For 300 LB Rating, Add	223.26	
	For Chain Operated Type, Add	338.94	
	For Work In Restricted Working Space, Add	31.66	
23 05 23 00-0358	EA 2-1/2" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve.....	634.53	28.54
	For 150 LB Rating, Add	152.53	
	For 200 LB Rating, Add	186.97	
	For 250 LB Rating, Add	221.41	
	For 300 LB Rating, Add	270.61	
	For Chain Operated Type, Add	410.84	
	For Work In Restricted Working Space, Add	42.75	
23 05 23 00-0359	EA 3" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve.....	754.86	33.13
	For 150 LB Rating, Add	183.03	
	For 200 LB Rating, Add	224.36	
	For 250 LB Rating, Add	265.69	
	For 300 LB Rating, Add	324.73	
	For Chain Operated Type, Add	493.00	
	For Work In Restricted Working Space, Add	49.33	
23 05 23 00-0360	EA 4" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve.....	974.23	37.41
	For 150 LB Rating, Add	244.04	
	For 200 LB Rating, Add	299.15	
	For 250 LB Rating, Add	354.25	
	For 300 LB Rating, Add	432.98	
	For Chain Operated Type, Add	657.34	
	For Work In Restricted Working Space, Add	56.10	
23 05 23 00-0361 Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valves (23 05 23 00-0343)			
23 05 23 00-0362	EA 2" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve.....	464.35	154.73
	For 150 LB Rating, Add	83.98	
	For 250 LB Rating, Add	121.91	
	For Chain Operated Type, Add	135.45	
	For Work In Restricted Working Space, Add	58.04	
23 05 23 00-0363	EA 2-1/2" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve.....	524.58	154.98
	For 150 LB Rating, Add	102.37	
	For 250 LB Rating, Add	148.61	
	For Chain Operated Type, Add	165.12	
	For Work In Restricted Working Space, Add	58.30	
23 05 23 00-0364	EA 3" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve.....	623.71	181.71
	For 150 LB Rating, Add	122.85	
	For 250 LB Rating, Add	178.33	
	For Chain Operated Type, Add	198.15	
	For Work In Restricted Working Space, Add	68.23	
23 05 23 00-0365	EA 4" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve.....	910.12	304.62
	For 150 LB Rating, Add	163.80	
	For 250 LB Rating, Add	237.77	
	For Chain Operated Type, Add	264.19	
	For Work In Restricted Working Space, Add	114.52	
23 05 23 00-0366	EA 5" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve.....	1,138.91	323.80
	For 150 LB Rating, Add	227.78	
	For 250 LB Rating, Add	330.65	
	For Chain Operated Type, Add	367.39	
	For Work In Restricted Working Space, Add	121.24	
23 05 23 00-0367	EA 6" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve.....	1,380.14	359.79
	For 150 LB Rating, Add	287.93	
	For 250 LB Rating, Add	417.96	
	For Chain Operated Type, Add	464.40	
	For Work In Restricted Working Space, Add	135.40	
23 05 23 00-0368	EA 8" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve.....	1,999.37	459.72
	For 150 LB Rating, Add	442.77	
	For 250 LB Rating, Add	642.73	
	For Chain Operated Type, Add	714.15	
	For Work In Restricted Working Space, Add	171.32	
23 05 23 00-0369	EA 10" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve.....	2,875.02	559.66
	For 150 LB Rating, Add	674.39	
	For 250 LB Rating, Add	978.95	
	For Chain Operated Type, Add	1,087.73	
	For Work In Restricted Working Space, Add	209.87	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0370	EA		12" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	4,964.52	679.58
			For 150 LB Rating, Add	1,276.13	
			For 250 LB Rating, Add	1,852.45	
			For Chain Operated Type, Add	2,058.28	
			For Work In Restricted Working Space, Add	254.39	
23 05 23 00-0371			Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valves (23 05 23 00-0343)		
23 05 23 00-0372	EA		1/8" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	65.03	11.61
			For 150 LB Rating, Add	8.55	
			For 200 LB Rating, Add	10.48	
			For 300 LB Rating, Add	15.17	
			For Work In Restricted Working Space, Add	11.24	
23 05 23 00-0373	EA		1/4" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	61.38	11.61
			For 150 LB Rating, Add	8.55	
			For 200 LB Rating, Add	10.48	
			For 300 LB Rating, Add	15.17	
			For Work In Restricted Working Space, Add	10.14	
23 05 23 00-0374	EA		3/8" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	63.15	11.61
			For 150 LB Rating, Add	8.55	
			For 200 LB Rating, Add	10.48	
			For 300 LB Rating, Add	15.17	
			For Work In Restricted Working Space, Add	10.67	
23 05 23 00-0375	EA		1/2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	66.87	11.61
			For 150 LB Rating, Add	9.12	
			For 200 LB Rating, Add	11.18	
			For 300 LB Rating, Add	16.18	
			For Work In Restricted Working Space, Add	11.24	
23 05 23 00-0376	EA		3/4" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	91.25	12.18
			For 150 LB Rating, Add	12.64	
			For 200 LB Rating, Add	15.50	
			For 300 LB Rating, Add	22.43	
			For Work In Restricted Working Space, Add	15.14	
23 05 23 00-0377	EA		1" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	114.62	12.18
			For 150 LB Rating, Add	16.59	
			For 200 LB Rating, Add	20.34	
			For 300 LB Rating, Add	29.44	
			For Work In Restricted Working Space, Add	18.33	
23 05 23 00-0378	EA		1-1/4" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	156.90	15.44
			For 150 LB Rating, Add	24.65	
			For 200 LB Rating, Add	30.22	
			For 300 LB Rating, Add	43.74	
			For Work In Restricted Working Space, Add	23.21	
23 05 23 00-0379	EA		1-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	182.00	17.87
			For 150 LB Rating, Add	28.74	
			For 200 LB Rating, Add	35.23	
			For 300 LB Rating, Add	50.99	
			For Work In Restricted Working Space, Add	26.79	
23 05 23 00-0380	EA		2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	245.16	21.12
			For 150 LB Rating, Add	43.29	
			For 200 LB Rating, Add	53.06	
			For 300 LB Rating, Add	76.80	
			For Work In Restricted Working Space, Add	31.66	
23 05 23 00-0381	EA		2-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	406.66	30.99
			For 150 LB Rating, Add	78.09	
			For 200 LB Rating, Add	95.72	
			For 300 LB Rating, Add	138.54	
			For Work In Restricted Working Space, Add	46.43	
23 05 23 00-0382	EA		3" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	605.15	35.99
			For 150 LB Rating, Add	132.24	
			For 200 LB Rating, Add	162.10	
			For 300 LB Rating, Add	234.62	
			For Work In Restricted Working Space, Add	53.57	
23 05 23 00-0383			Flanged, 125 LB, Iron Body, Angle Globe Valves (23 05 23 00-0343)		
23 05 23 00-0384	EA		2" Flanged, 125 LB, Iron Body, Angle Globe Valve	890.43	154.73
			For 250 LB Rating, Add	418.19	
			For Chain Operated Type, Add	271.82	
			For Work In Restricted Working Space, Add	58.04	
23 05 23 00-0385	EA		2-1/2" Flanged, 125 LB, Iron Body, Angle Globe Valve	1,018.64	154.98
			For 250 LB Rating, Add	494.58	
			For Chain Operated Type, Add	321.48	
			For Work In Restricted Working Space, Add	58.30	
23 05 23 00-0386	EA		3" Flanged, 125 LB, Iron Body, Angle Globe Valve	1,198.79	181.71
			For 250 LB Rating, Add	582.82	
			For Chain Operated Type, Add	378.83	
			For Work In Restricted Working Space, Add	68.23	
23 05 23 00-0387	EA		4" Flanged, 125 LB, Iron Body, Angle Globe Valve	1,769.13	304.62
			For 250 LB Rating, Add	832.43	
			For Chain Operated Type, Add	541.08	
			For Work In Restricted Working Space, Add	114.52	
23 05 23 00-0388	EA		5" Flanged, 125 LB, Iron Body, Angle Globe Valve	2,890.60	323.80
			For 250 LB Rating, Add	1,491.88	
			For Chain Operated Type, Add	969.72	
			For Work In Restricted Working Space, Add	121.24	
23 05 23 00-0389	EA		6" Flanged, 125 LB, Iron Body, Angle Globe Valve	2,937.81	359.79
			For 250 LB Rating, Add	1,491.88	
			For Chain Operated Type, Add	969.72	
			For Work In Restricted Working Space, Add	135.40	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 23 General-Duty Valves For HVAC Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0390	EA		8" Flanged, 125 LB, Iron Body, Angle Globe Valve	5,437.60	459.72
			<i>For 250 LB Rating, Add</i>	2,919.91	
			<i>For Chain Operated Type, Add</i>	1,897.94	
			<i>For Work In Restricted Working Space, Add</i>	171.32	
23 05 23 00-0391			Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valves (23 05 23 00-0343)		
			Note: 800 PSIG at 850 degrees F.		
23 05 23 00-0392	EA		1/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	210.21	18.81
			<i>For Work In Restricted Working Space, Add</i>	10.14	
23 05 23 00-0393	EA		1/2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	213.86	18.81
			<i>For Work In Restricted Working Space, Add</i>	11.24	
23 05 23 00-0394	EA		3/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	251.15	25.30
			<i>For Work In Restricted Working Space, Add</i>	15.14	
23 05 23 00-0395	EA		1" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	310.33	30.53
			<i>For Work In Restricted Working Space, Add</i>	18.33	
23 05 23 00-0396	EA		1-1/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	504.65	38.65
			<i>For Work In Restricted Working Space, Add</i>	23.21	
23 05 23 00-0397	EA		1-1/2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	605.58	44.68
			<i>For Work In Restricted Working Space, Add</i>	26.79	
23 05 23 00-0398	EA		2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	770.71	52.81
			<i>For Work In Restricted Working Space, Add</i>	31.66	
23 05 23 00-0399			Check Valves (23 05 23)		
23 05 23 00-0400			Iron Body Wafer Type Check Valve (23 05 23 00-0399)		
23 05 23 00-0401			Single Disk Type (23 05 23 00-0400)		
23 05 23 00-0402	EA		2" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	464.15	154.79
			<i>For 150 LB Rating, Add</i>	56.83	
			<i>For 200 LB Rating, Add</i>	67.66	
			<i>For 300 LB Rating, Add</i>	81.19	
			<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	160.49	
23 05 23 00-0403	EA		2-1/2" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	549.00	155.07
			<i>For 150 LB Rating, Add</i>	74.46	
			<i>For 200 LB Rating, Add</i>	88.64	
			<i>For 300 LB Rating, Add</i>	106.37	
			<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	198.44	
23 05 23 00-0404	EA		3" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	675.70	181.81
			<i>For 150 LB Rating, Add</i>	94.11	
			<i>For 200 LB Rating, Add</i>	112.04	
			<i>For 300 LB Rating, Add</i>	134.45	
			<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	247.18	
23 05 23 00-0405	EA		4" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	988.95	304.79
			<i>For 150 LB Rating, Add</i>	127.47	
			<i>For 200 LB Rating, Add</i>	151.75	
			<i>For 300 LB Rating, Add</i>	182.10	
			<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	349.54	
23 05 23 00-0406	EA		6" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	1,485.50	427.78
			<i>For 150 LB Rating, Add</i>	199.66	
			<i>For 200 LB Rating, Add</i>	237.70	
			<i>For 300 LB Rating, Add</i>	285.23	
			<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	534.80	
23 05 23 00-0407	EA		8" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	2,071.79	491.95
			<i>For 150 LB Rating, Add</i>	306.41	
			<i>For 200 LB Rating, Add</i>	364.77	
			<i>For 300 LB Rating, Add</i>	437.72	
			<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	779.13	
23 05 23 00-0408	EA		10" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	3,084.53	598.89
			<i>For 150 LB Rating, Add</i>	489.39	
			<i>For 200 LB Rating, Add</i>	582.61	
			<i>For 300 LB Rating, Add</i>	699.13	
			<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	1,199.52	
23 05 23 00-0409			Twin Disc Type (23 05 23 00-0400)		
23 05 23 00-0410	EA		2" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	624.34	154.79
			<i>For 150 LB Rating, Add</i>	90.47	
			<i>For 200 LB Rating, Add</i>	107.70	
			<i>For 300 LB Rating, Add</i>	129.24	
			<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	232.57	
23 05 23 00-0411	EA		2-1/2" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	711.47	155.07
			<i>For 150 LB Rating, Add</i>	108.58	
			<i>For 200 LB Rating, Add</i>	129.26	
			<i>For 300 LB Rating, Add</i>	155.11	
			<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	271.55	
23 05 23 00-0412	EA		3" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	830.78	181.81
			<i>For 150 LB Rating, Add</i>	126.68	
			<i>For 200 LB Rating, Add</i>	150.81	
			<i>For 300 LB Rating, Add</i>	180.97	
			<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	316.97	
23 05 23 00-0413	EA		4" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	1,148.02	304.79
			<i>For 150 LB Rating, Add</i>	160.87	
			<i>For 200 LB Rating, Add</i>	191.52	
			<i>For 300 LB Rating, Add</i>	229.82	
			<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	421.12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0414	EA		6" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	1,770.05	427.78
			For 150 LB Rating, Add	259.42	
			For 200 LB Rating, Add	308.83	
			For 300 LB Rating, Add	370.60	
			For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	662.84	
23 05 23 00-0415	EA		8" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	2,497.66	491.95
			For 150 LB Rating, Add	396.18	
			For 200 LB Rating, Add	471.64	
			For 300 LB Rating, Add	565.97	
			For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	971.17	
23 05 23 00-0416	EA		10" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	3,736.64	588.19
			For 150 LB Rating, Add	627.42	
			For 200 LB Rating, Add	746.93	
			For 300 LB Rating, Add	896.32	
			For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	1,494.26	
23 05 23 00-0417	EA		12" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	4,909.22	727.22
			For 150 LB Rating, Add	840.61	
			For 200 LB Rating, Add	1,000.73	
			For 300 LB Rating, Add	1,200.87	
			For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	1,982.57	
23 05 23 00-0418	EA		14" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	9,278.12	853.77
			For 150 LB Rating, Add	1,709.35	
			For 200 LB Rating, Add	2,034.94	
			For 300 LB Rating, Add	2,441.93	
			For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	3,890.56	
23 05 23 00-0419	EA		16" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	12,743.64	1,001.76
			For 150 LB Rating, Add	2,413.20	
			For 200 LB Rating, Add	2,872.86	
			For 300 LB Rating, Add	3,447.43	
			For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	5,421.59	
23 05 23 00-0420	EA		18" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	16,993.77	1,115.60
			For 150 LB Rating, Add	3,276.51	
			For 200 LB Rating, Add	3,900.61	
			For 300 LB Rating, Add	4,680.73	
			For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	7,299.36	
23 05 23 00-0421	EA		20" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	20,223.82	1,252.21
			For 150 LB Rating, Add	3,918.30	
			For 200 LB Rating, Add	4,664.64	
			For 300 LB Rating, Add	5,597.57	
			For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	8,709.41	
23 05 23 00-0422	EA		24" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	26,443.19	1,536.80
			For 150 LB Rating, Add	5,148.51	
			For 200 LB Rating, Add	6,129.18	
			For 300 LB Rating, Add	7,355.02	
			For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	11,417.82	

23 05 23 00-0423 Lift Check Valves (23 05 23 00-0399)
23 05 23 00-0424 Bronze Body, Threaded, Vertical Lift Check Valves (23 05 23 00-0423)

Note: Watts #600 series.

23 05 23 00-0425	EA		3/8" Lift Check Valve, Bronze, Threaded.....	121.03	11.61
23 05 23 00-0426	EA		1/2" Lift Check Valve, Bronze, Threaded.....	128.08	11.61
23 05 23 00-0427	EA		3/4" Lift Check Valve, Bronze, Threaded.....	163.34	12.18
23 05 23 00-0428	EA		1" Lift Check Valve, Bronze, Threaded.....	215.14	12.18
23 05 23 00-0429	EA		1-1/4" Lift Check Valve, Bronze, Threaded.....	298.19	15.44
23 05 23 00-0430	EA		1-1/2" Lift Check Valve, Bronze, Threaded.....	362.70	17.87
23 05 23 00-0431	EA		2" Lift Check Valve, Bronze, Threaded.....	516.61	21.12

23 05 23 00-0432 Bronze Body, Threaded, 300 LB, Lift Check Valves (23 05 23 00-0423)

Note: Crane 366E.

23 05 23 00-0433	EA		1/2" Lift Check Valve, Bronze, Threaded, 300 LB.....	747.31	11.61
23 05 23 00-0434	EA		3/4" Lift Check Valve, Bronze, Threaded, 300 LB.....	907.81	12.18
23 05 23 00-0435	EA		1" Lift Check Valve, Bronze, Threaded, 300 LB.....	1,628.34	12.18
23 05 23 00-0436	EA		1-1/4" Lift Check Valve, Bronze, Threaded, 300 LB.....	2,170.11	15.44
23 05 23 00-0437	EA		1-1/2" Lift Check Valve, Bronze, Threaded, 300 LB.....	2,357.20	17.87
23 05 23 00-0438	EA		2" Lift Check Valve, Bronze, Threaded, 300 LB.....	3,027.93	21.12

23 05 23 00-0439 Iron Body, Flanged, 125 LB Vertical Lift Check Valves (23 05 23 00-0423)

Note: Mueller 105MAP.

23 05 23 00-0440	EA		2" Lift Check Valve, Iron Body, Flanged, 125 LB.....	1,093.31	154.73
23 05 23 00-0441	EA		2-1/2" Lift Check Valve, Iron Body, Flanged, 125 LB.....	1,195.39	154.98
23 05 23 00-0442	EA		3" Lift Check Valve, Iron Body, Flanged, 125 LB.....	1,306.78	181.71
23 05 23 00-0443	EA		4" Lift Check Valve, Iron Body, Flanged, 125 LB.....	1,832.24	304.62
23 05 23 00-0444	EA		5" Lift Check Valve, Iron Body, Flanged, 125 LB.....	2,270.03	323.80
23 05 23 00-0445	EA		6" Lift Check Valve, Iron Body, Flanged, 125 LB.....	2,788.82	359.79
23 05 23 00-0446	EA		8" Lift Check Valve, Iron Body, Flanged, 125 LB.....	4,849.37	459.72
23 05 23 00-0447	EA		10" Lift Check Valve, Iron Body, Flanged, 125 LB.....	6,086.17	559.66
23 05 23 00-0448	EA		12" Lift Check Valve, Iron Body, Flanged, 125 LB.....	9,809.74	679.58
23 05 23 00-0449	EA		14" Lift Check Valve, Iron Body, Flanged, 125 LB.....	13,416.60	965.22
23 05 23 00-0450	EA		16" Lift Check Valve, Iron Body, Flanged, 125 LB.....	14,865.17	1,061.75

23 05 23 00-0451 Bronze Body Swing Check Valves (23 05 23 00-0399)

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 05 Common Work Results for HVAC

23 05 23 General-Duty Valves For HVAC Piping



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0452			Bronze Body, Threaded, Brazed Or Soldered Installation, 125 LB, Swing Check Valves <small>(23 05 23 00-0451)</small>		
23 05 23 00-0453	EA		1/8" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	82.32	11.61
			<i>For 300 LB Rating, Add</i>	17.50	
			<i>For Work In Restricted Working Space, Add</i>	11.24	
23 05 23 00-0454	EA		1/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	78.67	11.61
			<i>For 300 LB Rating, Add</i>	17.50	
			<i>For Work In Restricted Working Space, Add</i>	10.14	
23 05 23 00-0455	EA		3/8" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	80.44	11.61
			<i>For 300 LB Rating, Add</i>	17.50	
			<i>For Work In Restricted Working Space, Add</i>	10.67	
23 05 23 00-0456	EA		1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	84.07	11.61
			<i>For 300 LB Rating, Add</i>	18.18	
			<i>For Work In Restricted Working Space, Add</i>	11.24	
23 05 23 00-0457	EA		3/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	106.95	12.18
			<i>For 300 LB Rating, Add</i>	22.03	
			<i>For Work In Restricted Working Space, Add</i>	15.14	
23 05 23 00-0458	EA		1" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	137.80	12.18
			<i>For 300 LB Rating, Add</i>	29.92	
			<i>For Work In Restricted Working Space, Add</i>	18.33	
23 05 23 00-0459	EA		1-1/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	185.05	15.44
			<i>For 300 LB Rating, Add</i>	41.99	
			<i>For Work In Restricted Working Space, Add</i>	23.21	
23 05 23 00-0460	EA		1-1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	240.07	17.87
			<i>For 300 LB Rating, Add</i>	58.80	
			<i>For Work In Restricted Working Space, Add</i>	26.79	
23 05 23 00-0461	EA		2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	299.38	21.12
			<i>For 300 LB Rating, Add</i>	75.61	
			<i>For Work In Restricted Working Space, Add</i>	31.66	
23 05 23 00-0462	EA		2-1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	588.16	28.54
			<i>For 300 LB Rating, Add</i>	173.80	
			<i>For Work In Restricted Working Space, Add</i>	42.75	
23 05 23 00-0463	EA		3" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	798.26	33.13
			<i>For 300 LB Rating, Add</i>	247.19	
			<i>For Work In Restricted Working Space, Add</i>	49.33	
23 05 23 00-0464	EA		4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	904.29	37.41
			<i>For 300 LB Rating, Add</i>	279.72	
			<i>For Work In Restricted Working Space, Add</i>	56.12	
23 05 23 00-0465			125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves <small>(23 05 23 00-0399)</small>		
23 05 23 00-0466	EA		1" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	394.89	87.05
			<i>For 150 LB Rating, Add</i>	194.07	
			<i>For 250 LB Rating, Add</i>	371.01	
			<i>For Work In Restricted Working Space, Add</i>	32.85	
23 05 23 00-0467	EA		1-1/4" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	440.58	101.56
			<i>For 150 LB Rating, Add</i>	213.81	
			<i>For 250 LB Rating, Add</i>	408.75	
			<i>For Work In Restricted Working Space, Add</i>	37.85	
23 05 23 00-0468	EA		1-1/2" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	493.74	121.87
			<i>For 150 LB Rating, Add</i>	231.89	
			<i>For 250 LB Rating, Add</i>	443.33	
			<i>For Work In Restricted Working Space, Add</i>	45.82	
23 05 23 00-0469	EA		2" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	616.99	154.73
			<i>For 150 LB Rating, Add</i>	288.01	
			<i>For 250 LB Rating, Add</i>	550.60	
			<i>For Work In Restricted Working Space, Add</i>	58.04	
23 05 23 00-0470	EA		2-1/2" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	688.64	154.98
			<i>For 150 LB Rating, Add</i>	336.12	
			<i>For 250 LB Rating, Add</i>	642.59	
			<i>For Work In Restricted Working Space, Add</i>	58.30	
23 05 23 00-0471	EA		3" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	764.57	181.71
			<i>For 150 LB Rating, Add</i>	365.26	
			<i>For 250 LB Rating, Add</i>	698.30	
			<i>For Work In Restricted Working Space, Add</i>	68.23	
23 05 23 00-0472	EA		4" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	1,211.88	304.62
			<i>For 150 LB Rating, Add</i>	564.50	
			<i>For 250 LB Rating, Add</i>	1,079.18	
			<i>For Work In Restricted Working Space, Add</i>	114.52	
23 05 23 00-0473	EA		5" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	1,622.93	323.80
			<i>For 150 LB Rating, Add</i>	828.78	
			<i>For 250 LB Rating, Add</i>	1,584.44	
			<i>For Work In Restricted Working Space, Add</i>	121.24	
23 05 23 00-0474	EA		6" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	1,864.49	359.79
			<i>For 150 LB Rating, Add</i>	960.94	
			<i>For 250 LB Rating, Add</i>	1,837.10	
			<i>For Work In Restricted Working Space, Add</i>	135.40	
23 05 23 00-0475	EA		8" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	4,099.20	459.72
			<i>For 150 LB Rating, Add</i>	2,399.12	
			<i>For 250 LB Rating, Add</i>	4,586.56	
			<i>For Work In Restricted Working Space, Add</i>	171.32	
23 05 23 00-0476	EA		10" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	5,502.09	559.66
			<i>For 150 LB Rating, Add</i>	3,265.71	
			<i>For 250 LB Rating, Add</i>	6,243.28	
			<i>For Work In Restricted Working Space, Add</i>	209.87	
23 05 23 00-0477	EA		12" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	8,337.27	679.58
			<i>For 150 LB Rating, Add</i>	5,092.72	
			<i>For 250 LB Rating, Add</i>	9,736.09	
			<i>For Work In Restricted Working Space, Add</i>	254.39	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0478	EA		14" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves.....	9,685.44	965.22
			For 150 LB Rating, Add	5,765.66	
			For 250 LB Rating, Add	11,022.58	
			For Work In Restricted Working Space, Add	361.96	
23 05 23 00-0479	EA		16" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves.....	13,676.65	1,061.75
			For 150 LB Rating, Add	8,397.64	
			For 250 LB Rating, Add	16,054.31	
			For Work In Restricted Working Space, Add	398.15	
23 05 23 00-0480	EA		18" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves.....	20,881.87	1,177.58
			For 150 LB Rating, Add	13,198.73	
			For 250 LB Rating, Add	25,232.87	
			For Work In Restricted Working Space, Add	441.59	
23 05 23 00-0481	EA		20" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves.....	28,674.30	1,327.18
			For 150 LB Rating, Add	18,370.42	
			For 250 LB Rating, Add	35,119.92	
			For Work In Restricted Working Space, Add	497.69	
23 05 23 00-0482	EA		24" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves.....	39,855.78	1,628.82
			For 150 LB Rating, Add	25,717.44	
			For 250 LB Rating, Add	49,165.69	
			For Work In Restricted Working Space, Add	610.81	
23 05 23 00-0483			Class 800 Forged Steel, Screwed, Chrome Trim, Bolted Bonnet, Piston		
			Check, Swing Check Valves (23 05 23 00-0399)		
			Note: 800 PSIG at 850 Degrees F.		
23 05 23 00-0484	EA		1/2" Class 800, Threaded, Forged Steel Swing Check Valve.....	192.82	11.61
			For Work In Restricted Working Space, Add	11.24	
23 05 23 00-0485	EA		3/4" 800, Threaded, Forged Steel Swing Check Valve.....	226.87	12.77
			For Work In Restricted Working Space, Add	15.14	
23 05 23 00-0486	EA		1" Class 800, Threaded, Forged Steel Swing Check Valve.....	268.25	14.51
			For Work In Restricted Working Space, Add	18.33	
23 05 23 00-0487	EA		1-1/4" Class 800, Threaded, Forged Steel Swing Check Valve.....	416.18	15.44
			For Work In Restricted Working Space, Add	23.21	
23 05 23 00-0488	EA		1-1/2" 800, Threaded, Forged Steel Swing Check Valve.....	493.91	17.87
			For Work In Restricted Working Space, Add	26.79	
23 05 23 00-0489	EA		2" Class 800, Threaded, Forged Steel Swing Check Valve.....	668.75	21.12
			For Work In Restricted Working Space, Add	31.66	
23 05 23 00-0490			Swing Check Valves, 150 LB Polyvinyl Chloride (PVC) Socket Weld End		
			Connections (23 05 23 00-0399)		
23 05 23 00-0491	EA		1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB.....	80.60	11.61
			For Work In Restricted Working Space, Add	11.24	
23 05 23 00-0492	EA		3/4" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB.....	93.61	12.77
			For Work In Restricted Working Space, Add	15.14	
23 05 23 00-0493	EA		1" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB.....	105.94	14.51
			For Work In Restricted Working Space, Add	18.33	
23 05 23 00-0494	EA		1-1/4" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB.....	124.08	15.44
			For Work In Restricted Working Space, Add	23.21	
23 05 23 00-0495	EA		1-1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB.....	138.70	17.87
			For Work In Restricted Working Space, Add	26.79	
23 05 23 00-0496	EA		2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB.....	182.33	21.12
			For Work In Restricted Working Space, Add	31.66	
23 05 23 00-0497	EA		2-1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB.....	251.87	28.54
			For Work In Restricted Working Space, Add	42.75	
23 05 23 00-0498	EA		3" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB.....	306.35	33.13
			For Work In Restricted Working Space, Add	49.33	
23 05 23 00-0499			Diaphragm Valves (23 05 23)		
23 05 23 00-0500			Polytetrafluoroethylene (PTFE) Or Viton Lined, Threaded Cast Iron		
			Diaphragm Valves (23 05 23 00-0499)		
23 05 23 00-0501	EA		1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	285.10	34.73
23 05 23 00-0502	EA		3/4" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	366.44	38.48
23 05 23 00-0503	EA		1" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	396.41	47.57
23 05 23 00-0504	EA		1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	630.00	71.08
23 05 23 00-0505	EA		2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	1,018.99	85.50
23 05 23 00-0506			Polytetrafluoroethylene (PTFE) Or Viton Lined, Flanged Cast Iron		
			Diaphragm Valves (23 05 23 00-0499)		
23 05 23 00-0507	EA		1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	283.70	55.71
23 05 23 00-0508	EA		3/4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	329.75	58.04
23 05 23 00-0509	EA		1" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	391.61	87.05
23 05 23 00-0510	EA		1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	591.53	121.87
23 05 23 00-0511	EA		2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	936.77	154.73

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 23 General-Duty Valves For HVAC Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 23 00-0512	EA	2-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	1,191.80	154.98
23 05 23 00-0513	EA	3" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	1,478.98	181.71
23 05 23 00-0514	EA	4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	2,099.83	304.62
23 05 23 00-0515	EA	6" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	4,300.48	359.79
23 05 23 00-0516	EA	8" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	6,674.88	459.72
23 05 23 00-0517		Ethylene Propylene Diene Monomer (EPDM) Lined, Threaded Cast Iron Diaphragm Valves <small>(23 05 23 00-0499)</small>		
23 05 23 00-0518	EA	1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	172.83	34.73
23 05 23 00-0519	EA	3/4" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	227.56	38.48
23 05 23 00-0520	EA	1" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	257.53	47.57
23 05 23 00-0521	EA	1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	440.88	71.08
23 05 23 00-0522	EA	2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	578.72	85.50
23 05 23 00-0523		Ethylene Propylene Diene Monomer (EPDM) Lined, Flanged Cast Iron Diaphragm Valves <small>(23 05 23 00-0499)</small>		
23 05 23 00-0524	EA	1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	192.79	55.71
23 05 23 00-0525	EA	3/4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	224.55	58.04
23 05 23 00-0526	EA	1" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	286.38	87.05
23 05 23 00-0527	EA	1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	448.26	121.87
23 05 23 00-0528	EA	2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	603.17	154.73
23 05 23 00-0529	EA	2-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	728.52	154.98
23 05 23 00-0530	EA	3" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	885.67	181.71
23 05 23 00-0531	EA	4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	1,400.45	304.62
23 05 23 00-0532	EA	6" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	2,733.63	359.79
23 05 23 00-0533	EA	8" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	4,189.72	459.72
23 05 23 00-0534		125 LB, Hand Wheel Operated, Flanged Cast Iron Diaphragm Valves <small>(23 05 23 00-0499)</small>		
23 05 23 00-0535	EA	1" Diaphragm Valve, Cast Iron, 125 LB, Flanged.....	359.91	87.05
23 05 23 00-0536	EA	1-1/2" Diaphragm Valve, Cast Iron, 125 LB, Flanged.....	579.89	121.87
23 05 23 00-0537	EA	2" Diaphragm Valve, Cast Iron, 125 LB, Flanged.....	778.96	154.73
23 05 23 00-0538	EA	2-1/2" Diaphragm Valve, Cast Iron, 125 LB, Flanged.....	1,107.58	154.98
23 05 23 00-0539	EA	3" Diaphragm Valve, Cast Iron, 125 LB, Flanged.....	1,225.35	181.71
23 05 23 00-0540	EA	4" Diaphragm Valve, Cast Iron, 125 LB, Flanged.....	1,924.68	304.62
23 05 23 00-0541	EA	6" Diaphragm Valve, Cast Iron, 125 LB, Flanged.....	3,802.34	359.79
23 05 23 00-0542	EA	8" Diaphragm Valve, Cast Iron, 125 LB, Flanged.....	7,869.59	459.72
23 05 23 00-0543		Plastic Diaphragm Valves <small>(23 05 23 00-0499)</small>		
23 05 23 00-0544		Polyvinyl Chloride (PVC), True Union Socket Connections, Diaphragm Valves <small>(23 05 23 00-0543)</small>		
23 05 23 00-0545	EA	1/2" Polyvinyl Chloride (PVC), True Union Socket Connections, Diaphragm Valve (George Fisher Type 314).....	190.50	34.73
23 05 23 00-0546	EA	3/4" Polyvinyl Chloride (PVC), True Union Socket Connections, Diaphragm Valve (George Fisher Type 314).....	212.89	38.37
23 05 23 00-0547	EA	1" Polyvinyl Chloride (PVC), True Union Socket Connections, Diaphragm Valve (George Fisher Type 314).....	269.19	47.57
23 05 23 00-0548	EA	1-1/4" Polyvinyl Chloride (PVC), True Union Socket Connections, Diaphragm Valve (George Fisher Type 314).....	389.99	61.46
23 05 23 00-0549	EA	1-1/2" Polyvinyl Chloride (PVC), True Union Socket Connections, Diaphragm Valve (George Fisher Type 314).....	411.17	71.19
23 05 23 00-0550	EA	2" Polyvinyl Chloride (PVC), True Union Socket Connections, Diaphragm Valve (George Fisher Type 314).....	482.81	85.50
23 05 23 00-0551		Chlorinated Polyvinyl Chloride (CPVC), True Union Socket Connections, Diaphragm Valves <small>(23 05 23 00-0543)</small>		
23 05 23 00-0552	EA	1/2" Chlorinated Polyvinyl Chloride (CPVC), True Union Socket Connections, Diaphragm Valve (George Fisher Type 315).....	266.81	34.73
23 05 23 00-0553	EA	3/4" Chlorinated Polyvinyl Chloride (CPVC), True Union Socket Connections, Diaphragm Valve (George Fisher Type 315).....	290.86	38.37
23 05 23 00-0554	EA	1" Chlorinated Polyvinyl Chloride (CPVC), True Union Socket Connections, Diaphragm Valve (George Fisher Type 315).....	370.38	47.57
23 05 23 00-0555	EA	1-1/4" Chlorinated Polyvinyl Chloride (CPVC), True Union Socket Connections, Diaphragm Valve (George Fisher Type 315).....	479.56	61.46
23 05 23 00-0556	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC), True Union Socket Connections, Diaphragm Valve (George Fisher Type 315).....	537.23	71.19

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0557 EA 2" Chlorinated Polyvinyl Chloride (CPVC), True Union Socket Connections, Diaphragm Valve (George Fisher Type 315)	585.66	85.50
23 05 23 00-0558 Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valves (23 05 23 00-0543)		
23 05 23 00-0559 Threaded, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valves (23 05 23 00-0558)		
23 05 23 00-0560 EA 1/2" Threaded, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	133.91	34.73
23 05 23 00-0561 EA 3/4" Threaded, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	149.94	38.48
23 05 23 00-0562 EA 1" Threaded, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	186.39	47.57
23 05 23 00-0563 EA 1-1/4" Threaded, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	262.29	61.46
23 05 23 00-0564 EA 1-1/2" Threaded, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	281.52	71.08
23 05 23 00-0565 EA 2" Threaded, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	336.19	85.50
23 05 23 00-0566 Socket, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valves (23 05 23 00-0558)		
23 05 23 00-0567 EA 1/2" Socket, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	133.91	34.73
23 05 23 00-0568 EA 3/4" Socket, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	149.94	38.48
23 05 23 00-0569 EA 1" Socket, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	186.69	47.57
23 05 23 00-0570 EA 1-1/4" Socket, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	262.29	61.46
23 05 23 00-0571 EA 1-1/2" Socket, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	281.52	71.08
23 05 23 00-0572 EA 2" Socket, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	336.19	85.50
23 05 23 00-0573 Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valves (23 05 23 00-0543)		
23 05 23 00-0574 Threaded, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valves (23 05 23 00-0573)		
23 05 23 00-0575 EA 1/2" Threaded, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	121.00	34.73
23 05 23 00-0576 EA 3/4" Threaded, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	134.97	38.48
23 05 23 00-0577 EA 1" Threaded, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	168.11	47.57
23 05 23 00-0578 EA 1-1/4" Threaded, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	234.42	61.46
23 05 23 00-0579 EA 1-1/2" Threaded, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	253.65	71.08
23 05 23 00-0580 EA 2" Threaded, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	303.17	85.50
23 05 23 00-0581 Socket, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valves (23 05 23 00-0573)		
23 05 23 00-0582 EA 1/2" Socket, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	121.00	34.73
23 05 23 00-0583 EA 3/4" Socket, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	134.97	38.48
23 05 23 00-0584 EA 1" Socket, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	168.11	47.57
23 05 23 00-0585 EA 1-1/4" Socket, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	234.42	61.46
23 05 23 00-0586 EA 1-1/2" Socket, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	253.65	71.08
23 05 23 00-0587 EA 2" Socket, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	303.17	85.50
23 05 23 00-0588 Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valves (23 05 23 00-0543)		
23 05 23 00-0589 Threaded, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valves (23 05 23 00-0588)		
23 05 23 00-0590 EA 1/2" Threaded, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	153.22	34.73
23 05 23 00-0591 EA 3/4" Threaded, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	166.04	38.48
23 05 23 00-0592 EA 1" Threaded, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	226.25	47.57
23 05 23 00-0593 EA 1-1/4" Threaded, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	301.54	61.46
23 05 23 00-0594 EA 1-1/2" Threaded, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	320.77	71.08
23 05 23 00-0595 EA 2" Threaded, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	388.86	85.50
23 05 23 00-0596 Socket, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valves (23 05 23 00-0588)		
23 05 23 00-0597 EA 1/2" Socket, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	153.22	34.73
23 05 23 00-0598 EA 3/4" Socket, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	166.04	38.48
23 05 23 00-0599 EA 1" Socket, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	226.25	47.57
23 05 23 00-0600 EA 1-1/4" Socket, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	301.51	61.46
23 05 23 00-0601 EA 1-1/2" Socket, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	320.77	71.08
23 05 23 00-0602 EA 2" Socket, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	388.86	85.50
23 05 23 00-0603 Flow Control Valves And Meters (23 05 23)		
23 05 23 00-0604 Conditioned Water Balancing Valves (23 05 23 00-0603)		
Note: Working pressures up to 300 PSIG. Iron and bronze body construction (combination balancing, flow measuring and shut-off). Excludes portable read-out meter.		
23 05 23 00-0605 EA 1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	164.84	59.22

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 23 General-Duty Valves For HVAC Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 23 00-0606	EA	3/4" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	197.97	78.96
23 05 23 00-0607	EA	1" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,356.89	90.22
23 05 23 00-0608	EA	1-1/4" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,460.14	111.48
23 05 23 00-0609	EA	1-1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,563.47	118.45
23 05 23 00-0610	EA	2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,671.98	135.40
23 05 23 00-0611	EA	2-1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	2,969.25	235.71
23 05 23 00-0612	EA	3" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	2,860.31	269.39
23 05 23 00-0613	EA	3" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,856.16	181.81
23 05 23 00-0614	EA	4" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	2,597.81	304.79
23 05 23 00-0615	EA	6" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	4,015.59	385.00
23 05 23 00-0616	EA	8" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	5,404.61	491.95
23 05 23 00-0617	EA	10" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	7,678.69	598.89

23 05 23 00-0618 Read Out Meters (23 05 23 00-0603)

Note: For use with conditioned portable water balancing valves.

23 05 23 00-0619	EA	0.5 - 25% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	1,233.60	
23 05 23 00-0620	EA	0.5 - 50% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	1,669.42	
23 05 23 00-0621	EA	0.5 - 75% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	1,669.42	
23 05 23 00-0622	EA	0.5 - 100% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	1,669.42	

23 05 23 00-0623 Balancing Valves (23 05 23)**23 05 23 00-0624 Balancing Valves With Lever** (23 05 23 00-0623)

Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.

23 05 23 00-0625	EA	1/2" Threaded Balancing Valve With Lever	259.31	36.57
23 05 23 00-0626	EA	3/4" Threaded Balancing Valve With Lever	288.30	48.19
23 05 23 00-0627	EA	1" Threaded Balancing Valve With Lever	544.55	55.16
23 05 23 00-0628	EA	1-1/4" Threaded Balancing Valve With Lever	587.55	68.51
23 05 23 00-0629	EA	1-1/2" Threaded Balancing Valve With Lever	617.15	72.57
23 05 23 00-0630	EA	2" Threaded Balancing Valve With Lever	756.89	83.03
23 05 23 00-0631	EA	2-1/2" Flanged Balancing Valve With Lever	1,013.44	155.07
23 05 23 00-0632	EA	3" Flanged Balancing Valve With Lever	1,019.54	181.81
23 05 23 00-0633	EA	4" Flanged Balancing Valve With Lever	1,281.95	304.79
23 05 23 00-0634	EA	5" Flanged Balancing Valve With Lever	3,767.46	346.50
23 05 23 00-0635	EA	6" Flanged Balancing Valve With Lever	1,877.98	385.00
23 05 23 00-0636	EA	8" Flanged Balancing Valve With Lever	2,482.11	491.95

23 05 23 00-0637 Balancing Valves With Nut (23 05 23 00-0623)

Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.

23 05 23 00-0638	EA	4" Flanged Balancing Valve With Nut	1,281.95	304.79
23 05 23 00-0639	EA	5" Flanged Balancing Valve With Nut	3,767.46	346.50
23 05 23 00-0640	EA	6" Flanged Balancing Valve With Nut	1,877.98	385.00
23 05 23 00-0641	EA	8" Flanged Balancing Valve With Nut	2,482.11	491.95

23 05 23 00-0642 Balancing Valves With Hand Wheel (23 05 23 00-0623)

Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.

23 05 23 00-0643	EA	4" Flanged Balancing Valve With Hand Wheel	1,736.95	304.79
23 05 23 00-0644	EA	5" Flanged Balancing Valve With Hand Wheel	4,248.46	346.50
23 05 23 00-0645	EA	6" Flanged Balancing Valve With Hand Wheel	2,359.98	385.00
23 05 23 00-0646	EA	8" Flanged Balancing Valve With Hand Wheel	3,337.11	491.95
23 05 23 00-0647	EA	10" Flanged Balancing Valve With Hand Wheel	5,121.61	598.89
23 05 23 00-0648	EA	12" Flanged Balancing Valve With Hand Wheel	6,702.91	483.01
23 05 23 00-0649	EA	14" Flanged Balancing Valve With Hand Wheel	8,756.37	910.69

23 05 23 00-0650 Balancing Valves With Chain Wheel (23 05 23 00-0623)

Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.

23 05 23 00-0651	EA	4" Flanged Balancing Valve With Chain Wheel	1,997.95	304.79
23 05 23 00-0652	EA	5" Flanged Balancing Valve With Chain Wheel	4,505.46	346.50
23 05 23 00-0653	EA	6" Flanged Balancing Valve With Chain Wheel	2,615.98	385.00
23 05 23 00-0654	EA	8" Flanged Balancing Valve With Chain Wheel	3,652.11	491.95
23 05 23 00-0655	EA	10" Flanged Balancing Valve With Chain Wheel	5,427.61	598.89
23 05 23 00-0656	EA	12" Flanged Balancing Valve With Chain Wheel	7,274.21	482.67
23 05 23 00-0657	EA	14" Flanged Balancing Valve With Chain Wheel	9,273.37	910.69

23 05 23 00-0658 Calibrated Balancing Valves (23 05 23 00-0623)

Note: Bell & Gossett CB Series.

23 05 23 00-0659	EA	1/2" Brazed Or Soldered Calibrated Balancing Valve (CB-1/2S)	133.41	11.61
23 05 23 00-0660	EA	3/4" Brazed Or Soldered Calibrated Balancing Valve (CB-3/4S)	156.03	12.77
23 05 23 00-0661	EA	1" Brazed Or Soldered Calibrated Balancing Valve (CB-1S)	190.64	14.51
23 05 23 00-0662	EA	1-1/4" Brazed Or Soldered Calibrated Balancing Valve (CB-1-1/4S)	257.33	15.44
23 05 23 00-0663	EA	1" Threaded Calibrated Balancing Valve (CB-1)	203.84	14.51
23 05 23 00-0664	EA	1-1/4" Threaded Calibrated Balancing Valve (CB-1-1/4)	280.11	15.44
23 05 23 00-0665	EA	1-1/2" Threaded Calibrated Balancing Valve (CB-1-1/2)	325.60	17.88
23 05 23 00-0666	EA	2" Threaded Calibrated Balancing Valve (CB-2)	441.39	21.13
23 05 23 00-0667	EA	2-1/2" Threaded Calibrated Balancing Valve (CB-2-1/2)	826.44	31.00
23 05 23 00-0668	EA	3" Threaded Calibrated Balancing Valve (CB-3)	1,168.08	36.00

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0669	EA		2-1/2" Flanged Calibrated Balancing Valve (CB-2-1/2F).....	1,098.66	168.38
23 05 23 00-0670	EA		3" Flanged Calibrated Balancing Valve (CB-3F).....	1,596.36	197.41
23 05 23 00-0671	EA		4" Flanged Calibrated Balancing Valve (CB-4F).....	2,495.63	330.94
23 05 23 00-0672	EA		5" Flanged Calibrated Balancing Valve (CB-5F).....	3,605.93	376.23
23 05 23 00-0673	EA		6" Flanged Calibrated Balancing Valve (CB-6F).....	4,752.21	418.03
23 05 23 00-0674	EA		8" Flanged Calibrated Balancing Valve (CB-8F).....	8,609.40	534.15
23 05 23 00-0675	EA		10" Flanged Calibrated Balancing Valve (CB-10F).....	11,967.03	637.48
23 05 23 00-0676	EA		12" Flanged Calibrated Balancing Valve (CB-12F).....	25,274.71	774.09
23 05 23 00-0677	EA		4" Grooved Calibrated Balancing Valve (CB-4G).....	2,998.86	39.97
23 05 23 00-0678	EA		5" Grooved Calibrated Balancing Valve (CB-5G).....	3,458.20	50.97
23 05 23 00-0679	EA		6" Grooved Calibrated Balancing Valve (CB-6G).....	4,595.60	65.36
23 05 23 00-0680	EA		8" Grooved Calibrated Balancing Valve (CB-8G).....	8,603.51	82.95
23 05 23 00-0681	EA		10" Grooved Calibrated Balancing Valve (CB-10G).....	11,565.98	92.94
23 05 23 00-0682	EA		12" Grooved Calibrated Balancing Valve (CB-12G).....	23,817.31	113.33
23 05 23 00-0683			Butterfly Valves (23 05 23)		
23 05 23 00-0684			Cast Iron Body, Iron Disc, 150 PSI, Wafer Type, Butterfly Valves (23 05 23 00-0683)		
			Note: With on-off handle		
23 05 23 00-0685	EA		2" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type.....	358.16	154.73
			For 200 PSI, Add	79.06	
			For Work In Restricted Working Space, Add	58.04	
23 05 23 00-0686	EA		2-1/2" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type.....	368.63	154.98
			For 200 PSI, Add	83.66	
			For Work In Restricted Working Space, Add	58.30	
23 05 23 00-0687	EA		3" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type.....	415.12	181.71
			For 200 PSI, Add	90.10	
			For Work In Restricted Working Space, Add	68.23	
23 05 23 00-0688	EA		4" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type.....	617.32	304.62
			For 200 PSI, Add	113.08	
			For Work In Restricted Working Space, Add	114.52	
23 05 23 00-0689	EA		5" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type.....	786.51	359.79
			For 200 PSI, Add	160.88	
			For Work In Restricted Working Space, Add	135.40	
23 05 23 00-0690	EA		6" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type.....	909.56	399.76
			For 200 PSI, Add	196.74	
			For Work In Restricted Working Space, Add	149.91	
23 05 23 00-0691	EA		8" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type.....	1,187.80	459.72
			For 200 PSI, Add	296.03	
			For Work In Restricted Working Space, Add	171.32	
23 05 23 00-0692	EA		10" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type.....	1,894.70	559.66
			For 200 PSI, Add	573.66	
			For Work In Restricted Working Space, Add	209.87	
23 05 23 00-0693	EA		12" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type.....	2,370.61	679.58
			For 200 PSI, Add	730.87	
			For Work In Restricted Working Space, Add	254.39	
23 05 23 00-0694			Cast Iron Body, Bronze Disc, Gear Operated, 200 LB, Lug Type, Butterfly Valves (23 05 23 00-0683)		
23 05 23 00-0695	EA		2" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	645.45	154.73
			For Work In Restricted Working Space, Add	58.04	
23 05 23 00-0696	EA		2-1/2" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	650.17	154.98
			For Work In Restricted Working Space, Add	58.30	
23 05 23 00-0697	EA		3" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	706.24	181.71
			For Work In Restricted Working Space, Add	68.23	
23 05 23 00-0698	EA		4" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	921.85	304.62
			For Work In Restricted Working Space, Add	114.52	
23 05 23 00-0699	EA		5" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	1,123.60	359.79
			For Work In Restricted Working Space, Add	135.40	
23 05 23 00-0700	EA		6" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	1,244.62	399.76
			For Work In Restricted Working Space, Add	149.91	
23 05 23 00-0701	EA		8" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	1,536.38	459.72
			For Work In Restricted Working Space, Add	171.32	
23 05 23 00-0702	EA		10" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	1,946.41	559.66
			For Work In Restricted Working Space, Add	209.87	
23 05 23 00-0703	EA		12" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	2,659.82	679.58
			For Work In Restricted Working Space, Add	254.39	
23 05 23 00-0704			Cast Iron Body, Bronze Disc, Gear Operated, 150 LB, Lug Type, Butterfly Valves (23 05 23 00-0683)		
23 05 23 00-0705	EA		14" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI.....	4,440.89	904.90
			For 200 PSI, Add	1,164.37	
			For Work In Restricted Working Space, Add	361.96	
23 05 23 00-0706	EA		16" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI.....	5,672.50	1,061.75
			For 200 PSI, Add	1,564.32	
			For Work In Restricted Working Space, Add	398.15	
23 05 23 00-0707	EA		18" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI.....	7,930.71	1,182.40
			For 200 PSI, Add	2,324.18	
			For Work In Restricted Working Space, Add	442.40	
23 05 23 00-0708	EA		20" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI.....	10,197.90	1,327.18
			For 200 PSI, Add	3,074.01	
			For Work In Restricted Working Space, Add	497.69	
23 05 23 00-0709	EA		24" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI.....	13,701.03	1,628.82
			For 200 PSI, Add	4,197.32	
			For Work In Restricted Working Space, Add	612.54	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 23 General-Duty Valves For HVAC Piping**
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 UNIT COST UNIT COST

23 05 23 00-0710	EA	30" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI <i>For 200 PSI, Add</i> <i>For Work In Restricted Working Space, Add</i>	28,304.06	2,574.47
			9,009.89	
			982.98	
23 05 23 00-0711	EA	36" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI <i>For 200 PSI, Add</i> <i>For Work In Restricted Working Space, Add</i>	35,894.81	3,510.64
			11,447.66	
			1,228.73	
23 05 23 00-0712		Polyvinyl Chloride (PVC) Butterfly Valves, With Operator (23 05 23 00-0683)		
23 05 23 00-0713		Polyvinyl Chloride (PVC) Butterfly Valves, Ethylene Propylene Diene Monomer (EPDM) Liner And Seals (23 05 23 00-0712)		
23 05 23 00-0714	EA	1-1/2" Butterfly Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	237.59	101.56
23 05 23 00-0715	EA	2" Butterfly Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	272.64	127.68
23 05 23 00-0716	EA	3" Butterfly Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	313.64	149.64
23 05 23 00-0717	EA	4" Butterfly Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	456.76	253.85
23 05 23 00-0718	EA	6" Butterfly Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	626.12	299.82
23 05 23 00-0719	EA	8" Butterfly Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	849.17	379.77
23 05 23 00-0720	EA	10" Butterfly Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	1,343.40	449.72
23 05 23 00-0721	EA	12" Butterfly Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	1,750.95	549.66
23 05 23 00-0722		Polyvinyl Chloride (PVC) Butterfly Valves, Viton Liner And Seals (23 05 23 00-0712)		
23 05 23 00-0723	EA	1-1/2" Butterfly Valve, Polyvinyl Chloride (PVC) With Viton Liner And Seals	358.31	101.56
23 05 23 00-0724	EA	2" Butterfly Valve, Polyvinyl Chloride (PVC) With Viton Liner And Seals	393.36	127.68
23 05 23 00-0725	EA	3" Butterfly Valve, Polyvinyl Chloride (PVC) With Viton Liner And Seals	457.06	149.64
23 05 23 00-0726	EA	4" Butterfly Valve, Polyvinyl Chloride (PVC) With Viton Liner And Seals	637.33	253.85
23 05 23 00-0727	EA	6" Butterfly Valve, Polyvinyl Chloride (PVC) With Viton Liner And Seals	940.81	299.82
23 05 23 00-0728	EA	8" Butterfly Valve, Polyvinyl Chloride (PVC) With Viton Liner And Seals	1,360.93	379.77
23 05 23 00-0729	EA	10" Butterfly Valve, Polyvinyl Chloride (PVC) With Viton Liner And Seals	2,519.62	449.72
23 05 23 00-0730	EA	12" Butterfly Valve, Polyvinyl Chloride (PVC) With Viton Liner And Seals	3,351.23	549.66
23 05 23 00-0731		Polyvinyl Chloride (PVC)/Polypropylene Butterfly Valves, With Operator (23 05 23 00-0683)		
23 05 23 00-0732		Polyvinyl Chloride (PVC)/Polypropylene Butterfly Valves, Ethylene Propylene Diene Monomer (EPDM) Liner And Seals (23 05 23 00-0731)		
23 05 23 00-0733	EA	2" Butterfly Valve, Polyvinyl Chloride (PVC)/Polypropylene With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	283.16	127.68
23 05 23 00-0734	EA	2-1/2" Butterfly Valve, Polyvinyl Chloride (PVC)/Polypropylene With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	290.91	128.27
23 05 23 00-0735	EA	3" Butterfly Valve, Polyvinyl Chloride (PVC)/Polypropylene With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	321.12	149.64
23 05 23 00-0736	EA	4" Butterfly Valve, Polyvinyl Chloride (PVC)/Polypropylene With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	455.18	253.85
23 05 23 00-0737	EA	6" Butterfly Valve, Polyvinyl Chloride (PVC)/Polypropylene With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	619.95	299.82
23 05 23 00-0738	EA	8" Butterfly Valve, Polyvinyl Chloride (PVC)/Polypropylene With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	934.77	379.77
23 05 23 00-0739	EA	10" Butterfly Valve, Polyvinyl Chloride (PVC)/Polypropylene With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	1,474.67	449.72
23 05 23 00-0740	EA	12" Butterfly Valve, Polyvinyl Chloride (PVC)/Polypropylene With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	1,898.15	549.66
23 05 23 00-0741		Polyvinyl Chloride (PVC)/Polypropylene Butterfly Valves, Viton Liner And Seals (23 05 23 00-0731)		
23 05 23 00-0742	EA	2" Butterfly Valve, Polyvinyl Chloride (PVC)/Polypropylene With Viton Liner And Seals	347.04	52.81
23 05 23 00-0743	EA	2-1/2" Butterfly Valve, Polyvinyl Chloride (PVC)/Polypropylene With Viton Liner And Seals	379.78	63.84
23 05 23 00-0744	EA	3" Butterfly Valve, Polyvinyl Chloride (PVC)/Polypropylene With Viton Liner And Seals	398.81	71.19
23 05 23 00-0745	EA	4" Butterfly Valve, Polyvinyl Chloride (PVC)/Polypropylene With Viton Liner And Seals	466.41	82.20
23 05 23 00-0746	EA	6" Butterfly Valve, Polyvinyl Chloride (PVC)/Polypropylene With Viton Liner And Seals	748.38	133.61
23 05 23 00-0747	EA	8" Butterfly Valve, Polyvinyl Chloride (PVC)/Polypropylene With Viton Liner And Seals	1,603.51	213.77
23 05 23 00-0748	EA	10" Butterfly Valve, Polyvinyl Chloride (PVC)/Polypropylene With Viton Liner And Seals	2,388.50	237.28
23 05 23 00-0749	EA	12" Butterfly Valve, Polyvinyl Chloride (PVC)/Polypropylene With Viton Liner And Seals	3,351.17	267.21
23 05 23 00-0750		Polyvinylidene Fluoride (PVDF) Butterfly Valves, With Operator (23 05 23 00-0683)		
23 05 23 00-0751		Polyvinylidene Fluoride (PVDF) Butterfly Valves, Viton Liner And Seals (23 05 23 00-0750)		
23 05 23 00-0752	EA	2" Butterfly Valve, Polyvinylidene Fluoride (PVDF) With Viton Liner And Seals	950.70	127.68
23 05 23 00-0753	EA	2-1/2" Butterfly Valve, Polyvinylidene Fluoride (PVDF) With Viton Liner And Seals	987.31	128.27
23 05 23 00-0754	EA	3" Butterfly Valve, Polyvinylidene Fluoride (PVDF) With Viton Liner And Seals	1,077.65	149.64
23 05 23 00-0755	EA	4" Butterfly Valve, Polyvinylidene Fluoride (PVDF) With Viton Liner And Seals	1,518.57	253.85
23 05 23 00-0756	EA	6" Butterfly Valve, Polyvinylidene Fluoride (PVDF) With Viton Liner And Seals	2,706.24	299.82
23 05 23 00-0757	EA	8" Butterfly Valve, Polyvinylidene Fluoride (PVDF) With Viton Liner And Seals	5,271.65	379.77
23 05 23 00-0758	EA	10" Butterfly Valve, Polyvinylidene Fluoride (PVDF) With Viton Liner And Seals	7,837.05	449.72
23 05 23 00-0759	EA	12" Butterfly Valve, Polyvinylidene Fluoride (PVDF) With Viton Liner And Seals	9,767.31	549.66

23 05 29 Hangers and Supports for HVAC Piping and Equipment (23 05)

23 05 29 00-0001 Hangers And Supports (23 05 29)

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0002		Clevis Hangers (23 05 29 00-0001)		
23 05 29 00-0003		Steel Clevis Hanger (Cooper B-Line B3100) (23 05 29 00-0002)		
		Note: Type 1.		
23 05 29 00-0004	EA	1/2" Steel Clevis Hanger (Cooper B-Line B3100).....	20.89	9.62
		<i>For Work In Restricted Working Space, Add</i>	5.77	
23 05 29 00-0005	EA	3/4" Steel Clevis Hanger (Cooper B-Line B3100).....	23.03	10.69
		<i>For Work In Restricted Working Space, Add</i>	6.41	
23 05 29 00-0006	EA	1" Steel Clevis Hanger (Cooper B-Line B3100).....	24.21	10.69
		<i>For Work In Restricted Working Space, Add</i>	6.75	
23 05 29 00-0007	EA	1-1/4" Steel Clevis Hanger (Cooper B-Line B3100).....	25.09	11.56
		<i>For Work In Restricted Working Space, Add</i>	6.94	
23 05 29 00-0008	EA	1-1/2" Steel Clevis Hanger (Cooper B-Line B3100).....	25.31	11.56
		<i>For Work In Restricted Working Space, Add</i>	6.94	
23 05 29 00-0009	EA	2" Steel Clevis Hanger (Cooper B-Line B3100).....	26.36	11.76
		<i>For Work In Restricted Working Space, Add</i>	7.13	
23 05 29 00-0010	EA	2-1/2" Steel Clevis Hanger (Cooper B-Line B3100).....	28.68	12.19
		<i>For Work In Restricted Working Space, Add</i>	7.34	
23 05 29 00-0011	EA	3" Steel Clevis Hanger (Cooper B-Line B3100).....	30.48	12.82
		<i>For Work In Restricted Working Space, Add</i>	7.55	
23 05 29 00-0012	EA	3-1/2" Steel Clevis Hanger (Cooper B-Line B3100).....	31.94	14.08
		<i>For Work In Restricted Working Space, Add</i>	8.05	
23 05 29 00-0013	EA	4" Steel Clevis Hanger (Cooper B-Line B3100).....	34.91	14.96
		<i>For Work In Restricted Working Space, Add</i>	8.55	
23 05 29 00-0014	EA	5" Steel Clevis Hanger (Cooper B-Line B3100).....	44.68	17.90
		<i>For Work In Restricted Working Space, Add</i>	10.74	
23 05 29 00-0015	EA	6" Steel Clevis Hanger (Cooper B-Line B3100).....	53.71	21.38
		<i>For Work In Restricted Working Space, Add</i>	12.83	
23 05 29 00-0016	EA	8" Steel Clevis Hanger (Cooper B-Line B3100).....	71.59	26.73
		<i>For Work In Restricted Working Space, Add</i>	16.03	
23 05 29 00-0017	EA	10" Steel Clevis Hanger (Cooper B-Line B3100).....	103.61	36.35
		<i>For Work In Restricted Working Space, Add</i>	21.38	
23 05 29 00-0018	EA	12" Steel Clevis Hanger (Cooper B-Line B3100).....	120.92	40.08
		<i>For Work In Restricted Working Space, Add</i>	24.05	
23 05 29 00-0019	EA	14" Steel Clevis Hanger (Cooper B-Line B3100).....	149.32	44.89
		<i>For Work In Restricted Working Space, Add</i>	27.58	
23 05 29 00-0020	EA	16" Steel Clevis Hanger (Cooper B-Line B3100).....	184.81	53.44
		<i>For Work In Restricted Working Space, Add</i>	32.07	
23 05 29 00-0021	EA	18" Steel Clevis Hanger (Cooper B-Line B3100).....	230.39	66.81
		<i>For Work In Restricted Working Space, Add</i>	40.08	
23 05 29 00-0022	EA	20" Steel Clevis Hanger (Cooper B-Line B3100).....	363.70	80.17
		<i>For Work In Restricted Working Space, Add</i>	48.10	
23 05 29 00-0023	EA	24" Steel Clevis Hanger (Cooper B-Line B3100).....	546.29	93.52
		<i>For Work In Restricted Working Space, Add</i>	56.12	
23 05 29 00-0024		Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) (23 05 29 00-0002)		
23 05 29 00-0025	EA	1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	25.28	9.62
		<i>For Work In Restricted Working Space, Add</i>	5.77	
23 05 29 00-0026	EA	3/4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	27.42	10.69
		<i>For Work In Restricted Working Space, Add</i>	6.41	
23 05 29 00-0027	EA	1" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	28.70	10.69
		<i>For Work In Restricted Working Space, Add</i>	6.75	
23 05 29 00-0028	EA	1-1/4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	29.67	11.56
		<i>For Work In Restricted Working Space, Add</i>	6.94	
23 05 29 00-0029	EA	1-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	30.23	11.56
		<i>For Work In Restricted Working Space, Add</i>	6.94	
23 05 29 00-0030	EA	2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	31.01	11.76
		<i>For Work In Restricted Working Space, Add</i>	7.13	
23 05 29 00-0031	EA	2-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	34.35	12.19
		<i>For Work In Restricted Working Space, Add</i>	7.34	
23 05 29 00-0032	EA	3" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	35.95	12.82
		<i>For Work In Restricted Working Space, Add</i>	7.55	
23 05 29 00-0033	EA	3-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	40.36	14.96
		<i>For Work In Restricted Working Space, Add</i>	8.55	
23 05 29 00-0034	EA	4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	44.06	14.96
		<i>For Work In Restricted Working Space, Add</i>	8.55	
23 05 29 00-0035	EA	5" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	70.49	17.90
		<i>For Work In Restricted Working Space, Add</i>	10.74	
23 05 29 00-0036	EA	6" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	87.08	21.38
		<i>For Work In Restricted Working Space, Add</i>	12.83	
23 05 29 00-0037	EA	8" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	104.12	26.73
		<i>For Work In Restricted Working Space, Add</i>	16.03	
23 05 29 00-0038		Steel Clevis Hanger, Light Duty (Cooper B-Line B3104) (23 05 29 00-0002)		
23 05 29 00-0039	EA	1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104).....	20.73	9.62
		<i>For Work In Restricted Working Space, Add</i>	5.77	
23 05 29 00-0040	EA	3/4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104).....	22.91	10.69
		<i>For Work In Restricted Working Space, Add</i>	6.41	
23 05 29 00-0041	EA	1" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104).....	24.18	10.69
		<i>For Work In Restricted Working Space, Add</i>	6.75	
23 05 29 00-0042	EA	1-1/4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104).....	24.84	11.56
		<i>For Work In Restricted Working Space, Add</i>	6.94	
23 05 29 00-0043	EA	1-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104).....	24.97	11.56
		<i>For Work In Restricted Working Space, Add</i>	6.94	
23 05 29 00-0044	EA	2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104).....	25.68	11.76
		<i>For Work In Restricted Working Space, Add</i>	7.13	

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23 05 29 00-0045	EA	2-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	27.78	12.19
		<i>For Work In Restricted Working Space, Add</i>	7.34	
23 05 29 00-0046	EA	3" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	28.95	12.82
		<i>For Work In Restricted Working Space, Add</i>	7.55	
23 05 29 00-0047	EA	3-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	32.64	14.96
		<i>For Work In Restricted Working Space, Add</i>	8.55	
23 05 29 00-0048	EA	4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	33.51	14.96
		<i>For Work In Restricted Working Space, Add</i>	8.55	
23 05 29 00-0049		Extended Steel Clevis Hanger (Cooper B-Line B3108) <small>(23 05 29 00-0002)</small>		
23 05 29 00-0050	EA	3/4" Steel Extended Clevis Hanger (Cooper B-Line B3108)	28.39	10.69
		<i>For Work In Restricted Working Space, Add</i>	6.41	
23 05 29 00-0051	EA	1" Steel Extended Clevis Hanger (Cooper B-Line B3108)	29.57	10.69
		<i>For Work In Restricted Working Space, Add</i>	6.75	
23 05 29 00-0052	EA	1-1/4" Steel Extended Clevis Hanger (Cooper B-Line B3108)	30.20	11.56
		<i>For Work In Restricted Working Space, Add</i>	6.94	
23 05 29 00-0053	EA	1-1/2" Steel Extended Clevis Hanger (Cooper B-Line B3108)	31.07	11.56
		<i>For Work In Restricted Working Space, Add</i>	6.94	
23 05 29 00-0054	EA	2" Steel Extended Clevis Hanger (Cooper B-Line B3108)	33.15	11.76
		<i>For Work In Restricted Working Space, Add</i>	7.13	
23 05 29 00-0055	EA	2-1/2" Steel Extended Clevis Hanger (Cooper B-Line B3108)	35.38	12.19
		<i>For Work In Restricted Working Space, Add</i>	7.34	
23 05 29 00-0056	EA	3" Steel Extended Clevis Hanger (Cooper B-Line B3108)	37.04	12.82
		<i>For Work In Restricted Working Space, Add</i>	7.55	
23 05 29 00-0057	EA	4" Steel Extended Clevis Hanger (Cooper B-Line B3108)	44.19	14.96
		<i>For Work In Restricted Working Space, Add</i>	8.55	
23 05 29 00-0058	EA	5" Steel Extended Clevis Hanger (Cooper B-Line B3108)	55.73	17.90
		<i>For Work In Restricted Working Space, Add</i>	10.74	
23 05 29 00-0059	EA	6" Steel Extended Clevis Hanger (Cooper B-Line B3108)	68.53	21.38
		<i>For Work In Restricted Working Space, Add</i>	12.83	
23 05 29 00-0060	EA	8" Steel Extended Clevis Hanger (Cooper B-Line B3108)	95.90	26.73
		<i>For Work In Restricted Working Space, Add</i>	16.03	
23 05 29 00-0061	EA	10" Steel Extended Clevis Hanger (Cooper B-Line B3108)	134.05	36.35
		<i>For Work In Restricted Working Space, Add</i>	21.38	
23 05 29 00-0062	EA	12" Steel Extended Clevis Hanger (Cooper B-Line B3108)	150.59	40.08
		<i>For Work In Restricted Working Space, Add</i>	24.05	
23 05 29 00-0063		Steel Clevis Hanger, Flat Top (Cooper B-Line B3109) <small>(23 05 29 00-0002)</small>		
23 05 29 00-0064	EA	2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	34.18	11.76
		<i>For Work In Restricted Working Space, Add</i>	7.13	
23 05 29 00-0065	EA	2-1/2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	36.34	12.19
		<i>For Work In Restricted Working Space, Add</i>	7.34	
23 05 29 00-0066	EA	3" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	38.13	12.82
		<i>For Work In Restricted Working Space, Add</i>	7.55	
23 05 29 00-0067	EA	3-1/2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	42.32	14.96
		<i>For Work In Restricted Working Space, Add</i>	8.55	
23 05 29 00-0068	EA	4" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	44.50	14.96
		<i>For Work In Restricted Working Space, Add</i>	8.55	
23 05 29 00-0069	EA	5" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	55.33	17.90
		<i>For Work In Restricted Working Space, Add</i>	10.74	
23 05 29 00-0070	EA	6" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	64.73	21.38
		<i>For Work In Restricted Working Space, Add</i>	12.83	
23 05 29 00-0071	EA	8" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	85.38	26.73
		<i>For Work In Restricted Working Space, Add</i>	16.03	
23 05 29 00-0072		Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT) <small>(23 05 29 00-0002)</small>		
23 05 29 00-0073	EA	1/2" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	25.72	9.88
		<i>For Work In Restricted Working Space, Add</i>	5.93	
23 05 29 00-0074	EA	3/4" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	27.33	10.69
		<i>For Work In Restricted Working Space, Add</i>	6.41	
23 05 29 00-0075	EA	1" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	28.45	10.69
		<i>For Work In Restricted Working Space, Add</i>	6.75	
23 05 29 00-0076	EA	1-1/4" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	29.52	11.04
		<i>For Work In Restricted Working Space, Add</i>	6.87	
23 05 29 00-0077	EA	1-1/2" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	30.17	11.39
		<i>For Work In Restricted Working Space, Add</i>	7.00	
23 05 29 00-0078	EA	2" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	31.59	11.76
		<i>For Work In Restricted Working Space, Add</i>	7.13	
23 05 29 00-0079	EA	2-1/2" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	35.55	12.29
		<i>For Work In Restricted Working Space, Add</i>	7.29	
23 05 29 00-0080	EA	3" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	41.13	12.82
		<i>For Work In Restricted Working Space, Add</i>	7.55	
23 05 29 00-0081	EA	3-1/2" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	44.74	13.89
		<i>For Work In Restricted Working Space, Add</i>	8.02	
23 05 29 00-0082	EA	4" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	47.17	14.96
		<i>For Work In Restricted Working Space, Add</i>	8.55	
23 05 29 00-0083	EA	5" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	58.91	18.17
		<i>For Work In Restricted Working Space, Add</i>	10.28	
23 05 29 00-0084	EA	6" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	78.02	21.38
		<i>For Work In Restricted Working Space, Add</i>	12.83	
23 05 29 00-0085		Adjustable Hangers <small>(23 05 29 00-0001)</small>		

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0086		Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690) <small>(23 05 29 00-0085)</small>		
		Note: Type 5.		
23 05 29 00-0087	EA	1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690).....	18.97	8.43
		<i>For Work In Restricted Working Space, Add</i>	5.06	
23 05 29 00-0088	EA	3/4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690).....	20.82	9.35
		<i>For Work In Restricted Working Space, Add</i>	5.61	
23 05 29 00-0089	EA	1" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690).....	22.88	10.40
		<i>For Work In Restricted Working Space, Add</i>	6.23	
23 05 29 00-0090	EA	1-1/4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690).....	25.27	11.55
		<i>For Work In Restricted Working Space, Add</i>	6.93	
23 05 29 00-0091	EA	1-1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690).....	26.55	12.12
		<i>For Work In Restricted Working Space, Add</i>	7.28	
23 05 29 00-0092	EA	2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690).....	28.36	12.70
		<i>For Work In Restricted Working Space, Add</i>	7.62	
23 05 29 00-0093	EA	2-1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690).....	32.23	13.28
		<i>For Work In Restricted Working Space, Add</i>	7.97	
23 05 29 00-0094	EA	3" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690).....	33.66	13.85
		<i>For Work In Restricted Working Space, Add</i>	8.31	
23 05 29 00-0095	EA	4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690).....	39.83	15.59
		<i>For Work In Restricted Working Space, Add</i>	9.35	
23 05 29 00-0096		Adjustable Swivel Steel Ring (Cooper B-Line B3170) <small>(23 05 29 00-0085)</small>		
		Note: Type 10.		
23 05 29 00-0097	EA	1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170).....	22.35	10.69
		<i>For Work In Restricted Working Space, Add</i>	6.41	
		<i>For 304 Stainless Steel, Add</i>	6.40	
		<i>For 316 Stainless Steel, Add</i>	8.25	
23 05 29 00-0098	EA	3/4" Adjustable Swivel Steel Ring (Cooper B-Line B3170).....	23.56	10.69
		<i>For Work In Restricted Working Space, Add</i>	6.75	
		<i>For 304 Stainless Steel, Add</i>	7.00	
		<i>For 316 Stainless Steel, Add</i>	9.01	
23 05 29 00-0099	EA	1" Adjustable Swivel Steel Ring (Cooper B-Line B3170).....	24.81	11.76
		<i>For Work In Restricted Working Space, Add</i>	7.13	
		<i>For 304 Stainless Steel, Add</i>	7.00	
		<i>For 316 Stainless Steel, Add</i>	9.01	
23 05 29 00-0100	EA	1-1/4" Adjustable Swivel Steel Ring (Cooper B-Line B3170).....	26.33	12.82
		<i>For Work In Restricted Working Space, Add</i>	7.55	
		<i>For 304 Stainless Steel, Add</i>	7.79	
		<i>For 316 Stainless Steel, Add</i>	10.03	
23 05 29 00-0101	EA	1-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170).....	29.68	14.96
		<i>For Work In Restricted Working Space, Add</i>	8.55	
		<i>For 304 Stainless Steel, Add</i>	7.79	
		<i>For 316 Stainless Steel, Add</i>	10.03	
23 05 29 00-0102	EA	2" Adjustable Swivel Steel Ring (Cooper B-Line B3170).....	31.79	14.96
		<i>For Work In Restricted Working Space, Add</i>	9.16	
		<i>For 304 Stainless Steel, Add</i>	8.25	
		<i>For 316 Stainless Steel, Add</i>	10.63	
23 05 29 00-0103	EA	2-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170).....	34.92	16.04
		<i>For Work In Restricted Working Space, Add</i>	9.87	
		<i>For 304 Stainless Steel, Add</i>	13.40	
		<i>For 316 Stainless Steel, Add</i>	17.26	
23 05 29 00-0104	EA	3" Adjustable Swivel Steel Ring (Cooper B-Line B3170).....	37.75	18.17
		<i>For Work In Restricted Working Space, Add</i>	10.69	
		<i>For 304 Stainless Steel, Add</i>	13.99	
		<i>For 316 Stainless Steel, Add</i>	18.02	
23 05 29 00-0105	EA	3-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170).....	41.85	19.50
		<i>For Work In Restricted Working Space, Add</i>	11.70	
		<i>For 304 Stainless Steel, Add</i>	18.74	
		<i>For 316 Stainless Steel, Add</i>	24.14	
23 05 29 00-0106	EA	4" Adjustable Swivel Steel Ring (Cooper B-Line B3170).....	45.59	21.38
		<i>For Work In Restricted Working Space, Add</i>	12.83	
		<i>For 304 Stainless Steel, Add</i>	18.74	
		<i>For 316 Stainless Steel, Add</i>	24.14	
23 05 29 00-0107	EA	5" Adjustable Swivel Steel Ring (Cooper B-Line B3170).....	53.99	24.05
		<i>For Work In Restricted Working Space, Add</i>	14.43	
		<i>For 304 Stainless Steel, Add</i>	38.87	
		<i>For 316 Stainless Steel, Add</i>	50.07	
23 05 29 00-0108	EA	6" Adjustable Swivel Steel Ring (Cooper B-Line B3170).....	59.42	26.73
		<i>For Work In Restricted Working Space, Add</i>	16.03	
		<i>For 304 Stainless Steel, Add</i>	39.47	
		<i>For 316 Stainless Steel, Add</i>	50.83	
23 05 29 00-0109	EA	8" Adjustable Swivel Steel Ring (Cooper B-Line B3170).....	71.23	32.06
		<i>For Work In Restricted Working Space, Add</i>	19.24	
		<i>For 304 Stainless Steel, Add</i>	46.86	
		<i>For 316 Stainless Steel, Add</i>	60.35	
23 05 29 00-0110		Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) <small>(23 05 29 00-0085)</small>		
23 05 29 00-0111	EA	1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT).....	24.80	10.69
		<i>For Work In Restricted Working Space, Add</i>	6.41	
		<i>For 304 Stainless Steel, Add</i>	22.57	
		<i>For 316 Stainless Steel, Add</i>	29.07	
23 05 29 00-0112	EA	3/4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT).....	25.92	10.69
		<i>For Work In Restricted Working Space, Add</i>	6.75	
		<i>For 304 Stainless Steel, Add</i>	22.57	
		<i>For 316 Stainless Steel, Add</i>	29.07	

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23 05 29 00-0113	EA	1" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT).....	27.17	11.76
		<i>For Work In Restricted Working Space, Add</i>	7.13	
		<i>For 304 Stainless Steel, Add</i>	22.57	
		<i>For 316 Stainless Steel, Add</i>	29.07	
23 05 29 00-0114	EA	1-1/4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT).....	28.57	12.82
		<i>For Work In Restricted Working Space, Add</i>	7.55	
		<i>For 304 Stainless Steel, Add</i>	22.57	
		<i>For 316 Stainless Steel, Add</i>	29.07	
23 05 29 00-0115	EA	1-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT).....	32.21	14.96
		<i>For Work In Restricted Working Space, Add</i>	8.55	
		<i>For 304 Stainless Steel, Add</i>	24.49	
		<i>For 316 Stainless Steel, Add</i>	31.54	
23 05 29 00-0116	EA	2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT).....	34.25	14.96
		<i>For Work In Restricted Working Space, Add</i>	9.16	
		<i>For 304 Stainless Steel, Add</i>	24.49	
		<i>For 316 Stainless Steel, Add</i>	31.54	
23 05 29 00-0117	EA	2-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT).....	42.62	16.04
		<i>For Work In Restricted Working Space, Add</i>	9.87	
		<i>For 304 Stainless Steel, Add</i>	64.22	
		<i>For 316 Stainless Steel, Add</i>	82.71	
23 05 29 00-0118	EA	3" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT).....	47.68	18.17
		<i>For Work In Restricted Working Space, Add</i>	10.69	
		<i>For 304 Stainless Steel, Add</i>	79.53	
		<i>For 316 Stainless Steel, Add</i>	102.43	
23 05 29 00-0119	EA	3-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT).....	52.01	19.50
		<i>For Work In Restricted Working Space, Add</i>	11.70	
		<i>For 304 Stainless Steel, Add</i>	85.80	
		<i>For 316 Stainless Steel, Add</i>	110.50	
23 05 29 00-0120	EA	4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT).....	58.58	21.38
		<i>For Work In Restricted Working Space, Add</i>	12.83	
		<i>For 304 Stainless Steel, Add</i>	104.48	
		<i>For 316 Stainless Steel, Add</i>	134.56	
23 05 29 00-0121	EA	5" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT).....	64.15	24.05
		<i>For Work In Restricted Working Space, Add</i>	14.43	
		<i>For 304 Stainless Steel, Add</i>	105.93	
		<i>For 316 Stainless Steel, Add</i>	136.43	
23 05 29 00-0122	EA	6" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT).....	76.68	26.73
		<i>For Work In Restricted Working Space, Add</i>	16.03	
		<i>For 304 Stainless Steel, Add</i>	153.38	
		<i>For 316 Stainless Steel, Add</i>	197.54	

23 05 29 00-0123 Roller Hangers (23 05 29 00-0001)**23 05 29 00-0124 Single Pipe Roll (Cooper B-Line B3114)** (23 05 29 00-0123)

Note: Excludes rod and nuts. Type 41.

23 05 29 00-0125	EA	2" Single Pipe Roll (Cooper B-Line B3114).....	30.84	8.56
		Note: Excludes rod and nuts.		
		<i>For Work In Restricted Working Space, Add</i>	5.13	
23 05 29 00-0126	EA	2-1/2" Single Pipe Roll (Cooper B-Line B3114).....	34.01	9.63
		Note: Excludes rod and nuts.		
		<i>For Work In Restricted Working Space, Add</i>	5.78	
23 05 29 00-0127	EA	3" Single Pipe Roll (Cooper B-Line B3114).....	38.02	11.23
		Note: Excludes rod and nuts.		
		<i>For Work In Restricted Working Space, Add</i>	6.74	
23 05 29 00-0128	EA	3-1/2" Single Pipe Roll (Cooper B-Line B3114).....	43.73	12.83
		Note: Excludes rod and nuts.		
		<i>For Work In Restricted Working Space, Add</i>	7.70	
23 05 29 00-0129	EA	4" Single Pipe Roll (Cooper B-Line B3114).....	59.30	14.43
		Note: Excludes rod and nuts.		
		<i>For Work In Restricted Working Space, Add</i>	8.66	
23 05 29 00-0130	EA	5" Single Pipe Roll (Cooper B-Line B3114).....	54.00	16.05
		Note: Excludes rod and nuts.		
		<i>For Work In Restricted Working Space, Add</i>	9.62	
23 05 29 00-0131	EA	6" Single Pipe Roll (Cooper B-Line B3114).....	66.95	19.25
		Note: Excludes rod and nuts.		
		<i>For Work In Restricted Working Space, Add</i>	11.55	
23 05 29 00-0132	EA	8" Single Pipe Roll (Cooper B-Line B3114).....	89.05	22.46
		Note: Excludes rod and nuts.		
		<i>For Work In Restricted Working Space, Add</i>	13.47	
23 05 29 00-0133	EA	10" Single Pipe Roll (Cooper B-Line B3114).....	105.61	26.74
		Note: Excludes rod and nuts.		
		<i>For Work In Restricted Working Space, Add</i>	16.04	

23 05 29 00-0134 Adjustable Clevis Roller Hanger (Cooper B-Line B3110) (23 05 29 00-0123)

Note: Type 43.

23 05 29 00-0135	EA	2" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	46.56	15.10
		<i>For Work In Restricted Working Space, Add</i>	8.71	
		<i>For 304 Stainless Steel, Add</i>	115.70	
		<i>For 316 Stainless Steel, Add</i>	149.01	
23 05 29 00-0136	EA	2-1/2" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	48.65	15.56
		<i>For Work In Restricted Working Space, Add</i>	9.34	
		<i>For 304 Stainless Steel, Add</i>	115.70	
		<i>For 316 Stainless Steel, Add</i>	149.01	
23 05 29 00-0137	EA	3" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	52.73	16.26
		<i>For Work In Restricted Working Space, Add</i>	9.95	
		<i>For 304 Stainless Steel, Add</i>	129.03	
		<i>For 316 Stainless Steel, Add</i>	166.18	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0138	EA		3-1/2" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	60.85	17.42
			<i>For Work In Restricted Working Space, Add</i>	10.45	
			<i>For 304 Stainless Steel, Add</i>	171.73	
			<i>For 316 Stainless Steel, Add</i>	221.17	
23 05 29 00-0139	EA		4" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	64.73	19.74
			<i>For Work In Restricted Working Space, Add</i>	11.61	
			<i>For 304 Stainless Steel, Add</i>	171.73	
			<i>For 316 Stainless Steel, Add</i>	221.17	
23 05 29 00-0140	EA		5" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	72.88	21.25
			<i>For Work In Restricted Working Space, Add</i>	12.75	
			<i>For 304 Stainless Steel, Add</i>	200.51	
			<i>For 316 Stainless Steel, Add</i>	258.23	
23 05 29 00-0141	EA		6" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	84.18	23.23
			<i>For Work In Restricted Working Space, Add</i>	13.94	
			<i>For 304 Stainless Steel, Add</i>	249.02	
			<i>For 316 Stainless Steel, Add</i>	320.71	
23 05 29 00-0142	EA		8" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	114.53	29.03
			<i>For Work In Restricted Working Space, Add</i>	17.42	
			<i>For 304 Stainless Steel, Add</i>	372.70	
			<i>For 316 Stainless Steel, Add</i>	480.00	
23 05 29 00-0143	EA		10" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	144.68	39.49
			<i>For Work In Restricted Working Space, Add</i>	23.22	
			<i>For 304 Stainless Steel, Add</i>	443.98	
			<i>For 316 Stainless Steel, Add</i>	571.80	
23 05 29 00-0144	EA		12" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	185.99	43.54
			<i>For Work In Restricted Working Space, Add</i>	26.13	
			<i>For 304 Stainless Steel, Add</i>	652.74	
			<i>For 316 Stainless Steel, Add</i>	840.65	
23 05 29 00-0145	EA		14" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	373.93	49.93
			<i>For Work In Restricted Working Space, Add</i>	29.96	
			<i>For 304 Stainless Steel, Add</i>	1,808.86	
			<i>For 316 Stainless Steel, Add</i>	2,329.60	
23 05 29 00-0146	EA		16" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	467.92	58.06
			<i>For Work In Restricted Working Space, Add</i>	34.84	
			<i>For 304 Stainless Steel, Add</i>	2,321.88	
			<i>For 316 Stainless Steel, Add</i>	2,990.30	
23 05 29 00-0147			Roller Chair (Cooper B-Line B3120) (23 05 29 00-0123)		
23 05 29 00-0148	EA		2" Steel Roller Chair (Cooper B-Line B3120).....	45.40	15.10
			<i>For Work In Restricted Working Space, Add</i>	8.71	
23 05 29 00-0149	EA		2-1/2" Steel Roller Chair (Cooper B-Line B3120).....	48.90	15.56
			<i>For Work In Restricted Working Space, Add</i>	9.34	
23 05 29 00-0150	EA		3" Steel Roller Chair (Cooper B-Line B3120).....	51.36	16.26
			<i>For Work In Restricted Working Space, Add</i>	9.95	
23 05 29 00-0151	EA		3-1/2" Steel Roller Chair (Cooper B-Line B3120).....	57.99	17.42
			<i>For Work In Restricted Working Space, Add</i>	10.45	
23 05 29 00-0152	EA		4" Steel Roller Chair (Cooper B-Line B3120).....	64.61	19.74
			<i>For Work In Restricted Working Space, Add</i>	11.61	
23 05 29 00-0153	EA		5" Steel Roller Chair (Cooper B-Line B3120).....	70.64	21.25
			<i>For Work In Restricted Working Space, Add</i>	12.75	
23 05 29 00-0154	EA		6" Steel Roller Chair (Cooper B-Line B3120).....	85.64	23.23
			<i>For Work In Restricted Working Space, Add</i>	13.94	
23 05 29 00-0155	EA		8" Steel Roller Chair (Cooper B-Line B3120).....	111.04	29.03
			<i>For Work In Restricted Working Space, Add</i>	17.42	
23 05 29 00-0156	EA		10" Steel Roller Chair (Cooper B-Line B3120).....	143.87	39.49
			<i>For Work In Restricted Working Space, Add</i>	23.22	
23 05 29 00-0157	EA		12" Steel Roller Chair (Cooper B-Line B3120).....	183.87	43.54
			<i>For Work In Restricted Working Space, Add</i>	26.13	
23 05 29 00-0158	EA		14" Steel Roller Chair (Cooper B-Line B3120).....	201.38	49.93
			<i>For Work In Restricted Working Space, Add</i>	29.96	
23 05 29 00-0159	EA		16" Steel Roller Chair (Cooper B-Line B3120).....	242.13	58.06
			<i>For Work In Restricted Working Space, Add</i>	34.84	
23 05 29 00-0160	EA		18" Steel Roller Chair (Cooper B-Line B3120).....	324.58	72.57
			<i>For Work In Restricted Working Space, Add</i>	43.55	
23 05 29 00-0161	EA		20" Steel Roller Chair (Cooper B-Line B3120).....	400.78	87.09
			<i>For Work In Restricted Working Space, Add</i>	52.25	
23 05 29 00-0162			Adjustable Roller Support (Cooper B-Line B3122) (23 05 29 00-0123)		
23 05 29 00-0163	EA		2" Steel Adjustable Roller Support (Cooper B-Line B3122).....	50.79	15.10
			<i>For Work In Restricted Working Space, Add</i>	8.71	
23 05 29 00-0164	EA		2-1/2" Steel Adjustable Roller Support (Cooper B-Line B3122).....	56.87	15.56
			<i>For Work In Restricted Working Space, Add</i>	9.34	
23 05 29 00-0165	EA		3" Steel Adjustable Roller Support (Cooper B-Line B3122).....	59.86	16.26
			<i>For Work In Restricted Working Space, Add</i>	9.95	
23 05 29 00-0166	EA		3-1/2" Steel Adjustable Roller Support (Cooper B-Line B3122).....	63.19	17.42
			<i>For Work In Restricted Working Space, Add</i>	10.45	
23 05 29 00-0167	EA		4" Steel Adjustable Roller Support (Cooper B-Line B3122).....	75.51	19.74
			<i>For Work In Restricted Working Space, Add</i>	11.61	
23 05 29 00-0168	EA		5" Steel Adjustable Roller Support (Cooper B-Line B3122).....	85.40	21.25
			<i>For Work In Restricted Working Space, Add</i>	12.75	
23 05 29 00-0169	EA		6" Steel Adjustable Roller Support (Cooper B-Line B3122).....	98.97	23.23
			<i>For Work In Restricted Working Space, Add</i>	13.94	
23 05 29 00-0170	EA		8" Steel Adjustable Roller Support (Cooper B-Line B3122).....	138.47	29.03
			<i>For Work In Restricted Working Space, Add</i>	17.42	
23 05 29 00-0171	EA		10" Steel Adjustable Roller Support (Cooper B-Line B3122).....	173.45	39.49
			<i>For Work In Restricted Working Space, Add</i>	23.22	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0172	EA		12" Steel Adjustable Roller Support (Cooper B-Line B3122) <i>For Work In Restricted Working Space, Add</i>	200.25 26.13	43.54
23 05 29 00-0173	EA		14" Steel Adjustable Roller Support (Cooper B-Line B3122) <i>For Work In Restricted Working Space, Add</i>	279.76 29.96	49.93
23 05 29 00-0174	EA		16" Steel Adjustable Roller Support (Cooper B-Line B3122) <i>For Work In Restricted Working Space, Add</i>	334.84 34.84	58.06
23 05 29 00-0175	EA		18" Steel Adjustable Roller Support (Cooper B-Line B3122) <i>For Work In Restricted Working Space, Add</i>	382.27 43.55	72.57
23 05 29 00-0176			Adjustable Double Roller Support (Cooper B-Line B3122A) (23 05 29 00-0123)		
23 05 29 00-0177	EA		2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A) <i>For Work In Restricted Working Space, Add</i>	51.10 8.71	15.10
23 05 29 00-0178	EA		2-1/2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A) <i>For Work In Restricted Working Space, Add</i>	57.14 9.34	15.56
23 05 29 00-0179	EA		3" Steel Adjustable Double Roller Support (Cooper B-Line B3122A) <i>For Work In Restricted Working Space, Add</i>	60.33 9.95	16.26
23 05 29 00-0180	EA		3-1/2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A) <i>For Work In Restricted Working Space, Add</i>	62.78 10.45	17.42
23 05 29 00-0181	EA		4" Steel Adjustable Double Roller Support (Cooper B-Line B3122A) <i>For Work In Restricted Working Space, Add</i>	78.65 11.61	19.74
23 05 29 00-0182	EA		5" Steel Adjustable Double Roller Support (Cooper B-Line B3122A) <i>For Work In Restricted Working Space, Add</i>	89.10 12.75	21.25
23 05 29 00-0183	EA		6" Steel Adjustable Double Roller Support (Cooper B-Line B3122A) <i>For Work In Restricted Working Space, Add</i>	103.39 13.94	23.23
23 05 29 00-0184	EA		8" Steel Adjustable Double Roller Support (Cooper B-Line B3122A) <i>For Work In Restricted Working Space, Add</i>	145.32 17.42	29.03
23 05 29 00-0185	EA		10" Steel Adjustable Double Roller Support (Cooper B-Line B3122A) <i>For Work In Restricted Working Space, Add</i>	181.67 23.22	39.49
23 05 29 00-0186	EA		12" Steel Adjustable Double Roller Support (Cooper B-Line B3122A) <i>For Work In Restricted Working Space, Add</i>	209.87 26.13	43.54
23 05 29 00-0187	EA		14" Steel Adjustable Double Roller Support (Cooper B-Line B3122A) <i>For Work In Restricted Working Space, Add</i>	295.14 29.96	49.93
23 05 29 00-0188			Pipe And Riser Clamps (23 05 29 00-0001) Note: Includes bolts and weldless eye nuts.		
23 05 29 00-0189			Steel Pipe Clamp (Cooper B-Line B3140) (23 05 29 00-0188) Note: Type 4.		
23 05 29 00-0190	EA		1/2" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	17.93 4.16	6.93
23 05 29 00-0191	EA		3/4" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	18.16 4.22	7.04
23 05 29 00-0192	EA		1" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	18.42 4.29	7.16
23 05 29 00-0193	EA		1-1/4" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	19.89 4.36	7.27
23 05 29 00-0194	EA		1-1/2" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	20.12 4.43	7.39
23 05 29 00-0195	EA		2" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	21.30 4.50	7.50
23 05 29 00-0196	EA		2-1/2" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	22.13 4.64	7.73
23 05 29 00-0197	EA		3" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	23.37 4.78	7.96
23 05 29 00-0198	EA		3-1/2" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	26.68 4.85	8.09
23 05 29 00-0199	EA		4" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	31.30 6.23	10.40
23 05 29 00-0200	EA		5" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	44.52 8.31	13.85
23 05 29 00-0201	EA		6" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	60.42 10.39	17.32
23 05 29 00-0202	EA		8" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	71.04 12.12	20.21
23 05 29 00-0203	EA		10" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	101.40 13.85	23.09
23 05 29 00-0204	EA		12" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	136.22 15.24	25.40
23 05 29 00-0205	EA		14" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	215.74 16.63	27.71
23 05 29 00-0206	EA		16" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	233.84 18.01	30.02
23 05 29 00-0207	EA		18" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	374.27 19.40	32.33
23 05 29 00-0208	EA		20" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	431.87 20.78	34.64
23 05 29 00-0209	EA		24" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	560.46 22.86	38.10
23 05 29 00-0210			Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) (23 05 29 00-0188)		
23 05 29 00-0211	EA		3" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) <i>For Work In Restricted Working Space, Add</i>	34.43 4.46	7.48
23 05 29 00-0212	EA		4" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) <i>For Work In Restricted Working Space, Add</i>	44.49 4.46	7.48

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0213	EA		5" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)..... <i>For Work In Restricted Working Space, Add</i>	48.70 4.64	7.75
23 05 29 00-0214	EA		6" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)..... <i>For Work In Restricted Working Space, Add</i>	76.40 4.64	8.02
23 05 29 00-0215	EA		8" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)..... <i>For Work In Restricted Working Space, Add</i>	83.05 5.12	8.55
23 05 29 00-0216	EA		10" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)..... <i>For Work In Restricted Working Space, Add</i>	140.26 5.12	8.55
23 05 29 00-0217	EA		12" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)..... <i>For Work In Restricted Working Space, Add</i>	225.64 5.77	9.62
23 05 29 00-0218	EA		14" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)..... <i>For Work In Restricted Working Space, Add</i>	285.80 6.41	10.69
23 05 29 00-0219	EA		16" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)..... <i>For Work In Restricted Working Space, Add</i>	311.14 7.70	12.82
23 05 29 00-0220	EA		8" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)..... <i>For Work In Restricted Working Space, Add</i>	959.50 8.98	14.96
23 05 29 00-0221	EA		20" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)..... <i>For Work In Restricted Working Space, Add</i>	1,102.52 9.62	16.04
23 05 29 00-0222	EA		24" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)..... <i>For Work In Restricted Working Space, Add</i>	1,411.10 10.26	17.10
23 05 29 00-0223 Steel Riser Clamp (Cooper B-Line B3373) (23 05 29 00-0188)					
Note: Type 8.					
23 05 29 00-0224	EA		1/2" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	17.93 3.85	6.42
23 05 29 00-0225	EA		3/4" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	18.61 3.91	6.52
23 05 29 00-0226	EA		1" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	18.90 3.98	6.63
23 05 29 00-0227	EA		1-1/4" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	20.29 4.04	6.73
23 05 29 00-0228	EA		1-1/2" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	21.03 4.10	6.84
23 05 29 00-0229	EA		2" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	21.52 4.17	6.95
23 05 29 00-0230	EA		2-1/2" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	22.41 4.30	7.16
23 05 29 00-0231	EA		3" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	23.69 4.43	7.37
23 05 29 00-0232	EA		3-1/2" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	25.83 4.49	7.48
23 05 29 00-0233	EA		4" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	31.54 5.77	9.62
23 05 29 00-0234	EA		5" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	40.91 7.70	12.82
23 05 29 00-0235	EA		6" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	51.80 9.62	16.04
23 05 29 00-0236	EA		8" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	69.72 11.22	18.71
23 05 29 00-0237	EA		10" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	90.57 12.83	21.38
23 05 29 00-0238	EA		12" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	108.79 14.11	23.51
23 05 29 00-0239	EA		14" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	144.22 15.39	25.66
23 05 29 00-0240	EA		16" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	267.70 16.67	27.79
23 05 29 00-0241 Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C) (23 05 29 00-0188)					
23 05 29 00-0242	EA		1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	30.07 3.85	6.42
23 05 29 00-0243	EA		3/4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	30.53 3.91	6.52
23 05 29 00-0244	EA		1" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	31.75 3.98	6.63
23 05 29 00-0245	EA		1-1/4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	33.83 4.04	6.73
23 05 29 00-0246	EA		1-1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	37.96 4.10	6.84
23 05 29 00-0247	EA		2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	40.23 4.17	6.95
23 05 29 00-0248	EA		2-1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	43.43 4.30	7.16
23 05 29 00-0249	EA		3" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	47.56 4.43	7.37
23 05 29 00-0250	EA		4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	64.29 5.77	9.62
23 05 29 00-0251 Copper Tubing Riser Clamp (Cooper B-Line B3373CT) (23 05 29 00-0188)					
23 05 29 00-0252	EA		1/2" Copper Tubing Riser Clamp (Cooper B-Line B3373CT).....	30.91	6.42
23 05 29 00-0253	EA		3/4" Copper Tubing Riser Clamp (Cooper B-Line B3373CT).....	31.13	6.52
23 05 29 00-0254	EA		1" Copper Tubing Riser Clamp (Cooper B-Line B3373CT).....	31.35	6.63
23 05 29 00-0255	EA		1-1/4" Copper Tubing Riser Clamp (Cooper B-Line B3373CT).....	32.14	6.73
23 05 29 00-0256	EA		1-1/2" Copper Tubing Riser Clamp (Cooper B-Line B3373CT).....	36.48	6.84
23 05 29 00-0257	EA		2" Copper Tubing Riser Clamp (Cooper B-Line B3373CT).....	37.93	6.95

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**
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23 05 29 00-0258	EA	2-1/2" Copper Tubing Riser Clamp (Cooper B-Line B3373CT).....	42.64	7.16
23 05 29 00-0259	EA	3" Copper Tubing Riser Clamp (Cooper B-Line B3373CT).....	47.51	7.37
23 05 29 00-0260	EA	3-1/2" Copper Tubing Riser Clamp (Cooper B-Line B3373CT).....	58.46	7.48
23 05 29 00-0261	EA	4" Copper Tubing Riser Clamp (Cooper B-Line B3373CT).....	63.18	9.62
23 05 29 00-0262	EA	5" Copper Tubing Riser Clamp (Cooper B-Line B3373CT).....	84.01	12.82
23 05 29 00-0263	EA	6" Copper Tubing Riser Clamp (Cooper B-Line B3373CT).....	107.23	16.04

23 05 29 00-0264 Two Bolt Steel Underground Clamp (Cooper B-Line B3132) (23 05 29 00-0188)

Note: Type 42

23 05 29 00-0265	EA	4" Two Bolt Steel Underground Clamp (Cooper B-Line B3132).....	65.47	7.48
		<i>For Work In Restricted Working Space, Add</i>	4.46	
23 05 29 00-0266	EA	6" Two Bolt Steel Underground Clamp (Cooper B-Line B3132).....	69.55	8.02
		<i>For Work In Restricted Working Space, Add</i>	4.84	
23 05 29 00-0267	EA	8" Two Bolt Steel Underground Clamp (Cooper B-Line B3132).....	76.27	8.55
		<i>For Work In Restricted Working Space, Add</i>	5.12	
23 05 29 00-0268	EA	10" Two Bolt Steel Underground Clamp (Cooper B-Line B3132).....	81.24	8.55
		<i>For Work In Restricted Working Space, Add</i>	5.12	
23 05 29 00-0269	EA	12" Two Bolt Steel Underground Clamp (Cooper B-Line B3132).....	98.06	9.62
		<i>For Work In Restricted Working Space, Add</i>	5.77	
23 05 29 00-0270	EA	14" Two Bolt Steel Underground Clamp (Cooper B-Line B3132).....	298.55	10.69
		<i>For Work In Restricted Working Space, Add</i>	6.41	
23 05 29 00-0271	EA	16" Two Bolt Steel Underground Clamp (Cooper B-Line B3132).....	399.49	12.82
		<i>For Work In Restricted Working Space, Add</i>	7.70	
23 05 29 00-0272	EA	18" Two Bolt Steel Underground Clamp (Cooper B-Line B3132).....	475.93	14.96
		<i>For Work In Restricted Working Space, Add</i>	8.98	
23 05 29 00-0273	EA	20" Two Bolt Steel Underground Clamp (Cooper B-Line B3132).....	691.50	16.04
		<i>For Work In Restricted Working Space, Add</i>	9.62	
23 05 29 00-0274	EA	24" Two Bolt Steel Underground Clamp (Cooper B-Line B3132).....	951.51	17.10
		<i>For Work In Restricted Working Space, Add</i>	10.26	

23 05 29 00-0275 Four Bolt Steel Underground Clamp (Cooper B-Line B3134) (23 05 29 00-0188)

23 05 29 00-0276	EA	4" Four Bolt Steel Underground Clamp (Cooper B-Line B3134).....	60.61	7.48
		<i>For Work In Restricted Working Space, Add</i>	4.46	
23 05 29 00-0277	EA	6" Four Bolt Steel Underground Clamp (Cooper B-Line B3134).....	65.38	8.02
		<i>For Work In Restricted Working Space, Add</i>	4.84	
23 05 29 00-0278	EA	8" Four Bolt Steel Underground Clamp (Cooper B-Line B3134).....	112.52	8.55
		<i>For Work In Restricted Working Space, Add</i>	5.12	
23 05 29 00-0279	EA	10" Four Bolt Steel Underground Clamp (Cooper B-Line B3134).....	124.82	8.55
		<i>For Work In Restricted Working Space, Add</i>	5.12	
23 05 29 00-0280	EA	12" Four Bolt Steel Underground Clamp (Cooper B-Line B3134).....	178.42	9.62
		<i>For Work In Restricted Working Space, Add</i>	5.77	
23 05 29 00-0281	EA	14" Four Bolt Steel Underground Clamp (Cooper B-Line B3134).....	272.32	10.69
		<i>For Work In Restricted Working Space, Add</i>	6.41	
23 05 29 00-0282	EA	16" Four Bolt Steel Underground Clamp (Cooper B-Line B3134).....	364.81	12.82
		<i>For Work In Restricted Working Space, Add</i>	7.70	
23 05 29 00-0283	EA	18" Four Bolt Steel Underground Clamp (Cooper B-Line B3134).....	434.12	14.96
		<i>For Work In Restricted Working Space, Add</i>	8.98	
23 05 29 00-0284	EA	20" Four Bolt Steel Underground Clamp (Cooper B-Line B3134).....	632.77	16.04
		<i>For Work In Restricted Working Space, Add</i>	9.62	
23 05 29 00-0285	EA	24" Four Bolt Steel Underground Clamp (Cooper B-Line B3134).....	864.59	17.10
		<i>For Work In Restricted Working Space, Add</i>	10.26	

23 05 29 00-0286 Split Pipe Clamps And Rings (23 05 29 00-0001)**23 05 29 00-0287 Adjustable Split Ring Swivel Hanger (Cooper B-Line B3171) (23 05 29 00-0286)**

Note: Type 6.

23 05 29 00-0288	EA	3/4" Adjustable Swivel Ring (Cooper B-Line B3171).....	29.44	9.81
		<i>For Work In Restricted Working Space, Add</i>	5.89	
23 05 29 00-0289	EA	1" Adjustable Swivel Ring (Cooper B-Line B3171).....	31.18	10.40
		<i>For Work In Restricted Working Space, Add</i>	6.23	
23 05 29 00-0290	EA	1-1/4" Adjustable Swivel Ring (Cooper B-Line B3171).....	33.99	11.55
		<i>For Work In Restricted Working Space, Add</i>	6.93	
23 05 29 00-0291	EA	1-1/2" Adjustable Swivel Ring (Cooper B-Line B3171).....	36.52	12.12
		<i>For Work In Restricted Working Space, Add</i>	7.28	
23 05 29 00-0292	EA	2" Adjustable Swivel Ring (Cooper B-Line B3171).....	39.32	12.70
		<i>For Work In Restricted Working Space, Add</i>	7.62	
23 05 29 00-0293	EA	2-1/2" Adjustable Swivel Ring (Cooper B-Line B3171).....	47.76	13.28
		<i>For Work In Restricted Working Space, Add</i>	7.97	
23 05 29 00-0294	EA	3" Adjustable Swivel Ring (Cooper B-Line B3171).....	52.18	13.85
		<i>For Work In Restricted Working Space, Add</i>	8.31	
23 05 29 00-0295	EA	4" Adjustable Swivel Ring (Cooper B-Line B3171).....	68.51	15.59
		<i>For Work In Restricted Working Space, Add</i>	9.35	
23 05 29 00-0296	EA	5" Adjustable Swivel Ring (Cooper B-Line B3171).....	87.04	19.63
		<i>For Work In Restricted Working Space, Add</i>	11.78	
23 05 29 00-0297	EA	6" Adjustable Swivel Ring (Cooper B-Line B3171).....	115.35	23.09
		<i>For Work In Restricted Working Space, Add</i>	13.85	

23 05 29 00-0298 Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) (23 05 29 00-0286)

Note: Type 11.

23 05 29 00-0299	EA	1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R).....	19.76	8.13
		<i>For Work In Restricted Working Space, Add</i>	4.97	
23 05 29 00-0300	EA	3/4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R).....	20.82	8.13
		<i>For Work In Restricted Working Space, Add</i>	5.20	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0301	EA		1" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)..... <i>For Work In Restricted Working Space, Add</i>	22.95 5.80	10.45
23 05 29 00-0302	EA		1-1/4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)..... <i>For Work In Restricted Working Space, Add</i>	24.84 6.11	10.45
23 05 29 00-0303	EA		1-1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)..... <i>For Work In Restricted Working Space, Add</i>	27.48 6.33	10.45
23 05 29 00-0304	EA		2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)..... <i>For Work In Restricted Working Space, Add</i>	31.91 6.97	11.61
23 05 29 00-0305	EA		2-1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)..... <i>For Work In Restricted Working Space, Add</i>	41.52 7.25	11.61
23 05 29 00-0306	EA		3" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)..... <i>For Work In Restricted Working Space, Add</i>	45.90 7.57	12.77
23 05 29 00-0307	EA		4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)..... <i>For Work In Restricted Working Space, Add</i>	49.00 8.29	13.93
23 05 29 00-0308			Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H) (23 05 29 00-0286) Note: Type 12.		
23 05 29 00-0309	EA		1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)..... <i>For Work In Restricted Working Space, Add</i>	19.76 4.97	8.13
23 05 29 00-0310	EA		3/4" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)..... <i>For Work In Restricted Working Space, Add</i>	20.82 5.20	8.71
23 05 29 00-0311	EA		1" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)..... <i>For Work In Restricted Working Space, Add</i>	22.95 5.80	9.87
23 05 29 00-0312	EA		1-1/4" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)..... <i>For Work In Restricted Working Space, Add</i>	24.84 6.11	10.45
23 05 29 00-0313	EA		1-1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)..... <i>For Work In Restricted Working Space, Add</i>	27.48 6.33	10.45
23 05 29 00-0314	EA		2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)..... <i>For Work In Restricted Working Space, Add</i>	31.91 6.97	11.61
23 05 29 00-0315	EA		2-1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)..... <i>For Work In Restricted Working Space, Add</i>	41.52 7.25	12.18
23 05 29 00-0316	EA		3" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)..... <i>For Work In Restricted Working Space, Add</i>	45.90 7.57	12.77
23 05 29 00-0317			Pipe Straps (23 05 29 00-0001)		
23 05 29 00-0318			Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B-3180) (23 05 29 00-0317)		
23 05 29 00-0319	EA		1/2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)..... <i>For Work In Restricted Working Space, Add</i>	13.49 3.48	5.80
23 05 29 00-0320	EA		3/4" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)..... <i>For Work In Restricted Working Space, Add</i>	14.09 3.66	6.97
23 05 29 00-0321	EA		1" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)..... <i>For Work In Restricted Working Space, Add</i>	14.78 3.87	6.97
23 05 29 00-0322	EA		1-1/4" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)..... <i>For Work In Restricted Working Space, Add</i>	15.62 4.10	6.97
23 05 29 00-0323	EA		1-1/2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)..... <i>For Work In Restricted Working Space, Add</i>	16.54 4.35	8.13
23 05 29 00-0324	EA		2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)..... <i>For Work In Restricted Working Space, Add</i>	18.82 4.64	8.13
23 05 29 00-0325	EA		2-1/2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)..... <i>For Work In Restricted Working Space, Add</i>	22.61 4.97	8.13
23 05 29 00-0326	EA		3" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)..... <i>For Work In Restricted Working Space, Add</i>	28.43 5.36	8.13
23 05 29 00-0327	EA		4" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)..... <i>For Work In Restricted Working Space, Add</i>	33.61 6.27	10.45
23 05 29 00-0328	EA		6" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)..... <i>For Work In Restricted Working Space, Add</i>	40.76 6.97	11.61
23 05 29 00-0329	EA		8" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)..... <i>For Work In Restricted Working Space, Add</i>	50.23 7.66	12.77
23 05 29 00-0330			Two Hole Copper-Clad Pipe Straps (23 05 29 00-0317)		
23 05 29 00-0331	EA		1/2" Two Hole Copper-Clad Pipe Strap..... <i>For Work In Restricted Working Space, Add</i>	6.44 1.74	
23 05 29 00-0332	EA		3/4" Two Hole Copper-Clad Pipe Strap..... <i>For Work In Restricted Working Space, Add</i>	6.84 1.83	
23 05 29 00-0333	EA		1" Two Hole Copper-Clad Pipe Strap..... <i>For Work In Restricted Working Space, Add</i>	7.69 1.91	
23 05 29 00-0334	EA		1-1/4" Two Hole Copper-Clad Pipe Strap..... <i>For Work In Restricted Working Space, Add</i>	8.58 2.00	
23 05 29 00-0335	EA		1-1/2" Two Hole Copper-Clad Pipe Strap..... <i>For Work In Restricted Working Space, Add</i>	9.23 2.09	
23 05 29 00-0336	EA		2" Two Hole Copper-Clad Pipe Strap..... <i>For Work In Restricted Working Space, Add</i>	10.01 2.26	
23 05 29 00-0337			One Hole Galvanized Steel Pipe Straps (23 05 29 00-0317)		
23 05 29 00-0338	EA		1/2" One Hole Galvanized Steel Pipe Strap (Anvil 185D)..... <i>For Work In Restricted Working Space, Add</i>	2.77 0.58	
23 05 29 00-0339	EA		3/4" One Hole Galvanized Steel Pipe Strap (Anvil 185D)..... <i>For Work In Restricted Working Space, Add</i>	3.26 0.62	
23 05 29 00-0340	EA		1" One Hole Galvanized Steel Pipe Strap (Anvil 185D)..... <i>For Work In Restricted Working Space, Add</i>	3.51 0.67	
23 05 29 00-0341	EA		1-1/4" Galvanized Steel Strap, 1 Hole..... <i>For Work In Restricted Working Space, Add</i>	3.77 0.73	

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23 05 29 00-0342	EA	1-1/2" Galvanized Steel Strap, 1 Hole	4.05	
		<i>For Work In Restricted Working Space, Add</i>	0.79	
23 05 29 00-0343	EA	2" Galvanized Steel Strap, 1 Hole	4.51	
		<i>For Work In Restricted Working Space, Add</i>	0.87	
23 05 29 00-0344		Pipe and Equipment Support Brackets (23 05 29 00-0001)		
23 05 29 00-0345		Pipe and Equipment Supports, Light Duty Welded Steel Bracket (Cooper B-Line B3068) (23 05 29 00-0344)		
		Note: Up to 750# load.		
23 05 29 00-0346	EA	9" x 9" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068)	109.81	12.82
		<i>For Galvanized, Add</i>	16.83	
		<i>For Work In Restricted Working Space, Add</i>	7.70	
23 05 29 00-0347	EA	13" x 13" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068)	111.35	12.82
		<i>For Galvanized, Add</i>	17.14	
		<i>For Work In Restricted Working Space, Add</i>	7.70	
23 05 29 00-0348	EA	19" x 19" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068)	117.44	12.82
		<i>For Galvanized, Add</i>	18.36	
		<i>For Work In Restricted Working Space, Add</i>	7.70	
23 05 29 00-0349		Pipe and Equipment Supports, Medium Duty Welded Steel Bracket (Cooper B-Line B3066) (23 05 29 00-0344)		
		Note: Up to 1500# load.		
23 05 29 00-0350	EA	12" Wide x 18" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066)	258.50	12.82
		<i>For Galvanized, Add</i>	46.57	
		<i>For Work In Restricted Working Space, Add</i>	7.70	
23 05 29 00-0351	EA	18" Wide x 24" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066)	302.27	12.82
		<i>For Galvanized, Add</i>	55.32	
		<i>For Work In Restricted Working Space, Add</i>	7.70	
23 05 29 00-0352	EA	24" Wide x 30" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066)	391.53	12.82
		<i>For Galvanized, Add</i>	73.17	
		<i>For Work In Restricted Working Space, Add</i>	7.70	
23 05 29 00-0353		Pipe Alignment Guide (23 05 29 00-0001)		
23 05 29 00-0354		Pipe Alignment Guide, 1" Insulation (23 05 29 00-0353)		
23 05 29 00-0355	EA	1/2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1/2)	786.62	20.31
23 05 29 00-0356	EA	3/4" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-3/4)	787.68	20.84
23 05 29 00-0357	EA	1" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1)	788.75	21.38
23 05 29 00-0358	EA	1-1/4" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1-1/4)	789.82	21.91
23 05 29 00-0359	EA	1-1/2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1-1/2)	863.55	22.44
23 05 29 00-0360	EA	2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-2)	879.13	24.58
23 05 29 00-0361	EA	2-1/2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-2-1/2)	880.73	25.39
23 05 29 00-0362	EA	3" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-3)	882.33	26.19
23 05 29 00-0363	EA	4" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-4)	933.74	27.79
23 05 29 00-0364	EA	5" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-5)	1,085.54	35.27
23 05 29 00-0365	EA	6" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-6)	1,100.49	42.75
23 05 29 00-0366	EA	8" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-8)	1,234.20	53.44
23 05 29 00-0367	EA	10" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-10)	2,322.66	64.13
23 05 29 00-0368	EA	12" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-12)	3,549.05	85.50
23 05 29 00-0369	EA	14" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-14)	4,365.36	106.89
23 05 29 00-0370	EA	16" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-16)	5,262.97	119.71
23 05 29 00-0371	EA	18" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-18)	5,671.28	133.61
23 05 29 00-0372	EA	20" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-20)	6,014.52	152.85
23 05 29 00-0373	EA	24" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-24)	7,615.91	160.33
23 05 29 00-0374		Pipe Alignment Guide, 1-1/2" Insulation (23 05 29 00-0353)		
23 05 29 00-0375	EA	1/2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1/2)	787.68	20.84
23 05 29 00-0376	EA	3/4" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-3/4)	861.41	21.38
23 05 29 00-0377	EA	1" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1)	862.48	21.91
23 05 29 00-0378	EA	1-1/4" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1-1/4)	863.55	22.44
23 05 29 00-0379	EA	1-1/2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1-1/2)	864.63	22.98
23 05 29 00-0380	EA	2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-2)	880.20	25.11
23 05 29 00-0381	EA	2-1/2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-2-1/2)	881.80	25.92
23 05 29 00-0382	EA	3" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-3)	931.60	26.73
23 05 29 00-0383	EA	4" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-4)	934.81	28.33
23 05 29 00-0384	EA	5" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-5)	1,087.14	36.07
23 05 29 00-0385	EA	6" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-6)	1,102.64	43.82
23 05 29 00-0386	EA	8" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-8)	1,236.87	54.78
23 05 29 00-0387	EA	10" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-10)	2,325.86	65.73
23 05 29 00-0388	EA	12" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-12)	3,553.32	87.65
23 05 29 00-0389	EA	14" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-14)	4,370.71	109.56
23 05 29 00-0390	EA	16" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-16)	5,269.38	122.92
23 05 29 00-0391	EA	18" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-18)	5,677.70	136.82
23 05 29 00-0392	EA	20" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-20)	6,022.01	156.58
23 05 29 00-0393	EA	24" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-24)	7,623.92	164.34
23 05 29 00-0394		Pipe Alignment Guide, 2" Insulation (23 05 29 00-0353)		
23 05 29 00-0395	EA	1/2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1/2)	861.41	21.38
23 05 29 00-0396	EA	3/4" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-3/4)	873.78	21.91
23 05 29 00-0397	EA	1" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1)	874.85	22.44

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0398	EA		1-1/4" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1-1/4).....	875.93	22.98
23 05 29 00-0399	EA		1-1/2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1-1/2).....	876.99	23.51
23 05 29 00-0400	EA		2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-2).....	929.46	25.66
23 05 29 00-0401	EA		2-1/2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-2-1/2).....	931.60	26.73
23 05 29 00-0402	EA		3" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-3).....	932.94	27.39
23 05 29 00-0403	EA		4" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-4).....	1,072.71	28.86
23 05 29 00-0404	EA		5" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-5).....	1,088.74	36.88
23 05 29 00-0405	EA		6" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-6).....	1,217.10	44.89
23 05 29 00-0406	EA		8" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-8).....	1,363.93	56.12
23 05 29 00-0407	EA		10" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-10).....	2,329.06	67.34
23 05 29 00-0408	EA		12" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-12).....	3,557.60	89.79
23 05 29 00-0409	EA		14" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-14).....	4,376.05	112.23
23 05 29 00-0410	EA		16" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-16).....	5,275.55	126.01
23 05 29 00-0411	EA		18" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-18).....	5,684.65	140.28
23 05 29 00-0412	EA		20" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-20).....	6,029.49	160.33
23 05 29 00-0413	EA		24" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-24).....	7,631.94	168.35
23 05 29 00-0414 Pipe Alignment Guide, 2-1/2" Insulation (23 05 29 00-0353)					
23 05 29 00-0415	EA		1/2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1/2).....	873.78	21.91
23 05 29 00-0416	EA		3/4" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-3/4).....	923.05	22.44
23 05 29 00-0417	EA		1" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1).....	924.13	22.98
23 05 29 00-0418	EA		1-1/4" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1-1/4).....	925.19	23.51
23 05 29 00-0419	EA		1-1/2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1-1/2).....	926.26	24.05
23 05 29 00-0420	EA		2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-2).....	930.53	26.19
23 05 29 00-0421	EA		2-1/2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-2-1/2).....	932.94	27.39
23 05 29 00-0422	EA		3" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-3).....	1,071.11	28.05
23 05 29 00-0423	EA		4" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-4).....	1,073.78	29.39
23 05 29 00-0424	EA		5" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-5).....	1,202.13	37.41
23 05 29 00-0425	EA		6" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-6).....	1,219.23	45.97
23 05 29 00-0426	EA		8" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-8).....	2,309.29	57.45
23 05 29 00-0427	EA		10" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-10).....	3,515.92	68.94
23 05 29 00-0428	EA		12" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-12).....	4,335.43	91.92
23 05 29 00-0429	EA		14" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-14).....	4,382.18	114.90
23 05 29 00-0430	EA		16" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-16).....	5,282.21	129.33
23 05 29 00-0431	EA		18" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-18).....	5,691.59	143.76
23 05 29 00-0432	EA		20" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-20).....	6,037.50	164.34
23 05 29 00-0433	EA		24" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-24).....	7,640.49	172.62
23 05 29 00-0434 Pipe Alignment Guide, 3" Insulation (23 05 29 00-0353)					
23 05 29 00-0435	EA		1/2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1/2).....	923.05	22.44
23 05 29 00-0436	EA		3/4" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-3/4).....	924.13	22.98
23 05 29 00-0437	EA		1" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1).....	925.19	23.51
23 05 29 00-0438	EA		1-1/4" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1-1/4).....	926.26	24.05
23 05 29 00-0439	EA		1-1/2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1-1/2).....	927.33	24.58
23 05 29 00-0440	EA		2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-2).....	1,068.43	26.73
23 05 29 00-0441	EA		2-1/2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-2-1/2).....	1,071.11	28.05
23 05 29 00-0442	EA		3" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-3).....	1,072.71	28.86
23 05 29 00-0443	EA		4" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-4).....	1,187.59	30.14
23 05 29 00-0444	EA		5" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-5).....	1,204.27	38.48
23 05 29 00-0445	EA		6" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-6).....	1,345.76	47.03
23 05 29 00-0446	EA		8" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-8).....	2,311.97	58.79
23 05 29 00-0447	EA		10" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-10).....	3,519.12	70.55
23 05 29 00-0448	EA		12" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-12).....	4,339.71	94.06
23 05 29 00-0449	EA		14" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-14).....	4,387.52	117.58
23 05 29 00-0450	EA		16" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-16).....	5,288.62	132.54
23 05 29 00-0451	EA		18" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-18).....	5,698.01	146.97
23 05 29 00-0452	EA		20" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-20).....	6,045.52	168.35
23 05 29 00-0453	EA		24" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-24).....	7,649.04	176.89
23 05 29 00-0454 Pipe Alignment Guide, 3-1/2" Insulation (23 05 29 00-0353)					
23 05 29 00-0455	EA		1/2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1/2).....	924.13	22.98
23 05 29 00-0456	EA		3/4" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-3/4).....	1,062.02	23.51
23 05 29 00-0457	EA		1" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1).....	1,063.09	24.05
23 05 29 00-0458	EA		1-1/4" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1-1/4).....	1,064.16	24.58
23 05 29 00-0459	EA		1-1/2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1-1/2).....	1,065.23	25.11
23 05 29 00-0460	EA		2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-2).....	1,069.77	27.39
23 05 29 00-0461	EA		2-1/2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-2-1/2).....	1,072.49	28.75
23 05 29 00-0462	EA		3" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-3).....	1,186.47	29.58
23 05 29 00-0463	EA		4" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-4).....	1,189.30	31.00
23 05 29 00-0464	EA		5" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-5).....	1,330.80	39.55
23 05 29 00-0465	EA		6" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-6).....	2,290.59	48.10
23 05 29 00-0466	EA		8" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-8).....	3,498.28	60.12
23 05 29 00-0467	EA		10" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-10).....	4,296.99	72.31
23 05 29 00-0468	EA		12" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-12).....	5,215.93	96.20
23 05 29 00-0469	EA		14" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-14).....	5,264.57	120.51
23 05 29 00-0470	EA		16" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-16).....	5,693.50	135.74
23 05 29 00-0471	EA		18" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-18).....	6,010.25	150.71
23 05 29 00-0472	EA		20" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-20).....	7,639.42	172.09
23 05 29 00-0473 Pipe Alignment Guide, 4" Insulation (23 05 29 00-0353)					
23 05 29 00-0474	EA		1/2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1/2).....	1,062.02	23.51

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 29 00-0475	EA	3/4" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-3/4)	1,063.09	24.05
23 05 29 00-0476	EA	1" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1)	1,064.16	24.58
23 05 29 00-0477	EA	1-1/4" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1-1/4)	1,065.23	25.11
23 05 29 00-0478	EA	1-1/2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1-1/2)	1,066.29	25.66
23 05 29 00-0479	EA	2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-2)	1,183.43	28.05
23 05 29 00-0480	EA	2-1/2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-2-1/2)	1,186.10	29.39
23 05 29 00-0481	EA	3" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-3)	1,187.91	30.30
23 05 29 00-0482	EA	4" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-4)	1,315.29	31.80
23 05 29 00-0483	EA	5" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-5)	2,275.62	40.62
23 05 29 00-0484	EA	6" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-6)	2,292.73	49.17
23 05 29 00-0485	EA	8" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-8)	3,500.95	61.46
23 05 29 00-0486	EA	10" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-10)	4,300.94	74.28
23 05 29 00-0487	EA	12" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-12)	5,220.74	98.60
23 05 29 00-0488	EA	14" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-14)	5,649.91	122.92
23 05 29 00-0489	EA	16" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-16)	5,986.73	138.95
23 05 29 00-0490	EA	18" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-18)	7,605.22	154.98

23 05 29 00-0491 Sway Bracing For No Hub Pipe (23 05 29 00-0001)

23 05 29 00-0492	EA	1-1/2" Sway Bracing	154.93	14.11
		<i>For Work In Restricted Working Space, Add</i>	8.44	
23 05 29 00-0493	EA	2" Sway Bracing	159.51	14.86
		<i>For Work In Restricted Working Space, Add</i>	8.91	
23 05 29 00-0494	EA	3" Sway Bracing	165.11	15.71
		<i>For Work In Restricted Working Space, Add</i>	9.43	
23 05 29 00-0495	EA	4" Sway Bracing	187.42	17.85
		<i>For Work In Restricted Working Space, Add</i>	10.69	
23 05 29 00-0496	EA	6" Sway Bracing	274.79	26.73
		<i>For Work In Restricted Working Space, Add</i>	16.03	
23 05 29 00-0497	EA	8" Sway Bracing	303.19	33.34
		<i>For Work In Restricted Working Space, Add</i>	20.04	
23 05 29 00-0498	EA	10" Sway Bracing	339.59	44.58
		<i>For Work In Restricted Working Space, Add</i>	26.72	

23 05 29 00-0499 Pipe Stand With Adjustable Saddle (Cooper B-Line B3088T-18 Base, B3093 Adjustable Pipe Saddle) (23 05 29 00-0001)

Note: Heights listed is total for base and adjustable saddle

23 05 29 00-0500	EA	23" to 28" High Pipe Stand With Adjustable Saddle For 1-1/4" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	341.38	10.69
		<i>For Work In Restricted Working Space, Add</i>	6.41	
23 05 29 00-0501	EA	24" to 29" High Pipe Stand With Adjustable Saddle For 1-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	348.88	11.76
		<i>For Work In Restricted Working Space, Add</i>	7.05	
23 05 29 00-0502	EA	24" to 29" High Pipe Stand With Adjustable Saddle For 2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	691.93	13.36
		<i>For Work In Restricted Working Space, Add</i>	8.02	
23 05 29 00-0503	EA	24" to 29" High Pipe Stand With Adjustable Saddle For 2-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	846.38	14.96
		<i>For Work In Restricted Working Space, Add</i>	8.98	
23 05 29 00-0504	EA	24" to 29" High Pipe Stand With Adjustable Saddle For 3" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	856.94	16.57
		<i>For Work In Restricted Working Space, Add</i>	9.94	
23 05 29 00-0505	EA	25" to 29" High Pipe Stand With Adjustable Saddle For 3-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	942.12	18.71
		<i>For Work In Restricted Working Space, Add</i>	11.22	
23 05 29 00-0506	EA	25" to 30" High Pipe Stand With Adjustable Saddle For 4" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,124.43	20.31
		<i>For Work In Restricted Working Space, Add</i>	12.19	
23 05 29 00-0507	EA	25" to 30" High Pipe Stand With Adjustable Saddle For 5" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,137.33	21.91
		<i>For Work In Restricted Working Space, Add</i>	13.15	
23 05 29 00-0508	EA	26" to 31" High Pipe Stand With Adjustable Saddle For 6" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,153.82	24.05
		<i>For Work In Restricted Working Space, Add</i>	14.43	
23 05 29 00-0509	EA	28" to 33" High Pipe Stand With Adjustable Saddle For 8" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,201.18	26.19
		<i>For Work In Restricted Working Space, Add</i>	15.71	
23 05 29 00-0510	EA	29" to 34" High Pipe Stand With Adjustable Saddle For 10" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,286.44	28.86
		<i>For Work In Restricted Working Space, Add</i>	17.32	
23 05 29 00-0511	EA	30" to 35" High Pipe Stand With Adjustable Saddle For 12" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,324.27	32.06
		<i>For Work In Restricted Working Space, Add</i>	19.24	
23 05 29 00-0512	EA	32" to 37" High Pipe Stand With Adjustable Saddle For 14" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,614.89	35.27
		<i>For Work In Restricted Working Space, Add</i>	21.17	
23 05 29 00-0513	EA	33" to 38" High Pipe Stand With Adjustable Saddle For 16" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,760.98	39.55
		<i>For Work In Restricted Working Space, Add</i>	23.73	
23 05 29 00-0514	EA	35" to 40" High Pipe Stand With Adjustable Saddle For 18" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	2,490.16	43.82
		<i>For Work In Restricted Working Space, Add</i>	26.30	
23 05 29 00-0515	EA	36" to 41" High Pipe Stand With Adjustable Saddle For 20" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	3,068.45	48.10
		<i>For Work In Restricted Working Space, Add</i>	28.86	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0516 EA 39" to 44" High Pipe Stand With Adjustable Saddle For 24" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle).....	3,683.90	52.37
For Work In Restricted Working Space, Add	31.42	
23 05 29 00-0517 Pipe Isolators Wrap At Hanger (23 05 29 00-0001)		
Note: Superstrut S-176.		
23 05 29 00-0518 LF Pipe Isolator Wrap (Cooper B-LINE B-1999).....	7.68	
23 05 29 00-0519 Channel Mounted Cushion Clamp (23 05 29 00-0001)		
Note: Includes fastening into channel.		
23 05 29 00-0520 EA 1/2" Channel Mounted Cushion Clamp For 3/8" Pipe (Cooper B-Line BVT050).....	12.69	4.81
23 05 29 00-0521 EA 5/8" Channel Mounted Cushion Clamp For 1/2" Pipe (Cooper B-Line BVT062).....	13.37	5.35
23 05 29 00-0522 EA 7/8" Channel Mounted Cushion Clamp For 3/4" Pipe (Cooper B-Line BVT087).....	14.76	5.61
23 05 29 00-0523 EA 1-1/8" Channel Mounted Cushion Clamp For 1" Pipe (Cooper B-Line BVT112).....	15.79	5.88
23 05 29 00-0524 EA 1-3/8" Channel Mounted Cushion Clamp For 1-1/4" Pipe (Cooper B-Line BVT137).....	17.61	6.42
23 05 29 00-0525 EA 1-5/8" Channel Mounted Cushion Clamp For 1-1/2" Pipe (Cooper B-Line BVT162).....	19.61	6.68
23 05 29 00-0526 EA 2-1/8" Channel Mounted Cushion Clamp For 2" Pipe (Cooper B-Line BVT212).....	24.57	6.95
23 05 29 00-0527 EA 2-5/8" Channel Mounted Cushion Clamp For 2-1/2" Pipe (Cooper B-Line BVT262).....	27.14	7.48
23 05 29 00-0528 EA 3-1/8" Channel Mounted Cushion Clamp For 3" Pipe (Cooper B-Line BVT312).....	33.28	8.55
23 05 29 00-0529 EA 4-1/8" Channel Mounted Cushion Clamp For 4" Pipe (Cooper B-Line BVT412).....	50.00	9.62
23 05 29 00-0530 Galvanized Steel Cushion Tube Clamp (KMC) (23 05 29 00-0001)		
Note: Excludes fastening bolt and drilling if necessary.		
23 05 29 00-0531 EA 1/2" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3/8" Pipe.....	4.03	
Note: 19/32" Center To Center Length, 9/32" Hole Diameter For Screw		
23 05 29 00-0532 EA 1/2" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3/8" Pipe.....	4.16	
Note: 23/32" Center To Center Length, 13/32" Hole Diameter For Screw		
23 05 29 00-0533 EA 5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1/2" Pipe.....	4.24	
Note: 23/32" Center To Center Length, 9/32" Hole Diameter For Screw		
23 05 29 00-0534 EA 5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1/2" Pipe.....	4.46	
Note: 27/32" Center To Center Length, 13/32" Hole Diameter For Screw		
23 05 29 00-0535 EA 7/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3/4" Pipe.....	4.20	
Note: 27/32" Center To Center Length, 9/32" Hole Diameter For Screw		
23 05 29 00-0536 EA 7/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3/4" Pipe.....	4.59	
Note: 31/32" Center To Center Length, 13/32" Hole Diameter For Screw		
23 05 29 00-0537 EA 1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1" Pipe.....	4.35	
Note: 31/32" Center To Center Length, 9/32" Hole Diameter For Screw		
23 05 29 00-0538 EA 1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1" Pipe.....	4.83	
Note: 1-1/32" Center To Center Length, 13/32" Hole Diameter For Screw		
23 05 29 00-0539 EA 1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1" Pipe.....	4.85	
Note: 1-5/32" Center To Center Length, 17/32" Hole Diameter For Screw		
23 05 29 00-0540 EA 1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1-1/4" Pipe.....	4.57	
Note: 1-3/32" Center To Center Length, 9/32" Hole Diameter For Screw		
23 05 29 00-0541 EA 1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1-1/4" Pipe.....	4.79	
Note: 1-7/32" Center To Center Length, 13/32" Hole Diameter For Screw		
23 05 29 00-0542 EA 1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1-1/4" Pipe.....	5.46	
Note: 1-11/16" Center To Center Length, 17/32" Hole Diameter For Screw		
23 05 29 00-0543 EA 1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1-1/2" Pipe.....	4.81	
Note: 1-5/16" Center To Center Length, 9/32" Hole Diameter For Screw		
23 05 29 00-0544 EA 1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1-1/2" Pipe.....	5.24	
Note: 1-9/16" Center To Center Length, 13/32" Hole Diameter For Screw		
23 05 29 00-0545 EA 1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1-1/2" Pipe.....	5.96	
Note: 1-13/16" Center To Center Length, 17/32" Hole Diameter For Screw		
23 05 29 00-0546 EA 2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 2" Pipe.....	6.02	
Note: 1-7/16" Center To Center Length, 9/32" Hole Diameter For Screw		
23 05 29 00-0547 EA 2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 2" Pipe.....	6.41	
Note: 1-9/16" Center To Center Length, 13/32" Hole Diameter For Screw		
23 05 29 00-0548 EA 2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 2" Pipe.....	7.19	
Note: 1-11/16" Center To Center Length, 17/32" Hole Diameter For Screw		
23 05 29 00-0549 EA 2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 2-1/2" Pipe.....	7.43	
Note: 1-11/16" Center To Center Length, 9/32" Hole Diameter For Screw		
23 05 29 00-0550 EA 2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 2-1/2" Pipe.....	8.60	
Note: 1-13/16" Center To Center Length, 13/32" Hole Diameter For Screw		
23 05 29 00-0551 EA 2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 2-1/2" Pipe.....	8.69	
Note: 1-15/16" Center To Center Length, 17/32" Hole Diameter For Screw		
23 05 29 00-0552 EA 3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3" Pipe.....	7.67	
Note: 1-15/16" Center To Center Length, 9/32" Hole Diameter For Screw		
23 05 29 00-0553 EA 3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3" Pipe.....	8.60	
Note: 2-1/16" Center To Center Length, 13/32" Hole Diameter For Screw		
23 05 29 00-0554 EA 3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 3" Pipe.....	9.16	
Note: 2-3/16" Center To Center Length, 17/32" Hole Diameter For Screw		
23 05 29 00-0555 EA 3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3-1/2" Pipe.....	7.97	
Note: 2-3/16" Center To Center Length, 9/32" Hole Diameter For Screw		
23 05 29 00-0556 EA 3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3-1/2" Pipe.....	8.53	
Note: 2-5/16" Center To Center Length, 13/32" Hole Diameter For Screw		
23 05 29 00-0557 EA 3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 3-1/2" Pipe.....	10.72	
Note: 2-7/16" Center To Center Length, 17/32" Hole Diameter For Screw		
23 05 29 00-0558 EA 4" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 4" Pipe.....	7.91	
Note: 2-7/16" Center To Center Length, 9/32" Hole Diameter For Screw		
23 05 29 00-0559 EA 4" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 4" Pipe.....	8.73	
Note: 2-9/16" Center To Center Length, 13/32" Hole Diameter For Screw		
23 05 29 00-0560 EA 4" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 4" Pipe.....	11.20	
Note: 2-11/16" Center To Center Length, 17/32" Hole Diameter For Screw		

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 29 00-0561		Rooftop Pipe Supports (23 05 29 00-0001) Note: Excludes pipe/conduit clamps and straps.		
23 05 29 00-0562		Rooftop Support Base (23 05 29 00-0561)		
23 05 29 00-0563	EA	4" x 6" x 4.8" Rooftop Support Base (Cooper B-Line Dura-Blok DBM)	44.11	8.71
23 05 29 00-0564	EA	4" x 6" x 9.6" Rooftop Support Base (Cooper B-Line Dura-Blok DBP).....	61.74	11.61
23 05 29 00-0565		Rooftop Support Base With 14 Gauge Galvanized Channel (23 05 29 00-0561)		
23 05 29 00-0566	EA	5" x 6" x 4.8" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB5)	50.76	8.71
23 05 29 00-0567	EA	5" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10)	72.54	11.61
23 05 29 00-0568	EA	5" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB20)	137.65	14.51
23 05 29 00-0569	EA	5" x 6" x 30.8" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB30)	191.66	17.41
23 05 29 00-0570	EA	5" x 6" x 41.4" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB40)	267.46	20.31
23 05 29 00-0571	EA	5" x 6" x 52" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB48)	281.10	23.22
23 05 29 00-0572		Rooftop Support Base With 12 Gauge Galvanized Channel (23 05 29 00-0561)		
23 05 29 00-0573	EA	6-7/16" x 6" x 9.6" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB610)	90.19	11.61
23 05 29 00-0574	EA	6-7/16" x 6" x 20.2" Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB620)	145.53	14.51
23 05 29 00-0575	EA	6-7/16" x 6" x 30.8" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB630)	194.82	17.41
23 05 29 00-0576	EA	6-7/16" x 6" x 41.4" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB640)	267.63	20.31
23 05 29 00-0577	EA	6-7/16" x 6" x 52" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB648)	304.00	17.41
23 05 29 00-0578		Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (23 05 29 00-0561)		
23 05 29 00-0579	EA	5-5/8" x 6" x 28" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-28)	152.15	17.41
23 05 29 00-0580	EA	5-5/8" x 6" x 36" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-36)	173.03	20.31
23 05 29 00-0581	EA	5-5/8" x 6" x 42" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-42)	178.76	23.22
23 05 29 00-0582	EA	5-5/8" x 6" x 50" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-50)	195.30	26.12
23 05 29 00-0583	EA	5-5/8" x 6" x 60" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-60)	252.31	29.02
23 05 29 00-0584		Rooftop Pipe Support Base And Rod (23 05 29 00-0561)		
23 05 29 00-0585	EA	9.69" To 11.19" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1/2CT)	111.09	11.61
23 05 29 00-0586	EA	9.84" To 11.34" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-3/4CT)	111.09	11.61
23 05 29 00-0587	EA	9.95" To 11.45" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1CT)	111.75	11.61
23 05 29 00-0588	EA	10.13" To 11.63" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1-1/4CT)	118.23	14.51
23 05 29 00-0589	EA	10.28" To 11.78" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1-1/2CT)	113.40	14.51
23 05 29 00-0590	EA	10.53" To 12.03" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-2CT)	119.60	14.51
23 05 29 00-0591		Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (23 05 29 00-0561)		
23 05 29 00-0592	EA	7.09" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR2-3 1/2).....	142.72	11.61
23 05 29 00-0593	EA	7.09" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR4-6)	160.06	11.61
23 05 29 00-0594	EA	8.34" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR8-10).....	210.19	14.51
23 05 29 00-0595	EA	9.38" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR12-14).....	281.08	14.51
23 05 29 00-0596	EA	9.78" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR16-20).....	386.36	14.51
23 05 29 00-0597		Rooftop Support Base And Adjustable Height Roller Assembly (23 05 29 00-0561) Note: Includes base, two zinc all threaded rod risers and pipe roller.		
23 05 29 00-0598	EA	Up To 12" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Roller Assembly (Cooper B-Line Dura-Blok DBR10-12).....	176.17	17.41
23 05 29 00-0599		Rooftop Support Base And Adjustable Height Channel Assembly (23 05 29 00-0561) Note: Includes base, two zinc all threaded rod and 14 gauge slotted channel.		
23 05 29 00-0600	EA	Up To 8" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-8).....	113.72	14.51
23 05 29 00-0601	EA	Up To 12" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-12).....	156.35	17.41
23 05 29 00-0602	EA	Up To 16" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-16).....	173.83	20.31
23 05 29 00-0603		Rooftop Support Bases With Channel Support And Risers Assembly (23 05 29 00-0561) Note: Includes two support bases, two 12 gauge galvanized channel risers and one 12 gauge galvanized channel support. Dimensions are "overall" (height x width x length).		
23 05 29 00-0604	EA	23" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2318DS)	434.61	23.22
23 05 29 00-0605	EA	29" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2918DS)	439.60	23.22

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0606	EA		41" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4118DS).....	457.10	23.22
23 05 29 00-0607	EA		53" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5318DS).....	497.28	23.22
23 05 29 00-0608	EA		23" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2324DS).....	425.70	23.22
23 05 29 00-0609	EA		29" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2924DS).....	442.45	23.22
23 05 29 00-0610	EA		41" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4124DS).....	459.95	23.22
23 05 29 00-0611	EA		53" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5324DS).....	500.12	23.22
23 05 29 00-0612	EA		23" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2336DS).....	445.61	23.22
23 05 29 00-0613	EA		29" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2936DS).....	451.45	23.22
23 05 29 00-0614	EA		41" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4136DS).....	468.62	23.22
23 05 29 00-0615	EA		53" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5336DS).....	508.96	23.22
23 05 29 00-0616	EA		23" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2348DS).....	465.95	23.22
23 05 29 00-0617	EA		29" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2948DS).....	471.28	23.22
23 05 29 00-0618	EA		41" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4148DS).....	488.44	23.22
23 05 29 00-0619	EA		53" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5348DS).....	528.78	23.22
23 05 29 00-0620			Threaded Rod, Accessories And Attachments (23 05 29)		
23 05 29 00-0621			Threaded Rod And Rod Accessories (23 05 29 00-0620)		
23 05 29 00-0622			Threaded Rod (23 05 29 00-0621) Note: Fully threaded.		
23 05 29 00-0623	LF		3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	3.25	0.73
			For Galvanized, Add	0.72	
			For Zinc Plated, Add	0.51	
			For Work In Restricted Working Space, Add	0.44	
23 05 29 00-0624	LF		1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	4.40	0.78
			For Galvanized, Add	1.14	
			For Zinc Plated, Add	0.82	
			For Work In Restricted Working Space, Add	0.46	
23 05 29 00-0625	LF		5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	6.03	0.81
			For Galvanized, Add	1.77	
			For Zinc Plated, Add	1.26	
			For Work In Restricted Working Space, Add	0.48	
23 05 29 00-0626	LF		3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	9.70	0.83
			For Galvanized, Add	3.22	
			For Zinc Plated, Add	2.29	
			For Work In Restricted Working Space, Add	0.50	
23 05 29 00-0627	LF		7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	10.56	0.86
			For Galvanized, Add	3.54	
			For Zinc Plated, Add	2.52	
			For Work In Restricted Working Space, Add	0.51	
23 05 29 00-0628	LF		1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	14.36	0.97
			For Galvanized, Add	4.97	
			For Zinc Plated, Add	3.54	
			For Work In Restricted Working Space, Add	0.58	
23 05 29 00-0629	LF		1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	17.82	1.08
			For Galvanized, Add	6.27	
			For Zinc Plated, Add	4.47	
			For Work In Restricted Working Space, Add	0.65	
23 05 29 00-0630			Rod Couplings (23 05 29 00-0621)		
23 05 29 00-0631	EA		3/8" Diameter, Threaded Rod Coupling Nut.....	8.38	
			For Work In Restricted Working Space, Add	2.14	
23 05 29 00-0632	EA		1/2" Diameter, Threaded Rod Coupling Nut.....	9.50	
			For Work In Restricted Working Space, Add	2.38	
23 05 29 00-0633	EA		5/8" Diameter, Threaded Rod Coupling Nut.....	11.71	
			For Work In Restricted Working Space, Add	2.67	
23 05 29 00-0634	EA		3/4" Diameter, Threaded Rod Coupling Nut.....	14.11	
			For Work In Restricted Working Space, Add	2.92	
23 05 29 00-0635	EA		7/8" Diameter, Threaded Rod Coupling Nut.....	20.12	
			For Work In Restricted Working Space, Add	3.21	
23 05 29 00-0636	EA		1" Diameter, Threaded Rod Coupling Nut.....	23.86	
			For Work In Restricted Working Space, Add	3.77	
23 05 29 00-0637	EA		1-1/8" Diameter, Threaded Rod Coupling Nut.....	44.09	
			For Work In Restricted Working Space, Add	4.28	
23 05 29 00-0638			Flat Washers (23 05 29 00-0621) Note: Zinc plated.		
23 05 29 00-0639	EA		3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	0.59	0.23
			For Galvanized, Add	0.03	
			For Work In Restricted Working Space, Add	0.14	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 29 00-0640	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.78	0.23
		<i>For Galvanized, Add</i>	0.06	
		<i>For Work In Restricted Working Space, Add</i>	0.16	
23 05 29 00-0641	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.10	0.35
		<i>For Galvanized, Add</i>	0.12	
		<i>For Work In Restricted Working Space, Add</i>	0.19	
23 05 29 00-0642	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.49	0.35
		<i>For Galvanized, Add</i>	0.17	
		<i>For Work In Restricted Working Space, Add</i>	0.25	
23 05 29 00-0643	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.76	0.46
		<i>For Galvanized, Add</i>	0.20	
		<i>For Work In Restricted Working Space, Add</i>	0.29	
23 05 29 00-0644	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.05	0.46
		<i>For Galvanized, Add</i>	0.24	
		<i>For Work In Restricted Working Space, Add</i>	0.32	
23 05 29 00-0645	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.30	0.58
		<i>For Galvanized, Add</i>	0.27	
		<i>For Work In Restricted Working Space, Add</i>	0.36	
23 05 29 00-0646		Hex Nuts (23 05 29 00-0621)		
		Note: Grade 2 and zinc plated.		
23 05 29 00-0647	EA	3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.75	0.29
		<i>For Galvanized, Add</i>	0.02	
		<i>For Work In Restricted Working Space, Add</i>	0.20	
23 05 29 00-0648	EA	1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.93	0.29
		<i>For Galvanized, Add</i>	0.05	
		<i>For Work In Restricted Working Space, Add</i>	0.22	
23 05 29 00-0649	EA	5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.23	0.29
		<i>For Galvanized, Add</i>	0.12	
		<i>For Work In Restricted Working Space, Add</i>	0.23	
23 05 29 00-0650	EA	3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.43	0.58
		<i>For Galvanized, Add</i>	0.16	
		<i>For Work In Restricted Working Space, Add</i>	0.24	
23 05 29 00-0651	EA	7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.03	0.58
		<i>For Galvanized, Add</i>	0.29	
		<i>For Work In Restricted Working Space, Add</i>	0.26	
23 05 29 00-0652	EA	1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.55	0.58
		<i>For Galvanized, Add</i>	0.40	
		<i>For Work In Restricted Working Space, Add</i>	0.29	
23 05 29 00-0653	EA	1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	4.07	0.58
		<i>For Galvanized, Add</i>	0.75	
		<i>For Work In Restricted Working Space, Add</i>	0.32	
23 05 29 00-0654		Turnbuckle (Cooper B-Line B3202) (23 05 29 00-0621)		
		Note: Type 13.		
23 05 29 00-0655	EA	3/8" Turnbuckle (Cooper B-Line B3202)	25.31	5.80
		<i>For Work In Restricted Working Space, Add</i>	3.48	
23 05 29 00-0656	EA	1/2" Turnbuckle (Cooper B-Line B3202)	29.93	6.38
		<i>For Work In Restricted Working Space, Add</i>	3.87	
23 05 29 00-0657	EA	5/8" Turnbuckle (Cooper B-Line B3202)	32.32	6.97
		<i>For Work In Restricted Working Space, Add</i>	4.35	
23 05 29 00-0658	EA	3/4" Turnbuckle (Cooper B-Line B3202)	40.44	8.13
		<i>For Work In Restricted Working Space, Add</i>	4.98	
23 05 29 00-0659	EA	7/8" Turnbuckle (Cooper B-Line B3202)	52.04	8.71
		<i>For Work In Restricted Working Space, Add</i>	5.81	
23 05 29 00-0660	EA	1" Turnbuckle (Cooper B-Line B3202)	64.49	9.29
		<i>For Work In Restricted Working Space, Add</i>	6.97	
23 05 29 00-0661	EA	1-1/8" Turnbuckle (Cooper B-Line B3202)	89.01	10.46
		<i>For Work In Restricted Working Space, Add</i>	8.71	
23 05 29 00-0662		Swivel Turnbuckle (Cooper B-Line B3224) (23 05 29 00-0621)		
		Note: Type 15.		
23 05 29 00-0663	EA	3/8" Swivel Turnbuckle (Cooper B-Line B3224)	16.65	5.80
		<i>For Work In Restricted Working Space, Add</i>	3.48	
23 05 29 00-0664	EA	1/2" Swivel Turnbuckle (Cooper B-Line B3224)	19.19	6.50
		<i>For Work In Restricted Working Space, Add</i>	3.87	
23 05 29 00-0665	EA	5/8" Swivel Turnbuckle (Cooper B-Line B3224)	25.07	7.20
		<i>For Work In Restricted Working Space, Add</i>	4.35	
23 05 29 00-0666	EA	3/4" Swivel Turnbuckle (Cooper B-Line B3224)	30.16	8.24
		<i>For Work In Restricted Working Space, Add</i>	4.98	
23 05 29 00-0667		Forged Steel Clevis (Cooper B-Line B3201) (23 05 29 00-0621)		
		Note: Type 14.		
23 05 29 00-0668	EA	3-9/16" Forged Steel Clevis With Pin, 3/8" To 5/8" Rod Size (Cooper B-Line B3201)	81.83	10.69
		<i>For Work In Restricted Working Space, Add</i>	6.47	
23 05 29 00-0669	EA	4" Forged Steel Clevis With Pin, 3/4" To 7/8" Rod Size (Cooper B-Line B3201)	119.41	11.22
		<i>For Work In Restricted Working Space, Add</i>	6.75	
23 05 29 00-0670	EA	5-1/16" Forged Steel Clevis With Pin, 1" Rod Size (Cooper B-Line B3201)	129.06	11.76
		<i>For Work In Restricted Working Space, Add</i>	7.13	
23 05 29 00-0671	EA	5-1/16" Forged Steel Clevis With Pin, 1-1/8" Rod Size (Cooper B-Line B3201)	134.46	12.82
		<i>For Work In Restricted Working Space, Add</i>	7.55	
23 05 29 00-0672	EA	5-1/16" Forged Steel Clevis With Pin, 1-1/4" Rod Size (Cooper B-Line B3201)	141.81	14.43
		<i>For Work In Restricted Working Space, Add</i>	8.55	
23 05 29 00-0673	EA	6" Forged Steel Clevis With Pin, 1-1/2" Rod Size (Cooper B-Line B3201)	234.86	18.71
		<i>For Work In Restricted Working Space, Add</i>	11.22	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0674	EA		5-15/16" Forged Steel Clevis With Pin, 1-3/4" Rod Size (Cooper B-Line B3201).....	255.21	21.38
			<i>For Work In Restricted Working Space, Add</i>	12.83	
23 05 29 00-0675	EA		7" Forged Steel Clevis With Pin, 2" Rod Size (Cooper B-Line B3201).....	301.31	26.73
			<i>For Work In Restricted Working Space, Add</i>	16.03	
23 05 29 00-0676			Welded Eye Rod (Cooper B-Line B3211) <small>(23 05 29 00-0621)</small>		
23 05 29 00-0677	EA		3/8" Diameter x 8" Length Shank, Welded Eye Rod.....	25.31	6.27
			<i>For Work In Restricted Working Space, Add</i>	3.77	
23 05 29 00-0678	EA		3/8" Diameter x 10" Length Shank, Welded Eye Rod.....	26.11	6.38
			<i>For Work In Restricted Working Space, Add</i>	3.85	
23 05 29 00-0679	EA		3/8" Diameter x 12" Length Shank, Welded Eye Rod.....	26.89	6.50
			<i>For Work In Restricted Working Space, Add</i>	3.92	
23 05 29 00-0680	EA		3/8" Diameter x 14" Length Shank, Welded Eye Rod.....	27.13	6.62
			<i>For Work In Restricted Working Space, Add</i>	3.99	
23 05 29 00-0681	EA		3/8" Diameter x 18" Length Shank, Welded Eye Rod.....	28.72	6.85
			<i>For Work In Restricted Working Space, Add</i>	4.14	
23 05 29 00-0682	EA		3/8" Diameter x 24" Length Shank, Welded Eye Rod.....	30.57	7.31
			<i>For Work In Restricted Working Space, Add</i>	4.35	
23 05 29 00-0683	EA		3/8" Diameter x 30" Length Shank, Welded Eye Rod.....	31.84	7.66
			<i>For Work In Restricted Working Space, Add</i>	4.57	
23 05 29 00-0684	EA		3/8" Diameter x 36" Length Shank, Welded Eye Rod.....	34.23	8.00
			<i>For Work In Restricted Working Space, Add</i>	4.79	
23 05 29 00-0685	EA		3/8" Diameter x 42" Length Shank, Welded Eye Rod.....	36.05	8.36
			<i>For Work In Restricted Working Space, Add</i>	5.01	
23 05 29 00-0686	EA		3/8" Diameter x 48" Length Shank, Welded Eye Rod.....	37.89	8.71
			<i>For Work In Restricted Working Space, Add</i>	5.22	
23 05 29 00-0687	EA		1/2" Diameter x 8" Length Shank, Welded Eye Rod.....	33.28	6.97
			<i>For Work In Restricted Working Space, Add</i>	4.18	
23 05 29 00-0688	EA		1/2" Diameter x 10" Length Shank, Welded Eye Rod.....	34.09	7.08
			<i>For Work In Restricted Working Space, Add</i>	4.25	
23 05 29 00-0689	EA		1/2" Diameter x 12" Length Shank, Welded Eye Rod.....	34.91	7.20
			<i>For Work In Restricted Working Space, Add</i>	4.33	
23 05 29 00-0690	EA		1/2" Diameter x 14" Length Shank, Welded Eye Rod.....	35.72	7.31
			<i>For Work In Restricted Working Space, Add</i>	4.41	
23 05 29 00-0691	EA		1/2" Diameter x 18" Length Shank, Welded Eye Rod.....	37.34	7.54
			<i>For Work In Restricted Working Space, Add</i>	4.56	
23 05 29 00-0692	EA		1/2" Diameter x 24" Length Shank, Welded Eye Rod.....	40.32	8.01
			<i>For Work In Restricted Working Space, Add</i>	4.79	
23 05 29 00-0693	EA		1/2" Diameter x 30" Length Shank, Welded Eye Rod.....	42.76	8.36
			<i>For Work In Restricted Working Space, Add</i>	5.03	
23 05 29 00-0694	EA		1/2" Diameter x 36" Length Shank, Welded Eye Rod.....	45.75	8.71
			<i>For Work In Restricted Working Space, Add</i>	5.26	
23 05 29 00-0695	EA		1/2" Diameter x 42" Length Shank, Welded Eye Rod.....	48.16	9.18
			<i>For Work In Restricted Working Space, Add</i>	5.49	
23 05 29 00-0696	EA		1/2" Diameter x 48" Length Shank, Welded Eye Rod.....	50.61	9.52
			<i>For Work In Restricted Working Space, Add</i>	5.72	
23 05 29 00-0697	EA		5/8" Diameter x 8" Length Shank, Welded Eye Rod.....	44.35	7.78
			<i>For Work In Restricted Working Space, Add</i>	4.67	
23 05 29 00-0698	EA		5/8" Diameter x 10" Length Shank, Welded Eye Rod.....	45.71	7.90
			<i>For Work In Restricted Working Space, Add</i>	4.76	
23 05 29 00-0699	EA		5/8" Diameter x 12" Length Shank, Welded Eye Rod.....	47.10	8.01
			<i>For Work In Restricted Working Space, Add</i>	4.84	
23 05 29 00-0700	EA		5/8" Diameter x 14" Length Shank, Welded Eye Rod.....	47.93	8.24
			<i>For Work In Restricted Working Space, Add</i>	4.92	
23 05 29 00-0701	EA		5/8" Diameter x 18" Length Shank, Welded Eye Rod.....	50.12	8.48
			<i>For Work In Restricted Working Space, Add</i>	5.08	
23 05 29 00-0702	EA		5/8" Diameter x 24" Length Shank, Welded Eye Rod.....	53.68	8.82
			<i>For Work In Restricted Working Space, Add</i>	5.32	
23 05 29 00-0703	EA		5/8" Diameter x 30" Length Shank, Welded Eye Rod.....	57.24	9.29
			<i>For Work In Restricted Working Space, Add</i>	5.56	
23 05 29 00-0704	EA		5/8" Diameter x 36" Length Shank, Welded Eye Rod.....	60.25	9.64
			<i>For Work In Restricted Working Space, Add</i>	5.80	
23 05 29 00-0705	EA		5/8" Diameter x 42" Length Shank, Welded Eye Rod.....	63.83	10.10
			<i>For Work In Restricted Working Space, Add</i>	6.04	
23 05 29 00-0706	EA		5/8" Diameter x 48" Length Shank, Welded Eye Rod.....	67.38	10.46
			<i>For Work In Restricted Working Space, Add</i>	6.28	
23 05 29 00-0707	EA		3/4" Diameter x 8" Length Shank, Welded Eye Rod.....	54.21	8.82
			<i>For Work In Restricted Working Space, Add</i>	5.31	
23 05 29 00-0708	EA		3/4" Diameter x 10" Length Shank, Welded Eye Rod.....	56.16	8.94
			<i>For Work In Restricted Working Space, Add</i>	5.39	
23 05 29 00-0709	EA		3/4" Diameter x 12" Length Shank, Welded Eye Rod.....	57.52	9.18
			<i>For Work In Restricted Working Space, Add</i>	5.48	
23 05 29 00-0710	EA		3/4" Diameter x 14" Length Shank, Welded Eye Rod.....	59.46	9.29
			<i>For Work In Restricted Working Space, Add</i>	5.56	
23 05 29 00-0711	EA		3/4" Diameter x 18" Length Shank, Welded Eye Rod.....	62.78	9.52
			<i>For Work In Restricted Working Space, Add</i>	5.72	
23 05 29 00-0712	EA		3/4" Diameter x 24" Length Shank, Welded Eye Rod.....	67.46	9.98
			<i>For Work In Restricted Working Space, Add</i>	5.97	
23 05 29 00-0713	EA		3/4" Diameter x 30" Length Shank, Welded Eye Rod.....	72.16	10.33
			<i>For Work In Restricted Working Space, Add</i>	6.22	
23 05 29 00-0714	EA		3/4" Diameter x 36" Length Shank, Welded Eye Rod.....	77.43	10.80
			<i>For Work In Restricted Working Space, Add</i>	6.47	
23 05 29 00-0715	EA		3/4" Diameter x 42" Length Shank, Welded Eye Rod.....	82.64	11.15
			<i>For Work In Restricted Working Space, Add</i>	6.71	
23 05 29 00-0716	EA		3/4" Diameter x 48" Length Shank, Welded Eye Rod.....	87.35	11.61
			<i>For Work In Restricted Working Space, Add</i>	6.96	
23 05 29 00-0717	EA		7/8" Diameter x 8" Length Shank, Welded Eye Rod.....	64.78	10.21
			<i>For Work In Restricted Working Space, Add</i>	6.16	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 29 00-0718	EA	7/8" Diameter x 10" Length Shank, Welded Eye Rod	67.28	10.46
		<i>For Work In Restricted Working Space, Add</i>	6.25	
23 05 29 00-0719	EA	7/8" Diameter x 12" Length Shank, Welded Eye Rod	69.23	10.57
		<i>For Work In Restricted Working Space, Add</i>	6.33	
23 05 29 00-0720	EA	7/8" Diameter x 14" Length Shank, Welded Eye Rod	71.17	10.69
		<i>For Work In Restricted Working Space, Add</i>	6.42	
23 05 29 00-0721	EA	7/8" Diameter x 18" Length Shank, Welded Eye Rod	75.08	11.03
		<i>For Work In Restricted Working Space, Add</i>	6.59	
23 05 29 00-0722	EA	7/8" Diameter x 24" Length Shank, Welded Eye Rod	81.45	11.38
		<i>For Work In Restricted Working Space, Add</i>	6.85	
23 05 29 00-0723	EA	7/8" Diameter x 30" Length Shank, Welded Eye Rod	87.29	11.85
		<i>For Work In Restricted Working Space, Add</i>	7.11	
23 05 29 00-0724	EA	7/8" Diameter x 36" Length Shank, Welded Eye Rod	93.68	12.31
		<i>For Work In Restricted Working Space, Add</i>	7.37	
23 05 29 00-0725	EA	7/8" Diameter x 42" Length Shank, Welded Eye Rod	99.51	12.66
		<i>For Work In Restricted Working Space, Add</i>	7.62	
23 05 29 00-0726	EA	7/8" Diameter x 48" Length Shank, Welded Eye Rod	105.36	13.12
		<i>For Work In Restricted Working Space, Add</i>	7.88	
23 05 29 00-0727	EA	1" Diameter x 8" Length Shank, Welded Eye Rod	80.93	12.31
		<i>For Work In Restricted Working Space, Add</i>	7.36	
23 05 29 00-0728	EA	1" Diameter x 10" Length Shank, Welded Eye Rod	83.47	12.43
		<i>For Work In Restricted Working Space, Add</i>	7.45	
23 05 29 00-0729	EA	1" Diameter x 12" Length Shank, Welded Eye Rod	86.00	12.54
		<i>For Work In Restricted Working Space, Add</i>	7.55	
23 05 29 00-0730	EA	1" Diameter x 14" Length Shank, Welded Eye Rod	88.53	12.77
		<i>For Work In Restricted Working Space, Add</i>	7.64	
23 05 29 00-0731	EA	1" Diameter x 18" Length Shank, Welded Eye Rod	93.59	13.12
		<i>For Work In Restricted Working Space, Add</i>	7.84	
23 05 29 00-0732	EA	1" Diameter x 24" Length Shank, Welded Eye Rod	101.20	13.59
		<i>For Work In Restricted Working Space, Add</i>	8.13	
23 05 29 00-0733	EA	1" Diameter x 30" Length Shank, Welded Eye Rod	108.82	14.05
		<i>For Work In Restricted Working Space, Add</i>	8.42	
23 05 29 00-0734	EA	1" Diameter x 36" Length Shank, Welded Eye Rod	116.95	14.51
		<i>For Work In Restricted Working Space, Add</i>	8.71	
23 05 29 00-0735	EA	1" Diameter x 42" Length Shank, Welded Eye Rod	124.56	14.98
		<i>For Work In Restricted Working Space, Add</i>	9.00	
23 05 29 00-0736	EA	1" Diameter x 48" Length Shank, Welded Eye Rod	132.18	15.44
		<i>For Work In Restricted Working Space, Add</i>	9.29	

23 05 29 00-0737 Welded Linked Eye Rod (Cooper B-Line B3211X) (23 05 29 00-0621)

23 05 29 00-0738	EA	3/8" Diameter x 16" Length Shank, Linked Welded Eye Rod	51.29	8.48
		<i>For Work In Restricted Working Space, Add</i>	5.11	
23 05 29 00-0739	EA	3/8" Diameter x 20" Length Shank, Linked Welded Eye Rod	52.67	8.71
		<i>For Work In Restricted Working Space, Add</i>	5.25	
23 05 29 00-0740	EA	3/8" Diameter x 24" Length Shank, Linked Welded Eye Rod	54.07	9.05
		<i>For Work In Restricted Working Space, Add</i>	5.40	
23 05 29 00-0741	EA	3/8" Diameter x 30" Length Shank, Linked Welded Eye Rod	54.80	9.40
		<i>For Work In Restricted Working Space, Add</i>	5.62	
23 05 29 00-0742	EA	3/8" Diameter x 36" Length Shank, Linked Welded Eye Rod	57.34	9.75
		<i>For Work In Restricted Working Space, Add</i>	5.83	
23 05 29 00-0743	EA	3/8" Diameter x 48" Length Shank, Linked Welded Eye Rod	60.67	10.45
		<i>For Work In Restricted Working Space, Add</i>	6.27	
23 05 29 00-0744	EA	3/8" Diameter x 60" Length Shank, Linked Welded Eye Rod	63.02	11.15
		<i>For Work In Restricted Working Space, Add</i>	6.70	
23 05 29 00-0745	EA	3/8" Diameter x 72" Length Shank, Linked Welded Eye Rod	67.26	11.95
		<i>For Work In Restricted Working Space, Add</i>	7.14	
23 05 29 00-0746	EA	1/2" Diameter x 16" Length Shank, Linked Welded Eye Rod	65.72	9.41
		<i>For Work In Restricted Working Space, Add</i>	5.65	
23 05 29 00-0747	EA	1/2" Diameter x 20" Length Shank, Linked Welded Eye Rod	67.14	9.64
		<i>For Work In Restricted Working Space, Add</i>	5.80	
23 05 29 00-0748	EA	1/2" Diameter x 24" Length Shank, Linked Welded Eye Rod	68.61	9.87
		<i>For Work In Restricted Working Space, Add</i>	5.95	
23 05 29 00-0749	EA	1/2" Diameter x 30" Length Shank, Linked Welded Eye Rod	70.30	10.33
		<i>For Work In Restricted Working Space, Add</i>	6.19	
23 05 29 00-0750	EA	1/2" Diameter x 36" Length Shank, Linked Welded Eye Rod	72.89	10.69
		<i>For Work In Restricted Working Space, Add</i>	6.41	
23 05 29 00-0751	EA	1/2" Diameter x 48" Length Shank, Linked Welded Eye Rod	78.14	11.49
		<i>For Work In Restricted Working Space, Add</i>	6.88	
23 05 29 00-0752	EA	1/2" Diameter x 60" Length Shank, Linked Welded Eye Rod	82.46	12.19
		<i>For Work In Restricted Working Space, Add</i>	7.34	
23 05 29 00-0753	EA	1/2" Diameter x 72" Length Shank, Linked Welded Eye Rod	87.69	13.00
		<i>For Work In Restricted Working Space, Add</i>	7.81	
23 05 29 00-0754	EA	5/8" Diameter x 16" Length Shank, Linked Welded Eye Rod	87.22	10.46
		<i>For Work In Restricted Working Space, Add</i>	6.30	
23 05 29 00-0755	EA	5/8" Diameter x 20" Length Shank, Linked Welded Eye Rod	89.58	10.80
		<i>For Work In Restricted Working Space, Add</i>	6.46	
23 05 29 00-0756	EA	5/8" Diameter x 24" Length Shank, Linked Welded Eye Rod	91.98	11.03
		<i>For Work In Restricted Working Space, Add</i>	6.62	
23 05 29 00-0757	EA	5/8" Diameter x 30" Length Shank, Linked Welded Eye Rod	93.72	11.49
		<i>For Work In Restricted Working Space, Add</i>	6.86	
23 05 29 00-0758	EA	5/8" Diameter x 36" Length Shank, Linked Welded Eye Rod	97.28	11.85
		<i>For Work In Restricted Working Space, Add</i>	7.10	
23 05 29 00-0759	EA	5/8" Diameter x 48" Length Shank, Linked Welded Eye Rod	103.49	12.66
		<i>For Work In Restricted Working Space, Add</i>	7.58	
23 05 29 00-0760	EA	5/8" Diameter x 60" Length Shank, Linked Welded Eye Rod	109.69	13.47
		<i>For Work In Restricted Working Space, Add</i>	8.06	
23 05 29 00-0761	EA	5/8" Diameter x 72" Length Shank, Linked Welded Eye Rod	114.98	14.28
		<i>For Work In Restricted Working Space, Add</i>	8.55	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0762	EA		3/4" Diameter x 16" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	109.81 7.13	11.85
23 05 29 00-0763	EA		3/4" Diameter x 20" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	113.16 7.30	12.19
23 05 29 00-0764	EA		3/4" Diameter x 24" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	115.52 7.46	12.43
23 05 29 00-0765	EA		3/4" Diameter x 30" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	119.12 7.71	12.89
23 05 29 00-0766	EA		3/4" Diameter x 36" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	124.55 7.96	13.24
23 05 29 00-0767	EA		3/4" Diameter x 48" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	132.63 8.45	14.05
23 05 29 00-0768	EA		3/4" Diameter x 60" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	140.75 8.95	14.87
23 05 29 00-0769	EA		3/4" Diameter x 72" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	149.78 9.44	15.79
23 05 29 00-0770	EA		7/8" Diameter x 16" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	131.71 8.25	13.70
23 05 29 00-0771	EA		7/8" Diameter x 20" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	135.97 8.42	14.05
23 05 29 00-0772	EA		7/8" Diameter x 24" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	139.32 8.60	14.28
23 05 29 00-0773	EA		7/8" Diameter x 30" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	142.93 8.85	14.75
23 05 29 00-0774	EA		7/8" Diameter x 36" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	149.36 9.11	15.21
23 05 29 00-0775	EA		7/8" Diameter x 48" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	160.27 9.62	16.03
23 05 29 00-0776	EA		7/8" Diameter x 60" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	170.28 10.14	16.95
23 05 29 00-0777	EA		7/8" Diameter x 72" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	181.21 10.66	17.77
23 05 29 00-0778	EA		1" Diameter x 16" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	167.38 9.83	16.37
23 05 29 00-0779	EA		1" Diameter x 20" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	171.72 10.03	16.72
23 05 29 00-0780	EA		1" Diameter x 24" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	176.05 10.22	17.07
23 05 29 00-0781	EA		1" Diameter x 30" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	180.71 10.51	17.54
23 05 29 00-0782	EA		1" Diameter x 36" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	189.02 10.80	18.00
23 05 29 00-0783	EA		1" Diameter x 48" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	202.03 11.38	18.93
23 05 29 00-0784	EA		1" Diameter x 60" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	215.07 11.96	19.97
23 05 29 00-0785	EA		1" Diameter x 72" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	228.91 12.54	20.90
23 05 29 00-0786			Attachments (23 05 29 00-0620)		
23 05 29 00-0787			Welded Beam Attachments (B-Line B-3083) (23 05 29 00-0786) Note: Type 22.		
23 05 29 00-0788	EA		3/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)..... <i>For Work In Restricted Working Space, Add</i>	53.25 6.50	10.83
23 05 29 00-0789	EA		1/2" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)..... <i>For Work In Restricted Working Space, Add</i>	56.89 6.84	11.37
23 05 29 00-0790	EA		5/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)..... <i>For Work In Restricted Working Space, Add</i>	60.60 7.22	12.03
23 05 29 00-0791	EA		3/4" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)..... <i>For Work In Restricted Working Space, Add</i>	78.40 7.65	12.78
23 05 29 00-0792	EA		7/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)..... <i>For Work In Restricted Working Space, Add</i>	94.80 8.13	13.54
23 05 29 00-0793	EA		1" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)..... <i>For Work In Restricted Working Space, Add</i>	134.33 9.29	15.49
23 05 29 00-0794	EA		1-1/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)..... <i>For Work In Restricted Working Space, Add</i>	192.56 9.75	16.25
23 05 29 00-0795			C-Clamp Style Beam Clamps (B-Line B-3034) (23 05 29 00-0786) Note: Type 23. Top or bottom flange mount.		
23 05 29 00-0796	EA		3/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)..... <i>For Work In Restricted Working Space, Add</i>	18.38 4.35	5.92
23 05 29 00-0797	EA		1/2" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)..... <i>For Work In Restricted Working Space, Add</i>	22.17 4.64	7.54
23 05 29 00-0798	EA		5/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)..... <i>For Work In Restricted Working Space, Add</i>	25.29 4.98	8.13
23 05 29 00-0799	EA		3/4" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)..... <i>For Work In Restricted Working Space, Add</i>	32.96 5.36	8.71
23 05 29 00-0800	EA		7/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)..... <i>For Work In Restricted Working Space, Add</i>	48.67 5.81	9.29
23 05 29 00-0801			Bottom Mount I-Beam Clamps (B-Line B-3055) (23 05 29 00-0786) Note: Type 21. For attaching threaded rod centered under beam flanges.		
23 05 29 00-0802	EA		3/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)..... <i>For Work In Restricted Working Space, Add</i>	53.27 5.80	8.13

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 29 00-0803	EA	1/2" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055).....	79.25	10.46
		<i>For Work In Restricted Working Space, Add</i>	6.33	
23 05 29 00-0804	EA	5/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055).....	114.14	11.61
		<i>For Work In Restricted Working Space, Add</i>	6.97	
23 05 29 00-0805	EA	3/4" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055).....	136.87	12.77
		<i>For Work In Restricted Working Space, Add</i>	7.74	
23 05 29 00-0806	EA	1" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055).....	335.68	13.93
		<i>For Work In Restricted Working Space, Add</i>	8.71	
23 05 29 00-0807		Steel U-Bolts (B-Line B-3188) (23 05 29 00-0786)		
		Note: Type 24. Includes plate and nuts.		
23 05 29 00-0808	EA	1/2" Pipe Size, Steel U-Bolt (B-Line B-3188).....	15.01	2.90
		<i>For Work In Restricted Working Space, Add</i>	3.48	
23 05 29 00-0809	EA	3/4" Pipe Size, Steel U-Bolt (B-Line B-3188).....	16.32	3.48
		<i>For Work In Restricted Working Space, Add</i>	3.66	
23 05 29 00-0810	EA	1" Pipe Size, Steel U-Bolt (B-Line B-3188).....	17.61	3.48
		<i>For Work In Restricted Working Space, Add</i>	3.87	
23 05 29 00-0811	EA	1-1/4" Pipe Size, Steel U-Bolt (B-Line B-3188).....	20.14	3.48
		<i>For Work In Restricted Working Space, Add</i>	4.10	
23 05 29 00-0812	EA	1-1/2" Pipe Size, Steel U-Bolt (B-Line B-3188).....	20.76	4.06
		<i>For Work In Restricted Working Space, Add</i>	4.35	
23 05 29 00-0813	EA	2" Pipe Size, Steel U-Bolt (B-Line B-3188).....	22.22	4.06
		<i>For Work In Restricted Working Space, Add</i>	4.64	
23 05 29 00-0814	EA	2-1/2" Pipe Size, Steel U-Bolt (B-Line B-3188).....	32.74	4.06
		<i>For Work In Restricted Working Space, Add</i>	4.97	
23 05 29 00-0815	EA	3" Pipe Size, Steel U-Bolt (B-Line B-3188).....	36.15	4.64
		<i>For Work In Restricted Working Space, Add</i>	5.36	
23 05 29 00-0816	EA	4" Pipe Size, Steel U-Bolt (B-Line B-3188).....	43.95	5.23
		<i>For Work In Restricted Working Space, Add</i>	5.80	
23 05 29 00-0817		Copper Standoff Brackets With Flange (23 05 29 00-0786)		
		Note: Installed in wood, concrete, concrete block or steel.		
23 05 29 00-0818	EA	Clamp Size 1/2", Copper Standoff Brackets With Flange.....	34.75	16.60
		<i>For Work In Restricted Working Space, Add</i>	9.95	
23 05 29 00-0819	EA	Clamp Size 3/4", Copper Standoff Brackets With Flange.....	34.84	16.60
		<i>For Work In Restricted Working Space, Add</i>	9.95	
23 05 29 00-0820	EA	Clamp Size 1", Copper Standoff Brackets With Flange.....	34.94	16.60
		<i>For Work In Restricted Working Space, Add</i>	9.95	
23 05 29 00-0821	EA	Clamp Size 1 1/4", Copper Standoff Brackets With Flange.....	37.13	17.65
		<i>For Work In Restricted Working Space, Add</i>	10.55	
23 05 29 00-0822	EA	Clamp Size 1 1/2", Copper Standoff Brackets With Flange.....	37.32	17.65
		<i>For Work In Restricted Working Space, Add</i>	10.55	
23 05 29 00-0823		Malleable Iron Eye Sockets (B-Line B-3222) (23 05 29 00-0786)		
		Note: Type 16.		
23 05 29 00-0824	EA	3/8" Rod Size, Malleable Iron Eye Socket.....	12.07	1.74
		<i>For Work In Restricted Working Space, Add</i>	1.06	
23 05 29 00-0825	EA	1/2" Rod Size, Malleable Iron Eye Socket.....	15.37	2.33
		<i>For Work In Restricted Working Space, Add</i>	1.39	
23 05 29 00-0826	EA	5/8" Rod Size, Malleable Iron Eye Socket.....	26.72	2.33
		<i>For Work In Restricted Working Space, Add</i>	1.41	
23 05 29 00-0827	EA	3/4" Rod Size, Malleable Iron Eye Socket.....	37.85	2.33
		<i>For Work In Restricted Working Space, Add</i>	1.39	
23 05 29 00-0828	EA	7/8" Rod Size, Malleable Iron Eye Socket.....	40.80	2.90
		<i>For Work In Restricted Working Space, Add</i>	1.74	
23 05 29 00-0829		Steel Weldless Eye Nuts (B-Line B-3200) (23 05 29 00-0786)		
		Note: Type 17.		
23 05 29 00-0830	EA	3/8" Rod Size, Steel Weldless Eye Nut.....	40.05	1.74
		<i>For Work In Restricted Working Space, Add</i>	1.06	
23 05 29 00-0831	EA	1/2" Rod Size, Steel Weldless Eye Nut.....	41.17	2.33
		<i>For Work In Restricted Working Space, Add</i>	1.39	
23 05 29 00-0832	EA	5/8" Rod Size, Steel Weldless Eye Nut.....	41.22	2.33
		<i>For Work In Restricted Working Space, Add</i>	1.41	
23 05 29 00-0833	EA	3/4" Rod Size, Steel Weldless Eye Nut.....	41.17	2.33
		<i>For Work In Restricted Working Space, Add</i>	1.39	
23 05 29 00-0834	EA	7/8" Rod Size, Steel Weldless Eye Nut.....	80.62	2.56
		<i>For Work In Restricted Working Space, Add</i>	1.57	
23 05 29 00-0835	EA	1" Rod Size, Steel Weldless Eye Nut.....	81.19	2.90
		<i>For Work In Restricted Working Space, Add</i>	1.74	
23 05 29 00-0836		Top Mount I-Beam Clamps (B-Line B-3042) (23 05 29 00-0786)		
		Note: For attaching threaded rod to either side of an I-beam.		
23 05 29 00-0837	EA	3/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp.....	26.34	5.42
		<i>For Work In Restricted Working Space, Add</i>	3.25	
23 05 29 00-0838	EA	1/2" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp.....	31.80	5.96
		<i>For Work In Restricted Working Space, Add</i>	3.59	
23 05 29 00-0839	EA	5/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp.....	38.66	6.50
		<i>For Work In Restricted Working Space, Add</i>	3.94	
23 05 29 00-0840	EA	3/4" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp.....	53.53	7.04
		<i>For Work In Restricted Working Space, Add</i>	4.14	
23 05 29 00-0841	EA	7/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp.....	82.65	8.13
		<i>For Work In Restricted Working Space, Add</i>	4.88	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0842	EA		3/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp <i>For Work In Restricted Working Space, Add</i>	27.78 3.25	5.42
23 05 29 00-0843	EA		1/2" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp <i>For Work In Restricted Working Space, Add</i>	33.83 3.99	5.96
23 05 29 00-0844	EA		5/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp <i>For Work In Restricted Working Space, Add</i>	38.66 3.94	6.50
23 05 29 00-0845	EA		3/4" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp <i>For Work In Restricted Working Space, Add</i>	58.88 4.14	7.04
23 05 29 00-0846	EA		7/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp <i>For Work In Restricted Working Space, Add</i>	91.79 4.88	8.13
23 05 29 00-0847	EA		3/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp <i>For Work In Restricted Working Space, Add</i>	31.13 3.25	5.42
23 05 29 00-0848	EA		1/2" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp <i>For Work In Restricted Working Space, Add</i>	37.60 3.99	5.96
23 05 29 00-0849	EA		5/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp <i>For Work In Restricted Working Space, Add</i>	47.48 3.94	6.50
23 05 29 00-0850	EA		3/4" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp <i>For Work In Restricted Working Space, Add</i>	68.89 4.14	7.04
23 05 29 00-0851	EA		7/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp <i>For Work In Restricted Working Space, Add</i>	111.37 4.88	8.13
23 05 29 00-0852			Side Beam Brackets (B-Line B-3062) <small>(23 05 29 00-0786)</small>		
			Note: Type 34.		
23 05 29 00-0853	EA		3/8" Rod Size, Side Beam Bracket <i>For Work In Restricted Working Space, Add</i>	20.76 4.35	7.54
23 05 29 00-0854	EA		1/2" Rod Size, Side Beam Bracket <i>For Work In Restricted Working Space, Add</i>	24.75 4.64	7.54
23 05 29 00-0855	EA		5/8" Rod Size, Side Beam Bracket <i>For Work In Restricted Working Space, Add</i>	32.40 4.98	8.13
23 05 29 00-0856	EA		3/4" Rod Size, Side Beam Bracket <i>For Work In Restricted Working Space, Add</i>	58.76 5.36	8.71
23 05 29 00-0857	EA		7/8" Rod Size, Side Beam Bracket <i>For Work In Restricted Working Space, Add</i>	68.94 5.81	9.87
23 05 29 00-0858			Hex Lag Bolts <small>(23 05 29 00-0786)</small>		
			Note: Also known as coach screws.		
23 05 29 00-0859	EA		3/8" x 3-1/2" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	3.03 0.73	
23 05 29 00-0860	EA		3/8" x 4" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	3.09 0.75	
23 05 29 00-0861	EA		3/8" x 6" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	3.44 0.78	
23 05 29 00-0862	EA		3/8" x 8" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	4.08 0.81	
23 05 29 00-0863	EA		3/8" x 10" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	4.33 0.84	
23 05 29 00-0864	EA		3/8" x 12" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	5.34 0.87	
23 05 29 00-0865	EA		1/2" x 3-1/2" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	4.07 0.87	
23 05 29 00-0866	EA		1/2" x 4" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	4.16 0.91	
23 05 29 00-0867	EA		1/2" x 6" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	4.77 0.95	
23 05 29 00-0868	EA		1/2" x 8" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	5.49 0.99	
23 05 29 00-0869	EA		1/2" x 10" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	6.39 1.04	
23 05 29 00-0870	EA		1/2" x 12" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	6.84 1.09	
23 05 29 00-0871	EA		5/8" x 4" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	5.49 0.97	
23 05 29 00-0872	EA		3/4" x 5" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	6.36 0.99	
23 05 29 00-0873			Stainless Steel Threaded Rod And Rod Accessories <small>(23 05 29 00-0620)</small>		
23 05 29 00-0874			304 Stainless Steel Threaded Rod <small>(23 05 29 00-0873)</small>		
23 05 29 00-0875	LF		1/4" Diameter, 304 Stainless Steel Threaded Rod <i>For Work In Restricted Working Space, Add</i>	4.06 0.35	0.58
23 05 29 00-0876	LF		5/16" Diameter, 304 Stainless Steel Threaded Rod <i>For Work In Restricted Working Space, Add</i>	6.22 0.38	0.58
23 05 29 00-0877	LF		3/8" Diameter, 304 Stainless Steel Threaded Rod <i>For Work In Restricted Working Space, Add</i>	7.94 0.40	0.69
23 05 29 00-0878	LF		7/16" Diameter, 304 Stainless Steel Threaded Rod <i>For Work In Restricted Working Space, Add</i>	11.22 0.41	0.69
23 05 29 00-0879	LF		1/2" Diameter, 304 Stainless Steel Threaded Rod <i>For Work In Restricted Working Space, Add</i>	13.57 0.44	0.69
23 05 29 00-0880	LF		5/8" Diameter, 304 Stainless Steel Threaded Rod <i>For Work In Restricted Working Space, Add</i>	20.63 0.46	0.82
23 05 29 00-0881	LF		3/4" Diameter, 304 Stainless Steel Threaded Rod <i>For Work In Restricted Working Space, Add</i>	29.10 0.48	0.82
23 05 29 00-0882	LF		7/8" Diameter, 304 Stainless Steel Threaded Rod <i>For Work In Restricted Working Space, Add</i>	40.24 0.51	0.82

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
23 05 29 00-0883	LF	1" Diameter, 304 Stainless Steel Threaded Rod..... <i>For Work In Restricted Working Space, Add</i>	51.67 0.58		0.93
23 05 29 00-0884	LF	1-1/4" Diameter, 304 Stainless Steel Threaded Rod..... <i>For Work In Restricted Working Space, Add</i>	109.81 0.73		1.16
23 05 29 00-0885		304 Stainless Steel Flat Washers (23 05 29 00-0873)			
23 05 29 00-0886	EA	3/8", 304 Stainless Steel Flat Washer..... <i>For Work In Restricted Working Space, Add</i>	0.82 0.14		0.23
23 05 29 00-0887	EA	1/2", 304 Stainless Steel Flat Washer..... <i>For Work In Restricted Working Space, Add</i>	1.69 0.16		0.23
23 05 29 00-0888		304 Stainless Steel Hex Nuts (23 05 29 00-0873)			
23 05 29 00-0889	EA	3/8-16, 304 Stainless Steel Hex Nut..... <i>For Work In Restricted Working Space, Add</i>	2.70 0.67		1.16
23 05 29 00-0890	EA	1/2-13, 304 Stainless Steel Hex Nut..... <i>For Work In Restricted Working Space, Add</i>	3.59 0.73		1.16
23 05 29 00-0891		316 Stainless Steel U-Bolts (23 05 29 00-0873) Note: Type 24. Includes nuts.			
23 05 29 00-0892	EA	1/2" Pipe Size, 316 Stainless Steel U-Bolt..... <i>For Work In Restricted Working Space, Add</i>	29.06 3.48		5.80
23 05 29 00-0893	EA	3/4" Pipe Size, 316 Stainless Steel U-Bolt..... <i>For Work In Restricted Working Space, Add</i>	29.97 3.66		6.15
23 05 29 00-0894	EA	1" Pipe Size, 316 Stainless Steel U-Bolt..... <i>For Work In Restricted Working Space, Add</i>	31.17 3.87		6.50
23 05 29 00-0895	EA	1-1/4" Pipe Size, 316 Stainless Steel U-Bolt..... <i>For Work In Restricted Working Space, Add</i>	32.48 4.10		6.85
23 05 29 00-0896	EA	1-1/2" Pipe Size, 316 Stainless Steel U-Bolt..... <i>For Work In Restricted Working Space, Add</i>	33.91 4.35		7.20
23 05 29 00-0897	EA	2" Pipe Size, 316 Stainless Steel U-Bolt..... <i>For Work In Restricted Working Space, Add</i>	42.37 4.64		7.77
23 05 29 00-0898	EA	2-1/2" Pipe Size, 316 Stainless Steel U-Bolt..... <i>For Work In Restricted Working Space, Add</i>	45.34 4.97		8.24
23 05 29 00-0899	EA	3" Pipe Size, 316 Stainless Steel U-Bolt..... <i>For Work In Restricted Working Space, Add</i>	48.64 5.36		8.94
23 05 29 00-0900	EA	3-1/2" Pipe Size, 316 Stainless Steel U-Bolt..... <i>For Work In Restricted Working Space, Add</i>	51.09 5.57		9.28
23 05 29 00-0901	EA	4" Pipe Size, 316 Stainless Steel U-Bolt..... <i>For Work In Restricted Working Space, Add</i>	53.96 5.80		9.64
23 05 29 00-0902	EA	5" Pipe Size, 316 Stainless Steel U-Bolt..... <i>For Work In Restricted Working Space, Add</i>	56.18 5.96		9.98
23 05 29 00-0903	EA	6" Pipe Size, 316 Stainless Steel U-Bolt..... <i>For Work In Restricted Working Space, Add</i>	61.82 6.09		10.10
23 05 29 00-0904	EA	8" Pipe Size, 316 Stainless Steel U-Bolt..... <i>For Work In Restricted Working Space, Add</i>	243.31 6.22		10.33
23 05 29 00-0905	EA	10" Pipe Size, 316 Stainless Steel U-Bolt..... <i>For Work In Restricted Working Space, Add</i>	348.26 6.40		10.68
23 05 29 00-0906	EA	12" Pipe Size, 316 Stainless Steel U-Bolt..... <i>For Work In Restricted Working Space, Add</i>	540.48 6.59		11.03
23 05 29 00-0907		Hanger Strap (23 05 29 00-0620)			
23 05 29 00-0908	LF	3/4" Wide x 0.025" Thick Galvanized Hanger Strap.....	5.62		
23 05 29 00-0909		Shields And Saddles (23 05 29)			
23 05 29 00-0910		Insulation Protection Shield (23 05 29 00-0909) Note: Type 40.			
23 05 29 00-0911		Insulation Protection Shield (Cooper B-Line B3151) (23 05 29 00-0910)			
23 05 29 00-0912	EA	1-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)..... <i>For Work In Restricted Working Space, Add</i>	14.98 2.79		2.79
23 05 29 00-0913	EA	2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)..... <i>For Work In Restricted Working Space, Add</i>	15.20 2.82		2.82
23 05 29 00-0914	EA	2-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)..... <i>For Work In Restricted Working Space, Add</i>	15.55 2.86		2.86
23 05 29 00-0915	EA	3" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)..... <i>For Work In Restricted Working Space, Add</i>	16.21 2.89		2.89
23 05 29 00-0916	EA	4" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)..... <i>For Work In Restricted Working Space, Add</i>	17.78 2.96		2.96
23 05 29 00-0917	EA	6" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)..... <i>For Work In Restricted Working Space, Add</i>	21.33 3.03		3.03
23 05 29 00-0918	EA	8" Outside Diameter, 16 Gauge Insulation Protection Shield, 18" Length (Cooper B-Line B3151)..... <i>For Work In Restricted Working Space, Add</i>	24.54 3.10		3.10
23 05 29 00-0919	EA	10" Outside Diameter, 16 Gauge Insulation Protection Shield, 18" Length (Cooper B-Line B3151)..... <i>For Work In Restricted Working Space, Add</i>	29.60 3.17		3.17
23 05 29 00-0920	EA	12" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)..... <i>For Work In Restricted Working Space, Add</i>	37.46 3.21		3.20
23 05 29 00-0921	EA	14" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)..... <i>For Work In Restricted Working Space, Add</i>	40.63 3.24		3.24
23 05 29 00-0922	EA	16" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)..... <i>For Work In Restricted Working Space, Add</i>	55.18 3.28		3.27
23 05 29 00-0923	EA	18" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)..... <i>For Work In Restricted Working Space, Add</i>	61.75 3.31		3.31

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0924	EA	20" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)..... <i>For Work In Restricted Working Space, Add</i>	112.78 3.35	3.34
23 05 29 00-0925	EA	24" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)..... <i>For Work In Restricted Working Space, Add</i>	122.45 3.41	3.41
23 05 29 00-0926	EA	30" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)..... <i>For Work In Restricted Working Space, Add</i>	147.58 3.48	3.49
23 05 29 00-0927		Insulation Protection Shield (Cooper B-Line B3154) <small>(23 05 29 00-0910)</small>		
23 05 29 00-0928	EA	1-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)..... <i>For Work In Restricted Working Space, Add</i>	13.42 2.79	2.79
23 05 29 00-0929	EA	2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)..... <i>For Work In Restricted Working Space, Add</i>	13.61 2.82	2.82
23 05 29 00-0930	EA	2-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)..... <i>For Work In Restricted Working Space, Add</i>	13.89 2.86	2.86
23 05 29 00-0931	EA	3" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)..... <i>For Work In Restricted Working Space, Add</i>	14.41 2.89	2.89
23 05 29 00-0932	EA	4" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)..... <i>For Work In Restricted Working Space, Add</i>	15.61 2.96	2.96
23 05 29 00-0933	EA	6" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)..... <i>For Work In Restricted Working Space, Add</i>	18.24 3.03	3.03
23 05 29 00-0934	EA	8" Outside Diameter, 16 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3154)..... <i>For Work In Restricted Working Space, Add</i>	19.50 3.10	3.10
23 05 29 00-0935	EA	10" Outside Diameter, 16 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3154)..... <i>For Work In Restricted Working Space, Add</i>	24.37 3.17	3.17
23 05 29 00-0936	EA	12" Outside Diameter, 14 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3154)..... <i>For Work In Restricted Working Space, Add</i>	28.87 3.21	3.20
23 05 29 00-0937		Pipe Covering Protection Saddle <small>(23 05 29 00-0909)</small>		
		Note: Sizes are pipe sizes.		
23 05 29 00-0938		Saddle, For 1" Insulation (Cooper B-Line B3160) <small>(23 05 29 00-0937)</small>		
23 05 29 00-0939	EA	3/4" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) <i>For Work In Restricted Working Space, Add</i>	22.72 3.83	3.84
23 05 29 00-0940	EA	1" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) <i>For Work In Restricted Working Space, Add</i>	22.83 3.87	3.87
23 05 29 00-0941	EA	1-1/4" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) <i>For Work In Restricted Working Space, Add</i>	22.94 3.90	3.90
23 05 29 00-0942	EA	1-1/2" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) <i>For Work In Restricted Working Space, Add</i>	23.99 3.96	3.96
23 05 29 00-0943	EA	2" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) <i>For Work In Restricted Working Space, Add</i>	24.10 4.00	4.00
23 05 29 00-0944	EA	2-1/2" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) <i>For Work In Restricted Working Space, Add</i>	24.86 4.06	4.06
23 05 29 00-0945	EA	3" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) <i>For Work In Restricted Working Space, Add</i>	27.43 4.13	4.12
23 05 29 00-0946	EA	4" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) <i>For Work In Restricted Working Space, Add</i>	30.54 4.19	4.20
23 05 29 00-0947	EA	6" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) <i>For Work In Restricted Working Space, Add</i>	34.11 4.32	4.32
23 05 29 00-0948	EA	8" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) <i>For Work In Restricted Working Space, Add</i>	41.08 4.49	4.48
23 05 29 00-0949	EA	10" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) <i>For Work In Restricted Working Space, Add</i>	45.65 4.55	4.55
23 05 29 00-0950	EA	12" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) <i>For Work In Restricted Working Space, Add</i>	53.69 4.65	4.55
23 05 29 00-0951	EA	14" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) <i>For Work In Restricted Working Space, Add</i>	58.42 4.71	4.72
23 05 29 00-0952		Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) <small>(23 05 29 00-0937)</small>		
23 05 29 00-0953	EA	3/4" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) <i>For Work In Restricted Working Space, Add</i>	25.37 3.83	3.84
23 05 29 00-0954	EA	1" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) <i>For Work In Restricted Working Space, Add</i>	25.48 3.87	3.87
23 05 29 00-0955	EA	1-1/4" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) <i>For Work In Restricted Working Space, Add</i>	25.59 3.90	3.90
23 05 29 00-0956	EA	1-1/2" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) <i>For Work In Restricted Working Space, Add</i>	26.46 3.96	3.96
23 05 29 00-0957	EA	2" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) <i>For Work In Restricted Working Space, Add</i>	28.41 4.00	4.00
23 05 29 00-0958	EA	2-1/2" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) <i>For Work In Restricted Working Space, Add</i>	30.46 4.06	4.06
23 05 29 00-0959	EA	3" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) <i>For Work In Restricted Working Space, Add</i>	30.98 4.13	4.12
23 05 29 00-0960	EA	4" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) <i>For Work In Restricted Working Space, Add</i>	34.91 4.19	4.12
23 05 29 00-0961	EA	6" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) <i>For Work In Restricted Working Space, Add</i>	39.06 4.32	4.32
23 05 29 00-0962	EA	8" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) <i>For Work In Restricted Working Space, Add</i>	45.93 4.49	4.48
23 05 29 00-0963	EA	10" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) <i>For Work In Restricted Working Space, Add</i>	51.38 4.55	4.55
23 05 29 00-0964	EA	12" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) <i>For Work In Restricted Working Space, Add</i>	60.77 4.65	4.65
23 05 29 00-0965	EA	14" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) <i>For Work In Restricted Working Space, Add</i>	66.36 4.71	4.72

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 29 00-0966	Saddle, For 2" Insulation (Cooper B-Line B3162) (23 05 29 00-0937)		
23 05 29 00-0967	EA 3/4" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162).....	27.12	4.03
	<i>For Work In Restricted Working Space, Add</i>		4.03
23 05 29 00-0968	EA 1" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162).....	27.22	4.06
	<i>For Work In Restricted Working Space, Add</i>		4.06
23 05 29 00-0969	EA 1-1/4" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162).....	28.56	4.09
	<i>For Work In Restricted Working Space, Add</i>		4.10
23 05 29 00-0970	EA 1-1/2" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162).....	29.39	4.16
	<i>For Work In Restricted Working Space, Add</i>		4.16
23 05 29 00-0971	EA 2" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162).....	30.13	4.20
	<i>For Work In Restricted Working Space, Add</i>		4.19
23 05 29 00-0972	EA 2-1/2" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162).....	30.34	4.27
	<i>For Work In Restricted Working Space, Add</i>		4.26
23 05 29 00-0973	EA 3" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162).....	31.98	4.33
	<i>For Work In Restricted Working Space, Add</i>		4.32
23 05 29 00-0974	EA 4" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162).....	33.61	4.40
	<i>For Work In Restricted Working Space, Add</i>		4.39
23 05 29 00-0975	EA 6" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162).....	42.34	4.54
	<i>For Work In Restricted Working Space, Add</i>		4.55
23 05 29 00-0976	EA 8" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162).....	47.79	4.72
	<i>For Work In Restricted Working Space, Add</i>		4.71
23 05 29 00-0977	EA 10" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162).....	50.10	4.78
	<i>For Work In Restricted Working Space, Add</i>		4.78
23 05 29 00-0978	EA 12" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162).....	66.82	4.87
	<i>For Work In Restricted Working Space, Add</i>		4.88
23 05 29 00-0979	EA 14" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162).....	73.78	4.95
	<i>For Work In Restricted Working Space, Add</i>		4.94
23 05 29 00-0980	EA 16" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162).....	80.95	5.07
	<i>For Work In Restricted Working Space, Add</i>		5.07
23 05 29 00-0981	EA 18" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162).....	88.12	5.20
	<i>For Work In Restricted Working Space, Add</i>		5.20
23 05 29 00-0982	EA 20" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162).....	96.46	5.33
	<i>For Work In Restricted Working Space, Add</i>		5.33
23 05 29 00-0983	EA 24" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162).....	110.15	5.46
	<i>For Work In Restricted Working Space, Add</i>		5.46
23 05 29 00-0984	Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) (23 05 29 00-0937)		
23 05 29 00-0985	EA 1-1/4" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163).....	30.22	4.20
	<i>For Work In Restricted Working Space, Add</i>		4.19
23 05 29 00-0986	EA 1-1/2" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163).....	31.81	4.26
	<i>For Work In Restricted Working Space, Add</i>		4.26
23 05 29 00-0987	EA 2" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163).....	32.62	4.30
	<i>For Work In Restricted Working Space, Add</i>		4.29
23 05 29 00-0988	EA 2-1/2" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163).....	33.54	4.37
	<i>For Work In Restricted Working Space, Add</i>		4.36
23 05 29 00-0989	EA 3" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163).....	33.86	4.44
	<i>For Work In Restricted Working Space, Add</i>		4.45
23 05 29 00-0990	EA 4" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163).....	39.06	4.50
	<i>For Work In Restricted Working Space, Add</i>		4.52
23 05 29 00-0991	EA 6" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163).....	44.47	4.65
	<i>For Work In Restricted Working Space, Add</i>		4.65
23 05 29 00-0992	EA 8" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163).....	51.52	4.82
	<i>For Work In Restricted Working Space, Add</i>		4.81
23 05 29 00-0993	EA 10" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163).....	55.12	4.90
	<i>For Work In Restricted Working Space, Add</i>		4.91
23 05 29 00-0994	EA 12" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163).....	68.55	4.99
	<i>For Work In Restricted Working Space, Add</i>		5.00
23 05 29 00-0995	EA 14" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163).....	81.01	5.07
	<i>For Work In Restricted Working Space, Add</i>		5.07
23 05 29 00-0996	EA 16" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163).....	93.68	5.19
	<i>For Work In Restricted Working Space, Add</i>		5.20
23 05 29 00-0997	EA 18" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163).....	99.43	5.32
	<i>For Work In Restricted Working Space, Add</i>		5.33
23 05 29 00-0998	EA 20" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163).....	105.82	5.46
	<i>For Work In Restricted Working Space, Add</i>		5.46
23 05 29 00-0999	EA 24" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163).....	112.21	5.59
	<i>For Work In Restricted Working Space, Add</i>		5.59
23 05 29 00-1000	Saddle, For 3" Insulation (Cooper B-Line B3164) (23 05 29 00-0937)		
23 05 29 00-1001	EA 2" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164).....	33.72	4.40
	<i>For Work In Restricted Working Space, Add</i>		4.39
23 05 29 00-1002	EA 2-1/2" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164).....	36.68	4.47
	<i>For Work In Restricted Working Space, Add</i>		4.49
23 05 29 00-1003	EA 3" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164).....	38.20	4.54
	<i>For Work In Restricted Working Space, Add</i>		4.55
23 05 29 00-1004	EA 4" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164).....	39.74	4.61
	<i>For Work In Restricted Working Space, Add</i>		4.62
23 05 29 00-1005	EA 6" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164).....	45.43	4.76
	<i>For Work In Restricted Working Space, Add</i>		4.75
23 05 29 00-1006	EA 8" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164).....	56.60	4.93
	<i>For Work In Restricted Working Space, Add</i>		4.94
23 05 29 00-1007	EA 10" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164).....	61.20	5.00
	<i>For Work In Restricted Working Space, Add</i>		5.00

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-1008 EA 12" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164) <i>For Work In Restricted Working Space, Add</i>	79.13 5.10	5.12
23 05 29 00-1009 EA 14" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164) <i>For Work In Restricted Working Space, Add</i>	94.16 5.20	5.19
23 05 29 00-1010 EA 16" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164) <i>For Work In Restricted Working Space, Add</i>	109.19 5.30	5.31
23 05 29 00-1011 EA 18" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164) <i>For Work In Restricted Working Space, Add</i>	111.30 5.46	5.45
23 05 29 00-1012 EA 20" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164) <i>For Work In Restricted Working Space, Add</i>	113.32 5.59	5.57
23 05 29 00-1013 EA 24" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164) <i>For Work In Restricted Working Space, Add</i>	143.34 5.72	5.72
23 05 29 00-1014 Saddle, For 4" Insulation (Cooper B-Line B3165) (23 05 29 00-0937)		
23 05 29 00-1015 EA 2" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	37.86 4.49	4.49
23 05 29 00-1016 EA 2-1/2" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	41.34 4.58	4.57
23 05 29 00-1017 EA 3" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	43.13 4.65	4.65
23 05 29 00-1018 EA 4" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	45.01 4.71	4.72
23 05 29 00-1019 EA 6" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	54.64 4.88	4.86
23 05 29 00-1020 EA 8" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	64.26 5.04	5.04
23 05 29 00-1021 EA 10" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	66.39 5.13	5.13
23 05 29 00-1022 EA 12" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	84.44 5.23	5.23
23 05 29 00-1023 EA 14" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	102.17 5.30	5.30
23 05 29 00-1024 EA 16" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	120.10 5.43	5.44
23 05 29 00-1025 EA 18" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	146.53 5.56	5.56
23 05 29 00-1026 EA 20" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	172.84 5.72	5.71
23 05 29 00-1027 EA 24" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	184.82 5.85	5.85
23 05 29 00-1028 EA 30" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	194.46 6.01	6.00
23 05 29 00-1029 EA 36" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	201.60 6.14	6.16
23 05 29 00-1030 Adjustable Pipe Saddle Support (Cooper B-Line B3096) (23 05 29 00-0909)		
23 05 29 00-1031 EA 2" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	84.88	14.51
23 05 29 00-1032 EA 3" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	90.33	16.84
23 05 29 00-1033 EA 4" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	109.53	19.16
23 05 29 00-1034 EA 5" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	114.43	20.90
23 05 29 00-1035 EA 6" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	126.99	23.23
23 05 29 00-1036 EA 8" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	145.19	29.03
23 05 29 00-1037 EA 10" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	190.10	38.90
23 05 29 00-1038 EA 12" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	238.15	58.06
23 05 29 00-1039 Pipe Stanchion Support (Cooper B-Line B3090) (23 05 29 00-0909)		
23 05 29 00-1040 EA 2-1/2" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	103.96	14.51
23 05 29 00-1041 EA 3" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	108.11	16.84
23 05 29 00-1042 EA 3-1/2" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	115.91	18.00
23 05 29 00-1043 EA 4" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	118.62	19.16
23 05 29 00-1044 EA 5" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	124.89	20.90
23 05 29 00-1045 EA 6" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	132.74	23.23
23 05 29 00-1046 EA 8" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	168.42	29.03
23 05 29 00-1047 EA 10" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	227.05	38.90
23 05 29 00-1048 EA 12" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	299.32	58.06
23 05 29 00-1049 Pipe Saddle Support (Cooper B-Line B3095) (23 05 29 00-0909)		
23 05 29 00-1050 EA 2-1/2" Pipe Saddle Support (Cooper B-Line B3095)	55.59	14.51
23 05 29 00-1051 EA 3" Pipe Saddle Support (Cooper B-Line B3095)	59.74	16.84
23 05 29 00-1052 EA 3-1/2" Pipe Saddle Support (Cooper B-Line B3095)	87.86	18.00
23 05 29 00-1053 EA 4" Pipe Saddle Support (Cooper B-Line B3095)	90.57	19.16
23 05 29 00-1054 EA 5" Pipe Saddle Support (Cooper B-Line B3095)	99.45	20.90
23 05 29 00-1055 EA 6" Pipe Saddle Support (Cooper B-Line B3095)	110.27	23.23
23 05 29 00-1056 EA 8" Pipe Saddle Support (Cooper B-Line B3095)	127.23	29.03
23 05 29 00-1057 EA 10" Pipe Saddle Support (Cooper B-Line B3095)	149.94	38.90
23 05 29 00-1058 EA 12" Pipe Saddle Support (Cooper B-Line B3095)	192.30	58.06
23 05 29 00-1059 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate (23 05 29 00-0909)		
Note: Insert is for use as isolated protective insulation at hangers.		

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

		23 05 29 00-1060	
		1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate <small>(23 05 29 00-1059)</small>	
23 05 29 00-1061	EA	1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	16.83 7.54
23 05 29 00-1062	EA	3/4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	17.12 7.54
23 05 29 00-1063	EA	1" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	17.19 7.54
23 05 29 00-1064	EA	1-1/4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	17.47 7.54
23 05 29 00-1065	EA	1-1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	18.69 8.00
23 05 29 00-1066	EA	2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	19.50 8.24
23 05 29 00-1067	EA	2-1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	20.45 8.58
23 05 29 00-1068	EA	3" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	21.49 8.93
23 05 29 00-1069	EA	4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	23.27 9.27
23 05 29 00-1070	EA	6" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	24.32 8.00
23 05 29 00-1071	EA	8" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	37.09 10.44
23 05 29 00-1072	EA	10" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	43.84 12.29
23 05 29 00-1073	EA	12" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	50.04 14.27
23 05 29 00-1074	EA	14" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	56.05 14.73
		23 05 29 00-1075	
		1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate <small>(23 05 29 00-1059)</small>	
23 05 29 00-1076	EA	1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	14.32 5.68
23 05 29 00-1077	EA	3/4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	15.72 5.68
23 05 29 00-1078	EA	1" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	16.06 5.80
23 05 29 00-1079	EA	1-1/4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	16.58 5.91
23 05 29 00-1080	EA	1-1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	17.08 5.91
23 05 29 00-1081	EA	2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	17.93 6.14
23 05 29 00-1082	EA	2-1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	18.95 6.37
23 05 29 00-1083	EA	3" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	19.48 6.49
23 05 29 00-1084	EA	4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	21.40 7.08
23 05 29 00-1085	EA	6" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	32.23 12.17
23 05 29 00-1086	EA	8" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	28.79 9.16
23 05 29 00-1087	EA	10" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	34.82 10.78
23 05 29 00-1088	EA	12" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	39.58 12.40
23 05 29 00-1089	EA	14" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	46.78 14.96
		23 05 29 00-1090	
		2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate <small>(23 05 29 00-1059)</small>	
23 05 29 00-1091	EA	1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	19.63 6.49
23 05 29 00-1092	EA	3/4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	19.86 6.49
23 05 29 00-1093	EA	1" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	20.50 6.61
23 05 29 00-1094	EA	1-1/4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	21.08 6.73
23 05 29 00-1095	EA	1-1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	21.67 6.84
23 05 29 00-1096	EA	2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	22.50 7.08
23 05 29 00-1097	EA	2-1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	23.68 7.31
23 05 29 00-1098	EA	3" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	24.78 7.54
23 05 29 00-1099	EA	4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	27.21 8.00
23 05 29 00-1100	EA	6" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	31.11 9.04
23 05 29 00-1101	EA	8" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	48.64 15.43
23 05 29 00-1102	EA	10" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	53.40 17.86
23 05 29 00-1103	EA	12" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	61.71 21.10
23 05 29 00-1104	EA	14" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	69.21 23.65
23 05 29 00-1105	EA	16" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	77.34 26.67
23 05 29 00-1106	EA	18" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	88.78 31.31
23 05 29 00-1107	EA	20" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	98.58 34.79
23 05 29 00-1108	EA	24" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	111.40 39.43
		23 05 29 00-1109	
		2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate <small>(23 05 29 00-1059)</small>	
23 05 29 00-1110	EA	1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	22.49 7.54
23 05 29 00-1111	EA	3/4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	22.75 7.54
23 05 29 00-1112	EA	1" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	23.54 7.65
23 05 29 00-1113	EA	1-1/4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	24.13 7.77
23 05 29 00-1114	EA	1-1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	24.72 7.77
23 05 29 00-1115	EA	2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	25.74 8.12
23 05 29 00-1116	EA	2-1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	27.08 8.35
23 05 29 00-1117	EA	3" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	28.34 8.70
23 05 29 00-1118	EA	4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	31.08 9.16
23 05 29 00-1119	EA	6" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	35.58 10.44
23 05 29 00-1120	EA	8" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	46.18 11.60
23 05 29 00-1121	EA	10" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	54.88 13.33
23 05 29 00-1122	EA	12" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	63.20 16.58
23 05 29 00-1123	EA	14" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	71.09 18.20
23 05 29 00-1124	EA	16" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	84.73 23.19
23 05 29 00-1125	EA	18" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	90.78 24.36
23 05 29 00-1126	EA	20" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	103.14 27.83
23 05 29 00-1127	EA	24" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	121.83 33.63
		23 05 29 00-1128	
		3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate <small>(23 05 29 00-1059)</small>	
23 05 29 00-1129	EA	1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	47.97 7.77

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-1130 EA 3/4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	57.05	8.12
23 05 29 00-1131 EA 1" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	59.30	8.12
23 05 29 00-1132 EA 1-1/4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	60.74	8.35
23 05 29 00-1133 EA 1-1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	62.42	8.58
23 05 29 00-1134 EA 2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	64.33	8.70
23 05 29 00-1135 EA 2-1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	67.72	8.93
23 05 29 00-1136 EA 3" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	70.70	9.50
23 05 29 00-1137 EA 4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	77.91	9.86
23 05 29 00-1138 EA 6" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	89.14	12.06
23 05 29 00-1139 EA 8" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	115.25	13.22
23 05 29 00-1140 EA 10" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	137.08	13.92
23 05 29 00-1141 EA 12" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	157.38	17.97
23 05 29 00-1142 EA 14" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	177.17	19.13
23 05 29 00-1143 EA 16" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	212.22	25.51
23 05 29 00-1144 EA 18" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	228.45	27.83
23 05 29 00-1145 EA 20" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	258.71	30.15
23 05 29 00-1146 EA 24" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	303.95	37.10
23 05 29 00-1147 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate <small>(23 05 29 00-1059)</small>		
23 05 29 00-1148 EA 1/2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	22.49	7.54
23 05 29 00-1149 EA 3/4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	27.17	9.16
23 05 29 00-1150 EA 1" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	28.29	9.16
23 05 29 00-1151 EA 1-1/4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	28.93	9.27
23 05 29 00-1152 EA 1-1/2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	29.76	9.39
23 05 29 00-1153 EA 2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	30.83	9.74
23 05 29 00-1154 EA 2-1/2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	32.47	10.09
23 05 29 00-1155 EA 3" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	33.88	10.44
23 05 29 00-1156 EA 4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	37.33	11.02
23 05 29 00-1157 EA 6" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	42.68	12.53
23 05 29 00-1158 EA 8" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	55.39	13.92
23 05 29 00-1159 EA 10" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	65.86	16.00
23 05 29 00-1160 EA 12" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	75.84	19.95
23 05 29 00-1161 EA 14" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	85.33	21.80
23 05 29 00-1162 EA 16" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	101.70	27.83
23 05 29 00-1163 EA 18" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	108.93	29.22
23 05 29 00-1164 EA 20" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	123.84	33.40
23 05 29 00-1165 EA 24" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	146.21	40.36
23 05 29 00-1166 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate <small>(23 05 29 00-1059)</small>		
23 05 29 00-1167 EA 1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	30.32	10.20
23 05 29 00-1168 EA 3/4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	30.67	10.20
23 05 29 00-1169 EA 1" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	31.76	10.32
23 05 29 00-1170 EA 1-1/4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	32.62	10.44
23 05 29 00-1171 EA 1-1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	33.26	10.44
23 05 29 00-1172 EA 2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	35.12	11.14
23 05 29 00-1173 EA 2-1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	36.51	11.25
23 05 29 00-1174 EA 3" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	38.25	11.71
23 05 29 00-1175 EA 4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	41.96	12.40
23 05 29 00-1176 EA 6" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	48.00	14.04
23 05 29 00-1177 EA 8" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	61.44	15.19
23 05 29 00-1178 EA 10" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	74.11	18.09
23 05 29 00-1179 EA 12" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	85.34	22.49
23 05 29 00-1180 EA 14" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	96.02	24.47
23 05 29 00-1181 EA 16" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	114.47	31.31
23 05 29 00-1182 EA 18" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	122.50	32.81
23 05 29 00-1183 EA 20" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	137.81	37.57
23 05 29 00-1184 EA 24" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	164.51	45.46
23 05 29 00-1185 EA 26" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	188.06	53.46
23 05 29 00-1186 EA 28" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	214.57	63.08
23 05 29 00-1187 EA 30" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	243.58	74.56
23 05 29 00-1188 EA 42" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	350.61	115.15
23 05 29 00-1189 EA 44" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	378.31	126.75
23 05 29 00-1190 EA 46" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	403.54	136.83
23 05 29 00-1191 Equipment Housekeeping Pads <small>(23 05 29)</small>		
See CSI section 03 31 13 00-0002 for Concrete Equipment Pads.		
23 05 29 00-1192 Molded Plastic Condenser Pad <small>(23 05 29 00-1191)</small>		
23 05 29 00-1193 EA 30" Round Molded Plastic Pad.....	142.45	14.51
23 05 29 00-1194 EA 30" Octagon Molded Plastic Pad.....	149.91	14.51
23 05 29 00-1195 EA 30" x 30" Molded Plastic Pad.....	142.45	14.51
23 05 29 00-1196 EA 36" x 36" Molded Plastic Pad.....	187.15	14.51
23 05 29 00-1197 EA 36" x 48" Molded Plastic Pad.....	270.79	14.51
23 05 29 00-1198 Inertia Base <small>(23 05 29 00-1191)</small>		
Note: Includes spring isolators.		
23 05 29 00-1199 EA Up To 12 SF Inertia Base, 8" Thick With Spring Base.....	3,402.27	
23 05 29 00-1200 EA >12 To 16 SF Inertia Base, 8" Thick With Spring Base.....	4,115.52	
23 05 29 00-1201 EA >16 To 20 SF Inertia Base, 8" Thick With Spring Base.....	4,714.35	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-1202	EA		>20 To 24 SF Inertia Base, 8" Thick With Spring Base.....	5,389.47	
23 05 29 00-1203			Hanger Assemblies (23 05 29) Note: Includes hanger, rod, nuts, washers, clamps, upper attachment, etc. Not for use where detail is available.		
23 05 29 00-1204	EA		1/2" Standard Duty Clevis Pipe Hanger Assembly.....	50.04	18.05
			Note: Includes hanger, rod, nuts, washers and clamp.		
			For Work In Restricted Working Space, Add	11.62	
23 05 29 00-1205	EA		3/4" Standard Duty Clevis Pipe Hanger Assembly.....	52.18	19.12
			Note: Includes hanger, rod, nuts, washers and clamp.		
			For Work In Restricted Working Space, Add	12.26	
23 05 29 00-1206	EA		1" Standard Duty Clevis Pipe Hanger Assembly.....	53.91	20.26
			Note: Includes hanger, rod, nuts, washers and clamp.		
			For Work In Restricted Working Space, Add	12.76	
23 05 29 00-1207	EA		1-1/4" Standard Duty Clevis Pipe Hanger Assembly.....	54.79	20.29
			Note: Includes hanger, rod, nuts, washers and clamp.		
			For Work In Restricted Working Space, Add	12.95	
23 05 29 00-1208	EA		1-1/2" Standard Duty Clevis Pipe Hanger Assembly.....	55.01	20.29
			Note: Includes hanger, rod, nuts, washers and clamp.		
			For Work In Restricted Working Space, Add	12.95	
23 05 29 00-1209	EA		2" Standard Duty Clevis Pipe Hanger Assembly.....	56.08	20.45
			Note: Includes hanger, rod, nuts, washers and clamp.		
			For Work In Restricted Working Space, Add	13.14	
23 05 29 00-1210	EA		2-1/2" Standard Duty Clevis Pipe Hanger Assembly.....	63.18	21.00
			Note: Includes hanger, rod, nuts, washers and clamp.		
			For Work In Restricted Working Space, Add	12.84	
23 05 29 00-1211	EA		3" Standard Duty Clevis Pipe Hanger Assembly.....	64.93	21.61
			Note: Includes hanger, rod, nuts, washers and clamp.		
			For Work In Restricted Working Space, Add	13.04	
23 05 29 00-1212	EA		4" Standard Duty Clevis Pipe Hanger Assembly.....	78.23	24.39
			Note: Includes hanger, rod, nuts, washers and clamp.		
			For Work In Restricted Working Space, Add	14.39	
23 05 29 00-1213	EA		6" Standard Duty Clevis Pipe Hanger Assembly.....	115.81	31.52
			Note: Includes hanger, rod, nuts, washers and clamp.		
			For Work In Restricted Working Space, Add	18.91	
23 05 29 00-1214	EA		8" Standard Duty Clevis Pipe Hanger Assembly.....	133.10	36.56
			Note: Includes hanger, rod, nuts, washers and clamp.		
			For Work In Restricted Working Space, Add	21.94	
23 05 29 00-1215	EA		10" Standard Duty Clevis Pipe Hanger Assembly.....	183.86	46.45
			Note: Includes hanger, rod, nuts, washers and clamp.		
			For Work In Restricted Working Space, Add	27.52	
23 05 29 00-1216	EA		12" Standard Duty Clevis Pipe Hanger Assembly.....	200.68	49.98
			Note: Includes hanger, rod, nuts, washers and clamp.		
			For Work In Restricted Working Space, Add	30.05	
23 05 29 00-1217			Steel Shapes For Hanger Devices (23 05 29)		
23 05 29 00-1218			Angle Iron For Hanger Devices (23 05 29 00-1217)		
23 05 29 00-1219	LF		1/2" x 1/2" x 1/8" Angle Iron For Hanger Devices.....	2.82	1.69
23 05 29 00-1220	LF		3/4" x 3/4" x 1/8" Angle Iron For Hanger Devices.....	3.70	2.11
23 05 29 00-1221	LF		1" x 1" x 1/8" Angle Iron For Hanger Devices.....	4.58	2.52
23 05 29 00-1222	LF		1-1/4" x 1-1/4" x 3/16" Angle Iron For Hanger Devices.....	6.43	3.14
23 05 29 00-1223	LF		1-1/2" x 1-1/2" x 3/16" Angle Iron For Hanger Devices.....	7.22	3.37
23 05 29 00-1224	LF		2" x 2" x 1/4" Angle Iron For Hanger Devices.....	9.88	3.79
23 05 29 00-1225	LF		2-1/2" x 2-1/2" x 1/4" Angle Iron For Hanger Devices.....	12.34	4.61
23 05 29 00-1226	LF		3" x 2" x 3/8" Angle Iron For Hanger Devices.....	16.14	5.41
23 05 29 00-1227	LF		3" x 3" x 3/8" Angle Iron For Hanger Devices.....	19.31	6.32
23 05 29 00-1228			Channels For Hanger Devices (23 05 29 00-1217)		
23 05 29 00-1229	LF		C2 x 1.78, 2" Wide Channels For Hanger Devices.....	8.10	4.08
23 05 29 00-1230	LF		C3 x 4.1, 3" Wide Channels For Hanger Devices.....	14.03	5.86
23 05 29 00-1231	LF		C4 x 5.4, 4" Wide Channels For Hanger Devices.....	17.57	7.04
23 05 29 00-1232	LF		C5 x 6.7, 5" Wide Channels For Hanger Devices.....	21.10	8.20
23 05 29 00-1233	LF		C6 x 8.2, 6" Wide Channels For Hanger Devices.....	25.56	9.86
23 05 29 00-1234	LF		C7 x 9.8, 7" Wide Channels For Hanger Devices.....	30.50	11.73
23 05 29 00-1235	LF		C8 x 11.5, 8" Wide Channels For Hanger Devices.....	34.63	12.91
23 05 29 00-1236			Structural Bar Tees For Hanger Devices (23 05 29 00-1217)		
23 05 29 00-1237	LF		3/4" x 3/4" x 1/8" Structural Bar Tee For Hanger Devices.....	8.79	5.74
23 05 29 00-1238	LF		1" x 1" x 1/8" Structural Bar Tee For Hanger Devices.....	10.58	6.78
23 05 29 00-1239	LF		1-1/2" x 1-1/2" x 1/4" Structural Bar Tee For Hanger Devices.....	15.43	7.82
23 05 29 00-1240	LF		2" x 2" x 1/4" Structural Bar Tee For Hanger Devices.....	19.89	10.43
23 05 29 00-1241	LF		2-1/2" x 2-1/2" x 3/8" Structural Bar Tee For Hanger Devices.....	27.52	12.52
23 05 29 00-1242	LF		3" x 3" x 3/8" Structural Bar Tee For Hanger Devices.....	34.47	16.17
23 05 29 00-1243			Structural Zees For Hanger Devices (23 05 29 00-1217)		
23 05 29 00-1244	LF		1-1/4" x 1-3/4" x 1-3/4" Structural Zee For Hanger Devices.....	15.46	7.82
23 05 29 00-1245	LF		2-11/16" x 3" x 2-11/16" Structural Zee For Hanger Devices.....	18.85	7.82
23 05 29 00-1246	LF		3-1/16" x 4" x 3-1/16" Structural Zee For Hanger Devices.....	27.79	7.82
23 05 29 00-1247	LF		3-1/4" x 5" x 3-1/4" Structural Zee For Hanger Devices.....	35.34	7.82
23 05 29 00-1248	LF		3-1/2" x 6" x 3-1/2" Structural Zee For Hanger Devices.....	43.34	7.82

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-1249 Junior I-beams For Hanger Devices (23 05 29 00-1217)		
23 05 29 00-1250 LF 3" I-beam (Junior) For Hanger Devices	19.00	11.47
23 05 29 00-1251 LF 4" I-beam (Junior) For Hanger Devices	21.94	12.52
23 05 29 00-1252 LF 5" I-beam (Junior) For Hanger Devices	25.46	13.56
23 05 29 00-1253 LF 6" I-beam (Junior) For Hanger Devices	27.86	15.12
23 05 29 00-1254 LF 7" I-beam (Junior) For Hanger Devices	33.40	16.17
23 05 29 00-1255 LF 8" I-beam (Junior) For Hanger Devices	36.19	17.21
23 05 33 Heat Tracing for HVAC Piping (23 05)		
See CSI section 23 83 13 00-0000 for heat tracing cables.		
23 05 48 Vibration and Seismic Controls for HVAC (23 05)		
23 05 48 13 Vibration Controls for HVAC (23 05 48)		
23 05 48 13-0001 Unhoused Stable Steel Spring Isolators (23 05 48 13)		
Note: Includes leveling adjustment, cast top, base plate and pad. For use with floor mounted equipment only.		
23 05 48 13-0002 EA 60 LB Unhoused Steel Spring Isolator	104.83	32.50
23 05 48 13-0003 EA 115 LB Unhoused Steel Spring Isolator	111.29	32.50
23 05 48 13-0004 EA 1,130 LB Unhoused Steel Spring Isolator	132.72	32.50
23 05 48 13-0005 Housed Stable Steel Spring Isolators (23 05 48 13)		
Note: Includes leveling adjustment, top plate, base plate and pad. For use with floor mounted equipment only. Mason Industries, Inc.		
23 05 48 13-0006 EA To 770 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection	634.71	32.50
23 05 48 13-0007 EA To 1,040 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection	722.44	32.50
23 05 48 13-0008 EA To 1,600 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection	766.30	32.50
23 05 48 13-0009 EA To 2,250 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection	941.76	32.50
23 05 48 13-0010 EA To 3,250 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection	985.62	32.50
23 05 48 13-0011 EA To 730 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	711.47	32.50
23 05 48 13-0012 EA To 930 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	788.24	32.50
23 05 48 13-0013 EA To 1,440 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	843.07	32.50
23 05 48 13-0014 EA To 1,860 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	1,095.28	32.50
23 05 48 13-0015 EA To 2,880 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	1,193.98	32.50
23 05 48 13-0016 EA To 3,720 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	1,424.26	32.50
23 05 48 13-0017 Vibration Isolators (23 05 48 13)		
23 05 48 13-0018 Spring And Rubber Hanger For 1" Deflection (23 05 48 13-0017)		
23 05 48 13-0019 EA 50 To 500 LB Rated Spring And Rubber Hanger For Vibration Isolation With 3/4" Max Rod Size	136.63	20.90
23 05 48 13-0020 EA 600 To 1,000 LB Rated Spring And Rubber Hanger For Vibration Isolation With 7/8" Max Rod Size	285.55	23.23
23 05 48 13-0021 Rubber-In-Shear Isolator Hanger (23 05 48 13-0017)		
23 05 48 13-0022 EA 45-340 LB Rubber In Shear Hanger 0.38" Deflection With <1/2" Rod Size	76.45	17.42
23 05 48 13-0023 EA 130-700 LB Rubber In Shear Hanger 0.43" Deflection With <3/4" Rod Size	98.95	20.90
23 05 48 13-0024 Spring Hanger For 1" Deflection (23 05 48 13-0017)		
23 05 48 13-0025 EA 50 To 1,000 LB Rubber In Shear Hanger For 1" Deflection With <3/4" Rod Size	86.82	20.90
23 05 48 13-0026 Rubber-In-Shear Vibration Isolator (23 05 48 13-0017)		
23 05 48 13-0027 EA 45 To 340 LB Rubber In Shear Vibration Isolation With 0.38" Deflection	159.79	39.49
23 05 48 13-0028 EA 130 To 700 LB Rubber In Shear Vibration Isolation With 0.43" Deflection	216.97	39.49
23 05 48 13-0029 EA 550 To 1,920 LB Rubber In Shear Vibration Isolation With 0.48" Deflection	413.18	39.49
23 05 48 13-0030 Two-Piece Spring Type Vibration Isolator (23 05 48 13-0017)		
Note: For equipment support aluminum construction 1/2" adjusting and leveling bolt 1" deflection.		
23 05 48 13-0031 EA 50 To 1,000 LB Rated Load 2-Piece Isolator Spring Type Vibration Isolator	135.70	39.49
23 05 48 13-0032 EA >1,000 To 1,600 LB Rated Load 2-Piece Isolator Spring Type Vibration Isolator	139.96	39.49
23 05 48 13-0033 Open Double Spring Type Vibration Isolator (23 05 48 13-0017)		
Note: For equipment support 1" deflection neoprene pad and 5/8" stud bolt.		
23 05 48 13-0034 EA 150 To 450 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	104.62	19.74
23 05 48 13-0035 EA 500 To 1,000 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	104.62	19.74
23 05 48 13-0036 EA 1,100 To 1,600 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	118.83	19.74
23 05 48 13-0037 EA 1,700 To 2,400 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	118.83	19.74
23 05 48 13-0038 EA 2,500 To 3,400 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	183.06	19.74
23 05 48 13-0039 Isolation Pads (23 05 48 13-0017)		
23 05 48 13-0040 Laminated Neoprene And Cork Isolation Pad (23 05 48 13-0039)		
23 05 48 13-0041 EA 2" x 2", 1" Thick Laminated Neoprene And Cork Isolation Pad	7.20	2.90
23 05 48 13-0042 EA 3" x 3", 1" Thick Laminated Neoprene And Cork Isolation Pad	9.38	3.02
23 05 48 13-0043 EA 4" x 4", 1" Thick Laminated Neoprene And Cork Isolation Pad	11.92	3.13
23 05 48 13-0044 EA 12" x 12", 1" Thick Laminated Neoprene And Cork Isolation Pad	49.30	3.60
23 05 48 13-0045 EA 18" x 18", 1" Thick Laminated Neoprene And Cork Isolation Pad	95.09	4.06

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 48 Vibration and Seismic Controls for HVAC**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 48 13-0046	Neoprene And Steel Plate Isolation Pad (23 05 48 13-0039)			
23 05 48 13-0047	EA	6" x 4", 5/8" Thick Steel Plate And Ribbed Neoprene Isolation Pad	167.65	2.90
23 05 48 13-0048	EA	6" x 4", 7/8" Thick Steel Plate And Ribbed Neoprene Isolation Pad	185.58	2.90
23 05 48 13-0049	Neoprene Isolation Pad (23 05 48 13-0039)			
23 05 48 13-0050	EA	2" x 2", 3/8" Thick Ribbed Neoprene Isolation Pad	6.67	2.90
23 05 48 13-0051	EA	3" x 3", 3/8" Thick Ribbed Neoprene Isolation Pad	7.66	2.90
23 05 48 13-0052	EA	4" x 4", 3/8" Thick Ribbed Neoprene Isolation Pad	9.29	2.90
23 05 48 13-0053	EA	12" x 12", 3/8" Thick Ribbed Neoprene Isolation Pad	48.49	3.49
23 05 48 13-0054	EA	18" x 18", 3/8" Thick Ribbed Neoprene Isolation Pad	89.30	4.06
23 05 48 13-0055	Ribbed Neoprene Isolation Pad (23 05 48 13-0039)			
23 05 48 13-0056	EA	2" x 2", 3/8" Thick Ribbed Neoprene Isolation Pad	6.53	2.90
23 05 48 13-0057	EA	3" x 3", 3/8" Thick Ribbed Neoprene Isolation Pad	7.40	3.02
23 05 48 13-0058	EA	4" x 4", 3/8" Thick Ribbed Neoprene Isolation Pad	8.83	3.13
23 05 48 13-0059	EA	6" x 6", 3/8" Thick Ribbed Neoprene Isolation Pad	12.18	3.36
23 05 48 13-0060	EA	9" x 9", 3/8" Thick Ribbed Neoprene Isolation Pad	21.46	3.60
23 05 48 13-0061	EA	18" x 18", 3/8" Thick Ribbed Neoprene Isolation Pad	40.04	4.06
23 05 48 13-0062	Cork And Ribbed Neoprene Isolation Pad (23 05 48 13-0039)			
23 05 48 13-0063	EA	2" x 2", 7/8" Thick Cork And Ribbed Neoprene Isolation Pad	6.84	2.90
23 05 48 13-0064	EA	3" x 3", 7/8" Thick Cork And Ribbed Neoprene Isolation Pad	8.86	3.02
23 05 48 13-0065	EA	4" x 4", 7/8" Thick Cork And Ribbed Neoprene Isolation Pad	11.13	3.13
23 05 48 13-0066	EA	6" x 6", 7/8" Thick Cork And Ribbed Neoprene Isolation Pad	15.63	3.36
23 05 48 13-0067	EA	9" x 9", 7/8" Thick Cork And Ribbed Neoprene Isolation Pad	28.88	3.60
23 05 48 13-0068	EA	18" x 18", 7/8" Thick Cork And Ribbed Neoprene Isolation Pad	62.19	4.06
23 05 48 13-0069	Cork, Ribbed Neoprene And Steel Isolation Pad (23 05 48 13-0039)			
23 05 48 13-0070	EA	2" x 2", 1-1/8" Thick Cork, Ribbed Neoprene And Steel Isolation Pad	73.58	2.90
23 05 48 13-0071	EA	3" x 3", 1-1/8" Thick Cork, Ribbed Neoprene And Steel Isolation Pad	92.58	3.02
23 05 48 13-0072	EA	4" x 4", 1-1/8" Thick Cork, Ribbed Neoprene And Steel Isolation Pad	123.11	3.13
23 05 48 13-0073	EA	5" x 5", 1-1/8" Thick Cork, Ribbed Neoprene And Steel Isolation Pad	157.71	3.36
23 05 48 13-0074	EA	6" x 6", 1-1/8" Thick Cork, Ribbed Neoprene And Steel Isolation Pad	193.50	3.60
23 05 48 13-0075	EA	8" x 8", 1-1/8" Thick Cork, Ribbed Neoprene And Steel Isolation Pad	235.21	4.06
23 05 48 13-0076	Rubber Cube Isolation Pad (23 05 48 13-0039)			
23 05 48 13-0077	EA	2" x 2", 3/4" Thick Rubber Cube Isolation Pad	6.95	2.90
23 05 48 13-0078	EA	4" x 4", 3/4" Thick Rubber Cube Isolation Pad	11.23	3.13
23 05 48 13-0079	EA	18" x 18", 3/4" Thick Rubber Cube Isolation Pad	73.89	4.06
23 05 48 13-0080	Threaded Flexible Bronze Hose Connectors (23 05 48 13)			
Note: Includes hex threaded nipple ends.				
23 05 48 13-0081	EA	3/8" Diameter x 9" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	74.15	18.57
23 05 48 13-0082	EA	1/2" Diameter x 10" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	87.17	25.54
23 05 48 13-0083	EA	3/4" Diameter x 11" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	106.97	31.36
23 05 48 13-0084	EA	1" Diameter x 12" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	124.55	37.16
23 05 48 13-0085	EA	1-1/4" Diameter x 12" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	142.88	48.77
23 05 48 13-0086	EA	1-1/2" Diameter x 14" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	160.98	51.90
23 05 48 13-0087	EA	2" Diameter x 14" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	215.26	61.54
23 05 48 13-0088	EA	2-1/2" Diameter x 16" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	296.51	95.91
23 05 48 13-0089	Weld End Flexible Hose Connectors (23 05 48 13)			
23 05 48 13-0090	EA	1/2" Diameter x 10" Flexible Hose Connection, Weld Ends	262.24	66.65
23 05 48 13-0091	EA	3/4" Diameter x 10" Flexible Hose Connection, Weld Ends	306.70	73.16
23 05 48 13-0092	EA	1" Diameter x 10" Flexible Hose Connection, Weld Ends	346.21	77.45
23 05 48 13-0093	EA	1-1/4" Diameter x 11" Flexible Hose Connection, Weld Ends	387.00	88.25
23 05 48 13-0094	EA	1-1/2" Diameter x 12" Flexible Hose Connection, Weld Ends	439.32	95.22
23 05 48 13-0095	EA	2" Diameter x 14" Flexible Hose Connection, Weld Ends	551.22	123.89
23 05 48 13-0096	EA	2-1/2" Diameter x 16" Flexible Hose Connection, Weld Ends	831.49	139.35
23 05 48 13-0097	EA	3" Diameter x 16" Flexible Hose Connection, Weld Ends	1,028.01	156.76
23 05 48 13-0098	EA	4" Diameter x 18" Flexible Hose Connection, Weld Ends	1,421.19	232.24
23 05 48 13-0099	Flanged Flexible Hose Connectors (23 05 48 13)			
23 05 48 13-0100	Flanged Flexible Molded Rubber Hose Connectors (23 05 48 13-0099)			
Note: With helical wire reinforcement 150 PSI.				
23 05 48 13-0101	EA	1-1/2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	225.06	87.09

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 05 48 13-0102 EA	2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	243.65	96.73
23 05 48 13-0103 EA	2-1/2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	398.46	193.23
23 05 48 13-0104 EA	3" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	553.15	287.40
23 05 48 13-0105 EA	4" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	720.38	371.00
23 05 48 13-0106 EA	6" Diameter x 18" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	910.75	385.82
23 05 48 13-0107 EA	8" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	1,105.52	440.66
23 05 48 13-0108 EA	10" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	1,429.06	524.41
23 05 48 13-0109 EA	12" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	3,494.68	655.88

23 05 48 13-0110 Flanged Flexible Corrugated Stainless Steel Hose Connectors (23 05 48 13-0099)

Note: With braided metal wire.

23 05 48 13-0111 EA	1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	175.89	79.19
23 05 48 13-0112 EA	1" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	172.67	108.92
23 05 48 13-0113 EA	1-1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	328.07	145.15
23 05 48 13-0114 EA	2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	427.47	217.72
23 05 48 13-0115 EA	2-1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	460.05	239.55
23 05 48 13-0116 EA	3" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	535.25	290.07
23 05 48 13-0117 EA	4" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	685.33	371.35
23 05 48 13-0118 EA	6" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	942.78	462.05
23 05 48 13-0119 EA	8" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,531.92	617.30
23 05 48 13-0120 EA	10" Diameter x 13" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,802.28	713.81
23 05 48 13-0121 EA	12" Diameter x 14" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	2,310.64	771.64

23 05 48 13-0122 Flanged Flexible Molded Teflon Hose Connectors (23 05 48 13-0099)

Note: 150 PSI.

23 05 48 13-0123 EA	2-1/2" Diameter x 3-3/16" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	968.16	168.38
23 05 48 13-0124 EA	3" Diameter x 3-5/8" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	1,086.32	197.41
23 05 48 13-0125 EA	4" Diameter x 3-5/8" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	1,648.08	331.77
23 05 48 13-0126 EA	6" Diameter x 4" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	2,002.98	385.82
23 05 48 13-0127 EA	8" Diameter x 6" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	2,629.36	473.27

23 05 48 13-0128 Flexible Hose Connectors Braided Metal Hose Type (23 05 48 13)

23 05 48 13-0129 Braided Metal Hose Type Flexible Bronze Hose Connectors (23 05 48 13-0128)

Note: MPT connection.

23 05 48 13-0130 EA	1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	38.15	2.33
23 05 48 13-0131 EA	1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	45.57	2.33
23 05 48 13-0132 EA	1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	50.75	3.02
23 05 48 13-0133 EA	1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	61.67	3.02
23 05 48 13-0134 EA	3/4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	51.07	2.79
23 05 48 13-0135 EA	3/4" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	61.65	2.79
23 05 48 13-0136 EA	3/4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	70.58	3.59
23 05 48 13-0137 EA	3/4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	87.05	3.59
23 05 48 13-0138 EA	1" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	69.63	3.25
23 05 48 13-0139 EA	1" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	76.12	3.25
23 05 48 13-0140 EA	1" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	90.50	4.30
23 05 48 13-0141 EA	1" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	114.60	4.30
23 05 48 13-0142 EA	1" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	138.52	4.30
23 05 48 13-0143 EA	1" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	162.52	4.30
23 05 48 13-0144 EA	1-1/4" Or 1-1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	99.16	4.17
23 05 48 13-0145 EA	1-1/4" Or 1-1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	109.27	4.17
23 05 48 13-0146 EA	1-1/4" Or 1-1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	140.11	4.17
23 05 48 13-0147 EA	1-1/4" Or 1-1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	194.78	5.56
23 05 48 13-0148 EA	1-1/4" Or 1-1/2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	225.85	5.56
23 05 48 13-0149 EA	1-1/4" Or 1-1/2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	267.19	5.56
23 05 48 13-0150 EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	135.69	5.03
23 05 48 13-0151 EA	2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	156.83	5.03
23 05 48 13-0152 EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	197.78	5.03
23 05 48 13-0153 EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	263.78	6.73
23 05 48 13-0154 EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	326.18	6.73
23 05 48 13-0155 EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	388.53	6.73
23 05 48 13-0156 EA	2-1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	188.34	6.31
23 05 48 13-0157 EA	2-1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	214.38	5.98
23 05 48 13-0158 EA	2-1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	240.68	5.98
23 05 48 13-0159 EA	2-1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	296.84	8.02
23 05 48 13-0160 EA	2-1/2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	349.74	8.02
23 05 48 13-0161 EA	2-1/2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	400.98	8.02
23 05 48 13-0162 EA	3" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	296.87	8.02
23 05 48 13-0163 EA	3" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	332.00	8.02
23 05 48 13-0164 EA	3" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	1,338.81	8.02
23 05 48 13-0165 EA	3" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	1,610.90	10.69
23 05 48 13-0166 EA	3" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	514.02	10.69
23 05 48 13-0167 EA	3" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	583.15	10.69
23 05 48 13-0168 EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	542.03	9.00
23 05 48 13-0169 EA	4" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	583.09	9.00
23 05 48 13-0170 EA	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	624.14	9.00
23 05 48 13-0171 EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	713.56	11.99
23 05 48 13-0172 EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	795.35	11.99
23 05 48 13-0173 EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	878.89	11.99

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 48 Vibration and Seismic Controls for HVAC**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 48 13-0174		Braided Stainless Steel Flexible Hose Connectors <small>(23 05 48 13-0128)</small>	
Note: Over braided carbon steel connection.			
23 05 48 13-0175	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	161.59 5.09
23 05 48 13-0176	EA	2" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	195.18 5.09
23 05 48 13-0177	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	228.13 5.09
23 05 48 13-0178	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	298.61 6.82
23 05 48 13-0179	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	365.41 6.82
23 05 48 13-0180	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	432.14 6.82
23 05 48 13-0181	EA	2-1/2" Or 3" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	183.20 5.98
23 05 48 13-0182	EA	2-1/2" Or 3" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	218.31 5.98
23 05 48 13-0183	EA	2-1/2" Or 3" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	253.57 5.98
23 05 48 13-0184	EA	2-1/2" Or 3" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	328.52 8.02
23 05 48 13-0185	EA	2-1/2" Or 3" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	398.75 8.02
23 05 48 13-0186	EA	2-1/2" Or 3" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	468.02 8.02
23 05 48 13-0187	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	194.51 8.02
23 05 48 13-0188	EA	4" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	234.73 8.23
23 05 48 13-0189	LF	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	275.52 8.02
23 05 48 13-0190	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	364.90 10.69
23 05 48 13-0191	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	446.03 10.69
23 05 48 13-0192	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	529.47 10.69
23 05 48 13-0193	EA	6" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	392.18 15.60
23 05 48 13-0194	EA	6" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	578.16 15.71
23 05 48 13-0195	EA	6" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	775.34 20.70
23 05 48 13-0196	EA	6" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	961.40 20.70
23 05 48 13-0197	EA	6" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,147.40 20.70
23 05 48 13-0198	EA	8" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	677.94 18.27
23 05 48 13-0199	EA	8" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	818.65 18.27
23 05 48 13-0200	EA	8" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,109.89 23.74
23 05 48 13-0201	EA	8" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,389.02 23.74
23 05 48 13-0202	EA	8" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,668.08 23.74
23 05 48 13-0203	EA	10" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	726.20 22.84
23 05 48 13-0204	EA	10" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,077.98 22.84
23 05 48 13-0205	EA	10" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,443.87 29.74
23 05 48 13-0206	EA	10" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,796.88 29.74
23 05 48 13-0207	EA	10" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,148.41 29.74
23 05 48 13-0208	EA	12" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,440.87 27.61
23 05 48 13-0209	EA	12" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,879.89 27.61
23 05 48 13-0210	EA	12" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,351.83 37.15
23 05 48 13-0211	EA	12" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,794.70 37.15
23 05 48 13-0212	EA	12" Diameter x 72" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	3,239.65 37.15
23 05 48 13-0213		Braided Metal Hose Type Flexible Bronze Hose Connectors <small>(23 05 48 13-0128)</small>	
Note: Flanged end connection (carbon steel ends).			
23 05 48 13-0214	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	594.15 5.03
23 05 48 13-0215	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,013.02 142.48

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0216	EA		2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,265.39	142.48
23 05 48 13-0217	EA		2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,517.76	142.48
23 05 48 13-0218	EA		2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,770.24	142.48
23 05 48 13-0219	EA		2-1/2" Or 3" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	888.17	181.71
23 05 48 13-0220	EA		2-1/2" Or 3" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,154.11	181.71
23 05 48 13-0221	EA		2-1/2" Or 3" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,420.16	181.71
23 05 48 13-0222	EA		2-1/2" Or 3" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,686.30	181.71
23 05 48 13-0223	EA		2-1/2" Or 3" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,947.79	181.71
23 05 48 13-0224	EA		4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,195.72	304.62
23 05 48 13-0225	EA		4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,506.13	305.39
23 05 48 13-0226	EA		4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,821.60	304.62
23 05 48 13-0227	EA		4" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	2,174.31	304.62
23 05 48 13-0228	EA		4" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	2,443.82	304.62
23 05 48 13-0229	EA		6" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,919.50	390.00
23 05 48 13-0230	EA		6" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	2,622.84	390.00
23 05 48 13-0231	EA		6" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	3,326.58	391.39
23 05 48 13-0232	EA		6" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	4,030.02	390.00
23 05 48 13-0233	EA		6" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	4,733.36	390.00
23 05 48 13-0234	EA		8" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	3,296.44	466.86
23 05 48 13-0235	EA		8" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	3,828.53	466.86
23 05 48 13-0236	EA		8" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	4,883.49	466.86
23 05 48 13-0237	EA		8" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	5,938.85	466.86
23 05 48 13-0238	EA		8" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	6,993.71	466.86
23 05 48 13-0239	EA		10" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	5,551.92	568.35
23 05 48 13-0240	EA		10" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	6,877.58	568.35
23 05 48 13-0241	EA		10" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	8,212.15	568.35
23 05 48 13-0242	EA		10" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	9,543.85	568.35
23 05 48 13-0243	EA		10" Diameter x 72" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	10,620.11	568.35
23 05 48 13-0244	EA		12" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	7,605.22	690.14
23 05 48 13-0245	EA		12" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	9,287.46	690.14
23 05 48 13-0246	EA		12" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	10,969.59	690.14
23 05 48 13-0247	EA		12" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	12,651.72	690.14
23 05 48 13-0248	EA		12" Diameter x 72" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	14,333.96	690.14

23 05 53 Identification for HVAC Piping and Equipment (23 05)

 23 05 53 00-0001 Systems Identification (23 05 53)

 23 05 53 00-0002 Pipe Marker Snap-On Type Plastic (23 05 53 00-0001)

Note: Outside diameters of insulation where necessary.

23 05 53 00-0003	EA		1/2" Outside Diameter Snap-On Plastic Marker.....	19.91	
23 05 53 00-0004	EA		3/4" Outside Diameter Snap-On Plastic Marker.....	20.20	
23 05 53 00-0005	EA		1" Outside Diameter Snap-On Plastic Marker.....	20.35	
23 05 53 00-0006	EA		1-1/4" Outside Diameter Snap-On Plastic Marker.....	20.66	
23 05 53 00-0007	EA		1-1/2" Outside Diameter Snap-On Plastic Marker.....	23.98	
23 05 53 00-0008	EA		2" Outside Diameter Snap-On Plastic Marker.....	24.50	
23 05 53 00-0009	EA		2-1/2" Outside Diameter Snap-On Plastic Marker.....	38.84	
23 05 53 00-0010	EA		3" Outside Diameter Snap-On Plastic Marker.....	39.26	
23 05 53 00-0011	EA		3-1/2" Outside Diameter Snap-On Plastic Marker.....	39.71	
23 05 53 00-0012	EA		4" Outside Diameter Snap-On Plastic Marker.....	39.94	
23 05 53 00-0013	EA		4-1/2" Outside Diameter Snap-On Plastic Marker.....	40.19	
23 05 53 00-0014	EA		5" Outside Diameter Snap-On Plastic Marker.....	40.44	
23 05 53 00-0015	EA		6" Outside Diameter Snap-On Plastic Marker.....	42.37	
23 05 53 00-0016	EA		7" Outside Diameter Snap-On Plastic Marker.....	42.65	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 53 Identification for HVAC Piping and Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 53 00-0017	EA	8" Outside Diameter Snap-On Plastic Marker.....	52.49
23 05 53 00-0018	EA	10" Outside Diameter Snap-On Plastic Marker.....	54.29
23 05 53 00-0019	EA	12" Outside Diameter Snap-On Plastic Marker.....	62.55
23 05 53 00-0020	EA	14" Outside Diameter Snap-On Plastic Marker.....	71.73

23 05 53 00-0021 Pipe Markers Pressure-Sensitive (23 05 53 00-0001)

Note: Outside diameter includes insulation where necessary.

23 05 53 00-0022	EA	1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	12.69
23 05 53 00-0023	EA	3/4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	13.26
23 05 53 00-0024	EA	1" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	14.43
23 05 53 00-0025	EA	1-1/4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	14.66
23 05 53 00-0026	EA	1-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	15.54
23 05 53 00-0027	EA	2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	15.89
23 05 53 00-0028	EA	2-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	17.68
23 05 53 00-0029	EA	3" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	18.14
23 05 53 00-0030	EA	3-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	18.48
23 05 53 00-0031	EA	4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	18.84
23 05 53 00-0032	EA	4-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	19.57
23 05 53 00-0033	EA	5" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	20.35
23 05 53 00-0034	EA	6" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	21.03
23 05 53 00-0035	EA	7" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	21.71
23 05 53 00-0036	EA	8" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	23.73
23 05 53 00-0037	EA	10" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	25.00
23 05 53 00-0038	EA	12" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	29.05

23 05 53 00-0039 Valve Identification Tag (23 05 53 00-0001)

Note: Includes beaded chain and/or "S" hook.

23 05 53 00-0040	EA	2" Diameter Identification Tag, Brass.....	12.01
23 05 53 00-0041	EA	1-1/2" Diameter Identification Tag, Plastic	11.28
23 05 53 00-0042	EA	1-1/2" Diameter Identification Tag, Brass	11.06

23 05 53 00-0043 Medical Pipe Labels Pressure-Sensitive (23 05 53 00-0001)

23 05 53 00-0044	LF	3" Wide, Vinyl Medical Gas Pipe Pressure Sensitive Stick-On Label	22.01
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Note: To be wrapped around pipe insulation per location

23 05 66 Anti-Microbial Ultraviolet Emitters for HVAC Ducts and Equipment (23 05)**23 05 66 00-0001 Double Ended Ultraviolet HVAC Microbial Control Fixtures** (23 05 66)

23 05 66 00-0002	EA	24" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-241-VO).....	986.82	79.99
Note: Includes tube.				
23 05 66 00-0003	EA	30" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-301-VO).....	989.34	83.42
Note: Includes tube.				
23 05 66 00-0004	EA	36" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-361-VO).....	1,035.55	87.64
Note: Includes tube.				
23 05 66 00-0005	EA	42" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-421-VO).....	1,120.85	91.41
Note: Includes tube.				
23 05 66 00-0006	EA	62" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-621-VO).....	1,080.52	94.27
Note: Includes tube.				

23 05 66 00-0007 Single Ended Ultraviolet HVAC Microbial Control Fixtures (23 05 66)

23 05 66 00-0008	EA	12" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-121-VO)	799.23	52.79
Note: Includes tube.				
23 05 66 00-0009	EA	16" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-161-VO)	810.19	57.13
Note: Includes tube.				
23 05 66 00-0010	EA	20" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-201-VO)	831.65	60.56
Note: Includes tube.				
23 05 66 00-0011	EA	24" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-241-VO)	841.87	65.13
Note: Includes tube.				
23 05 66 00-0012	EA	30" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-301-VO)	864.08	68.56
Note: Includes tube.				
23 05 66 00-0013	EA	36" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-361-VO)	880.29	71.99
Note: Includes tube.				
23 05 66 00-0014	EA	42" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-421-VO)	901.76	76.56
Note: Includes tube.				
23 05 66 00-0015	EA	12" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-121-VO)	910.31	52.79
Note: Includes tube.				
23 05 66 00-0016	EA	16" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-161-VO)	921.27	57.13
Note: Includes tube.				
23 05 66 00-0017	EA	20" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-201-VO)	942.73	60.56
Note: Includes tube.				
23 05 66 00-0018	EA	24" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-241-VO)	952.95	65.13
Note: Includes tube.				
23 05 66 00-0019	EA	30" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-301-VO)	975.16	68.56
Note: Includes tube.				
23 05 66 00-0020	EA	36" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-361-VO)	991.37	71.99
Note: Includes tube.				
23 05 66 00-0021	EA	42" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-421-VO)	1,012.84	76.56
Note: Includes tube.				

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 66 00-0022	EA		16" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-161-VO) Note: Includes tube.	636.31	57.13
23 05 66 00-0023	EA		20" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-201-VO) Note: Includes tube.	657.77	60.56
23 05 66 00-0024	EA		24" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-241-VO) Note: Includes tube.	667.99	65.13
23 05 66 00-0025	EA		30" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-301-VO) Note: Includes tube.	690.20	68.56
23 05 66 00-0026	EA		36" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-361-VO) Note: Includes tube.	706.41	71.99
23 05 66 00-0027	EA		42" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-421-VO) Note: Includes tube.	727.88	76.56
23 05 66 00-0028			Fan Coil Unit Ultraviolet Microbial Control Fixtures <small>(23 05 66)</small>		
23 05 66 00-0029	EA		16" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	580.24	73.13
23 05 66 00-0030	EA		20" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	592.85	76.56
23 05 66 00-0031	EA		24" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	605.46	79.99
23 05 66 00-0032	EA		30" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	622.54	83.42
23 05 66 00-0033	EA		36" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	644.73	87.64
23 05 66 00-0034	EA		42" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	664.24	91.41
23 05 66 00-0035			Ultraviolet HVAC Microbial Control Replacement Parts <small>(23 05 66)</small>		
23 05 66 00-0036	EA		18" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-16-VO) Note: Includes tube.	153.39	
23 05 66 00-0037	EA		24" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-22-VO) Note: Includes tube.	161.30	
23 05 66 00-0038	EA		30" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-28-VO) Note: Includes tube.	183.52	
23 05 66 00-0039	EA		36" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-34-VO) Note: Includes tube.	212.14	
23 05 66 00-0040	EA		42" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-40-VO) Note: Includes tube.	241.39	
23 05 66 00-0041	EA		62" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-60-VO) Note: Includes tube.	250.39	
23 05 66 00-0042	EA		12" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-12-VO) Note: Includes tube.	119.64	
23 05 66 00-0043	EA		16" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-16-VO) Note: Includes tube.	126.03	
23 05 66 00-0044	EA		20" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-20-VO) Note: Includes tube.	142.92	
23 05 66 00-0045	EA		24" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-24-VO) Note: Includes tube.	148.57	
23 05 66 00-0046	EA		30" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-30-VO) Note: Includes tube.	166.21	
23 05 66 00-0047	EA		36" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-36-VO) Note: Includes tube.	177.85	
23 05 66 00-0048	EA		42" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-42-VO) Note: Includes tube.	194.75	
23 05 66 00-0049	EA		Removal And Replacement Of Power Supply For Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	450.63	
23 05 66 00-0050			Ultraviolet HVAC Microbial Control Mounting Accessories <small>(23 05 66)</small>		
23 05 66 00-0051	EA		Two Spring Clip, 61" Emitter Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 11006610) Note: Includes 61" emitter, power supply, wires and connectors.	665.66	
23 05 66 00-0052	EA		Two Spring Clip, 61" Steeved Emitter Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 11006620) Note: Includes 61" emitter, power supply, wires and connectors.	855.39	
23 05 66 00-0053	EA		Two Spring Clip, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-1) Note: Includes power supply, wires and connectors. Excludes emitter.	383.57	
23 05 66 00-0054	EA		Two Short Hook Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-2) Note: Includes power supply, wires and connectors. Excludes emitter.	406.80	
23 05 66 00-0055	EA		Flat Plate For Metal, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-3) Note: Includes power supply, wires and connectors. Excludes emitter.	532.15	
23 05 66 00-0056	EA		Flat Plate For Plastic, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-4) Note: Includes power supply, wires and connectors. Excludes emitter.	328.18	
23 05 66 00-0057	EA		Insert Lamp Holder, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-5) Note: Includes power supply, wires and connectors. Excludes emitter.	356.75	
23 05 66 00-0058	EA		16" U-Bracket, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-6) Note: Includes power supply, wires and connectors. Excludes emitter.	462.58	
23 05 66 00-0059	EA		12" U-Bracket, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-7) Note: Includes power supply, wires and connectors. Excludes emitter.	455.99	
23 05 66 00-0060	LF		30 x 30 mm Framing Structure For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000101) Note: Includes power supply, wires and connectors. Excludes emitter.	17.12	
23 05 66 00-0061	EA		Vertical Support Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000111) Note: Includes power supply, wires and connectors. Excludes emitter.	57.39	
23 05 66 00-0062	EA		Joint Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000112) Note: Includes power supply, wires and connectors. Excludes emitter.	19.38	
23 05 66 00-0063	EA		Emitter Mounting Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000113) Note: Includes power supply, wires and connectors. Excludes emitter.	18.23	
23 05 66 00-0064	EA		Foundation Bracket FB 8WA For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000104) Note: Includes power supply, wires and connectors. Excludes emitter.	52.68	
23 05 66 00-0065	EA		Slider Assembly Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000114) Note: Includes power supply, wires and connectors. Excludes emitter.	64.28	
23 05 66 00-0066	EA		Splice Kit For Horizontal Rows For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000108) Note: Includes power supply, wires and connectors. Excludes emitter.	56.95	
23 05 66 00-0067	EA		Gusset Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000115) Note: Includes power supply, wires and connectors. Excludes emitter.	45.97	
23 05 66 00-0068	EA		ISO "A" Bracket Hanger For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000109) Note: Includes power supply, wires and connectors. Excludes emitter.	43.35	
23 05 66 00-0069	EA		DE Boot Kit UV Resistant For 1 DE Fixture For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000223) Note: Includes power supply, wires and connectors. Excludes emitter.	22.84	
23 05 66 00-0070	EA		DE Wiring Kit For Up To 65" (DE Bank Install) For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000603) Note: Includes power supply, wires and connectors. Excludes emitter.	48.90	
23 05 66 00-0071	EA		Cleaning Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000100) Note: Includes power supply, wires and connectors. Excludes emitter.	22.94	
23 05 66 00-0072	EA		480 To 220 Volt AC / 180 VA Step-Down Transformer For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000503) Note: Includes power supply, wires and connectors. Excludes emitter.	93.28	
23 05 66 00-0073	EA		Interlock Switch (16 Amps At 125 Volt, 10 Amperes At 250 Volt Maximum Ampacity) For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000120) Note: Includes power supply, wires and connectors. Excludes emitter.	98.20	
23 05 66 00-0074			Ultraviolet Duct Disinfection Unit (eLEDLights) <small>(23 05 66)</small>		
23 05 66 00-0075	EA		Two 12" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD2L120V12-P1) Note: Includes power supply, wires and connectors. Excludes emitter.	1,365.22	105.70
23 05 66 00-0076	EA		Two 18" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD2L120V18-P1) Note: Includes power supply, wires and connectors. Excludes emitter.	1,527.83	111.41

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 66 Anti-Microbial Ultraviolet Emitters for HVAC Ducts and Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 66 00-0077	EA	Two 24" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD2L120V24-P1)	1,584.75	119.98
23 05 66 00-0078	EA	Two 30" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD2L120V30-P1)	1,657.60	128.55
23 05 66 00-0079	EA	Two 36" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD2L120V36-P1)	1,706.57	137.11
23 05 66 00-0080	EA	Two 48" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD2L120V48-P1)	2,060.17	142.82
23 05 66 00-0081	EA	Four 18" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD4L120V18-P1)	2,067.34	111.41
23 05 66 00-0082	EA	Four 24" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD4L120V24-P1)	2,148.14	119.98
23 05 66 00-0083	EA	Four 30" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD4L120V30-P1)	2,483.58	128.55
23 05 66 00-0084	EA	Four 36" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD4L120V36-P1)	2,580.29	137.11

23 05 66 00-0085 Ultraviolet Germicidal Airborne Duct System (Fresh-Aire UV) (23 05 66)

Note: Includes 2 Year Warranty

23 05 66 00-0086	EA	Two 18" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVV-ADS-218D-HO)	1,297.55	111.41
23 05 66 00-0087	EA	Four 18" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVV-ADS-218Q-HO)	2,250.44	111.41
23 05 66 00-0088	EA	Six 18" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVV-ADS-218H-HO)	3,204.62	111.41
23 05 66 00-0089	EA	Two 24" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVV-ADS-224D-HO)	1,330.07	119.98
23 05 66 00-0090	EA	Four 24" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVV-ADS-224Q-HO)	2,295.80	119.98
23 05 66 00-0091	EA	Six 24" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVV-ADS-224H-HO)	3,262.80	119.98
23 05 66 00-0092	EA	Two 32" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVV-ADS-232D-HO)	1,360.04	128.55
23 05 66 00-0093	EA	Four 32" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVV-ADS-232Q-HO)	2,341.15	128.55
23 05 66 00-0094	EA	Six 32" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVV-ADS-232H-HO)	3,320.98	128.55
23 05 66 00-0095	EA	Two 46" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVV-ADS-246D-HO)	1,505.32	142.82
23 05 66 00-0096	EA	Four 46" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVV-ADS-246Q-HO)	2,580.05	142.82
23 05 66 00-0097	EA	Six 46" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVV-ADS-246H-HO)	3,654.79	142.82
23 05 66 00-0098	EA	Two 60" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVV-ADS-260D-HO)	1,768.59	157.11
23 05 66 00-0099	EA	Four 60" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVV-ADS-260Q-HO)	3,079.30	157.11
23 05 66 00-0100	EA	Six 60" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVV-ADS-260H-HO)	4,388.73	157.11

23 05 93 Testing, Adjusting, and Balancing for HVAC (23 05)

Note: Includes all necessary testing, startup, and checkout. Use these tasks for testing, startup, and checkout of existing systems or for third party testing and report when required.

23 05 93 00-0001 Heating And Ventilating Equipment (23 05 93)

23 05 93 00-0002	EA	Balancing Centrifugal Fans	476.57	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-238.29	
23 05 93 00-0003	EA	Balancing Heating And Ventilating Units	595.47	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-297.74	
23 05 93 00-0004	EA	Balancing In Line Fan	536.13	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-268.07	
23 05 93 00-0005	EA	Balancing Propeller And Wall Fan	119.14	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-59.57	
23 05 93 00-0006	EA	Balancing Roof Exhaust Fan	357.40	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-178.70	
23 05 93 00-0007	EA	Balancing Wall Fan	89.33	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-44.67	
23 05 93 00-0008	EA	Balancing Fan Section Exhaust	475.80	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-237.90	

23 05 93 00-0009 Air Conditioning Equipment (23 05 93)

23 05 93 00-0010	EA	Balancing Constant Volume Air Handling Unit	855.55	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-427.78	
23 05 93 00-0011	EA	Balancing Package A/C Unit	320.84	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-160.42	
23 05 93 00-0012	EA	Balancing Rooftop Heat And Cool Unit	427.78	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-213.89	
23 05 93 00-0013	EA	Balancing Variable Volume Air Handling Unit	1,497.22	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-748.61	

23 05 93 00-0014 Registers, Diffusers, Terminal Air Units And Dampers (23 05 93)

23 05 93 00-0015	EA	Balancing HVAC Duct System, Ceiling Height To 12' Supply, Return, Exhaust, Register And Diffuser	89.35	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-44.68	
23 05 93 00-0016	EA	Balancing HVAC Duct System, Ceiling Height >12' Supply, Return, Exhaust, Register And Diffuser	148.93	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-74.47	
23 05 93 00-0017	EA	Balancing HVAC Duct System, Floor Height Supply, Return, Exhaust, Register And Diffuser	77.44	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-38.72	
23 05 93 00-0018	EA	Balance Variable Air Volume Box	83.90	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-41.95	
23 05 93 00-0019	EA	Balance Constant Volume Box	83.90	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-41.95	
23 05 93 00-0020	EA	Balance Fan Powered Box	95.31	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-47.66	
23 05 93 00-0021	EA	Balance Lab Fume Hood	387.22	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-193.61	
23 05 93 00-0022	EA	Balance General Hood	297.85	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-148.93	
23 05 93 00-0023	EA	Balance Induction Unit	178.72	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-89.36	
23 05 93 00-0024	EA	Balance Moduline - Master	71.47	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-35.74	
23 05 93 00-0025	EA	Balance Moduline - Slave	35.74	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-17.87	
23 05 93 00-0026	EA	Balance Dampers	33.19	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-16.60	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 93 00-0027 EA Balance Regenerators.....	475.80	
For Testing Of Unit Without Balancing, Deduct	-237.90	
23 05 93 00-0028 Water Balancing Of Components (23 05 93)		
23 05 93 00-0029 EA Water Balance, Air Cool Condenser	588.25	
For Testing Of Unit Without Balancing, Deduct	-294.13	
23 05 93 00-0030 EA Water Balance, Cabinet Heater	74.86	
For Testing Of Unit Without Balancing, Deduct	-37.43	
23 05 93 00-0031 EA Water Balance, Chiller, Air Cooled	641.61	
For Testing Of Unit Without Balancing, Deduct	-320.81	
23 05 93 00-0032 EA Water Balance, Chiller, Water Cooled	855.55	
For Testing Of Unit Without Balancing, Deduct	-427.78	
23 05 93 00-0033 EA Water Balance, Cooling Tower	427.78	
For Testing Of Unit Without Balancing, Deduct	-213.89	
23 05 93 00-0034 EA Water Balance, Fan Coil And Vent	107.01	
For Testing Of Unit Without Balancing, Deduct	-53.51	
23 05 93 00-0035 EA Water Balance, Fin Tube And Radiant Panel	106.95	
For Testing Of Unit Without Balancing, Deduct	-53.48	
23 05 93 00-0036 EA Water Balance, Main And Duct Re-Heat Coil	117.64	
For Testing Of Unit Without Balancing, Deduct	-58.82	
23 05 93 00-0037 EA Water Balance, Pumps	320.85	
For Testing Of Unit Without Balancing, Deduct	-160.43	
23 05 93 00-0038 EA Water Balance, Unit Heater	74.86	
For Testing Of Unit Without Balancing, Deduct	-37.43	
23 05 93 00-0039 EA Water Balancing, Converter.....	320.96	
For Testing Of Unit Without Balancing, Deduct	-160.48	
23 05 93 00-0040 EA Water Balancing, Cocks And Valves	53.46	
For Testing Of Unit Without Balancing, Deduct	-26.73	
23 05 93 00-0041 EA Water Balance, Convectector.....	64.16	
For Testing Of Unit Without Balancing, Deduct	-32.08	
23 05 93 00-0042 EA Water Balancing, Backflow Preventer Or Reduced Pressure Zone Valves	80.21	
For Testing Of Unit Without Balancing, Deduct	-40.11	
23 05 93 00-0043 EA Water Balance, Boiler, Up To 500 MBH	695.14	
For Testing Of Unit Without Balancing, Deduct	-347.57	
23 05 93 00-0044 EA >500 To 1,000 MBH, Water Balance, Boiler.....	1,283.34	
For Testing Of Unit Without Balancing, Deduct	-641.67	
23 05 93 00-0045 EA >1,000 MBH, Water Balance, Boiler.....	2,352.78	
For Testing Of Unit Without Balancing, Deduct	-1,176.39	
23 05 93 00-0046 Non Destructive Testing (23 05 93)		
23 05 93 00-0047 X-Ray Welds, Non-Destructive Testing (23 05 93 00-0046)		
23 05 93 00-0048 Minimum Charge For X-Ray Welds (23 05 93 00-0047)		
23 05 93 00-0049 EA X-Ray Welds Minimum Set-Up Charge	937.15	
Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
23 05 93 00-0050 Piping, X-Ray Welds, Non Destructive Testing (23 05 93 00-0047)		
23 05 93 00-0051 EA Up To 3/4" Piping, X-Ray Welds, Non Destructive Testing.....	89.69	
23 05 93 00-0052 EA 1" Piping, X-Ray Welds, Non Destructive Testing	101.99	
23 05 93 00-0053 EA 1-1/4" - 1-1/2" Piping, X-Ray Welds, Non Destructive Testing.....	114.30	
23 05 93 00-0054 EA 2" Piping, X-Ray Welds, Non Destructive Testing	120.82	
23 05 93 00-0055 EA 3" Piping, X-Ray Welds, Non Destructive Testing	127.32	
23 05 93 00-0056 EA 4" Piping, X-Ray Welds, Non Destructive Testing	134.52	
23 05 93 00-0057 EA 6" Piping, X-Ray Welds, Non Destructive Testing	147.53	
23 05 93 00-0058 EA 8" Piping, X-Ray Welds, Non Destructive Testing	160.55	
23 05 93 00-0059 EA 10" Piping, X-Ray Welds, Non Destructive Testing	167.75	
23 05 93 00-0060 EA 12" Piping, X-Ray Welds, Non Destructive Testing	174.97	
23 05 93 00-0061 Liquid Penetration Of Welds, Non Destructive Testing (23 05 93 00-0046)		
23 05 93 00-0062 Piping, Liquid Penetration Of Welds, Non Destructive Testing (23 05 93 00-0061)		
23 05 93 00-0063 EA Up To 3/4" Piping, Liquid Penetration Of Welds, Non Destructive Testing	116.20	
23 05 93 00-0064 EA 1" Piping, Liquid Penetration Of Welds, Non Destructive Testing	122.00	
23 05 93 00-0065 EA 1-1/4" - 1-1/2" Piping, Liquid Penetration Of Welds, Non Destructive Testing	127.81	
23 05 93 00-0066 EA 2" Piping, Liquid Penetration Of Welds, Non Destructive Testing.....	130.71	
23 05 93 00-0067 EA 3" Piping, Liquid Penetration Of Welds, Non Destructive Testing	135.07	
23 05 93 00-0068 EA 4" Piping, Liquid Penetration Of Welds, Non Destructive Testing.....	139.43	
23 05 93 00-0069 EA 6" Piping, Liquid Penetration Of Welds, Non Destructive Testing	148.13	
23 05 93 00-0070 EA 8" Piping, Liquid Penetration Of Welds, Non Destructive Testing.....	156.84	
23 05 93 00-0071 EA 10" Piping, Liquid Penetration Of Welds, Non Destructive Testing.....	165.55	
23 05 93 00-0072 EA 12" Piping, Liquid Penetration Of Welds, Non Destructive Testing.....	174.26	
23 05 93 00-0073 Hydrostatic Testing (23 05 93 00-0046)		
Note: Includes flushing and restoring of system.		
23 05 93 00-0074 Piping, Hydrostatic Testing (23 05 93 00-0073)		
23 05 93 00-0075 EA Up To 100', Up To 1-1/2" Piping, Hydrostatic Testing.....	763.94	
23 05 93 00-0076 EA >100' To 250', Up To 1-1/2" Piping, Hydrostatic Testing	1,091.34	
23 05 93 00-0077 EA >250' To 500', Up To 1-1/2" Piping, Hydrostatic Testing	1,307.64	
23 05 93 00-0078 EA >500' To 1,000', Up To 1-1/2" Piping, Hydrostatic Testing	1,741.79	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 93 Testing, Adjusting, and Balancing for HVAC**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 93 00-0079	EA	>1,000' To 2,000', Up To 1-1/2" Piping, Hydrostatic Testing.....	2,639.06	
23 05 93 00-0080	EA	Up To 100', >1-1/2" To 4" Piping, Hydrostatic Testing.....	1,015.74	
23 05 93 00-0081	EA	>100' To 250', >1-1/2" To 4" Piping, Hydrostatic Testing.....	1,451.48	
23 05 93 00-0082	EA	>250' To 500', >1-1/2" To 4" Piping, Hydrostatic Testing.....	1,727.96	
23 05 93 00-0083	EA	>500' To 1,000', >1-1/2" To 4" Piping, Hydrostatic Testing.....	2,264.29	
23 05 93 00-0084	EA	>1,000' To 2,000', >1-1/2" To 4" Piping, Hydrostatic Testing.....	3,425.49	
23 05 93 00-0085	EA	Up To 100', >4" To 10" Piping, Hydrostatic Testing.....	1,323.75	
23 05 93 00-0086	EA	>100' To 250', >4" To 10" Piping, Hydrostatic Testing.....	1,886.93	
23 05 93 00-0087	EA	>250' To 500', >4" To 10" Piping, Hydrostatic Testing.....	1,990.81	
23 05 93 00-0088	EA	>500' To 1,000', >4" To 10" Piping, Hydrostatic Testing.....	2,608.12	
23 05 93 00-0089	EA	>1,000' To 2,000', >4" To 10" Piping, Hydrostatic Testing.....	3,945.59	
23 05 93 00-0090	EA	Up To 100', >10" To 14" Piping, Hydrostatic Testing.....	1,718.56	
23 05 93 00-0091	EA	>100' To 250', >10" To 14" Piping, Hydrostatic Testing.....	2,450.10	
23 05 93 00-0092	EA	>250' To 500', >10" To 14" Piping, Hydrostatic Testing.....	2,588.56	
23 05 93 00-0093	EA	>500' To 1,000', >10" To 14" Piping, Hydrostatic Testing.....	3,395.17	
23 05 93 00-0094	EA	>1,000' To 2,000', >10" To 14" Piping, Hydrostatic Testing.....	5,144.21	

23 05 93 00-0095 **Pneumatic Testing** (23 05 93 00-0046)
 Note: Includes soaping joints flushing and restoring of system. Can be used for gas or smoke test.

23 05 93 00-0096 **Piping, Pneumatic Testing** (23 05 93 00-0095)

23 05 93 00-0097	EA	Up To 100', Up To 1-1/2" Piping, Pneumatic Testing.....	869.20	
Note: Includes soaping joints.				
23 05 93 00-0098	EA	>100' To 250', Up To 1-1/2" Piping, Pneumatic Testing.....	1,240.07	
Note: Includes soaping joints.				
23 05 93 00-0099	EA	>250' To 500', Up To 1-1/2" Piping, Pneumatic Testing.....	1,339.99	
Note: Includes soaping joints.				
23 05 93 00-0100	EA	>500' To 1,000', Up To 1-1/2" Piping, Pneumatic Testing.....	1,716.96	
Note: Includes soaping joints.				
23 05 93 00-0101	EA	>1,000' To 2,000', Up To 1-1/2" Piping, Pneumatic Testing.....	2,686.38	
Note: Includes soaping joints.				
23 05 93 00-0102	EA	Up To 100', >1-1/2" To 4" Piping, Pneumatic Testing.....	1,134.15	
Note: Includes soaping joints.				
23 05 93 00-0103	EA	>100' To 250', >1-1/2" To 4" Piping, Pneumatic Testing.....	1,610.23	
Note: Includes soaping joints.				
23 05 93 00-0104	EA	>250' To 500', >1-1/2" To 4" Piping, Pneumatic Testing.....	1,741.83	
Note: Includes soaping joints.				
23 05 93 00-0105	EA	>500' To 1,000', >1-1/2" To 4" Piping, Pneumatic Testing.....	2,232.40	
Note: Includes soaping joints.				
23 05 93 00-0106	EA	>1,000' To 2,000', >1-1/2" To 4" Piping, Pneumatic Testing.....	3,491.61	
Note: Includes soaping joints.				
23 05 93 00-0107	EA	Up To 100', >4" To 10" Piping, Pneumatic Testing.....	1,365.92	
Note: Includes soaping joints.				
23 05 93 00-0108	EA	>100' To 250', >4" To 10" Piping, Pneumatic Testing.....	1,927.38	
Note: Includes soaping joints.				
23 05 93 00-0109	EA	>250' To 500', >4" To 10" Piping, Pneumatic Testing.....	2,180.75	
Note: Includes soaping joints.				
23 05 93 00-0110	EA	>500' To 1,000', >4" To 10" Piping, Pneumatic Testing.....	2,787.38	
Note: Includes soaping joints.				
23 05 93 00-0111	EA	>1,000' To 2,000', >4" To 10" Piping, Pneumatic Testing.....	4,365.92	
Note: Includes soaping joints.				
23 05 93 00-0112	EA	Up To 100', >10" To 14" Piping, Pneumatic Testing.....	1,778.61	
Note: Includes soaping joints.				
23 05 93 00-0113	EA	>100' To 250', >10" To 14" Piping, Pneumatic Testing.....	2,505.82	
Note: Includes soaping joints.				
23 05 93 00-0114	EA	>250' To 500', >10" To 14" Piping, Pneumatic Testing.....	2,835.98	
Note: Includes soaping joints.				
23 05 93 00-0115	EA	>500' To 1,000', >10" To 14" Piping, Pneumatic Testing.....	3,624.57	
Note: Includes soaping joints.				
23 05 93 00-0116	EA	>1,000' To 2,000', >10" To 14" Piping, Pneumatic Testing.....	5,685.33	
Note: Includes soaping joints.				

23 05 93 00-0117 **EPA Testing Of Sludge** (23 05 93)

23 05 93 00-0118	EA	Flashpoint And Lead Test For Lead.....	986.10	
23 05 93 00-0119	EA	Air Test/Combustion Gas Level.....	95.67	
23 05 93 00-0120	EA	Toxicity Test For Heavy Metals.....	1,514.15	
23 05 93 00-0121	EA	Aboveground Tank Water Settlement Test Including Water.....	1,148.07	

23 07 HVAC Insulation (23)**23 07 13 Duct Insulation** (23 07)

Note: Based on SF surface area of duct to receive insulation.

23 07 13 00-0001 **FSK Fiber Glass Duct Wrap Insulation** (23 07 13)

Note: Foil-scrim kraft (FSK) facing lapped and joints sealed vapor tight. See CSI section 23 33 53 00-0000 for internal duct insulation.

23 07 13 00-0002 **Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation** (23 07 13 00-0001)

23 07 13 00-0003	SF	1" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation.....	3.96	2.32
For Plain Blanket, With No Facing, Deduct			-0.35	
For Work In Restricted Working Space, Add			0.93	
23 07 13 00-0004	SF	1-1/2" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation.....	4.62	2.32
For Plain Blanket, With No Facing, Deduct			-0.40	
For Work In Restricted Working Space, Add			1.09	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 13 00-0005	SF		2" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation <i>For Plain Blanket, With No Facing, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	5.23 -0.44 1.24	3.48
23 07 13 00-0006	SF		3" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation <i>For Plain Blanket, With No Facing, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	6.19 -0.54 1.45	4.06
23 07 13 00-0007	SF		4" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation <i>For Plain Blanket, With No Facing, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	7.35 -0.85 1.57	4.41
23 07 13 00-0008			Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation (23 07 13 00-0001)		
23 07 13 00-0009	SF		1" Thick, Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation <i>For Plain Blanket, With No Facing, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	4.87 -0.40 1.16	3.48
23 07 13 00-0010	SF		1-1/2" Thick, Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation <i>For Plain Blanket, With No Facing, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	5.68 -0.49 1.34	4.06
23 07 13 00-0011	SF		2" Thick, Type 100 (1.0 LB/CF) Fiber Glass FSK Duct Wrap Insulation <i>For Plain Blanket, With No Facing, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	6.71 -0.58 1.58	4.64
23 07 13 00-0012			Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation (23 07 13 00-0001)		
23 07 13 00-0013	SF		1" Thick, Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation <i>For Plain Blanket, With No Facing, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	6.36 -0.68 1.40	4.64
23 07 13 00-0014	SF		1-1/2" Thick, Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation <i>For Plain Blanket, With No Facing, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	8.28 -1.18 1.60	5.22
23 07 13 00-0015	SF		2" Thick, Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation <i>For Plain Blanket, With No Facing, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	9.66 -1.39 1.85	5.80
23 07 13 00-0016			3 LB/CF FSK Rigid Fiber Glass Board Insulation (23 07 13) Note: Foil-scrim kraft (FSK) facing, sealed vapor tight and attached to ducts with mechanical fasteners.		
23 07 13 00-0017	SF		1" Thick, 3 LB/CF FSK Rigid Fiber Glass Board Insulation <i>For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add</i> <i>For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add</i> <i>For Non-Metallic Weatherproof Paste, 2 LB, Add</i> <i>For Work In Restricted Working Space, Add</i>	10.91 25.15 18.64 15.36 3.09	5.84
23 07 13 00-0018	SF		1-1/2" Thick, 3 LB/CF FSK Rigid Fiber Glass Board Insulation <i>For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add</i> <i>For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add</i> <i>For Non-Metallic Weatherproof Paste, 2 LB, Add</i> <i>For Work In Restricted Working Space, Add</i>	13.95 31.07 23.35 19.16 3.76	7.11
23 07 13 00-0019	SF		2" Thick, 3 LB/CF FSK Rigid Fiber Glass Board Insulation <i>For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add</i> <i>For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add</i> <i>For Non-Metallic Weatherproof Paste, 2 LB, Add</i> <i>For Work In Restricted Working Space, Add</i>	17.35 37.85 28.69 23.49 4.54	8.58
23 07 13 00-0020			4.253 LB/CF FSK Rigid Fiber Glass Board Insulation (23 07 13) Note: Foil-scrim kraft (FSK) facing, sealed vapor tight and attached to ducts with mechanical fastener.		
23 07 13 00-0021	SF		1" Thick, 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation <i>For Work In Restricted Working Space, Add</i>	12.23 3.40	6.43
23 07 13 00-0022	SF		1-1/2" Thick, 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation <i>For Work In Restricted Working Space, Add</i>	15.79 4.13	7.82
23 07 13 00-0023	SF		2" Thick, 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation <i>For Work In Restricted Working Space, Add</i>	20.16 4.99	9.44
23 07 13 00-0024			Sheet Flexible Elastomeric Insulation (23 07 13)		
23 07 13 00-0025	SF		3/8" Thick, Sheet Flexible Elastomeric Insulation	8.97	3.13
23 07 13 00-0026	SF		1/2" Thick, Sheet Flexible Elastomeric Insulation	9.58	3.30
23 07 13 00-0027	SF		3/4" Thick, Sheet Flexible Elastomeric Insulation	12.49	3.48
23 07 13 00-0028	SF		1" Thick, Sheet Flexible Elastomeric Insulation	14.36	3.65
23 07 13 00-0029	SF		1-1/2" Thick, Sheet Flexible Elastomeric Insulation	19.78	4.00
23 07 13 00-0030	SF		2" Thick, Sheet Flexible Elastomeric Insulation	23.35	4.35
23 07 13 00-0031			Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation (23 07 13) Note: Jacketing is a 3-ply laminate consisting of a PVC core, 0.012" thick aluminum foil jacketing and UV-protective Mylar film.		
23 07 13 00-0032	SF		1/2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	13.15	3.30
23 07 13 00-0033	SF		3/4" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	14.45	3.48
23 07 13 00-0034	SF		1" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	16.07	3.65
23 07 13 00-0035	SF		1-1/2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	24.91	4.00
23 07 13 00-0036	SF		2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	29.48	4.35
23 07 13 00-0037			Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation (23 07 13) Note: Jacketing is a 3-ply laminate consisting of a PVC core, 0.012" thick aluminum foil jacketing and UV-protective Mylar film.		

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 07 HVAC Insulation****23 07 13 Duct Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 07 13 00-0038	SF	1/2" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	15.69	3.30
23 07 13 00-0039	SF	3/4" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	16.99	3.48
23 07 13 00-0040	SF	1" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	19.06	3.65
23 07 13 00-0041	SF	1-1/2" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	27.87	4.00

23 07 16 HVAC Equipment Insulation (23 07)**23 07 16 00-0001 Calcium Silicate Block Insulation (23 07 16)**

23 07 16 00-0002	SF	1" Thick, Calcium Silicate Block Insulation	17.25	7.02
		<i>For Work In Restricted Working Space, Add</i>	4.21	
23 07 16 00-0003	SF	1-1/2" Thick, Calcium Silicate Block Insulation	20.63	7.90
		<i>For Work In Restricted Working Space, Add</i>	4.74	
23 07 16 00-0004	SF	2" Thick, Calcium Silicate Block Insulation	24.71	9.11
		<i>For Work In Restricted Working Space, Add</i>	5.48	
23 07 16 00-0005	SF	2-1/2" Thick, Calcium Silicate Block Insulation	29.43	10.70
		<i>For Work In Restricted Working Space, Add</i>	6.42	
23 07 16 00-0006	SF	3" Thick, Calcium Silicate Block Insulation	35.97	13.17
		<i>For Work In Restricted Working Space, Add</i>	7.90	

23 07 19 HVAC Piping Insulation (23 07)

See CSI section 22 07 19 00-0000 for pipe insulation.

23 07 19 00-0001 Calcium Silicate Pipe Insulation (23 07 19)

Note: Includes adhesive. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint. See CSI section 22 07 19 00-0590 for protective jacketing.

23 07 19 00-0002 1" Thick, Calcium Silicate Pipe Insulation (23 07 19 00-0001)

23 07 19 00-0003	LF	1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	15.90	3.81
		<i>For Work In Restricted Working Space, Add</i>	2.86	
23 07 19 00-0004	LF	3/4" Diameter Pipe, 1" Thick Calcium Silicate Insulation	15.90	3.81
		<i>For Work In Restricted Working Space, Add</i>	2.86	
23 07 19 00-0005	LF	1" Diameter Pipe, 1" Thick Calcium Silicate Insulation	15.76	3.87
		<i>For Work In Restricted Working Space, Add</i>	2.90	
23 07 19 00-0006	LF	1-1/4" Diameter Pipe, 1" Thick Calcium Silicate Insulation	16.00	3.92
		<i>For Work In Restricted Working Space, Add</i>	2.94	
23 07 19 00-0007	LF	1-1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	16.20	3.98
		<i>For Work In Restricted Working Space, Add</i>	2.98	
23 07 19 00-0008	LF	2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	17.43	4.09
		<i>For Work In Restricted Working Space, Add</i>	3.07	
23 07 19 00-0009	LF	2-1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	18.25	4.25
		<i>For Work In Restricted Working Space, Add</i>	3.19	
23 07 19 00-0010	LF	3" Diameter Pipe, 1" Thick Calcium Silicate Insulation	19.10	4.36
		<i>For Work In Restricted Working Space, Add</i>	3.27	
23 07 19 00-0011	LF	4" Diameter Pipe, 1" Thick Calcium Silicate Insulation	21.98	4.69
		<i>For Work In Restricted Working Space, Add</i>	3.52	
23 07 19 00-0012	LF	6" Diameter Pipe, 1" Thick Calcium Silicate Insulation	24.44	5.30
		<i>For Work In Restricted Working Space, Add</i>	3.97	

23 07 19 00-0013 1-1/2" Thick, Calcium Silicate Pipe Insulation (23 07 19 00-0001)

23 07 19 00-0014	LF	1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	16.65	3.97
		<i>For Work In Restricted Working Space, Add</i>	2.98	
23 07 19 00-0015	LF	3/4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	16.76	3.97
		<i>For Work In Restricted Working Space, Add</i>	2.98	
23 07 19 00-0016	LF	1" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	17.98	4.21
		<i>For Work In Restricted Working Space, Add</i>	3.16	
23 07 19 00-0017	LF	1-1/4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	18.74	4.29
		<i>For Work In Restricted Working Space, Add</i>	3.21	
23 07 19 00-0018	LF	1-1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	19.54	4.36
		<i>For Work In Restricted Working Space, Add</i>	3.27	
23 07 19 00-0019	LF	2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	21.03	4.60
		<i>For Work In Restricted Working Space, Add</i>	3.46	
23 07 19 00-0020	LF	2-1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	22.09	4.68
		<i>For Work In Restricted Working Space, Add</i>	3.51	
23 07 19 00-0021	LF	3" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	22.95	4.84
		<i>For Work In Restricted Working Space, Add</i>	3.63	
23 07 19 00-0022	LF	4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	25.66	5.24
		<i>For Work In Restricted Working Space, Add</i>	3.93	
23 07 19 00-0023	LF	6" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	29.73	6.11
		<i>For Work In Restricted Working Space, Add</i>	4.58	
23 07 19 00-0024	LF	8" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	35.28	6.45
		<i>For Work In Restricted Working Space, Add</i>	4.84	
23 07 19 00-0025	LF	10" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	44.67	7.72
		<i>For Work In Restricted Working Space, Add</i>	5.79	
23 07 19 00-0026	LF	12" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	52.56	8.99
		<i>For Work In Restricted Working Space, Add</i>	6.74	
23 07 19 00-0027	LF	14" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	58.63	9.86
		<i>For Work In Restricted Working Space, Add</i>	7.39	
23 07 19 00-0028	LF	16" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	69.42	12.55
		<i>For Work In Restricted Working Space, Add</i>	9.41	
23 07 19 00-0029	LF	18" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	75.01	13.17
		<i>For Work In Restricted Working Space, Add</i>	9.88	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 19 00-0030			2" Thick, Calcium Silicate Pipe Insulation (23 07 19 00-0001)		
23 07 19 00-0031	LF		1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation .....21.53		4.36
			<i>For Work In Restricted Working Space, Add</i>	3.27	
23 07 19 00-0032	LF		3/4" Diameter Pipe, 2" Thick Calcium Silicate Insulation .....22.10		4.36
			<i>For Work In Restricted Working Space, Add</i>	3.27	
23 07 19 00-0033	LF		1" Diameter Pipe, 2" Thick Calcium Silicate Insulation .....22.85		4.42
			<i>For Work In Restricted Working Space, Add</i>	3.32	
23 07 19 00-0034	LF		1-1/4" Diameter Pipe, 2" Thick Calcium Silicate Insulation .....23.84		4.47
			<i>For Work In Restricted Working Space, Add</i>	3.36	
23 07 19 00-0035	LF		1-1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation .....24.52		4.53
			<i>For Work In Restricted Working Space, Add</i>	3.40	
23 07 19 00-0036	LF		2" Diameter Pipe, 2" Thick Calcium Silicate Insulation .....25.58		4.69
			<i>For Work In Restricted Working Space, Add</i>	3.52	
23 07 19 00-0037	LF		2-1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation .....28.82		4.86
			<i>For Work In Restricted Working Space, Add</i>	3.65	
23 07 19 00-0038	LF		3" Diameter Pipe, 2" Thick Calcium Silicate Insulation .....29.29		5.02
			<i>For Work In Restricted Working Space, Add</i>	3.77	
23 07 19 00-0039	LF		4" Diameter Pipe, 2" Thick Calcium Silicate Insulation .....32.59		5.30
			<i>For Work In Restricted Working Space, Add</i>	3.98	
23 07 19 00-0040	LF		6" Diameter Pipe, 2" Thick Calcium Silicate Insulation .....40.03		6.36
			<i>For Work In Restricted Working Space, Add</i>	4.77	
23 07 19 00-0041	LF		8" Diameter Pipe, 2" Thick Calcium Silicate Insulation .....45.51		6.72
			<i>For Work In Restricted Working Space, Add</i>	5.03	
23 07 19 00-0042	LF		10" Diameter Pipe, 2" Thick Calcium Silicate Insulation .....56.18		8.03
			<i>For Work In Restricted Working Space, Add</i>	6.03	
23 07 19 00-0043	LF		12" Diameter Pipe, 2" Thick Calcium Silicate Insulation .....64.16		9.62
			<i>For Work In Restricted Working Space, Add</i>	7.22	
23 07 19 00-0044	LF		14" Diameter Pipe, 2" Thick Calcium Silicate Insulation .....77.66		13.42
			<i>For Work In Restricted Working Space, Add</i>	10.07	
23 07 19 00-0045	LF		16" Diameter Pipe, 2" Thick Calcium Silicate Insulation .....82.17		13.42
			<i>For Work In Restricted Working Space, Add</i>	10.07	
23 07 19 00-0046	LF		18" Diameter Pipe, 2" Thick Calcium Silicate Insulation .....88.26		14.10
			<i>For Work In Restricted Working Space, Add</i>	10.57	
23 07 19 00-0047	LF		20" Diameter Pipe, 2" Thick Calcium Silicate Insulation .....105.58		16.11
			<i>For Work In Restricted Working Space, Add</i>	12.08	
23 07 19 00-0048	LF		24" Diameter Pipe, 2" Thick Calcium Silicate Insulation .....122.56		19.46
			<i>For Work In Restricted Working Space, Add</i>	14.60	
23 07 19 00-0049			2-1/2" Thick, Calcium Silicate Pipe Insulation (23 07 19 00-0001)		
23 07 19 00-0050	LF		1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation .....25.94		5.03
			<i>For Work In Restricted Working Space, Add</i>	3.77	
23 07 19 00-0051	LF		3/4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation .....26.54		5.03
			<i>For Work In Restricted Working Space, Add</i>	3.77	
23 07 19 00-0052	LF		1" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation .....27.02		5.11
			<i>For Work In Restricted Working Space, Add</i>	3.83	
23 07 19 00-0053	LF		1-1/4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation .....27.28		5.16
			<i>For Work In Restricted Working Space, Add</i>	3.86	
23 07 19 00-0054	LF		1-1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation .....28.02		5.19
			<i>For Work In Restricted Working Space, Add</i>	3.89	
23 07 19 00-0055	LF		2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation .....29.22		5.41
			<i>For Work In Restricted Working Space, Add</i>	4.05	
23 07 19 00-0056	LF		2-1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation .....33.13		5.59
			<i>For Work In Restricted Working Space, Add</i>	4.19	
23 07 19 00-0057	LF		3" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation .....33.62		5.79
			<i>For Work In Restricted Working Space, Add</i>	4.34	
23 07 19 00-0058	LF		4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation .....39.16		6.10
			<i>For Work In Restricted Working Space, Add</i>	4.58	
23 07 19 00-0059	LF		6" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation .....49.14		6.94
			<i>For Work In Restricted Working Space, Add</i>	5.20	
23 07 19 00-0060	LF		8" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation .....56.18		7.73
			<i>For Work In Restricted Working Space, Add</i>	5.80	
23 07 19 00-0061	LF		10" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation .....67.28		8.91
			<i>For Work In Restricted Working Space, Add</i>	6.68	
23 07 19 00-0062	LF		12" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation .....77.89		11.08
			<i>For Work In Restricted Working Space, Add</i>	8.31	
23 07 19 00-0063	LF		14" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation .....86.26		12.09
			<i>For Work In Restricted Working Space, Add</i>	9.08	
23 07 19 00-0064	LF		16" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation .....104.28		15.46
			<i>For Work In Restricted Working Space, Add</i>	11.60	
23 07 19 00-0065	LF		18" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation .....110.17		16.23
			<i>For Work In Restricted Working Space, Add</i>	12.17	
23 07 19 00-0066	LF		20" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation .....127.97		18.56
			<i>For Work In Restricted Working Space, Add</i>	13.92	
23 07 19 00-0067	LF		24" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation .....150.00		22.41
			<i>For Work In Restricted Working Space, Add</i>	16.81	
23 07 19 00-0068			3" Thick, Calcium Silicate Pipe Insulation (23 07 19 00-0001)		
23 07 19 00-0069	LF		1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation .....33.18		5.57
			<i>For Work In Restricted Working Space, Add</i>	4.18	
23 07 19 00-0070	LF		3/4" Diameter Pipe, 3" Thick Calcium Silicate Insulation .....33.32		5.57
			<i>For Work In Restricted Working Space, Add</i>	4.18	
23 07 19 00-0071	LF		1" Diameter Pipe, 3" Thick Calcium Silicate Insulation .....33.61		5.63
			<i>For Work In Restricted Working Space, Add</i>	4.22	
23 07 19 00-0072	LF		1-1/4" Diameter Pipe, 3" Thick Calcium Silicate Insulation .....33.97		5.66
			<i>For Work In Restricted Working Space, Add</i>	4.25	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 07 HVAC Insulation****23 07 19 HVAC Piping Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 07 19 00-0073	LF	1-1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation	34.28	5.72
		<i>For Work In Restricted Working Space, Add</i>	4.29	
23 07 19 00-0074	LF	2" Diameter Pipe, 3" Thick Calcium Silicate Insulation	35.44	5.94
		<i>For Work In Restricted Working Space, Add</i>	4.45	
23 07 19 00-0075	LF	2-1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation	39.59	6.14
		<i>For Work In Restricted Working Space, Add</i>	4.61	
23 07 19 00-0076	LF	3" Diameter Pipe, 3" Thick Calcium Silicate Insulation	40.33	6.36
		<i>For Work In Restricted Working Space, Add</i>	4.77	
23 07 19 00-0077	LF	4" Diameter Pipe, 3" Thick Calcium Silicate Insulation	47.99	6.72
		<i>For Work In Restricted Working Space, Add</i>	5.04	
23 07 19 00-0078	LF	6" Diameter Pipe, 3" Thick Calcium Silicate Insulation	57.12	7.62
		<i>For Work In Restricted Working Space, Add</i>	5.72	
23 07 19 00-0079	LF	8" Diameter Pipe, 3" Thick Calcium Silicate Insulation	66.58	8.50
		<i>For Work In Restricted Working Space, Add</i>	6.38	
23 07 19 00-0080	LF	10" Diameter Pipe, 3" Thick Calcium Silicate Insulation	79.25	9.81
		<i>For Work In Restricted Working Space, Add</i>	7.36	
23 07 19 00-0081	LF	12" Diameter Pipe, 3" Thick Calcium Silicate Insulation	91.03	12.19
		<i>For Work In Restricted Working Space, Add</i>	9.14	
23 07 19 00-0082	LF	14" Diameter Pipe, 3" Thick Calcium Silicate Insulation	101.17	13.31
		<i>For Work In Restricted Working Space, Add</i>	9.98	
23 07 19 00-0083	LF	16" Diameter Pipe, 3" Thick Calcium Silicate Insulation	117.54	17.01
		<i>For Work In Restricted Working Space, Add</i>	12.75	
23 07 19 00-0084	LF	18" Diameter Pipe, 3" Thick Calcium Silicate Insulation	127.02	17.86
		<i>For Work In Restricted Working Space, Add</i>	13.39	
23 07 19 00-0085	LF	20" Diameter Pipe, 3" Thick Calcium Silicate Insulation	149.03	20.42
		<i>For Work In Restricted Working Space, Add</i>	15.32	
23 07 19 00-0086	LF	24" Diameter Pipe, 3" Thick Calcium Silicate Insulation	175.97	24.66
		<i>For Work In Restricted Working Space, Add</i>	18.50	

23 07 19 00-0087 3-1/2" Thick, Calcium Silicate Pipe Insulation (23 07 19 00-0001)

23 07 19 00-0088	LF	1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	42.87	6.10
		<i>For Work In Restricted Working Space, Add</i>	4.58	
23 07 19 00-0089	LF	3/4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	44.62	6.10
		<i>For Work In Restricted Working Space, Add</i>	4.58	
23 07 19 00-0090	LF	1" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	44.72	6.14
		<i>For Work In Restricted Working Space, Add</i>	4.61	
23 07 19 00-0091	LF	1-1/4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	44.83	6.18
		<i>For Work In Restricted Working Space, Add</i>	4.64	
23 07 19 00-0092	LF	1-1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	46.31	6.26
		<i>For Work In Restricted Working Space, Add</i>	4.70	
23 07 19 00-0093	LF	2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	49.23	6.46
		<i>For Work In Restricted Working Space, Add</i>	4.85	
23 07 19 00-0094	LF	2-1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	53.65	6.70
		<i>For Work In Restricted Working Space, Add</i>	5.02	
23 07 19 00-0095	LF	3" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	55.56	6.94
		<i>For Work In Restricted Working Space, Add</i>	5.20	
23 07 19 00-0096	LF	4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	63.63	7.33
		<i>For Work In Restricted Working Space, Add</i>	5.50	
23 07 19 00-0097	LF	6" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	70.91	8.32
		<i>For Work In Restricted Working Space, Add</i>	6.24	
23 07 19 00-0098	LF	8" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	86.86	9.27
		<i>For Work In Restricted Working Space, Add</i>	6.95	
23 07 19 00-0099	LF	10" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	105.89	10.69
		<i>For Work In Restricted Working Space, Add</i>	8.02	
23 07 19 00-0100	LF	12" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	127.99	13.30
		<i>For Work In Restricted Working Space, Add</i>	9.97	
23 07 19 00-0101	LF	14" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	134.54	14.52
		<i>For Work In Restricted Working Space, Add</i>	10.89	
23 07 19 00-0102	LF	16" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	155.93	18.56
		<i>For Work In Restricted Working Space, Add</i>	13.92	
23 07 19 00-0103	LF	18" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	180.20	19.48
		<i>For Work In Restricted Working Space, Add</i>	14.61	
23 07 19 00-0104	LF	20" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	193.71	22.28
		<i>For Work In Restricted Working Space, Add</i>	16.71	

23 07 19 00-0105 4" Thick, Calcium Silicate Pipe Insulation (23 07 19 00-0001)

23 07 19 00-0106	LF	1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation	54.04	6.78
		<i>For Work In Restricted Working Space, Add</i>	5.08	
23 07 19 00-0107	LF	3/4" Diameter Pipe, 4" Thick Calcium Silicate Insulation	54.10	6.78
		<i>For Work In Restricted Working Space, Add</i>	5.08	
23 07 19 00-0108	LF	1" Diameter Pipe, 4" Thick Calcium Silicate Insulation	54.40	6.90
		<i>For Work In Restricted Working Space, Add</i>	5.17	
23 07 19 00-0109	LF	1-1/4" Diameter Pipe, 4" Thick Calcium Silicate Insulation	55.95	6.97
		<i>For Work In Restricted Working Space, Add</i>	5.23	
23 07 19 00-0110	LF	1-1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation	59.37	7.19
		<i>For Work In Restricted Working Space, Add</i>	5.39	
23 07 19 00-0111	LF	2" Diameter Pipe, 4" Thick Calcium Silicate Insulation	60.56	7.41
		<i>For Work In Restricted Working Space, Add</i>	5.56	
23 07 19 00-0112	LF	2-1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation	66.48	7.53
		<i>For Work In Restricted Working Space, Add</i>	5.65	
23 07 19 00-0113	LF	3" Diameter Pipe, 4" Thick Calcium Silicate Insulation	68.36	7.80
		<i>For Work In Restricted Working Space, Add</i>	5.85	
23 07 19 00-0114	LF	4" Diameter Pipe, 4" Thick Calcium Silicate Insulation	77.98	8.24
		<i>For Work In Restricted Working Space, Add</i>	6.18	
23 07 19 00-0115	LF	6" Diameter Pipe, 4" Thick Calcium Silicate Insulation	90.32	9.35
		<i>For Work In Restricted Working Space, Add</i>	7.01	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 19 00-0116	LF		8" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	108.04 7.82	10.43
23 07 19 00-0117	LF		10" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	124.38 9.04	12.04
23 07 19 00-0118	LF		12" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	140.90 11.22	14.96
23 07 19 00-0119	LF		14" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	149.59 12.26	16.34
23 07 19 00-0120	LF		16" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	176.22 15.67	20.89
23 07 19 00-0121	LF		18" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	187.60 16.42	21.90
23 07 19 00-0122	LF		20" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	207.12 18.79	25.06
23 07 19 00-0123			Weather-Protective Coating For Calcium Silicate Pipe Insulation (23 07 19 00-0001)		
23 07 19 00-0124	SF		1/4" Thick (Two 1/8" Coats), Weatherproof Coating Over Glass Cloth Mesh (Insulokote ET) <i>For Work In Restricted Working Space, Add</i>	5.87 1.08	

23 08 Commissioning of HVAC (23)

See CSI section 01 91 13 00-0001 for commissioning, 23 05 93 00-0000 for testing and balancing.

23 09 Instrumentation and Control for HVAC (23)

23 09 23 Direct-Digital Control System for HVAC (23 09)

23 09 23 11 Control Valves (23 09 23)

23 09 23 11-0001 Valves With Actuator (23 09 23 11)

23 09 23 11-0002	EA		1/2" 2-Way Bronze Globe Valve With Actuator (Belimo G215+NV24-MFT US)	788.81	14.98
23 09 23 11-0003	EA		3/4" 2-Way Bronze Globe Valve With Actuator (Belimo G220+NV24-MFT US)	814.15	20.20
23 09 23 11-0004	EA		1" 2-Way Bronze Globe Valve With Actuator (Belimo B225+NV24-MFT US)	890.26	24.45
23 09 23 11-0005	EA		1-1/4" 2-Way Bronze Globe Valve With Actuator (Belimo B232+NV24-MFT US)	970.01	30.96
23 09 23 11-0006	EA		1-1/2" 2-Way Bronze Globe Valve With Actuator (Belimo G240+NV24-MFT US)	1,104.79	35.73
23 09 23 11-0007	EA		2" 2-Way Bronze Globe Valve With Actuator (Belimo G250+NV24-MFT US)	1,247.98	42.22
23 09 23 11-0008	EA		2-1/2" 2-Way Bronze Globe Valve With Actuator (Belimo G665+GMX24-MFTX1)	2,332.12	84.45
23 09 23 11-0009	EA		3" 2-Way Bronze Globe Valve With Actuator (Belimo G680+GMX24-MFTX1)	2,525.72	98.82
23 09 23 11-0010	EA		4" 2-Way Bronze Globe Valve With Actuator (Belimo G6100C+GMX24-MFTX1)	3,405.16	145.15
23 09 23 11-0011	EA		5" 2-Way Bronze Globe Valve With Actuator (Belimo G6125C+GMX24-MFTX1)	5,010.04	209.77
23 09 23 11-0012	EA		6" 2-Way Bronze Globe Valve With Actuator (Belimo G6150C+GMX24-MFTX1)	5,549.40	232.24
23 09 23 11-0013	EA		1/2" 3-Way Bronze Globe Valve With Actuator (Belimo G315+NV24-MFT US)	846.45	22.47
23 09 23 11-0014	EA		3/4" 3-Way Bronze Globe Valve With Actuator (Belimo G320+NV24-MFT US)	870.09	30.29
23 09 23 11-0015	EA		1" 3-Way Bronze Globe Valve With Actuator (Belimo G325+NV24-MFT US)	941.30	36.67
23 09 23 11-0016	EA		1-1/4" 3-Way Bronze Globe Valve With Actuator (Belimo G332+NV24-MFT US)	1,041.52	46.45
23 09 23 11-0017	EA		1-1/2" 3-Way Bronze Globe Valve With Actuator (Belimo G340+NV24-MFT US)	1,339.85	53.59
23 09 23 11-0018	EA		2" 3-Way Bronze Globe Valve With Actuator (Belimo G350+NV24-MFT US)	1,484.99	63.34
23 09 23 11-0019	EA		2-1/2" 3-Way Bronze Globe Valve With Actuator (Belimo G765+GMX24-MFTX1)	2,617.85	126.68
23 09 23 11-0020	EA		3" 3-Way Bronze Globe Valve With Actuator (Belimo G780+GMX24-MFTX1)	2,874.45	148.24
23 09 23 11-0021	EA		4" 3-Way Bronze Globe Valve With Actuator (Belimo G7100+2"GMX24-MFTX1)	4,182.26	217.72
23 09 23 11-0022	EA		5" 3-Way Bronze Globe Valve With Actuator (Belimo G7125+2"GMX24-MFTX1)	6,066.63	314.64
23 09 23 11-0023	EA		6" 3-Way Bronze Globe Valve With Actuator (Belimo G7150+2"GMX24-MFTX1)	6,744.62	348.36
23 09 23 11-0024	EA		1/2" Two Way Brass Zone Valve With Actuator (Belimo ZONE215N-35+ZONE24NC)	124.07	14.98
23 09 23 11-0025	EA		3/4" Two Way Brass Zone Valve With Actuator (Belimo ZONE220N-50+ZONE24NC)	146.82	20.20
23 09 23 11-0026	EA		1" Two Way Brass Zone Valve With Actuator (Belimo ZONE225N-80+ZONE24NC)	184.77	24.45
23 09 23 11-0027	EA		1/2" Two Way Brass Zone Valve With Actuator (Belimo ZONE315N-35+ZONE24NC)	152.53	22.47
23 09 23 11-0028	EA		3/4" Two Way Brass Zone Valve With Actuator (Belimo ZONE320N-50+ZONE24NC)	179.02	30.29
23 09 23 11-0029	EA		1" Two Way Brass Zone Valve With Actuator (Belimo ZONE325N-80+ZONE24NC)	223.66	36.67
23 09 23 11-0030	EA		1/2" 2-Way Brass Ball Valve With Actuator (Belimo B215B+LRB24-3)	204.64	14.98
23 09 23 11-0031	EA		3/4" 2-Way Brass Ball Valve With Actuator (Belimo B220B+LRB24-3)	243.04	20.20
23 09 23 11-0032	EA		1" 2-Way Brass Ball Valve With Actuator (Belimo B225+LRB24-3)	276.73	24.45
23 09 23 11-0033	EA		1-1/4" 2-Way Brass Ball Valve With Actuator (Belimo B232+ARB24-3)	359.89	30.96
23 09 23 11-0034	EA		1-1/2" 2-Way Brass Ball Valve With Actuator (Belimo B240+ARB24-3)	372.96	35.73
23 09 23 11-0035	EA		2" 2-Way Brass Ball Valve With Actuator (Belimo B250+ARB24-3)	474.52	42.22
23 09 23 11-0036	EA		2-1/2" 2-Way Brass Ball Valve With Actuator (Belimo B265+ARB24-3)	1,018.21	84.45
23 09 23 11-0037	EA		3" 2-Way Brass Ball Valve With Actuator (Belimo B280+ARB24-3)	1,195.41	98.82
23 09 23 11-0038	EA		1/2" 3-Way Brass Ball Valve With Actuator (Belimo B315B+LRB24-3)	248.75	22.47
23 09 23 11-0039	EA		3/4" 3-Way Brass Ball Valve With Actuator (Belimo B320B+LRB24-3)	288.46	30.29
23 09 23 11-0040	EA		1" 3-Way Brass Ball Valve With Actuator (Belimo B325+LRB24-3)	371.84	36.67
23 09 23 11-0041	EA		1-1/4" 3-Way Brass Ball Valve With Actuator (Belimo B331+ARB24-3)	526.58	46.45
23 09 23 11-0042	EA		1-1/2" 3-Way Brass Ball Valve With Actuator (Belimo B341+ARB24-3)	555.96	53.59
23 09 23 11-0043	EA		2" 3-Way Brass Ball Valve With Actuator (Belimo B352+ARB24-3)	735.41	63.34
23 09 23 11-0044	EA		2" 2-Way Butterfly Valve With Actuator (Belimo F650HD+AMB24-3X1)	605.15	77.41
23 09 23 11-0045	EA		2-1/2" 2-Way Butterfly Valve With Actuator (Belimo F665HD+AMB24-3X1)	636.00	84.45
23 09 23 11-0046	EA		3" 2-Way Butterfly Valve With Actuator (Belimo F680HD+GMB24-3X1)	833.94	98.82
23 09 23 11-0047	EA		4" 2-Way Butterfly Valve With Actuator (Belimo F6100HD+2"GMB24-3X1)	1,276.00	165.89
23 09 23 11-0048	EA		5" 2-Way Butterfly Valve With Actuator (Belimo F6125HD+SY2-24)	2,546.76	209.77
23 09 23 11-0049	EA		6" 2-Way Butterfly Valve With Actuator (Belimo F6150HD+SY3-24)	2,688.83	232.24
23 09 23 11-0050	EA		8" 2-Way Butterfly Valve With Actuator (Belimo F6200HD+SY4-24)	3,648.62	265.42
23 09 23 11-0051	EA		10" 2-Way Butterfly Valve With Actuator (Belimo F6250HD+SY4-24)	4,476.45	325.14
23 09 23 11-0052	EA		12" 2-Way Butterfly Valve With Actuator (Belimo F6300HS+SY4-24)	5,530.92	394.10
23 09 23 11-0053	EA		14" 2-Way Butterfly Valve With Actuator (Belimo F6350HD+SY5-24)	6,150.75	464.47
23 09 23 11-0054	EA		16" 2-Way Butterfly Valve With Actuator (Belimo F6400HD+SY6-110)	8,116.25	510.92
23 09 23 11-0055	EA		18" 2-Way Butterfly Valve With Actuator (Belimo F6450HD+SY8-110)	9,827.70	567.59
23 09 23 11-0056	EA		2" 3-Way Butterfly Valve With Actuator (Belimo F750HD+AMB24-3X1)	1,113.54	116.12

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 09 Instrumentation and Control for HVAC****23 09 23 Direct-Digital Control System for HVAC**
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23 09 23 11-0057	EA	2-1/2" 3-Way Butterfly Valve With Actuator (Belimo F765HD+GMB24-3X1)	1,309.99	126.68
23 09 23 11-0058	EA	3" 3-Way Butterfly Valve With Actuator (Belimo F780HD+2*GMB24-3X1)	1,615.82	148.24
23 09 23 11-0059	EA	4" 3-Way Butterfly Valve With Actuator (Belimo F7100HD+2*GMB24-3X1)	2,082.90	248.83
23 09 23 11-0060	EA	5" 3-Way Butterfly Valve With Actuator (Belimo F7125HD+SY3-24)	4,232.90	314.64
23 09 23 11-0061	EA	6" 3-Way Butterfly Valve With Actuator (Belimo F7150HD+SY3-24)	4,386.36	348.36
23 09 23 11-0062	EA	8" 3-Way Butterfly Valve With Actuator (Belimo F7200HD+SY4-24)	5,522.59	398.16
23 09 23 11-0063	EA	10" 3-Way Butterfly Valve With Actuator (Belimo F7250HD+SY4-24)	7,303.56	487.70
23 09 23 11-0064	EA	12" 3-Way Butterfly Valve With Actuator (Belimo F7300HD+SY5-24)	8,877.17	591.15
23 09 23 11-0065	EA	14" 3-Way Butterfly Valve With Actuator (Belimo F7350HD+SY6-110)	13,815.29	696.71
23 09 23 11-0066	EA	16" 3-Way Butterfly Valve With Actuator (Belimo F7400HD+SY7-110)	15,403.01	766.38
23 09 23 11-0067	EA	18" 3-Way Butterfly Valve With Actuator (Belimo F7450HD+SY8-110)	23,651.84	851.39

23 09 23 11-0068 Valve Actuators (23 09 23 11)

23 09 23 11-0069	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Terminal Strip, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3-T)	439.72	95.93
23 09 23 11-0070	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 95 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3)	446.03	95.93
23 09 23 11-0071	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, Terminal Strip, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-SR-T)	568.71	95.93
23 09 23 11-0072	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Auxiliary Switch, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3-S)	498.51	95.93
23 09 23 11-0073	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-SR)	507.72	95.93
23 09 23 11-0074	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, 150 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-MFT)	568.27	95.93
23 09 23 11-0075	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 2.5 Seconds Run Time, 35 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRQX24-1)	722.12	95.93
23 09 23 11-0076	EA	24 Volt AC/DC Power Supply, 0-135 Ohms Control Input, 150 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-MFT95)	737.77	95.93
23 09 23 11-0077	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, 2.5 Seconds Run Time, 35 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRQX24-MFT)	775.50	95.93
23 09 23 11-0078	EA	120 Volt AC Power Supply, On/Off/Floating Point Control Input, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX120-3)	552.72	95.93
23 09 23 11-0079	EA	120 Volt AC Power Supply, 2-10 Volt DC Control Input, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX120-SR)	631.90	95.93
23 09 23 11-0080	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Terminal Strip, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3-T)	538.27	95.93
23 09 23 11-0081	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3)	547.51	95.93
23 09 23 11-0082	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARB24-3-5-14)	550.97	95.93
23 09 23 11-0083	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Auxiliary Switch, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3-S)	613.80	95.93
23 09 23 11-0084	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR-T)	640.90	95.93
23 09 23 11-0085	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR)	655.30	95.93
23 09 23 11-0086	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, Variable Run Time (90 To 350 Seconds), 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT)	652.43	95.93
23 09 23 11-0087	EA	24 Volt AC/DC Power Supply, Phasecut Control Input, 95 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-PC)	661.65	95.93
23 09 23 11-0088	EA	24 Volt AC/DC Power Supply, 0-135 Ohms Control Input, 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT95)	661.07	95.93
23 09 23 11-0089	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, NEMA 4X, 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR-T N4)	720.86	95.93
23 09 23 11-0090	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, NEMA 4X, Variable Run Time (75 To 350 Seconds), 160 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT-T N4)	872.08	95.93
23 09 23 11-0091	EA	100-240 Volt AC Power Supply, On/Off/Floating Point Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX120-3)	582.66	95.93
23 09 23 11-0092	EA	100-240 Volt AC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX120-SR)	693.37	95.93
23 09 23 11-0093	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 15 Seconds Run Time, 801 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY2-24)	1,561.56	95.93
23 09 23 11-0094	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 22 Seconds Run Time, 1,335 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY3-24)	1,750.64	95.93
23 09 23 11-0095	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 16 Seconds Run Time, 3,560 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY4-24)	2,100.57	95.93
23 09 23 11-0096	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 22 Seconds Run Time, 4,450 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY5-24)	2,379.01	95.93
23 09 23 11-0097	EA	120 Volt AC Power Supply, On/Off Control Input, 28 Seconds Run Time, 5,785 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY6-110)	2,815.42	95.93
23 09 23 11-0098	EA	120 Volt AC Power Supply, On/Off Control Input, 46 Seconds Run Time, 8,900 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY7-110)	3,315.83	95.93
23 09 23 11-0099	EA	120 Volt AC Power Supply, On/Off Control Input, 46 Seconds Run Time, 13,350 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY8-110)	4,466.51	95.93
23 09 23 11-0100	EA	120 Volt AC Power Supply, On/Off Control Input, 58 Seconds Run Time, 17,800 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY9-110)	5,451.72	95.93

23 09 23 12 Control Dampers (23 09 23)**23 09 23 12-0001 Rectangular Galvanized Volume Control Dampers (23 09 23 12)**

Note: Excludes actuators.

23 09 23 12-0002	EA	8" x 8" Low Leakage Volume Control Damper (Johnson Controls VOPSN-008X008)	203.84	36.94
23 09 23 12-0003	EA	10" x 10" Low Leakage Volume Control Damper (Johnson Controls VOPSN-010X010)	229.97	40.51
23 09 23 12-0004	EA	12" x 12" Low Leakage Volume Control Damper (Johnson Controls VOPSN-012X012)	257.23	44.68
23 09 23 12-0005	EA	14" x 14" Low Leakage Volume Control Damper (Johnson Controls VOPSN-014X014)	297.29	52.42

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 12-0006	EA		16" x 16" Low Leakage Volume Control Damper (Johnson Controls VOPSN-016X016).....	336.14	59.57
23 09 23 12-0007	EA		18" x 18" Low Leakage Volume Control Damper (Johnson Controls VOPSN-018X018).....	338.75	67.02
23 09 23 12-0008	EA		20" x 20" Low Leakage Volume Control Damper (Johnson Controls VOPSN-020X020).....	417.14	74.47
23 09 23 12-0009	EA		24" x 24" Low Leakage Volume Control Damper (Johnson Controls VOPSN-024X024).....	498.09	89.35
23 09 23 12-0010	EA		32" x 32" Low Leakage Volume Control Damper (Johnson Controls VOPSN-032X032).....	641.51	104.25
23 09 23 12-0011	EA		48" x 48" Low Leakage Volume Control Damper (Johnson Controls VOPSN-048X048).....	958.91	119.14
23 09 23 12-0012	EA		60" x 60" Low Leakage Volume Control Damper (Johnson Controls VOPSN-060X060).....	1,773.83	134.03
23 09 23 12-0013	EA		72" x 72" Low Leakage Volume Control Damper (Johnson Controls VOPSN-072X072).....	2,257.10	148.93
23 09 23 12-0014 Round Galvanized Control Dampers (23 09 23 12)					
Note: Excludes actuators.					
23 09 23 12-0015	EA		6" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG06).....	197.01	41.70
23 09 23 12-0016	EA		8" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG08).....	203.07	44.68
23 09 23 12-0017	EA		10" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG10).....	212.18	44.68
23 09 23 12-0018	EA		12" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG12).....	235.37	50.64
23 09 23 12-0019	EA		14" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG14).....	269.13	50.64
23 09 23 12-0020	EA		16" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG16).....	291.11	59.57
23 09 23 12-0021	EA		18" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG18).....	391.41	62.70
23 09 23 12-0022	EA		20" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG20).....	409.35	64.99
23 09 23 12-0023	EA		22" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG22).....	434.14	70.07
23 09 23 12-0024	EA		24" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG24).....	459.46	75.14
23 09 23 12-0025 Remote Damper Control (23 09 23 12)					
23 09 23 12-0026	EA		Remote Cable Control Concealed Ceiling Regulator For Damper (Young Regulator Co. 270-275B).....	279.38	
			For Each 10' Flexible Casing And Wire, Add	39.61	
23 09 23 12-0027	EA		Remote Cable Control Concealed Ceiling Regulator For Damper (Young Regulator Co. 270-301B).....	287.49	
			For Each 10' Flexible Casing And Wire, Add	39.61	
23 09 23 13 Energy Meters (23 09 23)					
23 09 23 13-0001 Surge Protectors (23 09 23 13)					
23 09 23 13-0002	EA		Surge Protector, T100's, Summit, BCU, UPCM, PCM, TCM (Transtector TR2255).....	340.72	9.16
23 09 23 13-0003	EA		Surge Protector, 1AC Outlet (Transtector TR2251).....	256.86	9.16
23 09 23 13-0004	EA		Surge Protector, 2 AC Outlets (Transtector TR2254).....	401.16	9.16
23 09 23 13-0005	EA		Surge Protector, DB-15 Connection (Transtector TR2259-DLP15).....	215.91	9.16
23 09 23 13-0006	EA		Surge Protector, DB-25 Connection (Transtector TR2259-DLP25).....	215.91	9.16
23 09 23 13-0007	EA		Surge Protector, DB-9 Connection (Transtector TR2259-DLP9).....	215.91	9.16
23 09 23 13-0008	EA		Surge Protector, Individual Wire Connection (Transtector TR2258).....	313.43	9.16
23 09 23 13-0009	EA		Surge Protector, Trane Communication Links (Transtector TR2257).....	192.51	9.16
23 09 23 14 Flow Instruments (23 09 23)					
23 09 23 14-0001 Water Flow Meters (23 09 23 14)					
23 09 23 14-0002	EA		Insertion Electromagnetic Water Flow Meter (Onicon F-3500).....	5,111.55	102.61
			Note: Excludes pipe fittings.		
23 09 23 14-0003 Air Flow Monitoring Stations (23 09 23 14)					
23 09 23 14-0004	EA		Analog Transmitter, 2 Point, 3 Sensor Air Flow Monitoring Station (Ebtron GTA116).....	4,010.99	114.37
			Note: 10' cable, 36" x 24" typical duct size.		
23 09 23 14-0005	EA		Analog Transmitter, 3 Point, 4 Sensor Air Flow Monitoring Station (Ebtron GTA116).....	5,762.14	114.37
			Note: 10' cable, 48" x 36" typical duct size.		
23 09 23 14-0006	EA		Analog Transmitter, 4 Point, 4 Sensor Air Flow Monitoring Station (Ebtron GTA116).....	7,173.06	114.37
			Note: 10' cable, 60" x 48" typical duct size.		
23 09 23 16 Gas Instruments (23 09 23)					
23 09 23 16-0001 Gas Sensors (23 09 23 16)					
23 09 23 16-0002	EA		6-1/4" x 6-1/8" CO2 Sensor, 0-2,000 ppm (Kele WCO-1B).....	2,115.22	54.94
23 09 23 16-0003	EA		Wall Mounted CO2 Sensor, 0-2,000 ppm With LCD Display (Kele CD-AW-LCD).....	932.29	36.63
23 09 23 16-0004	EA		CO Monitor/Transmitter, 0 To 250 ppm (Kele GMT-CO-S2).....	1,679.19	54.94
			Note: Solid state sensor.		
23 09 23 16-0005	EA		CO2 Transmitter, Duct Mount, No Display, 0-10 Volt DC Out, 24 Volt AC/Volt DC, 0-10 Or 4-20mA, 0-2,000 ppm Range With CD-AD Duct Probe Assembly (CDE CD-AD-LCD; CD-AD).....	905.75	65.93
23 09 23 19 Moisture Instruments (23 09 23)					
23 09 23 19-0001 Relative Humidity Sensors (23 09 23 19)					
23 09 23 19-0002	EA		3% Duct Mounted RH Sensor (Kele HD30K).....	560.03	65.93
23 09 23 19-0003	EA		10K Ohm Thermistor 3% Duct Mounted RH Sensor (Kele HD30K-T3).....	575.61	65.93
23 09 23 19-0004	EA		3% RH Outdoor Air Sensor (Kele HO30K).....	648.94	91.57
23 09 23 19-0005	EA		2% Surface Mounted RH Transmitter (Kele HW20K).....	510.58	36.63
23 09 23 21 Motion Instruments (23 09 23)					
23 09 23 21-0001 Peco Motion Sensors (23 09 23 21)					
23 09 23 21-0002	EA		Ceiling Mount Passive Infrared, 24 Volt, Slave Motion Sensor (Peco SA200-001).....	185.39	25.75
23 09 23 21-0003	EA		Wall/Ceiling Mount Passive Infrared, 24 Volt, Slave Motion Sensor (Peco SB200-001).....	181.67	25.75
23 09 23 21-0004	EA		Wall/Ceiling Passive Infrared, 24 Volt, Master Motion Sensor (Peco SD200-001).....	244.01	25.75

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23 09 23 21-0005	EA	Wall/Ceiling Mount, Passive Infrared, 24 Volt, Master Time Sensor (Peco SD200-002)	216.50	25.75
23 09 23 21-0006	EA	Door Switch Occupancy Sensor (Peco SE200-001)	65.32	25.75
23 09 23 21-0007	EA	Window Switch Occupancy Sensor (Peco SE200-002)	60.20	25.75
23 09 23 21-0008	EA	Power Pack And Controller (Peco SF200-001)	112.91	25.75

23 09 23 23 Pressure Instruments (23 09 23)**23 09 23 23-0001 Pressure Sensors (23 09 23 23)**

23 09 23 23-0002	EA	0 To 0.5" W.C., Differential Pressure Transmitters With NEMA 1 Case (Kele T30-005)	748.63	77.33
23 09 23 23-0003	EA	0 To 5" W.C., Differential Pressure Transmitters With NEMA 1 Case (Kele T30-050)	664.96	77.33
23 09 23 23-0004	EA	0.05 To 12" W.C., Adjustable Differential Pressure Switches (Kele AFS-222)	260.06	77.33
23 09 23 23-0005	EA	0.05 To 2" W.C., Adjustable Differential Pressure Switches (Kele AFS-262)	269.78	77.33
23 09 23 23-0006	EA	0.4 To 2" W.C., Manual Reset Adjustable Differential Pressure Switches (Kele AFS-460)	288.81	77.33
23 09 23 23-0007	EA	0.05 To 12" W.C., 1/8" NPT, Adjustable Differential Pressure Switches (Kele AFS-145)	266.97	77.33
23 09 23 23-0008	EA	0 To 100 psid, Bypass Valve Assembly Option, Water Differential Pressure Transmitter (Kele 360C-P210D-BVA)	2,786.64	77.33
		Note: Excludes pipe fittings.		
23 09 23 23-0009	EA	0 To 60 psid, Bypass Valve Assembly Option, Water Differential Pressure Transmitter (Kele 360C-P160D-BVA)	2,786.64	77.33
		Note: Excludes pipe fittings.		
23 09 23 23-0010	EA	Magnahelic Gauge	715.00	47.27

23 09 23 23-0011 Room Pressure Monitoring (23 09 23 23)

23 09 23 23-0012	EA	Hospital Room Pressure Monitor With Digital Interface Monitor, Through Wall Sensor Transformer And Plenum Rated Cable (TSI 8640-PM)	3,315.28	59.57
23 09 23 23-0013	EA	Hospital Room Pressure Controller With Digital Interface Monitor, Through Wall Sensor Transformer And Plenum Rated Cable (TSI 8630-PC)	5,352.16	59.57
		Note: Excludes dampers and actuators.		
23 09 23 23-0014	EA	Hospital Room Pressure Status Remote Visual Display (TSI 8694-4)	418.19	35.74
23 09 23 23-0015	EA	Hospital Room Pressure Status Remote Negative/Neutral Key Switch (TSI 8694-7)	483.20	35.74

23 09 23 27 Temperature Instruments (23 09 23)**23 09 23 27-0001 Air Temperature Sensors (23 09 23 27)**

23 09 23 27-0002	EA	10K Ohm Thermistor Duct Temperature Sensor (Kele ST-D24)	201.19	65.93
23 09 23 27-0003	EA	10K Ohm Thermistor Duct Temperature Sensor, 1/2" LB Conduit Fitting (Kele ST-D24-XCO)	284.87	65.93
23 09 23 27-0004	EA	10K Ohm Thermistor Duct Temperature Sensor With Greenfield Fitting (Kele ST-D24-XG)	210.82	65.93
23 09 23 27-0005	EA	10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing (Kele ST-D24-XH)	220.69	65.93
23 09 23 27-0006	EA	10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing, 18" Probe (Kele ST-D24-XH-XL18)	223.97	65.93
23 09 23 27-0007	EA	10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing, 6" Probe (Kele ST-D24-XH-XL6)	220.72	65.93
23 09 23 27-0008	EA	10K Ohm Thermistor Duct Temperature Sensor With Non Metallic Handibox Housing (Kele ST-D24-XHP)	222.47	65.93
23 09 23 27-0009	EA	10K Ohm Thermistor Duct Temperature Sensor With 4" Probe (Kele ST-D24-XL4)	239.10	65.93
23 09 23 27-0010	EA	10K Ohm Thermistor Duct Temperature Sensor With Weatherproof Housing (Kele ST-D24-XW)	253.62	65.93
23 09 23 27-0011	EA	10K Ohm Thermistor Outdoor Air Temperature Sensor (Kele ST-O24)	305.85	91.57
23 09 23 27-0012	EA	10K Ohm Thermistor Outdoor Air Temperature Sensor With 25' Lead (Kele ST-O24-XC25)	317.03	91.57
23 09 23 27-0013	EA	Delta Style Surface Mounted 10K Ohm Thermistor Room Temperature Sensor (Kele BA/10K3-R-N-DF)	138.84	36.63
23 09 23 27-0014	EA	Delta Style Surface Mounted AD592 Room Temperature Sensor (Kele BA/592-10K-R)	142.95	36.63
23 09 23 27-0015	EA	Stainless Steel Plate 1K Ohm Room Temperature Sensor (Kele BA/1K8-SP)	132.16	36.63

23 09 23 27-0016 Water Temperature Sensors (23 09 23 27)

23 09 23 27-0017	EA	5" Immersion 20K Ohm Water Temp Sensor (Honeywell C7041D2001)	162.74	70.85
23 09 23 27-0018	EA	Strap-On 20K Ohm Water Temp Sensor (Honeywell C7041K2005)	366.95	70.85

23 09 23 27-0019 Peco Thermostats (23 09 23 27)

23 09 23 27-0020	EA	3 Heating Stage, 2 Cooling Stage Programmable Thermostat With Humidification/Dehumidification Control (Peco T12532-IAQ)	388.12	17.17
23 09 23 27-0021	EA	3 Heating Stage, 2 Cooling Stage Programmable Thermostat (Peco T12532-001)	345.48	17.17

23 09 23 53 Proprietary Control Systems (23 09 23)**23 09 23 53-0001 Johnson Controls (23 09 23 53)****23 09 23 53-0002 Johnson Controls, Labor (23 09 23 53-0001)**

23 09 23 53-0003	HR	Johnson Controls - Programmers/Technician	140.00	
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23 09 23 53-0004 Johnson Controls, Materials (23 09 23 53-0001)

23 09 23 53-0005	EA	APPL&DATA SERV 5 USER NEW (Johnson Controls MS-ADS05U-0)	19,428.23	
		Note: Material Only, Excludes Installation.		
23 09 23 53-0006	EA	CD-R MET APPL&DATA SVR 5 (Johnson Controls MS-ADS05U-6)	9,324.75	
		Note: Material Only, Excludes Installation.		
23 09 23 53-0007	EA	ADS05 SRVR SUBS SRVC 3YR (Johnson Controls MS-ADS05U-SC3)	13,208.91	
		Note: Material Only, Excludes Installation.		
23 09 23 53-0008	EA	ADS05 SVR SUB SRVC 1 YR (Johnson Controls MS-ADS05U-SCS)	4,859.25	
		Note: Material Only, Excludes Installation.		
23 09 23 53-0009	EA	APP&DAT LITE-A SVR,5U,NEW (Johnson Controls MS-ADSLA5U-0)	1,984.15	
		Note: Material Only, Excludes Installation.		
23 09 23 53-0010	EA	APP&DAT LITE-E SVR,5U,NEW (Johnson Controls MS-ADSLA5U-0)	4,827.10	
		Note: Material Only, Excludes Installation.		
23 09 23 53-0011	EA	ADS05 SVR SUB SRVC 1 YR (Johnson Controls MS-ADSONLY-SCS)	2,720.17	
		Note: Material Only, Excludes Installation.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0012	EA		ADVANCED GRAPHIC NEW CD-R (Johnson Controls MS-ADVGRF-0) Note: Material Only, Excludes Installation.	2,510.39	
23 09 23 53-0013	EA		ADVANCED GRAPHICS UPGRADE (Johnson Controls MS-ADVGRF-6)..... Note: Material Only, Excludes Installation.	702.79	
23 09 23 53-0014	EA		ADX10 W/RAP&SQL2008 NEW (Johnson Controls MS-ADX10SQL-0) Note: Material Only, Excludes Installation.	43,266.11	
23 09 23 53-0015	EA		ADX10 W/SQL2008 UPGRADE (Johnson Controls MS-ADX10SQL-6)..... Note: Material Only, Excludes Installation.	33,761.28	
23 09 23 53-0016	EA		ADX10 W/SQL2008 MIGRATION (Johnson Controls MS-ADX10SQL-8) Note: Material Only, Excludes Installation.	30,279.21	
23 09 23 53-0017	EA		EXT APP&DATA SRV 10U NEW (Johnson Controls MS-ADX10U-0)..... Note: Material Only, Excludes Installation.	23,048.27	
23 09 23 53-0018	EA		EXT APP& DATA SRV 10U UP (Johnson Controls MS-ADX10U-6) Note: Material Only, Excludes Installation.	11,067.54	
23 09 23 53-0019	EA		EXT APP&DATA SRV 10U MIG (Johnson Controls MS-ADX10U-8) Note: Material Only, Excludes Installation.	7,835.92	
23 09 23 53-0020	EA		ADX10 SRVR SUBS SRVC 3YR (Johnson Controls MS-ADX10U-SC3) Note: Material Only, Excludes Installation.	15,672.83	
23 09 23 53-0021	EA		ADX10 SVR SUB SRVC 1 YR (Johnson Controls MS-ADX10U-SCS)..... Note: Material Only, Excludes Installation.	5,762.08	
23 09 23 53-0022	EA		ADX25 SVR SUB SRVC 1 YR (Johnson Controls MS-ADX25ONL-SCS)..... Note: Material Only, Excludes Installation.	6,522.96	
23 09 23 53-0023	EA		ADX10 SVR SUB SRVC 1 YR (Johnson Controls MS-ADXONLY-SCS) Note: Material Only, Excludes Installation.	3,226.76	
23 09 23 53-0024	EA		EXT APP&DATA SRV 25U NEW (Johnson Controls MS-ADXSWO-0)..... Note: Material Only, Excludes Installation.	46,592.68	
23 09 23 53-0025	EA		EXT APP&DATA SRV 25U UP (Johnson Controls MS-ADXSWO-6)..... Note: Material Only, Excludes Installation.	22,364.47	
23 09 23 53-0026	EA		EXT APP&DATA SRV 25U MIG (Johnson Controls MS-ADXSWO-8) Note: Material Only, Excludes Installation.	31,691.33	
23 09 23 53-0027	EA		ADX25 SVR SUB SRVC 1 YR (Johnson Controls MS-ADXSWO-SCS)..... Note: Material Only, Excludes Installation.	11,648.17	
23 09 23 53-0028	EA		ADXSWO W/RAP&SQL2008 NEW (Johnson Controls MS-ADXSWOSQL-0) Note: Material Only, Excludes Installation.	66,810.52	
23 09 23 53-0029	EA		ADXSWO W/SQL2008 UPGRADE (Johnson Controls MS-ADXSWOSQL-6)..... Note: Material Only, Excludes Installation.	36,760.01	
23 09 23 53-0030	EA		ADXSWO W/SQL08 MIGRATION (Johnson Controls MS-ADXSWOSQL-8) Note: Material Only, Excludes Installation.	56,094.59	
23 09 23 53-0031	EA		PUSH BAR,DOOR,REX SW,36" (Johnson Controls MSB550-2V)..... Note: Material Only, Excludes Installation.	417.04	
23 09 23 53-0032	EA		TERMINAL MODULE (Johnson Controls MS-BACEOL-0)..... Note: Material Only, Excludes Installation.	84.68	
23 09 23 53-0033	EA		BATTERY 12V FOR NAE/NIE (Johnson Controls MS-BAT1010-0) Note: Material Only, Excludes Installation.	140.42	
23 09 23 53-0034	EA		BATTERY PACK (Johnson Controls MS-BAT1020-0)..... Note: Material Only, Excludes Installation.	62.75	
23 09 23 53-0035	EA		BLUETOOTH MSTP INTERFACE (Johnson Controls MS-BTCVT-1) Note: Material Only, Excludes Installation.	760.36	
23 09 23 53-0036	EA		BLUETOOTH MSTP (Johnson Controls MS-BTCVT-1G) Note: Material Only, Excludes Installation.	816.40	
23 09 23 53-0037	EA		MS-NIE5910-0 METASYS NIE (Johnson Controls MS-CIGCUST-0025) Note: Material Only, Excludes Installation.	21,833.63	
23 09 23 53-0038	EA		CUSTOM CIG - SIEMENS (Johnson Controls MS-CIGCUST-0027)..... Note: Material Only, Excludes Installation.	22,565.01	
23 09 23 53-0039	EA		INTERFACE BUFFER KIT (Johnson Controls MS-CIGCUSTKIT-0)..... Note: Material Only, Excludes Installation.	1,323.18	
23 09 23 53-0040	EA		COPY ADS05 USER (Johnson Controls MS-COPY-ADS05U) Note: Material Only, Excludes Installation.	121.26	
23 09 23 53-0041	EA		COPY ADX10 USER (Johnson Controls MS-COPY-ADX10U) Note: Material Only, Excludes Installation.	121.26	
23 09 23 53-0042	EA		COPY ADXSWO 25 USER (Johnson Controls MS-COPY-ADXSWO)..... Note: Material Only, Excludes Installation.	121.26	
23 09 23 53-0043	EA		COPY EXPORT UTILITY (Johnson Controls MS-COPY-EXPORT)..... Note: Material Only, Excludes Installation.	121.26	
23 09 23 53-0044	EA		COPY SCT (Johnson Controls MS-COPY-SCT) Note: Material Only, Excludes Installation.	121.26	
23 09 23 53-0045	EA		RMT DISPLAY FOR NCE, FEC (Johnson Controls MS-DIS1710-0)..... Note: Material Only, Excludes Installation.	331.92	
23 09 23 53-0046	EA		RMT DISPLAY FOR NCE, FEC (Johnson Controls MS-DIS1710-0G)..... Note: Material Only, Excludes Installation.	329.73	
23 09 23 53-0047	EA		ENERGY ESSENTIALS (Johnson Controls MS-EREPORT-0) Note: Material Only, Excludes Installation.	1,728.04	
23 09 23 53-0048	EA		ENERGY ESSENTIAL UPGRADE (Johnson Controls MS-EREPORT-6) Note: Material Only, Excludes Installation.	121.26	
23 09 23 53-0049	EA		METASYS SYSTEM (Johnson Controls MS-EXPORT-0) Note: Material Only, Excludes Installation.	2,011.52	
23 09 23 53-0050	EA		EXPORT UT UPGRADE S/W (Johnson Controls MS-EXPORT-6)..... Note: Material Only, Excludes Installation.	583.39	
23 09 23 53-0051	EA		FEC1611-0, FEC9, W/O (Johnson Controls MS-FEC1611-0) Note: Material Only, Excludes Installation.	502.40	
23 09 23 53-0052	EA		MS-FEC1611-0G (Johnson Controls MS-FEC1611-0G) Note: Material Only, Excludes Installation.	529.05	
23 09 23 53-0053	EA		FEC1621-0 FINAL ASSEMBLY (Johnson Controls MS-FEC1621-0) Note: Material Only, Excludes Installation.	817.65	
23 09 23 53-0054	EA		FEC2611-0, FEC17 (Johnson Controls MS-FEC2611-0) Note: Material Only, Excludes Installation.	723.48	
23 09 23 53-0055	EA		MS-FEC2611-0G (Johnson Controls MS-FEC2611-0G) Note: Material Only, Excludes Installation.	761.82	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 09 Instrumentation and Control for HVAC

23 09 23 Direct-Digital Control System for HVAC



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 09 23 53-0056	EA	FEC2621-1,FEC 17 (Johnson Controls MS-FEC2621-0) Note: Material Only, Excludes Installation.	1,038.72		
23 09 23 53-0057	EA	MS-FEC2621-0G (Johnson Controls MS-FEC2621-0G) Note: Material Only, Excludes Installation.	1,093.78		
23 09 23 53-0058	EA	CTRL 10 PT,W/ BASE,UL (Johnson Controls MS-FEU1610-0U)..... Note: Material Only, Excludes Installation.	527.29		
23 09 23 53-0059	EA	CTRL 10 PT,W/ BASE,DIS,UL (Johnson Controls MS-FEU1620-0U)..... Note: Material Only, Excludes Installation.	858.12		
23 09 23 53-0060	EA	CTRL 17 PT,W/ BASE,UL (Johnson Controls MS-FEU2610-0U)..... Note: Material Only, Excludes Installation.	759.25		
23 09 23 53-0061	EA	1 PKG OF 10 FUSES (Johnson Controls MS-FUSE01-0)..... Note: Material Only, Excludes Installation.	45.19		
23 09 23 53-0062	EA	MS GGT-0 GRAPHICS (Johnson Controls MS-GGT-0) Note: Material Only, Excludes Installation.	2,536.50		
23 09 23 53-0063	EA	MS-IOM1711-0 FINAL (Johnson Controls MS-IOM1711-0)..... Note: Material Only, Excludes Installation.	324.74		
23 09 23 53-0064	EA	MS-IOM1711-0G (Johnson Controls MS-IOM1711-0G) Note: Material Only, Excludes Installation.	341.95		
23 09 23 53-0065	EA	IO MOD 6PT,UL (Johnson Controls MS-IOM2710-0U) Note: Material Only, Excludes Installation.	445.86		
23 09 23 53-0066	EA	MS-IOM2711-0 FINAL (Johnson Controls MS-IOM2711-0)..... Note: Material Only, Excludes Installation.	405.92		
23 09 23 53-0067	EA	MS-IOM2711-0G (Johnson Controls MS-IOM2711-0G) Note: Material Only, Excludes Installation.	435.34		
23 09 23 53-0068	EA	MS-IOM3711-0,FINAL (Johnson Controls MS-IOM3711-0)..... Note: Material Only, Excludes Installation.	527.69		
23 09 23 53-0069	EA	MS-IOM3711-0G (Johnson Controls MS-IOM3711-0G) Note: Material Only, Excludes Installation.	555.66		
23 09 23 53-0070	EA	IOM4711,IOM 17 POINT,UL (Johnson Controls MS-IOM4711-0) Note: Material Only, Excludes Installation.	565.25		
23 09 23 53-0071	EA	MS-IOM4711-0G (Johnson Controls MS-IOM4711-0G) Note: Material Only, Excludes Installation.	572.74		
23 09 23 53-0072	EA	MS-LCS8520-0 SERVER (Johnson Controls MS-LCS8520-0)..... Note: Material Only, Excludes Installation.	28,341.78		
23 09 23 53-0073	EA	LCS8520 SOFTWARE UPGRADE (Johnson Controls MS-LCS85SW-6) Note: Material Only, Excludes Installation.	6,382.37		
23 09 23 53-0074	EA	LOCAL DISPL.TERMINAL KIT (Johnson Controls MS-LDT1102-0) Note: Material Only, Excludes Installation.	836.05		
23 09 23 53-0075	EA	METASYS INTEGRATOR (Johnson Controls MS-MIG3520-0)..... Note: Material Only, Excludes Installation.	7,823.06		
23 09 23 53-0076	EA	META INTEGR.R9 PERFORM. (Johnson Controls MS-MIGPST-0) Note: Material Only, Excludes Installation.	463.29		
23 09 23 53-0077	EA	METASYS INTEGR.SW-FACT. (Johnson Controls MS-MIGSWO-0)..... Note: Material Only, Excludes Installation.	829.49		
23 09 23 53-0078	EA	SOFTWARE, METASYS INTEGRA (Johnson Controls MS-MIGSWO-1) Note: Material Only, Excludes Installation.	829.49		
23 09 23 53-0079	EA	ENGINE IMAG SUBSC SVC 3YR (Johnson Controls MS-MULTENG-SC3) Note: Material Only, Excludes Installation.	2,618.83		
23 09 23 53-0080	EA	ENGINE IMAGE (Johnson Controls MS-MULTENG-SCS)..... Note: Material Only, Excludes Installation.	992.79		
23 09 23 53-0081	EA	ENGINE IMAGE (Johnson Controls MS-MULTENGSW-6) Note: Material Only, Excludes Installation.	1,805.24		
23 09 23 53-0082	EA	MVE 10 TO 25 USER (Johnson Controls MS-MVE1025U-8) Note: Material Only, Excludes Installation.	17,766.90		
23 09 23 53-0083	EA	MVE 10 USER SW, NEW ORDER (Johnson Controls MS-MVE10U-0)..... Note: Material Only, Excludes Installation.	40,223.92		
23 09 23 53-0084	EA	MVE,UPGRADE,10 (Johnson Controls MS-MVE10U-6) Note: Material Only, Excludes Installation.	11,813.39		
23 09 23 53-0085	EA	MVE 10 USER SW-SUBSCRIPT (Johnson Controls MS-MVE10U-SCS) Note: Material Only, Excludes Installation.	8,045.02		
23 09 23 53-0086	EA	MVE 25 USER SW, NEW ORDER (Johnson Controls MS-MVE25U-0)..... Note: Material Only, Excludes Installation.	57,140.67		
23 09 23 53-0087	EA	MVE,UPGRADE,25 (Johnson Controls MS-MVE25U-6) Note: Material Only, Excludes Installation.	15,501.20		
23 09 23 53-0088	EA	MS-MVE25U-SC3,MVE 25 (Johnson Controls MS-MVE25U-SC3)..... Note: Material Only, Excludes Installation.	34,030.43		
23 09 23 53-0089	EA	MVE 25 USER SW-SUBSCRIPT (Johnson Controls MS-MVE25U-SCS) Note: Material Only, Excludes Installation.	12,067.53		
23 09 23 53-0090	EA	MVE 5 TO 10 USER (Johnson Controls MS-MVE510U-8) Note: Material Only, Excludes Installation.	32,180.07		
23 09 23 53-0091	EA	MVE 5 TO 25 USER (Johnson Controls MS-MVE525U-8) Note: Material Only, Excludes Installation.	49,686.51		
23 09 23 53-0092	EA	MVE 5 USER SW, NEW ORDER (Johnson Controls MS-MVE5U-0) Note: Material Only, Excludes Installation.	7,565.05		
23 09 23 53-0093	EA	MVE,UPGRADE,5 USERS (Johnson Controls MS-MVE5U-6) Note: Material Only, Excludes Installation.	2,221.78		
23 09 23 53-0094	EA	MVE 5 USER SW-SUBSCRIPT (Johnson Controls MS-MVE5U-SCS) Note: Material Only, Excludes Installation.	2,815.76		
23 09 23 53-0095	EA	NAE 1 RS485 50 DEV (Johnson Controls MS-NAE3510-2) Note: Material Only, Excludes Installation.	4,693.06		
23 09 23 53-0096	EA	NAE 50 DEV,N2/MSTP, UL (Johnson Controls MS-NAE3510-2U) Note: Material Only, Excludes Installation.	4,901.13		
23 09 23 53-0097	EA	NAE 1 RS485 50 DEV MODEM (Johnson Controls MS-NAE3511-2) Note: Material Only, Excludes Installation.	4,950.97		
23 09 23 53-0098	EA	NAE 1 RS485 50 DEV BA UI (Johnson Controls MS-NAE3514-2)..... Note: Material Only, Excludes Installation.	3,321.68		
23 09 23 53-0099	EA	NAE 1 RS485 50 DEV BA UI (Johnson Controls MS-NAE3514-2G)..... Note: Material Only, Excludes Installation.	3,388.12		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23	53-0100	EA	NAE 1 RS485 50 DEV MDM BA (Johnson Controls MS-NAE3515-2)..... Note: Material Only, Excludes Installation.	3,577.24	
23 09 23	53-0101	EA	NAE 1 LON (Johnson Controls MS-NAE3520-2)..... Note: Material Only, Excludes Installation.	4,692.94	
23 09 23	53-0102	EA	MS-NAE3520-2G (Johnson Controls MS-NAE3520-2G)..... Note: Material Only, Excludes Installation.	4,927.61	
23 09 23	53-0103	EA	NAE 1 LON MODEM (Johnson Controls MS-NAE3521-2)..... Note: Material Only, Excludes Installation.	5,088.15	
23 09 23	53-0104	EA	NAE 1 LON BA UI (Johnson Controls MS-NAE3524-2)..... Note: Material Only, Excludes Installation.	3,210.97	
23 09 23	53-0105	EA	NAE 1 LON MDM BA UI (Johnson Controls MS-NAE3525-2)..... Note: Material Only, Excludes Installation.	3,460.54	
23 09 23	53-0106	EA	NAE 1 RS485 100 DEV 1=10 (Johnson Controls MS-NAE4510-2)..... Note: Material Only, Excludes Installation.	9,098.18	
23 09 23	53-0107	EA	NAE 100 DEV,N2/MSTP, UL (Johnson Controls MS-NAE4510-2U)..... Note: Material Only, Excludes Installation.	9,501.54	
23 09 23	53-0108	EA	NAE 1 RS485 100 DEV MODEM (Johnson Controls MS-NAE4511-2)..... Note: Material Only, Excludes Installation.	9,490.90	
23 09 23	53-0109	EA	NAE 1 LON (Johnson Controls MS-NAE4520-2)..... Note: Material Only, Excludes Installation.	8,101.52	
23 09 23	53-0110	EA	MS-NAE4521-2 (Johnson Controls MS-NAE4521-2)..... Note: Material Only, Excludes Installation.	8,496.73	
23 09 23	53-0111	EA	NAE 2-N2/MSTP, UL (Johnson Controls MS-NAE5510-1U)..... Note: Material Only, Excludes Installation.	14,370.08	
23 09 23	53-0112	EA	NAE55, 2 RS485 (Johnson Controls MS-NAE5510-2)..... Note: Material Only, Excludes Installation.	13,760.02	
23 09 23	53-0113	EA	NAE55, 2 RS485, BA (Johnson Controls MS-NAE5510-2G)..... Note: Material Only, Excludes Installation.	13,760.02	
23 09 23	53-0114	EA	FIPS 140-2 Hardened NAE5510 w/ Enclosure (Johnson Controls MS-NAE5510-EER)..... Note: Material Only, Excludes Installation.	27,501.40	
23 09 23	53-0115	EA	NAE55, 2 RS485, MODEM (Johnson Controls MS-NAE5511-2)..... Note: Material Only, Excludes Installation.	14,309.98	
23 09 23	53-0116	EA	NAE55, 2 RS485, LON (Johnson Controls MS-NAE5520-2)..... Note: Material Only, Excludes Installation.	15,308.53	
23 09 23	53-0117	EA	NAE55, 2 RS485, LON, MDM (Johnson Controls MS-NAE5521-2)..... Note: Material Only, Excludes Installation.	15,848.29	
23 09 23	53-0118	EA	NCM4500 NT CBL KIT (Johnson Controls MS-NC45NTE-0)..... Note: Material Only, Excludes Installation.	228.48	
23 09 23	53-0119	EA	NCM4500 NT CBL KIT,NORTH (Johnson Controls MS-NC45NTK-0)..... Note: Material Only, Excludes Installation.	175.56	
23 09 23	53-0120	EA	NCE, 33 POINTS, N2 (Johnson Controls MS-NCE2510-0)..... Note: Material Only, Excludes Installation.	2,887.00	
23 09 23	53-0121	EA	NCE, 33 POINTS, N2 (Johnson Controls MS-NCE2510-0G)..... Note: Material Only, Excludes Installation.	2,944.73	
23 09 23	53-0122	EA	NCE, 33 POINTS, N2, MDM (Johnson Controls MS-NCE2511-0)..... Note: Material Only, Excludes Installation.	2,986.57	
23 09 23	53-0123	EA	NCE, 33 PNTS, N2, DISPLY (Johnson Controls MS-NCE2516-0)..... Note: Material Only, Excludes Installation.	3,205.57	
23 09 23	53-0124	EA	NCE, 33 PTS, N2, MDM, DIS (Johnson Controls MS-NCE2517-0)..... Note: Material Only, Excludes Installation.	3,305.12	
23 09 23	53-0125	EA	NCE, 33 PNTS, LON (Johnson Controls MS-NCE2520-0)..... Note: Material Only, Excludes Installation.	2,887.00	
23 09 23	53-0126	EA	NCE, 33 PTS, LON, MDM (Johnson Controls MS-NCE2521-0)..... Note: Material Only, Excludes Installation.	2,986.57	
23 09 23	53-0127	EA	NCE, 33 PNTS, LON, DISPLY (Johnson Controls MS-NCE2526-0)..... Note: Material Only, Excludes Installation.	3,205.57	
23 09 23	53-0128	EA	NCE, 33 PTS LON, MDM, DIS (Johnson Controls MS-NCE2527-0)..... Note: Material Only, Excludes Installation.	3,305.12	
23 09 23	53-0129	EA	NCE, 33 POINTS, MSTP (Johnson Controls MS-NCE2560-0)..... Note: Material Only, Excludes Installation.	2,887.00	
23 09 23	53-0130	EA	NCE, 33 POINTS, MSTP (Johnson Controls MS-NCE2560-0G)..... Note: Material Only, Excludes Installation.	2,944.73	
23 09 23	53-0131	EA	NCE 33 PNTS,MSTP UL 864 (Johnson Controls MS-NCE2560-0U)..... Note: Material Only, Excludes Installation.	2,973.30	
23 09 23	53-0132	EA	NCE, 33 POINTS, MSTP, MDM (Johnson Controls MS-NCE2561-0)..... Note: Material Only, Excludes Installation.	2,986.57	
23 09 23	53-0133	EA	NCE, 33 POINTS, MSTP, MDM (Johnson Controls MS-NCE2561-0G)..... Note: Material Only, Excludes Installation.	3,046.27	
23 09 23	53-0134	EA	NCE, 33 PTS, MSTP, DISPLY (Johnson Controls MS-NCE2566-0)..... Note: Material Only, Excludes Installation.	3,024.13	
23 09 23	53-0135	EA	NCE, 33 PTS, MSTP, DISPLY (Johnson Controls MS-NCE2566-0G)..... Note: Material Only, Excludes Installation.	3,084.61	
23 09 23	53-0136	EA	NCE, 33 PTS, MSTP/MDM/DIS (Johnson Controls MS-NCE2567-0)..... Note: Material Only, Excludes Installation.	3,118.04	
23 09 23	53-0137	EA	NCE, 33 PTS, MSTP/MDM/DIS (Johnson Controls MS-NCE2567-0G)..... Note: Material Only, Excludes Installation.	3,180.39	
23 09 23	53-0138	EA	NCM 1 N2 ETH (Johnson Controls MS-NCM4510-2)..... Note: Material Only, Excludes Installation.	12,461.46	
23 09 23	53-0139	EA	NCM LON ETH (Johnson Controls MS-NCM4520-2)..... Note: Material Only, Excludes Installation.	16,483.42	
23 09 23	53-0140	EA	ETHERNET CARD FOR N30 (Johnson Controls MS-NET1300-0)..... Note: Material Only, Excludes Installation.	626.47	
23 09 23	53-0141	EA	NIE55, N1 (Johnson Controls MS-NIE5510-2)..... Note: Material Only, Excludes Installation.	13,760.02	
23 09 23	53-0142	EA	NIE55, N1, MODEM (Johnson Controls MS-NIE5511-2)..... Note: Material Only, Excludes Installation.	14,299.38	
23 09 23	53-0143	EA	NIE85 10KOBJT. RACKMOUNT (Johnson Controls MS-NIE8500-0)..... Note: Material Only, Excludes Installation.	27,198.85	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 09 Instrumentation and Control for HVAC****23 09 23 Direct-Digital Control System for HVAC**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 09 23 53-0144	EA	NXE8500 S/W NEW (Johnson Controls MS-NXE85SW-0).....	22,271.92	
		Note: Material Only, Excludes Installation.		
23 09 23 53-0145	EA	SOFTWARE UPGRADE (Johnson Controls MS-NXE85SW-6).....	6,237.91	
		Note: Material Only, Excludes Installation.		
23 09 23 53-0146	EA	8500 SW SUB SER (Johnson Controls MS-NXE85SW-SCS).....	4,210.98	
		Note: Material Only, Excludes Installation.		
23 09 23 53-0147	EA	READY ACCESS PORTAL/TYPE (Johnson Controls MS-RAP-0).....	1,913.56	
		Note: Material Only, Excludes Installation.		
23 09 23 53-0148	EA	METASYS SCT SOFTWARE (Johnson Controls MS-SCTSWO-0).....	2,715.69	
		Note: Material Only, Excludes Installation.		
23 09 23 53-0149	EA	MET.SYS.CONF.TOOL CD ROM (Johnson Controls MS-SCTSWO-6).....	1,358.46	
		Note: Material Only, Excludes Installation.		
23 09 23 53-0150	EA	CONNECTOR KIT,NAE (Johnson Controls MS-TBKNAE-0).....	28.90	
		Note: Material Only, Excludes Installation.		
23 09 23 53-0151	EA	MS-THINAPP-0, 10 THIN (Johnson Controls MS-THINAPP-0).....	992.08	
		Note: Material Only, Excludes Installation.		
23 09 23 53-0152	EA	MS-THINSUP-0 (Johnson Controls MS-THINSUP-0).....	330.69	
		Note: Material Only, Excludes Installation.		
23 09 23 53-0153	EA	VAV MSTP,CLG,UL (Johnson Controls MS-VMA1610-0U).....	487.27	
		Note: Material Only, Excludes Installation.		
23 09 23 53-0154	EA	NEXSYS FSC 01, UL (Johnson Controls MS-VMA1620-0U).....	565.69	
		Note: Material Only, Excludes Installation.		
23 09 23 53-0155	EA	MS-VMAACT-700 ACT. ASSY (Johnson Controls MS-VMAACT-700).....	85.88	
		Note: Material Only, Excludes Installation.		
23 09 23 53-0156	EA	WIRELSS FLDBUS COORDINATR (Johnson Controls MS-ZFR1810-0).....	545.69	
		Note: Material Only, Excludes Installation.		
23 09 23 53-0157	EA	ASSEMBLY SUPERVOSORY (Johnson Controls MS-ZFR1810-0G).....	525.42	
		Note: Material Only, Excludes Installation.		
23 09 23 53-0158	EA	WIRELSS FIELDBUS ROUTER (Johnson Controls MS-ZFR1811-0).....	185.19	
		Note: Material Only, Excludes Installation.		
23 09 23 53-0159	EA	WIRELSS FIELDBUS ROUTER (Johnson Controls MS-ZFR1811-0G).....	204.66	
		Note: Material Only, Excludes Installation.		
23 09 23 53-0160	EA	CABLE ACSRY FOR ZFR1811 (Johnson Controls MS-ZFR1811-0).....	27.09	
		Note: Material Only, Excludes Installation.		
23 09 23 53-0161	EA	REPEATR ACSRY FOR ZFR1811 (Johnson Controls MS-ZFR1811-0).....	95.54	
		Note: Material Only, Excludes Installation.		

23 09 23 53-0162 EMCS General Costs (23 09 23 53)**23 09 23 53-0163 EMCS System Design Engineering (23 09 23 53-0162)**

Note: Hourly labor rates are used for engineering projects only. Not used in conjunction with construction tasks.

23 09 23 53-0164	HR	EMCS Site Inspection Of Existing Facilities.....	283.29	
23 09 23 53-0165	HR	EMCS Engineering Project Management.....	283.29	
23 09 23 53-0166	HR	EMCS System Engineering, Schematic Design And Layout.....	300.46	
23 09 23 53-0167	HR	EMCS System Software Programming And Graphics Programming.....	300.46	
23 09 23 53-0168	HR	EMCS Graphics Picture Creation.....	193.21	
23 09 23 53-0169	HR	EMCS System Controls Training.....	283.29	
23 09 23 53-0170	HR	EMCS On Site System Diagnostics Field Technician.....	283.29	
23 09 23 53-0171	HR	EMCS Remote Technical Support Using Phone Or Internet.....	236.13	
23 09 23 53-0172	HR	EMCS Travel Time (All Personnel).....	244.72	

23 09 23 53-0173 Field Tests, Checkout And Commissioning (23 09 23 53-0162)

Note: A point is defined as any transmitter, switch, actuator, sensor or device (starter, VFD, controller, fan, electric coil, actuator, valve, etc.) that is monitored or controlled by the EMCS system. Most devices count as 1 point. Actuators, valves and thermostats count as 2 points.

23 09 23 53-0174	PNT	EMCS Field Test.....	150.29	
		Note: Priced per point.		
23 09 23 53-0175	PNT	EMCS Field Checkout And Startup.....	150.29	
		Note: Priced per point.		
23 09 23 53-0176	PNT	EMCS Field Commissioning.....	150.29	
		Note: Priced per point.		
23 09 23 53-0177	EA	EMCS Field Balance Support.....	128.77	
		Note: Priced per controller.		

23 09 23 53-0178 EMCS System Engineering/Submittal Design And Layout (23 09 23 53-0162)

Note: A point is defined as any transmitter, switch, actuator, sensor or device (starter, VFD, controller, fan, electric coil, actuator, valve, etc.) that is monitored or controlled by the EMCS system. Most devices count as 1 point. Actuators, valves and thermostats count as 2 points.

23 09 23 53-0179	PNT	EMCS System Engineering/Submittal Design And Layout.....	50.13	
		Note: Priced per point.		

23 09 23 53-0180 Alerton Controls (23 09 23 53)

23 09 23 53-0181	EA	50 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-SMALL).....	9,605.73	
23 09 23 53-0182	EA	150 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-MEDIUM).....	12,401.23	
23 09 23 53-0183	EA	Dashboard Option, 150 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-MEDIUM).....	31,709.56	
23 09 23 53-0184	EA	Unlimited Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-LARGE).....	23,734.38	
23 09 23 53-0185	EA	Dashboard Option, Unlimited Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-LARGE).....	61,511.53	
23 09 23 53-0186	EA	Unlimited Devices, SQL Derver Interface, Unlimited WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-ENTERPRISE).....	48,464.98	
23 09 23 53-0187	EA	Dashboard Option, Unlimited Devices, SQL Derver Interface, Unlimited WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-ENTERPRISE).....	74,103.90	
23 09 23 53-0188	EA	Alerton Building Suite Tech License (Alerton ABS-3-TECH).....	2,035.87	
23 09 23 53-0189	EA	Enterprise Edition With SQL Server Support, Envision for BACTalk v2.6 (Alerton ENV-BT-2.6-ENT1).....	27,982.21	
23 09 23 53-0190	EA	Unlimited Controllers, Unlimited Workstation, Envision for BACTalk v2.6 (Alerton ENV-BT-2.6-LRG).....	20,414.18	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0191	EA		150 Controllers, 3 Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-MED)	12,342.48	
23 09 23 53-0192	EA		50 Controllers, 1 Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-SM)	7,544.76	
23 09 23 53-0193	EA		10 Controllers, 1 Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-XS)	2,888.82	
23 09 23 53-0194	EA		1 Ethernet, 1 MS/TP, BACtalk Control Module (Alerton 715000100).....	5,235.21	274.71
23 09 23 53-0195	EA		Foreign Protocol Converter For P1 Systems, BACtalk Control Module (Alerton BCM-FPCS).....	7,743.09	366.28
23 09 23 53-0196	EA		Modbus Gateway, BACtalk Control Module (Alerton BCM-MDBS).....	7,640.67	366.28
23 09 23 53-0197	EA		V.90/56K Modem, BACtalk Control Module (Alerton BCM-MDM).....	2,758.70	274.71
23 09 23 53-0198	EA		1 MS/TP, BACtalk Control Module (Alerton 715000300).....	3,358.94	274.71
23 09 23 53-0199	EA		Power Supply, BACtalk Control Module (Alerton BCM-PWS)	2,574.00	274.71
23 09 23 53-0200	EA		1 TUX Trunk, BACtalk Control Module (Alerton BCM-TUX)	3,221.27	274.71
23 09 23 53-0201	EA		Web Server And Configurator CD, BACtalk Control Module (Alerton BCM-WEB)	7,728.50	274.71
23 09 23 53-0202	EA		BACtalk Field Level Gateway For Modbus (Alerton FLG-MODBUS).....	3,472.59	366.28
23 09 23 53-0203	EA		EXP BACnet Controller (Alerton VLX)	7,654.55	732.55
23 09 23 53-0204	EA		VLX BACnet High Performance Controller (Alerton VLX-PLATINUM).....	8,968.37	732.55
23 09 23 53-0205	EA		Multiple Segment MS/TP Repeater (Alerton MSTP-REP)	1,187.72	81.56
23 09 23 53-0206	EA		4 Inputs, 2 Flow Transducers, 4 Ground-Switching Binary Triac Outputs, Dual-Duct VAV Controller (Alerton VAV-DD)	2,234.02	274.71
23 09 23 53-0207	EA		4 Inputs, 2 Flow Transducers, 3 Binary Triac Outputs, 4 Ground-Switching Binary Triac Outputs, Dual-Duct VAV Controller (Alerton VAV-DD7).....	2,372.54	274.71
23 09 23 53-0208	EA		4 Inputs, 1 Flow Transducers, 3 Hot-Switching Binary Triac Outputs, 2 Ground-Switching Binary Triac Outputs, Single-Duct VAV Controller (Alerton VAV-SD)	1,894.03	274.71
23 09 23 53-0209	EA		4 Universal Inputs, 5 Binary Outputs, 2 Analog Outputs, Single-Duct VAV Controller (Alerton VAV-SD2A).....	2,087.12	274.71
23 09 23 53-0210	EA		5 Universal Inputs, 6 Binary Outputs, Integral Honeywell Actuator, Single-Duct VAV Controller (Alerton VAVIH-SD).....	2,078.72	274.71
23 09 23 53-0211	EA		11 Inputs, 8 Binary Triac Outputs, 8 Analog Outputs, BACtalk Field Controller For Central Plant Systems (Alerton VLC-1188).....	3,186.85	274.71
23 09 23 53-0212	EA		16 Inputs, BACtalk Field Controller (Alerton VLC-1600).....	2,423.75	274.71
23 09 23 53-0213	EA		16 Inputs, 16 Binary Triac Outputs, BACtalk Field Controller (Alerton VLC-16160).....	3,653.10	366.28
23 09 23 53-0214	EA		4 Universal Inputs, 4 Binary Outputs, 4 Analog Outputs, Field Controller (Alerton VLC-444).....	1,609.96	183.14
23 09 23 53-0215	EA		5 Inputs, 5 Binary Outputs, BACtalk Field Controller (Alerton VLC-550)	1,554.54	183.14
23 09 23 53-0216	EA		6 Inputs, 2 Binary Triac Outputs, 3 Isolated Relay Outputs, BACtalk Field Controller (Alerton VLC-651R).....	2,099.70	274.71
23 09 23 53-0217	EA		6 Inputs, 3 Binary Triac Outputs, 3 Isolated Relay Outputs, BACtalk Field Controller (Alerton VLC-660R).....	2,099.70	274.71
23 09 23 53-0218	EA		8 Inputs, 5 Binary Triac Outputs, 3 Analog Outputs, BACtalk Field Controller (Alerton VLC-853).....	2,547.15	274.71
23 09 23 53-0219	EA		16 Universal Inputs, 8 Binary Outputs, 8 Analog Outputs, Field Controller (Alerton VLCA-1688).....	5,123.05	366.28
23 09 23 53-0220	EA		2 Fixed Inputs, 3 Universal Inputs, 6 Binary Outputs, 2 Analog Outputs, VisualLogic Display Controller (Alerton VLD-362).....	2,179.45	274.71
23 09 23 53-0221	EA		Wireless Door Contact Sensor (Alerton AL-OC-DS).....	151.07	10.30
23 09 23 53-0222	EA		One-Speed BACtalk Microset Wall Sensor (Alerton MS-1010-BT).....	248.79	10.30
23 09 23 53-0223	EA		One-Speed BACtalk Microset Wall Sensor With RH Sensor (Alerton MS-1010H-BT).....	645.02	10.30
23 09 23 53-0224	EA		Three-Speed BACtalk Microset Wall Sensor (Alerton MS-1030-BT)	645.02	10.30
23 09 23 53-0225	EA		Three-Speed BACtalk Microset Wall Sensor With RH Sensor (Alerton MS-1030H-BT).....	500.65	10.30
23 09 23 53-0226	EA		BACnet-Compliant Wall Sensor (Alerton TS-1050-BT).....	164.85	10.30
23 09 23 53-0227	EA		Wireless Temperature And Humidity Sensor (Alerton WTS-1000-KIT)	681.13	10.30
23 09 23 53-0228	EA		Wireless Temperature And Humidity Sensor With Temperature Adjustment Knob And Manual Override (Alerton WTS-1050-KIT)	765.09	10.30
23 09 23 53-0229	EA		10 12-Bit Inputs, 12 Binary Triac Outputs Expansion Module (Alerton EXP-10-12-0)	3,178.46	274.71
23 09 23 53-0230	EA		10 12-Bit Inputs, 4 Binary Triac Outputs Expansion Module (Alerton EXP-10-4-8)	3,384.96	274.71
23 09 23 53-0231	EA		22 12-Bit Inputs Expansion Module (Alerton EXP-22-0-0).....	3,207.00	274.71
23 09 23 53-0232	EA		50 Devices, Ascent Compass 1 Software, Small License (Alerton Compass-1-SM)	10,106.89	
23 09 23 53-0233	EA		Global Controller Base Unit (Alerton ACM).....	5,513.43	274.71
23 09 23 53-0234	EA		External Battery Pack For ACM (Alerton ACM-BATT).....	1,197.37	152.80
23 09 23 53-0235	EA		Licenses The ACM For Capacity Of 32 Directly Connected Devices (Alerton ACM032).....	997.08	
23 09 23 53-0236	EA		Microset 4 Wall Sensor (Alerton MS4-THC)	1,139.61	10.30
23 09 23 53-0237			Automated Logic Controls (23 09 23 53)		
23 09 23 53-0238	EA		0 Digital Outputs, 8 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M0100).....	3,595.40	274.71
23 09 23 53-0239	EA		0 Digital Outputs, 32 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M0320).....	7,966.14	824.13
23 09 23 53-0240	EA		2 Digital Outputs, 2 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M220nx).....	2,450.29	274.71
23 09 23 53-0241	EA		4 Digital Outputs, 10 Universal Inputs, 6 Analog Outputs Standalone Control Module (Automated Logic M4106nx).....	5,249.63	366.28
23 09 23 53-0242	EA		8 Digital Outputs, 10 Universal Inputs, 2 Analog Outputs Standalone Control Module (Automated Logic M8102nx).....	5,164.17	366.28
23 09 23 53-0243	EA		16 Digital Outputs, 16 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M16160).....	8,277.39	732.55
23 09 23 53-0244	EA		8 Digital Outputs, 8 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M880nx).....	4,608.71	366.28
23 09 23 53-0245	EA		0 Digital Outputs, 32 Universal Inputs, 0 Analog Outputs Expander Control Module (Automated Logic MX0320).....	4,655.05	274.71
23 09 23 53-0246	EA		16 Digital Outputs, 16 Universal Inputs, 0 Analog Outputs Expander Control Module (Automated Logic MX16160).....	7,764.66	732.55
23 09 23 53-0247	EA		No Display, Interior Wall Mounted, Standalone Controller For Heat Pumps, Fan Coil Units And Other Packaged HVAC Equipment (Automated Logic RC642)	1,822.16	183.14
23 09 23 53-0248	EA		With Display, Interior Wall Mounted, Standalone Controller For Heat Pumps, Fan Coil Units And Other Packaged HVAC Equipment (Automated Logic RC642D).....	1,949.92	183.14
23 09 23 53-0249	EA		3 Digital Outputs, 4 Universal Inputs, 1 Analog Outputs Controller For Pressure Independent VAV Applications (Automated Logic ZN341+)	2,720.95	183.14
23 09 23 53-0250	EA		1 Digital Outputs, 4 Universal Inputs, 1 Analog Outputs Controller For Pressure Independent VAV Applications (Automated Logic ZN141+)	2,624.81	183.14
23 09 23 53-0251	EA		Air Flow Sensor And Damper Actuator Accessory For ZN341V+ Or ZN141V+ (Automated Logic ZASF).....	2,228.10	274.71
23 09 23 53-0252	EA		Unlimited Points, Front End Software For Building Control (Automated Logic WC)	13,941.81	
23 09 23 53-0253	EA		500 Point, Front End Software For Building Control (Automated Logic WC500).....	8,728.99	
23 09 23 53-0254	EA		Enterprise Integration Option, Front End Software For Building Control (Automated Logic WC-ENTERPRISE)	11,597.69	
23 09 23 53-0255			Cypress Envirosystems Controls (23 09 23 53)		
23 09 23 53-0256			Wireless Pneumatic Thermostat (23 09 23 53-0255)		
Note: Wireless pneumatic thermostats, hub and repeaters must be installed by installers certified by the manufacturer.					

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 09 Instrumentation and Control for HVAC

23 09 23 Direct-Digital Control System for HVAC



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 09 23 53-0257	EA Two-Pipe Direct Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T2DP) Note: One for every thermostat to be retrofitted. For >50 To 200, Deduct For >200, Deduct	526.99 -27.18 -54.31	11.45
23 09 23 53-0258	EA Two-Pipe Reverse Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T2RP) Note: One for every thermostat to be retrofitted. For >50 To 200, Deduct For >200, Deduct	526.99 -27.18 -54.31	11.45
23 09 23 53-0259	EA Single-Pipe Direct Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T1DP) Note: One for every thermostat to be retrofitted. For >50 To 200, Deduct For >200, Deduct	526.99 -27.18 -54.31	11.45
23 09 23 53-0260	EA Single-Pipe Indirect Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T1RP) Note: One for every thermostat to be retrofitted. For >50 To 200, Deduct For >200, Deduct	526.99 -27.18 -54.31	11.45
23 09 23 53-0261	EA Two-Pipe Direct Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T2DP-DB) Note: One for every thermostat to be retrofitted. For >50 To 200, Deduct For >200, Deduct	599.80 -31.23 -62.40	11.45
23 09 23 53-0262	EA Two-Pipe Reverse Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T2RP-DB) Note: One for every thermostat to be retrofitted. For >50 To 200, Deduct For >200, Deduct	599.80 -31.23 -62.40	11.45
23 09 23 53-0263	EA Single-Pipe Direct Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1DP-DB) Note: One for every thermostat to be retrofitted. For >50 To 200, Deduct For >200, Deduct	599.80 -31.23 -62.40	11.45
23 09 23 53-0264	EA Single-Pipe Indirect Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T1RP-DB) Note: One for every thermostat to be retrofitted. For >50 To 200, Deduct For >200, Deduct	599.80 -31.23 -62.40	11.45
23 09 23 53-0265	EA Wireless Pneumatic Thermostat Blank Cover (Cypress Envirosystems WPT-800-MCOV) Note: Optional cover. For >50 To 200, Deduct For >200, Deduct	42.67 -1.74 -3.47	11.45
23 09 23 53-0266	EA Green Box Controller (Cypress Envirosystems GBC-830-COM) Note: One unit for up to 100 thermostats. For 2, Deduct For >2, Deduct	4,739.92 -238.08 -475.74	11.45
23 09 23 53-0267	EA WPT USB Hub (Cypress Envirosystems WPT-800-HUSB) Note: One unit for up to 100 thermostats. For 2, Deduct For >2, Deduct	460.30 -24.96 -49.87	11.45
23 09 23 53-0268	EA WPT Repeater (Cypress Envirosystems WPT-800-RWAL) Note: One unit for up to 15 thermostats. For >5 To 10, Deduct For >10, Deduct	798.65 -41.22 -82.37	11.45
23 09 23 53-0269	EA 24 Volt, WPT Repeater (Cypress Envirosystems WPT-800-RWAL24V) Note: One unit for up to 15 thermostats. For >5 To 10, Deduct For >10, Deduct	976.64 -47.94 -95.79	11.45
23 09 23 53-0270	Delta Controls (23 09 23 53)		
23 09 23 53-0271	Software (23 09 23 53-0270) Note: Excludes programming, set-up and commissioning of application.		
23 09 23 53-0272	EA Orca Software Unlimited Points License (Delta Controls DOW333-USB).....	2,389.99	
23 09 23 53-0273	EA Orca Graphics Module, Delta Controls Orca View With Graphics Creation Capabilities (Delta Controls DOW333-L-USB).....	4,066.20	
23 09 23 53-0274	EA Orca Historical Module, Delta Controls Historian Package With Unlimited Archiving Trend Logs (Delta Controls DHS330-HL-USB).....	8,810.10	
23 09 23 53-0275	EA Web Server Unlimited Points License, Delta Controls Web Server Front End (Delta Controls DWS330-L-USB).....	13,910.89	
23 09 23 53-0276	EA Web Server Limited Points (Maximum I/O 2500) License, Delta Controls Web Server Front End (Delta Controls DWS330-M-USB).....	7,133.89	
23 09 23 53-0277	EA Web Server Limited Points (Maximum I/O 250) License, Delta Controls Web Server Front End (Delta Controls DWS330-S-USB).....	2,389.99	
23 09 23 53-0278	EA 100 User Energy Portal, Data Collection Controller, Web PC Server Program License (Delta Controls EP-2.01).....	5,778.49	
23 09 23 53-0279	EA 1,000 User Energy Portal, Data Collection Controller, Web PC Server Program License (Delta Controls EP-2.02).....	7,133.89	
23 09 23 53-0280	EA KW Meter With H8163-2400-4-3 Series, With 3, 2,400 Amperes CT's And BACnet MS/TP Interface (Delta Controls H8186-CB).....	2,504.49	114.47
23 09 23 53-0281	EA Delta Controls Touch Screen (Delta Controls DHMI-7-I).....	2,756.59	
23 09 23 53-0282	EMCS Central Equipment And Controllers (23 09 23 53-0270)		
23 09 23 53-0283	EA Fully Programmable, Native BACnet Building Controller (Delta Controls DSC-1616E + DFM1616) Note: Includes 32 Universal Inputs/32 Analog Or Binary Outputs HOA's, Twisted-Pair Ethernet Port, BACnet IP, BACnet Over Ethernet, Main LAN RS-485 BACnet MS/TP (Maximum Of 99 Devices), SubLAN (Net2) BACnet MS/TP (Maximum 99 Devices) Or Delta LINKnet At 76,800 BPS, Serial RS-232 BACnet PTP, Real-Time Clock With Lithium Battery And SRAM Backup	8,518.49	457.84
23 09 23 53-0284	EA Fully Programmable, Native BACnet Building Controller, 16 Universal Inputs/16 Analog Or Binary Outputs HOA'S, Twisted-Pair Ethernet Port, BACnet IP, BACnet Over Ethernet, Main LAN RS-485 BACnet MS/TP (Maximum Of 99 Devices), Sublan (Net2) BACnet MS/TP (Maximum 99 Devices) Or Delta LINKnet At 76,800 BPS (Maximum 12 Devices On LINKnet, With 2 DFM Devices) Serial RS-232 BACnet PTP, Real-Time Clock With Lithium Battery And SRAM Backup (Delta Controls DSC-1616E).....	6,349.85	457.84

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0285 EA Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 4 Analog Output Or 6 Binary (Triac) Outputs (Delta Controls DAC-1146).....	4,543.78	457.84
23 09 23 53-0286 EA Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 8 Analog Or Binary Outputs (Delta Controls DAC-1180).....	4,543.78	457.84
23 09 23 53-0287 EA Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 4 Analog Output Or 6 Binary (Triac) Outputs (Delta Controls DAC-1146).....	4,543.78	457.84
23 09 23 53-0288 EA Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 6 Universal Inputs, 3 Binary (Triac) Outputs And 3 Analog Outputs (Delta Controls DAC-633 R3).....	4,213.50	457.84
23 09 23 53-0289 EA VAV Controllers Are Native BACnet Application Controllers That Are Fully Programmable, Communicate On A RS-485 LAN Using The MS/TP BACnet Protocol, 3 Universal Inputs, 4 Binary Outputs, Actuator Position Feedback, Supports 4 BACstat Network Sensors On LINKnet For Room Sensing And Control Or 2 Delta Field Modules On LINKnet For I/O Expansion (Delta Controls DVC-304AF).....	1,515.45	228.92
23 09 23 53-0290 EA Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 4 Binary Triac Outputs (24 Volt AC), 3 Binary Relay Outputs For Fan Speed Control, 240 Volt AC, 1 HP (60 LRA/10 FLA) LED Status Indication Of Each Output (Delta Controls DFC-304R3-240).....	1,369.75	228.92
23 09 23 53-0291 EA Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 6 Universal Inputs, 3 Binary (Triac) Outputs And 3 Analog Outputs (Delta Controls DAC-633 R3).....	1,466.42	228.92
23 09 23 53-0292 EA Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 4 Binary Triac Outputs (24 Volt AC), 3 Binary Relay Outputs For Fan Speed Control, 240 Volt AC, 1 HP (60 LRA/10 FLA) LED Status Indication Of Each Output (Delta Controls DFC-304R3-240).....	1,369.75	228.92
23 09 23 53-0293 EA Remotely Expandable I/O To Delta's BACnet Controllers, 16 Universal Inputs, 16 Analog Outputs (Delta Controls DFM-1616).....	3,313.26	286.15
23 09 23 53-0294 EA Remotely Expandable I/O To Delta's BACnet Controllers, 4 Universal Inputs, 4 Analog Outputs (Delta Controls DFM-440).....	813.12	114.47
23 09 23 53-0295 EA Remotely Expandable I/O To Delta's BACnet™ Controllers, 4 Universal Inputs, 4 Binary Triac Outputs (Delta Controls DFM-404).....	874.56	114.47
23 09 23 53-0296 EA Remotely Expandable I/O To Delta's BACnet™ Controllers, 16 Universal Inputs (Delta Controls DFM-1600).....	1,033.88	114.47
23 09 23 53-0297 Network, VAV And Special Sensors (23 09 23 53-0270)		
23 09 23 53-0298 EA BACnet MS/TP VAV Network Room Temperature Sensor With LCD Display (Delta Controls DNS-24).....	274.45	36.63
23 09 23 53-0299 EA BACnet MS/TP VAV Network Temperature And Humidity Sensor With LCD Display (Delta Controls DNS-H24).....	374.10	41.21
23 09 23 53-0300 EA Programmable BACnet MS/TP Thermostat With 8 Button Keypad And LCD Display For DX Unit, Fan Coils And RTU (Delta Controls DAC-T305-G2B).....	744.87	17.17
23 09 23 53-0301 Honeywell Controls (23 09 23 53)		
23 09 23 53-0302 EMCS Central Equipment And Controllers (23 09 23 53-0301)		
23 09 23 53-0303 EMCS Network Area Controllers (BACnet Or Lon) (23 09 23 53-0302)		
Note: Includes loading software, software license, loading data base and mounting on wall.		
23 09 23 53-0304 EA Network Area Java Controller Supporting 126 Devices (Honeywell WC2003B2004).....	11,925.47	558.00
Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 minimum RS-232 serial ports, 1 minimum RS-485 electrically isolated ports, 1 LonWorks port (supports 126 devices), and web user interface software.		
23 09 23 53-0305 EA Network Area Java Controller Supporting 27 Devices (Honeywell WC2003B1022).....	8,051.24	558.00
Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-232 port, 1 LonWorks port with driver, Lon tunnel service, BACnet driver, wind river VxWorks OS with Jeode java virtual machine, Niagara control engine and web user interface software (supports 27 device).		
23 09 23 53-0306 EA Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201).....	6,087.22	558.00
Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, 1 RS-232 serial port, 1 RS-485 serial port, NDIO port, 2 communication card option slots, BACnet IP Client, and BACnet MS/TP. Supports up to 10 devices.		
23 09 23 53-0307 EA Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-EZ).....	7,650.12	558.00
Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, 1 RS-232 serial port, 1 RS-485 serial port, NDIO port, 2 communication card option slots, BACnet IP Client, and BACnet MS/TP. Includes WEB user interface and Enterprise connectivity pack.		
23 09 23 53-0308 EA Niagara Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-LN).....	6,033.41	558.00
Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, factory installed LON card, NDIO port and MODBus TCP driver. Excludes RS232 and RS485 communications. Includes Niagara network ethernet communication between stations.		
23 09 23 53-0309 EA Web UI Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-LU).....	6,033.41	558.00
Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, factory installed LON card, NDIO port and MODBus TCP driver. Excludes RS232 and RS485.		
23 09 23 53-0310 EA 16 Point BACnet IP Network Area Java Controller (Honeywell WEB-216-B).....	6,573.95	558.00
Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.		
23 09 23 53-0311 EA 16 Point Web UI And BACnet IP Network Area Java Controller (Honeywell WEB-216-BU).....	7,141.38	558.00
Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.		
23 09 23 53-0312 EA 16 Point Niagara Network Area Java Controller (Honeywell WEB-216-N).....	6,573.95	558.00
Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.		
23 09 23 53-0313 EA 16 Point Web UI And Niagara Network Area Java Controller (Honeywell WEB-216-NU).....	7,141.38	558.00
Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.		

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 09 Instrumentation and Control for HVAC****23 09 23 Direct-Digital Control System for HVAC**
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23 09 23 53-0314	EA	34 Point BACnet IP Network Area Java Controller (Honeywell WEB-234-B).....	7,146.28	558.00
		Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.		
23 09 23 53-0315	EA	34 Point Web UI and BACnet IP Network Area Java Controller (Honeywell WEB-234-BU).....	7,713.71	558.00
		Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this.		
23 09 23 53-0316	EA	34 Point Niagara Network Area Java Controller (Honeywell WEB-216-N).....	7,146.28	558.00
		Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.		
23 09 23 53-0317	EA	34 Point Web UI and Niagara Network Area Java Controller (Honeywell WEB-216-NU).....	7,713.71	558.00
		Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this.		
23 09 23 53-0318	EA	Network Area Java Controller Supporting 27 Devices (Controller Only) (Honeywell WEB-403-AX).....	7,623.22	558.00
		Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service.		
23 09 23 53-0319	EA	Unrestricted Network Area Java Controller Supporting 27 Devices (Controller Only).....	9,518.75	558.00
		Note: Unrestricted limit on connected devices. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service. Honeywell WEB-403-EXP-AX. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.		
23 09 23 53-0320	EA	Easy Pack Network Area Java Controller Supporting 27 Devices (Honeywell WEB-403-EZ).....	10,103.31	558.00
		Note: Includes controller plus User Interface Station Pack and Enterprise Connectivity Station Pack bundled as an "easy-order" bundle. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service.		
23 09 23 53-0321	EA	Expanded Easy Pack Network Area Java Controller Supporting 27 Devices (Honeywell WEB-403-EXP-EZ).....	11,998.84	558.00
		Note: Unrestricted limit on connected devices. Includes controller plus User Interface Station Pack and Enterprise Connectivity Station Pack bundled as an "easy-order" bundle. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.		
23 09 23 53-0322	EA	Network Area Java Controller Supporting 124 Devices (Controller Only) (Honeywell WEB-545-AX).....	10,130.21	558.00
		Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 4 RS-485 port, 2 RS-232 port, 1 LonWorks port. As with other WEBs controllers, capacity is limited by the characteristics of the application. Unit is supplied with a steel, wall mountable enclosure, and 120 volt power supply. Excludes UI service and Enterprise connectivity service.		
23 09 23 53-0323	EA	Easy Pack Network Area Java Controller Supporting 124 Devices (Honeywell WEB-545-EZ).....	13,742.73	558.00
		Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 4 RS-485 port, 2 RS-232 port, 1 LonWorks port. As with other JACEs, capacity is limited by the characteristics of the application. Unit is supplied with a steel, wall mountable enclosure, and 120 volt power supply. Includes WEB-545-AX plus User Interface Station Pack (UI-SP-5XX) and Enterprise Connectivity Station Pack (EC-SP-5XX) bundled as an "easy-order" bundle.		
23 09 23 53-0324	EMCS Network Interfaces (23 09 23 53-0302)			
		Note: Includes installation, start-up and tech labor.		
23 09 23 53-0325	EA	Serial LonTalk Adapter For LonWorks Bus And A PC (Honeywell Q7760A2001).....	1,740.46	154.52
		Note: For desktop computer.		
23 09 23 53-0326	EA	Serial LonTalk Card For LonWorks Bus And A PC (Honeywell Q7752B2009).....	1,477.53	103.02
		Note: For laptop computer.		
23 09 23 53-0327	EA	FTT-10 To FTT-10 Router (Honeywell Q7751A2010).....	1,881.45	193.21
23 09 23 53-0328	EA	4FTT-10 To TP/FTT-1250 Multi Port Router (Honeywell Q7751J2002).....	2,897.71	279.06
23 09 23 53-0329	EA	Two Way Lon Repeater (Honeywell Q7740A1008).....	1,481.56	279.06
23 09 23 53-0330	EA	FTT Termination Module For Network Bus (Honeywell 209541B).....	104.80	34.34
23 09 23 53-0331	DDC Application Specific Controller Assemblies (23 09 23 53-0302)			
		Note: Includes submittal generation, installation, field test, checkout and start-up. Includes control enclosure, transformer, terminal strip and ancillary devices. (For example, fan coil unit include valves, actuators with controller and thermostat; VAVs include controller, thermostat and hot water valve if VAV has reheat coil). Excludes graphics and database generation. Excludes discharge air sensor.		
23 09 23 53-0332	EA	Up To 10 Factory Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies.....	2,730.41	631.00
23 09 23 53-0333	EA	>10 Factory Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies.....	2,301.18	373.46
23 09 23 53-0334	EA	Up To 10 Field Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies.....	2,910.69	739.17
23 09 23 53-0335	EA	>10 Field Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies.....	2,481.46	481.63
23 09 23 53-0336	EA	Up To 10 Factory Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies.....	3,222.25	772.69
23 09 23 53-0337	EA	>10 Factory Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies.....	2,900.27	578.95
23 09 23 53-0338	EA	Up To 10 Field Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies.....	3,415.38	888.58
23 09 23 53-0339	EA	>10 Field Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies.....	3,067.61	680.02
23 09 23 53-0340	EA	Up To 10 Factory Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies.....	2,408.01	630.91
23 09 23 53-0341	EA	>10 Factory Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies.....	1,978.78	373.46
23 09 23 53-0342	EA	Up To 10 Field Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies.....	2,644.15	772.69
23 09 23 53-0343	EA	>10 Field Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies.....	2,214.81	515.08
23 09 23 53-0344	EA	Up To 10 Factory Installed Application Specific Fan Coil Unit Controller Assemblies.....	3,238.98	641.30
23 09 23 53-0345	EA	>10 Factory Installed Application Specific Fan Coil Unit Controller Assemblies.....	2,801.17	524.23
23 09 23 53-0346	EA	Up To 10 Field Installed Application Specific Fan Coil Unit Controller Assemblies.....	3,475.11	888.57
23 09 23 53-0347	EA	>10 Field Installed Application Specific Fan Coil Unit Controller Assemblies.....	3,037.18	590.62
23 09 23 53-0348	EA	Up To 10 Factory Installed Application Specific Unit Ventilator Controller Assemblies.....	4,112.29	888.57
23 09 23 53-0349	EA	>10 Factory Installed Application Specific Unit Ventilator Controller Assemblies.....	3,721.75	567.73
23 09 23 53-0350	EA	Up To 10 Field Installed Application Specific Unit Ventilator Controller Assemblies.....	4,584.57	888.57
23 09 23 53-0351	EA	>10 Field Installed Application Specific Unit Ventilator Controller Assemblies.....	4,193.91	665.02

MINOR	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 09 23 53-0352

DDC Programmable Controller Assemblies (23 09 23 53-0302)

Note: Includes installation, field test, checkout and start-up. Includes control enclosure, transformer and terminal strip only. Excludes ancillary devices. Excludes submittal generation/system engineering and database generation. See CSI section 23 09 23 53-0359 for additional components.

23 09 23 53-0353	EA 3 AO, 6 UI, 8 DO And 4 DI Small Programmable Controller Assemblies.....	2,761.21	682.54
23 09 23 53-0354	EA Oversized Enclosure 3 AO, 6 UI, 8 DO And 4 DI Small Programmable Controller Assemblies.....	3,224.96	682.54
23 09 23 53-0355	EA 6 AO, 8 AI, 8 DO And 8 DI Medium Programmable Controller Assemblies.....	4,348.94	802.72
23 09 23 53-0356	EA Oversized Enclosure 6 AO, 8 AI, 8 DO And 8 DI Medium Programmable Controller Assemblies.....	4,812.69	802.72
23 09 23 53-0357	EA 10 AO, 16 AI, 16 DO And 16 DI Large Programmable Controller Assemblies.....	7,997.75	940.08
23 09 23 53-0358	EA Oversized Enclosure 10 AO, 16 AI, 16 DO And 16 DI Large Programmable Controller Assemblies.....	8,533.84	940.08

23 09 23 53-0359

EMCS Optional DDC Controller Hardware (23 09 23 53-0302)

Note: Used to expand the capacity of DDC programmable controller assemblies.

23 09 23 53-0360	EA 6 DO (Repay), 3 AI, 3 DI AHU Controller (Honeywell W7750A2005).....	557.65	
	Note: For constant volume single zone and heat pump AHUs.		
23 09 23 53-0361	EA 6 AI, 5 DI, 8 DO (Triac) AHU Controller (Honeywell W7750B2011).....	644.48	
	Note: For constant volume single zone and heat pump AHUs.		
23 09 23 53-0362	EA 3 AO, 6 AI, 5 DI, 5 DO (Triac) AHU Controller (Honeywell W7750C2001).....	675.05	
	Note: For constant volume single zone and heat pump AHUs.		
23 09 23 53-0363	EA VAV Controller Compatible Printed Wiring Board (Honeywell W7751B2010).....	637.14	
23 09 23 53-0364	EA VAV Controller With Internally Wired Subbase (Honeywell W7751D2016).....	646.93	
23 09 23 53-0365	EA VAV Controller With Externally Wired Subbase (Honeywell W7751F2011).....	632.25	
23 09 23 53-0366	EA VAV Controller With Premounted ML6161 Actuator (Honeywell W7751H2025).....	544.20	
23 09 23 53-0367	EA VAV Controller With Premounted ML6161 Actuator (Honeywell W7751J2004).....	473.27	
23 09 23 53-0368	EA Fan Coil Unit Controller With Electric Reheat Relay (Honeywell W7752F2002).....	693.40	
23 09 23 53-0369	EA Fan Coil Unit Controller Without Electric Reheat Relay (Honeywell W7752G2000).....	620.02	
23 09 23 53-0370	EA Unit Ventilator Controller With Heating, Cooling, Actuator And Fan Control (Honeywell W7753A2002).....	684.84	
23 09 23 53-0371	EA Building Manager, Monitor And Control HVAC Equipment (Honeywell W7760A2011).....	1,454.06	
23 09 23 53-0372	EA Plant Controller, Monitor And Control HVAC Equipment (Honeywell W7760C2017).....	1,808.71	
23 09 23 53-0373	EA Remote IO Device For Ancillary Point Monitoring And Control (Honeywell W7761A2002).....	903.74	
23 09 23 53-0374	EA Remote IO, UUKL-UL 864 Approved (Honeywell W7761A2010).....	890.29	
23 09 23 53-0375	EA Hydronic Controller Without Wall Module (Honeywell W7762B1027).....	436.58	
23 09 23 53-0376	EA Hydronic Controller With Built-in Wall Module (Honeywell W7763C1016).....	496.51	
23 09 23 53-0377	EA IO Module, 24 Volt AC Without Overrides (Honeywell XFC3A06001).....	917.19	
23 09 23 53-0378	EA IO Module, 24 Volt AC With Overrides (Honeywell XFC3D06001).....	980.79	
23 09 23 53-0379	EA AI Module (Honeywell XFL521B).....	613.91	
23 09 23 53-0380	EA AO Module (Honeywell XFL522B).....	613.91	
23 09 23 53-0381	EA DI Module (Honeywell XFL523B).....	613.91	
23 09 23 53-0382	EA DO Module (Honeywell XFL524B).....	613.91	
23 09 23 53-0383	EA Distributed IO, Lonwork Bus Connector Module With Endplate (Honeywell XSL511).....	108.84	
23 09 23 53-0384	EA Distributed IO, Terminal Block For AI, AO And DI Modules (Honeywell XSL513).....	205.45	
23 09 23 53-0385	EA Distributed IO, Terminal Block For DO Modules (Honeywell XSL514).....	201.78	
23 09 23 53-0386	EA Lon Analog IO Module, 24 Volt AC/DC, 10 Digital Inputs (Honeywell XIO-10DI).....	617.58	
23 09 23 53-0387	EA Lon Hub (Honeywell XIO-HUB).....	91.72	
23 09 23 53-0388	EA Lon Analog IO, 24 Volt AC/DC, 4 Analog Outputs (Honeywell XIO-4AO).....	617.58	
23 09 23 53-0389	EA Lon Digital IO, 24 Volt AC/DC, 4 Digital Inputs (Honeywell XIO-4DI).....	568.66	
23 09 23 53-0390	EA Lon Digital IO, 24 Volt AC/DC, 4 Digital Outputs (Honeywell XIO-4DO).....	568.66	
23 09 23 53-0391	EA Lon Analog IO, 24 Volt AC/DC, 4 Analog Inputs (Honeywell XIO-4NTC).....	599.23	
23 09 23 53-0392	EA Lon Analog IO, 24 Volt AC/DC, 4 Analog PT1000 Inputs (Honeywell XIO-4PT1000).....	599.23	
23 09 23 53-0393	EA Lon Analog IO, 24 Volt AC/DC, 8 Analog Inputs (Honeywell XIO-8AI).....	862.16	
23 09 23 53-0394	EA 16 Point IO Module For Network Area Controllers (Honeywell WEB-IO-16).....	1,017.47	
	Note: Includes 8 universal inputs, 4 relay outputs, and 4 analog outputs.		
23 09 23 53-0395	EA 34 Point IO Module For Network Area Controllers (Honeywell W7750A2005).....	2,162.13	
	Note: Includes 16 universal inputs, 10 relay outputs, and 8 analog outputs.		

23 09 23 53-0396

EMCS Software (23 09 23 53-0301)

23 09 23 53-0397

Software Packages And License (23 09 23 53-0396)

Note: Includes installation on equipment.

23 09 23 53-0398	EA On Board Programming Tool For Network Area Controllers (Honeywell WP-AX-WEB).....	689.73	
	Note: Requires UI services to be installed on NAC.		
23 09 23 53-0399	EA Software Upgrade To Provide Unrestricted Connected Device Limit (Honeywell WEB-403-EXUP-AX).....	2,602.62	
	Note: Upgrade existing network area controller. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.		
23 09 23 53-0400	EA WEBStation-AX Software For Windows (Honeywell WEB-S-AX).....	7,704.43	
	Note: Includes Archon database. WEBs controllers must have Enterprise Connectivity Station Pack (EC-SP). Includes one copy of WP-AX (WEBPro-AX).		
23 09 23 53-0401	EA Small Building WEBStation-AX Based Software (Honeywell WEB-S-AX-SBS).....	4,585.97	
	Note: For up to 3 NAC controllers. NAC controllers must have Enterprise Connectivity Station Pack (EC-SP). Includes Archon database.		
23 09 23 53-0402	EA Upgrade Small Building To Large Building Software.....	5,170.76	
	Note: Upgrade WEB-S-AX-SBS to WEB-S-AX.		
23 09 23 53-0403	EA Additional Copy Of WEBPro-AX (Honeywell WEB-S-AX-W).....	3,605.66	
	Note: One copy is included with WEB-S-AX and WEBStation-AX.		
23 09 23 53-0404	EA WEBs Energy Suite (WES) Base Software (Honeywell WES-BASE-AX).....	6,473.42	
	Note: Includes license for 10 points of E ² Profiler and 2 licensed meters of Cost Profiler. Limit of one WES-BASE per WEBStation-AX Supervisor. Additional E ² Profiler point requirements or Cost Profiler meter requirements may use one or any combination of point/meter bundles. One WES-BASE required per WES project.		
23 09 23 53-0405	EA Perpetual License One Meter Point Bundle Of A Cost Profiler Meter And Two E ² Profiler Points (Honeywell WES-CP-AX).....	792.93	
	Note: Can be combined with the required single instance of WES-BASE as well as with any combination of other EP points and CP meters.		
23 09 23 53-0406	EA Perpetual License For One Point Of E ² Profiler (Honeywell WES-E2-AX).....	505.55	
	Note: Can be combined with the required single instance of WES-BASE as well as with any number of other EP Points and Cost Profiler meters.		

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 09 Instrumentation and Control for HVAC****23 09 23 Direct-Digital Control System for HVAC**
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23 09 23 53-0407	EA	Perpetual License For An Unlimited Bundle Of E2 Points And CP Meters Note: Sold on a per server basis. Purchase of this product must be accompanied by VES-M1-ENT-AX maintenance. The first year price of maintenance is included with VES-ENT-AX.	35,339.34	
23 09 23 53-0408	EA	Annual Maintenance For Enterprise WEBS-AX Energy Suite (Honeywell WES-M1-ENT-AX)..... Note: The first year cost of VES-M1-ENT-AX is included with VES-ENT-AX. After the first year VES-M1-ENT-AX maintenance fee will be invoiced annually.	32,225.28	
23 09 23 53-0409	EA	Standard WEBStation-AX Supervisor Bundled With WES-BASE-AX (Honeywell WES-S-AX)	12,285.50	
23 09 23 53-0410	EA	Small WEBStation-AX Supervisor Bundled With WES-BASE-AX (Honeywell WES-S-AX-SBS).....	9,167.05	
23 09 23 53-0411	EA	Add 500 Modbus TCP Points To WEBStation With WS-OSD Option (Honeywell WS-MTCP-500).....	2,650.08	
23 09 23 53-0412	EA	Add 500 OPC Points To WEBStation With WS-OSD Option (Honeywell WS-OPC-500)	2,650.08	
23 09 23 53-0413	EA	Vykon Oracle Driver For Support Of Oracle Database (Honeywell WS-ORCL)..... Note: Excludes Oracle.	18,343.88	
23 09 23 53-0414	EA	Open System Driver Option (Honeywell WS-SNMP-500)..... Note: Adds 25 points each of BACnet IP, OPC (client), Modbus TCP and SNMP to a standard WEBStation. Can be purchase with the WS or added later. Web Supervisor required to purchase this option.	2,445.85	
23 09 23 53-0415	EA	Add 500 SNMP Points To WEBStation With WS-OSD Option (Honeywell WS-SNMP-500).....	2,650.08	
23 09 23 53-0416	EA	WEBStation Software WS-1 And First Copy Of WEBPro Software (Honeywell ZW2000A1003)..... Note: For a single Honeywell WEB NP controller. Excludes software keys for the additional nodes.	6,930.32	
23 09 23 53-0417	EA	WEBStation Additional Node (Honeywell ZW2000B1002).....	2,650.08	
23 09 23 53-0418	EA	WEBStation Software And 20 Pack Of Node Software Keys (Honeywell ZW2000C1001).....	44,433.76	
23 09 23 53-0419	EA	WEBStation Software And 50 Pack Of Node Software Keys (Honeywell ZW2000D1000).....	81,528.74	
23 09 23 53-0420	EA	WEBStation Software And 100 Pack Of Node Software Keys (Honeywell ZW2000E1009).....	142,674.99	
23 09 23 53-0421	EA	Master WEBStation Software For Monitoring Multiple WEBStations (Honeywell ZW2000F1008).....	7,337.55	
23 09 23 53-0422	EA	Additional Master WEBStation Software Licenses (Honeywell ZW200G1007).....	3,668.78	
23 09 23 53-0423	EA	Additional Copies Of Workplace Pro WP-1 (Web Pro) (Honeywell ZW2001A1001).....	2,852.34	
23 09 23 53-0424	EA	Upgrade Existing NAC To Provide Unrestricted Connected Device Limit (Honeywell WC2003B1055)..... Note: As with other WEBS, capacity is limited by the characteristics of the application including size and complexity.	3,152.93	

23 09 23 53-0425 Initial Database Generation (23 09 23 53-0396)

23 09 23 53-0426	PNT	Database Generation For Central Plant.....	76.80	
23 09 23 53-0427	PNT	Database Generation For Programmable Controller	76.80	
23 09 23 53-0428	EA	Database Generation For Application Specific Controller	76.80	
		Note: Price per each VAV box, fan coil unit, unit ventilator or small CV AHU. Task used for the first piece of each equipment.		
23 09 23 53-0429	EA	Replication Of Database Generation For Application Specific Controller.....	53.46	
		Note: Price per copy made.		
23 09 23 53-0430	EA	Database Generation For Remote IO Modules, Sensors, Etcetera	53.46	

23 09 23 53-0431 Application Software Programs (23 09 23 53-0396)

23 09 23 53-0432	EA	Basic Application Program Package..... Note: One per project. Includes program inputs, command priorities, alarms, trends for analog and digital points, energy totalization, schedules, calendars, special events, occupied and unoccupied setpoints, ventilation and recirculation modes, hot water reset program, chilled water reset program, condenser water reset program, and fail-over logic.	3,204.92	
23 09 23 53-0433	EA	Optimum Start/Stop Program..... Note: Priced per controller requiring optimum start programming.	107.14	
23 09 23 53-0434	EA	Duty Cycling Program.....	50.60	
23 09 23 53-0435	EA	Hot Deck/Cold Deck Reset Application Program	5,505.93	
23 09 23 53-0436	EA	Boiler Optimization Program	7,215.17	
23 09 23 53-0437	EA	Chiller Optimization Program	9,773.69	
23 09 23 53-0438	EA	Lighting Control Program	4,716.41	
23 09 23 53-0439	EA	Demand Limiting Program	93.97	
		Note: Priced per controller requiring optimum start programming.		
23 09 23 53-0440	EA	Email Alarm Server Configuration.....	3,638.50	

23 09 23 53-0441 Color Graphics Generation (23 09 23 53-0396)

Note: Priced per page.

23 09 23 53-0442	EA	Single Site Home Page Graphics Page With HTML Navigation Code	1,920.45	
23 09 23 53-0443	EA	Multi Site Home Page Graphics Page With HTML Navigation Code	3,409.68	
23 09 23 53-0444	EA	Color Graphics Page For Central Plant.....	872.54	
23 09 23 53-0445	EA	Color Graphics Page For Building Floor Plan	805.70	
23 09 23 53-0446	EA	Replication Of Color Graphics Page For Central Plant.....	437.70	
23 09 23 53-0447	EA	Color Graphics Page For Programmable Controller	981.62	
		Note: For VAV AHU, large CV AHU, or heat exchanger, etc.		
23 09 23 53-0448	EA	Replication Of Color Graphics Page For Programmable Controller.....	209.92	
		Note: Priced per copy made.		
23 09 23 53-0449	EA	Color Graphics Page For Application Specific Controller.....	907.91	
		Note: Price per each VAV box, fan coil unit, unit ventilator or small CV AHU. Task used for the first piece of each equipment.		
23 09 23 53-0450	EA	Replication Of Color Graphics Page For Application Specific Cont	90.77	
		Note: Priced per copy made.		

23 09 23 53-0451 Sensors, Actuators And Control Devices (23 09 23 53-0301)

Note: Includes installation, startup, checkout and miscellaneous parts for installation. Excludes conduit, wire and cable. Excludes engineering and programming labor. Each device is considered one control point. No engineering or programming time required for replacement parts.

23 09 23 53-0452 Special Sensors (23 09 23 53-0451)

23 09 23 53-0453	EA	Dewpoint Sensor (Honeywell C7232B1014).....	2,150.15	70.85
23 09 23 53-0454	EA	Enthalpy Sensor -25 To 125 F	2,244.64	70.85
23 09 23 53-0455	EA	Outdoor Mounted Temperature And Humidity Transmitter (Honeywell H7635C1002)	984.67	141.71

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0456 EA Freezestat (Honeywell L482A1004).....	670.73	236.13
23 09 23 53-0457 EA Wall Mounted Occupancy Sensor.....	490.05	70.85
23 09 23 53-0458 EA Ceiling Mounted Occupancy Sensor.....	385.88	70.85
23 09 23 53-0459 EA I/P Positioner With Gauge.....	455.04	70.85
23 09 23 53-0460 EA Non Communicating Duct Mounted Smoke Detector With Sampling Tube.....	544.35	70.85
23 09 23 53-0461 EA EP Transducer.....	455.04	47.27
23 09 23 53-0462 EA Electric Heat Sequencer.....	718.61	94.43
23 09 23 53-0463 Meters (23 09 23 53-0451)		
23 09 23 53-0464 EA 208 - 480 Volt, Up To 2,400 Amperes, KW/KWh Meter/Current Transformer.....	4,644.35	566.59
23 09 23 53-0465 EA 208 - 480 Volt, Up To 2,400 Amperes, KW/KWh Meter/Current Transformer With LON interface.....	6,719.21	661.01
23 09 23 53-0466 EA 1 To 300 Amperes, Current Transformer For KW Meter.....	1,597.15	236.13
23 09 23 53-0467 EA 300 To 800 Amperes, Current Transformer For KW Meter.....	1,840.62	236.13
23 09 23 53-0468 EA 800 To 2,400 Amperes, Current Transformer For KW Meter.....	2,307.56	236.13
23 09 23 53-0469 Direct Coupled Actuators (23 09 23 53-0451)		
23 09 23 53-0470 EA 44 IN-LB, 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4105A1002).....	643.89	98.29
23 09 23 53-0471 EA 88 IN-LB, 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4110A1200).....	712.49	98.29
23 09 23 53-0472 EA 175 IN-LB, 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4120A1209).....	830.43	98.29
23 09 23 53-0473 EA 44 IN-LB, 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8105A1008).....	603.76	98.29
23 09 23 53-0474 EA 88 IN-LB, 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8110A1206).....	677.52	98.29
23 09 23 53-0475 EA 175 IN-LB, 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8120A1205).....	750.57	98.29
23 09 23 53-0476 EA 44 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator.....	681.56	98.29
23 09 23 53-0477 EA 88 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator (Honeywell MS7510A2206).....	786.74	98.29
23 09 23 53-0478 EA 175 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator (Honeywell MS7520A2205).....	900.28	98.29
23 09 23 53-0479 EA 44 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Non- Spring Return Direct Coupled Damper Actuator (Honeywell MN7505A2209).....	549.03	98.29
23 09 23 53-0480 EA 88 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Non- Spring Return Direct Coupled Damper Actuator (Honeywell MN7510A2209).....	605.04	98.29
23 09 23 53-0481 EA 175 IN-LB, 24 Volt AC, 4-20 mA, Floating Control, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN6120A1200).....	717.56	98.29
23 09 23 53-0482 EA 175 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN7220A2007).....	770.53	98.29
23 09 23 53-0483 EA 300 IN-LB, 24 Volt AC, 4-20 mA, Floating Control, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN6134A10030).....	769.87	98.29
23 09 23 53-0484 EA 300 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN7234A2008).....	915.11	98.29
23 09 23 53-0485 EA Pneumatic Spring Return Damper Actuator Without Positive Positioner (Honeywell MP909E1018).....	571.99	98.29
23 09 23 53-0486 EA Pneumatic Spring Return Damper Actuator With Positive Positioner (Honeywell MP909H1368).....	1,010.06	98.29
23 09 23 53-0487 EA Foot Mount Kit With Damper Linkage And Connectors For Direct Coupled Actuator.....	427.96	98.29
23 09 23 53-0488 EA Direct Coupled Damper Actuator Enclosure For Outdoor Use.....	656.29	98.29
23 09 23 53-0489 Thermostats (23 09 23 53-0301)		
23 09 23 53-0490 Electric And Electronic Thermostats (23 09 23 53-0489)		
Note: Includes installation, startup and checkout labor. Excludes engineering and programming labor. Each thermostat counts as one control point.		
23 09 23 53-0491 EA Line Voltage 120 Volt, Heat/Cool Thermostat (Honeywell T651A3018).....	212.87	17.17
23 09 23 53-0492 EA Electronic Non Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell TH5320).....	230.25	17.17
23 09 23 53-0493 EA Electronic Programmable Heating/Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6110).....	210.94	17.17
23 09 23 53-0494 EA Electronic Programmable Two Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6220).....	237.40	17.17
23 09 23 53-0495 EA Electronic Programmable Three Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6320).....	257.29	17.17
23 09 23 53-0496 EA Electronic Programmable Two Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH8321).....	384.76	17.17
23 09 23 53-0497 EA Humidity Control Electronic Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7351F).....	566.30	17.17
23 09 23 53-0498 EA Lon Communicating Humidity Control Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7350H).....	925.27	17.17
23 09 23 53-0499 EA Modulating Lon Communicating Humidity Control Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7350M).....	987.64	17.17
23 09 23 53-0500 Pneumatic Thermostats (23 09 23 53-0489)		
Note: Includes installation, startup and checkout labor. Excludes engineering and programming labor. Each thermostat counts as two control point.		
23 09 23 53-0501 EA Pneumatic Thermostat (Honeywell TP970B2182).....	302.04	17.17
23 09 23 53-0502 Thermostats Guards (23 09 23 53-0489)		
23 09 23 53-0503 EA 9-3/4" x 7-1/4" x 3-3/8" Universal Thermostat Guard (Honeywell TG512A1009).....	71.90	17.17
23 09 23 53-0504 EA 7-1/2" x 6-1/2" x 2-15/16" Universal Thermostat Guard (Honeywell TG511).....	86.39	17.17
23 09 23 53-0505 EA 5-7/8" x 5-7/8" x 2-1/2" Deep Universal Thermostat Guard (Honeywell TG510).....	81.17	17.17
23 09 23 53-0506 Johnson Controls (23 09 23 53)		
23 09 23 53-0507 Software (23 09 23 53-0506)		
Note: Excludes programming, set-up and commissioning of application.		
23 09 23 53-0508 EA 5 Concurrent User Application And Data Server (Johnson Controls MS-ADS05U-0).....	19,622.67	
23 09 23 53-0509 EA 10 Concurrent User External Application And Data Server (Johnson Controls MS-ADX10U-0).....	23,212.44	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 09 Instrumentation and Control for HVAC****23 09 23 Direct-Digital Control System for HVAC**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 09 23 53-0510	EA	N2 Controllers Commissioning And Download Software (Johnson Controls MW-MTOOL-0).....	1,115.88	
23 09 23 53-0511	EA	N2 Controllers Download Cable Kit (Johnson Controls AS-CBLPRO-2).....	1,707.48	
23 09 23 53-0512	EA	BACnet FEU Controllers Commissioning And Download Software (Johnson Controls MS-CCTSWO-0).....	3,049.53	
23 09 23 53-0513	EA	BACnet Controllers Download Bluetooth Converter (Johnson Controls MS-BTCVT-0).....	1,125.90	
23 09 23 53-0514	EA	New User FX Tools Pro CD-Rom (FX Builder, FX Builder Express, FX CommPro N2, FX CommPro LON, FX CommPro BACnet) Software (Johnson Controls LP-FXTPRO-0).....	1,119.16	
23 09 23 53-0515	EA	Upgrade FX Tools Pro CD-Rom (FX Builder, FX Builder Express, FX CommPro N2, FX CommPro LON, FX CommPro BACnet) Software (Johnson Controls LP-FXTPRO-6).....	387.39	

23 09 23 53-0516 Supervisory Controllers (23 09 23 53-0506)

23 09 23 53-0517	EA	NAE With 1 RS-485, Support For 50 Devices (Either N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE3510-2).....	8,293.67	457.84
23 09 23 53-0518	EA	NAE With 1 RS-485, Support For 100 Devices (Either N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE4511-2).....	13,027.95	457.84
23 09 23 53-0519	EA	NAE With 2 RS-485, Support For 200 Devices (N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE5511-1).....	17,772.72	457.84
23 09 23 53-0520	EA	NCE, 33 Points, Network Control Engine, 32 N2 Device Support Supervisory Controllers (Johnson Controls MS-NCE2510-0).....	6,470.05	457.84

23 09 23 53-0521 Controllers (23 09 23 53-0506)

23 09 23 53-0522	EA	10 Point Field Equipment Controller With 2 UI, 1 BI, 3 BO, 4 CO, 24 Volt AC And Sensor Actuator Bus With Mounting Base (Johnson Controls MS-FEU1610-0).....	960.93	114.47
23 09 23 53-0523	EA	10 Point Field Equipment Controller With 2 UI, 1 BI, 3 BO, 4 CO, 24 Volt AC And Sensor Actuator Bus, Mounting Base And Integral Display (Johnson Controls MS-FEU1620-0).....	1,276.61	228.92
23 09 23 53-0524	EA	17 Point Field Equipment Controller With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC, Sensor Actuator Bus And Mounting Base (Johnson Controls MS-FEU2610-0).....	1,640.16	228.92
23 09 23 53-0525	EA	17 Point Field Equipment Controller With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC, Sensor Actuator Bus And Integral Display (Johnson Controls MS-FEU2620-0).....	1,955.83	228.92
23 09 23 53-0526	EA	BACnet MS/TP 4-Point I/O Module With 4 BI, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM1710-0).....	779.83	114.47
23 09 23 53-0527	EA	BACnet MS/TP 6 Point I/O Module With 2 UI, 2 UO, 2 BO, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM2710-0).....	860.32	114.47
23 09 23 53-0528	EA	BACnet MS/TP 12 Point I/O Module With 4 UI, 4 UO, 4 BO, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM3710-0).....	981.06	114.47
23 09 23 53-0529	EA	17 Point I/O Module With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC And Sensor Actuator Bus With Mounting Base (Johnson Controls MS-IQU4710-0).....	997.16	114.47
23 09 23 53-0530	EA	BACnet MS/TP Rooftop Controller For Stand-Alone And Networked Zoning Systems (Johnson Controls TEC2664Z-2).....	2,037.96	228.92
23 09 23 53-0531	EA	32-bit, Integrated VAV Controller/Actuator/DPT, 3 UI, 3 BO, and 2 CO; 24 Volt AC; Field Controller Bus And Sensor Actuator Bus (Johnson Controls MS-VMA1630-0).....	973.16	114.47
23 09 23 53-0532	EA	32-bit, Integrated VAV Controller/Actuator/Pressure Sensor - DPT, 3 UI and 3 BO, 2 CO, 24 Volt AC, and Sensor Actuator Bus (Johnson Controls MS-VMA1930-0).....	1,430.07	114.47

Note: Includes 6-pin Sensor Port for use with TE-7xx Series Non-Communicating Sensors and two Ethernet Ports for BACnet/IP Communications

23 09 23 53-0533 Master FX Controllers (23 09 23 53-0506)

23 09 23 53-0534	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, No Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X00-000C).....	2,591.73	228.92
23 09 23 53-0535	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, N2 Open Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X01-000C).....	2,782.48	228.92
23 09 23 53-0536	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, LON Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X02-000C).....	2,877.27	228.92
23 09 23 53-0537	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, RS-232 Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X03-000C).....	2,819.66	228.92
23 09 23 53-0538	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, BACnet Communications Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X04-000C).....	2,729.64	228.92
23 09 23 53-0539	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, N2 Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X11-000C).....	2,744.07	228.92
23 09 23 53-0540	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, BACnet Communications Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X14-000C).....	2,729.64	228.92
23 09 23 53-0541	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, No Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X50-000C).....	2,782.69	228.92
23 09 23 53-0542	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, N2 Open Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X51-000C).....	2,947.43	228.92
23 09 23 53-0543	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, LON Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X52-000C).....	3,057.25	228.92
23 09 23 53-0544	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, RS-232 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X53-000C).....	3,002.33	228.92
23 09 23 53-0545	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, BACnet Communications Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X54-000C).....	2,889.93	228.92
23 09 23 53-0546	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, No Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X60-000C).....	2,782.69	228.92
23 09 23 53-0547	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, N2 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X61-000C).....	2,947.43	228.92
23 09 23 53-0548	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, LON Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X62-000C).....	3,057.25	228.92
23 09 23 53-0549	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, RS-232 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X63-000C).....	3,002.33	228.92
23 09 23 53-0550	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, BACnet Communications Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X64-000C).....	2,889.93	228.92
23 09 23 53-0551	EA	N2 Open Communication Card For FX16 (Johnson Controls LP-NET151-010C).....	309.04	57.23
23 09 23 53-0552	EA	LON Communication Card For FX15 and FX16 (Johnson Controls LP-NET152-010C).....	444.19	57.23
23 09 23 53-0553	EA	RS-232 Communication Card For FX16 (Johnson Controls LP-NET163-000C).....	346.98	57.23
23 09 23 53-0554	EA	BACnet Communications Card For FX16 (Johnson Controls LP-NET164-000C).....	309.04	57.23
23 09 23 53-0555	EA	Remote Medium User Interface For FX16 (Johnson Controls LP-DIS60P20-0C).....	857.72	57.23

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0556 EA Facility Explorer Extension I/O Module (Johnson Controls LP-XT91D00-000C)	788.20	57.23
23 09 23 53-0557 EA 5 UI, 4 BI, 3 AO, 6 Relay DO Expansion I/O Module (Johnson Controls LP-XM07X01-000C).....	804.48	57.23
23 09 23 53-0558 EA 5 UI, 4 BI, 3 AO, 2 Triac DO, 4 Relay DO Expansion I/O Module (Johnson Controls LP-XM07X11-000C).....	804.48	57.23
23 09 23 53-0559 EA 5 UI, 4 BI, 3 AO, 6 Relay DO (Manual Overrides For 2 AO And 4 Relay DO) Expansion I/O Module (Johnson Controls LP-XM07X51-000C).....	885.79	57.23
23 09 23 53-0560 EA 5 UI, 4 BI, 3 AO, 2 Triac DO, 4 Relay DO (Manual Overrides For 2 AO, 2 Triac DO, And 2 Relay DO) Expansion I/O Module (Johnson Controls LP-XM07X61-000C).....	885.79	57.23
23 09 23 53-0561 EA 6 UI, 12 BI, 4 AO, 9 Relay DO Expansion I/O Module (Johnson Controls LP-XM14X01-000C).....	1,119.54	57.23
23 09 23 53-0562 EA 6 UI, 12 BI, 4 AO, 4 Triac DO Expansion I/O Module (Johnson Controls LP-XM14X11-000C).....	1,119.54	57.23
23 09 23 53-0563 EA 6 UI, 12 BI, 4 AO, 9 Relay DO (Manual Overrides For 3 AO And 7 Relay DO) Expansion I/O Module (Johnson Controls LP-XM14X51-000C).....	1,251.67	57.23
23 09 23 53-0564 EA 6 UI, 12 BI, 4 AO, 4 Triac DO, 5 Relay DO (Manual Overrides For 3 AO, 2 Triac DO, And 5 Relay DO) Expansion I/O Module (Johnson Controls LP-XM14X61-000C).....	1,251.67	57.23
23 09 23 53-0565 VAV, Network And Special Sensors (23 09 23 53-0506)		
23 09 23 53-0566 EA 3" x 4-1/2", Surface Or Box Mounted, LCD RH Display, 3% RH Accuracy, Occupancy Override, Adjustable Temperature Setpoint BACnet Temperature And Humidity Sensor (Johnson Controls NS-BHR7001-0).....	593.22	36.63
23 09 23 53-0567 EA 3" x 4-1/2", Surface Or Box Mounted, Addressing Switch BACnet Temperature Sensor (Johnson Controls NS-BTN7003-0).....	194.06	36.63
23 09 23 53-0568 EA 3" x 4-1/2", Surface Or Box Mounted, 3% RH Accuracy, BACnet Temperature And Humidity Sensor (Johnson Controls NS-BHN7001-0).....	457.61	36.63
23 09 23 53-0569 EA 3" x 4-1/2", Surface Or Box Mounted, LCD Display, 2% RH Accuracy, Occupancy Override, Adjustable Temperature Setpoint Addressing Switch BACnet Temperature And Humidity Sensor (Johnson Controls NS-BPB7003-0).....	687.78	36.63
23 09 23 53-0570 EA 3" x 4-1/2", Surface Or Box Mounted, LCD Display, Occupancy Override, Adjustable Temperature Setpoint, BACnet Temperature Sensor (Johnson Controls NS-BTB7001-0).....	223.94	36.63
23 09 23 53-0571 EA 3" x 4-1/2", Surface Or Box Mounted CO2 Sensor, 0 To 2,000 ppm (Johnson Controls NS-BCN7004-0).....	622.89	36.63
23 09 23 53-0572 Sensors - Hard Wired Type (23 09 23 53-0506)		
23 09 23 53-0573 EA Duct Mount Temperature Sensor, Platinum RT, With Handi-Box (Johnson Controls TFDCR00).....	182.85	65.93
23 09 23 53-0574 EA Well Insertion Temperature Sensor, With Stainless 4-1/2" Well (Johnson Controls TIGB1C0).....	159.88	36.63
23 09 23 53-0575 EA BACnet MS/TP Networked, Single Stage Thermostat (Johnson Controls TEC2601-2).....	460.26	17.17
Note: For fan coil units, unit heaters and single stage packaged heating/cooling equipment.		
23 09 23 53-0576 EA BACnet MS/TP Networked Two Outputs, Dehumidification Capability And Three Speed Fan Control Thermostat (Johnson Controls TEC2616-2).....	625.46	17.17
Note: For two or four pipe fan coils, cabinet unit heaters or other equipment using on/off, floating, or proportional 0 to 10 Volt DC control input, three speeds of fan control, and dehumidification capability.		
23 09 23 53-0577 EA BACnet MS/TP Networked Thermostats With Two Outputs (Johnson Controls TEC2627VVT-2).....	461.17	17.17
Note: For VVT systems.		
23 09 23 53-0578 EA BACnet MS/TP Zone Controller For Proportional Zone Damper, On/Off Or Proportional Reheat Control (Johnson Controls TEC2647Z-2).....	608.14	36.63
23 09 23 53-0579 EA BACnet Zone Controller With Occupancy Sensor For Proportional Zone Damper, On/Off Or Proportional Reheat Control (Johnson Controls TEC2647Z-2+PIR).....	751.11	36.63
23 09 23 53-0580 Melink Intelli-Hood IH3 Controls (23 09 23 53)		
23 09 23 53-0581 Kitchen Ventilation Controllers (23 09 23 53-0580)		
23 09 23 53-0582 EA Fully Programmable Kitchen Ventilation Controller (Melink Intelli-Hood 2SYS-3001).....	9,675.69	457.84
Note: RS-485 communication protocol supports up to 39 Hood Controllers, 10 graphical user interface devices, 10 auxiliary power supplies, and 10 auxiliary light controllers. Modbus VFD communications interface for support of up to 64 variable frequency drives, programmable I/O points. Includes 3 digital inputs, 4 digital outputs, 1 analog output, and 1 analog input. BACnet over TCP/IP Interface, Real-Time Clock with battery back-up.		
23 09 23 53-0583 EA Graphical User Interface (Melink Intelli-Hood 2KPD-3001).....	1,861.77	94.43
Note: Full color 2.5" display and programming interface device. RS-485 communication protocol for interface with main controller.		
23 09 23 53-0584 EA Hood Controller (Melink Intelli-Hood 2SEN-3001).....	2,991.16	381.16
Note: 6 point field I/O device, RS-485 communication protocol, supports up to 4 field temperature sensors and 1 optic sensor system.		
23 09 23 53-0585 Kitchen Ventilation Sensors (23 09 23 53-0580)		
23 09 23 53-0586 EA Duct Mount Stainless Steel RTD (Melink Intelli-Hood 2SEN-3005-Q).....	543.78	65.93
Note: Includes UL listed mounting compression fitting, stainless steel probe protection sleeve, RJ-45 communication connector.		
23 09 23 53-0587 EA Optic Sensor System For Detection Of Cooking Effluent (Melink Intelli-Hood 2SEN-3004-28).....	4,704.75	366.28
Note: Includes air purge unit, infrared emitter/receiver with stainless steel housings. Auto-calibration, 0.2 second response time, conformal-coated circuit boards, purge pipe assembly complete with UL listed compression fittings, communication interface cables and blower box assembly.		
23 09 23 53-0588 Siemens Controls (23 09 23 53)		
23 09 23 53-0589 EA Concealed Temperature Set Point Adjustment, Electric Line Voltage Heating/Cooling Thermostat (Siemens 134-1083).....	442.25	17.17
23 09 23 53-0590 EA Exposed Temperature Set Point Adjustment, Electric Line Voltage Heating/Cooling Thermostat (Siemens 134-1085).....	310.40	17.17
23 09 23 53-0591 EA SPST/Manual Reset, 1" To 12" Set Point Range, Differential Static Pressure Airflow Switch (Siemens 141-0575).....	313.94	77.33
23 09 23 53-0592 EA -0.5" To 0.5" WG, Low Differential Pressure Transmitter (Siemens 141-0591).....	483.63	77.33
23 09 23 53-0593 EA Spring Clip Mounting Kit For Thermostat (Siemens 182-685).....	75.12	11.45
23 09 23 53-0594 EA Two Position, Pneumatic Circuit, RL243 Switching Relay (Siemens 243-0001).....	250.83	114.47
23 09 23 53-0595 EA 3/4" Two Way, Normally Closed, 6.3 Cv, FxF, Brass Trim, Floating, Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 260-02012).....	411.16	20.20
23 09 23 53-0596 EA 1" Three Way, 10 Cv, FxF, Stainless Steel Trim. Floating, Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 266-02079).....	725.10	36.67

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 09 Instrumentation and Control for HVAC****23 09 23 Direct-Digital Control System for HVAC**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0597	EA		1" Three Way, 10 Cv, FxF, Brass Trim, 0 To 10 Volt DC, 4 To 20 mA Electronic Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 274-03203).....	1,464.48	36.67
23 09 23 53-0598	EA		1-1/4" Two Way, 16 Cv, FxF, Stainless Steel Trim, 0 To 10 Volt DC Electronic Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 298-03006).....	1,236.70	46.45
23 09 23 53-0599	EA		36" Rigid Probe, 4 To 20 mA, 20 To 120 Degree F Range, Duct Averaging Sensor (Siemens 535-490-36).....	316.16	65.93
23 09 23 53-0600	EA		-58 To 122 Degree F Range, Outside Air Temperature Sensor (Siemens 536-768).....	268.62	36.63
23 09 23 53-0601	EA		Unit Conditioner Controller With Secure Mode (Siemens 540-110C).....	591.56	54.03
23 09 23 53-0602	EA		9-Pin, Female To RJ-11 Cable (Siemens 540-143).....	107.59	5.72
23 09 23 53-0603	EA		Terminal Box Controller, Electronic Output, For Trane (Siemens 540-800).....	950.72	109.89
23 09 23 53-0604	EA		MMI Extension Cable (Siemens 545-712).....	181.12	5.72
23 09 23 53-0605	EA		Remote Pressure Transmitter (Siemens 547-003).....	1,433.01	36.63
23 09 23 53-0606	EA		Cooling Only, GDE, BACnet Actuating Terminal Equipment Controller (Siemens 550-400).....	875.71	27.47
23 09 23 53-0607	EA		BACnet Unit Conditioner Fan Coil Controller (Siemens 550-433).....	755.58	73.26
23 09 23 53-0608	EA		Door Lock And Key Assembly (Siemens 567-225).....	40.98	22.89
23 09 23 53-0609	EA		Insight Advanced Software Package (Siemens 571-010-381-USB)..... Note: Includes one user license and one sentinel key.	14,622.42	
23 09 23 53-0610	EA		BACnet Client Option For Insight Advanced Software Package (Siemens 571-188).....	498.86	
23 09 23 53-0611	EA		Soft Controller Option For Insight Advanced Software Package (Siemens 571-620).....	3,194.27	
23 09 23 53-0612	EA		1" Steam, Normally Open, 10 Cv, Stainless Steel Trim, Class 250 Globe Valve (Siemens 599-03059).....	482.84	12.19
23 09 23 53-0613	EA		2" Steam, Normally Open, 40 Cv, Stainless Steel Trim, Class 250 Globe Valve (Siemens 599-03062).....	1,017.34	21.13
23 09 23 53-0614	EA		Firefinder XLS Driver, Modular Equipment Controller With RS-485 ALN, 8 DI, 8 DO, 8 AI, 8 AO, Point Expansion Support, HOA-Ready (Siemens 986-83481C).....	9,608.18	45.79
23 09 23 53-0615	EA		SiPass Driver, Modular Equipment Controller With RS-485 ALN, 8 DI, 8 DO, 8 AI, 8 AO, Point Expansion Support, Modem With HOA (Siemens 986-83482F).....	11,321.46	45.79
23 09 23 53-0616	EA		7" x 13-7/16" x 3-3/4" Weather Shield (Siemens ASK75.3U).....	173.73	17.17
23 09 23 53-0617	EA		Two Position, 24 Volt AC/Volt DC, Standard Cabling, Dual Auxillary Switches, Electronic Damper Actuator With Spring Return (Siemens GMA126.1U).....	436.21	47.66
23 09 23 53-0618	EA		Modulating, 0 To 10 Volt DC, 24 Volt AC/Volt DC, Standard Cabling, Electronic Damper Actuator With Spring Return (Siemens GMA161.1U).....	465.81	47.66
23 09 23 53-0619	EA		License To Enable 4 TX-I/O Modules On The Island Bus And FLN Support On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-36.A).....	4,237.25	
23 09 23 53-0620	EA		License To Enable FLN Support On PXC-16 or PXC-24 "F" Models (Siemens LSM-FLN).....	855.61	
23 09 23 53-0621	EA		License To Enable FLN Support On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-FLN36.A).....	2,753.71	
23 09 23 53-0622	EA		License To Enable BACnet Field Panel Web Server (PXC-36) Or Web Services (PXC-16/24) (Siemens LSM-FPWEB).....	1,971.27	
23 09 23 53-0623	EA		License To Enable 4 TX-I/O Modules On The Island Bus On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-IB36.A).....	1,694.60	
23 09 23 53-0624	EA		License To Enable SNMP Agent License To Enable SNMP Agent (Siemens LSM-SNMP).....	5,010.01	
23 09 23 53-0625	EA		16-Switch HOA Upgrade Kit (Siemens PXA16-M).....	795.86	2.29
23 09 23 53-0626	EA		16-Switch HOA Upgrade Kit (Extended Temp, UL 916) With HMI Cable (Siemens PXA16-MR).....	888.31	9.16
23 09 23 53-0627	EA		8-Switch HOA Upgrade Kit (Siemens PXA8-M).....	449.67	2.29
23 09 23 53-0628	EA		18" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC18).....	437.73	64.10
23 09 23 53-0629	EA		19" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC19).....	770.00	64.10
23 09 23 53-0630	EA		34" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC34).....	1,082.40	73.26
23 09 23 53-0631	EA		Serial Cable Required For HOA Or PXM10T/S Connection To Non-Rooftop Variants Of The 16-Point And 24-Point Compact Series (Siemens PXA-HMI.CABLEP5).....	38.91	11.45
23 09 23 53-0632	EA		115 Volt, 24 Volt AC, 50/60 Hertz, 192 VA PX Series Service Box (Siemens PXA-SB115V192VA).....	782.99	28.62
23 09 23 53-0633	EA		115 Volt, 24 Volt AC, 50/60 Hertz, 384 VA PX Series Service Box (Siemens PXA-SB115V384VA).....	1,258.48	28.62
23 09 23 53-0634	EA		230 Volt, 24 Volt AC, 50/60 Hertz, 192 VA PX Series Service Box (Siemens PXA-SB230V192VA).....	958.17	28.62
23 09 23 53-0635	EA		230 Volt, 24 Volt AC, 50/60 Hertz, 384 VA PX Series Service Box (Siemens PXA-SB230V384VA).....	1,458.70	28.62
23 09 23 53-0636	EA		PXC Modular, BACnet/IP Or MS/TP ALN, P1 Or MS/TP FLN, PXX-485.3 Is Also Required As The Connection To The FLN Devices (Siemens PXC00-E96.A).....	4,271.24	57.23
23 09 23 53-0637	EA		PXC Modular Series For BACnet Networks, TX-I/O Module, 96 Node (Siemens PXC100-E96.A).....	5,526.42	57.23
23 09 23 53-0638	EA		Peer To Peer, TX-I/O, 96 Node, APOGEE Automation System, Programmable Controller - Modular (Siemens PXC100-PE96.A).....	6,297.04	57.23
23 09 23 53-0639	EA		16 Point, BACnet/IP ALN Compact Programmable Controller (Siemens PXC16.2-E.A).....	1,727.53	57.23
23 09 23 53-0640	EA		16 Point, BACnet/IP ALN, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC16.2-EF.A).....	2,066.97	57.23
23 09 23 53-0641	EA		16 Point, MS/TP ALN Compact Programmable Controller (Siemens PXC16.2-M.A).....	1,842.06	57.23
23 09 23 53-0642	EA		24 Point, BACnet/IP ALN Compact Programmable Controller (Siemens PXC24.2-E.A).....	2,522.05	57.23
23 09 23 53-0643	EA		24 Point, BACnet/IP ALN, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC24.2-EF.A).....	2,756.42	57.23
23 09 23 53-0644	EA		24 Point, BACnet/IP ALN, Rooftop Compact Programmable Controller (Siemens PXC24.2-ER.A).....	2,698.28	57.23
23 09 23 53-0645	EA		24 Point, BACnet/IP ALN, Rooftop, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC24.2-ERF.A).....	2,908.28	57.23
23 09 23 53-0646	EA		24 Point, MS/TP ALN Compact Programmable Controller (Siemens PXC24.2-M.A).....	2,692.98	57.23
23 09 23 53-0647	EA		24 Point, MS/TP ALN, Rooftop Compact Programmable Controller (Siemens PXC24.2-MR.A).....	2,906.84	57.23
23 09 23 53-0648	EA		36 Point, BACnet/IP Or MS/TP ALN Compact Programmable Controller (Siemens PXC36-E.A).....	3,748.72	57.23
23 09 23 53-0649	EA		36 Point, BACnet/IP Or MS/TP ALN, Island Bus, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC36-EF.A).....	7,486.80	57.23
23 09 23 53-0650	EA		License To Enable The Island Bus On PXC00-E96.A and PXC00-PE96.A (Siemens PXC-TXIO.A).....	1,271.21	
23 09 23 53-0651	EA		Controller Mounted Operator Display Module With Point Monitor And Optional Blue Backlight (Siemens PXM10S).....	503.34	28.62
23 09 23 53-0652	EA		Controller Mounted Operator Display Module (Siemens PXM10T).....	366.08	28.62
23 09 23 53-0653	EA		Provides FLN Support For The PXC Modular (Siemens PXX-485.3)..... Note: Includes Three RS-485 P1 FLN Connections Or One MS/TP FLN Connection, Maximum Of 96 Devices Supported	834.79	22.89
23 09 23 53-0654	EA		Full Feature With Display, Override And Temperature Setpoint Adjustment, Room Temperature Sensor, 10K Ohm Type III Thermistor (Siemens QAA22SS.FWSN).....	282.18	28.62
23 09 23 53-0655	EA		Digital Temperature Room Unit for TEC, Sensing, Setpoint, Override, Display, No Logo (Siemens QAA2280.FWNC).....	273.67	36.63
23 09 23 53-0656	EA		4" Platinum, 1,000 Ohm, 385 Alpha Probe, Immersion Temperature Sensor (Siemens QAE2012.010).....	135.76	28.62
23 09 23 53-0657	EA		8" Platinum, 1,000 Ohm, 385 Alpha Probe, Duct Temperature Sensor (Siemens QAM2012.020).....	100.65	28.62
23 09 23 53-0658	EA		24" Flexible Averaging Probe (Siemens QAM2012.750).....	299.25	57.23
23 09 23 53-0659	EA		2 Meter Flexible Duct Temperature Sensor With Four Mounting Clamps (Siemens QAM2120.200).....	191.16	42.92
23 09 23 53-0660	EA		10 HP, 240 Volt, NEMA 2 Variable Frequency Drive (Siemens SED2-7.5/22X).....	3,398.61	368.79
23 09 23 53-0661	EA		Two Sets, Address Keys 1 - 12, Accessory For TX-I/O Module (Siemens TXA1.K12).....	35.32	11.45
23 09 23 53-0662	EA		Labels For HOA And TX-I/O Modules (Siemens TXA1.LLT-P100).....	0.83	
23 09 23 53-0663	EA		16 Digital Input Module (Siemens TXM1.16D).....	628.75	11.45
23 09 23 53-0664	EA		6 Digital Output Relay Points, Manual Override, Digital Output Module (Siemens TXM1.6R-M).....	952.60	11.45

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 09 23 53-0665	EA	8	Universal Points, Local Override/Identification, Digital Output Module (Siemens TXM1.8X-ML).....	1,530.55	22.89
23 09 23 53-0666	EA	1.2 A, 4A	Fuse, Power Supply (Siemens TXS1.12F4).....	467.44	6.87

23 09 23 53-0667 Trane Controls (23 09 23 53)

23 09 23 53-0668 Software (23 09 23 53-0667)

Note: Excludes programming, set-up and commissioning of application.

23 09 23 53-0669	EA	Summit + Building Management Package (Trane 40201152)		7,252.46	
23 09 23 53-0670	EA	Summit Current Version Software (Trane 40201111).....		4,088.00	
23 09 23 53-0671	EA	Summit Customer Upgrade Package, Currently V10-V16 To V17 (Trane 40201113).....		991.92	
23 09 23 53-0672	EA	Rover Service Software And Hardware, Complete Kit (Trane X1365150001).....		4,063.17	
23 09 23 53-0673	EA	Tracer SC With -X1365152401 - BACnet (2 Pack) (Trane BMSC000AAA011000).....		11,260.93	

23 09 23 53-0674 EMCS Central Equipment And Controllers (23 09 23 53-0667)

23 09 23 53-0675	EA	Summit BTMX Operator Display Upgrade (Trane 40201224)		6,102.13	457.84
23 09 23 53-0676	EA	Summit BTMX Retrofit Kit For BMTS And BMTW BCU (Trane 49500531)		14,152.38	457.84
23 09 23 53-0677	EA	Summit BTMX Retrofit Kit For Tracer 100 (Trane 49500532).....		14,152.38	457.84
23 09 23 53-0678	EA	Summit BTMX, 120 Volt, (Trane BMTX-001-A-A-B0-00).....		12,404.39	457.84
23 09 23 53-0679	EA	Summit BTMX, 120 Volt, With Display (Trane BMTX-001-A-A-B0-10)		14,436.76	457.84
23 09 23 53-0680	EA	Summit CCP Upgrade ROM Kit (Trane 40201095).....		215.65	28.62
23 09 23 53-0681	EA	Summit Comm5 Repeater (Trane 49500457).....		1,661.64	228.92
23 09 23 53-0682	EA	AHU Controller MP580/581 E Board Only (Trane 40201157)		2,848.70	286.15
23 09 23 53-0683	EA	AHU Controller MP581 120 Volt AC With Enclosure And Display (Trane BMTM000AAC01).....		3,661.05	343.39
23 09 23 53-0684	EA	AHU Controller MP581 120 Volt AC With Enclosure, No Display (Trane BMTM000AAC00)		2,853.32	343.39
23 09 23 53-0685	EA	AHU Controller MP581 Operator Door Display (Trane 40201156).....		2,397.61	343.39
23 09 23 53-0686	EA	AHU Controller MP581 Portable, Rugged, With Case (Trane 49500491)		2,395.06	343.39
23 09 23 53-0687	EA	Controller MP503 I/O Module With Metal Enclosure (Trane 49500590).....		1,090.60	114.47
23 09 23 53-0688	EA	Controller MP503 I/O Module With Plastic Cover (Trane 49500490).....		990.20	114.47
23 09 23 53-0689	EA	Controller MP581 EX2 Expansion Module With Metal Enclosure (Trane 49500500)		1,779.69	228.92
23 09 23 53-0690	EA	Controller MP581 EX2 Expansion Module With Plastic Cover (Trane 49500499).....		1,696.43	228.92
23 09 23 53-0691	EA	2 Position, FCU Controller ZN511 Zone With Metal Enclosure (Trane 49500569).....		953.42	114.47
23 09 23 53-0692	EA	2 Position, FCU Controller ZN511 Zone With Plastic Cover (Trane 4950-0469)		832.52	114.47
23 09 23 53-0693	EA	4 Position, FCU Controller ZN517 Zone With Metal Enclosure (Trane 49500596).....		1,250.91	114.47
23 09 23 53-0694	EA	4 Position, FCU Controller ZN517 Zone With Plastic Cover (Trane 49500496)		1,130.67	114.47
23 09 23 53-0695	EA	Modulating FCU Controller ZN520 Zone With Plastic Cover (Trane 4950049).....		964.18	114.47
23 09 23 53-0696	EA	Modulating FCU Controller ZN520 Zone With Plastic Cover (Trane 49500496).....		918.00	114.47
23 09 23 53-0697	EA	Modulating Tri ST FCU Controller ZN521 Zone With Metal Cover (Trane 49500570).....		1,059.79	114.47
23 09 23 53-0698	EA	Modulating Tri ST FCU Controller ZN521 Zone With Plastic Cover (Trane 49500470).....		964.18	114.47
23 09 23 53-0699	EA	DDC VAV Retrofit Kit (Trane VRTODD01).....		1,324.74	228.92
23 09 23 53-0700	EA	DDC VAV Retrofit Kit With Belimo Actuator (Trane VRTODD01BLMO).....		1,443.64	228.92

23 09 23 53-0701 Network, VAV And Special Sensors (23 09 23 53-0667)

23 09 23 53-0702	EA	Digital Display Zone Sensor (Trane X13790464010).....		228.56	36.63
23 09 23 53-0703	EA	Single Setpoint Wall Mounted Zone Temperature Sensor (Trane X13511529010).....		150.68	36.63
23 09 23 53-0704	EA	Wall Mounted Zone Temperature-Only Sensor (Trane X13511528010).....		137.55	36.63
23 09 23 53-0705	EA	Ceiling Mount Zone Occupancy Sensor (Trane X13790421-01).....		282.24	41.21
23 09 23 53-0706	EA	Zone LCD O/C Setpoint, 3 Speed Fan (Trane 41901121).....		168.63	36.63
23 09 23 53-0707	EA	Zone Sensor LCD O/C Setpoint (Trane 41901120).....		168.63	36.63
23 09 23 53-0708	EA	Duct CO2 Sensor, 0 To 2,000 ppm (Trane X13790423010).....		597.38	65.93
23 09 23 53-0709	EA	Room CO2 Sensor, 0 To 2,000 ppm (Trane X13790422010)		550.40	36.63
23 09 23 53-0710	EA	Transformer 120/24 40 VA (Trane X13550284010).....		130.98	36.63
23 09 23 53-0711	EA	Transformer 24 Volt AC Wall Plug-In (Trane 35803005)		126.29	36.63
23 09 23 53-0712	EA	Transformer UL Listed 120 Volt AC, 40 VA (Trane 35812022).....		118.78	36.63
23 09 23 53-0713	EA	Controller UC400 VAV Kit With Enclosure, And Belimo (Trane 5189454010).....		1,492.15	228.92
23 09 23 53-0714	EA	Controller UC400 VAV Kit With Enclosure, No Actuator (Trane 5189456010)		1,428.00	228.92
23 09 23 53-0715	EA	Controller UC400 XM32 Module (4 Relay) (Trane X13651563010).....		1,294.14	228.92
23 09 23 53-0716	EA	Controller UC400 XM70 (8UI,6UI/AO,4R,1P) (Trane X13651568010).....		2,323.01	343.39
23 09 23 53-0717	EA	Controller UC400 XM30 I/O Module (4 UI/AO) (Trane X13651537010).....		1,294.14	228.92
23 09 23 53-0718	EA	Controller UC210 VAV With Belimo Actuator (Trane BMUC210AAA0B00011).....		1,362.04	228.92
23 09 23 53-0719	EA	Controller UC210 VAV Without Actuator (Trane BMUC210AAA0100011)		1,367.33	228.92
23 09 23 53-0720	EA	Controller Optional Metal Enclosure, UC210 (Trane 501898)		488.54	227.95
23 09 23 53-0721	EA	Controller UC400 PM014 24 Volt AC To 1.4 Amperes, 24 Volt DC (Trane X1365153801).....		714.52	227.95
23 09 23 53-0722	EA	Controller Tracer UC600 Controller (Trane BMUC600AAA0100011).....		2,607.31	343.39
23 09 23 53-0723	EA	Controller UC600 Tracer TD7 Display (Trane X13651571010).....		2,504.10	343.39
23 09 23 53-0724	EA	Controller UC600 TD7 Mounting Bracket (Trane X05010511010).....		154.44	45.62
23 09 23 53-0725	EA	Controller UC400 13" DIN Rail Enclosure, 120 Volt (Trane X13651559010).....		565.27	45.62
23 09 23 53-0726	EA	SC 24" DIN Rail Enclosure, 120 Volt (Trane X13651552010)		2,671.12	343.39
23 09 23 53-0727	EA	BACnet Term (2 Pack) (Trane X1365152401).....		244.37	82.06
23 09 23 53-0728	EA	Tracer ES Add License (Trane X40250125010).....		3,195.68	
23 09 23 53-0729	EA	Kit - Tracer TU For Controls (Trane X4509151201).....		4,931.53	457.84
23 09 23 53-0730	EA	Kit - Tracer TU Complete (Trane X4509151301).....		6,504.12	457.84
23 09 23 53-0731	EA	Tracer TU Adapter Wired/Wireless (Trane X13651529010).....		642.21	82.06
23 09 23 53-0732	EA	Sensor Wireless Zone Sensor, Fahrenheit (Trane X13790492010).....		365.41	82.06
23 09 23 53-0733	EA	Sensor Wireless Display Sensor (Trane X13790822010).....		414.21	82.06
23 09 23 53-0734	EA	Sensor Wireless Receiver, 100mW (Trane X13790854010).....		370.11	82.06
23 09 23 53-0735	EA	Sensor Wireless Comm Interface (WCI) Indoor, 100mW (Trane X13790901010).....		505.09	82.06
23 09 23 53-0736	EA	Sensor Wireless Comm Interface (WCI) Outdoor, 100mW (Trane X13790941010).....		551.06	82.06

23 09 23 53-0737 Control Sensors, Meters, Relays, Power Supplies, Valves, Dampers And Actuators (23 09 23 53)

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 09 Instrumentation and Control for HVAC****23 09 23 Direct-Digital Control System for HVAC**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 09 23 53-0738		Current Switches And Current Sensors <small>(23 09 23 53-0737)</small>			
23 09 23 53-0739	EA	Up To 20 Amperes, 0 To 5 Volt DC, Current Sensor (Senva C-1203)	140.36		36.63
23 09 23 53-0740	EA	Up To 20 Amperes, 4-20mA, Current Sensor (Senva C-1205)	145.99		36.63
23 09 23 53-0741	EA	0.5 To 135 Amperes Range, Split Core, VFD Current Switch (Senva C-2350VFD-L)	228.56		36.63
23 09 23 53-0742	EA	0.15 To 100 Amperes Range, Split Core, Current Switch With NC Command Relay (Senva C-2300 And CR4-24)	132.86		36.63
23 09 23 53-0743	EA	0 To 50/100/200 Amperes (Selectable), 4-20mA, 0 To 5 Volt DC, Split Core, DC Current Sensor (Veris H970HCA)	419.97		36.63
23 09 23 53-0744	EA	0 To 20/40/80 Amperes (Selectable), 0-20mA, 0 To 5 Volt DC, Split Core, DC Current Sensor (Veris H970LCC)	265.85		36.63
23 09 23 53-0745	EA	1 To 135 Amperes, N.O. Contact, 1 Ampere At 110 Volt, Current Switch (Veris H709)	201.52		36.63
23 09 23 53-0746	EA	0 To 10/20/40 Amperes, 4-20mA Analog Output, Solid Core, Loop Powered, Current Switch (Veris H721)	201.52		36.63
23 09 23 53-0747	EA	Energy Meter H8163 Series, With BACnet Output (Veris H8186-CB-BAC)	5,527.36		183.14
23 09 23 53-0748	EA	100 Amperes, Modbus RTU, Power Transducer (Veris H8035-0100-2)	1,406.50		36.63
Note: 3 phase networked transducer.					
23 09 23 53-0749	EA	2,400 Amperes, Three Current Switches, Pulse Output, Phase Loss Alarm Output, Energy Meter (Veris H8163-2400-4-3)	2,140.82		36.63
23 09 23 53-0750	EA	Up To 20 Amperes, 0-5 Volt DC, Current Transducer (Kele 4CTV)	216.63		36.63
23 09 23 53-0751	EA	Solid Core Fixed Setpoint Digital Output Current Switch (Veris H-800)	317.11		97.30
23 09 23 53-0752	EA	Split Core Fixed Setpoint Digital Output Current Switch (Veris H-900)	317.56		97.30
23 09 23 53-0753	EA	Solid Core Adjustable Setpoint Digital Output Current Sensor (Veris H-708)	340.08		97.30
23 09 23 53-0754	EA	Split Core Adjustable Setpoint Digital Output Current Sensor (Veris H-908)	345.71		97.30
23 09 23 53-0755	EA	Solid And Split Core Adjustable Setpoint Digital Output VFD Current Switch (Veris H-904)	377.61		97.30
23 09 23 53-0756	EA	Toggle Switch	128.74		45.79
23 09 23 53-0757	EA	Maintained Pushbutton Switch	137.93		45.79
23 09 23 53-0758	EA	Manual Time Switch	224.61		45.79
23 09 23 53-0759	EA	Emergency Stop Switch	379.59		45.79
23 09 23 53-0760	EA	Float Switch	359.45		45.79
23 09 23 53-0761	EA	Break Glass Switch	1,200.03		45.79
23 09 23 53-0762	EA	Boiler E-Stop Switch	722.96		45.79

23 09 23 53-0763		Relays <small>(23 09 23 53-0737)</small>			
23 09 23 53-0764	EA	DPDT, 24 Volt AC, Blade, Standard Relay (Kele RH2B-UAC24V)	115.03		36.63
23 09 23 53-0765	EA	SPDT, 24 Volt AC/Volt DC, 120 Volt AC Multi-Voltage Relay Module (Kele PAM-1)	126.57		36.63
23 09 23 53-0766	EA	SPDT, 24 Volt AC/Volt DC, 120 Volt AC Power Relay (Kele RIB2401B)	179.89		45.79
Note: Box type.					
23 09 23 53-0767	EA	Motor Starter Interface, 300msec Pulse (Kele PIL-2)	230.10		36.63
23 09 23 53-0768	EA	DP Relay Socket, DIN Rail Mounted (Kele SH2B-05)	106.66		36.63
23 09 23 53-0769	EA	SP Relay Socket, DIN Rail Mounted (Kele SH1B-05)	104.97		36.63
23 09 23 53-0770	EA	SPDT, 24 Volt AC, Blade, Standard Relay (Kele RH1B-UAC24V)	115.03		36.63
23 09 23 53-0771	EA	DPDT, 24 Volt AC, Blade, Indicator Light Relay (Kele RH2B-ULAC24V)	120.30		36.63
23 09 23 53-0772	EA	SPDT, 24 Volt AC, Blade, Indicator Light Relay (Kele RH1B-ULAC24V)	121.75		36.63
23 09 23 53-0773	EA	SPDT Pilot Relay, Universal (Kele RIBU1C)	131.27		45.79
Note: Box type.					
23 09 23 53-0774	EA	SPST Pilot Relay With HOA Switch (Kele RIBU1S)	178.37		45.79
Note: Box type.					
23 09 23 53-0775	EA	SPDT 3 Phase Line Voltage Monitor, .1-5 Minute Delay On Break Timer (ICM400)	323.64		45.79
23 09 23 53-0776	EA	SPDT 3-Phase Line Voltage Monitor, 0-10 Minute Delay On Break Timer (ICM450)	321.55		45.79

23 09 23 53-0777		Transformers <small>(23 09 23 53-0737)</small>			
23 09 23 53-0778	EA	50 VA, 120/240/277/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X050CBA)	139.12		36.63
23 09 23 53-0779	EA	75 VA, 120-24 Volt AC, CB Foot And Dual Hub Control Transformer (Veris X075CAB)	152.22		36.63
23 09 23 53-0780	EA	75 VA, 120/208/240/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X075CBA)	152.22		36.63
23 09 23 53-0781	EA	100 VA, 120-24 Volt AC, CB Foot And Dual Hub Control Transformer (Veris X100CAB)	164.08		36.63
23 09 23 53-0782	EA	100 VA, 120/240/277/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X100CBA)	171.38		36.63

23 09 23 53-0783		Power Supplies <small>(23 09 23 53-0737)</small>			
23 09 23 53-0784	EA	Solid Core Current Operated Switch, Terminals, Adjustable Trip, 0.5-150A, SPST (Kele RIBXKTA)	212.82		36.63
23 09 23 53-0785	EA	AC/DC Power Supply, 1.2 Amperes At 24 Volt Output (Kele DCPA-1.2)	249.17		36.63
23 09 23 53-0786	EA	DC Power Supply, 5 Volt DC And 24 Volt DC Output (Kele DCP-524)	232.78		36.63
23 09 23 53-0787	EA	DC Power Supply, 24 Volt DC, DIN Rail Mounted (Kele DCP-250-D)	240.53		36.63
23 09 23 53-0788	EA	DC Power Supply, 24 Volt DC, Hub Mounted (Kele DCP-250-H)	233.63		36.63
23 09 23 53-0789	EA	DC Power Supply, 24 Volt DC, Panel Mounted (Kele DCP-250-P)	245.19		36.63
23 09 23 53-0790	EA	DC Power Supply, 24 Volt AC In To Custom DC Out, At 1.5 Amperes (Kele DCP-1.5-W-C)	181.57		36.63

23 09 23 53-0791		Control Damper Actuators <small>(23 09 23 53-0737)</small>			
23 09 23 53-0792	EA	44 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non Spring Return Direct Coupled Control Damper Actuator (Belimo LMB24-SR)	499.34		98.43
23 09 23 53-0793	EA	90 IN-LB, 24 Volt AC/DC, 4-20mA, 2-10 Volt DC, Proportional Control, Non Spring Return Direct Coupled Control Damper Actuator (Belimo NMB24-SR)	539.10		98.43
23 09 23 53-0794	EA	90 IN-LB, 2 Position, 24 To 240 Volt AC Spring Return Direct Coupled Control Damper Actuator (Belimo NFBUP)	604.25		98.43
23 09 23 53-0795	EA	175 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo AMB24-SR)	635.38		98.43
23 09 23 53-0796	EA	90 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Spring Return Direct Coupled Control Damper Actuator (Belimo NFB24-SR)	653.85		98.43
23 09 23 53-0797	EA	360 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo GMB24-SR)	726.48		98.43

23 09 43 Pneumatic Control System For HVAC (23 09)23 09 43 00-0001 Pneumatic Tubing For HVAC Instrumentation and Control Devices (23 09 43)23 09 43 00-0002 Polyurethane Pneumatic Tubing (23 09 43 00-0001)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 09 43 00-0003	LF		1/4" Outside Diameter x 1/32" Thick Wall Polyurethane Pneumatic Tubing	2.46	0.96
23 09 43 00-0004	LF		5/32" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing	3.11	0.99
23 09 43 00-0005	LF		3/8" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing	4.07	1.02
23 09 43 00-0006	LF		1/2" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing	5.16	1.05
23 09 43 00-0007			Fire Resistant Polyethylene Pneumatic Tubing (23 09 43 00-0001)		
23 09 43 00-0008	LF		1/4" Outside Diameter x .040" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	2.19	0.96
23 09 43 00-0009	LF		5/32" Outside Diameter x .030" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	2.36	0.99
23 09 43 00-0010	LF		3/8" Outside Diameter x .062" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	2.70	1.02
23 09 43 00-0011	LF		1/2" Outside Diameter x .062" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	3.36	1.05
23 09 43 00-0012			Nylon Pneumatic Tubing (23 09 43 00-0001)		
23 09 43 00-0013	LF		1/8" Outside Diameter x .016" Thick Wall Nylon Pneumatic Tubing	2.59	0.93
23 09 43 00-0014	LF		1/4" Outside Diameter x .035" Thick Wall Nylon Pneumatic Tubing	3.43	0.96
23 09 43 00-0015	LF		3/8" Outside Diameter x .050" Thick Wall Nylon Pneumatic Tubing	5.18	1.02
23 09 43 00-0016	LF		1/2" Outside Diameter x .062" Thick Wall Nylon Pneumatic Tubing	6.65	1.05
23 09 43 00-0017			Flexible Vinyl Pneumatic Tubing (23 09 43 00-0001)		
23 09 43 00-0018	LF		1/4" Outside Diameter Flexible Vinyl Pneumatic Tubing	2.53	0.96
23 09 43 00-0019	LF		3/8" Outside Diameter Flexible Vinyl Pneumatic Tubing	4.10	1.02
23 09 43 00-0020	LF		1/2" Outside Diameter Flexible Vinyl Pneumatic Tubing	4.94	1.05
23 09 43 00-0021	LF		5/8" Outside Diameter Flexible Vinyl Pneumatic Tubing	6.01	1.08
23 09 43 00-0022	LF		3/4" Outside Diameter Flexible Vinyl Pneumatic Tubing	6.80	1.11
23 09 43 00-0023	LF		1" Outside Diameter Flexible Vinyl Pneumatic Tubing	9.32	1.13
23 09 43 00-0024			Braided Vinyl Pneumatic Tubing (23 09 43 00-0001)		
23 09 43 00-0025	LF		5/8" Outside Diameter Braided Vinyl Pneumatic Tubing	3.43	1.08
23 09 43 00-0026	LF		3/4" Outside Diameter Braided Vinyl Pneumatic Tubing	3.99	1.11
23 09 43 00-0027	LF		1" Outside Diameter Braided Vinyl Pneumatic Tubing	4.99	1.13
23 09 43 00-0028			Copper Pneumatic Tubing (23 09 43 00-0001)		
23 09 43 00-0029	LF		1/4" Outside Diameter Copper Pneumatic Tubing	5.03	2.07
23 09 43 00-0030	LF		3/8" Outside Diameter Copper Pneumatic Tubing	6.06	2.38
23 09 43 00-0031	LF		1/2" Outside Diameter Copper Pneumatic Tubing	7.02	2.74
23 09 43 00-0032	LF		5/8" Outside Diameter Copper Pneumatic Tubing	8.55	3.16
23 09 43 00-0033	LF		3/4" Outside Diameter Copper Pneumatic Tubing	9.74	3.63
23 09 43 00-0034			Brass Couplings (23 09 43 00-0001)		
			See CSI section 22 11 16 00-0368 for copper tubing.		
23 09 43 00-0035			Straight Brass Couplings (23 09 43 00-0034)		
			Note: Barb x Barb		
23 09 43 00-0036	EA		1/4" x 1/4" Straight Brass Coupling	11.21	5.23
23 09 43 00-0037	EA		3/8" x 1/4" Straight Brass Coupling	11.33	5.23
23 09 43 00-0038	EA		3/8" x 3/8" Straight Brass Coupling	11.45	5.23
23 09 43 00-0039			Elbow Brass Couplings (23 09 43 00-0034)		
			Note: Barb x Barb		
23 09 43 00-0040	EA		1/4" x 1/4" Elbow Brass Coupling	11.89	5.23
23 09 43 00-0041	EA		3/8" x 3/8" Elbow Brass Coupling	12.31	5.23
23 09 43 00-0042			Tee Brass Couplings (23 09 43 00-0034)		
			Note: Barb x Barb		
23 09 43 00-0043	EA		1/4" x 1/4" x 1/4" Tee Brass Coupling	18.16	8.13
23 09 43 00-0044	EA		3/8" x 3/8" x 1/4" Tee Brass Coupling	20.81	8.71
23 09 43 00-0045	EA		3/8" x 3/8" x 3/8" Tee Brass Coupling	20.37	8.71

23 10 Facility Fuel Systems (23)

23 11 Facility Fuel Piping (23 10)

23 11 23 Facility Natural-Gas Piping (23 11)

See CSI section 23 21 13 23-0001 for threaded black steel pipe, 33 52 16 00-0000 for underground MDPE and HDPE pipe.

23 11 23 00-0001 Corrugated Stainless Steel Tubing (CSST), Flexible Gas Piping (23 11 23)

23 11 23 00-0002 Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (23 11 23 00-0001)

Note: Includes UV resistant polyethylene jacket. Excludes fittings and pipe hangers.

23 11 23 00-0003	LF		3/8" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	6.17	2.04
23 11 23 00-0004	LF		1/2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	6.77	2.21
23 11 23 00-0005	LF		3/4" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	8.10	2.39
23 11 23 00-0006	LF		1" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	10.22	2.52
23 11 23 00-0007	LF		1-1/4" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	12.03	2.65
23 11 23 00-0008	LF		1-1/2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	18.24	2.76
23 11 23 00-0009	LF		2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	24.66	2.94

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 10 Facility Fuel Systems****23 11 Facility Fuel Piping**
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23 11 23 00-0010		Fittings And Accessories For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0001)</small>	
23 11 23 00-0011		Male Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small>	
23 11 23 00-0012	EA	3/8" x 1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	29.44
23 11 23 00-0013	EA	3/8" x 3/8", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	29.44
23 11 23 00-0014	EA	1/2" x 3/8", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	31.55
23 11 23 00-0015	EA	1/2" x 1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	31.55
23 11 23 00-0016	EA	3/4" x 3/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	37.87
23 11 23 00-0017	EA	1" x 3/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	51.95
23 11 23 00-0018	EA	1" x 1", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	51.95
23 11 23 00-0019	EA	1-1/4" x 1-1/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	87.89
23 11 23 00-0020	EA	1-1/2" x 1-1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	160.39
23 11 23 00-0021	EA	2" x 2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	259.33
23 11 23 00-0022		Female Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small>	
23 11 23 00-0023	EA	3/8" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	28.52
23 11 23 00-0024	EA	1/2" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	31.55
23 11 23 00-0025	EA	1/2" x 3/8", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	31.55
23 11 23 00-0026	EA	3/4" x 3/4", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	37.87
23 11 23 00-0027	EA	3/4" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	37.87
23 11 23 00-0028	EA	1" x 3/4", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	49.70
23 11 23 00-0029	EA	1" x 1", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	49.70
23 11 23 00-0030		Reducing Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small>	
23 11 23 00-0031	EA	3/4" x 1/2", (CSST x Threaded) Reducing Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	38.42
23 11 23 00-0032	EA	1" x 3/4", (CSST x Threaded) Reducing Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	50.52
23 11 23 00-0033		Couplings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small>	
23 11 23 00-0034	EA	3/8" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	39.41
23 11 23 00-0035	EA	1/2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	43.70
23 11 23 00-0036	EA	3/4" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	54.77
23 11 23 00-0037	EA	1" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	78.32
23 11 23 00-0038	EA	1-1/4" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	146.17
23 11 23 00-0039	EA	1-1/2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	284.79
23 11 23 00-0040	EA	2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	472.51
23 11 23 00-0041		Tees For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small>	
23 11 23 00-0042	EA	1/2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	54.51
23 11 23 00-0043	EA	3/4" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	87.41
23 11 23 00-0044	EA	1" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	138.14
23 11 23 00-0045	EA	1-1/4" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	237.23
23 11 23 00-0046	EA	1-1/2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	255.05
23 11 23 00-0047	EA	2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	292.76
23 11 23 00-0048		Indoor Termination Fittings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small>	
23 11 23 00-0049	EA	3/8" x 1/2", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	35.42
23 11 23 00-0050	EA	1/2" x 1/2", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	36.63
23 11 23 00-0051	EA	3/4" x 3/4", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	39.84
23 11 23 00-0052	EA	1" x 3/4", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	53.45
23 11 23 00-0053	EA	1" x 1", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	54.22
23 11 23 00-0054		Outdoor Termination Fittings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small>	
23 11 23 00-0055	EA	3/8" x 1/2", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	39.00
23 11 23 00-0056	EA	1/2" x 1/2", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	40.06

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0057 EA 3/4" x 3/4", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	47.11	
23 11 23 00-0058 EA 1" x 3/4", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	55.48	
23 11 23 00-0059 EA 1" x 1", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	55.48	
23 11 23 00-0060 Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (23 11 23 00-0010)		
23 11 23 00-0061 EA 3/8" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	61.46	
23 11 23 00-0062 EA 1/2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	63.02	
23 11 23 00-0063 EA 3/4" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	66.08	
23 11 23 00-0064 EA 1" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	104.58	
23 11 23 00-0065 EA 1-1/4" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	108.56	
23 11 23 00-0066 EA 1-1/2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	156.22	
23 11 23 00-0067 EA 2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	194.09	
23 11 23 00-0068 Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (23 11 23 00-0010)		
23 11 23 00-0069 EA 3/8" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	64.92	
23 11 23 00-0070 EA 1/2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	66.42	
23 11 23 00-0071 EA 3/4" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	73.22	
23 11 23 00-0072 EA 1" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	131.86	
23 11 23 00-0073 EA 1-1/4" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	136.07	
23 11 23 00-0074 EA 1-1/2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	186.89	
23 11 23 00-0075 EA 2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	235.65	
23 11 23 00-0076 Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (23 11 23 00-0010)		
23 11 23 00-0077 EA 1/2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	37.56	
23 11 23 00-0078 EA 3/4" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	40.54	
23 11 23 00-0079 EA 1" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	61.42	
23 11 23 00-0080 EA 1-1/4" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	94.30	
23 11 23 00-0081 EA 1-1/2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	182.75	
23 11 23 00-0082 EA 2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	290.67	
23 11 23 00-0083 Stub-Outs For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (23 11 23 00-0010)		
Note: Includes mounting plate.		
23 11 23 00-0084 EA 1/2" Appliance Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	32.41	
23 11 23 00-0085 EA 3/4" Appliance Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	35.33	
23 11 23 00-0086 EA 1/2" Fireplace Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	32.44	
23 11 23 00-0087 EA 1/2" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	32.55	
23 11 23 00-0088 EA 3/4" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	33.94	
23 11 23 00-0089 EA 1" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	40.31	
23 11 23 00-0090 EA 1-1/4" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	48.45	
23 11 23 00-0091 Flush Mount Gas Valve Kits For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (23 11 23 00-0010)		
Note: Includes flush fitting plastic valve box and 90 degree brass shut-off valve.		
23 11 23 00-0092 EA 1/2" x 1/2", (CSST x Threaded) Flush Mount Gas Valve Kit For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	91.48	21.38
23 11 23 00-0093 EA 3/4" x 3/4", (CSST x Threaded) Flush Mount Gas Valve Kit For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	103.31	22.44
23 11 23 00-0094 Shut-Off Valves For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (23 11 23 00-0010)		
23 11 23 00-0095 EA 3/8" x 1/2", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	65.70	18.71
23 11 23 00-0096 EA 1/2" x 1/2", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	76.45	22.23
23 11 23 00-0097 EA 3/4" x 3/4", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	93.79	26.73
23 11 23 00-0098 EA 1" x 3/4", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	117.39	35.70
23 11 23 00-0099 Manifolds For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (23 11 23 00-0010)		
Note: Includes mounting hardware.		
23 11 23 00-0100 EA 1/2" Inlet, Three 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	80.67	22.23
23 11 23 00-0101 EA 3/4" Inlet, Three 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	91.58	26.73
23 11 23 00-0102 EA 1/2" Inlet, Four 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	86.38	22.23
23 11 23 00-0103 EA 3/4" Inlet, Four 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	95.28	26.73

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 10 Facility Fuel Systems****23 11 Facility Fuel Piping**
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23 11 23 00-0104	EA	2" x 1-1/2" Inlet, Four 1" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	182.02	66.81
23 11 23 00-0105		Pressure Regulators For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small>		
23 11 23 00-0106	EA	1/2" Port, 250 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	85.29	22.23
23 11 23 00-0107	EA	1/2" Port, 355 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	85.29	22.23
23 11 23 00-0108	EA	1/2" Port, 425 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	119.44	22.23
23 11 23 00-0109	EA	3/4" Port, 550 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	128.34	26.73
23 11 23 00-0110	EA	3/4" Port, 810 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	128.34	26.73
23 11 23 00-0111	EA	1" Port, 550 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	146.16	35.70
23 11 23 00-0112	EA	1-1/4" Port, 1,000 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	218.33	40.08
23 11 23 00-0113	EA	1/2" Port, 200 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	113.40	22.23
23 11 23 00-0114	EA	3/4" Port, 425 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	282.98	26.73
23 11 23 00-0115	EA	1-1/4" Port, 900 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	687.68	40.08
23 11 23 00-0116		Polymer Coated Stainless Steel, Flexible Gas Appliance Connectors (Brass Craft) <small>(23 11 23)</small>		
23 11 23 00-0117		3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) <small>(23 11 23 00-0116)</small>		
23 11 23 00-0118	EA	12" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-12).....	48.94	16.04
23 11 23 00-0119	EA	18" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-18).....	54.07	17.10
23 11 23 00-0120	EA	24" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-24).....	58.98	17.10
23 11 23 00-0121	EA	30" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-30).....	62.00	18.17
23 11 23 00-0122	EA	36" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-36).....	65.91	18.17
23 11 23 00-0123	EA	48" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-48).....	74.91	19.24
23 11 23 00-0124	EA	60" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-60).....	83.07	19.24
23 11 23 00-0125	EA	72" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-72).....	91.13	20.31
23 11 23 00-0126		3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) <small>(23 11 23 00-0116)</small>		
23 11 23 00-0127	EA	12" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-12).....	48.94	16.04
23 11 23 00-0128	EA	18" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-18).....	54.07	17.10
23 11 23 00-0129	EA	24" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-24).....	58.98	17.10
23 11 23 00-0130	EA	30" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-30).....	62.00	18.17
23 11 23 00-0131	EA	36" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-36).....	65.91	18.17
23 11 23 00-0132	EA	48" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-48).....	74.91	19.24
23 11 23 00-0133	EA	60" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-60).....	83.07	19.24
23 11 23 00-0134	EA	72" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-72).....	91.13	20.31
23 11 23 00-0135		3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) <small>(23 11 23 00-0116)</small>		
23 11 23 00-0136	EA	12" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-12).....	48.94	16.04
23 11 23 00-0137	EA	18" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-18).....	54.07	17.10
23 11 23 00-0138	EA	24" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-24).....	58.98	17.10
23 11 23 00-0139	EA	30" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-30).....	62.00	18.17
23 11 23 00-0140	EA	36" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-36).....	65.91	18.17
23 11 23 00-0141	EA	48" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-48).....	74.91	19.24
23 11 23 00-0142	EA	60" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-60).....	83.07	19.24
23 11 23 00-0143	EA	72" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-72).....	91.13	20.31
23 11 23 00-0144		3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) <small>(23 11 23 00-0116)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0145 EA 12" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-12).....	48.94	16.04
23 11 23 00-0146 EA 18" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-18).....	54.07	17.10
23 11 23 00-0147 EA 24" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-24).....	71.80	17.10
23 11 23 00-0148 EA 30" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-30).....	62.00	18.17
23 11 23 00-0149 EA 36" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-36).....	65.91	18.17
23 11 23 00-0150 EA 48" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-48).....	74.91	19.24
23 11 23 00-0151 EA 60" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-60).....	83.07	19.24
23 11 23 00-0152 EA 72" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-72).....	91.13	20.31
23 11 23 00-0153 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) ^(23 11 23 00-0116)		
23 11 23 00-0154 EA 12" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-12).....	53.89	16.04
23 11 23 00-0155 EA 18" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-18).....	60.21	17.10
23 11 23 00-0156 EA 24" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-24).....	58.98	17.10
23 11 23 00-0157 EA 30" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-30).....	69.83	18.17
23 11 23 00-0158 EA 36" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-36).....	65.91	18.17
23 11 23 00-0159 EA 48" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-48).....	74.91	19.24
23 11 23 00-0160 EA 60" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-60).....	83.07	19.24
23 11 23 00-0161 EA 72" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-72).....	91.13	20.31
23 11 23 00-0162 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) ^(23 11 23 00-0116)		
23 11 23 00-0163 EA 12" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-12).....	48.94	16.04
23 11 23 00-0164 EA 24" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-24).....	66.24	17.10
23 11 23 00-0165 EA 30" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-30).....	62.00	18.17
23 11 23 00-0166 EA 36" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-36).....	65.91	18.17
23 11 23 00-0167 EA 48" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-48).....	74.91	19.24
23 11 23 00-0168 EA 60" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-60).....	96.14	19.24
23 11 23 00-0169 EA 72" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-72).....	91.13	20.31
23 11 23 00-0170 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) ^(23 11 23 00-0116)		
23 11 23 00-0171 EA 12" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-12).....	48.94	16.04
23 11 23 00-0172 EA 18" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-18).....	54.07	17.10
23 11 23 00-0173 EA 24" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-24).....	58.98	17.10
23 11 23 00-0174 EA 30" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-30).....	62.00	18.17
23 11 23 00-0175 EA 36" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-36).....	65.91	18.17
23 11 23 00-0176 EA 48" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-48).....	74.91	19.24
23 11 23 00-0177 EA 60" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-60).....	83.07	19.24
23 11 23 00-0178 EA 72" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-72).....	91.13	20.31
23 11 23 00-0179 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) ^(23 11 23 00-0116)		
23 11 23 00-0180 EA 12" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-12).....	48.94	16.04
23 11 23 00-0181 EA 18" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-18).....	54.07	17.10
23 11 23 00-0182 EA 24" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-24).....	58.98	17.10
23 11 23 00-0183 EA 30" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-30).....	62.00	18.17

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 10 Facility Fuel Systems****23 11 Facility Fuel Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 11 23 00-0184	EA	36" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-36).....	65.91	18.17
23 11 23 00-0185	EA	48" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-48).....	74.91	19.24
23 11 23 00-0186	EA	60" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-60).....	83.07	19.24
23 11 23 00-0187	EA	72" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-72).....	91.13	20.31
23 11 23 00-0188		3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) (23 11 23 00-0116)		
23 11 23 00-0189	EA	18" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-18).....	60.21	17.10
23 11 23 00-0190	EA	24" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-24).....	58.98	17.10
23 11 23 00-0191	EA	30" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-30).....	69.83	18.17
23 11 23 00-0192	EA	36" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-36).....	74.57	18.17
23 11 23 00-0193	EA	48" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-48).....	85.91	19.24
23 11 23 00-0194		1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) (23 11 23 00-0116)		
23 11 23 00-0195	EA	12" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-12).....	48.94	16.04
23 11 23 00-0196	EA	18" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-18).....	54.07	17.10
23 11 23 00-0197	EA	24" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-24).....	53.84	17.10
23 11 23 00-0198	EA	30" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-30).....	62.00	18.17
23 11 23 00-0199	EA	36" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-36).....	59.77	18.17
23 11 23 00-0200	EA	48" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-48).....	76.78	19.24
23 11 23 00-0201	EA	60" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-60).....	83.07	19.24
23 11 23 00-0202	EA	72" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-72).....	91.13	20.31
23 11 23 00-0203		1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) (23 11 23 00-0116)		
23 11 23 00-0204	EA	12" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-12).....	48.94	16.04
23 11 23 00-0205	EA	18" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-18).....	49.89	17.10
23 11 23 00-0206	EA	24" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-24).....	51.01	17.10
23 11 23 00-0207	EA	30" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-30).....	62.00	18.17
23 11 23 00-0208	EA	36" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-36).....	65.91	18.17
23 11 23 00-0209	EA	48" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-48).....	66.90	19.24
23 11 23 00-0210	EA	60" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-60).....	83.07	19.24
23 11 23 00-0211	EA	72" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-72).....	91.13	20.31
23 11 23 00-0212		1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) (23 11 23 00-0116)		
23 11 23 00-0213	EA	12" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-12).....	48.94	16.04
23 11 23 00-0214	EA	18" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-18).....	54.07	17.10
23 11 23 00-0215	EA	24" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-24).....	58.98	17.10
23 11 23 00-0216	EA	30" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-30).....	62.00	18.17
23 11 23 00-0217	EA	36" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-36).....	55.50	18.17
23 11 23 00-0218	EA	48" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-48).....	74.91	19.24
23 11 23 00-0219	EA	60" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-60).....	83.07	19.24
23 11 23 00-0220	EA	72" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-72).....	91.13	20.31
23 11 23 00-0221		3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) (23 11 23 00-0116)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0222	EA		12" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-12).....	66.55	16.04
23 11 23 00-0223	EA		18" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-18).....	71.65	17.10
23 11 23 00-0224	EA		24" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-24).....	76.55	17.10
23 11 23 00-0225	EA		30" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-30).....	79.55	18.17
23 11 23 00-0226	EA		36" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-36).....	83.62	18.17
23 11 23 00-0227	EA		48" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-48).....	92.07	19.24
23 11 23 00-0228	EA		60" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-60).....	100.94	19.24
23 11 23 00-0229	EA		72" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-72).....	109.03	20.31
23 11 23 00-0230			3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) <small>(23 11 23 00-0116)</small>		
23 11 23 00-0231	EA		12" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-12).....	77.24	21.38
23 11 23 00-0232	EA		18" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-18).....	82.34	22.44
23 11 23 00-0233	EA		24" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-24).....	87.24	22.44
23 11 23 00-0234	EA		30" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-30).....	90.25	23.51
23 11 23 00-0235	EA		36" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-36).....	94.30	23.51
23 11 23 00-0236	EA		48" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-48).....	102.76	24.58
23 11 23 00-0237	EA		60" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-60).....	111.63	24.58
23 11 23 00-0238	EA		72" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-72).....	119.72	25.66
23 11 23 00-0239			3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) <small>(23 11 23 00-0116)</small>		
23 11 23 00-0240	EA		12" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-12).....	77.24	21.38
23 11 23 00-0241	EA		18" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-18).....	82.34	22.44
23 11 23 00-0242	EA		24" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-24).....	87.24	22.44
23 11 23 00-0243	EA		30" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-30).....	90.25	23.51
23 11 23 00-0244	EA		36" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-36).....	94.30	23.51
23 11 23 00-0245	EA		48" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-48).....	102.76	24.58
23 11 23 00-0246	EA		60" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-60).....	111.63	24.58
23 11 23 00-0247	EA		72" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-72).....	119.72	25.66
23 11 23 00-0248			3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) <small>(23 11 23 00-0116)</small>		
23 11 23 00-0249	EA		12" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-12).....	91.56	21.38
23 11 23 00-0250	EA		18" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-18).....	96.65	22.44
23 11 23 00-0251	EA		24" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-24).....	101.55	22.44
23 11 23 00-0252	EA		30" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-30).....	104.56	23.51
23 11 23 00-0253	EA		36" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-36).....	108.64	23.51
23 11 23 00-0254	EA		48" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-48).....	117.09	24.58
23 11 23 00-0255	EA		60" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-60).....	125.96	24.58
23 11 23 00-0256			3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) <small>(23 11 23 00-0116)</small>		
23 11 23 00-0257	EA		12" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-12).....	91.56	21.38
23 11 23 00-0258	EA		18" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-18).....	96.65	22.44
23 11 23 00-0259	EA		24" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-24).....	101.55	22.44
23 11 23 00-0260	EA		36" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-36).....	108.64	23.51

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 10 Facility Fuel Systems****23 11 Facility Fuel Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 11 23 00-0261	EA	48" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-48).....	117.09	24.58
23 11 23 00-0262	EA	60" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-60).....	125.96	24.58
23 11 23 00-0263		1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) (23 11 23 00-0116)		
23 11 23 00-0264	EA	12" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-12).....	91.56	21.38
23 11 23 00-0265	EA	18" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-18).....	96.65	22.44
23 11 23 00-0266	EA	24" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-24).....	101.55	22.44
23 11 23 00-0267	EA	30" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-30).....	104.56	23.51
23 11 23 00-0268	EA	36" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-36).....	108.64	23.51
23 11 23 00-0269	EA	48" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-48).....	117.09	24.58
23 11 23 00-0270	EA	60" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-60).....	125.96	24.58
23 11 23 00-0271	EA	72" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-72).....	134.03	25.66
23 11 23 00-0272		1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) (23 11 23 00-0116)		
23 11 23 00-0273	EA	12" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-12).....	73.47	21.38
23 11 23 00-0274	EA	18" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-18).....	78.58	22.44
23 11 23 00-0275	EA	24" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-24).....	83.51	22.44
23 11 23 00-0276	EA	30" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-30).....	86.49	23.51
23 11 23 00-0277	EA	36" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-36).....	90.55	23.51
23 11 23 00-0278	EA	48" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-48).....	98.99	24.58
23 11 23 00-0279	EA	72" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-72).....	115.91	25.66
23 11 23 00-0280		1/2" FIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) (23 11 23 00-0116)		
23 11 23 00-0281	EA	18" Length, 1/2" FIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC5K-18).....	88.77	22.44
23 11 23 00-0282	EA	24" Length, 1/2" FIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC5K-24).....	94.82	22.44
23 11 23 00-0283		Quarter-Turn, Gas Ball Valve (23 11 23)		
23 11 23 00-0284	EA	3/8" FIP x FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top™ T-3000 102-102).....	43.85	11.38
23 11 23 00-0285	EA	1/2" FIP x FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-103).....	43.68	11.61
23 11 23 00-0286	EA	3/4" FIP x FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-104).....	63.40	12.77
23 11 23 00-0287	EA	3/8" Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-112).....	43.41	11.38
23 11 23 00-0288	EA	1/2" Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-113).....	45.73	11.61
23 11 23 00-0289	EA	1/2" Flare x 3/4" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-118).....	51.79	11.61
23 11 23 00-0290	EA	5/8" Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-121).....	55.73	12.18
23 11 23 00-0291	EA	5/8" (7/8"-14) Flare x 3/4" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-114).....	58.81	12.18
23 11 23 00-0292	EA	5/8" (15/16"-16) Flare x 3/4" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-115).....	58.81	12.18
23 11 23 00-0293	EA	3/8" Flare x Flare, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-312).....	45.72	11.38
23 11 23 00-0294	EA	1/2" Flare x Flare, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-313).....	48.04	11.61
23 11 23 00-0295	EA	5/8" Flare x Flare, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-314).....	60.44	12.18
23 11 23 00-0296	EA	1/2" FIP x 1/8" Texas Pattern, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-413).....	48.34	11.61
23 11 23 00-0297	EA	3/4" FIP x 1/8" Texas Pattern, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-414).....	65.15	12.77
23 11 23 00-0298	EA	3/8" (9/16"-24) Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-119).....	45.60	11.38
23 11 23 00-0299	EA	3/8" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-612).....	43.11	11.38
23 11 23 00-0300	EA	1/2" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-613).....	43.66	11.61
23 11 23 00-0301	EA	3/4" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-614).....	60.08	12.77
23 11 23 00-0302	EA	1" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-615).....	82.50	14.51
23 11 23 00-0303	EA	1-1/4" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-616).....	119.85	15.09
23 11 23 00-0304	EA	1-1/2" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-617).....	142.91	17.41
23 11 23 00-0305	EA	2" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-618).....	177.13	20.89
23 11 23 00-0306	EA	1/2" Flathead, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3002 102-713).....	45.00	11.61
23 11 23 00-0307	EA	3/4" Flathead, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3002 102-714).....	59.67	12.77
23 11 23 00-0308		Gas Stops (23 11 23)		

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 11 23 00-0309	Brass/Bronze Gas Stops (23 11 23 00-0308)		
	Note: Flat or square head		
23 11 23 00-0310	EA 3/8" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	52.93	11.61
23 11 23 00-0311	EA 1/2" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	52.99	11.61
23 11 23 00-0312	EA 3/4" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	69.53	12.77
23 11 23 00-0313	EA 1" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	97.82	14.51
23 11 23 00-0314	EA 1-1/4" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	130.15	15.44
23 11 23 00-0315	EA 1-1/2" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	164.04	17.87
23 11 23 00-0316	EA 2" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	227.60	21.12
23 11 23 00-0317	Iron Body Gas Stops (23 11 23 00-0308)		
23 11 23 00-0318	EA 1/2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	71.49	11.61
23 11 23 00-0319	EA 3/4" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	87.74	12.77
23 11 23 00-0320	EA 1" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	108.80	14.51
23 11 23 00-0321	EA 1-1/4" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	140.82	15.44
23 11 23 00-0322	EA 1-1/2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	177.43	17.87
23 11 23 00-0323	EA 2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	230.65	21.12
23 11 23 00-0324	EA 2-1/2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	447.83	28.54
23 11 23 00-0325	EA 3" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	601.21	33.13
23 11 23 00-0326	Bronze Body Solenoid Valves, 150 PSI Gas (23 11 23)		
23 11 23 00-0327	EA 1/4" Solenoid Valve, Bronze, 150 PSI, Gas	183.39	11.61
23 11 23 00-0328	EA 1/2" Solenoid Valve, Bronze, 150 PSI, Gas	213.84	11.61
23 11 23 00-0329	EA 3/4" Solenoid Valve, Bronze, 150 PSI, Gas	272.28	12.77
23 11 23 00-0330	EA 1" Solenoid Valve, Bronze, 150 PSI, Gas	408.52	14.51
23 11 23 00-0331	EA 1-1/2" Solenoid Valve, Bronze, 150 PSI, Gas	730.69	17.87
23 11 23 00-0332	EA 2" Solenoid Valve, Bronze, 150 PSI, Gas	1,243.90	21.12
23 11 23 00-0333	EA 2-1/2" Solenoid Valve, Bronze, 150 PSI, Gas	1,540.98	28.54
23 11 23 00-0334	EA 3" Solenoid Valve, Bronze, 150 PSI, Gas	2,322.25	33.13
23 11 26 Facility Liquefied-Petroleum Gas Piping (23 11)			
23 11 26 00-0001	Fiberglass Reinforced Plastic Pipe And Fittings (23 11 26)		
23 11 26 00-0002	Fiberglass Reinforced Plastic Pipe (23 11 26 00-0001)		
	Note: For double containment fiberglass pipe, select both outer containment pipe size and inner containment pipe size (add modifier for use as inner pipe).		
23 11 26 00-0003	LF 2" Fiberglass Reinforced Plastic Pipe	20.03	7.70
	For Use As Inner Pipe In Double Wall Pipe System, Deduct	-8.62	
23 11 26 00-0004	LF 3" Fiberglass Reinforced Plastic Pipe	24.00	9.20
	For Use As Inner Pipe In Double Wall Pipe System, Deduct	-10.34	
23 11 26 00-0005	LF 4" Fiberglass Reinforced Plastic Pipe	32.05	13.58
	For Use As Inner Pipe In Double Wall Pipe System, Deduct	-15.23	
23 11 26 00-0006	LF 5" Fiberglass Reinforced Plastic Pipe	37.52	15.60
	For Use As Inner Pipe In Double Wall Pipe System, Deduct	-17.16	
23 11 26 00-0007	LF 6" Fiberglass Reinforced Plastic Pipe	43.71	17.43
	For Use As Inner Pipe In Double Wall Pipe System, Deduct	-19.64	
23 11 26 00-0008	LF 8" Fiberglass Reinforced Plastic Pipe	58.14	20.09
	For Use As Inner Pipe In Double Wall Pipe System, Deduct	-22.57	
23 11 26 00-0009	LF 10" Fiberglass Reinforced Plastic Pipe	76.80	23.88
	For Use As Inner Pipe In Double Wall Pipe System, Deduct	-26.90	
23 11 26 00-0010	LF 12" Fiberglass Reinforced Plastic Pipe	189.76	30.08
	For Use As Inner Pipe In Double Wall Pipe System, Deduct	-33.85	
23 11 26 00-0011	Fiberglass Reinforced Plastic Fittings (23 11 26 00-0001)		
23 11 26 00-0012	Fiberglass Reinforced Plastic Flanged 90 Degree Elbows (23 11 26 00-0011)		
23 11 26 00-0013	EA 2" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	157.39	76.64
	For Use As Inner Pipe In Double Wall Pipe System, Deduct	-86.20	
23 11 26 00-0014	EA 3" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	186.04	92.03
	For Use As Inner Pipe In Double Wall Pipe System, Deduct	-103.44	
23 11 26 00-0015	EA 4" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	222.11	106.89
	For Use As Inner Pipe In Double Wall Pipe System, Deduct	-120.17	
23 11 26 00-0016	EA 5" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	264.76	118.83
	For Use As Inner Pipe In Double Wall Pipe System, Deduct	-131.08	
23 11 26 00-0017	EA 6" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	317.96	133.32
	For Use As Inner Pipe In Double Wall Pipe System, Deduct	-149.91	
23 11 26 00-0018	EA 8" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	451.89	166.60
	For Use As Inner Pipe In Double Wall Pipe System, Deduct	-187.39	
23 11 26 00-0019	EA 10" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	578.65	200.68
	For Use As Inner Pipe In Double Wall Pipe System, Deduct	-225.67	
23 11 26 00-0020	EA 12" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	1,404.68	248.85
	For Use As Inner Pipe In Double Wall Pipe System, Deduct	-279.83	
23 11 26 00-0021	Fiberglass Reinforced Plastic Flanged 45 Degree Elbows (23 11 26 00-0011)		
23 11 26 00-0022	EA 2" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	157.71	76.64
	For Use As Inner Pipe In Double Wall Pipe System, Deduct	-86.20	
23 11 26 00-0023	EA 3" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	186.14	92.03
	For Use As Inner Pipe In Double Wall Pipe System, Deduct	-103.44	
23 11 26 00-0024	EA 4" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	222.42	106.99
	For Use As Inner Pipe In Double Wall Pipe System, Deduct	-120.25	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 10 Facility Fuel Systems****23 11 Facility Fuel Piping**
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23 11 26 00-0025	EA	5" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	277.08 -140.29	127.09
23 11 26 00-0026	EA	6" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	317.85 -149.91	133.32
23 11 26 00-0027	EA	8" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	451.89 -187.39	166.60
23 11 26 00-0028	EA	10" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	1,064.64 -225.67	200.68
23 11 26 00-0029	EA	12" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	1,404.68 -279.83	248.85
23 11 26 00-0030 Fiberglass Reinforced Plastic Flanged Tees (23 11 26 00-0011)				
23 11 26 00-0031	EA	2" Fiberglass Reinforced Plastic Flanged Tee <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	331.17 -129.30	115.01
23 11 26 00-0032	EA	3" Fiberglass Reinforced Plastic Flanged Tee <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	409.65 -155.72	138.52
23 11 26 00-0033	EA	4" Fiberglass Reinforced Plastic Flanged Tee <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	466.24 -180.39	160.43
23 11 26 00-0034	EA	5" Fiberglass Reinforced Plastic Flanged Tee <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	591.58 -210.52	190.58
23 11 26 00-0035	EA	6" Fiberglass Reinforced Plastic Flanged Tee <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	696.87 -225.67	200.68
23 11 26 00-0036	EA	8" Fiberglass Reinforced Plastic Flanged Tee <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	876.74 -279.83	248.85
23 11 26 00-0037	EA	10" Fiberglass Reinforced Plastic Flanged Tee <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	1,406.34 -338.51	301.02
23 11 26 00-0038	EA	12" Fiberglass Reinforced Plastic Flanged Tee <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	1,881.09 -411.51	365.98
23 11 26 00-0039 Fiberglass Reinforced Plastic Flanged Wyes (23 11 26 00-0011)				
23 11 26 00-0040	EA	2" Fiberglass Reinforced Plastic Flanged Wye <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	438.63 -129.30	115.01
23 11 26 00-0041	EA	3" Fiberglass Reinforced Plastic Flanged Wye <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	563.19 -155.52	138.31
23 11 26 00-0042	EA	4" Fiberglass Reinforced Plastic Flanged Wye <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	661.60 -180.38	160.43
23 11 26 00-0043	EA	5" Fiberglass Reinforced Plastic Flanged Wye <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	757.93 -210.52	190.58
23 11 26 00-0044	EA	6" Fiberglass Reinforced Plastic Flanged Wye <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	834.23 -225.67	200.68
23 11 26 00-0045	EA	8" Fiberglass Reinforced Plastic Flanged Wye <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	1,093.97 -279.83	248.85
23 11 26 00-0046	EA	10" Fiberglass Reinforced Plastic Flanged Wye <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	1,680.33 -338.51	301.02
23 11 26 00-0047	EA	12" Fiberglass Reinforced Plastic Flanged Wye <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	2,179.76 -411.51	365.98
23 11 26 00-0048 Fiberglass Reinforced Plastic Flanged Concentric Reducers (23 11 26 00-0011)				
23 11 26 00-0049	EA	2" Fiberglass Reinforced Plastic Flanged Concentric Reducer <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	249.46 -86.20	76.64
23 11 26 00-0050	EA	3" Fiberglass Reinforced Plastic Flanged Concentric Reducer <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	323.40 -103.44	92.03
23 11 26 00-0051	EA	4" Fiberglass Reinforced Plastic Flanged Concentric Reducer <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	354.56 -120.25	106.99
23 11 26 00-0052	EA	5" Fiberglass Reinforced Plastic Flanged Concentric Reducer <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	411.51 -140.29	127.09
23 11 26 00-0053	EA	6" Fiberglass Reinforced Plastic Flanged Concentric Reducer <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	454.52 -149.91	133.32
23 11 26 00-0054	EA	8" Fiberglass Reinforced Plastic Flanged Concentric Reducer <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	604.79 -187.39	166.60
23 11 26 00-0055	EA	10" Fiberglass Reinforced Plastic Flanged Concentric Reducer <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	773.38 -225.67	200.68
23 11 26 00-0056	EA	12" Fiberglass Reinforced Plastic Flanged Concentric Reducer <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	1,057.61 -279.83	248.85
23 11 26 00-0057 Fiberglass Reinforced Plastic Bell x Male Or Female Adapters (23 11 26 00-0011)				
23 11 26 00-0058	EA	2" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	201.43 -86.20	76.64
23 11 26 00-0059	EA	3" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	231.68 -103.44	92.03
23 11 26 00-0060	EA	4" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	262.93 -120.25	106.99
23 11 26 00-0061	EA	4" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	321.75 -140.29	127.09
23 11 26 00-0062	EA	6" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	366.69 -149.91	133.32
23 11 26 00-0063	EA	8" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	362.80 -187.39	166.60
23 11 26 00-0064	EA	10" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	463.19 -225.67	200.68
23 11 26 00-0065	EA	12" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	726.02 -279.83	248.85

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 11 26 00-0066 Fiberglass Reinforced Plastic Nipples <small>(23 11 26 00-0011)</small>					
23 11 26 00-0067	EA		2" x 6" Fiberglass Reinforced Plastic Nipple.....	37.67	9.20
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-10.34	
23 11 26 00-0068	EA		2" x 12" Fiberglass Reinforced Plastic Nipple.....	75.27	18.38
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-20.63	
23 11 26 00-0069	EA		3" x 8" Fiberglass Reinforced Plastic Nipple.....	125.53	14.11
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-15.87	
23 11 26 00-0070	EA		3" x 12" Fiberglass Reinforced Plastic Nipple.....	144.77	18.69
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-21.02	
23 11 26 00-0071	EA		4" x 8" Fiberglass Reinforced Plastic Nipple.....	134.97	13.29
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-14.99	
23 11 26 00-0072	EA		4" x 12" Fiberglass Reinforced Plastic Nipple.....	162.64	19.99
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-22.48	
23 11 26 00-0073	EA		6" x 12" Fiberglass Reinforced Plastic Nipple.....	201.94	22.39
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-24.74	
23 11 26 00-0074	EA		6" x 12" Fiberglass Reinforced Plastic Nipple.....	241.21	23.98
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-27.01	
23 11 26 00-0075	EA		8" x 18" Fiberglass Reinforced Plastic Nipple.....	127.94	27.99
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-31.48	
23 11 26 00-0076	EA		8" x 24" Fiberglass Reinforced Plastic Nipple.....	174.55	39.98
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-44.94	
23 11 26 00-0077	EA		10" x 18" Fiberglass Reinforced Plastic Nipple.....	214.34	28.48
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-32.00	
23 11 26 00-0078	EA		10" x 24" Fiberglass Reinforced Plastic Nipple.....	321.72	42.58
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-47.92	
23 11 26 00-0079	EA		12" x 18" Fiberglass Reinforced Plastic Nipple.....	250.17	29.39
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-33.00	
23 11 26 00-0080	EA		12" x 24" Fiberglass Reinforced Plastic Nipple.....	327.54	43.97
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-49.50	

23 11 26 00-0081 Fiberglass Reinforced Plastic Sleeve Couplings <small>(23 11 26 00-0011)</small>					
23 11 26 00-0082	EA		2" Fiberglass Reinforced Plastic Sleeve Coupling.....	136.87	76.64
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-86.20	
23 11 26 00-0083	EA		3" Fiberglass Reinforced Plastic Sleeve Coupling.....	164.63	92.03
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-103.44	
23 11 26 00-0084	EA		4" Fiberglass Reinforced Plastic Sleeve Coupling.....	190.40	106.99
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-120.25	
23 11 26 00-0085	EA		5" Fiberglass Reinforced Plastic Sleeve Coupling.....	228.63	127.09
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-140.29	
23 11 26 00-0086	EA		6" Fiberglass Reinforced Plastic Sleeve Coupling.....	252.95	133.32
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-149.91	
23 11 26 00-0087	EA		8" Fiberglass Reinforced Plastic Sleeve Coupling.....	327.68	166.60
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-187.39	
23 11 26 00-0088	EA		10" Fiberglass Reinforced Plastic Sleeve Coupling.....	419.41	200.68
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-225.67	
23 11 26 00-0089	EA		12" Fiberglass Reinforced Plastic Sleeve Coupling.....	512.86	248.85
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-279.83	

23 11 26 00-0090 Fiberglass Reinforced Plastic Flanges <small>(23 11 26 00-0011)</small>					
23 11 26 00-0091	EA		2" Fiberglass Reinforced Plastic Flange.....	139.61	76.64
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-86.20	
23 11 26 00-0092	EA		3" Fiberglass Reinforced Plastic Flange.....	168.26	92.03
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-103.44	
23 11 26 00-0093	EA		4" Fiberglass Reinforced Plastic Flange.....	190.68	99.84
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-112.23	
23 11 26 00-0094	EA		5" Fiberglass Reinforced Plastic Flange.....	229.91	118.83
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-131.17	
23 11 26 00-0095	EA		6" Fiberglass Reinforced Plastic Flange.....	268.87	133.32
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-149.91	
23 11 26 00-0096	EA		8" Fiberglass Reinforced Plastic Flange.....	332.93	159.50
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-179.38	
23 11 26 00-0097	EA		10" Fiberglass Reinforced Plastic Flange.....	444.18	200.68
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-225.67	
23 11 26 00-0098	EA		12" Fiberglass Reinforced Plastic Flange.....	611.92	248.85
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-279.83	

23 11 26 00-0099 **Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing And Fittings** (23 11 26)

23 11 26 00-0100 **Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing** (23 11 26 00-0099)

23 11 26 00-0101	LF		2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing.....	118.18	33.03
23 11 26 00-0102	LF		3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing.....	140.85	39.12
23 11 26 00-0103	LF		4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing.....	181.05	57.72
23 11 26 00-0104	LF		6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing.....	253.36	74.82
23 11 26 00-0105	LF		8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing.....	354.73	85.94
23 11 26 00-0106	LF		10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing.....	482.38	101.94
23 11 26 00-0107	LF		12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing.....	616.20	128.62

23 11 26 00-0108 **Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Fittings** (23 11 26 00-0099)

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 10 Facility Fuel Systems****23 11 Facility Fuel Piping**
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 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

		TOTAL DIRECT DEMOLITION UNIT COST UNIT COST	
23 11 26 00-0109 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbows (23 11 26 00-0108)			
23 11 26 00-0110	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow.....	2,070.21 408.73
23 11 26 00-0111	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow.....	2,387.33 490.60
23 11 26 00-0112	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow.....	2,979.20 570.13
23 11 26 00-0113	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow.....	5,119.12 710.87
23 11 26 00-0114	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow.....	8,267.72 888.76
23 11 26 00-0115	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow.....	11,137.43 1,069.25
23 11 26 00-0116	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow.....	14,862.92 1,324.09
23 11 26 00-0117 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbows (23 11 26 00-0108)			
23 11 26 00-0118	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow.....	2,073.38 408.73
23 11 26 00-0119	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow.....	2,381.77 490.60
23 11 26 00-0120	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow.....	2,974.84 570.13
23 11 26 00-0121	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow.....	5,093.43 710.87
23 11 26 00-0122	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow.....	8,230.53 888.76
23 11 26 00-0123	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow.....	11,087.04 1,069.75
23 11 26 00-0124	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow.....	14,798.38 1,327.09
23 11 26 00-0125 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tees (23 11 26 00-0108)			
23 11 26 00-0126	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	2,890.54 613.10
23 11 26 00-0127	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	3,616.22 738.91
23 11 26 00-0128	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	4,085.53 855.63
23 11 26 00-0129	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	6,521.32 1,070.25
23 11 26 00-0130	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	8,243.03 1,327.09
23 11 26 00-0131	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	14,261.88 1,603.52
23 11 26 00-0132	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	19,458.90 1,944.22
23 11 26 00-0133 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wyes (23 11 26 00-0108)			
23 11 26 00-0134	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	4,224.89 613.10
23 11 26 00-0135	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	5,524.67 738.05
23 11 26 00-0136	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	6,511.53 855.63
23 11 26 00-0137	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	8,226.88 1,070.25
23 11 26 00-0138	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	10,940.29 1,327.09
23 11 26 00-0139	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	17,664.00 1,603.52
23 11 26 00-0140	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	23,167.40 1,944.22
23 11 26 00-0141 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducers (23 11 26 00-0108)			
23 11 26 00-0142	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer.....	2,283.14 408.73
23 11 26 00-0143	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer.....	3,038.51 490.60
23 11 26 00-0144	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer.....	3,266.53 570.13
23 11 26 00-0145	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer.....	4,227.58 710.87
23 11 26 00-0146	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer.....	5,739.74 888.76
23 11 26 00-0147	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer.....	7,469.83 1,069.25
23 11 26 00-0148	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer.....	10,484.39 1,324.09
23 11 26 00-0149 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapters (23 11 26 00-0108)			
23 11 26 00-0150	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter.....	1,686.80 408.73
23 11 26 00-0151	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter.....	1,899.65 490.60
23 11 26 00-0152	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter.....	2,128.76 570.13

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 26 00-0153	EA		6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter.....	3,137.04	710.87
23 11 26 00-0154	EA		8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter.....	2,734.97	888.76
23 11 26 00-0155	EA		10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter.....	3,618.32	1,069.25
23 11 26 00-0156	EA		12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter.....	6,367.12	1,324.09
23 11 26 00-0157			Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipples (23 11 26 00-0108)		
23 11 26 00-0158	EA		2" x 6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	370.08	49.06
23 11 26 00-0159	EA		2" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	739.78	97.90
23 11 26 00-0160	EA		3" x 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	1,408.80	75.25
23 11 26 00-0161	EA		3" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	1,599.06	99.64
23 11 26 00-0162	EA		4" x 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	1,534.31	71.06
23 11 26 00-0163	EA		4" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	1,807.22	106.64
23 11 26 00-0164	EA		6" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	2,739.98	128.12
23 11 26 00-0165	EA		8" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	1,291.36	149.31
23 11 26 00-0166	EA		8" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	1,742.90	213.17
23 11 26 00-0167	EA		10" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	2,359.18	151.71
23 11 26 00-0168	EA		10" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	3,542.00	227.26
23 11 26 00-0169	EA		12" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	2,794.58	156.51
23 11 26 00-0170	EA		12" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	3,599.49	234.75
23 11 26 00-0171			Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanges (23 11 26 00-0108)		
23 11 26 00-0172	EA		4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange.....	1,307.63	532.28
23 11 26 00-0173	EA		6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange.....	1,922.39	710.87
23 11 26 00-0174	EA		8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange.....	2,439.80	850.89
23 11 26 00-0175	EA		10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange.....	3,382.21	1,069.25
23 11 26 00-0176	EA		12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange.....	4,950.41	1,324.09
23 12 Facility Fuel Pumps (23 10)					
23 12 13 Facility Fuel-Oil Pumps (23 12)					
23 12 13 00-0001			Cast Iron Internal Gear Rotary Pump (23 12 13) Note: Heavy duty type with relief valve, 1150 RPM drip-proof motor, common base plate. For viscosity to 20 centipoise; diesel oil, and light oil.		
23 12 13 00-0002			10 GPM 1" Discharge (23 12 13 00-0001)		
23 12 13 00-0003	EA		10 GPM Cast Iron Rotary Pump, 20 PSI 1/2 HP With 1" Discharge.....	1,646.59	310.14
23 12 13 00-0004	EA		10 GPM Cast Iron Rotary Pump, 40 PSI 3/4 HP With 1" Discharge.....	1,722.39	375.37
23 12 13 00-0005	EA		10 GPM Cast Iron Rotary Pump, 60 PSI 1 HP With 1" Discharge.....	1,881.86	445.96
23 12 13 00-0006			25 GPM 1-1/4" Discharge (23 12 13 00-0001)		
23 12 13 00-0007	EA		25 GPM Cast Iron Rotary Pump, 20 PSI 1 HP With 1-1/4" Discharge.....	1,758.67	310.14
23 12 13 00-0008	EA		25 GPM Cast Iron Rotary Pump, 40 PSI 1.5 HP With 1-1/4" Discharge.....	1,849.78	375.37
23 12 13 00-0009	EA		25 GPM Cast Iron Rotary Pump, 60 PSI 2 HP With 1-1/4" Discharge.....	1,940.71	445.96
23 12 13 00-0010			Pump, Fuel Oil, 2 Stage 3450 RPM 100 PSI (23 12 13)		
23 12 13 00-0011	EA		1/4 HP Pump Fuel Oil/Diesel.....	1,231.09	173.78
23 12 13 00-0012	EA		1/3 HP Pump Fuel Oil/Diesel.....	1,448.16	194.64
23 12 13 00-0013	EA		1/2 HP Pump Fuel Oil/Diesel.....	1,582.93	218.17
23 12 13 00-0014	EA		3/4 HP Pump Fuel Oil/Diesel.....	1,726.28	245.97
23 12 13 00-0015	EA		1 HP Pump Fuel Oil/Diesel.....	2,433.78	273.78
23 12 13 00-0016	EA		1-1/2 HP Pump Fuel Oil/Diesel.....	2,978.87	306.39
23 12 13 00-0017	EA		2 HP Pump Fuel Oil/Diesel.....	3,300.90	343.29
23 12 13 00-0018	EA		3 HP Pump Fuel Oil/Diesel.....	4,027.42	383.93
23 12 13 00-0019	EA		5 HP Pump Fuel Oil/Diesel.....	4,749.14	430.46
23 12 13 00-0020	EA		7.5 HP Pump Fuel Oil/Diesel.....	5,317.24	482.86
23 12 13 00-0021	EA		10 HP Pump Fuel Oil/Diesel.....	5,961.59	541.24
23 12 16 Facility Gasoline Dispensing Pumps (23 12)					
23 12 16 00-0001			Unloading Hose And Accessories (23 12 16)		
23 12 16 00-0002			Hoses With Braided Rayon Cord, Neoprene Cover, And End Couplings (23 12 16 00-0001)		
23 12 16 00-0003			Two Braid Hose x 25' (23 12 16 00-0002)		
23 12 16 00-0004	EA		3/4" x 1-3/4", 2-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings.....	386.20	43.31
23 12 16 00-0005	EA		1" x 1-1/2", 2-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings.....	472.53	43.31
23 12 16 00-0006	EA		1-1/4" x 1-3/4", 2-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings.....	713.28	43.31
23 12 16 00-0007			Two Braid Hose x 50' (23 12 16 00-0002)		
23 12 16 00-0008	EA		3/4" x 1-3/4", 2-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings.....	768.51	87.71
23 12 16 00-0009	EA		1" x 1-1/2", 2-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings.....	937.37	87.71

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 10 Facility Fuel Systems****23 12 Facility Fuel Pumps**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 12 16 00-0010	EA		1-1/4" x 1-3/4", 2-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	1,424.11	87.71
23 12 16 00-0011			Three Braid Hose x 25' <small>(23 12 16 00-0002)</small>		
23 12 16 00-0012	EA		1-1/2" x 2-3/32", 3-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	1,161.94	43.31
23 12 16 00-0013	EA		2" x 2-21/32", 3-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	1,429.27	58.47
23 12 16 00-0014	EA		2-1/2" x 3-3/16", 3-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	2,039.61	72.54
23 12 16 00-0015	EA		3" x 3-3/4", 3-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	2,571.91	87.71
23 12 16 00-0016			Three Braid Hose x 50' <small>(23 12 16 00-0002)</small>		
23 12 16 00-0017	EA		1-1/2" x 2-3/32", 3-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	2,046.65	87.71
23 12 16 00-0018	EA		2" x 2-21/32", 3-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	2,478.21	115.85
23 12 16 00-0019	EA		2-1/2" x 3-3/16", 3-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	3,367.21	146.17
23 12 16 00-0020	EA		3" x 3-3/4", 3-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	4,122.48	174.32
23 12 16 00-0021			Tank Car Unloading Hose Assemblies <small>(23 12 16 00-0001)</small>		
23 12 16 00-0022			Flexible Galvanized Hose Assemblies <small>(23 12 16 00-0021)</small>		
			Note: Each end includes a female coupling.		
23 12 16 00-0023	EA		2" Inside Diameter x 10' Flexible Galvanized Hose Assembly With Female Coupling Each End	753.79	101.78
23 12 16 00-0024	EA		2-1/2" Inside Diameter x 10' Flexible Galvanized Hose Assembly With Female Coupling Each End	918.64	101.78
23 12 16 00-0025	EA		3" Inside Diameter x 10' Flexible Galvanized Hose Assembly With Female Coupling Each End	1,087.52	101.78
23 12 16 00-0026	EA		4" Inside Diameter x 10' Flexible Galvanized Hose Assembly With Female Coupling Each End	1,746.94	101.78
23 12 16 00-0027			Standard Gas Station Pumps <small>(23 12 16)</small>		
23 12 16 00-0028			Gasoline Pumps <small>(23 12 16 00-0027)</small>		
			Note: With polished stainless steel dial frame, stainless steel nozzle side panel. Four wheel, self-timing meter, cable retractor, 120 mesh cartridge strainer (60 mesh for diesel fuels). Internal gear pump, reverse flow air separator, 1/2" connector. High speed pump, 3/4 H.P. motor, 1" hose and standard nozzle.		
23 12 16 00-0029	EA		Standard Gas Station Pump, 3/4 HP Motor 1" Hose And Standard Nozzle	5,646.49	866.19
23 12 16 00-0030			Gasoline Pumps With Vapor Recovery System <small>(23 12 16 00-0027)</small>		
			Note: With polished stainless steel dial frame, stainless steel nozzle side panel. Four wheel, self-timing meter, cable retractor, 120 mesh cartridge strainer (60 mesh for diesel fuels). Internal gear pump, reverse flow air separator, 1/2" connector. High speed pump, 3/4 H.P. motor, 1" hose and standard nozzle.		
23 12 16 00-0031	EA		Standard Gas Station Pump, 3/4 HP Motor 1" Hose And Standard Nozzle With Vapor Recovery	11,273.72	1,299.29
23 12 23			Facility Natural-Gas Pumps <small>(23 12)</small>		
23 12 23 00-0001			Natural Gas Booster Pump <small>(23 12 23)</small>		
23 12 23 00-0002	EA		Natural Gas Booster Pump, 3/4" Outlet Size	1,175.09	160.42
23 12 23 00-0003	EA		Natural Gas Booster Pump, 1" Outlet Size	1,394.60	179.13
23 12 23 00-0004	EA		Natural Gas Booster Pump, 1-1/4" Outlet Size	1,564.64	187.15
23 12 23 00-0005	EA		Natural Gas Booster Pump, 1-1/2" Outlet Size	1,776.71	195.17
23 12 23 00-0006	EA		Natural Gas Booster Pump, 2" Outlet Size	2,011.49	200.52
23 13			Facility Fuel-Storage Tanks <small>(23 10)</small>		
23 13 13			Facility Underground Fuel-Oil, Storage Tanks <small>(23 13)</small>		
23 13 13 13			Double-Wall Steel, Underground Fuel-Oil, Storage Tanks <small>(23 13 13)</small>		
23 13 13 13-0001			Coated Underground Double Wall Storage Tanks <small>(23 13 13 13)</small>		
			Note: Includes setting in place with hold down bars and manway and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes excavation, pad, plastic lining, pumps and piping.		
23 13 13 13-0002	EA		250 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	15,698.87	721.73
23 13 13 13-0003	EA		550 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	16,964.00	721.73
23 13 13 13-0004	EA		1,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	24,520.84	902.11
23 13 13 13-0005	EA		2,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	33,554.98	1,762.03
23 13 13 13-0006	EA		3,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	53,455.66	2,265.33
23 13 13 13-0007	EA		4,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	59,547.35	2,601.81
23 13 13 13-0008	EA		5,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	64,249.01	3,440.13
23 13 13 13-0009	EA		6,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	66,431.96	3,693.58
23 13 13 13-0010	EA		8,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	81,085.72	4,363.50
23 13 13 13-0011	EA		10,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	93,909.65	5,032.97
23 13 13 13-0012	EA		12,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	120,177.01	5,534.72
23 13 13 13-0013	EA		14,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	142,459.18	6,720.03
23 13 13 13-0014	EA		15,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	147,141.01	7,131.69
23 13 13 13-0015	EA		20,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	180,412.44	11,312.35
23 13 13 13-0016	EA		25,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	221,680.46	14,669.35
23 13 13 13-0017	EA		30,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	261,215.72	16,784.41
23 13 13 13-0018	EA		40,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	336,140.10	18,043.24
23 13 13 13-0019	EA		48,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	455,683.46	18,505.92
23 13 13 23			Glass-Fiber-Reinforced-Plastic, Underground Fuel-Oil, Storage Tanks <small>(23 13 13)</small>		
23 13 13 23-0001			Underground Fiberglass Storage Tanks <small>(23 13 13 23)</small>		

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 13 13 23-002

Single Wall Fiberglass Underground Storage Tanks (23 13 13 23-002)

Note: Includes setting in place with hold down bars, fittings, bumper pads, flow channels, monitoring fitting, tank bottom deflector gauge plates, manway, anchor straps and 4" NPT tank mounted fitting connections as follows: 550 gallon or 1,000 gallon, 4 each: all others 6 each. Excludes excavation and backfill.

23 13 13 23-0003	EA	550 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	3,718.93	721.73
23 13 13 23-0004	EA	1,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	4,670.71	902.11
23 13 13 23-0005	EA	2,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	6,071.88	1,116.16
23 13 13 23-0006	EA	2,500 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	6,908.73	1,359.54
23 13 13 23-0007	EA	3,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	7,740.34	1,594.52
23 13 13 23-0008	EA	4,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	9,437.75	2,098.05
23 13 13 23-0009	EA	5,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	11,346.43	3,189.04
23 13 13 23-0010	EA	6,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	12,890.34	4,028.26
23 13 13 23-0011	EA	8,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	15,418.00	4,531.79
23 13 13 23-0012	EA	10,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	17,399.56	5,371.01
23 13 13 23-0013	EA	12,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	22,329.58	6,378.07
23 13 13 23-0014	EA	15,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	27,488.96	7,972.59
23 13 13 23-0015	EA	20,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	34,768.17	10,658.10
23 13 13 23-0016	EA	25,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	51,586.13	13,259.68
23 13 13 23-0017	EA	30,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	63,140.06	15,945.19
23 13 13 23-0018	EA	40,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	90,252.11	23,078.56
23 13 13 23-0019	EA	50,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	127,994.22	29,372.71

23 13 13 23-020

Double Wall Fiberglass Underground Storage Tanks (23 13 13 23-002)

Note: Includes setting in place with hold down bars, fittings, bumper pads, flow channels, monitoring fitting, tank bottom deflector gauge plates, manway, anchor straps and 4" NPT tank mounted fitting connections as follows: 550 gallon or 1,000 gallon, 4 each: all others 6 each. Excludes excavation and backfill.

23 13 13 23-0021	EA	550 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	7,089.63	721.73
23 13 13 23-0022	EA	1,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	9,337.23	902.11
23 13 13 23-0023	EA	2,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	11,196.32	1,090.99
23 13 13 23-0024	EA	3,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	14,583.22	1,594.63
23 13 13 23-0025	EA	4,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	16,423.19	2,098.05
23 13 13 23-0026	EA	5,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	19,025.66	3,189.04
23 13 13 23-0027	EA	6,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	21,253.86	4,028.26
23 13 13 23-0028	EA	8,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	26,062.48	4,531.79
23 13 13 23-0029	EA	10,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	28,044.04	5,371.01
23 13 13 23-0030	EA	12,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	33,924.46	6,378.07
23 13 13 23-0031	EA	15,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	46,544.48	7,972.59
23 13 13 23-0032	EA	20,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	57,767.85	10,658.10
23 13 13 23-0033	EA	30,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	89,181.02	15,945.19

23 13 13 23-034

Underground Storage Tank Pump Enclosures (23 13 13 23)

23 13 13 23-0035	EA	Secondary Containment Collar	2,916.08	
23 13 13 23-0036	EA	Turbine Enclosure With Lid 4' Long x 42" Diameter	2,916.08	
23 13 13 23-0037	EA	Fitting Kit For Turbine Enclosure	583.22	
23 13 13 23-0038	EA	Grommet Kits For Plumbing And Electrical	1,166.43	
23 13 13 23-0039	EA	Turbine Electrical Coupling Kit	1,458.04	

23 13 23 Facility Aboveground Fuel-Oil, Storage Tanks (23 13)

23 13 23 13 Vertical, Steel, Aboveground Fuel-Oil, Storage Tanks (23 13 23)

23 13 23 13-0001

Rectangle Double Wall Steel Fuel Day Tank (23 13 23 13)

Note: Includes day tank with standard equipment, pump, pump control, level control, backup level control, level alarms, alarm outputs.

23 13 23 13-0002	EA	10 Gallon Double Wall Steel Day Tank (Tramont TRX)	1,180.26	139.35
		Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0003	EA	15 Gallon Double Wall Steel Day Tank (Tramont TRX)	1,267.30	146.31
		Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0004	EA	25 Gallon Double Wall Steel Day Tank (Tramont TRX)	1,375.58	156.76
		Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0005	EA	50 Gallon Double Wall Steel Day Tank (Tramont TRX)	1,579.85	167.21
		Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0006	EA	60 Gallon Double Wall Steel Day Tank (Tramont TRX)	1,761.19	174.18
		Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0007	EA	75 Gallon Double Wall Steel Day Tank (Tramont TRX)	2,076.39	209.01
		Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0008	EA	100 Gallon Double Wall Steel Day Tank (Tramont TRX)	2,792.75	243.85
		Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0009	EA	150 Gallon Double Wall Steel Day Tank (Tramont TRX)	3,533.11	278.68
		Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0010	EA	200 Gallon Double Wall Steel Day Tank (Tramont TRX)	4,530.61	313.52
		Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0011	EA	275 Gallon Double Wall Steel Day Tank (Tramont TRX)	5,049.82	348.36
		Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0012	EA	300 Gallon Double Wall Steel Day Tank (Tramont TRX)	5,779.67	418.03
		Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0013	EA	350 Gallon Double Wall Steel Day Tank (Tramont TRX)	6,475.23	487.70
		Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0014	EA	400 Gallon Double Wall Steel Day Tank (Tramont TRX)	7,191.36	557.37
		Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0015	EA	450 Gallon Double Wall Steel Day Tank (Tramont TRX)	7,979.72	592.21
		Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0016	EA	500 Gallon Double Wall Steel Day Tank (Tramont TRX)	8,773.22	627.04
		Note: Includes rust-inhibitor coated interior and gray painted exterior.		

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 10 Facility Fuel Systems****23 13 Facility Fuel-Storage Tanks**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 13 23 13-0017	EA	550 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	9,674.73	661.88
23 13 23 13-0018	EA	600 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	10,463.09	696.71
23 13 23 13-0019	EA	700 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	11,655.35	836.06
23 13 23 13-0020	EA	800 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	12,572.05	905.72
23 13 23 13-0021	EA	900 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	13,800.31	1,045.07
23 13 23 13-0022	EA	1,000 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	15,033.71	1,184.42
23 13 23 13-0023	EA	10 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,430.55	139.35
23 13 23 13-0024	EA	15 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,519.30	146.31
23 13 23 13-0025	EA	25 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,627.58	156.76
23 13 23 13-0026	EA	50 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,830.14	167.21
23 13 23 13-0027	EA	60 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,011.48	174.18
23 13 23 13-0028	EA	75 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,328.40	209.01
23 13 23 13-0029	EA	100 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	3,068.76	243.85
23 13 23 13-0030	EA	150 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	3,809.12	278.68
23 13 23 13-0031	EA	200 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	4,806.62	313.52
23 13 23 13-0032	EA	275 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	5,325.83	348.36
23 13 23 13-0033	EA	300 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	6,055.67	418.03
23 13 23 13-0034	EA	350 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	6,751.23	487.70
23 13 23 13-0035	EA	400 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	7,467.37	557.37
23 13 23 13-0036	EA	450 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	8,255.73	592.21
23 13 23 13-0037	EA	500 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	9,049.23	627.04
23 13 23 13-0038	EA	550 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	9,952.45	661.88
23 13 23 13-0039	EA	600 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	10,740.81	696.71
23 13 23 13-0040	EA	700 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	11,931.35	836.06
23 13 23 13-0041	EA	800 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	12,848.05	905.72
23 13 23 13-0042	EA	900 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	14,076.31	1,045.07
23 13 23 13-0043	EA	1,000 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	15,309.72	1,184.42
23 13 23 13-0044	EA	10 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,378.57	139.35
23 13 23 13-0045	EA	15 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,457.04	146.31
23 13 23 13-0046	EA	25 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,527.60	156.76
23 13 23 13-0047	EA	50 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,798.73	167.21
23 13 23 13-0048	EA	60 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,901.21	174.18
23 13 23 13-0049	EA	75 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,206.13	209.01
23 13 23 13-0050	EA	100 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,859.06	243.85
23 13 23 13-0051	EA	150 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,870.28	278.68
23 13 23 13-0052	EA	200 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	5,476.91	313.52
23 13 23 13-0053	EA	275 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	7,158.44	348.36
23 13 23 13-0054	EA	300 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,090.57	418.03
23 13 23 13-0055	EA	350 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,652.42	487.70
23 13 23 13-0056	EA	400 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	9,416.55	557.37
23 13 23 13-0057	EA	450 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,168.91	592.21
23 13 23 13-0058	EA	500 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,161.27	627.04
23 13 23 13-0059	EA	550 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,574.20	661.88
23 13 23 13-0060	EA	600 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,944.26	696.71

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
23 13 23 13-0061	EA	700 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	13,662.82	836.06
23 13 23 13-0062	EA	800 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	15,328.67	905.72
23 13 23 13-0063	EA	900 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	17,150.09	1,045.07
23 13 23 13-0064	EA	1,000 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	19,000.65	1,184.42
23 13 23 13-0065	EA	10 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,510.02	139.35
23 13 23 13-0066	EA	15 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,588.49	146.31
23 13 23 13-0067	EA	25 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,659.05	156.76
23 13 23 13-0068	EA	50 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,930.18	167.21
23 13 23 13-0069	EA	60 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,032.66	174.18
23 13 23 13-0070	EA	75 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,337.58	209.01
23 13 23 13-0071	EA	100 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,990.51	243.85
23 13 23 13-0072	EA	150 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	6,001.73	278.68
23 13 23 13-0073	EA	200 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	6,683.80	313.52
23 13 23 13-0074	EA	275 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	7,895.59	348.36
23 13 23 13-0075	EA	300 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,827.73	418.03
23 13 23 13-0076	EA	350 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	9,391.29	487.70
23 13 23 13-0077	EA	400 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,153.71	557.37
23 13 23 13-0078	EA	450 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,907.78	592.21
23 13 23 13-0079	EA	500 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,898.43	627.04
23 13 23 13-0080	EA	550 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	12,311.35	661.88
23 13 23 13-0081	EA	600 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	12,681.42	696.71
23 13 23 13-0082	EA	700 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	14,399.98	836.06
23 13 23 13-0083	EA	800 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	16,067.55	905.72
23 13 23 13-0084	EA	900 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	17,887.25	1,045.07
23 13 23 13-0085	EA	1,000 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	19,737.80	1,184.42
23 13 23 13-0086	EA	10 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,142.60	139.35
23 13 23 13-0087	EA	15 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,229.64	146.31
23 13 23 13-0088	EA	25 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,301.92	156.76
23 13 23 13-0089	EA	50 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,581.62	167.21
23 13 23 13-0090	EA	60 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,732.10	174.18
23 13 23 13-0091	EA	75 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,009.60	209.01
23 13 23 13-0092	EA	100 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,688.24	243.85
23 13 23 13-0093	EA	150 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,747.46	278.68
23 13 23 13-0094	EA	200 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	7,376.38	313.52
23 13 23 13-0095	EA	275 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	9,123.05	348.36
23 13 23 13-0096	EA	300 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,103.18	418.03
23 13 23 13-0097	EA	350 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,611.88	487.70
23 13 23 13-0098	EA	400 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	11,478.88	557.37

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 10 Facility Fuel Systems****23 13 Facility Fuel-Storage Tanks**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23	13-0099	EA	450 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	12,388.95	592.21
23 13 23	13-0100	EA	500 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,304.17	627.04
23 13 23	13-0101	EA	550 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,766.81	661.88
23 13 23	13-0102	EA	600 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,111.16	696.71
23 13 23	13-0103	EA	700 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	15,906.86	836.06
23 13 23	13-0104	EA	800 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	17,653.29	905.72
23 13 23	13-0105	EA	900 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	19,555.28	1,045.07
23 13 23	13-0106	EA	1,000 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	21,482.98	1,184.42
23 13 23	13-0107	EA	10 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,274.06	139.35
23 13 23	13-0108	EA	15 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,361.10	146.31
23 13 23	13-0109	EA	25 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,433.37	156.76
23 13 23	13-0110	EA	50 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,713.07	167.21
23 13 23	13-0111	EA	60 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,863.55	174.18
23 13 23	13-0112	EA	75 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,137.62	209.01
23 13 23	13-0113	EA	100 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,819.69	243.85
23 13 23	13-0114	EA	150 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	7,878.91	278.68
23 13 23	13-0115	EA	200 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	8,507.83	313.52
23 13 23	13-0116	EA	275 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	9,860.20	348.36
23 13 23	13-0117	EA	300 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,840.34	418.03
23 13 23	13-0118	EA	350 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	11,520.47	487.70
23 13 23	13-0119	EA	400 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	12,216.03	557.37
23 13 23	13-0120	EA	450 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,126.11	592.21
23 13 23	13-0121	EA	500 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,041.33	627.04
23 13 23	13-0122	EA	550 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,503.97	661.88
23 13 23	13-0123	EA	600 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,850.04	696.71
23 13 23	13-0124	EA	700 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	16,644.02	836.06
23 13 23	13-0125	EA	800 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	18,390.45	905.72
23 13 23	13-0126	EA	900 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	20,292.44	1,045.07
23 13 23	13-0127	EA	1,000 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	22,220.14	1,184.42
23 13 23	13-0128	EA	150% Containment Double Wall Open Top Basin For 10 Gallon Tank.....	1,169.08	139.35
23 13 23	13-0129	EA	150% Containment Double Wall Open Top Basin For 15 Gallon Tank.....	1,266.68	146.31
23 13 23	13-0130	EA	150% Containment Double Wall Open Top Basin For 25 Gallon Tank.....	1,374.62	156.76

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0131	EA		150% Containment Double Wall Open Top Basin For 50 Gallon Tank.....	1,570.80	167.21
23 13 23 13-0132	EA		150% Containment Double Wall Open Top Basin For 60 Gallon Tank.....	2,087.04	174.18
23 13 23 13-0133	EA		150% Containment Double Wall Open Top Basin For 75 Gallon Tank.....	2,145.10	209.01
23 13 23 13-0134	EA		150% Containment Double Wall Open Top Basin For 100 Gallon Tank.....	2,696.48	243.85
23 13 23 13-0135	EA		150% Containment Double Wall Open Top Basin For 150 Gallon Tank.....	3,336.10	278.68
23 13 23 13-0136	EA		150% Containment Double Wall Open Top Basin For 200 Gallon Tank.....	4,380.78	313.52
23 13 23 13-0137	EA		150% Containment Double Wall Open Top Basin For 275 Gallon Tank.....	5,502.40	348.36
23 13 23 13-0138	EA		150% Containment Double Wall Open Top Basin For 300 Gallon Tank.....	6,605.15	418.03
23 13 23 13-0139	EA		150% Containment Double Wall Open Top Basin For 350 Gallon Tank.....	7,099.17	487.70
23 13 23 13-0140	EA		150% Containment Double Wall Open Top Basin For 400 Gallon Tank.....	7,595.46	557.37
23 13 23 13-0141	EA		150% Containment Double Wall Open Top Basin For 450 Gallon Tank.....	8,339.18	592.21
23 13 23 13-0142	EA		150% Containment Double Wall Open Top Basin For 500 Gallon Tank.....	9,085.16	627.04
23 13 23 13-0143	EA		150% Containment Double Wall Open Top Basin For 550 Gallon Tank.....	9,733.86	661.88
23 13 23 13-0144	EA		150% Containment Double Wall Open Top Basin For 600 Gallon Tank.....	10,389.31	696.71
23 13 23 13-0145	EA		150% Containment Double Wall Open Top Basin For 700 Gallon Tank.....	11,757.52	836.06
23 13 23 13-0146	EA		150% Containment Double Wall Open Top Basin For 800 Gallon Tank.....	13,050.34	905.72
23 13 23 13-0147	EA		150% Containment Double Wall Open Top Basin For 900 Gallon Tank.....	14,495.50	1,045.07
23 13 23 13-0148	EA		150% Containment Double Wall Open Top Basin For 1,000 Gallon Tank.....	15,890.87	1,184.42
23 13 23 13-0149	EA		200% Containment Double Wall Open Top Basin For 10 Gallon Tank.....	1,232.74	146.31
23 13 23 13-0150	EA		200% Containment Double Wall Open Top Basin For 15 Gallon Tank.....	1,340.93	156.76
23 13 23 13-0151	EA		200% Containment Double Wall Open Top Basin For 25 Gallon Tank.....	1,453.88	167.21
23 13 23 13-0152	EA		200% Containment Double Wall Open Top Basin For 50 Gallon Tank.....	1,654.20	174.18
23 13 23 13-0153	EA		200% Containment Double Wall Open Top Basin For 60 Gallon Tank.....	2,244.92	209.01
23 13 23 13-0154	EA		200% Containment Double Wall Open Top Basin For 75 Gallon Tank.....	2,302.98	243.85
23 13 23 13-0155	EA		200% Containment Double Wall Open Top Basin For 100 Gallon Tank.....	2,881.76	278.68
23 13 23 13-0156	EA		200% Containment Double Wall Open Top Basin For 150 Gallon Tank.....	3,553.69	313.52
23 13 23 13-0157	EA		200% Containment Double Wall Open Top Basin For 200 Gallon Tank.....	4,653.19	348.36
23 13 23 13-0158	EA		200% Containment Double Wall Open Top Basin For 275 Gallon Tank.....	5,833.90	383.19
23 13 23 13-0159	EA		200% Containment Double Wall Open Top Basin For 300 Gallon Tank.....	6,991.45	452.86
23 13 23 13-0160	EA		200% Containment Double Wall Open Top Basin For 350 Gallon Tank.....	7,506.47	522.53
23 13 23 13-0161	EA		200% Containment Double Wall Open Top Basin For 400 Gallon Tank.....	8,023.88	592.21
23 13 23 13-0162	EA		200% Containment Double Wall Open Top Basin For 450 Gallon Tank.....	8,805.69	627.04
23 13 23 13-0163	EA		200% Containment Double Wall Open Top Basin For 500 Gallon Tank.....	9,589.89	661.88
23 13 23 13-0164	EA		200% Containment Double Wall Open Top Basin For 550 Gallon Tank.....	10,271.40	696.71
23 13 23 13-0165	EA		200% Containment Double Wall Open Top Basin For 600 Gallon Tank.....	11,018.10	766.39
23 13 23 13-0166	EA		200% Containment Double Wall Open Top Basin For 700 Gallon Tank.....	12,449.42	905.72
23 13 23 13-0167	EA		200% Containment Double Wall Open Top Basin For 800 Gallon Tank.....	13,923.74	1,045.07
23 13 23 13-0168	EA		200% Containment Double Wall Open Top Basin For 900 Gallon Tank.....	15,436.28	1,184.42
23 13 23 13-0169	EA		200% Containment Double Wall Open Top Basin For 1,000 Gallon Tank.....	16,896.27	1,323.75
23 13 23 13-0170	EA		150% Containment Double Wall Sealed Top Basin For 10 Gallon Tank.....	1,347.85	139.35
23 13 23 13-0171	EA		150% Containment Double Wall Sealed Top Basin For 15 Gallon Tank.....	1,468.08	146.31
23 13 23 13-0172	EA		150% Containment Double Wall Sealed Top Basin For 25 Gallon Tank.....	1,589.59	156.76
23 13 23 13-0173	EA		150% Containment Double Wall Sealed Top Basin For 50 Gallon Tank.....	1,831.03	167.21
23 13 23 13-0174	EA		150% Containment Double Wall Sealed Top Basin For 60 Gallon Tank.....	2,444.58	174.18
23 13 23 13-0175	EA		150% Containment Double Wall Sealed Top Basin For 75 Gallon Tank.....	2,502.64	209.01
23 13 23 13-0176	EA		150% Containment Double Wall Sealed Top Basin For 100 Gallon Tank.....	3,135.48	243.85
23 13 23 13-0177	EA		150% Containment Double Wall Sealed Top Basin For 150 Gallon Tank.....	3,881.46	278.68
23 13 23 13-0178	EA		150% Containment Double Wall Sealed Top Basin For 200 Gallon Tank.....	5,111.08	313.52
23 13 23 13-0179	EA		150% Containment Double Wall Sealed Top Basin For 275 Gallon Tank.....	6,489.03	348.36
23 13 23 13-0180	EA		150% Containment Double Wall Sealed Top Basin For 300 Gallon Tank.....	7,793.17	418.03
23 13 23 13-0181	EA		150% Containment Double Wall Sealed Top Basin For 350 Gallon Tank.....	8,357.35	487.70
23 13 23 13-0182	EA		150% Containment Double Wall Sealed Top Basin For 400 Gallon Tank.....	9,826.05	557.37
23 13 23 13-0183	EA		150% Containment Double Wall Sealed Top Basin For 450 Gallon Tank.....	9,812.33	592.21
23 13 23 13-0184	EA		150% Containment Double Wall Sealed Top Basin For 500 Gallon Tank.....	10,700.87	627.04
23 13 23 13-0185	EA		150% Containment Double Wall Sealed Top Basin For 550 Gallon Tank.....	11,455.91	661.88
23 13 23 13-0186	EA		150% Containment Double Wall Sealed Top Basin For 600 Gallon Tank.....	12,229.05	696.71
23 13 23 13-0187	EA		150% Containment Double Wall Sealed Top Basin For 700 Gallon Tank.....	13,834.87	836.06
23 13 23 13-0188	EA		150% Containment Double Wall Sealed Top Basin For 800 Gallon Tank.....	15,367.55	905.72
23 13 23 13-0189	EA		150% Containment Double Wall Sealed Top Basin For 900 Gallon Tank.....	17,050.31	1,045.07
23 13 23 13-0190	EA		150% Containment Double Wall Sealed Top Basin For 1,000 Gallon Tank.....	18,683.29	1,184.42
23 13 23 13-0191	EA		200% Containment Double Wall Sealed Top Basin For 10 Gallon Tank.....	1,421.44	146.31
23 13 23 13-0192	EA		200% Containment Double Wall Sealed Top Basin For 15 Gallon Tank.....	1,553.51	156.76
23 13 23 13-0193	EA		200% Containment Double Wall Sealed Top Basin For 25 Gallon Tank.....	1,680.80	167.21
23 13 23 13-0194	EA		200% Containment Double Wall Sealed Top Basin For 50 Gallon Tank.....	1,928.89	174.18
23 13 23 13-0195	EA		200% Containment Double Wall Sealed Top Basin For 60 Gallon Tank.....	2,622.33	209.01
23 13 23 13-0196	EA		200% Containment Double Wall Sealed Top Basin For 75 Gallon Tank.....	2,680.39	243.85
23 13 23 13-0197	EA		200% Containment Double Wall Sealed Top Basin For 100 Gallon Tank.....	3,345.15	278.68
23 13 23 13-0198	EA		200% Containment Double Wall Sealed Top Basin For 150 Gallon Tank.....	4,129.35	313.52
23 13 23 13-0199	EA		200% Containment Double Wall Sealed Top Basin For 200 Gallon Tank.....	5,424.06	348.36
23 13 23 13-0200	EA		200% Containment Double Wall Sealed Top Basin For 275 Gallon Tank.....	6,875.33	383.19
23 13 23 13-0201	EA		200% Containment Double Wall Sealed Top Basin For 300 Gallon Tank.....	8,245.48	452.86
23 13 23 13-0202	EA		200% Containment Double Wall Sealed Top Basin For 350 Gallon Tank.....	8,834.55	522.53
23 13 23 13-0203	EA		200% Containment Double Wall Sealed Top Basin For 400 Gallon Tank.....	9,428.39	592.21
23 13 23 13-0204	EA		200% Containment Double Wall Sealed Top Basin For 450 Gallon Tank.....	10,360.68	627.04
23 13 23 13-0205	EA		200% Containment Double Wall Sealed Top Basin For 500 Gallon Tank.....	11,295.37	661.88
23 13 23 13-0206	EA		200% Containment Double Wall Sealed Top Basin For 550 Gallon Tank.....	12,089.12	696.71
23 13 23 13-0207	EA		200% Containment Double Wall Sealed Top Basin For 600 Gallon Tank.....	12,960.05	766.39
23 13 23 13-0208	EA		200% Containment Double Wall Sealed Top Basin For 700 Gallon Tank.....	14,642.17	905.72
23 13 23 13-0209	EA		200% Containment Double Wall Sealed Top Basin For 800 Gallon Tank.....	16,369.68	1,045.07
23 13 23 13-0210	EA		200% Containment Double Wall Sealed Top Basin For 900 Gallon Tank.....	18,133.03	1,184.42
23 13 23 13-0211	EA		200% Containment Double Wall Sealed Top Basin For 1,000 Gallon Tank.....	19,843.82	1,323.75

23 13 23 16 Horizontal, Steel, Aboveground Fuel-Oil, Storage Tanks (23 13 23)

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 10 Facility Fuel Systems****23 13 Facility Fuel-Storage Tanks**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 13 23 16-0001		Single Wall Aboveground Storage Tanks <small>(23 13 23 16)</small>	
Note: Includes cradles, supports, coating, fittings, and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes pumps, piping, excavation and backfill.			
23 13 23 16-0002	EA	300 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	4,820.55 757.33
23 13 23 16-0003	EA	550 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	5,795.29 916.76
23 13 23 16-0004	EA	1,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	7,772.96 1,228.16
23 13 23 16-0005	EA	1,500 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	10,049.66 1,535.19
23 13 23 16-0006	EA	2,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	12,061.42 2,062.14
23 13 23 16-0007	EA	3,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	18,212.04 2,122.78
23 13 23 16-0008	EA	5,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	26,488.91 2,624.52
23 13 23 16-0009	EA	8,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings.....	36,390.73 3,007.21
23 13 23 16-0010	EA	10,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings.....	43,380.57 3,280.57
23 13 23 16-0011	EA	12,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings.....	50,361.97 3,608.65
23 13 23 16-0012	EA	15,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings.....	55,750.64 4,009.57
23 13 23 16-0013	EA	20,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings.....	69,633.95 5,155.16
23 13 23 16-0014	EA	30,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings.....	95,148.25 6,014.42

23 13 23 16-0015		Double Wall Aboveground Storage Tanks <small>(23 13 23 16)</small>	
Note: Includes cradles, supports, coating, fittings, and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes pumps, piping, excavation and backfill.			
23 13 23 16-0016	EA	300 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	7,641.52 944.98
23 13 23 16-0017	EA	550 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	9,182.53 1,143.54
23 13 23 16-0018	EA	1,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	12,321.22 1,535.19
23 13 23 16-0019	EA	1,500 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	15,959.92 1,918.99
23 13 23 16-0020	EA	2,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	18,976.20 2,577.63
23 13 23 16-0021	EA	3,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	29,240.02 2,653.39
23 13 23 16-0022	EA	5,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	42,786.49 3,268.71
23 13 23 16-0023	EA	8,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings.....	59,157.76 3,759.04
23 13 23 16-0024	EA	10,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings.....	70,700.88 4,100.77
23 13 23 16-0025	EA	12,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings.....	82,197.48 4,510.75
23 13 23 16-0026	EA	15,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings.....	90,983.72 5,012.04
23 13 23 16-0027	EA	20,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings.....	113,553.80 6,443.98
23 13 23 16-0028	EA	30,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings.....	155,770.62 7,517.96

23 13 23 19 Containment-Dike, Steel, Aboveground Fuel-Oil, Storage Tanks (23 13 23)

23 13 23 19-0001		Secondary Containment For Above Ground Tanks <small>(23 13 23 19)</small>	
23 13 23 19-0002	EA	Steel Dike For 550 Gallon Tank, Uncoated.....	6,037.99
23 13 23 19-0003	EA	Steel Dike For 1,000 Gallon Tank, Uncoated.....	7,294.39
23 13 23 19-0004	EA	Steel Dike For 2,000 Gallon Tank, Uncoated.....	15,974.99
23 13 23 19-0005	EA	Steel Dike For 3,000 Gallon Tank, Uncoated.....	17,475.40
23 13 23 19-0006	EA	Steel Dike For 5,000 Gallon Tank, Uncoated.....	24,854.34
23 13 23 19-0007	EA	Steel Dike For 6,000 Gallon Tank, Uncoated.....	27,846.28
23 13 23 19-0008	EA	Steel Dike For 8,000 Gallon Tank, Uncoated.....	36,770.86
23 13 23 19-0009	EA	Steel Dike For 10,000 Gallon Tank, Uncoated.....	43,143.43
23 13 23 19-0010	EA	Steel Dike For 12,000 Gallon Tank, Uncoated.....	49,027.85
23 13 23 19-0011	EA	Steel Dike For 15,000 Gallon Tank, Uncoated.....	59,693.91
23 13 23 19-0012	EA	Steel Dike For 20,000 Gallon Tank, Uncoated.....	76,434.44

23 13 23 26 Concrete-Vaulted, Steel, Aboveground Fuel-Oil, Storage Tanks (23 13 23)

23 13 23 26-0001		Aboveground Concrete Vaulted Storage Tanks <small>(23 13 23 26)</small>	
Note: Includes setting in place with stand, NPT openings for an emergency vent, regular vent, gauge, fill with an internal 5 gallon minimum overflow containment, supply and return and leak detection. All tanks that are 2000 gallon and larger shall have a ladder for access. Excludes excavation, pad, pumps and piping.			
23 13 23 26-0002	EA	500 Gallon Concrete Vaulted Storage Tank.....	33,355.41 1,560.84
		<i>For Low Profile Tanks, Add</i>	<i>12,471.00</i>
23 13 23 26-0003	EA	1,000 Gallon Concrete Vaulted Storage Tank.....	42,064.95 1,762.03
		<i>For Low Profile Tanks, Add</i>	<i>15,842.52</i>
23 13 23 26-0004	EA	2,000 Gallon Concrete Vaulted Storage Tank.....	74,912.80 2,098.05
		<i>For Low Profile Tanks, Add</i>	<i>28,794.12</i>
23 13 23 26-0005	EA	4,000 Gallon Concrete Vaulted Storage Tank.....	118,337.86 4,614.70
23 13 23 26-0006	EA	5,000 Gallon Concrete Vaulted Storage Tank.....	135,270.63 5,040.02
23 13 23 26-0007	EA	6,000 Gallon Concrete Vaulted Storage Tank.....	152,291.90 5,442.85
23 13 23 26-0008	EA	8,000 Gallon Concrete Vaulted Storage Tank.....	169,290.93 5,906.21
23 13 23 26-0009	EA	10,000 Gallon Concrete Vaulted Storage Tank.....	186,282.72 6,286.88

23 13 33 Facility Fuel-Oil, Storage Tank Accessories (23 13)

23 13 33 00-0001		EPA Requirements <small>(23 13 33)</small>	
23 13 33 00-0002	EA	Fill Pipe Spill Containment Manhole (5 Gallon).....	2,006.87
23 13 33 00-0003	EA	Over-Fill Prevention Valve.....	1,420.20

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 13 33 00-0004	EA		Tank Manway With Cover, Fiberglass	4,445.12	
23 13 33 00-0005	EA		Tank Manway With Cover, Steel.....	5,305.56	
23 13 33 00-0006	EA		Vent Fill Alarm (Whistle Vent).....	200.54	
23 13 33 00-0007	EA		Reservoir Sensor, Liquid Level	631.17	
23 13 33 00-0008	EA		Manhole Spill Containment.....	2,332.30	270.68
23 13 33 00-0009	EA		Fill Adapter, 4"	429.34	180.49
23 13 33 00-0010	EA		Fill Cap, 4"	300.47	67.68
23 13 33 00-0011	EA		2" Vent Cap	174.07	45.15
23 13 33 00-0012	EA		4" x 2" Extractor Fitting	712.61	67.68
23 13 33 00-0013	EA		Float Vent Valve	410.92	135.34
23 13 33 00-0014	EA		Vapor Hose Adapter	645.54	90.20
23 13 33 00-0015	EA		Dust Cap.....	263.56	49.27
23 13 33 00-0016	EA		1" Double Poppet Foot Valve.....	468.07	77.31
23 13 33 00-0017	EA		10' Wood Gage Stick	43.52	
23 13 33 00-0018	EA		1-1/4" Tank Filled Breather, NPT.....	258.28	
23 13 33 00-0019	EA		1-1/2" Tank Filled Breather, Bayonet.....	360.11	
23 13 33 00-0020	EA		2" Cast Iron Combination Fill Cap And Vent.....	101.47	
23 13 33 00-0021	EA		3" Cast Iron Combination Fill Cap And Vent.....	141.32	
23 13 33 00-0022	EA		4" Cast Iron Combination Fill Cap And Vent.....	230.22	
23 13 33 00-0023	EA		Pressure And Vacuum Control Vent.....	1,705.10	
23 13 33 00-0024	EA		1/4 HP Fuel/Diesel Pump Set.....	1,831.26	
23 13 33 00-0025	EA		1/3 HP Fuel/Diesel Pump Set.....	2,168.20	
23 13 33 00-0026	EA		1/2 HP Fuel/Diesel Pump Set.....	2,362.11	
23 13 33 00-0027	EA		3/4 HP Fuel/Diesel Pump Set.....	2,588.40	
23 13 33 00-0028	EA		1 HP Fuel/Diesel Pump Set.....	3,716.99	
23 13 33 00-0029	EA		1-1/2 HP Fuel/Diesel Pump Set.....	4,595.26	
23 13 33 00-0030	EA		2 HP Fuel/Diesel Pump Set.....	5,086.76	
23 13 33 00-0031	EA		3 HP Fuel/Diesel Pump Set.....	6,258.17	
23 13 33 00-0032	EA		5 HP Fuel/Diesel Pump Set.....	7,412.45	
23 13 33 00-0033	EA		7.5 HP Fuel/Diesel Pump Set.....	8,297.25	
23 13 33 00-0034	EA		10 HP Fuel/Diesel Pump Set.....	9,585.93	

23 13 33 00-0035 Tank Bulkhead Fittings (23 13 33)
23 13 33 00-0036 Tank Bulkhead Fittings (23 13 33 00-0035)
23 13 33 00-0037 Polyvinyl Chloride (PVC) Tank Bulkhead Fittings, Socket x Threaded Connection (23 13 33 00-0036)

23 13 33 00-0038	EA		1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread.....	63.47	
23 13 33 00-0039	EA		3/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread.....	71.11	
23 13 33 00-0040	EA		1" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread.....	78.22	
23 13 33 00-0041	EA		1-1/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread.....	96.48	
23 13 33 00-0042	EA		1-1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread.....	98.80	
23 13 33 00-0043	EA		2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread.....	134.37	
23 13 33 00-0044	EA		3" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread.....	222.63	
23 13 33 00-0045	EA		4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread.....	404.41	

23 13 33 00-0046 Polyvinyl Chloride (PVC) Tank Bulkhead Fittings, Thread x Threaded Connection (23 13 33 00-0036)

23 13 33 00-0047	EA		1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread.....	76.03	
23 13 33 00-0048	EA		3/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread.....	83.62	
23 13 33 00-0049	EA		1" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread.....	91.24	
23 13 33 00-0050	EA		1-1/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread.....	116.71	
23 13 33 00-0051	EA		1-1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread.....	124.34	
23 13 33 00-0052	EA		2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread.....	157.51	
23 13 33 00-0053	EA		3" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread.....	253.48	
23 13 33 00-0054	EA		4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread.....	448.23	

23 13 33 00-0055 Chlorinated Polyvinyl Chloride (CPVC) Tank Bulkhead Fittings, Socket x Threaded Connection (23 13 33 00-0036)

23 13 33 00-0056	EA		1/2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread.....	78.89	
23 13 33 00-0057	EA		3/4" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread.....	91.84	
23 13 33 00-0058	EA		1" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread.....	104.27	
23 13 33 00-0059	EA		1-1/2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread.....	136.85	
23 13 33 00-0060	EA		2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread.....	183.50	
23 13 33 00-0061	EA		3" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread.....	295.41	
23 13 33 00-0062	EA		4" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread.....	474.27	

23 13 33 00-0063 Polypropylene Tank Bulkhead Fitting Thread x Threaded Connection (23 13 33 00-0036)

23 13 33 00-0064	EA		1/2" Polypropylene Bulkhead Fitting, Thread x Thread.....	94.83	
23 13 33 00-0065	EA		3/4" Polypropylene Bulkhead Fitting, Thread x Thread.....	113.04	
23 13 33 00-0066	EA		1" Polypropylene Bulkhead Fitting, Thread x Thread.....	141.34	
23 13 33 00-0067	EA		1-1/4" Polypropylene Bulkhead Fitting, Thread x Thread.....	174.52	
23 13 33 00-0068	EA		1-1/2" Polypropylene Bulkhead Fitting, Thread x Thread.....	176.84	
23 13 33 00-0069	EA		2" Polypropylene Bulkhead Fitting, Thread x Thread.....	260.11	
23 13 33 00-0070	EA		3" Polypropylene Bulkhead Fitting, Thread x Thread.....	480.39	
23 13 33 00-0071	EA		4" Polypropylene Bulkhead Fitting, Thread x Thread.....	874.16	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 10 Facility Fuel Systems

23 13 Facility Fuel-Storage Tanks

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 13 33 00-0072	Polyethylene Tank Bulkhead Fittings Thread x Threaded Connection <small>(23 13 33 00-0036)</small>		
23 13 33 00-0073	EA 3/4" Polyethylene Bulkhead Fitting, Thread x Thread	80.25	
23 13 33 00-0074	EA 1" Polyethylene Bulkhead Fitting, Thread x Thread	106.51	
23 13 33 00-0075	EA 1-1/4" Polyethylene Bulkhead Fitting, Thread x Thread	108.84	
23 13 33 00-0076	EA 1-1/2" Polyethylene Bulkhead Fitting, Thread x Thread	111.16	
23 13 33 00-0077	EA 2" Polyethylene Bulkhead Fitting, Thread x Thread	161.34	
23 13 33 00-0078	EA 3" Polyethylene Bulkhead Fitting, Thread x Thread	207.36	
23 13 33 00-0079	TFE Teflon Tank Bulkhead Fittings, Thread x Threaded Connection <small>(23 13 33 00-0036)</small>		
23 13 33 00-0080	EA 1/8" TFE Teflon Bulkhead Fitting, Thread x Thread	400.03	
23 13 33 00-0081	EA 1/4" TFE Teflon Bulkhead Fitting, Thread x Thread	457.41	
23 13 33 00-0082	EA 3/8" TFE Teflon Bulkhead Fitting, Thread x Thread	564.49	
23 13 33 00-0083	EA 1/2" TFE Teflon Bulkhead Fitting, Thread x Thread	652.22	
23 13 33 00-0084	EA 3/4" TFE Teflon Bulkhead Fitting, Thread x Thread	752.14	
23 13 33 00-0085	EA 1" TFE Teflon Bulkhead Fitting, Thread x Thread	949.95	
23 13 33 00-0086	EA 1-1/2" TFE Teflon Bulkhead Fitting, Thread x Thread	1,236.10	
23 13 33 00-0087	EA 2" TFE Teflon Bulkhead Fitting, Thread x Thread	1,366.31	
23 13 33 00-0088	Self-Aligning Bulkhead Fittings <small>(23 13 33 00-0035)</small>		
23 13 33 00-0089	EA 3/4" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	405.57	
23 13 33 00-0090	EA 1" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	404.67	
23 13 33 00-0091	EA 1-1/2" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	595.37	
23 13 33 00-0092	EA 2" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	606.73	
23 13 33 00-0093	EA 3" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	824.42	

23 20 HVAC Piping and Pumps (23)

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

23 21 Hydronic Piping and Pumps (23 20)

23 21 13 Hydronic Piping (23 21)

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

23 21 13 23 Aboveground Hydronic Piping (23 21 13)

23 21 13 23-0001	Threaded Black Steel Pipe <small>(23 21 13 23)</small>		
23 21 13 23-0002	Threaded Black Steel Pipe Assemblies <small>(23 21 13 23-0001)</small>		
	Note: ASTM A-53 pipe and A-105 fittings. Threaded and coupled. Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
23 21 13 23-0003	LF 1/2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly	21.36	4.27
	Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
	For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	5.33	
	For Work In Restricted Working Space, Add	4.42	
23 21 13 23-0004	LF 3/4" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly	23.69	4.59
	Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
	For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	6.07	
	For Work In Restricted Working Space, Add	4.62	
23 21 13 23-0005	LF 1" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly	26.71	5.03
	Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
	For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	7.02	
	For Work In Restricted Working Space, Add	4.87	
23 21 13 23-0006	LF 1-1/4" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly	32.47	5.24
	Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
	For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	8.89	
	For Work In Restricted Working Space, Add	5.25	
23 21 13 23-0007	LF 1-1/2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly	35.03	6.20
	Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
	For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	9.77	
	For Work In Restricted Working Space, Add	5.33	
23 21 13 23-0008	LF 2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly	42.69	7.48
	Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
	For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	12.17	
	For Work In Restricted Working Space, Add	6.00	
23 21 13 23-0009	LF 2-1/2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly	64.50	8.87
	Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
	For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	19.25	
	For Work In Restricted Working Space, Add	7.45	
23 21 13 23-0010	LF 3" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly	82.29	11.87
	Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
	For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	24.76	
	For Work In Restricted Working Space, Add	9.12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0011	LF		4" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	120.49 38.26 9.60	13.29
23 21 13 23-0012	LF		5" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	201.46 66.42 11.44	16.99
23 21 13 23-0013	LF		6" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	241.70 80.10 12.96	20.09
23 21 13 23-0014			Threaded Black Steel Pipe And Fittings <small>(23 21 13 23-0001)</small> Note: ASTM A-53 pipe and A-105 fittings. Threaded and coupled, schedule 40. Excludes hangers, elbow, tee, or reducer fittings.		
23 21 13 23-0015			Threaded And Coupled, Black Steel Piping <small>(23 21 13 23-0014)</small> Note: ASTM A-53. Includes coupling.		
23 21 13 23-0016	LF		3/8" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	8.08 1.75 1.62	2.67
23 21 13 23-0017	LF		1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	10.96 2.66 1.94	4.27
23 21 13 23-0018	LF		3/4" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	12.71 3.30 2.07	4.59
23 21 13 23-0019	LF		1" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	15.21 4.23 2.24	5.03
23 21 13 23-0020	LF		1-1/4" Schedule 40, Threaded And Coupled, Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	18.28 5.45 2.38	5.24
23 21 13 23-0021	LF		1-1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	21.70 6.51 2.79	6.20
23 21 13 23-0022	LF		2" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	27.49 8.43 3.38	7.48
23 21 13 23-0023	LF		2-1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	39.00 12.87 4.01	8.87
23 21 13 23-0024	LF		3" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	51.40 16.90 5.34	11.87
23 21 13 23-0025	LF		4" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	70.19 24.59 6.00	13.29
23 21 13 23-0026	LF		5" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	92.15 32.56 7.63	16.99
23 21 13 23-0027	LF		6" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	118.07 42.60 9.03	20.09
23 21 13 23-0028	LF		8" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	166.85 62.36 10.91	24.28
23 21 13 23-0029	LF		10" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	229.12 87.56 13.32	29.58
23 21 13 23-0030	LF		12" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	306.64 117.58 17.49	38.88
23 21 13 23-0031			Black Malleable Iron 90 Degree Elbows <small>(23 21 13 23-0014)</small>		
23 21 13 23-0032	EA		3/8", 150 LB, Black Malleable Iron 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	33.43 24.66 0.15 7.13	15.82
23 21 13 23-0033	EA		1/2", 150 LB, Black Malleable Iron 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	35.21 17.81 0.11 8.55	19.03
23 21 13 23-0034	EA		3/4", 150 LB, Black Malleable Iron 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	39.99 21.33 0.13 9.57	21.28
23 21 13 23-0035	EA		1", 150 LB, Black Malleable Iron 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	49.68 35.86 0.22 10.69	23.73

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 20 HVAC Piping and Pumps

23 21 Hydronic Piping and Pumps



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 21 13 23-0036	EA 1-1/4", 150 LB, Black Malleable Iron 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	63.50 58.03 0.37 12.10	26.94
23 21 13 23-0037	EA 1-1/2", 150 LB, Black Malleable Iron 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	75.97 75.90 0.49 13.64	30.35
23 21 13 23-0038	EA 2", 150 LB, Black Malleable Iron 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	110.35 129.66 0.84 17.33	38.58
23 21 13 23-0039	EA 2-1/2", 150 LB, Black Malleable Iron 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	202.62 286.22 1.87 25.65	57.08
23 21 13 23-0040	EA 3", 150 LB, Black Malleable Iron 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	283.89 418.06 2.74 33.75	75.04
23 21 13 23-0041	EA 4", 150 LB, Black Malleable Iron 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	484.71 890.46 5.89 34.98	77.75
23 21 13 23-0042	EA 5", 150 LB, Black Malleable Iron 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,197.31 2,588.86 17.21 36.50	81.15
23 21 13 23-0043	EA 6", 150 LB, Black Malleable Iron 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,369.73 2,989.70 19.88 38.16	84.84
23 21 13 23-0044	Black Malleable Iron Reducing 90 Degree Elbows (23 21 13 23-0014)		
23 21 13 23-0045	EA 1/2" x 3/8", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	38.89 32.22 0.20 7.84	17.43
23 21 13 23-0046	EA 3/4" x 1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	43.35 33.35 0.21 9.06	20.10
23 21 13 23-0047	EA 3/4" x 3/8", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	46.20 45.76 0.29 8.35	18.60
23 21 13 23-0048	EA 1" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	50.66 42.56 0.27 10.13	22.55
23 21 13 23-0049	EA 1" x 1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	50.28 45.65 0.29 9.62	21.38
23 21 13 23-0050	EA 1" x 3/8", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	65.56 87.85 0.57 8.91	19.77
23 21 13 23-0051	EA 1-1/4" x 1", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	66.35 70.37 0.45 11.39	25.33
23 21 13 23-0052	EA 1-1/4" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	67.78 78.17 0.51 10.83	24.05
23 21 13 23-0053	EA 1-1/4" x 1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	71.41 90.84 0.59 10.33	22.98
23 21 13 23-0054	EA 1-1/2" x 1-1/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	82.94 98.67 0.64 12.87	28.65
23 21 13 23-0055	EA 1-1/2" x 1", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	80.60 98.53 0.64 12.17	27.04
23 21 13 23-0056	EA 1-1/2" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	84.51 112.29 0.73 11.61	25.76
23 21 13 23-0057	EA 2" x 1-1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	109.63 142.30 0.93 15.49	34.42

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0058	EA		2" x 1-1/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow For 300 LB Rating, Add For Standard Weight Cast Iron Fittings, Add For Work In Restricted Working Space, Add	114.97 161.15 1.05 14.72	32.71
23 21 13 23-0059	EA		2" x 1", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow For 300 LB Rating, Add For Standard Weight Cast Iron Fittings, Add For Work In Restricted Working Space, Add	112.62 161.01 1.05 14.01	31.11
23 21 13 23-0060	EA		2" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow For 300 LB Rating, Add For Standard Weight Cast Iron Fittings, Add For Work In Restricted Working Space, Add	114.73 170.43 1.12 13.45	29.93
23 21 13 23-0061	EA		2-1/2" x 2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow For 300 LB Rating, Add For Standard Weight Cast Iron Fittings, Add For Work In Restricted Working Space, Add	230.83 386.35 2.55 21.49	47.78
23 21 13 23-0062	EA		2-1/2" x 1-1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow For 300 LB Rating, Add For Standard Weight Cast Iron Fittings, Add For Work In Restricted Working Space, Add	234.06 408.47 2.70 19.65	43.72
23 21 13 23-0063	EA		3" x 2-1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow For 300 LB Rating, Add For Standard Weight Cast Iron Fittings, Add For Work In Restricted Working Space, Add	396.93 720.95 4.77 29.70	66.05
23 21 13 23-0064	EA		3" x 2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow For 300 LB Rating, Add For Standard Weight Cast Iron Fittings, Add For Work In Restricted Working Space, Add	342.49 622.75 4.12 25.54	56.75
23 21 13 23-0065	EA		4" x 3", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow For 300 LB Rating, Add For Standard Weight Cast Iron Fittings, Add For Work In Restricted Working Space, Add	620.05 1,228.61 8.15 33.27	73.95
23 21 13 23-0066			Black Malleable Iron 45 Degree Elbows (23 21 13 23-0014)		
23 21 13 23-0067	EA		3/8", 150 LB, Black Malleable Iron 45 Degree Elbow For 300 LB Rating, Add For Standard Weight Cast Iron Fittings, Add For Work In Restricted Working Space, Add	38.33 36.42 0.23 7.13	15.82
23 21 13 23-0068	EA		1/2", 150 LB, Black Malleable Iron 45 Degree Elbow For 300 LB Rating, Add For Standard Weight Cast Iron Fittings, Add For Work In Restricted Working Space, Add	39.58 28.30 0.18 8.55	19.03
23 21 13 23-0069	EA		3/4", 150 LB, Black Malleable Iron 45 Degree Elbow For 300 LB Rating, Add For Standard Weight Cast Iron Fittings, Add For Work In Restricted Working Space, Add	45.60 34.79 0.22 9.57	21.28
23 21 13 23-0070	EA		1", 150 LB, Black Malleable Iron 45 Degree Elbow For 300 LB Rating, Add For Standard Weight Cast Iron Fittings, Add For Work In Restricted Working Space, Add	52.87 43.51 0.28 10.69	23.73
23 21 13 23-0071	EA		1-1/4", 150 LB, Black Malleable Iron 45 Degree Elbow For 300 LB Rating, Add For Standard Weight Cast Iron Fittings, Add For Work In Restricted Working Space, Add	70.84 75.64 0.49 12.10	26.94
23 21 13 23-0072	EA		1-1/2", 150 LB, Black Malleable Iron 45 Degree Elbow For 300 LB Rating, Add For Standard Weight Cast Iron Fittings, Add For Work In Restricted Working Space, Add	83.23 93.33 0.60 13.64	30.35
23 21 13 23-0073	EA		2", 150 LB, Black Malleable Iron 45 Degree Elbow For 300 LB Rating, Add For Standard Weight Cast Iron Fittings, Add For Work In Restricted Working Space, Add	114.84 140.43 0.91 17.33	38.58
23 21 13 23-0074	EA		2-1/2", 150 LB, Black Malleable Iron 45 Degree Elbow For 300 LB Rating, Add For Standard Weight Cast Iron Fittings, Add For Work In Restricted Working Space, Add	250.64 401.47 2.64 25.65	57.08
23 21 13 23-0075	EA		3", 150 LB, Black Malleable Iron 45 Degree Elbow For 300 LB Rating, Add For Standard Weight Cast Iron Fittings, Add For Work In Restricted Working Space, Add	327.01 521.55 3.43 33.75	75.04
23 21 13 23-0076	EA		4", 150 LB, Black Malleable Iron 45 Degree Elbow For 300 LB Rating, Add For Standard Weight Cast Iron Fittings, Add For Work In Restricted Working Space, Add	537.24 1,016.53 6.73 34.98	77.75
23 21 13 23-0077	EA		5", 150 LB, Black Malleable Iron 45 Degree Elbow For 300 LB Rating, Add For Standard Weight Cast Iron Fittings, Add For Work In Restricted Working Space, Add	1,783.19 3,994.97 26.58 36.50	81.15
23 21 13 23-0078	EA		6", 150 LB, Black Malleable Iron 45 Degree Elbow For 300 LB Rating, Add For Standard Weight Cast Iron Fittings, Add For Work In Restricted Working Space, Add	1,827.13 4,087.46 27.20 38.16	84.84
23 21 13 23-0079			Black Malleable Iron Tees (23 21 13 23-0014)		
23 21 13 23-0080	EA		3/8", 150 LB, Black Malleable Iron Tee For 300 LB Rating, Add For Standard Weight Cast Iron Fittings, Add For Work In Restricted Working Space, Add	43.74 35.50 0.22 8.91	19.56

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 21 13 23-0081	EA	1/2", 150 LB, Black Malleable Iron Tee	44.60	23.73
		<i>For 300 LB Rating, Add</i>	23.67	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.14	
		<i>For Work In Restricted Working Space, Add</i>	10.69	
23 21 13 23-0082	EA	3/4", 150 LB, Black Malleable Iron Tee	53.98	27.47
		<i>For 300 LB Rating, Add</i>	33.35	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.21	
		<i>For Work In Restricted Working Space, Add</i>	12.33	
23 21 13 23-0083	EA	1", 150 LB, Black Malleable Iron Tee	70.62	32.39
		<i>For 300 LB Rating, Add</i>	55.81	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.35	
		<i>For Work In Restricted Working Space, Add</i>	14.57	
23 21 13 23-0084	EA	1-1/4", 150 LB, Black Malleable Iron Tee	93.46	38.58
		<i>For 300 LB Rating, Add</i>	89.12	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.57	
		<i>For Work In Restricted Working Space, Add</i>	17.33	
23 21 13 23-0085	EA	1-1/2", 150 LB, Black Malleable Iron Tee	113.34	45.97
		<i>For 300 LB Rating, Add</i>	110.65	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.71	
		<i>For Work In Restricted Working Space, Add</i>	20.69	
23 21 13 23-0086	EA	2", 150 LB, Black Malleable Iron Tee	161.15	57.08
		<i>For 300 LB Rating, Add</i>	186.69	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	1.21	
		<i>For Work In Restricted Working Space, Add</i>	25.65	
23 21 13 23-0087	EA	2-1/2", 150 LB, Black Malleable Iron Tee	275.59	75.04
		<i>For 300 LB Rating, Add</i>	398.14	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	2.61	
		<i>For Work In Restricted Working Space, Add</i>	33.75	
23 21 13 23-0088	EA	3", 150 LB, Black Malleable Iron Tee	373.82	89.14
		<i>For 300 LB Rating, Add</i>	584.52	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	3.84	
		<i>For Work In Restricted Working Space, Add</i>	40.08	
23 21 13 23-0089	EA	4", 150 LB, Black Malleable Iron Tee	727.88	98.24
		<i>For 300 LB Rating, Add</i>	1,402.28	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	9.29	
		<i>For Work In Restricted Working Space, Add</i>	44.18	
23 21 13 23-0090	EA	5", 150 LB, Black Malleable Iron Tee	1,934.31	116.63
		<i>For 300 LB Rating, Add</i>	4,233.10	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	28.15	
		<i>For Work In Restricted Working Space, Add</i>	52.47	
23 21 13 23-0091	EA	6", 150 LB, Black Malleable Iron Tee	2,088.05	133.32
		<i>For 300 LB Rating, Add</i>	4,543.60	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	30.21	
		<i>For Work In Restricted Working Space, Add</i>	59.96	

23 21 13 23-0092 Black Malleable Iron Reducing Tees (23 21 13 23-0014)

23 21 13 23-0093	EA	1/2", 150 LB, Black Malleable Iron Reducing Tee	50.89	23.73
		<i>For 300 LB Rating, Add</i>	38.76	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.24	
		<i>For Work In Restricted Working Space, Add</i>	10.69	
23 21 13 23-0094	EA	3/4", 150 LB, Black Malleable Iron Reducing Tee	61.01	27.47
		<i>For 300 LB Rating, Add</i>	50.23	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.32	
		<i>For Work In Restricted Working Space, Add</i>	12.33	
23 21 13 23-0095	EA	1", 150 LB, Black Malleable Iron Reducing Tee	73.69	32.39
		<i>For 300 LB Rating, Add</i>	63.18	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.40	
		<i>For Work In Restricted Working Space, Add</i>	14.57	
23 21 13 23-0096	EA	1-1/4", 150 LB, Black Malleable Iron Reducing Tee	107.13	38.58
		<i>For 300 LB Rating, Add</i>	121.93	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.79	
		<i>For Work In Restricted Working Space, Add</i>	17.33	
23 21 13 23-0097	EA	1-1/2", 150 LB, Black Malleable Iron Reducing Tee	123.65	45.97
		<i>For 300 LB Rating, Add</i>	135.39	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.88	
		<i>For Work In Restricted Working Space, Add</i>	20.69	
23 21 13 23-0098	EA	2", 150 LB, Black Malleable Iron Reducing Tee	164.89	57.08
		<i>For 300 LB Rating, Add</i>	195.67	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	1.27	
		<i>For Work In Restricted Working Space, Add</i>	25.65	
23 21 13 23-0099	EA	2-1/2", 150 LB, Black Malleable Iron Reducing Tee	359.88	75.04
		<i>For 300 LB Rating, Add</i>	600.44	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	3.96	
		<i>For Work In Restricted Working Space, Add</i>	33.75	
23 21 13 23-0100	EA	3", 150 LB, Black Malleable Iron Reducing Tee	416.95	89.14
		<i>For 300 LB Rating, Add</i>	688.03	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	4.53	
		<i>For Work In Restricted Working Space, Add</i>	40.08	
23 21 13 23-0101	EA	4", 150 LB, Black Malleable Iron Reducing Tee	834.44	98.24
		<i>For 300 LB Rating, Add</i>	1,658.02	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	10.99	
		<i>For Work In Restricted Working Space, Add</i>	44.18	
23 21 13 23-0102	EA	5", 150 LB, Black Malleable Iron Reducing Tee	1,768.74	116.63
		<i>For 300 LB Rating, Add</i>	3,835.73	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	25.50	
		<i>For Work In Restricted Working Space, Add</i>	52.47	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0103	EA		6", 150 LB, Black Malleable Iron Reducing Tee..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,007.68 4,350.71 28.92 59.96	133.32
23 21 13 23-0104 Black Malleable Iron Couplings <small>(23 21 13 23-0014)</small>					
23 21 13 23-0105	EA		3/8", 150 LB, Black Malleable Iron Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	35.79 30.32 0.19 7.13	15.82
23 21 13 23-0106	EA		1/2", 150 LB, Black Malleable Iron Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	37.77 23.96 0.15 8.55	19.03
23 21 13 23-0107	EA		3/4", 150 LB, Black Malleable Iron Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	42.76 27.98 0.17 9.57	21.28
23 21 13 23-0108	EA		1", 150 LB, Black Malleable Iron Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	51.89 41.16 0.26 10.69	23.73
23 21 13 23-0109	EA		1-1/4", 150 LB, Black Malleable Iron Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	61.39 52.96 0.34 12.10	26.94
23 21 13 23-0110	EA		1-1/2", 150 LB, Black Malleable Iron Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	73.93 71.01 0.46 13.64	30.35
23 21 13 23-0111	EA		2", 150 LB, Black Malleable Iron Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	99.94 104.67 0.67 17.33	38.58
23 21 13 23-0112	EA		2-1/2", 150 LB, Black Malleable Iron Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	201.86 284.39 1.86 25.65	57.08
23 21 13 23-0113	EA		3", 150 LB, Black Malleable Iron Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	269.84 384.34 2.52 33.75	75.04
23 21 13 23-0114	EA		4", 150 LB, Black Malleable Iron Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	433.44 767.41 5.07 34.98	77.75
23 21 13 23-0115	EA		5", 150 LB, Black Malleable Iron Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,013.82 2,148.48 14.27 36.50	81.15
23 21 13 23-0116	EA		6", 150 LB, Black Malleable Iron Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,143.59 2,446.97 16.26 38.16	84.84
23 21 13 23-0117 Black Malleable Iron Reducing Couplings <small>(23 21 13 23-0014)</small>					
23 21 13 23-0118	EA		1/2", 150 LB, Black Malleable Iron Reducing Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	40.01 29.33 0.18 8.55	19.03
23 21 13 23-0119	EA		3/4", 150 LB, Black Malleable Iron Reducing Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	44.09 31.17 0.20 9.57	21.28
23 21 13 23-0120	EA		1", 150 LB, Black Malleable Iron Reducing Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	54.60 47.67 0.30 10.69	23.73
23 21 13 23-0121	EA		1-1/4", 150 LB, Black Malleable Iron Reducing Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	64.73 60.98 0.39 12.10	26.94
23 21 13 23-0122	EA		1-1/2", 150 LB, Black Malleable Iron Reducing Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	76.32 76.74 0.49 13.64	30.35
23 21 13 23-0123	EA		2", 150 LB, Black Malleable Iron Reducing Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	102.45 110.70 0.71 17.33	38.58
23 21 13 23-0124	EA		2-1/2", 150 LB, Black Malleable Iron Reducing Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	217.57 322.10 2.11 25.65	57.08
23 21 13 23-0125	EA		3", 150 LB, Black Malleable Iron Reducing Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	273.05 392.05 2.57 33.75	75.04

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 20 HVAC Piping and Pumps

23 21 Hydronic Piping and Pumps



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 21 13 23-0126	EA 4", 150 LB, Black Malleable Iron Reducing Coupling <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	438.39 779.29 5.15 34.98	77.75
23 21 13 23-0127	EA 5", 150 LB, Black Malleable Iron Reducing Coupling <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	844.94 1,743.17 11.57 36.50	81.15
23 21 13 23-0128	EA 6", 150 LB, Black Malleable Iron Reducing Coupling <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,056.18 2,237.18 14.86 38.16	84.84
23 21 13 23-0129 Black Malleable Iron Caps (23 21 13 23-0014)			
23 21 13 23-0130	EA 1/2", 150 LB, Black Malleable Iron Cap <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.61 17.07 0.11 3.85	8.44
23 21 13 23-0131	EA 3/4", 150 LB, Black Malleable Iron Cap <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	23.52 22.87 0.15 4.31	9.51
23 21 13 23-0132	EA 1", 150 LB, Black Malleable Iron Cap <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	27.15 27.63 0.18 4.81	10.58
23 21 13 23-0133	EA 1-1/4", 150 LB, Black Malleable Iron Cap <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	32.78 36.20 0.23 5.45	11.97
23 21 13 23-0134	EA 1-1/2", 150 LB, Black Malleable Iron Cap <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	40.58 49.49 0.32 6.14	13.47
23 21 13 23-0135	EA 2", 150 LB, Black Malleable Iron Cap <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	55.34 72.00 0.47 7.80	17.21
23 21 13 23-0136	EA 2-1/2", 150 LB, Black Malleable Iron Cap <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	105.83 163.95 1.08 11.54	25.44
23 21 13 23-0137	EA 3", 150 LB, Black Malleable Iron Cap <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	149.95 241.41 1.59 15.19	33.45
23 21 13 23-0138	EA 4", 150 LB, Black Malleable Iron Cap <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	222.79 411.92 2.73 15.74	34.68
23 21 13 23-0139	EA 5", 150 LB, Black Malleable Iron Cap <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	460.68 977.52 6.49 16.43	36.17
23 21 13 23-0140	EA 6", 150 LB, Black Malleable Iron Cap <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	801.34 1,789.30 11.91 17.17	37.78
23 21 13 23-0141 Black Malleable Iron Unions (23 21 13 23-0014)			
23 21 13 23-0142	EA 3/8", 150 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	56.27 7.13	15.82
23 21 13 23-0143	EA 1/2", 150 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	65.06 10.69	23.73
23 21 13 23-0144	EA 3/4", 150 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	74.94 12.33	27.47
23 21 13 23-0145	EA 1", 150 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	92.69 14.57	32.39
23 21 13 23-0146	EA 1-1/4", 150 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	121.03 17.33	38.58
23 21 13 23-0147	EA 1-1/2", 150 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	147.82 20.69	45.97
23 21 13 23-0148	EA 2", 150 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	177.21 25.65	57.08
23 21 13 23-0149	EA 2-1/2", 150 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	399.44 37.87	84.12
23 21 13 23-0150	EA 3", 150 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	494.99 49.83	110.63
23 21 13 23-0151	EA 3/8", 250 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	66.73 7.13	15.82
23 21 13 23-0152	EA 1/2", 250 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	84.93 10.69	23.73
23 21 13 23-0153	EA 3/4", 250 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	89.61 12.33	27.47
23 21 13 23-0154	EA 1", 250 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	108.08 14.57	32.39

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0155	EA	1-1/4", 250 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	157.62 17.33	38.58
23 21	13 23-0156	EA	1-1/2", 250 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	183.91 20.69	45.97
23 21	13 23-0157	EA	2", 250 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	232.97 25.65	57.08
23 21	13 23-0158	EA	2-1/2", 250 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	588.48 37.87	84.12
23 21	13 23-0159	EA	3", 250 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	707.08 49.83	110.63
23 21	13 23-0160	EA	4", 250 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	1,131.03 51.64	114.73
23 21	13 23-0161	EA	3/8", 300 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	93.49 7.13	15.82
23 21	13 23-0162	EA	1/2", 300 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	92.04 10.69	23.73
23 21	13 23-0163	EA	3/4", 300 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	103.59 12.33	27.47
23 21	13 23-0164	EA	1", 300 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	130.15 14.57	32.39
23 21	13 23-0165	EA	1-1/4", 300 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	190.82 17.33	38.58
23 21	13 23-0166	EA	1-1/2", 300 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	208.29 20.69	45.97
23 21	13 23-0167	EA	2", 300 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	258.08 25.65	57.08
23 21	13 23-0168	EA	2-1/2", 300 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	682.65 37.87	84.12
23 21	13 23-0169	EA	3", 300 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	885.92 49.83	110.63
23 21	13 23-0170	EA	4", 300 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	2,456.80 51.64	114.73
23 21 13 23-0171 Black Steel Nipples <small>(23 21 13 23-0014)</small>					
23 21	13 23-0172	EA	3/8" x Close, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.16 1.95 4.58	10.15
23 21	13 23-0173	EA	1/2" x Close, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	18.55 1.64 4.58	10.15
23 21	13 23-0174	EA	3/4" x Close, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.04 1.89 4.58	10.15
23 21	13 23-0175	EA	1" x Close, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	21.91 2.74 4.93	11.01
23 21	13 23-0176	EA	1-1/4" x Close, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	24.74 3.47 5.34	11.87
23 21	13 23-0177	EA	1-1/2" x Close, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	26.44 4.32 5.34	11.87
23 21	13 23-0178	EA	2" x Close, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	34.74 5.88 6.90	15.28
23 21	13 23-0179	EA	2-1/2" x Close, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	65.28 18.39 8.55	19.03
23 21	13 23-0180	EA	3" x Close, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	78.19 21.86 10.34	22.98
23 21	13 23-0181	EA	4" x Close, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	105.81 32.92 11.99	26.68
23 21	13 23-0182	EA	3/8" x 1-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.69 2.21 4.58	10.15
23 21	13 23-0183	EA	1/2" x 1-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	18.55 1.64 4.58	10.15
23 21	13 23-0184	EA	3/4" x 1-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.32 2.03 4.58	10.15
23 21	13 23-0185	EA	3/8" x 2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.69 2.21 4.58	10.15
23 21	13 23-0186	EA	1/2" x 2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	18.55 1.64 4.58	10.15
23 21	13 23-0187	EA	3/4" x 2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.32 2.03 4.58	10.15
23 21	13 23-0188	EA	1" x 2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	22.44 3.00 4.93	11.01
23 21	13 23-0189	EA	1-1/4" x 2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	25.67 3.93 5.34	11.87

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 20 HVAC Piping and Pumps

23 21 Hydronic Piping and Pumps



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 21 13 23-0190	EA	1-1/2" x 2" Long, Schedule 40 Black Steel Nipple	27.13		11.87
		<i>For Schedule 80 Nipples, Add</i>	4.66		
		<i>For Work In Restricted Working Space, Add</i>	5.34		
23 21 13 23-0191	EA	3/8" x 2-1/2" Long, Schedule 40 Black Steel Nipple	20.94		10.15
		<i>For Schedule 80 Nipples, Add</i>	2.84		
		<i>For Work In Restricted Working Space, Add</i>	4.58		
23 21 13 23-0192	EA	1/2" x 2-1/2" Long, Schedule 40 Black Steel Nipple	19.16		10.15
		<i>For Schedule 80 Nipples, Add</i>	1.95		
		<i>For Work In Restricted Working Space, Add</i>	4.58		
23 21 13 23-0193	EA	3/4" x 2-1/2" Long, Schedule 40 Black Steel Nipple	19.85		10.15
		<i>For Schedule 80 Nipples, Add</i>	2.29		
		<i>For Work In Restricted Working Space, Add</i>	4.58		
23 21 13 23-0194	EA	1" x 2-1/2" Long, Schedule 40 Black Steel Nipple	22.80		11.01
		<i>For Schedule 80 Nipples, Add</i>	3.18		
		<i>For Work In Restricted Working Space, Add</i>	4.93		
23 21 13 23-0195	EA	1-1/4" x 2-1/2" Long, Schedule 40 Black Steel Nipple	26.16		11.87
		<i>For Schedule 80 Nipples, Add</i>	4.18		
		<i>For Work In Restricted Working Space, Add</i>	5.34		
23 21 13 23-0196	EA	1-1/2" x 2-1/2" Long, Schedule 40 Black Steel Nipple	28.22		11.87
		<i>For Schedule 80 Nipples, Add</i>	5.21		
		<i>For Work In Restricted Working Space, Add</i>	5.34		
23 21 13 23-0197	EA	2" x 2-1/2" Long, Schedule 40 Black Steel Nipple	36.48		15.28
		<i>For Schedule 80 Nipples, Add</i>	6.75		
		<i>For Work In Restricted Working Space, Add</i>	6.90		
23 21 13 23-0198	EA	3/8" x 3" Long, Schedule 40 Black Steel Nipple	20.94		10.15
		<i>For Schedule 80 Nipples, Add</i>	2.84		
		<i>For Work In Restricted Working Space, Add</i>	4.58		
23 21 13 23-0199	EA	1/2" x 3" Long, Schedule 40 Black Steel Nipple	19.16		10.15
		<i>For Schedule 80 Nipples, Add</i>	1.95		
		<i>For Work In Restricted Working Space, Add</i>	4.58		
23 21 13 23-0200	EA	3/4" x 3" Long, Schedule 40 Black Steel Nipple	19.85		10.15
		<i>For Schedule 80 Nipples, Add</i>	2.29		
		<i>For Work In Restricted Working Space, Add</i>	4.58		
23 21 13 23-0201	EA	1" x 3" Long, Schedule 40 Black Steel Nipple	22.80		11.01
		<i>For Schedule 80 Nipples, Add</i>	3.18		
		<i>For Work In Restricted Working Space, Add</i>	4.93		
23 21 13 23-0202	EA	1-1/4" x 3" Long, Schedule 40 Black Steel Nipple	26.16		11.87
		<i>For Schedule 80 Nipples, Add</i>	4.18		
		<i>For Work In Restricted Working Space, Add</i>	5.34		
23 21 13 23-0203	EA	1-1/2" x 3" Long, Schedule 40 Black Steel Nipple	28.22		11.87
		<i>For Schedule 80 Nipples, Add</i>	5.21		
		<i>For Work In Restricted Working Space, Add</i>	5.34		
23 21 13 23-0204	EA	2" x 3" Long, Schedule 40 Black Steel Nipple	36.48		15.28
		<i>For Schedule 80 Nipples, Add</i>	6.75		
		<i>For Work In Restricted Working Space, Add</i>	6.90		
23 21 13 23-0205	EA	2-1/2" x 3" Long, Schedule 40 Black Steel Nipple	66.26		19.03
		<i>For Schedule 80 Nipples, Add</i>	18.88		
		<i>For Work In Restricted Working Space, Add</i>	8.55		
23 21 13 23-0206	EA	3" x 3" Long, Schedule 40 Black Steel Nipple	82.00		22.98
		<i>For Schedule 80 Nipples, Add</i>	23.76		
		<i>For Work In Restricted Working Space, Add</i>	10.34		
23 21 13 23-0207	EA	3/8" x 3-1/2" Long, Schedule 40 Black Steel Nipple	21.95		10.15
		<i>For Schedule 80 Nipples, Add</i>	3.34		
		<i>For Work In Restricted Working Space, Add</i>	4.58		
23 21 13 23-0208	EA	1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	19.93		10.15
		<i>For Schedule 80 Nipples, Add</i>	2.33		
		<i>For Work In Restricted Working Space, Add</i>	4.58		
23 21 13 23-0209	EA	3/4" x 3-1/2" Long, Schedule 40 Black Steel Nipple	20.94		10.15
		<i>For Schedule 80 Nipples, Add</i>	2.84		
		<i>For Work In Restricted Working Space, Add</i>	4.58		
23 21 13 23-0210	EA	1" x 3-1/2" Long, Schedule 40 Black Steel Nipple	24.30		11.01
		<i>For Schedule 80 Nipples, Add</i>	3.93		
		<i>For Work In Restricted Working Space, Add</i>	4.93		
23 21 13 23-0211	EA	1-1/4" x 3-1/2" Long, Schedule 40 Black Steel Nipple	27.69		11.87
		<i>For Schedule 80 Nipples, Add</i>	4.94		
		<i>For Work In Restricted Working Space, Add</i>	5.34		
23 21 13 23-0212	EA	1-1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	29.48		11.87
		<i>For Schedule 80 Nipples, Add</i>	5.84		
		<i>For Work In Restricted Working Space, Add</i>	5.34		
23 21 13 23-0213	EA	2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	39.32		15.28
		<i>For Schedule 80 Nipples, Add</i>	8.17		
		<i>For Work In Restricted Working Space, Add</i>	6.90		
23 21 13 23-0214	EA	2-1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	72.90		19.03
		<i>For Schedule 80 Nipples, Add</i>	22.20		
		<i>For Work In Restricted Working Space, Add</i>	8.55		
23 21 13 23-0215	EA	3" x 3-1/2" Long, Schedule 40 Black Steel Nipple	90.75		22.98
		<i>For Schedule 80 Nipples, Add</i>	28.14		
		<i>For Work In Restricted Working Space, Add</i>	10.34		
23 21 13 23-0216	EA	3/8" x 4" Long, Schedule 40 Black Steel Nipple	21.95		10.15
		<i>For Schedule 80 Nipples, Add</i>	3.34		
		<i>For Work In Restricted Working Space, Add</i>	4.58		
23 21 13 23-0217	EA	1/2" x 4" Long, Schedule 40 Black Steel Nipple	19.93		10.15
		<i>For Schedule 80 Nipples, Add</i>	2.33		
		<i>For Work In Restricted Working Space, Add</i>	4.58		
23 21 13 23-0218	EA	3/4" x 4" Long, Schedule 40 Black Steel Nipple	20.94		10.15
		<i>For Schedule 80 Nipples, Add</i>	2.84		
		<i>For Work In Restricted Working Space, Add</i>	4.58		
23 21 13 23-0219	EA	1" x 4" Long, Schedule 40 Black Steel Nipple	24.30		11.01
		<i>For Schedule 80 Nipples, Add</i>	3.93		
		<i>For Work In Restricted Working Space, Add</i>	4.93		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0220	EA		1-1/4" x 4" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	27.69 4.94 5.34	11.87
23 21 13 23-0221	EA		1-1/2" x 4" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	29.48 5.84 5.34	11.87
23 21 13 23-0222	EA		2" x 4" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	39.32 8.17 6.90	15.28
23 21 13 23-0223	EA		2-1/2" x 4" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	72.90 22.20 8.55	19.03
23 21 13 23-0224	EA		3" x 4" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	90.75 28.14 10.34	22.98
23 21 13 23-0225	EA		4" x 4" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	116.14 38.08 11.99	26.68
23 21 13 23-0226	EA		3/8" x 4-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	24.91 4.82 4.58	10.15
23 21 13 23-0227	EA		1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	20.74 2.74 4.58	10.15
23 21 13 23-0228	EA		3/4" x 4-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	22.40 3.57 4.58	10.15
23 21 13 23-0229	EA		1" x 4-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	25.76 4.66 4.93	11.01
23 21 13 23-0230	EA		1-1/4" x 4-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	29.64 5.92 5.34	11.87
23 21 13 23-0231	EA		1-1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	32.07 7.13 5.34	11.87
23 21 13 23-0232	EA		2" x 4-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	41.79 9.40 6.90	15.28
23 21 13 23-0233	EA		2-1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	77.28 24.39 8.55	19.03
23 21 13 23-0234	EA		3" x 4-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	96.54 31.03 10.34	22.98
23 21 13 23-0235	EA		4" x 4-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	127.00 43.51 11.99	26.68
23 21 13 23-0236	EA		3/8" x 5" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	24.91 4.82 4.58	10.15
23 21 13 23-0237	EA		1/2" x 5" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	20.74 2.74 4.58	10.15
23 21 13 23-0238	EA		3/4" x 5" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	22.40 3.57 4.58	10.15
23 21 13 23-0239	EA		1" x 5" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	25.76 4.66 4.93	11.01
23 21 13 23-0240	EA		1-1/4" x 5" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	29.64 5.92 5.34	11.87
23 21 13 23-0241	EA		1-1/2" x 5" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	32.07 7.13 5.34	11.87
23 21 13 23-0242	EA		2" x 5" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	41.79 9.40 6.90	15.28
23 21 13 23-0243	EA		2-1/2" x 5" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	77.28 24.39 8.55	19.03
23 21 13 23-0244	EA		3" x 5" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	96.54 31.03 10.34	22.98
23 21 13 23-0245	EA		4" x 5" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	127.00 43.51 11.99	26.68
23 21 13 23-0246	EA		3/8" x 6" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	26.01 5.37 4.58	10.15
23 21 13 23-0247	EA		1/2" x 6" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	21.39 3.06 4.58	10.15
23 21 13 23-0248	EA		3/4" x 6" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	23.37 4.05 4.58	10.15
23 21 13 23-0249	EA		1" x 6" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	27.46 5.51 4.93	11.01

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 20 HVAC Piping and Pumps

23 21 Hydronic Piping and Pumps



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 21 13 23-0250	EA	1-1/4" x 6" Long, Schedule 40 Black Steel Nipple	31.83		11.87
		<i>For Schedule 80 Nipples, Add</i>	7.01		
		<i>For Work In Restricted Working Space, Add</i>	5.34		
23 21 13 23-0251	EA	1-1/2" x 6" Long, Schedule 40 Black Steel Nipple	34.18		11.87
		<i>For Schedule 80 Nipples, Add</i>	8.19		
		<i>For Work In Restricted Working Space, Add</i>	5.34		
23 21 13 23-0252	EA	2" x 6" Long, Schedule 40 Black Steel Nipple	45.03		15.28
		<i>For Schedule 80 Nipples, Add</i>	11.02		
		<i>For Work In Restricted Working Space, Add</i>	6.90		
23 21 13 23-0253	EA	2-1/2" x 6" Long, Schedule 40 Black Steel Nipple	79.34		19.03
		<i>For Schedule 80 Nipples, Add</i>	25.42		
		<i>For Work In Restricted Working Space, Add</i>	8.55		
23 21 13 23-0254	EA	3" x 6" Long, Schedule 40 Black Steel Nipple	101.93		22.98
		<i>For Schedule 80 Nipples, Add</i>	33.73		
		<i>For Work In Restricted Working Space, Add</i>	10.34		
23 21 13 23-0255	EA	4" x 6" Long, Schedule 40 Black Steel Nipple	132.99		26.68
		<i>For Schedule 80 Nipples, Add</i>	46.51		
		<i>For Work In Restricted Working Space, Add</i>	11.99		
23 21 13 23-0256	EA	3/8" x 8" Long, Schedule 40 Black Steel Nipple	34.11		10.15
		<i>For Schedule 80 Nipples, Add</i>	9.42		
		<i>For Work In Restricted Working Space, Add</i>	4.58		
23 21 13 23-0257	EA	1/2" x 8" Long, Schedule 40 Black Steel Nipple	26.29		10.15
		<i>For Schedule 80 Nipples, Add</i>	5.51		
		<i>For Work In Restricted Working Space, Add</i>	4.58		
23 21 13 23-0258	EA	3/4" x 8" Long, Schedule 40 Black Steel Nipple	28.76		10.15
		<i>For Schedule 80 Nipples, Add</i>	6.75		
		<i>For Work In Restricted Working Space, Add</i>	4.58		
23 21 13 23-0259	EA	1" x 8" Long, Schedule 40 Black Steel Nipple	34.47		11.01
		<i>For Schedule 80 Nipples, Add</i>	9.02		
		<i>For Work In Restricted Working Space, Add</i>	4.93		
23 21 13 23-0260	EA	1-1/4" x 8" Long, Schedule 40 Black Steel Nipple	40.46		11.87
		<i>For Schedule 80 Nipples, Add</i>	11.33		
		<i>For Work In Restricted Working Space, Add</i>	5.34		
23 21 13 23-0261	EA	1-1/2" x 8" Long, Schedule 40 Black Steel Nipple	43.78		11.87
		<i>For Schedule 80 Nipples, Add</i>	12.99		
		<i>For Work In Restricted Working Space, Add</i>	5.34		
23 21 13 23-0262	EA	2" x 8" Long, Schedule 40 Black Steel Nipple	59.94		15.28
		<i>For Schedule 80 Nipples, Add</i>	18.48		
		<i>For Work In Restricted Working Space, Add</i>	6.90		
23 21 13 23-0263	EA	2-1/2" x 8" Long, Schedule 40 Black Steel Nipple	93.20		19.03
		<i>For Schedule 80 Nipples, Add</i>	32.35		
		<i>For Work In Restricted Working Space, Add</i>	8.55		
23 21 13 23-0264	EA	3" x 8" Long, Schedule 40 Black Steel Nipple	125.47		22.98
		<i>For Schedule 80 Nipples, Add</i>	45.50		
		<i>For Work In Restricted Working Space, Add</i>	10.34		
23 21 13 23-0265	EA	4" x 8" Long, Schedule 40 Black Steel Nipple	147.34		26.68
		<i>For Schedule 80 Nipples, Add</i>	53.68		
		<i>For Work In Restricted Working Space, Add</i>	11.99		
23 21 13 23-0266	EA	3/8" x 10" Long, Schedule 40 Black Steel Nipple	36.42		10.15
		<i>For Schedule 80 Nipples, Add</i>	10.58		
		<i>For Work In Restricted Working Space, Add</i>	4.58		
23 21 13 23-0267	EA	1/2" x 10" Long, Schedule 40 Black Steel Nipple	28.52		10.15
		<i>For Schedule 80 Nipples, Add</i>	6.63		
		<i>For Work In Restricted Working Space, Add</i>	4.58		
23 21 13 23-0268	EA	3/4" x 10" Long, Schedule 40 Black Steel Nipple	30.95		10.15
		<i>For Schedule 80 Nipples, Add</i>	7.84		
		<i>For Work In Restricted Working Space, Add</i>	4.58		
23 21 13 23-0269	EA	1" x 10" Long, Schedule 40 Black Steel Nipple	37.51		11.01
		<i>For Schedule 80 Nipples, Add</i>	10.54		
		<i>For Work In Restricted Working Space, Add</i>	4.93		
23 21 13 23-0270	EA	1-1/4" x 10" Long, Schedule 40 Black Steel Nipple	44.95		11.87
		<i>For Schedule 80 Nipples, Add</i>	13.57		
		<i>For Work In Restricted Working Space, Add</i>	5.34		
23 21 13 23-0271	EA	1-1/2" x 10" Long, Schedule 40 Black Steel Nipple	48.19		11.87
		<i>For Schedule 80 Nipples, Add</i>	15.19		
		<i>For Work In Restricted Working Space, Add</i>	5.34		
23 21 13 23-0272	EA	2" x 10" Long, Schedule 40 Black Steel Nipple	66.42		15.28
		<i>For Schedule 80 Nipples, Add</i>	21.72		
		<i>For Work In Restricted Working Space, Add</i>	6.90		
23 21 13 23-0273	EA	2-1/2" x 10" Long, Schedule 40 Black Steel Nipple	101.18		19.03
		<i>For Schedule 80 Nipples, Add</i>	36.34		
		<i>For Work In Restricted Working Space, Add</i>	8.55		
23 21 13 23-0274	EA	3" x 10" Long, Schedule 40 Black Steel Nipple	136.69		22.98
		<i>For Schedule 80 Nipples, Add</i>	51.11		
		<i>For Work In Restricted Working Space, Add</i>	10.34		
23 21 13 23-0275	EA	4" x 10" Long, Schedule 40 Black Steel Nipple	162.24		26.68
		<i>For Schedule 80 Nipples, Add</i>	61.13		
		<i>For Work In Restricted Working Space, Add</i>	11.99		
23 21 13 23-0276	EA	3/8" x 12" Long, Schedule 40 Black Steel Nipple	39.33		10.15
		<i>For Schedule 80 Nipples, Add</i>	12.03		
		<i>For Work In Restricted Working Space, Add</i>	4.58		
23 21 13 23-0277	EA	1/2" x 12" Long, Schedule 40 Black Steel Nipple	30.99		10.15
		<i>For Schedule 80 Nipples, Add</i>	7.86		
		<i>For Work In Restricted Working Space, Add</i>	4.58		
23 21 13 23-0278	EA	3/4" x 12" Long, Schedule 40 Black Steel Nipple	32.69		10.15
		<i>For Schedule 80 Nipples, Add</i>	8.71		
		<i>For Work In Restricted Working Space, Add</i>	4.58		
23 21 13 23-0279	EA	1" x 12" Long, Schedule 40 Black Steel Nipple	40.63		11.01
		<i>For Schedule 80 Nipples, Add</i>	12.10		
		<i>For Work In Restricted Working Space, Add</i>	4.93		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0280	EA		1-1/4" x 12" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	48.60 15.40 5.34	11.87
23 21 13 23-0281	EA		1-1/2" x 12" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	52.81 17.50 5.34	11.87
23 21 13 23-0282	EA		2" x 12" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	72.98 25.00 6.90	15.28
23 21 13 23-0283	EA		2-1/2" x 12" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	109.36 40.43 8.55	19.03
23 21 13 23-0284	EA		3" x 12" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	147.91 56.72 10.34	22.98
23 21 13 23-0285	EA		4" x 12" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	183.31 71.67 11.99	26.68
23 21 13 23-0286			Black Malleable Iron Bushing <small>(23 21 13 23-0014)</small>		
23 21 13 23-0287	EA		1/2" x 3/8", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	36.42 7.84	17.43
23 21 13 23-0288	EA		3/4" x 3/8", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	42.91 8.42	18.71
23 21 13 23-0289	EA		3/4" x 1/2", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	45.06 9.06	20.10
23 21 13 23-0290	EA		1" x 3/8", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	50.41 8.98	19.99
23 21 13 23-0291	EA		1" x 1/2", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	47.37 9.62	21.38
23 21 13 23-0292	EA		1" x 3/4", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	49.08 10.13	22.55
23 21 13 23-0293	EA		1-1/4" x 3/8", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	55.25 9.68	21.49
23 21 13 23-0294	EA		1-1/4" x 1/2", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	56.36 10.33	22.98
23 21 13 23-0295	EA		1-1/4" x 3/4", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	55.86 10.83	24.05
23 21 13 23-0296	EA		1-1/4" x 1", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	57.73 11.39	25.33
23 21 13 23-0297	EA		1-1/2" x 3/8", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	65.16 10.46	23.30
23 21 13 23-0298	EA		1-1/2" x 1/2", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	61.97 11.10	24.69
23 21 13 23-0299	EA		1-1/2" x 3/4", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	63.67 11.61	25.76
23 21 13 23-0300	EA		1-1/2" x 1", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	62.50 12.17	27.04
23 21 13 23-0301	EA		1-1/2" x 1-1/4", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	67.96 12.87	28.65
23 21 13 23-0302	EA		2" x 3/8", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	83.80 12.30	27.36
23 21 13 23-0303	EA		2" x 1/2", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	80.86 12.94	28.75
23 21 13 23-0304	EA		2" x 3/4", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	76.76 13.45	29.93
23 21 13 23-0305	EA		2" x 1", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	76.61 14.01	31.11
23 21 13 23-0306	EA		2" x 1-1/4", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	78.96 14.72	32.71
23 21 13 23-0307	EA		2" x 1-1/2", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	84.90 15.49	34.42
23 21 13 23-0308	EA		2-1/2" x 3/4", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	113.05 17.61	39.12
23 21 13 23-0309	EA		2-1/2" x 1", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	114.91 18.17	40.41
23 21 13 23-0310	EA		2-1/2" x 1-1/4", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	117.26 18.88	41.90
23 21 13 23-0311	EA		2-1/2" x 1-1/2", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	116.12 19.65	43.72
23 21 13 23-0312	EA		2-1/2" x 2", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	121.85 21.49	47.78
23 21 13 23-0313	EA		3" x 3/4", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	147.35 21.66	48.10
23 21 13 23-0314	EA		3" x 1", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	149.21 22.22	49.38
23 21 13 23-0315	EA		3" x 1-1/4", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	151.57 22.93	50.98
23 21 13 23-0316	EA		3" x 1-1/2", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	152.69 23.70	52.69
23 21 13 23-0317	EA		3" x 2", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	154.00 25.54	56.75
23 21 13 23-0318	EA		3" x 2-1/2", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	168.90 29.70	66.05
23 21 13 23-0319	EA		4" x 3/4", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	217.35 21.97	48.77
23 21 13 23-0320	EA		4" x 1", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	219.08 22.49	49.97

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 13 23-0321	EA	4" x 1-1/4", 150 LB, Black Malleable Iron Bushing.....	221.28	51.47
		<i>For Work In Restricted Working Space, Add</i>	23.15	
23 21 13 23-0322	EA	4" x 1-1/2", 150 LB, Black Malleable Iron Bushing.....	223.69	53.07
		<i>For Work In Restricted Working Space, Add</i>	23.87	
23 21 13 23-0323	EA	4" x 2", 150 LB, Black Malleable Iron Bushing.....	221.70	56.87
		<i>For Work In Restricted Working Space, Add</i>	25.59	
23 21 13 23-0324	EA	4" x 2-1/2", 150 LB, Black Malleable Iron Bushing.....	234.66	65.56
		<i>For Work In Restricted Working Space, Add</i>	29.48	
23 21 13 23-0325	EA	4" x 3", 150 LB, Black Malleable Iron Bushing.....	247.29	73.95
		<i>For Work In Restricted Working Space, Add</i>	33.27	
23 21 13 23-0326 Black Malleable Iron Square Head Plugs (23 21 13 23-0014)				
23 21 13 23-0327	EA	3/8", 150 LB, Black Malleable Iron Square Head Plug.....	17.37	6.31
		<i>For Work In Restricted Working Space, Add</i>	2.85	
23 21 13 23-0328	EA	1/2", 150 LB, Black Malleable Iron Square Head Plug.....	19.79	7.59
		<i>For Work In Restricted Working Space, Add</i>	3.42	
23 21 13 23-0329	EA	3/4", 150 LB, Black Malleable Iron Square Head Plug.....	21.15	8.55
		<i>For Work In Restricted Working Space, Add</i>	3.83	
23 21 13 23-0330	EA	1", 150 LB, Black Malleable Iron Square Head Plug.....	24.80	9.51
		<i>For Work In Restricted Working Space, Add</i>	4.27	
23 21 13 23-0331	EA	1-1/4", 150 LB, Black Malleable Iron Square Head Plug.....	29.42	10.80
		<i>For Work In Restricted Working Space, Add</i>	4.84	
23 21 13 23-0332	EA	1-1/2", 150 LB, Black Malleable Iron Square Head Plug.....	36.74	12.08
		<i>For Work In Restricted Working Space, Add</i>	5.46	
23 21 13 23-0333	EA	2", 150 LB, Black Malleable Iron Square Head Plug.....	49.47	15.39
		<i>For Work In Restricted Working Space, Add</i>	6.93	
23 21 13 23-0334	EA	2-1/2", 150 LB, Black Malleable Iron Square Head Plug.....	82.18	22.77
		<i>For Work In Restricted Working Space, Add</i>	10.26	
23 21 13 23-0335	EA	3", 150 LB, Black Malleable Iron Square Head Plug.....	110.88	30.04
		<i>For Work In Restricted Working Space, Add</i>	13.50	
23 21 13 23-0336	EA	4", 150 LB, Black Malleable Iron Square Head Plug.....	184.82	31.08
		<i>For Work In Restricted Working Space, Add</i>	13.99	
23 21 13 23-0337	EA	5", 150 LB, Black Malleable Iron Square Head Plug.....	345.45	32.48
		<i>For Work In Restricted Working Space, Add</i>	14.60	
23 21 13 23-0338	EA	6", 150 LB, Black Malleable Iron Square Head Plug.....	418.49	33.87
		<i>For Work In Restricted Working Space, Add</i>	15.26	
23 21 13 23-0339 125 LB Black Cast Iron Screwed Flanges (23 21 13 23-0014)				
		Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.		
23 21 13 23-0340	EA	3/4", 125 LB, Black Cast Iron Flange.....	214.57	42.75
		<i>For Work In Restricted Working Space, Add</i>	19.24	
23 21 13 23-0341	EA	1", 125 LB, Black Cast Iron Flange.....	168.15	48.31
		<i>For Work In Restricted Working Space, Add</i>	21.74	
23 21 13 23-0342	EA	1-1/4", 125 LB, Black Cast Iron Flange.....	189.48	50.03
		<i>For Work In Restricted Working Space, Add</i>	22.50	
23 21 13 23-0343	EA	1-1/2", 125 LB, Black Cast Iron Flange.....	187.38	54.41
		<i>For Work In Restricted Working Space, Add</i>	24.48	
23 21 13 23-0344	EA	2", 125 LB, Black Cast Iron Flange.....	190.72	56.75
		<i>For Work In Restricted Working Space, Add</i>	25.55	
23 21 13 23-0345	EA	2-1/2", 125 LB, Black Cast Iron Flange.....	222.00	65.73
		<i>For Work In Restricted Working Space, Add</i>	29.55	
23 21 13 23-0346	EA	3", 125 LB, Black Cast Iron Flange.....	284.10	83.37
		<i>For Work In Restricted Working Space, Add</i>	37.50	
23 21 13 23-0347	EA	4", 125 LB, Black Cast Iron Flange.....	374.30	106.64
		<i>For Work In Restricted Working Space, Add</i>	47.97	
23 21 13 23-0348	EA	5", 125 LB, Black Cast Iron Flange.....	493.23	127.02
		<i>For Work In Restricted Working Space, Add</i>	57.11	
23 21 13 23-0349	EA	6", 125 LB, Black Cast Iron Flange.....	561.30	145.82
		<i>For Work In Restricted Working Space, Add</i>	65.59	
23 21 13 23-0350 150 LB, Black Malleable Iron Flanges (23 21 13 23-0014)				
		Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.		
23 21 13 23-0351	EA	1/2", 150 LB, Black Malleable Iron Flange.....	91.84	39.01
		<i>For Work In Restricted Working Space, Add</i>	17.57	
23 21 13 23-0352	EA	3/4", 150 LB, Black Malleable Iron Flange.....	99.99	42.75
		<i>For Work In Restricted Working Space, Add</i>	19.24	
23 21 13 23-0353	EA	1", 150 LB, Black Malleable Iron Flange.....	119.05	48.31
		<i>For Work In Restricted Working Space, Add</i>	21.74	
23 21 13 23-0354	EA	1-1/4", 150 LB, Black Malleable Iron Flange.....	124.81	50.03
		<i>For Work In Restricted Working Space, Add</i>	22.50	
23 21 13 23-0355	EA	1-1/2", 150 LB, Black Malleable Iron Flange.....	135.94	54.41
		<i>For Work In Restricted Working Space, Add</i>	24.48	
23 21 13 23-0356	EA	2", 150 LB, Black Malleable Iron Flange.....	156.02	56.75
		<i>For Work In Restricted Working Space, Add</i>	25.55	
23 21 13 23-0357	EA	2-1/2", 150 LB, Black Malleable Iron Flange.....	209.64	65.73
		<i>For Work In Restricted Working Space, Add</i>	29.55	
23 21 13 23-0358	EA	3", 150 LB, Black Malleable Iron Flange.....	265.44	83.37
		<i>For Work In Restricted Working Space, Add</i>	37.49	
23 21 13 23-0359	EA	4", 150 LB, Black Malleable Iron Flange.....	398.45	106.64
		<i>For Work In Restricted Working Space, Add</i>	47.96	
23 21 13 23-0360 Cut And Thread Existing In-Place Black Steel Pipe (23 21 13 23-0014)				
		Note: For use when connecting pipe to an existing in-place system.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0361	EA		1/2", Cut And Thread Existing In Place Black Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	34.82 10.45	
23 21 13 23-0362	EA		3/4", Cut And Thread Existing In Place Black Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	38.30 11.49	
23 21 13 23-0363	EA		1", Cut And Thread Existing In Place Black Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	41.79 12.54	
23 21 13 23-0364	EA		1-1/4", Cut And Thread Existing In Place Black Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	45.27 13.58	
23 21 13 23-0365	EA		1-1/2", Cut And Thread Existing In Place Black Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	47.58 14.27	
23 21 13 23-0366	EA		2", Cut And Thread Existing In Place Black Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	49.91 14.97	
23 21 13 23-0367	EA		2-1/2", Cut And Thread Existing In Place Black Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	52.24 15.67	
23 21 13 23-0368	EA		3", Cut And Thread Existing In Place Black Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	54.55 16.37	
23 21 13 23-0369	EA		4", Cut And Thread Existing In Place Black Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	56.88 17.06	
23 21 13 23-0370	EA		6", Cut And Thread Existing In Place Black Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	61.52 18.46	
23 21 13 23-0371	EA		8", Cut And Thread Existing In Place Black Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	66.16 19.85	
23 21 13 23-0372	EA		10", Cut And Thread Existing In Place Black Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	71.96 21.59	
23 21 13 23-0373	EA		12", Cut And Thread Existing In Place Black Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	76.60 22.98	
23 21 13 23-0374			Welded Black Steel Pipe <small>(23 21 13 23)</small>		
23 21 13 23-0375			Welded Plain End Black Steel Pipe Assemblies <small>(23 21 13 23-0374)</small>		
			Note: ASTM A-53 pipe and A-234 WPB fittings. Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
23 21 13 23-0376	LF		3/4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... <i>For Work In Restricted Working Space, Add</i>	28.25 5.94	8.13
23 21 13 23-0377	LF		1" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... <i>For Work In Restricted Working Space, Add</i>	32.10 6.65	8.67
23 21 13 23-0378	LF		1-1/4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... <i>For Work In Restricted Working Space, Add</i>	39.50 7.63	9.21
23 21 13 23-0379	LF		1-1/2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... <i>For Work In Restricted Working Space, Add</i>	43.70 7.98	9.21
23 21 13 23-0380	LF		2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... <i>For Work In Restricted Working Space, Add</i>	50.39 9.24	9.21
23 21 13 23-0381	LF		2-1/2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... <i>For Work In Restricted Working Space, Add</i>	58.40 10.71	9.21
23 21 13 23-0382	LF		3" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... <i>For Work In Restricted Working Space, Add</i>	72.11 11.30	8.99
23 21 13 23-0383	LF		4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... <i>For Work In Restricted Working Space, Add</i>	98.72 13.61	10.96
23 21 13 23-0384	LF		6" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... <i>For Work In Restricted Working Space, Add</i>	141.71 15.66	16.34
23 21 13 23-0385	LF		8" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... <i>For Work In Restricted Working Space, Add</i>	214.50 23.24	20.29
23 21 13 23-0386	LF		10" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... <i>For Work In Restricted Working Space, Add</i>	290.96 27.71	25.38
23 21 13 23-0387	LF		12" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... <i>For Work In Restricted Working Space, Add</i>	371.80 32.02	30.65
23 21 13 23-0388	LF		14" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... <i>For Work In Restricted Working Space, Add</i>	387.07 35.72	39.99
23 21 13 23-0389	LF		16" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... <i>For Work In Restricted Working Space, Add</i>	444.38 39.92	50.74

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 21 13 23-0390	LF 18" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	578.43 43.80	62.83
23 21 13 23-0391	LF 20" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	718.31 50.14	77.64
23 21 13 23-0392	LF 24" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	894.90 55.13	87.99
23 21 13 23-0393	Welded Black Steel Pipe And Fittings (23 21 13 23-0374) Note: ASTM A-53 pipe and A-234 WPB fittings. Excludes hangers or fittings.		
23 21 13 23-0394	Welded Plain End (A-53) Black Steel Piping (23 21 13 23-0393)		
23 21 13 23-0395	LF 3/4" Schedule 40, Welded Plain End Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	13.74 2.31 2.60	4.33
23 21 13 23-0396	LF 1" Schedule 40, Welded Plain End Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	17.57 2.97 3.25	5.42
23 21 13 23-0397	LF 1-1/4" Schedule 40, Welded Plain End Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	22.89 3.93 3.90	6.50
23 21 13 23-0398	LF 1-1/2" Schedule 40, Welded Plain End Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	28.29 4.90 4.55	7.59
23 21 13 23-0399	LF 2" Schedule 40, Welded Plain End Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	33.69 5.84 5.39	8.99
23 21 13 23-0400	LF 2-1/2" Schedule 40, Welded Plain End Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	38.70 9.98 6.11	10.18
23 21 13 23-0401	LF 3" Schedule 40, Welded Plain End Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	50.98 14.01 6.56	10.94
23 21 13 23-0402	LF 4" Schedule 40, Welded Plain End Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	73.73 21.06 8.13	13.54
23 21 13 23-0403	LF 6" Schedule 40, Welded Plain End Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	111.75 33.24 10.07	21.94
23 21 13 23-0404	LF 8" Schedule 40, Welded Plain End Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Schedule 30 Pipe, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	161.50 48.89 -27.94 13.09	21.82
23 21 13 23-0405	LF 10" Schedule 40, Welded Plain End Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Schedule 30 Pipe, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	219.39 67.59 -38.62 15.77	26.29
23 21 13 23-0406	LF 12" Schedule 40, Welded Plain End Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Schedule 30 Pipe, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	284.14 88.33 -50.48 19.06	31.77
23 21 13 23-0407	LF 14" Schedule 40, Welded Plain End Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Schedule 30 Pipe, Deduct</i> <i>For Schedule 20 Pipe, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	268.14 82.13 -46.93 -83.80 20.09	33.49
23 21 13 23-0408	LF 16" Schedule 40, Welded Plain End Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Schedule 30 Pipe, Deduct</i> <i>For Schedule 20 Pipe, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	296.91 91.31 -52.18 -93.11 21.62	36.03
23 21 13 23-0409	LF 18" Schedule 40, Welded Plain End Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Schedule 30 Pipe, Deduct</i> <i>For Schedule 20 Pipe, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	389.58 122.71 -70.12 -124.66 23.39	38.98
23 21 13 23-0410	LF 20" Schedule 40, Welded Plain End Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	459.28 144.41 28.01	46.69
23 21 13 23-0411	LF 24" Schedule 40, Welded Plain End Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	580.06 184.23 32.21	53.69
23 21 13 23-0412	Welded Plain End (A-106) Seamless Carbon Steel Piping (23 21 13 23-0393)		
23 21 13 23-0413	LF 1/4" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	11.01 1.82 2.74	3.03
23 21 13 23-0414	LF 1/2" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	11.15 1.98 2.67	3.36
23 21 13 23-0415	LF 3/4" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	14.08 2.60 3.30	4.33

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0416	LF		1" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	17.26 3.25 4.00	5.42
23 21 13 23-0417	LF		1-1/4" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	21.81 3.90 5.21	6.50
23 21 13 23-0418	LF		1-1/2" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	25.46 4.55 6.09	7.59
23 21 13 23-0419	LF		2" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	30.25 5.39 7.24	8.99
23 21 13 23-0420	LF		2-1/2" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	40.01 6.11 14.05	10.18
23 21 13 23-0421	LF		3" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	45.91 6.56 16.74	10.94
23 21 13 23-0422	LF		4" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	57.08 8.13 20.86	13.54
23 21 13 23-0423	LF		6" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	89.44 10.07 36.32	21.99
23 21 13 23-0424	LF		8" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	127.71 13.09 53.63	21.82
23 21 13 23-0425	LF		10" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	172.48 15.77 75.04	26.29
23 21 13 23-0426	LF		12" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	210.34 19.06 91.74	31.77
23 21 13 23-0427	LF		14" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	247.53 20.09 111.16	33.49
23 21 13 23-0428	LF		16" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	286.33 21.62 130.80	36.03
23 21 13 23-0429	LF		18" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	348.27 23.39 163.07	38.98
23 21 13 23-0430	LF		20" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	419.75 28.01 196.77	46.69
23 21 13 23-0431	LF		24" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	530.19 32.21 252.88	53.69
23 21 13 23-0432			Welded Plain End Black Steel 90 Degree Elbows <small>(23 21 13 23-0393)</small>		
23 21 13 23-0433	EA		3/4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	117.52 25.13 28.93	64.34
23 21 13 23-0434	EA		1" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	122.57 26.12 30.44	67.70
23 21 13 23-0435	EA		1-1/4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	136.79 28.89 34.71	77.13
23 21 13 23-0436	EA		1-1/2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	145.91 30.67 37.44	83.22
23 21 13 23-0437	EA		2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	183.45 37.99 48.71	108.29
23 21 13 23-0438	EA		2-1/2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	231.08 48.02 60.88	135.39
23 21 13 23-0439	EA		3" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	253.14 52.89 65.85	146.46
23 21 13 23-0440	EA		4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	435.02 90.67 113.83	253.06
23 21 13 23-0441	EA		6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	762.93 163.13 187.86	417.62
23 21 13 23-0442	EA		8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,078.39 236.93 247.39	549.98
23 21 13 23-0443	EA		10" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,408.36 323.55 282.73	628.63
23 21 13 23-0444	EA		12" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,908.71 443.14 369.92	822.49
23 21 13 23-0445	EA		14" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,372.03 558.56 437.27	972.19

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 13 23-0446	EA	16"	Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,953.71	1,135.29
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	707.40	
			<i>For Work In Restricted Working Space, Add</i>	510.60	
23 21 13 23-0447	EA	18"	Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	3,508.85	1,265.90
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	853.38	
			<i>For Work In Restricted Working Space, Add</i>	569.36	
23 21 13 23-0448	EA	20"	Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	4,495.87	1,419.36
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,125.32	
			<i>For Work In Restricted Working Space, Add</i>	638.42	
23 21 13 23-0449	EA	24"	Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	5,293.48	1,466.76
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,357.15	
			<i>For Work In Restricted Working Space, Add</i>	659.69	
23 21 13 23-0450			Welded Plain End Black Steel Reducing 90 Degree Elbows <small>(23 21 13 23-0393)</small>		
23 21 13 23-0451	EA	4" x 3"	90 Standard Weight, Welded Plain End Black Steel Reducing 90 Degree Elbow	608.87	253.50
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	142.75	
			<i>For Work In Restricted Working Space, Add</i>	114.03	
23 21 13 23-0452	EA	6" x 4"	Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,066.51	412.86
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	254.95	
			<i>For Work In Restricted Working Space, Add</i>	185.71	
23 21 13 23-0453	EA	6" x 3"	Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,143.24	412.86
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	277.97	
			<i>For Work In Restricted Working Space, Add</i>	185.71	
23 21 13 23-0454	EA	8" x 6"	Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,768.55	549.98
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	443.98	
			<i>For Work In Restricted Working Space, Add</i>	247.39	
23 21 13 23-0455	EA	8" x 4"	Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,951.48	549.98
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	498.86	
			<i>For Work In Restricted Working Space, Add</i>	247.39	
23 21 13 23-0456	EA	10" x 8"	Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,451.22	628.63
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	636.41	
			<i>For Work In Restricted Working Space, Add</i>	282.73	
23 21 13 23-0457	EA	10" x 6"	Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,451.22	628.63
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	636.41	
			<i>For Work In Restricted Working Space, Add</i>	282.73	
23 21 13 23-0458	EA	12" x 10"	Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	4,057.86	838.11
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,085.42	
			<i>For Work In Restricted Working Space, Add</i>	376.97	
23 21 13 23-0459	EA	12" x 8"	Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	4,057.86	838.11
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,085.42	
			<i>For Work In Restricted Working Space, Add</i>	376.97	
23 21 13 23-0460	EA	12" x 6"	Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	4,555.46	838.11
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,234.70	
			<i>For Work In Restricted Working Space, Add</i>	376.97	
23 21 13 23-0461			Welded Plain End Black Steel 45 Degree Elbows <small>(23 21 13 23-0393)</small>		
23 21 13 23-0462	EA	3/4"	Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	108.83	61.42
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	22.98	
			<i>For Work In Restricted Working Space, Add</i>	27.62	
23 21 13 23-0463	EA	1"	Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	112.08	63.59
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	23.61	
			<i>For Work In Restricted Working Space, Add</i>	28.60	
23 21 13 23-0464	EA	1-1/4"	Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	126.17	73.02
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	26.36	
			<i>For Work In Restricted Working Space, Add</i>	32.83	
23 21 13 23-0465	EA	1-1/2"	Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	134.83	78.76
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	28.05	
			<i>For Work In Restricted Working Space, Add</i>	35.42	
23 21 13 23-0466	EA	2"	Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	169.50	101.83
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	34.81	
			<i>For Work In Restricted Working Space, Add</i>	45.83	
23 21 13 23-0467	EA	2-1/2"	Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	211.25	127.94
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	43.24	
			<i>For Work In Restricted Working Space, Add</i>	57.53	
23 21 13 23-0468	EA	3"	Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	244.03	146.36
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	50.16	
			<i>For Work In Restricted Working Space, Add</i>	65.84	
23 21 13 23-0469	EA	4"	Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	419.92	252.96
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	86.15	
			<i>For Work In Restricted Working Space, Add</i>	113.80	
23 21 13 23-0470	EA	6"	Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	725.31	417.18
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	151.92	
			<i>For Work In Restricted Working Space, Add</i>	187.64	
23 21 13 23-0471	EA	8"	Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	1,009.91	549.98
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	216.39	
			<i>For Work In Restricted Working Space, Add</i>	247.39	
23 21 13 23-0472	EA	10"	Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	1,282.63	628.63
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	285.83	
			<i>For Work In Restricted Working Space, Add</i>	282.73	
23 21 13 23-0473	EA	12"	Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	1,724.08	820.97
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	387.99	
			<i>For Work In Restricted Working Space, Add</i>	369.23	
23 21 13 23-0474	EA	14"	Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	2,127.19	973.51
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	484.91	
			<i>For Work In Restricted Working Space, Add</i>	437.85	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13	23-0475	EA 16" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	2,614.18 605.73 510.08	1,134.07
23 21	13	23-0476	EA 18" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	3,071.95 722.54 568.70	1,264.39
23 21	13	23-0477	EA 20" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	3,856.91 933.63 638.42	1,419.36
23 21	13	23-0478	EA 24" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	4,458.42 1,106.63 659.69	1,466.76
23 21 13 23-0479 Welded Plain End Black Steel Tee (23 21 13 23-0393)					
23 21	13	23-0480	EA 3/4" Standard Weight, Welded Plain End Black Steel Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	223.92 48.98 52.00	115.59
23 21	13	23-0481	EA 1" Standard Weight, Welded Plain End Black Steel Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	223.86 48.96 51.98	115.59
23 21	13	23-0482	EA 1-1/4" Standard Weight, Welded Plain End Black Steel Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	253.73 55.88 57.83	128.59
23 21	13	23-0483	EA 1-1/2" Standard Weight, Welded Plain End Black Steel Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	277.63 60.54 65.00	144.51
23 21	13	23-0484	EA 2" Standard Weight, Welded Plain End Black Steel Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	343.20 72.59 86.78	192.94
23 21	13	23-0485	EA 2-1/2" Standard Weight, Welded Plain End Black Steel Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	392.01 83.48 97.50	216.78
23 21	13	23-0486	EA 3" Standard Weight, Welded Plain End Black Steel Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	468.49 99.14 118.30	263.25
23 21	13	23-0487	EA 4" Standard Weight, Welded Plain End Black Steel Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	673.35 142.14 171.05	380.36
23 21	13	23-0488	EA 6" Standard Weight, Welded Plain End Black Steel Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	1,129.83 240.04 282.61	628.32
23 21	13	23-0489	EA 8" Standard Weight, Welded Plain End Black Steel Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	1,604.30 349.35 376.97	838.11
23 21	13	23-0490	EA 10" Standard Weight, Welded Plain End Black Steel Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	2,049.04 460.78 439.80	977.77
23 21	13	23-0491	EA 12" Standard Weight, Welded Plain End Black Steel Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	2,771.61 633.57 565.45	1,257.18
23 21	13	23-0492	EA 14" Standard Weight, Welded Plain End Black Steel Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	3,624.71 856.52 659.69	1,466.76
23 21	13	23-0493	EA 16" Standard Weight, Welded Plain End Black Steel Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	4,362.41 1,031.65 791.64	1,760.06
23 21	13	23-0494	EA 18" Standard Weight, Welded Plain End Black Steel Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	5,747.46 1,416.38 879.59	1,955.64
23 21	13	23-0495	EA 20" Standard Weight, Welded Plain End Black Steel Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	7,645.22 1,947.23 989.54	2,200.14
23 21	13	23-0496	EA 24" Standard Weight, Welded Plain End Black Steel Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	8,854.07 2,283.24 1,065.67	2,369.37
23 21 13 23-0497 Welded Plain End Black Steel Reducing Tees (23 21 13 23-0393)					
23 21	13	23-0498	EA 3/4" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	218.50 47.92 50.37	112.01
23 21	13	23-0499	EA 1" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	223.86 48.96 51.98	115.59
23 21	13	23-0500	EA 1-1/4" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	250.50 54.91 57.83	128.59
23 21	13	23-0501	EA 1-1/2" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	274.40 59.57 65.00	144.51
23 21	13	23-0502	EA 2" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	350.46 74.76 86.81	192.94
23 21	13	23-0503	EA 2-1/2" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	392.13 83.50 97.54	216.88

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 20 HVAC Piping and Pumps

23 21 Hydronic Piping and Pumps



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0504	EA	3" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	468.83 99.25 118.30	263.25
23 21	13 23-0505	EA	4" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	673.83 142.28 171.05	380.36
23 21	13 23-0506	EA	6" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,130.65 240.28 282.61	628.32
23 21	13 23-0507	EA	8" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,605.87 349.82 376.97	838.11
23 21	13 23-0508	EA	10" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,051.70 461.58 439.80	977.77
23 21	13 23-0509	EA	12" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,775.63 634.78 565.45	1,257.18
23 21	13 23-0510	EA	14" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,631.19 858.46 659.69	1,466.76
23 21	13 23-0511	EA	16" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	4,370.26 1,034.01 791.64	1,760.06
23 21	13 23-0512	EA	18" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	5,760.29 1,420.23 879.59	1,955.64
23 21	13 23-0513	EA	20" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	7,769.81 1,984.60 989.54	2,200.14
23 21	13 23-0514	EA	24" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	9,410.61 2,450.20 1,065.67	2,369.37
23 21 13 23-0515 Welded Plain End Black Steel Eccentric Reducers (23 21 13 23-0393)					
23 21	13 23-0516	EA	1" x 3/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	229.18 57.66 31.68	70.45
23 21	13 23-0517	EA	1-1/4" x 1" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	239.46 59.67 34.77	77.31
23 21	13 23-0518	EA	1-1/4" x 3/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	236.77 59.15 33.96	75.51
23 21	13 23-0519	EA	1-1/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	251.92 62.10 38.51	85.62
23 21	13 23-0520	EA	1-1/2" x 1" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	244.34 60.62 36.23	80.56
23 21	13 23-0521	EA	1-1/2" x 3/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	241.64 60.09 35.42	78.76
23 21	13 23-0522	EA	2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	228.13 52.35 45.98	102.22
23 21	13 23-0523	EA	2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	269.62 65.31 44.52	98.97
23 21	13 23-0524	EA	2" x 1" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	262.04 63.83 42.24	93.92
23 21	13 23-0525	EA	2-1/2" x 2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	281.80 64.07 58.49	130.04
23 21	13 23-0526	EA	2-1/2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	276.72 64.65 52.48	116.68
23 21	13 23-0527	EA	2-1/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	354.17 88.40 51.02	113.42
23 21	13 23-0528	EA	3" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	313.91 71.19 65.66	145.92
23 21	13 23-0529	EA	3" x 2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	320.64 73.21 65.66	145.92
23 21	13 23-0530	EA	3" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	334.86 77.48 65.66	145.92
23 21	13 23-0531	EA	4" x 3" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	504.36 111.40 114.03	253.50
23 21	13 23-0532	EA	4" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	511.08 113.41 114.03	253.50
23 21	13 23-0533	EA	4" x 2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	531.31 119.48 114.03	253.50

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13	23-0534	EA 6" x 4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	875.01 197.50 185.71	412.86
23 21	13	23-0535	EA 6" x 3" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	1,020.21 241.06 185.71	412.86
23 21	13	23-0536	EA 8" x 6" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	1,268.36 281.60 282.61	628.32
23 21	13	23-0537	EA 8" x 4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	1,538.53 362.65 282.61	628.32
23 21	13	23-0538	EA 10" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	1,510.70 339.46 325.00	722.57
23 21	13	23-0539	EA 10" x 6" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	1,835.53 436.91 325.00	722.57
23 21	13	23-0540	EA 10" x 4" Standard Weight, Welded Plain End Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Concentric Reducers, Deduct For Work In Restricted Working Space, Add</i>	2,262.90 565.12 -377.46 325.00	722.57
23 21	13	23-0541	EA 12" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	1,921.04 444.62 376.25	836.49
23 21	13	23-0542	EA 12" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	2,300.51 558.47 376.25	836.49
23 21	13	23-0543	EA 12" x 6" Standard Weight, Welded Plain End Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Concentric Reducers, Deduct For Work In Restricted Working Space, Add</i>	2,941.93 750.89 -540.08 376.25	836.49
23 21	13	23-0544	EA 12" x 4" Standard Weight, Welded Plain End Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Concentric Reducers, Deduct For Work In Restricted Working Space, Add</i>	1,910.28 441.40 -209.96 376.25	836.49
23 21	13	23-0545	EA 14" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	2,636.57 637.04 439.80	977.77
23 21	13	23-0546	EA 14" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	2,836.40 696.99 439.80	977.77
23 21	13	23-0547	EA 14" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	4,828.69 1,294.68 439.80	977.77
23 21	13	23-0548	EA 16" x 14" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	3,439.52 858.69 494.77	1,100.07
23 21	13	23-0549	EA 16" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	4,027.82 1,035.18 494.77	1,100.07
23 21	13	23-0550	EA 16" x 10" Standard Weight, Welded Plain End Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Concentric Reducers, Deduct For Work In Restricted Working Space, Add</i>	4,256.84 1,103.88 -834.43 494.77	1,100.07
23 21	13	23-0551	EA 16" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	6,836.75 1,877.85 494.77	1,100.07
23 21	13	23-0552	EA 16" x 6" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	8,120.54 2,262.99 494.77	1,100.07
23 21	13	23-0553	EA 18" x 16" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	5,109.90 1,335.06 565.45	1,257.18
23 21	13	23-0554	EA 18" x 14" Standard Weight, Welded Plain End Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Concentric Reducers, Deduct For Work In Restricted Working Space, Add</i>	2,463.13 541.03 -185.05 565.45	1,257.18
23 21	13	23-0555	EA 18" x 12" Standard Weight, Welded Plain End Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Concentric Reducers, Deduct For Work In Restricted Working Space, Add</i>	5,419.02 1,427.80 -1,130.94 565.45	1,257.18
23 21	13	23-0556	EA 18" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	5,874.82 1,564.54 565.45	1,257.18
23 21	13	23-0557	EA 18" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	9,728.18 2,720.55 565.45	1,257.18
23 21	13	23-0558	EA 20" x 18" Standard Weight, Welded Plain End Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Concentric Reducers, Deduct For Work In Restricted Working Space, Add</i>	6,178.66 1,630.15 -1,296.20 638.42	1,419.36
23 21	13	23-0559	EA 20" x 16" Standard Weight, Welded Plain End Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Concentric Reducers, Deduct For Work In Restricted Working Space, Add</i>	6,168.19 1,627.01 -1,292.84 638.42	1,419.36
23 21	13	23-0560	EA 20" x 14" Standard Weight, Welded Plain End Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Concentric Reducers, Deduct For Work In Restricted Working Space, Add</i>	11,265.89 3,156.32 -2,924.11 638.42	1,419.36

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 20 HVAC Piping and Pumps

23 21 Hydronic Piping and Pumps



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0561	EA	20" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	13,310.62 3,769.74 638.41	1,419.36
23 21	13 23-0562	EA	20" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	16,377.83 4,689.90 638.41	1,419.36
23 21	13 23-0563	EA	24" x 20" Standard Weight, Welded Plain End Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	7,509.99 2,022.10 -1,699.52 659.69	1,466.76
23 21	13 23-0564	EA	24" x 18" Standard Weight, Welded Plain End Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	8,127.97 2,207.50 -1,897.28 659.69	1,466.76
23 21	13 23-0565	EA	24" x 16" Standard Weight, Welded Plain End Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	10,999.24 3,068.88 -2,816.08 659.69	1,466.76
23 21	13 23-0566	EA	24" x 14" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	16,342.43 4,671.84 659.70	1,466.76
23 21	13 23-0567	EA	24" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	20,348.85 5,873.76 659.70	1,466.76
23 21 13 23-0568 Welded Plain End Black Steel Concentric Reducers (23 21 13 23-0393)					
23 21	13 23-0569	EA	1" x 3/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	196.83 47.96 31.68	70.45
23 21	13 23-0570	EA	1-1/4" x 1" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	207.11 49.96 34.77	77.31
23 21	13 23-0571	EA	1-1/4" x 3/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	204.42 49.44 33.96	75.51
23 21	13 23-0572	EA	1-1/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	219.57 52.39 38.51	85.62
23 21	13 23-0573	EA	1-1/2" x 1" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	211.99 50.92 36.23	80.56
23 21	13 23-0574	EA	1-1/2" x 3/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	209.29 50.39 35.42	78.76
23 21	13 23-0575	EA	2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	211.64 47.40 45.98	102.22
23 21	13 23-0576	EA	2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	206.76 46.45 44.52	98.97
23 21	13 23-0577	EA	2" x 1" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	221.64 51.71 42.24	93.92
23 21	13 23-0578	EA	2-1/2" x 2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	269.83 60.48 58.49	130.04
23 21	13 23-0579	EA	2-1/2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	269.99 62.63 52.48	116.68
23 21	13 23-0580	EA	2-1/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	297.28 71.33 51.02	113.42
23 21	13 23-0581	EA	3" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	279.48 60.86 65.66	145.92
23 21	13 23-0582	EA	3" x 2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	283.97 62.21 65.66	145.92
23 21	13 23-0583	EA	3" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	293.71 65.13 65.66	145.92
23 21	13 23-0584	EA	4" x 3" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	457.95 97.47 114.03	253.50
23 21	13 23-0585	EA	4" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	475.17 102.64 114.03	253.50
23 21	13 23-0586	EA	4" x 2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	475.17 102.64 114.03	253.50
23 21	13 23-0587	EA	6" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	782.23 169.67 185.71	412.86
23 21	13 23-0588	EA	6" x 3" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	816.64 179.99 185.71	412.86
23 21	13 23-0589	EA	8" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,156.08 247.91 282.61	628.32

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0590	EA		8" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	1,217.46 266.33 282.61	628.32
23 21 13 23-0591	EA		10" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	1,498.73 335.87 325.00	722.57
23 21 13 23-0592	EA		10" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	1,473.28 328.23 325.00	722.57
23 21 13 23-0593	EA		10" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	1,793.62 424.34 325.00	722.57
23 21 13 23-0594	EA		12" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	1,767.61 398.60 376.25	836.49
23 21 13 23-0595	EA		12" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	1,844.53 421.67 376.25	836.49
23 21 13 23-0596	EA		12" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	1,872.39 430.03 376.25	836.49
23 21 13 23-0597	EA		12" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	2,688.95 675.00 376.25	836.49
23 21 13 23-0598	EA		14" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	2,238.39 517.59 439.80	977.77
23 21 13 23-0599	EA		14" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	2,523.54 603.13 439.80	977.77
23 21 13 23-0600	EA		14" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	2,771.28 677.46 439.80	977.77
23 21 13 23-0601	EA		14" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	3,728.73 964.69 439.80	977.77
23 21 13 23-0602	EA		16" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	3,000.93 727.11 494.77	1,100.07
23 21 13 23-0603	EA		16" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	3,000.93 727.11 494.77	1,100.07
23 21 13 23-0604	EA		16" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	3,143.15 769.77 494.77	1,100.07
23 21 13 23-0605	EA		16" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	3,615.41 911.45 494.77	1,100.07
23 21 13 23-0606	EA		16" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	5,571.29 1,498.22 494.77	1,100.07
23 21 13 23-0607	EA		18" x 16" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	3,361.53 810.55 565.45	1,257.18
23 21 13 23-0608	EA		18" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	3,726.04 919.90 565.45	1,257.18
23 21 13 23-0609	EA		18" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	3,878.71 965.70 565.45	1,257.18
23 21 13 23-0610	EA		18" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	4,294.09 1,090.32 565.45	1,257.18
23 21 13 23-0611	EA		18" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	9,067.56 2,522.36 565.45	1,257.18
23 21 13 23-0612	EA		20" x 18" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	4,662.28 1,175.24 638.41	1,419.36
23 21 13 23-0613	EA		20" x 16" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	4,662.28 1,175.24 638.41	1,419.36
23 21 13 23-0614	EA		20" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	4,766.33 1,206.45 638.41	1,419.36
23 21 13 23-0615	EA		20" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	5,382.31 1,391.25 638.41	1,419.36
23 21 13 23-0616	EA		20" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	6,454.07 1,712.78 638.41	1,419.36
23 21 13 23-0617	EA		24" x 20" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	5,065.57 1,288.78 659.70	1,466.76
23 21 13 23-0618	EA		24" x 18" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	5,130.66 1,308.30 659.70	1,466.76
23 21 13 23-0619	EA		24" x 16" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add For Work In Restricted Working Space, Add</i>	5,257.89 1,346.47 659.70	1,466.76

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 13 23-0620	EA	24" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	8,203.80	1,466.76
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	2,230.25	
		<i>For Work In Restricted Working Space, Add</i>	659.70	
23 21 13 23-0621	EA	24" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	8,785.35	1,466.76
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	2,404.71	
		<i>For Work In Restricted Working Space, Add</i>	659.70	
23 21 13 23-0622		Welded Plain End Black Steel Caps <small>(23 21 13 23-0393)</small>		
23 21 13 23-0623	EA	1" Standard Weight, Welded Plain End Black Steel Cap	64.88	36.18
		<i>For Schedule 80 Fittings, Add</i>	12.69	
		<i>For Work In Restricted Working Space, Add</i>	16.25	
23 21 13 23-0624	EA	1-1/4" Standard Weight, Welded Plain End Black Steel Cap	70.97	39.76
		<i>For Schedule 80 Fittings, Add</i>	13.84	
		<i>For Work In Restricted Working Space, Add</i>	17.87	
23 21 13 23-0625	EA	1-1/2" Standard Weight, Welded Plain End Black Steel Cap	73.81	41.17
		<i>For Schedule 80 Fittings, Add</i>	14.42	
		<i>For Work In Restricted Working Space, Add</i>	18.53	
23 21 13 23-0626	EA	2" Standard Weight, Welded Plain End Black Steel Cap	91.76	52.75
		<i>For Schedule 80 Fittings, Add</i>	17.64	
		<i>For Work In Restricted Working Space, Add</i>	23.73	
23 21 13 23-0627	EA	2-1/2" Standard Weight, Welded Plain End Black Steel Cap	108.61	63.59
		<i>For Schedule 80 Fittings, Add</i>	20.67	
		<i>For Work In Restricted Working Space, Add</i>	28.60	
23 21 13 23-0628	EA	3" Standard Weight, Welded Plain End Black Steel Cap	127.40	73.34
		<i>For Schedule 80 Fittings, Add</i>	24.47	
		<i>For Work In Restricted Working Space, Add</i>	32.99	
23 21 13 23-0629	EA	4" Standard Weight, Welded Plain End Black Steel Cap	213.24	126.75
		<i>For Schedule 80 Fittings, Add</i>	40.21	
		<i>For Work In Restricted Working Space, Add</i>	57.02	
23 21 13 23-0630	EA	6" Standard Weight, Welded Plain End Black Steel Cap	358.02	209.40
		<i>For Schedule 80 Fittings, Add</i>	68.16	
		<i>For Work In Restricted Working Space, Add</i>	94.20	
23 21 13 23-0631	EA	8" Standard Weight, Welded Plain End Black Steel Cap	506.17	293.58
		<i>For Schedule 80 Fittings, Add</i>	96.84	
		<i>For Work In Restricted Working Space, Add</i>	132.03	
23 21 13 23-0632	EA	10" Standard Weight, Welded Plain End Black Steel Cap	671.47	370.61
		<i>For Schedule 80 Fittings, Add</i>	132.00	
		<i>For Work In Restricted Working Space, Add</i>	166.67	
23 21 13 23-0633	EA	12" Standard Weight, Welded Plain End Black Steel Cap	758.61	409.31
		<i>For Schedule 80 Fittings, Add</i>	150.87	
		<i>For Work In Restricted Working Space, Add</i>	184.10	
23 21 13 23-0634	EA	14" Standard Weight, Welded Plain End Black Steel Cap	1,005.44	488.88
		<i>For Schedule 80 Fittings, Add</i>	210.01	
		<i>For Work In Restricted Working Space, Add</i>	219.90	
23 21 13 23-0635	EA	16" Standard Weight, Welded Plain End Black Steel Cap	1,167.69	567.74
		<i>For Schedule 80 Fittings, Add</i>	243.90	
		<i>For Work In Restricted Working Space, Add</i>	255.37	
23 21 13 23-0636	EA	18" Standard Weight, Welded Plain End Black Steel Cap	1,306.40	628.63
		<i>For Schedule 80 Fittings, Add</i>	274.12	
		<i>For Work In Restricted Working Space, Add</i>	282.73	
23 21 13 23-0637		150 LB, Welded Plain End Black Steel Neck Flanges <small>(23 21 13 23-0393)</small>		
		Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.		
23 21 13 23-0638	EA	2", 150 LB, Welded Plain End Black Steel Neck Flange	161.54	81.68
		<i>For 300 LB Rating, Add</i>	40.21	
		<i>For Work In Restricted Working Space, Add</i>	36.74	
23 21 13 23-0639	EA	2-1/2", 150 LB, Welded Plain End Black Steel Neck Flange	191.88	101.95
		<i>For 300 LB Rating, Add</i>	43.39	
		<i>For Work In Restricted Working Space, Add</i>	45.84	
23 21 13 23-0640	EA	3", 150 LB, Welded Plain End Black Steel Neck Flange	213.84	116.57
		<i>For 300 LB Rating, Add</i>	45.72	
		<i>For Work In Restricted Working Space, Add</i>	52.42	
23 21 13 23-0641	EA	4", 150 LB, Welded Plain End Black Steel Neck Flange	280.33	153.72
		<i>For 300 LB Rating, Add</i>	59.08	
		<i>For Work In Restricted Working Space, Add</i>	69.15	
23 21 13 23-0642	EA	6", 150 LB, Welded Plain End Black Steel Neck Flange	426.14	233.13
		<i>For 300 LB Rating, Add</i>	90.37	
		<i>For Work In Restricted Working Space, Add</i>	104.84	
23 21 13 23-0643	EA	8", 150 LB, Welded Plain End Black Steel Neck Flange	476.67	237.90
		<i>For 300 LB Rating, Add</i>	121.50	
		<i>For Work In Restricted Working Space, Add</i>	106.98	
23 21 13 23-0644	EA	10", 150 LB, Welded Plain End Black Steel Neck Flange	622.70	298.28
		<i>For 300 LB Rating, Add</i>	169.78	
		<i>For Work In Restricted Working Space, Add</i>	134.18	
23 21 13 23-0645	EA	12", 150 LB, Welded Plain End Black Steel Neck Flange	763.28	338.48
		<i>For 300 LB Rating, Add</i>	232.36	
		<i>For Work In Restricted Working Space, Add</i>	152.24	
23 21 13 23-0646	EA	14", 150 LB, Welded Plain End Black Steel Neck Flange	1,002.02	409.31
		<i>For 300 LB Rating, Add</i>	336.28	
		<i>For Work In Restricted Working Space, Add</i>	184.10	
23 21 13 23-0647	EA	16", 150 LB, Welded Plain End Black Steel Neck Flange	1,319.94	475.69
		<i>For 300 LB Rating, Add</i>	499.61	
		<i>For Work In Restricted Working Space, Add</i>	213.96	
23 21 13 23-0648	EA	18", 150 LB, Welded Plain End Black Steel Neck Flange	1,641.96	533.34
		<i>For 300 LB Rating, Add</i>	673.59	
		<i>For Work In Restricted Working Space, Add</i>	239.89	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0649	EA	20", 150 LB, Welded Plain End Black Steel Neck Flange..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,081.76 853.36 304.47	676.95
23 21	13 23-0650	EA	24", 150 LB, Welded Plain End Black Steel Neck Flange..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,366.36 1,002.25 329.85	733.38
23 21	13 23-0651		150 LB, Welded Black Steel Slip-On Flanges <small>(23 21 13 23-0393)</small> Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.		
23 21	13 23-0652	EA	2", 150 LB, Welded Black Steel Slip-On Flanges <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	120.87 31.27 29.25	81.68
23 21	13 23-0653	EA	2-1/2", 150 LB, Welded Black Steel Slip-On Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	149.18 39.52 35.75	101.95
23 21	13 23-0654	EA	3", 150 LB, Welded Black Steel Slip-On Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	176.15 46.58 42.25	116.57
23 21	13 23-0655	EA	4", 150 LB, Welded Black Steel Slip-On Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	232.35 62.70 55.25	153.72
23 21	13 23-0656	EA	6", 150 LB, Welded Black Steel Slip-On Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	344.98 95.17 81.25	233.13
23 21	13 23-0657	EA	8", 150 LB, Welded Black Steel Slip-On Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	437.58 135.63 97.43	237.90
23 21	13 23-0658	EA	10", 150 LB, Welded Black Steel Slip-On Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	600.72 217.90 121.79	298.28
23 21	13 23-0659	EA	12", 150 LB, Welded Black Steel Slip-On Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	794.44 327.70 146.15	338.48
23 21	13 23-0660	EA	14", 150 LB, Welded Black Steel Slip-On Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,017.29 463.72 170.51	409.31
23 21	13 23-0661	EA	16", 150 LB, Welded Black Steel Slip-On Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,233.71 610.09 188.78	475.69
23 21	13 23-0662	EA	18", 150 LB, Welded Black Steel Slip-On Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,367.89 682.44 207.04	533.34
23 21	13 23-0663	EA	20", 150 LB, Welded Black Steel Slip-On Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,521.39 772.18 225.31	676.95
23 21	13 23-0664	EA	24", 150 LB, Welded Black Steel Slip-On Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,738.41 870.67 261.85	733.38
23 21	13 23-0665		150 LB, Forged Steel Blind Flanges <small>(23 21 13 23-0393)</small>		
23 21	13 23-0666	EA	2", 150 LB, Forged Steel Blind Flange <i>For 300 LB Rating, Add</i> <i>For 600 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	80.11 23.74 61.63 17.42	29.03
23 21	13 23-0667	EA	2-1/2", 150 LB, Forged Steel Blind Flange <i>For 300 LB Rating, Add</i> <i>For 600 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	105.42 35.92 96.25 20.90	34.83
23 21	13 23-0668	EA	3", 150 LB, Forged Steel Blind Flange <i>For 300 LB Rating, Add</i> <i>For 600 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	129.88 39.35 102.71 27.87	46.45
23 21	13 23-0669	EA	4", 150 LB, Forged Steel Blind Flange <i>For 300 LB Rating, Add</i> <i>For 600 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	167.09 52.97 139.75 34.84	58.06
23 21	13 23-0670	EA	6", 150 LB, Forged Steel Blind Flange <i>For 300 LB Rating, Add</i> <i>For 600 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	228.19 77.64 208.02 45.29	75.48
23 21	13 23-0671	EA	8", 150 LB, Forged Steel Blind Flange <i>For 300 LB Rating, Add</i> <i>For 600 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	296.71 116.31 320.20 52.25	87.09
23 21	13 23-0672	EA	10", 150 LB, Forged Steel Blind Flange <i>For 300 LB Rating, Add</i> <i>For 600 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	448.28 213.36 605.60 62.70	104.50
23 21	13 23-0673	EA	12", 150 LB, Forged Steel Blind Flange <i>For 300 LB Rating, Add</i> <i>For 600 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	582.50 296.52 849.34 73.16	121.92
23 21	13 23-0674	EA	14", 150 LB, Forged Steel Blind Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	975.95 587.08 83.60	139.35
23 21	13 23-0675	EA	16", 150 LB, Forged Steel Blind Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,048.48 620.89 94.06	156.76

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 13 23-0676	EA	18", 150 LB, Forged Steel Blind Flange	1,181.46	191.59
		<i>For 300 LB Rating, Add</i>	678.85	
		<i>For Work In Restricted Working Space, Add</i>	114.96	
23 21 13 23-0677	EA	20", 150 LB, Forged Steel Blind Flange	1,510.99	209.01
		<i>For 300 LB Rating, Add</i>	918.26	
		<i>For Work In Restricted Working Space, Add</i>	125.41	
23 21 13 23-0678	EA	24", 150 LB, Forged Steel Blind Flange	2,052.46	243.85
		<i>For 300 LB Rating, Add</i>	1,303.02	
		<i>For Work In Restricted Working Space, Add</i>	146.31	
23 21 13 23-0679 3,000 LB, Forge Steel Thread-O-Lets (23 21 13 23-0393)				
23 21 13 23-0680	EA	1/2", 3,000 LB, Forge Steel Thread-O-Let	74.77	
		<i>For Work In Restricted Working Space, Add</i>	20.48	
23 21 13 23-0681	EA	3/4", 3,000 LB, Forge Steel Thread-O-Let	79.15	
		<i>For Work In Restricted Working Space, Add</i>	21.45	
23 21 13 23-0682	EA	1", 3,000 LB, Forge Steel Thread-O-Let	84.41	
		<i>For Work In Restricted Working Space, Add</i>	22.75	
23 21 13 23-0683	EA	1-1/4", 3,000 LB, Forge Steel Thread-O-Let	93.42	
		<i>For Work In Restricted Working Space, Add</i>	24.38	
23 21 13 23-0684	EA	1-1/2", 3,000 LB, Forge Steel Thread-O-Let	104.86	
		<i>For Work In Restricted Working Space, Add</i>	27.62	
23 21 13 23-0685	EA	2", 3,000 LB, Forge Steel Thread-O-Let	135.59	
		<i>For Work In Restricted Working Space, Add</i>	36.11	
23 21 13 23-0686	EA	2-1/2", 3,000 LB, Forge Steel Thread-O-Let	209.98	
		<i>For Work In Restricted Working Space, Add</i>	46.43	
23 21 13 23-0687	EA	3", 3,000 LB, Forge Steel Thread-O-Let	289.71	
		<i>For Work In Restricted Working Space, Add</i>	65.00	
23 21 13 23-0688	EA	4", 3,000 LB, Forge Steel Thread-O-Let	384.99	
		<i>For Work In Restricted Working Space, Add</i>	81.25	
23 21 13 23-0689 3,000 LB, Forge Steel Weld-O-Lets (23 21 13 23-0393)				
23 21 13 23-0690	EA	1/2", 3,000 LB, Forge Steel Weld-O-Let	93.95	
		<i>For Work In Restricted Working Space, Add</i>	23.63	
23 21 13 23-0691	EA	3/4", 3,000 LB, Forge Steel Weld-O-Let	100.38	
		<i>For Work In Restricted Working Space, Add</i>	24.77	
23 21 13 23-0692	EA	1", 3,000 LB, Forge Steel Weld-O-Let	106.65	
		<i>For Work In Restricted Working Space, Add</i>	26.00	
23 21 13 23-0693	EA	1-1/4", 3,000 LB, Forge Steel Weld-O-Let	124.67	
		<i>For Work In Restricted Working Space, Add</i>	28.89	
23 21 13 23-0694	EA	1-1/2", 3,000 LB, Forge Steel Weld-O-Let	138.11	
		<i>For Work In Restricted Working Space, Add</i>	32.50	
23 21 13 23-0695	EA	2", 3,000 LB, Forge Steel Weld-O-Let	184.58	
		<i>For Work In Restricted Working Space, Add</i>	43.32	
23 21 13 23-0696	EA	2-1/2", 3,000 LB, Forge Steel Weld-O-Let	302.00	
		<i>For Work In Restricted Working Space, Add</i>	52.00	
23 21 13 23-0697	EA	3", 3,000 LB, Forge Steel Weld-O-Let	397.72	
		<i>For Work In Restricted Working Space, Add</i>	68.25	
23 21 13 23-0698	EA	4", 3,000 LB, Forge Steel Weld-O-Let	554.96	
		<i>For Work In Restricted Working Space, Add</i>	86.68	
23 21 13 23-0699	EA	6", 3,000 LB, Forge Steel Weld-O-Let	786.20	
		<i>For Work In Restricted Working Space, Add</i>	130.00	
23 21 13 23-0700	EA	8", 3,000 LB, Forge Steel Weld-O-Let	1,245.43	
		<i>For Work In Restricted Working Space, Add</i>	173.32	
23 21 13 23-0701	EA	10", 3,000 LB, Forge Steel Weld-O-Let	1,615.99	
		<i>For Work In Restricted Working Space, Add</i>	200.00	
23 21 13 23-0702	EA	12", 3,000 LB, Forge Steel Weld-O-Let	2,591.05	
		<i>For Work In Restricted Working Space, Add</i>	236.37	
23 21 13 23-0703 3,000 LB, Forge Steel Sock-O-Lets (23 21 13 23-0393)				
23 21 13 23-0704	EA	1/2", 3,000 LB, Forge Steel Sock-O-Let	108.62	
		<i>For Work In Restricted Working Space, Add</i>	28.24	
23 21 13 23-0705	EA	3/4", 3,000 LB, Forge Steel Sock-O-Let	115.69	
		<i>For Work In Restricted Working Space, Add</i>	29.61	
23 21 13 23-0706	EA	1", 3,000 LB, Forge Steel Sock-O-Let	123.71	
		<i>For Work In Restricted Working Space, Add</i>	31.40	
23 21 13 23-0707	EA	1-1/4", 3,000 LB, Forge Steel Sock-O-Let	139.16	
		<i>For Work In Restricted Working Space, Add</i>	33.64	
23 21 13 23-0708	EA	1-1/2", 3,000 LB, Forge Steel Sock-O-Let	155.45	
		<i>For Work In Restricted Working Space, Add</i>	38.12	
23 21 13 23-0709	EA	2", 3,000 LB, Forge Steel Sock-O-Let	201.52	
		<i>For Work In Restricted Working Space, Add</i>	49.82	
23 21 13 23-0710	EA	2-1/2", 3,000 LB, Forge Steel Sock-O-Let	336.20	
		<i>For Work In Restricted Working Space, Add</i>	64.06	
23 21 13 23-0711	EA	3", 3,000 LB, Forge Steel Sock-O-Let	461.30	
		<i>For Work In Restricted Working Space, Add</i>	89.70	
23 21 13 23-0712	EA	4", 3,000 LB, Forge Steel Sock-O-Let	627.39	
		<i>For Work In Restricted Working Space, Add</i>	112.12	
23 21 13 23-0713 Class 150 Flange, Steel Bolt And Gasket Sets (23 21 13 23-0393)				
Note: Used between weld neck or slip-on flanges and valves, or equipment with bolt connections, or between two bolted valves. Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets.				

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0714	EA	3/4" To 1-1/2" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	11.51	
			Note: Includes rubber gasket, and four (4) 1/2" diameter bolts with washers and nut.		
			For Zinc Plated, Add	3.22	
			For Hot Dip Galvanized, Add	4.60	
			For Advanced Fluoropolymer (Blue Coating), Add	8.06	
23 21	13 23-0715	EA	2" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	14.54	
			Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.		
			For Zinc Plated, Add	4.07	
			For Hot Dip Galvanized, Add	5.82	
			For Advanced Fluoropolymer (Blue Coating), Add	10.18	
23 21	13 23-0716	EA	2-1/2" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	14.72	
			Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.		
			For Zinc Plated, Add	4.12	
			For Hot Dip Galvanized, Add	5.89	
			For Advanced Fluoropolymer (Blue Coating), Add	10.30	
23 21	13 23-0717	EA	3" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	14.82	
			Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.		
			For Zinc Plated, Add	4.15	
			For Hot Dip Galvanized, Add	5.93	
			For Advanced Fluoropolymer (Blue Coating), Add	10.37	
23 21	13 23-0718	EA	4" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	32.61	
			Note: Includes rubber gasket, and eight (8) 5/8" diameter bolts with washers and nut.		
			For Zinc Plated, Add	9.13	
			For Hot Dip Galvanized, Add	13.04	
			For Advanced Fluoropolymer (Blue Coating), Add	22.83	
23 21	13 23-0719	EA	5" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	46.50	
			Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.		
			For Zinc Plated, Add	13.02	
			For Hot Dip Galvanized, Add	18.60	
			For Advanced Fluoropolymer (Blue Coating), Add	32.55	
23 21	13 23-0720	EA	6" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	50.36	
			Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.		
			For Zinc Plated, Add	14.10	
			For Hot Dip Galvanized, Add	20.14	
			For Advanced Fluoropolymer (Blue Coating), Add	35.25	
23 21	13 23-0721	EA	8" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	55.41	
			Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.		
			For Zinc Plated, Add	15.51	
			For Hot Dip Galvanized, Add	22.16	
			For Advanced Fluoropolymer (Blue Coating), Add	38.79	
23 21	13 23-0722	EA	10" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	121.75	
			Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.		
			For Zinc Plated, Add	34.09	
			For Hot Dip Galvanized, Add	48.70	
			For Advanced Fluoropolymer (Blue Coating), Add	85.23	
23 21	13 23-0723	EA	12" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	124.59	
			Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.		
			For Zinc Plated, Add	34.89	
			For Hot Dip Galvanized, Add	49.84	
			For Advanced Fluoropolymer (Blue Coating), Add	87.21	
23 21	13 23-0724	EA	14" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	139.79	
			Note: Includes rubber gasket, and twelve (12) 1" diameter bolts with washers and nut.		
			For Zinc Plated, Add	39.14	
			For Hot Dip Galvanized, Add	55.92	
			For Advanced Fluoropolymer (Blue Coating), Add	97.85	
23 21	13 23-0725	EA	16" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	231.13	
			Note: Includes rubber gasket, and sixteen (16) 1" diameter bolts with washers and nut.		
			For Zinc Plated, Add	64.72	
			For Hot Dip Galvanized, Add	92.45	
			For Advanced Fluoropolymer (Blue Coating), Add	161.79	
23 21	13 23-0726	EA	18" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	332.27	
			Note: Includes rubber gasket, and sixteen (16) 1-1/8" diameter bolts with washers and nut.		
			For Zinc Plated, Add	93.04	
			For Hot Dip Galvanized, Add	132.91	
			For Advanced Fluoropolymer (Blue Coating), Add	239.59	
23 21	13 23-0727	EA	20" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	419.90	
			Note: Includes rubber gasket, and twenty (20) 1-1/8" diameter bolts with washers and nut.		
			For Zinc Plated, Add	117.57	
			For Hot Dip Galvanized, Add	167.96	
			For Advanced Fluoropolymer (Blue Coating), Add	293.93	
23 21	13 23-0728	EA	24" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	597.52	
			Note: Includes rubber gasket, and twenty (20) 1-1/4" diameter bolts with washers and nut.		
			For Zinc Plated, Add	167.31	
			For Hot Dip Galvanized, Add	239.01	
			For Advanced Fluoropolymer (Blue Coating), Add	418.26	
23 21	13 23-0729	EA	30" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	942.92	
			Note: Includes rubber gasket, and twenty-eight (28) 1-1/4" diameter bolts with washers and nut.		
			For Zinc Plated, Add	264.02	
			For Hot Dip Galvanized, Add	377.17	
			For Advanced Fluoropolymer (Blue Coating), Add	660.04	
23 21	13 23-0730	EA	36" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	1,340.52	
			Note: Includes rubber gasket, and thirty-two (32) 1-1/2" diameter bolts with washers and nut.		
			For Zinc Plated, Add	375.35	
			For Hot Dip Galvanized, Add	536.21	
			For Advanced Fluoropolymer (Blue Coating), Add	938.36	

23 21 13 23-0731
Class 300 Flange, Steel Bolt And Gasket Sets (23 21 13 23-0393)

Note: Used between weld neck or slip-on flanges and valves, or equipment with bolt connections, or between two bolted valves. Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets.

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0732	EA	3/4" To 1-1/2" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.	19.10	
			<i>For Zinc Plated, Add</i>	5.35	
			<i>For Hot Dip Galvanized, Add</i>	7.64	
			<i>For Advanced Fluoropolymer (Blue Coating), Add</i>	13.37	
23 21	13 23-0733	EA	2" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set..... Note: Includes rubber gasket, and eight (8) 5/8" diameter bolts with washers and nut.	34.04	
			<i>For Zinc Plated, Add</i>	9.53	
			<i>For Hot Dip Galvanized, Add</i>	13.62	
			<i>For Advanced Fluoropolymer (Blue Coating), Add</i>	23.83	
23 21	13 23-0734	EA	2-1/2" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set..... Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	52.33	
			<i>For Zinc Plated, Add</i>	14.65	
			<i>For Hot Dip Galvanized, Add</i>	20.93	
			<i>For Advanced Fluoropolymer (Blue Coating), Add</i>	36.63	
23 21	13 23-0735	EA	3" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set..... Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	56.88	
			<i>For Zinc Plated, Add</i>	15.93	
			<i>For Hot Dip Galvanized, Add</i>	22.75	
			<i>For Advanced Fluoropolymer (Blue Coating), Add</i>	39.82	
23 21	13 23-0736	EA	4" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set..... Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	58.12	
			<i>For Zinc Plated, Add</i>	16.27	
			<i>For Hot Dip Galvanized, Add</i>	23.25	
			<i>For Advanced Fluoropolymer (Blue Coating), Add</i>	40.68	
23 21	13 23-0737	EA	5" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set..... Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	63.85	
			<i>For Zinc Plated, Add</i>	17.88	
			<i>For Hot Dip Galvanized, Add</i>	25.54	
			<i>For Advanced Fluoropolymer (Blue Coating), Add</i>	44.70	
23 21	13 23-0738	EA	6" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set..... Note: Includes rubber gasket, and twelve (12) 3/4" diameter bolts with washers and nut.	90.53	
			<i>For Zinc Plated, Add</i>	25.35	
			<i>For Hot Dip Galvanized, Add</i>	36.21	
			<i>For Advanced Fluoropolymer (Blue Coating), Add</i>	63.37	
23 21	13 23-0739	EA	8" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set..... Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.	140.01	
			<i>For Zinc Plated, Add</i>	39.20	
			<i>For Hot Dip Galvanized, Add</i>	56.00	
			<i>For Advanced Fluoropolymer (Blue Coating), Add</i>	98.01	
23 21	13 23-0740	EA	10" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set..... Note: Includes rubber gasket, and sixteen (16) 1" diameter bolts with washers and nut.	253.62	
			<i>For Zinc Plated, Add</i>	71.01	
			<i>For Hot Dip Galvanized, Add</i>	101.45	
			<i>For Advanced Fluoropolymer (Blue Coating), Add</i>	177.53	
23 21	13 23-0741	EA	12" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set..... Note: Includes rubber gasket, and sixteen (16) 1-1/8" diameter bolts with washers and nut.	364.54	
			<i>For Zinc Plated, Add</i>	102.07	
			<i>For Hot Dip Galvanized, Add</i>	145.82	
			<i>For Advanced Fluoropolymer (Blue Coating), Add</i>	255.18	
23 21	13 23-0742	EA	14" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set..... Note: Includes rubber gasket, and twenty (20) 1-1/8" diameter bolts with washers and nut.	497.97	
			<i>For Zinc Plated, Add</i>	139.43	
			<i>For Hot Dip Galvanized, Add</i>	199.19	
			<i>For Advanced Fluoropolymer (Blue Coating), Add</i>	348.58	
23 21	13 23-0743	EA	16" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set..... Note: Includes rubber gasket, and twenty (20) 1-1/4" diameter bolts with washers and nut.	685.72	
			<i>For Zinc Plated, Add</i>	192.00	
			<i>For Hot Dip Galvanized, Add</i>	274.29	
			<i>For Advanced Fluoropolymer (Blue Coating), Add</i>	480.00	
23 21	13 23-0744	EA	18" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set..... Note: Includes rubber gasket, and twenty-four (24) 1-1/4" diameter bolts with washers and nut.	881.67	
			<i>For Zinc Plated, Add</i>	246.87	
			<i>For Hot Dip Galvanized, Add</i>	352.67	
			<i>For Advanced Fluoropolymer (Blue Coating), Add</i>	617.17	
23 21	13 23-0745	EA	20" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set..... Note: Includes rubber gasket, and twenty-four (24) 1-1/4" diameter bolts with washers and nut.	936.66	
			<i>For Zinc Plated, Add</i>	262.26	
			<i>For Hot Dip Galvanized, Add</i>	374.66	
			<i>For Advanced Fluoropolymer (Blue Coating), Add</i>	655.66	
23 21	13 23-0746	EA	24" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set..... Note: Includes rubber gasket, and twenty-four (24) 1-1/2" diameter bolts with washers and nut.	1,189.49	
			<i>For Zinc Plated, Add</i>	333.06	
			<i>For Hot Dip Galvanized, Add</i>	475.80	
			<i>For Advanced Fluoropolymer (Blue Coating), Add</i>	832.64	
23 21	13 23-0747	EA	30" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set..... Note: Includes rubber gasket, and twenty-eight (28) 1-3/4" diameter bolts with washers and nut.	1,872.58	
			<i>For Zinc Plated, Add</i>	524.32	
			<i>For Hot Dip Galvanized, Add</i>	749.03	
			<i>For Advanced Fluoropolymer (Blue Coating), Add</i>	1,310.81	
23 21	13 23-0748	EA	36" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set..... Note: Includes rubber gasket, and thirty-two (32) 2" diameter bolts with washers and nut.	2,824.07	
			<i>For Zinc Plated, Add</i>	790.74	
			<i>For Hot Dip Galvanized, Add</i>	1,129.63	
			<i>For Advanced Fluoropolymer (Blue Coating), Add</i>	1,976.85	

23 21 13 23-0749 Class 150 Flange, Stainless Steel Bolt And Gasket Sets (23 21 13 23-0393)

Note: Used between weld neck or slip-on flanges and valves, or equipment with bolt connections, or between two bolted valves. Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0750	EA	3/4" To 1-1/2" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set..... Note: Includes rubber gasket, and four (4) 1/2" diameter bolts with washers and nut.	11.51	
23 21	13 23-0751	EA	2" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set..... Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.	56.97	
23 21	13 23-0752	EA	2-1/2" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set..... Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.	57.07	
23 21	13 23-0753	EA	3" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set..... Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.	57.17	
23 21	13 23-0754	EA	4" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set..... Note: Includes rubber gasket, and eight (8) 5/8" diameter bolts with washers and nut.	120.87	
23 21	13 23-0755	EA	5" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set..... Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	153.40	
23 21	13 23-0756	EA	6" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set..... Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	173.07	
23 21	13 23-0757	EA	8" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set..... Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	174.03	
23 21	13 23-0758	EA	10" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set..... Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.	448.99	
23 21	13 23-0759	EA	12" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set..... Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.	450.80	
23 21	13 23-0760	EA	14" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set..... Note: Includes rubber gasket, and twelve (12) 1" diameter bolts with washers and nut.	682.34	
23 21	13 23-0761	EA	16" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set..... Note: Includes rubber gasket, and sixteen (16) 1" diameter bolts with washers and nut.	909.01	
23 21	13 23-0762	EA	18" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set..... Note: Includes rubber gasket, and sixteen (16) 1-1/8" diameter bolts with washers and nut.	2,362.27	
23 21	13 23-0763	EA	20" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set..... Note: Includes rubber gasket, and twenty (20) 1-1/8" diameter bolts with washers and nut.	2,736.88	
23 21	13 23-0764	EA	24" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set..... Note: Includes rubber gasket, and twenty (20) 1-1/4" diameter bolts with washers and nut.	3,159.92	
23 21 13 23-0765 150 LB, Rubber Flange Gasket Replacement (23 21 13 23-0393)					
Note: Includes unbolting, removal of old gaskets, new 150 LB rubber gasket and rebolting.					
23 21	13 23-0766	EA	1/2", 150 LB, Rubber Flange Gasket Replacement.....	32.69	
			For 300 LB Rating Gasket Set, Add	0.21	
			For 150 LB Rating Teflon Gasket Set, Add	4.72	
			For 300 LB Rating Teflon Gasket Set, Add	5.43	
			For Work In Restricted Working Space, Add	9.62	
23 21	13 23-0767	EA	3/4", 150 LB, Rubber Flange Gasket Replacement.....	35.03	
			For 300 LB Rating Gasket Set, Add	0.28	
			For 150 LB Rating Teflon Gasket Set, Add	6.26	
			For 300 LB Rating Teflon Gasket Set, Add	7.21	
			For Work In Restricted Working Space, Add	10.27	
23 21	13 23-0768	EA	1", 150 LB, Rubber Flange Gasket Replacement.....	38.85	
			For 300 LB Rating Gasket Set, Add	0.50	
			For 150 LB Rating Teflon Gasket Set, Add	10.98	
			For 300 LB Rating Teflon Gasket Set, Add	12.64	
			For Work In Restricted Working Space, Add	11.23	
23 21	13 23-0769	EA	1-1/4", 150 LB, Rubber Flange Gasket Replacement.....	42.26	
			For 300 LB Rating Gasket Set, Add	0.57	
			For 150 LB Rating Teflon Gasket Set, Add	12.52	
			For 300 LB Rating Teflon Gasket Set, Add	14.42	
			For Work In Restricted Working Space, Add	12.19	
23 21	13 23-0770	EA	1-1/2", 150 LB, Rubber Flange Gasket Replacement.....	46.94	
			For 300 LB Rating Gasket Set, Add	0.71	
			For 150 LB Rating Teflon Gasket Set, Add	15.69	
			For 300 LB Rating Teflon Gasket Set, Add	18.07	
			For Work In Restricted Working Space, Add	13.47	
23 21	13 23-0771	EA	2", 150 LB, Rubber Flange Gasket Replacement.....	52.04	
			For 300 LB Rating Gasket Set, Add	0.99	
			For 150 LB Rating Teflon Gasket Set, Add	21.95	
			For 300 LB Rating Teflon Gasket Set, Add	25.28	
			For Work In Restricted Working Space, Add	14.76	
23 21	13 23-0772	EA	2-1/2", 150 LB, Rubber Flange Gasket Replacement.....	61.60	
			For 300 LB Rating Gasket Set, Add	1.35	
			For 150 LB Rating Teflon Gasket Set, Add	29.76	
			For 300 LB Rating Teflon Gasket Set, Add	34.27	
			For Work In Restricted Working Space, Add	17.33	
23 21	13 23-0773	EA	3", 150 LB, Rubber Flange Gasket Replacement.....	65.42	
			For 300 LB Rating Gasket Set, Add	1.56	
			For 150 LB Rating Teflon Gasket Set, Add	34.48	
			For 300 LB Rating Teflon Gasket Set, Add	39.69	
			For Work In Restricted Working Space, Add	18.29	
23 21	13 23-0774	EA	4", 150 LB, Rubber Flange Gasket Replacement.....	87.51	
			For 300 LB Rating Gasket Set, Add	2.56	
			For 150 LB Rating Teflon Gasket Set, Add	56.43	
			For 300 LB Rating Teflon Gasket Set, Add	64.97	
			For Work In Restricted Working Space, Add	24.06	
23 21	13 23-0775	EA	5", 150 LB, Rubber Flange Gasket Replacement.....	101.15	
			For 300 LB Rating Gasket Set, Add	2.84	
			For 150 LB Rating Teflon Gasket Set, Add	62.69	
			For 300 LB Rating Teflon Gasket Set, Add	72.18	
			For Work In Restricted Working Space, Add	27.91	
23 21	13 23-0776	EA	6", 150 LB, Rubber Flange Gasket Replacement.....	116.42	
			For 300 LB Rating Gasket Set, Add	3.69	
			For 150 LB Rating Teflon Gasket Set, Add	81.47	
			For 300 LB Rating Teflon Gasket Set, Add	93.81	
			For Work In Restricted Working Space, Add	31.76	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 20 HVAC Piping and Pumps

23 21 Hydronic Piping and Pumps



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 21 13 23-0777	EA 8", 150 LB, Rubber Flange Gasket Replacement	143.74	
	<i>For 300 LB Rating Gasket Set, Add</i>	5.39	
	<i>For 150 LB Rating Teflon Gasket Set, Add</i>	119.04	
	<i>For 300 LB Rating Teflon Gasket Set, Add</i>	137.06	
	<i>For Work In Restricted Working Space, Add</i>	38.50	
23 21 13 23-0778	EA 10", 150 LB, Rubber Flange Gasket Replacement	158.77	
	<i>For 300 LB Rating Gasket Set, Add</i>	7.66	
	<i>For 150 LB Rating Teflon Gasket Set, Add</i>	169.13	
	<i>For 300 LB Rating Teflon Gasket Set, Add</i>	194.73	
	<i>For Work In Restricted Working Space, Add</i>	41.07	
23 21 13 23-0779	EA 12", 150 LB, Rubber Flange Gasket Replacement	183.04	
	<i>For 300 LB Rating Gasket Set, Add</i>	9.79	
	<i>For 150 LB Rating Teflon Gasket Set, Add</i>	216.13	
	<i>For 300 LB Rating Teflon Gasket Set, Add</i>	248.84	
	<i>For Work In Restricted Working Space, Add</i>	46.52	
23 21 13 23-0780	EA 14", 150 LB, Rubber Flange Gasket Replacement	193.85	
	<i>For 300 LB Rating Gasket Set, Add</i>	11.70	
	<i>For 150 LB Rating Teflon Gasket Set, Add</i>	258.41	
	<i>For 300 LB Rating Teflon Gasket Set, Add</i>	297.53	
	<i>For Work In Restricted Working Space, Add</i>	48.13	
23 21 13 23-0781	EA 16", 150 LB, Rubber Flange Gasket Replacement	251.17	
	<i>For 300 LB Rating Gasket Set, Add</i>	13.05	
	<i>For 150 LB Rating Teflon Gasket Set, Add</i>	288.17	
	<i>For 300 LB Rating Teflon Gasket Set, Add</i>	331.79	
	<i>For Work In Restricted Working Space, Add</i>	64.17	
23 21 13 23-0782	EA 18", 150 LB, Rubber Flange Gasket Replacement	273.11	
	<i>For 300 LB Rating Gasket Set, Add</i>	13.62	
	<i>For 150 LB Rating Teflon Gasket Set, Add</i>	300.77	
	<i>For 300 LB Rating Teflon Gasket Set, Add</i>	346.30	
	<i>For Work In Restricted Working Space, Add</i>	70.26	
23 21 13 23-0783	EA 20", 150 LB, Rubber Flange Gasket Replacement	327.26	
	<i>For 300 LB Rating Gasket Set, Add</i>	14.61	
	<i>For 150 LB Rating Teflon Gasket Set, Add</i>	322.65	
	<i>For 300 LB Rating Teflon Gasket Set, Add</i>	371.49	
	<i>For Work In Restricted Working Space, Add</i>	85.66	

23 21 13 23-0784 Cut And Prepare For Welding Existing In-Place Black Steel Pipe (23 21 13 23-0393)

Note: For use when connecting pipe to an existing in-place system.

23 21 13 23-0785	EA 1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	23.22	
	<i>For Work In Restricted Working Space, Add</i>	6.97	
23 21 13 23-0786	EA 3/4", Cut And Prepare For Welding Existing In Place Black Steel Pipe	25.07	
	<i>For Work In Restricted Working Space, Add</i>	7.52	
23 21 13 23-0787	EA 1", Cut And Prepare For Welding Existing In Place Black Steel Pipe	28.20	
	<i>For Work In Restricted Working Space, Add</i>	8.46	
23 21 13 23-0788	EA 1-1/4", Cut And Prepare For Welding Existing In Place Black Steel Pipe	29.60	
	<i>For Work In Restricted Working Space, Add</i>	8.88	
23 21 13 23-0789	EA 1-1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	31.33	
	<i>For Work In Restricted Working Space, Add</i>	9.40	
23 21 13 23-0790	EA 2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	33.66	
	<i>For Work In Restricted Working Space, Add</i>	10.10	
23 21 13 23-0791	EA 2-1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	35.99	
	<i>For Work In Restricted Working Space, Add</i>	10.80	
23 21 13 23-0792	EA 3", Cut And Prepare For Welding Existing In Place Black Steel Pipe	39.46	
	<i>For Work In Restricted Working Space, Add</i>	11.84	
23 21 13 23-0793	EA 4", Cut And Prepare For Welding Existing In Place Black Steel Pipe	42.94	
	<i>For Work In Restricted Working Space, Add</i>	12.88	
23 21 13 23-0794	EA 6", Cut And Prepare For Welding Existing In Place Black Steel Pipe	46.43	
	<i>For Work In Restricted Working Space, Add</i>	13.93	
23 21 13 23-0795	EA 8", Cut And Prepare For Welding Existing In Place Black Steel Pipe	49.91	
	<i>For Work In Restricted Working Space, Add</i>	14.97	
23 21 13 23-0796	EA 10", Cut And Prepare For Welding Existing In Place Black Steel Pipe	54.55	
	<i>For Work In Restricted Working Space, Add</i>	16.37	
23 21 13 23-0797	EA 12", Cut And Prepare For Welding Existing In Place Black Steel Pipe	59.19	
	<i>For Work In Restricted Working Space, Add</i>	17.76	
23 21 13 23-0798	EA 14", Cut And Prepare For Welding Existing In Place Black Steel Pipe	63.84	
	<i>For Work In Restricted Working Space, Add</i>	19.15	
23 21 13 23-0799	EA 16", Cut And Prepare For Welding Existing In Place Black Steel Pipe	68.48	
	<i>For Work In Restricted Working Space, Add</i>	20.54	
23 21 13 23-0800	EA 18", Cut And Prepare For Welding Existing In Place Black Steel Pipe	71.96	
	<i>For Work In Restricted Working Space, Add</i>	21.59	
23 21 13 23-0801	EA 20", Cut And Prepare For Welding Existing In Place Black Steel Pipe	75.44	
	<i>For Work In Restricted Working Space, Add</i>	22.63	
23 21 13 23-0802	EA 24", Cut And Prepare For Welding Existing In Place Black Steel Pipe	80.09	
	<i>For Work In Restricted Working Space, Add</i>	24.03	

23 21 13 23-0803 Welded Plain End Electric Resistance Black Steel Pipe (23 21 13 23-0393)

Note: ASTM A-135.

23 21 13 23-0804	LF 2" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	30.18	11.91
	<i>For Work In Restricted Working Space, Add</i>	5.85	
23 21 13 23-0805	LF 2-1/2" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	35.90	13.00
	<i>For Work In Restricted Working Space, Add</i>	5.85	
23 21 13 23-0806	LF 3" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	39.32	12.78
	<i>For Work In Restricted Working Space, Add</i>	5.73	
23 21 13 23-0807	LF 4" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	48.77	16.25
	<i>For Work In Restricted Working Space, Add</i>	7.31	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0808	LF	6" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings..... <i>For Work In Restricted Working Space, Add</i>	83.33 10.81	24.05
23 21	13 23-0809	LF	8.322" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings..... <i>For Work In Restricted Working Space, Add</i>	108.36 12.48	27.70
23 21	13 23-0810	LF	10.365" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings..... <i>For Work In Restricted Working Space, Add</i>	150.93 15.53	34.51
23 21	13 23-0811	LF	12.375" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings..... <i>For Work In Restricted Working Space, Add</i>	183.66 18.71	41.61
23 21	13 23-0812	LF	14.375" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings..... <i>For Work In Restricted Working Space, Add</i>	233.16 24.29	53.99
23 21	13 23-0813		Flanged Steel Fittings ^(23 21 13 23) See CSI section 23 21 13 23-0394 for steel pipe, 23 21 13 23-0637 for welded neck flange ends.		
23 21	13 23-0814		Flanged Steel Fittings, Standard Weight ^(23 21 13 23-0813) Note: Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets. See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.		
23 21	13 23-0815		Flanged Steel, 90 Degree Elbows ^(23 21 13 23-0814)		
23 21	13 23-0816	EA	2" Standard Weight, Flanged Steel, 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	614.63 431.85 647.77	49.91
23 21	13 23-0817	EA	2-1/2" Standard Weight, Flanged Steel, 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	685.57 481.76 722.64	55.58
23 21	13 23-0818	EA	3" Standard Weight, Flanged Steel, 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	677.84 468.74 703.10	61.35
23 21	13 23-0819	EA	4" Standard Weight, Flanged Steel, 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	863.70 605.45 908.17	71.29
23 21	13 23-0820	EA	5" Standard Weight, Flanged Steel, 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,218.31 878.88 1,318.32	79.84
23 21	13 23-0821	EA	6" Standard Weight, Flanged Steel, 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,283.66 915.77 1,373.65	92.67
23 21	13 23-0822	EA	8" Standard Weight, Flanged Steel, 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,636.86 1,186.36 1,779.54	102.61
23 21	13 23-0823		Flanged Steel, Reducing 90 Degree Elbows ^(23 21 13 23-0814)		
23 21	13 23-0824	EA	2-1/2" x 2" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,169.56 872.37 1,308.55	52.81
23 21	13 23-0825	EA	3" x 2-1/2" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,216.09 902.75 1,354.13	58.47
23 21	13 23-0826	EA	4" x 3" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,518.10 1,134.95 1,702.43	66.27
23 21	13 23-0827	EA	5" x 3" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,885.27 1,423.57 2,135.35	70.55
23 21	13 23-0828	EA	6" x 4" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	2,146.51 1,618.87 2,428.31	81.98
23 21	13 23-0829	EA	8" x 6" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	3,002.80 2,285.09 3,427.63	97.69
23 21	13 23-0830		Flanged Steel, 45 Degree Elbows ^(23 21 13 23-0814)		
23 21	13 23-0831	EA	2" Standard Weight, Flanged Steel, 45 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	809.93 588.09 882.13	49.91
23 21	13 23-0832	EA	2-1/2" Standard Weight, Flanged Steel, 45 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	842.90 607.62 911.44	55.58
23 21	13 23-0833	EA	3" Standard Weight, Flanged Steel, 45 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	873.15 624.98 937.48	61.35
23 21	13 23-0834	EA	4" Standard Weight, Flanged Steel, 45 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,091.56 787.74 1,181.60	71.29
23 21	13 23-0835	EA	5" Standard Weight, Flanged Steel, 45 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,587.22 1,174.01 1,761.01	79.84
23 21	13 23-0836	EA	6" Standard Weight, Flanged Steel, 45 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,538.65 1,119.76 1,679.64	92.67
23 21	13 23-0837	EA	8" Standard Weight, Flanged Steel, 45 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,818.45 1,331.63 1,997.45	102.61

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13	23-0838		Flanged Steel, Tees (23 21 13 23-0814)		
23 21 13	23-0839	EA	2" Standard Weight, Flanged Steel, Tee.....	782.24	74.82
			For Galvanized Fittings, Add	536.01	
			For Extra Heavy Weight Fittings, Add	804.01	
23 21 13	23-0840	EA	2-1/2" Standard Weight, Flanged Steel, Tee.....	1,017.49	83.37
			For Galvanized Fittings, Add	713.95	
			For Extra Heavy Weight Fittings, Add	1,070.93	
23 21 13	23-0841	EA	3" Standard Weight, Flanged Steel, Tee.....	919.13	91.92
			For Galvanized Fittings, Add	624.99	
			For Extra Heavy Weight Fittings, Add	937.49	
23 21 13	23-0842	EA	4" Standard Weight, Flanged Steel, Tee.....	1,326.72	106.99
			For Galvanized Fittings, Add	933.11	
			For Extra Heavy Weight Fittings, Add	1,399.67	
23 21 13	23-0843	EA	5" Standard Weight, Flanged Steel, Tee.....	1,992.59	119.81
			For Galvanized Fittings, Add	1,450.42	
			For Extra Heavy Weight Fittings, Add	2,175.62	
23 21 13	23-0844	EA	6" Standard Weight, Flanged Steel, Tee.....	2,435.81	139.06
			For Galvanized Fittings, Add	1,781.91	
			For Extra Heavy Weight Fittings, Add	2,672.87	
23 21 13	23-0845	EA	8" Standard Weight, Flanged Steel, Tee.....	2,692.97	161.08
			For Galvanized Fittings, Add	1,961.13	
			For Extra Heavy Weight Fittings, Add	2,941.69	
23 21 13	23-0846		Flanged Steel, Reducing Tees (23 21 13 23-0814)		
23 21 13	23-0847	EA	2-1/2" Standard Weight, Flanged Steel, Reducing Tee.....	1,257.36	80.59
			For Galvanized Fittings, Add	909.26	
			For Extra Heavy Weight Fittings, Add	1,363.90	
23 21 13	23-0848	EA	3" Standard Weight, Flanged Steel, Reducing Tee.....	1,454.64	89.14
			For Galvanized Fittings, Add	1,056.82	
			For Extra Heavy Weight Fittings, Add	1,585.24	
23 21 13	23-0849	EA	4" Standard Weight, Flanged Steel, Reducing Tee.....	2,531.63	101.96
			For Galvanized Fittings, Add	1,903.02	
			For Extra Heavy Weight Fittings, Add	2,854.54	
23 21 13	23-0850	EA	5" Standard Weight, Flanged Steel, Reducing Tee.....	2,733.51	115.54
			For Galvanized Fittings, Add	2,048.29	
			For Extra Heavy Weight Fittings, Add	3,072.43	
23 21 13	23-0851	EA	6" Standard Weight, Flanged Steel, Reducing Tee.....	3,443.14	132.65
			For Galvanized Fittings, Add	2,595.47	
			For Extra Heavy Weight Fittings, Add	3,893.21	
23 21 13	23-0852	EA	8" Standard Weight, Flanged Steel, Reducing Tee.....	4,308.55	149.00
			For Galvanized Fittings, Add	3,268.13	
			For Extra Heavy Weight Fittings, Add	4,902.19	
23 21 13	23-0853		Flanged Steel, Concentric Reducers (23 21 13 23-0814)		
23 21 13	23-0854	EA	3" x 2-1/2" Standard Weight, Flanged Steel, Concentric Reducer.....	1,199.82	58.47
			For Galvanized Fittings, Add	889.74	
			For Extra Heavy Weight Fittings, Add	1,334.60	
23 21 13	23-0855	EA	4" x 3" Standard Weight, Flanged Steel, Concentric Reducer.....	1,363.48	66.27
			For Galvanized Fittings, Add	1,011.26	
			For Extra Heavy Weight Fittings, Add	1,516.88	
23 21 13	23-0856	EA	5" x 4" Standard Weight, Flanged Steel, Concentric Reducer.....	2,036.53	75.57
			For Galvanized Fittings, Add	1,538.58	
			For Extra Heavy Weight Fittings, Add	2,307.88	
23 21 13	23-0857	EA	6" x 4" Standard Weight, Flanged Steel, Concentric Reducer.....	2,246.88	81.98
			For Galvanized Fittings, Add	1,699.17	
			For Extra Heavy Weight Fittings, Add	2,548.75	
23 21 13	23-0858	EA	8" x 6" Standard Weight, Flanged Steel, Concentric Reducer.....	2,631.18	97.69
			For Galvanized Fittings, Add	1,987.79	
			For Extra Heavy Weight Fittings, Add	2,981.69	
23 21 13	23-0859		Flanged Steel, Eccentric Reducers (23 21 13 23-0814)		
23 21 13	23-0860	EA	4" x 3" Standard Weight, Flanged Steel, Eccentric Reducer.....	1,295.12	66.27
			For Galvanized Fittings, Add	956.57	
			For Extra Heavy Weight Fittings, Add	1,434.85	
23 21 13	23-0861	EA	5" x 4" Standard Weight, Flanged Steel, Eccentric Reducer.....	1,769.07	75.57
			For Galvanized Fittings, Add	1,324.62	
			For Extra Heavy Weight Fittings, Add	1,986.92	
23 21 13	23-0862		Plain End Couplings And Fittings (23 21 13 23)		
			Note: For use on standard weight steel pipe (Schedule 40), but may be used on lightwall steel or other metallic pipe such as aluminum or stainless steel.		
23 21 13	23-0863		Plain End Piping System Couplings (23 21 13 23-0862)		
23 21 13	23-0864		Plainlock Plain End Piping System Couplings (23 21 13 23-0863)		
			Note: Ductile iron body with gasket, bolts and nuts.		
23 21 13	23-0865	EA	1" Plainlock Plain End Piping System Coupling.....	173.59	6.42
			For Galvanized Fittings, Add	32.79	
23 21 13	23-0866	EA	1-1/2" Plainlock Plain End Piping System Coupling.....	177.32	8.87
			For Galvanized Fittings, Add	32.79	
23 21 13	23-0867	EA	2" Plainlock Plain End Piping System Coupling.....	181.66	11.76
			For Galvanized Fittings, Add	32.79	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0868	EA	2-1/2" Plainlock Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	185.35 32.79	14.21
23 21	13 23-0869	EA	3" Plainlock Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	219.16 38.70	17.10
23 21	13 23-0870	EA	4" Plainlock Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	302.30 53.62	22.77
23 21	13 23-0871	EA	6" Plainlock Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	508.30 90.54	37.09
23 21	13 23-0872		Roust-A-Bout Plain End Piping System Couplings (23 21 13 23-0863) Note: Ductile iron body with gasket, bolts and nuts.		
23 21	13 23-0873	EA	1-1/2" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	209.16 48.95	8.87
23 21	13 23-0874	EA	2" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	213.50 48.95	11.76
23 21	13 23-0875	EA	2-1/2" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	217.20 48.95	14.32
23 21	13 23-0876	EA	3" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	315.69 72.51	17.10
23 21	13 23-0877	EA	3-1/2" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	365.62 83.92	19.99
23 21	13 23-0878	EA	4" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	369.85 83.92	22.77
23 21	13 23-0879	EA	5" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	522.33 119.89	28.54
23 21	13 23-0880	EA	6" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	641.29 146.42	37.09
23 21	13 23-0881	EA	8" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	1,104.87 259.64	44.25
23 21	13 23-0882	EA	10" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	1,429.71 337.78	52.37
23 21	13 23-0883	EA	12" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	1,788.39 423.85	61.99
23 21	13 23-0884	EA	14" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	2,510.22 601.86	68.51
23 21	13 23-0885	EA	16" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	3,413.00 824.21	77.50
23 21	13 23-0886		Plain End Piping System Fittings (23 21 13 23-0862) Note: Cast ductile iron bodies.		
23 21	13 23-0887		Plain End Piping System, 90 Degree Elbows (23 21 13 23-0866)		
23 21	13 23-0888	EA	1" Plain End Piping System, 90 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	172.25 30.96	11.66
23 21	13 23-0889	EA	1-1/2" Plain End Piping System, 90 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	181.23 30.96	17.64
23 21	13 23-0890	EA	2" Plain End Piping System, 90 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	189.72 30.96	23.30
23 21	13 23-0891	EA	2-1/2" Plain End Piping System, 90 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	197.33 30.96	28.43
23 21	13 23-0892	EA	3" Plain End Piping System, 90 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	237.50 37.18	34.42
23 21	13 23-0893	EA	4" Plain End Piping System, 90 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	339.11 54.22	45.32
23 21	13 23-0894	EA	5" Plain End Piping System, 90 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	1,023.52 187.68	56.75
23 21	13 23-0895	EA	6" Plain End Piping System, 90 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	857.55 149.24	74.28
23 21	13 23-0896	EA	8" Plain End Piping System, 90 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	1,708.33 315.21	88.18
23 21	13 23-0897	EA	10" Plain End Piping System, 90 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	2,135.31 396.17	103.04
23 21	13 23-0898	EA	12" Plain End Piping System, 90 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	2,707.64 504.41	123.77
23 21	13 23-0899		Plain End Piping System, 45 Degree Elbows (23 21 13 23-0866)		
23 21	13 23-0900	EA	1" Plain End Piping System, 45 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	172.25 30.96	11.66
23 21	13 23-0901	EA	1-1/2" Plain End Piping System, 45 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	181.23 30.96	17.64
23 21	13 23-0902	EA	2" Plain End Piping System, 45 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	189.72 30.96	23.30
23 21	13 23-0903	EA	2-1/2" Plain End Piping System, 45 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	197.33 30.96	28.43
23 21	13 23-0904	EA	3" Plain End Piping System, 45 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	237.50 37.18	34.42
23 21	13 23-0905	EA	4" Plain End Piping System, 45 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	339.11 54.22	45.32
23 21	13 23-0906	EA	5" Plain End Piping System, 45 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	1,023.52 187.68	56.75
23 21	13 23-0907	EA	6" Plain End Piping System, 45 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	860.42 149.82	74.28
23 21	13 23-0908	EA	8" Plain End Piping System, 45 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	998.27 173.20	88.18

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 20 HVAC Piping and Pumps

23 21 Hydronic Piping and Pumps



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0909	EA	10" Plain End Piping System, 45 Degree Elbow <i>For Galvanized Fittings, Add</i>	1,362.99 241.71	103.04
23 21	13 23-0910	EA	12" Plain End Piping System, 45 Degree Elbow <i>For Galvanized Fittings, Add</i>	1,746.84 312.25	123.77
23 21 13 23-0911 Plain End Piping System, Tees (23 21 13 23-0886)					
23 21	13 23-0912	EA	1" Plain End Piping System, Tee <i>For Galvanized Fittings, Add</i>	234.88 41.69	17.64
23 21	13 23-0913	EA	1-1/2" Plain End Piping System, Tee <i>For Galvanized Fittings, Add</i>	248.14 41.69	26.50
23 21	13 23-0914	EA	2" Plain End Piping System, Tee <i>For Galvanized Fittings, Add</i>	259.82 41.69	34.31
23 21	13 23-0915	EA	2-1/2" Plain End Piping System, Tee <i>For Galvanized Fittings, Add</i>	271.45 41.69	42.01
23 21	13 23-0916	EA	3" Plain End Piping System, Tee <i>For Galvanized Fittings, Add</i>	377.41 59.99	51.63
23 21	13 23-0917	EA	4" Plain End Piping System, Tee <i>For Galvanized Fittings, Add</i>	517.22 83.43	66.81
23 21	13 23-0918	EA	5" Plain End Piping System, Tee <i>For Galvanized Fittings, Add</i>	1,047.32 183.27	87.33
23 21	13 23-0919	EA	6" Plain End Piping System, Tee <i>For Galvanized Fittings, Add</i>	1,294.87 226.19	109.35
23 21	13 23-0920	EA	8" Plain End Piping System, Tee <i>For Galvanized Fittings, Add</i>	1,766.42 313.40	132.97
23 21	13 23-0921	EA	10" Plain End Piping System, Tee <i>For Galvanized Fittings, Add</i>	2,625.33 478.59	154.98
23 21	13 23-0922	EA	12" Plain End Piping System, Tee <i>For Galvanized Fittings, Add</i>	3,515.50 647.43	185.67
23 21 13 23-0923 Plain End Piping System, Reducing Tees (23 21 13 23-0886)					
23 21	13 23-0924	EA	1-1/2" Plain End Piping System, Reducing Tee <i>For Galvanized Fittings, Add</i>	454.58 82.40	28.43
23 21	13 23-0925	EA	2" Plain End Piping System, Reducing Tee <i>For Galvanized Fittings, Add</i>	463.37 82.40	34.31
23 21	13 23-0926	EA	2-1/2" Plain End Piping System, Reducing Tee <i>For Galvanized Fittings, Add</i>	475.00 82.40	42.01
23 21	13 23-0927	EA	3" Plain End Piping System, Reducing Tee <i>For Galvanized Fittings, Add</i>	489.44 82.40	51.63
23 21	13 23-0928	EA	4" Plain End Piping System, Reducing Tee <i>For Galvanized Fittings, Add</i>	708.29 121.64	66.81
23 21	13 23-0929	EA	6" Plain End Piping System, Reducing Tee <i>For Galvanized Fittings, Add</i>	1,196.75 206.56	109.35
23 21	13 23-0930	EA	8" Plain End Piping System, Reducing Tee <i>For Galvanized Fittings, Add</i>	1,559.58 272.03	132.97
23 21	13 23-0931	EA	10" Plain End Piping System, Reducing Tee <i>For Galvanized Fittings, Add</i>	2,329.25 419.38	154.98
23 21	13 23-0932	EA	12" Plain End Piping System, Reducing Tee <i>For Galvanized Fittings, Add</i>	3,430.78 630.49	185.67
23 21 13 23-0933 Plain End Piping System, Wyes (23 21 13 23-0886)					
23 21	13 23-0934	EA	2" Plain End Piping System, Wye <i>For Galvanized Fittings, Add</i>	661.90 122.10	34.31
23 21	13 23-0935	EA	2-1/2" Plain End Piping System, Wye <i>For Galvanized Fittings, Add</i>	673.53 122.10	42.01
23 21	13 23-0936	EA	3" Plain End Piping System, Wye <i>For Galvanized Fittings, Add</i>	763.71 137.25	51.63
23 21	13 23-0937	EA	4" Plain End Piping System, Wye <i>For Galvanized Fittings, Add</i>	1,118.69 203.72	66.81
23 21	13 23-0938	EA	5" Plain End Piping System, Wye <i>For Galvanized Fittings, Add</i>	1,370.51 247.90	87.33
23 21	13 23-0939	EA	6" Plain End Piping System, Wye <i>For Galvanized Fittings, Add</i>	1,870.80 341.37	109.35
23 21	13 23-0940	EA	8" Plain End Piping System, Wye <i>For Galvanized Fittings, Add</i>	2,409.92 442.10	132.97
23 21	13 23-0941	EA	10" Plain End Piping System, Wye <i>For Galvanized Fittings, Add</i>	3,492.03 651.93	154.98
23 21	13 23-0942	EA	12" Plain End Piping System, Wye <i>For Galvanized Fittings, Add</i>	5,303.41 1,005.01	185.67
23 21 13 23-0943 Plain End Piping System, Laterals (23 21 13 23-0886)					
23 21	13 23-0944	EA	2" Plain End Piping System, Lateral <i>For Galvanized Fittings, Add</i>	705.07 130.74	34.31
23 21	13 23-0945	EA	2-1/2" Plain End Piping System, Lateral <i>For Galvanized Fittings, Add</i>	716.70 130.74	42.01
23 21	13 23-0946	EA	3" Plain End Piping System, Lateral <i>For Galvanized Fittings, Add</i>	806.60 145.83	51.63
23 21	13 23-0947	EA	4" Plain End Piping System, Lateral <i>For Galvanized Fittings, Add</i>	1,200.60 220.10	66.81
23 21	13 23-0948	EA	5" Plain End Piping System, Lateral <i>For Galvanized Fittings, Add</i>	1,565.59 286.92	87.33
23 21	13 23-0949	EA	6" Plain End Piping System, Lateral <i>For Galvanized Fittings, Add</i>	1,996.32 366.48	109.35

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0950	EA	8" Plain End Piping System, Lateral <i>For Galvanized Fittings, Add</i>	2,870.96 534.31	132.97
23 21	13 23-0951	EA	10" Plain End Piping System, Lateral <i>For Galvanized Fittings, Add</i>	4,003.56 754.24	154.98
23 21	13 23-0952	EA	12" Plain End Piping System, Lateral <i>For Galvanized Fittings, Add</i>	5,379.43 1,020.22	185.67
23 21 13 23-0953 Plain End Piping System, Crosses (23 21 13 23-0886)					
23 21	13 23-0954	EA	2" Plain End Piping System, Cross <i>For Galvanized Fittings, Add</i>	786.77 88.72	51.42
23 21	13 23-0955	EA	2-1/2" Plain End Piping System, Cross <i>For Galvanized Fittings, Add</i>	804.19 88.72	62.96
23 21	13 23-0956	EA	3" Plain End Piping System, Cross <i>For Galvanized Fittings, Add</i>	939.42 102.91	77.50
23 21	13 23-0957	EA	4" Plain End Piping System, Cross <i>For Galvanized Fittings, Add</i>	1,281.05 141.37	100.15
23 21	13 23-0958	EA	5" Plain End Piping System, Cross <i>For Galvanized Fittings, Add</i>	1,802.79 200.79	131.05
23 21	13 23-0959	EA	6" Plain End Piping System, Cross <i>For Galvanized Fittings, Add</i>	2,366.14 265.12	163.53
23 21	13 23-0960	EA	8" Plain End Piping System, Cross <i>For Galvanized Fittings, Add</i>	3,017.94 340.13	198.06
23 21	13 23-0961	EA	10" Plain End Piping System, Cross <i>For Galvanized Fittings, Add</i>	4,317.18 496.27	231.51
23 21	13 23-0962	EA	12" Plain End Piping System, Cross <i>For Galvanized Fittings, Add</i>	6,142.17 715.58	278.54
23 21 13 23-0963 Plain End Piping System, Adapter Nipples (23 21 13 23-0886)					
Note: Plain to threaded, plain to beveled or plain to grooved.					
23 21	13 23-0964	EA	1" Plain End Piping System, Adapter Nipple <i>For Galvanized Fittings, Add</i>	65.00 13.85	6.42
23 21	13 23-0965	EA	1-1/2" Plain End Piping System, Adapter Nipple <i>For Galvanized Fittings, Add</i>	70.27 14.23	8.87
23 21	13 23-0966	EA	2" Plain End Piping System, Adapter Nipple <i>For Galvanized Fittings, Add</i>	74.49 14.23	11.76
23 21	13 23-0967	EA	2-1/2" Plain End Piping System, Adapter Nipple <i>For Galvanized Fittings, Add</i>	88.05 16.67	14.21
23 21	13 23-0968	EA	3" Plain End Piping System, Adapter Nipple <i>For Galvanized Fittings, Add</i>	108.03 20.60	17.10
23 21	13 23-0969	EA	4" Plain End Piping System, Adapter Nipple <i>For Galvanized Fittings, Add</i>	171.96 34.44	22.77
23 21	13 23-0970	EA	6" Plain End Piping System, Adapter Nipple <i>For Galvanized Fittings, Add</i>	415.31 93.14	28.54
23 21 13 23-0971 Plain End Piping System, Reducing (Swaged) Nipples (23 21 13 23-0886)					
23 21	13 23-0972	EA	1-1/2" x 1" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	209.11 46.53	15.28
23 21	13 23-0973	EA	2" x 1" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	213.40 46.53	18.17
23 21	13 23-0974	EA	2" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	217.72 46.53	21.05
23 21	13 23-0975	EA	2-1/2" x 1" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	216.67 46.53	20.42
23 21	13 23-0976	EA	2-1/2" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	220.87 46.53	23.19
23 21	13 23-0977	EA	2-1/2" x 2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	225.13 46.53	25.97
23 21	13 23-0978	EA	3" x 1" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	261.89 56.67	23.51
23 21	13 23-0979	EA	3" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	265.68 56.67	25.97
23 21	13 23-0980	EA	3" x 2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	217.66 43.59	28.86
23 21	13 23-0981	EA	3" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	225.94 43.59	34.42
23 21	13 23-0982	EA	3-1/2" x 3" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	264.03 52.12	37.09
23 21	13 23-0983	EA	4" x 1" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	362.57 79.69	29.18
23 21	13 23-0984	EA	4" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	366.31 79.69	31.74
23 21	13 23-0985	EA	4" x 2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	293.27 60.35	34.63
23 21	13 23-0986	EA	4" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	296.94 60.35	37.09
23 21	13 23-0987	EA	4" x 3" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	301.30 60.35	39.97
23 21	13 23-0988	EA	4" x 3-1/2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	305.46 60.35	42.75
23 21	13 23-0989	EA	5" x 2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	948.09 221.91	40.29
23 21	13 23-0990	EA	5" x 3" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	753.47 171.28	45.53
23 21	13 23-0991	EA	5" x 4" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	640.80 140.95	51.42

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 13 23-0992	EA	6" x 1" Plain End Piping System, Reducing (Swaged) Nipple	1,756.50	43.50
		<i>For Galvanized Fittings, Add</i>	422.83	
23 21 13 23-0993	EA	6" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	1,760.19	45.97
		<i>For Galvanized Fittings, Add</i>	422.83	
23 21 13 23-0994	EA	6" x 2" Plain End Piping System, Reducing (Swaged) Nipple	1,324.17	48.85
		<i>For Galvanized Fittings, Add</i>	312.74	
23 21 13 23-0995	EA	6" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple	1,327.96	51.42
		<i>For Galvanized Fittings, Add</i>	312.74	
23 21 13 23-0996	EA	6" x 3" Plain End Piping System, Reducing (Swaged) Nipple	891.94	54.20
		<i>For Galvanized Fittings, Add</i>	202.68	
23 21 13 23-0997	EA	6" x 3-1/2" Plain End Piping System, Reducing (Swaged) Nipple	895.82	56.75
		<i>For Galvanized Fittings, Add</i>	202.68	
23 21 13 23-0998	EA	6" x 4" Plain End Piping System, Reducing (Swaged) Nipple	704.51	59.86
		<i>For Galvanized Fittings, Add</i>	153.77	
23 21 13 23-0999	EA	6" x 5" Plain End Piping System, Reducing (Swaged) Nipple	803.21	65.52
		<i>For Galvanized Fittings, Add</i>	176.24	
23 21 13 23-1000	EA	8" x 3" Plain End Piping System, Reducing (Swaged) Nipple	1,069.56	61.25
		<i>For Galvanized Fittings, Add</i>	244.43	
23 21 13 23-1001	EA	8" x 4" Plain End Piping System, Reducing (Swaged) Nipple	1,078.18	67.02
		<i>For Galvanized Fittings, Add</i>	244.43	
23 21 13 23-1002	EA	8" x 5" Plain End Piping System, Reducing (Swaged) Nipple	1,221.36	72.79
		<i>For Galvanized Fittings, Add</i>	278.07	
23 21 13 23-1003	EA	8" x 6" Plain End Piping System, Reducing (Swaged) Nipple	1,368.82	81.34
		<i>For Galvanized Fittings, Add</i>	311.70	
23 21 13 23-1004		Plain End Piping System, Bull Plugs <small>(23 21 13 23-0886)</small>		
23 21 13 23-1005	EA	1" Plain End Piping System, Bull Plug	346.14	6.42
		<i>For Galvanized Fittings, Add</i>	100.96	
23 21 13 23-1006	EA	1-1/2" Plain End Piping System, Bull Plug	349.88	8.87
		<i>For Galvanized Fittings, Add</i>	100.96	
23 21 13 23-1007	EA	2" Plain End Piping System, Bull Plug	354.10	11.76
		<i>For Galvanized Fittings, Add</i>	100.96	
23 21 13 23-1008	EA	2-1/2" Plain End Piping System, Bull Plug	357.90	14.21
		<i>For Galvanized Fittings, Add</i>	100.96	
23 21 13 23-1009	EA	3" Plain End Piping System, Bull Plug	518.96	17.10
		<i>For Galvanized Fittings, Add</i>	147.99	
23 21 13 23-1010	EA	4" Plain End Piping System, Bull Plug	671.39	22.77
		<i>For Galvanized Fittings, Add</i>	191.16	
23 21 13 23-1011	EA	5" Plain End Piping System, Bull Plug	1,168.80	28.54
		<i>For Galvanized Fittings, Add</i>	337.82	
23 21 13 23-1012	EA	6" Plain End Piping System, Bull Plug	1,557.46	37.09
		<i>For Galvanized Fittings, Add</i>	450.56	
23 21 13 23-1013	EA	8" Plain End Piping System, Bull Plug	2,889.85	44.14
		<i>For Galvanized Fittings, Add</i>	847.08	
23 21 13 23-1014	EA	10" Plain End Piping System, Bull Plug	5,203.22	51.63
		<i>For Galvanized Fittings, Add</i>	1,537.73	
23 21 13 23-1015	EA	12" Plain End Piping System, Bull Plug	7,975.47	61.99
		<i>For Galvanized Fittings, Add</i>	2,364.75	
23 21 13 23-1016		Carbon Steel Piping Systems <small>(23 21 13 23)</small>		
23 21 13 23-1017		Class 3,000 LB Carbon Steel Socket Weld Fittings <small>(23 21 13 23-1016)</small>		
		Note: ASTM A105		
23 21 13 23-1018		90 Degree Elbows, 3,000 LB Carbon Steel Socket Weld <small>(23 21 13 23-1017)</small>		
23 21 13 23-1019	EA	1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	47.55	21.16
23 21 13 23-1020	EA	3/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	53.60	23.62
23 21 13 23-1021	EA	1" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	73.06	26.40
23 21 13 23-1022	EA	1-1/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	107.22	29.93
23 21 13 23-1023	EA	1-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	123.15	33.67
23 21 13 23-1024	EA	2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	170.84	42.86
23 21 13 23-1025	EA	2-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	365.59	63.38
23 21 13 23-1026	EA	3" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	528.89	83.37
23 21 13 23-1027	EA	4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	987.23	86.45
23 21 13 23-1028		45 Degree Elbows, 3,000 LB Carbon Steel Socket Weld <small>(23 21 13 23-1017)</small>		
23 21 13 23-1029	EA	1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	54.55	21.16
23 21 13 23-1030	EA	3/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	64.19	23.62
23 21 13 23-1031	EA	1" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	76.31	26.40
23 21 13 23-1032	EA	1-1/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	111.35	29.93
23 21 13 23-1033	EA	1-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	133.03	33.67
23 21 13 23-1034	EA	2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	170.64	42.86
23 21 13 23-1035	EA	2-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	426.04	63.38
23 21 13 23-1036	EA	3" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	580.04	83.37
23 21 13 23-1037	EA	4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	965.10	86.45
23 21 13 23-1038		Straight Tees, 3,000 LB Carbon Steel Socket Weld <small>(23 21 13 23-1017)</small>		
23 21 13 23-1039	EA	1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	57.64	26.40
23 21 13 23-1040	EA	3/4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	71.74	30.46
23 21 13 23-1041	EA	1" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	100.10	36.02
23 21 13 23-1042	EA	1-1/4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	139.40	42.86
23 21 13 23-1043	EA	1-1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	169.86	51.09
23 21 13 23-1044	EA	2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	230.36	63.38

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1045 EA 2-1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	450.85	83.37
23 21 13 23-1046 EA 3" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	637.70	98.97
23 21 13 23-1047 EA 4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	1,313.09	109.14
23 21 13 23-1048 Reducing Tees, 3,000 LB Carbon Steel Socket Weld (23 21 13 23-1017)		
23 21 13 23-1049 EA 1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	59.56	26.40
23 21 13 23-1050 EA 3/4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	73.72	30.46
23 21 13 23-1051 EA 1" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	102.47	36.02
23 21 13 23-1052 EA 1-1/4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	145.01	42.86
23 21 13 23-1053 EA 1-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	176.45	51.09
23 21 13 23-1054 EA 2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	240.47	63.38
23 21 13 23-1055 EA 2-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	474.88	83.37
23 21 13 23-1056 EA 3" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	672.30	98.97
23 21 13 23-1057 EA 4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	1,189.96	109.14
23 21 13 23-1058 Straight Couplings, 3,000 LB Carbon Steel Socket Weld (23 21 13 23-1017)		
23 21 13 23-1059 EA 1/2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	38.93	21.16
23 21 13 23-1060 EA 3/4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	44.04	23.62
23 21 13 23-1061 EA 1" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	52.77	26.40
23 21 13 23-1062 EA 1-1/4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	61.43	29.93
23 21 13 23-1063 EA 1-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	72.88	33.67
23 21 13 23-1064 EA 2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	96.86	42.86
23 21 13 23-1065 EA 2-1/2" Coupling, Straight, Carbon Steel, Socket, Weld, 3,000 LB.....	177.13	63.38
23 21 13 23-1066 EA 3" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	238.25	83.37
23 21 13 23-1067 EA 4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	355.46	86.45
23 21 13 23-1068 Reducing Couplings, 3,000 LB Carbon Steel Socket Weld (23 21 13 23-1017)		
23 21 13 23-1069 EA 1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	42.83	21.16
23 21 13 23-1070 EA 3/4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	48.33	23.62
23 21 13 23-1071 EA 1" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	59.62	26.40
23 21 13 23-1072 EA 1-1/4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	69.72	29.93
23 21 13 23-1073 EA 1-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	85.17	33.67
23 21 13 23-1074 EA 2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	109.99	42.86
23 21 13 23-1075 EA 2-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	206.05	63.38
23 21 13 23-1076 EA 3" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	296.44	83.37
23 21 13 23-1077 EA 4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	476.41	86.45
23 21 13 23-1078 Caps, 3,000 LB Carbon Steel Socket Weld (23 21 13 23-1017)		
23 21 13 23-1079 EA 1/2" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	26.32	9.94
23 21 13 23-1080 EA 3/4" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	30.87	10.58
23 21 13 23-1081 EA 1" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	36.46	12.19
23 21 13 23-1082 EA 1-1/4" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	43.52	13.26
23 21 13 23-1083 EA 1-1/2" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	52.22	13.26
23 21 13 23-1084 EA 2" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	67.86	16.99
23 21 13 23-1085 EA 2-1/2" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	131.34	21.16
23 21 13 23-1086 EA 3" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	195.33	25.55
23 21 13 23-1087 EA 4" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	289.23	29.58
23 21 13 23-1088 Black Cast Iron Square Head Plug (23 21 13 23-1017)		
23 21 13 23-1089 EA 1/2" Square Head Plug, Black, Cast Iron.....	15.07	8.44
23 21 13 23-1090 EA 3/4" Square Head Plug, Black, Cast Iron.....	18.79	8.44
23 21 13 23-1091 EA 1" Square Head Plug, Black, Cast Iron.....	26.07	12.82
23 21 13 23-1092 EA 1-1/4" Square Head Plug, Black, Cast Iron.....	26.81	12.82
23 21 13 23-1093 EA 1-1/2" Square Head Plug, Black, Cast Iron.....	29.90	12.82
23 21 13 23-1094 EA 2" Square Head Plug, Black, Cast Iron.....	39.46	16.99
23 21 13 23-1095 EA 2-1/2" Square Head Plug, Black, Cast Iron.....	51.87	21.16
23 21 13 23-1096 EA 3" Square Head Plug, Black, Cast Iron.....	70.73	25.55
23 21 13 23-1097 EA 4" Square Head Plug, Black, Cast Iron.....	82.46	29.58
23 21 13 23-1098 Unions, 3,000 LB Carbon Steel Socket Weld (23 21 13 23-1017)		
23 21 13 23-1099 EA 1/2" Union, Carbon Steel, Socket Weld, 3,000 LB.....	80.25	26.40
23 21 13 23-1100 EA 3/4" Union, Carbon Steel, Socket Weld, 3,000 LB.....	87.40	30.46
23 21 13 23-1101 EA 1" Union, Carbon Steel, Socket Weld, 3,000 LB.....	114.97	36.02
23 21 13 23-1102 EA 1-1/4" Union, Carbon Steel, Socket Weld, 3,000 LB.....	148.37	42.86
23 21 13 23-1103 EA 1-1/2" Union, Carbon Steel, Socket Weld, 3,000 LB.....	179.34	51.09
23 21 13 23-1104 EA 2" Union, Carbon Steel, Socket Weld, 3,000 LB.....	224.83	63.38
23 21 13 23-1105 EA 2-1/2" Union, Carbon Steel, Socket Weld, 3,000 LB.....	435.67	68.83
23 21 13 23-1106 EA 3" Union, Carbon Steel, Socket Weld, 3,000 LB.....	596.14	83.37
23 21 13 23-1107 Class 6,000 LB Carbon Steel Socket Weld Fittings (23 21 13 23-1016)		
Note: ASTM A105		
23 21 13 23-1108 90 Degree Elbow, 6,000 LB Carbon Steel Socket Weld (23 21 13 23-1107)		
23 21 13 23-1109 EA 1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	55.99	21.16
23 21 13 23-1110 EA 3/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	63.24	23.62
23 21 13 23-1111 EA 1" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	90.84	26.40
23 21 13 23-1112 EA 1-1/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	140.36	29.93

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 13 23-1113	EA	1-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	161.71	33.67
23 21 13 23-1114	EA	2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	227.48	42.86
23 21 13 23-1115	EA	2-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	509.29	63.38
23 21 13 23-1116	EA	3" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	743.39	83.37
23 21 13 23-1117	EA	4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	1,442.75	86.45
23 21 13 23-1118		45 Degree Elbow, 6,000 LB Carbon Steel Socket Weld (23 21 13 23-1107)		
23 21 13 23-1119	EA	1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	67.51	21.16
23 21 13 23-1120	EA	3/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	80.46	23.62
23 21 13 23-1121	EA	1" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	97.10	26.40
23 21 13 23-1122	EA	1-1/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	149.01	29.93
23 21 13 23-1123	EA	1-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	179.73	33.67
23 21 13 23-1124	EA	2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	230.91	42.86
23 21 13 23-1125	EA	2-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	613.47	63.38
23 21 13 23-1126	EA	3" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	837.67	83.37
23 21 13 23-1127	EA	4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	1,438.19	86.45
23 21 13 23-1128		Straight Tees, 6,000 LB Carbon Steel Socket Weld (23 21 13 23-1107)		
23 21 13 23-1129	EA	1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	74.35	26.40
23 21 13 23-1130	EA	3/4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	95.88	30.46
23 21 13 23-1131	EA	1" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	142.81	36.02
23 21 13 23-1132	EA	1-1/4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	209.04	42.86
23 21 13 23-1133	EA	1-1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	256.22	51.09
23 21 13 23-1134	EA	2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	355.72	63.38
23 21 13 23-1135	EA	2-1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	752.63	83.37
23 21 13 23-1136	EA	3" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	1,090.85	98.97
23 21 13 23-1137	EA	4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	2,377.70	109.14
23 21 13 23-1138		Reducing Tees, 6,000 LB Carbon Steel Socket Weld (23 21 13 23-1107)		
23 21 13 23-1139	EA	1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	59.56	26.40
23 21 13 23-1140	EA	3/4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	73.72	30.46
23 21 13 23-1141	EA	1" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	102.47	36.02
23 21 13 23-1142	EA	1-1/4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	145.01	42.86
23 21 13 23-1143	EA	1-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	176.45	51.09
23 21 13 23-1144	EA	2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	240.47	63.38
23 21 13 23-1145	EA	2-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	474.88	83.37
23 21 13 23-1146	EA	3" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	672.30	98.97
23 21 13 23-1147	EA	4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	1,189.96	109.14
23 21 13 23-1148		Straight Couplings, 6,000 LB Carbon Steel Socket Weld (23 21 13 23-1107)		
23 21 13 23-1149	EA	1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	42.43	21.16
23 21 13 23-1150	EA	3/4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	48.20	23.62
23 21 13 23-1151	EA	1" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	59.14	26.40
23 21 13 23-1152	EA	1-1/4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	69.47	29.93
23 21 13 23-1153	EA	1-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	83.69	33.67
23 21 13 23-1154	EA	2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	112.65	42.86
23 21 13 23-1155	EA	2-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	216.84	63.38
23 21 13 23-1156	EA	3" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	293.02	83.37
23 21 13 23-1157	EA	4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	464.71	86.45
23 21 13 23-1158		Reducing Couplings, 6,000 LB Carbon Steel Socket Weld (23 21 13 23-1107)		
23 21 13 23-1159	EA	1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	48.19	21.16
23 21 13 23-1160	EA	3/4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	54.51	23.62
23 21 13 23-1161	EA	1" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	69.24	26.40
23 21 13 23-1162	EA	1-1/4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	81.67	29.93
23 21 13 23-1163	EA	1-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	101.79	33.67
23 21 13 23-1164	EA	2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	131.97	42.86
23 21 13 23-1165	EA	2-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	259.35	63.38
23 21 13 23-1166	EA	3" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	378.72	83.37
23 21 13 23-1167	EA	4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	642.90	86.45
23 21 13 23-1168		Caps, 6,000 LB Carbon Steel Socket Weld (23 21 13 23-1107)		
23 21 13 23-1169	EA	1/2" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	34.02	9.94
23 21 13 23-1170	EA	3/4" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	40.95	10.58
23 21 13 23-1171	EA	1" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	48.67	12.19
23 21 13 23-1172	EA	1-1/4" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	59.45	13.26
23 21 13 23-1173	EA	1-1/2" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	73.99	13.26
23 21 13 23-1174	EA	2" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	96.26	16.99
23 21 13 23-1175	EA	2-1/2" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	198.22	21.16
23 21 13 23-1176	EA	3" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	300.70	25.55
23 21 13 23-1177	EA	4" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	453.53	29.58
23 21 13 23-1178		Black Cast Iron Square Head Plug (23 21 13 23-1107)		
23 21 13 23-1179	EA	1/2" Square Head Plug, Black Cast Iron.....	15.09	8.44
23 21 13 23-1180	EA	3/4" Square Head Plug, Black Cast Iron.....	18.82	8.44
23 21 13 23-1181	EA	1" Square Head Plug, Black Cast Iron.....	26.10	12.82
23 21 13 23-1182	EA	1-1/4" Square Head Plug, Black Cast Iron.....	26.85	12.82

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1183	EA		1-1/2" Square Head Plug, Black Cast Iron.....	29.95	12.82
23 21 13 23-1184	EA		2" Square Head Plug, Black Cast Iron.....	39.53	16.99
23 21 13 23-1185	EA		2-1/2" Square Head Plug, Black Cast Iron.....	51.97	21.16
23 21 13 23-1186	EA		3" Square Head Plug, Black Cast Iron.....	70.89	25.55
23 21 13 23-1187	EA		4" Square Head Plug, Black Cast Iron.....	82.65	29.58
23 21 13 23-1188			Unions, 6,000 LB Carbon Steel Socket Weld <small>(23 21 13 23-1107)</small>		
23 21 13 23-1189	EA		1/2" Union, Carbon Steel, Socket Weld, 6,000 LB.....	105.11	26.40
23 21 13 23-1190	EA		3/4" Union, Carbon Steel, Socket Weld, 6,000 LB.....	112.91	30.46
23 21 13 23-1191	EA		1" Union, Carbon Steel, Socket Weld, 6,000 LB.....	152.26	36.02
23 21 13 23-1192	EA		1-1/4" Union, Carbon Steel, Socket Weld, 6,000 LB.....	199.84	42.86
23 21 13 23-1193	EA		1-1/2" Union, Carbon Steel, Socket Weld, 6,000 LB.....	242.15	51.09
23 21 13 23-1194	EA		2" Union, Carbon Steel, Socket Weld, 6,000 LB.....	304.21	63.38
23 21 13 23-1195	EA		2-1/2" Union, Carbon Steel, Socket Weld, 6,000 LB.....	638.93	68.83
23 21 13 23-1196	EA		3" Union, Carbon Steel, Socket Weld, 6,000 LB.....	884.24	83.37
23 21 13 23-1197			Carbon Steel, Seamless Piping System <small>(23 21 13 23-1016)</small>		
Note: ASTM A106 Excludes hangers or fittings. Demolition Note applies to all pipe demolition.					
23 21 13 23-1198			Schedule 40, Carbon Steel, Seamless Piping <small>(23 21 13 23-1197)</small>		
Note: ASTM A106 Excludes hangers, elbow, tee, or reducer fittings.					
23 21 13 23-1199	LF		1/4" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe.....	11.50	3.96
			<i>For Schedule 80, Add</i>	2.01	
23 21 13 23-1200	LF		1/2" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe.....	11.57	4.27
			<i>For Schedule 80, Add</i>	1.83	
			<i>For Schedule 160, Add</i>	7.64	
23 21 13 23-1201	LF		3/4" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe.....	13.14	4.59
			<i>For Schedule 80, Add</i>	2.25	
			<i>For Schedule 160, Add</i>	9.36	
23 21 13 23-1202	LF		1" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe.....	13.90	5.03
			<i>For Schedule 80, Add</i>	2.31	
			<i>For Schedule 160, Add</i>	9.65	
23 21 13 23-1203	LF		1-1/2" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe.....	19.72	6.20
			<i>For Schedule 80, Add</i>	3.75	
			<i>For Schedule 160, Add</i>	15.63	
23 21 13 23-1204	LF		2" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe.....	23.72	7.48
			<i>For Schedule 80, Add</i>	4.49	
			<i>For Schedule 160, Add</i>	18.71	
23 21 13 23-1205			90 Degree Elbows, Screwed Carbon Steel <small>(23 21 13 23-1197)</small>		
23 21 13 23-1206	EA		1/4" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	34.43	16.25
23 21 13 23-1207	EA		1/2" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	42.25	19.03
23 21 13 23-1208	EA		3/4" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	47.16	21.28
23 21 13 23-1209	EA		1" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	54.85	23.73
23 21 13 23-1210	EA		1-1/2" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	95.12	30.35
23 21 13 23-1211	EA		2" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	120.42	38.58
23 21 13 23-1212	EA		1/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	37.62	16.25
23 21 13 23-1213	EA		1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	43.44	19.03
23 21 13 23-1214	EA		3/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	51.10	21.28
23 21 13 23-1215	EA		1" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	63.44	23.73
23 21 13 23-1216	EA		1-1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	115.62	30.35
23 21 13 23-1217	EA		2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	143.07	38.58
23 21 13 23-1218	EA		1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	54.60	19.03
23 21 13 23-1219	EA		3/4" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	65.15	21.28
23 21 13 23-1220	EA		1" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	78.20	23.73
23 21 13 23-1221	EA		1-1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	157.09	30.35
23 21 13 23-1222	EA		2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	253.07	38.58
23 21 13 23-1223			45 Degree Elbows, Screwed Carbon Steel <small>(23 21 13 23-1197)</small>		
23 21 13 23-1224	EA		1/4" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	40.90	16.25
23 21 13 23-1225	EA		1/2" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	44.82	19.03
23 21 13 23-1226	EA		3/4" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	50.49	21.28
23 21 13 23-1227	EA		1" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	57.38	23.73
23 21 13 23-1228	EA		1-1/2" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	86.93	30.35
23 21 13 23-1229	EA		2" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	133.05	38.58
23 21 13 23-1230	EA		1/4" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	41.41	16.25
23 21 13 23-1231	EA		1/2" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	47.74	19.03
23 21 13 23-1232	EA		3/4" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	53.85	21.28
23 21 13 23-1233	EA		1" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	66.15	23.73
23 21 13 23-1234	EA		1-1/2" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	112.45	30.35
23 21 13 23-1235	EA		2" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	150.14	38.58
23 21 13 23-1236	EA		1/2" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	62.30	19.03
23 21 13 23-1237	EA		3/4" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	79.05	21.28
23 21 13 23-1238	EA		1" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	83.42	23.73
23 21 13 23-1239	EA		1-1/2" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	186.68	30.35
23 21 13 23-1240	EA		2" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	255.02	38.58
23 21 13 23-1241			Straight Tees, Screwed Carbon Steel <small>(23 21 13 23-1197)</small>		
23 21 13 23-1242	EA		1/4" Tee, Straight, 2,000 LB, Screwed Carbon Steel.....	46.16	22.55
23 21 13 23-1243	EA		1/2" Tee, Straight, 2,000 LB, Screwed Carbon Steel.....	53.44	23.73
23 21 13 23-1244	EA		3/4" Tee, Straight, 2,000 LB, Screwed Carbon Steel.....	65.39	27.47

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 21 13 23-1245	EA	1" Tee, Straight, 2,000 LB, Screwed Carbon Steel	81.79	32.39
23 21 13 23-1246	EA	1-1/2" Tee, Straight, 2,000 LB, Screwed Carbon Steel	138.80	45.97
23 21 13 23-1247	EA	2" Tee, Straight, 2,000 LB, Screwed Carbon Steel	172.07	57.08
23 21 13 23-1248	EA	1/4" Tee, Straight, 3,000 LB, Screwed Carbon Steel	48.89	22.55
23 21 13 23-1249	EA	1/2" Tee, Straight, 3,000 LB, Screwed Carbon Steel	55.21	23.73
23 21 13 23-1250	EA	3/4" Tee, Straight, 3,000 LB, Screwed Carbon Steel	71.33	27.47
23 21 13 23-1251	EA	1" Tee, Straight, 3,000 LB, Screwed Carbon Steel	86.87	32.39
23 21 13 23-1252	EA	1-1/2" Tee, Straight, 3,000 LB, Screwed Carbon Steel	156.39	45.97
23 21 13 23-1253	EA	2" Tee, Straight, 3,000 LB, Screwed Carbon Steel	201.18	57.08
23 21 13 23-1254	EA	1/2" Tee, Straight, 6,000 LB, Screwed Carbon Steel	68.60	23.73
23 21 13 23-1255	EA	3/4" Tee, Straight, 6,000 LB, Screwed Carbon Steel	85.71	27.47
23 21 13 23-1256	EA	1" Tee, Straight, 6,000 LB, Screwed Carbon Steel	122.43	32.39
23 21 13 23-1257	EA	1-1/2" Tee, Straight, 6,000 LB, Screwed Carbon Steel	196.79	45.97
23 21 13 23-1258	EA	2" Tee, Straight, 6,000 LB, Screwed Carbon Steel	329.96	57.08

23 21 13 23-1259 Crosses, Screwed Carbon Steel (23 21 13 23-1197)

23 21 13 23-1260	EA	1/4" Cross, 2,000 LB, Screwed Carbon Steel	73.88	28.54
23 21 13 23-1261	EA	1/2" Cross, 2,000 LB, Screwed Carbon Steel	89.37	32.06
23 21 13 23-1262	EA	3/4" Cross, 2,000 LB, Screwed Carbon Steel	96.45	34.20
23 21 13 23-1263	EA	1" Cross, 2,000 LB, Screwed Carbon Steel	120.62	41.26
23 21 13 23-1264	EA	1-1/2" Cross, 2,000 LB, Screwed Carbon Steel	228.10	57.72
23 21 13 23-1265	EA	2" Cross, 2,000 LB, Screwed Carbon Steel	298.70	71.29
23 21 13 23-1266	EA	1/2" Cross, 3,000 LB, Screwed Carbon Steel	92.71	32.06
23 21 13 23-1267	EA	3/4" Cross, 3,000 LB, Screwed Carbon Steel	115.69	34.20
23 21 13 23-1268	EA	1" Cross, 3,000 LB, Screwed Carbon Steel	137.44	41.26
23 21 13 23-1269	EA	1-1/2" Cross, 3,000 LB, Screwed Carbon Steel	252.37	57.72
23 21 13 23-1270	EA	2" Cross, 3,000 LB, Screwed Carbon Steel	343.03	71.29
23 21 13 23-1271	EA	1/2" Cross, 6,000 LB, Screwed Carbon Steel	155.36	32.06
23 21 13 23-1272	EA	3/4" Cross, 6,000 LB, Screwed Carbon Steel	286.69	34.20
23 21 13 23-1273	EA	1" Cross, 6,000 LB, Screwed Carbon Steel	400.93	41.26
23 21 13 23-1274	EA	1-1/2" Cross, 6,000 LB, Screwed Carbon Steel	644.18	57.72
23 21 13 23-1275	EA	2" Cross, 6,000 LB, Screwed Carbon Steel	695.34	71.29

23 21 13 23-1276 Straight Couplings, Screwed Carbon Steel (23 21 13 23-1197)

23 21 13 23-1277	EA	1/4" Coupling, Straight, 3,000 LB, Screwed Carbon Steel	30.14	16.25
23 21 13 23-1278	EA	1/2" Coupling, Straight, 3,000 LB, Screwed Carbon Steel	34.06	19.03
23 21 13 23-1279	EA	3/4" Coupling, Straight, 3,000 LB, Screwed Carbon Steel	39.55	21.28
23 21 13 23-1280	EA	1" Coupling, Straight, 3,000 LB, Screwed Carbon Steel	47.14	23.73
23 21 13 23-1281	EA	1-1/2" Coupling, Straight, 3,000 LB, Screwed Carbon Steel	74.44	30.35
23 21 13 23-1282	EA	2" Coupling, Straight, 3,000 LB, Screwed Carbon Steel	94.44	38.58
23 21 13 23-1283	EA	1/4" Coupling, Straight, 6,000 LB, Screwed Carbon Steel	38.17	16.25
23 21 13 23-1284	EA	1/2" Coupling, Straight, 6,000 LB, Screwed Carbon Steel	39.14	19.03
23 21 13 23-1285	EA	3/4" Coupling, Straight, 6,000 LB, Screwed Carbon Steel	43.45	21.28
23 21 13 23-1286	EA	1" Coupling, Straight, 6,000 LB, Screwed Carbon Steel	52.34	23.73
23 21 13 23-1287	EA	1-1/2" Coupling, Straight, 6,000 LB, Screwed Carbon Steel	82.39	30.35
23 21 13 23-1288	EA	2" Coupling, Straight, 6,000 LB, Screwed Carbon Steel	123.47	38.58

23 21 13 23-1289 Reducing Couplings, Screwed Carbon Steel (23 21 13 23-1197)

23 21 13 23-1290	EA	1/4" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel	31.25	17.32
23 21 13 23-1291	EA	1/2" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel	36.69	19.03
23 21 13 23-1292	EA	3/4" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel	43.57	21.28
23 21 13 23-1293	EA	1" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel	52.72	23.73
23 21 13 23-1294	EA	1-1/2" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel	75.90	30.35
23 21 13 23-1295	EA	2" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel	102.27	38.58
23 21 13 23-1296	EA	1/2" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel	139.52	19.03
23 21 13 23-1297	EA	3/4" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel	142.92	21.28
23 21 13 23-1298	EA	1" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel	168.52	23.73
23 21 13 23-1299	EA	1-1/2" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel	247.17	30.35
23 21 13 23-1300	EA	2" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel	361.52	38.58

23 21 13 23-1301 Caps, Screwed Carbon Steel (23 21 13 23-1197)

23 21 13 23-1302	EA	1/4" Cap, 3,000 LB, Screwed Carbon Steel	15.65	7.27
23 21 13 23-1303	EA	1/2" Cap, 3,000 LB, Screwed Carbon Steel	17.94	8.44
23 21 13 23-1304	EA	3/4" Cap, 3,000 LB, Screwed Carbon Steel	21.52	9.51
23 21 13 23-1305	EA	1" Cap, 3,000 LB, Screwed Carbon Steel	27.04	10.58
23 21 13 23-1306	EA	1-1/2" Cap, 3,000 LB, Screwed Carbon Steel	38.04	13.47
23 21 13 23-1307	EA	2" Cap, 3,000 LB, Screwed Carbon Steel	53.32	17.21
23 21 13 23-1308	EA	1/4" Cap, 6,000 LB, Screwed Carbon Steel	25.29	7.27
23 21 13 23-1309	EA	1/2" Cap, 6,000 LB, Screwed Carbon Steel	24.12	8.44
23 21 13 23-1310	EA	3/4" Cap, 6,000 LB, Screwed Carbon Steel	31.58	9.51
23 21 13 23-1311	EA	1" Cap, 6,000 LB, Screwed Carbon Steel	34.39	10.58
23 21 13 23-1312	EA	1-1/2" Cap, 6,000 LB, Screwed Carbon Steel	67.98	13.47
23 21 13 23-1313	EA	2" Cap, 6,000 LB, Screwed Carbon Steel	82.48	17.21

23 21 13 23-1314 Nipples, Screwed Carbon Steel (23 21 13 23-1197)

23 21 13 23-1315	EA	1/4" Nipple, 2" Long, Screwed Carbon Steel	18.75	9.73
23 21 13 23-1316	EA	1/2" Nipple, 2" Long, Screwed Carbon Steel	18.93	10.15
23 21 13 23-1317	EA	3/4" Nipple, 2" Long, Screwed Carbon Steel	18.69	10.15
23 21 13 23-1318	EA	1" Nipple, 2" Long, Screwed Carbon Steel	21.32	11.01

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1319	EA	1-1/2" Nipple, 2" Long, Screwed Carbon Steel	25.17	11.87
23 21	13 23-1320	EA	2" Nipple, 2" Long, Screwed Carbon Steel	28.54	15.28
23 21	13 23-1321	EA	1/4" Nipple, 4" Long, Screwed Carbon Steel	20.59	9.73
23 21	13 23-1322	EA	1/2" Nipple, 4" Long, Screwed Carbon Steel	20.39	10.15
23 21	13 23-1323	EA	3/4" Nipple, 4" Long, Screwed Carbon Steel	20.34	10.15
23 21	13 23-1324	EA	1" Nipple, 4" Long, Screwed Carbon Steel	23.54	11.01
23 21	13 23-1325	EA	1-1/2" Nipple, 4" Long, Screwed Carbon Steel	29.14	11.87
23 21	13 23-1326	EA	2" Nipple, 4" Long, Screwed Carbon Steel	34.35	15.28
23 21	13 23-1327	EA	1/4" Nipple, 6" Long, Screwed Carbon Steel	24.99	9.73
23 21	13 23-1328	EA	1/2" Nipple, 6" Long, Screwed Carbon Steel	22.71	10.15
23 21	13 23-1329	EA	3/4" Nipple, 6" Long, Screwed Carbon Steel	22.92	10.15
23 21	13 23-1330	EA	1" Nipple, 6" Long, Screwed Carbon Steel	26.74	11.01
23 21	13 23-1331	EA	1-1/2" Nipple, 6" Long, Screwed Carbon Steel	34.57	11.87
23 21	13 23-1332	EA	2" Nipple, 6" Long, Screwed Carbon Steel	39.15	15.28
23 21 13 23-1333 Unions, Screwed Carbon Steel (23 21 13 23-1197)					
23 21	13 23-1334	EA	1/4" Union, 3,000 LB, Screwed Carbon Steel	38.58	23.62
23 21	13 23-1335	EA	1/2" Union, 3,000 LB, Screwed Carbon Steel	38.78	23.73
23 21	13 23-1336	EA	3/4" Union, 3,000 LB, Screwed Carbon Steel	44.34	27.47
23 21	13 23-1337	EA	1" Union, 3,000 LB, Screwed Carbon Steel	53.30	32.39
23 21	13 23-1338	EA	1-1/2" Union, 3,000 LB, Screwed Carbon Steel	76.91	45.97
23 21	13 23-1339	EA	2" Union, 3,000 LB, Screwed Carbon Steel	95.55	57.08
23 21	13 23-1340	EA	1/4" Union, 6,000 LB, Screwed Carbon Steel	81.22	23.62
23 21	13 23-1341	EA	1/2" Union, 6,000 LB, Screwed Carbon Steel	90.33	23.73
23 21	13 23-1342	EA	3/4" Union, 6,000 LB, Screwed Carbon Steel	106.79	27.47
23 21	13 23-1343	EA	1" Union, 6,000 LB, Screwed Carbon Steel	130.25	32.39
23 21	13 23-1344	EA	1-1/2" Union, 6,000 LB, Screwed Carbon Steel	234.26	45.97
23 21	13 23-1345	EA	2" Union, 6,000 LB, Screwed Carbon Steel	289.21	57.08
23 21 13 23-1346 Weld Neck Flanges, Screwed Carbon Steel (23 21 13 23-1197)					
23 21	13 23-1347	EA	1/2" Flange, 150 LB, Screwed Carbon Steel	88.92	44.14
23 21	13 23-1348	EA	3/4" Flange, 150 LB, Screwed Carbon Steel	92.85	46.28
23 21	13 23-1349	EA	1" Flange, 150 LB, Screwed Carbon Steel	95.86	48.31
23 21	13 23-1350	EA	1-1/2" Flange, 150 LB, Screwed Carbon Steel	105.82	54.41
23 21	13 23-1351	EA	2" Flange, 150 LB, Screwed Carbon Steel	109.37	56.75
23 21	13 23-1352	EA	1/2" Flange, 300 LB, Screwed Carbon Steel	90.36	44.14
			<i>For Ring Type Joint, Add</i>	24.12	
			<i>For Blind Flange, Deduct</i>	-31.32	
23 21	13 23-1353	EA	3/4" Flange, 300 LB, Screwed Carbon Steel	94.38	46.28
			<i>For Ring Type Joint, Add</i>	24.93	
			<i>For Blind Flange, Deduct</i>	-32.77	
23 21	13 23-1354	EA	1" Flange, 300 LB, Screwed Carbon Steel	98.18	48.31
			<i>For Ring Type Joint, Add</i>	25.72	
			<i>For Blind Flange, Deduct</i>	-34.13	
23 21	13 23-1355	EA	1-1/2" Flange, 300 LB, Screwed Carbon Steel	111.36	54.41
			<i>For Ring Type Joint, Add</i>	29.76	
			<i>For Blind Flange, Deduct</i>	-38.59	
23 21	13 23-1356	EA	2" Flange, 300 LB, Screwed Carbon Steel	114.91	56.75
			<i>For Ring Type Joint, Add</i>	29.76	
			<i>For Blind Flange, Deduct</i>	-40.01	
23 21	13 23-1357	EA	1/2" Flange, 600 LB, Screwed Carbon Steel	99.85	44.14
			<i>For Ring Type Joint, Add</i>	33.61	
			<i>For Blind Flange, Deduct</i>	-33.22	
23 21	13 23-1358	EA	3/4" Flange, 600 LB, Screwed Carbon Steel	103.06	46.28
			<i>For Ring Type Joint, Add</i>	33.61	
			<i>For Blind Flange, Deduct</i>	-34.50	
23 21	13 23-1359	EA	1" Flange, 600 LB, Screwed Carbon Steel	107.60	48.31
			<i>For Ring Type Joint, Add</i>	35.14	
			<i>For Blind Flange, Deduct</i>	-36.01	
23 21	13 23-1360	EA	1-1/2" Flange, 600 LB, Screwed Carbon Steel	123.03	54.41
			<i>For Ring Type Joint, Add</i>	41.43	
			<i>For Blind Flange, Deduct</i>	-40.93	
23 21	13 23-1361	EA	2" Flange, 600 LB, Screwed Carbon Steel	123.71	56.75
			<i>For Ring Type Joint, Add</i>	38.56	
			<i>For Blind Flange, Deduct</i>	-41.77	
23 21 13 23-1362 Square Head Plugs, Screwed Carbon Steel (23 21 13 23-1197)					
23 21	13 23-1363	EA	1/4" Square Head Plug, Screwed Carbon Steel	6.62	2.99
23 21	13 23-1364	EA	1/2" Square Head Plug, Screwed Carbon Steel	7.92	3.53
23 21	13 23-1365	EA	3/4" Square Head Plug, Screwed Carbon Steel	9.30	4.06
23 21	13 23-1366	EA	1" Square Head Plug, Screwed Carbon Steel	13.50	5.98
23 21	13 23-1367	EA	1-1/2" Square Head Plug, Screwed Carbon Steel	19.10	5.98
23 21	13 23-1368	EA	2" Square Head Plug, Screwed Carbon Steel	28.56	7.81
23 21 13 23-1369 Hex Head Plugs, Screwed Carbon Steel (23 21 13 23-1197)					
23 21	13 23-1370	EA	1/4" Hex Head Plug, Screwed Carbon Steel	6.06	2.99
23 21	13 23-1371	EA	1/2" Hex Head Plug, Screwed Carbon Steel	7.40	3.53
23 21	13 23-1372	EA	3/4" Hex Head Plug, Screwed Carbon Steel	8.96	4.06
23 21	13 23-1373	EA	1" Hex Head Plug, Screwed Carbon Steel	13.20	5.98
23 21	13 23-1374	EA	1-1/2" Hex Head Plug, Screwed Carbon Steel	17.86	5.98
23 21	13 23-1375	EA	2" Hex Head Plug, Screwed Carbon Steel	29.44	7.81

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

		MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
						UNIT COST	UNIT COST
23 21 13 23-1376					Round Head Plugs, Screwed Carbon Steel (23 21 13 23-1197)		
23 21 13 23-1377	EA				1/4" Round Head Plug, Screwed Carbon Steel.....	7.88	2.99
23 21 13 23-1378	EA				1/2" Round Head Plug, Screwed Carbon Steel.....	8.00	3.53
23 21 13 23-1379	EA				3/4" Round Head Plug, Screwed Carbon Steel.....	9.06	4.06
23 21 13 23-1380	EA				1" Round Head Plug, Screwed Carbon Steel.....	13.70	5.98
23 21 13 23-1381	EA				1-1/2" Round Head Plug, Screwed Carbon Steel.....	20.65	5.98
23 21 13 23-1382	EA				2" Round Head Plug, Screwed Carbon Steel.....	29.10	7.81
23 21 13 23-1383					Hexagon Bushings, Screwed Carbon Steel (23 21 13 23-1197)		
23 21 13 23-1384	EA				1/4" Hex Bushing, Screwed Carbon Steel.....	6.48	2.99
23 21 13 23-1385	EA				1/2" Hex Bushing, Screwed Carbon Steel.....	7.38	3.53
23 21 13 23-1386	EA				3/4" Hex Bushing, Screwed Carbon Steel.....	8.82	4.06
23 21 13 23-1387	EA				1" Hex Bushing, Screwed Carbon Steel.....	13.60	5.98
23 21 13 23-1388	EA				1-1/2" Hex Bushing, Screwed Carbon Steel.....	17.76	5.98
23 21 13 23-1389	EA				2" Hex Bushing, Screwed Carbon Steel.....	28.14	7.81
23 21 13 23-1390					90 Degree Street Elbows, Screwed Carbon Steel (23 21 13 23-1197)		
23 21 13 23-1391	EA				1/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	44.63	16.25
23 21 13 23-1392	EA				1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	50.25	19.03
23 21 13 23-1393	EA				3/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	59.87	21.28
23 21 13 23-1394	EA				1" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	71.41	23.73
23 21 13 23-1395	EA				1-1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	122.05	30.35
23 21 13 23-1396	EA				2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	167.13	38.58
23 21 13 23-1397	EA				1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	79.40	19.03
23 21 13 23-1398	EA				3/4" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	119.13	21.28
23 21 13 23-1399	EA				1" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	170.57	23.73
23 21 13 23-1400	EA				1-1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	394.84	30.35
23 21 13 23-1401					Screwed Carbon Steel Laterals (23 21 13 23-1197)		
23 21 13 23-1402	EA				1/2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel.....	236.39	23.73
23 21 13 23-1403	EA				3/4" Lateral, Straight, 3,000 LB, Screwed Carbon Steel.....	285.51	27.47
23 21 13 23-1404	EA				1" Lateral, Straight, 3,000 LB, Screwed Carbon Steel.....	350.59	32.39
23 21 13 23-1405	EA				1-1/2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel.....	446.05	45.97
23 21 13 23-1406	EA				2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel.....	556.88	57.08
23 21 13 23-1407	EA				1/2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel.....	304.48	23.73
23 21 13 23-1408	EA				3/4" Lateral, Straight, 6,000 LB, Screwed Carbon Steel.....	386.77	27.47
23 21 13 23-1409	EA				1" Lateral, Straight, 6,000 LB, Screwed Carbon Steel.....	458.86	32.39
23 21 13 23-1410	EA				1-1/2" Lateral, Straight, 6,000 LB, Screwed Carbon Steel.....	645.10	45.97
23 21 13 23-1411					Grooved-Joint Pipe (23 21 13 23)		
Note: Includes grooving of pipe. Excludes hangers, elbow, tee, reducer fitting or couplings.							
23 21 13 23-1412					Schedule 10 Black Grooved Pipe (23 21 13 23-1411)		
23 21 13 23-1413	LF				2" Black Schedule 10 Grooved Pipe.....	33.76	13.58
23 21 13 23-1414	LF				2-1/2" Black Schedule 10 Grooved Pipe.....	45.36	18.60
23 21 13 23-1415	LF				3" Black Schedule 10 Grooved Pipe.....	51.08	20.63
23 21 13 23-1416	LF				3-1/2" Black Schedule 10 Grooved Pipe.....	57.91	21.38
23 21 13 23-1417	LF				4" Black Schedule 10 Grooved Pipe.....	61.22	23.19
23 21 13 23-1418	LF				5" Black Schedule 10 Grooved Pipe.....	89.08	28.43
23 21 13 23-1419	LF				6" Black Schedule 10 Grooved Pipe.....	112.57	40.41
23 21 13 23-1420	LF				8" Black Schedule 10 Grooved Pipe.....	159.80	45.32
23 21 13 23-1421	LF				10" Black Schedule 10 Grooved Pipe.....	201.65	54.62
23 21 13 23-1422	LF				12" Black Schedule 10 Grooved Pipe.....	233.30	61.89
23 21 13 23-1423					Schedule 40 Black Grooved Pipe (23 21 13 23-1411)		
23 21 13 23-1424	LF				3/4" Black Schedule 40 Grooved Pipe.....	20.20	8.23
23 21 13 23-1425	LF				1" Black Schedule 40 Grooved Pipe.....	22.83	9.30
23 21 13 23-1426	LF				1-1/4" Black Schedule 40 Grooved Pipe.....	26.25	10.04
23 21 13 23-1427	LF				1-1/2" Black Schedule 40 Grooved Pipe.....	29.86	11.43
23 21 13 23-1428	LF				2" Black Schedule 40 Grooved Pipe.....	37.54	14.54
23 21 13 23-1429	LF				2-1/2" Black Schedule 40 Grooved Pipe.....	52.50	19.89
23 21 13 23-1430	LF				3" Black Schedule 40 Grooved Pipe.....	62.45	22.66
23 21 13 23-1431	LF				4" Black Schedule 40 Grooved Pipe.....	78.22	25.22
23 21 13 23-1432	LF				5" Black Schedule 40 Grooved Pipe.....	110.14	30.67
23 21 13 23-1433	LF				6" Black Schedule 40 Grooved Pipe.....	146.39	44.25
23 21 13 23-1434	LF				8" Black Schedule 40 Grooved Pipe.....	199.52	50.13
23 21 13 23-1435	LF				10" Black Schedule 40 Grooved Pipe.....	280.66	59.86
23 21 13 23-1436	LF				12" Black Schedule 40 Grooved Pipe.....	331.69	68.73
23 21 13 23-1437	LF				14" Black Schedule 40 Grooved Pipe.....	436.58	92.89
23 21 13 23-1438	LF				16" Black Schedule 40 Grooved Pipe.....	505.53	109.24
23 21 13 23-1439	LF				18" Black Schedule 40 Grooved Pipe.....	629.39	132.65
23 21 13 23-1440	LF				20" Black Schedule 40 Grooved Pipe.....	724.66	154.66
23 21 13 23-1441	LF				24" Black Schedule 40 Grooved Pipe.....	957.49	185.67
23 21 13 23-1442					Schedule 80 Black Grooved Pipe (23 21 13 23-1411)		
23 21 13 23-1443	LF				3/4" Black Schedule 80 Grooved Pipe.....	22.15	8.98
23 21 13 23-1444	LF				1" Black Schedule 80 Grooved Pipe.....	24.83	9.51
23 21 13 23-1445	LF				1-1/4" Black Schedule 80 Grooved Pipe.....	29.53	10.58

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1446	LF	1-1/2" Black Schedule 80 Grooved Pipe.....	33.72	11.87
23 21	13 23-1447	LF	2" Black Schedule 80 Grooved Pipe.....	43.66	15.28
23 21	13 23-1448	LF	2-1/2" Black Schedule 80 Grooved Pipe.....	61.84	21.05
23 21	13 23-1449	LF	3" Black Schedule 80 Grooved Pipe.....	74.62	23.62
23 21	13 23-1450	LF	4" Black Schedule 80 Grooved Pipe.....	96.11	25.76
23 21	13 23-1451	LF	5" Black Schedule 80 Grooved Pipe.....	151.04	32.39
23 21	13 23-1452	LF	6" Black Schedule 80 Grooved Pipe.....	194.08	46.39
23 21	13 23-1453	LF	8" Black Schedule 80 Grooved Pipe.....	300.41	53.02
23 21	13 23-1454	LF	10" Black Schedule 80 Grooved Pipe.....	375.09	64.03
23 21	13 23-1455	LF	12" Black Schedule 80 Grooved Pipe.....	389.06	77.39
23 21 13 23-1456 Schedule 40 Galvanized Grooved Pipe (23 21 13 23-1411)					
23 21	13 23-1457	LF	3/4" Galvanized Schedule 40 Grooved Pipe.....	19.41	8.23
23 21	13 23-1458	LF	1" Galvanized Schedule 40 Grooved Pipe.....	22.57	9.30
23 21	13 23-1459	LF	1-1/4" Galvanized Schedule 40 Grooved Pipe.....	25.23	10.04
23 21	13 23-1460	LF	1-1/2" Galvanized Schedule 40 Grooved Pipe.....	28.72	11.43
23 21	13 23-1461	LF	2" Galvanized Schedule 40 Grooved Pipe.....	36.29	14.54
23 21	13 23-1462	LF	2-1/2" Galvanized Schedule 40 Grooved Pipe.....	50.95	19.89
23 21	13 23-1463	LF	3" Galvanized Schedule 40 Grooved Pipe.....	60.74	22.66
23 21	13 23-1464	LF	4" Galvanized Schedule 40 Grooved Pipe.....	75.76	25.22
23 21	13 23-1465	LF	5" Galvanized Schedule 40 Grooved Pipe.....	107.74	30.67
23 21	13 23-1466	LF	6" Galvanized Schedule 40 Grooved Pipe.....	144.51	44.25
23 21	13 23-1467	LF	8" Galvanized Schedule 40 Grooved Pipe.....	194.30	50.13
23 21	13 23-1468	LF	10" Galvanized Schedule 40 Grooved Pipe.....	276.89	59.86
23 21	13 23-1469	LF	12" Galvanized Schedule 40 Grooved Pipe.....	327.61	68.73
23 21 13 23-1470 Schedule 80 Galvanized Grooved Pipe (23 21 13 23-1411)					
23 21	13 23-1471	LF	3/4" Galvanized Schedule 80 Grooved Pipe.....	20.81	8.98
23 21	13 23-1472	LF	1" Galvanized Schedule 80 Grooved Pipe.....	27.70	9.51
23 21	13 23-1473	LF	1-1/4" Galvanized Schedule 80 Grooved Pipe.....	27.76	10.58
23 21	13 23-1474	LF	1-1/2" Galvanized Schedule 80 Grooved Pipe.....	36.63	12.61
23 21	13 23-1475	LF	2" Galvanized Schedule 80 Grooved Pipe.....	41.15	15.28
23 21	13 23-1476	LF	2-1/2" Galvanized Schedule 80 Grooved Pipe.....	58.44	21.05
23 21	13 23-1477	LF	3" Galvanized Schedule 80 Grooved Pipe.....	70.73	23.62
23 21	13 23-1478	LF	4" Galvanized Schedule 80 Grooved Pipe.....	90.13	25.76
23 21	13 23-1479	LF	5" Galvanized Schedule 80 Grooved Pipe.....	137.47	32.39
23 21	13 23-1480	LF	6" Galvanized Schedule 80 Grooved Pipe.....	176.99	46.39
23 21	13 23-1481	LF	8" Galvanized Schedule 80 Grooved Pipe.....	269.14	53.02
23 21	13 23-1482	LF	10" Galvanized Schedule 80 Grooved Pipe.....	320.07	64.03
23 21	13 23-1483	LF	12" Galvanized Schedule 80 Grooved Pipe.....	349.35	77.39
23 21 13 23-1484 Painted Grooved-Joint Pipe Fittings (23 21 13 23)					
Note: Couplings are not included with fittings.					
23 21 13 23-1485 Grooved Elbows (23 21 13 23-1484)					
23 21 13 23-1486 90 Degree Grooved Elbows (23 21 13 23-1485)					
Note: Victaulic No. 10					
23 21	13 23-1487	EA	3/4", Ductile Iron, Grooved 90 Degree Elbow.....	91.56	11.66
			For Galvanized Fittings, Add	24.45	
23 21	13 23-1488	EA	1", Ductile Iron, Grooved 90 Degree Elbow.....	91.56	11.66
			For Galvanized Fittings, Add	24.45	
23 21	13 23-1489	EA	1-1/4", Ductile Iron, Grooved 90 Degree Elbow.....	95.92	14.54
			For Galvanized Fittings, Add	24.45	
23 21	13 23-1490	EA	1-1/2", Ductile Iron, Grooved 90 Degree Elbow.....	100.55	17.64
			For Galvanized Fittings, Add	24.45	
23 21	13 23-1491	EA	2", Ductile Iron, Grooved 90 Degree Elbow.....	109.03	23.30
			For Galvanized Fittings, Add	24.45	
23 21	13 23-1492	EA	2-1/2", Ductile Iron, Grooved 90 Degree Elbow.....	116.64	28.43
			For Galvanized Fittings, Add	24.45	
23 21	13 23-1493	EA	3", Ductile Iron, Grooved 90 Degree Elbow.....	183.21	34.42
			For Galvanized Fittings, Add	43.44	
23 21	13 23-1494	EA	4", Ductile Iron, Grooved 90 Degree Elbow.....	211.44	45.42
			For Galvanized Fittings, Add	47.31	
23 21	13 23-1495	EA	5", Ductile Iron, Grooved 90 Degree Elbow.....	434.08	56.75
			For Galvanized Fittings, Add	115.16	
23 21	13 23-1496	EA	6", Ductile Iron, Grooved 90 Degree Elbow.....	516.91	74.28
			For Galvanized Fittings, Add	133.84	
23 21	13 23-1497	EA	8", Ductile Iron, Grooved 90 Degree Elbow.....	986.14	88.40
			For Galvanized Fittings, Add	281.68	
23 21	13 23-1498	EA	10", Ductile Iron, Grooved 90 Degree Elbow.....	1,484.54	103.14
			For Galvanized Fittings, Add	438.87	
23 21	13 23-1499	EA	12", Ductile Iron, Grooved 90 Degree Elbow.....	2,317.18	123.77
			For Galvanized Fittings, Add	703.43	
23 21	13 23-1500	EA	14", Steel, Grooved 90 Degree Elbow.....	4,642.49	139.70
			For Galvanized Fittings, Add	1,462.89	
23 21	13 23-1501	EA	16", Steel, Grooved 90 Degree Elbow.....	6,032.55	154.66
			For Galvanized Fittings, Add	1,914.20	
23 21	13 23-1502	EA	18", Steel, Grooved 90 Degree Elbow.....	7,610.19	168.98
			For Galvanized Fittings, Add	2,427.77	
23 21	13 23-1503	EA	20", Steel, Grooved 90 Degree Elbow.....	9,931.21	175.72
			For Galvanized Fittings, Add	3,190.34	
23 21	13 23-1504	EA	24", Steel, Grooved 90 Degree Elbow.....	14,223.48	207.79
			For Galvanized Fittings, Add	4,590.97	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13	23-1505		45 Degree Grooved Elbows (23 21 13 23-1485) Note: Victaulic No. 11		
23 21 13 23-1506	EA		3/4", Ductile Iron, Grooved 45 Degree Elbow .....91.51	91.51	11.66
			<i>For Galvanized Fittings, Add</i> .....17.77		
23 21 13 23-1507	EA		1", Ductile Iron, Grooved 45 Degree Elbow .....91.51	91.51	11.66
			<i>For Galvanized Fittings, Add</i> .....17.77		
23 21 13 23-1508	EA		1-1/4", Ductile Iron, Grooved 45 Degree Elbow .....95.87	95.87	14.54
			<i>For Galvanized Fittings, Add</i> .....17.77		
23 21 13 23-1509	EA		1-1/2", Ductile Iron, Grooved 45 Degree Elbow .....100.50	100.50	17.64
			<i>For Galvanized Fittings, Add</i> .....17.77		
23 21 13 23-1510	EA		2", Ductile Iron, Grooved 45 Degree Elbow .....108.98	108.98	23.30
			<i>For Galvanized Fittings, Add</i> .....17.77		
23 21 13 23-1511	EA		2-1/2", Ductile Iron, Grooved 45 Degree Elbow .....116.59	116.59	28.43
			<i>For Galvanized Fittings, Add</i> .....17.77		
23 21 13 23-1512	EA		3", Ductile Iron, Grooved 45 Degree Elbow .....183.16	183.16	34.42
			<i>For Galvanized Fittings, Add</i> .....31.58		
23 21 13 23-1513	EA		4", Ductile Iron, Grooved 45 Degree Elbow .....211.44	211.44	45.42
			<i>For Galvanized Fittings, Add</i> .....34.41		
23 21 13 23-1514	EA		5", Ductile Iron, Grooved 45 Degree Elbow .....434.08	434.08	56.75
			<i>For Galvanized Fittings, Add</i> .....83.76		
23 21 13 23-1515	EA		6", Ductile Iron, Grooved 45 Degree Elbow .....516.91	516.91	74.28
			<i>For Galvanized Fittings, Add</i> .....97.34		
23 21 13 23-1516	EA		8", Ductile Iron, Grooved 45 Degree Elbow .....986.14	986.14	88.40
			<i>For Galvanized Fittings, Add</i> .....204.86		
23 21 13 23-1517	EA		10", Ductile Iron, Grooved 45 Degree Elbow .....1,484.54	1,484.54	103.14
			<i>For Galvanized Fittings, Add</i> .....319.18		
23 21 13 23-1518	EA		12", Ductile Iron, Grooved 45 Degree Elbow .....2,317.18	2,317.18	123.77
			<i>For Galvanized Fittings, Add</i> .....511.59		
23 21 13 23-1519	EA		14", Steel, Grooved 45 Degree Elbow .....4,642.49	4,642.49	139.70
			<i>For Galvanized Fittings, Add</i> .....1,063.92		
23 21 13 23-1520	EA		16", Steel, Grooved 45 Degree Elbow .....6,032.55	6,032.55	154.66
			<i>For Galvanized Fittings, Add</i> .....1,392.15		
23 21 13 23-1521	EA		18", Steel, Grooved 45 Degree Elbow .....7,610.19	7,610.19	168.98
			<i>For Galvanized Fittings, Add</i> .....1,765.65		
23 21 13 23-1522	EA		20", Steel, Grooved 45 Degree Elbow .....9,931.69	9,931.69	176.05
			<i>For Galvanized Fittings, Add</i> .....2,320.25		
23 21 13 23-1523	EA		24", Steel, Grooved 45 Degree Elbow .....14,223.48	14,223.48	207.79
			<i>For Galvanized Fittings, Add</i> .....3,338.89		
23 21 13	23-1524		22-1/2 Degree Grooved Elbows (23 21 13 23-1485) Note: Victaulic No. 12		
23 21 13 23-1525	EA		1", Ductile Iron, Grooved 22-1/2 Degree Elbow .....96.39	96.39	11.66
			<i>For Galvanized Fittings, Add</i> .....18.94		
23 21 13 23-1526	EA		1-1/4", Ductile Iron, Grooved 22-1/2 Degree Elbow .....100.75	100.75	14.54
			<i>For Galvanized Fittings, Add</i> .....18.94		
23 21 13 23-1527	EA		1-1/2", Ductile Iron, Grooved 22-1/2 Degree Elbow .....105.38	105.38	17.64
			<i>For Galvanized Fittings, Add</i> .....18.94		
23 21 13 23-1528	EA		2", Ductile Iron, Grooved 22-1/2 Degree Elbow .....113.86	113.86	23.30
			<i>For Galvanized Fittings, Add</i> .....18.94		
23 21 13 23-1529	EA		2-1/2", Ductile Iron, Grooved 22-1/2 Degree Elbow .....121.47	121.47	28.43
			<i>For Galvanized Fittings, Add</i> .....18.94		
23 21 13 23-1530	EA		3", Ductile Iron, Grooved 22-1/2 Degree Elbow .....167.01	167.01	34.42
			<i>For Galvanized Fittings, Add</i> .....27.70		
23 21 13 23-1531	EA		4", Ductile Iron, Grooved 22-1/2 Degree Elbow .....222.85	222.85	45.42
			<i>For Galvanized Fittings, Add</i> .....37.14		
23 21 13 23-1532	EA		5", Ductile Iron, Grooved 22-1/2 Degree Elbow .....565.06	565.06	56.75
			<i>For Galvanized Fittings, Add</i> .....115.19		
23 21 13 23-1533	EA		6", Ductile Iron, Grooved 22-1/2 Degree Elbow .....549.80	549.80	74.28
			<i>For Galvanized Fittings, Add</i> .....105.23		
23 21 13 23-1534	EA		8", Ductile Iron, Grooved 22-1/2 Degree Elbow .....1,049.95	1,049.95	88.40
			<i>For Galvanized Fittings, Add</i> .....220.18		
23 21 13 23-1535	EA		10", Steel, Grooved 22-1/2 Degree Elbow .....1,414.12	1,414.12	103.14
			<i>For Galvanized Fittings, Add</i> .....302.28		
23 21 13 23-1536	EA		12", Steel, Grooved 22-1/2 Degree Elbow .....1,888.27	1,888.27	123.77
			<i>For Galvanized Fittings, Add</i> .....408.65		
23 21 13 23-1537	EA		14", Steel, Grooved 22-1/2 Degree Elbow .....2,176.16	2,176.16	139.70
			<i>For Galvanized Fittings, Add</i> .....472.00		
23 21 13 23-1538	EA		16", Steel, Grooved 22-1/2 Degree Elbow .....2,590.68	2,590.68	154.66
			<i>For Galvanized Fittings, Add</i> .....566.10		
23 21 13 23-1539	EA		18", Steel, Grooved 22-1/2 Degree Elbow .....3,109.93	3,109.93	168.98
			<i>For Galvanized Fittings, Add</i> .....685.59		
23 21 13 23-1540	EA		20", Steel, Grooved 22-1/2 Degree Elbow .....3,640.80	3,640.80	175.72
			<i>For Galvanized Fittings, Add</i> .....810.55		
23 21 13 23-1541	EA		24", Steel, Grooved 22-1/2 Degree Elbow .....4,849.78	4,849.78	207.79
			<i>For Galvanized Fittings, Add</i> .....1,089.20		
23 21 13	23-1542		11-1/4 Degree Grooved Elbows (23 21 13 23-1485) Note: Victaulic No. 13		
23 21 13 23-1543	EA		1", Ductile Iron, Grooved 11-1/4 Degree Elbow .....96.39	96.39	11.66
			<i>For Galvanized Fittings, Add</i> .....18.94		
23 21 13 23-1544	EA		1-1/4", Ductile Iron, Grooved 11-1/4 Degree Elbow .....100.75	100.75	14.54
			<i>For Galvanized Fittings, Add</i> .....18.94		
23 21 13 23-1545	EA		1-1/2", Ductile Iron, Grooved 11-1/4 Degree Elbow .....105.38	105.38	17.64
			<i>For Galvanized Fittings, Add</i> .....18.94		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1546	EA	2", Ductile Iron, Grooved 11-1/4 Degree Elbow <i>For Galvanized Fittings, Add</i>	113.86 18.94	23.30
23 21	13 23-1547	EA	2-1/2", Ductile Iron, Grooved 11-1/4 Degree Elbow <i>For Galvanized Fittings, Add</i>	121.47 18.94	28.43
23 21	13 23-1548	EA	3", Ductile Iron, Grooved 11-1/4 Degree Elbow <i>For Galvanized Fittings, Add</i>	167.00 27.70	34.42
23 21	13 23-1549	EA	4", Ductile Iron, Grooved 11-1/4 Degree Elbow <i>For Galvanized Fittings, Add</i>	222.84 37.14	45.42
23 21	13 23-1550	EA	5", Ductile Iron, Grooved 11-1/4 Degree Elbow <i>For Galvanized Fittings, Add</i>	565.03 115.18	56.75
23 21	13 23-1551	EA	6", Ductile Iron, Grooved 11-1/4 Degree Elbow <i>For Galvanized Fittings, Add</i>	549.78 105.23	74.28
23 21	13 23-1552	EA	8", Ductile Iron, Grooved 11-1/4 Degree Elbow <i>For Galvanized Fittings, Add</i>	1,049.89 220.16	88.40
23 21	13 23-1553	EA	10", Steel, Grooved 11-1/4 Degree Elbow <i>For Galvanized Fittings, Add</i>	1,414.05 302.26	103.14
23 21	13 23-1554	EA	12", Steel, Grooved 11-1/4 Degree Elbow <i>For Galvanized Fittings, Add</i>	1,888.18 408.63	123.77
23 21	13 23-1555	EA	14", Steel, Grooved 11-1/4 Degree Elbow <i>For Galvanized Fittings, Add</i>	2,176.06 471.97	139.70
23 21	13 23-1556	EA	16", Steel, Grooved 11-1/4 Degree Elbow <i>For Galvanized Fittings, Add</i>	2,590.58 566.07	154.77
23 21	13 23-1557	EA	18", Steel, Grooved 11-1/4 Degree Elbow <i>For Galvanized Fittings, Add</i>	3,109.75 685.55	168.98
23 21	13 23-1558	EA	20", Steel, Grooved 11-1/4 Degree Elbow <i>For Galvanized Fittings, Add</i>	3,640.61 810.50	175.72
23 21	13 23-1559	EA	24", Steel, Grooved 11-1/4 Degree Elbow <i>For Galvanized Fittings, Add</i>	4,849.53 1,089.14	207.79
23 21 13 23-1560 90 Degree Grooved Long Radius Elbows (23 21 13 23-1485)					
Note: Victaulic No. 100					
23 21	13 23-1561	EA	2", Ductile Iron, Grooved 90 Degree Long Radius Elbow <i>For Galvanized Fittings, Add</i>	204.33 40.65	23.30
23 21	13 23-1562	EA	2-1/2", Ductile Iron, Grooved 90 Degree Long Radius Elbow <i>For Galvanized Fittings, Add</i>	534.06 117.96	28.43
23 21	13 23-1563	EA	3", Ductile Iron, Grooved 90 Degree Long Radius Elbow <i>For Galvanized Fittings, Add</i>	220.97 40.65	34.42
23 21	13 23-1564	EA	4", Ductile Iron, Grooved 90 Degree Long Radius Elbow <i>For Galvanized Fittings, Add</i>	321.83 60.90	45.42
23 21	13 23-1565	EA	5", Ductile Iron, Grooved 90 Degree Long Radius Elbow <i>For Galvanized Fittings, Add</i>	1,385.71 312.15	56.75
23 21	13 23-1566	EA	6", Ductile Iron, Grooved 90 Degree Long Radius Elbow <i>For Galvanized Fittings, Add</i>	853.65 178.15	74.28
23 21	13 23-1567	EA	8", Ductile Iron, Grooved, 90 Degree Long Radius Elbow <i>For Galvanized Fittings, Add</i>	1,913.10 427.33	88.40
23 21	13 23-1568	EA	10", Ductile Iron, Grooved 90 Degree Long Radius Elbow <i>For Galvanized Fittings, Add</i>	3,846.48 886.04	103.14
23 21	13 23-1569	EA	12", Ductile Iron, Grooved 90 Degree Long Radius Elbow <i>For Galvanized Fittings, Add</i>	4,588.09 1,056.60	123.77
23 21 13 23-1570 Grooved Tees, Wyes And Crosses (23 21 13 23-1484)					
23 21 13 23-1571 Grooved Tees (23 21 13 23-1570)					
Note: Victaulic No. 20					
23 21	13 23-1572	EA	3/4", Ductile Iron, Grooved Tee <i>For Galvanized Fittings, Add</i>	136.20 33.97	15.28
23 21	13 23-1573	EA	1", Ductile Iron, Grooved Tee <i>For Galvanized Fittings, Add</i>	139.68 33.97	17.64
23 21	13 23-1574	EA	1-1/4", Ductile Iron, Grooved Tee <i>For Galvanized Fittings, Add</i>	145.57 33.97	21.59
23 21	13 23-1575	EA	1-1/2", Ductile Iron, Grooved Tee <i>For Galvanized Fittings, Add</i>	152.91 33.97	26.50
23 21	13 23-1576	EA	2", Ductile Iron, Grooved Tee <i>For Galvanized Fittings, Add</i>	164.59 33.97	34.31
23 21	13 23-1577	EA	2-1/2", Ductile Iron, Grooved Tee <i>For Galvanized Fittings, Add</i>	176.26 33.97	42.01
23 21	13 23-1578	EA	3", Ductile Iron, Grooved Tee <i>For Galvanized Fittings, Add</i>	235.96 47.58	51.63
23 21	13 23-1579	EA	4", Ductile Iron, Grooved Tee <i>For Galvanized Fittings, Add</i>	343.40 72.98	66.81
23 21	13 23-1580	EA	5", Ductile Iron, Grooved Tee <i>For Galvanized Fittings, Add</i>	701.71 171.23	87.33
23 21	13 23-1581	EA	6", Ductile Iron, Grooved Tee <i>For Galvanized Fittings, Add</i>	823.41 197.90	109.24
23 21	13 23-1582	EA	8", Ductile Iron, Grooved Tee <i>For Galvanized Fittings, Add</i>	1,639.81 432.30	132.65
23 21	13 23-1583	EA	10", Ductile Iron, Grooved Tee <i>For Galvanized Fittings, Add</i>	2,805.14 771.96	154.66
23 21	13 23-1584	EA	12", Ductile Iron, Grooved Tee <i>For Galvanized Fittings, Add</i>	3,880.82 1,080.74	185.67
23 21	13 23-1585	EA	14", Steel, Grooved Tee <i>For Galvanized Fittings, Add</i>	4,239.25 1,178.99	206.29
23 21	13 23-1586	EA	16", Steel, Grooved Tee <i>For Galvanized Fittings, Add</i>	5,317.07 1,501.81	207.46
23 21	13 23-1587	EA	18", Steel, Grooved Tee <i>For Galvanized Fittings, Add</i>	6,612.30 1,880.77	228.84

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 13 23-1588	EA	20", Steel, Grooved Tee	9,331.26	232.48
		<i>For Galvanized Fittings, Add</i>	2,694.83	
23 21 13 23-1589	EA	24", Steel, Grooved Tee	14,229.89	285.60
		<i>For Galvanized Fittings, Add</i>	4,140.50	
23 21 13 23-1590 Grooved Wyes (90 Degree True Wye) (23 21 13 23-1570)				
Note: Victaulic No. 33				
23 21 13 23-1591	EA	1", Steel, Grooved Wye	504.17	17.64
		<i>For Galvanized Fittings, Add</i>	76.43	
23 21 13 23-1592	EA	1-1/4", Steel, Grooved Wye	510.06	21.59
		<i>For Galvanized Fittings, Add</i>	76.43	
23 21 13 23-1593	EA	1-1/2", Steel, Grooved Wye	517.40	26.50
		<i>For Galvanized Fittings, Add</i>	76.43	
23 21 13 23-1594	EA	2", Steel, Grooved Wye	529.08	34.31
		<i>For Galvanized Fittings, Add</i>	76.43	
23 21 13 23-1595	EA	2-1/2", Steel, Grooved Wye	540.75	42.01
		<i>For Galvanized Fittings, Add</i>	76.43	
23 21 13 23-1596	EA	3", Steel, Grooved Wye	648.39	51.63
		<i>For Galvanized Fittings, Add</i>	91.36	
23 21 13 23-1597	EA	4", Steel, Grooved Wye	848.06	66.81
		<i>For Galvanized Fittings, Add</i>	119.67	
23 21 13 23-1598	EA	5", Steel, Grooved Wye	1,203.00	87.33
		<i>For Galvanized Fittings, Add</i>	171.53	
23 21 13 23-1599	EA	6", Steel, Grooved Wye	1,490.20	109.24
		<i>For Galvanized Fittings, Add</i>	212.23	
23 21 13 23-1600	EA	8", Steel, Grooved Wye	2,109.28	132.65
		<i>For Galvanized Fittings, Add</i>	305.67	
23 21 13 23-1601	EA	10", Steel, Grooved Wye	3,529.38	154.66
		<i>For Galvanized Fittings, Add</i>	527.59	
23 21 13 23-1602	EA	12", Steel, Grooved Wye	3,921.24	185.67
		<i>For Galvanized Fittings, Add</i>	582.86	
23 21 13 23-1603	EA	14", Steel, Grooved Wye	4,469.06	206.29
		<i>For Galvanized Fittings, Add</i>	665.56	
23 21 13 23-1604	EA	16", Steel, Grooved Wye	5,713.74	207.25
		<i>For Galvanized Fittings, Add</i>	864.48	
23 21 13 23-1605	EA	18", Steel, Grooved Wye	6,523.87	229.05
		<i>For Galvanized Fittings, Add</i>	988.86	
23 21 13 23-1606	EA	20", Steel, Grooved Wye	9,311.63	232.05
		<i>For Galvanized Fittings, Add</i>	1,434.19	
23 21 13 23-1607	EA	24", Steel, Grooved Wye	14,364.26	285.60
		<i>For Galvanized Fittings, Add</i>	2,229.76	
23 21 13 23-1608 Grooved Crosses (23 21 13 23-1570)				
Note: Victaulic No. 35				
23 21 13 23-1609	EA	3/4", Steel, Grooved Cross	343.75	22.98
		<i>For Galvanized Fittings, Add</i>	46.39	
23 21 13 23-1610	EA	1", Steel, Grooved Cross	348.97	26.50
		<i>For Galvanized Fittings, Add</i>	46.39	
23 21 13 23-1611	EA	1-1/4", Steel, Grooved Cross	421.79	32.39
		<i>For Galvanized Fittings, Add</i>	55.99	
23 21 13 23-1612	EA	1-1/2", Steel, Grooved Cross	461.77	39.76
		<i>For Galvanized Fittings, Add</i>	60.33	
23 21 13 23-1613	EA	2", Steel, Grooved Cross	304.36	51.42
		<i>For Galvanized Fittings, Add</i>	34.10	
23 21 13 23-1614	EA	2-1/2", Steel, Grooved Cross	321.87	63.06
		<i>For Galvanized Fittings, Add</i>	34.10	
23 21 13 23-1615	EA	3", Steel, Grooved Cross	524.52	77.39
		<i>For Galvanized Fittings, Add</i>	61.27	
23 21 13 23-1616	EA	4", Steel, Grooved Cross	830.13	100.15
		<i>For Galvanized Fittings, Add</i>	101.99	
23 21 13 23-1617	EA	5", Steel, Grooved Cross	1,585.47	130.94
		<i>For Galvanized Fittings, Add</i>	208.36	
23 21 13 23-1618	EA	6", Steel, Grooved Cross	2,032.80	163.86
		<i>For Galvanized Fittings, Add</i>	268.08	
23 21 13 23-1619	EA	8", Steel, Grooved Cross	2,651.97	198.91
		<i>For Galvanized Fittings, Add</i>	353.06	
23 21 13 23-1620	EA	10", Steel, Grooved Cross	4,362.37	232.05
		<i>For Galvanized Fittings, Add</i>	602.16	
23 21 13 23-1621	EA	12", Steel, Grooved Cross	6,210.67	278.54
		<i>For Galvanized Fittings, Add</i>	868.97	
23 21 13 23-1622	EA	14", Steel, Grooved Cross	6,465.91	309.44
		<i>For Galvanized Fittings, Add</i>	900.30	
23 21 13 23-1623	EA	16", Steel, Grooved Cross	8,318.16	311.25
		<i>For Galvanized Fittings, Add</i>	1,177.74	
23 21 13 23-1624	EA	18", Steel, Grooved Cross	10,138.74	343.22
		<i>For Galvanized Fittings, Add</i>	1,443.63	
23 21 13 23-1625	EA	20", Steel, Grooved Cross	14,157.36	348.56
		<i>For Galvanized Fittings, Add</i>	2,045.21	
23 21 13 23-1626	EA	24", Steel, Grooved Cross	21,691.36	428.40
		<i>For Galvanized Fittings, Add</i>	3,157.35	
23 21 13 23-1627 Grooved Reducing Tees (23 21 13 23-1570)				
Note: Victaulic No. 25				
23 21 13 23-1628	EA	1", Steel, Grooved Reducing Tee	244.92	17.64
		<i>For Galvanized Fittings, Add</i>	43.69	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1629	EA	1-1/4", Steel, Grooved Reducing Tee <i>For Galvanized Fittings, Add</i>	257.67 45.06	21.59
23 21	13 23-1630	EA	1-1/2", Steel, Grooved Reducing Tee <i>For Galvanized Fittings, Add</i>	270.62 46.19	26.50
23 21	13 23-1631	EA	2", Steel, Grooved Reducing Tee <i>For Galvanized Fittings, Add</i>	321.73 54.07	34.31
23 21	13 23-1632	EA	2-1/2", Steel, Grooved Reducing Tee <i>For Galvanized Fittings, Add</i>	361.22 59.64	42.01
23 21	13 23-1633	EA	3", Steel, Grooved Reducing Tee <i>For Galvanized Fittings, Add</i>	403.73 65.27	51.63
23 21	13 23-1634	EA	4", Steel, Grooved Reducing Tee <i>For Galvanized Fittings, Add</i>	540.28 88.03	66.81
23 21	13 23-1635	EA	5", Steel, Grooved Reducing Tee <i>For Galvanized Fittings, Add</i>	712.13 116.24	87.33
23 21	13 23-1636	EA	6", Steel, Grooved Reducing Tee <i>For Galvanized Fittings, Add</i>	981.34 163.52	109.24
23 21	13 23-1637	EA	8", Steel, Grooved Reducing Tee <i>For Galvanized Fittings, Add</i>	1,547.86 269.81	132.65
23 21	13 23-1638	EA	10", Steel, Grooved Reducing Tee <i>For Galvanized Fittings, Add</i>	2,220.71 397.75	154.66
23 21	13 23-1639	EA	12", Steel, Grooved Reducing Tee <i>For Galvanized Fittings, Add</i>	3,212.10 586.75	185.67
23 21	13 23-1640	EA	14", Steel, Grooved Reducing Tee <i>For Galvanized Fittings, Add</i>	3,641.39 666.42	206.29
23 21	13 23-1641	EA	16", Steel, Grooved Reducing Tee <i>For Galvanized Fittings, Add</i>	4,639.41 865.67	207.46
23 21	13 23-1642	EA	18", Steel, Grooved Reducing Tee <i>For Galvanized Fittings, Add</i>	5,641.99 1,059.79	228.84
23 21	13 23-1643	EA	20", Steel, Grooved Reducing Tee <i>For Galvanized Fittings, Add</i>	7,926.86 1,515.69	232.37
23 21	13 23-1644	EA	24", Steel, Grooved Reducing Tee <i>For Galvanized Fittings, Add</i>	12,635.58 2,441.47	285.60
23 21 13 23-1645 Grooved 45 Degree Lateral Wyes (23 21 13 23-1570)					
Note: Victaulic No. 30					
23 21	13 23-1646	EA	3/4", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	475.37 81.43	15.28
23 21	13 23-1647	EA	1", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	478.85 81.43	17.64
23 21	13 23-1648	EA	1-1/4", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	484.74 81.43	21.59
23 21	13 23-1649	EA	1-1/2", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	492.08 81.43	26.50
23 21	13 23-1650	EA	2", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	503.76 81.43	34.31
23 21	13 23-1651	EA	2-1/2", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	515.43 81.43	42.01
23 21	13 23-1652	EA	3", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	468.19 70.35	51.63
23 21	13 23-1653	EA	3-1/2", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	751.34 119.19	59.53
23 21	13 23-1654	EA	4", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	870.89 138.74	66.81
23 21	13 23-1655	EA	5", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	1,257.38 202.76	87.33
23 21	13 23-1656	EA	6", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	1,978.65 326.68	109.24
23 21	13 23-1657	EA	8", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	2,812.96 470.55	132.65
23 21	13 23-1658	EA	10", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	3,921.75 664.16	154.66
23 21	13 23-1659	EA	12", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	4,739.48 803.00	185.67
23 21	13 23-1660	EA	14", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	6,820.59 1,172.04	206.29
23 21	13 23-1661	EA	16", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	8,445.46 1,464.19	207.46
23 21	13 23-1662	EA	18", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	9,436.27 1,636.79	228.84
23 21	13 23-1663	EA	20", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	14,141.33 2,482.73	232.37
23 21	13 23-1664	EA	24", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	21,861.42 3,857.97	285.60
23 21 13 23-1665 Grooved 45 Degree Lateral Reducing Wyes (23 21 13 23-1570)					
Note: Victaulic No. 30R					
23 21	13 23-1666	EA	3", Steel, Grooved 45 Degree Lateral Reducing Wye <i>For Galvanized Fittings, Add</i>	468.19 50.81	51.63
23 21	13 23-1667	EA	4", Steel, Grooved 45 Degree Lateral Reducing Wye <i>For Galvanized Fittings, Add</i>	870.89 100.20	66.81
23 21	13 23-1668	EA	5", Steel, Grooved 45 Degree Lateral Reducing Wye <i>For Galvanized Fittings, Add</i>	1,257.38 146.44	87.33
23 21	13 23-1669	EA	6", Steel, Grooved 45 Degree Lateral Reducing Wye <i>For Galvanized Fittings, Add</i>	1,619.11 189.20	109.24
23 21	13 23-1670	EA	8", Steel, Grooved 45 Degree Lateral Reducing Wye <i>For Galvanized Fittings, Add</i>	2,299.79 273.13	132.65

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 13 23-1671	EA 10", Steel, Grooved 45 Degree Lateral Reducing Wye.....	2,805.04	154.66
	<i>For Galvanized Fittings, Add</i>	334.50	
23 21 13 23-1672	EA 12", Steel, Grooved 45 Degree Lateral Reducing Wye.....	3,405.29	185.67
	<i>For Galvanized Fittings, Add</i>	406.50	
23 21 13 23-1673	EA 14", Steel, Grooved 45 Degree Lateral Reducing Wye.....	3,812.24	206.29
	<i>For Galvanized Fittings, Add</i>	455.38	
23 21 13 23-1674	EA 16", Steel, Grooved 45 Degree Lateral Reducing Wye.....	4,838.97	207.46
	<i>For Galvanized Fittings, Add</i>	588.63	
23 21 13 23-1675	EA 18", Steel, Grooved 45 Degree Lateral Reducing Wye.....	7,295.61	228.84
	<i>For Galvanized Fittings, Add</i>	903.84	
23 21 13 23-1676	EA 20", Steel, Grooved 45 Degree Lateral Reducing Wye.....	10,525.16	232.37
	<i>For Galvanized Fittings, Add</i>	1,322.98	
23 21 13 23-1677	EA 24", Steel, Grooved 45 Degree Lateral Reducing Wye.....	16,904.81	285.60
	<i>For Galvanized Fittings, Add</i>	2,141.96	

23 21 13 23-1678 Mechanical-T Outlet (23 21 13 23-1570)

Note: Includes making opening in pipe. Grooved or treaded branch outlets. Victaulic Styles 920 or 921.

23 21 13 23-1679	EA 2" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet.....	152.19	38.48
	<i>For Galvanized Fittings, Add</i>	18.66	
23 21 13 23-1680	EA 2" x 1" Mechanical-T Outlet With Threaded Branch Outlet.....	152.19	38.48
	<i>For Galvanized Fittings, Add</i>	18.66	
23 21 13 23-1681	EA 2" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet.....	163.94	38.48
	<i>For Galvanized Fittings, Add</i>	21.57	
23 21 13 23-1682	EA 2" x 1-1/2" Mechanical-T Outlet With Threaded Branch Outlet.....	163.94	38.48
23 21 13 23-1683	EA 2-1/2" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet.....	161.81	43.29
23 21 13 23-1684	EA 2-1/2" x 1" Mechanical-T Outlet With Threaded Branch Outlet.....	161.81	43.29
23 21 13 23-1685	EA 2-1/2" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet.....	192.82	43.29
23 21 13 23-1686	EA 3" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet.....	182.83	48.10
23 21 13 23-1687	EA 3" x 1" Mechanical-T Outlet With Threaded Branch Outlet.....	182.83	48.10
23 21 13 23-1688	EA 3" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet.....	207.80	48.10
23 21 13 23-1689	EA 3" x 1-1/2" Mechanical-T Outlet With Threaded Branch Outlet.....	207.80	48.10
23 21 13 23-1690	EA 3" x 2" Mechanical-T Outlet With Threaded Branch Outlet.....	224.90	48.10
23 21 13 23-1691	EA 4" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet.....	238.73	64.13
23 21 13 23-1692	EA 4" x 1" Mechanical-T Outlet With Threaded Branch Outlet.....	238.73	64.13
23 21 13 23-1693	EA 4" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet.....	258.22	64.13
23 21 13 23-1694	EA 4" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	263.69	64.13
23 21 13 23-1695	EA 4" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	263.69	64.13
23 21 13 23-1696	EA 4" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	269.16	64.13
23 21 13 23-1697	EA 4" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	279.65	64.13
23 21 13 23-1698	EA 5" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	342.67	88.18
23 21 13 23-1699	EA 5" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	342.67	88.18
23 21 13 23-1700	EA 5" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	352.14	88.18
23 21 13 23-1701	EA 5" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	363.99	88.18
23 21 13 23-1702	EA 6" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	394.65	112.23
23 21 13 23-1703	EA 6" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	394.65	112.23
23 21 13 23-1704	EA 6" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	408.56	112.23
23 21 13 23-1705	EA 6" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	420.30	112.23
23 21 13 23-1706	EA 6" x 4" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	441.16	112.23
23 21 13 23-1707	EA 8" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	598.31	148.57
23 21 13 23-1708	EA 8" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	598.31	148.57
23 21 13 23-1709	EA 8" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	615.06	148.57
23 21 13 23-1710	EA 8" x 4" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	624.98	148.57

23 21 13 23-1711 Installation-Ready™ Grooved Fittings (23 21 13 23-1484)**23 21 13 23-1712 Installation-Ready™ 90 Degree Grooved Elbows** (23 21 13 23-1711)

Note: Victaulic No. 101

23 21 13 23-1713	EA 1-1/4" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow.....	254.19	10.58
	<i>For Galvanized Fittings, Add</i>	78.59	
	<i>For Galvanized Fittings, Add</i>	60.97	
23 21 13 23-1714	EA 1-1/2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow.....	264.40	12.70
	<i>For Galvanized Fittings, Add</i>	80.90	
	<i>For Galvanized Fittings, Add</i>	62.76	
23 21 13 23-1715	EA 2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow.....	272.57	16.93
	<i>For Galvanized Fittings, Add</i>	81.48	
	<i>For Galvanized Fittings, Add</i>	63.21	
23 21 13 23-1716	EA 2-1/2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow.....	329.75	21.16
	<i>For Galvanized Fittings, Add</i>	98.24	
	<i>For Galvanized Fittings, Add</i>	76.21	

23 21 13 23-1717 Installation-Ready™ 45 Degree Grooved Elbows (23 21 13 23-1711)

Note: Victaulic No. 103

23 21 13 23-1718	EA 1-1/4" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow.....	254.19	10.58
	<i>For Galvanized Fittings, Add</i>	57.16	
	<i>For Galvanized Fittings, Add</i>	60.97	
23 21 13 23-1719	EA 1-1/2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow.....	264.40	12.70
	<i>For Galvanized Fittings, Add</i>	58.84	
	<i>For Galvanized Fittings, Add</i>	62.76	
23 21 13 23-1720	EA 2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow.....	272.57	16.93
	<i>For Galvanized Fittings, Add</i>	59.26	
	<i>For Galvanized Fittings, Add</i>	63.21	
23 21 13 23-1721	EA 2-1/2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow.....	329.75	21.16
	<i>For Galvanized Fittings, Add</i>	71.45	
	<i>For Galvanized Fittings, Add</i>	76.21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 21 13 23-1722 Installation-Ready™ Grooved Tees (23 21 13 23-1711)

Note: Victaulic No. 102

23 21 13 23-1723	EA		1-1/4" Ductile Iron, Grooved, Installation-Ready™ Tee	389.12	14.11
			For Galvanized Fittings, Add	110.32	
			For Galvanized Fittings, Add	94.14	
23 21 13 23-1724	EA		1-1/2" Ductile Iron, Grooved, Installation-Ready™ Tee	405.66	16.93
			For Galvanized Fittings, Add	114.00	
			For Galvanized Fittings, Add	97.28	
23 21 13 23-1725	EA		2" Ductile Iron, Grooved, Installation-Ready™ Tee	419.45	22.57
			For Galvanized Fittings, Add	115.58	
			For Galvanized Fittings, Add	98.62	
23 21 13 23-1726	EA		2-1/2" Ductile Iron, Grooved, Installation-Ready™ Tee	487.54	28.22
			For Galvanized Fittings, Add	133.44	
			For Galvanized Fittings, Add	113.87	

23 21 13 23-1727 Grooved Fittings (23 21 13 23-1484)
23 21 13 23-1728 Flanged Adapter Nipple, Grooved (23 21 13 23-1727)

Note: Victaulic No. 41 and 45

23 21 13 23-1729	EA		1" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	337.62	12.82
			For Galvanized Fittings, Add	57.31	
			For 300 LB Rating, Add	47.76	
23 21 13 23-1730	EA		1-1/4" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	339.76	14.21
			For Galvanized Fittings, Add	57.31	
			For 300 LB Rating, Add	47.76	
23 21 13 23-1731	EA		1-1/2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	345.11	17.85
			For Galvanized Fittings, Add	57.31	
			For 300 LB Rating, Add	47.76	
23 21 13 23-1732	EA		2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	356.35	25.33
			For Galvanized Fittings, Add	57.31	
			For 300 LB Rating, Add	47.76	
23 21 13 23-1733	EA		2-1/2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	364.38	30.67
			For Galvanized Fittings, Add	57.31	
			For 300 LB Rating, Add	47.76	
23 21 13 23-1734	EA		3" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	462.28	36.66
			For Galvanized Fittings, Add	73.33	
			For 300 LB Rating, Add	61.11	
23 21 13 23-1735	EA		4" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	559.84	49.38
			For Galvanized Fittings, Add	87.45	
			For 300 LB Rating, Add	72.88	
23 21 13 23-1736	EA		5" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	783.82	59.75
			For Galvanized Fittings, Add	124.96	
			For 300 LB Rating, Add	104.14	
23 21 13 23-1737	EA		6" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	913.11	80.70
			For Galvanized Fittings, Add	142.58	
			For 300 LB Rating, Add	118.81	
23 21 13 23-1738	EA		8" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	1,257.08	109.24
			For Galvanized Fittings, Add	196.80	
			For 300 LB Rating, Add	164.00	
23 21 13 23-1739	EA		10" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	1,983.00	132.65
			For Galvanized Fittings, Add	321.15	
			For 300 LB Rating, Add	267.63	
23 21 13 23-1740	EA		12" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	2,671.48	154.66
			For Galvanized Fittings, Add	439.12	
			For 300 LB Rating, Add	365.93	
23 21 13 23-1741	EA		14" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	3,155.22	185.67
			For Galvanized Fittings, Add	517.84	
			For 300 LB Rating, Add	431.53	
23 21 13 23-1742	EA		16" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	4,739.71	206.29
			For Galvanized Fittings, Add	797.48	
			For 300 LB Rating, Add	664.56	
23 21 13 23-1743	EA		18" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	5,667.82	309.44
			For Galvanized Fittings, Add	936.70	
			For 300 LB Rating, Add	780.59	
23 21 13 23-1744	EA		20" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	5,980.85	371.32
			For Galvanized Fittings, Add	976.35	
			For 300 LB Rating, Add	813.62	
23 21 13 23-1745	EA		24" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	9,975.90	412.58
			For Galvanized Fittings, Add	1,684.32	
			For 300 LB Rating, Add	1,403.60	

23 21 13 23-1746 Grooved Concentric Reducers (23 21 13 23-1727)

Note: Victaulic No. 50

23 21 13 23-1747	EA		1-1/4" x 3/4", Grooved Concentric Reducer	358.82	12.82
			For Galvanized Fittings, Add	14.94	
23 21 13 23-1748	EA		1-1/4" x 1", Grooved Concentric Reducer	375.20	13.58
			For Galvanized Fittings, Add	15.62	
23 21 13 23-1749	EA		1-1/2" x 3/4", Grooved Concentric Reducer	422.72	14.65
			For Galvanized Fittings, Add	48.18	
23 21 13 23-1750	EA		1-1/2" x 1", Grooved Concentric Reducer	108.81	15.28
			For Galvanized Fittings, Add	10.32	
23 21 13 23-1751	EA		1-1/2" x 1-1/4", Grooved Concentric Reducer	356.26	16.04
			For Galvanized Fittings, Add	39.93	
23 21 13 23-1752	EA		2" x 3/4", Grooved Concentric Reducer	112.02	17.43
			For Galvanized Fittings, Add	10.32	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1753	EA	2" x 1", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	113.09 10.32	18.17
23 21	13 23-1754	EA	2" x 1-1/4", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	122.78 11.35	18.92
23 21	13 23-1755	EA	2" x 1-1/2", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	117.42 10.32	21.05
23 21	13 23-1756	EA	2-1/2" x 3/4", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	728.04 83.97	19.66
23 21	13 23-1757	EA	2-1/2" x 1", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	578.52 65.87	20.42
23 21	13 23-1758	EA	2-1/2" x 1-1/4", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	527.64 59.63	21.05
23 21	13 23-1759	EA	2-1/2" x 1-1/2", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	120.56 10.32	23.19
23 21	13 23-1760	EA	2-1/2" x 2", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	124.83 10.32	25.97
23 21	13 23-1761	EA	3" x 3/4", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	737.33 106.87	22.88
23 21	13 23-1762	EA	3" x 1", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	130.02 14.41	23.51
23 21	13 23-1763	EA	3" x 1-1/4", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	580.88 82.77	24.27
23 21	13 23-1764	EA	3" x 1-1/2", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	545.02 76.92	25.97
23 21	13 23-1765	EA	3" x 2", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	118.58 11.44	28.86
23 21	13 23-1766	EA	3" x 2-1/2", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	155.32 15.77	34.42
23 21	13 23-1767	EA	3-1/2" x 3", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	166.13 16.80	37.09
23 21	13 23-1768	EA	4" x 1", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	157.78 19.54	29.18
23 21	13 23-1769	EA	4" x 1-1/4", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	945.72 154.49	29.93
23 21	13 23-1770	EA	4" x 1-1/2", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	736.26 118.11	31.74
23 21	13 23-1771	EA	4" x 2", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	152.08 17.19	34.63
23 21	13 23-1772	EA	4" x 2-1/2", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	181.22 21.55	37.09
23 21	13 23-1773	EA	4" x 3", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	185.49 21.55	39.97
23 21	13 23-1774	EA	4" x 3-1/2", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	189.77 21.55	42.75
23 21	13 23-1775	EA	5" x 2", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	1,328.13 217.42	40.29
23 21	13 23-1776	EA	5" x 2-1/2", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	1,047.73 168.69	42.75
23 21	13 23-1777	EA	5" x 3", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	2,154.7 25.22	45.64
23 21	13 23-1778	EA	5" x 4", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	252.59 30.12	51.30
23 21	13 23-1779	EA	6" x 1", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	298.78 43.58	43.50
23 21	13 23-1780	EA	6" x 1-1/2", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	1,401.86 248.72	45.97
23 21	13 23-1781	EA	6" x 2", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	306.78 43.58	48.85
23 21	13 23-1782	EA	6" x 2-1/2", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	1,417.48 250.14	51.30
23 21	13 23-1783	EA	6" x 3", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	314.81 43.58	54.20
23 21	13 23-1784	EA	6" x 4", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	293.20 37.96	59.86
23 21	13 23-1785	EA	6" x 5", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	399.27 56.15	65.63
23 21	13 23-1786	EA	8" x 3", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	509.28 77.88	61.35
23 21	13 23-1787	EA	8" x 4", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	517.81 77.88	67.02
23 21	13 23-1788	EA	8" x 5", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	526.39 77.88	72.68
23 21	13 23-1789	EA	8" x 6", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	654.07 99.31	81.23
23 21	13 23-1790	EA	10" x 4", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	1,105.40 185.42	74.50
23 21	13 23-1791	EA	10" x 5", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	2,310.69 408.73	80.17
23 21	13 23-1792	EA	10" x 6", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	1,219.72 202.77	88.72
23 21	13 23-1793	EA	10" x 8", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	1,230.39 202.77	95.88
23 21	13 23-1794	EA	12" x 4", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	3,416.63 493.42	84.87
23 21	13 23-1795	EA	12" x 6", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	1,444.60 194.41	99.08
23 21	13 23-1796	EA	12" x 8", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	2,106.12 292.03	106.25

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1797	EA		12" x 10", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	2,117.41 292.03	113.73
23 21 13 23-1798	EA		14" x 6", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	6,765.87 202.80	106.78
23 21 13 23-1799	EA		14" x 8", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	4,048.19 119.03	113.94
23 21 13 23-1800	EA		14" x 10", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	3,455.83 100.51	121.43
23 21 13 23-1801	EA		14" x 12", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	3,471.30 100.51	131.68
23 21 13 23-1802	EA		16" x 8", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	6,156.26 183.40	121.53
23 21 13 23-1803	EA		16" x 10", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	5,716.79 169.57	129.01
23 21 13 23-1804	EA		16" x 12", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	5,290.49 156.00	139.38
23 21 13 23-1805	EA		16" x 14", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	5,302.03 156.00	147.07
23 21 13 23-1806	EA		18" x 10", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	8,003.47 239.44	136.17
23 21 13 23-1807	EA		18" x 12", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	7,251.87 215.89	146.43
23 21 13 23-1808	EA		18" x 14", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	6,597.45 195.45	154.13
23 21 13 23-1809	EA		18" x 16", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	6,608.99 195.45	161.93
23 21 13 23-1810	EA		20" x 10", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	8,806.85 263.94	139.70
23 21 13 23-1811	EA		20" x 12", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	7,554.86 225.03	150.07
23 21 13 23-1812	EA		20" x 14", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	7,566.41 225.03	157.76
23 21 13 23-1813	EA		20" x 16", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	6,750.80 199.64	165.36
23 21 13 23-1814	EA		20" x 18", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	7,193.25 212.89	172.51
23 21 13 23-1815	EA		24" x 10", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	19,391.15 588.16	155.41
23 21 13 23-1816	EA		24" x 12", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	18,944.05 573.95	165.78
23 21 13 23-1817	EA		24" x 14", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	16,514.29 499.01	173.37
23 21 13 23-1818	EA		24" x 16", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	16,525.91 499.01	181.17
23 21 13 23-1819	EA		24" x 18", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	14,156.18 425.93	188.22
23 21 13 23-1820	EA		24" x 20", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	12,932.70 388.20	191.86
23 21 13 23-1821			Grooved Eccentric Reducers <small>(23 21 13 23-1727)</small>		
			Note: Victaulic No. 51		
23 21 13 23-1822	EA		1-1/2" x 3/4", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	436.55 49.84	14.65
23 21 13 23-1823	EA		1-1/2" x 1", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	397.25 44.99	15.28
23 21 13 23-1824	EA		1-1/2" x 1-1/4", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	390.16 44.01	16.04
23 21 13 23-1825	EA		2" x 3/4", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	831.88 96.84	17.43
23 21 13 23-1826	EA		2" x 1", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	440.54 49.68	18.17
23 21 13 23-1827	EA		2" x 1-1/4", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	481.40 54.46	18.92
23 21 13 23-1828	EA		2" x 1-1/2", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	410.85 45.59	21.05
23 21 13 23-1829	EA		2-1/2" x 3/4", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	1,081.22 126.42	19.66
23 21 13 23-1830	EA		2-1/2" x 1", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	1,010.39 117.78	20.42
23 21 13 23-1831	EA		2-1/2" x 1-1/4", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	600.66 68.40	21.05
23 21 13 23-1832	EA		2-1/2" x 1-1/2", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	485.65 54.20	23.19
23 21 13 23-1833	EA		2-1/2" x 2", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	220.64 21.83	25.97
23 21 13 23-1834	EA		3" x 1", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	1,086.28 126.34	23.51
23 21 13 23-1835	EA		3" x 1-1/4", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	987.81 114.37	24.27
23 21 13 23-1836	EA		3" x 1-1/2", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	560.56 62.69	25.97
23 21 13 23-1837	EA		3" x 2", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	252.03 25.09	28.86
23 21 13 23-1838	EA		3" x 2-1/2", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	260.32 25.09	34.42
23 21 13 23-1839	EA		3-1/2" x 3", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	1,210.38 138.81	37.09

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 13 23-1840	EA	4" x 1", Grooved Eccentric Reducer.....	2,174.28	29.18
		<i>For Galvanized Fittings, Add</i>	365.37	
23 21 13 23-1841	EA	4" x 1-1/2", Grooved Eccentric Reducer.....	1,336.05	31.74
		<i>For Galvanized Fittings, Add</i>	220.97	
23 21 13 23-1842	EA	4" x 2", Grooved Eccentric Reducer.....	307.07	34.63
		<i>For Galvanized Fittings, Add</i>	43.77	
23 21 13 23-1843	EA	4" x 2-1/2", Grooved Eccentric Reducer.....	310.81	37.09
		<i>For Galvanized Fittings, Add</i>	43.77	
23 21 13 23-1844	EA	4" x 3", Grooved Eccentric Reducer.....	315.08	39.97
		<i>For Galvanized Fittings, Add</i>	43.77	
23 21 13 23-1845	EA	5" x 2", Grooved Eccentric Reducer.....	1,481.19	40.29
		<i>For Galvanized Fittings, Add</i>	243.67	
23 21 13 23-1846	EA	5" x 2-1/2", Grooved Eccentric Reducer.....	1,274.61	42.75
		<i>For Galvanized Fittings, Add</i>	207.60	
23 21 13 23-1847	EA	5" x 3", Grooved Eccentric Reducer.....	1,237.61	45.64
		<i>For Galvanized Fittings, Add</i>	200.52	
23 21 13 23-1848	EA	5" x 4", Grooved Eccentric Reducer.....	424.59	51.30
		<i>For Galvanized Fittings, Add</i>	59.62	
23 21 13 23-1849	EA	6" x 1", Grooved Eccentric Reducer.....	2,273.89	43.50
		<i>For Galvanized Fittings, Add</i>	412.14	
23 21 13 23-1850	EA	6" x 2", Grooved Eccentric Reducer.....	2,087.44	48.85
		<i>For Galvanized Fittings, Add</i>	375.86	
23 21 13 23-1851	EA	6" x 2-1/2", Grooved Eccentric Reducer.....	2,475.45	51.30
		<i>For Galvanized Fittings, Add</i>	447.56	
23 21 13 23-1852	EA	6" x 3", Grooved Eccentric Reducer.....	544.07	54.20
		<i>For Galvanized Fittings, Add</i>	86.36	
23 21 13 23-1853	EA	6" x 4", Grooved Eccentric Reducer.....	494.90	59.86
		<i>For Galvanized Fittings, Add</i>	75.59	
23 21 13 23-1854	EA	6" x 5", Grooved Eccentric Reducer.....	584.31	65.63
		<i>For Galvanized Fittings, Add</i>	90.68	
23 21 13 23-1855	EA	8" x 3", Grooved Eccentric Reducer.....	2,432.24	61.35
		<i>For Galvanized Fittings, Add</i>	436.70	
23 21 13 23-1856	EA	8" x 4", Grooved Eccentric Reducer.....	2,145.75	67.02
		<i>For Galvanized Fittings, Add</i>	381.65	
23 21 13 23-1857	EA	8" x 5", Grooved Eccentric Reducer.....	2,013.28	72.68
		<i>For Galvanized Fittings, Add</i>	355.33	
23 21 13 23-1858	EA	8" x 6", Grooved Eccentric Reducer.....	943.30	81.23
		<i>For Galvanized Fittings, Add</i>	153.28	
23 21 13 23-1859	EA	10" x 4", Grooved Eccentric Reducer.....	3,864.90	74.50
		<i>For Galvanized Fittings, Add</i>	700.34	
23 21 13 23-1860	EA	10" x 5", Grooved Eccentric Reducer.....	3,656.31	80.17
		<i>For Galvanized Fittings, Add</i>	659.83	
23 21 13 23-1861	EA	10" x 6", Grooved Eccentric Reducer.....	2,799.59	88.72
		<i>For Galvanized Fittings, Add</i>	497.57	
23 21 13 23-1862	EA	10" x 8", Grooved Eccentric Reducer.....	2,400.61	95.88
		<i>For Galvanized Fittings, Add</i>	421.13	
23 21 13 23-1863	EA	12" x 4", Grooved Eccentric Reducer.....	3,943.52	84.87
		<i>For Galvanized Fittings, Add</i>	575.88	
23 21 13 23-1864	EA	12" x 6", Grooved Eccentric Reducer.....	3,710.77	99.08
		<i>For Galvanized Fittings, Add</i>	537.54	
23 21 13 23-1865	EA	12" x 8", Grooved Eccentric Reducer.....	3,630.32	106.25
		<i>For Galvanized Fittings, Add</i>	523.79	
23 21 13 23-1866	EA	12" x 10", Grooved Eccentric Reducer.....	3,279.58	113.73
		<i>For Galvanized Fittings, Add</i>	469.16	
23 21 13 23-1867	EA	14" x 6", Grooved Eccentric Reducer.....	9,148.25	106.78
		<i>For Galvanized Fittings, Add</i>	275.94	
23 21 13 23-1868	EA	14" x 8", Grooved Eccentric Reducer.....	5,917.18	113.94
		<i>For Galvanized Fittings, Add</i>	176.41	
23 21 13 23-1869	EA	14" x 10", Grooved Eccentric Reducer.....	5,652.15	121.43
		<i>For Galvanized Fittings, Add</i>	167.93	
23 21 13 23-1870	EA	14" x 12", Grooved Eccentric Reducer.....	5,667.62	131.68
		<i>For Galvanized Fittings, Add</i>	167.93	
23 21 13 23-1871	EA	16" x 8", Grooved Eccentric Reducer.....	10,108.54	121.53
		<i>For Galvanized Fittings, Add</i>	304.74	
23 21 13 23-1872	EA	16" x 10", Grooved Eccentric Reducer.....	9,366.11	129.01
		<i>For Galvanized Fittings, Add</i>	281.60	
23 21 13 23-1873	EA	16" x 12", Grooved Eccentric Reducer.....	8,827.90	139.38
		<i>For Galvanized Fittings, Add</i>	264.60	
23 21 13 23-1874	EA	16" x 14", Grooved Eccentric Reducer.....	8,839.44	147.07
		<i>For Galvanized Fittings, Add</i>	264.60	
23 21 13 23-1875	EA	18" x 10", Grooved Eccentric Reducer.....	12,679.80	136.17
		<i>For Galvanized Fittings, Add</i>	383.00	
23 21 13 23-1876	EA	18" x 12", Grooved Eccentric Reducer.....	11,934.21	146.43
		<i>For Galvanized Fittings, Add</i>	359.64	
23 21 13 23-1877	EA	18" x 14", Grooved Eccentric Reducer.....	10,874.46	154.13
		<i>For Galvanized Fittings, Add</i>	326.75	
23 21 13 23-1878	EA	18" x 16", Grooved Eccentric Reducer.....	10,886.00	161.93
		<i>For Galvanized Fittings, Add</i>	326.75	
23 21 13 23-1879	EA	20" x 10", Grooved Eccentric Reducer.....	16,649.38	139.70
		<i>For Galvanized Fittings, Add</i>	504.71	
23 21 13 23-1880	EA	20" x 12", Grooved Eccentric Reducer.....	12,385.39	150.07
		<i>For Galvanized Fittings, Add</i>	373.33	
23 21 13 23-1881	EA	20" x 14", Grooved Eccentric Reducer.....	11,636.71	157.76
		<i>For Galvanized Fittings, Add</i>	349.99	
23 21 13 23-1882	EA	20" x 16", Grooved Eccentric Reducer.....	11,463.64	165.36
		<i>For Galvanized Fittings, Add</i>	344.32	
23 21 13 23-1883	EA	20" x 18", Grooved Eccentric Reducer.....	11,044.72	172.51
		<i>For Galvanized Fittings, Add</i>	331.13	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1884	EA		24" x 12", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	24,047.49 730.63	165.78
23 21 13 23-1885	EA		24" x 14", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	20,543.44 622.70	173.37
23 21 13 23-1886	EA		24" x 16", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	20,555.06 622.70	181.17
23 21 13 23-1887	EA		24" x 18", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	19,414.27 587.36	188.22
23 21 13 23-1888	EA		24" x 20", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	17,746.68 535.99	191.86
23 21 13 23-1889 Grooved, Close Nipple (23 21 13 23-1727)					
Note: Victaulic No. 143					
23 21 13 23-1890	EA		1-1/4" Ductile Iron, Grooved, Close Nipple <i>For Galvanized Fittings, Add</i> <i>For 300 LB Rating, Add</i> <i>For Galvanized Fittings, Add</i>	60.49 7.04 5.87 10.01	14.11
23 21 13 23-1891	EA		1-1/2" Ductile Iron, Grooved, Close Nipple <i>For Galvanized Fittings, Add</i> <i>For 300 LB Rating, Add</i> <i>For Galvanized Fittings, Add</i>	69.34 7.67 6.39 10.91	17.64
23 21 13 23-1892	EA		2" Ductile Iron, Grooved, Close Nipple <i>For Galvanized Fittings, Add</i> <i>For 300 LB Rating, Add</i> <i>For Galvanized Fittings, Add</i>	86.64 9.25 7.71 13.15	23.28
23 21 13 23-1893	EA		2-1/2" Ductile Iron, Grooved, Close Nipple <i>For Galvanized Fittings, Add</i> <i>For 300 LB Rating, Add</i> <i>For Galvanized Fittings, Add</i>	103.46 10.93 9.11 15.54	28.22
23 21 13 23-1894 Grooved Caps (23 21 13 23-1727)					
Note: Victaulic No. 60					
23 21 13 23-1895	EA		1" Carbon Steel Grooved Cap	143.90	4.38
23 21 13 23-1896	EA		1-1/4" Carbon Steel Grooved Cap	146.04	5.45
23 21 13 23-1897	EA		1-1/2" Carbon Steel Grooved Cap	148.40	6.63
23 21 13 23-1898	EA		2" Carbon Steel Grooved Cap	152.57	8.76
23 21 13 23-1899	EA		2-1/2" Carbon Steel Grooved Cap	156.42	10.69
23 21 13 23-1900	EA		3" Carbon Steel Grooved Cap	160.90	12.93
23 21 13 23-1901	EA		4" Carbon Steel Grooved Cap	178.07	17.10
23 21 13 23-1902	EA		5" Carbon Steel Grooved Cap	373.40	21.28
23 21 13 23-1903	EA		6" Carbon Steel Grooved Cap	386.10	27.89
23 21 13 23-1904	EA		8" Carbon Steel Grooved Cap	694.54	33.13
23 21 13 23-1905	EA		10" Carbon Steel Grooved Cap	1,172.96	38.69
23 21 13 23-1906	EA		12" Carbon Steel Grooved Cap	2,008.53	46.39
23 21 13 23-1907 Grooved Couplings (23 21 13 23-1484)					
23 21 13 23-1908 Flexible Grooved Coupling (23 21 13 23-1907)					
Note: Victaulic Style 77					
23 21 13 23-1909	EA		3/4" Grooved Standard Coupling <i>For Galvanized Fittings, Add</i>	33.13 6.83	5.77
23 21 13 23-1910	EA		1" Grooved Standard Coupling <i>For Galvanized Fittings, Add</i>	33.13 6.83	5.77
23 21 13 23-1911	EA		1-1/4" Grooved Standard Coupling <i>For Galvanized Fittings, Add</i>	43.37 9.09	7.27
23 21 13 23-1912	EA		1-1/2" Grooved Standard Coupling <i>For Galvanized Fittings, Add</i>	48.51 9.93	8.65
23 21 13 23-1913	EA		2" Grooved Standard Coupling <i>For Galvanized Fittings, Add</i>	54.96 10.50	11.66
23 21 13 23-1914	EA		2-1/2" Grooved Standard Coupling <i>For Galvanized Fittings, Add</i>	66.15 12.56	14.21
23 21 13 23-1915	EA		3" Grooved Standard Coupling <i>For Galvanized Fittings, Add</i>	70.28 12.56	16.99
23 21 13 23-1916	EA		3-1/2" Grooved Standard Coupling <i>For Galvanized Fittings, Add</i>	102.15 20.24	19.89
23 21 13 23-1917	EA		4" Grooved Standard Coupling <i>For Galvanized Fittings, Add</i>	106.33 20.24	22.66
23 21 13 23-1918	EA		5" Grooved Standard Coupling <i>For Galvanized Fittings, Add</i>	153.38 31.03	28.43
23 21 13 23-1919	EA		6" Grooved Standard Coupling <i>For Galvanized Fittings, Add</i>	186.68 36.68	37.09
23 21 13 23-1920	EA		8" Grooved Standard Coupling <i>For Galvanized Fittings, Add</i>	279.83 59.80	44.25
23 21 13 23-1921	EA		10" Grooved Standard Coupling <i>For Galvanized Fittings, Add</i>	434.46 99.38	53.02
23 21 13 23-1922	EA		12" Grooved Standard Coupling <i>For Galvanized Fittings, Add</i>	491.10 113.15	58.04
23 21 13 23-1923	EA		14" Grooved Standard Coupling <i>For Galvanized Fittings, Add</i>	606.91 137.46	77.39
23 21 13 23-1924	EA		16" Grooved Standard Coupling <i>For Galvanized Fittings, Add</i>	783.12 180.30	92.89
23 21 13 23-1925	EA		18" Grooved Standard Coupling <i>For Galvanized Fittings, Add</i>	908.79 211.16	103.14
23 21 13 23-1926	EA		20" Grooved Standard Coupling <i>For Galvanized Fittings, Add</i>	1,360.37 332.19	116.08

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 13 23-1927	EA	24"	Grooved Standard Coupling	.....	1,515.18	142.80
			<i>For Galvanized Fittings, Add</i>		364.30	
23 21 13 23-1928			Zero-Flex® Rigid Coupling <small>(23 21 13 23-1907)</small>			
			Note: Victaulic Style 07			
23 21 13 23-1929	EA	1"	Grooved Rigid Coupling	.....	42.67	5.77
			<i>For Galvanized Fittings, Add</i>		8.32	
23 21 13 23-1930	EA	1-1/4"	Grooved Rigid Coupling	.....	44.86	7.27
			<i>For Galvanized Fittings, Add</i>		8.32	
23 21 13 23-1931	EA	1-1/2"	Grooved Rigid Coupling	.....	46.98	8.65
			<i>For Galvanized Fittings, Add</i>		8.32	
23 21 13 23-1932	EA	2"	Grooved Rigid Coupling	.....	52.27	11.66
			<i>For Galvanized Fittings, Add</i>		8.53	
23 21 13 23-1933	EA	2-1/2"	Grooved Rigid Coupling	.....	61.40	14.21
			<i>For Galvanized Fittings, Add</i>		9.83	
23 21 13 23-1934	EA	3"	Grooved Rigid Coupling	.....	65.53	16.99
			<i>For Galvanized Fittings, Add</i>		9.83	
23 21 13 23-1935	EA	3-1/2"	Grooved Rigid Coupling	.....	76.74	19.89
			<i>For Galvanized Fittings, Add</i>		11.49	
23 21 13 23-1936	EA	4"	Grooved Rigid Coupling	.....	100.48	22.66
			<i>For Galvanized Fittings, Add</i>		16.28	
23 21 13 23-1937	EA	5"	Grooved Rigid Coupling	.....	128.84	28.43
			<i>For Galvanized Fittings, Add</i>		21.14	
23 21 13 23-1938	EA	6"	Grooved Rigid Coupling	.....	171.01	37.09
			<i>For Galvanized Fittings, Add</i>		28.26	
23 21 13 23-1939	EA	8"	Grooved Rigid Coupling	.....	247.98	44.25
			<i>For Galvanized Fittings, Add</i>		44.52	
23 21 13 23-1940	EA	10"	Grooved Rigid Coupling	.....	405.12	53.02
			<i>For Galvanized Fittings, Add</i>		79.77	
23 21 13 23-1941	EA	12"	Grooved Rigid Coupling	.....	451.34	58.04
			<i>For Galvanized Fittings, Add</i>		89.27	
23 21 13 23-1942	EA	14"	Grooved Rigid Coupling	.....	592.00	77.39
			<i>For Galvanized Fittings, Add</i>		116.62	
23 21 13 23-1943	EA	16"	Grooved Rigid Coupling	.....	760.02	92.89
			<i>For Galvanized Fittings, Add</i>		152.11	
23 21 13 23-1944	EA	18"	Grooved Rigid Coupling	.....	872.34	103.14
			<i>For Galvanized Fittings, Add</i>		175.84	
23 21 13 23-1945	EA	20"	Grooved Rigid Coupling	.....	1,028.43	116.08
			<i>For Galvanized Fittings, Add</i>		209.34	
23 21 13 23-1946	EA	24"	Grooved Rigid Coupling	.....	1,472.68	142.80
			<i>For Galvanized Fittings, Add</i>		308.35	
23 21 13 23-1947			Large Diameter Grooved Coupling <small>(23 21 13 23-1907)</small>			
			Note: Victaulic Style 770			
23 21 13 23-1948	EA	28"	Grooved Coupling	.....	1,552.80	28.43
			<i>For Galvanized Fittings, Add</i>		211.44	
23 21 13 23-1949	EA	30"	Grooved Coupling	.....	1,794.43	37.09
			<i>For Galvanized Fittings, Add</i>		243.43	
23 21 13 23-1950	EA	32"	Grooved Coupling	.....	2,670.18	44.25
			<i>For Galvanized Fittings, Add</i>		364.55	
23 21 13 23-1951	EA	36"	Grooved Coupling	.....	3,548.57	53.02
			<i>For Galvanized Fittings, Add</i>		485.67	
23 21 13 23-1952	EA	42"	Grooved Coupling	.....	7,102.80	58.04
			<i>For Galvanized Fittings, Add</i>		982.21	
23 21 13 23-1953			Flexible Coupling <small>(23 21 13 23-1907)</small>			
			Note: Victaulic Style 75			
23 21 13 23-1954	EA	1-1/2"	Grooved Flexible Coupling	.....	43.89	8.65
			<i>For Galvanized Fittings, Add</i>		7.90	
23 21 13 23-1955	EA	2"	Grooved Flexible Coupling	.....	49.11	11.66
			<i>For Galvanized Fittings, Add</i>		8.10	
23 21 13 23-1956	EA	2-1/2"	Grooved Flexible Coupling	.....	57.95	14.21
			<i>For Galvanized Fittings, Add</i>		9.39	
23 21 13 23-1957	EA	3"	Grooved Flexible Coupling	.....	68.05	16.99
			<i>For Galvanized Fittings, Add</i>		10.92	
23 21 13 23-1958	EA	3-1/2"	Grooved Flexible Coupling	.....	90.26	19.89
			<i>For Galvanized Fittings, Add</i>		15.46	
23 21 13 23-1959	EA	4"	Grooved Flexible Coupling	.....	94.44	22.66
			<i>For Galvanized Fittings, Add</i>		15.46	
23 21 13 23-1960	EA	5"	Grooved Flexible Coupling	.....	129.70	28.43
			<i>For Galvanized Fittings, Add</i>		22.31	
23 21 13 23-1961	EA	6"	Grooved Flexible Coupling	.....	160.65	37.09
			<i>For Galvanized Fittings, Add</i>		26.87	
23 21 13 23-1962	EA	8"	Grooved Flexible Coupling	.....	231.29	44.25
			<i>For Galvanized Fittings, Add</i>		42.25	
23 21 13 23-1963			Installation-Ready™ Coupling <small>(23 21 13 23-1907)</small>			
			Note: Victaulic Style 009N			
23 21 13 23-1964	EA	1-1/4"	Ductile Iron, Installation-Ready™ Coupling	.....	77.08	5.40
			<i>For Galvanized Fittings, Add</i>		17.64	
23 21 13 23-1965	EA	1-1/2"	Ductile Iron, Installation-Ready™ Coupling	.....	80.10	6.46
			<i>For Galvanized Fittings, Add</i>		18.00	
23 21 13 23-1966	EA	2"	Ductile Iron, Installation-Ready™ Coupling	.....	92.69	8.67
			<i>For Galvanized Fittings, Add</i>		20.36	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1967	EA	2-1/2" Ductile Iron, Installation-Ready™ Coupling <i>For Galvanized Fittings, Add</i>	107.55 23.45	10.51
23 21	13 23-1968	EA	3" Ductile Iron, Installation-Ready™ Coupling <i>For Galvanized Fittings, Add</i>	122.82 26.54	12.63
23 21	13 23-1969	EA	4" Ductile Iron, Installation-Ready™ Coupling <i>For Galvanized Fittings, Add</i>	171.15 37.27	16.86
23 21	13 23-1970	EA	5" Ductile Iron, Installation-Ready™ Coupling <i>For Galvanized Fittings, Add</i>	270.11 60.97	21.09
23 21	13 23-1971	EA	6" Ductile Iron, Installation-Ready™ Coupling <i>For Galvanized Fittings, Add</i>	326.36 72.85	27.58
23 21	13 23-1972	EA	8" Ductile Iron, Installation-Ready™ Coupling <i>For Galvanized Fittings, Add</i>	525.13 121.71	32.80
23 21	13 23-1973		Grooved Strainers And Suction Diffusers <small>(23 21 13 23-1484)</small>		
23 21	13 23-1974		Grooved Wye Strainers <small>(23 21 13 23-1973)</small>		
			Note: Victaulic Style 732		
23 21	13 23-1975	EA	2" Grooved Wye Strainer	2,080.12	23.51
23 21	13 23-1976	EA	2-1/2" Grooved Wye Strainer	2,190.82	28.54
23 21	13 23-1977	EA	3" Grooved Wye Strainer	2,464.45	34.20
23 21	13 23-1978	EA	4" Grooved Wye Strainer	2,799.29	45.64
23 21	13 23-1979	EA	5" Grooved Wye Strainer	4,041.46	57.08
23 21	13 23-1980	EA	6" Grooved Wye Strainer	4,406.46	74.18
23 21	13 23-1981	EA	8" Grooved Wye Strainer	6,717.17	88.40
23 21	13 23-1982	EA	10" Grooved Wye Strainer	10,739.73	103.35
23 21	13 23-1983	EA	12" Grooved Wye Strainer	18,676.86	124.10
23 21	13 23-1984		Grooved Tee Type Strainers <small>(23 21 13 23-1973)</small>		
			Note: Victaulic Style 730		
23 21	13 23-1985	EA	1-1/2" Grooved Tee Type Strainer	1,604.69	17.85
23 21	13 23-1986	EA	2" Grooved Tee Type Strainer	2,054.88	23.51
23 21	13 23-1987	EA	2-1/2" Grooved Tee Type Strainer	2,164.59	28.54
23 21	13 23-1988	EA	3" Grooved Tee Type Strainer	2,434.81	34.20
23 21	13 23-1989	EA	4" Grooved Tee Type Strainer	2,765.68	45.64
23 21	13 23-1990	EA	5" Grooved Tee Type Strainer	3,992.54	57.08
23 21	13 23-1991	EA	6" Grooved Tee Type Strainer	4,353.71	74.18
23 21	13 23-1992	EA	8" Grooved Tee Type Strainer	6,635.50	88.40
23 21	13 23-1993	EA	10" Grooved Tee Type Strainer	9,706.00	103.35
23 21	13 23-1994	EA	12" Grooved Tee Type Strainer	12,480.76	124.10
23 21	13 23-1995	EA	14" Grooved Tee Type Strainer	44,033.86	139.70
23 21	13 23-1996	EA	16" Grooved Tee Type Strainer	54,699.17	154.66
23 21	13 23-1997	EA	18" Grooved Tee Type Strainer	71,893.62	168.98
23 21	13 23-1998		Grooved Suction Diffuser <small>(23 21 13 23-1973)</small>		
			Note: Victaulic Style 731		
23 21	13 23-1999	EA	2-1/2" Grooved x 2" Flanged Suction Diffuser	4,233.16	26.40
23 21	13 23-2000	EA	3" Grooved x 2" Flanged Suction Diffuser	4,494.11	29.18
23 21	13 23-2001	EA	3" Grooved x 2-1/2" Flanged Suction Diffuser	3,250.59	34.20
23 21	13 23-2002	EA	3" Grooved x 3" Flanged Suction Diffuser	3,297.13	37.09
23 21	13 23-2003	EA	4" Grooved x 2-1/2" Flanged Suction Diffuser	3,570.67	37.09
23 21	13 23-2004	EA	4" Grooved x 3" Flanged Suction Diffuser	3,852.30	39.97
23 21	13 23-2005	EA	4" Grooved x 4" Flanged Suction Diffuser	4,452.23	39.97
23 21	13 23-2006	EA	5" Grooved x 4" Flanged Suction Diffuser	4,972.75	51.30
23 21	13 23-2007	EA	5" Grooved x 5" Flanged Suction Diffuser	5,225.46	54.20
23 21	13 23-2008	EA	6" Grooved x 4" Flanged Suction Diffuser	5,309.73	59.86
23 21	13 23-2009	EA	6" Grooved x 5" Flanged Suction Diffuser	6,342.65	65.63
23 21	13 23-2010	EA	6" Grooved x 6" Flanged Suction Diffuser	6,588.26	69.90
23 21	13 23-2011	EA	8" Grooved x 5" Flanged Suction Diffuser	6,760.30	72.68
23 21	13 23-2012	EA	8" Grooved x 6" Flanged Suction Diffuser	7,135.56	81.23
23 21	13 23-2013	EA	8" Grooved x 8" Flanged Suction Diffuser	12,202.27	88.40
23 21	13 23-2014	EA	10" Grooved x 8" Flanged Suction Diffuser	13,762.92	95.56
23 21	13 23-2015	EA	10" Grooved x 10" Flanged Suction Diffuser	16,559.75	99.08
23 21	13 23-2016	EA	12" Grooved x 10" Flanged Suction Diffuser	19,596.28	114.04
23 21	13 23-2017	EA	12" Grooved x 12" Flanged Suction Diffuser	27,201.79	121.21
23 21	13 23-2018	EA	14" Grooved x 10" Flanged Suction Diffuser	25,328.70	121.21
23 21	13 23-2019	EA	14" Grooved x 12" Flanged Suction Diffuser	28,288.08	131.89
23 21	13 23-2020	EA	14" Grooved x 14" Flanged Suction Diffuser	34,321.33	139.70
23 21	13 23-2021	EA	16" Grooved x 14" Flanged Suction Diffuser	35,334.40	146.86
23 21	13 23-2022		Grooved Steel Valves <small>(23 21 13 23-1484)</small>		
23 21	13 23-2023		Grooved Butterfly Valves With Standard Trim <small>(23 21 13 23-2022)</small>		
23 21	13 23-2024	EA	1-1/2" Butterfly Valve, Grooved, With Standard Trim	289.68	11.66
23 21	13 23-2025	EA	2" Butterfly Valve, Grooved, With Standard Trim	295.19	15.28
23 21	13 23-2026	EA	3" Butterfly Valve, Grooved, With Standard Trim	484.48	22.66
23 21	13 23-2027	EA	4" Butterfly Valve, Grooved, With Standard Trim	650.78	29.82
23 21	13 23-2028	EA	6" Butterfly Valve, Grooved, With Standard Trim	1,421.32	48.85
23 21	13 23-2029	EA	8" Butterfly Valve, Grooved, With Standard Trim	1,969.66	68.73
23 21	13 23-2030	EA	10" Butterfly Valve, Grooved, With Standard Trim	2,958.48	92.89
23 21	13 23-2031		Grooved Butterfly Valves With Stainless Steel Trim <small>(23 21 13 23-2022)</small>		

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 13 23-2032	EA	1-1/2" Butterfly Valve, Grooved, With Stainless Steel Trim.....	435.50	11.66
23 21 13 23-2033	EA	2" Butterfly Valve, Grooved, With Stainless Steel Trim.....	441.01	15.28
23 21 13 23-2034	EA	3" Butterfly Valve, Grooved, With Stainless Steel Trim.....	682.15	22.66
23 21 13 23-2035	EA	4" Butterfly Valve, Grooved, With Stainless Steel Trim.....	867.90	29.82
23 21 13 23-2036	EA	6" Butterfly Valve, Grooved, With Stainless Steel Trim.....	1,661.12	48.85
23 21 13 23-2037	EA	8" Butterfly Valve, Grooved, With Stainless Steel Trim.....	2,760.36	68.73
23 21 13 23-2038	EA	10" Butterfly Valve, Grooved, With Stainless Steel Trim.....	4,351.92	92.89

23 21 13 23-2039 Grooved Ball Valves With Standard Trim And Handle (23 21 13 23-2022)

Note: Victaulic No. 721

23 21 13 23-2040	EA	1-1/2" Ball Valve, Grooved, With Standard Trim.....	244.35	11.43
23 21 13 23-2041	EA	2" Ball Valve, Grooved, With Standard Trim.....	279.83	15.71
23 21 13 23-2042	EA	2-1/2" Ball Valve, Grooved, With Standard Trim.....	639.47	19.24
23 21 13 23-2043	EA	3" Ball Valve, Grooved, With Standard Trim.....	1,049.03	22.77
23 21 13 23-2044	EA	4" Ball Valve, Grooved, With Standard Trim.....	1,633.84	29.93
23 21 13 23-2045	EA	6" Ball Valve, Grooved, With Standard Trim.....	5,081.95	49.17

23 21 13 23-2046 Grooved Ball Valves With Stainless Steel Trim And Handle (23 21 13 23-2022)

Note: Victaulic No. 721

23 21 13 23-2047	EA	1-1/2" Ball Valve, Grooved, With Stainless Steel Trim.....	260.32	11.43
23 21 13 23-2048	EA	2" Ball Valve, Grooved, With Stainless Steel Trim.....	445.62	15.71
23 21 13 23-2049	EA	2-1/2" Ball Valve, Grooved, With Stainless Steel Trim.....	1,162.24	19.24
23 21 13 23-2050	EA	3" Ball Valve, Grooved, With Stainless Steel Trim.....	1,503.08	22.77
23 21 13 23-2051	EA	4" Ball Valve, Grooved, With Stainless Steel Trim.....	2,053.43	29.93
23 21 13 23-2052	EA	6" Ball Valve, Grooved, With Stainless Steel Trim.....	5,601.88	49.17

23 21 13 23-2053 Grooved Check Valves (23 21 13 23-2022)

Note: Victaulic No. 712

23 21 13 23-2054	EA	2" Check Valve, Grooved.....	371.10	15.71
23 21 13 23-2055	EA	2-1/2" Check Valve, Grooved.....	602.61	19.24
23 21 13 23-2056	EA	3" Check Valve, Grooved.....	702.14	22.77
23 21 13 23-2057	EA	4" Check Valve, Grooved.....	995.35	29.93

23 21 13 23-2058 Grooved Vic-Check Check Valves (23 21 13 23-2022)

Note: Victaulic No. 716

23 21 13 23-2059	EA	2-1/2" "Vic-Check" Check Valve, Grooved.....	481.37	19.24
23 21 13 23-2060	EA	3" "Vic-Check" Check Valve, Grooved.....	486.57	22.77
23 21 13 23-2061	EA	4" "Vic-Check" Check Valve, Grooved.....	609.71	29.93
23 21 13 23-2062	EA	6" "Vic-Check" Check Valve, Grooved.....	1,189.01	49.17
23 21 13 23-2063	EA	8" "Vic-Check" Check Valve, Grooved.....	1,626.90	68.41
23 21 13 23-2064	EA	10" "Vic-Check" Check Valve, Grooved.....	4,551.17	92.67
23 21 13 23-2065	EA	12" "Vic-Check" Check Valve, Grooved.....	5,389.52	106.99

23 21 13 23-2066 Grooved Plug Valves With Lever Operator (23 21 13 23-2022)

Note: Victaulic No. 377

23 21 13 23-2067	EA	3" Balancing Plug Valve, Grooved, With Lever Handle.....	732.39	22.77
23 21 13 23-2068	EA	4" Balancing Plug Valve, Grooved, With Lever Handle.....	813.25	29.93
23 21 13 23-2069	EA	6" Balancing Plug Valve, Grooved, With Lever Handle.....	1,451.50	49.17

23 21 13 23-2070 Grooved Plug Valve With Gear Operator (23 21 13 23-2022)

Note: Victaulic No. 377

23 21 13 23-2071	EA	3" Balancing Plug Valve, Grooved, With Gear Operator.....	1,295.60	22.77
23 21 13 23-2072	EA	4" Balancing Plug Valve, Grooved, With Gear Operator.....	1,376.51	29.93
23 21 13 23-2073	EA	6" Balancing Plug Valve, Grooved, With Gear Operator.....	2,014.76	49.17
23 21 13 23-2074	EA	8" Balancing Plug Valve, Grooved, With Gear Operator.....	2,695.36	68.41
23 21 13 23-2075	EA	10" Balancing Plug Valve, Grooved, With Gear Operator.....	4,227.89	92.67
23 21 13 23-2076	EA	12" Balancing Plug Valve, Grooved, With Gear Operator.....	6,116.44	106.99

23 21 13 23-2077 Prepare Pipe For Groove (23 21 13 23-1484)**23 21 13 23-2078 Cut Grooved Pipe (23 21 13 23-2077)**

Note: For use where connecting ungrooved pipe with grooved pipe, coupling to grooved pipe, or for field groove preparation on existing cut pipe.

23 21 13 23-2079	EA	Cut 3/4" Groove Pipe.....	11.20	
23 21 13 23-2080	EA	Cut 1" Groove Pipe.....	12.16	
23 21 13 23-2081	EA	Cut 1-1/4" Groove Pipe.....	13.73	
23 21 13 23-2082	EA	Cut 1-1/2" Groove Pipe.....	14.93	
23 21 13 23-2083	EA	Cut 2" Groove Pipe.....	16.37	
23 21 13 23-2084	EA	Cut 2-1/2" Groove Pipe.....	17.73	
23 21 13 23-2085	EA	Cut 3" Groove Pipe.....	19.34	
23 21 13 23-2086	EA	Cut 3-1/2" Groove Pipe.....	20.51	
23 21 13 23-2087	EA	Cut 4" Groove Pipe.....	21.82	
23 21 13 23-2088	EA	Cut 5" Groove Pipe.....	23.64	
23 21 13 23-2089	EA	Cut 6" Groove Pipe.....	24.32	
23 21 13 23-2090	EA	Cut 8" Groove Pipe.....	31.52	
23 21 13 23-2091	EA	Cut 10" Groove Pipe.....	44.79	
23 21 13 23-2092	EA	Cut 12" Groove Pipe.....	56.73	
23 21 13 23-2093	EA	Cut 14" Groove Pipe.....	85.10	
23 21 13 23-2094	EA	Cut 16" Groove Pipe.....	89.58	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 21	13 23-2095	EA	Cut 18" Groove Pipe.....	94.56	
23 21	13 23-2096	EA	Cut 20" Groove Pipe.....	100.12	
23 21	13 23-2097	EA	Cut 24" Groove Pipe.....	113.47	

23 21 13 23-2098

Roll Grooved Pipe (23 21 13 23-2077)

Note: For use where connecting ungrooved pipe with grooved pipe, coupling to grooved pipe, or for field groove preparation on existing cut pipe.

23 21	13 23-2099	EA	Roll 3/4" Groove	6.40	
23 21	13 23-2100	EA	Roll 1" Groove	7.46	
23 21	13 23-2101	EA	Roll 1-1/4" Groove	8.51	
23 21	13 23-2102	EA	Roll 1-1/2" Groove	9.56	
23 21	13 23-2103	EA	Roll 2" Groove	14.68	
23 21	13 23-2104	EA	Roll 2-1/2" Groove	15.47	
23 21	13 23-2105	EA	Roll 3" Groove	17.02	
23 21	13 23-2106	EA	Roll 3-1/2" Groove	18.10	
23 21	13 23-2107	EA	Roll 4" Groove	19.79	
23 21	13 23-2108	EA	Roll 5" Groove	20.26	
23 21	13 23-2109	EA	Roll 6" Groove	21.28	
23 21	13 23-2110	EA	Roll 8" Groove	25.79	
23 21	13 23-2111	EA	Roll 10" Groove	29.34	
23 21	13 23-2112	EA	Roll 12" Groove	37.00	
23 21	13 23-2113	EA	Roll 14" Groove	56.73	
23 21	13 23-2114	EA	Roll 16" Groove	60.78	
23 21	13 23-2115	EA	Roll 18" Groove	63.04	
23 21	13 23-2116	EA	Roll 20" Groove	68.08	
23 21	13 23-2117	EA	Roll 24" Groove	74.00	

23 21 13 23-2118

Standard Gaskets (23 21 13 23-2077)

Note: For use on replacement of existing gaskets.

23 21	13 23-2119	EA	3/4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	22.05	
23 21	13 23-2120	EA	1" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	22.95	
23 21	13 23-2121	EA	1-1/4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	24.03	
23 21	13 23-2122	EA	1-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	26.37	
23 21	13 23-2123	EA	2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	27.01	
23 21	13 23-2124	EA	2-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	31.58	
23 21	13 23-2125	EA	3" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	34.65	
23 21	13 23-2126	EA	3-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	42.58	
23 21	13 23-2127	EA	4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	43.09	
23 21	13 23-2128	EA	5" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	53.56	
23 21	13 23-2129	EA	6" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	57.57	
23 21	13 23-2130	EA	8" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	78.09	
23 21	13 23-2131	EA	10" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	97.85	
23 21	13 23-2132	EA	12" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	115.52	
23 21	13 23-2133	EA	14" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	161.43	
23 21	13 23-2134	EA	16" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	215.05	
23 21	13 23-2135	EA	18" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	254.50	
23 21	13 23-2136	EA	20" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	376.58	
23 21	13 23-2137	EA	24" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	515.16	

23 21 13 23-2138

Copper Grooved-Joint Pipe Fittings (23 21 13 23)

Note: Couplings are not included with fittings.

23 21 13 23-2139

Grooved Fittings (23 21 13 23-2138)

23 21 13 23-2140

Grooved 90 Degree Elbows (23 21 13 23-2139)

23 21	13 23-2141	EA	2" Copper 90 Degree Elbow, Grooved.....	75.89	17.43
23 21	13 23-2142	EA	2-1/2" Copper 90 Degree Elbow, Grooved	86.86	21.28
23 21	13 23-2143	EA	3" Copper 90 Degree Elbow, Grooved.....	113.66	25.76
23 21	13 23-2144	EA	4" Copper 90 Degree Elbow, Grooved.....	210.57	33.99
23 21	13 23-2145	EA	5" Copper 90 Degree Elbow, Grooved.....	488.99	42.54
23 21	13 23-2146	EA	6" Copper 90 Degree Elbow, Grooved.....	755.89	55.69
23 21	13 23-2147	EA	8" Copper 90 Degree Elbow, Grooved.....	1,342.56	66.27

23 21 13 23-2148

Grooved 45 Degree Elbows (23 21 13 23-2139)

23 21	13 23-2149	EA	2" Copper 45 Degree Elbow, Grooved.....	75.89	17.43
23 21	13 23-2150	EA	2-1/2" Copper 45 Degree Elbow, Grooved	86.86	21.28
23 21	13 23-2151	EA	3" Copper 45 Degree Elbow, Grooved.....	113.66	25.76
23 21	13 23-2152	EA	4" Copper 45 Degree Elbow, Grooved.....	210.57	33.99
23 21	13 23-2153	EA	5" Copper 45 Degree Elbow, Grooved.....	488.99	42.54
23 21	13 23-2154	EA	6" Copper 45 Degree Elbow, Grooved.....	755.89	55.69
23 21	13 23-2155	EA	8" Copper 45 Degree Elbow, Grooved.....	1,342.56	66.27

23 21 13 23-2156

Grooved Tees (23 21 13 23-2139)

23 21	13 23-2157	EA	2" Copper Tee, Grooved.....	118.50	25.66
23 21	13 23-2158	EA	2-1/2" Copper Tee, Grooved.....	134.28	31.53
23 21	13 23-2159	EA	3" Copper Tee, Grooved.....	183.38	38.69
23 21	13 23-2160	EA	4" Copper Tee, Grooved.....	332.55	50.03
23 21	13 23-2161	EA	5" Copper Tee, Grooved.....	1,153.72	65.42
23 21	13 23-2162	EA	6" Copper Tee, Grooved.....	967.23	81.88
23 21	13 23-2163	EA	8" Copper Tee, Grooved.....	1,633.58	99.41

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

		MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST	
23 21 13 23-2164		Grooved Reducing Tees (23 21 13 23-2139)						
23 21	13 23-2165	EA			2-1/2" Copper Tee, Reducing, Grooved.....	169.24	31.53	
23 21	13 23-2166	EA			3" Copper Tee, Reducing, Grooved.....	257.62	38.69	
23 21	13 23-2167	EA			4" Copper Tee, Reducing, Grooved.....	405.47	50.13	
23 21	13 23-2168	EA			5" Copper Tee, Reducing, Grooved.....	1,062.88	65.52	
23 21	13 23-2169	EA			6" Copper Tee, Reducing, Grooved.....	1,301.57	81.88	
23 21 13 23-2170		Grooved X Cup Reducing Tees (23 21 13 23-2139)						
23 21	13 23-2171	EA			2" Copper Tee, Reducing, Grooved X Cup.....	137.20	25.66	
23 21	13 23-2172	EA			2-1/2" Copper Tee, Reducing, Grooved X Cup.....	169.62	31.53	
23 21	13 23-2173	EA			3" Copper Tee, Reducing, Grooved X Cup.....	274.45	38.69	
23 21	13 23-2174	EA			4" Copper Tee, Reducing, Grooved X Cup.....	405.47	50.03	
23 21 13 23-2175		Grooved Flanged Adapter Nipples (23 21 13 23-2139)						
23 21	13 23-2176	EA			2" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	214.64	18.92	
23 21	13 23-2177	EA			2-1/2" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	229.97	22.98	
23 21	13 23-2178	EA			3" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	247.63	27.47	
23 21	13 23-2179	EA			4" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	285.29	36.98	
23 21	13 23-2180	EA			5" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	373.60	44.79	
23 21	13 23-2181	EA			6" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	430.08	60.50	
23 21 13 23-2182		Grooved Concentric Reducers (23 21 13 23-2139)						
23 21	13 23-2183	EA			2-1/2" x 2" Copper Concentric Reducer, Grooved.....	97.71	19.45	
23 21	13 23-2184	EA			3" x 2" Copper Concentric Reducer, Grooved.....	102.00	21.70	
23 21	13 23-2185	EA			3" x 2-1/2" Copper Concentric Reducer, Grooved.....	110.29	25.76	
23 21	13 23-2186	EA			4" x 2" Copper Concentric Reducer, Grooved.....	171.90	25.97	
23 21	13 23-2187	EA			4" x 2-1/2" Copper Concentric Reducer, Grooved.....	175.64	27.79	
23 21	13 23-2188	EA			4" x 3" Copper Concentric Reducer, Grooved.....	179.91	29.93	
23 21	13 23-2189	EA			5" x 3" Copper Concentric Reducer, Grooved.....	406.11	34.20	
23 21	13 23-2190	EA			5" x 4" Copper Concentric Reducer, Grooved.....	414.66	38.48	
23 21	13 23-2191	EA			6" x 3" Copper Concentric Reducer, Grooved.....	446.80	40.62	
23 21	13 23-2192	EA			6" x 4" Copper Concentric Reducer, Grooved.....	455.35	44.89	
23 21	13 23-2193	EA			6" x 5" Copper Concentric Reducer, Grooved.....	463.91	49.17	
23 21	13 23-2194	EA			8" x 6" Copper Concentric Reducer, Grooved.....	763.41	60.92	
23 21 13 23-2195		Grooved X Cup Concentric Reducers (23 21 13 23-2139)						
23 21	13 23-2196	EA			2" x 1" Copper Concentric Reducer, Grooved X Cup.....	75.88	13.68	
23 21	13 23-2197	EA			2" x 1-1/4" Copper Concentric Reducer, Grooved X Cup.....	76.95	14.21	
23 21	13 23-2198	EA			2" x 1-1/2" Copper Concentric Reducer, Grooved X Cup.....	80.21	15.82	
23 21	13 23-2199	EA			2-1/2" x 1" Copper Concentric Reducer, Grooved X Cup.....	90.01	15.28	
23 21	13 23-2200	EA			2-1/2" x 1-1/4" Copper Concentric Reducer, Grooved X Cup.....	91.06	15.82	
23 21	13 23-2201	EA			2-1/2" x 1-1/2" Copper Concentric Reducer, Grooved X Cup.....	94.20	17.43	
23 21	13 23-2202	EA			2-1/2" x 2" Copper Concentric Reducer, Grooved X Cup.....	98.47	19.45	
23 21	13 23-2203	EA			3" x 1-1/2" Copper Concentric Reducer, Grooved X Cup.....	112.86	19.45	
23 21	13 23-2204	EA			3" x 2" Copper Concentric Reducer, Grooved X Cup.....	117.15	21.70	
23 21	13 23-2205	EA			4" x 2" Copper Concentric Reducer, Grooved X Cup.....	188.92	25.87	
23 21 13 23-2206		Grooved Standard Couplings (23 21 13 23-2139)						
23 21	13 23-2207	EA			2" Copper Standard Coupling, Grooved.....	31.59	8.76	
23 21	13 23-2208	EA			2-1/2" Copper Standard Coupling, Grooved.....	37.46	10.69	
23 21	13 23-2209	EA			3" Copper Standard Coupling, Grooved.....	43.22	12.72	
23 21	13 23-2210	EA			4" Copper Standard Coupling, Grooved.....	61.30	17.10	
23 21	13 23-2211	EA			5" Copper Standard Coupling, Grooved.....	88.93	21.28	
23 21	13 23-2212	EA			6" Copper Standard Coupling, Grooved.....	116.93	27.79	
23 21	13 23-2213	EA			8" Copper Standard Coupling, Grooved.....	161.63	33.13	
23 21 13 23-2214		Grooved Caps (23 21 13 23-2139)						
23 21	13 23-2215	EA			2" Copper Cap, Grooved.....	45.70	8.76	
23 21	13 23-2216	EA			2-1/2" Copper Cap, Grooved.....	63.17	10.69	
23 21	13 23-2217	EA			3" Copper Cap, Grooved.....	77.39	12.72	
23 21	13 23-2218	EA			4" Copper Cap, Grooved.....	112.01	16.99	
23 21	13 23-2219	EA			5" Copper Cap, Grooved.....	180.80	21.28	
23 21	13 23-2220	EA			6" Copper Cap, Grooved.....	214.80	27.79	
23 21 13 23-2221		Grooved Valves (23 21 13 23-2138)						
23 21 13 23-2222		Grooved Butterfly Valves, Standard Trim, Without Operator (23 21 13 23-2221)						
Note: Copper body.								
23 21	13 23-2223	EA			2" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body.....	478.48	11.43	
						For Chain Wheel, Add	43.45	
						For Valve Bracket Insulation, Add	38.20	
23 21	13 23-2224	EA			3" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body.....	544.23	16.99	
						For Chain Wheel, Add	43.45	
						For Valve Bracket Insulation, Add	38.20	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2225	EA		4" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body.....	719.41	22.34
			<i>For Chain Wheel, Add</i>	43.45	
			<i>For Valve Bracket Insulation, Add</i>	38.20	
23 21 13 23-2226	EA		6" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body.....	959.97	36.66
			<i>For Chain Wheel, Add</i>	43.45	
			<i>For Valve Bracket Insulation, Add</i>	38.20	
23 21 13 23-2227	EA		8" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body.....	1,058.31	51.52
			<i>For Chain Wheel, Add</i>	43.45	
			<i>For Valve Bracket Insulation, Add</i>	38.20	
23 21 13 23-2228			Grooved Butterfly Valves, Standard Trim, With Operator <small>(23 21 13 23-2221)</small>		
			Note: Copper body.		
23 21 13 23-2229	EA		2" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body.....	584.54	11.43
			<i>For Chain Wheel, Add</i>	43.45	
			<i>For Valve Bracket Insulation, Add</i>	38.20	
23 21 13 23-2230	EA		3" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body.....	650.36	16.99
			<i>For Chain Wheel, Add</i>	43.45	
			<i>For Valve Bracket Insulation, Add</i>	38.20	
23 21 13 23-2231	EA		4" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body.....	825.54	22.34
			<i>For Chain Wheel, Add</i>	43.45	
			<i>For Valve Bracket Insulation, Add</i>	38.20	
23 21 13 23-2232	EA		6" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body.....	1,066.17	36.66
			<i>For Chain Wheel, Add</i>	43.45	
			<i>For Valve Bracket Insulation, Add</i>	38.20	
23 21 13 23-2233	EA		8" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body.....	1,164.44	51.52
			<i>For Chain Wheel, Add</i>	43.45	
			<i>For Valve Bracket Insulation, Add</i>	38.20	
23 21 13 23-2234			Polyvinyl Chloride (PVC) Pressure Pipe And Fittings <small>(23 21 13 23)</small>		
			Note: Socket or back weld.		
23 21 13 23-2235			Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe And Fittings <small>(23 21 13 23-2234)</small>		
			Note: ASTM D1785 with D2466 fittings.		
23 21 13 23-2236			Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe <small>(23 21 13 23-2235)</small>		
23 21 13 23-2237	LF		1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe.....	5.30	3.05
			<i>For Work In Restricted Working Space, Add</i>	1.37	
23 21 13 23-2238	LF		3/4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe.....	6.65	3.82
			<i>For Work In Restricted Working Space, Add</i>	1.72	
23 21 13 23-2239	LF		1" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe.....	7.43	4.07
			<i>For Work In Restricted Working Space, Add</i>	1.83	
23 21 13 23-2240	LF		1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe.....	8.32	4.38
			<i>For Work In Restricted Working Space, Add</i>	1.97	
23 21 13 23-2241	LF		1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe.....	8.67	4.45
			<i>For Work In Restricted Working Space, Add</i>	2.00	
23 21 13 23-2242	LF		2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe.....	10.72	5.33
			<i>For Work In Restricted Working Space, Add</i>	2.40	
23 21 13 23-2243	LF		2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe.....	13.79	6.34
			<i>For Work In Restricted Working Space, Add</i>	2.85	
23 21 13 23-2244	LF		3" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe.....	17.06	7.67
			<i>For Work In Restricted Working Space, Add</i>	3.45	
23 21 13 23-2245	LF		4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe.....	25.26	11.49
			<i>For Work In Restricted Working Space, Add</i>	5.17	
23 21 13 23-2246	LF		6" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe.....	36.98	15.33
			<i>For Work In Restricted Working Space, Add</i>	6.90	
23 21 13 23-2247	LF		8" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe.....	48.66	18.26
			<i>For Work In Restricted Working Space, Add</i>	8.22	
23 21 13 23-2248	LF		10" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe.....	95.63	20.41
			<i>For Work In Restricted Working Space, Add</i>	9.17	
23 21 13 23-2249			Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows <small>(23 21 13 23-2235)</small>		
23 21 13 23-2250	EA		1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows.....	18.07	11.54
			<i>For Work In Restricted Working Space, Add</i>	5.17	
23 21 13 23-2251	EA		3/4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows.....	24.16	15.28
			<i>For Work In Restricted Working Space, Add</i>	6.90	
23 21 13 23-2252	EA		1" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows.....	30.58	19.03
			<i>For Work In Restricted Working Space, Add</i>	8.55	
23 21 13 23-2253	EA		1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows.....	44.16	26.94
			<i>For Work In Restricted Working Space, Add</i>	12.10	
23 21 13 23-2254	EA		1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows.....	49.56	30.35
			<i>For Work In Restricted Working Space, Add</i>	13.64	
23 21 13 23-2255	EA		2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows.....	64.18	38.58
			<i>For Work In Restricted Working Space, Add</i>	17.33	
23 21 13 23-2256	EA		2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows.....	104.98	57.08
			<i>For Work In Restricted Working Space, Add</i>	25.65	
23 21 13 23-2257	EA		3" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows.....	135.90	75.04
			<i>For Work In Restricted Working Space, Add</i>	33.75	
23 21 13 23-2258	EA		4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows.....	175.40	89.14
			<i>For Work In Restricted Working Space, Add</i>	40.08	
23 21 13 23-2259	EA		6" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows.....	252.77	101.86
			<i>For Work In Restricted Working Space, Add</i>	45.81	
23 21 13 23-2260	EA		8" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows.....	435.81	118.86
			<i>For Work In Restricted Working Space, Add</i>	53.44	
23 21 13 23-2261	EA		10" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows.....	651.75	177.21
			<i>For Work In Restricted Working Space, Add</i>	79.69	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

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23 21 13 23-2262	Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows <small>(23 21 13 23-2235)</small>		
23 21 13 23-2263	EA 1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	18.49	11.54
	<i>For Work In Restricted Working Space, Add</i>	5.17	
23 21 13 23-2264	EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	24.99	15.28
	<i>For Work In Restricted Working Space, Add</i>	6.90	
23 21 13 23-2265	EA 1" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	31.75	19.03
	<i>For Work In Restricted Working Space, Add</i>	8.55	
23 21 13 23-2266	EA 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	44.91	26.94
	<i>For Work In Restricted Working Space, Add</i>	12.10	
23 21 13 23-2267	EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	51.22	30.35
	<i>For Work In Restricted Working Space, Add</i>	13.64	
23 21 13 23-2268	EA 2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	65.26	38.58
	<i>For Work In Restricted Working Space, Add</i>	17.33	
23 21 13 23-2269	EA 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	104.98	57.08
	<i>For Work In Restricted Working Space, Add</i>	25.65	
23 21 13 23-2270	EA 3" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	142.90	75.04
	<i>For Work In Restricted Working Space, Add</i>	33.75	
23 21 13 23-2271	EA 4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	188.14	89.14
	<i>For Work In Restricted Working Space, Add</i>	40.08	
23 21 13 23-2272	EA 6" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	253.94	101.86
	<i>For Work In Restricted Working Space, Add</i>	45.81	
23 21 13 23-2273	EA 8" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	421.74	118.86
	<i>For Work In Restricted Working Space, Add</i>	53.44	
23 21 13 23-2274	EA 10" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	651.75	177.21
	<i>For Work In Restricted Working Space, Add</i>	79.69	
23 21 13 23-2275	Schedule 40 Polyvinyl Chloride (PVC) Tees <small>(23 21 13 23-2235)</small>		
23 21 13 23-2276	EA 1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees	29.50	19.03
	<i>For Work In Restricted Working Space, Add</i>	8.55	
23 21 13 23-2277	EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) Tees	35.56	22.98
	<i>For Work In Restricted Working Space, Add</i>	10.34	
23 21 13 23-2278	EA 1" Schedule 40 Polyvinyl Chloride (PVC) Tees	47.56	30.35
	<i>For Work In Restricted Working Space, Add</i>	13.64	
23 21 13 23-2279	EA 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Tees	61.10	38.58
	<i>For Work In Restricted Working Space, Add</i>	17.33	
23 21 13 23-2280	EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees	73.04	45.97
	<i>For Work In Restricted Working Space, Add</i>	20.69	
23 21 13 23-2281	EA 2" Schedule 40 Polyvinyl Chloride (PVC) Tees	91.41	57.08
	<i>For Work In Restricted Working Space, Add</i>	25.65	
23 21 13 23-2282	EA 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees	132.16	75.04
	<i>For Work In Restricted Working Space, Add</i>	33.75	
23 21 13 23-2283	EA 3" Schedule 40 Polyvinyl Chloride (PVC) Tees	159.34	89.14
	<i>For Work In Restricted Working Space, Add</i>	40.08	
23 21 13 23-2284	EA 4" Schedule 40 Polyvinyl Chloride (PVC) Tees	224.76	118.86
	<i>For Work In Restricted Working Space, Add</i>	53.44	
23 21 13 23-2285	EA 6" Schedule 40 Polyvinyl Chloride (PVC) Tees	387.04	153.28
	<i>For Work In Restricted Working Space, Add</i>	68.96	
23 21 13 23-2286	EA 8" Schedule 40 Polyvinyl Chloride (PVC) Tees	649.68	190.15
	<i>For Work In Restricted Working Space, Add</i>	85.51	
23 21 13 23-2287	EA 10" Schedule 40 Polyvinyl Chloride (PVC) Tees	1,852.84	284.10
	<i>For Work In Restricted Working Space, Add</i>	127.79	
23 21 13 23-2288	Schedule 40 Polyvinyl Chloride (PVC) Crosses <small>(23 21 13 23-2235)</small>		
23 21 13 23-2289	EA 1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses	37.20	23.73
	<i>For Work In Restricted Working Space, Add</i>	10.69	
23 21 13 23-2290	EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) Crosses	44.79	28.75
	<i>For Work In Restricted Working Space, Add</i>	12.93	
23 21 13 23-2291	EA 1" Schedule 40 Polyvinyl Chloride (PVC) Crosses	60.13	37.95
	<i>For Work In Restricted Working Space, Add</i>	17.06	
23 21 13 23-2292	EA 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Crosses	77.44	48.20
	<i>For Work In Restricted Working Space, Add</i>	21.67	
23 21 13 23-2293	EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses	92.59	57.50
	<i>For Work In Restricted Working Space, Add</i>	25.86	
23 21 13 23-2294	EA 2" Schedule 40 Polyvinyl Chloride (PVC) Crosses	116.16	71.29
	<i>For Work In Restricted Working Space, Add</i>	32.07	
23 21 13 23-2295	EA 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses	171.44	93.85
	<i>For Work In Restricted Working Space, Add</i>	42.19	
23 21 13 23-2296	EA 3" Schedule 40 Polyvinyl Chloride (PVC) Crosses	207.33	111.37
	<i>For Work In Restricted Working Space, Add</i>	50.10	
23 21 13 23-2297	EA 4" Schedule 40 Polyvinyl Chloride (PVC) Crosses	295.77	148.57
	<i>For Work In Restricted Working Space, Add</i>	66.80	
23 21 13 23-2298	EA 6" Schedule 40 Polyvinyl Chloride (PVC) Crosses	533.61	191.54
	<i>For Work In Restricted Working Space, Add</i>	86.16	
23 21 13 23-2299	EA 8" Schedule 40 Polyvinyl Chloride (PVC) Crosses	927.72	237.50
	<i>For Work In Restricted Working Space, Add</i>	106.83	
23 21 13 23-2300	EA 10" Schedule 40 Polyvinyl Chloride (PVC) Crosses	2,769.49	355.29
	<i>For Work In Restricted Working Space, Add</i>	159.82	
23 21 13 23-2301	Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <small>(23 21 13 23-2235)</small>		
23 21 13 23-2302	EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	18.63	11.76
	<i>For Work In Restricted Working Space, Add</i>	5.36	
23 21 13 23-2303	EA 1" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	24.47	15.07
	<i>For Work In Restricted Working Space, Add</i>	6.87	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2304	EA		1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	32.67 9.18	20.20
23 21 13 23-2305	EA		1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	40.30 11.44	25.11
23 21 13 23-2306	EA		2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	49.56 13.77	30.25
23 21 13 23-2307	EA		2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	69.51 19.10	42.01
23 21 13 23-2308	EA		3" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	96.75 26.40	58.04
23 21 13 23-2309	EA		4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	129.12 32.82	72.15
23 21 13 23-2310	EA		6" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	176.28 38.18	84.01
23 21 13 23-2311	EA		8" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	428.98 44.11	97.05
23 21 13 23-2312	EA		10" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	510.22 59.17	130.19
23 21 13 23-2313 Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts (23 21 13 23-2325)					
23 21 13 23-2314	EA		1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	18.99 5.17	11.54
23 21 13 23-2315	EA		3/4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	24.74 6.90	15.28
23 21 13 23-2316	EA		1" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	30.66 8.55	19.03
23 21 13 23-2317	EA		1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	43.66 12.10	26.94
23 21 13 23-2318	EA		1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	49.31 13.64	30.35
23 21 13 23-2319	EA		2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	63.01 17.33	38.58
23 21 13 23-2320	EA		2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	93.08 25.65	57.08
23 21 13 23-2321	EA		3" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	121.25 33.75	75.04
23 21 13 23-2322	EA		4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	153.34 40.08	89.14
23 21 13 23-2323 Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters (23 21 13 23-2325)					
23 21 13 23-2324	EA		1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <i>For Work In Restricted Working Space, Add</i>	19.57 5.17	11.54
23 21 13 23-2325	EA		3/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <i>For Work In Restricted Working Space, Add</i>	25.32 6.90	15.28
23 21 13 23-2326	EA		1" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <i>For Work In Restricted Working Space, Add</i>	31.83 8.55	19.03
23 21 13 23-2327	EA		1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <i>For Work In Restricted Working Space, Add</i>	44.33 12.10	26.94
23 21 13 23-2328	EA		1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <i>For Work In Restricted Working Space, Add</i>	50.81 13.64	30.35
23 21 13 23-2329	EA		2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <i>For Work In Restricted Working Space, Add</i>	64.35 17.33	38.58
23 21 13 23-2330	EA		2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <i>For Work In Restricted Working Space, Add</i>	94.57 25.65	57.08
23 21 13 23-2331	EA		3" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <i>For Work In Restricted Working Space, Add</i>	125.83 33.75	75.04
23 21 13 23-2332	EA		4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <i>For Work In Restricted Working Space, Add</i>	150.68 40.08	89.14
23 21 13 23-2333 Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters (23 21 13 23-2325)					
23 21 13 23-2334	EA		1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters <i>For Work In Restricted Working Space, Add</i>	18.07 5.17	11.54
23 21 13 23-2335	EA		3/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters <i>For Work In Restricted Working Space, Add</i>	24.07 6.90	15.28
23 21 13 23-2336	EA		1" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters <i>For Work In Restricted Working Space, Add</i>	29.75 8.55	19.03
23 21 13 23-2337	EA		1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters <i>For Work In Restricted Working Space, Add</i>	42.33 12.10	26.94
23 21 13 23-2338	EA		1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters <i>For Work In Restricted Working Space, Add</i>	47.81 13.64	30.35
23 21 13 23-2339	EA		2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters <i>For Work In Restricted Working Space, Add</i>	60.93 17.33	38.58
23 21 13 23-2340	EA		2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters <i>For Work In Restricted Working Space, Add</i>	99.23 25.65	57.08
23 21 13 23-2341	EA		3" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters <i>For Work In Restricted Working Space, Add</i>	130.99 33.75	75.04
23 21 13 23-2342	EA		4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters <i>For Work In Restricted Working Space, Add</i>	164.16 40.08	89.14
23 21 13 23-2343 Schedule 40 Polyvinyl Chloride (PVC) P-Traps (23 21 13 23-2325)					

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-2344	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) P-Traps..... <i>For Work In Restricted Working Space, Add</i>	29.59 7.05	15.71
23 21	13 23-2345		Schedule 40 Polyvinyl Chloride (PVC) Couplings (23 21 13 23-2335)		
23 21	13 23-2346	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i>	17.74 5.17	11.54
23 21	13 23-2347	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i>	23.66 6.90	15.28
23 21	13 23-2348	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i>	29.75 8.55	19.03
23 21	13 23-2349	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	42.00 12.10	26.94
23 21	13 23-2350	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	47.31 13.64	30.35
23 21	13 23-2351	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i>	60.60 17.33	38.58
23 21	13 23-2352	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	91.83 25.65	57.08
23 21	13 23-2353	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i>	122.42 33.75	75.04
23 21	13 23-2354	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i>	148.01 40.08	89.14
23 21	13 23-2355	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i>	198.32 45.81	101.86
23 21	13 23-2356	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i>	263.39 53.44	118.86
23 21	13 23-2357	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i>	582.23 57.29	127.41
23 21	13 23-2358		Schedule 40 Polyvinyl Chloride (PVC) Unions (23 21 13 23-2335)		
23 21	13 23-2359	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	34.75 8.55	19.03
23 21	13 23-2360	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	48.55 10.34	22.98
23 21	13 23-2361	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	61.21 13.64	30.35
23 21	13 23-2362	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	96.07 17.33	38.58
23 21	13 23-2363	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	108.92 20.69	45.97
23 21	13 23-2364	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	139.36 25.65	57.08
23 21	13 23-2365	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	210.25 33.75	75.04
23 21	13 23-2366	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	237.18 40.08	89.14
23 21	13 23-2367	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	383.52 53.44	118.86
23 21	13 23-2368	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	505.08 68.93	153.28
23 21	13 23-2369	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	739.09 85.46	190.05
23 21	13 23-2370	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	1,102.41 106.12	235.90
23 21	13 23-2371		Schedule 40 Polyvinyl Chloride (PVC) Caps (23 21 13 23-2335)		
23 21	13 23-2372	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	8.53 2.36	5.19
23 21	13 23-2373	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	11.18 3.11	6.84
23 21	13 23-2374	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	14.15 3.85	8.44
23 21	13 23-2375	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	20.22 5.52	12.12
23 21	13 23-2376	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	22.47 6.14	13.47
23 21	13 23-2377	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	28.40 7.80	17.21
23 21	13 23-2378	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	46.39 11.54	25.44
23 21	13 23-2379	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	59.20 15.19	33.45
23 21	13 23-2380	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	79.77 18.04	39.66
23 21	13 23-2381	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	115.76 20.62	45.32
23 21	13 23-2382	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	237.52 24.05	52.91
23 21	13 23-2383	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	701.72 35.86	78.89
23 21	13 23-2384		Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges (23 21 13 23-2335)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-2385	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Socket Weld Flanges <i>For Work In Restricted Working Space, Add</i>	45.23 8.55	19.03
23 21	13 23-2386	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	60.12 10.34	22.98
23 21	13 23-2387	EA	1" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	74.03 13.64	30.35
23 21	13 23-2388	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	87.16 17.33	38.58
23 21	13 23-2389	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	99.01 20.69	45.97
23 21	13 23-2390	EA	2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	125.46 25.65	57.08
23 21	13 23-2391	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	174.20 33.75	75.04
23 21	13 23-2392	EA	3" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	201.71 40.08	89.14
23 21	13 23-2393	EA	4" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	264.39 53.44	118.86
23 21	13 23-2394	EA	6" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	365.38 68.93	153.28
23 21	13 23-2395	EA	8" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	590.82 85.46	190.05
23 21	13 23-2396	EA	10" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	1,042.74 105.95	235.58
23 21	13 23-2397		Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe And Fittings (23 21 13 23-2394) Note: ASTM D1785 with D2467 fittings.		
23 21	13 23-2398		Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe (23 21 13 23-2397)		
23 21	13 23-2399	LF	1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	5.50 1.37	3.10
23 21	13 23-2400	LF	3/4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	6.90 1.72	3.85
23 21	13 23-2401	LF	1" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	8.61 2.06	4.59
23 21	13 23-2402	LF	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	10.39 2.41	5.35
23 21	13 23-2403	LF	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	11.99 2.75	6.09
23 21	13 23-2404	LF	2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	15.58 3.45	7.70
23 21	13 23-2405	LF	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	18.73 3.80	8.44
23 21	13 23-2406	LF	3" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	21.86 4.14	9.20
23 21	13 23-2407	LF	4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	29.09 5.17	11.54
23 21	13 23-2408	LF	6" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	45.51 6.90	15.28
23 21	13 23-2409	LF	8" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	61.73 8.22	18.27
23 21	13 23-2410	LF	10" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	135.24 8.86	19.66
23 21	13 23-2411		Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows (23 21 13 23-2397)		
23 21	13 23-2412	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	20.24 5.17 2.59	11.54
23 21	13 23-2413	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	26.90 6.90 3.45	15.28
23 21	13 23-2414	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	34.83 8.55 4.28	19.03
23 21	13 23-2415	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	48.74 12.10 6.05	26.94
23 21	13 23-2416	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	54.47 13.64 6.82	30.35
23 21	13 23-2417	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	68.68 17.33 8.67	38.58
23 21	13 23-2418	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	111.06 25.65 12.83	57.08
23 21	13 23-2419	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	141.23 33.75 16.88	75.04
23 21	13 23-2420	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	177.23 40.08 20.04	89.14
23 21	13 23-2421	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	310.30 45.81 22.91	101.86

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**
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23 21 13 23-2422	EA	8" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	520.73	118.86
		<i>For Work In Restricted Working Space, Add</i>	53.44	
		<i>For Threaded Fittings, Add</i>	26.72	
23 21 13 23-2423	EA	10" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	651.75	177.21
		<i>For Work In Restricted Working Space, Add</i>	79.69	
		<i>For Threaded Fittings, Add</i>	39.84	
23 21 13 23-2424		Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows <small>(23 21 13 23-2397)</small>		
23 21 13 23-2425	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	22.98	11.54
		<i>For Work In Restricted Working Space, Add</i>	5.17	
		<i>For Threaded Fittings, Add</i>	2.59	
23 21 13 23-2426	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	31.73	15.28
		<i>For Work In Restricted Working Space, Add</i>	6.90	
		<i>For Threaded Fittings, Add</i>	3.45	
23 21 13 23-2427	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	41.65	19.03
		<i>For Work In Restricted Working Space, Add</i>	8.55	
		<i>For Threaded Fittings, Add</i>	4.28	
23 21 13 23-2428	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	57.15	26.94
		<i>For Work In Restricted Working Space, Add</i>	12.10	
		<i>For Threaded Fittings, Add</i>	6.05	
23 21 13 23-2429	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	65.29	30.35
		<i>For Work In Restricted Working Space, Add</i>	13.64	
		<i>For Threaded Fittings, Add</i>	6.82	
23 21 13 23-2430	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	83.50	38.58
		<i>For Work In Restricted Working Space, Add</i>	17.33	
		<i>For Threaded Fittings, Add</i>	8.67	
23 21 13 23-2431	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	139.62	57.08
		<i>For Work In Restricted Working Space, Add</i>	25.65	
		<i>For Threaded Fittings, Add</i>	12.83	
23 21 13 23-2432	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	178.37	75.04
		<i>For Work In Restricted Working Space, Add</i>	33.75	
		<i>For Threaded Fittings, Add</i>	16.88	
23 21 13 23-2433	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	252.25	89.14
		<i>For Work In Restricted Working Space, Add</i>	40.08	
		<i>For Threaded Fittings, Add</i>	20.04	
23 21 13 23-2434	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	302.07	101.86
		<i>For Work In Restricted Working Space, Add</i>	45.81	
		<i>For Threaded Fittings, Add</i>	22.91	
23 21 13 23-2435	EA	8" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	502.01	118.86
		<i>For Work In Restricted Working Space, Add</i>	53.44	
		<i>For Threaded Fittings, Add</i>	26.72	
23 21 13 23-2436	EA	10" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	630.71	177.21
		<i>For Work In Restricted Working Space, Add</i>	79.69	
		<i>For Threaded Fittings, Add</i>	39.84	
23 21 13 23-2437		Schedule 80 Polyvinyl Chloride (PVC) Tees <small>(23 21 13 23-2397)</small>		
23 21 13 23-2438	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees	35.64	18.06
		<i>For Work In Restricted Working Space, Add</i>	8.12	
		<i>For Threaded Fittings, Add</i>	4.06	
23 21 13 23-2439	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Tees	43.47	22.98
		<i>For Work In Restricted Working Space, Add</i>	10.34	
		<i>For Threaded Fittings, Add</i>	5.17	
23 21 13 23-2440	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Tees	56.72	30.35
		<i>For Work In Restricted Working Space, Add</i>	13.64	
		<i>For Threaded Fittings, Add</i>	6.82	
23 21 13 23-2441	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Tees	88.83	38.58
		<i>For Work In Restricted Working Space, Add</i>	17.33	
		<i>For Threaded Fittings, Add</i>	8.67	
23 21 13 23-2442	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees	100.02	45.97
		<i>For Work In Restricted Working Space, Add</i>	20.69	
		<i>For Threaded Fittings, Add</i>	10.34	
23 21 13 23-2443	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Tees	124.38	57.08
		<i>For Work In Restricted Working Space, Add</i>	25.65	
		<i>For Threaded Fittings, Add</i>	12.83	
23 21 13 23-2444	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees	154.81	75.04
		<i>For Work In Restricted Working Space, Add</i>	33.75	
		<i>For Threaded Fittings, Add</i>	16.88	
23 21 13 23-2445	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Tees	186.40	89.14
		<i>For Work In Restricted Working Space, Add</i>	40.08	
		<i>For Threaded Fittings, Add</i>	20.04	
23 21 13 23-2446	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Tees	239.33	118.86
		<i>For Work In Restricted Working Space, Add</i>	53.44	
		<i>For Threaded Fittings, Add</i>	26.72	
23 21 13 23-2447	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Tees	438.92	153.28
		<i>For Work In Restricted Working Space, Add</i>	68.96	
		<i>For Threaded Fittings, Add</i>	34.48	
23 21 13 23-2448	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Tees	769.93	190.15
		<i>For Work In Restricted Working Space, Add</i>	85.51	
		<i>For Threaded Fittings, Add</i>	42.75	
23 21 13 23-2449	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Tees	1,852.94	284.10
		<i>For Work In Restricted Working Space, Add</i>	127.79	
		<i>For Threaded Fittings, Add</i>	63.90	
23 21 13 23-2450		Schedule 80 Polyvinyl Chloride (PVC) Crosses <small>(23 21 13 23-2397)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-2451	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	47.27 10.15 5.07	22.55
23 21	13 23-2452	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	57.18 12.93 6.46	28.75
23 21	13 23-2453	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	74.48 17.06 8.53	37.95
23 21	13 23-2454	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	120.90 21.67 10.83	48.20
23 21	13 23-2455	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	134.88 25.86 12.93	57.50
23 21	13 23-2456	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	167.84 32.07 16.03	71.29
23 21	13 23-2457	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	206.95 42.19 21.10	93.85
23 21	13 23-2458	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	249.76 50.10 25.05	111.37
23 21	13 23-2459	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	318.61 66.80 33.40	148.57
23 21	13 23-2460	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	614.94 86.16 43.08	191.54
23 21	13 23-2461	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	1,116.22 106.83 53.42	237.50
23 21	13 23-2462	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	2,769.64 159.82 79.91	355.29
23 21 13 23-2463 Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts (23 21 13 23-2397)					
23 21	13 23-2464	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	24.74 6.90	15.28
23 21	13 23-2465	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	33.58 8.55	19.03
23 21	13 23-2466	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	48.32 12.10	26.94
23 21	13 23-2467	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	56.39 13.64	30.35
23 21	13 23-2468	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	73.34 17.33	38.58
23 21	13 23-2469	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	112.47 25.65	57.08
23 21	13 23-2470	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	155.38 33.75	75.04
23 21	13 23-2471	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	193.05 40.08	89.14
23 21	13 23-2472	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	218.63 45.81	101.86
23 21	13 23-2473	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	324.49 53.44	118.86
23 21	13 23-2474	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	519.97 62.09	137.99
23 21 13 23-2475 Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts (23 21 13 23-2397)					
23 21	13 23-2476	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	17.82 5.17	11.54
23 21	13 23-2477	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	26.24 6.90	15.28
23 21	13 23-2478	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	33.58 8.55	19.03
23 21	13 23-2479	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	50.65 12.10	26.94
23 21	13 23-2480	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	58.47 13.64	30.35
23 21	13 23-2481	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	73.67 17.33	38.58
23 21	13 23-2482	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	119.13 25.65	57.08
23 21	13 23-2483	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	174.78 33.75	75.04
23 21	13 23-2484	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	229.35 40.08	89.14
23 21 13 23-2485 Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters (23 21 13 23-2397)					
23 21	13 23-2486	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <i>For Work In Restricted Working Space, Add</i>	24.32 5.17	11.54

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23 21 13 23-2487	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	30.82	15.28
		<i>For Work In Restricted Working Space, Add</i>	6.90	
23 21 13 23-2488	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	42.15	19.03
		<i>For Work In Restricted Working Space, Add</i>	8.55	
23 21 13 23-2489	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	56.32	26.94
		<i>For Work In Restricted Working Space, Add</i>	12.10	
23 21 13 23-2490	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	68.46	30.35
		<i>For Work In Restricted Working Space, Add</i>	13.64	
23 21 13 23-2491	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	87.74	38.58
		<i>For Work In Restricted Working Space, Add</i>	17.33	
23 21 13 23-2492	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	119.63	57.08
		<i>For Work In Restricted Working Space, Add</i>	25.65	
23 21 13 23-2493	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	150.39	75.04
		<i>For Work In Restricted Working Space, Add</i>	33.75	
23 21 13 23-2494	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	200.96	89.14
		<i>For Work In Restricted Working Space, Add</i>	40.08	

23 21 13 23-2495 Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters
(23 21 13 23-2397)

23 21 13 23-2496	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	22.40	11.54
		<i>For Work In Restricted Working Space, Add</i>	5.17	
23 21 13 23-2497	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	30.65	15.28
		<i>For Work In Restricted Working Space, Add</i>	6.90	
23 21 13 23-2498	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	39.82	19.03
		<i>For Work In Restricted Working Space, Add</i>	8.55	
23 21 13 23-2499	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	58.73	26.94
		<i>For Work In Restricted Working Space, Add</i>	12.10	
23 21 13 23-2500	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	68.04	30.35
		<i>For Work In Restricted Working Space, Add</i>	13.64	
23 21 13 23-2501	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	97.06	38.58
		<i>For Work In Restricted Working Space, Add</i>	17.33	
23 21 13 23-2502	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	147.61	57.08
		<i>For Work In Restricted Working Space, Add</i>	25.65	
23 21 13 23-2503	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	182.44	75.04
		<i>For Work In Restricted Working Space, Add</i>	33.75	
23 21 13 23-2504	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	253.82	89.14
		<i>For Work In Restricted Working Space, Add</i>	40.08	

23 21 13 23-2505 Schedule 80 Polyvinyl Chloride (PVC) Couplings
(23 21 13 23-2397)

23 21 13 23-2506	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings	22.73	11.54
		<i>For Work In Restricted Working Space, Add</i>	5.17	
		<i>For Threaded Fittings, Add</i>	2.59	
23 21 13 23-2507	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Couplings	30.40	15.28
		<i>For Work In Restricted Working Space, Add</i>	6.90	
		<i>For Threaded Fittings, Add</i>	3.45	
23 21 13 23-2508	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Couplings	36.16	19.03
		<i>For Work In Restricted Working Space, Add</i>	8.55	
		<i>For Threaded Fittings, Add</i>	4.28	
23 21 13 23-2509	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Couplings	52.07	26.94
		<i>For Work In Restricted Working Space, Add</i>	12.10	
		<i>For Threaded Fittings, Add</i>	6.05	
23 21 13 23-2510	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings	58.13	30.35
		<i>For Work In Restricted Working Space, Add</i>	13.64	
		<i>For Threaded Fittings, Add</i>	6.82	
23 21 13 23-2511	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Couplings	71.26	38.58
		<i>For Work In Restricted Working Space, Add</i>	17.33	
		<i>For Threaded Fittings, Add</i>	8.67	
23 21 13 23-2512	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings	118.88	57.08
		<i>For Work In Restricted Working Space, Add</i>	25.65	
		<i>For Threaded Fittings, Add</i>	12.83	
23 21 13 23-2513	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Couplings	150.89	75.04
		<i>For Work In Restricted Working Space, Add</i>	33.75	
		<i>For Threaded Fittings, Add</i>	16.88	
23 21 13 23-2514	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Couplings	181.73	89.14
		<i>For Work In Restricted Working Space, Add</i>	40.08	
		<i>For Threaded Fittings, Add</i>	20.04	
23 21 13 23-2515	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Couplings	256.18	101.86
		<i>For Work In Restricted Working Space, Add</i>	45.81	
		<i>For Threaded Fittings, Add</i>	22.91	
23 21 13 23-2516	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Couplings	319.00	118.86
		<i>For Work In Restricted Working Space, Add</i>	53.44	
		<i>For Threaded Fittings, Add</i>	26.72	
23 21 13 23-2517	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Couplings	607.20	127.41
		<i>For Work In Restricted Working Space, Add</i>	57.29	
		<i>For Threaded Fittings, Add</i>	28.64	

23 21 13 23-2518 Schedule 80 Polyvinyl Chloride (PVC) Unions
(23 21 13 23-2397)

23 21 13 23-2519	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions	40.82	19.03
		<i>For Work In Restricted Working Space, Add</i>	8.55	
23 21 13 23-2520	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Unions	48.72	22.98
		<i>For Work In Restricted Working Space, Add</i>	10.34	
23 21 13 23-2521	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Unions	61.71	30.35
		<i>For Work In Restricted Working Space, Add</i>	13.64	
23 21 13 23-2522	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Unions	98.40	38.58
		<i>For Work In Restricted Working Space, Add</i>	17.33	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2523	EA		1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	121.24 20.69	45.97
23 21 13 23-2524	EA		2" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	156.35 25.65	57.08
23 21 13 23-2525	EA		2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	244.42 33.75	75.04
23 21 13 23-2526	EA		3" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	303.64 40.08	89.14
23 21 13 23-2527	EA		4" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	384.02 53.44	118.86
23 21 13 23-2528	EA		6" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	505.08 68.93	153.28
23 21 13 23-2529	EA		8" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	739.09 85.46	190.05
23 21 13 23-2530	EA		10" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	1,101.85 105.95	235.58
23 21 13 23-2531			Schedule 80 Polyvinyl Chloride (PVC) Threaded Unions <small>(23 21 13 23-2397)</small>		
23 21 13 23-2532	EA		1/2", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	42.78	23.75
23 21 13 23-2533	EA		3/4", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	51.17	27.47
23 21 13 23-2534	EA		1", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	62.04	32.39
23 21 13 23-2535	EA		1-1/4", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	83.37	38.58
23 21 13 23-2536	EA		1-1/2", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	100.51	45.97
23 21 13 23-2537	EA		2", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	133.68	57.08
23 21 13 23-2538	EA		3", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	287.90	110.63
23 21 13 23-2539	EA		4", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	311.98	122.71
23 21 13 23-2540			Schedule 80 Polyvinyl Chloride (PVC) Caps <small>(23 21 13 23-2397)</small>		
23 21 13 23-2541	EA		1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	15.50 2.33 1.16	5.13
23 21 13 23-2542	EA		3/4" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	18.51 3.11 1.55	6.84
23 21 13 23-2543	EA		1" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	27.31 3.85 1.92	8.44
23 21 13 23-2544	EA		1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	35.63 5.45 2.72	11.97
23 21 13 23-2545	EA		1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	37.95 6.14 3.07	13.47
23 21 13 23-2546	EA		2" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	52.21 7.80 3.90	17.21
23 21 13 23-2547	EA		2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	92.34 11.54 5.77	25.44
23 21 13 23-2548	EA		3" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	116.48 15.19 7.59	33.45
23 21 13 23-2549	EA		4" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	166.02 18.04 9.02	39.66
23 21 13 23-2550	EA		6" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	331.80 20.62 10.31	45.32
23 21 13 23-2551	EA		8" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	441.57 24.05 12.03	52.91
23 21 13 23-2552	EA		10" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	784.97 35.86 17.93	78.89
23 21 13 23-2553			Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <small>(23 21 13 23-2397)</small>		
23 21 13 23-2554	EA		1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	52.39 8.55 4.28	19.03
23 21 13 23-2555	EA		3/4" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	60.12 10.34 5.17	22.98
23 21 13 23-2556	EA		1" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	74.04 13.64 6.82	30.35
23 21 13 23-2557	EA		1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	87.16 17.33 8.67	38.58
23 21 13 23-2558	EA		1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	99.01 20.69 10.34	45.97
23 21 13 23-2559	EA		2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	125.46 25.65 12.83	57.08

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 13 23-2560	EA	2-1/2"	Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	174.20	75.04
			<i>For Work In Restricted Working Space, Add</i>	33.75	
			<i>For Threaded Fittings, Add</i>	16.88	
23 21 13 23-2561	EA	3"	Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	201.71	89.14
			<i>For Work In Restricted Working Space, Add</i>	40.08	
			<i>For Threaded Fittings, Add</i>	20.04	
23 21 13 23-2562	EA	4"	Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	264.39	118.86
			<i>For Work In Restricted Working Space, Add</i>	53.44	
			<i>For Threaded Fittings, Add</i>	26.72	
23 21 13 23-2563	EA	6"	Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	365.39	153.28
			<i>For Work In Restricted Working Space, Add</i>	68.93	
			<i>For Threaded Fittings, Add</i>	34.47	
23 21 13 23-2564	EA	8"	Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	590.83	190.05
			<i>For Work In Restricted Working Space, Add</i>	85.46	
			<i>For Threaded Fittings, Add</i>	42.73	
23 21 13 23-2565	EA	10"	Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	1,042.74	235.58
			<i>For Work In Restricted Working Space, Add</i>	105.95	
			<i>For Threaded Fittings, Add</i>	52.98	
23 21 13 23-2566			Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe <small>(23 21 13 23-2234)</small>		
			Note: In place pipe.		
23 21 13 23-2567	EA	1/2"	Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	5.80	
			<i>For Work In Restricted Working Space, Add</i>	1.74	
23 21 13 23-2568	EA	3/4"	Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	6.27	
			<i>For Work In Restricted Working Space, Add</i>	1.88	
23 21 13 23-2569	EA	1"	Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	7.05	
			<i>For Work In Restricted Working Space, Add</i>	2.12	
23 21 13 23-2570	EA	1-1/4"	Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	7.40	
			<i>For Work In Restricted Working Space, Add</i>	2.22	
23 21 13 23-2571	EA	1-1/2"	Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	7.83	
			<i>For Work In Restricted Working Space, Add</i>	2.35	
23 21 13 23-2572	EA	2"	Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	8.62	
			<i>For Work In Restricted Working Space, Add</i>	2.59	
23 21 13 23-2573	EA	2-1/2"	Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	9.28	
			<i>For Work In Restricted Working Space, Add</i>	2.78	
23 21 13 23-2574	EA	3"	Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	10.96	
			<i>For Work In Restricted Working Space, Add</i>	3.29	
23 21 13 23-2575	EA	4"	Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	14.80	
			<i>For Work In Restricted Working Space, Add</i>	4.44	
23 21 13 23-2576	EA	6"	Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	21.15	
			<i>For Work In Restricted Working Space, Add</i>	6.35	
23 21 13 23-2577	EA	8"	Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	28.20	
			<i>For Work In Restricted Working Space, Add</i>	8.46	
23 21 13 23-2578	EA	10"	Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	34.48	
			<i>For Work In Restricted Working Space, Add</i>	10.34	
23 21 13 23-2579			Polyvinylidene Fluoride (PVDF), Socket Weld <small>(23 21 13 23)</small>		
23 21 13 23-2580			Pipe <small>(23 21 13 23-2579)</small>		
23 21 13 23-2581	LF	1/2"	Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	38.39	3.10
23 21 13 23-2582	LF	3/4"	Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	51.41	3.85
23 21 13 23-2583	LF	1"	Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	72.65	4.06
23 21 13 23-2584	LF	1-1/2"	Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	101.73	4.49
23 21 13 23-2585	LF	2"	Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	128.93	5.35
23 21 13 23-2586			90 Degree Elbows <small>(23 21 13 23-2579)</small>		
23 21 13 23-2587	EA	1/2"	90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	51.93	11.43
23 21 13 23-2588	EA	3/4"	90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	69.35	15.28
23 21 13 23-2589	EA	1"	90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	116.84	19.03
23 21 13 23-2590	EA	1-1/2"	90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	203.68	30.35
23 21 13 23-2591	EA	2"	90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	265.89	38.58
23 21 13 23-2592			45 Degree Elbows <small>(23 21 13 23-2579)</small>		
23 21 13 23-2593	EA	1/2"	45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	60.68	11.54
23 21 13 23-2594	EA	3/4"	45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	81.67	15.28
23 21 13 23-2595	EA	1"	45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	116.84	19.03
23 21 13 23-2596	EA	1-1/2"	45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	174.18	30.35
23 21 13 23-2597	EA	2"	45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	258.11	38.58
23 21 13 23-2598			Tees <small>(23 21 13 23-2579)</small>		
23 21 13 23-2599	EA	1/2"	Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	97.23	19.03
23 21 13 23-2600	EA	3/4"	Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	107.42	22.98
23 21 13 23-2601	EA	1"	Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	156.67	30.35
23 21 13 23-2602	EA	1-1/2"	Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	259.25	45.97
23 21 13 23-2603	EA	2"	Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	385.04	57.08
23 21 13 23-2604			Reducing Tees <small>(23 21 13 23-2579)</small>		
23 21 13 23-2605	EA	3/4" x 1/2"	Reducing Tees, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	110.84	21.38
23 21 13 23-2606	EA	1" x 1/2"	Reducing Insert, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	157.02	24.90
23 21 13 23-2607	EA	1" x 3/4"	Reducing Insert, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	160.23	27.00

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2608	EA		1-1/2" x 1" Reducing Tees, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	278.16	38.48
23 21 13 23-2609	EA		2" x 1-1/2" Reducing Tees, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	418.97	51.30
23 21 13 23-2610			Socket Weld Reducing Couplings (23 21 13 23-2579)		
23 21 13 23-2611	EA		3/4" x 1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	58.89	13.58
23 21 13 23-2612	EA		1" x 1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	76.03	15.71
23 21 13 23-2613	EA		1" x 3/4" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	83.45	17.85
23 21 13 23-2614	EA		1-1/2" x 1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	129.31	21.38
23 21 13 23-2615	EA		1-1/2" x 3/4" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	138.05	23.51
23 21 13 23-2616	EA		1-1/2" x 1" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	140.18	24.90
23 21 13 23-2617	EA		2" x 1-1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	197.61	34.96
23 21 13 23-2618			Male Adapters, Socket Weld X Male Thread (23 21 13 23-2579)		
23 21 13 23-2619	EA		1/2" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	85.97	11.54
23 21 13 23-2620	EA		3/4" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	109.55	15.28
23 21 13 23-2621	EA		1" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	125.75	19.03
23 21 13 23-2622	EA		1-1/2" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	159.59	30.35
23 21 13 23-2623	EA		2" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	217.54	38.48
23 21 13 23-2624			Female Adapters, Socket Weld X Female Thread (23 21 13 23-2579)		
23 21 13 23-2625	EA		1/2" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	85.97	11.54
23 21 13 23-2626	EA		3/4" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	109.87	15.28
23 21 13 23-2627	EA		1" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	125.75	19.03
23 21 13 23-2628	EA		1-1/2" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	159.59	30.35
23 21 13 23-2629	EA		2" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	217.59	38.58
23 21 13 23-2630			Socket Weld Couplings (23 21 13 23-2579)		
23 21 13 23-2631	EA		1/2" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	41.55	11.54
23 21 13 23-2632	EA		3/4" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	53.14	15.28
23 21 13 23-2633	EA		1" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	69.02	19.03
23 21 13 23-2634	EA		1-1/2" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	129.77	30.35
23 21 13 23-2635	EA		2" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	179.34	38.58
23 21 13 23-2636			Socket Weld Unions (23 21 13 23-2579)		
23 21 13 23-2637	EA		1/2" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	179.24	19.03
23 21 13 23-2638	EA		3/4" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	214.72	22.98
23 21 13 23-2639	EA		1" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	310.34	30.35
23 21 13 23-2640	EA		1-1/2" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	547.13	45.97
23 21 13 23-2641	EA		2" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	673.89	57.08
23 21 13 23-2642			Caps (23 21 13 23-2579)		
23 21 13 23-2643	EA		1/2" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	32.65	5.73
23 21 13 23-2644	EA		3/4" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	46.34	7.66
23 21 13 23-2645	EA		1" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	58.30	9.47
23 21 13 23-2646	EA		1-1/2" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	103.79	15.15
23 21 13 23-2647	EA		2" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	148.16	19.22
23 21 13 23-2648			150 LB Socket Weld Flanges (23 21 13 23-2579)		
23 21 13 23-2649	EA		1/2" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	119.59	19.24
23 21 13 23-2650	EA		3/4" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	151.18	22.77
23 21 13 23-2651	EA		1" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	199.14	30.67
23 21 13 23-2652	EA		1-1/2" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	286.16	46.39
23 21 13 23-2653	EA		2" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	458.31	57.08
23 21 13 23-2654			Polyethylene Pipe And Fittings (23 21 13 23)		
23 21 13 23-2655			Small Diameter Tubing (23 21 13 23-2654)		
23 21 13 23-2656			Tubing (23 21 13 23-2655)		
23 21 13 23-2657	LF		1/4" Polyethylene Tubing.....	3.42	
			For Work In Restricted Working Space, Add.....	0.97	
23 21 13 23-2658	LF		5/16" Polyethylene Tubing.....	3.67	
			For Work In Restricted Working Space, Add.....	0.99	
23 21 13 23-2659	LF		3/8" Polyethylene Tubing.....	3.85	
			For Work In Restricted Working Space, Add.....	1.01	
23 21 13 23-2660	LF		1/2" Polyethylene Tubing.....	4.00	
			For Work In Restricted Working Space, Add.....	1.09	
23 21 13 23-2661			Chrome Plated Pipe (23 21 13 23)		
23 21 13 23-2662			Chrome Plated Nipples (23 21 13 23-2661)		
23 21 13 23-2663			Close (23 21 13 23-2662)		
23 21 13 23-2664	EA		1/4" Diameter Chrome Plated Nipple, Close.....	21.62	9.28
23 21 13 23-2665	EA		3/8" Diameter Chrome Plated Nipple, Close.....	20.37	10.10
23 21 13 23-2666	EA		1/2" Diameter Chrome Plated Nipple, Close.....	25.55	11.61

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 13 23-2667	EA	3/4" Diameter Chrome Plated Nipple, Close.....	33.67	14.74
23 21 13 23-2668	EA	1" Diameter Chrome Plated Nipple, Close.....	45.18	19.38
23 21 13 23-2669	EA	1-1/4" Diameter Chrome Plated Nipple, Close.....	64.07	27.04
23 21 13 23-2670	EA	1-1/2" Diameter Chrome Plated Nipple, Close.....	78.53	31.69
23 21 13 23-2671	EA	2" Diameter Chrome Plated Nipple, Close.....	101.59	39.47
23 21 13 23-2672		1-1/2" Nipples (23 21 13 23-2662)		
23 21 13 23-2673	EA	1/4" Diameter, 1-1/2" Length, Chrome Plated Nipple.....	23.16	9.64
23 21 13 23-2674	EA	3/8" Diameter, 1-1/2" Length, Chrome Plated Nipple.....	21.56	10.45
23 21 13 23-2675	EA	1/2" Diameter, 1-1/2" Length, Chrome Plated Nipple.....	26.16	11.95
23 21 13 23-2676	EA	3/4" Diameter, 1-1/2" Length, Chrome Plated Nipple.....	34.90	15.09
23 21 13 23-2677		2" Nipples (23 21 13 23-2662)		
23 21 13 23-2678	EA	1/4" Diameter, 2" Length, Chrome Plated Nipple.....	24.09	10.10
23 21 13 23-2679	EA	3/8" Diameter, 2" Length, Chrome Plated Nipple.....	22.30	10.79
23 21 13 23-2680	EA	1/2" Diameter, 2" Length, Chrome Plated Nipple.....	28.34	12.42
23 21 13 23-2681	EA	3/4" Diameter, 2" Length, Chrome Plated Nipple.....	36.73	15.44
23 21 13 23-2682	EA	1" Diameter, 2" Length, Chrome Plated Nipple.....	47.87	20.08
23 21 13 23-2683	EA	1-1/4" Diameter, 2" Length, Chrome Plated Nipple.....	68.61	27.86
23 21 13 23-2684	EA	1-1/2" Diameter, 2" Length, Chrome Plated Nipple.....	83.82	32.50
23 21 13 23-2685		2-1/2" Nipples (23 21 13 23-2662)		
23 21 13 23-2686	EA	1/4" Diameter, 2-1/2" Length, Chrome Plated Nipple.....	25.53	10.45
23 21 13 23-2687	EA	3/8" Diameter, 2-1/2" Length, Chrome Plated Nipple.....	23.12	11.26
23 21 13 23-2688	EA	1/2" Diameter, 2-1/2" Length, Chrome Plated Nipple.....	29.59	12.77
23 21 13 23-2689	EA	3/4" Diameter, 2-1/2" Length, Chrome Plated Nipple.....	37.60	15.90
23 21 13 23-2690	EA	1" Diameter, 2-1/2" Length, Chrome Plated Nipple.....	49.28	20.54
23 21 13 23-2691	EA	1-1/4" Diameter, 2-1/2" Length, Chrome Plated Nipple.....	73.08	28.20
23 21 13 23-2692	EA	1-1/2" Diameter, 2-1/2" Length, Chrome Plated Nipple.....	89.81	32.84
23 21 13 23-2693	EA	2" Diameter, 2-1/2" Length, Chrome Plated Nipple.....	114.58	40.63
23 21 13 23-2694		3" Nipples (23 21 13 23-2662)		
23 21 13 23-2695	EA	1/4" Diameter, 3" Length, Chrome Plated Nipple.....	26.61	10.79
23 21 13 23-2696	EA	3/8" Diameter, 3" Length, Chrome Plated Nipple.....	24.56	11.61
23 21 13 23-2697	EA	1/2" Diameter, 3" Length, Chrome Plated Nipple.....	29.27	12.42
23 21 13 23-2698	EA	3/4" Diameter, 3" Length, Chrome Plated Nipple.....	40.84	16.25
23 21 13 23-2699	EA	1" Diameter, 3" Length, Chrome Plated Nipple.....	55.97	20.89
23 21 13 23-2700	EA	1-1/4" Diameter, 3" Length, Chrome Plated Nipple.....	77.96	28.67
23 21 13 23-2701	EA	1-1/2" Diameter, 3" Length, Chrome Plated Nipple.....	104.07	33.32
23 21 13 23-2702	EA	2" Diameter, 3" Length, Chrome Plated Nipple.....	125.73	41.09
23 21 13 23-2703		3-1/2" Nipples (23 21 13 23-2662)		
23 21 13 23-2704	EA	1/4" Diameter, 3-1/2" Length, Chrome Plated Nipple.....	27.86	11.26
23 21 13 23-2705	EA	3/8" Diameter, 3-1/2" Length, Chrome Plated Nipple.....	27.11	11.95
23 21 13 23-2706	EA	1/2" Diameter, 3-1/2" Length, Chrome Plated Nipple.....	32.29	13.58
23 21 13 23-2707	EA	3/4" Diameter, 3-1/2" Length, Chrome Plated Nipple.....	45.65	16.59
23 21 13 23-2708	EA	1" Diameter, 3-1/2" Length, Chrome Plated Nipple.....	58.50	21.24
23 21 13 23-2709	EA	1-1/4" Diameter, 3-1/2" Length, Chrome Plated Nipple.....	87.66	29.02
23 21 13 23-2710	EA	1-1/2" Diameter, 3-1/2" Length, Chrome Plated Nipple.....	108.27	33.66
23 21 13 23-2711	EA	2" Diameter, 3-1/2" Length, Chrome Plated Nipple.....	134.59	41.44
23 21 13 23-2712		4" Nipples (23 21 13 23-2662)		
23 21 13 23-2713	EA	1/4" Diameter, 4" Length, Chrome Plated Nipple.....	29.07	11.61
23 21 13 23-2714	EA	3/8" Diameter, 4" Length, Chrome Plated Nipple.....	27.76	12.42
23 21 13 23-2715	EA	1/2" Diameter, 4" Length, Chrome Plated Nipple.....	32.72	13.12
23 21 13 23-2716	EA	3/4" Diameter, 4" Length, Chrome Plated Nipple.....	47.49	17.07
23 21 13 23-2717	EA	1" Diameter, 4" Length, Chrome Plated Nipple.....	60.88	21.71
23 21 13 23-2718	EA	1-1/4" Diameter, 4" Length, Chrome Plated Nipple.....	95.01	29.37
23 21 13 23-2719	EA	1-1/2" Diameter, 4" Length, Chrome Plated Nipple.....	117.01	34.01
23 21 13 23-2720	EA	2" Diameter, 4" Length, Chrome Plated Nipple.....	145.42	41.79
23 21 13 23-2721		4-1/2" Nipples (23 21 13 23-2662)		
23 21 13 23-2722	EA	1/4" Diameter, 4-1/2" Length, Chrome Plated Nipple.....	30.16	11.95
23 21 13 23-2723	EA	3/8" Diameter, 4-1/2" Length, Chrome Plated Nipple.....	30.31	12.77
23 21 13 23-2724	EA	1/2" Diameter, 4-1/2" Length, Chrome Plated Nipple.....	35.91	14.28
23 21 13 23-2725	EA	3/4" Diameter, 4-1/2" Length, Chrome Plated Nipple.....	49.62	17.41
23 21 13 23-2726	EA	1" Diameter, 4-1/2" Length, Chrome Plated Nipple.....	69.41	22.05
23 21 13 23-2727	EA	1-1/4" Diameter, 4-1/2" Length, Chrome Plated Nipple.....	102.06	29.83
23 21 13 23-2728	EA	1-1/2" Diameter, 4-1/2" Length, Chrome Plated Nipple.....	120.85	34.48
23 21 13 23-2729	EA	2" Diameter, 4-1/2" Length, Chrome Plated Nipple.....	155.38	42.25
23 21 13 23-2730		5" Nipples (23 21 13 23-2662)		
23 21 13 23-2731	EA	1/4" Diameter, 5" Length, Chrome Plated Nipple.....	34.15	12.42
23 21 13 23-2732	EA	3/8" Diameter, 5" Length, Chrome Plated Nipple.....	31.86	13.12
23 21 13 23-2733	EA	1/2" Diameter, 5" Length, Chrome Plated Nipple.....	37.24	14.74
23 21 13 23-2734	EA	3/4" Diameter, 5" Length, Chrome Plated Nipple.....	51.66	17.76

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2735	EA	1" Diameter, 5" Length, Chrome Plated Nipple.....	74.55	22.40
23 21 13 23-2736	EA	1-1/4" Diameter, 5" Length, Chrome Plated Nipple.....	108.45	30.18
23 21 13 23-2737	EA	1-1/2" Diameter, 5" Length, Chrome Plated Nipple.....	129.63	34.82
23 21 13 23-2738	EA	2" Diameter, 5" Length, Chrome Plated Nipple.....	161.78	42.60
23 21 13 23-2739		5-1/2" Nipples (23 21 13 23-2662)		
23 21 13 23-2740	EA	1/4" Diameter, 5-1/2" Length, Chrome Plated Nipple.....	35.26	12.77
23 21 13 23-2741	EA	3/8" Diameter, 5-1/2" Length, Chrome Plated Nipple.....	33.06	13.58
23 21 13 23-2742	EA	1/2" Diameter, 5-1/2" Length, Chrome Plated Nipple.....	41.21	15.09
23 21 13 23-2743	EA	3/4" Diameter, 5-1/2" Length, Chrome Plated Nipple.....	53.68	18.22
23 21 13 23-2744	EA	1" Diameter, 5-1/2" Length, Chrome Plated Nipple.....	77.19	22.87
23 21 13 23-2745	EA	1-1/4" Diameter, 5-1/2" Length, Chrome Plated Nipple.....	116.24	30.53
23 21 13 23-2746	EA	1-1/2" Diameter, 5-1/2" Length, Chrome Plated Nipple.....	136.60	35.17
23 21 13 23-2747	EA	2" Diameter, 5-1/2" Length, Chrome Plated Nipple.....	169.95	42.94
23 21 13 23-2748		6" Nipples (23 21 13 23-2662)		
23 21 13 23-2749	EA	1/4" Diameter, 6" Length, Chrome Plated Nipple.....	36.60	13.12
23 21 13 23-2750	EA	3/8" Diameter, 6" Length, Chrome Plated Nipple.....	33.67	13.93
23 21 13 23-2751	EA	1/2" Diameter, 6" Length, Chrome Plated Nipple.....	42.43	15.44
23 21 13 23-2752	EA	3/4" Diameter, 6" Length, Chrome Plated Nipple.....	55.31	18.57
23 21 13 23-2753	EA	1" Diameter, 6" Length, Chrome Plated Nipple.....	85.47	23.22
23 21 13 23-2754	EA	1-1/4" Diameter, 6" Length, Chrome Plated Nipple.....	120.97	30.99
23 21 13 23-2755	EA	1-1/2" Diameter, 6" Length, Chrome Plated Nipple.....	147.40	35.63
23 21 13 23-2756	EA	2" Diameter, 6" Length, Chrome Plated Nipple.....	177.43	43.41
23 21 13 23-2757		8" Nipples (23 21 13 23-2662)		
23 21 13 23-2758	EA	3/8" Diameter, 8" Length, Chrome Plated Nipple.....	40.88	14.74
23 21 13 23-2759	EA	1/2" Diameter, 8" Length, Chrome Plated Nipple.....	62.45	16.25
23 21 13 23-2760	EA	3/4" Diameter, 8" Length, Chrome Plated Nipple.....	76.08	19.38
23 21 13 23-2761	EA	1" Diameter, 8" Length, Chrome Plated Nipple.....	101.75	24.02
23 21 13 23-2762	EA	1-1/4" Diameter, 8" Length, Chrome Plated Nipple.....	146.99	31.69
23 21 13 23-2763	EA	1-1/2" Diameter, 8" Length, Chrome Plated Nipple.....	181.51	36.33
23 21 13 23-2764	EA	2" Diameter, 8" Length, Chrome Plated Nipple.....	223.91	44.11
23 21 13 23-2765		10" Nipples (23 21 13 23-2662)		
23 21 13 23-2766	EA	3/8" Diameter, 10" Length, Chrome Plated Nipple.....	48.00	14.74
23 21 13 23-2767	EA	1/2" Diameter, 10" Length, Chrome Plated Nipple.....	71.42	16.25
23 21 13 23-2768	EA	3/4" Diameter, 10" Length, Chrome Plated Nipple.....	86.47	19.38
23 21 13 23-2769	EA	1" Diameter, 10" Length, Chrome Plated Nipple.....	117.47	24.02
23 21 13 23-2770	EA	1-1/4" Diameter, 10" Length, Chrome Plated Nipple.....	180.63	31.69
23 21 13 23-2771	EA	1-1/2" Diameter, 10" Length, Chrome Plated Nipple.....	207.13	36.33
23 21 13 23-2772	EA	2" Diameter, 10" Length, Chrome Plated Nipple.....	264.88	44.11
23 21 13 23-2773		12" Nipples (23 21 13 23-2662)		
23 21 13 23-2774	EA	3/8" Diameter, 12" Length, Chrome Plated Nipple.....	53.61	16.25
23 21 13 23-2775	EA	1/2" Diameter, 12" Length, Chrome Plated Nipple.....	74.76	17.07
23 21 13 23-2776	EA	3/4" Diameter, 12" Length, Chrome Plated Nipple.....	95.96	20.08
23 21 13 23-2777	EA	1" Diameter, 12" Length, Chrome Plated Nipple.....	138.88	25.53
23 21 13 23-2778	EA	1-1/4" Diameter, 12" Length, Chrome Plated Nipple.....	203.53	33.32
23 21 13 23-2779	EA	2" Diameter, 12" Length, Chrome Plated Nipple.....	299.98	45.73
23 21 13 23-2780		18" Nipples (23 21 13 23-2662)		
23 21 13 23-2781	EA	3/8" Diameter, 18" Length, Chrome Plated Nipple.....	69.75	17.07
23 21 13 23-2782		24" Nipples (23 21 13 23-2662)		
23 21 13 23-2783	EA	3/8" Diameter, 24" Length, Chrome Plated Nipple.....	85.18	17.76
23 21 13 23-2784		30" Nipples (23 21 13 23-2662)		
23 21 13 23-2785	EA	3/8" Diameter, 30" Length, Chrome Plated Nipple.....	94.92	18.57
23 21 13 23-2786		36" Nipples (23 21 13 23-2662)		
23 21 13 23-2787	EA	3/8" Diameter, 36" Length, Chrome Plated Nipple.....	104.68	19.38
23 21 13 23-2788		Chrome Plated Fittings (23 21 13 23-2661)		
23 21 13 23-2789		Chrome Plated 90 Degree Elbows (23 21 13 23-2788)		
23 21 13 23-2790	EA	1/4" 90 Degree Elbow, Chrome Plated.....	28.22	10.79
23 21 13 23-2791	EA	3/8" 90 Degree Elbow, Chrome Plated.....	28.62	11.61
23 21 13 23-2792	EA	1/2" 90 Degree Elbow, Chrome Plated.....	32.42	12.42
23 21 13 23-2793	EA	3/4" 90 Degree Elbow, Chrome Plated.....	41.23	16.25
23 21 13 23-2794	EA	1" 90 Degree Elbow, Chrome Plated.....	56.37	20.89
23 21 13 23-2795	EA	1-1/4" 90 Degree Elbow, Chrome Plated.....	87.80	28.67
23 21 13 23-2796	EA	1-1/2" 90 Degree Elbow, Chrome Plated.....	105.84	33.32

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 13 23-2797	EA	2" 90 Degree Elbow, Chrome Plated	146.33	41.09
23 21 13 23-2798		Chrome Plated Street 90 Degree Elbows (23 21 13 23-2788)		
23 21 13 23-2799	EA	1/4" Street 90 Degree Elbow, Chrome Plated.....	33.25	10.79
23 21 13 23-2800	EA	3/8" Street 90 Degree Elbow, Chrome Plated.....	34.12	11.61
23 21 13 23-2801	EA	1/2" Street 90 Degree Elbow, Chrome Plated.....	36.25	12.42
23 21 13 23-2802	EA	3/4" Street 90 Degree Elbow, Chrome Plated.....	46.88	16.25
23 21 13 23-2803	EA	1" Street 90 Degree Elbow, Chrome Plated.....	66.77	20.89
23 21 13 23-2804	EA	1-1/4" Street 90 Degree Elbow, Chrome Plated.....	98.48	28.67
23 21 13 23-2805	EA	1-1/2" Street 90 Degree Elbow, Chrome Plated.....	120.79	33.32
23 21 13 23-2806	EA	2" Street 90 Degree Elbow, Chrome Plated.....	181.54	41.09
23 21 13 23-2807		Chrome Plated 45 Degree Elbows (23 21 13 23-2788)		
23 21 13 23-2808	EA	1/4" 45 Degree Elbow, Chrome Plated.....	29.33	10.79
23 21 13 23-2809	EA	3/8" 45 Degree Elbow, Chrome Plated.....	30.21	11.61
23 21 13 23-2810	EA	1/2" 45 Degree Elbow, Chrome Plated.....	33.55	12.42
23 21 13 23-2811	EA	3/4" 45 Degree Elbow, Chrome Plated.....	45.55	16.25
23 21 13 23-2812	EA	1" 45 Degree Elbow, Chrome Plated.....	61.18	20.89
23 21 13 23-2813	EA	1-1/4" 45 Degree Elbow, Chrome Plated.....	93.60	28.67
23 21 13 23-2814	EA	1-1/2" 45 Degree Elbow, Chrome Plated.....	113.58	33.32
23 21 13 23-2815	EA	2" 45 Degree Elbow, Chrome Plated.....	167.63	41.09
23 21 13 23-2816		Chrome Plated Street 45 Degree Elbows (23 21 13 23-2788)		
23 21 13 23-2817	EA	1/2" Street 45 Degree Elbow, Chrome Plated.....	40.45	12.42
23 21 13 23-2818		Chrome Plated Couplings (23 21 13 23-2788)		
23 21 13 23-2819	EA	1/4" Coupling, Chrome Plated.....	27.54	10.79
23 21 13 23-2820	EA	3/8" Coupling, Chrome Plated.....	28.70	11.61
23 21 13 23-2821	EA	1/2" Coupling, Chrome Plated.....	32.70	12.42
23 21 13 23-2822	EA	3/4" Coupling, Chrome Plated.....	41.35	16.25
23 21 13 23-2823	EA	1" Coupling, Chrome Plated.....	53.97	20.89
23 21 13 23-2824	EA	1-1/4" Coupling, Chrome Plated.....	79.13	28.67
23 21 13 23-2825	EA	1-1/2" Coupling, Chrome Plated.....	98.57	33.32
23 21 13 23-2826	EA	2" Coupling, Chrome Plated.....	137.47	41.09
23 21 13 23-2827		Chrome Plated Unions (23 21 13 23-2788)		
23 21 13 23-2828	EA	1/4" Union, Chrome Plated.....	45.84	12.42
23 21 13 23-2829	EA	3/8" Union, Chrome Plated.....	47.03	13.12
23 21 13 23-2830	EA	1/2" Union, Chrome Plated.....	57.23	14.74
23 21 13 23-2831	EA	3/4" Union, Chrome Plated.....	70.62	19.38
23 21 13 23-2832	EA	1" Union, Chrome Plated.....	89.21	24.72
23 21 13 23-2833	EA	1-1/4" Union, Chrome Plated.....	146.88	33.32
23 21 13 23-2834	EA	1-1/2" Union, Chrome Plated.....	183.50	39.47
23 21 13 23-2835	EA	2" Union, Chrome Plated.....	240.61	48.06
23 21 13 23-2836		Chrome Plated Caps (23 21 13 23-2788)		
23 21 13 23-2837	EA	1/4" Cap, Chrome Plated.....	19.14	5.46
23 21 13 23-2838	EA	3/8" Cap, Chrome Plated.....	19.71	5.80
23 21 13 23-2839	EA	1/2" Cap, Chrome Plated.....	22.64	6.15
23 21 13 23-2840	EA	3/4" Cap, Chrome Plated.....	28.13	8.13
23 21 13 23-2841	EA	1" Cap, Chrome Plated.....	33.17	10.45
23 21 13 23-2842	EA	1-1/4" Cap, Chrome Plated.....	49.32	14.28
23 21 13 23-2843	EA	1-1/2" Cap, Chrome Plated.....	65.70	16.59
23 21 13 23-2844	EA	2" Cap, Chrome Plated.....	96.91	21.71
23 21 13 23-2845		Chrome Plated Plugs (23 21 13 23-2788)		
23 21 13 23-2846	EA	1/4" Plug, Chrome Plated.....	15.31	5.46
23 21 13 23-2847	EA	3/8" Plug, Chrome Plated.....	15.88	5.80
23 21 13 23-2848	EA	1/2" Plug, Chrome Plated.....	18.62	6.15
23 21 13 23-2849	EA	3/4" Plug, Chrome Plated.....	25.26	8.13
23 21 13 23-2850	EA	1" Plug, Chrome Plated.....	30.98	10.45
23 21 13 23-2851	EA	1-1/4" Plug, Chrome Plated.....	41.77	14.28
23 21 13 23-2852	EA	1-1/2" Plug, Chrome Plated.....	51.88	16.59
23 21 13 23-2853	EA	2" Plug, Chrome Plated.....	72.86	21.71
23 21 13 23-2854		Chrome Plated Tees (23 21 13 23-2788)		
23 21 13 23-2855	EA	1/4" Chrome Plated Tee.....	38.82	16.25
23 21 13 23-2856	EA	3/8" Chrome Plated Tee.....	41.14	17.76
23 21 13 23-2857	EA	1/2" Chrome Plated Tee.....	46.02	19.38
23 21 13 23-2858	EA	3/4" Chrome Plated Tee.....	57.35	24.02
23 21 13 23-2859	EA	1" Chrome Plated Tee.....	82.58	30.99
23 21 13 23-2860	EA	1-1/4" Chrome Plated Tee.....	113.88	42.60
23 21 13 23-2861	EA	1-1/2" Chrome Plated Tee.....	147.41	49.56
23 21 13 23-2862	EA	2" Chrome Plated Tee.....	204.47	61.17

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 21 13 23-2863		Chrome Plated Reducing 90 Degree Elbows <small>(23 21 13 23-2788)</small>		
23 21 13 23-2864	EA	1/2" x 3/8" Reducing 90 Degree Elbow, Chrome Plated	43.46	19.38
23 21 13 23-2865	EA	3/4" x 1/2" Reducing 90 Degree Elbow, Chrome Plated	50.43	24.02
23 21 13 23-2866		Chrome Plated Bell Reducers <small>(23 21 13 23-2788)</small>		
23 21 13 23-2867	EA	1/2" x 3/8" Bell Reducer, Chrome Plated	48.09	19.38
23 21 13 23-2868	EA	3/4" x 1/2" Bell Reducer, Chrome Plated	58.40	24.02
23 21 13 23-2869	EA	1" x 1/2" Bell Reducer, Chrome Plated	74.04	30.99
23 21 13 23-2870		Chrome Plated Reducing Tees <small>(23 21 13 23-2788)</small>		
23 21 13 23-2871	EA	3/4" x 1/2" Reducing Tee, Chrome Plated	64.27	24.02
23 21 13 23-2872		Chrome Plated Bushings <small>(23 21 13 23-2788)</small>		
23 21 13 23-2873	EA	3/8" x 1/4" Bushing, Chrome Plated	15.20	5.46
23 21 13 23-2874	EA	1/2" x 1/4" Bushing, Chrome Plated	16.36	5.80
23 21 13 23-2875	EA	1/2" x 3/8" Bushing, Chrome Plated	16.94	6.15
23 21 13 23-2876	EA	3/4" x 1/2" Bushing, Chrome Plated	21.46	8.13
23 21 13 23-2877	EA	1" x 3/4" Bushing, Chrome Plated	31.72	10.45
23 21 13 23-2878	EA	1-1/4" x 1" Bushing, Chrome Plated	46.73	14.28
23 21 13 23-2879		Aluminum Tubing Assemblies <small>(23 21 13 23)</small>		
		Note: ASTM B210 (Tubing), ASTM B26 (Fittings). Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.		
23 21 13 23-2880	LF	1/8" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	10.69	4.06
23 21 13 23-2881	LF	3/16" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	12.16	4.64
23 21 13 23-2882	LF	1/4" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	13.53	5.23
23 21 13 23-2883	LF	5/16" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	14.75	5.80
23 21 13 23-2884	LF	3/8" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	16.38	6.38
23 21 13 23-2885	LF	1/2" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	18.95	6.97
23 21 13 23-2886	LF	5/8" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	22.23	8.02
23 21 13 23-2887	LF	3/4" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	27.69	9.09
23 21 13 23-2888	LF	7/8" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	32.23	10.15
23 21 13 23-2889	LF	1" Inside Diameter Aluminum Pipe/Tubing Assembly	39.24	10.69
23 21 16		Hydronic Piping Specialties <small>(23 21)</small>		
23 21 16 00-0001		Y-Type Strainers <small>(23 21 16)</small>		
23 21 16 00-0002		Screwed Ends, 250 LB, Iron Body, Y-Type Strainers <small>(23 21 16 00-0001)</small>		
23 21 16 00-0003	EA	1/4" Or 3/8" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer For Galvanized Body, Add For Work In Restricted Working Space, Add	80.69 21.77 11.15	13.00
23 21 16 00-0004	EA	1/2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer For Galvanized Body, Add For Work In Restricted Working Space, Add	81.27 21.77 11.32	13.24
23 21 16 00-0005	EA	3/4" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer For Galvanized Body, Add For Work In Restricted Working Space, Add	103.05 25.98 15.33	17.88
23 21 16 00-0006	EA	1" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer For Galvanized Body, Add For Work In Restricted Working Space, Add	131.17 35.11 18.29	21.36
23 21 16 00-0007	EA	1-1/4" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer For Galvanized Body, Add For Work In Restricted Working Space, Add	171.67 48.10 22.64	26.42
23 21 16 00-0008	EA	1-1/2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer For Galvanized Body, Add For Work In Restricted Working Space, Add	197.14 57.93 24.39	28.45
23 21 16 00-0009	EA	2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer For Galvanized Body, Add For Work In Restricted Working Space, Add	271.23 89.17 27.87	32.51
23 21 16 00-0010	EA	2-1/2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer For Galvanized Body, Add For Work In Restricted Working Space, Add	517.04 200.46 34.84	40.64

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 21 16 00-0011	EA 3" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer..... <i>For Galvanized Body, Add</i> <i>For Work In Restricted Working Space, Add</i>	668.95 261.90 43.55	50.86
23 21 16 00-0012	Flanged, 125 LB, Iron Body , Y-Type Strainers (23 21 16 00-0001)		
23 21 16 00-0013	EA 1-1/2" Flanged, 125 LB, Iron Body, Y-Type Strainer..... <i>For Galvanized Body, Add</i> <i>For Work In Restricted Working Space, Add</i>	333.51 90.37 45.83	121.92
23 21 16 00-0014	EA 2" Flanged, 125 LB, Iron Body, Y-Type Strainer..... <i>For Galvanized Body, Add</i> <i>For Work In Restricted Working Space, Add</i>	389.11 97.79 58.06	154.79
23 21 16 00-0015	EA 3" Flanged, 125 LB, Iron Body, Y-Type Strainer..... <i>For Galvanized Body, Add</i> <i>For Work In Restricted Working Space, Add</i>	713.30 233.12 74.12	197.41
23 21 16 00-0016	EA 4" Flanged, 125 LB, Iron Body, Y-Type Strainer..... <i>For Galvanized Body, Add</i> <i>For Work In Restricted Working Space, Add</i>	943.80 264.55 124.41	330.94
23 21 16 00-0017	EA 5" Flanged, 125 LB, Iron Body, Y-Type Strainer..... <i>For Galvanized Body, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,007.97 295.97 124.81	333.35
23 21 16 00-0018	EA 6" Flanged, 125 LB, Iron Body, Y-Type Strainer..... <i>For Galvanized Body, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,199.79 367.58 139.39	370.39
23 21 16 00-0019	EA 8" Flanged, 125 LB, Iron Body, Y-Type Strainer..... <i>For Galvanized Body, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,035.79 723.94 176.37	473.27
23 21 16 00-0020	EA 10" Flanged, 125 LB, Iron Body, Y-Type Strainer..... <i>For Galvanized Body, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,947.25 1,613.53 216.06	576.15
23 21 16 00-0021	EA 12" Flanged, 125 LB, Iron Body, Y-Type Strainer..... <i>For Galvanized Body, Add</i> <i>For Work In Restricted Working Space, Add</i>	4,384.27 1,677.72 308.65	514.42
23 21 16 00-0022	Screwed Ends, 150 LB, Bronze Body, Y-Type Strainers (23 21 16 00-0001) Note: With screwed cap (4" size has bolted cap).		
23 21 16 00-0023	EA 1/2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	69.16 53.41 11.32	13.24
23 21 16 00-0024	EA 3/4" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	91.94 69.45 15.33	17.88
23 21 16 00-0025	EA 1" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	112.42 87.48 18.29	21.36
23 21 16 00-0026	EA 1-1/4" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	139.90 109.51 22.64	26.42
23 21 16 00-0027	EA 1-1/2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	164.96 142.24 24.39	28.45
23 21 16 00-0028	EA 2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	228.80 231.05 27.87	32.51
23 21 16 00-0029	EA 2-1/2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	340.41 381.29 34.84	40.64
23 21 16 00-0030	EA 3" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	610.19 790.57 43.55	50.86
23 21 16 00-0031	EA 4" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,056.74 1,500.35 52.25	60.96
23 21 16 00-0032	Flanged, 150 LB, Bronze Body, Y-Type Strainers (23 21 16 00-0001) Note: With bolted cap.		
23 21 16 00-0033	EA 2" Flanged, 150 LB, Bronze Body, Y-Type Strainer..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	583.90 234.22 58.06	154.79
23 21 16 00-0034	EA 2-1/2" Flanged, 150 LB, Bronze Body, Y-Type Strainer..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	608.84 238.63 63.34	168.38
23 21 16 00-0035	EA 3" Flanged, 150 LB, Bronze Body, Y-Type Strainer..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	702.49 273.26 74.12	197.41
23 21 16 00-0036	EA 4" Flanged, 150 LB, Bronze Body, Y-Type Strainer..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,521.33 663.97 124.41	330.94
23 21 16 00-0037	EA 6" Flanged, 150 LB, Bronze Body, Y-Type Strainer..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,142.09 1,006.47 139.39	370.39
23 21 16 00-0038	EA 8" Flanged, 150 LB, Bronze Body, Y-Type Strainer..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,450.60 1,717.61 176.37	473.27
23 21 16 00-0039	EA 10" Flanged, 150 LB, Bronze Body, Y-Type Strainer..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	10,994.77 6,164.75 216.06	576.15

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0040			Polyvinyl Chloride (PVC) Body, Y-Type Strainers (23 21 16 00-0001)		
23 21 16 00-0041			Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainers (23 21 16 00-0040)		
23 21 16 00-0042	EA		1/2" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer <i>For Work In Restricted Working Space, Add</i>	154.60 11.14	12.77
23 21 16 00-0043	EA		3/4" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer <i>For Work In Restricted Working Space, Add</i>	181.16 14.97	17.53
23 21 16 00-0044	EA		1" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer <i>For Work In Restricted Working Space, Add</i>	211.74 20.55	23.79
23 21 16 00-0045	EA		1-1/4" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer <i>For Work In Restricted Working Space, Add</i>	336.15 21.94	25.53
23 21 16 00-0046	EA		1-1/2" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer <i>For Work In Restricted Working Space, Add</i>	339.65 23.68	27.63
23 21 16 00-0047	EA		2" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer <i>For Work In Restricted Working Space, Add</i>	398.35 26.81	31.34
23 21 16 00-0048	EA		2-1/2" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer <i>For Work In Restricted Working Space, Add</i>	851.49 34.82	40.63
23 21 16 00-0049	EA		3" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer <i>For Work In Restricted Working Space, Add</i>	834.55 43.53	50.84
23 21 16 00-0050	EA		4" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer <i>For Work In Restricted Working Space, Add</i>	1,362.19 46.31	54.09
23 21 16 00-0051			Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainers (23 21 16 00-0040)		
23 21 16 00-0052	EA		2" Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainer <i>For Work In Restricted Working Space, Add</i>	658.35 43.53	72.55
23 21 16 00-0053	EA		2-1/2" Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainer <i>For Work In Restricted Working Space, Add</i>	1,310.20 56.76	94.60
23 21 16 00-0054	EA		3" Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainer <i>For Work In Restricted Working Space, Add</i>	1,311.80 74.09	197.33
23 21 16 00-0055	EA		4" Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainer <i>For Work In Restricted Working Space, Add</i>	2,130.53 124.36	330.81
23 21 16 00-0056			Class 125, Crimped Bronze Body, Y-Type Strainers (23 21 16 00-0001) Note: Nibco®		
23 21 16 00-0057	EA		1/2" Class 125, Crimped Bronze Body, Y-Type Strainer <i>For Work In Restricted Working Space, Add</i>	166.81 7.84	11.61
23 21 16 00-0058	EA		3/4" Class 125, Crimped Bronze Body, Y-Type Strainer <i>For Work In Restricted Working Space, Add</i>	193.26 8.92	12.77
23 21 16 00-0059	EA		1" Class 125, Crimped Bronze Body, Y-Type Strainer <i>For Work In Restricted Working Space, Add</i>	275.57 10.66	14.51
23 21 16 00-0060	EA		1-1/4" Class 125, Crimped Bronze Body, Y-Type Strainer <i>For Work In Restricted Working Space, Add</i>	370.05 11.75	15.44
23 21 16 00-0061	EA		1-1/2" Class 125, Crimped Bronze Body, Y-Type Strainer <i>For Work In Restricted Working Space, Add</i>	445.77 13.06	17.87
23 21 16 00-0062	EA		2" Class 125, Crimped Bronze Body, Y-Type Strainer <i>For Work In Restricted Working Space, Add</i>	660.98 15.67	21.12
23 21 16 00-0063			250 PSI, Crimped Bronze Body, Y-Type Strainers (23 21 16 00-0001)		
23 21 16 00-0064	EA		1/2" 250 PSI, Crimped Bronze Body, Y-Type Strainer	74.52	11.61
23 21 16 00-0065	EA		3/4" 250 PSI, Crimped Bronze Body, Y-Type Strainer	90.75	12.77
23 21 16 00-0066	EA		1" 250 PSI, Crimped Bronze Body, Y-Type Strainer	132.32	14.51
23 21 16 00-0067	EA		1-1/4" 250 PSI, Crimped Bronze Body, Y-Type Strainer	161.38	15.44
23 21 16 00-0068	EA		1-1/2" 250 PSI, Crimped Bronze Body, Y-Type Strainer	192.30	17.87
23 21 16 00-0069	EA		2" 250 PSI, Crimped Bronze Body, Y-Type Strainer	252.12	21.12
23 21 16 00-0070			Cast Iron Body, Suction Diffusers (23 21 16) Note: 175 PSI, steel inlet vanes, steel orifice cylinder and 16 mesh bronze startup strainer.		
23 21 16 00-0071	EA		2" x 1-1/2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser <i>For Work In Restricted Working Space, Add</i>	538.57 22.40	45.75
23 21 16 00-0072	EA		2" x 2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser <i>For Work In Restricted Working Space, Add</i>	565.39 24.88	50.75
23 21 16 00-0073	EA		2-1/2" x 2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser <i>For Work In Restricted Working Space, Add</i>	574.21 26.14	53.29
23 21 16 00-0074	EA		2-1/2" x 2-1/2" Flanged, 175 LB, Cast Iron Body, Suction Diffuser <i>For Work In Restricted Working Space, Add</i>	1,083.24 63.34	168.38
23 21 16 00-0075	EA		3" x 1-1/2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser <i>For Work In Restricted Working Space, Add</i>	592.91 30.35	62.01
23 21 16 00-0076	EA		3" x 2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser <i>For Work In Restricted Working Space, Add</i>	671.77 30.35	62.01
23 21 16 00-0077	EA		3" x 2-1/2" Flanged, 175 LB, Cast Iron Body, Suction Diffuser <i>For Work In Restricted Working Space, Add</i>	1,133.69 68.73	183.27
23 21 16 00-0078	EA		3" x 3" Flanged, 175 LB, Cast Iron Body, Suction Diffuser <i>For Work In Restricted Working Space, Add</i>	1,156.30 74.12	197.41
23 21 16 00-0079	EA		4" x 3" Flanged, 175 LB, Cast Iron Body, Suction Diffuser <i>For Work In Restricted Working Space, Add</i>	1,402.49 99.27	264.71
23 21 16 00-0080	EA		4" x 4" Flanged, 175 LB, Cast Iron Body, Suction Diffuser <i>For Work In Restricted Working Space, Add</i>	1,648.67 124.41	330.94
23 21 16 00-0081	EA		6" x 4" Flanged, 175 LB, Cast Iron Body, Suction Diffuser <i>For Work In Restricted Working Space, Add</i>	1,891.23 124.81	332.83
23 21 16 00-0082	EA		6" x 6" Flanged, 175 LB, Cast Iron Body, Suction Diffuser <i>For Work In Restricted Working Space, Add</i>	2,287.75 139.39	370.39

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0083	EA		8" x 6" Flanged, 175 LB, Cast Iron Body, Suction Diffuser <i>For Work In Restricted Working Space, Add</i>	2,582.66 176.37	473.27
23 21 16 00-0084	EA		8" x 8" Flanged, 175 LB, Cast Iron Body, Suction Diffuser <i>For Work In Restricted Working Space, Add</i>	4,016.10 176.37	473.27
23 21 16 00-0085	EA		10" x 8" Flanged, 175 LB, Cast Iron Body, Suction Diffuser <i>For Work In Restricted Working Space, Add</i>	4,584.44 216.06	576.15
23 21 16 00-0086	EA		10" x 10" Flanged, 175 LB, Cast Iron Body, Suction Diffuser <i>For Work In Restricted Working Space, Add</i>	5,368.43 216.06	576.15
23 21 16 00-0087			Duplex Strainers (23 21 16)		
23 21 16 00-0088			Iron Body, Duplex Strainers (23 21 16 00-0087)		
23 21 16 00-0089			Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainers (23 21 16 00-0088) Note: With brass or stainless steel basket.		
23 21 16 00-0090	EA		3/4" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	859.17 17.36	28.91
23 21 16 00-0091	EA		1" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	959.37 19.87	33.09
23 21 16 00-0092	EA		1-1/4" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	1,300.60 23.33	38.90
23 21 16 00-0093	EA		1-1/2" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	1,637.31 25.43	42.39
23 21 16 00-0094	EA		2" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	2,194.60 31.10	51.67
23 21 16 00-0095	EA		2-1/2" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	2,761.64 39.70	66.19
23 21 16 00-0096			Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainers (23 21 16 00-0088) Note: With brass or stainless steel basket.		
23 21 16 00-0097	EA		2" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	2,989.77 58.06	154.79
23 21 16 00-0098	EA		2-1/2" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	3,090.84 63.34	168.38
23 21 16 00-0099	EA		3" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	3,961.48 74.12	197.41
23 21 16 00-0100	EA		4" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	6,210.34 110.23	293.22
23 21 16 00-0101	EA		6" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	12,150.44 139.39	370.39
23 21 16 00-0102	EA		8" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	23,124.81 176.37	473.27
23 21 16 00-0103	EA		10" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	31,937.97 216.06	576.15
23 21 16 00-0104	EA		12" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	36,176.69 435.95	726.37
23 21 16 00-0105	EA		14" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	43,097.72 308.65	823.08
23 21 16 00-0106	EA		16" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	53,884.77 339.52	905.38
23 21 16 00-0107			Bronze Body, Duplex Strainers (23 21 16 00-0087)		
23 21 16 00-0108			Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainers (23 21 16 00-0107) Note: With brass or stainless steel basket.		
23 21 16 00-0109	EA		3/4" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	1,602.06 17.36	29.03
23 21 16 00-0110	EA		1" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	1,777.38 19.87	33.09
23 21 16 00-0111	EA		1-1/4" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	2,602.73 23.33	38.90
23 21 16 00-0112	EA		1-1/2" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	3,423.57 25.43	42.39
23 21 16 00-0113	EA		2" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	4,423.25 31.10	51.67
23 21 16 00-0114	EA		2-1/2" Screwed, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	5,432.68 39.70	66.19
23 21 16 00-0115			Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainers (23 21 16 00-0107) Note: With brass or stainless steel basket.		
23 21 16 00-0116	EA		2" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	6,203.37 58.06	154.79
23 21 16 00-0117	EA		2-1/2" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	6,387.90 63.34	168.38
23 21 16 00-0118	EA		3" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	8,761.00 74.12	197.41
23 21 16 00-0119	EA		4" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	13,806.11 110.23	293.22
23 21 16 00-0120	EA		6" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	30,013.02 139.39	370.39
23 21 16 00-0121			Cast Steel Body, Duplex Strainers (23 21 16 00-0087)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 21 16 00-0122			Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainers <small>(23 21 16 00-0121)</small> Note: With brass or stainless steel basket.		
23 21 16 00-0123	EA		1" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer.....	2,496.70	33.09
			<i>For Work In Restricted Working Space, Add</i>	19.88	
23 21 16 00-0124	EA		1-1/4" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer.....	3,075.30	38.90
			<i>For Work In Restricted Working Space, Add</i>	23.32	
23 21 16 00-0125	EA		1-1/2" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer.....	3,649.44	42.39
			<i>For Work In Restricted Working Space, Add</i>	25.43	
23 21 16 00-0126	EA		2" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer.....	6,179.80	51.67
			<i>For Work In Restricted Working Space, Add</i>	31.10	
23 21 16 00-0127			Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainers <small>(23 21 16 00-0121)</small> Note: With brass or stainless steel basket.		
23 21 16 00-0128	EA		2" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer.....	6,310.16	154.79
			<i>For Work In Restricted Working Space, Add</i>	58.06	
23 21 16 00-0129	EA		2-1/2" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer.....	6,935.36	168.38
			<i>For Work In Restricted Working Space, Add</i>	63.34	
23 21 16 00-0130	EA		3" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer.....	9,118.20	197.41
			<i>For Work In Restricted Working Space, Add</i>	74.12	
23 21 16 00-0131	EA		4" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer.....	13,370.35	293.22
			<i>For Work In Restricted Working Space, Add</i>	110.23	
23 21 16 00-0132	EA		6" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer.....	22,824.78	370.39
			<i>For Work In Restricted Working Space, Add</i>	139.39	
23 21 16 00-0133	EA		8" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer.....	44,498.04	473.27
			<i>For Work In Restricted Working Space, Add</i>	176.37	
23 21 16 00-0134			Stainless Steel Body, Duplex Strainers <small>(23 21 16 00-0087)</small>		
23 21 16 00-0135			Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainers <small>(23 21 16 00-0134)</small> Note: With stainless steel basket.		
23 21 16 00-0136	EA		1" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer.....	4,656.46	33.09
			<i>For Work In Restricted Working Space, Add</i>	19.88	
23 21 16 00-0137	EA		1-1/4" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer.....	5,883.50	38.90
			<i>For Work In Restricted Working Space, Add</i>	23.32	
23 21 16 00-0138	EA		1-1/2" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer.....	7,097.60	42.39
			<i>For Work In Restricted Working Space, Add</i>	25.43	
23 21 16 00-0139	EA		2" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer.....	11,366.69	51.67
			<i>For Work In Restricted Working Space, Add</i>	31.10	
23 21 16 00-0140			Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainers <small>(23 21 16 00-0134)</small> Note: With stainless steel basket.		
23 21 16 00-0141	EA		2" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer.....	11,924.06	154.79
			<i>For Work In Restricted Working Space, Add</i>	58.06	
23 21 16 00-0142	EA		2-1/2" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer.....	12,536.68	168.38
			<i>For Work In Restricted Working Space, Add</i>	63.34	
23 21 16 00-0143	EA		3" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer.....	19,627.94	197.41
			<i>For Work In Restricted Working Space, Add</i>	74.12	
23 21 16 00-0144	EA		4" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer.....	23,998.52	293.22
			<i>For Work In Restricted Working Space, Add</i>	110.23	
23 21 16 00-0145	EA		6" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer.....	42,116.54	370.39
			<i>For Work In Restricted Working Space, Add</i>	139.39	
23 21 16 00-0146	EA		8" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer.....	77,771.43	473.27
			<i>For Work In Restricted Working Space, Add</i>	176.37	
23 21 16 00-0147			Horizontal Steel Expansion Tanks <small>(23 21 16)</small> Note: ASME Code Stamp. 150 PSI with glass gauge and cocks.		
23 21 16 00-0148	EA		10 Gallon Horizontal Steel Expansion Tank.....	783.21	116.12
23 21 16 00-0149	EA		15 Gallon Horizontal Steel Expansion Tank.....	1,116.76	145.15
23 21 16 00-0150	EA		30 Gallon Horizontal Steel Expansion Tank.....	1,471.01	174.18
23 21 16 00-0151	EA		40 Gallon Horizontal Steel Expansion Tank.....	1,692.02	203.21
23 21 16 00-0152	EA		60 Gallon Horizontal Steel Expansion Tank.....	1,959.40	205.76
23 21 16 00-0153			Horizontal Diaphragm Type (Bladder) Steel Expansion Tanks <small>(23 21 16)</small> Note: ASME. Precharged with working pressure 125 psi. Armstrong AX Series.		
23 21 16 00-0154	EA		7.8 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	1,590.76	87.09
23 21 16 00-0155	EA		10.9 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	1,660.95	101.60
23 21 16 00-0156	EA		21.7 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	2,476.97	116.12
23 21 16 00-0157	EA		33.6 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	2,578.65	130.63
23 21 16 00-0158	EA		44.4 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	3,496.37	145.15
23 21 16 00-0159	EA		55.7 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	3,687.64	159.66
23 21 16 00-0160	EA		68.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	4,385.00	174.18
23 21 16 00-0161	EA		77.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	4,692.50	188.69
23 21 16 00-0162	EA		90.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	5,171.93	203.21
23 21 16 00-0163	EA		110.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	5,317.16	232.24
23 21 16 00-0164	EA		132.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	6,670.72	261.27
23 21 16 00-0165	EA		158.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	7,648.95	290.30
23 21 16 00-0166	EA		211.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	8,878.96	348.36

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0167			Vertical Diaphragm Type (Bladder) Steel Expansion Tanks (Armstrong AX) (23 21 16) Note: ASME. Precharged with working pressure 125 psi		
23 21 16 00-0168	EA		8.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	1,813.54	87.09
23 21 16 00-0169	EA		11.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	1,871.62	101.60
23 21 16 00-0170	EA		22.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	2,680.38	116.12
23 21 16 00-0171	EA		34.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	2,861.96	130.63
23 21 16 00-0172	EA		44.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	3,639.23	145.15
23 21 16 00-0173	EA		56.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	3,828.08	159.66
23 21 16 00-0174	EA		67.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	4,668.32	174.18
23 21 16 00-0175	EA		77.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	5,046.04	188.69
23 21 16 00-0176	EA		91.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	5,581.17	203.21
23 21 16 00-0177	EA		111.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	5,719.13	232.24
23 21 16 00-0178	EA		132.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	7,036.37	261.27
23 21 16 00-0179	EA		158.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	8,164.73	290.30
23 21 16 00-0180	EA		211.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	9,404.42	348.36
23 21 16 00-0181			Diaphragm Type (Residential Style) Steel Expansion Tanks (23 21 16)		
23 21 16 00-0182	EA		2.1 Gallon Diaphragm Type (Residential Style) Steel Expansion Tank (Watts DET-5-M1).....	100.41	10.69
23 21 16 00-0183	EA		4.5 Gallon Diaphragm Type (Residential Style) Steel Expansion Tank (Watts DET-12-M1).....	143.98	10.69
23 21 16 00-0184			Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tanks (23 21 16)		
23 21 16 00-0185	EA		15 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	1,176.78	348.48
23 21 16 00-0186	EA		20 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	1,225.60	348.48
23 21 16 00-0187	EA		30 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	1,274.40	348.48
23 21 16 00-0188	EA		40 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	1,401.29	348.48
23 21 16 00-0189	EA		47 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	1,677.04	464.35
23 21 16 00-0190	EA		60 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	1,969.26	464.60
23 21 16 00-0191	EA		80 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	2,027.24	464.60
23 21 16 00-0192	EA		87 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	2,085.22	464.60
23 21 16 00-0193	EA		120 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	2,652.69	580.59
23 21 16 00-0194	EA		187 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	7,568.17	580.59
23 21 16 00-0195	EA		264 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	9,623.52	696.48
23 21 16 00-0196			Vent Valves (23 21 16)		
23 21 16 00-0197	EA		1/8", 1.5 PSIG Operating Pressure, Non Vacuum Adjustable Angle Radiator Steam Vent Valve (Hoffman 1A).....	79.90	17.42
23 21 16 00-0198	EA		1/2" x 3/4", 35 PSIG Operating Pressure, Straight Steam Unit Heater Air Vent Valve (Hoffman 74).....	193.22	18.73
23 21 16 00-0199	EA		1/2" x 3/4", 3 PSIG Operating Pressure, Non Vacuum Main Steam Air Vent Valve (Hoffman 75).....	184.18	18.73
23 21 16 00-0200	EA		1/2" x 3/4", 10 PSIG Operating Pressure, Non Vacuum Straight Non-Vacuum Main Steam Air Vent Valve (Hoffman 75H).....	190.51	18.73
23 21 16 00-0201	EA		3/4", 150 PSIG Operating Pressure, Straight Water Main Vent Valve (Hoffman 78).....	245.85	18.73
23 21 16 00-0202	EA		1/2" x 3/4", 75 PSIG Operating Pressure, Straight Water Main Vent Valve (Hoffman 79).....	181.70	18.73
23 21 16 00-0203			Threaded Inlet, Drip-Pan Elbow (23 21 16)		
23 21 16 00-0204			Cast Iron, Threaded Inlet, Drip-Pan Elbow (23 21 16 00-0203)		
23 21 16 00-0205	EA		2-1/2" Cast Iron, Threaded Inlet, Drip-Pan Elbow.....	311.61	29.25
			<i>For Flanged Inlet, Add</i>	133.11	
23 21 16 00-0206	EA		3" Cast Iron, Threaded Inlet, Drip-Pan Elbow.....	349.92	34.66
			<i>For Flanged Inlet, Add</i>	142.90	
23 21 16 00-0207	EA		3-1/2" Cast Iron, Threaded Inlet, Drip-Pan Elbow.....	445.19	40.08
			<i>For Flanged Inlet, Add</i>	192.78	
23 21 16 00-0208	EA		4" Cast Iron, Threaded Inlet, Drip-Pan Elbow.....	682.41	45.50
			<i>For Flanged Inlet, Add</i>	339.18	
23 21 16 00-0209	EA		5" Cast Iron, Threaded Inlet, Drip-Pan Elbow.....	768.06	54.16
			<i>For Flanged Inlet, Add</i>	374.95	
23 21 16 00-0210	EA		6" Cast Iron, Threaded Inlet, Drip-Pan Elbow.....	1,076.62	68.25
			<i>For Flanged Inlet, Add</i>	547.94	
23 21 16 00-0211	EA		8" Cast Iron, Threaded Inlet, Drip-Pan Elbow.....	2,505.31	89.92
			<i>For Flanged Inlet, Add</i>	1,458.06	
23 21 16 00-0212			Cast Steel, Threaded Inlet, Drip-Pan Elbow (23 21 16 00-0203)		
23 21 16 00-0213	EA		2-1/2" Cast Steel, Threaded Inlet, Drip-Pan Elbow.....	1,096.07	29.25
			<i>For Flanged Inlet, Add</i>	666.54	
23 21 16 00-0214	EA		3" Cast Steel, Threaded Inlet, Drip-Pan Elbow.....	1,327.53	34.66
			<i>For Flanged Inlet, Add</i>	807.67	
23 21 16 00-0215	EA		3-1/2" Cast Steel, Threaded Inlet, Drip-Pan Elbow.....	1,931.84	40.08
			<i>For Flanged Inlet, Add</i>	1,203.70	
23 21 16 00-0216	EA		4" Cast Steel, Threaded Inlet, Drip-Pan Elbow.....	1,953.76	45.50
			<i>For Flanged Inlet, Add</i>	1,203.70	
23 21 16 00-0217	EA		5" Cast Steel, Threaded Inlet, Drip-Pan Elbow.....	2,857.75	54.16
			<i>For Flanged Inlet, Add</i>	1,795.94	
23 21 16 00-0218	EA		6" Cast Steel, Threaded Inlet, Drip-Pan Elbow.....	2,911.92	68.25
			<i>For Flanged Inlet, Add</i>	1,795.94	
23 21 16 00-0219	EA		8" Cast Steel, Threaded Inlet, Drip-Pan Elbow.....	4,896.51	89.92
			<i>For Flanged Inlet, Add</i>	3,084.07	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0220		Pressure Regulating Valve <small>(23 21 16)</small>		
23 21 16 00-0221		Screwed Ends, Iron Body, Water Pressure Reducing Valves <small>(23 21 16 00-0220)</small> Note: For building services, 25 - 75 PSI, up to 300 Lbs. rating		
23 21 16 00-0222	EA	1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	227.96	14.51
		<i>For Work In Restricted Working Space, Add</i>	17.41	
23 21 16 00-0223	EA	3/4" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	281.05	16.25
		<i>For Work In Restricted Working Space, Add</i>	19.34	
23 21 16 00-0224	EA	1" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	370.22	17.41
		<i>For Work In Restricted Working Space, Add</i>	20.48	
23 21 16 00-0225	EA	1-1/4" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	635.50	19.50
		<i>For Work In Restricted Working Space, Add</i>	23.21	
23 21 16 00-0226	EA	1-1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	862.76	23.22
		<i>For Work In Restricted Working Space, Add</i>	27.86	
23 21 16 00-0227	EA	2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	1,236.21	35.59
		<i>For Work In Restricted Working Space, Add</i>	42.75	
23 21 16 00-0228	EA	2-1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	1,344.66	40.08
		<i>For Work In Restricted Working Space, Add</i>	48.10	
23 21 16 00-0229	EA	3" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	1,477.47	115.97
		<i>For Work In Restricted Working Space, Add</i>	53.44	
23 21 16 00-0230		Cast Iron Body, Steam Pressure Regulator And Reducer <small>(23 21 16 00-0220)</small> Note: Single seated, spring loaded, direct acting diaphragm valve.		
23 21 16 00-0231		Screwed Ends, Cast Iron Body, Steam Pressure Regulator And Reducer <small>(23 21 16 00-0230)</small>		
23 21 16 00-0232	EA	1/2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	383.95	19.51
		<i>For Work In Restricted Working Space, Add</i>	23.38	
23 21 16 00-0233	EA	3/4" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	480.79	27.64
		<i>For Work In Restricted Working Space, Add</i>	33.18	
23 21 16 00-0234	EA	1" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	618.01	33.67
		<i>For Work In Restricted Working Space, Add</i>	40.51	
23 21 16 00-0235	EA	1-1/4" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	826.91	40.88
		<i>For Work In Restricted Working Space, Add</i>	47.07	
23 21 16 00-0236	EA	1-1/2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	1,110.07	46.45
		<i>For Work In Restricted Working Space, Add</i>	53.59	
23 21 16 00-0237	EA	2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	1,298.19	65.00
		<i>For Work In Restricted Working Space, Add</i>	65.00	
23 21 16 00-0238		Flanged, Cast Iron Body, Steam Pressure Regulator And Reducer <small>(23 21 16 00-0230)</small> Note: Single seated, spring loaded, direct acting diaphragm valve.		
23 21 16 00-0239	EA	2-1/2" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	2,992.71	157.08
		<i>For Work In Restricted Working Space, Add</i>	59.09	
23 21 16 00-0240	EA	3" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	3,721.24	184.17
		<i>For Work In Restricted Working Space, Add</i>	69.15	
23 21 16 00-0241	EA	4" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	4,786.49	308.75
		<i>For Work In Restricted Working Space, Add</i>	116.07	
23 21 16 00-0242	EA	6" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	11,909.77	359.79
		<i>For Work In Restricted Working Space, Add</i>	135.40	
23 21 16 00-0243		Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves <small>(23 21 16 00-0220)</small>		
23 21 16 00-0244		Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves <small>(23 21 16 00-0243)</small>		
23 21 16 00-0245	EA	1/2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	2,168.82	14.16
		<i>For Work In Restricted Working Space, Add</i>	21.25	
23 21 16 00-0246	EA	3/4" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	2,214.32	14.16
		<i>For Work In Restricted Working Space, Add</i>	21.25	
23 21 16 00-0247	EA	1" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	2,359.29	17.88
		<i>For Work In Restricted Working Space, Add</i>	26.82	
23 21 16 00-0248	EA	1-1/4" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	2,772.94	22.75
		<i>For Work In Restricted Working Space, Add</i>	34.14	
23 21 16 00-0249	EA	1-1/2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	3,174.58	26.24
		<i>For Work In Restricted Working Space, Add</i>	39.37	
23 21 16 00-0250	EA	2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	3,935.90	30.88
		<i>For Work In Restricted Working Space, Add</i>	46.34	
23 21 16 00-0251		Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves <small>(23 21 16 00-0243)</small>		
23 21 16 00-0252	EA	2-1/2" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	4,863.11	157.08
		<i>For Work In Restricted Working Space, Add</i>	59.09	
23 21 16 00-0253	EA	3" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	5,998.72	184.17
		<i>For Work In Restricted Working Space, Add</i>	69.15	
23 21 16 00-0254	EA	4" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	9,087.26	308.75
		<i>For Work In Restricted Working Space, Add</i>	116.07	
23 21 16 00-0255	EA	6" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	19,970.27	359.79
		<i>For Work In Restricted Working Space, Add</i>	135.40	
23 21 16 00-0256		Screwed Ends, Cast Iron Body, Air Pressure Reducing Valves <small>(23 21 16 00-0220)</small>		
23 21 16 00-0257	EA	1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	255.90	15.09
23 21 16 00-0258	EA	3/4" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	316.66	16.71

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**
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23 21 16 00-0259	EA	1" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	419.87	17.76
23 21 16 00-0260	EA	1-1/4" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	727.27	20.20
23 21 16 00-0261	EA	1-1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	989.32	24.14
23 21 16 00-0262	EA	2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	1,416.04	36.98
23 21 16 00-0263	EA	2-1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	1,534.06	40.29
23 21 16 00-0264	EA	3" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	1,691.12	46.39
23 21 16 00-0265		Screwed Ends, Bronze Body, Water Pressure Reducing Valves <small>(23 21 16 00-0220)</small>		
		Note: For building services, bronze construction, pressure adjustment, union and strainer, factory set at 45 PSI (Watts 25AUB).		
23 21 16 00-0266	EA	1/2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	197.09	14.51
23 21 16 00-0267	EA	3/4" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	216.57	16.25
23 21 16 00-0268	EA	1" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	269.32	17.99
23 21 16 00-0269	EA	1-1/4" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	639.63	19.50
23 21 16 00-0270	EA	1-1/2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	693.13	23.22
23 21 16 00-0271	EA	2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	1,089.24	35.59
23 21 16 00-0272		Plastic Pressure Regulator <small>(23 21 16 00-0220)</small>		
23 21 16 00-0273		Polyvinyl Chloride (PVC) Pressure Regulator Valves <small>(23 21 16 00-0272)</small>		
23 21 16 00-0274	EA	1/4" Polyvinyl Chloride (PVC) Pressure Regulator Valve	272.67	17.41
23 21 16 00-0275	EA	1/2" Polyvinyl Chloride (PVC) Pressure Regulator Valve	302.16	24.14
23 21 16 00-0276	EA	3/4" Polyvinyl Chloride (PVC) Pressure Regulator Valve	535.77	29.02
23 21 16 00-0277	EA	1" Polyvinyl Chloride (PVC) Pressure Regulator Valve	604.88	38.76
23 21 16 00-0278	EA	1-1/2" Polyvinyl Chloride (PVC) Pressure Regulator Valve	714.87	46.43
23 21 16 00-0279	EA	2" Polyvinyl Chloride (PVC) Pressure Regulator Valve	876.62	72.55
23 21 16 00-0280		Polypropylene Pressure Regulator Valves <small>(23 21 16 00-0272)</small>		
23 21 16 00-0281	EA	1/4" Polypropylene Pressure Regulator Valve	347.31	17.41
23 21 16 00-0282	EA	1/2" Polypropylene Pressure Regulator Valve	426.57	24.38
23 21 16 00-0283	EA	3/4" Polypropylene Pressure Regulator Valve	654.21	29.02
23 21 16 00-0284	EA	1" Polypropylene Pressure Regulator Valve	774.08	38.76
23 21 16 00-0285	EA	1-1/2" Polypropylene Pressure Regulator Valve	903.97	46.43
23 21 16 00-0286	EA	2" Polypropylene Pressure Regulator Valve	1,119.47	72.55
23 21 16 00-0287		Teflon (PTFE) Pressure Regulator Valves <small>(23 21 16 00-0272)</small>		
23 21 16 00-0288	EA	1/4" Teflon (PTFE) Pressure Regulator Valve	740.45	17.41
23 21 16 00-0289	EA	1/2" Teflon (PTFE) Pressure Regulator Valve	849.56	24.14
23 21 16 00-0290	EA	3/4" Teflon Pressure Regulator Valve	1,431.53	29.02
23 21 16 00-0291	EA	1" Teflon (PTFE) Pressure Regulator Valve	1,978.36	38.76
23 21 16 00-0292	EA	1-1/2" Teflon (PTFE) Pressure Regulator Valve	2,386.94	46.43
23 21 16 00-0293	EA	2" Teflon (PTFE) Pressure Regulator Valve	3,339.94	72.55
23 21 16 00-0294		Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valves <small>(23 21 16 00-0272)</small>		
23 21 16 00-0295	EA	1/4" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve	243.41	17.41
23 21 16 00-0296	EA	1/2" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve	279.41	24.14
23 21 16 00-0297	EA	3/4" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve	448.97	29.02
23 21 16 00-0298	EA	1" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve	533.62	38.65
23 21 16 00-0299	EA	1-1/2" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve	621.20	46.43
23 21 16 00-0300		Dual Unit Reducing And Relief Valve <small>(23 21 16)</small>		
23 21 16 00-0301	EA	1/2" Dual Unit Reducing And Relief Valve	222.41	35.42
23 21 16 00-0302		Safety Relief Valve <small>(23 21 16)</small>		
		Note: Used in water heater and hot water storage tank applications.		
23 21 16 00-0303		Threaded Inlet, Bronze Body Safety Valves <small>(23 21 16 00-0302)</small>		
		Note: Variable set points to 150 psig pressure, 210 Degree F temperature range.		
23 21 16 00-0304	EA	1/2" x 1/2" Threaded Inlet, Bronze Body Safety Valve	82.11	14.51
23 21 16 00-0305	EA	3/4" x 3/4" Threaded Inlet, Bronze Body Safety Valve	114.52	15.96
23 21 16 00-0306	EA	1" x 1" Threaded Inlet, Bronze Body Safety Valve	166.10	19.44
23 21 16 00-0307	EA	1-1/4" x 1-1/4" Threaded Inlet, Bronze Body Safety Valve	215.62	20.60
23 21 16 00-0308	EA	1-1/2" x 1-1/2" Threaded Inlet, Bronze Body Safety Valve	297.06	27.57
23 21 16 00-0309	EA	2" x 2" Threaded Inlet, Bronze Body Safety Valve	399.32	32.50
23 21 16 00-0310	EA	2-1/2" x 2-1/2" Threaded Inlet, Bronze Body Safety Valve	452.10	40.63
23 21 16 00-0311		Plastic Pressure Relief Valves <small>(23 21 16 00-0302)</small>		
23 21 16 00-0312		Polyvinyl Chloride (PVC) Pressure Relief Valves <small>(23 21 16 00-0311)</small>		
23 21 16 00-0313	EA	1/4" Polyvinyl Chloride (PVC) Pressure Relief Valve	224.56	17.41
23 21 16 00-0314	EA	1/2" Polyvinyl Chloride (PVC) Pressure Relief Valve	247.42	24.38
23 21 16 00-0315	EA	3/4" Polyvinyl Chloride (PVC) Pressure Relief Valve	464.45	29.02
23 21 16 00-0316	EA	1" Polyvinyl Chloride (PVC) Pressure Relief Valve	550.14	38.89
23 21 16 00-0317	EA	1-1/2" Polyvinyl Chloride (PVC) Pressure Relief Valve	714.87	46.43
23 21 16 00-0318	EA	2" Polyvinyl Chloride (PVC) Pressure Relief Valve	891.55	72.55

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 21 16 00-0319			Polypropylene Pressure Relief Valves (23 21 16 00-0311)		
23 21 16 00-0320	EA		1/4" Polypropylene Pressure Relief Valve	257.74	17.41
23 21 16 00-0321	EA		1/2" Polypropylene Pressure Relief Valve	297.18	24.14
23 21 16 00-0322	EA		3/4" Polypropylene Pressure Relief Valve	580.56	29.02
23 21 16 00-0323	EA		1" Polypropylene Pressure Relief Valve	674.55	38.76
23 21 16 00-0324	EA		1-1/2" Polypropylene Pressure Relief Valve	1,187.63	46.43
23 21 16 00-0325	EA		2" Polypropylene Pressure Relief Valve	1,455.54	72.55
23 21 16 00-0326			Teflon (PTFE) Pressure Relief Valves (23 21 16 00-0311)		
23 21 16 00-0327	EA		1/4" Teflon (PTFE) Pressure Relief Valve.....	456.79	17.41
23 21 16 00-0328	EA		1/2" Teflon (PTFE) Pressure Relief Valve.....	504.53	24.14
23 21 16 00-0329	EA		3/4" Teflon (PTFE) Pressure Relief Valve.....	953.79	29.02
23 21 16 00-0330	EA		1" Teflon (PTFE) Pressure Relief Valve	1,122.42	38.76
23 21 16 00-0331	EA		1-1/2" Teflon (PTFE) Pressure Relief Valve	1,834.56	46.43
23 21 16 00-0332	EA		2" Teflon (PTFE) Pressure Relief Valve	2,367.88	72.55
23 21 16 00-0333			Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valves (23 21 16 00-0311)		
23 21 16 00-0334	EA		1/2" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve.....	233.58	24.14
23 21 16 00-0335	EA		3/4" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve.....	266.67	29.02
23 21 16 00-0336	EA		1" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve	325.01	38.65
23 21 16 00-0337	EA		1-1/2" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve	416.49	46.43
23 21 16 00-0338	EA		2" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve.....	528.22	72.55
23 21 16 00-0339			Threaded, Bronze Body, Temperature And Pressure Relief Valves (23 21 16)		
23 21 16 00-0340	EA		1/2" x 1/2" Threaded, Bronze Body, Temperature And Pressure Relief Valve	92.91	29.60
			<i>For Cast Iron Body, Add</i>	55.69	
23 21 16 00-0341	EA		3/4" x 3/4" Threaded, Bronze Body, Temperature And Pressure Relief Valve	120.10	35.52
			<i>For Cast Iron Body, Add</i>	77.58	
23 21 16 00-0342	EA		1" x 1" Threaded, Bronze Body, Temperature And Pressure Relief Valve	176.22	47.35
			<i>For Cast Iron Body, Add</i>	123.55	
23 21 16 00-0343	EA		1-1/4" x 1-1/4" Threaded, Bronze Body, Temperature And Pressure Relief Valve	292.98	50.73
			<i>For Cast Iron Body, Add</i>	262.59	
23 21 16 00-0344	EA		1-1/2" x 1-1/2" Threaded, Bronze Body, Temperature And Pressure Relief Valve	494.67	56.88
			<i>For Cast Iron Body, Add</i>	502.31	
23 21 16 00-0345	EA		2" x 2" Threaded, Bronze Body, Temperature And Pressure Relief Valve	571.19	81.77
			<i>For Cast Iron Body, Add</i>	546.98	
23 21 16 00-0346			Thermostatic Radiator Valves (23 21 16)		
			Note: For hot water or two pipe low pressure steam.		
23 21 16 00-0347	EA		1/2" Straight Thermostatic Radiator Valve (Danfoss 013G8015).....	83.24	18.73
23 21 16 00-0348	EA		3/4" Straight Thermostatic Radiator Valve (Danfoss 013G8020).....	101.87	25.24
23 21 16 00-0349	EA		1" Straight Thermostatic Radiator Valve (Danfoss 013G8025).....	134.92	30.56
23 21 16 00-0350	EA		1-1/4" Straight Thermostatic Radiator Valve (Danfoss 013G8032).....	207.29	38.71
23 21 16 00-0351	EA		1/2" Angle Thermostatic Radiator Valve (Danfoss 013G8014).....	83.24	18.73
23 21 16 00-0352	EA		3/4" Angle Thermostatic Radiator Valve (Danfoss 013G8019).....	101.87	25.24
23 21 16 00-0353	EA		1" Angle Thermostatic Radiator Valve (Danfoss 013G8024).....	134.92	30.56
23 21 16 00-0354	EA		1-1/4" Angle Thermostatic Radiator Valve (Danfoss 013G8031).....	207.29	38.71
23 21 16 00-0355	EA		Tamper Resistant Valve Mounted Dial And Sensor Thermostatic Operator (Danfoss 013G8240).....	83.97	14.51
23 21 16 00-0356	EA		Tamper Resistant Valve Mounted Dial With Remote Sensor Thermostatic Operator (Danfoss 013G2922).....	140.30	20.32
23 21 16 00-0357			ASME Construction Compression Tanks (23 21 16)		
			Note: With gauge glass taps, 125 PSI, 240 degree F tanks below are sized by capacity and diameter and height. See CSI section 22 12 00 00-0000 for other tanks.		
23 21 16 00-0358	EA		15 Gallon, 13" x 34-1/2" ASME Construction Compression Tank.....	1,176.69	204.37
			<i>For Galvanized Steel Tanks, Add</i>	433.52	
23 21 16 00-0359	EA		24 Gallon, 13" x 51" ASME Construction Compression Tank.....	1,199.14	210.18
			<i>For Galvanized Steel Tanks, Add</i>	439.91	
23 21 16 00-0360	EA		30 Gallon, 13" x 61-1/2" ASME Construction Compression Tank.....	1,311.60	217.14
			<i>For Galvanized Steel Tanks, Add</i>	490.91	
23 21 16 00-0361	EA		40 Gallon, 16-1/4" x 53" ASME Construction Compression Tank.....	1,439.10	225.27
			<i>For Galvanized Steel Tanks, Add</i>	548.28	
23 21 16 00-0362	EA		60 Gallon, 16-1/4" x 76-1/2" ASME Construction Compression Tank.....	1,686.03	238.04
			<i>For Galvanized Steel Tanks, Add</i>	663.03	
23 21 16 00-0363	EA		80 Gallon, 20-1/4" x 68" ASME Construction Compression Tank.....	1,751.65	247.34
			<i>For Galvanized Steel Tanks, Add</i>	688.54	
23 21 16 00-0364	EA		100 Gallon, 20-1/4" x 82" ASME Construction Compression Tank.....	2,179.79	269.40
			<i>For Galvanized Steel Tanks, Add</i>	886.18	
23 21 16 00-0365	EA		120 Gallon, 24-1/4" x 71-1/2" ASME Construction Compression Tank.....	2,376.27	289.14
			<i>For Galvanized Steel Tanks, Add</i>	969.04	
23 21 16 00-0366	EA		144 Gallon, 24-1/4" x 83-1/2" ASME Construction Compression Tank.....	2,966.63	326.30
			<i>For Galvanized Steel Tanks, Add</i>	1,236.26	
23 21 16 00-0367	EA		180 Gallon, 30" x 60" ASME Construction Compression Tank.....	3,779.59	373.90
			<i>For Galvanized Steel Tanks, Add</i>	1,606.58	
23 21 16 00-0368	EA		202 Gallon, 30" x 72" ASME Construction Compression Tank.....	4,537.33	414.54
			<i>For Galvanized Steel Tanks, Add</i>	1,954.83	
23 21 16 00-0369	EA		230 Gallon, 30" x 84" ASME Construction Compression Tank.....	4,962.49	450.54
			<i>For Galvanized Steel Tanks, Add</i>	2,139.72	
23 21 16 00-0370	EA		280 Gallon, 30" x 96" ASME Construction Compression Tank.....	6,290.89	494.66
			<i>For Galvanized Steel Tanks, Add</i>	2,770.87	
23 21 16 00-0371	EA		306 Gallon, 30" x 108" ASME Construction Compression Tank.....	6,485.05	528.34
			<i>For Galvanized Steel Tanks, Add</i>	2,842.12	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0372	EA		340 Gallon, 36" x 84" ASME Construction Compression Tank <i>For Galvanized Steel Tanks, Add</i>	8,390.14 3,765.00	567.82
23 21 16 00-0373	EA		550 Gallon, 36" x 96" ASME Construction Compression Tank <i>For Galvanized Steel Tanks, Add</i>	14,055.86 6,523.07	666.52
23 21 16 00-0374			Compression Tank Air Fittings <small>(23 21 16)</small>		
23 21 16 00-0375	EA		9" To 24" Diameter Compression Tank Air Fittings	379.06	32.51
23 21 16 00-0376	EA		>100 Gallon Compression Tank Air Fittings	1,309.28	38.32
23 21 16 00-0377			Vortex Air Separators With Strainer <small>(23 21 16)</small>		
Note: Separators are priced by capacity in gallons per minute and by boiler connection sizes and types.					
23 21 16 00-0378	EA		2" Threaded, 56 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-2N) <i>For 300 PSIG, Add</i>	1,285.35 136.62	247.34
23 21 16 00-0379	EA		2-1/2" Threaded, 90 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-2-1/2N) <i>For 300 PSIG, Add</i>	1,583.36 172.99	283.33
23 21 16 00-0380	EA		3" Threaded, 190 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-3N) <i>For 300 PSIG, Add</i>	2,401.87 284.55	333.26
23 21 16 00-0381	EA		3" Flanged, 190 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-3F) <i>For 300 PSIG, Add</i>	2,566.45 304.76	352.92
23 21 16 00-0382	EA		4" Flanged, 300 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-4F) <i>For 300 PSIG, Add</i>	3,315.94 390.45	470.55
23 21 16 00-0383	EA		5" Flanged, 500 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-5F) <i>For 300 PSIG, Add</i>	4,172.42 498.77	559.69
23 21 16 00-0384	EA		6" Flanged, 700 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-6F) <i>For 300 PSIG, Add</i>	4,942.87 597.39	633.76
23 21 16 00-0385	EA		8" Flanged, 1,300 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-8F) <i>For 300 PSIG, Add</i>	7,069.65 887.60	760.32
23 21 16 00-0386	EA		10" Flanged, 2,000 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-10F) <i>For 300 PSIG, Add</i>	10,805.21 1,424.37	864.23
23 21 16 00-0387	EA		12" Flanged, 2,750 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-12F) <i>For 300 PSIG, Add</i>	14,563.31 1,930.31	1,118.35
23 21 16 00-0388	EA		14" Flanged, 3400 GPM With Strainer, Vortex Air Separator (Rolairtrol R-14F) <i>For 300 PSIG, Add</i>	30,094.82 4,205.57	1,358.07
23 21 16 00-0389	EA		16" Flanged, 4400 GPM With Strainer, Vortex Air Separator (Rolairtrol R-16F) <i>For 300 PSIG, Add</i>	37,141.42 5,200.83	1,629.69
23 21 16 00-0390	EA		18" Flanged, 5200 GPM With Strainer, Vortex Air Separator (Rolairtrol R-16F) <i>For 300 PSIG, Add</i>	48,403.69 6,828.44	1,901.30
23 21 16 00-0391	EA		20" Flanged, 6300 GPM With Strainer, Vortex Air Separator (Rolairtrol R-20F) <i>For 300 PSIG, Add</i>	56,621.18 7,999.33	2,172.92
23 21 16 00-0392			Vortex Air Separators <small>(23 21 16)</small>		
Note: Without system strainer.					
23 21 16 00-0393	EA		2" Threaded, 56 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-2N) <i>For 300 PSIG, Add</i>	1,107.51 109.94	247.34
23 21 16 00-0394	EA		2-1/2" Threaded, 90 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-2-1/2N) <i>For 300 PSIG, Add</i>	1,389.35 143.89	283.33
23 21 16 00-0395	EA		3" Threaded, 190 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-3N) <i>For 300 PSIG, Add</i>	2,353.37 277.28	333.26
23 21 16 00-0396	EA		3" Flanged, 190 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-3F) <i>For 300 PSIG, Add</i>	2,140.70 240.90	352.92
23 21 16 00-0397	EA		4" Flanged, 300 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-4F) <i>For 300 PSIG, Add</i>	2,868.64 323.35	470.55
23 21 16 00-0398	EA		5" Flanged, 530 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-5F) <i>For 300 PSIG, Add</i>	3,703.56 428.44	559.69
23 21 16 00-0399	EA		6" Flanged, 850 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-6F) <i>For 300 PSIG, Add</i>	4,306.94 502.00	633.76
23 21 16 00-0400	EA		8" Flanged, 1,900 GPM Vortex Air Separator (Rolairtrol RL-8F) <i>For 300 PSIG, Add</i>	5,711.57 683.89	760.32
23 21 16 00-0401	EA		10" Flanged, 3,600 GPM Vortex Air Separator (Rolairtrol RL-10F) <i>For 300 PSIG, Add</i>	7,900.43 988.65	864.23
23 21 16 00-0402	EA		12" Flanged, 4,800 GPM Vortex Air Separator (Rolairtrol RL-12F) <i>For 300 PSIG, Add</i>	12,122.67 1,564.22	1,118.35
23 21 16 00-0403	EA		14" Flanged, 6,100 GPM Vortex Air Separator (Rolairtrol RL-14F) <i>For 300 PSIG, Add</i>	20,503.69 2,766.90	1,358.07
23 21 16 00-0404	EA		16" Flanged, 8,000 GPM Vortex Air Separator (Rolairtrol RL-16F) <i>For 300 PSIG, Add</i>	25,953.62 3,522.66	1,629.69
23 21 16 00-0405	EA		18" Flanged, 9,700 GPM Vortex Air Separator (Rolairtrol RL-16F) <i>For 300 PSIG, Add</i>	34,632.38 4,762.74	1,901.30
23 21 16 00-0406	EA		20" Flanged, 12,000 GPM Vortex Air Separator (Rolairtrol RL-20F) <i>For 300 PSIG, Add</i>	47,256.25 6,594.59	2,172.92
23 21 16 00-0407	EA		22" Flanged, 15,000 GPM Vortex Air Separator (Rolairtrol RL-22F) <i>For 300 PSIG, Add</i>	57,816.64 8,116.92	2,444.53
23 21 16 00-0408	EA		24" Flanged, 17,000 GPM Vortex Air Separator (Rolairtrol RL-24F) <i>For 300 PSIG, Add</i>	68,377.03 9,639.25	2,716.14
23 21 16 00-0409			Grooved, With Strainer, Vortex Air Separators <small>(23 21 16)</small>		
23 21 16 00-0410	EA		3" Grooved, 190 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-3G)	2,243.94	282.33
23 21 16 00-0411	EA		4" Grooved, 300 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-4G)	3,172.99	376.21
23 21 16 00-0412	EA		5" Grooved, 500 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-5G)	4,002.94	447.34
23 21 16 00-0413	EA		6" Grooved, 700 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-6G)	4,750.75	507.02
23 21 16 00-0414	EA		8" Grooved, 1,300 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-8G)	6,828.40	608.42
23 21 16 00-0415	EA		10" Grooved, 2,000 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-10G)	10,963.66	691.39
23 21 16 00-0416	EA		12" Grooved, 2,750 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-12G)	16,652.70	894.78

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 21 16 00-0417		Grooved Vortex Air Separators (23 21 16)		
Note: Without system strainer.				
23 21 16 00-0418	EA	3" Grooved, 190 GPM Vortex Air Separator (Rolairtrol RL-3G)	1,802.03	282.33
23 21 16 00-0419	EA	4" Grooved, 300 GPM Vortex Air Separator (Rolairtrol RL-4G)	2,725.69	376.21
23 21 16 00-0420	EA	5" Grooved, 530 GPM Vortex Air Separator (Rolairtrol RL-5G)	3,534.08	447.34
23 21 16 00-0421	EA	6" Grooved, 850 GPM Vortex Air Separator (Rolairtrol RL-6G)	4,114.82	507.02
23 21 16 00-0422	EA	8" Grooved, 1,900 GPM Vortex Air Separator (Rolairtrol RL-8G)	5,481.10	608.42
23 21 16 00-0423	EA	10" Grooved, 3,600 GPM Vortex Air Separator (Rolairtrol RL-10G)	8,015.77	691.39
23 21 16 00-0424	EA	12" Grooved, 4,800 GPM Vortex Air Separator (Rolairtrol RL-12G)	13,253.11	894.78
23 21 16 00-0425		Removable Head, Air Eliminator And Dirt Separator (23 21 16)		
Note: Spirovent VDN.				
23 21 16 00-0426	EA	2", 45 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	3,621.78	247.34
23 21 16 00-0427	EA	2-1/2", 70 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	3,923.55	283.33
23 21 16 00-0428	EA	3", 95 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	5,233.64	333.26
23 21 16 00-0429	EA	4", 170 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	5,996.74	510.92
23 21 16 00-0430	EA	5", 260 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	8,747.21	631.68
23 21 16 00-0431	EA	6", 375 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	11,246.26	715.29
23 21 16 00-0432	EA	8", 625 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	17,532.62	161.41
23 21 16 00-0433	EA	10", 950 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	25,854.03	975.40
23 21 16 00-0434	EA	12", 1,400 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	33,416.38	1,262.21
23 21 16 00-0435		Air Eliminator And Dirt Separator (23 21 16)		
Note: Spirovent VDT.				
23 21 16 00-0436	EA	2", 45 GPM, Air Eliminator And Dirt Separator (Spirotherm VDT)	3,560.31	247.34
23 21 16 00-0437	EA	2-1/2", 70 GPM, Air Eliminator And Dirt Separator (Spirotherm VDT)	3,934.20	283.33
23 21 16 00-0438	EA	3", 95 GPM, Air Eliminator And Dirt Separator (Spirotherm VDT)	4,319.56	306.93
23 21 16 00-0439	EA	4", 170 GPM, Air Eliminator And Dirt Separator (Spirotherm VDT)	4,883.03	470.55
23 21 16 00-0440	EA	5", 260 GPM, Air Eliminator And Dirt Separator (Spirotherm VDT)	5,642.81	559.69
23 21 16 00-0441	EA	6", 375 GPM, Air Eliminator And Dirt Separator (Spirotherm VDT)	6,115.42	633.76
23 21 16 00-0442		High Velocity, Air Eliminator And Dirt Separator (Spirotherm) (23 21 16)		
23 21 16 00-0443	EA	2", 105 GPM, High Velocity, Flanged, Air Eliminator And Dirt Separator (Spirotherm VHT)	3,878.71	247.34
23 21 16 00-0444	EA	2-1/2", 155 GPM, High Velocity, Flanged, Air Eliminator And Dirt Separator (Spirotherm VHT)	7,083.90	283.33
23 21 16 00-0445	EA	3", 225 GPM, High Velocity, Flanged, Air Eliminator And Dirt Separator (Spirotherm VHT)	7,343.55	306.93
23 21 16 00-0446	EA	4", 405 GPM, High Velocity, Flanged, Air Eliminator And Dirt Separator (Spirotherm VHT)	8,279.39	470.55
23 21 16 00-0447	EA	5", 630 GPM, High Velocity, Flanged, Air Eliminator And Dirt Separator (Spirotherm VHT)	9,629.05	612.84
23 21 16 00-0448	EA	6", 910 GPM, High Velocity, Flanged, Air Eliminator And Dirt Separator (Spirotherm VHT)	10,405.34	693.95
23 21 16 00-0449		Swivel Joints (23 21 16)		
23 21 16 00-0450		Carbon Steel, Straight Through Swivel Joint (Dixon Style 20) (23 21 16 00-0449)		
Note: Includes BUNA-N Seat. For oil, gasoline, water, air, gas, and chemicals.				
23 21 16 00-0451	EA	1" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	352.96	30.54
23 21 16 00-0452	EA	1-1/2" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	507.21	44.70
23 21 16 00-0453	EA	2" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	710.82	52.26
23 21 16 00-0454	EA	3" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	1,060.50	89.42
23 21 16 00-0455	EA	4" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	1,344.26	101.60
For Stainless Steel, Add			1,711.58	
23 21 16 00-0456	EA	2" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	990.99	154.79
For Stainless Steel, Add			1,196.19	
23 21 16 00-0457	EA	3" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	1,338.99	123.49
23 21 16 00-0458	EA	4" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	1,706.14	330.94
23 21 16 00-0459	EA	6" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	3,163.36	418.03
23 21 16 00-0460		Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30) (23 21 16 00-0449)		
Note: Includes BUNA-N Seat. For oil, gasoline, water, air, gas, and chemicals.				
23 21 16 00-0461	EA	1" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	448.96	30.54
For Stainless Steel, Add			581.78	
23 21 16 00-0462	EA	1-1/2" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	552.55	44.70
For Stainless Steel, Add			694.83	
23 21 16 00-0463	EA	2" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	744.46	52.26
For Stainless Steel, Add			958.35	
23 21 16 00-0464	EA	3" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	1,196.52	89.42
For Stainless Steel, Add			1,526.82	
23 21 16 00-0465	EA	4" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	1,566.43	101.60
For Stainless Steel, Add			2,044.83	
23 21 16 00-0466	EA	2" Flanged, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	1,021.73	154.79
For Stainless Steel, Add			1,242.30	
23 21 16 00-0467	EA	3" Flanged, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	1,515.06	123.49
For Stainless Steel, Add			1,902.00	
23 21 16 00-0468	EA	4" Flanged, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	1,909.41	330.94
For Stainless Steel, Add			2,242.05	
23 21 16 00-0469	EA	6" Flanged, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	3,303.74	418.03
For Stainless Steel, Add			4,169.00	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0470			Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40) ^(23 21 16 00-0449)		
			Note: Includes BUNA-N Seat. For oil, gasoline, water, air, gas, and chemicals.		
23 21 16 00-0471	EA		1" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40).....	528.18	30.54
			<i>For Stainless Steel, Add</i>	700.61	
23 21 16 00-0472	EA		1-1/2" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40).....	613.00	44.70
			<i>For Stainless Steel, Add</i>	785.51	
23 21 16 00-0473	EA		2" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40).....	896.41	52.26
			<i>For Stainless Steel, Add</i>	1,186.28	
23 21 16 00-0474	EA		3" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40).....	1,379.39	89.42
			<i>For Stainless Steel, Add</i>	1,801.13	
23 21 16 00-0475	EA		4" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40).....	1,626.88	101.60
			<i>For Stainless Steel, Add</i>	2,135.51	
23 21 16 00-0476	EA		2" Flanged, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40).....	1,172.86	154.79
			<i>For Stainless Steel, Add</i>	1,469.00	
23 21 16 00-0477	EA		3" Flanged, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40).....	1,702.47	123.49
			<i>For Stainless Steel, Add</i>	2,183.12	
23 21 16 00-0478	EA		4" Flanged, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40).....	2,102.86	330.94
			<i>For Stainless Steel, Add</i>	2,532.23	
23 21 16 00-0479	EA		6" Flanged, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40).....	3,719.35	418.03
			<i>For Stainless Steel, Add</i>	4,792.41	
23 21 16 00-0480			Basket Strainers ^(23 21 16 00-0480)		
23 21 16 00-0481			Bronze Body Basket Strainers ^(23 21 16 00-0481)		
23 21 16 00-0482			Screwed Ends, Bronze Body Basket Strainers ^(23 21 16 00-0482)		
23 21 16 00-0483	EA		1/2" Screwed Ends, Bronze Body Basket Strainer.....	301.50	23.23
			<i>For Work In Restricted Working Space, Add</i>	13.82	
23 21 16 00-0484	EA		3/4" Screwed Ends, Bronze Body Basket Strainer.....	356.30	27.29
			<i>For Work In Restricted Working Space, Add</i>	16.24	
23 21 16 00-0485	EA		1" Screwed Ends, Bronze Body Basket Strainer.....	413.41	32.51
			<i>For Work In Restricted Working Space, Add</i>	19.35	
23 21 16 00-0486	EA		1-1/4" Screwed Ends, Bronze Body Basket Strainer.....	514.31	36.00
			<i>For Work In Restricted Working Space, Add</i>	21.58	
23 21 16 00-0487	EA		1-1/2" Screwed Ends, Bronze Body Basket Strainer.....	607.07	40.64
			<i>For Work In Restricted Working Space, Add</i>	24.36	
23 21 16 00-0488	EA		2" Screwed Ends, Bronze Body Basket Strainer.....	902.65	46.45
			<i>For Work In Restricted Working Space, Add</i>	27.90	
23 21 16 00-0489	EA		2-1/2" Screwed Ends, Bronze Body Basket Strainer.....	1,276.45	62.12
			<i>For Work In Restricted Working Space, Add</i>	37.37	
23 21 16 00-0490	EA		3" Screwed Ends, Bronze Body Basket Strainer.....	1,793.16	66.19
			<i>For Work In Restricted Working Space, Add</i>	39.63	
23 21 16 00-0491			Flanged, Bronze Body Basket Strainers ^(23 21 16 00-0491)		
23 21 16 00-0492	EA		2" Flanged, Bronze Body Basket Strainer.....	1,420.54	154.79
			<i>For Work In Restricted Working Space, Add</i>	58.06	
23 21 16 00-0493	EA		2-1/2" Flanged, Bronze Body Basket Strainer.....	2,130.93	168.38
			<i>For Work In Restricted Working Space, Add</i>	63.34	
23 21 16 00-0494	EA		3" Flanged, Bronze Body Basket Strainer.....	2,417.28	197.41
			<i>For Work In Restricted Working Space, Add</i>	74.12	
23 21 16 00-0495	EA		4" Flanged, Bronze Body Basket Strainer.....	4,087.39	330.94
			<i>For Work In Restricted Working Space, Add</i>	124.41	
23 21 16 00-0496	EA		6" Flanged, Bronze Body Basket Strainer.....	7,726.53	370.39
			<i>For Work In Restricted Working Space, Add</i>	139.39	
23 21 16 00-0497	EA		8" Flanged, Bronze Body Basket Strainer.....	14,068.31	473.27
			<i>For Work In Restricted Working Space, Add</i>	176.37	
23 21 16 00-0498			Iron Body Basket Strainers ^(23 21 16 00-0498)		
23 21 16 00-0499			Screwed Ends, Iron Body Basket Strainers ^(23 21 16 00-0499)		
23 21 16 00-0500	EA		1/2" Screwed Ends, Iron Body Basket Strainer.....	371.35	23.23
			<i>For Work In Restricted Working Space, Add</i>	13.82	
23 21 16 00-0501	EA		3/4" Screwed Ends, Iron Body Basket Strainer.....	418.20	27.29
			<i>For Work In Restricted Working Space, Add</i>	16.24	
23 21 16 00-0502	EA		1" Screwed Ends, Iron Body Basket Strainer.....	494.22	32.51
			<i>For Work In Restricted Working Space, Add</i>	19.35	
23 21 16 00-0503	EA		1-1/4" Screwed Ends, Iron Body Basket Strainer.....	647.85	36.00
			<i>For Work In Restricted Working Space, Add</i>	21.58	
23 21 16 00-0504	EA		1-1/2" Screwed Ends, Iron Body Basket Strainer.....	710.85	40.64
			<i>For Work In Restricted Working Space, Add</i>	24.36	
23 21 16 00-0505	EA		2" Screwed Ends, Iron Body Basket Strainer.....	844.98	46.45
			<i>For Work In Restricted Working Space, Add</i>	27.90	
23 21 16 00-0506	EA		2-1/2" Screwed Ends, Iron Body Basket Strainer.....	1,198.83	62.12
			<i>For Work In Restricted Working Space, Add</i>	37.37	
23 21 16 00-0507	EA		3" Screwed Ends, Iron Body Basket Strainer.....	1,355.59	66.19
			<i>For Work In Restricted Working Space, Add</i>	39.63	
23 21 16 00-0508			Flanged, Iron Body Basket Strainers ^(23 21 16 00-0508)		
23 21 16 00-0509	EA		2" Flanged, Iron Body Basket Strainer.....	973.60	154.79
			<i>For Work In Restricted Working Space, Add</i>	58.06	
23 21 16 00-0510	EA		2-1/2" Flanged, Iron Body Basket Strainer.....	1,262.52	168.38
			<i>For Work In Restricted Working Space, Add</i>	63.34	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0511	EA		3" Flanged, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	1,366.30 74.12	197.41
23 21 16 00-0512	EA		4" Flanged, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	2,099.22 124.41	330.94
23 21 16 00-0513	EA		6" Flanged, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	3,743.21 139.39	370.39
23 21 16 00-0514	EA		8" Flanged, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	6,636.31 176.37	473.27
23 21 16 00-0515	EA		10" Flanged, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	9,821.06 216.06	576.15
23 21 16 00-0516	EA		12" Flanged, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	12,249.26 435.77	726.37
23 21 16 00-0517	EA		14" Flanged, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	14,651.88 308.65	823.08
23 21 16 00-0518	EA		16" Flanged, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	15,376.57 339.52	905.38
23 21 16 00-0519			Cast Steel Body Basket Strainers (23 21 16 00-0480)		
23 21 16 00-0520			Screwed Ends, Cast Steel Body Basket Strainers (23 21 16 00-0519)		
23 21 16 00-0521	EA		1" Screwed Ends, Cast Steel Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	1,594.71 19.35	32.51
23 21 16 00-0522	EA		1-1/4" Screwed Ends, Cast Steel Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	2,114.35 21.58	36.00
23 21 16 00-0523	EA		1-1/2" Screwed Ends, Cast Steel Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	2,382.96 24.35	40.64
23 21 16 00-0524	EA		2" Screwed Ends, Cast Steel Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	3,367.34 27.89	46.45
23 21 16 00-0525	EA		2-1/2" Screwed Ends, Cast Steel Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	4,728.10 37.36	62.12
23 21 16 00-0526	EA		3" Screwed Ends, Cast Steel Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	6,162.14 39.64	66.19
23 21 16 00-0527			Flanged, Cast Steel Body Basket Strainers (23 21 16 00-0519)		
23 21 16 00-0528	EA		2" Flanged, Cast Steel Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	4,959.19 58.06	154.79
23 21 16 00-0529	EA		2-1/2" Flanged, Cast Steel Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	7,181.30 63.34	168.38
23 21 16 00-0530	EA		3" Flanged, Cast Steel Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	7,865.62 74.12	197.41
23 21 16 00-0531	EA		4" Flanged, Cast Steel Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	11,113.12 124.41	330.94
23 21 16 00-0532	EA		6" Flanged, Cast Steel Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	19,754.20 139.39	370.39
23 21 16 00-0533	EA		8" Flanged, Cast Steel Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	32,196.85 176.37	473.27
23 21 16 00-0534			Stainless Steel Body Basket Strainers (23 21 16 00-0480)		
23 21 16 00-0535			Screwed Ends, Stainless Steel Body Basket Strainers (23 21 16 00-0534)		
23 21 16 00-0536	EA		1" Screwed Ends, Stainless Steel Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	548.20 19.35	32.51
23 21 16 00-0537	EA		1-1/4" Screwed Ends, Stainless Steel Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	787.89 21.58	36.00
23 21 16 00-0538	EA		1-1/2" Screwed Ends, Stainless Steel Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	813.90 24.35	40.64
23 21 16 00-0539	EA		2" Screwed Ends, Stainless Steel Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	1,201.65 27.89	46.45
23 21 16 00-0540	EA		2-1/2" Screwed Ends, Stainless Steel Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	1,697.74 37.36	62.12
23 21 16 00-0541	EA		3" Screwed Ends, Stainless Steel Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	2,394.96 39.64	66.19
23 21 16 00-0542			Flanged, Stainless Steel Body Basket Strainers (23 21 16 00-0534)		
23 21 16 00-0543	EA		2" Flanged, Stainless Steel Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	1,843.36 58.06	154.79
23 21 16 00-0544	EA		2-1/2" Flanged, Stainless Steel Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	2,780.45 63.34	168.38
23 21 16 00-0545	EA		3" Flanged, Stainless Steel Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	3,149.22 74.12	197.41
23 21 16 00-0546	EA		4" Flanged, Stainless Steel Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	5,323.49 124.41	330.94
23 21 16 00-0547	EA		6" Flanged, Stainless Steel Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	8,127.12 139.39	370.39
23 21 16 00-0548	EA		8" Flanged, Stainless Steel Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	14,093.03 176.37	473.27
23 21 16 00-0549			Plastic Basket Strainers (23 21 16 00-0480)		
23 21 16 00-0550			Screwed Or Socket Ends, Simplex, Plastic Basket Strainers (23 21 16 00-0549)		
23 21 16 00-0551			Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainers (23 21 16 00-0550)		

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 16 00-0552	EA	1/2"	Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	518.49 13.82	16.26
23 21 16 00-0553	EA	3/4"	Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	526.55 16.24	18.93
23 21 16 00-0554	EA	1"	Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	536.92 19.35	22.52
23 21 16 00-0555	EA	1-1/2"	Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	893.21 24.35	28.45
23 21 16 00-0556	EA	2"	Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	920.33 27.89	32.51
23 21 16 00-0557	EA	3"	Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	2,006.44 39.64	46.45
23 21 16 00-0558	EA	4"	Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	2,656.20 52.25	60.96

23 21 16 00-0559 Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainers
(23 21 16 00-0550)

23 21 16 00-0560	EA	1/2"	Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	1,002.36 13.82	16.26
23 21 16 00-0561	EA	3/4"	Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	1,010.42 16.24	18.93
23 21 16 00-0562	EA	1"	Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	1,020.79 19.35	22.52
23 21 16 00-0563	EA	1-1/2"	Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	1,783.83 24.35	28.45
23 21 16 00-0564	EA	2"	Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	1,828.95 27.89	32.51
23 21 16 00-0565	EA	3"	Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	748.55 39.64	46.45
23 21 16 00-0566	EA	4"	Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	4,978.89 52.25	60.96

23 21 16 00-0567 Flanged, Simplex, Plastic Basket Strainers
(23 21 16 00-0549)
23 21 16 00-0568 Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainers
(23 21 16 00-0567)

23 21 16 00-0569	EA	1"	Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	744.50 60.95	101.60
23 21 16 00-0570	EA	1-1/2"	Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	1,200.04 69.67	116.12
23 21 16 00-0571	EA	2"	Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	1,256.21 81.16	135.28
23 21 16 00-0572	EA	3"	Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	2,496.74 74.12	197.41
23 21 16 00-0573	EA	4"	Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	3,348.74 124.41	330.94
23 21 16 00-0574	EA	6"	Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	6,783.16 157.32	418.03
23 21 16 00-0575	EA	8"	Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	8,911.50 199.06	534.15

23 21 16 00-0576 Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainers
(23 21 16 00-0567)

23 21 16 00-0577	EA	1-1/2"	Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	2,148.14 69.67	116.12
23 21 16 00-0578	EA	2"	Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	2,226.42 81.16	135.28
23 21 16 00-0579	EA	3"	Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	4,878.54 74.12	197.41
23 21 16 00-0580	EA	4"	Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	6,089.11 124.41	330.94

23 21 16 00-0581 Screwed Or Socket Ends, Duplex, Plastic Basket Strainers
(23 21 16 00-0549)
23 21 16 00-0582 Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainers
(23 21 16 00-0581)

23 21 16 00-0583	EA	1/2"	Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	2,288.10 13.82	16.26
23 21 16 00-0584	EA	3/4"	Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	2,296.16 16.24	18.93
23 21 16 00-0585	EA	1"	Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	2,306.53 19.35	22.52
23 21 16 00-0586	EA	1-1/2"	Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	3,571.88 24.35	28.45
23 21 16 00-0587	EA	2"	Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	3,583.68 27.89	32.51
23 21 16 00-0588	EA	3"	Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	8,014.94 39.64	46.45
23 21 16 00-0589	EA	4"	Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	10,572.21 52.25	60.96

23 21 16 00-0590 Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainers
(23 21 16 00-0581)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0591	EA		1/2" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	4,427.66 13.82	16.26
23 21 16 00-0592	EA		3/4" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	4,435.72 16.24	18.93
23 21 16 00-0593	EA		1" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	4,446.09 19.35	22.52
23 21 16 00-0594	EA		1-1/2" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	6,915.11 24.35	28.45
23 21 16 00-0595	EA		2" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	6,926.91 27.89	32.51
23 21 16 00-0596	EA		3" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	13,536.77 39.64	46.45
23 21 16 00-0597	EA		4" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	20,369.40 52.25	60.96
23 21 16 00-0598			Flanged, Duplex, Plastic Basket Strainers <small>(23 21 16 00-0549)</small>		
23 21 16 00-0599			Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainers <small>(23 21 16 00-0598)</small>		
23 21 16 00-0600	EA		1/2" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	2,380.19 26.13	43.54
23 21 16 00-0601	EA		3/4" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	2,409.21 34.84	58.06
23 21 16 00-0602	EA		1" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	2,496.24 60.95	101.60
23 21 16 00-0603	EA		1-1/2" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	3,855.73 69.67	116.12
23 21 16 00-0604	EA		2" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	3,894.03 81.16	135.28
23 21 16 00-0605	EA		3" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	8,410.76 74.12	197.41
23 21 16 00-0606	EA		4" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	11,167.71 124.41	330.94
23 21 16 00-0607			Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainers <small>(23 21 16 00-0598)</small>		
23 21 16 00-0608	EA		1/2" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	4,561.95 26.12	43.54
23 21 16 00-0609	EA		3/4" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	4,590.95 34.82	58.06
23 21 16 00-0610	EA		1" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	4,678.03 60.95	101.60
23 21 16 00-0611	EA		1-1/2" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	7,312.74 69.67	116.12
23 21 16 00-0612	EA		2" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	7,351.04 81.16	135.28
23 21 16 00-0613	EA		3" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	16,563.86 74.12	197.41
23 21 16 00-0614	EA		4" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	21,486.28 124.41	330.94
23 21 16 00-0615			Plastic Strainer Baskets <small>(23 21 16 00-0549)</small>		
23 21 16 00-0616			Polyvinyl Chloride (PVC) Strainer Baskets <small>(23 21 16 00-0615)</small>		
23 21 16 00-0617	EA		1/2", 3/4" Or 1" Polyvinyl Chloride (PVC) Strainer Basket	199.43	
23 21 16 00-0618	EA		1-1/2", Or 2" Polyvinyl Chloride (PVC) Strainer Basket	244.63	
23 21 16 00-0619	EA		3" Polyvinyl Chloride (PVC) Strainer Basket	549.01	
23 21 16 00-0620	EA		4" Polyvinyl Chloride (PVC) Strainer Basket	623.07	
23 21 16 00-0621			Chlorinated Polyvinyl Chloride (CPVC) Strainer Baskets <small>(23 21 16 00-0615)</small>		
23 21 16 00-0622	EA		1/2", 3/4" Or 1" Chlorinated Polyvinyl Chloride (CPVC) Strainer Basket	383.18	
23 21 16 00-0623	EA		1-1/2" Or 2" Chlorinated Polyvinyl Chloride (CPVC) Strainer Basket	479.81	
23 21 16 00-0624	EA		3" Chlorinated Polyvinyl Chloride (CPVC) Strainer Basket	1,066.24	
23 21 16 00-0625	EA		4" Chlorinated Polyvinyl Chloride (CPVC) Strainer Basket	1,182.86	
23 21 16 00-0626			Air Vents <small>(23 21 16)</small>		
23 21 16 00-0627			Screwed Ends, Cast Iron, Automatic Air Vents <small>(23 21 16 00-0626)</small>		
			Note: With guided free floating lever.		
23 21 16 00-0628	EA		1/2" NPT, Cast Iron, Automatic Air Vent	430.48	33.67
23 21 16 00-0629	EA		3/4" NPT, Cast Iron, Automatic Air Vent	524.50	44.70
23 21 16 00-0630	EA		1" NPT, Cast Iron, Automatic Air Vent	1,244.75	46.45
23 21 16 00-0631	EA		1-1/4" NPT, Cast Iron, Automatic Air Vent	1,843.30	71.76
23 21 16 00-0632	EA		1-1/2" NPT, Cast Iron, Automatic Air Vent	3,110.98	77.22
23 21 16 00-0633	EA		2" NPT, Cast Iron, Automatic Air Vent	3,560.50	101.84
23 21 16 00-0634			Forged Steel, Stainless Steel Internals, Automatic Air Vents <small>(23 21 16 00-0626)</small>		
			Note: With guided free floating lever.		
23 21 16 00-0635	EA		1/2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	2,461.73	38.90
23 21 16 00-0636	EA		3/4" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	3,087.06	44.70
23 21 16 00-0637	EA		1" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	3,686.69	46.45
23 21 16 00-0638	EA		1-1/4" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	6,051.08	71.99
23 21 16 00-0639	EA		1-1/2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	6,991.34	77.22

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0640	EA		2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent.....	10,283.65	101.60
23 21 16 00-0641			Manual Air Vent (23 21 16 00-0626)		
23 21 16 00-0642	EA		Manual Air Vent	79.08	41.92
23 21 16 00-0643			Automatic Air Vent (23 21 16 00-0626)		
23 21 16 00-0644	EA		3/4" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR).....	241.81	44.70
23 21 16 00-0645	EA		1" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	264.71	46.45
23 21 16 00-0646	EA		1-1/4" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	374.94	71.76
23 21 16 00-0647	EA		1-1/2" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	463.33	77.22
23 21 16 00-0648	EA		2" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	591.20	83.21
23 21 16 00-0649			Air Release Valves (23 21 16 00-0626)		
23 21 16 00-0650			Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50) (23 21 16 00-0649)		
			Note: Up to 175 psi. Stainless steel float.		
23 21 16 00-0651	EA		1/2" NPT, Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50).....	197.83	17.42
23 21 16 00-0652	EA		3/4" NPT, Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50).....	202.49	19.74
23 21 16 00-0653	EA		1" NPT, Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50)	211.77	24.39
23 21 16 00-0654			Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200) (23 21 16 00-0649)		
			Note: Up to 175 psi. Stainless steel float.		
23 21 16 00-0655	EA		1" NPT, Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200A).....	810.47	24.39
23 21 16 00-0656	EA		2" NPT, Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200).....	972.20	42.39
23 21 16 00-0657	EA		3" Flanged, Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200)	1,274.88	98.82
23 21 16 00-0658			Cast Iron, Air/Vacuum Valves (23 21 16 00-0649)		
			Note: Up to 150 psi. Stainless steel float.		
23 21 16 00-0659	EA		1/2" NPT, Cast Iron, Air/Vacuum Valve (Apco 141)	391.88	17.42
23 21 16 00-0660	EA		1" NPT, Cast Iron, Air/Vacuum Valve (Apco 142).....	483.44	24.39
23 21 16 00-0661	EA		2" NPT, Cast Iron, Air/Vacuum Valve (Apco 144).....	835.08	42.39
23 21 16 00-0662	EA		3" Flanged, Cast Iron, Air/Vacuum Valve (Apco 146)	1,212.78	98.82
23 21 16 00-0663	EA		4" Flanged, Cast Iron, Air/Vacuum Valve (Apco 152)	1,896.87	165.89
23 21 16 00-0664	EA		6" Flanged Cast Iron Air Release Valve (APCO 153)	2,888.31	209.77
23 21 16 00-0665			Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (23 21 16 00-0649)		
			Note: Up to 150 psi. Stainless Steel float.		
23 21 16 00-0666	EA		1" NPT, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 143C).....	700.77	24.39
23 21 16 00-0667	EA		2" NPT, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 145C).....	1,075.70	42.39
23 21 16 00-0668	EA		3" Flanged, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 147C)	1,976.04	98.82
23 21 16 00-0669	EA		4" Flanged, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 149C)	2,561.80	165.89
23 21 23			Hydronic Pumps (23 21)		
23 21 23 13			In-Line Centrifugal Hydronic Pumps (23 21 23)		
23 21 23 13-0001			Cast Iron Single Stage In-Line Centrifugal Pump (23 21 23 13)		
			Note: For general service, 125 LB flanged, 3550 RPM TEFC motor. Includes packed stuffing boxes and ductile iron case.		
23 21 23 13-0002	EA		3 HP, 50 GPM At 100' Head, Single Stage Cast Iron In-Line Circulating Pump	5,633.88	310.14
			For Mechanical Seal, Add	376.31	
			For Cast Steel Case, Add	846.71	
23 21 23 13-0003	EA		5 HP, 75 GPM At 100' Head, Single Stage Cast Iron In-Line Circulating Pump	6,168.45	375.37
			For Mechanical Seal, Add	403.42	
			For Cast Steel Case, Add	907.69	
23 21 23 13-0004	EA		7-1/2 HP, 100 GPM At 150' Head, Single Stage Cast Iron In-Line Circulating Pump	7,135.28	445.96
			For Mechanical Seal, Add	463.88	
			For Cast Steel Case, Add	1,043.73	
23 21 23 13-0005	EA		10 HP, 125 GPM At 150' Head, Single Stage Cast Iron In-Line Circulating Pump	8,034.99	594.61
			For Mechanical Seal, Add	500.21	
			For Cast Steel Case, Add	1,125.46	
23 21 23 13-0006	EA		15 HP, 150 GPM At 200' Head, Single Stage Cast Iron In-Line Circulating Pump	9,196.34	648.08
			For Mechanical Seal, Add	580.15	
			For Cast Steel Case, Add	1,305.34	
23 21 23 13-0007	EA		30 HP, 200 GPM At 300' Head, Single Stage Cast Iron In-Line Circulating Pump	13,631.60	713.31
			For Mechanical Seal, Add	919.42	
			For Cast Steel Case, Add	2,068.69	
23 21 23 13-0008	EA		40 HP, 250 GPM At 300' Head, Single Stage Cast Iron In-Line Circulating Pump	16,042.50	890.85
			For Mechanical Seal, Add	1,069.51	
			For Cast Steel Case, Add	2,406.40	
23 21 23 13-0009	EA		50 HP, 300 GPM At 300' Head, Single Stage Cast Iron In-Line Circulating Pump	22,216.78	1,018.11
			For Mechanical Seal, Add	1,532.90	
			For Cast Steel Case, Add	3,449.02	
23 21 23 13-0010	EA		75 HP, 400 GPM At 400' Head, Single Stage Cast Iron In-Line Circulating Pump	28,154.38	1,066.91
			For Mechanical Seal, Add	1,996.28	
			For Cast Steel Case, Add	4,491.64	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 21 23 13-0011	EA		100 HP, 600 GPM At 400' Head, Single Stage Cast Iron In-Line Circulating Pump	30,835.92	1,371.45
			<i>For Mechanical Seal, Add</i>	2,137.64	
			<i>For Cast Steel Case, Add</i>	4,809.70	

23 21 23 13-0012 Cast Iron, Single Stage, Vertical In-Line, Close Coupled, Pump (23 21 23 13)

Note: For general service, 125 LB flanged, 1,800 RPM TEFC motor.

23 21 23 13-0013	EA		1/2 HP, 1-1/2" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	2,185.48	178.07
23 21 23 13-0014	EA		3/4 HP, 2" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	3,860.19	203.52
23 21 23 13-0015	EA		1 HP, 3" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	4,195.59	227.90
23 21 23 13-0016	EA		1-1/2 HP, 3" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	4,412.37	247.79
23 21 23 13-0017	EA		2 HP, 4" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	5,767.08	271.32
23 21 23 13-0018	EA		3 HP, 5" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	5,931.46	299.87
23 21 23 13-0019	EA		5 HP, 6" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	6,781.59	356.12
23 21 23 13-0020	EA		7-1/2 HP, 6" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	7,893.10	438.37
23 21 23 13-0021	EA		10 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	10,151.32	474.83
23 21 23 13-0022	EA		15 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	11,859.83	502.74
23 21 23 13-0023	EA		20 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	15,229.46	534.19
23 21 23 13-0024	EA		25 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	16,069.02	552.05
23 21 23 13-0025	EA		30 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	16,908.56	569.80
23 21 23 13-0026	EA		40 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	20,070.29	610.55
23 21 23 13-0027	EA		50 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	21,664.93	687.82
23 21 23 13-0028	EA		60 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	23,945.41	993.46
23 21 23 13-0029	EA		75 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	28,291.24	1,986.93
23 21 23 13-0030	EA		100 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	32,524.12	2,384.32

23 21 23 16 Base-Mounted, Centrifugal Hydronic Pumps (23 21 23)

See CSI section 26 29 23 00-0000 for variable frequency motor controllers.

23 21 23 16-0001 Single Stage, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump (23 21 23 16)

Note: 1800 RPM, welded steel baseplate, internally flushed mechanical seal, bronze wear ring, galvanized drip pan, and 3 phase 230/460V premium efficiency motor. Bell & Gossett 1510 Series.

23 21 23 16-0002	EA		5 HP, 50 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 1-1/4 BC, BF, 184T)	7,250.48	339.01
23 21 23 16-0003	EA		7.5 HP, 100 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 1-1/2 BC, BF, 213T)	8,148.13	339.44
23 21 23 16-0004	EA		10 HP, 225 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 2 E, BF, 215T)	10,757.74	445.96
23 21 23 16-0005	EA		15 HP, 250 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 2 E, BF, 254T)	11,750.74	548.62
23 21 23 16-0006	EA		15 HP, 300 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 3 G, BF, 254T)	13,194.37	548.62
23 21 23 16-0007	EA		20 HP, 350 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 3 E, BF, 256T)	12,796.21	594.61
23 21 23 16-0008	EA		20 HP, 500 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 4 E, BF, 256T)	13,616.98	594.61
23 21 23 16-0009	EA		25 HP, 600 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 4 E, BF, 284T)	14,881.89	623.49
23 21 23 16-0010	EA		30 HP, 750 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 5 E, BF, 286T)	16,517.68	792.46
23 21 23 16-0011	EA		40 HP, 1,050 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 5 E, BF, 324T)	17,447.36	890.85
23 21 23 16-0012	EA		60 HP, 1,500 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 6 E, BF, 364T)	26,154.64	2,088.74
23 21 23 16-0013	EA		75 HP, 2,000 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 8 G, BF, 365T)	38,261.16	2,506.04
23 21 23 16-0014	EA		100 HP, 3,000 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 8 G, BF, 404TS)	43,201.15	3,132.55

23 21 23 16-0015 Single Stage, Vertical Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump (23 21 23 16)

Note: 125 LB flanged, 1750 RPM drip-proof motor, common base plate 100' head. Standard seal and motor. For general service.

23 21 23 16-0016	EA		1-1/2 HP, 40 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	5,840.96	249.18
			<i>For 300 LB Flanges, Add</i>	1,347.90	
23 21 23 16-0017	EA		2 HP, 50 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	7,419.33	267.36
			<i>For 300 LB Flanges, Add</i>	1,754.57	
23 21 23 16-0018	EA		3 HP, 90 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	9,296.37	285.54
			<i>For 300 LB Flanges, Add</i>	2,205.27	
23 21 23 16-0019	EA		5 HP, 100 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	10,850.61	339.01
			<i>For 300 LB Flanges, Add</i>	2,559.87	
23 21 23 16-0020	EA		7-1/2 HP, 150 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	11,403.72	339.44
			<i>For 300 LB Flanges, Add</i>	2,690.51	
23 21 23 16-0021	EA		10 HP, 200 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	11,935.10	445.96
			<i>For 300 LB Flanges, Add</i>	2,783.26	
23 21 23 16-0022	EA		10 HP, 225 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	12,199.19	445.96
			<i>For 300 LB Flanges, Add</i>	2,849.28	
23 21 23 16-0023	EA		10 HP, 250 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	12,784.16	445.96
			<i>For 300 LB Flanges, Add</i>	2,995.52	
23 21 23 16-0024	EA		15 HP, 300 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	14,847.70	548.62
			<i>For 300 LB Flanges, Add</i>	3,465.13	
23 21 23 16-0025	EA		17-1/2 HP, 350 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	15,080.97	548.20
			<i>For 300 LB Flanges, Add</i>	3,513.50	
23 21 23 16-0026	EA		20 HP, 500 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	15,895.33	594.61
			<i>For 300 LB Flanges, Add</i>	3,706.47	
23 21 23 16-0027	EA		25 HP, 600 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	17,439.96	623.49
			<i>For 300 LB Flanges, Add</i>	4,071.26	
23 21 23 16-0028	EA		30 HP, 750 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	19,293.83	792.46
			<i>For 300 LB Flanges, Add</i>	4,466.98	
23 21 23 16-0029	EA		40 HP, 1,050 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	21,885.39	890.85
			<i>For 300 LB Flanges, Add</i>	5,070.31	
23 21 23 16-0030	EA		60 HP, 1,500 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	34,167.24	2,088.74
			<i>For 300 LB Flanges, Add</i>	7,534.92	
23 21 23 16-0031	EA		75 HP, 2,000 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	40,640.48	2,506.04
			<i>For 300 LB Flanges, Add</i>	8,951.85	
23 21 23 16-0032	EA		100 HP, 3,000 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	49,577.79	3,132.55
			<i>For 300 LB Flanges, Add</i>	10,884.11	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 23 16-0033	Single Stage, Horizontal Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump ^(23 21 23 16)		
	Note: 125 LB flanged, 1750 RPM drip-proof motor, common base plate 100' head. Standard seal and motor. For general service.		
23 21 23 16-0034	EA 1-1/2 HP, 40 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case.....	5,614.13	249.18
	For 300 LB Flanges, Add	1,291.20	
23 21 23 16-0035	EA 2 HP, 50 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case.....	5,766.35	267.36
	For 300 LB Flanges, Add	1,321.26	
23 21 23 16-0036	EA 3 HP, 90 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case.....	5,918.71	285.54
	For 300 LB Flanges, Add	1,351.35	
23 21 23 16-0037	EA 5 HP, 100 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case.....	6,424.20	291.96
	For 300 LB Flanges, Add	1,474.56	
23 21 23 16-0038	EA 7-1/2 HP, 100 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case.....	10,441.62	339.01
	For 300 LB Flanges, Add	2,457.63	
23 21 23 16-0039	EA 10 HP, 250 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case.....	12,641.79	445.96
	For 300 LB Flanges, Add	2,987.06	
23 21 23 16-0040	EA 15 HP, 350 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case.....	14,218.66	481.25
	For 300 LB Flanges, Add	3,354.15	
23 21 23 16-0041	EA 20 HP, 500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case.....	15,058.49	534.72
	For 300 LB Flanges, Add	3,517.83	
23 21 23 16-0042	EA 25 HP, 750 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case.....	16,748.22	533.97
	For 300 LB Flanges, Add	3,946.99	
23 21 23 16-0043	EA 40 HP, 1,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case.....	18,789.03	686.24
	For 300 LB Flanges, Add	4,388.60	
23 21 23 16-0044	EA 50 HP, 1,500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case.....	23,823.20	835.71
	For 300 LB Flanges, Add	5,553.04	
23 21 23 16-0045	EA 75 HP, 2,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case.....	30,402.78	1,043.81
	For 300 LB Flanges, Add	7,097.25	
23 21 23 16-0046	EA 3,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 100 HP.....	38,224.71	1,253.01
	For 300 LB Flanges, Add	8,952.04	
23 21 23 16-0047	EA 150 HP, 3,500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case.....	45,286.61	1,391.75
	For 300 LB Flanges, Add	10,650.39	
23 21 23 16-0048	EA 200 HP, 4,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case.....	52,150.04	1,790.03
	For 300 LB Flanges, Add	12,174.46	
23 21 23 16-0049	Two Stage, Horizontal Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump ^(23 21 23 16)		
	Note: 3500 RPM drip-proof motor, common base plate 500' head. Packed stuffing box and boiler feed water service.		
23 21 23 16-0050	EA 40 HP, 100 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case.....	35,408.25	548.62
	For 300 LB Flanges, Add	8,605.27	
23 21 23 16-0051	EA 50 HP, 200 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case.....	38,224.97	594.61
	For 300 LB Flanges, Add	9,288.88	
23 21 23 16-0052	EA 75 HP, 300 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case.....	51,014.56	794.23
	For 300 LB Flanges, Add	12,389.97	
23 21 23 16-0053	EA 100 HP, 400 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case.....	59,605.26	1,091.34
	For 300 LB Flanges, Add	14,401.27	
23 21 23 16-0054	EA 200 HP, 800 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case.....	82,689.20	1,455.11
	For 300 LB Flanges, Add	20,005.57	
23 21 23 16-0055	Cast Iron Close Coupling Pumps ^(23 21 23 16)		
23 21 23 16-0056	Foot Mounted Cast Iron Close Coupled Pumps ^(23 21 23 16-0055)		
23 21 23 16-0057	EA 3 HP, 90 GPM At 50' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 1-1/2 AC, BF, 182JM).....	6,480.76	320.84
23 21 23 16-0058	EA 3 HP, 150 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 2-1/2 AB, BF, 182JM).....	7,071.19	320.84
23 21 23 16-0059	EA 5 HP, 225 GPM At 50' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 2-1/2 BB, BF, 184JM).....	7,874.05	338.66
23 21 23 16-0060	EA 5 HP, 350 GPM At 25' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 4 AC, BF, 184JM).....	8,396.35	338.66
23 21 23 16-0061	EA 7.5 HP, 350 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 4 AC, BF, 213JM).....	9,669.63	356.12
23 21 23 16-0062	EA 10 HP, 600 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 5 A, BF, 215JM).....	11,456.38	428.69
23 21 23 16-0063	EA 15 HP, 1,000 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 254JP).....	15,060.52	528.11
23 21 23 16-0064	EA 20 HP, 1,350 GPM At 30' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 256JP).....	16,118.69	571.58
23 21 23 16-0065	EA 25 HP, 1,550 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 284JP).....	18,695.42	617.30
23 21 23 16-0066	Pumps, Polypropylene Body, Housing And Impeller, 115/230 Volt ^(23 21 23 16)		
23 21 23 16-0067	EA 1/3 HP, Centrifugal Pump, Polypropylene Body.....	1,616.06	165.70
23 21 23 16-0068	EA 1/2 HP, Centrifugal Pump, Polypropylene Body.....	1,724.36	175.69
23 21 23 16-0069	EA 3/4 HP, Centrifugal Pump, Polypropylene Body.....	2,016.91	187.07
23 21 23 23	Vertical-Turbine Hydronic Pumps ^(23 21 23)		
	See CSI section 26 29 23 00-0000 for variable frequency motor controllers.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 21 23 23-0001 Cast Iron, Bronze Fitted Vertical Turbine Wet Sump Pumps (23 21 23 23)					
Note: For water supply, cooling towers and process liquids. Multi-stage 1750 RPM drip-proof motor. For 1' to 5' sump depth.					
23 21 23 23-0002	EA		2 HP, 50 GPM Cast Iron Turbine Pump, 3" Discharge 100' Head, 10 Stage.....	11,463.29	792.46
			For Each Extra Column Assembly <60", Add	964.59	
			For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	411.00	
			For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	296.37	
23 21 23 23-0003	EA		3 HP, 100 GPM Cast Iron Turbine Pump, 4" Discharge 100' Head, 7 Stage.....	13,202.46	890.85
			For Each Extra Column Assembly <60", Add	1,104.11	
			For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	480.18	
			For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	348.16	
23 21 23 23-0004	EA		15 HP, 250 GPM Cast Iron Turbine Pump, 6" Discharge 150' Head, 5 Stage.....	15,847.97	835.71
			For Each Extra Column Assembly <60", Add	1,327.77	
			For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	573.98	
			For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	415.51	
23 21 23 23-0005	EA		25 HP, 500 GPM Cast Iron Turbine Pump, 6" Discharge 150' Head, 3 Stage.....	18,675.42	964.37
			For Each Extra Column Assembly <60", Add	1,556.00	
			For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	685.05	
			For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	498.30	
23 21 23 23-0006	EA		50 HP, 1,000 GPM Cast Iron Turbine Pump, 8" Discharge 150' Head, 2 Stage.....	22,990.19	1,043.81
			For Each Extra Column Assembly <60", Add	1,906.34	
			For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	852.48	
			For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	622.58	
23 21 23 23-0007	EA		100 HP, 2,000 GPM Cast Iron Turbine Pump, 10" Discharge 150' Head, 3 Stage.....	30,220.49	1,253.01
			For Each Extra Column Assembly <60", Add	2,498.19	
			For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	1,128.27	
			For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	826.06	
23 21 23 23-0008	EA		150 HP, 3,000 GPM Cast Iron Turbine Pump, 10" Discharge 150' Head, 2 Stage.....	36,177.26	1,566.27
			For Each Extra Column Assembly <60", Add	2,994.87	
			For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	1,346.40	
			For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	984.63	
23 21 23 23-0009	EA		200 HP, 4,000 GPM Cast Iron Turbine Pump, 12" Discharge 150' Head, 2 Stage.....	57,871.06	1,790.03
			For Each Extra Column Assembly <60", Add	4,744.76	
			For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	2,199.77	
			For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	1,621.06	
23 21 23 23-0010	EA		250 HP, 6,000 GPM Cast Iron Turbine Pump, 14" Discharge 150' Head, 2 Stage.....	75,857.88	2,088.74
			For Each Extra Column Assembly <60", Add	6,202.88	
			For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	2,900.06	
			For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	2,141.48	
23 21 23 23-0011	EA		300 HP, 10,000 GPM Cast Iron Turbine Pump, 18" Discharge 100' Head, 2 Stage.....	106,155.56	2,506.04
			For Each Extra Column Assembly <60", Add	8,653.55	
			For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	4,085.12	
			For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	3,023.56	

23 21 29 Automatic Condensate Pump Units (23 21)

23 21 29 00-0001 Automatic Shallow Pan Condensate Pump (23 21 29)					
23 21 29 00-0002	EA		1/150 HP, 205 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 1-ABS).....	204.43	34.75
23 21 29 00-0003	EA		1/40 HP, 300 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 2-ABS).....	221.30	34.75
23 21 29 00-0004	EA		1/12 HP, 310 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 3-ABS).....	343.04	40.10

23 21 29 00-0005 Automatic Condensate Pump With Tank (23 21 29)

23 21 29 00-0006	EA		1/20 HP Automatic Condensate Pump With Tank (Hartell KT-15-1UL).....	113.22	26.74
23 21 29 00-0007	EA		1/30 HP Automatic Condensate Pump With Tank (Little Giant VCMX-20).....	120.42	26.74
23 21 29 00-0008	EA		1/50 HP, 200 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-14ULS).....	198.90	34.75
23 21 29 00-0009	EA		1/18 HP, 270 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-24ULS).....	215.12	40.10
23 21 29 00-0010	EA		1/5 HP, 450 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-45ULS).....	393.00	45.45

23 22 Steam and Condensate Piping and Pumps (23 20)

23 22 16 Steam and Condensate Heating Piping Specialties (23 22)

23 22 16 00-0001 Steam Temperature Regulator, Iron Body (23 22 16)					
23 22 16 00-0002 Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body (23 22 16 00-0001)					
Note: Up to 150 PSI.					
23 22 16 00-0003	EA		1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,346.46	16.71
23 22 16 00-0004	EA		3/4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,416.62	22.51
23 22 16 00-0005	EA		1" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,880.03	27.74
23 22 16 00-0006	EA		1-1/4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	2,075.81	35.05
23 22 16 00-0007	EA		1-1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	2,129.88	40.27
23 22 16 00-0008	EA		2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	2,516.85	43.82
23 22 16 00-0009	EA		2-1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,203.39	80.28
23 22 16 00-0010	EA		3" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	2,947.92	87.54
23 22 16 00-0011	EA		4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	4,369.69	204.90
23 22 16 00-0012	EA		6" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	7,203.18	240.50

23 22 16 00-0013 Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body (23 22 16 00-0001)

23 22 16 00-0014	EA		1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,996.29	16.71
23 22 16 00-0015	EA		3/4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	2,067.45	22.51

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 22 Steam and Condensate Piping and Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 22 16 00-0016	EA	1" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	2,159.50	27.74
23 22 16 00-0017	EA	1-1/4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	2,584.98	35.05
23 22 16 00-0018	EA	1-1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	2,769.23	40.27
23 22 16 00-0019	EA	2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,144.68	43.82
23 22 16 00-0020	EA	2-1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	4,818.98	80.28
23 22 16 00-0021	EA	3" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	4,058.93	87.54
23 22 16 00-0022	EA	4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	5,672.14	204.90
23 22 16 00-0023	EA	6" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	9,103.58	240.50

23 22 16 00-0024 Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body (23 22 16 00-0001)

23 22 16 00-0025	EA	1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	2,720.83	16.71
23 22 16 00-0026	EA	3/4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	2,760.37	22.51
23 22 16 00-0027	EA	1" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,020.89	27.74
23 22 16 00-0028	EA	1-1/4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,289.42	35.05
23 22 16 00-0029	EA	1-1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,408.58	40.27
23 22 16 00-0030	EA	2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,845.31	43.82
23 22 16 00-0031	EA	2-1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	7,116.02	80.28
23 22 16 00-0032	EA	3" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	5,723.98	87.54
23 22 16 00-0033	EA	4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	7,302.41	204.90
23 22 16 00-0034	EA	6" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	10,211.68	240.50

23 22 16 00-0035 Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body (23 22 16 00-0001)

23 22 16 00-0036	EA	1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,486.52	16.71
23 22 16 00-0037	EA	3/4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,522.24	22.51
23 22 16 00-0038	EA	1" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,824.85	27.74
23 22 16 00-0039	EA	1-1/4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,986.16	35.05
23 22 16 00-0040	EA	1-1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	4,139.79	40.27
23 22 16 00-0041	EA	2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	4,507.62	43.82
23 22 16 00-0042	EA	2-1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	7,498.86	80.28
23 22 16 00-0043	EA	3" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	6,014.07	87.54
23 22 16 00-0044	EA	4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	7,592.49	204.90
23 22 16 00-0045	EA	6" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	10,501.76	240.50

23 22 16 00-0046 High Temperature Safety Relief Valve (23 22 16)
 Note: Used in steam or water boiler, heating systems and unfired pressure vessel applications.

23 22 16 00-0047 Cast Iron Body Safety Valve, Steam Or Water (23 22 16 00-0046)

Note: Variable set points to 500 psig pressure, 400 Degree F temperature range.

23 22 16 00-0048 Threaded (23 22 16 00-0047)

23 22 16 00-0049	EA	3/4" x 1" Threaded Cast Iron Body Safety Relief Valve, Steam or Water.....	500.94	17.41
23 22 16 00-0050	EA	1" x 1-1/4" Threaded Cast Iron Body Safety Relief Valve, Steam or Water.....	524.23	20.60
23 22 16 00-0051	EA	1-1/4" x 1-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water.....	578.23	26.12
23 22 16 00-0052	EA	1-1/2" x 2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water.....	713.24	29.02
23 22 16 00-0053	EA	2" x 2-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water.....	913.15	35.69
23 22 16 00-0054	EA	2-1/2" x 2-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water.....	1,417.08	40.63
23 22 16 00-0055	EA	3" x 3" Threaded Cast Iron Body Safety Relief Valve, Steam or Water.....	1,535.65	46.72

23 22 16 00-0056 Flanged (23 22 16 00-0047)

23 22 16 00-0057	EA	1-1/2" x 2-1/2" Flanged Cast Iron Body Safety Relief Valve, Steam or Water.....	3,529.52	121.87
23 22 16 00-0058	EA	2" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water.....	4,108.67	183.20
23 22 16 00-0059	EA	2-1/2" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water.....	4,539.64	168.70
23 22 16 00-0060	EA	2-1/2" x 4" Flanged Cast Iron Body Safety Relief Valve, Steam or Water.....	5,513.43	243.66
23 22 16 00-0061	EA	3" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water.....	5,885.33	181.71
23 22 16 00-0062	EA	3" x 4" Flanged Cast Iron Body Safety Relief Valve, Steam or Water.....	6,914.45	243.66
23 22 16 00-0063	EA	4" x 6" Flanged Cast Iron Body Safety Relief Valve, Steam or Water.....	11,571.86	345.77
23 22 16 00-0064	EA	6" x 8" Flanged Cast Iron Body Safety Relief Valve, Steam or Water.....	23,021.05	386.17

23 22 16 00-0065 Bronze Body Safety Valve, Threaded, Steam (23 22 16 00-0046)

Note: Variable set points to 250 psig pressure, 400 Degree F temperature range. Valve also can be set for Air or Gas with variable set points to 300 psig pressure.

23 22 16 00-0066	EA	3/4" x 3/4" Threaded Bronze Body Safety Relief Valve, Steam.....	545.19	15.96
23 22 16 00-0067	EA	3/4" x 1" Threaded Bronze Body Safety Relief Valve, Steam.....	558.41	17.41
23 22 16 00-0068	EA	1" x 1" Threaded Bronze Body Safety Relief Valve, Steam.....	653.65	19.15
23 22 16 00-0069	EA	1" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Steam.....	721.85	20.60
23 22 16 00-0070	EA	1-1/4" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Steam.....	835.22	23.22
23 22 16 00-0071	EA	1-1/4" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Steam.....	839.25	26.12
23 22 16 00-0072	EA	1-1/2" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Steam.....	944.06	27.57
23 22 16 00-0073	EA	1-1/2" x 2" Threaded Bronze Body Safety Relief Valve, Steam.....	1,028.87	29.02
23 22 16 00-0074	EA	2" x 2" Threaded Bronze Body Safety Relief Valve, Steam.....	1,429.06	32.50
23 22 16 00-0075	EA	2" x 2-1/2" Threaded Bronze Body Safety Relief Valve, Steam.....	1,561.78	35.69
23 22 16 00-0076	EA	2-1/2" x 2-1/2" Threaded Bronze Body Safety Relief Valve, Steam.....	1,863.64	40.63

23 22 16 00-0077 Bronze Body Safety Valve, Threaded, Water (23 22 16 00-0046)

Note: Variable set points to 160 psig pressure, 250 Degree F temperature range.

23 22 16 00-0078	EA	3/4" x 3/4" Threaded Bronze Body Safety Relief Valve, Water.....	255.95	15.96
23 22 16 00-0079	EA	3/4" x 1" Threaded Bronze Body Safety Relief Valve, Water.....	291.74	17.41

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0080	EA		1" x 1" Threaded Bronze Body Safety Relief Valve, Water.....	404.50	19.15
23 22 16 00-0081	EA		1" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Water.....	445.42	20.60
23 22 16 00-0082	EA		1-1/4" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Water.....	644.80	23.22
23 22 16 00-0083	EA		1-1/2" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Water.....	870.13	27.57
23 22 16 00-0084	EA		2" x 2" Threaded Bronze Body Safety Relief Valve, Water.....	1,269.82	32.50
23 22 16 00-0085			Steam Traps (23 22 16)		
23 22 16 00-0086			Inverted Bucket Steam Traps (23 22 16 00-0085)		
23 22 16 00-0087	EA		1/2" 250 PSI Inverted Bucket Cast Iron Steam Trap.....	325.92	34.83
			<i>For Work In Restricted Working Space, Add</i>	20.90	
23 22 16 00-0088	EA		3/4" 250 PSI Inverted Bucket Cast Iron Steam Trap.....	328.82	36.28
			<i>For Work In Restricted Working Space, Add</i>	21.77	
23 22 16 00-0089	EA		1" 250 PSI Inverted Bucket Cast Iron Steam Trap.....	489.91	38.67
			<i>For Work In Restricted Working Space, Add</i>	23.22	
23 22 16 00-0090	EA		1-1/4" 250 PSI Inverted Bucket Cast Iron Steam Trap.....	793.05	52.77
			<i>For Work In Restricted Working Space, Add</i>	31.67	
23 22 16 00-0091	EA		1-1/2" 250 PSI Inverted Bucket Cast Iron Steam Trap.....	1,181.52	65.03
			<i>For Work In Restricted Working Space, Add</i>	38.70	
23 22 16 00-0092	EA		2" 250 PSI Inverted Bucket Cast Iron Steam Trap.....	1,506.81	96.77
			<i>For Work In Restricted Working Space, Add</i>	58.06	
23 22 16 00-0093			Float And Thermostatic Steam Traps (23 22 16 00-0085)		
23 22 16 00-0094	EA		3/4" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	344.54	36.28
			<i>For Work In Restricted Working Space, Add</i>	21.77	
23 22 16 00-0095	EA		1" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	454.48	38.70
			<i>For Work In Restricted Working Space, Add</i>	23.22	
23 22 16 00-0096	EA		1-1/4" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	561.80	52.78
			<i>For Work In Restricted Working Space, Add</i>	31.67	
23 22 16 00-0097	EA		1-1/2" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	760.26	64.51
			<i>For Work In Restricted Working Space, Add</i>	38.71	
23 22 16 00-0098	EA		2" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	1,391.42	96.73
			<i>For Work In Restricted Working Space, Add</i>	58.06	
23 22 16 00-0099	EA		3/4" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	439.23	36.28
			<i>For Work In Restricted Working Space, Add</i>	21.77	
23 22 16 00-0100	EA		1" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	477.40	38.67
			<i>For Work In Restricted Working Space, Add</i>	23.22	
23 22 16 00-0101	EA		1-1/4" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	624.29	52.77
			<i>For Work In Restricted Working Space, Add</i>	31.67	
23 22 16 00-0102	EA		1-1/2" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	897.75	64.45
			<i>For Work In Restricted Working Space, Add</i>	38.71	
23 22 16 00-0103	EA		2" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	1,531.01	96.76
			<i>For Work In Restricted Working Space, Add</i>	58.06	
23 22 16 00-0104	EA		3/4" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	570.48	36.28
			<i>For Work In Restricted Working Space, Add</i>	21.77	
23 22 16 00-0105	EA		1" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	635.73	38.70
			<i>For Work In Restricted Working Space, Add</i>	23.22	
23 22 16 00-0106	EA		1-1/4" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	968.05	52.77
			<i>For Work In Restricted Working Space, Add</i>	31.67	
23 22 16 00-0107	EA		1-1/2" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	991.51	64.45
			<i>For Work In Restricted Working Space, Add</i>	38.71	
23 22 16 00-0108	EA		2" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	1,924.74	96.77
			<i>For Work In Restricted Working Space, Add</i>	58.06	
23 22 16 00-0109	EA		3/4" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	578.81	36.28
			<i>For Work In Restricted Working Space, Add</i>	21.77	
23 22 16 00-0110	EA		1" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	635.73	38.70
			<i>For Work In Restricted Working Space, Add</i>	23.22	
23 22 16 00-0111	EA		1-1/4" 150 PSI Max Pressure Float And Thermostatic Steam Trap.....	968.05	52.77
			<i>For Work In Restricted Working Space, Add</i>	31.67	
23 22 16 00-0112	EA		1-1/2" 150 PSI Max Pressure Float And Thermostatic Steam Trap.....	991.51	64.45
			<i>For Work In Restricted Working Space, Add</i>	38.71	
23 22 16 00-0113	EA		2" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	1,924.74	96.76
			<i>For Work In Restricted Working Space, Add</i>	58.06	
23 22 16 00-0114			Thermostatic Steam Traps (23 22 16 00-0085)		
23 22 16 00-0115	EA		1/2" 25 PSI Maximum Pressure Thermostatic Steam Trap.....	166.32	34.83
			<i>For Work In Restricted Working Space, Add</i>	20.90	
23 22 16 00-0116	EA		3/4" 25 PSI Maximum Pressure Thermostatic Steam Trap.....	278.80	36.28
			<i>For Work In Restricted Working Space, Add</i>	21.77	
23 22 16 00-0117	EA		1" 25 PSI Maximum Pressure Thermostatic Steam Trap.....	344.55	38.67
			<i>For Work In Restricted Working Space, Add</i>	23.23	
23 22 16 00-0118			Thermodynamic Steam Traps (23 22 16 00-0085)		
23 22 16 00-0119	EA		3/8" 600 PSI Maximum Pressure Thermodynamic Steam Trap.....	368.84	31.36
23 22 16 00-0120	EA		1/2" 600 PSI Maximum Pressure Thermodynamic Steam Trap.....	523.84	34.83
23 22 16 00-0121	EA		3/4" 600 PSI Maximum Pressure Thermodynamic Steam Trap.....	649.63	36.28
23 22 16 00-0122	EA		1" 600 PSI Maximum Pressure Thermodynamic Steam Trap.....	871.14	38.67
23 22 16 00-0123			Steam Moisture Separator (23 22 16 00-0085)		
23 22 16 00-0124	EA		1/2" Steam Moisture Separator, Threaded (Spirax Sarco S1).....	734.58	58.06
23 22 16 00-0125	EA		3/4" Steam Moisture Separator, Threaded (Spirax Sarco S1).....	779.75	78.38
23 22 16 00-0126	EA		1" Steam Moisture Separator, Threaded (Spirax Sarco S1).....	938.56	88.25

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 22 Steam and Condensate Piping and Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 22 16 00-0127	EA	1-1/2" Steam Moisture Separator, Threaded (Spirax Sarco S2).....	1,482.28	101.02
23 22 16 00-0128	EA	2" Steam Moisture Separator, Flanged (Spirax Sarco S3).....	1,817.31	154.79
23 22 16 00-0129	EA	2-1/2" Steam Moisture Separator, Flanged (Spirax Sarco S3).....	2,733.97	168.38
23 22 16 00-0130	EA	3" Steam Moisture Separator, Flanged (Spirax Sarco S3).....	3,127.40	197.41
23 22 16 00-0131	EA	4" Steam Moisture Separator, Flanged (Spirax Sarco S3).....	4,316.15	330.94
23 22 16 00-0132	EA	6" Steam Moisture Separator, Flanged (Spirax Sarco S3).....	8,420.53	418.03

23 22 16 00-0133 Steam/Condensate Meter (23 22 16)

Note: Meter shall be of the rotary volumetric type and sized on the maximum estimated steam demand.

23 22 16 00-0134	EA	1" Steam/Condensate Meter.....	6,752.98	96.20
		<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
		<i>For Contactor Used For Dial Counter, Add</i>	567.00	
		<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
		<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
		<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0135	EA	2" Steam/Condensate Meter.....	7,618.14	113.04
		<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
		<i>For Contactor Used For Dial Counter, Add</i>	567.00	
		<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
		<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
		<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0136	EA	2-1/2" Steam/Condensate Meter.....	8,075.85	140.28
		<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
		<i>For Contactor Used For Dial Counter, Add</i>	567.00	
		<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
		<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
		<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0137	EA	3" Steam/Condensate Meter.....	8,556.01	184.38
		<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
		<i>For Contactor Used For Dial Counter, Add</i>	567.00	
		<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
		<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
		<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0138	EA	4" Steam/Condensate Meter.....	9,628.10	286.45
		<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
		<i>For Contactor Used For Dial Counter, Add</i>	567.00	
		<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
		<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
		<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0139	EA	6" Steam/Condensate Meter.....	16,518.21	362.35
		<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
		<i>For Contactor Used For Dial Counter, Add</i>	567.00	
		<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
		<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
		<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0140	EA	8" Steam/Condensate Meter.....	17,090.17	457.47
		<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
		<i>For Contactor Used For Dial Counter, Add</i>	567.00	
		<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
		<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
		<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0141	EA	10" Steam/Condensate Meter.....	17,860.09	561.15
		<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
		<i>For Contactor Used For Dial Counter, Add</i>	567.00	
		<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
		<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
		<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0142	EA	12" Steam/Condensate Meter.....	18,699.28	681.40
		<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
		<i>For Contactor Used For Dial Counter, Add</i>	567.00	
		<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
		<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
		<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0143	EA	14" Steam/Condensate Meter.....	19,889.60	801.64
		<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
		<i>For Contactor Used For Dial Counter, Add</i>	567.00	
		<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
		<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
		<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0144	EA	16" Steam/Condensate Meter.....	20,581.71	881.81
		<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
		<i>For Contactor Used For Dial Counter, Add</i>	567.00	
		<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
		<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
		<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	

23 22 23 Steam Condensate Pumps (23 22)**23 22 23 13 Electric-Driven Steam Condensate Pumps** (23 22 23)**23 22 23 13-0001 Simplex Condensate Pumps And Motors** (23 22 23 13)

Note: Cast iron receiver, float switch.

23 22 23 13-0002 20 PSI Discharge Pressure (23 22 23 13-0001)

23 22 23 13-0003	EA	3 To 6 GPM Simplex Condensate Pump And 1/3 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	1,834.37	544.35
23 22 23 13-0004	EA	9 To 12 GPM Simplex Condensate Pump And 1/3 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,310.14	559.32

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 23 13-0005	EA		15 GPM Simplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	2,419.91	596.75
23 22 23 13-0006	EA		22.5 GPM Simplex Condensate Pump And 1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	2,647.01	603.17
23 22 23 13-0007	EA		30 GPM Simplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	2,951.84	656.64
23 22 23 13-0008	EA		37.5 GPM Simplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	4,237.28	656.64
23 22 23 13-0009	EA		45 GPM Simplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	4,319.05	701.55
23 22 23 13-0010	EA		60 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	5,227.87	733.63
23 22 23 13-0011	EA		75 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	5,289.26	765.73
23 22 23 13-0012			30 PSI Discharge Pressure (23 22 23 13-0001)		
23 22 23 13-0013	EA		3 To 6 GPM Simplex Condensate Pump And 1/2 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure.....	2,091.15	581.77
23 22 23 13-0014	EA		9 To 12 GPM Simplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure.....	2,671.08	596.75
23 22 23 13-0015	EA		15 GPM Simplex Condensate Pump And 3/4 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure.....	2,778.91	636.32
23 22 23 13-0016	EA		22.5 GPM Simplex Condensate Pump And 1 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure.....	3,198.04	687.65
23 22 23 13-0017	EA		30 To 37.5 GPM Simplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure.....	4,319.05	702.62
23 22 23 13-0018	EA		45 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure.....	4,440.20	727.22
23 22 23 13-0019	EA		60 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure.....	4,580.69	765.73
23 22 23 13-0020	EA		75 GPM Simplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure.....	5,289.60	814.91
23 22 23 13-0021			40 PSI Discharge Pressure (23 22 23 13-0001)		
23 22 23 13-0022	EA		3 To 6 GPM Simplex Condensate Pump And 1 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure.....	2,336.91	667.33
23 22 23 13-0023	EA		9 To 15 GPM Simplex Condensate Pump And 1 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure.....	2,901.51	720.80
23 22 23 13-0024	EA		22.5 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure.....	3,370.24	712.25
23 22 23 13-0025	EA		30 To 37.5 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure.....	4,419.78	727.22
23 22 23 13-0026	EA		45 GPM Simplex Condensate Pump And 2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure.....	4,518.96	758.24
23 22 23 13-0027	EA		60 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure.....	5,289.26	765.73
23 22 23 13-0028	EA		75 GPM Simplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure.....	5,376.39	814.91
23 22 23 13-0029			50 PSI Discharge Pressure (23 22 23 13-0001)		
23 22 23 13-0030	EA		3 To 6 GPM Simplex Condensate Pump And 2 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure.....	4,225.54	722.94
23 22 23 13-0031	EA		9 To 15 GPM Simplex Condensate Pump And 2 HP Motor With 13.6 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure.....	3,132.04	737.92
23 22 23 13-0032	EA		22.5 GPM Simplex Condensate Pump And 2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure.....	3,564.37	743.26
23 22 23 13-0033	EA		30 To 45 GPM Simplex Condensate Pump And 3 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure.....	4,605.04	808.50
23 22 23 13-0034	EA		60 To 75 GPM Simplex Condensate Pump And 5 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure.....	7,130.26	871.60
23 22 23 13-0035			Duplex Condensate Pumps And Motors (23 22 23 13)		
			Note: Cast iron receiver, float switch, alternator assembly.		
23 22 23 13-0036			20 PSI Discharge Pressure (23 22 23 13-0035)		
23 22 23 13-0037	EA		9 To 12 GPM Duplex Condensate Pump And 1/3 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	2,970.19	730.43
23 22 23 13-0038	EA		15 GPM Duplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	3,156.83	802.08
23 22 23 13-0039	EA		22.5 GPM Duplex Condensate Pump And 1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	3,426.81	808.50
23 22 23 13-0040	EA		30 GPM Duplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	3,821.82	881.22
23 22 23 13-0041	EA		37.5 GPM Duplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	5,209.36	881.22
23 22 23 13-0042	EA		45 GPM Duplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	5,326.37	949.67
23 22 23 13-0043	EA		60 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	6,264.50	991.38
23 22 23 13-0044	EA		75 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	6,428.19	1,040.57
23 22 23 13-0045			30 PSI Discharge Pressure (23 22 23 13-0035)		

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 22 Steam and Condensate Piping and Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 22 23 13-0046	EA	9 To 12 GPM Duplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	3,794.96	787.11
23 22 23 13-0047	EA	15 GPM Duplex Condensate Pump And 3/4 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	3,985.82	859.83
23 22 23 13-0048	EA	22.5 GPM Duplex Condensate Pump And 1 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,405.48	838.45
23 22 23 13-0049	EA	30 To 37.5 GPM Duplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	5,326.37	949.67
23 22 23 13-0050	EA	45 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	5,480.93	984.95
23 22 23 13-0051	EA	60 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	6,223.99	1,040.57
23 22 23 13-0052	EA	75 GPM Duplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	6,540.49	1,115.43
23 22 23 13-0053		40 PSI Discharge Pressure <small>(23 22 23 13-0035)</small>		
23 22 23 13-0054	EA	9 To 15 GPM Duplex Condensate Pump And 1 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	4,143.67	928.28
23 22 23 13-0055	EA	22.5 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	4,557.98	969.99
23 22 23 13-0056	EA	30 To 37.5 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	5,493.18	984.95
23 22 23 13-0057	EA	45 GPM Duplex Condensate Pump And 2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	5,657.89	1,034.15
23 22 23 13-0058	EA	60 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	6,429.21	1,040.57
23 22 23 13-0059	EA	75 GPM Duplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	6,565.00	1,115.43
23 22 23 13-0060		50 PSI Discharge Pressure <small>(23 22 23 13-0035)</small>		
23 22 23 13-0061	EA	9 To 15 GPM Duplex Condensate Pump And 2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	4,313.16	928.28
23 22 23 13-0062	EA	22.5 GPM Duplex Condensate Pump And 2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	4,661.44	1,020.25
23 22 23 13-0063	EA	30 To 45 GPM Duplex Condensate Pump And 3 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	5,794.67	1,107.94
23 22 23 13-0064	EA	60 To 75 GPM Duplex Condensate Pump And 5 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	9,828.82	1,199.91
23 22 23 13-0065		Steam Condensate Pumps And Motors; ITT Bell & Gossett Series WC <small>(23 22 23 13)</small>		
		Note: Cast iron receiver, float switch		
23 22 23 13-0066	EA	9 GPM Steam Condensate Pump With 6 Gallon Cast Iron Receiver, Float Switch, 22 PSI Discharge Pressure; ITT WC6-20B	1,821.10	544.35
23 22 23 13-0067	EA	12 GPM Steam Condensate Pump With 9 Gallon Cast Iron Receiver, Float Switch, 21 PSI Discharge Pressure; ITT WC8-20B	1,888.47	559.32
23 22 23 13-0068	EA	18 GPM Steam Condensate Pump With 14 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure; ITT WC12-20B	2,237.15	596.75
23 22 23 33		Steam Positive Displacement Pump <small>(23 22 23)</small>		
		Note: Float operated		
23 22 23 33-0001	EA	Steam Positive Displacement Pump Receiver, Float Operated, Kadant LMHT-500	2,878.44	544.35
23 22 23 33-0002	EA	Steam Positive Displacement Pump Receiver, Float Operated, Kadant LMHT-1600	5,130.14	559.32
23 23		Refrigerant Piping <small>(23 20)</small>		
23 23 13		Refrigerant Piping Valves <small>(23 23)</small>		
23 23 13 00-0001		Ball Valves <small>(23 23 13)</small>		
23 23 13 00-0002		Refrigeration Ball Valves, Sweat, 1400 Series <small>(23 23 13 00-0001)</small>		
23 23 13 00-0003	EA	3/8" Refrigeration Ball Valve, Sweated	46.47	11.61
23 23 13 00-0004	EA	1/2" Refrigeration Ball Valve, Sweated	48.35	11.61
23 23 13 00-0005	EA	5/8" Refrigeration Ball Valve, Sweated	64.27	11.61
23 23 13 00-0006	EA	7/8" Refrigeration Ball Valve, Sweated	86.07	12.77
23 23 13 00-0007	EA	1-1/8" Refrigeration Ball Valve, Sweated	120.12	14.51
23 23 13 00-0008	EA	1-5/8" Refrigeration Ball Valve, Sweated	195.20	17.87
23 23 13 00-0009		Shut-Off Valves <small>(23 23 13)</small>		
23 23 13 00-0010		Packless <small>(23 23 13 00-0009)</small>		
23 23 13 00-0011	EA	1/2" Refrigeration Valve, Packless	60.89	12.08
23 23 13 00-0012	EA	5/8" Refrigeration Valve, Packless	75.95	13.24
23 23 13 00-0013	EA	7/8" Refrigeration Valve, Packless	154.89	18.11
23 23 13 00-0014		Packed <small>(23 23 13 00-0009)</small>		
23 23 13 00-0015	EA	1-1/8" Refrigeration Valve, Packed	274.66	26.36
23 23 13 00-0016	EA	1 3/8" Refrigeration Valve, Packed	366.92	32.28
23 23 13 00-0017	EA	1-5/8" Refrigeration Valve, Packed	446.70	36.34
23 23 13 00-0018	EA	2-1/8" Refrigeration Valve, Packed	637.31	41.46

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 13 00-0019	EA		2-5/8" Refrigeration Valve, Packed.....	1,061.76	116.12
23 23 13 00-0020	EA		3-1/8" Refrigeration Valve, Packed.....	1,392.61	145.15
23 23 13 00-0021	EA		4-1/8" Refrigeration Valve, Packed.....	1,979.14	193.57
23 23 13 00-0022			Check Valves (23 23 13)		
23 23 13 00-0023	EA		5/8" Check Valve, Refrigeration.....	77.27	11.61
23 23 13 00-0024	EA		7/8" Check Valve, Refrigeration.....	240.83	12.77
23 23 13 00-0025	EA		1-1/8" Check Valve, Refrigeration.....	279.43	14.51
23 23 13 00-0026	EA		1 3/8" Check Valve, Refrigeration.....	376.09	15.44
23 23 13 00-0027	EA		1-5/8" Check Valve, Refrigeration.....	494.57	17.88
23 23 13 00-0028	EA		2-1/8" Check Valve, Refrigeration.....	732.09	21.13
23 23 13 00-0029	EA		2-5/8" Check Valve, Refrigeration.....	1,024.83	31.00
23 23 13 00-0030	EA		3-1/8" Check Valve, Refrigeration.....	1,354.61	40.64
23 23 13 00-0031			Solenoid Valves (23 23 13)		
23 23 13 00-0032			Solenoid Valve, 24 Volt Coil (23 23 13 00-0031)		
23 23 13 00-0033	EA		1/2" Solenoid Valve, Refrigeration.....	219.37	11.61
23 23 13 00-0034	EA		5/8" Solenoid Valve, Refrigeration.....	224.66	11.61
23 23 13 00-0035	EA		3/4" Solenoid Valve, Refrigeration.....	277.69	12.77
23 23 13 00-0036	EA		7/8" Solenoid Valve, Refrigeration.....	277.69	12.77
23 23 13 00-0037	EA		1-1/8" Solenoid Valve, Refrigeration.....	388.93	14.51
23 23 13 00-0038	EA		1 3/8" Solenoid Valve, Refrigeration.....	624.65	15.44
23 23 13 00-0039	EA		1-5/8" Solenoid Valve, Refrigeration.....	1,150.75	17.88
23 23 13 00-0040	EA		2-1/8" Solenoid Valve, Refrigeration.....	1,166.98	21.13
23 23 16			Refrigerant Piping Specialties (23 23)		
23 23 16 00-0001			Soft Refrigeration Copper Tubing (23 23 16)		
			Note: Based on outside diameter. Nitrogenized. Lengths up to 100' See CSI section 22 07 19 00-0368 for flexible elastomeric insulation (insulation on suction line only).		
23 23 16 00-0002	LF		1/8" Outside Diameter Soft Refrigeration Copper Tubing.....	4.93	2.76
23 23 16 00-0003	LF		3/16" Outside Diameter Soft Refrigeration Copper Tubing.....	5.17	2.83
23 23 16 00-0004	LF		1/4" Outside Diameter Soft Refrigeration Copper Tubing.....	5.41	2.91
23 23 16 00-0005	LF		5/16" Outside Diameter Soft Refrigeration Copper Tubing.....	5.83	2.96
23 23 16 00-0006	LF		3/8" Outside Diameter Soft Refrigeration Copper Tubing.....	6.01	3.01
23 23 16 00-0007	LF		1/2" Outside Diameter Soft Refrigeration Copper Tubing.....	6.80	3.16
23 23 16 00-0008	LF		5/8" Outside Diameter Soft Refrigeration Copper Tubing.....	7.53	3.19
23 23 16 00-0009	LF		3/4" Outside Diameter Soft Refrigeration Copper Tubing.....	8.27	3.31
23 23 16 00-0010	LF		7/8" Outside Diameter Soft Refrigeration Copper Tubing.....	10.73	3.88
23 23 16 00-0011	LF		1-1/8" Outside Diameter Soft Refrigeration Copper Tubing.....	13.74	4.45
23 23 16 00-0012	LF		1-3/8" Outside Diameter Soft Refrigeration Copper Tubing.....	20.06	5.26
23 23 16 00-0013	LF		1-5/8" Outside Diameter Soft Refrigeration Copper Tubing.....	24.26	5.88
23 23 16 00-0014			Type L Drawn, ACR Copper Tubing (23 23 16)		
			Note: Nitrogenized. Lengths up to 20'. See CSI section 22 07 19 00-0368 for flexible elastomeric insulation (insulation on suction line only).		
23 23 16 00-0015	LF		3/8" Outside Diameter Type L Drawn, ACR Copper Tubing.....	6.66	3.25
			For Medical Applications "Oxygen Clean", Add.....	0.58	
23 23 16 00-0016	LF		1/2" Outside Diameter Type L Drawn, ACR Copper Tubing.....	7.56	3.25
			For Medical Applications "Oxygen Clean", Add.....	0.63	
23 23 16 00-0017	LF		5/8" Outside Diameter Type L Drawn, ACR Copper Tubing.....	8.12	3.25
			For Medical Applications "Oxygen Clean", Add.....	0.65	
23 23 16 00-0018	LF		3/4" Outside Diameter Type L Drawn, ACR Copper Tubing.....	11.72	4.88
			For Medical Applications "Oxygen Clean", Add.....	0.95	
23 23 16 00-0019	LF		7/8" Outside Diameter Type L Drawn, ACR Copper Tubing.....	12.82	5.23
			For Medical Applications "Oxygen Clean", Add.....	1.03	
23 23 16 00-0020	LF		1-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing.....	15.06	5.23
			For Medical Applications "Oxygen Clean", Add.....	1.15	
23 23 16 00-0021	LF		1-3/8" Outside Diameter Type L Drawn, ACR Copper Tubing.....	18.81	6.03
			For Medical Applications "Oxygen Clean", Add.....	1.40	
23 23 16 00-0022	LF		1-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing.....	22.85	6.97
			For Medical Applications "Oxygen Clean", Add.....	1.67	
23 23 16 00-0023	LF		2-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing.....	32.51	8.71
			For Medical Applications "Oxygen Clean", Add.....	2.28	
23 23 16 00-0024	LF		2-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing.....	48.77	13.12
			For Medical Applications "Oxygen Clean", Add.....	3.43	
23 23 16 00-0025	LF		3-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing.....	63.21	16.26
			For Medical Applications "Oxygen Clean", Add.....	4.38	
23 23 16 00-0026	LF		3-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing.....	79.72	19.27
			For Medical Applications "Oxygen Clean", Add.....	5.43	
23 23 16 00-0027	LF		4-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing.....	98.67	23.23
			For Medical Applications "Oxygen Clean", Add.....	6.68	
23 23 16 00-0028			Refrigeration Fittings (23 23 16)		
23 23 16 00-0029			Brass Flare Fittings (23 23 16 00-0028)		
23 23 16 00-0030			Brass Flare Unions (23 23 16 00-0029)		
23 23 16 00-0031	EA		3/8" Brass Flare Union.....	27.21	12.54
23 23 16 00-0032	EA		1/2" Brass Flare Union.....	27.21	12.54
23 23 16 00-0033	EA		5/8" Brass Flare Union.....	29.39	12.54

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 23 Refrigerant Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 23 16 00-0034		90 Degree Elbow Brass Flare Unions (23 23 16 00-0029)		
23 23 16 00-0035	EA	3/8" 90 Degree Brass Flare Elbow Union	28.53	12.54
23 23 16 00-0036	EA	1/2" 90 Degree Brass Flare Elbow Union	28.53	12.54
23 23 16 00-0037	EA	5/8" 90 Degree Brass Flare Elbow Union	35.85	12.54
23 23 16 00-0038		Brass Flare Tees (23 23 16 00-0029)		
23 23 16 00-0039	EA	3/8" Brass Flare Tee	43.83	20.89
23 23 16 00-0040	EA	1/2" Brass Flare Tee	47.09	20.89
23 23 16 00-0041	EA	5/8" Brass Flare Tee	64.84	20.89
23 23 16 00-0042		Male Connector, Half Brass Flare Unions (23 23 16 00-0029)		
23 23 16 00-0043	EA	3/8" Brass Flare Male Connector, Half Union	21.21	12.54
23 23 16 00-0044	EA	1/2" Brass Flare Male Connector, Half Union	23.39	12.54
23 23 16 00-0045	EA	5/8" Brass Flare Male Connector, Half Union	26.50	12.54
23 23 16 00-0046		Female Connector, Half Brass Flare Unions (23 23 16 00-0029)		
23 23 16 00-0047	EA	3/8" Brass Flare Female Connector, Half Union	24.02	12.54
23 23 16 00-0048	EA	1/2" Brass Flare Female Connector, Half Union	26.98	12.54
23 23 16 00-0049	EA	5/8" Brass Flare Female Connector, Half Union	26.98	12.54
23 23 16 00-0050		Long Forged Nuts (23 23 16 00-0029)		
23 23 16 00-0051	EA	3/8" Brass Long Forged Nut	22.54	12.54
23 23 16 00-0052	EA	1/2" Brass Long Forged Nut	23.39	12.54
23 23 16 00-0053	EA	5/8" Brass Long Forged Nut	32.88	12.54
23 23 16 00-0054		Short Forged Nuts (23 23 16 00-0029)		
23 23 16 00-0055	EA	3/8" Brass Short Forged Nut	21.30	12.54
23 23 16 00-0056	EA	1/2" Brass Short Forged Nut	23.27	12.54
23 23 16 00-0057	EA	5/8" Brass Short Forged Nut	23.68	12.54
23 23 16 00-0058		ACR Wrought Copper Fittings (23 23 16 00-0028)		
		Note: Soldered.		
23 23 16 00-0059		ACR Wrought Copper Coupling (23 23 16 00-0058)		
		Note: C x C		
23 23 16 00-0060	EA	1/4" ACR Wrought Copper Coupling	20.70	12.54
23 23 16 00-0061	EA	3/8" ACR Wrought Copper Coupling	20.35	12.54
23 23 16 00-0062	EA	1/2" ACR Wrought Copper Coupling	20.87	12.54
23 23 16 00-0063	EA	5/8" ACR Wrought Copper Coupling	21.48	13.12
23 23 16 00-0064	EA	3/4" ACR Wrought Copper Coupling	30.70	17.30
23 23 16 00-0065	EA	7/8" ACR Wrought Copper Coupling	30.17	17.77
23 23 16 00-0066	EA	1-1/8" ACR Wrought Copper Coupling	40.16	22.06
23 23 16 00-0067	EA	1-3/8" ACR Wrought Copper Coupling	57.79	30.19
23 23 16 00-0068	EA	1-5/8" ACR Wrought Copper Coupling	69.69	35.42
23 23 16 00-0069	EA	2-1/8" ACR Wrought Copper Coupling	91.97	42.96
23 23 16 00-0070	EA	2-5/8" ACR Wrought Copper Coupling	159.99	65.26
23 23 16 00-0071	EA	3-1/8" ACR Wrought Copper Coupling	213.42	85.81
23 23 16 00-0072	EA	4-1/8" ACR Wrought Copper Coupling	345.49	101.96
23 23 16 00-0073		ACR Wrought Copper Short Radius 90 Degree Elbows (23 23 16 00-0058)		
		Note: C x C		
23 23 16 00-0074	EA	1/4" ACR Wrought Copper Short Radius 90 Degree Elbow	25.39	12.54
23 23 16 00-0075	EA	3/8" ACR Wrought Copper Short Radius 90 Degree Elbow	25.74	12.54
23 23 16 00-0076	EA	1/2" ACR Wrought Copper Short Radius 90 Degree Elbow	25.39	12.54
23 23 16 00-0077	EA	5/8" ACR Wrought Copper Short Radius 90 Degree Elbow	27.57	13.12
23 23 16 00-0078	EA	3/4" ACR Wrought Copper Short Radius 90 Degree Elbow	40.27	17.30
23 23 16 00-0079	EA	7/8" ACR Wrought Copper Short Radius 90 Degree Elbow	40.78	17.77
23 23 16 00-0080	EA	1-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow	52.00	22.06
23 23 16 00-0081	EA	1 3/8" ACR Wrought Copper Short Radius 90 Degree Elbow	64.62	30.19
23 23 16 00-0082	EA	1-5/8" ACR Wrought Copper Short Radius 90 Degree Elbow	83.30	35.42
23 23 16 00-0083	EA	2-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow	119.30	42.96
23 23 16 00-0084	EA	2-5/8" ACR Wrought Copper Short Radius 90 Degree Elbow	207.77	65.26
23 23 16 00-0085	EA	3-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow	266.86	85.81
23 23 16 00-0086	EA	4-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow	506.49	101.96
23 23 16 00-0087		ACR Wrought Copper Long Radius 90 Degree Elbows (23 23 16 00-0058)		
		Note: C x C		
23 23 16 00-0088	EA	1/4" ACR Wrought Copper Long Radius 90 Degree Elbow	31.25	12.54
23 23 16 00-0089	EA	3/8" ACR Wrought Copper Long Radius 90 Degree Elbow	28.15	12.54
23 23 16 00-0090	EA	1/2" ACR Wrought Copper Long Radius 90 Degree Elbow	30.61	12.54
23 23 16 00-0091	EA	5/8" ACR Wrought Copper Long Radius 90 Degree Elbow	30.39	13.12
23 23 16 00-0092	EA	3/4" ACR Wrought Copper Long Radius 90 Degree Elbow	36.82	17.30
23 23 16 00-0093	EA	7/8" ACR Wrought Copper Long Radius 90 Degree Elbow	40.41	17.77
23 23 16 00-0094	EA	1-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	55.25	22.06
23 23 16 00-0095	EA	1-3/8" ACR Wrought Copper Long Radius 90 Degree Elbow	81.33	30.19

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0096	EA		1-5/8" ACR Wrought Copper Long Radius 90 Degree Elbow	101.54	35.42
23 23 16 00-0097	EA		2-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	191.68	42.96
23 23 16 00-0098	EA		2-5/8" ACR Wrought Copper Long Radius 90 Degree Elbow	299.39	65.26
23 23 16 00-0099	EA		3-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	395.60	85.81
23 23 16 00-0100	EA		4-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	867.84	101.96
23 23 16 00-0101			ACR Wrought Copper 45 Degree Elbow (23 23 16 00-0058)		
			Note: C x C		
23 23 16 00-0102	EA		1/4" ACR Wrought Copper 45 Degree Elbow	35.51	12.54
23 23 16 00-0103	EA		3/8" ACR Wrought Copper 45 Degree Elbow	31.25	12.54
23 23 16 00-0104	EA		1/2" ACR Wrought Copper 45 Degree Elbow	29.44	12.54
23 23 16 00-0105	EA		5/8" ACR Wrought Copper 45 Degree Elbow	24.03	13.12
23 23 16 00-0106	EA		3/4" ACR Wrought Copper 45 Degree Elbow	44.80	17.30
23 23 16 00-0107	EA		7/8" ACR Wrought Copper 45 Degree Elbow	34.14	17.77
23 23 16 00-0108	EA		1-1/8" ACR Wrought Copper 45 Degree Elbow	51.96	22.06
23 23 16 00-0109	EA		1-3/8" ACR Wrought Copper 45 Degree Elbow	70.63	30.19
23 23 16 00-0110	EA		1-5/8" ACR Wrought Copper 45 Degree Elbow	83.68	35.42
23 23 16 00-0111	EA		2-1/8" ACR Wrought Copper 45 Degree Elbow	115.33	42.96
23 23 16 00-0112	EA		2-5/8" ACR Wrought Copper 45 Degree Elbow	206.44	65.26
23 23 16 00-0113	EA		3-1/8" ACR Wrought Copper 45 Degree Elbow	280.28	85.81
23 23 16 00-0114	EA		4-1/8" ACR Wrought Copper 45 Degree Elbow	475.81	101.96
23 23 16 00-0115			ACR Wrought Copper Tee (23 23 16 00-0058)		
			Note: C x C x C		
23 23 16 00-0116	EA		1/4" ACR Wrought Copper Tee	44.66	20.89
23 23 16 00-0117	EA		3/8" ACR Wrought Copper Tee	45.41	20.89
23 23 16 00-0118	EA		1/2" ACR Wrought Copper Tee	42.63	20.89
23 23 16 00-0119	EA		5/8" ACR Wrought Copper Tee	43.43	26.36
23 23 16 00-0120	EA		3/4" ACR Wrought Copper Tee	65.22	26.36
23 23 16 00-0121	EA		7/8" ACR Wrought Copper Tee	49.70	26.70
23 23 16 00-0122	EA		1-1/8" ACR Wrought Copper Tee	83.01	35.42
23 23 16 00-0123	EA		1-3/8" ACR Wrought Copper Tee	104.75	42.96
23 23 16 00-0124	EA		1-5/8" ACR Wrought Copper Tee	138.70	50.98
23 23 16 00-0125	EA		2-1/8" ACR Wrought Copper Tee	199.02	67.93
23 23 16 00-0126	EA		2-5/8" ACR Wrought Copper Tee	418.29	148.28
23 23 16 00-0127	EA		3-1/8" ACR Wrought Copper Tee	525.71	163.03
23 23 16 00-0128	EA		4-1/8" ACR Wrought Copper Tee	952.31	181.15
23 23 16 00-0129			ACR Wrought Copper Male Adapter (23 23 16 00-0058)		
			Note: C x M		
23 23 16 00-0130	EA		1/4" ACR Wrought Copper Male Adapter	39.74	12.54
23 23 16 00-0131	EA		3/8" ACR Wrought Copper Male Adapter	46.55	12.54
23 23 16 00-0132	EA		1/2" ACR Wrought Copper Male Adapter	35.24	12.54
23 23 16 00-0133			ACR Wrought Copper Female Adapter (23 23 16 00-0058)		
			Note: C x F		
23 23 16 00-0134	EA		1/4" ACR Wrought Copper Female Adapter	37.07	12.54
23 23 16 00-0135	EA		3/8" ACR Wrought Copper Female Adapter	33.16	12.54
23 23 16 00-0136	EA		1/2" ACR Wrought Copper Female Adapter	34.64	12.54
23 23 16 00-0137			ACR Wrought Copper Cap (23 23 16 00-0058)		
			Note: C		
23 23 16 00-0138	EA		1/4" ACR Wrought Copper Cap	15.77	8.36
23 23 16 00-0139	EA		3/8" ACR Wrought Copper Cap	14.54	8.36
23 23 16 00-0140	EA		1/2" ACR Wrought Copper Cap	15.74	8.36
23 23 16 00-0141			ACR Wrought Copper P-Trap (23 23 16 00-0058)		
23 23 16 00-0142	EA		5/8" ACR Wrought Copper P-Trap	110.36	10.69
23 23 16 00-0143	EA		3/4" ACR Wrought Copper P-Trap	151.95	11.76
23 23 16 00-0144	EA		7/8" ACR Wrought Copper P-Trap	129.65	11.76
23 23 16 00-0145	EA		1-1/8" ACR Wrought Copper P-Trap	179.04	12.83
23 23 16 00-0146	EA		1-3/8" ACR Wrought Copper P-Trap	312.52	12.83
23 23 16 00-0147	EA		1-5/8" ACR Wrought Copper P-Trap	445.71	13.90
23 23 16 00-0148	EA		2-1/8" ACR Wrought Copper P-Trap	821.95	14.97
23 23 16 00-0149			Sight Glass With Moisture And Liquid Indicator, Solder Connection (23 23 16)		
23 23 16 00-0150	EA		1/4" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	58.84	16.05
23 23 16 00-0151	EA		3/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	71.40	19.25
23 23 16 00-0152	EA		1/2" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	86.26	23.52
23 23 16 00-0153	EA		5/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	94.83	26.74
23 23 16 00-0154	EA		7/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	127.94	34.22
23 23 16 00-0155	EA		1-1/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	147.95	41.71
23 23 16 00-0156	EA		1-3/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	228.49	49.20
23 23 16 00-0157	EA		1-5/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	281.69	67.38
23 23 16 00-0158	EA		2-1/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	345.81	83.41
23 23 16 00-0159			Filter Driers, Solder Connections (23 23 16)		

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 23 Refrigerant Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

				TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST
23 23 16 00-0160		Replaceable Core Type Filter Driers, Solder Connections <small>(23 23 16 00-0159)</small>			
23 23 16 00-0161	EA	5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	527.60		9.63
23 23 16 00-0162	EA	7/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	530.96		11.76
23 23 16 00-0163	EA	1-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	678.38		11.76
23 23 16 00-0164	EA	1-3/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	676.16		12.83
23 23 16 00-0165	EA	1-5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	753.55		13.90
23 23 16 00-0166	EA	2-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	848.66		14.97
23 23 16 00-0167	EA	2-5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	991.71		16.05
23 23 16 00-0168	EA	3-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	1,238.09		16.05
23 23 16 00-0169		Sealed In-Line Filter Driers, Solder Connections <small>(23 23 16 00-0159)</small>			
23 23 16 00-0170	EA	1/4" Outside Diameter, 1/4 To 1 Ton, Sealed In-Line Filter Drier, Solder Connections	86.08		9.63
23 23 16 00-0171	EA	3/8" Outside Diameter, 1/2 To 2 Ton, Sealed In-Line Filter Drier, Solder Connections	109.97		9.63
23 23 16 00-0172	EA	1/2" Outside Diameter, 1 To 7 Ton, Sealed In-Line Filter Drier, Solder Connections	140.34		10.69
23 23 16 00-0173	EA	1/2" Outside Diameter, 2 To 7-1/2 Ton, Sealed In-Line Filter Drier, Solder Connections	162.39		10.69
23 23 16 00-0174	EA	5/8" Outside Diameter, 2 To 10 Ton, Sealed In-Line Filter Drier, Solder Connections	178.63		10.69
23 23 16 00-0175	EA	5/8" Outside Diameter, 4 To 8 Ton, Sealed In-Line Filter Drier, Solder Connections	205.94		10.69
23 23 16 00-0176	EA	7/8" Outside Diameter, 5 To 20 Ton, Sealed In-Line Filter Drier, Solder Connections	231.82		11.76
23 23 16 00-0177	EA	7/8" Outside Diameter, 7-1/2 To 20 Ton, Sealed In-Line Filter Drier, Solder Connections	340.06		11.76
23 23 16 00-0178	EA	1-1/8" Outside Diameter, 15 To 25 Ton, Sealed In-Line Filter Drier, Solder Connections	370.30		11.76
23 23 16 00-0179		Bi-Flow Filter Driers, Solder Connections <small>(23 23 16 00-0159)</small>			
23 23 16 00-0180	EA	1/4" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections	119.96		9.63
23 23 16 00-0181	EA	3/8" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections	134.09		9.63
23 23 16 00-0182	EA	1/2" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections	160.07		10.69
23 23 16 00-0183	EA	3/8" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections	143.66		9.63
23 23 16 00-0184	EA	1/2" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections	179.81		10.69
23 23 16 00-0185	EA	5/8" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections	209.33		10.69
23 23 16 00-0186		Refrigerant Compressor Discharge Mufflers <small>(23 23 16)</small>			
23 23 16 00-0187	EA	3/8" Outside Diameter, 2 Ton, Refrigerant Compressor Discharge Muffler	108.59		9.63
23 23 16 00-0188	EA	1/2" Outside Diameter, 3 Ton, Refrigerant Compressor Discharge Muffler	119.91		9.63
23 23 16 00-0189	EA	5/8" Outside Diameter, 5 Ton, Refrigerant Compressor Discharge Muffler	144.49		9.63
23 23 16 00-0190	EA	7/8" Outside Diameter, 7-1/2 To 10 Ton, Refrigerant Compressor Discharge Muffler	193.76		11.76
23 23 16 00-0191	EA	1-1/8" Outside Diameter, 10 To 15 Ton, Refrigerant Compressor Discharge Muffler	252.91		11.76
23 23 16 00-0192	EA	1-3/8" Outside Diameter, 15 To 25 Ton, Refrigerant Compressor Discharge Muffler	300.54		12.83
23 23 16 00-0193	EA	1-5/8" Outside Diameter, 25 To 50 Ton, Refrigerant Compressor Discharge Muffler	380.78		13.90
23 23 16 00-0194	EA	2-1/8" Outside Diameter, 50 To 75 Ton, Refrigerant Compressor Discharge Muffler	698.92		14.97
23 23 16 00-0195	EA	2-5/8" Outside Diameter, 75 To 100 Ton, Refrigerant Compressor Discharge Muffler	781.75		16.05
23 23 16 00-0196	EA	3-1/8" Outside Diameter, 100 To 125 Ton, Refrigerant Compressor Discharge Muffler	967.59		16.05
23 23 16 00-0197		Expansion Valves And Vibration Absorbers <small>(23 23 16)</small>			
23 23 16 00-0198		Thermostatic Expansion Valves <small>(23 23 16 00-0197)</small>			
Note: Outside diameter pipe sizes. Sporlan TP-S.					
23 23 16 00-0199	EA	3/8" In x 5/8" Out, 1/2 To 3 Ton, Thermostatic Expansion Valve	231.08		9.63
23 23 16 00-0200	EA	1/2" In x 7/8" Out, 4 To 5 Ton, Thermostatic Expansion Valve	321.76		10.69
23 23 16 00-0201	EA	5/8" In x 7/8" Out, 6 To 8 Ton, Thermostatic Expansion Valve	546.92		10.69
23 23 16 00-0202	EA	7/8" In x 1-1/8" Out, 7 To 12 Ton, Thermostatic Expansion Valve	648.35		11.76
23 23 16 00-0203	EA	7/8" In x 1-3/8" Out, 15 To 20 Ton, Thermostatic Expansion Valve	701.82		11.76
23 23 16 00-0204		Electric Expansion Valves <small>(23 23 16 00-0197)</small>			
Note: Sporlan SEI or SEH.					
23 23 16 00-0205	EA	1/2 To 11 Ton Electric Expansion Valve	576.51		13.36
Note: Sporlan SEI.					
23 23 16 00-0206	EA	25 Ton Electric Expansion Valve	667.99		13.90
Note: Sporlan SEI.					
23 23 16 00-0207	EA	50 Ton Electric Expansion Valve	759.98		14.43
Note: Sporlan SEI.					
23 23 16 00-0208	EA	100 Ton Electric Expansion Valve	892.30		14.43
Note: Sporlan SEH.					
23 23 16 00-0209	EA	175 Ton Electric Expansion Valve	1,005.02		14.97
Note: Sporlan SEH.					
23 23 16 00-0210		Braided Stainless Steel Over Copper Vibration Absorber <small>(23 23 16 00-0197)</small>			
23 23 16 00-0211	EA	1/4" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	61.33		13.90
23 23 16 00-0212	EA	3/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	61.83		16.05
23 23 16 00-0213	EA	1/2" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	80.10		20.32
23 23 16 00-0214	EA	5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	86.38		24.59
23 23 16 00-0215	EA	3/4" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	101.78		29.94
23 23 16 00-0216	EA	7/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	117.77		34.22
23 23 16 00-0217	EA	1-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	167.29		12.83
23 23 16 00-0218	EA	1-3/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	235.54		13.90
23 23 16 00-0219	EA	1-5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	294.65		13.90
23 23 16 00-0220	EA	2-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	402.85		14.97
23 23 16 00-0221	EA	2-5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	686.23		16.05
23 23 16 00-0222	EA	3-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	899.17		16.05

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 23 16 00-0223	Accumulator, Refrigerant Suction Line (23 23 16)		
23 23 16 00-0224	EA 3/4" Accumulator, Refrigeration Suction Line	195.41	48.66
23 23 16 00-0225	EA 7/8" Accumulator, Refrigeration Suction Line	264.83	66.84
23 23 16 00-0226	EA 1-1/8" Accumulator, Refrigeration Suction Line	315.51	89.09
23 23 16 00-0227	EA 1 3/8" Accumulator, Refrigeration Suction Line	445.16	106.95
23 23 16 00-0228	EA 1-5/8" Accumulator, Refrigeration Suction Line	613.99	133.68
23 23 16 00-0229	EA 2-1/8" Accumulator, Refrigeration Suction Line	934.54	178.28

23 23 16 00-0230	Special Chemicals/Component (23 23 16)		
23 23 16 00-0231	GAL Special Chemical, Inhibited Propylene Glycol, 100%	39.83	
23 23 16 00-0232	GAL Removal And Storage For Reuse Of Inhibited Propylene Glycol.....	8.29	
23 23 16 00-0233	GAL Special Chemical, Inhibited Ethylene Glycol, 100%.....	27.10	
23 23 16 00-0234	EA Internal Coil/Refrigerant Piping Flush	335.49	
	Note: Up to 10 ton AC system.		

23 23 23 Refrigerants (23 23)

23 23 23 00-0001	Refrigerant (23 23 23)		
23 23 23 00-0002	LB R-113 Refrigerant	29.58	
23 23 23 00-0003	LB R-123 Refrigerant	21.70	
23 23 23 00-0004	LB R-134A Refrigerant	7.73	
23 23 23 00-0005	LB R-404A Refrigerant	13.84	
23 23 23 00-0006	LB R-407C Refrigerant	13.69	
23 23 23 00-0007	LB R-408A Refrigerant	31.20	
23 23 23 00-0008	LB R-410A Refrigerant	13.41	
23 23 23 00-0009	LB R-500 Refrigerant	26.51	
23 23 23 00-0010	LB R-507 Refrigerant	8.53	

23 25 HVAC Water Treatment (23 20)

23 25 13 Water Treatment for Closed-Loop Hydronic Systems (23 25)

23 25 13 00-0001	Polyethylene Chemical Storage Tanks (23 25 13)		
23 25 13 00-0002	EA 15 Gallon Chemical Storage Tank, Polyethylene.....	423.69	89.29
23 25 13 00-0003	Gas Chlorinator (23 25 13)		
23 25 13 00-0004	EA Gas Chlorinator, Wall Or Cylinder Mounted (10 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit.....	1,162.67	406.25
	For Booster Pump, Add	455.23	
23 25 13 00-0005	EA Gas Chlorinator, Wall Or Cylinder Mounted (25 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit.....	1,328.34	464.29
	For Booster Pump, Add	520.36	
23 25 13 00-0006	EA Gas Chlorinator, Wall Or Cylinder Mounted (50 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit.....	1,828.32	351.70
	For Booster Pump, Add	635.84	
23 25 13 00-0007	Bypass Shot Feeders (23 25 13)		
	Note: Includes up to 4 ports (in, out, fill and drain). Excludes valves.		
23 25 13 00-0008	In Line Mount, 125 PSIG (23 25 13 00-0007)		
23 25 13 00-0009	EA 1.7 Gallon Bypass Shot Chemical Feeder In Line Mount, 125 PSIG.....	1,062.86	302.65
23 25 13 00-0010	Floor Mount, 175 PSIG (23 25 13 00-0007)		
23 25 13 00-0011	EA 5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 175 PSIG.....	1,563.94	455.58
23 25 13 00-0012	EA 12 Gallon Bypass Shot Chemical Feeder, Floor Mount, 175 PSIG.....	2,062.24	603.17
23 25 13 00-0013	Floor Mount, 150 LB ASME Code (23 25 13 00-0007)		
23 25 13 00-0014	EA 5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 150 LB ASME Code	1,563.94	455.58
23 25 13 00-0015	EA 10 Gallon Bypass Shot Chemical Feeder, Floor Mount, 150 LB ASME Code	2,062.24	603.17
23 25 13 00-0016	Floor Mount, 300 LB ASME Code (23 25 13 00-0007)		
23 25 13 00-0017	EA 5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 300 LB ASME Code	1,948.65	455.58
23 25 13 00-0018	EA 10 Gallon Bypass Shot Chemical Feeder, Floor Mount, 300 LB ASME Code	2,461.71	603.17

23 30 HVAC Air Distribution (23)

23 31 HVAC Ducts and Casings (23 30)

Note: Excludes angle iron, threaded rod, anchor bolts or other external supporting devices other than normal sheet metal straps. See CSI section 05 12 23 00-0409 for angle iron, 23 05 29 00-0001 for threaded rod.

23 31 13	Metal Ducts (23 31)		
23 31 13 13	Rectangular Metal Ducts (23 31 13)		

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts and Casings



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 31 13 13-0001	Steel Sheet Metal Duct <small>(23 31 13 13)</small>		
	Note: Includes all fittings, transitions, collars, straps, support straps, fabrication, installation and sealing the joints by tape, mastic, or spray on sealer. Duct Sealing: Class-C requires sealing transverse joints; Class-B requires sealing all transverse joint and longitudinal seams; Class-A requires sealing all transverse joints longitudinal seams and duct wall penetrations.		
23 31 13 13-0002	Galvanized Steel Sheet Metal Ductwork And Sealant <small>(23 31 13 13-0001)</small>		
	Note: SMACNA weight for galvanized steel ductwork LB/SF (surface areas) by gauge: 26 gauge - 0.906 LB/SF; 24 gauge - 1.156 LB/SF; 22 gauge - 1.406 LB/SF; 20 gauge - 1.656 LB/SF; 18 gauge - 2.156 LB/SF; 16 gauge - 2.656 LB/SF		
23 31 13 13-0003	LB Seal Class C, Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork	11.51	3.06
	For Polyvinyl Chloride (PVC) Coated, Add	0.42	
	For Up To 200, Add	4.08	
	For >200 To 500, Add	2.59	
	For >500 To 1,000, Add	1.76	
	For >1,000 To 2,000, Add	0.98	
	For >2,000 To 5,000, Add	0.44	
	For Work In Restricted Working Space, Add	2.83	
	For Elevated Installation >10' To 15', Add	0.57	
	For Elevated Installation >15' To 20', Add	1.13	
	For Elevated Installation >20' To 25', Add	1.41	
	For Elevated Installation >25' To 30', Add	1.98	
	For Elevated Installation >30' To 35', Add	2.26	
	For Elevated Installation >35' To 40', Add	2.83	
	For Elevated Installation >40', Add	3.11	
23 31 13 13-0004	LB Seal Class B, Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork.....	13.15	3.06
	For Polyvinyl Chloride (PVC) Coated, Add	0.46	
	For Up To 200, Add	4.64	
	For >200 To 500, Add	2.95	
	For >500 To 1,000, Add	2.00	
	For >1,000 To 2,000, Add	1.12	
	For >2,000 To 5,000, Add	0.50	
	For Work In Restricted Working Space, Add	3.25	
	For Elevated Installation >10' To 15', Add	0.65	
	For Elevated Installation >15' To 20', Add	1.30	
	For Elevated Installation >20' To 25', Add	1.62	
	For Elevated Installation >25' To 30', Add	2.27	
	For Elevated Installation >30' To 35', Add	2.60	
	For Elevated Installation >35' To 40', Add	3.25	
	For Elevated Installation >40', Add	3.57	
23 31 13 13-0005	LB Seal Class A, Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork.....	15.74	3.06
	For Polyvinyl Chloride (PVC) Coated, Add	0.51	
	For Up To 200, Add	5.49	
	For >200 To 500, Add	3.47	
	For >500 To 1,000, Add	2.38	
	For >1,000 To 2,000, Add	1.34	
	For >2,000 To 5,000, Add	0.60	
	For Work In Restricted Working Space, Add	3.96	
	For Elevated Installation >10' To 15', Add	0.79	
	For Elevated Installation >15' To 20', Add	1.58	
	For Elevated Installation >20' To 25', Add	1.98	
	For Elevated Installation >25' To 30', Add	2.77	
	For Elevated Installation >30' To 35', Add	3.17	
	For Elevated Installation >35' To 40', Add	3.96	
	For Elevated Installation >40', Add	4.35	
23 31 13 13-0006	Alloy 3003-H14, Aluminum Sheet Metal Ductwork <small>(23 31 13 13-0001)</small>		
	Note: SMACNA weight for aluminum ductwork LB/SF (surface areas) by gauge: 26 gauge - 0.224 LB/SF; 24 gauge - 0.282 LB/SF; 22 gauge - 0.352 LB/SF; 20 gauge - 0.451 LB/SF; 18 gauge - 0.563 LB/SF; 16 gauge - 0.718 LB/SF; 14 gauge - 0.901 LB/SF; 12 gauge - 0.141 LB/SF		
23 31 13 13-0007	LB Seal Class C, Alloy 3003-H14, Aluminum Sheet Metal Ductwork	22.25	3.06
	For Work In Restricted Working Space, Add	5.59	
	For Up To 200, Add	7.76	
	For >200 To 500, Add	4.91	
	For >500 To 1,000, Add	3.37	
	For >1,000 To 2,000, Add	1.89	
	For >2,000 To 5,000, Add	0.85	
	For Elevated Installation >10' To 15', Add	1.12	
	For Elevated Installation >15' To 20', Add	2.23	
	For Elevated Installation >20' To 25', Add	2.79	
	For Elevated Installation >25' To 30', Add	3.91	
	For Elevated Installation >30' To 35', Add	4.47	
	For Elevated Installation >35' To 40', Add	5.59	
	For Elevated Installation >40', Add	6.14	
23 31 13 13-0008	LB Seal Class B, Alloy 3003-H14, Aluminum Sheet Metal Ductwork	25.27	3.06
	For Work In Restricted Working Space, Add	6.42	
	For Up To 200, Add	8.74	
	For >200 To 500, Add	5.51	
	For >500 To 1,000, Add	3.81	
	For >1,000 To 2,000, Add	2.14	
	For >2,000 To 5,000, Add	0.97	
	For Elevated Installation >10' To 15', Add	1.28	
	For Elevated Installation >15' To 20', Add	2.57	
	For Elevated Installation >20' To 25', Add	3.21	
	For Elevated Installation >25' To 30', Add	4.50	
	For Elevated Installation >30' To 35', Add	5.14	
	For Elevated Installation >35' To 40', Add	6.42	
	For Elevated Installation >40', Add	7.07	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0009	LB	Seal Class A, Alloy 3003-H14, Aluminum Sheet Metal Ductwork.....	30.16	3.06
			For Work In Restricted Working Space, Add	7.82	
			For Up To 200, Add	10.28	
			For >200 To 500, Add	6.45	
			For >500 To 1,000, Add	4.51	
			For >1,000 To 2,000, Add	2.54	
			For >2,000 To 5,000, Add	1.17	
			For Elevated Installation >10' To 15', Add	1.56	
			For Elevated Installation >15' To 20', Add	3.13	
			For Elevated Installation >20' To 25', Add	3.91	
			For Elevated Installation >25' To 30', Add	5.47	
			For Elevated Installation >30' To 35', Add	6.26	
			For Elevated Installation >35' To 40', Add	7.82	
			For Elevated Installation >40', Add	8.60	
23 31 13	13-0010		Type 304, Stainless Steel Sheet Metal Ductwork (23 31 13 13-0001)		
			Note: SMACNA weight for stainless steel ductwork LB/SF (surface areas) by gauge: 26 gauge - 0.748 LB/SF; 24 gauge - 0.987 LB/SF; 22 gauge - 1.231 LB/SF; 20 gauge - 1.491 LB/SF; 18 gauge - 2.016 LB/SF; 16 gauge - 2.499 LB/SF; 14 gauge - 3.154 LB/SF; 12 gauge - 4.427 LB/SF		
23 31 13	13-0011	LB	Seal Class C, Type 304, Stainless Steel Sheet Metal Ductwork.....	16.23	4.07
			For Work In Restricted Working Space, Add	3.44	
			For Welded Seams, Add	5.96	
			For Up To 200, Add	6.30	
			For >200 To 500, Add	4.12	
			For >500 To 1,000, Add	2.61	
			For >1,000 To 2,000, Add	1.44	
			For >2,000 To 5,000, Add	0.60	
			For Elevated Installation >10' To 15', Add	0.69	
			For Elevated Installation >15' To 20', Add	1.37	
			For Elevated Installation >20' To 25', Add	1.72	
			For Elevated Installation >25' To 30', Add	2.40	
			For Elevated Installation >30' To 35', Add	2.75	
			For Elevated Installation >35' To 40', Add	3.44	
			For Elevated Installation >40', Add	3.78	
23 31 13	13-0012	LB	Seal Class B, Type 304, Stainless Steel Sheet Metal Ductwork.....	18.82	4.07
			For Work In Restricted Working Space, Add	4.14	
			For Welded Seams, Add	7.16	
			For Up To 200, Add	7.15	
			For >200 To 500, Add	4.64	
			For >500 To 1,000, Add	2.99	
			For >1,000 To 2,000, Add	1.66	
			For >2,000 To 5,000, Add	0.70	
			For Elevated Installation >10' To 15', Add	0.83	
			For Elevated Installation >15' To 20', Add	1.66	
			For Elevated Installation >20' To 25', Add	2.07	
			For Elevated Installation >25' To 30', Add	2.90	
			For Elevated Installation >30' To 35', Add	3.31	
			For Elevated Installation >35' To 40', Add	4.14	
			For Elevated Installation >40', Add	4.56	
23 31 13	13-0013	LB	Seal Class A, Type 304, Stainless Steel Sheet Metal Ductwork.....	21.25	4.07
			For Work In Restricted Working Space, Add	4.80	
			For Welded Seams, Add	8.27	
			For Up To 200, Add	7.95	
			For >200 To 500, Add	5.14	
			For >500 To 1,000, Add	3.34	
			For >1,000 To 2,000, Add	1.86	
			For >2,000 To 5,000, Add	0.80	
			For Elevated Installation >10' To 15', Add	0.96	
			For Elevated Installation >15' To 20', Add	1.92	
			For Elevated Installation >20' To 25', Add	2.40	
			For Elevated Installation >25' To 30', Add	3.36	
			For Elevated Installation >30' To 35', Add	3.84	
			For Elevated Installation >35' To 40', Add	4.80	
			For Elevated Installation >40', Add	5.28	
23 31 13	13-0014		Galvanized Steel Sheet Metal Ductwork By LF (23 31 13 13-0001)		
			Note: Ductwork includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed. For fittings add the following equivalent lengths: 0.75' for duct end cap; 1.5' for tap-in; 2.5' for 45 degree elbows; 3' for 90 degree elbows, transition, taper, register box; 4' for 45 degree reducing elbow, offset, turning vanes installed in elbows; 5' for 90 degree reducing elbow, 135 degree angle gooseneck, boots; and 6' for transition/reducer.		
23 31 13	13-0015		30 Gauge Galvanized Steel Metal Ductwork (23 31 13 13-0014)		
23 31 13	13-0016	LF	4" x 4", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork.....	12.04	6.29
			For Seal Class B, Add	1.57	
			For Seal Class A, Add	3.36	
			For Work In Restricted Working Space, Add	3.15	
23 31 13	13-0017	LF	4" x 6", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork.....	15.04	7.87
			For Seal Class B, Add	1.97	
			For Seal Class A, Add	4.20	
			For Work In Restricted Working Space, Add	3.93	
23 31 13	13-0018	LF	4" x 8", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork.....	18.06	9.44
			For Seal Class B, Add	2.36	
			For Seal Class A, Add	5.03	
			For Work In Restricted Working Space, Add	4.72	
23 31 13	13-0019	LF	4" x 10", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork.....	21.06	11.01
			For Seal Class B, Add	2.75	
			For Seal Class A, Add	5.87	
			For Work In Restricted Working Space, Add	5.51	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts and Casings



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 13-0020	LF 4" x 12", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	24.09	12.59
	For Seal Class B, Add	3.15	
	For Seal Class A, Add	6.71	
	For Work In Restricted Working Space, Add	6.29	
23 31 13 13-0021	LF 4" x 14", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	27.09	14.16
	For Seal Class B, Add	3.54	
	For Seal Class A, Add	7.55	
	For Work In Restricted Working Space, Add	7.08	
23 31 13 13-0022	LF 4" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	30.09	15.73
	For Seal Class B, Add	3.93	
	For Seal Class A, Add	8.39	
	For Work In Restricted Working Space, Add	7.87	
23 31 13 13-0023	LF 6" x 6", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	18.06	9.44
	For Seal Class B, Add	2.36	
	For Seal Class A, Add	5.03	
	For Work In Restricted Working Space, Add	4.72	
23 31 13 13-0024	LF 6" x 8", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	21.06	11.01
	For Seal Class B, Add	2.75	
	For Seal Class A, Add	5.87	
	For Work In Restricted Working Space, Add	5.51	
23 31 13 13-0025	LF 6" x 10", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	24.09	12.59
	For Seal Class B, Add	3.15	
	For Seal Class A, Add	6.71	
	For Work In Restricted Working Space, Add	6.29	
23 31 13 13-0026	LF 6" x 12", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	27.09	14.16
	For Seal Class B, Add	3.54	
	For Seal Class A, Add	7.55	
	For Work In Restricted Working Space, Add	7.08	
23 31 13 13-0027	LF 6" x 14", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	30.09	15.73
	For Seal Class B, Add	3.93	
	For Seal Class A, Add	8.39	
	For Work In Restricted Working Space, Add	7.87	
23 31 13 13-0028	LF 6" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	33.11	17.31
	For Seal Class B, Add	4.33	
	For Seal Class A, Add	9.23	
	For Work In Restricted Working Space, Add	8.66	
23 31 13 13-0029	LF 8" x 8", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	24.09	12.59
	For Seal Class B, Add	3.15	
	For Seal Class A, Add	6.71	
	For Work In Restricted Working Space, Add	6.29	
23 31 13 13-0030	LF 8" x 10", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	27.09	14.16
	For Seal Class B, Add	3.54	
	For Seal Class A, Add	7.55	
	For Work In Restricted Working Space, Add	7.08	
23 31 13 13-0031	LF 8" x 12", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	30.09	15.73
	For Seal Class B, Add	3.93	
	For Seal Class A, Add	8.39	
	For Work In Restricted Working Space, Add	7.87	
23 31 13 13-0032	LF 8" x 14", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	33.11	17.31
	For Seal Class B, Add	4.33	
	For Seal Class A, Add	9.23	
	For Work In Restricted Working Space, Add	8.66	
23 31 13 13-0033	LF 8" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	36.10	18.88
	For Seal Class B, Add	4.72	
	For Seal Class A, Add	10.07	
	For Work In Restricted Working Space, Add	9.44	
23 31 13 13-0034	LF 8" x 18", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	39.13	20.45
	For Seal Class B, Add	5.11	
	For Seal Class A, Add	10.91	
	For Work In Restricted Working Space, Add	10.23	
23 31 13 13-0035	LF 8" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	42.13	22.03
	For Seal Class B, Add	5.51	
	For Seal Class A, Add	11.75	
	For Work In Restricted Working Space, Add	11.01	
23 31 13 13-0036	LF 8" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	45.14	23.60
	For Seal Class B, Add	5.90	
	For Seal Class A, Add	12.59	
	For Work In Restricted Working Space, Add	11.80	
23 31 13 13-0037	LF 8" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	48.14	25.18
	For Seal Class B, Add	6.29	
	For Seal Class A, Add	13.42	
	For Work In Restricted Working Space, Add	12.59	
23 31 13 13-0038	LF 10" x 10", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	30.09	15.73
	For Seal Class B, Add	3.93	
	For Seal Class A, Add	8.39	
	For Work In Restricted Working Space, Add	7.87	
23 31 13 13-0039	LF 10" x 12", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	33.11	17.31
	For Seal Class B, Add	4.33	
	For Seal Class A, Add	9.23	
	For Work In Restricted Working Space, Add	8.66	
23 31 13 13-0040	LF 10" x 14", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	36.10	18.88
	For Seal Class B, Add	4.72	
	For Seal Class A, Add	10.07	
	For Work In Restricted Working Space, Add	9.44	
23 31 13 13-0041	LF 10" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	39.13	20.45
	For Seal Class B, Add	5.11	
	For Seal Class A, Add	10.91	
	For Work In Restricted Working Space, Add	10.23	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0042	LF		10" x 18", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	42.13	22.03
			For Seal Class B, Add	5.51	
			For Seal Class A, Add	11.75	
			For Work In Restricted Working Space, Add	11.01	
23 31 13 13-0043	LF		10" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	45.14	23.60
			For Seal Class B, Add	5.90	
			For Seal Class A, Add	12.59	
			For Work In Restricted Working Space, Add	11.80	
23 31 13 13-0044	LF		10" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	48.14	25.18
			For Seal Class B, Add	6.29	
			For Seal Class A, Add	13.42	
			For Work In Restricted Working Space, Add	12.59	
23 31 13 13-0045	LF		10" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	51.17	26.74
			For Seal Class B, Add	6.69	
			For Seal Class A, Add	14.27	
			For Work In Restricted Working Space, Add	13.37	
23 31 13 13-0046	LF		12" x 12", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	36.10	18.88
			For Seal Class B, Add	4.72	
			For Seal Class A, Add	10.07	
			For Work In Restricted Working Space, Add	9.44	
23 31 13 13-0047	LF		12" x 14", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	39.13	20.45
			For Seal Class B, Add	5.11	
			For Seal Class A, Add	10.91	
			For Work In Restricted Working Space, Add	10.23	
23 31 13 13-0048	LF		12" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	42.13	22.03
			For Seal Class B, Add	5.51	
			For Seal Class A, Add	11.75	
			For Work In Restricted Working Space, Add	11.01	
23 31 13 13-0049	LF		12" x 18", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	45.14	23.60
			For Seal Class B, Add	5.90	
			For Seal Class A, Add	12.59	
			For Work In Restricted Working Space, Add	11.80	
23 31 13 13-0050	LF		12" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	48.14	25.18
			For Seal Class B, Add	6.29	
			For Seal Class A, Add	13.42	
			For Work In Restricted Working Space, Add	12.59	
23 31 13 13-0051	LF		12" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	51.17	26.74
			For Seal Class B, Add	6.69	
			For Seal Class A, Add	14.27	
			For Work In Restricted Working Space, Add	13.37	
23 31 13 13-0052	LF		12" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	54.18	28.32
			For Seal Class B, Add	7.08	
			For Seal Class A, Add	15.11	
			For Work In Restricted Working Space, Add	14.16	
23 31 13 13-0053	LF		14" x 14", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	42.13	22.03
			For Seal Class B, Add	5.51	
			For Seal Class A, Add	11.75	
			For Work In Restricted Working Space, Add	11.01	
23 31 13 13-0054	LF		14" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	45.14	23.60
			For Seal Class B, Add	5.90	
			For Seal Class A, Add	12.59	
			For Work In Restricted Working Space, Add	11.80	
23 31 13 13-0055	LF		14" x 18", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	48.14	25.18
			For Seal Class B, Add	6.29	
			For Seal Class A, Add	13.42	
			For Work In Restricted Working Space, Add	12.59	
23 31 13 13-0056	LF		14" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	51.17	26.74
			For Seal Class B, Add	6.69	
			For Seal Class A, Add	14.27	
			For Work In Restricted Working Space, Add	13.37	
23 31 13 13-0057	LF		14" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	54.18	28.32
			For Seal Class B, Add	7.08	
			For Seal Class A, Add	15.11	
			For Work In Restricted Working Space, Add	14.16	
23 31 13 13-0058	LF		14" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	57.19	29.90
			For Seal Class B, Add	7.47	
			For Seal Class A, Add	15.94	
			For Work In Restricted Working Space, Add	14.95	
23 31 13 13-0059	LF		16" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	48.14	25.18
			For Seal Class B, Add	6.29	
			For Seal Class A, Add	13.42	
			For Work In Restricted Working Space, Add	12.59	
23 31 13 13-0060	LF		16" x 18", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	51.17	26.74
			For Seal Class B, Add	6.69	
			For Seal Class A, Add	14.27	
			For Work In Restricted Working Space, Add	13.37	
23 31 13 13-0061	LF		16" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	54.18	28.32
			For Seal Class B, Add	7.08	
			For Seal Class A, Add	15.11	
			For Work In Restricted Working Space, Add	14.16	
23 31 13 13-0062	LF		16" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	57.19	29.90
			For Seal Class B, Add	7.47	
			For Seal Class A, Add	15.94	
			For Work In Restricted Working Space, Add	14.95	
23 31 13 13-0063	LF		16" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	60.19	31.46
			For Seal Class B, Add	7.87	
			For Seal Class A, Add	16.78	
			For Work In Restricted Working Space, Add	15.73	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts and Casings



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 13-0064	LF 18" x 18", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	54.18	28.32
	For Seal Class B, Add	7.08	
	For Seal Class A, Add	15.11	
	For Work In Restricted Working Space, Add	14.16	
23 31 13 13-0065	LF 18" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	57.19	29.90
	For Seal Class B, Add	7.47	
	For Seal Class A, Add	15.94	
	For Work In Restricted Working Space, Add	14.95	
23 31 13 13-0066	LF 18" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	60.19	31.46
	For Seal Class B, Add	7.87	
	For Seal Class A, Add	16.78	
	For Work In Restricted Working Space, Add	15.73	
23 31 13 13-0067	LF 18" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	63.19	33.04
	For Seal Class B, Add	8.26	
	For Seal Class A, Add	17.62	
	For Work In Restricted Working Space, Add	16.52	
23 31 13 13-0068	LF 20" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	60.19	31.46
	For Seal Class B, Add	7.87	
	For Seal Class A, Add	16.78	
	For Work In Restricted Working Space, Add	15.73	
23 31 13 13-0069	LF 20" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	63.19	33.04
	For Seal Class B, Add	8.26	
	For Seal Class A, Add	17.62	
	For Work In Restricted Working Space, Add	16.52	
23 31 13 13-0070	LF 20" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	66.20	34.61
	For Seal Class B, Add	8.65	
	For Seal Class A, Add	18.46	
	For Work In Restricted Working Space, Add	17.30	
23 31 13 13-0071	LF 22" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	66.20	34.61
	For Seal Class B, Add	8.65	
	For Seal Class A, Add	18.46	
	For Work In Restricted Working Space, Add	17.30	
23 31 13 13-0072	LF 22" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	69.21	36.19
	For Seal Class B, Add	9.05	
	For Seal Class A, Add	19.30	
	For Work In Restricted Working Space, Add	18.09	
23 31 13 13-0073	LF 24" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	72.24	37.76
	For Seal Class B, Add	9.44	
	For Seal Class A, Add	20.14	
	For Work In Restricted Working Space, Add	18.88	
23 31 13 13-0074	28 Gauge Galvanized Steel Metal Ductwork <small>(23 31 13 13-0014)</small>		
23 31 13 13-0075	LF 4" x 4", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	14.33	7.49
	For Seal Class B, Add	1.87	
	For Seal Class A, Add	4.00	
	For Work In Restricted Working Space, Add	3.75	
23 31 13 13-0076	LF 4" x 6", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	17.92	9.36
	For Seal Class B, Add	2.34	
	For Seal Class A, Add	5.00	
	For Work In Restricted Working Space, Add	4.68	
23 31 13 13-0077	LF 4" x 8", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	21.50	11.23
	For Seal Class B, Add	2.81	
	For Seal Class A, Add	5.99	
	For Work In Restricted Working Space, Add	5.62	
23 31 13 13-0078	LF 4" x 10", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	25.07	13.11
	For Seal Class B, Add	3.28	
	For Seal Class A, Add	6.99	
	For Work In Restricted Working Space, Add	6.56	
23 31 13 13-0079	LF 4" x 12", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	28.66	14.99
	For Seal Class B, Add	3.75	
	For Seal Class A, Add	7.99	
	For Work In Restricted Working Space, Add	7.49	
23 31 13 13-0080	LF 4" x 14", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	32.25	16.85
	For Seal Class B, Add	4.22	
	For Seal Class A, Add	8.99	
	For Work In Restricted Working Space, Add	8.43	
23 31 13 13-0081	LF 4" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	35.82	18.73
	For Seal Class B, Add	4.68	
	For Seal Class A, Add	9.99	
	For Work In Restricted Working Space, Add	9.37	
23 31 13 13-0082	LF 6" x 6", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	21.50	11.23
	For Seal Class B, Add	2.81	
	For Seal Class A, Add	5.99	
	For Work In Restricted Working Space, Add	5.62	
23 31 13 13-0083	LF 6" x 8", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	25.07	13.11
	For Seal Class B, Add	3.28	
	For Seal Class A, Add	6.99	
	For Work In Restricted Working Space, Add	6.56	
23 31 13 13-0084	LF 6" x 10", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	28.66	14.99
	For Seal Class B, Add	3.75	
	For Seal Class A, Add	7.99	
	For Work In Restricted Working Space, Add	7.49	
23 31 13 13-0085	LF 6" x 12", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	32.25	16.85
	For Seal Class B, Add	4.22	
	For Seal Class A, Add	8.99	
	For Work In Restricted Working Space, Add	8.43	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13	13-0086	LF 6" x 14", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	35.82 4.68 9.99 9.37	18.73
23 31 13	13	13-0087	LF 6" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	39.43 5.15 10.99 10.31	20.61
23 31 13	13	13-0088	LF 8" x 8", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	28.66 3.75 7.99 7.49	14.99
23 31 13	13	13-0089	LF 8" x 10", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	32.25 4.22 8.99 8.43	16.85
23 31 13	13	13-0090	LF 8" x 12", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	35.82 4.68 9.99 9.37	18.73
23 31 13	13	13-0091	LF 8" x 14", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	39.43 5.15 10.99 10.31	20.61
23 31 13	13	13-0092	LF 8" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	42.99 5.62 11.99 11.24	22.48
23 31 13	13	13-0093	LF 8" x 18", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	46.57 6.09 12.99 12.17	24.35
23 31 13	13	13-0094	LF 8" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	50.17 6.56 13.99 13.11	26.23
23 31 13	13	13-0095	LF 8" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	53.73 7.02 14.98 14.05	28.10
23 31 13	13	13-0096	LF 8" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	57.34 7.49 15.98 14.99	29.97
23 31 13	13	13-0097	LF 10" x 10", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	35.82 4.68 9.99 9.37	18.73
23 31 13	13	13-0098	LF 10" x 12", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	39.43 5.15 10.99 10.31	20.61
23 31 13	13	13-0099	LF 10" x 14", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	42.99 5.62 11.99 11.24	22.48
23 31 13	13	13-0100	LF 10" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	46.57 6.09 12.99 12.17	24.35
23 31 13	13	13-0101	LF 10" x 18", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	50.17 6.56 13.99 13.11	26.23
23 31 13	13	13-0102	LF 10" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	53.73 7.02 14.98 14.05	28.10
23 31 13	13	13-0103	LF 10" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	57.34 7.49 15.98 14.99	29.97
23 31 13	13	13-0104	LF 10" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	60.92 7.96 16.99 15.92	31.85
23 31 13	13	13-0105	LF 12" x 12", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	42.99 5.62 11.99 11.24	22.48
23 31 13	13	13-0106	LF 12" x 14", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	46.57 6.09 12.99 12.17	24.35
23 31 13	13	13-0107	LF 12" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	50.17 6.56 13.99 13.11	26.23

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts and Casings



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 31 13 13-0108	LF	12" x 18", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	53.73		28.10
		<i>For Seal Class B, Add</i>	7.02		
		<i>For Seal Class A, Add</i>	14.98		
		<i>For Work In Restricted Working Space, Add</i>	14.05		
23 31 13 13-0109	LF	12" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	57.34		29.97
		<i>For Seal Class B, Add</i>	7.49		
		<i>For Seal Class A, Add</i>	15.98		
		<i>For Work In Restricted Working Space, Add</i>	14.99		
23 31 13 13-0110	LF	12" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	60.92		31.85
		<i>For Seal Class B, Add</i>	7.96		
		<i>For Seal Class A, Add</i>	16.99		
		<i>For Work In Restricted Working Space, Add</i>	15.92		
23 31 13 13-0111	LF	12" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	64.49		33.71
		<i>For Seal Class B, Add</i>	8.43		
		<i>For Seal Class A, Add</i>	17.98		
		<i>For Work In Restricted Working Space, Add</i>	16.86		
23 31 13 13-0112	LF	14" x 14", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	50.17		26.23
		<i>For Seal Class B, Add</i>	6.56		
		<i>For Seal Class A, Add</i>	13.99		
		<i>For Work In Restricted Working Space, Add</i>	13.11		
23 31 13 13-0113	LF	14" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	53.73		28.10
		<i>For Seal Class B, Add</i>	7.02		
		<i>For Seal Class A, Add</i>	14.98		
		<i>For Work In Restricted Working Space, Add</i>	14.05		
23 31 13 13-0114	LF	14" x 18", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	57.34		29.97
		<i>For Seal Class B, Add</i>	7.49		
		<i>For Seal Class A, Add</i>	15.98		
		<i>For Work In Restricted Working Space, Add</i>	14.99		
23 31 13 13-0115	LF	14" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	60.92		31.85
		<i>For Seal Class B, Add</i>	7.96		
		<i>For Seal Class A, Add</i>	16.99		
		<i>For Work In Restricted Working Space, Add</i>	15.92		
23 31 13 13-0116	LF	14" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	64.49		33.71
		<i>For Seal Class B, Add</i>	8.43		
		<i>For Seal Class A, Add</i>	17.98		
		<i>For Work In Restricted Working Space, Add</i>	16.86		
23 31 13 13-0117	LF	14" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	68.09		35.59
		<i>For Seal Class B, Add</i>	8.90		
		<i>For Seal Class A, Add</i>	18.98		
		<i>For Work In Restricted Working Space, Add</i>	17.80		
23 31 13 13-0118	LF	16" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	57.34		29.97
		<i>For Seal Class B, Add</i>	7.49		
		<i>For Seal Class A, Add</i>	15.98		
		<i>For Work In Restricted Working Space, Add</i>	14.99		
23 31 13 13-0119	LF	16" x 18", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	60.92		31.85
		<i>For Seal Class B, Add</i>	7.96		
		<i>For Seal Class A, Add</i>	16.99		
		<i>For Work In Restricted Working Space, Add</i>	15.92		
23 31 13 13-0120	LF	16" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	64.49		33.71
		<i>For Seal Class B, Add</i>	8.43		
		<i>For Seal Class A, Add</i>	17.98		
		<i>For Work In Restricted Working Space, Add</i>	16.86		
23 31 13 13-0121	LF	16" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	68.09		35.59
		<i>For Seal Class B, Add</i>	8.90		
		<i>For Seal Class A, Add</i>	18.98		
		<i>For Work In Restricted Working Space, Add</i>	17.80		
23 31 13 13-0122	LF	16" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	71.65		37.46
		<i>For Seal Class B, Add</i>	9.36		
		<i>For Seal Class A, Add</i>	19.98		
		<i>For Work In Restricted Working Space, Add</i>	18.73		
23 31 13 13-0123	LF	18" x 18", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	64.49		33.71
		<i>For Seal Class B, Add</i>	8.43		
		<i>For Seal Class A, Add</i>	17.98		
		<i>For Work In Restricted Working Space, Add</i>	16.86		
23 31 13 13-0124	LF	18" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	68.09		35.59
		<i>For Seal Class B, Add</i>	8.90		
		<i>For Seal Class A, Add</i>	18.98		
		<i>For Work In Restricted Working Space, Add</i>	17.80		
23 31 13 13-0125	LF	18" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	71.65		37.46
		<i>For Seal Class B, Add</i>	9.36		
		<i>For Seal Class A, Add</i>	19.98		
		<i>For Work In Restricted Working Space, Add</i>	18.73		
23 31 13 13-0126	LF	18" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	75.24		39.34
		<i>For Seal Class B, Add</i>	9.83		
		<i>For Seal Class A, Add</i>	20.98		
		<i>For Work In Restricted Working Space, Add</i>	19.67		
23 31 13 13-0127	LF	20" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	71.65		37.46
		<i>For Seal Class B, Add</i>	9.36		
		<i>For Seal Class A, Add</i>	19.98		
		<i>For Work In Restricted Working Space, Add</i>	18.73		
23 31 13 13-0128	LF	20" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	75.24		39.34
		<i>For Seal Class B, Add</i>	9.83		
		<i>For Seal Class A, Add</i>	20.98		
		<i>For Work In Restricted Working Space, Add</i>	19.67		
23 31 13 13-0129	LF	20" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	78.83		41.21
		<i>For Seal Class B, Add</i>	10.30		
		<i>For Seal Class A, Add</i>	21.98		
		<i>For Work In Restricted Working Space, Add</i>	20.60		

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 31 13 13-0130	LF	22" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	78.83	41.21
		For Seal Class B, Add	10.30	
		For Seal Class A, Add	21.98	
		For Work In Restricted Working Space, Add	20.60	
23 31 13 13-0131	LF	22" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	82.41	43.08
		For Seal Class B, Add	10.77	
		For Seal Class A, Add	22.98	
		For Work In Restricted Working Space, Add	21.54	
23 31 13 13-0132	LF	24" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	85.99	44.96
		For Seal Class B, Add	11.24	
		For Seal Class A, Add	23.98	
		For Work In Restricted Working Space, Add	22.48	
23 31 13 13-0133 26 Gauge Galvanized Steel Metal Ductwork (23 31 13 13-0014)				
23 31 13 13-0134	LF	4" x 4", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	16.63	8.69
		For Seal Class B, Add	2.17	
		For Seal Class A, Add	4.64	
		For Work In Restricted Working Space, Add	4.35	
23 31 13 13-0135	LF	4" x 6", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	20.78	10.86
		For Seal Class B, Add	2.72	
		For Seal Class A, Add	5.80	
		For Work In Restricted Working Space, Add	5.43	
23 31 13 13-0136	LF	4" x 8", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	24.94	13.04
		For Seal Class B, Add	3.26	
		For Seal Class A, Add	6.95	
		For Work In Restricted Working Space, Add	6.52	
23 31 13 13-0137	LF	4" x 10", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	29.09	15.22
		For Seal Class B, Add	3.80	
		For Seal Class A, Add	8.11	
		For Work In Restricted Working Space, Add	7.61	
23 31 13 13-0138	LF	4" x 12", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	33.25	17.39
		For Seal Class B, Add	4.35	
		For Seal Class A, Add	9.27	
		For Work In Restricted Working Space, Add	8.69	
23 31 13 13-0139	LF	4" x 14", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	37.40	19.55
		For Seal Class B, Add	4.89	
		For Seal Class A, Add	10.43	
		For Work In Restricted Working Space, Add	9.78	
23 31 13 13-0140	LF	4" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	41.56	21.73
		For Seal Class B, Add	5.43	
		For Seal Class A, Add	11.59	
		For Work In Restricted Working Space, Add	10.87	
23 31 13 13-0141	LF	6" x 6", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	24.94	13.04
		For Seal Class B, Add	3.26	
		For Seal Class A, Add	6.95	
		For Work In Restricted Working Space, Add	6.52	
23 31 13 13-0142	LF	6" x 8", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	29.09	15.22
		For Seal Class B, Add	3.80	
		For Seal Class A, Add	8.11	
		For Work In Restricted Working Space, Add	7.61	
23 31 13 13-0143	LF	6" x 10", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	33.25	17.39
		For Seal Class B, Add	4.35	
		For Seal Class A, Add	9.27	
		For Work In Restricted Working Space, Add	8.69	
23 31 13 13-0144	LF	6" x 12", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	37.40	19.55
		For Seal Class B, Add	4.89	
		For Seal Class A, Add	10.43	
		For Work In Restricted Working Space, Add	9.78	
23 31 13 13-0145	LF	6" x 14", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	41.56	21.73
		For Seal Class B, Add	5.43	
		For Seal Class A, Add	11.59	
		For Work In Restricted Working Space, Add	10.87	
23 31 13 13-0146	LF	6" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	45.73	23.90
		For Seal Class B, Add	5.98	
		For Seal Class A, Add	12.75	
		For Work In Restricted Working Space, Add	11.95	
23 31 13 13-0147	LF	8" x 8", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	33.25	17.39
		For Seal Class B, Add	4.35	
		For Seal Class A, Add	9.27	
		For Work In Restricted Working Space, Add	8.69	
23 31 13 13-0148	LF	8" x 10", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	37.40	19.55
		For Seal Class B, Add	4.89	
		For Seal Class A, Add	10.43	
		For Work In Restricted Working Space, Add	9.78	
23 31 13 13-0149	LF	8" x 12", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	41.57	21.73
		For Seal Class B, Add	5.43	
		For Seal Class A, Add	11.59	
		For Work In Restricted Working Space, Add	10.87	
23 31 13 13-0150	LF	8" x 14", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	45.73	23.90
		For Seal Class B, Add	5.98	
		For Seal Class A, Add	12.75	
		For Work In Restricted Working Space, Add	11.95	
23 31 13 13-0151	LF	8" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	49.89	26.08
		For Seal Class B, Add	6.52	
		For Seal Class A, Add	13.91	
		For Work In Restricted Working Space, Add	13.04	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts and Casings



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31	13	13-0152	LF 8" x 18", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	54.03	28.25
			For Seal Class B, Add	7.06	
			For Seal Class A, Add	15.07	
			For Work In Restricted Working Space, Add	14.12	
23 31	13	13-0153	LF 8" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	58.18	30.42
			For Seal Class B, Add	7.61	
			For Seal Class A, Add	16.22	
			For Work In Restricted Working Space, Add	15.21	
23 31	13	13-0154	LF 8" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	62.35	32.59
			For Seal Class B, Add	8.15	
			For Seal Class A, Add	17.38	
			For Work In Restricted Working Space, Add	16.30	
23 31	13	13-0155	LF 8" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	66.50	34.76
			For Seal Class B, Add	8.69	
			For Seal Class A, Add	18.54	
			For Work In Restricted Working Space, Add	17.38	
23 31	13	13-0156	LF 10" x 10", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	41.57	21.73
			For Seal Class B, Add	5.43	
			For Seal Class A, Add	11.59	
			For Work In Restricted Working Space, Add	10.87	
23 31	13	13-0157	LF 10" x 12", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	45.72	23.90
			For Seal Class B, Add	5.98	
			For Seal Class A, Add	12.75	
			For Work In Restricted Working Space, Add	11.95	
23 31	13	13-0158	LF 10" x 14", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	49.89	26.08
			For Seal Class B, Add	6.52	
			For Seal Class A, Add	13.91	
			For Work In Restricted Working Space, Add	13.04	
23 31	13	13-0159	LF 10" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	54.03	28.25
			For Seal Class B, Add	7.06	
			For Seal Class A, Add	15.07	
			For Work In Restricted Working Space, Add	14.12	
23 31	13	13-0160	LF 10" x 18", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	58.18	30.42
			For Seal Class B, Add	7.61	
			For Seal Class A, Add	16.22	
			For Work In Restricted Working Space, Add	15.21	
23 31	13	13-0161	LF 10" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	62.35	32.59
			For Seal Class B, Add	8.15	
			For Seal Class A, Add	17.38	
			For Work In Restricted Working Space, Add	16.30	
23 31	13	13-0162	LF 10" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	66.50	34.76
			For Seal Class B, Add	8.69	
			For Seal Class A, Add	18.54	
			For Work In Restricted Working Space, Add	17.38	
23 31	13	13-0163	LF 10" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	70.66	36.94
			For Seal Class B, Add	9.24	
			For Seal Class A, Add	19.70	
			For Work In Restricted Working Space, Add	18.47	
23 31	13	13-0164	LF 12" x 12", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	49.89	26.08
			For Seal Class B, Add	6.52	
			For Seal Class A, Add	13.91	
			For Work In Restricted Working Space, Add	13.04	
23 31	13	13-0165	LF 12" x 14", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	54.03	28.25
			For Seal Class B, Add	7.06	
			For Seal Class A, Add	15.07	
			For Work In Restricted Working Space, Add	14.12	
23 31	13	13-0166	LF 12" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	58.18	30.42
			For Seal Class B, Add	7.61	
			For Seal Class A, Add	16.22	
			For Work In Restricted Working Space, Add	15.21	
23 31	13	13-0167	LF 12" x 18", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	62.35	32.59
			For Seal Class B, Add	8.15	
			For Seal Class A, Add	17.38	
			For Work In Restricted Working Space, Add	16.30	
23 31	13	13-0168	LF 12" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	66.50	34.76
			For Seal Class B, Add	8.69	
			For Seal Class A, Add	18.54	
			For Work In Restricted Working Space, Add	17.38	
23 31	13	13-0169	LF 12" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	70.66	36.94
			For Seal Class B, Add	9.24	
			For Seal Class A, Add	19.70	
			For Work In Restricted Working Space, Add	18.47	
23 31	13	13-0170	LF 12" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	74.81	39.12
			For Seal Class B, Add	9.78	
			For Seal Class A, Add	20.86	
			For Work In Restricted Working Space, Add	19.56	
23 31	13	13-0171	LF 14" x 14", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	58.18	30.42
			For Seal Class B, Add	7.61	
			For Seal Class A, Add	16.22	
			For Work In Restricted Working Space, Add	15.21	
23 31	13	13-0172	LF 14" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	62.35	32.59
			For Seal Class B, Add	8.15	
			For Seal Class A, Add	17.38	
			For Work In Restricted Working Space, Add	16.30	
23 31	13	13-0173	LF 14" x 18", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	66.50	34.76
			For Seal Class B, Add	8.69	
			For Seal Class A, Add	18.54	
			For Work In Restricted Working Space, Add	17.38	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0174	LF		14" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	70.66	36.94
			For Seal Class B, Add	9.24	
			For Seal Class A, Add	19.70	
			For Work In Restricted Working Space, Add	18.47	
23 31 13 13-0175	LF		14" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	74.81	39.12
			For Seal Class B, Add	9.78	
			For Seal Class A, Add	20.86	
			For Work In Restricted Working Space, Add	19.56	
23 31 13 13-0176	LF		14" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	78.98	41.29
			For Seal Class B, Add	10.32	
			For Seal Class A, Add	22.02	
			For Work In Restricted Working Space, Add	20.64	
23 31 13 13-0177	LF		16" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	66.50	34.76
			For Seal Class B, Add	8.69	
			For Seal Class A, Add	18.54	
			For Work In Restricted Working Space, Add	17.38	
23 31 13 13-0178	LF		16" x 18", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	70.66	36.94
			For Seal Class B, Add	9.24	
			For Seal Class A, Add	19.70	
			For Work In Restricted Working Space, Add	18.47	
23 31 13 13-0179	LF		16" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	74.81	39.12
			For Seal Class B, Add	9.78	
			For Seal Class A, Add	20.86	
			For Work In Restricted Working Space, Add	19.56	
23 31 13 13-0180	LF		16" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	78.98	41.29
			For Seal Class B, Add	10.32	
			For Seal Class A, Add	22.02	
			For Work In Restricted Working Space, Add	20.64	
23 31 13 13-0181	LF		16" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	83.13	43.47
			For Seal Class B, Add	10.86	
			For Seal Class A, Add	23.18	
			For Work In Restricted Working Space, Add	21.73	
23 31 13 13-0182	LF		18" x 18", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	74.81	39.12
			For Seal Class B, Add	9.78	
			For Seal Class A, Add	20.86	
			For Work In Restricted Working Space, Add	19.56	
23 31 13 13-0183	LF		18" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	78.98	41.29
			For Seal Class B, Add	10.32	
			For Seal Class A, Add	22.02	
			For Work In Restricted Working Space, Add	20.64	
23 31 13 13-0184	LF		18" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	83.13	43.47
			For Seal Class B, Add	10.86	
			For Seal Class A, Add	23.18	
			For Work In Restricted Working Space, Add	21.73	
23 31 13 13-0185	LF		18" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	87.28	45.63
			For Seal Class B, Add	11.41	
			For Seal Class A, Add	24.34	
			For Work In Restricted Working Space, Add	22.82	
23 31 13 13-0186	LF		20" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	83.13	43.47
			For Seal Class B, Add	10.86	
			For Seal Class A, Add	23.18	
			For Work In Restricted Working Space, Add	21.73	
23 31 13 13-0187	LF		20" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	87.28	45.63
			For Seal Class B, Add	11.41	
			For Seal Class A, Add	24.34	
			For Work In Restricted Working Space, Add	22.82	
23 31 13 13-0188	LF		20" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	91.43	47.80
			For Seal Class B, Add	11.95	
			For Seal Class A, Add	25.49	
			For Work In Restricted Working Space, Add	23.90	
23 31 13 13-0189	LF		22" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	91.43	47.80
			For Seal Class B, Add	11.95	
			For Seal Class A, Add	25.49	
			For Work In Restricted Working Space, Add	23.90	
23 31 13 13-0190	LF		22" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	95.60	49.98
			For Seal Class B, Add	12.49	
			For Seal Class A, Add	26.65	
			For Work In Restricted Working Space, Add	24.99	
23 31 13 13-0191	LF		24" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	99.76	52.15
			For Seal Class B, Add	13.04	
			For Seal Class A, Add	27.81	
			For Work In Restricted Working Space, Add	26.08	
23 31 13 13-0192			24 Gauge Galvanized Steel Metal Ductwork <small>(23 31 13 13-0014)</small>		
23 31 13 13-0193	LF		4" x 4", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	25.22	13.49
			For Seal Class B, Add	3.37	
			For Seal Class A, Add	7.20	
			For Work In Restricted Working Space, Add	6.75	
23 31 13 13-0194	LF		4" x 6", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	31.52	16.85
			For Seal Class B, Add	4.22	
			For Seal Class A, Add	9.00	
			For Work In Restricted Working Space, Add	8.43	
23 31 13 13-0195	LF		4" x 8", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	37.82	20.23
			For Seal Class B, Add	5.06	
			For Seal Class A, Add	10.79	
			For Work In Restricted Working Space, Add	10.12	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts and Casings



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 13-0196	LF 4" x 10", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	44.12	23.61
	For Seal Class B, Add	5.90	
	For Seal Class A, Add	12.59	
	For Work In Restricted Working Space, Add	11.80	
23 31 13 13-0197	LF 4" x 12", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	50.42	26.99
	For Seal Class B, Add	6.74	
	For Seal Class A, Add	14.39	
	For Work In Restricted Working Space, Add	13.49	
23 31 13 13-0198	LF 4" x 14", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	56.72	30.35
	For Seal Class B, Add	7.59	
	For Seal Class A, Add	16.19	
	For Work In Restricted Working Space, Add	15.17	
23 31 13 13-0199	LF 4" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	63.02	33.72
	For Seal Class B, Add	8.43	
	For Seal Class A, Add	17.98	
	For Work In Restricted Working Space, Add	16.86	
23 31 13 13-0200	LF 6" x 6", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	37.82	20.23
	For Seal Class B, Add	5.06	
	For Seal Class A, Add	10.79	
	For Work In Restricted Working Space, Add	10.12	
23 31 13 13-0201	LF 6" x 8", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	44.12	23.61
	For Seal Class B, Add	5.90	
	For Seal Class A, Add	12.59	
	For Work In Restricted Working Space, Add	11.80	
23 31 13 13-0202	LF 6" x 10", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	50.42	26.99
	For Seal Class B, Add	6.74	
	For Seal Class A, Add	14.39	
	For Work In Restricted Working Space, Add	13.49	
23 31 13 13-0203	LF 6" x 12", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	56.72	30.35
	For Seal Class B, Add	7.59	
	For Seal Class A, Add	16.19	
	For Work In Restricted Working Space, Add	15.17	
23 31 13 13-0204	LF 6" x 14", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	63.02	33.72
	For Seal Class B, Add	8.43	
	For Seal Class A, Add	17.98	
	For Work In Restricted Working Space, Add	16.86	
23 31 13 13-0205	LF 6" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	69.34	37.10
	For Seal Class B, Add	9.27	
	For Seal Class A, Add	19.79	
	For Work In Restricted Working Space, Add	18.55	
23 31 13 13-0206	LF 8" x 8", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	50.42	26.99
	For Seal Class B, Add	6.74	
	For Seal Class A, Add	14.39	
	For Work In Restricted Working Space, Add	13.49	
23 31 13 13-0207	LF 8" x 10", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	56.72	30.35
	For Seal Class B, Add	7.59	
	For Seal Class A, Add	16.19	
	For Work In Restricted Working Space, Add	15.17	
23 31 13 13-0208	LF 8" x 12", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	63.02	33.72
	For Seal Class B, Add	8.43	
	For Seal Class A, Add	17.98	
	For Work In Restricted Working Space, Add	16.86	
23 31 13 13-0209	LF 8" x 14", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	69.34	37.10
	For Seal Class B, Add	9.27	
	For Seal Class A, Add	19.79	
	For Work In Restricted Working Space, Add	18.55	
23 31 13 13-0210	LF 8" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	75.64	40.46
	For Seal Class B, Add	10.12	
	For Seal Class A, Add	21.58	
	For Work In Restricted Working Space, Add	20.24	
23 31 13 13-0211	LF 8" x 18", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	81.93	43.84
	For Seal Class B, Add	10.96	
	For Seal Class A, Add	23.38	
	For Work In Restricted Working Space, Add	21.92	
23 31 13 13-0212	LF 8" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	88.24	47.22
	For Seal Class B, Add	11.80	
	For Seal Class A, Add	25.18	
	For Work In Restricted Working Space, Add	23.60	
23 31 13 13-0213	LF 8" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	94.54	50.58
	For Seal Class B, Add	12.65	
	For Seal Class A, Add	26.98	
	For Work In Restricted Working Space, Add	25.29	
23 31 13 13-0214	LF 8" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	100.84	53.95
	For Seal Class B, Add	13.49	
	For Seal Class A, Add	28.77	
	For Work In Restricted Working Space, Add	26.98	
23 31 13 13-0215	LF 10" x 10", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	63.02	33.72
	For Seal Class B, Add	8.43	
	For Seal Class A, Add	17.98	
	For Work In Restricted Working Space, Add	16.86	
23 31 13 13-0216	LF 10" x 12", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	69.34	37.10
	For Seal Class B, Add	9.27	
	For Seal Class A, Add	19.79	
	For Work In Restricted Working Space, Add	18.55	
23 31 13 13-0217	LF 10" x 14", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	75.64	40.46
	For Seal Class B, Add	10.12	
	For Seal Class A, Add	21.58	
	For Work In Restricted Working Space, Add	20.24	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0218	LF	10" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	81.93 10.96 23.38 21.92	43.84
23 31 13	13-0219	LF	10" x 18", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	88.24 11.80 25.18 23.60	47.22
23 31 13	13-0220	LF	10" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	94.54 12.65 26.98 25.29	50.58
23 31 13	13-0221	LF	10" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	100.84 13.49 28.77 26.98	53.95
23 31 13	13-0222	LF	10" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	107.15 14.33 30.58 28.67	57.33
23 31 13	13-0223	LF	10" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	113.45 15.18 32.37 30.35	60.69
23 31 13	13-0224	LF	10" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	119.76 16.02 34.17 32.04	64.07
23 31 13	13-0225	LF	10" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	126.05 16.86 35.97 33.72	67.45
23 31 13	13-0226	LF	12" x 12", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	75.64 10.12 21.58 20.24	40.46
23 31 13	13-0227	LF	12" x 14", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	81.93 10.96 23.38 21.92	43.84
23 31 13	13-0228	LF	12" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	88.24 11.80 25.18 23.60	47.22
23 31 13	13-0229	LF	12" x 18", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	94.54 12.65 26.98 25.29	50.58
23 31 13	13-0230	LF	12" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	100.84 13.49 28.77 26.98	53.95
23 31 13	13-0231	LF	12" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	107.15 14.33 30.58 28.67	57.33
23 31 13	13-0232	LF	12" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	113.45 15.18 32.37 30.35	60.69
23 31 13	13-0233	LF	12" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	119.76 16.02 34.17 32.04	64.07
23 31 13	13-0234	LF	12" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	126.05 16.86 35.97 33.72	67.45
23 31 13	13-0235	LF	12" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	132.35 17.70 37.77 35.41	70.82
23 31 13	13-0236	LF	14" x 14", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	88.24 11.80 25.18 23.60	47.22
23 31 13	13-0237	LF	14" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	94.54 12.65 26.98 25.29	50.58
23 31 13	13-0238	LF	14" x 18", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	100.84 13.49 28.77 26.98	53.95
23 31 13	13-0239	LF	14" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	107.15 14.33 30.58 28.67	57.33

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts and Casings



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 13-0240	LF 14" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	113.45 15.18 32.37 30.35	60.69
23 31 13 13-0241	LF 14" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	119.76 16.02 34.17 32.04	64.07
23 31 13 13-0242	LF 14" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	126.05 16.86 35.97 33.72	67.45
23 31 13 13-0243	LF 14" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	132.35 17.70 37.77 35.41	70.82
23 31 13 13-0244	LF 14" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	138.65 18.55 39.56 37.09	74.18
23 31 13 13-0245	LF 16" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	100.84 13.49 28.77 26.98	53.95
23 31 13 13-0246	LF 16" x 18", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	107.15 14.33 30.58 28.67	57.33
23 31 13 13-0247	LF 16" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	113.45 15.18 32.37 30.35	60.69
23 31 13 13-0248	LF 16" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	119.76 16.02 34.17 32.04	64.07
23 31 13 13-0249	LF 16" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	126.05 16.86 35.97 33.72	67.45
23 31 13 13-0250	LF 16" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	132.35 17.70 37.77 35.41	70.82
23 31 13 13-0251	LF 16" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	138.65 18.55 39.56 37.09	74.18
23 31 13 13-0252	LF 16" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	144.96 19.39 41.36 38.78	77.56
23 31 13 13-0253	LF 18" x 18", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	113.45 15.18 32.37 30.35	60.69
23 31 13 13-0254	LF 18" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	119.76 16.02 34.17 32.04	64.07
23 31 13 13-0255	LF 18" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	126.05 16.86 35.97 33.72	67.45
23 31 13 13-0256	LF 18" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	132.35 17.70 37.77 35.41	70.82
23 31 13 13-0257	LF 18" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	138.65 18.55 39.56 37.09	74.18
23 31 13 13-0258	LF 18" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	144.96 19.39 41.36 38.78	77.56
23 31 13 13-0259	LF 18" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	151.27 20.23 43.16 40.47	80.94
23 31 13 13-0260	LF 20" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	126.05 16.86 35.97 33.72	67.45
23 31 13 13-0261	LF 20" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	132.35 17.70 37.77 35.41	70.82

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0262	LF		20" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	138.65	74.18
			For Seal Class B, Add	18.55	
			For Seal Class A, Add	39.56	
			For Work In Restricted Working Space, Add	37.09	
23 31 13 13-0263	LF		20" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	144.96	77.56
			For Seal Class B, Add	19.39	
			For Seal Class A, Add	41.36	
			For Work In Restricted Working Space, Add	38.78	
23 31 13 13-0264	LF		20" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	151.27	80.94
			For Seal Class B, Add	20.23	
			For Seal Class A, Add	43.16	
			For Work In Restricted Working Space, Add	40.47	
23 31 13 13-0265	LF		20" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	157.57	84.30
			For Seal Class B, Add	21.08	
			For Seal Class A, Add	44.96	
			For Work In Restricted Working Space, Add	42.15	
23 31 13 13-0266	LF		22" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	138.65	74.18
			For Seal Class B, Add	18.55	
			For Seal Class A, Add	39.56	
			For Work In Restricted Working Space, Add	37.09	
23 31 13 13-0267	LF		22" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	144.96	77.56
			For Seal Class B, Add	19.39	
			For Seal Class A, Add	41.36	
			For Work In Restricted Working Space, Add	38.78	
23 31 13 13-0268	LF		22" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	151.27	80.94
			For Seal Class B, Add	20.23	
			For Seal Class A, Add	43.16	
			For Work In Restricted Working Space, Add	40.47	
23 31 13 13-0269	LF		22" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	157.57	84.30
			For Seal Class B, Add	21.08	
			For Seal Class A, Add	44.96	
			For Work In Restricted Working Space, Add	42.15	
23 31 13 13-0270	LF		22" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	163.88	87.68
			For Seal Class B, Add	21.92	
			For Seal Class A, Add	46.76	
			For Work In Restricted Working Space, Add	43.84	
23 31 13 13-0271	LF		24" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	151.27	80.94
			For Seal Class B, Add	20.23	
			For Seal Class A, Add	43.16	
			For Work In Restricted Working Space, Add	40.47	
23 31 13 13-0272	LF		24" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	157.57	84.30
			For Seal Class B, Add	21.08	
			For Seal Class A, Add	44.96	
			For Work In Restricted Working Space, Add	42.15	
23 31 13 13-0273	LF		24" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	163.88	87.68
			For Seal Class B, Add	21.92	
			For Seal Class A, Add	46.76	
			For Work In Restricted Working Space, Add	43.84	
23 31 13 13-0274	LF		24" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	170.18	91.06
			For Seal Class B, Add	22.76	
			For Seal Class A, Add	48.56	
			For Work In Restricted Working Space, Add	45.53	
23 31 13 13-0275	LF		26" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	163.88	87.68
			For Seal Class B, Add	21.92	
			For Seal Class A, Add	46.76	
			For Work In Restricted Working Space, Add	43.84	
23 31 13 13-0276	LF		26" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	170.18	91.06
			For Seal Class B, Add	22.76	
			For Seal Class A, Add	48.56	
			For Work In Restricted Working Space, Add	45.53	
23 31 13 13-0277	LF		26" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	176.47	94.41
			For Seal Class B, Add	23.60	
			For Seal Class A, Add	50.36	
			For Work In Restricted Working Space, Add	47.21	
23 31 13 13-0278	LF		28" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	176.47	94.41
			For Seal Class B, Add	23.60	
			For Seal Class A, Add	50.36	
			For Work In Restricted Working Space, Add	47.21	
23 31 13 13-0279	LF		28" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	182.77	97.79
			For Seal Class B, Add	24.45	
			For Seal Class A, Add	52.15	
			For Work In Restricted Working Space, Add	48.89	
23 31 13 13-0280	LF		30" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	189.09	101.17
			For Seal Class B, Add	25.29	
			For Seal Class A, Add	53.96	
			For Work In Restricted Working Space, Add	50.58	
23 31 13 13-0281			22 Gauge Galvanized Steel Metal Ductwork <small>(23 31 13 13-0014)</small>		
23 31 13 13-0282	LF		4" x 4", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	25.81	13.49
			For Seal Class B, Add	3.37	
			For Seal Class A, Add	7.20	
			For Work In Restricted Working Space, Add	6.75	
23 31 13 13-0283	LF		4" x 6", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	32.26	16.85
			For Seal Class B, Add	4.22	
			For Seal Class A, Add	9.00	
			For Work In Restricted Working Space, Add	8.43	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts and Casings



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 13-0284	LF 4" x 8", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	38.70	20.23
	For Seal Class B, Add	5.06	
	For Seal Class A, Add	10.79	
	For Work In Restricted Working Space, Add	10.12	
23 31 13 13-0285	LF 4" x 10", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	45.15	23.61
	For Seal Class B, Add	5.90	
	For Seal Class A, Add	12.59	
	For Work In Restricted Working Space, Add	11.80	
23 31 13 13-0286	LF 4" x 12", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	51.60	26.99
	For Seal Class B, Add	6.74	
	For Seal Class A, Add	14.39	
	For Work In Restricted Working Space, Add	13.49	
23 31 13 13-0287	LF 4" x 14", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	58.05	30.35
	For Seal Class B, Add	7.59	
	For Seal Class A, Add	16.19	
	For Work In Restricted Working Space, Add	15.17	
23 31 13 13-0288	LF 4" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	64.50	33.72
	For Seal Class B, Add	8.43	
	For Seal Class A, Add	17.98	
	For Work In Restricted Working Space, Add	16.86	
23 31 13 13-0289	LF 6" x 6", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	38.70	20.23
	For Seal Class B, Add	5.06	
	For Seal Class A, Add	10.79	
	For Work In Restricted Working Space, Add	10.12	
23 31 13 13-0290	LF 6" x 8", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	45.15	23.61
	For Seal Class B, Add	5.90	
	For Seal Class A, Add	12.59	
	For Work In Restricted Working Space, Add	11.80	
23 31 13 13-0291	LF 6" x 10", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	51.60	26.99
	For Seal Class B, Add	6.74	
	For Seal Class A, Add	14.39	
	For Work In Restricted Working Space, Add	13.49	
23 31 13 13-0292	LF 6" x 12", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	58.05	30.35
	For Seal Class B, Add	7.59	
	For Seal Class A, Add	16.19	
	For Work In Restricted Working Space, Add	15.17	
23 31 13 13-0293	LF 6" x 14", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	64.50	33.72
	For Seal Class B, Add	8.43	
	For Seal Class A, Add	17.98	
	For Work In Restricted Working Space, Add	16.86	
23 31 13 13-0294	LF 6" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	70.96	37.10
	For Seal Class B, Add	9.27	
	For Seal Class A, Add	19.79	
	For Work In Restricted Working Space, Add	18.55	
23 31 13 13-0295	LF 8" x 8", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	51.60	26.99
	For Seal Class B, Add	6.74	
	For Seal Class A, Add	14.39	
	For Work In Restricted Working Space, Add	13.49	
23 31 13 13-0296	LF 8" x 10", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	58.05	30.35
	For Seal Class B, Add	7.59	
	For Seal Class A, Add	16.19	
	For Work In Restricted Working Space, Add	15.17	
23 31 13 13-0297	LF 8" x 12", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	64.50	33.72
	For Seal Class B, Add	8.43	
	For Seal Class A, Add	17.98	
	For Work In Restricted Working Space, Add	16.86	
23 31 13 13-0298	LF 8" x 14", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	70.96	37.10
	For Seal Class B, Add	9.27	
	For Seal Class A, Add	19.79	
	For Work In Restricted Working Space, Add	18.55	
23 31 13 13-0299	LF 8" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	77.41	40.46
	For Seal Class B, Add	10.12	
	For Seal Class A, Add	21.58	
	For Work In Restricted Working Space, Add	20.24	
23 31 13 13-0300	LF 8" x 18", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	83.85	43.84
	For Seal Class B, Add	10.96	
	For Seal Class A, Add	23.38	
	For Work In Restricted Working Space, Add	21.92	
23 31 13 13-0301	LF 8" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	90.30	47.22
	For Seal Class B, Add	11.80	
	For Seal Class A, Add	25.18	
	For Work In Restricted Working Space, Add	23.60	
23 31 13 13-0302	LF 8" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	96.75	50.58
	For Seal Class B, Add	12.65	
	For Seal Class A, Add	26.98	
	For Work In Restricted Working Space, Add	25.29	
23 31 13 13-0303	LF 8" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	103.20	53.95
	For Seal Class B, Add	13.49	
	For Seal Class A, Add	28.77	
	For Work In Restricted Working Space, Add	26.98	
23 31 13 13-0304	LF 10" x 10", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	64.50	33.72
	For Seal Class B, Add	8.43	
	For Seal Class A, Add	17.98	
	For Work In Restricted Working Space, Add	16.86	
23 31 13 13-0305	LF 10" x 12", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	70.96	37.10
	For Seal Class B, Add	9.27	
	For Seal Class A, Add	19.79	
	For Work In Restricted Working Space, Add	18.55	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0306	LF	10" x 14", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	77.41 10.12 21.58 20.24	40.46
23 31 13	13-0307	LF	10" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	83.85 10.96 23.38 21.92	43.84
23 31 13	13-0308	LF	10" x 18", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	90.30 11.80 25.18 23.60	47.22
23 31 13	13-0309	LF	10" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	96.75 12.65 26.98 25.29	50.58
23 31 13	13-0310	LF	10" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	103.20 13.49 28.77 26.98	53.95
23 31 13	13-0311	LF	10" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	109.66 14.33 30.58 28.67	57.33
23 31 13	13-0312	LF	10" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	116.11 15.18 32.37 30.35	60.69
23 31 13	13-0313	LF	10" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	122.56 16.02 34.17 32.04	64.07
23 31 13	13-0314	LF	10" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	129.00 16.86 35.97 33.72	67.45
23 31 13	13-0315	LF	10" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	135.45 17.70 37.77 35.41	70.82
23 31 13	13-0316	LF	12" x 12", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	77.41 10.12 21.58 20.24	40.46
23 31 13	13-0317	LF	12" x 14", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	83.85 10.96 23.38 21.92	43.84
23 31 13	13-0318	LF	12" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	90.30 11.80 25.18 23.60	47.22
23 31 13	13-0319	LF	12" x 18", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	96.75 12.65 26.98 25.29	50.58
23 31 13	13-0320	LF	12" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	103.20 13.49 28.77 26.98	53.95
23 31 13	13-0321	LF	12" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	109.66 14.33 30.58 28.67	57.33
23 31 13	13-0322	LF	12" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	116.11 15.18 32.37 30.35	60.69
23 31 13	13-0323	LF	12" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	122.56 16.02 34.17 32.04	64.07
23 31 13	13-0324	LF	12" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	129.00 16.86 35.97 33.72	67.45
23 31 13	13-0325	LF	12" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	135.45 17.70 37.77 35.41	70.82
23 31 13	13-0326	LF	12" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	141.90 18.55 39.56 37.09	74.18
23 31 13	13-0327	LF	12" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	148.35 19.39 41.36 38.78	77.56

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts and Casings



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 31 13 13-0328	LF	12" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	154.81	80.94
		<i>For Seal Class B, Add</i>	20.23	
		<i>For Seal Class A, Add</i>	43.16	
		<i>For Work In Restricted Working Space, Add</i>	40.47	
23 31 13 13-0329	LF	14" x 14", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	90.30	47.22
		<i>For Seal Class B, Add</i>	11.80	
		<i>For Seal Class A, Add</i>	25.18	
		<i>For Work In Restricted Working Space, Add</i>	23.60	
23 31 13 13-0330	LF	14" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	96.75	50.58
		<i>For Seal Class B, Add</i>	12.65	
		<i>For Seal Class A, Add</i>	26.98	
		<i>For Work In Restricted Working Space, Add</i>	25.29	
23 31 13 13-0331	LF	14" x 18", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	103.20	53.95
		<i>For Seal Class B, Add</i>	13.49	
		<i>For Seal Class A, Add</i>	28.77	
		<i>For Work In Restricted Working Space, Add</i>	26.98	
23 31 13 13-0332	LF	14" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	109.66	57.33
		<i>For Seal Class B, Add</i>	14.33	
		<i>For Seal Class A, Add</i>	30.58	
		<i>For Work In Restricted Working Space, Add</i>	28.67	
23 31 13 13-0333	LF	14" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	116.11	60.69
		<i>For Seal Class B, Add</i>	15.18	
		<i>For Seal Class A, Add</i>	32.37	
		<i>For Work In Restricted Working Space, Add</i>	30.35	
23 31 13 13-0334	LF	14" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	122.56	64.07
		<i>For Seal Class B, Add</i>	16.02	
		<i>For Seal Class A, Add</i>	34.17	
		<i>For Work In Restricted Working Space, Add</i>	32.04	
23 31 13 13-0335	LF	14" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	129.00	67.45
		<i>For Seal Class B, Add</i>	16.86	
		<i>For Seal Class A, Add</i>	35.97	
		<i>For Work In Restricted Working Space, Add</i>	33.72	
23 31 13 13-0336	LF	14" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	135.45	70.82
		<i>For Seal Class B, Add</i>	17.70	
		<i>For Seal Class A, Add</i>	37.77	
		<i>For Work In Restricted Working Space, Add</i>	35.41	
23 31 13 13-0337	LF	14" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	141.90	74.18
		<i>For Seal Class B, Add</i>	18.55	
		<i>For Seal Class A, Add</i>	39.56	
		<i>For Work In Restricted Working Space, Add</i>	37.09	
23 31 13 13-0338	LF	14" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	148.35	77.56
		<i>For Seal Class B, Add</i>	19.39	
		<i>For Seal Class A, Add</i>	41.36	
		<i>For Work In Restricted Working Space, Add</i>	38.78	
23 31 13 13-0339	LF	14" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	154.81	80.94
		<i>For Seal Class B, Add</i>	20.23	
		<i>For Seal Class A, Add</i>	43.16	
		<i>For Work In Restricted Working Space, Add</i>	40.47	
23 31 13 13-0340	LF	14" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	161.26	84.30
		<i>For Seal Class B, Add</i>	21.08	
		<i>For Seal Class A, Add</i>	44.96	
		<i>For Work In Restricted Working Space, Add</i>	42.15	
23 31 13 13-0341	LF	16" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	103.20	53.95
		<i>For Seal Class B, Add</i>	13.49	
		<i>For Seal Class A, Add</i>	28.77	
		<i>For Work In Restricted Working Space, Add</i>	26.98	
23 31 13 13-0342	LF	16" x 18", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	109.66	57.33
		<i>For Seal Class B, Add</i>	14.33	
		<i>For Seal Class A, Add</i>	30.58	
		<i>For Work In Restricted Working Space, Add</i>	28.67	
23 31 13 13-0343	LF	16" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	116.11	60.69
		<i>For Seal Class B, Add</i>	15.18	
		<i>For Seal Class A, Add</i>	32.37	
		<i>For Work In Restricted Working Space, Add</i>	30.35	
23 31 13 13-0344	LF	16" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	122.56	64.07
		<i>For Seal Class B, Add</i>	16.02	
		<i>For Seal Class A, Add</i>	34.17	
		<i>For Work In Restricted Working Space, Add</i>	32.04	
23 31 13 13-0345	LF	16" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	129.00	67.45
		<i>For Seal Class B, Add</i>	16.86	
		<i>For Seal Class A, Add</i>	35.97	
		<i>For Work In Restricted Working Space, Add</i>	33.72	
23 31 13 13-0346	LF	16" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	135.45	70.82
		<i>For Seal Class B, Add</i>	17.70	
		<i>For Seal Class A, Add</i>	37.77	
		<i>For Work In Restricted Working Space, Add</i>	35.41	
23 31 13 13-0347	LF	16" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	141.90	74.18
		<i>For Seal Class B, Add</i>	18.55	
		<i>For Seal Class A, Add</i>	39.56	
		<i>For Work In Restricted Working Space, Add</i>	37.09	
23 31 13 13-0348	LF	16" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	148.35	77.56
		<i>For Seal Class B, Add</i>	19.39	
		<i>For Seal Class A, Add</i>	41.36	
		<i>For Work In Restricted Working Space, Add</i>	38.78	
23 31 13 13-0349	LF	16" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	154.81	80.94
		<i>For Seal Class B, Add</i>	20.23	
		<i>For Seal Class A, Add</i>	43.16	
		<i>For Work In Restricted Working Space, Add</i>	40.47	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0350	LF	16" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	161.26 21.08 44.96 42.15	84.30
23 31 13	13-0351	LF	16" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	167.71 21.92 46.76 43.84	87.68
23 31 13	13-0352	LF	16" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	174.16 22.76 48.56 45.53	91.06
23 31 13	13-0353	LF	16" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	180.60 23.60 50.36 47.21	94.41
23 31 13	13-0354	LF	16" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	187.05 24.45 52.15 48.89	97.79
23 31 13	13-0355	LF	16" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	193.51 25.29 53.96 50.58	101.17
23 31 13	13-0356	LF	18" x 18", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	116.11 15.18 32.37 30.35	60.69
23 31 13	13-0357	LF	18" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	122.56 16.02 34.17 32.04	64.07
23 31 13	13-0358	LF	18" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	129.00 16.86 35.97 33.72	67.45
23 31 13	13-0359	LF	18" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	135.45 17.70 37.77 35.41	70.82
23 31 13	13-0360	LF	18" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	141.90 18.55 39.56 37.09	74.18
23 31 13	13-0361	LF	18" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	148.35 19.39 41.36 38.78	77.56
23 31 13	13-0362	LF	18" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	154.81 20.23 43.16 40.47	80.94
23 31 13	13-0363	LF	18" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	161.26 21.08 44.96 42.15	84.30
23 31 13	13-0364	LF	18" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	167.71 21.92 46.76 43.84	87.68
23 31 13	13-0365	LF	18" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	174.16 22.76 48.56 45.53	91.06
23 31 13	13-0366	LF	18" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	180.60 23.60 50.36 47.21	94.41
23 31 13	13-0367	LF	18" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	187.05 24.45 52.15 48.89	97.79
23 31 13	13-0368	LF	18" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	193.51 25.29 53.96 50.58	101.17
23 31 13	13-0369	LF	18" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	199.96 26.13 55.75 52.27	104.53
23 31 13	13-0370	LF	18" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	206.41 26.98 57.55 53.96	107.91
23 31 13	13-0371	LF	20" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	129.00 16.86 35.97 33.72	67.45

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts and Casings



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 13-0372	LF 20" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	135.45	70.82
	For Seal Class B, Add	17.70	
	For Seal Class A, Add	37.77	
	For Work In Restricted Working Space, Add	35.41	
23 31 13 13-0373	LF 20" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	141.90	74.18
	For Seal Class B, Add	18.55	
	For Seal Class A, Add	39.56	
	For Work In Restricted Working Space, Add	37.09	
23 31 13 13-0374	LF 20" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	148.35	77.56
	For Seal Class B, Add	19.39	
	For Seal Class A, Add	41.36	
	For Work In Restricted Working Space, Add	38.78	
23 31 13 13-0375	LF 20" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	154.81	80.94
	For Seal Class B, Add	20.23	
	For Seal Class A, Add	43.16	
	For Work In Restricted Working Space, Add	40.47	
23 31 13 13-0376	LF 20" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	161.26	84.30
	For Seal Class B, Add	21.08	
	For Seal Class A, Add	44.96	
	For Work In Restricted Working Space, Add	42.15	
23 31 13 13-0377	LF 20" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	167.71	87.68
	For Seal Class B, Add	21.92	
	For Seal Class A, Add	46.76	
	For Work In Restricted Working Space, Add	43.84	
23 31 13 13-0378	LF 20" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	174.16	91.06
	For Seal Class B, Add	22.76	
	For Seal Class A, Add	48.56	
	For Work In Restricted Working Space, Add	45.53	
23 31 13 13-0379	LF 20" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	180.60	94.41
	For Seal Class B, Add	23.60	
	For Seal Class A, Add	50.36	
	For Work In Restricted Working Space, Add	47.21	
23 31 13 13-0380	LF 20" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	187.05	97.79
	For Seal Class B, Add	24.45	
	For Seal Class A, Add	52.15	
	For Work In Restricted Working Space, Add	48.89	
23 31 13 13-0381	LF 20" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	193.51	101.17
	For Seal Class B, Add	25.29	
	For Seal Class A, Add	53.96	
	For Work In Restricted Working Space, Add	50.58	
23 31 13 13-0382	LF 20" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	199.96	104.53
	For Seal Class B, Add	26.13	
	For Seal Class A, Add	55.75	
	For Work In Restricted Working Space, Add	52.27	
23 31 13 13-0383	LF 20" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	206.41	107.91
	For Seal Class B, Add	26.98	
	For Seal Class A, Add	57.55	
	For Work In Restricted Working Space, Add	53.96	
23 31 13 13-0384	LF 20" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	212.86	111.29
	For Seal Class B, Add	27.82	
	For Seal Class A, Add	59.35	
	For Work In Restricted Working Space, Add	55.64	
23 31 13 13-0385	LF 20" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	219.31	114.65
	For Seal Class B, Add	28.66	
	For Seal Class A, Add	61.15	
	For Work In Restricted Working Space, Add	57.33	
23 31 13 13-0386	LF 22" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	141.90	74.18
	For Seal Class B, Add	18.55	
	For Seal Class A, Add	39.56	
	For Work In Restricted Working Space, Add	37.09	
23 31 13 13-0387	LF 22" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	148.35	77.56
	For Seal Class B, Add	19.39	
	For Seal Class A, Add	41.36	
	For Work In Restricted Working Space, Add	38.78	
23 31 13 13-0388	LF 22" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	154.81	80.94
	For Seal Class B, Add	20.23	
	For Seal Class A, Add	43.16	
	For Work In Restricted Working Space, Add	40.47	
23 31 13 13-0389	LF 22" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	161.26	84.30
	For Seal Class B, Add	21.08	
	For Seal Class A, Add	44.96	
	For Work In Restricted Working Space, Add	42.15	
23 31 13 13-0390	LF 22" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	167.71	87.68
	For Seal Class B, Add	21.92	
	For Seal Class A, Add	46.76	
	For Work In Restricted Working Space, Add	43.84	
23 31 13 13-0391	LF 22" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	174.16	91.06
	For Seal Class B, Add	22.76	
	For Seal Class A, Add	48.56	
	For Work In Restricted Working Space, Add	45.53	
23 31 13 13-0392	LF 22" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	180.60	94.41
	For Seal Class B, Add	23.60	
	For Seal Class A, Add	50.36	
	For Work In Restricted Working Space, Add	47.21	
23 31 13 13-0393	LF 22" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	187.05	97.79
	For Seal Class B, Add	24.45	
	For Seal Class A, Add	52.15	
	For Work In Restricted Working Space, Add	48.89	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0394	LF	22" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	193.51 25.29 53.96 50.58	101.17
23 31 13	13-0395	LF	22" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	199.96 26.13 55.75 52.27	104.53
23 31 13	13-0396	LF	22" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	206.41 26.98 57.55 53.96	107.91
23 31 13	13-0397	LF	22" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	212.86 27.82 59.35 55.64	111.29
23 31 13	13-0398	LF	22" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	219.31 28.66 61.15 57.33	114.65
23 31 13	13-0399	LF	22" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	225.75 29.51 62.94 59.01	118.02
23 31 13	13-0400	LF	24" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	154.81 20.23 43.16 40.47	80.94
23 31 13	13-0401	LF	24" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	161.26 21.08 44.96 42.15	84.30
23 31 13	13-0402	LF	24" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	167.71 21.92 46.76 43.84	87.68
23 31 13	13-0403	LF	24" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	174.16 22.76 48.56 45.53	91.06
23 31 13	13-0404	LF	24" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	180.60 23.60 50.36 47.21	94.41
23 31 13	13-0405	LF	24" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	187.05 24.45 52.15 48.89	97.79
23 31 13	13-0406	LF	24" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	193.51 25.29 53.96 50.58	101.17
23 31 13	13-0407	LF	24" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	199.96 26.13 55.75 52.27	104.53
23 31 13	13-0408	LF	24" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	206.41 26.98 57.55 53.96	107.91
23 31 13	13-0409	LF	24" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	212.86 27.82 59.35 55.64	111.29
23 31 13	13-0410	LF	24" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	219.31 28.66 61.15 57.33	114.65
23 31 13	13-0411	LF	24" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	225.75 29.51 62.94 59.01	118.02
23 31 13	13-0412	LF	24" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	232.20 30.35 64.74 60.70	121.40
23 31 13	13-0413	LF	26" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	167.71 21.92 46.76 43.84	87.68
23 31 13	13-0414	LF	26" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	174.16 22.76 48.56 45.53	91.06
23 31 13	13-0415	LF	26" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	180.60 23.60 50.36 47.21	94.41

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 31 13 13-0416	LF	26" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	187.05	97.79
		<i>For Seal Class B, Add</i>	24.45	
		<i>For Seal Class A, Add</i>	52.15	
		<i>For Work In Restricted Working Space, Add</i>	48.89	
23 31 13 13-0417	LF	26" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	193.51	101.17
		<i>For Seal Class B, Add</i>	25.29	
		<i>For Seal Class A, Add</i>	53.96	
		<i>For Work In Restricted Working Space, Add</i>	50.58	
23 31 13 13-0418	LF	26" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	199.96	104.53
		<i>For Seal Class B, Add</i>	26.13	
		<i>For Seal Class A, Add</i>	55.75	
		<i>For Work In Restricted Working Space, Add</i>	52.27	
23 31 13 13-0419	LF	26" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	206.41	107.91
		<i>For Seal Class B, Add</i>	26.98	
		<i>For Seal Class A, Add</i>	57.55	
		<i>For Work In Restricted Working Space, Add</i>	53.96	
23 31 13 13-0420	LF	26" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	212.86	111.29
		<i>For Seal Class B, Add</i>	27.82	
		<i>For Seal Class A, Add</i>	59.35	
		<i>For Work In Restricted Working Space, Add</i>	55.64	
23 31 13 13-0421	LF	26" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	219.31	114.65
		<i>For Seal Class B, Add</i>	28.66	
		<i>For Seal Class A, Add</i>	61.15	
		<i>For Work In Restricted Working Space, Add</i>	57.33	
23 31 13 13-0422	LF	26" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	225.75	118.02
		<i>For Seal Class B, Add</i>	29.51	
		<i>For Seal Class A, Add</i>	62.94	
		<i>For Work In Restricted Working Space, Add</i>	59.01	
23 31 13 13-0423	LF	26" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	232.20	121.40
		<i>For Seal Class B, Add</i>	30.35	
		<i>For Seal Class A, Add</i>	64.74	
		<i>For Work In Restricted Working Space, Add</i>	60.70	
23 31 13 13-0424	LF	26" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	238.66	124.77
		<i>For Seal Class B, Add</i>	31.19	
		<i>For Seal Class A, Add</i>	66.54	
		<i>For Work In Restricted Working Space, Add</i>	62.39	
23 31 13 13-0425	LF	28" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	180.60	94.41
		<i>For Seal Class B, Add</i>	23.60	
		<i>For Seal Class A, Add</i>	50.36	
		<i>For Work In Restricted Working Space, Add</i>	47.21	
23 31 13 13-0426	LF	28" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	187.05	97.79
		<i>For Seal Class B, Add</i>	24.45	
		<i>For Seal Class A, Add</i>	52.15	
		<i>For Work In Restricted Working Space, Add</i>	48.89	
23 31 13 13-0427	LF	28" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	193.51	101.17
		<i>For Seal Class B, Add</i>	25.29	
		<i>For Seal Class A, Add</i>	53.96	
		<i>For Work In Restricted Working Space, Add</i>	50.58	
23 31 13 13-0428	LF	28" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	199.96	104.53
		<i>For Seal Class B, Add</i>	26.13	
		<i>For Seal Class A, Add</i>	55.75	
		<i>For Work In Restricted Working Space, Add</i>	52.27	
23 31 13 13-0429	LF	28" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	206.41	107.91
		<i>For Seal Class B, Add</i>	26.98	
		<i>For Seal Class A, Add</i>	57.55	
		<i>For Work In Restricted Working Space, Add</i>	53.96	
23 31 13 13-0430	LF	28" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	212.86	111.29
		<i>For Seal Class B, Add</i>	27.82	
		<i>For Seal Class A, Add</i>	59.35	
		<i>For Work In Restricted Working Space, Add</i>	55.64	
23 31 13 13-0431	LF	28" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	219.31	114.65
		<i>For Seal Class B, Add</i>	28.66	
		<i>For Seal Class A, Add</i>	61.15	
		<i>For Work In Restricted Working Space, Add</i>	57.33	
23 31 13 13-0432	LF	28" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	225.75	118.02
		<i>For Seal Class B, Add</i>	29.51	
		<i>For Seal Class A, Add</i>	62.94	
		<i>For Work In Restricted Working Space, Add</i>	59.01	
23 31 13 13-0433	LF	28" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	232.20	121.40
		<i>For Seal Class B, Add</i>	30.35	
		<i>For Seal Class A, Add</i>	64.74	
		<i>For Work In Restricted Working Space, Add</i>	60.70	
23 31 13 13-0434	LF	28" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	238.66	124.77
		<i>For Seal Class B, Add</i>	31.19	
		<i>For Seal Class A, Add</i>	66.54	
		<i>For Work In Restricted Working Space, Add</i>	62.39	
23 31 13 13-0435	LF	28" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	245.12	128.14
		<i>For Seal Class B, Add</i>	32.04	
		<i>For Seal Class A, Add</i>	68.35	
		<i>For Work In Restricted Working Space, Add</i>	64.07	
23 31 13 13-0436	LF	30" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	193.51	101.17
		<i>For Seal Class B, Add</i>	25.29	
		<i>For Seal Class A, Add</i>	53.96	
		<i>For Work In Restricted Working Space, Add</i>	50.58	
23 31 13 13-0437	LF	30" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	199.96	104.53
		<i>For Seal Class B, Add</i>	26.13	
		<i>For Seal Class A, Add</i>	55.75	
		<i>For Work In Restricted Working Space, Add</i>	52.27	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0438	LF	30" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	206.41 26.98 57.55 53.96	107.91
23 31 13	13-0439	LF	30" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	212.86 27.82 59.35 55.64	111.29
23 31 13	13-0440	LF	30" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	219.31 28.66 61.15 57.33	114.65
23 31 13	13-0441	LF	30" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	225.75 29.51 62.94 59.01	118.02
23 31 13	13-0442	LF	30" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	232.20 30.35 64.74 60.70	121.40
23 31 13	13-0443	LF	30" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	238.66 31.19 66.54 62.39	124.77
23 31 13	13-0444	LF	30" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	245.12 32.04 68.35 64.07	128.14
23 31 13	13-0445	LF	30" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	251.56 32.88 70.14 65.76	131.52
23 31 13	13-0446	LF	32" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	206.41 26.98 57.55 53.96	107.91
23 31 13	13-0447	LF	32" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	212.86 27.82 59.35 55.64	111.29
23 31 13	13-0448	LF	32" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	219.31 28.66 61.15 57.33	114.65
23 31 13	13-0449	LF	32" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	225.75 29.51 62.94 59.01	118.02
23 31 13	13-0450	LF	32" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	232.20 30.35 64.74 60.70	121.40
23 31 13	13-0451	LF	32" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	238.66 31.19 66.54 62.39	124.77
23 31 13	13-0452	LF	32" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	245.12 32.04 68.35 64.07	128.14
23 31 13	13-0453	LF	32" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	251.56 32.88 70.14 65.76	131.52
23 31 13	13-0454	LF	32" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	258.01 33.72 71.94 67.44	134.89
23 31 13	13-0455	LF	34" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	219.31 28.66 61.15 57.33	114.65
23 31 13	13-0456	LF	34" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	225.75 29.51 62.94 59.01	118.02
23 31 13	13-0457	LF	34" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	232.20 30.35 64.74 60.70	121.40
23 31 13	13-0458	LF	34" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	238.66 31.19 66.54 62.39	124.77
23 31 13	13-0459	LF	34" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	245.12 32.04 68.35 64.07	128.14

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts and Casings



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 13-0460	LF 34" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	251.56	131.52
	For Seal Class B, Add	32.88	
	For Seal Class A, Add	70.14	
	For Work In Restricted Working Space, Add	65.76	
23 31 13 13-0461	LF 34" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	258.01	134.89
	For Seal Class B, Add	33.72	
	For Seal Class A, Add	71.94	
	For Work In Restricted Working Space, Add	67.44	
23 31 13 13-0462	LF 34" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	264.46	138.25
	For Seal Class B, Add	34.56	
	For Seal Class A, Add	73.74	
	For Work In Restricted Working Space, Add	69.13	
23 31 13 13-0463	LF 36" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	232.20	121.40
	For Seal Class B, Add	30.35	
	For Seal Class A, Add	64.74	
	For Work In Restricted Working Space, Add	60.70	
23 31 13 13-0464	LF 36" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	238.66	124.77
	For Seal Class B, Add	31.19	
	For Seal Class A, Add	66.54	
	For Work In Restricted Working Space, Add	62.39	
23 31 13 13-0465	LF 36" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	245.12	128.14
	For Seal Class B, Add	32.04	
	For Seal Class A, Add	68.35	
	For Work In Restricted Working Space, Add	64.07	
23 31 13 13-0466	LF 36" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	251.56	131.52
	For Seal Class B, Add	32.88	
	For Seal Class A, Add	70.14	
	For Work In Restricted Working Space, Add	65.76	
23 31 13 13-0467	LF 36" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	258.01	134.89
	For Seal Class B, Add	33.72	
	For Seal Class A, Add	71.94	
	For Work In Restricted Working Space, Add	67.44	
23 31 13 13-0468	LF 36" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	264.46	138.25
	For Seal Class B, Add	34.56	
	For Seal Class A, Add	73.74	
	For Work In Restricted Working Space, Add	69.13	
23 31 13 13-0469	LF 36" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	270.90	141.63
	For Seal Class B, Add	35.41	
	For Seal Class A, Add	75.53	
	For Work In Restricted Working Space, Add	70.81	
23 31 13 13-0470	LF 38" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	245.12	128.14
	For Seal Class B, Add	32.04	
	For Seal Class A, Add	68.35	
	For Work In Restricted Working Space, Add	64.07	
23 31 13 13-0471	LF 38" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	251.56	131.52
	For Seal Class B, Add	32.88	
	For Seal Class A, Add	70.14	
	For Work In Restricted Working Space, Add	65.76	
23 31 13 13-0472	LF 38" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	258.01	134.89
	For Seal Class B, Add	33.72	
	For Seal Class A, Add	71.94	
	For Work In Restricted Working Space, Add	67.44	
23 31 13 13-0473	LF 38" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	264.46	138.25
	For Seal Class B, Add	34.56	
	For Seal Class A, Add	73.74	
	For Work In Restricted Working Space, Add	69.13	
23 31 13 13-0474	LF 38" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	270.90	141.63
	For Seal Class B, Add	35.41	
	For Seal Class A, Add	75.53	
	For Work In Restricted Working Space, Add	70.81	
23 31 13 13-0475	LF 38" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	277.36	145.01
	For Seal Class B, Add	36.25	
	For Seal Class A, Add	77.33	
	For Work In Restricted Working Space, Add	72.50	
23 31 13 13-0476	LF 38" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	283.82	148.37
	For Seal Class B, Add	37.10	
	For Seal Class A, Add	79.14	
	For Work In Restricted Working Space, Add	74.19	
23 31 13 13-0477	LF 40" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	258.01	134.89
	For Seal Class B, Add	33.72	
	For Seal Class A, Add	71.94	
	For Work In Restricted Working Space, Add	67.44	
23 31 13 13-0478	LF 40" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	264.46	138.25
	For Seal Class B, Add	34.56	
	For Seal Class A, Add	73.74	
	For Work In Restricted Working Space, Add	69.13	
23 31 13 13-0479	LF 40" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	270.90	141.63
	For Seal Class B, Add	35.41	
	For Seal Class A, Add	75.53	
	For Work In Restricted Working Space, Add	70.81	
23 31 13 13-0480	LF 40" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	277.36	145.01
	For Seal Class B, Add	36.25	
	For Seal Class A, Add	77.33	
	For Work In Restricted Working Space, Add	72.50	
23 31 13 13-0481	LF 40" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	283.82	148.37
	For Seal Class B, Add	37.10	
	For Seal Class A, Add	79.14	
	For Work In Restricted Working Space, Add	74.19	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0482	LF	40" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	290.27 37.94 80.93 75.88	151.75
23 31 13	13-0483	LF	40" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	296.71 38.78 82.73 77.56	155.12
23 31 13	13-0484	LF	40" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	303.16 39.62 84.53 79.25	158.48
23 31 13	13-0485	LF	42" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	270.90 35.41 75.53 70.81	141.63
23 31 13	13-0486	LF	42" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	277.36 36.25 77.33 72.50	145.01
23 31 13	13-0487	LF	42" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	283.82 37.10 79.14 74.19	148.37
23 31 13	13-0488	LF	42" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	290.27 37.94 80.93 75.88	151.75
23 31 13	13-0489	LF	42" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	296.71 38.78 82.73 77.56	155.12
23 31 13	13-0490	LF	42" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	303.16 39.62 84.53 79.25	158.48
23 31 13	13-0491	LF	42" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	309.61 40.47 86.33 80.93	161.86
23 31 13	13-0492	LF	44" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	283.82 37.10 79.14 74.19	148.37
23 31 13	13-0493	LF	44" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	290.27 37.94 80.93 75.88	151.75
23 31 13	13-0494	LF	44" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	296.71 38.78 82.73 77.56	155.12
23 31 13	13-0495	LF	44" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	303.16 39.62 84.53 79.25	158.48
23 31 13	13-0496	LF	44" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	309.61 40.47 86.33 80.93	161.86
23 31 13	13-0497	LF	44" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	316.05 41.31 88.12 82.61	165.24
23 31 13	13-0498	LF	46" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	296.71 38.78 82.73 77.56	155.12
23 31 13	13-0499	LF	46" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	303.16 39.62 84.53 79.25	158.48
23 31 13	13-0500	LF	46" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	309.61 40.47 86.33 80.93	161.86
23 31 13	13-0501	LF	46" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	316.05 41.31 88.12 82.61	165.24
23 31 13	13-0502	LF	46" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	322.51 42.15 89.92 84.30	168.61
23 31 13	13-0503	LF	48" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	309.61 40.47 86.33 80.93	161.86

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts and Casings



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 13-0504	LF 48" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	316.05 41.31 88.12 82.61	165.24
23 31 13 13-0505	LF 48" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	322.51 42.15 89.92 84.30	168.61
23 31 13 13-0506	LF 48" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	328.98 43.00 91.72 85.99	171.98
23 31 13 13-0507	LF 50" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	322.51 42.15 89.92 84.30	168.61
23 31 13 13-0508	LF 50" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	328.98 43.00 91.72 85.99	171.98
23 31 13 13-0509	LF 50" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	335.43 43.84 93.52 87.68	175.35
23 31 13 13-0510	LF 52" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	335.43 43.84 93.52 87.68	175.35
23 31 13 13-0511	LF 52" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	341.87 44.68 95.32 89.36	178.72
23 31 13 13-0512	LF 54" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	348.32 45.52 97.12 91.05	182.09
23 31 13 13-0513	20 Gauge Galvanized Steel Metal Ductwork (23 31 13 13-0014)		
23 31 13 13-0514	LF 4" x 4", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	30.38 3.97 8.47 7.94	15.88
23 31 13 13-0515	LF 4" x 6", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	37.99 4.97 10.59 9.93	19.86
23 31 13 13-0516	LF 4" x 8", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	45.58 5.96 12.71 11.91	23.83
23 31 13 13-0517	LF 4" x 10", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	53.18 6.95 14.83 13.90	27.79
23 31 13 13-0518	LF 4" x 12", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	60.78 7.94 16.95 15.89	31.78
23 31 13 13-0519	LF 4" x 14", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	68.38 8.94 19.06 17.87	35.74
23 31 13 13-0520	LF 4" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	75.97 9.93 21.18 19.86	39.71
23 31 13 13-0521	LF 6" x 6", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	45.58 5.96 12.71 11.91	23.83
23 31 13 13-0522	LF 6" x 8", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	53.18 6.95 14.83 13.90	27.79
23 31 13 13-0523	LF 6" x 10", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	60.78 7.94 16.95 15.89	31.78
23 31 13 13-0524	LF 6" x 12", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	68.38 8.94 19.06 17.87	35.74
23 31 13 13-0525	LF 6" x 14", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	75.97 9.93 21.18 19.86	39.71

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0526	LF	6" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	83.58 10.92 23.30 21.85	43.69
23 31 13	13-0527	LF	8" x 8", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	60.78 7.94 16.95 15.89	31.78
23 31 13	13-0528	LF	8" x 10", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	68.38 8.94 19.06 17.87	35.74
23 31 13	13-0529	LF	8" x 12", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	75.97 9.93 21.18 19.86	39.71
23 31 13	13-0530	LF	8" x 14", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	83.58 10.92 23.30 21.85	43.69
23 31 13	13-0531	LF	8" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	91.16 11.92 25.42 23.83	47.66
23 31 13	13-0532	LF	8" x 18", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	98.76 12.91 27.54 25.82	51.62
23 31 13	13-0533	LF	8" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	106.36 13.90 29.65 27.80	55.61
23 31 13	13-0534	LF	8" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	113.95 14.89 31.77 29.79	59.57
23 31 13	13-0535	LF	8" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	121.56 15.89 33.89 31.77	63.55
23 31 13	13-0536	LF	10" x 10", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	75.97 9.93 21.18 19.86	39.71
23 31 13	13-0537	LF	10" x 12", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	83.58 10.92 23.30 21.85	43.69
23 31 13	13-0538	LF	10" x 14", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	91.16 11.92 25.42 23.83	47.66
23 31 13	13-0539	LF	10" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	98.76 12.91 27.54 25.82	51.62
23 31 13	13-0540	LF	10" x 18", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	106.36 13.90 29.65 27.80	55.61
23 31 13	13-0541	LF	10" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	113.95 14.89 31.77 29.79	59.57
23 31 13	13-0542	LF	10" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	121.56 15.89 33.89 31.77	63.55
23 31 13	13-0543	LF	10" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	129.17 16.88 36.01 33.76	67.52
23 31 13	13-0544	LF	10" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	136.75 17.87 38.13 35.75	71.49
23 31 13	13-0545	LF	10" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	144.36 18.87 40.25 37.73	75.46
23 31 13	13-0546	LF	10" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	151.94 19.86 42.36 39.72	79.44
23 31 13	13-0547	LF	10" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	159.54 20.85 44.48 41.70	83.40

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts and Casings



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 13-0548	LF 12" x 12", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	91.16	47.66
	For Seal Class B, Add	11.92	
	For Seal Class A, Add	25.42	
	For Work In Restricted Working Space, Add	23.83	
23 31 13 13-0549	LF 12" x 14", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	98.76	51.62
	For Seal Class B, Add	12.91	
	For Seal Class A, Add	27.54	
	For Work In Restricted Working Space, Add	25.82	
23 31 13 13-0550	LF 12" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	106.36	55.61
	For Seal Class B, Add	13.90	
	For Seal Class A, Add	29.65	
	For Work In Restricted Working Space, Add	27.80	
23 31 13 13-0551	LF 12" x 18", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	113.95	59.57
	For Seal Class B, Add	14.89	
	For Seal Class A, Add	31.77	
	For Work In Restricted Working Space, Add	29.79	
23 31 13 13-0552	LF 12" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	121.56	63.55
	For Seal Class B, Add	15.89	
	For Seal Class A, Add	33.89	
	For Work In Restricted Working Space, Add	31.77	
23 31 13 13-0553	LF 12" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	129.17	67.52
	For Seal Class B, Add	16.88	
	For Seal Class A, Add	36.01	
	For Work In Restricted Working Space, Add	33.76	
23 31 13 13-0554	LF 12" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	136.75	71.49
	For Seal Class B, Add	17.87	
	For Seal Class A, Add	38.13	
	For Work In Restricted Working Space, Add	35.75	
23 31 13 13-0555	LF 12" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	144.36	75.46
	For Seal Class B, Add	18.87	
	For Seal Class A, Add	40.25	
	For Work In Restricted Working Space, Add	37.73	
23 31 13 13-0556	LF 12" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	151.94	79.44
	For Seal Class B, Add	19.86	
	For Seal Class A, Add	42.36	
	For Work In Restricted Working Space, Add	39.72	
23 31 13 13-0557	LF 12" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	159.54	83.40
	For Seal Class B, Add	20.85	
	For Seal Class A, Add	44.48	
	For Work In Restricted Working Space, Add	41.70	
23 31 13 13-0558	LF 12" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	167.14	87.38
	For Seal Class B, Add	21.84	
	For Seal Class A, Add	46.60	
	For Work In Restricted Working Space, Add	43.69	
23 31 13 13-0559	LF 12" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	174.73	91.35
	For Seal Class B, Add	22.84	
	For Seal Class A, Add	48.72	
	For Work In Restricted Working Space, Add	45.68	
23 31 13 13-0560	LF 12" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	182.35	95.32
	For Seal Class B, Add	23.83	
	For Seal Class A, Add	50.84	
	For Work In Restricted Working Space, Add	47.66	
23 31 13 13-0561	LF 14" x 14", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	106.36	55.61
	For Seal Class B, Add	13.90	
	For Seal Class A, Add	29.65	
	For Work In Restricted Working Space, Add	27.80	
23 31 13 13-0562	LF 14" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	113.95	59.57
	For Seal Class B, Add	14.89	
	For Seal Class A, Add	31.77	
	For Work In Restricted Working Space, Add	29.79	
23 31 13 13-0563	LF 14" x 18", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	121.56	63.55
	For Seal Class B, Add	15.89	
	For Seal Class A, Add	33.89	
	For Work In Restricted Working Space, Add	31.77	
23 31 13 13-0564	LF 14" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	129.17	67.52
	For Seal Class B, Add	16.88	
	For Seal Class A, Add	36.01	
	For Work In Restricted Working Space, Add	33.76	
23 31 13 13-0565	LF 14" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	136.75	71.49
	For Seal Class B, Add	17.87	
	For Seal Class A, Add	38.13	
	For Work In Restricted Working Space, Add	35.75	
23 31 13 13-0566	LF 14" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	144.36	75.46
	For Seal Class B, Add	18.87	
	For Seal Class A, Add	40.25	
	For Work In Restricted Working Space, Add	37.73	
23 31 13 13-0567	LF 14" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	151.94	79.44
	For Seal Class B, Add	19.86	
	For Seal Class A, Add	42.36	
	For Work In Restricted Working Space, Add	39.72	
23 31 13 13-0568	LF 14" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	159.54	83.40
	For Seal Class B, Add	20.85	
	For Seal Class A, Add	44.48	
	For Work In Restricted Working Space, Add	41.70	
23 31 13 13-0569	LF 14" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	167.14	87.38
	For Seal Class B, Add	21.84	
	For Seal Class A, Add	46.60	
	For Work In Restricted Working Space, Add	43.69	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0570	LF	14" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	174.73	91.35
			For Seal Class B, Add	22.84	
			For Seal Class A, Add	48.72	
			For Work In Restricted Working Space, Add	45.68	
23 31 13	13-0571	LF	14" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	182.35	95.32
			For Seal Class B, Add	23.83	
			For Seal Class A, Add	50.84	
			For Work In Restricted Working Space, Add	47.66	
23 31 13	13-0572	LF	14" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	189.92	99.29
			For Seal Class B, Add	24.82	
			For Seal Class A, Add	52.96	
			For Work In Restricted Working Space, Add	49.65	
23 31 13	13-0573	LF	16" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	121.56	63.55
			For Seal Class B, Add	15.89	
			For Seal Class A, Add	33.89	
			For Work In Restricted Working Space, Add	31.77	
23 31 13	13-0574	LF	16" x 18", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	129.17	67.52
			For Seal Class B, Add	16.88	
			For Seal Class A, Add	36.01	
			For Work In Restricted Working Space, Add	33.76	
23 31 13	13-0575	LF	16" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	136.75	71.49
			For Seal Class B, Add	17.87	
			For Seal Class A, Add	38.13	
			For Work In Restricted Working Space, Add	35.75	
23 31 13	13-0576	LF	16" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	144.36	75.46
			For Seal Class B, Add	18.87	
			For Seal Class A, Add	40.25	
			For Work In Restricted Working Space, Add	37.73	
23 31 13	13-0577	LF	16" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	151.94	79.44
			For Seal Class B, Add	19.86	
			For Seal Class A, Add	42.36	
			For Work In Restricted Working Space, Add	39.72	
23 31 13	13-0578	LF	16" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	159.54	83.40
			For Seal Class B, Add	20.85	
			For Seal Class A, Add	44.48	
			For Work In Restricted Working Space, Add	41.70	
23 31 13	13-0579	LF	16" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	167.14	87.38
			For Seal Class B, Add	21.84	
			For Seal Class A, Add	46.60	
			For Work In Restricted Working Space, Add	43.69	
23 31 13	13-0580	LF	16" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	174.73	91.35
			For Seal Class B, Add	22.84	
			For Seal Class A, Add	48.72	
			For Work In Restricted Working Space, Add	45.68	
23 31 13	13-0581	LF	16" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	182.35	95.32
			For Seal Class B, Add	23.83	
			For Seal Class A, Add	50.84	
			For Work In Restricted Working Space, Add	47.66	
23 31 13	13-0582	LF	16" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	189.92	99.29
			For Seal Class B, Add	24.82	
			For Seal Class A, Add	52.96	
			For Work In Restricted Working Space, Add	49.65	
23 31 13	13-0583	LF	16" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	197.53	103.27
			For Seal Class B, Add	25.82	
			For Seal Class A, Add	55.08	
			For Work In Restricted Working Space, Add	51.63	
23 31 13	13-0584	LF	16" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	205.12	107.23
			For Seal Class B, Add	26.81	
			For Seal Class A, Add	57.19	
			For Work In Restricted Working Space, Add	53.62	
23 31 13	13-0585	LF	16" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	212.72	111.21
			For Seal Class B, Add	27.80	
			For Seal Class A, Add	59.31	
			For Work In Restricted Working Space, Add	55.61	
23 31 13	13-0586	LF	16" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	220.31	115.18
			For Seal Class B, Add	28.79	
			For Seal Class A, Add	61.43	
			For Work In Restricted Working Space, Add	57.59	
23 31 13	13-0587	LF	16" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	227.93	119.15
			For Seal Class B, Add	29.79	
			For Seal Class A, Add	63.55	
			For Work In Restricted Working Space, Add	59.58	
23 31 13	13-0588	LF	18" x 18", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	136.75	71.49
			For Seal Class B, Add	17.87	
			For Seal Class A, Add	38.13	
			For Work In Restricted Working Space, Add	35.75	
23 31 13	13-0589	LF	18" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	144.36	75.46
			For Seal Class B, Add	18.87	
			For Seal Class A, Add	40.25	
			For Work In Restricted Working Space, Add	37.73	
23 31 13	13-0590	LF	18" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	151.94	79.44
			For Seal Class B, Add	19.86	
			For Seal Class A, Add	42.36	
			For Work In Restricted Working Space, Add	39.72	
23 31 13	13-0591	LF	18" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	159.54	83.40
			For Seal Class B, Add	20.85	
			For Seal Class A, Add	44.48	
			For Work In Restricted Working Space, Add	41.70	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts and Casings



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 13-0592	LF 18" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	167.14	87.38
	For Seal Class B, Add	21.84	
	For Seal Class A, Add	46.60	
	For Work In Restricted Working Space, Add	43.69	
23 31 13 13-0593	LF 18" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	174.73	91.35
	For Seal Class B, Add	22.84	
	For Seal Class A, Add	48.72	
	For Work In Restricted Working Space, Add	45.68	
23 31 13 13-0594	LF 18" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	182.35	95.32
	For Seal Class B, Add	23.83	
	For Seal Class A, Add	50.84	
	For Work In Restricted Working Space, Add	47.66	
23 31 13 13-0595	LF 18" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	189.92	99.29
	For Seal Class B, Add	24.82	
	For Seal Class A, Add	52.96	
	For Work In Restricted Working Space, Add	49.65	
23 31 13 13-0596	LF 18" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	197.53	103.27
	For Seal Class B, Add	25.82	
	For Seal Class A, Add	55.08	
	For Work In Restricted Working Space, Add	51.63	
23 31 13 13-0597	LF 18" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	205.12	107.23
	For Seal Class B, Add	26.81	
	For Seal Class A, Add	57.19	
	For Work In Restricted Working Space, Add	53.62	
23 31 13 13-0598	LF 18" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	212.72	111.21
	For Seal Class B, Add	27.80	
	For Seal Class A, Add	59.31	
	For Work In Restricted Working Space, Add	55.61	
23 31 13 13-0599	LF 18" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	220.31	115.18
	For Seal Class B, Add	28.79	
	For Seal Class A, Add	61.43	
	For Work In Restricted Working Space, Add	57.59	
23 31 13 13-0600	LF 18" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	227.93	119.15
	For Seal Class B, Add	29.79	
	For Seal Class A, Add	63.55	
	For Work In Restricted Working Space, Add	59.58	
23 31 13 13-0601	LF 18" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	235.51	123.12
	For Seal Class B, Add	30.78	
	For Seal Class A, Add	65.66	
	For Work In Restricted Working Space, Add	61.56	
23 31 13 13-0602	LF 18" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	243.12	127.10
	For Seal Class B, Add	31.77	
	For Seal Class A, Add	67.79	
	For Work In Restricted Working Space, Add	63.55	
23 31 13 13-0603	LF 20" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	151.94	79.44
	For Seal Class B, Add	19.86	
	For Seal Class A, Add	42.36	
	For Work In Restricted Working Space, Add	39.72	
23 31 13 13-0604	LF 20" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	159.54	83.40
	For Seal Class B, Add	20.85	
	For Seal Class A, Add	44.48	
	For Work In Restricted Working Space, Add	41.70	
23 31 13 13-0605	LF 20" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	167.14	87.38
	For Seal Class B, Add	21.84	
	For Seal Class A, Add	46.60	
	For Work In Restricted Working Space, Add	43.69	
23 31 13 13-0606	LF 20" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	174.73	91.35
	For Seal Class B, Add	22.84	
	For Seal Class A, Add	48.72	
	For Work In Restricted Working Space, Add	45.68	
23 31 13 13-0607	LF 20" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	182.35	95.32
	For Seal Class B, Add	23.83	
	For Seal Class A, Add	50.84	
	For Work In Restricted Working Space, Add	47.66	
23 31 13 13-0608	LF 20" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	189.92	99.29
	For Seal Class B, Add	24.82	
	For Seal Class A, Add	52.96	
	For Work In Restricted Working Space, Add	49.65	
23 31 13 13-0609	LF 20" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	197.53	103.27
	For Seal Class B, Add	25.82	
	For Seal Class A, Add	55.08	
	For Work In Restricted Working Space, Add	51.63	
23 31 13 13-0610	LF 20" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	205.12	107.23
	For Seal Class B, Add	26.81	
	For Seal Class A, Add	57.19	
	For Work In Restricted Working Space, Add	53.62	
23 31 13 13-0611	LF 20" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	212.72	111.21
	For Seal Class B, Add	27.80	
	For Seal Class A, Add	59.31	
	For Work In Restricted Working Space, Add	55.61	
23 31 13 13-0612	LF 20" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	220.31	115.18
	For Seal Class B, Add	28.79	
	For Seal Class A, Add	61.43	
	For Work In Restricted Working Space, Add	57.59	
23 31 13 13-0613	LF 20" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	227.93	119.15
	For Seal Class B, Add	29.79	
	For Seal Class A, Add	63.55	
	For Work In Restricted Working Space, Add	59.58	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0614	LF	20" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	235.51 30.78 65.66 61.56	123.12
23 31 13	13-0615	LF	20" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	243.12 31.77 67.79 63.55	127.10
23 31 13	13-0616	LF	20" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	250.71 32.77 69.90 65.54	131.06
23 31 13	13-0617	LF	20" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	258.30 33.76 72.02 67.52	135.05
23 31 13	13-0618	LF	22" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	167.14 21.84 46.60 43.69	87.38
23 31 13	13-0619	LF	22" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	174.73 22.84 48.72 45.68	91.35
23 31 13	13-0620	LF	22" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	182.35 23.83 50.84 47.66	95.32
23 31 13	13-0621	LF	22" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	189.92 24.82 52.96 49.65	99.29
23 31 13	13-0622	LF	22" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	197.53 25.82 55.08 51.63	103.27
23 31 13	13-0623	LF	22" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	205.12 26.81 57.19 53.62	107.23
23 31 13	13-0624	LF	22" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	212.72 27.80 59.31 55.61	111.21
23 31 13	13-0625	LF	22" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	220.31 28.79 61.43 57.59	115.18
23 31 13	13-0626	LF	22" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	227.93 29.79 63.55 59.58	119.15
23 31 13	13-0627	LF	22" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	235.51 30.78 65.66 61.56	123.12
23 31 13	13-0628	LF	22" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	243.12 31.77 67.79 63.55	127.10
23 31 13	13-0629	LF	22" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	250.71 32.77 69.90 65.54	131.06
23 31 13	13-0630	LF	22" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	258.30 33.76 72.02 67.52	135.05
23 31 13	13-0631	LF	22" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	265.91 34.75 74.14 69.50	139.01
23 31 13	13-0632	LF	24" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	182.35 23.83 50.84 47.66	95.32
23 31 13	13-0633	LF	24" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	189.92 24.82 52.96 49.65	99.29
23 31 13	13-0634	LF	24" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	197.53 25.82 55.08 51.63	103.27
23 31 13	13-0635	LF	24" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	205.12 26.81 57.19 53.62	107.23

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 31 13 13-0636	LF	24" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	212.72	111.21
		<i>For Seal Class B, Add</i>	27.80	
		<i>For Seal Class A, Add</i>	59.31	
		<i>For Work In Restricted Working Space, Add</i>	55.61	
23 31 13 13-0637	LF	24" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	220.31	115.18
		<i>For Seal Class B, Add</i>	28.79	
		<i>For Seal Class A, Add</i>	61.43	
		<i>For Work In Restricted Working Space, Add</i>	57.59	
23 31 13 13-0638	LF	24" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	227.93	119.15
		<i>For Seal Class B, Add</i>	29.79	
		<i>For Seal Class A, Add</i>	63.55	
		<i>For Work In Restricted Working Space, Add</i>	59.58	
23 31 13 13-0639	LF	24" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	235.51	123.12
		<i>For Seal Class B, Add</i>	30.78	
		<i>For Seal Class A, Add</i>	65.66	
		<i>For Work In Restricted Working Space, Add</i>	61.56	
23 31 13 13-0640	LF	24" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	243.12	127.10
		<i>For Seal Class B, Add</i>	31.77	
		<i>For Seal Class A, Add</i>	67.79	
		<i>For Work In Restricted Working Space, Add</i>	63.55	
23 31 13 13-0641	LF	24" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	250.71	131.06
		<i>For Seal Class B, Add</i>	32.77	
		<i>For Seal Class A, Add</i>	69.90	
		<i>For Work In Restricted Working Space, Add</i>	65.54	
23 31 13 13-0642	LF	24" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	258.30	135.05
		<i>For Seal Class B, Add</i>	33.76	
		<i>For Seal Class A, Add</i>	72.02	
		<i>For Work In Restricted Working Space, Add</i>	67.52	
23 31 13 13-0643	LF	24" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	265.91	139.01
		<i>For Seal Class B, Add</i>	34.75	
		<i>For Seal Class A, Add</i>	74.14	
		<i>For Work In Restricted Working Space, Add</i>	69.50	
23 31 13 13-0644	LF	24" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	273.49	142.98
		<i>For Seal Class B, Add</i>	35.75	
		<i>For Seal Class A, Add</i>	76.26	
		<i>For Work In Restricted Working Space, Add</i>	71.49	
23 31 13 13-0645	LF	26" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	197.53	103.27
		<i>For Seal Class B, Add</i>	25.82	
		<i>For Seal Class A, Add</i>	55.08	
		<i>For Work In Restricted Working Space, Add</i>	51.63	
23 31 13 13-0646	LF	26" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	205.12	107.23
		<i>For Seal Class B, Add</i>	26.81	
		<i>For Seal Class A, Add</i>	57.19	
		<i>For Work In Restricted Working Space, Add</i>	53.62	
23 31 13 13-0647	LF	26" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	212.72	111.21
		<i>For Seal Class B, Add</i>	27.80	
		<i>For Seal Class A, Add</i>	59.31	
		<i>For Work In Restricted Working Space, Add</i>	55.61	
23 31 13 13-0648	LF	26" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	220.31	115.18
		<i>For Seal Class B, Add</i>	28.79	
		<i>For Seal Class A, Add</i>	61.43	
		<i>For Work In Restricted Working Space, Add</i>	57.59	
23 31 13 13-0649	LF	26" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	227.93	119.15
		<i>For Seal Class B, Add</i>	29.79	
		<i>For Seal Class A, Add</i>	63.55	
		<i>For Work In Restricted Working Space, Add</i>	59.58	
23 31 13 13-0650	LF	26" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	235.51	123.12
		<i>For Seal Class B, Add</i>	30.78	
		<i>For Seal Class A, Add</i>	65.66	
		<i>For Work In Restricted Working Space, Add</i>	61.56	
23 31 13 13-0651	LF	26" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	243.12	127.10
		<i>For Seal Class B, Add</i>	31.77	
		<i>For Seal Class A, Add</i>	67.79	
		<i>For Work In Restricted Working Space, Add</i>	63.55	
23 31 13 13-0652	LF	26" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	250.71	131.06
		<i>For Seal Class B, Add</i>	32.77	
		<i>For Seal Class A, Add</i>	69.90	
		<i>For Work In Restricted Working Space, Add</i>	65.54	
23 31 13 13-0653	LF	26" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	258.30	135.05
		<i>For Seal Class B, Add</i>	33.76	
		<i>For Seal Class A, Add</i>	72.02	
		<i>For Work In Restricted Working Space, Add</i>	67.52	
23 31 13 13-0654	LF	26" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	265.91	139.01
		<i>For Seal Class B, Add</i>	34.75	
		<i>For Seal Class A, Add</i>	74.14	
		<i>For Work In Restricted Working Space, Add</i>	69.50	
23 31 13 13-0655	LF	26" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	273.49	142.98
		<i>For Seal Class B, Add</i>	35.75	
		<i>For Seal Class A, Add</i>	76.26	
		<i>For Work In Restricted Working Space, Add</i>	71.49	
23 31 13 13-0656	LF	26" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	281.11	146.96
		<i>For Seal Class B, Add</i>	36.74	
		<i>For Seal Class A, Add</i>	78.38	
		<i>For Work In Restricted Working Space, Add</i>	73.48	
23 31 13 13-0657	LF	28" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	212.72	111.21
		<i>For Seal Class B, Add</i>	27.80	
		<i>For Seal Class A, Add</i>	59.31	
		<i>For Work In Restricted Working Space, Add</i>	55.61	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0658	LF	28" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	220.31 28.79 61.43 57.59	115.18
23 31 13	13-0659	LF	28" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	227.93 29.79 63.55 59.58	119.15
23 31 13	13-0660	LF	28" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	235.51 30.78 65.66 61.56	123.12
23 31 13	13-0661	LF	28" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	243.12 31.77 67.79 63.55	127.10
23 31 13	13-0662	LF	28" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	250.71 32.77 69.90 65.54	131.06
23 31 13	13-0663	LF	28" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	258.30 33.76 72.02 67.52	135.05
23 31 13	13-0664	LF	28" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	265.91 34.75 74.14 69.50	139.01
23 31 13	13-0665	LF	28" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	273.49 35.75 76.26 71.49	142.98
23 31 13	13-0666	LF	28" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	281.11 36.74 78.38 73.48	146.96
23 31 13	13-0667	LF	28" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	288.68 37.73 80.49 75.46	150.93
23 31 13	13-0668	LF	30" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	227.93 29.79 63.55 59.58	119.15
23 31 13	13-0669	LF	30" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	235.51 30.78 65.66 61.56	123.12
23 31 13	13-0670	LF	30" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	243.12 31.77 67.79 63.55	127.10
23 31 13	13-0671	LF	30" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	250.71 32.77 69.90 65.54	131.06
23 31 13	13-0672	LF	30" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	258.30 33.76 72.02 67.52	135.05
23 31 13	13-0673	LF	30" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	265.91 34.75 74.14 69.50	139.01
23 31 13	13-0674	LF	30" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	273.49 35.75 76.26 71.49	142.98
23 31 13	13-0675	LF	30" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	281.11 36.74 78.38 73.48	146.96
23 31 13	13-0676	LF	30" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	288.68 37.73 80.49 75.46	150.93
23 31 13	13-0677	LF	30" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	296.29 38.72 82.61 77.45	154.89
23 31 13	13-0678	LF	32" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	243.12 31.77 67.79 63.55	127.10
23 31 13	13-0679	LF	32" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	250.71 32.77 69.90 65.54	131.06

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts and Casings



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0680	LF	32" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	258.30	135.05
			<i>For Seal Class B, Add</i>	33.76	
			<i>For Seal Class A, Add</i>	72.02	
			<i>For Work In Restricted Working Space, Add</i>	67.52	
23 31 13	13-0681	LF	32" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	265.91	139.01
			<i>For Seal Class B, Add</i>	34.75	
			<i>For Seal Class A, Add</i>	74.14	
			<i>For Work In Restricted Working Space, Add</i>	69.50	
23 31 13	13-0682	LF	32" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	273.49	142.98
			<i>For Seal Class B, Add</i>	35.75	
			<i>For Seal Class A, Add</i>	76.26	
			<i>For Work In Restricted Working Space, Add</i>	71.49	
23 31 13	13-0683	LF	32" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	281.11	146.96
			<i>For Seal Class B, Add</i>	36.74	
			<i>For Seal Class A, Add</i>	78.38	
			<i>For Work In Restricted Working Space, Add</i>	73.48	
23 31 13	13-0684	LF	32" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	288.68	150.93
			<i>For Seal Class B, Add</i>	37.73	
			<i>For Seal Class A, Add</i>	80.49	
			<i>For Work In Restricted Working Space, Add</i>	75.46	
23 31 13	13-0685	LF	32" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	296.29	154.89
			<i>For Seal Class B, Add</i>	38.72	
			<i>For Seal Class A, Add</i>	82.61	
			<i>For Work In Restricted Working Space, Add</i>	77.45	
23 31 13	13-0686	LF	32" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	303.90	158.88
			<i>For Seal Class B, Add</i>	39.72	
			<i>For Seal Class A, Add</i>	84.73	
			<i>For Work In Restricted Working Space, Add</i>	79.44	
23 31 13	13-0687	LF	34" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	258.30	135.05
			<i>For Seal Class B, Add</i>	33.76	
			<i>For Seal Class A, Add</i>	72.02	
			<i>For Work In Restricted Working Space, Add</i>	67.52	
23 31 13	13-0688	LF	34" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	265.91	139.01
			<i>For Seal Class B, Add</i>	34.75	
			<i>For Seal Class A, Add</i>	74.14	
			<i>For Work In Restricted Working Space, Add</i>	69.50	
23 31 13	13-0689	LF	34" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	273.49	142.98
			<i>For Seal Class B, Add</i>	35.75	
			<i>For Seal Class A, Add</i>	76.26	
			<i>For Work In Restricted Working Space, Add</i>	71.49	
23 31 13	13-0690	LF	34" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	281.11	146.96
			<i>For Seal Class B, Add</i>	36.74	
			<i>For Seal Class A, Add</i>	78.38	
			<i>For Work In Restricted Working Space, Add</i>	73.48	
23 31 13	13-0691	LF	34" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	288.68	150.93
			<i>For Seal Class B, Add</i>	37.73	
			<i>For Seal Class A, Add</i>	80.49	
			<i>For Work In Restricted Working Space, Add</i>	75.46	
23 31 13	13-0692	LF	34" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	296.29	154.89
			<i>For Seal Class B, Add</i>	38.72	
			<i>For Seal Class A, Add</i>	82.61	
			<i>For Work In Restricted Working Space, Add</i>	77.45	
23 31 13	13-0693	LF	34" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	303.90	158.88
			<i>For Seal Class B, Add</i>	39.72	
			<i>For Seal Class A, Add</i>	84.73	
			<i>For Work In Restricted Working Space, Add</i>	79.44	
23 31 13	13-0694	LF	34" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	311.48	162.84
			<i>For Seal Class B, Add</i>	40.71	
			<i>For Seal Class A, Add</i>	86.85	
			<i>For Work In Restricted Working Space, Add</i>	81.42	
23 31 13	13-0695	LF	36" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	273.49	142.98
			<i>For Seal Class B, Add</i>	35.75	
			<i>For Seal Class A, Add</i>	76.26	
			<i>For Work In Restricted Working Space, Add</i>	71.49	
23 31 13	13-0696	LF	36" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	281.11	146.96
			<i>For Seal Class B, Add</i>	36.74	
			<i>For Seal Class A, Add</i>	78.38	
			<i>For Work In Restricted Working Space, Add</i>	73.48	
23 31 13	13-0697	LF	36" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	288.68	150.93
			<i>For Seal Class B, Add</i>	37.73	
			<i>For Seal Class A, Add</i>	80.49	
			<i>For Work In Restricted Working Space, Add</i>	75.46	
23 31 13	13-0698	LF	36" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	296.29	154.89
			<i>For Seal Class B, Add</i>	38.72	
			<i>For Seal Class A, Add</i>	82.61	
			<i>For Work In Restricted Working Space, Add</i>	77.45	
23 31 13	13-0699	LF	36" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	303.90	158.88
			<i>For Seal Class B, Add</i>	39.72	
			<i>For Seal Class A, Add</i>	84.73	
			<i>For Work In Restricted Working Space, Add</i>	79.44	
23 31 13	13-0700	LF	36" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	311.48	162.84
			<i>For Seal Class B, Add</i>	40.71	
			<i>For Seal Class A, Add</i>	86.85	
			<i>For Work In Restricted Working Space, Add</i>	81.42	
23 31 13	13-0701	LF	36" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	319.08	166.81
			<i>For Seal Class B, Add</i>	41.70	
			<i>For Seal Class A, Add</i>	88.97	
			<i>For Work In Restricted Working Space, Add</i>	83.41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0702	LF	38" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	288.68 37.73 80.49 75.46	150.93
23 31 13	13-0703	LF	38" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	296.29 38.72 82.61 77.45	154.89
23 31 13	13-0704	LF	38" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	303.90 39.72 84.73 79.44	158.88
23 31 13	13-0705	LF	38" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	311.48 40.71 86.85 81.42	162.84
23 31 13	13-0706	LF	38" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	319.08 41.70 88.97 83.41	166.81
23 31 13	13-0707	LF	38" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	326.69 42.70 91.08 85.39	170.79
23 31 13	13-0708	LF	38" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	334.29 43.69 93.21 87.38	174.76
23 31 13	13-0709	LF	40" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	303.90 39.72 84.73 79.44	158.88
23 31 13	13-0710	LF	40" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	311.48 40.71 86.85 81.42	162.84
23 31 13	13-0711	LF	40" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	319.08 41.70 88.97 83.41	166.81
23 31 13	13-0712	LF	40" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	326.69 42.70 91.08 85.39	170.79
23 31 13	13-0713	LF	40" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	334.29 43.69 93.21 87.38	174.76
23 31 13	13-0714	LF	40" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	341.88 44.68 95.32 89.36	178.72
23 31 13	13-0715	LF	40" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	349.47 45.68 97.44 91.35	182.71
23 31 13	13-0716	LF	40" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	357.06 46.67 99.56 93.33	186.67
23 31 13	13-0717	LF	40" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	364.68 47.66 101.68 95.32	190.65
23 31 13	13-0718	LF	42" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	319.08 41.70 88.97 83.41	166.81
23 31 13	13-0719	LF	42" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	326.69 42.70 91.08 85.39	170.79
23 31 13	13-0720	LF	42" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	334.29 43.69 93.21 87.38	174.76
23 31 13	13-0721	LF	42" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	341.88 44.68 95.32 89.36	178.72
23 31 13	13-0722	LF	42" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	349.47 45.68 97.44 91.35	182.71
23 31 13	13-0723	LF	42" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	357.06 46.67 99.56 93.33	186.67

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 31 13 13-0724	LF	42" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	364.68	190.65
		<i>For Seal Class B, Add</i>	47.66	
		<i>For Seal Class A, Add</i>	101.68	
		<i>For Work In Restricted Working Space, Add</i>	95.32	
23 31 13 13-0725	LF	42" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	372.26	194.62
		<i>For Seal Class B, Add</i>	48.65	
		<i>For Seal Class A, Add</i>	103.80	
		<i>For Work In Restricted Working Space, Add</i>	97.31	
23 31 13 13-0726	LF	44" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	334.29	174.76
		<i>For Seal Class B, Add</i>	43.69	
		<i>For Seal Class A, Add</i>	93.21	
		<i>For Work In Restricted Working Space, Add</i>	87.38	
23 31 13 13-0727	LF	44" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	341.88	178.72
		<i>For Seal Class B, Add</i>	44.68	
		<i>For Seal Class A, Add</i>	95.32	
		<i>For Work In Restricted Working Space, Add</i>	89.36	
23 31 13 13-0728	LF	44" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	349.47	182.71
		<i>For Seal Class B, Add</i>	45.68	
		<i>For Seal Class A, Add</i>	97.44	
		<i>For Work In Restricted Working Space, Add</i>	91.35	
23 31 13 13-0729	LF	44" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	357.06	186.67
		<i>For Seal Class B, Add</i>	46.67	
		<i>For Seal Class A, Add</i>	99.56	
		<i>For Work In Restricted Working Space, Add</i>	93.33	
23 31 13 13-0730	LF	44" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	364.68	190.65
		<i>For Seal Class B, Add</i>	47.66	
		<i>For Seal Class A, Add</i>	101.68	
		<i>For Work In Restricted Working Space, Add</i>	95.32	
23 31 13 13-0731	LF	44" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	372.26	194.62
		<i>For Seal Class B, Add</i>	48.65	
		<i>For Seal Class A, Add</i>	103.80	
		<i>For Work In Restricted Working Space, Add</i>	97.31	
23 31 13 13-0732	LF	44" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	379.87	198.59
		<i>For Seal Class B, Add</i>	49.65	
		<i>For Seal Class A, Add</i>	105.91	
		<i>For Work In Restricted Working Space, Add</i>	99.29	
23 31 13 13-0733	LF	46" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	349.47	182.71
		<i>For Seal Class B, Add</i>	45.68	
		<i>For Seal Class A, Add</i>	97.44	
		<i>For Work In Restricted Working Space, Add</i>	91.35	
23 31 13 13-0734	LF	46" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	357.06	186.67
		<i>For Seal Class B, Add</i>	46.67	
		<i>For Seal Class A, Add</i>	99.56	
		<i>For Work In Restricted Working Space, Add</i>	93.33	
23 31 13 13-0735	LF	46" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	364.68	190.65
		<i>For Seal Class B, Add</i>	47.66	
		<i>For Seal Class A, Add</i>	101.68	
		<i>For Work In Restricted Working Space, Add</i>	95.32	
23 31 13 13-0736	LF	46" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	372.26	194.62
		<i>For Seal Class B, Add</i>	48.65	
		<i>For Seal Class A, Add</i>	103.80	
		<i>For Work In Restricted Working Space, Add</i>	97.31	
23 31 13 13-0737	LF	46" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	379.87	198.59
		<i>For Seal Class B, Add</i>	49.65	
		<i>For Seal Class A, Add</i>	105.91	
		<i>For Work In Restricted Working Space, Add</i>	99.29	
23 31 13 13-0738	LF	46" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	394.09	206.54
		<i>For Seal Class B, Add</i>	51.63	
		<i>For Seal Class A, Add</i>	110.15	
		<i>For Work In Restricted Working Space, Add</i>	103.27	
23 31 13 13-0739	LF	46" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	401.68	210.50
		<i>For Seal Class B, Add</i>	52.63	
		<i>For Seal Class A, Add</i>	112.27	
		<i>For Work In Restricted Working Space, Add</i>	105.25	
23 31 13 13-0740	LF	48" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	364.68	190.65
		<i>For Seal Class B, Add</i>	47.66	
		<i>For Seal Class A, Add</i>	101.68	
		<i>For Work In Restricted Working Space, Add</i>	95.32	
23 31 13 13-0741	LF	48" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	372.26	194.62
		<i>For Seal Class B, Add</i>	48.65	
		<i>For Seal Class A, Add</i>	103.80	
		<i>For Work In Restricted Working Space, Add</i>	97.31	
23 31 13 13-0742	LF	48" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	379.87	198.59
		<i>For Seal Class B, Add</i>	49.65	
		<i>For Seal Class A, Add</i>	105.91	
		<i>For Work In Restricted Working Space, Add</i>	99.29	
23 31 13 13-0743	LF	48" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	387.47	202.56
		<i>For Seal Class B, Add</i>	50.64	
		<i>For Seal Class A, Add</i>	108.03	
		<i>For Work In Restricted Working Space, Add</i>	101.28	
23 31 13 13-0744	LF	48" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	395.06	206.54
		<i>For Seal Class B, Add</i>	51.63	
		<i>For Seal Class A, Add</i>	110.15	
		<i>For Work In Restricted Working Space, Add</i>	103.27	
23 31 13 13-0745	LF	48" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	402.66	210.50
		<i>For Seal Class B, Add</i>	52.63	
		<i>For Seal Class A, Add</i>	112.27	
		<i>For Work In Restricted Working Space, Add</i>	105.25	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0746	LF	48" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	410.24 53.62 114.38 107.24	214.48
23 31 13	13-0747	LF	50" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	379.87 49.65 105.91 99.29	198.59
23 31 13	13-0748	LF	50" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	387.47 50.64 108.03 101.28	202.56
23 31 13	13-0749	LF	50" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	395.06 51.63 110.15 103.27	206.54
23 31 13	13-0750	LF	50" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	402.66 52.63 112.27 105.25	210.50
23 31 13	13-0751	LF	50" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	410.24 53.62 114.38 107.24	214.48
23 31 13	13-0752	LF	50" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	417.84 54.61 116.50 109.22	218.45
23 31 13	13-0753	LF	52" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	395.06 51.63 110.15 103.27	206.54
23 31 13	13-0754	LF	52" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	402.66 52.63 112.27 105.25	210.50
23 31 13	13-0755	LF	52" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	410.24 53.62 114.38 107.24	214.48
23 31 13	13-0756	LF	52" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	417.84 54.61 116.50 109.22	218.45
23 31 13	13-0757	LF	52" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	425.46 55.61 118.62 111.21	222.42
23 31 13	13-0758	LF	54" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	410.24 53.62 114.38 107.24	214.48
23 31 13	13-0759	LF	54" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	417.84 54.61 116.50 109.22	218.45
23 31 13	13-0760	LF	54" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	425.46 55.61 118.62 111.21	222.42
23 31 13	13-0761	LF	54" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	433.04 56.60 120.74 113.20	226.39
23 31 13	13-0762	LF	54" x 62", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	440.65 57.59 122.86 115.18	230.36
23 31 13	13-0763	LF	54" x 64", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	448.23 58.58 124.98 117.17	234.33
23 31 13	13-0764	LF	56" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	425.46 55.61 118.62 111.21	222.42
23 31 13	13-0765	LF	56" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	433.04 56.60 120.74 113.20	226.39
23 31 13	13-0766	LF	56" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	440.65 57.59 122.86 115.18	230.36
23 31 13	13-0767	LF	56" x 62", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	448.23 58.58 124.98 117.17	234.33

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts and Casings



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 13-0768	LF 56" x 64", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	455.83 59.58 127.09 119.15	238.30
23 31 13 13-0769	LF 58" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	440.65 57.59 122.86 115.18	230.36
23 31 13 13-0770	LF 58" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	448.23 58.58 124.98 117.17	234.33
23 31 13 13-0771	LF 58" x 62", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	455.83 59.58 127.09 119.15	238.30
23 31 13 13-0772	LF 58" x 64", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	463.44 60.57 129.21 121.14	242.28
23 31 13 13-0773	LF 58" x 66", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	471.02 61.56 131.33 123.12	246.24
23 31 13 13-0774	LF 60" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	455.83 59.58 127.09 119.15	238.30
23 31 13 13-0775	LF 60" x 62", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	463.44 60.57 129.21 121.14	242.28
23 31 13 13-0776	LF 60" x 64", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	471.02 61.56 131.33 123.12	246.24
23 31 13 13-0777	LF 60" x 66", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	478.64 62.56 133.45 125.11	250.22
23 31 13 13-0778	LF 60" x 68", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	486.23 63.55 135.57 127.10	254.19
23 31 13 13-0779	LF 62" x 62", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	471.02 61.56 131.33 123.12	246.24
23 31 13 13-0780	LF 62" x 64", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	478.64 62.56 133.45 125.11	250.22
23 31 13 13-0781	LF 62" x 66", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	486.23 63.55 135.57 127.10	254.19
23 31 13 13-0782	LF 62" x 68", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	493.83 64.54 137.69 129.08	258.16
23 31 13 13-0783	LF 62" x 70", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	501.42 65.53 139.80 131.07	262.13
23 31 13 13-0784	LF 64" x 64", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	486.23 63.55 135.57 127.10	254.19
23 31 13 13-0785	LF 64" x 66", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	493.83 64.54 137.69 129.08	258.16
23 31 13 13-0786	LF 64" x 68", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	501.42 65.53 139.80 131.07	262.13
23 31 13 13-0787	LF 64" x 70", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	509.01 66.53 141.92 133.05	266.11
23 31 13 13-0788	LF 66" x 66", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	501.42 65.53 139.80 131.07	262.13
23 31 13 13-0789	LF 66" x 68", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	509.01 66.53 141.92 133.05	266.11

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0790	LF	66" x 70", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	516.60 67.52 144.04 135.04	270.07
23 31 13	13-0791	LF	66" x 72", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	524.22 68.51 146.16 137.03	274.05
23 31 13	13-0792	LF	68" x 68", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	516.60 67.52 144.04 135.04	270.07
23 31 13	13-0793	LF	68" x 70", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	524.22 68.51 146.16 137.03	274.05
23 31 13	13-0794	LF	68" x 72", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	531.80 69.51 148.28 139.01	278.02
23 31 13	13-0795	LF	68" x 74", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	539.41 70.50 150.40 141.00	281.99
23 31 13	13-0796	LF	70" x 70", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	531.80 69.51 148.28 139.01	278.02
23 31 13	13-0797	LF	70" x 72", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	539.41 70.50 150.40 141.00	281.99
23 31 13	13-0798	LF	70" x 74", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	547.01 71.49 152.52 142.98	285.96
23 31 13	13-0799	LF	70" x 76", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	554.60 72.48 154.63 144.97	289.94
23 31 13	13-0800	LF	70" x 78", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	562.20 73.48 156.75 146.96	293.90
23 31 13	13-0801	LF	70" x 80", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	569.78 74.47 158.87 148.94	297.88
23 31 13	13-0802	LF	70" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	577.40 75.46 160.99 150.93	301.85
23 31 13	13-0803	LF	70" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	585.00 76.46 163.11 152.91	305.83
23 31 13	13-0804	LF	72" x 72", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	547.01 71.49 152.52 142.98	285.96
23 31 13	13-0805	LF	72" x 74", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	554.60 72.48 154.63 144.97	289.94
23 31 13	13-0806	LF	72" x 76", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	562.20 73.48 156.75 146.96	293.90
23 31 13	13-0807	LF	72" x 78", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	569.78 74.47 158.87 148.94	297.88
23 31 13	13-0808	LF	72" x 80", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	577.40 75.46 160.99 150.93	301.85
23 31 13	13-0809	LF	72" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	585.00 76.46 163.11 152.91	305.83
23 31 13	13-0810	LF	72" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	592.59 77.45 165.23 154.90	309.79
23 31 13	13-0811	LF	74" x 74", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	562.20 73.48 156.75 146.96	293.90

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 31 13 13-0812	LF	74" x 76", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	569.78	297.88
		<i>For Seal Class B, Add</i>	74.47	
		<i>For Seal Class A, Add</i>	158.87	
		<i>For Work In Restricted Working Space, Add</i>	148.94	
23 31 13 13-0813	LF	74" x 78", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	577.40	301.85
		<i>For Seal Class B, Add</i>	75.46	
		<i>For Seal Class A, Add</i>	160.99	
		<i>For Work In Restricted Working Space, Add</i>	150.93	
23 31 13 13-0814	LF	74" x 80", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	585.00	305.83
		<i>For Seal Class B, Add</i>	76.46	
		<i>For Seal Class A, Add</i>	163.11	
		<i>For Work In Restricted Working Space, Add</i>	152.91	
23 31 13 13-0815	LF	74" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	592.59	309.79
		<i>For Seal Class B, Add</i>	77.45	
		<i>For Seal Class A, Add</i>	165.23	
		<i>For Work In Restricted Working Space, Add</i>	154.90	
23 31 13 13-0816	LF	74" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	600.19	313.77
		<i>For Seal Class B, Add</i>	78.44	
		<i>For Seal Class A, Add</i>	167.34	
		<i>For Work In Restricted Working Space, Add</i>	156.89	
23 31 13 13-0817	LF	76" x 76", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	577.40	301.85
		<i>For Seal Class B, Add</i>	75.46	
		<i>For Seal Class A, Add</i>	160.99	
		<i>For Work In Restricted Working Space, Add</i>	150.93	
23 31 13 13-0818	LF	76" x 78", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	585.00	305.83
		<i>For Seal Class B, Add</i>	76.46	
		<i>For Seal Class A, Add</i>	163.11	
		<i>For Work In Restricted Working Space, Add</i>	152.91	
23 31 13 13-0819	LF	76" x 80", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	592.59	309.79
		<i>For Seal Class B, Add</i>	77.45	
		<i>For Seal Class A, Add</i>	165.23	
		<i>For Work In Restricted Working Space, Add</i>	154.90	
23 31 13 13-0820	LF	76" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	600.19	313.77
		<i>For Seal Class B, Add</i>	78.44	
		<i>For Seal Class A, Add</i>	167.34	
		<i>For Work In Restricted Working Space, Add</i>	156.89	
23 31 13 13-0821	LF	76" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	607.77	317.74
		<i>For Seal Class B, Add</i>	79.43	
		<i>For Seal Class A, Add</i>	169.46	
		<i>For Work In Restricted Working Space, Add</i>	158.87	
23 31 13 13-0822	LF	78" x 78", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	592.59	309.79
		<i>For Seal Class B, Add</i>	77.45	
		<i>For Seal Class A, Add</i>	165.23	
		<i>For Work In Restricted Working Space, Add</i>	154.90	
23 31 13 13-0823	LF	78" x 80", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	600.19	313.77
		<i>For Seal Class B, Add</i>	78.44	
		<i>For Seal Class A, Add</i>	167.34	
		<i>For Work In Restricted Working Space, Add</i>	156.89	
23 31 13 13-0824	LF	78" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	607.77	317.74
		<i>For Seal Class B, Add</i>	79.43	
		<i>For Seal Class A, Add</i>	169.46	
		<i>For Work In Restricted Working Space, Add</i>	158.87	
23 31 13 13-0825	LF	78" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	615.38	321.71
		<i>For Seal Class B, Add</i>	80.43	
		<i>For Seal Class A, Add</i>	171.58	
		<i>For Work In Restricted Working Space, Add</i>	160.86	
23 31 13 13-0826	LF	80" x 80", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	607.77	317.74
		<i>For Seal Class B, Add</i>	79.43	
		<i>For Seal Class A, Add</i>	169.46	
		<i>For Work In Restricted Working Space, Add</i>	158.87	
23 31 13 13-0827	LF	80" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	615.38	321.71
		<i>For Seal Class B, Add</i>	80.43	
		<i>For Seal Class A, Add</i>	171.58	
		<i>For Work In Restricted Working Space, Add</i>	160.86	
23 31 13 13-0828	LF	80" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	622.98	325.68
		<i>For Seal Class B, Add</i>	81.42	
		<i>For Seal Class A, Add</i>	173.70	
		<i>For Work In Restricted Working Space, Add</i>	162.84	
23 31 13 13-0829	LF	82" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	622.98	325.68
		<i>For Seal Class B, Add</i>	81.42	
		<i>For Seal Class A, Add</i>	173.70	
		<i>For Work In Restricted Working Space, Add</i>	162.84	
23 31 13 13-0830	LF	82" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	630.57	329.66
		<i>For Seal Class B, Add</i>	82.41	
		<i>For Seal Class A, Add</i>	175.82	
		<i>For Work In Restricted Working Space, Add</i>	164.83	
23 31 13 13-0831	LF	84" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	638.17	333.62
		<i>For Seal Class B, Add</i>	83.41	
		<i>For Seal Class A, Add</i>	177.93	
		<i>For Work In Restricted Working Space, Add</i>	166.81	
23 31 13 13-0832		18 Gauge Galvanized Steel Metal Ductwork (23 31 13 13-0014)		
23 31 13 13-0833	LF	4" x 4", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	39.58	20.68
		<i>For Seal Class B, Add</i>	5.17	
		<i>For Seal Class A, Add</i>	11.03	
		<i>For Work In Restricted Working Space, Add</i>	10.34	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0834	LF	4" x 6", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	49.45	25.85
			For Seal Class B, Add	6.46	
			For Seal Class A, Add	13.79	
			For Work In Restricted Working Space, Add	12.93	
23 31 13	13-0835	LF	4" x 8", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	59.34	31.03
			For Seal Class B, Add	7.76	
			For Seal Class A, Add	16.55	
			For Work In Restricted Working Space, Add	15.51	
23 31 13	13-0836	LF	4" x 10", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	69.23	36.20
			For Seal Class B, Add	9.05	
			For Seal Class A, Add	19.31	
			For Work In Restricted Working Space, Add	18.10	
23 31 13	13-0837	LF	4" x 12", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	79.13	41.37
			For Seal Class B, Add	10.34	
			For Seal Class A, Add	22.06	
			For Work In Restricted Working Space, Add	20.68	
23 31 13	13-0838	LF	4" x 14", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	89.02	46.54
			For Seal Class B, Add	11.63	
			For Seal Class A, Add	24.82	
			For Work In Restricted Working Space, Add	23.27	
23 31 13	13-0839	LF	4" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	98.91	51.71
			For Seal Class B, Add	12.93	
			For Seal Class A, Add	27.58	
			For Work In Restricted Working Space, Add	25.85	
23 31 13	13-0840	LF	6" x 6", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	59.34	31.03
			For Seal Class B, Add	7.76	
			For Seal Class A, Add	16.55	
			For Work In Restricted Working Space, Add	15.51	
23 31 13	13-0841	LF	6" x 8", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	69.23	36.20
			For Seal Class B, Add	9.05	
			For Seal Class A, Add	19.31	
			For Work In Restricted Working Space, Add	18.10	
23 31 13	13-0842	LF	6" x 10", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	79.13	41.37
			For Seal Class B, Add	10.34	
			For Seal Class A, Add	22.06	
			For Work In Restricted Working Space, Add	20.68	
23 31 13	13-0843	LF	6" x 12", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	89.02	46.54
			For Seal Class B, Add	11.63	
			For Seal Class A, Add	24.82	
			For Work In Restricted Working Space, Add	23.27	
23 31 13	13-0844	LF	6" x 14", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	98.91	51.71
			For Seal Class B, Add	12.93	
			For Seal Class A, Add	27.58	
			For Work In Restricted Working Space, Add	25.85	
23 31 13	13-0845	LF	6" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	108.81	56.88
			For Seal Class B, Add	14.22	
			For Seal Class A, Add	30.34	
			For Work In Restricted Working Space, Add	28.44	
23 31 13	13-0846	LF	8" x 8", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	79.13	41.37
			For Seal Class B, Add	10.34	
			For Seal Class A, Add	22.06	
			For Work In Restricted Working Space, Add	20.68	
23 31 13	13-0847	LF	8" x 10", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	89.02	46.54
			For Seal Class B, Add	11.63	
			For Seal Class A, Add	24.82	
			For Work In Restricted Working Space, Add	23.27	
23 31 13	13-0848	LF	8" x 12", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	98.91	51.71
			For Seal Class B, Add	12.93	
			For Seal Class A, Add	27.58	
			For Work In Restricted Working Space, Add	25.85	
23 31 13	13-0849	LF	8" x 14", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	108.81	56.88
			For Seal Class B, Add	14.22	
			For Seal Class A, Add	30.34	
			For Work In Restricted Working Space, Add	28.44	
23 31 13	13-0850	LF	8" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	118.69	62.05
			For Seal Class B, Add	15.51	
			For Seal Class A, Add	33.09	
			For Work In Restricted Working Space, Add	31.03	
23 31 13	13-0851	LF	8" x 18", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	128.59	67.22
			For Seal Class B, Add	16.81	
			For Seal Class A, Add	35.85	
			For Work In Restricted Working Space, Add	33.61	
23 31 13	13-0852	LF	8" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	138.47	72.39
			For Seal Class B, Add	18.10	
			For Seal Class A, Add	38.61	
			For Work In Restricted Working Space, Add	36.20	
23 31 13	13-0853	LF	8" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	148.36	77.56
			For Seal Class B, Add	19.39	
			For Seal Class A, Add	41.37	
			For Work In Restricted Working Space, Add	38.78	
23 31 13	13-0854	LF	8" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	158.25	82.73
			For Seal Class B, Add	20.68	
			For Seal Class A, Add	44.12	
			For Work In Restricted Working Space, Add	41.37	
23 31 13	13-0855	LF	10" x 10", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	98.91	51.71
			For Seal Class B, Add	12.93	
			For Seal Class A, Add	27.58	
			For Work In Restricted Working Space, Add	25.85	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts and Casings



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 31 13 13-0856	LF	10" x 12", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	108.81	56.88
		<i>For Seal Class B, Add</i>	14.22	
		<i>For Seal Class A, Add</i>	30.34	
		<i>For Work In Restricted Working Space, Add</i>	28.44	
23 31 13 13-0857	LF	10" x 14", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	118.69	62.05
		<i>For Seal Class B, Add</i>	15.51	
		<i>For Seal Class A, Add</i>	33.09	
		<i>For Work In Restricted Working Space, Add</i>	31.03	
23 31 13 13-0858	LF	10" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	128.59	67.22
		<i>For Seal Class B, Add</i>	16.81	
		<i>For Seal Class A, Add</i>	35.85	
		<i>For Work In Restricted Working Space, Add</i>	33.61	
23 31 13 13-0859	LF	10" x 18", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	138.47	72.39
		<i>For Seal Class B, Add</i>	18.10	
		<i>For Seal Class A, Add</i>	38.61	
		<i>For Work In Restricted Working Space, Add</i>	36.20	
23 31 13 13-0860	LF	10" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	148.36	77.56
		<i>For Seal Class B, Add</i>	19.39	
		<i>For Seal Class A, Add</i>	41.37	
		<i>For Work In Restricted Working Space, Add</i>	38.78	
23 31 13 13-0861	LF	10" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	158.25	82.73
		<i>For Seal Class B, Add</i>	20.68	
		<i>For Seal Class A, Add</i>	44.12	
		<i>For Work In Restricted Working Space, Add</i>	41.37	
23 31 13 13-0862	LF	10" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	168.14	87.91
		<i>For Seal Class B, Add</i>	21.98	
		<i>For Seal Class A, Add</i>	46.88	
		<i>For Work In Restricted Working Space, Add</i>	43.95	
23 31 13 13-0863	LF	10" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	178.05	93.08
		<i>For Seal Class B, Add</i>	23.27	
		<i>For Seal Class A, Add</i>	49.64	
		<i>For Work In Restricted Working Space, Add</i>	46.54	
23 31 13 13-0864	LF	10" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	187.94	98.25
		<i>For Seal Class B, Add</i>	24.56	
		<i>For Seal Class A, Add</i>	52.40	
		<i>For Work In Restricted Working Space, Add</i>	49.13	
23 31 13 13-0865	LF	10" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	197.83	103.42
		<i>For Seal Class B, Add</i>	25.86	
		<i>For Seal Class A, Add</i>	55.16	
		<i>For Work In Restricted Working Space, Add</i>	51.71	
23 31 13 13-0866	LF	10" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	207.71	108.59
		<i>For Seal Class B, Add</i>	27.15	
		<i>For Seal Class A, Add</i>	57.91	
		<i>For Work In Restricted Working Space, Add</i>	54.29	
23 31 13 13-0867	LF	12" x 12", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	118.69	62.05
		<i>For Seal Class B, Add</i>	15.51	
		<i>For Seal Class A, Add</i>	33.09	
		<i>For Work In Restricted Working Space, Add</i>	31.03	
23 31 13 13-0868	LF	12" x 14", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	128.59	67.22
		<i>For Seal Class B, Add</i>	16.81	
		<i>For Seal Class A, Add</i>	35.85	
		<i>For Work In Restricted Working Space, Add</i>	33.61	
23 31 13 13-0869	LF	12" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	138.47	72.39
		<i>For Seal Class B, Add</i>	18.10	
		<i>For Seal Class A, Add</i>	38.61	
		<i>For Work In Restricted Working Space, Add</i>	36.20	
23 31 13 13-0870	LF	12" x 18", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	148.36	77.56
		<i>For Seal Class B, Add</i>	19.39	
		<i>For Seal Class A, Add</i>	41.37	
		<i>For Work In Restricted Working Space, Add</i>	38.78	
23 31 13 13-0871	LF	12" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	158.25	82.73
		<i>For Seal Class B, Add</i>	20.68	
		<i>For Seal Class A, Add</i>	44.12	
		<i>For Work In Restricted Working Space, Add</i>	41.37	
23 31 13 13-0872	LF	12" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	168.14	87.91
		<i>For Seal Class B, Add</i>	21.98	
		<i>For Seal Class A, Add</i>	46.88	
		<i>For Work In Restricted Working Space, Add</i>	43.95	
23 31 13 13-0873	LF	12" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	178.05	93.08
		<i>For Seal Class B, Add</i>	23.27	
		<i>For Seal Class A, Add</i>	49.64	
		<i>For Work In Restricted Working Space, Add</i>	46.54	
23 31 13 13-0874	LF	12" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	187.94	98.25
		<i>For Seal Class B, Add</i>	24.56	
		<i>For Seal Class A, Add</i>	52.40	
		<i>For Work In Restricted Working Space, Add</i>	49.13	
23 31 13 13-0875	LF	12" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	197.83	103.42
		<i>For Seal Class B, Add</i>	25.86	
		<i>For Seal Class A, Add</i>	55.16	
		<i>For Work In Restricted Working Space, Add</i>	51.71	
23 31 13 13-0876	LF	12" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	207.71	108.59
		<i>For Seal Class B, Add</i>	27.15	
		<i>For Seal Class A, Add</i>	57.91	
		<i>For Work In Restricted Working Space, Add</i>	54.29	
23 31 13 13-0877	LF	12" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	217.58	113.76
		<i>For Seal Class B, Add</i>	28.44	
		<i>For Seal Class A, Add</i>	60.67	
		<i>For Work In Restricted Working Space, Add</i>	56.88	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0878	LF	12" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	227.50	118.93
			<i>For Seal Class B, Add</i>	29.73	
			<i>For Seal Class A, Add</i>	63.43	
			<i>For Work In Restricted Working Space, Add</i>	59.47	
23 31 13	13-0879	LF	12" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	237.39	124.10
			<i>For Seal Class B, Add</i>	31.03	
			<i>For Seal Class A, Add</i>	66.19	
			<i>For Work In Restricted Working Space, Add</i>	62.05	
23 31 13	13-0880	LF	14" x 14", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	138.47	72.39
			<i>For Seal Class B, Add</i>	18.10	
			<i>For Seal Class A, Add</i>	38.61	
			<i>For Work In Restricted Working Space, Add</i>	36.20	
23 31 13	13-0881	LF	14" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	148.36	77.56
			<i>For Seal Class B, Add</i>	19.39	
			<i>For Seal Class A, Add</i>	41.37	
			<i>For Work In Restricted Working Space, Add</i>	38.78	
23 31 13	13-0882	LF	14" x 18", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	158.25	82.73
			<i>For Seal Class B, Add</i>	20.68	
			<i>For Seal Class A, Add</i>	44.12	
			<i>For Work In Restricted Working Space, Add</i>	41.37	
23 31 13	13-0883	LF	14" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	168.14	87.91
			<i>For Seal Class B, Add</i>	21.98	
			<i>For Seal Class A, Add</i>	46.88	
			<i>For Work In Restricted Working Space, Add</i>	43.95	
23 31 13	13-0884	LF	14" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	178.05	93.08
			<i>For Seal Class B, Add</i>	23.27	
			<i>For Seal Class A, Add</i>	49.64	
			<i>For Work In Restricted Working Space, Add</i>	46.54	
23 31 13	13-0885	LF	14" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	187.94	98.25
			<i>For Seal Class B, Add</i>	24.56	
			<i>For Seal Class A, Add</i>	52.40	
			<i>For Work In Restricted Working Space, Add</i>	49.13	
23 31 13	13-0886	LF	14" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	197.83	103.42
			<i>For Seal Class B, Add</i>	25.86	
			<i>For Seal Class A, Add</i>	55.16	
			<i>For Work In Restricted Working Space, Add</i>	51.71	
23 31 13	13-0887	LF	14" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	207.71	108.59
			<i>For Seal Class B, Add</i>	27.15	
			<i>For Seal Class A, Add</i>	57.91	
			<i>For Work In Restricted Working Space, Add</i>	54.29	
23 31 13	13-0888	LF	14" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	217.58	113.76
			<i>For Seal Class B, Add</i>	28.44	
			<i>For Seal Class A, Add</i>	60.67	
			<i>For Work In Restricted Working Space, Add</i>	56.88	
23 31 13	13-0889	LF	14" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	227.50	118.93
			<i>For Seal Class B, Add</i>	29.73	
			<i>For Seal Class A, Add</i>	63.43	
			<i>For Work In Restricted Working Space, Add</i>	59.47	
23 31 13	13-0890	LF	14" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	237.39	124.10
			<i>For Seal Class B, Add</i>	31.03	
			<i>For Seal Class A, Add</i>	66.19	
			<i>For Work In Restricted Working Space, Add</i>	62.05	
23 31 13	13-0891	LF	14" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	247.28	129.27
			<i>For Seal Class B, Add</i>	32.32	
			<i>For Seal Class A, Add</i>	68.95	
			<i>For Work In Restricted Working Space, Add</i>	64.64	
23 31 13	13-0892	LF	16" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	158.25	82.73
			<i>For Seal Class B, Add</i>	20.68	
			<i>For Seal Class A, Add</i>	44.12	
			<i>For Work In Restricted Working Space, Add</i>	41.37	
23 31 13	13-0893	LF	16" x 18", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	168.14	87.91
			<i>For Seal Class B, Add</i>	21.98	
			<i>For Seal Class A, Add</i>	46.88	
			<i>For Work In Restricted Working Space, Add</i>	43.95	
23 31 13	13-0894	LF	16" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	178.05	93.08
			<i>For Seal Class B, Add</i>	23.27	
			<i>For Seal Class A, Add</i>	49.64	
			<i>For Work In Restricted Working Space, Add</i>	46.54	
23 31 13	13-0895	LF	16" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	187.94	98.25
			<i>For Seal Class B, Add</i>	24.56	
			<i>For Seal Class A, Add</i>	52.40	
			<i>For Work In Restricted Working Space, Add</i>	49.13	
23 31 13	13-0896	LF	16" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	197.83	103.42
			<i>For Seal Class B, Add</i>	25.86	
			<i>For Seal Class A, Add</i>	55.16	
			<i>For Work In Restricted Working Space, Add</i>	51.71	
23 31 13	13-0897	LF	16" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	207.71	108.59
			<i>For Seal Class B, Add</i>	27.15	
			<i>For Seal Class A, Add</i>	57.91	
			<i>For Work In Restricted Working Space, Add</i>	54.29	
23 31 13	13-0898	LF	16" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	217.58	113.76
			<i>For Seal Class B, Add</i>	28.44	
			<i>For Seal Class A, Add</i>	60.67	
			<i>For Work In Restricted Working Space, Add</i>	56.88	
23 31 13	13-0899	LF	16" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	227.50	118.93
			<i>For Seal Class B, Add</i>	29.73	
			<i>For Seal Class A, Add</i>	63.43	
			<i>For Work In Restricted Working Space, Add</i>	59.47	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 31 13 13-0900	LF	16" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	237.39	124.10
		<i>For Seal Class B, Add</i>	31.03	
		<i>For Seal Class A, Add</i>	66.19	
		<i>For Work In Restricted Working Space, Add</i>	62.05	
23 31 13 13-0901	LF	16" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	247.28	129.27
		<i>For Seal Class B, Add</i>	32.32	
		<i>For Seal Class A, Add</i>	68.95	
		<i>For Work In Restricted Working Space, Add</i>	64.64	
23 31 13 13-0902	LF	16" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	257.16	134.44
		<i>For Seal Class B, Add</i>	33.61	
		<i>For Seal Class A, Add</i>	71.70	
		<i>For Work In Restricted Working Space, Add</i>	67.22	
23 31 13 13-0903	LF	16" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	267.06	139.61
		<i>For Seal Class B, Add</i>	34.91	
		<i>For Seal Class A, Add</i>	74.46	
		<i>For Work In Restricted Working Space, Add</i>	69.81	
23 31 13 13-0904	LF	16" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	276.96	144.79
		<i>For Seal Class B, Add</i>	36.20	
		<i>For Seal Class A, Add</i>	77.22	
		<i>For Work In Restricted Working Space, Add</i>	72.39	
23 31 13 13-0905	LF	16" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	286.84	149.96
		<i>For Seal Class B, Add</i>	37.49	
		<i>For Seal Class A, Add</i>	79.97	
		<i>For Work In Restricted Working Space, Add</i>	74.98	
23 31 13 13-0906	LF	16" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	296.74	155.13
		<i>For Seal Class B, Add</i>	38.78	
		<i>For Seal Class A, Add</i>	82.74	
		<i>For Work In Restricted Working Space, Add</i>	77.57	
23 31 13 13-0907	LF	18" x 18", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	178.05	93.08
		<i>For Seal Class B, Add</i>	23.27	
		<i>For Seal Class A, Add</i>	49.64	
		<i>For Work In Restricted Working Space, Add</i>	46.54	
23 31 13 13-0908	LF	18" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	187.94	98.25
		<i>For Seal Class B, Add</i>	24.56	
		<i>For Seal Class A, Add</i>	52.40	
		<i>For Work In Restricted Working Space, Add</i>	49.13	
23 31 13 13-0909	LF	18" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	197.83	103.42
		<i>For Seal Class B, Add</i>	25.86	
		<i>For Seal Class A, Add</i>	55.16	
		<i>For Work In Restricted Working Space, Add</i>	51.71	
23 31 13 13-0910	LF	18" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	207.71	108.59
		<i>For Seal Class B, Add</i>	27.15	
		<i>For Seal Class A, Add</i>	57.91	
		<i>For Work In Restricted Working Space, Add</i>	54.29	
23 31 13 13-0911	LF	18" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	217.58	113.76
		<i>For Seal Class B, Add</i>	28.44	
		<i>For Seal Class A, Add</i>	60.67	
		<i>For Work In Restricted Working Space, Add</i>	56.88	
23 31 13 13-0912	LF	18" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	227.50	118.93
		<i>For Seal Class B, Add</i>	29.73	
		<i>For Seal Class A, Add</i>	63.43	
		<i>For Work In Restricted Working Space, Add</i>	59.47	
23 31 13 13-0913	LF	18" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	237.39	124.10
		<i>For Seal Class B, Add</i>	31.03	
		<i>For Seal Class A, Add</i>	66.19	
		<i>For Work In Restricted Working Space, Add</i>	62.05	
23 31 13 13-0914	LF	18" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	247.28	129.27
		<i>For Seal Class B, Add</i>	32.32	
		<i>For Seal Class A, Add</i>	68.95	
		<i>For Work In Restricted Working Space, Add</i>	64.64	
23 31 13 13-0915	LF	18" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	257.16	134.44
		<i>For Seal Class B, Add</i>	33.61	
		<i>For Seal Class A, Add</i>	71.70	
		<i>For Work In Restricted Working Space, Add</i>	67.22	
23 31 13 13-0916	LF	18" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	267.06	139.61
		<i>For Seal Class B, Add</i>	34.91	
		<i>For Seal Class A, Add</i>	74.46	
		<i>For Work In Restricted Working Space, Add</i>	69.81	
23 31 13 13-0917	LF	18" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	276.96	144.79
		<i>For Seal Class B, Add</i>	36.20	
		<i>For Seal Class A, Add</i>	77.22	
		<i>For Work In Restricted Working Space, Add</i>	72.39	
23 31 13 13-0918	LF	18" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	286.84	149.96
		<i>For Seal Class B, Add</i>	37.49	
		<i>For Seal Class A, Add</i>	79.97	
		<i>For Work In Restricted Working Space, Add</i>	74.98	
23 31 13 13-0919	LF	18" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	296.74	155.13
		<i>For Seal Class B, Add</i>	38.78	
		<i>For Seal Class A, Add</i>	82.74	
		<i>For Work In Restricted Working Space, Add</i>	77.57	
23 31 13 13-0920	LF	18" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	306.62	160.30
		<i>For Seal Class B, Add</i>	40.08	
		<i>For Seal Class A, Add</i>	85.49	
		<i>For Work In Restricted Working Space, Add</i>	80.15	
23 31 13 13-0921	LF	18" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	316.53	165.47
		<i>For Seal Class B, Add</i>	41.37	
		<i>For Seal Class A, Add</i>	88.25	
		<i>For Work In Restricted Working Space, Add</i>	82.74	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0922	LF	20" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	197.83 25.86 55.16 51.71	103.42
23 31 13	13-0923	LF	20" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	207.71 27.15 57.91 54.29	108.59
23 31 13	13-0924	LF	20" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	217.58 28.44 60.67 56.88	113.76
23 31 13	13-0925	LF	20" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	227.50 29.73 63.43 59.47	118.93
23 31 13	13-0926	LF	20" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	237.39 31.03 66.19 62.05	124.10
23 31 13	13-0927	LF	20" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	247.28 32.32 68.95 64.64	129.27
23 31 13	13-0928	LF	20" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	257.16 33.61 71.70 67.22	134.44
23 31 13	13-0929	LF	20" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	267.06 34.91 74.46 69.81	139.61
23 31 13	13-0930	LF	20" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	276.96 36.20 77.22 72.39	144.79
23 31 13	13-0931	LF	20" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	286.84 37.49 79.97 74.98	149.96
23 31 13	13-0932	LF	20" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	296.74 38.78 82.74 77.57	155.13
23 31 13	13-0933	LF	20" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	306.62 40.08 85.49 80.15	160.30
23 31 13	13-0934	LF	20" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	316.53 41.37 88.25 82.74	165.47
23 31 13	13-0935	LF	20" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	326.41 42.66 91.01 85.32	170.64
23 31 13	13-0936	LF	20" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	336.30 43.95 93.77 87.91	175.81
23 31 13	13-0937	LF	22" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	217.58 28.44 60.67 56.88	113.76
23 31 13	13-0938	LF	22" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	227.50 29.73 63.43 59.47	118.93
23 31 13	13-0939	LF	22" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	237.39 31.03 66.19 62.05	124.10
23 31 13	13-0940	LF	22" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	247.28 32.32 68.95 64.64	129.27
23 31 13	13-0941	LF	22" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	257.16 33.61 71.70 67.22	134.44
23 31 13	13-0942	LF	22" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	267.06 34.91 74.46 69.81	139.61
23 31 13	13-0943	LF	22" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	276.96 36.20 77.22 72.39	144.79

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts and Casings



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 13-0944	LF 22" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	286.84	149.96
	<i>For Seal Class B, Add</i>	37.49	
	<i>For Seal Class A, Add</i>	79.97	
	<i>For Work In Restricted Working Space, Add</i>	74.98	
23 31 13 13-0945	LF 22" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	296.74	155.13
	<i>For Seal Class B, Add</i>	38.78	
	<i>For Seal Class A, Add</i>	82.74	
	<i>For Work In Restricted Working Space, Add</i>	77.57	
23 31 13 13-0946	LF 22" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	306.62	160.30
	<i>For Seal Class B, Add</i>	40.08	
	<i>For Seal Class A, Add</i>	85.49	
	<i>For Work In Restricted Working Space, Add</i>	80.15	
23 31 13 13-0947	LF 22" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	316.53	165.47
	<i>For Seal Class B, Add</i>	41.37	
	<i>For Seal Class A, Add</i>	88.25	
	<i>For Work In Restricted Working Space, Add</i>	82.74	
23 31 13 13-0948	LF 22" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	326.41	170.64
	<i>For Seal Class B, Add</i>	42.66	
	<i>For Seal Class A, Add</i>	91.01	
	<i>For Work In Restricted Working Space, Add</i>	85.32	
23 31 13 13-0949	LF 22" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	336.30	175.81
	<i>For Seal Class B, Add</i>	43.95	
	<i>For Seal Class A, Add</i>	93.77	
	<i>For Work In Restricted Working Space, Add</i>	87.91	
23 31 13 13-0950	LF 22" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	346.19	180.98
	<i>For Seal Class B, Add</i>	45.25	
	<i>For Seal Class A, Add</i>	96.52	
	<i>For Work In Restricted Working Space, Add</i>	90.49	
23 31 13 13-0951	LF 24" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	237.39	124.10
	<i>For Seal Class B, Add</i>	31.03	
	<i>For Seal Class A, Add</i>	66.19	
	<i>For Work In Restricted Working Space, Add</i>	62.05	
23 31 13 13-0952	LF 24" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	247.28	129.27
	<i>For Seal Class B, Add</i>	32.32	
	<i>For Seal Class A, Add</i>	68.95	
	<i>For Work In Restricted Working Space, Add</i>	64.64	
23 31 13 13-0953	LF 24" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	257.16	134.44
	<i>For Seal Class B, Add</i>	33.61	
	<i>For Seal Class A, Add</i>	71.70	
	<i>For Work In Restricted Working Space, Add</i>	67.22	
23 31 13 13-0954	LF 24" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	267.06	139.61
	<i>For Seal Class B, Add</i>	34.91	
	<i>For Seal Class A, Add</i>	74.46	
	<i>For Work In Restricted Working Space, Add</i>	69.81	
23 31 13 13-0955	LF 24" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	276.96	144.79
	<i>For Seal Class B, Add</i>	36.20	
	<i>For Seal Class A, Add</i>	77.22	
	<i>For Work In Restricted Working Space, Add</i>	72.39	
23 31 13 13-0956	LF 24" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	286.84	149.96
	<i>For Seal Class B, Add</i>	37.49	
	<i>For Seal Class A, Add</i>	79.97	
	<i>For Work In Restricted Working Space, Add</i>	74.98	
23 31 13 13-0957	LF 24" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	296.74	155.13
	<i>For Seal Class B, Add</i>	38.78	
	<i>For Seal Class A, Add</i>	82.74	
	<i>For Work In Restricted Working Space, Add</i>	77.57	
23 31 13 13-0958	LF 24" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	306.62	160.30
	<i>For Seal Class B, Add</i>	40.08	
	<i>For Seal Class A, Add</i>	85.49	
	<i>For Work In Restricted Working Space, Add</i>	80.15	
23 31 13 13-0959	LF 24" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	316.53	165.47
	<i>For Seal Class B, Add</i>	41.37	
	<i>For Seal Class A, Add</i>	88.25	
	<i>For Work In Restricted Working Space, Add</i>	82.74	
23 31 13 13-0960	LF 24" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	326.41	170.64
	<i>For Seal Class B, Add</i>	42.66	
	<i>For Seal Class A, Add</i>	91.01	
	<i>For Work In Restricted Working Space, Add</i>	85.32	
23 31 13 13-0961	LF 24" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	336.30	175.81
	<i>For Seal Class B, Add</i>	43.95	
	<i>For Seal Class A, Add</i>	93.77	
	<i>For Work In Restricted Working Space, Add</i>	87.91	
23 31 13 13-0962	LF 24" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	346.19	180.98
	<i>For Seal Class B, Add</i>	45.25	
	<i>For Seal Class A, Add</i>	96.52	
	<i>For Work In Restricted Working Space, Add</i>	90.49	
23 31 13 13-0963	LF 24" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	356.07	186.15
	<i>For Seal Class B, Add</i>	46.54	
	<i>For Seal Class A, Add</i>	99.28	
	<i>For Work In Restricted Working Space, Add</i>	93.08	
23 31 13 13-0964	LF 26" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	257.16	134.44
	<i>For Seal Class B, Add</i>	33.61	
	<i>For Seal Class A, Add</i>	71.70	
	<i>For Work In Restricted Working Space, Add</i>	67.22	
23 31 13 13-0965	LF 26" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	267.06	139.61
	<i>For Seal Class B, Add</i>	34.91	
	<i>For Seal Class A, Add</i>	74.46	
	<i>For Work In Restricted Working Space, Add</i>	69.81	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0966	LF	26" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	276.96 36.20 77.22 72.39	144.79
23 31 13	13-0967	LF	26" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	286.84 37.49 79.97 74.98	149.96
23 31 13	13-0968	LF	26" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	296.74 38.78 82.74 77.57	155.13
23 31 13	13-0969	LF	26" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	306.62 40.08 85.49 80.15	160.30
23 31 13	13-0970	LF	26" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	316.53 41.37 88.25 82.74	165.47
23 31 13	13-0971	LF	26" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	326.41 42.66 91.01 85.32	170.64
23 31 13	13-0972	LF	26" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	336.30 43.95 93.77 87.91	175.81
23 31 13	13-0973	LF	26" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	346.19 45.25 96.52 90.49	180.98
23 31 13	13-0974	LF	26" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	356.07 46.54 99.28 93.08	186.15
23 31 13	13-0975	LF	26" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	365.99 47.83 102.04 95.66	191.32
23 31 13	13-0976	LF	28" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	276.96 36.20 77.22 72.39	144.79
23 31 13	13-0977	LF	28" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	286.84 37.49 79.97 74.98	149.96
23 31 13	13-0978	LF	28" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	296.74 38.78 82.74 77.57	155.13
23 31 13	13-0979	LF	28" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	306.62 40.08 85.49 80.15	160.30
23 31 13	13-0980	LF	28" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	316.53 41.37 88.25 82.74	165.47
23 31 13	13-0981	LF	28" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	326.41 42.66 91.01 85.32	170.64
23 31 13	13-0982	LF	28" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	336.30 43.95 93.77 87.91	175.81
23 31 13	13-0983	LF	28" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	346.19 45.25 96.52 90.49	180.98
23 31 13	13-0984	LF	28" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	356.07 46.54 99.28 93.08	186.15
23 31 13	13-0985	LF	28" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	365.99 47.83 102.04 95.66	191.32
23 31 13	13-0986	LF	28" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	375.87 49.12 104.80 98.25	196.49
23 31 13	13-0987	LF	30" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	296.74 38.78 82.74 77.57	155.13

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 31 13 13-0988	LF	30" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	306.62	160.30
		<i>For Seal Class B, Add</i>	40.08	
		<i>For Seal Class A, Add</i>	85.49	
		<i>For Work In Restricted Working Space, Add</i>	80.15	
23 31 13 13-0989	LF	30" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	316.53	165.47
		<i>For Seal Class B, Add</i>	41.37	
		<i>For Seal Class A, Add</i>	88.25	
		<i>For Work In Restricted Working Space, Add</i>	82.74	
23 31 13 13-0990	LF	30" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	326.41	170.64
		<i>For Seal Class B, Add</i>	42.66	
		<i>For Seal Class A, Add</i>	91.01	
		<i>For Work In Restricted Working Space, Add</i>	85.32	
23 31 13 13-0991	LF	30" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	336.30	175.81
		<i>For Seal Class B, Add</i>	43.95	
		<i>For Seal Class A, Add</i>	93.77	
		<i>For Work In Restricted Working Space, Add</i>	87.91	
23 31 13 13-0992	LF	30" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	346.19	180.98
		<i>For Seal Class B, Add</i>	45.25	
		<i>For Seal Class A, Add</i>	96.52	
		<i>For Work In Restricted Working Space, Add</i>	90.49	
23 31 13 13-0993	LF	30" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	356.07	186.15
		<i>For Seal Class B, Add</i>	46.54	
		<i>For Seal Class A, Add</i>	99.28	
		<i>For Work In Restricted Working Space, Add</i>	93.08	
23 31 13 13-0994	LF	30" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	365.99	191.32
		<i>For Seal Class B, Add</i>	47.83	
		<i>For Seal Class A, Add</i>	102.04	
		<i>For Work In Restricted Working Space, Add</i>	95.66	
23 31 13 13-0995	LF	30" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	375.87	196.49
		<i>For Seal Class B, Add</i>	49.12	
		<i>For Seal Class A, Add</i>	104.80	
		<i>For Work In Restricted Working Space, Add</i>	98.25	
23 31 13 13-0996	LF	30" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	385.75	201.68
		<i>For Seal Class B, Add</i>	50.42	
		<i>For Seal Class A, Add</i>	107.56	
		<i>For Work In Restricted Working Space, Add</i>	100.83	
23 31 13 13-0997	LF	32" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	316.53	165.47
		<i>For Seal Class B, Add</i>	41.37	
		<i>For Seal Class A, Add</i>	88.25	
		<i>For Work In Restricted Working Space, Add</i>	82.74	
23 31 13 13-0998	LF	32" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	326.41	170.64
		<i>For Seal Class B, Add</i>	42.66	
		<i>For Seal Class A, Add</i>	91.01	
		<i>For Work In Restricted Working Space, Add</i>	85.32	
23 31 13 13-0999	LF	32" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	336.30	175.81
		<i>For Seal Class B, Add</i>	43.95	
		<i>For Seal Class A, Add</i>	93.77	
		<i>For Work In Restricted Working Space, Add</i>	87.91	
23 31 13 13-1000	LF	32" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	346.19	180.98
		<i>For Seal Class B, Add</i>	45.25	
		<i>For Seal Class A, Add</i>	96.52	
		<i>For Work In Restricted Working Space, Add</i>	90.49	
23 31 13 13-1001	LF	32" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	356.07	186.15
		<i>For Seal Class B, Add</i>	46.54	
		<i>For Seal Class A, Add</i>	99.28	
		<i>For Work In Restricted Working Space, Add</i>	93.08	
23 31 13 13-1002	LF	32" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	365.99	191.32
		<i>For Seal Class B, Add</i>	47.83	
		<i>For Seal Class A, Add</i>	102.04	
		<i>For Work In Restricted Working Space, Add</i>	95.66	
23 31 13 13-1003	LF	32" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	375.87	196.49
		<i>For Seal Class B, Add</i>	49.12	
		<i>For Seal Class A, Add</i>	104.80	
		<i>For Work In Restricted Working Space, Add</i>	98.25	
23 31 13 13-1004	LF	32" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	385.75	201.68
		<i>For Seal Class B, Add</i>	50.42	
		<i>For Seal Class A, Add</i>	107.56	
		<i>For Work In Restricted Working Space, Add</i>	100.83	
23 31 13 13-1005	LF	32" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	395.64	206.84
		<i>For Seal Class B, Add</i>	51.71	
		<i>For Seal Class A, Add</i>	110.31	
		<i>For Work In Restricted Working Space, Add</i>	103.42	
23 31 13 13-1006	LF	34" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	336.30	175.81
		<i>For Seal Class B, Add</i>	43.95	
		<i>For Seal Class A, Add</i>	93.77	
		<i>For Work In Restricted Working Space, Add</i>	87.91	
23 31 13 13-1007	LF	34" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	346.19	180.98
		<i>For Seal Class B, Add</i>	45.25	
		<i>For Seal Class A, Add</i>	96.52	
		<i>For Work In Restricted Working Space, Add</i>	90.49	
23 31 13 13-1008	LF	34" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	356.07	186.15
		<i>For Seal Class B, Add</i>	46.54	
		<i>For Seal Class A, Add</i>	99.28	
		<i>For Work In Restricted Working Space, Add</i>	93.08	
23 31 13 13-1009	LF	34" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	365.99	191.32
		<i>For Seal Class B, Add</i>	47.83	
		<i>For Seal Class A, Add</i>	102.04	
		<i>For Work In Restricted Working Space, Add</i>	95.66	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1010	LF		34" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	375.87	196.49
			<i>For Seal Class B, Add</i>	49.12	
			<i>For Seal Class A, Add</i>	104.80	
			<i>For Work In Restricted Working Space, Add</i>	98.25	
23 31 13 13-1011	LF		34" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	385.75	201.68
			<i>For Seal Class B, Add</i>	50.42	
			<i>For Seal Class A, Add</i>	107.56	
			<i>For Work In Restricted Working Space, Add</i>	100.83	
23 31 13 13-1012	LF		34" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	395.64	206.84
			<i>For Seal Class B, Add</i>	51.71	
			<i>For Seal Class A, Add</i>	110.31	
			<i>For Work In Restricted Working Space, Add</i>	103.42	
23 31 13 13-1013	LF		34" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	405.53	212.01
			<i>For Seal Class B, Add</i>	53.00	
			<i>For Seal Class A, Add</i>	113.07	
			<i>For Work In Restricted Working Space, Add</i>	106.01	
23 31 13 13-1014	LF		36" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	356.07	186.15
			<i>For Seal Class B, Add</i>	46.54	
			<i>For Seal Class A, Add</i>	99.28	
			<i>For Work In Restricted Working Space, Add</i>	93.08	
23 31 13 13-1015	LF		36" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	365.99	191.32
			<i>For Seal Class B, Add</i>	47.83	
			<i>For Seal Class A, Add</i>	102.04	
			<i>For Work In Restricted Working Space, Add</i>	95.66	
23 31 13 13-1016	LF		36" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	375.87	196.49
			<i>For Seal Class B, Add</i>	49.12	
			<i>For Seal Class A, Add</i>	104.80	
			<i>For Work In Restricted Working Space, Add</i>	98.25	
23 31 13 13-1017	LF		36" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	385.75	201.68
			<i>For Seal Class B, Add</i>	50.42	
			<i>For Seal Class A, Add</i>	107.56	
			<i>For Work In Restricted Working Space, Add</i>	100.83	
23 31 13 13-1018	LF		36" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	395.64	206.84
			<i>For Seal Class B, Add</i>	51.71	
			<i>For Seal Class A, Add</i>	110.31	
			<i>For Work In Restricted Working Space, Add</i>	103.42	
23 31 13 13-1019	LF		36" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	405.53	212.01
			<i>For Seal Class B, Add</i>	53.00	
			<i>For Seal Class A, Add</i>	113.07	
			<i>For Work In Restricted Working Space, Add</i>	106.01	
23 31 13 13-1020	LF		36" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	415.43	217.19
			<i>For Seal Class B, Add</i>	54.29	
			<i>For Seal Class A, Add</i>	115.83	
			<i>For Work In Restricted Working Space, Add</i>	108.59	
23 31 13 13-1021	LF		38" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	375.87	196.49
			<i>For Seal Class B, Add</i>	49.12	
			<i>For Seal Class A, Add</i>	104.80	
			<i>For Work In Restricted Working Space, Add</i>	98.25	
23 31 13 13-1022	LF		38" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	385.75	201.68
			<i>For Seal Class B, Add</i>	50.42	
			<i>For Seal Class A, Add</i>	107.56	
			<i>For Work In Restricted Working Space, Add</i>	100.83	
23 31 13 13-1023	LF		38" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	395.64	206.84
			<i>For Seal Class B, Add</i>	51.71	
			<i>For Seal Class A, Add</i>	110.31	
			<i>For Work In Restricted Working Space, Add</i>	103.42	
23 31 13 13-1024	LF		38" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	405.53	212.01
			<i>For Seal Class B, Add</i>	53.00	
			<i>For Seal Class A, Add</i>	113.07	
			<i>For Work In Restricted Working Space, Add</i>	106.01	
23 31 13 13-1025	LF		38" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	415.43	217.19
			<i>For Seal Class B, Add</i>	54.29	
			<i>For Seal Class A, Add</i>	115.83	
			<i>For Work In Restricted Working Space, Add</i>	108.59	
23 31 13 13-1026	LF		38" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	425.32	222.35
			<i>For Seal Class B, Add</i>	55.59	
			<i>For Seal Class A, Add</i>	118.59	
			<i>For Work In Restricted Working Space, Add</i>	111.17	
23 31 13 13-1027	LF		38" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	435.22	227.52
			<i>For Seal Class B, Add</i>	56.88	
			<i>For Seal Class A, Add</i>	121.35	
			<i>For Work In Restricted Working Space, Add</i>	113.76	
23 31 13 13-1028	LF		40" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	395.64	206.84
			<i>For Seal Class B, Add</i>	51.71	
			<i>For Seal Class A, Add</i>	110.31	
			<i>For Work In Restricted Working Space, Add</i>	103.42	
23 31 13 13-1029	LF		40" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	405.53	212.01
			<i>For Seal Class B, Add</i>	53.00	
			<i>For Seal Class A, Add</i>	113.07	
			<i>For Work In Restricted Working Space, Add</i>	106.01	
23 31 13 13-1030	LF		40" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	415.43	217.19
			<i>For Seal Class B, Add</i>	54.29	
			<i>For Seal Class A, Add</i>	115.83	
			<i>For Work In Restricted Working Space, Add</i>	108.59	
23 31 13 13-1031	LF		40" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	425.32	222.35
			<i>For Seal Class B, Add</i>	55.59	
			<i>For Seal Class A, Add</i>	118.59	
			<i>For Work In Restricted Working Space, Add</i>	111.17	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts and Casings



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 13-1032	LF 40" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	435.22 56.88 121.35 113.76	227.52
23 31 13 13-1033	LF 40" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	445.10 58.17 124.10 116.35	232.70
23 31 13 13-1034	LF 40" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	454.99 59.47 126.86 118.93	237.86
23 31 13 13-1035	LF 40" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	464.88 60.76 129.62 121.52	243.03
23 31 13 13-1036	LF 40" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	474.78 62.05 132.38 124.10	248.21
23 31 13 13-1037	LF 42" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	415.43 54.29 115.83 108.59	217.19
23 31 13 13-1038	LF 42" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	425.32 55.59 118.59 111.17	222.35
23 31 13 13-1039	LF 42" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	435.22 56.88 121.35 113.76	227.52
23 31 13 13-1040	LF 42" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	445.10 58.17 124.10 116.35	232.70
23 31 13 13-1041	LF 42" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	454.99 59.47 126.86 118.93	237.86
23 31 13 13-1042	LF 42" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	464.88 60.76 129.62 121.52	243.03
23 31 13 13-1043	LF 42" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	474.78 62.05 132.38 124.10	248.21
23 31 13 13-1044	LF 42" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	484.66 63.34 135.13 126.69	253.37
23 31 13 13-1045	LF 44" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	435.22 56.88 121.35 113.76	227.52
23 31 13 13-1046	LF 44" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	445.10 58.17 124.10 116.35	232.70
23 31 13 13-1047	LF 44" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	454.99 59.47 126.86 118.93	237.86
23 31 13 13-1048	LF 44" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	464.88 60.76 129.62 121.52	243.03
23 31 13 13-1049	LF 44" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	474.78 62.05 132.38 124.10	248.21
23 31 13 13-1050	LF 44" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	484.66 63.34 135.13 126.69	253.37
23 31 13 13-1051	LF 44" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	494.55 64.64 137.89 129.27	258.55
23 31 13 13-1052	LF 46" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	454.99 59.47 126.86 118.93	237.86
23 31 13 13-1053	LF 46" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork <i>For Seal Class B, Add</i> <i>For Seal Class A, Add</i> <i>For Work In Restricted Working Space, Add</i>	464.88 60.76 129.62 121.52	243.03

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1054	LF		46" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	474.78	248.21
			For Seal Class B, Add	62.05	
			For Seal Class A, Add	132.38	
			For Work In Restricted Working Space, Add	124.10	
23 31 13 13-1055	LF		46" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	484.66	253.37
			For Seal Class B, Add	63.34	
			For Seal Class A, Add	135.13	
			For Work In Restricted Working Space, Add	126.69	
23 31 13 13-1056	LF		46" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	494.55	258.55
			For Seal Class B, Add	64.64	
			For Seal Class A, Add	137.89	
			For Work In Restricted Working Space, Add	129.27	
23 31 13 13-1057	LF		46" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	513.06	268.89
			For Seal Class B, Add	67.22	
			For Seal Class A, Add	143.41	
			For Work In Restricted Working Space, Add	134.45	
23 31 13 13-1058	LF		46" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	522.97	274.06
			For Seal Class B, Add	68.52	
			For Seal Class A, Add	146.17	
			For Work In Restricted Working Space, Add	137.03	
23 31 13 13-1059	LF		48" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	474.78	248.21
			For Seal Class B, Add	62.05	
			For Seal Class A, Add	132.38	
			For Work In Restricted Working Space, Add	124.10	
23 31 13 13-1060	LF		48" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	484.66	253.37
			For Seal Class B, Add	63.34	
			For Seal Class A, Add	135.13	
			For Work In Restricted Working Space, Add	126.69	
23 31 13 13-1061	LF		48" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	494.55	258.55
			For Seal Class B, Add	64.64	
			For Seal Class A, Add	137.89	
			For Work In Restricted Working Space, Add	129.27	
23 31 13 13-1062	LF		48" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	504.44	263.72
			For Seal Class B, Add	65.93	
			For Seal Class A, Add	140.65	
			For Work In Restricted Working Space, Add	131.86	
23 31 13 13-1063	LF		48" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	514.35	268.89
			For Seal Class B, Add	67.22	
			For Seal Class A, Add	143.41	
			For Work In Restricted Working Space, Add	134.45	
23 31 13 13-1064	LF		48" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	524.24	274.06
			For Seal Class B, Add	68.52	
			For Seal Class A, Add	146.17	
			For Work In Restricted Working Space, Add	137.03	
23 31 13 13-1065	LF		48" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	534.12	279.23
			For Seal Class B, Add	69.81	
			For Seal Class A, Add	148.92	
			For Work In Restricted Working Space, Add	139.61	
23 31 13 13-1066	LF		50" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	494.55	258.55
			For Seal Class B, Add	64.64	
			For Seal Class A, Add	137.89	
			For Work In Restricted Working Space, Add	129.27	
23 31 13 13-1067	LF		50" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	504.44	263.72
			For Seal Class B, Add	65.93	
			For Seal Class A, Add	140.65	
			For Work In Restricted Working Space, Add	131.86	
23 31 13 13-1068	LF		50" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	514.35	268.89
			For Seal Class B, Add	67.22	
			For Seal Class A, Add	143.41	
			For Work In Restricted Working Space, Add	134.45	
23 31 13 13-1069	LF		50" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	524.24	274.06
			For Seal Class B, Add	68.52	
			For Seal Class A, Add	146.17	
			For Work In Restricted Working Space, Add	137.03	
23 31 13 13-1070	LF		50" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	534.12	279.23
			For Seal Class B, Add	69.81	
			For Seal Class A, Add	148.92	
			For Work In Restricted Working Space, Add	139.61	
23 31 13 13-1071	LF		50" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	544.00	284.40
			For Seal Class B, Add	71.10	
			For Seal Class A, Add	151.68	
			For Work In Restricted Working Space, Add	142.20	
23 31 13 13-1072	LF		52" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	514.35	268.89
			For Seal Class B, Add	67.22	
			For Seal Class A, Add	143.41	
			For Work In Restricted Working Space, Add	134.45	
23 31 13 13-1073	LF		52" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	524.24	274.06
			For Seal Class B, Add	68.52	
			For Seal Class A, Add	146.17	
			For Work In Restricted Working Space, Add	137.03	
23 31 13 13-1074	LF		52" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	534.12	279.23
			For Seal Class B, Add	69.81	
			For Seal Class A, Add	148.92	
			For Work In Restricted Working Space, Add	139.61	
23 31 13 13-1075	LF		52" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	544.00	284.40
			For Seal Class B, Add	71.10	
			For Seal Class A, Add	151.68	
			For Work In Restricted Working Space, Add	142.20	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 31 13 13-1076	LF 52" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	553.91	289.57
	For Seal Class B, Add	72.39	
	For Seal Class A, Add	154.44	
	For Work In Restricted Working Space, Add	144.79	
23 31 13 13-1077	LF 54" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	534.12	279.23
	For Seal Class B, Add	69.81	
	For Seal Class A, Add	148.92	
	For Work In Restricted Working Space, Add	139.61	
23 31 13 13-1078	LF 54" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	544.00	284.40
	For Seal Class B, Add	71.10	
	For Seal Class A, Add	151.68	
	For Work In Restricted Working Space, Add	142.20	
23 31 13 13-1079	LF 54" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	553.91	289.57
	For Seal Class B, Add	72.39	
	For Seal Class A, Add	154.44	
	For Work In Restricted Working Space, Add	144.79	
23 31 13 13-1080	LF 54" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	563.80	294.74
	For Seal Class B, Add	73.69	
	For Seal Class A, Add	157.20	
	For Work In Restricted Working Space, Add	147.37	
23 31 13 13-1081	LF 54" x 62", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	573.69	299.91
	For Seal Class B, Add	74.98	
	For Seal Class A, Add	159.96	
	For Work In Restricted Working Space, Add	149.96	
23 31 13 13-1082	LF 54" x 64", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	583.57	305.08
	For Seal Class B, Add	76.27	
	For Seal Class A, Add	162.71	
	For Work In Restricted Working Space, Add	152.54	
23 31 13 13-1083	LF 56" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	553.91	289.57
	For Seal Class B, Add	72.39	
	For Seal Class A, Add	154.44	
	For Work In Restricted Working Space, Add	144.79	
23 31 13 13-1084	LF 56" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	563.80	294.74
	For Seal Class B, Add	73.69	
	For Seal Class A, Add	157.20	
	For Work In Restricted Working Space, Add	147.37	
23 31 13 13-1085	LF 56" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	573.69	299.91
	For Seal Class B, Add	74.98	
	For Seal Class A, Add	159.96	
	For Work In Restricted Working Space, Add	149.96	
23 31 13 13-1086	LF 56" x 62", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	583.57	305.08
	For Seal Class B, Add	76.27	
	For Seal Class A, Add	162.71	
	For Work In Restricted Working Space, Add	152.54	
23 31 13 13-1087	LF 56" x 64", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	593.47	310.25
	For Seal Class B, Add	77.57	
	For Seal Class A, Add	165.47	
	For Work In Restricted Working Space, Add	155.13	
23 31 13 13-1088	LF 58" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	573.69	299.91
	For Seal Class B, Add	74.98	
	For Seal Class A, Add	159.96	
	For Work In Restricted Working Space, Add	149.96	
23 31 13 13-1089	LF 58" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	583.57	305.08
	For Seal Class B, Add	76.27	
	For Seal Class A, Add	162.71	
	For Work In Restricted Working Space, Add	152.54	
23 31 13 13-1090	LF 58" x 62", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	593.47	310.25
	For Seal Class B, Add	77.57	
	For Seal Class A, Add	165.47	
	For Work In Restricted Working Space, Add	155.13	
23 31 13 13-1091	LF 58" x 64", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	603.35	315.43
	For Seal Class B, Add	78.86	
	For Seal Class A, Add	168.23	
	For Work In Restricted Working Space, Add	157.71	
23 31 13 13-1092	LF 58" x 66", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	613.25	320.60
	For Seal Class B, Add	80.15	
	For Seal Class A, Add	170.98	
	For Work In Restricted Working Space, Add	160.30	
23 31 13 13-1093	LF 60" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	593.47	310.25
	For Seal Class B, Add	77.57	
	For Seal Class A, Add	165.47	
	For Work In Restricted Working Space, Add	155.13	
23 31 13 13-1094	LF 60" x 62", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	603.35	315.43
	For Seal Class B, Add	78.86	
	For Seal Class A, Add	168.23	
	For Work In Restricted Working Space, Add	157.71	
23 31 13 13-1095	LF 60" x 64", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	613.25	320.60
	For Seal Class B, Add	80.15	
	For Seal Class A, Add	170.98	
	For Work In Restricted Working Space, Add	160.30	
23 31 13 13-1096	LF 60" x 66", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	623.15	325.77
	For Seal Class B, Add	81.44	
	For Seal Class A, Add	173.74	
	For Work In Restricted Working Space, Add	162.89	
23 31 13 13-1097	LF 60" x 68", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	633.04	330.94
	For Seal Class B, Add	82.74	
	For Seal Class A, Add	176.50	
	For Work In Restricted Working Space, Add	165.47	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1098	LF	62" x 62"	18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	613.25	320.60
			<i>For Seal Class B, Add</i>	80.15	
			<i>For Seal Class A, Add</i>	170.98	
			<i>For Work In Restricted Working Space, Add</i>	160.30	
23 31 13 13-1099	LF	62" x 64"	18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	623.15	325.77
			<i>For Seal Class B, Add</i>	81.44	
			<i>For Seal Class A, Add</i>	173.74	
			<i>For Work In Restricted Working Space, Add</i>	162.89	
23 31 13 13-1100	LF	62" x 66"	18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	633.04	330.94
			<i>For Seal Class B, Add</i>	82.74	
			<i>For Seal Class A, Add</i>	176.50	
			<i>For Work In Restricted Working Space, Add</i>	165.47	
23 31 13 13-1101	LF	62" x 68"	18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	642.92	336.11
			<i>For Seal Class B, Add</i>	84.03	
			<i>For Seal Class A, Add</i>	179.26	
			<i>For Work In Restricted Working Space, Add</i>	168.06	
23 31 13 13-1102	LF	62" x 70"	18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	652.80	341.28
			<i>For Seal Class B, Add</i>	85.32	
			<i>For Seal Class A, Add</i>	182.02	
			<i>For Work In Restricted Working Space, Add</i>	170.64	
23 31 13 13-1103	LF	64" x 64"	18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	633.04	330.94
			<i>For Seal Class B, Add</i>	82.74	
			<i>For Seal Class A, Add</i>	176.50	
			<i>For Work In Restricted Working Space, Add</i>	165.47	
23 31 13 13-1104	LF	64" x 66"	18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	642.92	336.11
			<i>For Seal Class B, Add</i>	84.03	
			<i>For Seal Class A, Add</i>	179.26	
			<i>For Work In Restricted Working Space, Add</i>	168.06	
23 31 13 13-1105	LF	64" x 68"	18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	652.80	341.28
			<i>For Seal Class B, Add</i>	85.32	
			<i>For Seal Class A, Add</i>	182.02	
			<i>For Work In Restricted Working Space, Add</i>	170.64	
23 31 13 13-1106	LF	64" x 70"	18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	662.71	346.45
			<i>For Seal Class B, Add</i>	86.61	
			<i>For Seal Class A, Add</i>	184.77	
			<i>For Work In Restricted Working Space, Add</i>	173.23	
23 31 13 13-1107	LF	66" x 66"	18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	652.80	341.28
			<i>For Seal Class B, Add</i>	85.32	
			<i>For Seal Class A, Add</i>	182.02	
			<i>For Work In Restricted Working Space, Add</i>	170.64	
23 31 13 13-1108	LF	66" x 68"	18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	662.71	346.45
			<i>For Seal Class B, Add</i>	86.61	
			<i>For Seal Class A, Add</i>	184.77	
			<i>For Work In Restricted Working Space, Add</i>	173.23	
23 31 13 13-1109	LF	66" x 70"	18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	672.60	351.63
			<i>For Seal Class B, Add</i>	87.91	
			<i>For Seal Class A, Add</i>	187.53	
			<i>For Work In Restricted Working Space, Add</i>	175.81	
23 31 13 13-1110	LF	66" x 72"	18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	682.48	356.79
			<i>For Seal Class B, Add</i>	89.20	
			<i>For Seal Class A, Add</i>	190.29	
			<i>For Work In Restricted Working Space, Add</i>	178.40	
23 31 13 13-1111	LF	68" x 68"	18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	672.60	351.63
			<i>For Seal Class B, Add</i>	87.91	
			<i>For Seal Class A, Add</i>	187.53	
			<i>For Work In Restricted Working Space, Add</i>	175.81	
23 31 13 13-1112	LF	68" x 70"	18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	682.48	356.79
			<i>For Seal Class B, Add</i>	89.20	
			<i>For Seal Class A, Add</i>	190.29	
			<i>For Work In Restricted Working Space, Add</i>	178.40	
23 31 13 13-1113	LF	68" x 72"	18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	692.38	361.96
			<i>For Seal Class B, Add</i>	90.49	
			<i>For Seal Class A, Add</i>	193.05	
			<i>For Work In Restricted Working Space, Add</i>	180.98	
23 31 13 13-1114	LF	68" x 74"	18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	702.26	367.14
			<i>For Seal Class B, Add</i>	91.78	
			<i>For Seal Class A, Add</i>	195.80	
			<i>For Work In Restricted Working Space, Add</i>	183.57	
23 31 13 13-1115	LF	70" x 70"	18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	692.38	361.96
			<i>For Seal Class B, Add</i>	90.49	
			<i>For Seal Class A, Add</i>	193.05	
			<i>For Work In Restricted Working Space, Add</i>	180.98	
23 31 13 13-1116	LF	70" x 72"	18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	702.26	367.14
			<i>For Seal Class B, Add</i>	91.78	
			<i>For Seal Class A, Add</i>	195.80	
			<i>For Work In Restricted Working Space, Add</i>	183.57	
23 31 13 13-1117	LF	70" x 74"	18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	712.18	372.31
			<i>For Seal Class B, Add</i>	93.08	
			<i>For Seal Class A, Add</i>	198.57	
			<i>For Work In Restricted Working Space, Add</i>	186.16	
23 31 13 13-1118	LF	70" x 76"	18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	722.05	377.48
			<i>For Seal Class B, Add</i>	94.37	
			<i>For Seal Class A, Add</i>	201.32	
			<i>For Work In Restricted Working Space, Add</i>	188.74	
23 31 13 13-1119	LF	70" x 78"	18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	731.94	382.66
			<i>For Seal Class B, Add</i>	95.66	
			<i>For Seal Class A, Add</i>	204.08	
			<i>For Work In Restricted Working Space, Add</i>	191.33	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 31 13 13-1120	LF	70" x 80", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	741.82	387.82
		<i>For Seal Class B, Add</i>	96.95	
		<i>For Seal Class A, Add</i>	206.84	
		<i>For Work In Restricted Working Space, Add</i>	193.91	
23 31 13 13-1121	LF	70" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	751.72	392.99
		<i>For Seal Class B, Add</i>	98.25	
		<i>For Seal Class A, Add</i>	209.60	
		<i>For Work In Restricted Working Space, Add</i>	196.50	
23 31 13 13-1122	LF	70" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	761.63	398.17
		<i>For Seal Class B, Add</i>	99.54	
		<i>For Seal Class A, Add</i>	212.36	
		<i>For Work In Restricted Working Space, Add</i>	199.08	
23 31 13 13-1123	LF	70" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	771.51	403.33
		<i>For Seal Class B, Add</i>	100.83	
		<i>For Seal Class A, Add</i>	215.11	
		<i>For Work In Restricted Working Space, Add</i>	201.67	
23 31 13 13-1124	LF	72" x 72", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	712.18	372.31
		<i>For Seal Class B, Add</i>	93.08	
		<i>For Seal Class A, Add</i>	198.57	
		<i>For Work In Restricted Working Space, Add</i>	186.16	
23 31 13 13-1125	LF	72" x 74", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	722.05	377.48
		<i>For Seal Class B, Add</i>	94.37	
		<i>For Seal Class A, Add</i>	201.32	
		<i>For Work In Restricted Working Space, Add</i>	188.74	
23 31 13 13-1126	LF	72" x 76", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	731.94	382.66
		<i>For Seal Class B, Add</i>	95.66	
		<i>For Seal Class A, Add</i>	204.08	
		<i>For Work In Restricted Working Space, Add</i>	191.33	
23 31 13 13-1127	LF	72" x 78", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	741.82	387.82
		<i>For Seal Class B, Add</i>	96.95	
		<i>For Seal Class A, Add</i>	206.84	
		<i>For Work In Restricted Working Space, Add</i>	193.91	
23 31 13 13-1128	LF	72" x 80", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	751.72	392.99
		<i>For Seal Class B, Add</i>	98.25	
		<i>For Seal Class A, Add</i>	209.60	
		<i>For Work In Restricted Working Space, Add</i>	196.50	
23 31 13 13-1129	LF	72" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	761.63	398.17
		<i>For Seal Class B, Add</i>	99.54	
		<i>For Seal Class A, Add</i>	212.36	
		<i>For Work In Restricted Working Space, Add</i>	199.08	
23 31 13 13-1130	LF	72" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	771.51	403.33
		<i>For Seal Class B, Add</i>	100.83	
		<i>For Seal Class A, Add</i>	215.11	
		<i>For Work In Restricted Working Space, Add</i>	201.67	
23 31 13 13-1131	LF	72" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	781.40	408.50
		<i>For Seal Class B, Add</i>	102.13	
		<i>For Seal Class A, Add</i>	217.87	
		<i>For Work In Restricted Working Space, Add</i>	204.25	
23 31 13 13-1132	LF	74" x 74", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	731.94	382.66
		<i>For Seal Class B, Add</i>	95.66	
		<i>For Seal Class A, Add</i>	204.08	
		<i>For Work In Restricted Working Space, Add</i>	191.33	
23 31 13 13-1133	LF	74" x 76", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	741.82	387.82
		<i>For Seal Class B, Add</i>	96.95	
		<i>For Seal Class A, Add</i>	206.84	
		<i>For Work In Restricted Working Space, Add</i>	193.91	
23 31 13 13-1134	LF	74" x 78", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	751.72	392.99
		<i>For Seal Class B, Add</i>	98.25	
		<i>For Seal Class A, Add</i>	209.60	
		<i>For Work In Restricted Working Space, Add</i>	196.50	
23 31 13 13-1135	LF	74" x 80", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	761.63	398.17
		<i>For Seal Class B, Add</i>	99.54	
		<i>For Seal Class A, Add</i>	212.36	
		<i>For Work In Restricted Working Space, Add</i>	199.08	
23 31 13 13-1136	LF	74" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	771.51	403.33
		<i>For Seal Class B, Add</i>	100.83	
		<i>For Seal Class A, Add</i>	215.11	
		<i>For Work In Restricted Working Space, Add</i>	201.67	
23 31 13 13-1137	LF	74" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	781.40	408.50
		<i>For Seal Class B, Add</i>	102.13	
		<i>For Seal Class A, Add</i>	217.87	
		<i>For Work In Restricted Working Space, Add</i>	204.25	
23 31 13 13-1138	LF	74" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	791.28	413.68
		<i>For Seal Class B, Add</i>	103.42	
		<i>For Seal Class A, Add</i>	220.62	
		<i>For Work In Restricted Working Space, Add</i>	206.84	
23 31 13 13-1139	LF	76" x 76", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	751.72	392.99
		<i>For Seal Class B, Add</i>	98.25	
		<i>For Seal Class A, Add</i>	209.60	
		<i>For Work In Restricted Working Space, Add</i>	196.50	
23 31 13 13-1140	LF	76" x 78", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	761.63	398.17
		<i>For Seal Class B, Add</i>	99.54	
		<i>For Seal Class A, Add</i>	212.36	
		<i>For Work In Restricted Working Space, Add</i>	199.08	
23 31 13 13-1141	LF	76" x 80", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	771.51	403.33
		<i>For Seal Class B, Add</i>	100.83	
		<i>For Seal Class A, Add</i>	215.11	
		<i>For Work In Restricted Working Space, Add</i>	201.67	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1142	LF		76" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork For Seal Class B, Add For Seal Class A, Add For Work In Restricted Working Space, Add	781.40 102.13 217.87 204.25	408.50
23 31 13 13-1143	LF		76" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork For Seal Class B, Add For Seal Class A, Add For Work In Restricted Working Space, Add	791.28 103.42 220.62 206.84	413.68
23 31 13 13-1144	LF		76" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork For Seal Class B, Add For Seal Class A, Add For Work In Restricted Working Space, Add	801.18 104.71 223.39 209.42	418.84
23 31 13 13-1145	LF		78" x 78", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork For Seal Class B, Add For Seal Class A, Add For Work In Restricted Working Space, Add	771.51 100.83 215.11 201.67	403.33
23 31 13 13-1146	LF		78" x 80", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork For Seal Class B, Add For Seal Class A, Add For Work In Restricted Working Space, Add	781.40 102.13 217.87 204.25	408.50
23 31 13 13-1147	LF		78" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork For Seal Class B, Add For Seal Class A, Add For Work In Restricted Working Space, Add	791.28 103.42 220.62 206.84	413.68
23 31 13 13-1148	LF		78" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork For Seal Class B, Add For Seal Class A, Add For Work In Restricted Working Space, Add	801.18 104.71 223.39 209.42	418.84
23 31 13 13-1149	LF		78" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork For Seal Class B, Add For Seal Class A, Add For Work In Restricted Working Space, Add	811.07 106.00 226.14 212.01	424.01
23 31 13 13-1150	LF		80" x 80", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork For Seal Class B, Add For Seal Class A, Add For Work In Restricted Working Space, Add	791.28 103.42 220.62 206.84	413.68
23 31 13 13-1151	LF		80" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork For Seal Class B, Add For Seal Class A, Add For Work In Restricted Working Space, Add	801.18 104.71 223.39 209.42	418.84
23 31 13 13-1152	LF		80" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork For Seal Class B, Add For Seal Class A, Add For Work In Restricted Working Space, Add	811.07 106.00 226.14 212.01	424.01
23 31 13 13-1153	LF		80" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork For Seal Class B, Add For Seal Class A, Add For Work In Restricted Working Space, Add	829.58 108.59 231.66 217.18	434.36
23 31 13 13-1154	LF		82" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork For Seal Class B, Add For Seal Class A, Add For Work In Restricted Working Space, Add	811.07 106.00 226.14 212.01	424.01
23 31 13 13-1155	LF		82" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork For Seal Class B, Add For Seal Class A, Add For Work In Restricted Working Space, Add	820.96 107.30 228.90 214.59	429.19
23 31 13 13-1156	LF		82" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork For Seal Class B, Add For Seal Class A, Add For Work In Restricted Working Space, Add	830.85 108.59 231.66 217.18	434.36
23 31 13 13-1157	LF		84" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork For Seal Class B, Add For Seal Class A, Add For Work In Restricted Working Space, Add	830.85 108.59 231.66 217.18	434.36
23 31 13 13-1158	LF		84" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork For Seal Class B, Add For Seal Class A, Add For Work In Restricted Working Space, Add	840.74 109.88 234.42 219.77	439.53
23 31 13 13-1159	LF		86" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork For Seal Class B, Add For Seal Class A, Add For Work In Restricted Working Space, Add	850.63 111.18 237.17 222.35	444.70

23 31 13 16 Round and Flat-Oval Spiral Ducts (23 31 13)
23 31 13 16-0001 Low Pressure Round And Flat-Oval Duct (23 31 13 16)

Note: 7" diameter round = 4" x 11.85" flat oval. 8" diameter round = 4" x 15" flat oval. 10" diameter round = 4" x 25.99" or 6" x 15.42" or 8" x 11.14" flat oval. 12" diameter round = 6" x 23.28" or 8" x 15.85" flat oval. 14" diameter round = 6" x 32.70" or 8" x 22.14" or 10" x 17.85 or 12" x 15.14" flat oval. 16" diameter round = 6" x 43.70" or 8" x 29.99" or 10" x 24.14" or 12" x 19.85" or 14" x 17.14" flat oval. 18" diameter round = 6" x 59.41" or 8" x 39.42" or 10" x 30.42" or 12" x 24.57" or 14" x 21.85" or 16" x 19.14" flat oval. 20" diameter round = 8" x 51.98" or 10" x 38.27" or 12" x 30.85" or 14" x 26.57" or 16" x 23.85" or 18" x 21.14" flat oval. Includes sealing the joints by tape, mastic, or spray on sealer.

23 31 13 16-0002 Galvanized Sheet Metal Round And Flat-Oval Ducts (23 31 13 16-0001)

Note: Includes straps and supports.

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts and Casings



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 16-0003	LF 4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct.....	7.13	2.62
	For Seal Class B, Add	0.80	
	For Seal Class A, Add	2.14	
	For Up To 20', Add	0.53	
	For >20' To 50', Add	0.21	
	For >200' To 500', Deduct	-0.13	
	For >500', Deduct	-0.22	
	For 28 Gauge, Deduct	-0.25	
	For 24 Gauge, Add	0.25	
	For 22 Gauge, Add	0.49	
	For 20 Gauge, Add	0.74	
	For 18 Gauge, Add	0.98	
	For 16 Gauge, Add	1.20	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	1.32	
	For Work In Restricted Working Space, Add	1.61	
	For Elevated Installation >10' To 15', Add	0.54	
	For Elevated Installation >15' To 20', Add	1.07	
	For Elevated Installation >20' To 25', Add	1.34	
	For Elevated Installation >25' To 30', Add	1.87	
	For Elevated Installation >30' To 35', Add	2.14	
	For Elevated Installation >35' To 40', Add	2.68	
	For Elevated Installation >40', Add	2.94	
23 31 13 16-0004	LF 5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct.....	8.19	2.97
	For Seal Class B, Add	0.89	
	For Seal Class A, Add	2.38	
	For Up To 20', Add	0.68	
	For >20' To 50', Add	0.27	
	For >200' To 500', Deduct	-0.17	
	For >500', Deduct	-0.28	
	For 28 Gauge, Deduct	-0.31	
	For 24 Gauge, Add	0.31	
	For 22 Gauge, Add	0.62	
	For 20 Gauge, Add	0.93	
	For 18 Gauge, Add	1.24	
	For 16 Gauge, Add	1.52	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	1.67	
	For Work In Restricted Working Space, Add	1.78	
	For Elevated Installation >10' To 15', Add	0.59	
	For Elevated Installation >15' To 20', Add	1.19	
	For Elevated Installation >20' To 25', Add	1.49	
	For Elevated Installation >25' To 30', Add	2.08	
	For Elevated Installation >30' To 35', Add	2.38	
	For Elevated Installation >35' To 40', Add	2.97	
	For Elevated Installation >40', Add	3.27	
23 31 13 16-0005	LF 6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct.....	9.28	3.56
	For Seal Class B, Add	1.00	
	For Seal Class A, Add	2.68	
	For Up To 20', Add	0.78	
	For >20' To 50', Add	0.31	
	For >200' To 500', Deduct	-0.19	
	For >500', Deduct	-0.32	
	For 28 Gauge, Deduct	-0.36	
	For 24 Gauge, Add	0.36	
	For 22 Gauge, Add	0.71	
	For 20 Gauge, Add	1.07	
	For 18 Gauge, Add	1.42	
	For 16 Gauge, Add	1.75	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	1.92	
	For Work In Restricted Working Space, Add	2.01	
	For Elevated Installation >10' To 15', Add	0.67	
	For Elevated Installation >15' To 20', Add	1.34	
	For Elevated Installation >20' To 25', Add	1.67	
	For Elevated Installation >25' To 30', Add	2.34	
	For Elevated Installation >30' To 35', Add	2.68	
	For Elevated Installation >35' To 40', Add	3.35	
	For Elevated Installation >40', Add	3.68	
23 31 13 16-0006	LF 7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct.....	10.44	4.16
	For Seal Class B, Add	1.15	
	For Seal Class A, Add	3.06	
	For Up To 20', Add	0.84	
	For >20' To 50', Add	0.34	
	For >200' To 500', Deduct	-0.21	
	For >500', Deduct	-0.35	
	For 28 Gauge, Deduct	-0.39	
	For 24 Gauge, Add	0.39	
	For 22 Gauge, Add	0.77	
	For 20 Gauge, Add	1.16	
	For 18 Gauge, Add	1.54	
	For 16 Gauge, Add	1.89	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	2.07	
	For Work In Restricted Working Space, Add	2.29	
	For Elevated Installation >10' To 15', Add	0.76	
	For Elevated Installation >15' To 20', Add	1.53	
	For Elevated Installation >20' To 25', Add	1.91	
	For Elevated Installation >25' To 30', Add	2.67	
	For Elevated Installation >30' To 35', Add	3.06	
	For Elevated Installation >35' To 40', Add	3.82	
	For Elevated Installation >40', Add	4.20	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
23 31 13 16-0007	LF 8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct.....		11.92	4.75
	For Seal Class B, Add		1.34	
	For Seal Class A, Add		3.57	
	For Up To 20', Add		0.90	
	For >20' To 50', Add		0.36	
	For >200' To 500', Deduct		-0.23	
	For >500', Deduct		-0.38	
	For 28 Gauge, Deduct		-0.42	
	For 24 Gauge, Add		0.41	
	For 22 Gauge, Add		0.83	
	For 20 Gauge, Add		1.24	
	For 18 Gauge, Add		1.65	
	For 16 Gauge, Add		2.03	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add		2.22	
	For Work In Restricted Working Space, Add		2.68	
	For Elevated Installation >10' To 15', Add		0.89	
	For Elevated Installation >15' To 20', Add		1.78	
	For Elevated Installation >20' To 25', Add		2.23	
	For Elevated Installation >25' To 30', Add		3.12	
	For Elevated Installation >30' To 35', Add		3.57	
	For Elevated Installation >35' To 40', Add		4.46	
	For Elevated Installation >40', Add		4.91	
23 31 13 16-0008	LF 10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct.....		15.07	5.94
	For Seal Class B, Add		1.61	
	For Seal Class A, Add		4.28	
	For Up To 20', Add		1.31	
	For >20' To 50', Add		0.52	
	For >200' To 500', Deduct		-0.33	
	For >500', Deduct		-0.55	
	For 28 Gauge, Deduct		-0.61	
	For 24 Gauge, Add		0.60	
	For 22 Gauge, Add		1.20	
	For 20 Gauge, Add		1.81	
	For 18 Gauge, Add		2.40	
	For 16 Gauge, Add		2.95	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add		3.23	
	For Work In Restricted Working Space, Add		3.21	
	For Elevated Installation >10' To 15', Add		1.07	
	For Elevated Installation >15' To 20', Add		2.14	
	For Elevated Installation >20' To 25', Add		2.68	
	For Elevated Installation >25' To 30', Add		3.75	
	For Elevated Installation >30' To 35', Add		4.28	
	For Elevated Installation >35' To 40', Add		5.35	
	For Elevated Installation >40', Add		5.89	
23 31 13 16-0009	LF 12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct.....		18.48	7.97
	For Seal Class B, Add		2.01	
	For Seal Class A, Add		5.35	
	For Up To 20', Add		1.53	
	For >20' To 50', Add		0.61	
	For >200' To 500', Deduct		-0.38	
	For >500', Deduct		-0.64	
	For 28 Gauge, Deduct		-0.71	
	For 24 Gauge, Add		0.71	
	For 22 Gauge, Add		1.41	
	For 20 Gauge, Add		2.12	
	For 18 Gauge, Add		2.81	
	For 16 Gauge, Add		3.45	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add		3.78	
	For Work In Restricted Working Space, Add		4.01	
	For Elevated Installation >10' To 15', Add		1.34	
	For Elevated Installation >15' To 20', Add		2.67	
	For Elevated Installation >20' To 25', Add		3.34	
	For Elevated Installation >25' To 30', Add		4.68	
	For Elevated Installation >30' To 35', Add		5.35	
	For Elevated Installation >35' To 40', Add		6.69	
	For Elevated Installation >40', Add		7.35	
23 31 13 16-0010	LF 14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct.....		22.53	11.89
	For Seal Class B, Add		2.51	
	For Seal Class A, Add		6.69	
	For Up To 20', Add		1.74	
	For >20' To 50', Add		0.70	
	For >200' To 500', Deduct		-0.44	
	For >500', Deduct		-0.73	
	For 28 Gauge, Deduct		-0.80	
	For 24 Gauge, Add		0.80	
	For 22 Gauge, Add		1.60	
	For 20 Gauge, Add		2.40	
	For 18 Gauge, Add		3.19	
	For 16 Gauge, Add		3.92	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add		4.29	
	For Work In Restricted Working Space, Add		5.02	
	For Elevated Installation >10' To 15', Add		1.67	
	For Elevated Installation >15' To 20', Add		3.35	
	For Elevated Installation >20' To 25', Add		4.18	
	For Elevated Installation >25' To 30', Add		5.86	
	For Elevated Installation >30' To 35', Add		6.69	
	For Elevated Installation >35' To 40', Add		8.37	
	For Elevated Installation >40', Add		9.20	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 31 13 16-0011	LF	16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	30.27	15.93
		For Seal Class B, Add	3.35	
		For Seal Class A, Add	8.92	
		For Up To 20', Add	2.39	
		For >20' To 50', Add	0.96	
		For >200' To 500', Deduct	-0.60	
		For >500', Deduct	-1.00	
		For 28 Gauge, Deduct	-1.10	
		For 24 Gauge, Add	1.10	
		For 22 Gauge, Add	2.20	
		For 20 Gauge, Add	3.30	
		For 18 Gauge, Add	4.38	
		For 16 Gauge, Add	5.38	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	5.90	
		For Work In Restricted Working Space, Add	6.69	
		For Elevated Installation >10' To 15', Add	2.23	
		For Elevated Installation >15' To 20', Add	4.46	
		For Elevated Installation >20' To 25', Add	5.58	
		For Elevated Installation >25' To 30', Add	7.81	
		For Elevated Installation >30' To 35', Add	8.92	
		For Elevated Installation >35' To 40', Add	11.15	
		For Elevated Installation >40', Add	12.27	
23 31 13 16-0012	LF	18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	42.17	19.14
		For Up To 20', Add	4.62	
		For >20' To 50', Add	1.85	
		For >200' To 500', Deduct	-1.16	
		For >500', Deduct	-1.93	
		For 28 Gauge, Deduct	-2.13	
		For 24 Gauge, Add	2.13	
		For 22 Gauge, Add	4.25	
		For 20 Gauge, Add	6.38	
		For 18 Gauge, Add	8.48	
		For 16 Gauge, Add	10.40	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	11.40	
		For Work In Restricted Working Space, Add	8.03	
		For Elevated Installation >10' To 15', Add	2.68	
		For Elevated Installation >15' To 20', Add	5.35	
		For Elevated Installation >20' To 25', Add	6.69	
		For Elevated Installation >25' To 30', Add	9.37	
		For Elevated Installation >30' To 35', Add	10.70	
		For Elevated Installation >35' To 40', Add	13.38	
		For Elevated Installation >40', Add	14.72	
23 31 13 16-0013	LF	20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	48.12	22.11
		For Up To 20', Add	5.16	
		For >20' To 50', Add	2.06	
		For >200' To 500', Deduct	-1.29	
		For >500', Deduct	-2.15	
		For 28 Gauge, Deduct	-2.38	
		For 24 Gauge, Add	2.37	
		For 22 Gauge, Add	4.74	
		For 20 Gauge, Add	7.12	
		For 18 Gauge, Add	9.46	
		For 16 Gauge, Add	11.61	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	12.73	
		For Work In Restricted Working Space, Add	9.28	
		For Elevated Installation >10' To 15', Add	3.09	
		For Elevated Installation >15' To 20', Add	6.18	
		For Elevated Installation >20' To 25', Add	7.73	
		For Elevated Installation >25' To 30', Add	10.82	
		For Elevated Installation >30' To 35', Add	12.37	
		For Elevated Installation >35' To 40', Add	15.46	
		For Elevated Installation >40', Add	17.01	
23 31 13 16-0014		Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbows (23 31 13 16-0001)		
		Note: Up to 90 degree.		
23 31 13 16-0015	EA	4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	36.83	15.87
		For Seal Class B, Add	4.76	
		For Seal Class A, Add	12.70	
		For 28 Gauge, Deduct	-0.70	
		For 24 Gauge, Add	0.70	
		For 22 Gauge, Add	1.40	
		For 20 Gauge, Add	2.10	
		For 18 Gauge, Add	2.79	
		For 16 Gauge, Add	3.43	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	3.76	
		For Work In Restricted Working Space, Add	9.53	
		For Elevated Installation >10' To 15', Add	3.18	
		For Elevated Installation >15' To 20', Add	6.35	
		For Elevated Installation >20' To 25', Add	7.94	
		For Elevated Installation >25' To 30', Add	11.11	
		For Elevated Installation >30' To 35', Add	12.70	
		For Elevated Installation >35' To 40', Add	15.88	
		For Elevated Installation >40', Add	17.46	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
23 31 13 16-0016	EA 5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow.....	42.16		18.31
	For Seal Class B, Add	5.49		
	For Seal Class A, Add	14.65		
	For 28 Gauge, Deduct	-0.77		
	For 24 Gauge, Add	0.76		
	For 22 Gauge, Add	1.52		
	For 20 Gauge, Add	2.29		
	For 18 Gauge, Add	3.04		
	For 16 Gauge, Add	3.73		
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.09		
	For Work In Restricted Working Space, Add	10.99		
	For Elevated Installation >10' To 15', Add	3.66		
	For Elevated Installation >15' To 20', Add	7.33		
	For Elevated Installation >20' To 25', Add	9.16		
	For Elevated Installation >25' To 30', Add	12.82		
	For Elevated Installation >30' To 35', Add	14.65		
	For Elevated Installation >35' To 40', Add	18.32		
	For Elevated Installation >40', Add	20.15		
23 31 13 16-0017	EA 6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow.....	49.49		21.64
	For Seal Class B, Add	6.49		
	For Seal Class A, Add	17.31		
	For 28 Gauge, Deduct	-0.86		
	For 24 Gauge, Add	0.86		
	For 22 Gauge, Add	1.71		
	For 20 Gauge, Add	2.57		
	For 18 Gauge, Add	3.42		
	For 16 Gauge, Add	4.19		
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.60		
	For Work In Restricted Working Space, Add	12.98		
	For Elevated Installation >10' To 15', Add	4.33		
	For Elevated Installation >15' To 20', Add	8.66		
	For Elevated Installation >20' To 25', Add	10.82		
	For Elevated Installation >25' To 30', Add	15.15		
	For Elevated Installation >30' To 35', Add	17.31		
	For Elevated Installation >35' To 40', Add	21.64		
	For Elevated Installation >40', Add	23.80		
23 31 13 16-0018	EA 7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow.....	63.29		27.82
	For Seal Class B, Add	8.35		
	For Seal Class A, Add	22.26		
	For 28 Gauge, Deduct	-1.06		
	For 24 Gauge, Add	1.05		
	For 22 Gauge, Add	2.10		
	For 20 Gauge, Add	3.16		
	For 18 Gauge, Add	4.20		
	For 16 Gauge, Add	5.16		
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	5.65		
	For Work In Restricted Working Space, Add	16.70		
	For Elevated Installation >10' To 15', Add	5.57		
	For Elevated Installation >15' To 20', Add	11.13		
	For Elevated Installation >20' To 25', Add	13.91		
	For Elevated Installation >25' To 30', Add	19.48		
	For Elevated Installation >30' To 35', Add	22.26		
	For Elevated Installation >35' To 40', Add	27.83		
	For Elevated Installation >40', Add	30.61		
23 31 13 16-0019	EA 8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow.....	76.03		33.89
	For Seal Class B, Add	10.17		
	For Seal Class A, Add	27.11		
	For 28 Gauge, Deduct	-1.14		
	For 24 Gauge, Add	1.14		
	For 22 Gauge, Add	2.27		
	For 20 Gauge, Add	3.42		
	For 18 Gauge, Add	4.54		
	For 16 Gauge, Add	5.57		
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	6.11		
	For Work In Restricted Working Space, Add	20.33		
	For Elevated Installation >10' To 15', Add	6.78		
	For Elevated Installation >15' To 20', Add	13.56		
	For Elevated Installation >20' To 25', Add	16.95		
	For Elevated Installation >25' To 30', Add	23.72		
	For Elevated Installation >30' To 35', Add	27.11		
	For Elevated Installation >35' To 40', Add	33.89		
	For Elevated Installation >40', Add	37.28		
23 31 13 16-0020	EA 10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow.....	116.72		52.92
	For Seal Class B, Add	15.87		
	For Seal Class A, Add	42.33		
	For 28 Gauge, Deduct	-1.51		
	For 24 Gauge, Add	1.50		
	For 22 Gauge, Add	3.00		
	For 20 Gauge, Add	4.51		
	For 18 Gauge, Add	5.99		
	For 16 Gauge, Add	7.35		
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	8.06		
	For Work In Restricted Working Space, Add	31.75		
	For Elevated Installation >10' To 15', Add	10.58		
	For Elevated Installation >15' To 20', Add	21.17		
	For Elevated Installation >20' To 25', Add	26.46		
	For Elevated Installation >25' To 30', Add	37.04		
	For Elevated Installation >30' To 35', Add	42.33		
	For Elevated Installation >35' To 40', Add	52.92		
	For Elevated Installation >40', Add	58.21		

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts and Casings



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 16-0021	EA 12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	161.01	73.13
	For Seal Class B, Add	21.94	
	For Seal Class A, Add	58.50	
	For 28 Gauge, Deduct	-2.04	
	For 24 Gauge, Add	2.04	
	For 22 Gauge, Add	4.06	
	For 20 Gauge, Add	6.11	
	For 18 Gauge, Add	8.11	
	For 16 Gauge, Add	9.96	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	10.92	
	For Work In Restricted Working Space, Add	43.88	
	For Elevated Installation >10' To 15', Add	14.63	
	For Elevated Installation >15' To 20', Add	29.25	
	For Elevated Installation >20' To 25', Add	36.57	
	For Elevated Installation >25' To 30', Add	51.19	
	For Elevated Installation >30' To 35', Add	58.50	
	For Elevated Installation >35' To 40', Add	73.13	
	For Elevated Installation >40', Add	80.44	
23 31 13 16-0022	EA 14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	195.63	86.50
	For Seal Class B, Add	25.95	
	For Seal Class A, Add	69.21	
	For 28 Gauge, Deduct	-3.13	
	For 24 Gauge, Add	3.12	
	For 22 Gauge, Add	6.23	
	For 20 Gauge, Add	9.36	
	For 18 Gauge, Add	12.44	
	For 16 Gauge, Add	15.26	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	16.73	
	For Work In Restricted Working Space, Add	51.91	
	For Elevated Installation >10' To 15', Add	17.30	
	For Elevated Installation >15' To 20', Add	34.60	
	For Elevated Installation >20' To 25', Add	43.26	
	For Elevated Installation >25' To 30', Add	60.56	
	For Elevated Installation >30' To 35', Add	69.21	
	For Elevated Installation >35' To 40', Add	86.51	
	For Elevated Installation >40', Add	95.16	
23 31 13 16-0023	EA 16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	222.67	95.13
	For Seal Class B, Add	28.54	
	For Seal Class A, Add	76.10	
	For 28 Gauge, Deduct	-4.49	
	For 24 Gauge, Add	4.47	
	For 22 Gauge, Add	8.93	
	For 20 Gauge, Add	13.42	
	For 18 Gauge, Add	17.83	
	For 16 Gauge, Add	21.88	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	23.98	
	For Work In Restricted Working Space, Add	57.08	
	For Elevated Installation >10' To 15', Add	19.03	
	For Elevated Installation >15' To 20', Add	38.05	
	For Elevated Installation >20' To 25', Add	47.57	
	For Elevated Installation >25' To 30', Add	66.59	
	For Elevated Installation >30' To 35', Add	76.10	
	For Elevated Installation >35' To 40', Add	95.13	
	For Elevated Installation >40', Add	104.64	
23 31 13 16-0024	EA 18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	246.51	98.99
	For Seal Class B, Add	29.70	
	For Seal Class A, Add	79.20	
	For 28 Gauge, Deduct	-6.72	
	For 24 Gauge, Add	6.70	
	For 22 Gauge, Add	13.37	
	For 20 Gauge, Add	20.09	
	For 18 Gauge, Add	26.69	
	For 16 Gauge, Add	32.75	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	35.90	
	For Work In Restricted Working Space, Add	59.40	
	For Elevated Installation >10' To 15', Add	19.80	
	For Elevated Installation >15' To 20', Add	39.60	
	For Elevated Installation >20' To 25', Add	49.50	
	For Elevated Installation >25' To 30', Add	69.30	
	For Elevated Installation >30' To 35', Add	79.20	
	For Elevated Installation >35' To 40', Add	99.00	
	For Elevated Installation >40', Add	108.89	
23 31 13 16-0025	EA 20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	269.21	102.26
	For Seal Class B, Add	30.68	
	For Seal Class A, Add	81.81	
	For 28 Gauge, Deduct	-8.96	
	For 24 Gauge, Add	8.93	
	For 22 Gauge, Add	17.82	
	For 20 Gauge, Add	26.78	
	For 18 Gauge, Add	35.58	
	For 16 Gauge, Add	43.67	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	47.87	
	For Work In Restricted Working Space, Add	61.36	
	For Elevated Installation >10' To 15', Add	20.45	
	For Elevated Installation >15' To 20', Add	40.90	
	For Elevated Installation >20' To 25', Add	51.13	
	For Elevated Installation >25' To 30', Add	71.58	
	For Elevated Installation >30' To 35', Add	81.81	
	For Elevated Installation >35' To 40', Add	102.26	
	For Elevated Installation >40', Add	112.49	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 31 13 16-0026			Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbows (23 31 13 16-0001)		
23 31 13 16-0027	EA		4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow.....	31.03	10.70
			For Seal Class B, Add	4.01	
			For Seal Class A, Add	10.70	
			For 28 Gauge, Deduct	-0.59	
			For 24 Gauge, Add	0.59	
			For 22 Gauge, Add	1.18	
			For 20 Gauge, Add	1.77	
			For 18 Gauge, Add	2.35	
			For 16 Gauge, Add	2.88	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	3.16	
			For Work In Restricted Working Space, Add	8.03	
			For Elevated Installation >10' To 15', Add	2.68	
			For Elevated Installation >15' To 20', Add	5.35	
			For Elevated Installation >20' To 25', Add	6.69	
			For Elevated Installation >25' To 30', Add	9.37	
			For Elevated Installation >30' To 35', Add	10.70	
			For Elevated Installation >35' To 40', Add	13.38	
			For Elevated Installation >40', Add	14.72	
23 31 13 16-0028	EA		5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow.....	35.44	12.25
			For Seal Class B, Add	4.59	
			For Seal Class A, Add	12.23	
			For 28 Gauge, Deduct	-0.67	
			For 24 Gauge, Add	0.67	
			For 22 Gauge, Add	1.34	
			For 20 Gauge, Add	2.02	
			For 18 Gauge, Add	2.68	
			For 16 Gauge, Add	3.29	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	3.60	
			For Work In Restricted Working Space, Add	9.17	
			For Elevated Installation >10' To 15', Add	3.06	
			For Elevated Installation >15' To 20', Add	6.11	
			For Elevated Installation >20' To 25', Add	7.64	
			For Elevated Installation >25' To 30', Add	10.70	
			For Elevated Installation >30' To 35', Add	12.23	
			For Elevated Installation >35' To 40', Add	15.29	
			For Elevated Installation >40', Add	16.81	
23 31 13 16-0029	EA		6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow.....	41.21	14.27
			For Seal Class B, Add	5.35	
			For Seal Class A, Add	14.27	
			For 28 Gauge, Deduct	-0.77	
			For 24 Gauge, Add	0.76	
			For 22 Gauge, Add	1.53	
			For 20 Gauge, Add	2.29	
			For 18 Gauge, Add	3.05	
			For 16 Gauge, Add	3.74	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.10	
			For Work In Restricted Working Space, Add	10.70	
			For Elevated Installation >10' To 15', Add	3.57	
			For Elevated Installation >15' To 20', Add	7.13	
			For Elevated Installation >20' To 25', Add	8.92	
			For Elevated Installation >25' To 30', Add	12.48	
			For Elevated Installation >30' To 35', Add	14.27	
			For Elevated Installation >35' To 40', Add	17.84	
			For Elevated Installation >40', Add	19.62	
23 31 13 16-0030	EA		7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow.....	48.68	17.12
			For Seal Class B, Add	6.42	
			For Seal Class A, Add	17.12	
			For 28 Gauge, Deduct	-0.81	
			For 24 Gauge, Add	0.81	
			For 22 Gauge, Add	1.62	
			For 20 Gauge, Add	2.43	
			For 18 Gauge, Add	3.23	
			For 16 Gauge, Add	3.96	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.34	
			For Work In Restricted Working Space, Add	12.84	
			For Elevated Installation >10' To 15', Add	4.28	
			For Elevated Installation >15' To 20', Add	8.56	
			For Elevated Installation >20' To 25', Add	10.70	
			For Elevated Installation >25' To 30', Add	14.98	
			For Elevated Installation >30' To 35', Add	17.12	
			For Elevated Installation >35' To 40', Add	21.41	
			For Elevated Installation >40', Add	23.55	
23 31 13 16-0031	EA		8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow.....	60.32	21.40
			For Seal Class B, Add	8.03	
			For Seal Class A, Add	21.40	
			For 28 Gauge, Deduct	-0.94	
			For 24 Gauge, Add	0.94	
			For 22 Gauge, Add	1.88	
			For 20 Gauge, Add	2.82	
			For 18 Gauge, Add	3.75	
			For 16 Gauge, Add	4.60	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	5.04	
			For Work In Restricted Working Space, Add	16.05	
			For Elevated Installation >10' To 15', Add	5.35	
			For Elevated Installation >15' To 20', Add	10.70	
			For Elevated Installation >20' To 25', Add	13.38	
			For Elevated Installation >25' To 30', Add	18.73	
			For Elevated Installation >30' To 35', Add	21.40	
			For Elevated Installation >35' To 40', Add	26.76	
			For Elevated Installation >40', Add	29.43	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts and Casings



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 16-0032	EA 10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	81.08	28.54
	For Seal Class B, Add	10.70	
	For Seal Class A, Add	28.54	
	For 28 Gauge, Deduct	-1.35	
	For 24 Gauge, Add	1.34	
	For 22 Gauge, Add	2.68	
	For 20 Gauge, Add	4.03	
	For 18 Gauge, Add	5.35	
	For 16 Gauge, Add	6.57	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	7.20	
	For Work In Restricted Working Space, Add	21.41	
	For Elevated Installation >10' To 15', Add	7.14	
	For Elevated Installation >15' To 20', Add	14.27	
	For Elevated Installation >20' To 25', Add	17.84	
	For Elevated Installation >25' To 30', Add	24.97	
	For Elevated Installation >30' To 35', Add	28.54	
	For Elevated Installation >35' To 40', Add	35.68	
	For Elevated Installation >40', Add	39.24	
23 31 13 16-0033	EA 12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	119.90	42.81
	For Seal Class B, Add	16.05	
	For Seal Class A, Add	42.81	
	For 28 Gauge, Deduct	-1.78	
	For 24 Gauge, Add	1.78	
	For 22 Gauge, Add	3.55	
	For 20 Gauge, Add	5.33	
	For 18 Gauge, Add	7.08	
	For 16 Gauge, Add	8.69	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	9.53	
	For Work In Restricted Working Space, Add	32.11	
	For Elevated Installation >10' To 15', Add	10.70	
	For Elevated Installation >15' To 20', Add	21.40	
	For Elevated Installation >20' To 25', Add	26.76	
	For Elevated Installation >25' To 30', Add	37.46	
	For Elevated Installation >30' To 35', Add	42.81	
	For Elevated Installation >35' To 40', Add	53.51	
	For Elevated Installation >40', Add	58.86	
23 31 13 16-0034	EA 14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	160.86	54.70
	For Seal Class B, Add	20.51	
	For Seal Class A, Add	54.70	
	For 28 Gauge, Deduct	-3.34	
	For 24 Gauge, Add	3.33	
	For 22 Gauge, Add	6.64	
	For 20 Gauge, Add	9.98	
	For 18 Gauge, Add	13.26	
	For 16 Gauge, Add	16.27	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	17.84	
	For Work In Restricted Working Space, Add	41.03	
	For Elevated Installation >10' To 15', Add	13.68	
	For Elevated Installation >15' To 20', Add	27.35	
	For Elevated Installation >20' To 25', Add	34.19	
	For Elevated Installation >25' To 30', Add	47.86	
	For Elevated Installation >30' To 35', Add	54.70	
	For Elevated Installation >35' To 40', Add	68.38	
	For Elevated Installation >40', Add	75.21	
23 31 13 16-0035	EA 16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	201.92	68.97
	For Seal Class B, Add	25.86	
	For Seal Class A, Add	68.97	
	For 28 Gauge, Deduct	-4.09	
	For 24 Gauge, Add	4.07	
	For 22 Gauge, Add	8.13	
	For 20 Gauge, Add	12.21	
	For 18 Gauge, Add	16.23	
	For 16 Gauge, Add	19.91	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	21.83	
	For Work In Restricted Working Space, Add	51.73	
	For Elevated Installation >10' To 15', Add	17.24	
	For Elevated Installation >15' To 20', Add	34.48	
	For Elevated Installation >20' To 25', Add	43.11	
	For Elevated Installation >25' To 30', Add	60.35	
	For Elevated Installation >30' To 35', Add	68.97	
	For Elevated Installation >35' To 40', Add	86.21	
	For Elevated Installation >40', Add	94.83	
23 31 13 16-0036	EA 18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	225.37	71.94
	For Seal Class B, Add	26.93	
	For Seal Class A, Add	71.82	
	For 28 Gauge, Deduct	-6.35	
	For 24 Gauge, Add	6.32	
	For 22 Gauge, Add	12.62	
	For 20 Gauge, Add	18.97	
	For 18 Gauge, Add	25.20	
	For 16 Gauge, Add	30.93	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	33.91	
	For Work In Restricted Working Space, Add	53.87	
	For Elevated Installation >10' To 15', Add	17.96	
	For Elevated Installation >15' To 20', Add	35.91	
	For Elevated Installation >20' To 25', Add	44.89	
	For Elevated Installation >25' To 30', Add	62.84	
	For Elevated Installation >30' To 35', Add	71.82	
	For Elevated Installation >35' To 40', Add	89.78	
	For Elevated Installation >40', Add	98.75	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
23 31 13 16-0037	EA 20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	245.41		73.72
	For Seal Class B, Add	27.65		
	For Seal Class A, Add	73.72		
	For 28 Gauge, Deduct	-8.46		
	For 24 Gauge, Add	8.43		
	For 22 Gauge, Add	16.83		
	For 20 Gauge, Add	25.30		
	For 18 Gauge, Add	33.61		
	For 16 Gauge, Add	41.24		
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	45.21		
	For Work In Restricted Working Space, Add	55.29		
	For Elevated Installation >10' To 15', Add	18.43		
	For Elevated Installation >15' To 20', Add	36.86		
	For Elevated Installation >20' To 25', Add	46.08		
	For Elevated Installation >25' To 30', Add	64.51		
	For Elevated Installation >30' To 35', Add	73.72		
	For Elevated Installation >35' To 40', Add	92.16		
	For Elevated Installation >40', Add	101.37		
23 31 13 16-0038	Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbows (23 31 13 16-0001)			
23 31 13 16-0039	EA 4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	29.44		10.70
	For Seal Class B, Add	4.01		
	For Seal Class A, Add	10.70		
	For 28 Gauge, Deduct	-0.37		
	For 24 Gauge, Add	0.37		
	For 22 Gauge, Add	0.74		
	For 20 Gauge, Add	1.11		
	For 18 Gauge, Add	1.47		
	For 16 Gauge, Add	1.81		
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	1.98		
	For Work In Restricted Working Space, Add	8.03		
	For Elevated Installation >10' To 15', Add	2.68		
	For Elevated Installation >15' To 20', Add	5.35		
	For Elevated Installation >20' To 25', Add	6.69		
	For Elevated Installation >25' To 30', Add	9.37		
	For Elevated Installation >30' To 35', Add	10.70		
	For Elevated Installation >35' To 40', Add	13.38		
	For Elevated Installation >40', Add	14.72		
23 31 13 16-0040	EA 5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	34.01		12.25
	For Seal Class B, Add	4.59		
	For Seal Class A, Add	12.23		
	For 28 Gauge, Deduct	-0.48		
	For 24 Gauge, Add	0.47		
	For 22 Gauge, Add	0.95		
	For 20 Gauge, Add	1.42		
	For 18 Gauge, Add	1.89		
	For 16 Gauge, Add	2.32		
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	2.55		
	For Work In Restricted Working Space, Add	9.17		
	For Elevated Installation >10' To 15', Add	3.06		
	For Elevated Installation >15' To 20', Add	6.11		
	For Elevated Installation >20' To 25', Add	7.64		
	For Elevated Installation >25' To 30', Add	10.70		
	For Elevated Installation >30' To 35', Add	12.23		
	For Elevated Installation >35' To 40', Add	15.29		
	For Elevated Installation >40', Add	16.81		
23 31 13 16-0041	EA 6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	39.43		14.27
	For Seal Class B, Add	5.35		
	For Seal Class A, Add	14.27		
	For 28 Gauge, Deduct	-0.52		
	For 24 Gauge, Add	0.52		
	For 22 Gauge, Add	1.04		
	For 20 Gauge, Add	1.56		
	For 18 Gauge, Add	2.07		
	For 16 Gauge, Add	2.54		
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	2.78		
	For Work In Restricted Working Space, Add	10.70		
	For Elevated Installation >10' To 15', Add	3.57		
	For Elevated Installation >15' To 20', Add	7.13		
	For Elevated Installation >20' To 25', Add	8.92		
	For Elevated Installation >25' To 30', Add	12.48		
	For Elevated Installation >30' To 35', Add	14.27		
	For Elevated Installation >35' To 40', Add	17.84		
	For Elevated Installation >40', Add	19.62		

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts and Casings



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 16-0042	EA 7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	47.17	17.12
	For Seal Class B, Add	6.42	
	For Seal Class A, Add	17.12	
	For 28 Gauge, Deduct	-0.60	
	For 24 Gauge, Add	0.60	
	For 22 Gauge, Add	1.20	
	For 20 Gauge, Add	1.81	
	For 18 Gauge, Add	2.40	
	For 16 Gauge, Add	2.94	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	3.23	
	For Work In Restricted Working Space, Add	12.84	
	For Elevated Installation >10' To 15', Add	4.28	
	For Elevated Installation >15' To 20', Add	8.56	
	For Elevated Installation >20' To 25', Add	10.70	
	For Elevated Installation >25' To 30', Add	14.98	
	For Elevated Installation >30' To 35', Add	17.12	
	For Elevated Installation >35' To 40', Add	21.41	
	For Elevated Installation >40', Add	23.55	
23 31 13 16-0043	EA 8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	58.47	21.40
	For Seal Class B, Add	8.03	
	For Seal Class A, Add	21.40	
	For 28 Gauge, Deduct	-0.69	
	For 24 Gauge, Add	0.68	
	For 22 Gauge, Add	1.37	
	For 20 Gauge, Add	2.05	
	For 18 Gauge, Add	2.73	
	For 16 Gauge, Add	3.35	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	3.67	
	For Work In Restricted Working Space, Add	16.05	
	For Elevated Installation >10' To 15', Add	5.35	
	For Elevated Installation >15' To 20', Add	10.70	
	For Elevated Installation >20' To 25', Add	13.38	
	For Elevated Installation >25' To 30', Add	18.73	
	For Elevated Installation >30' To 35', Add	21.40	
	For Elevated Installation >35' To 40', Add	26.76	
	For Elevated Installation >40', Add	29.43	
23 31 13 16-0044	EA 10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	78.91	28.54
	For Seal Class B, Add	10.70	
	For Seal Class A, Add	28.54	
	For 28 Gauge, Deduct	-1.05	
	For 24 Gauge, Add	1.04	
	For 22 Gauge, Add	2.08	
	For 20 Gauge, Add	3.13	
	For 18 Gauge, Add	4.16	
	For 16 Gauge, Add	5.10	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	5.59	
	For Work In Restricted Working Space, Add	21.41	
	For Elevated Installation >10' To 15', Add	7.14	
	For Elevated Installation >15' To 20', Add	14.27	
	For Elevated Installation >20' To 25', Add	17.84	
	For Elevated Installation >25' To 30', Add	24.97	
	For Elevated Installation >30' To 35', Add	28.54	
	For Elevated Installation >35' To 40', Add	35.68	
	For Elevated Installation >40', Add	39.24	
23 31 13 16-0045	EA 12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	116.75	42.81
	For Seal Class B, Add	16.05	
	For Seal Class A, Add	42.81	
	For 28 Gauge, Deduct	-1.35	
	For 24 Gauge, Add	1.34	
	For 22 Gauge, Add	2.68	
	For 20 Gauge, Add	4.03	
	For 18 Gauge, Add	5.35	
	For 16 Gauge, Add	6.57	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	7.20	
	For Work In Restricted Working Space, Add	32.11	
	For Elevated Installation >10' To 15', Add	10.70	
	For Elevated Installation >15' To 20', Add	21.40	
	For Elevated Installation >20' To 25', Add	26.76	
	For Elevated Installation >25' To 30', Add	37.46	
	For Elevated Installation >30' To 35', Add	42.81	
	For Elevated Installation >35' To 40', Add	53.51	
	For Elevated Installation >40', Add	58.86	
23 31 13 16-0046	EA 14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	153.60	54.70
	For Seal Class B, Add	20.51	
	For Seal Class A, Add	54.70	
	For 28 Gauge, Deduct	-2.33	
	For 24 Gauge, Add	2.33	
	For 22 Gauge, Add	4.64	
	For 20 Gauge, Add	6.98	
	For 18 Gauge, Add	9.27	
	For 16 Gauge, Add	11.37	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	12.47	
	For Work In Restricted Working Space, Add	41.03	
	For Elevated Installation >10' To 15', Add	13.68	
	For Elevated Installation >15' To 20', Add	27.35	
	For Elevated Installation >20' To 25', Add	34.19	
	For Elevated Installation >25' To 30', Add	47.86	
	For Elevated Installation >30' To 35', Add	54.70	
	For Elevated Installation >35' To 40', Add	68.38	
	For Elevated Installation >40', Add	75.21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 31 13 16-0047	EA		16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	200.05	68.97
			<i>For Seal Class B, Add</i>	25.86	
			<i>For Seal Class A, Add</i>	68.97	
			<i>For 28 Gauge, Deduct</i>	-3.83	
			<i>For 24 Gauge, Add</i>	3.81	
			<i>For 22 Gauge, Add</i>	7.61	
			<i>For 20 Gauge, Add</i>	11.44	
			<i>For 18 Gauge, Add</i>	15.20	
			<i>For 16 Gauge, Add</i>	18.65	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	20.45	
			<i>For Work In Restricted Working Space, Add</i>	51.73	
			<i>For Elevated Installation >10' To 15', Add</i>	17.24	
			<i>For Elevated Installation >15' To 20', Add</i>	34.48	
			<i>For Elevated Installation >20' To 25', Add</i>	43.11	
			<i>For Elevated Installation >25' To 30', Add</i>	60.35	
			<i>For Elevated Installation >30' To 35', Add</i>	68.97	
			<i>For Elevated Installation >35' To 40', Add</i>	86.21	
			<i>For Elevated Installation >40', Add</i>	94.83	
23 31 13 16-0048	EA		18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	212.94	71.94
			<i>For Seal Class B, Add</i>	26.93	
			<i>For Seal Class A, Add</i>	71.82	
			<i>For 28 Gauge, Deduct</i>	-4.62	
			<i>For 24 Gauge, Add</i>	4.61	
			<i>For 22 Gauge, Add</i>	9.20	
			<i>For 20 Gauge, Add</i>	13.82	
			<i>For 18 Gauge, Add</i>	18.36	
			<i>For 16 Gauge, Add</i>	22.54	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	24.71	
			<i>For Work In Restricted Working Space, Add</i>	53.87	
			<i>For Elevated Installation >10' To 15', Add</i>	17.96	
			<i>For Elevated Installation >15' To 20', Add</i>	35.91	
			<i>For Elevated Installation >20' To 25', Add</i>	44.89	
			<i>For Elevated Installation >25' To 30', Add</i>	62.84	
			<i>For Elevated Installation >30' To 35', Add</i>	71.82	
			<i>For Elevated Installation >35' To 40', Add</i>	89.78	
			<i>For Elevated Installation >40', Add</i>	98.75	
23 31 13 16-0049	EA		20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	227.09	73.72
			<i>For Seal Class B, Add</i>	27.65	
			<i>For Seal Class A, Add</i>	73.72	
			<i>For 28 Gauge, Deduct</i>	-5.93	
			<i>For 24 Gauge, Add</i>	5.90	
			<i>For 22 Gauge, Add</i>	11.79	
			<i>For 20 Gauge, Add</i>	17.71	
			<i>For 18 Gauge, Add</i>	23.53	
			<i>For 16 Gauge, Add</i>	28.88	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	31.66	
			<i>For Work In Restricted Working Space, Add</i>	55.29	
			<i>For Elevated Installation >10' To 15', Add</i>	18.43	
			<i>For Elevated Installation >15' To 20', Add</i>	36.86	
			<i>For Elevated Installation >20' To 25', Add</i>	46.08	
			<i>For Elevated Installation >25' To 30', Add</i>	64.51	
			<i>For Elevated Installation >30' To 35', Add</i>	73.72	
			<i>For Elevated Installation >35' To 40', Add</i>	92.16	
			<i>For Elevated Installation >40', Add</i>	101.37	

23 31 13 16-0050 Galvanized Sheet Metal Round And Flat-Oval Tees (23 31 13 16-0001)

23 31 13 16-0051	EA		4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	46.11	16.05
			<i>For Seal Class B, Add</i>	6.02	
			<i>For Seal Class A, Add</i>	16.05	
			<i>For 28 Gauge, Deduct</i>	-0.83	
			<i>For 24 Gauge, Add</i>	0.83	
			<i>For 22 Gauge, Add</i>	1.65	
			<i>For 20 Gauge, Add</i>	2.48	
			<i>For 18 Gauge, Add</i>	3.29	
			<i>For 16 Gauge, Add</i>	4.04	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	4.43	
			<i>For Work In Restricted Working Space, Add</i>	12.04	
			<i>For Elevated Installation >10' To 15', Add</i>	4.01	
			<i>For Elevated Installation >15' To 20', Add</i>	8.03	
			<i>For Elevated Installation >20' To 25', Add</i>	10.03	
			<i>For Elevated Installation >25' To 30', Add</i>	14.05	
			<i>For Elevated Installation >30' To 35', Add</i>	16.05	
			<i>For Elevated Installation >35' To 40', Add</i>	20.07	
			<i>For Elevated Installation >40', Add</i>	22.07	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts and Casings



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 16-0052	EA 5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	53.81	18.31
	For Seal Class B, Add	6.88	
	For Seal Class A, Add	18.35	
	For 28 Gauge, Deduct	-1.10	
	For 24 Gauge, Add	1.10	
	For 22 Gauge, Add	2.19	
	For 20 Gauge, Add	3.29	
	For 18 Gauge, Add	4.37	
	For 16 Gauge, Add	5.36	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	5.88	
	For Work In Restricted Working Space, Add	13.76	
	For Elevated Installation >10' To 15', Add	4.59	
	For Elevated Installation >15' To 20', Add	9.17	
	For Elevated Installation >20' To 25', Add	11.47	
	For Elevated Installation >25' To 30', Add	16.05	
	For Elevated Installation >30' To 35', Add	18.35	
	For Elevated Installation >35' To 40', Add	22.94	
	For Elevated Installation >40', Add	25.23	
23 31 13 16-0053	EA 6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	62.12	21.40
	For Seal Class B, Add	8.03	
	For Seal Class A, Add	21.40	
	For 28 Gauge, Deduct	-1.19	
	For 24 Gauge, Add	1.19	
	For 22 Gauge, Add	2.37	
	For 20 Gauge, Add	3.56	
	For 18 Gauge, Add	4.74	
	For 16 Gauge, Add	5.81	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	6.37	
	For Work In Restricted Working Space, Add	16.05	
	For Elevated Installation >10' To 15', Add	5.35	
	For Elevated Installation >15' To 20', Add	10.70	
	For Elevated Installation >20' To 25', Add	13.38	
	For Elevated Installation >25' To 30', Add	18.73	
	For Elevated Installation >30' To 35', Add	21.40	
	For Elevated Installation >35' To 40', Add	26.76	
	For Elevated Installation >40', Add	29.43	
23 31 13 16-0054	EA 7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	74.12	25.69
	For Seal Class B, Add	9.63	
	For Seal Class A, Add	25.68	
	For 28 Gauge, Deduct	-1.37	
	For 24 Gauge, Add	1.37	
	For 22 Gauge, Add	2.73	
	For 20 Gauge, Add	4.10	
	For 18 Gauge, Add	5.45	
	For 16 Gauge, Add	6.69	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	7.33	
	For Work In Restricted Working Space, Add	19.26	
	For Elevated Installation >10' To 15', Add	6.42	
	For Elevated Installation >15' To 20', Add	12.84	
	For Elevated Installation >20' To 25', Add	16.05	
	For Elevated Installation >25' To 30', Add	22.47	
	For Elevated Installation >30' To 35', Add	25.68	
	For Elevated Installation >35' To 40', Add	32.11	
	For Elevated Installation >40', Add	35.32	
23 31 13 16-0055	EA 8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	96.29	32.10
	For Seal Class B, Add	12.04	
	For Seal Class A, Add	32.11	
	For 28 Gauge, Deduct	-2.22	
	For 24 Gauge, Add	2.21	
	For 22 Gauge, Add	4.41	
	For 20 Gauge, Add	6.63	
	For 18 Gauge, Add	8.81	
	For 16 Gauge, Add	10.81	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	11.85	
	For Work In Restricted Working Space, Add	24.08	
	For Elevated Installation >10' To 15', Add	8.03	
	For Elevated Installation >15' To 20', Add	16.05	
	For Elevated Installation >20' To 25', Add	20.07	
	For Elevated Installation >25' To 30', Add	28.09	
	For Elevated Installation >30' To 35', Add	32.11	
	For Elevated Installation >35' To 40', Add	40.14	
	For Elevated Installation >40', Add	44.15	
23 31 13 16-0056	EA 10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	127.46	42.81
	For Seal Class B, Add	16.05	
	For Seal Class A, Add	42.81	
	For 28 Gauge, Deduct	-2.83	
	For 24 Gauge, Add	2.82	
	For 22 Gauge, Add	5.63	
	For 20 Gauge, Add	8.46	
	For 18 Gauge, Add	11.24	
	For 16 Gauge, Add	13.80	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	15.13	
	For Work In Restricted Working Space, Add	32.11	
	For Elevated Installation >10' To 15', Add	10.70	
	For Elevated Installation >15' To 20', Add	21.40	
	For Elevated Installation >20' To 25', Add	26.76	
	For Elevated Installation >25' To 30', Add	37.46	
	For Elevated Installation >30' To 35', Add	42.81	
	For Elevated Installation >35' To 40', Add	53.51	
	For Elevated Installation >40', Add	58.86	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT	COST	UNIT COST
23 31 13 16-0057	EA 12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee		180.94	64.21
	For Seal Class B, Add		24.08	
	For Seal Class A, Add		64.20	
	For 28 Gauge, Deduct		-2.83	
	For 24 Gauge, Add		2.82	
	For 22 Gauge, Add		5.63	
	For 20 Gauge, Add		8.46	
	For 18 Gauge, Add		11.24	
	For 16 Gauge, Add		13.80	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add		15.13	
	For Work In Restricted Working Space, Add		48.15	
	For Elevated Installation >10' To 15', Add		16.05	
	For Elevated Installation >15' To 20', Add		32.10	
	For Elevated Installation >20' To 25', Add		40.13	
	For Elevated Installation >25' To 30', Add		56.18	
	For Elevated Installation >30' To 35', Add		64.20	
	For Elevated Installation >35' To 40', Add		80.25	
	For Elevated Installation >40', Add		88.28	
23 31 13 16-0058	EA 14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee		243.96	81.81
	For Seal Class B, Add		30.75	
	For Seal Class A, Add		82.01	
	For 28 Gauge, Deduct		-5.39	
	For 24 Gauge, Add		5.37	
	For 22 Gauge, Add		10.73	
	For 20 Gauge, Add		16.12	
	For 18 Gauge, Add		21.42	
	For 16 Gauge, Add		26.28	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add		28.82	
	For Work In Restricted Working Space, Add		61.51	
	For Elevated Installation >10' To 15', Add		20.50	
	For Elevated Installation >15' To 20', Add		41.00	
	For Elevated Installation >20' To 25', Add		51.26	
	For Elevated Installation >25' To 30', Add		71.76	
	For Elevated Installation >30' To 35', Add		82.01	
	For Elevated Installation >35' To 40', Add		102.51	
	For Elevated Installation >40', Add		112.76	
23 31 13 16-0059	EA 16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee		313.16	103.69
	For Seal Class B, Add		38.78	
	For Seal Class A, Add		103.40	
	For 28 Gauge, Deduct		-7.57	
	For 24 Gauge, Add		7.54	
	For 22 Gauge, Add		15.06	
	For 20 Gauge, Add		22.63	
	For 18 Gauge, Add		30.06	
	For 16 Gauge, Add		36.90	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add		40.45	
	For Work In Restricted Working Space, Add		77.55	
	For Elevated Installation >10' To 15', Add		25.85	
	For Elevated Installation >15' To 20', Add		51.70	
	For Elevated Installation >20' To 25', Add		64.63	
	For Elevated Installation >25' To 30', Add		90.48	
	For Elevated Installation >30' To 35', Add		103.40	
	For Elevated Installation >35' To 40', Add		129.25	
	For Elevated Installation >40', Add		142.18	
23 31 13 16-0060	EA 18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee		358.58	115.34
	For Seal Class B, Add		43.34	
	For Seal Class A, Add		115.58	
	For 28 Gauge, Deduct		-9.64	
	For 24 Gauge, Add		9.61	
	For 22 Gauge, Add		19.18	
	For 20 Gauge, Add		28.83	
	For 18 Gauge, Add		38.30	
	For 16 Gauge, Add		47.00	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add		51.53	
	For Work In Restricted Working Space, Add		86.69	
	For Elevated Installation >10' To 15', Add		28.90	
	For Elevated Installation >15' To 20', Add		57.79	
	For Elevated Installation >20' To 25', Add		72.24	
	For Elevated Installation >25' To 30', Add		101.13	
	For Elevated Installation >30' To 35', Add		115.58	
	For Elevated Installation >35' To 40', Add		144.48	
	For Elevated Installation >40', Add		158.92	
23 31 13 16-0061	EA 20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee		375.74	119.50
	For Seal Class B, Add		44.77	
	For Seal Class A, Add		119.39	
	For 28 Gauge, Deduct		-10.70	
	For 24 Gauge, Add		10.66	
	For 22 Gauge, Add		21.29	
	For 20 Gauge, Add		31.99	
	For 18 Gauge, Add		42.50	
	For 16 Gauge, Add		52.16	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add		57.18	
	For Work In Restricted Working Space, Add		89.54	
	For Elevated Installation >10' To 15', Add		29.85	
	For Elevated Installation >15' To 20', Add		59.69	
	For Elevated Installation >20' To 25', Add		74.62	
	For Elevated Installation >25' To 30', Add		104.46	
	For Elevated Installation >30' To 35', Add		119.39	
	For Elevated Installation >35' To 40', Add		149.24	
	For Elevated Installation >40', Add		164.16	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts and Casings



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

		TOTAL DIRECT	DEMOLITION
		UNIT COST	UNIT COST
23 31 13 16-0062	Galvanized Sheet Metal Round And Flat-Oval Connectors <small>(23 31 13 16-0001)</small>		
23 31 13 16-0063	EA 4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector.....	21.03	
	For Seal Class B, Add	2.85	
	For Seal Class A, Add	7.61	
	For Work In Restricted Working Space, Add	5.71	
	For Elevated Installation >10' To 15', Add	1.90	
	For Elevated Installation >15' To 20', Add	3.80	
	For Elevated Installation >20' To 25', Add	4.76	
	For Elevated Installation >25' To 30', Add	6.66	
	For Elevated Installation >30' To 35', Add	7.61	
	For Elevated Installation >35' To 40', Add	9.51	
	For Elevated Installation >40', Add	10.46	
23 31 13 16-0064	EA 5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector.....	22.15	
	For Seal Class B, Add	3.00	
	For Seal Class A, Add	8.00	
	For Work In Restricted Working Space, Add	6.00	
	For Elevated Installation >10' To 15', Add	2.00	
	For Elevated Installation >15' To 20', Add	4.00	
	For Elevated Installation >20' To 25', Add	5.00	
	For Elevated Installation >25' To 30', Add	7.00	
	For Elevated Installation >30' To 35', Add	8.00	
	For Elevated Installation >35' To 40', Add	10.00	
	For Elevated Installation >40', Add	10.99	
23 31 13 16-0065	EA 6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector.....	23.72	
	For Seal Class B, Add	3.21	
	For Seal Class A, Add	8.56	
	For Work In Restricted Working Space, Add	6.42	
	For Elevated Installation >10' To 15', Add	2.14	
	For Elevated Installation >15' To 20', Add	4.28	
	For Elevated Installation >20' To 25', Add	5.35	
	For Elevated Installation >25' To 30', Add	7.49	
	For Elevated Installation >30' To 35', Add	8.56	
	For Elevated Installation >35' To 40', Add	10.70	
	For Elevated Installation >40', Add	11.77	
23 31 13 16-0066	EA 7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector.....	25.25	
	For Seal Class B, Add	3.39	
	For Seal Class A, Add	9.04	
	For Work In Restricted Working Space, Add	6.78	
	For Elevated Installation >10' To 15', Add	2.26	
	For Elevated Installation >15' To 20', Add	4.52	
	For Elevated Installation >20' To 25', Add	5.65	
	For Elevated Installation >25' To 30', Add	7.91	
	For Elevated Installation >30' To 35', Add	9.04	
	For Elevated Installation >35' To 40', Add	11.30	
	For Elevated Installation >40', Add	12.43	
23 31 13 16-0067	EA 8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector.....	27.38	
	For Seal Class B, Add	3.66	
	For Seal Class A, Add	9.75	
	For Work In Restricted Working Space, Add	7.31	
	For Elevated Installation >10' To 15', Add	2.44	
	For Elevated Installation >15' To 20', Add	4.88	
	For Elevated Installation >20' To 25', Add	6.10	
	For Elevated Installation >25' To 30', Add	8.53	
	For Elevated Installation >30' To 35', Add	9.75	
	For Elevated Installation >35' To 40', Add	12.19	
	For Elevated Installation >40', Add	13.41	
23 31 13 16-0068	EA 10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector.....	31.95	
	For Seal Class B, Add	4.08	
	For Seal Class A, Add	10.89	
	For Work In Restricted Working Space, Add	8.17	
	For Elevated Installation >10' To 15', Add	2.72	
	For Elevated Installation >15' To 20', Add	5.45	
	For Elevated Installation >20' To 25', Add	6.81	
	For Elevated Installation >25' To 30', Add	9.53	
	For Elevated Installation >30' To 35', Add	10.89	
	For Elevated Installation >35' To 40', Add	13.62	
	For Elevated Installation >40', Add	14.98	
23 31 13 16-0069	EA 12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector.....	43.75	
	For Seal Class B, Add	5.71	
	For Seal Class A, Add	15.22	
	For Work In Restricted Working Space, Add	11.42	
	For Elevated Installation >10' To 15', Add	3.81	
	For Elevated Installation >15' To 20', Add	7.61	
	For Elevated Installation >20' To 25', Add	9.52	
	For Elevated Installation >25' To 30', Add	13.32	
	For Elevated Installation >30' To 35', Add	15.22	
	For Elevated Installation >35' To 40', Add	19.03	
	For Elevated Installation >40', Add	20.93	
23 31 13 16-0070	EA 14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector.....	49.92	
	For Seal Class B, Add	6.50	
	For Seal Class A, Add	17.32	
	For Work In Restricted Working Space, Add	12.99	
	For Elevated Installation >10' To 15', Add	4.33	
	For Elevated Installation >15' To 20', Add	8.66	
	For Elevated Installation >20' To 25', Add	10.83	
	For Elevated Installation >25' To 30', Add	15.16	
	For Elevated Installation >30' To 35', Add	17.32	
	For Elevated Installation >35' To 40', Add	21.65	
	For Elevated Installation >40', Add	23.82	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 31 13 16-0071	EA		16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector.....	54.86	
			<i>For Seal Class B, Add</i>	7.12	
			<i>For Seal Class A, Add</i>	18.98	
			<i>For Work In Restricted Working Space, Add</i>	14.24	
			<i>For Elevated Installation >10' To 15', Add</i>	4.75	
			<i>For Elevated Installation >15' To 20', Add</i>	9.49	
			<i>For Elevated Installation >20' To 25', Add</i>	11.86	
			<i>For Elevated Installation >25' To 30', Add</i>	16.61	
			<i>For Elevated Installation >30' To 35', Add</i>	18.98	
			<i>For Elevated Installation >35' To 40', Add</i>	23.73	
			<i>For Elevated Installation >40', Add</i>	26.10	
23 31 13 16-0072	EA		18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector.....	59.65	
			<i>For Seal Class B, Add</i>	7.71	
			<i>For Seal Class A, Add</i>	20.55	
			<i>For Work In Restricted Working Space, Add</i>	15.41	
			<i>For Elevated Installation >10' To 15', Add</i>	5.14	
			<i>For Elevated Installation >15' To 20', Add</i>	10.27	
			<i>For Elevated Installation >20' To 25', Add</i>	12.84	
			<i>For Elevated Installation >25' To 30', Add</i>	17.98	
			<i>For Elevated Installation >30' To 35', Add</i>	20.55	
			<i>For Elevated Installation >35' To 40', Add</i>	25.69	
			<i>For Elevated Installation >40', Add</i>	28.25	
23 31 13 16-0073	EA		20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector.....	64.99	
			<i>For Seal Class B, Add</i>	8.40	
			<i>For Seal Class A, Add</i>	22.40	
			<i>For Work In Restricted Working Space, Add</i>	16.80	
			<i>For Elevated Installation >10' To 15', Add</i>	5.60	
			<i>For Elevated Installation >15' To 20', Add</i>	11.20	
			<i>For Elevated Installation >20' To 25', Add</i>	14.00	
			<i>For Elevated Installation >25' To 30', Add</i>	19.60	
			<i>For Elevated Installation >30' To 35', Add</i>	22.40	
			<i>For Elevated Installation >35' To 40', Add</i>	28.01	
			<i>For Elevated Installation >40', Add</i>	30.81	
23 31 13 16-0074			Slip Joint, Galvanized, Spiral Duct And Fittings <small>(23 31 13 16)</small>		
23 31 13 16-0075			Slip Joint, Galvanized, Spiral Duct <small>(23 31 13 16-0074)</small>		
23 31 13 16-0076	LF		4" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct.....	10.76	1.10
			<i>For Seal Class B, Add</i>	0.88	
			<i>For Seal Class A, Add</i>	2.35	
			<i>For Up To 20', Add</i>	1.46	
			<i>For >20' To 50', Add</i>	0.59	
			<i>For >200' To 500', Deduct</i>	-0.37	
			<i>For >500', Deduct</i>	-0.61	
			<i>For 24 Gauge, Add</i>	0.98	
			<i>For 22 Gauge, Add</i>	2.24	
			<i>For 20 Gauge, Add</i>	3.66	
			<i>For 18 Gauge, Add</i>	5.61	
			<i>For 16 Gauge, Add</i>	6.83	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	3.61	
			<i>For Work In Restricted Working Space, Add</i>	1.76	
23 31 13 16-0077	LF		6" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct.....	14.12	2.20
			<i>For Seal Class B, Add</i>	1.06	
			<i>For Seal Class A, Add</i>	2.82	
			<i>For Up To 20', Add</i>	2.12	
			<i>For >20' To 50', Add</i>	0.85	
			<i>For >200' To 500', Deduct</i>	-0.53	
			<i>For >500', Deduct</i>	-0.88	
			<i>For 24 Gauge, Add</i>	1.41	
			<i>For 22 Gauge, Add</i>	3.25	
			<i>For 20 Gauge, Add</i>	5.30	
			<i>For 18 Gauge, Add</i>	8.12	
			<i>For 16 Gauge, Add</i>	9.88	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	5.22	
			<i>For Work In Restricted Working Space, Add</i>	2.12	
23 31 13 16-0078	LF		8" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct.....	18.04	2.20
			<i>For Seal Class B, Add</i>	1.31	
			<i>For Seal Class A, Add</i>	3.50	
			<i>For Up To 20', Add</i>	2.79	
			<i>For >20' To 50', Add</i>	1.11	
			<i>For >200' To 500', Deduct</i>	-0.70	
			<i>For >500', Deduct</i>	-1.16	
			<i>For 24 Gauge, Add</i>	1.86	
			<i>For 22 Gauge, Add</i>	4.27	
			<i>For 20 Gauge, Add</i>	6.97	
			<i>For 18 Gauge, Add</i>	10.68	
			<i>For 16 Gauge, Add</i>	13.01	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	6.87	
			<i>For Work In Restricted Working Space, Add</i>	2.63	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts and Casings



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 31 13 16-0079	LF	10" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct.....	21.99	2.20
		For Seal Class B, Add	1.58	
		For Seal Class A, Add	4.21	
		For Up To 20', Add	3.44	
		For >20' To 50', Add	1.38	
		For >200' To 500', Deduct	-0.86	
		For >500', Deduct	-1.43	
		For 24 Gauge, Add	2.29	
		For 22 Gauge, Add	5.28	
		For 20 Gauge, Add	8.60	
		For 18 Gauge, Add	13.19	
		For 16 Gauge, Add	16.06	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	8.49	
		For Work In Restricted Working Space, Add	3.16	
23 31 13 16-0080	LF	12" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct.....	27.28	3.29
		For Seal Class B, Add	1.98	
		For Seal Class A, Add	5.27	
		For Up To 20', Add	4.23	
		For >20' To 50', Add	1.69	
		For >200' To 500', Deduct	-1.06	
		For >500', Deduct	-1.76	
		For 24 Gauge, Add	2.82	
		For 22 Gauge, Add	6.49	
		For 20 Gauge, Add	10.58	
		For 18 Gauge, Add	16.23	
		For 16 Gauge, Add	19.75	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	10.44	
		For Work In Restricted Working Space, Add	3.95	
23 31 13 16-0081	LF	14" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct.....	32.81	3.29
		For Seal Class B, Add	2.47	
		For Seal Class A, Add	6.58	
		For Up To 20', Add	4.91	
		For >20' To 50', Add	1.96	
		For >200' To 500', Deduct	-1.23	
		For >500', Deduct	-2.04	
		For 24 Gauge, Add	3.27	
		For 22 Gauge, Add	7.52	
		For 20 Gauge, Add	12.26	
		For 18 Gauge, Add	18.80	
		For 16 Gauge, Add	22.89	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	12.10	
		For Work In Restricted Working Space, Add	4.94	
23 31 13 16-0082	LF	16" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct.....	45.67	3.29
		For Seal Class B, Add	3.29	
		For Seal Class A, Add	8.77	
		For Up To 20', Add	7.13	
		For >20' To 50', Add	2.85	
		For >200' To 500', Deduct	-1.78	
		For >500', Deduct	-2.97	
		For 24 Gauge, Add	4.75	
		For 22 Gauge, Add	10.93	
		For 20 Gauge, Add	17.81	
		For 18 Gauge, Add	27.31	
		For 16 Gauge, Add	33.25	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	17.58	
		For Work In Restricted Working Space, Add	6.58	
23 31 13 16-0083	LF	18" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct.....	51.88	4.39
		For Seal Class B, Add	3.83	
		For Seal Class A, Add	10.22	
		For Up To 20', Add	7.90	
		For >20' To 50', Add	3.16	
		For >200' To 500', Deduct	-1.97	
		For >500', Deduct	-3.29	
		For 24 Gauge, Add	5.27	
		For 22 Gauge, Add	12.11	
		For 20 Gauge, Add	19.75	
		For 18 Gauge, Add	30.28	
		For 16 Gauge, Add	36.86	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	19.48	
		For Work In Restricted Working Space, Add	7.67	
23 31 13 16-0084	LF	20" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct.....	58.38	4.39
		For Seal Class B, Add	4.35	
		For Seal Class A, Add	11.60	
		For Up To 20', Add	8.81	
		For >20' To 50', Add	3.52	
		For >200' To 500', Deduct	-2.20	
		For >500', Deduct	-3.67	
		For 24 Gauge, Add	5.87	
		For 22 Gauge, Add	13.51	
		For 20 Gauge, Add	22.03	
		For 18 Gauge, Add	33.78	
		For 16 Gauge, Add	41.12	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	21.73	
		For Work In Restricted Working Space, Add	8.70	

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 31 13 16-0085	LF	22" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct.....	65.15		5.49
		For Seal Class B, Add		4.90	
		For Seal Class A, Add		13.07	
		For Up To 20', Add		9.74	
		For >20' To 50', Add		3.90	
		For >200' To 500', Deduct		-2.44	
		For >500', Deduct		-4.06	
		For 24 Gauge, Add		6.49	
		For 22 Gauge, Add		14.94	
		For 20 Gauge, Add		24.35	
		For 18 Gauge, Add		37.34	
		For 16 Gauge, Add		45.46	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add		24.03	
		For Work In Restricted Working Space, Add		9.80	
23 31 13 16-0086	LF	24" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct.....	71.85		6.59
		For Seal Class B, Add		5.49	
		For Seal Class A, Add		14.63	
		For Up To 20', Add		10.58	
		For >20' To 50', Add		4.23	
		For >200' To 500', Deduct		-2.65	
		For >500', Deduct		-4.41	
		For 24 Gauge, Add		7.06	
		For 22 Gauge, Add		16.23	
		For 20 Gauge, Add		26.46	
		For 18 Gauge, Add		40.57	
		For 16 Gauge, Add		49.39	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add		26.11	
		For Work In Restricted Working Space, Add		10.97	
23 31 13 16-0087		Slip Joint, Galvanized, Spiral 90 Degree Elbows (23 31 13 16-0074)			
23 31 13 16-0088	EA	4" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	70.24		15.36
		For Seal Class B, Add		8.90	
		For Seal Class A, Add		23.72	
		For 24 Gauge, Add		2.19	
		For 22 Gauge, Add		5.03	
		For 20 Gauge, Add		8.20	
		For 18 Gauge, Add		12.57	
		For 16 Gauge, Add		15.30	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add		8.09	
		For Work In Restricted Working Space, Add		17.79	
23 31 13 16-0089	EA	6" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	103.29		21.95
		For Seal Class B, Add		13.17	
		For Seal Class A, Add		35.11	
		For 24 Gauge, Add		3.10	
		For 22 Gauge, Add		7.13	
		For 20 Gauge, Add		11.63	
		For 18 Gauge, Add		17.84	
		For 16 Gauge, Add		21.71	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add		11.48	
		For Work In Restricted Working Space, Add		26.33	
23 31 13 16-0090	EA	8" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	145.09		28.53
		For Seal Class B, Add		17.33	
		For Seal Class A, Add		46.20	
		For 24 Gauge, Add		5.92	
		For 22 Gauge, Add		13.61	
		For 20 Gauge, Add		22.19	
		For 18 Gauge, Add		34.02	
		For 16 Gauge, Add		41.41	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add		21.89	
		For Work In Restricted Working Space, Add		34.65	
23 31 13 16-0091	EA	10" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	181.14		36.22
		For Seal Class B, Add		21.95	
		For Seal Class A, Add		58.52	
		For 24 Gauge, Add		6.97	
		For 22 Gauge, Add		16.02	
		For 20 Gauge, Add		26.12	
		For 18 Gauge, Add		40.05	
		For 16 Gauge, Add		48.76	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add		25.77	
		For Work In Restricted Working Space, Add		43.89	
23 31 13 16-0092	EA	12" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	223.79		46.09
		For Seal Class B, Add		27.43	
		For Seal Class A, Add		73.16	
		For 24 Gauge, Add		8.18	
		For 22 Gauge, Add		18.81	
		For 20 Gauge, Add		30.68	
		For 18 Gauge, Add		47.04	
		For 16 Gauge, Add		57.26	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add		30.27	
		For Work In Restricted Working Space, Add		54.87	
23 31 13 16-0093	EA	14" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	245.04		50.48
		For Seal Class B, Add		29.93	
		For Seal Class A, Add		79.80	
		For 24 Gauge, Add		9.11	
		For 22 Gauge, Add		20.94	
		For 20 Gauge, Add		34.15	
		For 18 Gauge, Add		52.36	
		For 16 Gauge, Add		63.74	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add		33.69	
		For Work In Restricted Working Space, Add		59.85	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts and Casings



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 31 13 16-0094	EA	16" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	289.27	59.25
		<i>For Seal Class B, Add</i>	35.40	
		<i>For Seal Class A, Add</i>	94.40	
		<i>For 24 Gauge, Add</i>	10.66	
		<i>For 22 Gauge, Add</i>	24.51	
		<i>For 20 Gauge, Add</i>	39.96	
		<i>For 18 Gauge, Add</i>	61.27	
		<i>For 16 Gauge, Add</i>	74.59	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	39.43	
		<i>For Work In Restricted Working Space, Add</i>	70.80	
23 31 13 16-0095	EA	18" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	353.93	73.52
		<i>For Seal Class B, Add</i>	43.89	
		<i>For Seal Class A, Add</i>	117.05	
		<i>For 24 Gauge, Add</i>	12.26	
		<i>For 22 Gauge, Add</i>	28.20	
		<i>For 20 Gauge, Add</i>	45.98	
		<i>For 18 Gauge, Add</i>	70.51	
		<i>For 16 Gauge, Add</i>	85.83	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	45.37	
		<i>For Work In Restricted Working Space, Add</i>	87.79	
23 31 13 16-0096	EA	20" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	426.34	88.88
		<i>For Seal Class B, Add</i>	53.10	
		<i>For Seal Class A, Add</i>	141.59	
		<i>For 24 Gauge, Add</i>	14.47	
		<i>For 22 Gauge, Add</i>	33.29	
		<i>For 20 Gauge, Add</i>	54.28	
		<i>For 18 Gauge, Add</i>	83.23	
		<i>For 16 Gauge, Add</i>	101.32	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	53.55	
		<i>For Work In Restricted Working Space, Add</i>	106.19	
23 31 13 16-0097	EA	22" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	496.22	103.15
		<i>For Seal Class B, Add</i>	62.11	
		<i>For Seal Class A, Add</i>	165.63	
		<i>For 24 Gauge, Add</i>	16.43	
		<i>For 22 Gauge, Add</i>	37.78	
		<i>For 20 Gauge, Add</i>	61.61	
		<i>For 18 Gauge, Add</i>	94.46	
		<i>For 16 Gauge, Add</i>	115.00	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	60.78	
		<i>For Work In Restricted Working Space, Add</i>	124.22	
23 31 13 16-0098	EA	24" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	568.31	117.41
		<i>For Seal Class B, Add</i>	70.04	
		<i>For Seal Class A, Add</i>	186.78	
		<i>For 24 Gauge, Add</i>	20.27	
		<i>For 22 Gauge, Add</i>	46.63	
		<i>For 20 Gauge, Add</i>	76.02	
		<i>For 18 Gauge, Add</i>	116.56	
		<i>For 16 Gauge, Add</i>	141.90	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	75.01	
		<i>For Work In Restricted Working Space, Add</i>	140.09	
23 31 13 16-0099		Slip Joint, Galvanized, Spiral Duct 45 Degree Elbows (23 31 13 16-0074)		
23 31 13 16-0100	EA	4" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	70.75	15.36
		<i>For Seal Class B, Add</i>	8.90	
		<i>For Seal Class A, Add</i>	23.72	
		<i>For 24 Gauge, Add</i>	2.29	
		<i>For 22 Gauge, Add</i>	5.26	
		<i>For 20 Gauge, Add</i>	8.58	
		<i>For 18 Gauge, Add</i>	13.16	
		<i>For 16 Gauge, Add</i>	16.02	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	8.47	
		<i>For Work In Restricted Working Space, Add</i>	17.79	
23 31 13 16-0101	EA	6" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	100.63	21.95
		<i>For Seal Class B, Add</i>	13.17	
		<i>For Seal Class A, Add</i>	35.11	
		<i>For 24 Gauge, Add</i>	2.57	
		<i>For 22 Gauge, Add</i>	5.91	
		<i>For 20 Gauge, Add</i>	9.64	
		<i>For 18 Gauge, Add</i>	14.78	
		<i>For 16 Gauge, Add</i>	17.99	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	9.51	
		<i>For Work In Restricted Working Space, Add</i>	26.33	
23 31 13 16-0102	EA	8" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	132.74	28.53
		<i>For Seal Class B, Add</i>	17.33	
		<i>For Seal Class A, Add</i>	46.20	
		<i>For 24 Gauge, Add</i>	3.45	
		<i>For 22 Gauge, Add</i>	7.93	
		<i>For 20 Gauge, Add</i>	12.92	
		<i>For 18 Gauge, Add</i>	19.81	
		<i>For 16 Gauge, Add</i>	24.12	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	12.75	
		<i>For Work In Restricted Working Space, Add</i>	34.65	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0103	EA		10" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	167.85	36.22
			<i>For Seal Class B, Add</i>	21.95	
			<i>For Seal Class A, Add</i>	58.52	
			<i>For 24 Gauge, Add</i>	4.31	
			<i>For 22 Gauge, Add</i>	9.91	
			<i>For 20 Gauge, Add</i>	16.16	
			<i>For 18 Gauge, Add</i>	24.77	
			<i>For 16 Gauge, Add</i>	30.16	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	15.94	
			<i>For Work In Restricted Working Space, Add</i>	43.89	
23 31 13 16-0104	EA		12" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	207.92	46.09
			<i>For Seal Class B, Add</i>	27.43	
			<i>For Seal Class A, Add</i>	73.16	
			<i>For 24 Gauge, Add</i>	5.01	
			<i>For 22 Gauge, Add</i>	11.51	
			<i>For 20 Gauge, Add</i>	18.77	
			<i>For 18 Gauge, Add</i>	28.78	
			<i>For 16 Gauge, Add</i>	35.04	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	18.52	
			<i>For Work In Restricted Working Space, Add</i>	54.87	
23 31 13 16-0105	EA		14" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	227.34	50.48
			<i>For Seal Class B, Add</i>	29.93	
			<i>For Seal Class A, Add</i>	79.80	
			<i>For 24 Gauge, Add</i>	5.57	
			<i>For 22 Gauge, Add</i>	12.80	
			<i>For 20 Gauge, Add</i>	20.87	
			<i>For 18 Gauge, Add</i>	32.00	
			<i>For 16 Gauge, Add</i>	38.96	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	20.59	
			<i>For Work In Restricted Working Space, Add</i>	59.85	
23 31 13 16-0106	EA		16" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	281.61	59.25
			<i>For Seal Class B, Add</i>	35.40	
			<i>For Seal Class A, Add</i>	94.40	
			<i>For 24 Gauge, Add</i>	9.12	
			<i>For 22 Gauge, Add</i>	20.99	
			<i>For 20 Gauge, Add</i>	34.22	
			<i>For 18 Gauge, Add</i>	52.46	
			<i>For 16 Gauge, Add</i>	63.87	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	33.76	
			<i>For Work In Restricted Working Space, Add</i>	70.80	
23 31 13 16-0107	EA		18" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	348.50	73.52
			<i>For Seal Class B, Add</i>	43.89	
			<i>For Seal Class A, Add</i>	117.05	
			<i>For 24 Gauge, Add</i>	11.18	
			<i>For 22 Gauge, Add</i>	25.70	
			<i>For 20 Gauge, Add</i>	41.91	
			<i>For 18 Gauge, Add</i>	64.26	
			<i>For 16 Gauge, Add</i>	78.23	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	41.35	
			<i>For Work In Restricted Working Space, Add</i>	87.79	
23 31 13 16-0108	EA		20" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	424.68	88.88
			<i>For Seal Class B, Add</i>	53.10	
			<i>For Seal Class A, Add</i>	141.59	
			<i>For 24 Gauge, Add</i>	14.14	
			<i>For 22 Gauge, Add</i>	32.53	
			<i>For 20 Gauge, Add</i>	53.03	
			<i>For 18 Gauge, Add</i>	81.32	
			<i>For 16 Gauge, Add</i>	98.99	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	52.33	
			<i>For Work In Restricted Working Space, Add</i>	106.19	
23 31 13 16-0109	EA		22" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	477.38	103.15
			<i>For Seal Class B, Add</i>	62.11	
			<i>For Seal Class A, Add</i>	165.63	
			<i>For 24 Gauge, Add</i>	12.66	
			<i>For 22 Gauge, Add</i>	29.12	
			<i>For 20 Gauge, Add</i>	47.48	
			<i>For 18 Gauge, Add</i>	72.80	
			<i>For 16 Gauge, Add</i>	88.62	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	46.84	
			<i>For Work In Restricted Working Space, Add</i>	124.22	
23 31 13 16-0110	EA		24" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	561.61	117.41
			<i>For Seal Class B, Add</i>	70.04	
			<i>For Seal Class A, Add</i>	186.78	
			<i>For 24 Gauge, Add</i>	18.93	
			<i>For 22 Gauge, Add</i>	43.54	
			<i>For 20 Gauge, Add</i>	71.00	
			<i>For 18 Gauge, Add</i>	108.86	
			<i>For 16 Gauge, Add</i>	132.52	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	70.05	
			<i>For Work In Restricted Working Space, Add</i>	140.09	

23 31 13 16-0111 Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Laterals (23 31 13 16-0074)

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0112	EA		6" x 6" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	140.10	28.53
			<i>For Seal Class B, Add</i>	17.33	
			<i>For Seal Class A, Add</i>	46.20	
			<i>For 24 Gauge, Add</i>	4.92	
			<i>For 22 Gauge, Add</i>	11.31	
			<i>For 20 Gauge, Add</i>	18.44	
			<i>For 18 Gauge, Add</i>	28.28	
			<i>For 16 Gauge, Add</i>	34.43	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	18.20	
			<i>For Work In Restricted Working Space, Add</i>	34.65	
23 31 13 16-0113	EA		8" x 8" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	208.67	46.09
			<i>For Seal Class B, Add</i>	27.43	
			<i>For Seal Class A, Add</i>	73.16	
			<i>For 24 Gauge, Add</i>	5.16	
			<i>For 22 Gauge, Add</i>	11.86	
			<i>For 20 Gauge, Add</i>	19.34	
			<i>For 18 Gauge, Add</i>	29.65	
			<i>For 16 Gauge, Add</i>	36.09	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	19.08	
			<i>For Work In Restricted Working Space, Add</i>	54.87	
23 31 13 16-0114	EA		10" x 10" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	264.29	59.25
			<i>For Seal Class B, Add</i>	35.40	
			<i>For Seal Class A, Add</i>	94.40	
			<i>For 24 Gauge, Add</i>	5.66	
			<i>For 22 Gauge, Add</i>	13.02	
			<i>For 20 Gauge, Add</i>	21.23	
			<i>For 18 Gauge, Add</i>	32.55	
			<i>For 16 Gauge, Add</i>	39.62	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	20.94	
			<i>For Work In Restricted Working Space, Add</i>	70.80	
23 31 13 16-0115	EA		12" x 12" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	322.18	73.52
			<i>For Seal Class B, Add</i>	43.89	
			<i>For Seal Class A, Add</i>	117.05	
			<i>For 24 Gauge, Add</i>	5.91	
			<i>For 22 Gauge, Add</i>	13.60	
			<i>For 20 Gauge, Add</i>	22.17	
			<i>For 18 Gauge, Add</i>	33.99	
			<i>For 16 Gauge, Add</i>	41.38	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	21.87	
			<i>For Work In Restricted Working Space, Add</i>	87.79	
23 31 13 16-0116	EA		14" x 14" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	384.50	88.88
			<i>For Seal Class B, Add</i>	53.10	
			<i>For Seal Class A, Add</i>	141.59	
			<i>For 24 Gauge, Add</i>	6.11	
			<i>For 22 Gauge, Add</i>	14.04	
			<i>For 20 Gauge, Add</i>	22.90	
			<i>For 18 Gauge, Add</i>	35.11	
			<i>For 16 Gauge, Add</i>	42.74	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	22.59	
			<i>For Work In Restricted Working Space, Add</i>	106.19	
23 31 13 16-0117	EA		16" x 16" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	447.28	103.15
			<i>For Seal Class B, Add</i>	62.11	
			<i>For Seal Class A, Add</i>	165.63	
			<i>For 24 Gauge, Add</i>	6.64	
			<i>For 22 Gauge, Add</i>	15.27	
			<i>For 20 Gauge, Add</i>	24.90	
			<i>For 18 Gauge, Add</i>	38.18	
			<i>For 16 Gauge, Add</i>	46.48	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	24.57	
			<i>For Work In Restricted Working Space, Add</i>	124.22	
23 31 13 16-0118	EA		18" x 18" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	501.49	117.41
			<i>For Seal Class B, Add</i>	70.04	
			<i>For Seal Class A, Add</i>	186.78	
			<i>For 24 Gauge, Add</i>	6.91	
			<i>For 22 Gauge, Add</i>	15.89	
			<i>For 20 Gauge, Add</i>	25.91	
			<i>For 18 Gauge, Add</i>	39.72	
			<i>For 16 Gauge, Add</i>	48.36	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	25.56	
			<i>For Work In Restricted Working Space, Add</i>	140.09	
23 31 13 16-0119	EA		20" x 20" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	571.08	133.87
			<i>For Seal Class B, Add</i>	80.29	
			<i>For Seal Class A, Add</i>	214.11	
			<i>For 24 Gauge, Add</i>	7.16	
			<i>For 22 Gauge, Add</i>	16.47	
			<i>For 20 Gauge, Add</i>	26.85	
			<i>For 18 Gauge, Add</i>	41.17	
			<i>For 16 Gauge, Add</i>	50.12	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	26.49	
			<i>For Work In Restricted Working Space, Add</i>	160.58	
23 31 13 16-0120	EA		22" x 22" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	636.22	148.14
			<i>For Seal Class B, Add</i>	88.97	
			<i>For Seal Class A, Add</i>	237.26	
			<i>For 24 Gauge, Add</i>	8.62	
			<i>For 22 Gauge, Add</i>	19.82	
			<i>For 20 Gauge, Add</i>	32.31	
			<i>For 18 Gauge, Add</i>	49.54	
			<i>For 16 Gauge, Add</i>	60.31	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	31.88	
			<i>For Work In Restricted Working Space, Add</i>	177.94	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0121	EA	24" x 24" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	689.98	161.31	
		<i>For Seal Class B, Add</i>	96.82		
		<i>For Seal Class A, Add</i>	258.20		
		<i>For 24 Gauge, Add</i>	8.90		
		<i>For 22 Gauge, Add</i>	20.47		
		<i>For 20 Gauge, Add</i>	33.37		
		<i>For 18 Gauge, Add</i>	51.16		
		<i>For 16 Gauge, Add</i>	62.29		
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	32.92		
		<i>For Work In Restricted Working Space, Add</i>	193.65		
23 31 13 16-0122	EA	8" x 8" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	220.60	49.70	
		<i>For Seal Class B, Add</i>	29.84		
		<i>For Seal Class A, Add</i>	79.58		
		<i>For 24 Gauge, Add</i>	4.33		
		<i>For 22 Gauge, Add</i>	9.96		
		<i>For 20 Gauge, Add</i>	16.25		
		<i>For 18 Gauge, Add</i>	24.91		
		<i>For 16 Gauge, Add</i>	30.32		
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	16.03		
		<i>For Work In Restricted Working Space, Add</i>	59.68		
23 31 13 16-0123	EA	10" x 10" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	266.51	59.81	
		<i>For Seal Class B, Add</i>	35.88		
		<i>For Seal Class A, Add</i>	95.67		
		<i>For 24 Gauge, Add</i>	5.47		
		<i>For 22 Gauge, Add</i>	12.58		
		<i>For 20 Gauge, Add</i>	20.51		
		<i>For 18 Gauge, Add</i>	31.44		
		<i>For 16 Gauge, Add</i>	38.28		
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	20.23		
		<i>For Work In Restricted Working Space, Add</i>	71.75		
23 31 13 16-0124	EA	12" x 12" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	323.80	72.64	
		<i>For Seal Class B, Add</i>	43.59		
		<i>For Seal Class A, Add</i>	116.24		
		<i>For 24 Gauge, Add</i>	6.64		
		<i>For 22 Gauge, Add</i>	15.27		
		<i>For 20 Gauge, Add</i>	24.89		
		<i>For 18 Gauge, Add</i>	38.17		
		<i>For 16 Gauge, Add</i>	46.47		
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	24.56		
		<i>For Work In Restricted Working Space, Add</i>	87.18		
23 31 13 16-0125	EA	14" x 14" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	385.46	86.36	
		<i>For Seal Class B, Add</i>	51.89		
		<i>For Seal Class A, Add</i>	138.38		
		<i>For 24 Gauge, Add</i>	7.90		
		<i>For 22 Gauge, Add</i>	18.18		
		<i>For 20 Gauge, Add</i>	29.64		
		<i>For 18 Gauge, Add</i>	45.45		
		<i>For 16 Gauge, Add</i>	55.33		
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	29.24		
		<i>For Work In Restricted Working Space, Add</i>	103.78		
23 31 13 16-0126	EA	16" x 16" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	489.71	111.05	
		<i>For Seal Class B, Add</i>	66.59		
		<i>For Seal Class A, Add</i>	177.56		
		<i>For 24 Gauge, Add</i>	9.16		
		<i>For 22 Gauge, Add</i>	21.07		
		<i>For 20 Gauge, Add</i>	34.36		
		<i>For 18 Gauge, Add</i>	52.68		
		<i>For 16 Gauge, Add</i>	64.13		
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	33.90		
		<i>For Work In Restricted Working Space, Add</i>	133.17		
23 31 13 16-0127	EA	18" x 18" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	543.86	123.23	
		<i>For Seal Class B, Add</i>	73.88		
		<i>For Seal Class A, Add</i>	197.01		
		<i>For 24 Gauge, Add</i>	10.27		
		<i>For 22 Gauge, Add</i>	23.62		
		<i>For 20 Gauge, Add</i>	38.51		
		<i>For 18 Gauge, Add</i>	59.04		
		<i>For 16 Gauge, Add</i>	71.88		
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	37.99		
		<i>For Work In Restricted Working Space, Add</i>	147.76		
23 31 13 16-0128	EA	20" x 20" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	618.30	140.24	
		<i>For Seal Class B, Add</i>	83.98		
		<i>For Seal Class A, Add</i>	223.94		
		<i>For 24 Gauge, Add</i>	11.69		
		<i>For 22 Gauge, Add</i>	26.88		
		<i>For 20 Gauge, Add</i>	43.83		
		<i>For 18 Gauge, Add</i>	67.21		
		<i>For 16 Gauge, Add</i>	81.82		
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	43.25		
		<i>For Work In Restricted Working Space, Add</i>	167.96		
23 31 13 16-0129	EA	22" x 22" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	662.80	149.57	
		<i>For Seal Class B, Add</i>	89.65		
		<i>For Seal Class A, Add</i>	239.07		
		<i>For 24 Gauge, Add</i>	13.03		
		<i>For 22 Gauge, Add</i>	29.96		
		<i>For 20 Gauge, Add</i>	48.85		
		<i>For 18 Gauge, Add</i>	74.90		
		<i>For 16 Gauge, Add</i>	91.18		
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	48.20		
		<i>For Work In Restricted Working Space, Add</i>	179.30		

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0130	EA		24" x 24" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	719.12	162.19
			<i>For Seal Class B, Add</i>	97.28	
			<i>For Seal Class A, Add</i>	259.42	
			<i>For 24 Gauge, Add</i>	14.12	
			<i>For 22 Gauge, Add</i>	32.47	
			<i>For 20 Gauge, Add</i>	52.94	
			<i>For 18 Gauge, Add</i>	81.17	
			<i>For 16 Gauge, Add</i>	98.81	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	52.23	
			<i>For Work In Restricted Working Space, Add</i>	194.56	
23 31 13 16-0131	EA		10" x 10" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	291.82	65.84
			<i>For Seal Class B, Add</i>	39.45	
			<i>For Seal Class A, Add</i>	105.21	
			<i>For 24 Gauge, Add</i>	5.76	
			<i>For 22 Gauge, Add</i>	13.24	
			<i>For 20 Gauge, Add</i>	21.59	
			<i>For 18 Gauge, Add</i>	33.11	
			<i>For 16 Gauge, Add</i>	40.31	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	21.30	
			<i>For Work In Restricted Working Space, Add</i>	78.91	
23 31 13 16-0132	EA		12" x 12" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	354.65	80.11
			<i>For Seal Class B, Add</i>	47.96	
			<i>For Seal Class A, Add</i>	127.89	
			<i>For 24 Gauge, Add</i>	6.98	
			<i>For 22 Gauge, Add</i>	16.06	
			<i>For 20 Gauge, Add</i>	26.19	
			<i>For 18 Gauge, Add</i>	40.16	
			<i>For 16 Gauge, Add</i>	48.89	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	25.84	
			<i>For Work In Restricted Working Space, Add</i>	95.92	
23 31 13 16-0133	EA		14" x 14" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	422.11	94.92
			<i>For Seal Class B, Add</i>	57.07	
			<i>For Seal Class A, Add</i>	152.20	
			<i>For 24 Gauge, Add</i>	8.32	
			<i>For 22 Gauge, Add</i>	19.15	
			<i>For 20 Gauge, Add</i>	31.22	
			<i>For 18 Gauge, Add</i>	47.86	
			<i>For 16 Gauge, Add</i>	58.27	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	30.80	
			<i>For Work In Restricted Working Space, Add</i>	114.15	
23 31 13 16-0134	EA		16" x 16" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	489.99	110.61
			<i>For Seal Class B, Add</i>	66.26	
			<i>For Seal Class A, Add</i>	176.70	
			<i>For 24 Gauge, Add</i>	9.65	
			<i>For 22 Gauge, Add</i>	22.19	
			<i>For 20 Gauge, Add</i>	36.17	
			<i>For 18 Gauge, Add</i>	55.46	
			<i>For 16 Gauge, Add</i>	67.52	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	35.69	
			<i>For Work In Restricted Working Space, Add</i>	132.53	
23 31 13 16-0135	EA		18" x 18" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	548.33	123.67
			<i>For Seal Class B, Add</i>	74.14	
			<i>For Seal Class A, Add</i>	197.72	
			<i>For 24 Gauge, Add</i>	10.81	
			<i>For 22 Gauge, Add</i>	24.86	
			<i>For 20 Gauge, Add</i>	40.53	
			<i>For 18 Gauge, Add</i>	62.15	
			<i>For 16 Gauge, Add</i>	75.66	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	39.99	
			<i>For Work In Restricted Working Space, Add</i>	148.29	
23 31 13 16-0136	EA		20" x 20" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	623.66	140.68
			<i>For Seal Class B, Add</i>	84.32	
			<i>For Seal Class A, Add</i>	224.86	
			<i>For 24 Gauge, Add</i>	12.30	
			<i>For 22 Gauge, Add</i>	28.29	
			<i>For 20 Gauge, Add</i>	46.13	
			<i>For 18 Gauge, Add</i>	70.73	
			<i>For 16 Gauge, Add</i>	86.10	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	45.51	
			<i>For Work In Restricted Working Space, Add</i>	168.65	
23 31 13 16-0137	EA		22" x 22" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	696.32	156.92
			<i>For Seal Class B, Add</i>	94.16	
			<i>For Seal Class A, Add</i>	251.10	
			<i>For 24 Gauge, Add</i>	13.71	
			<i>For 22 Gauge, Add</i>	31.54	
			<i>For 20 Gauge, Add</i>	51.42	
			<i>For 18 Gauge, Add</i>	78.84	
			<i>For 16 Gauge, Add</i>	95.98	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	50.73	
			<i>For Work In Restricted Working Space, Add</i>	188.33	
23 31 13 16-0138	EA		24" x 24" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	755.01	170.31
			<i>For Seal Class B, Add</i>	102.11	
			<i>For Seal Class A, Add</i>	272.29	
			<i>For 24 Gauge, Add</i>	14.86	
			<i>For 22 Gauge, Add</i>	34.17	
			<i>For 20 Gauge, Add</i>	55.71	
			<i>For 18 Gauge, Add</i>	85.42	
			<i>For 16 Gauge, Add</i>	103.99	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	54.97	
			<i>For Work In Restricted Working Space, Add</i>	204.22	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0139			Slip Joint, Galvanized, Spiral Duct Reducers (23 31 13 16-0074)		
23 31 13 16-0140	EA		6" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer.....	96.62	21.95
			For Seal Class B, Add	13.17	
			For Seal Class A, Add	35.11	
			For 24 Gauge, Add	1.77	
			For 22 Gauge, Add	4.07	
			For 20 Gauge, Add	6.63	
			For 18 Gauge, Add	10.17	
			For 16 Gauge, Add	12.38	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	6.54	
			For Work In Restricted Working Space, Add	26.33	
23 31 13 16-0141	EA		8" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer.....	125.24	28.53
			For Seal Class B, Add	17.33	
			For Seal Class A, Add	46.20	
			For 24 Gauge, Add	1.95	
			For 22 Gauge, Add	4.48	
			For 20 Gauge, Add	7.30	
			For 18 Gauge, Add	11.19	
			For 16 Gauge, Add	13.62	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	7.20	
			For Work In Restricted Working Space, Add	34.65	
23 31 13 16-0142	EA		10" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer.....	157.08	36.22
			For Seal Class B, Add	21.95	
			For Seal Class A, Add	58.52	
			For 24 Gauge, Add	2.15	
			For 22 Gauge, Add	4.95	
			For 20 Gauge, Add	8.08	
			For 18 Gauge, Add	12.39	
			For 16 Gauge, Add	15.08	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	7.97	
			For Work In Restricted Working Space, Add	43.89	
23 31 13 16-0143	EA		12" x 10", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer.....	194.70	46.09
			For Seal Class B, Add	27.43	
			For Seal Class A, Add	73.16	
			For 24 Gauge, Add	2.36	
			For 22 Gauge, Add	5.43	
			For 20 Gauge, Add	8.86	
			For 18 Gauge, Add	13.58	
			For 16 Gauge, Add	16.53	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	8.74	
			For Work In Restricted Working Space, Add	54.87	
23 31 13 16-0144	EA		14" x 12", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer.....	212.66	50.48
			For Seal Class B, Add	29.93	
			For Seal Class A, Add	79.80	
			For 24 Gauge, Add	2.63	
			For 22 Gauge, Add	6.05	
			For 20 Gauge, Add	9.86	
			For 18 Gauge, Add	15.12	
			For 16 Gauge, Add	18.41	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	9.73	
			For Work In Restricted Working Space, Add	59.85	
23 31 13 16-0145	EA		16" x 14", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer.....	258.72	59.25
			For Seal Class B, Add	35.40	
			For Seal Class A, Add	94.40	
			For 24 Gauge, Add	4.55	
			For 22 Gauge, Add	10.46	
			For 20 Gauge, Add	17.05	
			For 18 Gauge, Add	26.14	
			For 16 Gauge, Add	31.82	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	16.82	
			For Work In Restricted Working Space, Add	70.80	
23 31 13 16-0146	EA		18" x 16", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer.....	316.91	73.52
			For Seal Class B, Add	43.89	
			For Seal Class A, Add	117.05	
			For 24 Gauge, Add	4.86	
			For 22 Gauge, Add	11.17	
			For 20 Gauge, Add	18.22	
			For 18 Gauge, Add	27.93	
			For 16 Gauge, Add	34.01	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	17.97	
			For Work In Restricted Working Space, Add	87.79	
23 31 13 16-0147	EA		20" x 18", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer.....	379.89	88.88
			For Seal Class B, Add	53.10	
			For Seal Class A, Add	141.59	
			For 24 Gauge, Add	5.18	
			For 22 Gauge, Add	11.92	
			For 20 Gauge, Add	19.44	
			For 18 Gauge, Add	29.81	
			For 16 Gauge, Add	36.29	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	19.18	
			For Work In Restricted Working Space, Add	106.19	
23 31 13 16-0148	EA		22" x 20", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer.....	441.64	103.15
			For Seal Class B, Add	62.11	
			For Seal Class A, Add	165.63	
			For 24 Gauge, Add	5.51	
			For 22 Gauge, Add	12.68	
			For 20 Gauge, Add	20.67	
			For 18 Gauge, Add	31.69	
			For 16 Gauge, Add	38.58	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	20.39	
			For Work In Restricted Working Space, Add	124.22	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts and Casings



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 16-0149	EA 24" x 22", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer.....	495.99	117.41
	For Seal Class B, Add	70.04	
	For Seal Class A, Add	186.78	
	For 24 Gauge, Add	5.81	
	For 22 Gauge, Add	13.36	
	For 20 Gauge, Add	21.78	
	For 18 Gauge, Add	33.40	
	For 16 Gauge, Add	40.66	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	21.49	
	For Work In Restricted Working Space, Add	140.09	
23 31 13 16-0150	Slip Joint, Galvanized, Spiral Duct Couplings (23 31 13 16-0074)		
23 31 13 16-0151	EA 4" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling.....	63.49	15.36
	For Seal Class B, Add	8.90	
	For Seal Class A, Add	23.72	
	For 24 Gauge, Add	0.84	
	For 22 Gauge, Add	1.92	
	For 20 Gauge, Add	3.14	
	For 18 Gauge, Add	4.81	
	For 16 Gauge, Add	5.85	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	3.09	
	For Work In Restricted Working Space, Add	17.79	
23 31 13 16-0152	EA 6 Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling.....	92.53	21.95
	For Seal Class B, Add	13.17	
	For Seal Class A, Add	35.11	
	For 24 Gauge, Add	0.95	
	For 22 Gauge, Add	2.19	
	For 20 Gauge, Add	3.56	
	For 18 Gauge, Add	5.46	
	For 16 Gauge, Add	6.65	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	3.52	
	For Work In Restricted Working Space, Add	26.33	
23 31 13 16-0153	EA 8" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling.....	120.63	28.53
	For Seal Class B, Add	17.33	
	For Seal Class A, Add	46.20	
	For 24 Gauge, Add	1.02	
	For 22 Gauge, Add	2.36	
	For 20 Gauge, Add	3.84	
	For 18 Gauge, Add	5.89	
	For 16 Gauge, Add	7.17	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	3.79	
	For Work In Restricted Working Space, Add	34.65	
23 31 13 16-0154	EA 10" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling.....	151.81	36.22
	For Seal Class B, Add	21.95	
	For Seal Class A, Add	58.52	
	For 24 Gauge, Add	1.10	
	For 22 Gauge, Add	2.53	
	For 20 Gauge, Add	4.13	
	For 18 Gauge, Add	6.33	
	For 16 Gauge, Add	7.70	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.07	
	For Work In Restricted Working Space, Add	43.89	
23 31 13 16-0155	EA 12" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling.....	188.76	46.09
	For Seal Class B, Add	27.43	
	For Seal Class A, Add	73.16	
	For 24 Gauge, Add	1.17	
	For 22 Gauge, Add	2.70	
	For 20 Gauge, Add	4.40	
	For 18 Gauge, Add	6.75	
	For 16 Gauge, Add	8.22	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.34	
	For Work In Restricted Working Space, Add	54.87	
23 31 13 16-0156	EA 14" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling.....	205.75	50.48
	For Seal Class B, Add	29.93	
	For Seal Class A, Add	79.80	
	For 24 Gauge, Add	1.25	
	For 22 Gauge, Add	2.87	
	For 20 Gauge, Add	4.68	
	For 18 Gauge, Add	7.18	
	For 16 Gauge, Add	8.74	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.62	
	For Work In Restricted Working Space, Add	59.85	
23 31 13 16-0157	EA 16" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling.....	242.90	59.25
	For Seal Class B, Add	35.40	
	For Seal Class A, Add	94.40	
	For 24 Gauge, Add	1.38	
	For 22 Gauge, Add	3.18	
	For 20 Gauge, Add	5.18	
	For 18 Gauge, Add	7.95	
	For 16 Gauge, Add	9.67	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	5.11	
	For Work In Restricted Working Space, Add	70.80	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0158	EA		18" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling.....	299.90	73.52
			For Seal Class B, Add	43.89	
			For Seal Class A, Add	117.05	
			For 24 Gauge, Add	1.46	
			For 22 Gauge, Add	3.35	
			For 20 Gauge, Add	5.46	
			For 18 Gauge, Add	8.37	
			For 16 Gauge, Add	10.19	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	5.39	
			For Work In Restricted Working Space, Add	87.79	
23 31 13 16-0159	EA		20" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling.....	361.70	88.88
			For Seal Class B, Add	53.10	
			For Seal Class A, Add	141.59	
			For 24 Gauge, Add	1.55	
			For 22 Gauge, Add	3.56	
			For 20 Gauge, Add	5.80	
			For 18 Gauge, Add	8.89	
			For 16 Gauge, Add	10.82	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	5.72	
			For Work In Restricted Working Space, Add	106.19	
23 31 13 16-0160	EA		22 Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling.....	422.10	207.40
			For Seal Class B, Add	62.11	
			For Seal Class A, Add	165.63	
			For 24 Gauge, Add	1.60	
			For 22 Gauge, Add	3.69	
			For 20 Gauge, Add	6.02	
			For 18 Gauge, Add	9.22	
			For 16 Gauge, Add	11.23	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	5.93	
			For Work In Restricted Working Space, Add	124.22	
23 31 13 16-0161	EA		24" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling.....	475.42	233.73
			For Seal Class B, Add	70.04	
			For Seal Class A, Add	186.78	
			For 24 Gauge, Add	1.69	
			For 22 Gauge, Add	3.90	
			For 20 Gauge, Add	6.35	
			For 18 Gauge, Add	9.74	
			For 16 Gauge, Add	11.86	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	6.27	
			For Work In Restricted Working Space, Add	140.09	
23 31 13 16-0162			Slip Joint, Galvanized, Spiral Duct Caps <small>(23 31 13 16-0074)</small>		
23 31 13 16-0163	EA		4" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap.....	34.56	15.36
			For Seal Class B, Add	4.45	
			For Seal Class A, Add	11.86	
			For 24 Gauge, Add	0.98	
			For 22 Gauge, Add	2.25	
			For 20 Gauge, Add	3.68	
			For 18 Gauge, Add	5.64	
			For 16 Gauge, Add	6.86	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	3.63	
			For Work In Restricted Working Space, Add	8.90	
23 31 13 16-0164	EA		6" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap.....	49.39	21.95
			For Seal Class B, Add	6.58	
			For Seal Class A, Add	17.56	
			For 24 Gauge, Add	1.10	
			For 22 Gauge, Add	2.53	
			For 20 Gauge, Add	4.13	
			For 18 Gauge, Add	6.33	
			For 16 Gauge, Add	7.70	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.07	
			For Work In Restricted Working Space, Add	13.17	
23 31 13 16-0165	EA		8" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap.....	63.77	29.63
			For Seal Class B, Add	8.66	
			For Seal Class A, Add	23.10	
			For 24 Gauge, Add	1.20	
			For 22 Gauge, Add	2.77	
			For 20 Gauge, Add	4.52	
			For 18 Gauge, Add	6.92	
			For 16 Gauge, Add	8.43	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.45	
			For Work In Restricted Working Space, Add	17.33	
23 31 13 16-0166	EA		10" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap.....	79.85	37.31
			For Seal Class B, Add	10.97	
			For Seal Class A, Add	29.26	
			For 24 Gauge, Add	1.34	
			For 22 Gauge, Add	3.08	
			For 20 Gauge, Add	5.02	
			For 18 Gauge, Add	7.69	
			For 16 Gauge, Add	9.37	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.95	
			For Work In Restricted Working Space, Add	21.95	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts and Casings



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 16-0167	EA 12" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	98.87	46.09
	For Seal Class B, Add	13.72	
	For Seal Class A, Add	36.58	
	For 24 Gauge, Add	1.49	
	For 22 Gauge, Add	3.42	
	For 20 Gauge, Add	5.57	
	For 18 Gauge, Add	8.54	
	For 16 Gauge, Add	10.40	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	5.50	
	For Work In Restricted Working Space, Add	27.43	
23 31 13 16-0168	EA 14" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	107.93	50.48
	For Seal Class B, Add	14.96	
	For Seal Class A, Add	39.90	
	For 24 Gauge, Add	1.63	
	For 22 Gauge, Add	3.76	
	For 20 Gauge, Add	6.13	
	For 18 Gauge, Add	9.40	
	For 16 Gauge, Add	11.44	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	6.05	
	For Work In Restricted Working Space, Add	29.93	
23 31 13 16-0169	EA 16" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	124.94	58.16
	For Seal Class B, Add	17.33	
	For Seal Class A, Add	46.20	
	For 24 Gauge, Add	1.89	
	For 22 Gauge, Add	4.34	
	For 20 Gauge, Add	7.07	
	For 18 Gauge, Add	10.84	
	For 16 Gauge, Add	13.20	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	6.98	
	For Work In Restricted Working Space, Add	34.65	
23 31 13 16-0170	EA 18" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	178.10	73.52
	For Seal Class B, Add	21.95	
	For Seal Class A, Add	58.52	
	For 24 Gauge, Add	6.36	
	For 22 Gauge, Add	14.62	
	For 20 Gauge, Add	23.84	
	For 18 Gauge, Add	36.56	
	For 16 Gauge, Add	44.51	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	23.52	
	For Work In Restricted Working Space, Add	43.89	
23 31 13 16-0171	EA 20" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	217.36	91.08
	For Seal Class B, Add	27.43	
	For Seal Class A, Add	73.16	
	For 24 Gauge, Add	6.89	
	For 22 Gauge, Add	15.86	
	For 20 Gauge, Add	25.85	
	For 18 Gauge, Add	39.64	
	For 16 Gauge, Add	48.26	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	25.51	
	For Work In Restricted Working Space, Add	54.87	
23 31 13 16-0172	EA 22" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	236.65	99.86
	For Seal Class B, Add	29.93	
	For Seal Class A, Add	79.80	
	For 24 Gauge, Add	7.43	
	For 22 Gauge, Add	17.08	
	For 20 Gauge, Add	27.86	
	For 18 Gauge, Add	42.71	
	For 16 Gauge, Add	52.00	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	27.48	
	For Work In Restricted Working Space, Add	59.85	
23 31 13 16-0173	EA 24" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	273.36	116.31
	For Seal Class B, Add	35.02	
	For Seal Class A, Add	93.39	
	For 24 Gauge, Add	7.98	
	For 22 Gauge, Add	18.35	
	For 20 Gauge, Add	29.92	
	For 18 Gauge, Add	45.87	
	For 16 Gauge, Add	55.85	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	29.52	
	For Work In Restricted Working Space, Add	70.04	

23 31 13 19 Metal Duct Fittings (23 31 13)

23 31 13 19-0001 Sheet Metal Baffles (23 31 13 19)

23 31 13 19-0002	LF Sheet Metal Baffles Under Raised Floor	40.49	32.63
	For Work In Restricted Working Space, Add	11.93	
	For Elevated Installation >10' To 15', Add	3.98	
	For Elevated Installation >15' To 20', Add	7.95	
	For Elevated Installation >20' To 25', Add	9.94	
	For Elevated Installation >25' To 30', Add	13.92	
	For Elevated Installation >30' To 35', Add	15.90	
	For Elevated Installation >35' To 40', Add	19.88	
	For Elevated Installation >40', Add	21.87	

23 31 13 19-0003 Duct Register Boots (23 31 13 19)

23 31 13 19-0004	EA 10" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel	36.81	14.86
	For Stainless Steel, Add	9.20	
23 31 13 19-0005	EA 10" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel	36.81	14.86
	For Stainless Steel, Add	9.20	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 19-0006	EA		12" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel..... <i>For Stainless Steel, Add</i>	39.33 9.40	16.05
23 31 13 19-0007	EA		12" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel..... <i>For Stainless Steel, Add</i>	39.33 9.40	16.05
23 31 13 19-0008	EA		12" x 2-1/4" x 7" Register Boot, 90 Degree, Galvanized Steel..... <i>For Stainless Steel, Add</i>	41.08 11.67	16.05
23 31 13 19-0009	EA		14" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel..... <i>For Stainless Steel, Add</i>	42.58 10.53	17.24
23 31 13 19-0010	EA		14" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel..... <i>For Stainless Steel, Add</i>	42.58 10.53	17.24
23 31 13 19-0011	EA		14" x 2-1/4" x 7" Register Boot, 90 Degree, Galvanized Steel..... <i>For Stainless Steel, Add</i>	43.66 11.93	17.24
23 31 13 19-0012	EA		10" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel..... <i>For Stainless Steel, Add</i>	43.24 8.28	18.43
23 31 13 19-0013	EA		12" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel..... <i>For Stainless Steel, Add</i>	45.80 8.53	19.62
23 31 13 19-0014	EA		12" x 4" x 7" Register Boot, 90 Degree, Galvanized Steel..... <i>For Stainless Steel, Add</i>	50.25 14.31	19.62
23 31 13 19-0015	EA		14" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel..... <i>For Stainless Steel, Add</i>	48.57 9.04	20.80
23 31 13 19-0016	EA		14" x 4" x 7" Register Boot, 90 Degree, Galvanized Steel..... <i>For Stainless Steel, Add</i>	52.93 14.70	20.80
23 31 13 19-0017	EA		12" x 2-1/4" x 5" Register Boot, Center, Galvanized Steel..... <i>For Stainless Steel, Add</i>	38.28 8.03	16.05
23 31 13 19-0018	EA		12" x 2-1/4" x 6" Register Boot, Center, Galvanized Steel..... <i>For Stainless Steel, Add</i>	38.28 8.03	16.05
23 31 13 19-0019	EA		14" x 2-1/4" x 6" Register Boot, Center, Galvanized Steel..... <i>For Stainless Steel, Add</i>	41.37 8.96	17.24
23 31 13 19-0020	EA		14" x 2-1/4" x 7" Register Boot, Center, Galvanized Steel..... <i>For Stainless Steel, Add</i>	42.40 10.30	17.24
23 31 13 19-0021	EA		10" x 4" x 6" Register Boot, Center, Galvanized Steel..... <i>For Stainless Steel, Add</i>	43.38 8.46	18.43
23 31 13 19-0022	EA		12" x 4" x 6" Register Boot, Center, Galvanized Steel..... <i>For Stainless Steel, Add</i>	45.92 8.68	19.62
23 31 13 19-0023	EA		12" x 2-1/4" x 6" Register Boot, End, Galvanized Steel..... <i>For Stainless Steel, Add</i>	38.99 8.96	16.05
23 31 13 19-0024	EA		14" x 2-1/4" x 6" Register Boot, End, Galvanized Steel..... <i>For Stainless Steel, Add</i>	41.79 9.50	17.24
23 31 13 19-0025	EA		10" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel..... <i>For Stainless Steel, Add</i>	36.81 9.20	14.86
23 31 13 19-0026	EA		12" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel..... <i>For Stainless Steel, Add</i>	39.33 9.40	16.05
23 31 13 19-0027	EA		14" x 2-1/4" x 5" Register Boot, Universal, Galvanized Steel..... <i>For Stainless Steel, Add</i>	42.58 10.53	17.24
23 31 13 19-0028	EA		14" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel..... <i>For Stainless Steel, Add</i>	42.58 10.53	17.24
23 31 13 19-0029	EA		10" x 4" x 6" Register Boot, Universal, Galvanized Steel..... <i>For Stainless Steel, Add</i>	43.24 8.28	18.43
23 31 13 19-0030	EA		12" x 4" x 6" Register Boot, Universal, Galvanized Steel..... <i>For Stainless Steel, Add</i>	45.80 8.53	19.62
23 31 13 19-0031	EA		12" x 4" x 7" Register Boot, Universal, Galvanized Steel..... <i>For Stainless Steel, Add</i>	50.25 14.31	19.62
23 31 13 19-0032	EA		14" x 4" x 7" Register Boot, Universal, Galvanized Steel..... <i>For Stainless Steel, Add</i>	52.63 14.31	20.80
23 31 13 23			Galvanized Steel Welded Duct (23 31 13) Note: All field fabricated duct is assembled from flat duct sheets on site to fit to exact field conditions. Ductwork which is fabricated off site or snap-fitting duct is considered as shop fabricated.		
23 31 13 23-0001			Welded Steel Ductwork (23 31 13 23) Note: Ductwork poundage includes all fittings, transitions, collars, straps, support straps, etc.		
23 31 13 23-0002			Galvanized Steel Welded Duct, For Kitchen (23 31 13 23-0001) Note: Also includes special exhaust systems and waste.		
23 31 13 23-0003	LB		Galvanized Steel Welded Duct..... <i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i>	22.83 2.22 5.95 1.98 3.97 4.96 6.94 7.93 9.92 10.91	9.89
23 31 13 23-0004			Black Steel Ductwork (23 31 13 23-0001)		
23 31 13 23-0005	LB		Black Steel Ductwork..... <i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i>	21.06 0.50 6.12 2.04 4.08 5.10 7.14 8.16 10.20 11.21	10.20

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
23 31 16 Nonmetal Ducts (23 31)**23 31 16 13 Fibrous-Glass Ducts (23 31 16)****23 31 16 13-0001 Glass Fiber Duct Board (23 31 16 13)**

Note: Rigid, rectangular boards faced on one side with a fire-resistant foil-scrim-kraft (FSK) vapor retarder and a lightweight fiber glass mat on the airstream surface.

23 31 16 13-0002	SF	1" Glass Fiber Duct Board (EI-475)	10.37	2.04
23 31 16 13-0003	SF	1-1/2" Glass Fiber Duct Board (EI-800)	12.30	2.24
23 31 16 13-0004	SF	2" Glass Fiber Duct Board (EI-800)	14.29	2.47

23 31 16 16 Thermoset Fiberglass-Reinforced Plastic Ducts (23 31 16)**23 31 16 16-0001 Fiber Reinforced Round Plastic Duct (23 31 16 16)****23 31 16 16-0002 Fiber Reinforced Round Plastic Duct (23 31 16 16-0001)**

23 31 16 16-0003	LF	2" Fiber Reinforced Plastic Duct	17.11	5.66
23 31 16 16-0004	LF	3" Fiber Reinforced Plastic Duct	21.38	6.63
23 31 16 16-0005	LF	4" Fiber Reinforced Plastic Duct	29.08	9.73
23 31 16 16-0006	LF	6" Fiber Reinforced Plastic Duct	38.48	12.29
23 31 16 16-0007	LF	8" Fiber Reinforced Plastic Duct	48.75	15.39
23 31 16 16-0008	LF	10" Fiber Reinforced Plastic Duct	58.77	18.50
23 31 16 16-0009	LF	12" Fiber Reinforced Plastic Duct	66.24	21.59
23 31 16 16-0010	LF	14" Fiber Reinforced Plastic Duct	75.50	23.62
23 31 16 16-0011	LF	16" Fiber Reinforced Plastic Duct	81.56	25.11
23 31 16 16-0012	LF	18" Fiber Reinforced Plastic Duct	101.15	28.22
23 31 16 16-0013	LF	20" Fiber Reinforced Plastic Duct	106.44	30.25
23 31 16 16-0014	LF	24" Fiber Reinforced Plastic Duct	130.85	32.28
23 31 16 16-0015	LF	30" Fiber Reinforced Plastic Duct	149.91	37.41
23 31 16 16-0016	LF	36" Fiber Reinforced Plastic Duct	173.23	45.11
23 31 16 16-0017	LF	42" Fiber Reinforced Plastic Duct	230.77	50.24
23 31 16 16-0018	LF	48" Fiber Reinforced Plastic Duct	258.52	56.43
23 31 16 16-0019	LF	54" Fiber Reinforced Plastic Duct	287.38	64.66
23 31 16 16-0020	LF	60" Fiber Reinforced Plastic Duct	326.32	75.46
23 31 16 16-0021	LF	66" Fiber Reinforced Plastic Duct	351.03	92.35
23 31 16 16-0022	LF	72" Fiber Reinforced Plastic Duct	428.39	112.87

23 31 16 16-0023 Fiber Reinforced Plastic Bell (23 31 16 16-0001)

23 31 16 16-0024	EA	2" Fiber Reinforced Plastic Bell	60.42	22.98
23 31 16 16-0025	EA	3" Fiber Reinforced Plastic Bell	72.58	27.26
23 31 16 16-0026	EA	4" Fiber Reinforced Plastic Bell	84.01	32.06
23 31 16 16-0027	EA	6" Fiber Reinforced Plastic Bell	110.80	42.75
23 31 16 16-0028	EA	8" Fiber Reinforced Plastic Bell	135.80	53.44
23 31 16 16-0029	EA	10" Fiber Reinforced Plastic Bell	158.99	64.13
23 31 16 16-0030	EA	12" Fiber Reinforced Plastic Bell	197.20	79.63
23 31 16 16-0031	EA	14" Fiber Reinforced Plastic Bell	210.43	85.50
23 31 16 16-0032	EA	16" Fiber Reinforced Plastic Bell	227.95	91.39
23 31 16 16-0033	EA	18" Fiber Reinforced Plastic Bell	245.46	98.34
23 31 16 16-0034	EA	20" Fiber Reinforced Plastic Bell	267.98	106.89
23 31 16 16-0035	EA	24" Fiber Reinforced Plastic Bell	307.42	117.58
23 31 16 16-0036	EA	30" Fiber Reinforced Plastic Bell	352.29	128.27
23 31 16 16-0037	EA	36" Fiber Reinforced Plastic Bell	398.83	144.29
23 31 16 16-0038	EA	42" Fiber Reinforced Plastic Bell	445.35	160.33
23 31 16 16-0039	EA	48" Fiber Reinforced Plastic Bell	491.86	176.36
23 31 16 16-0040	EA	54" Fiber Reinforced Plastic Bell	608.24	213.77
23 31 16 16-0041	EA	60" Fiber Reinforced Plastic Bell	733.20	267.21
23 31 16 16-0042	EA	66" Fiber Reinforced Plastic Bell	879.79	320.66
23 31 16 16-0043	EA	72" Fiber Reinforced Plastic Bell	1,005.20	363.41

23 31 16 16-0044 Fiber Reinforced Plastic Flange (23 31 16 16-0001)

23 31 16 16-0045	EA	2" Fiber Reinforced Plastic Flange	89.33	22.98
23 31 16 16-0046	EA	3" Fiber Reinforced Plastic Flange	103.30	27.26
23 31 16 16-0047	EA	4" Fiber Reinforced Plastic Flange	118.34	32.06
23 31 16 16-0048	EA	6" Fiber Reinforced Plastic Flange	154.17	42.75
23 31 16 16-0049	EA	8" Fiber Reinforced Plastic Flange	188.21	53.44
23 31 16 16-0050	EA	10" Fiber Reinforced Plastic Flange	222.23	64.13
23 31 16 16-0051	EA	12" Fiber Reinforced Plastic Flange	264.06	79.63
23 31 16 16-0052	EA	14" Fiber Reinforced Plastic Flange	291.75	85.50
23 31 16 16-0053	EA	16" Fiber Reinforced Plastic Flange	318.30	91.39
23 31 16 16-0054	EA	18" Fiber Reinforced Plastic Flange	339.42	98.34
23 31 16 16-0055	EA	20" Fiber Reinforced Plastic Flange	358.33	106.89
23 31 16 16-0056	EA	24" Fiber Reinforced Plastic Flange	415.84	117.58
23 31 16 16-0057	EA	30" Fiber Reinforced Plastic Flange	457.10	128.27
23 31 16 16-0058	EA	36" Fiber Reinforced Plastic Flange	556.04	144.29
23 31 16 16-0059	EA	42" Fiber Reinforced Plastic Flange	618.83	160.33
23 31 16 16-0060	EA	48" Fiber Reinforced Plastic Flange	699.67	176.36
23 31 16 16-0061	EA	54" Fiber Reinforced Plastic Flange	825.08	213.77
23 31 16 16-0062	EA	60" Fiber Reinforced Plastic Flange	991.61	267.21
23 31 16 16-0063	EA	66" Fiber Reinforced Plastic Flange	1,158.07	320.66
23 31 16 16-0064	EA	72" Fiber Reinforced Plastic Flange	1,323.24	363.41

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 16-0065			Fiber Reinforced Plastic 90 Degree Elbow (23 31 16 16-0001)		
23 31 16 16-0066	EA		2" Fiber Reinforced Plastic 90 Degree Elbow	151.98	55.36
23 31 16 16-0067	EA		3" Fiber Reinforced Plastic 90 Degree Elbow	178.98	66.16
23 31 16 16-0068	EA		4" Fiber Reinforced Plastic 90 Degree Elbow	207.77	76.96
23 31 16 16-0069	EA		6" Fiber Reinforced Plastic 90 Degree Elbow	270.41	102.61
23 31 16 16-0070	EA		8" Fiber Reinforced Plastic 90 Degree Elbow	333.03	128.27
23 31 16 16-0071	EA		10" Fiber Reinforced Plastic 90 Degree Elbow	395.68	153.91
23 31 16 16-0072	EA		12" Fiber Reinforced Plastic 90 Degree Elbow	487.04	191.44
23 31 16 16-0073	EA		14" Fiber Reinforced Plastic 90 Degree Elbow	545.59	202.66
23 31 16 16-0074	EA		16" Fiber Reinforced Plastic 90 Degree Elbow	616.22	220.08
23 31 16 16-0075	EA		18" Fiber Reinforced Plastic 90 Degree Elbow	722.25	236.00
23 31 16 16-0076	EA		20" Fiber Reinforced Plastic 90 Degree Elbow	825.15	256.52
23 31 16 16-0077	EA		24" Fiber Reinforced Plastic 90 Degree Elbow	949.22	282.18
23 31 16 16-0078	EA		30" Fiber Reinforced Plastic 90 Degree Elbow	1,244.93	307.83
23 31 16 16-0079	EA		36" Fiber Reinforced Plastic 90 Degree Elbow	1,571.13	346.31
23 31 16 16-0080	EA		42" Fiber Reinforced Plastic 90 Degree Elbow	2,032.83	384.90
23 31 16 16-0081	EA		48" Fiber Reinforced Plastic 90 Degree Elbow	2,395.17	423.37
23 31 16 16-0082	EA		54" Fiber Reinforced Plastic 90 Degree Elbow	2,842.80	513.06
23 31 16 16-0083	EA		60" Fiber Reinforced Plastic 90 Degree Elbow	3,454.13	641.31
23 31 16 16-0084	EA		66" Fiber Reinforced Plastic 90 Degree Elbow	4,065.03	769.37
23 31 16 16-0085	EA		72" Fiber Reinforced Plastic 90 Degree Elbow	4,633.41	871.87
23 31 16 16-0086			Fiber Reinforced Plastic 45 Degree Elbow (23 31 16 16-0001)		
23 31 16 16-0087	EA		2" Fiber Reinforced Plastic 45 Degree Elbow	132.09	55.36
23 31 16 16-0088	EA		3" Fiber Reinforced Plastic 45 Degree Elbow	155.49	66.16
23 31 16 16-0089	EA		4" Fiber Reinforced Plastic 45 Degree Elbow	180.64	76.96
23 31 16 16-0090	EA		6" Fiber Reinforced Plastic 45 Degree Elbow	230.65	102.61
23 31 16 16-0091	EA		8" Fiber Reinforced Plastic 45 Degree Elbow	280.63	128.27
23 31 16 16-0092	EA		10" Fiber Reinforced Plastic 45 Degree Elbow	334.31	153.91
23 31 16 16-0093	EA		12" Fiber Reinforced Plastic 45 Degree Elbow	413.02	191.44
23 31 16 16-0094	EA		14" Fiber Reinforced Plastic 45 Degree Elbow	446.12	202.66
23 31 16 16-0095	EA		16" Fiber Reinforced Plastic 45 Degree Elbow	522.05	219.98
23 31 16 16-0096	EA		18" Fiber Reinforced Plastic 45 Degree Elbow	592.42	236.21
23 31 16 16-0097	EA		20" Fiber Reinforced Plastic 45 Degree Elbow	676.91	256.52
23 31 16 16-0098	EA		24" Fiber Reinforced Plastic 45 Degree Elbow	773.45	281.97
23 31 16 16-0099	EA		30" Fiber Reinforced Plastic 45 Degree Elbow	955.41	307.62
23 31 16 16-0100	EA		36" Fiber Reinforced Plastic 45 Degree Elbow	1,154.20	346.63
23 31 16 16-0101	EA		42" Fiber Reinforced Plastic 45 Degree Elbow	1,442.39	385.11
23 31 16 16-0102	EA		48" Fiber Reinforced Plastic 45 Degree Elbow	1,681.40	423.37
23 31 16 16-0103	EA		54" Fiber Reinforced Plastic 45 Degree Elbow	2,007.96	513.06
23 31 16 16-0104	EA		60" Fiber Reinforced Plastic 45 Degree Elbow	2,420.51	641.31
23 31 16 16-0105	EA		66" Fiber Reinforced Plastic 45 Degree Elbow	2,851.87	767.87
23 31 16 16-0106	EA		72" Fiber Reinforced Plastic 45 Degree Elbow	3,225.51	872.72
23 31 16 16-0107			Fiber Reinforced Plastic Tee (23 31 16 16-0001)		
23 31 16 16-0108	EA		2" Fiber Reinforced Plastic Tee	200.92	82.62
23 31 16 16-0109	EA		3" Fiber Reinforced Plastic Tee	238.16	99.51
23 31 16 16-0110	EA		4" Fiber Reinforced Plastic Tee	273.71	115.43
23 31 16 16-0111	EA		6" Fiber Reinforced Plastic Tee	355.93	153.91
23 31 16 16-0112	EA		8" Fiber Reinforced Plastic Tee	436.45	191.44
23 31 16 16-0113	EA		10" Fiber Reinforced Plastic Tee	522.01	231.94
23 31 16 16-0114	EA		12" Fiber Reinforced Plastic Tee	631.18	281.11
23 31 16 16-0115	EA		14" Fiber Reinforced Plastic Tee	687.75	304.20
23 31 16 16-0116	EA		16" Fiber Reinforced Plastic Tee	785.64	330.49
23 31 16 16-0117	EA		18" Fiber Reinforced Plastic Tee	879.13	354.00
23 31 16 16-0118	EA		20" Fiber Reinforced Plastic Tee	1,002.82	384.90
23 31 16 16-0119	EA		24" Fiber Reinforced Plastic Tee	1,139.29	423.37
23 31 16 16-0120	EA		30" Fiber Reinforced Plastic Tee	1,338.62	461.64
23 31 16 16-0121	EA		36" Fiber Reinforced Plastic Tee	1,588.98	519.68
23 31 16 16-0122	EA		42" Fiber Reinforced Plastic Tee	2,046.46	577.40
23 31 16 16-0123	EA		48" Fiber Reinforced Plastic Tee	2,413.96	635.23
23 31 16 16-0124	EA		54" Fiber Reinforced Plastic Tee	2,909.77	770.11
23 31 16 16-0125	EA		60" Fiber Reinforced Plastic Tee	3,501.30	962.40
23 31 16 16-0126	EA		66" Fiber Reinforced Plastic Tee	4,092.22	1,154.26
23 31 16 16-0127	EA		72" Fiber Reinforced Plastic Tee	4,620.83	1,308.82
23 31 16 16-0128			Fiber Reinforced Plastic Lateral Joint (23 31 16 16-0001)		
23 31 16 16-0129	EA		2" Fiber Reinforced Plastic Lateral Joint	173.80	82.62
23 31 16 16-0130	EA		3" Fiber Reinforced Plastic Lateral Joint	205.60	99.51
23 31 16 16-0131	EA		4" Fiber Reinforced Plastic Lateral Joint	235.80	115.43
23 31 16 16-0132	EA		6" Fiber Reinforced Plastic Lateral Joint	303.59	153.91
23 31 16 16-0133	EA		8" Fiber Reinforced Plastic Lateral Joint	369.66	191.44
23 31 16 16-0134	EA		10" Fiber Reinforced Plastic Lateral Joint	444.36	231.94
23 31 16 16-0135	EA		12" Fiber Reinforced Plastic Lateral Joint	533.85	281.32
23 31 16 16-0136	EA		14" Fiber Reinforced Plastic Lateral Joint	578.85	303.98
23 31 16 16-0137	EA		16" Fiber Reinforced Plastic Lateral Joint	634.08	330.59
23 31 16 16-0138	EA		18" Fiber Reinforced Plastic Lateral Joint	684.49	354.33
23 31 16 16-0139	EA		20" Fiber Reinforced Plastic Lateral Joint	746.69	385.11
23 31 16 16-0140	EA		24" Fiber Reinforced Plastic Lateral Joint	824.87	423.37
23 31 16 16-0141	EA		30" Fiber Reinforced Plastic Lateral Joint	908.11	461.43
23 31 16 16-0142	EA		36" Fiber Reinforced Plastic Lateral Joint	1,024.63	519.36

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 31 16 16-0143	EA	42" Fiber Reinforced Plastic Lateral Joint	1,143.64	577.72
23 31 16 16-0144	EA	48" Fiber Reinforced Plastic Lateral Joint	1,257.05	635.01
23 31 16 16-0145	EA	54" Fiber Reinforced Plastic Lateral Joint	1,505.64	767.87
23 31 16 16-0146	EA	60" Fiber Reinforced Plastic Lateral Joint	1,850.77	964.11
23 31 16 16-0147	EA	66" Fiber Reinforced Plastic Lateral Joint	2,232.37	1,155.11
23 31 16 16-0148	EA	72" Fiber Reinforced Plastic Lateral Joint	2,506.61	1,308.82

23 31 16 16-0149 Fiber Reinforced Plastic One Piece Reducer (23 31 16 16-0001)

23 31 16 16-0150	EA	2" Fiber Reinforced Plastic One Piece Reducer	139.36	55.48
23 31 16 16-0151	EA	3" Fiber Reinforced Plastic One Piece Reducer	164.57	66.27
23 31 16 16-0152	EA	4" Fiber Reinforced Plastic One Piece Reducer	193.37	76.96
23 31 16 16-0153	EA	6" Fiber Reinforced Plastic One Piece Reducer	250.53	102.61
23 31 16 16-0154	EA	8" Fiber Reinforced Plastic One Piece Reducer	304.12	128.27
23 31 16 16-0155	EA	10" Fiber Reinforced Plastic One Piece Reducer	365.98	154.56
23 31 16 16-0156	EA	12" Fiber Reinforced Plastic One Piece Reducer	438.32	191.44
23 31 16 16-0157	EA	14" Fiber Reinforced Plastic One Piece Reducer	467.81	202.66
23 31 16 16-0158	EA	16" Fiber Reinforced Plastic One Piece Reducer	514.83	219.98
23 31 16 16-0159	EA	18" Fiber Reinforced Plastic One Piece Reducer	563.51	236.21
23 31 16 16-0160	EA	20" Fiber Reinforced Plastic One Piece Reducer	626.31	256.52
23 31 16 16-0161	EA	24" Fiber Reinforced Plastic One Piece Reducer	709.40	282.50
23 31 16 16-0162	EA	30" Fiber Reinforced Plastic One Piece Reducer	792.15	308.36
23 31 16 16-0163	EA	36" Fiber Reinforced Plastic One Piece Reducer	895.80	346.63
23 31 16 16-0164	EA	42" Fiber Reinforced Plastic One Piece Reducer	999.67	385.11
23 31 16 16-0165	EA	48" Fiber Reinforced Plastic One Piece Reducer	1,121.22	423.37
23 31 16 16-0166	EA	54" Fiber Reinforced Plastic One Piece Reducer	1,333.94	513.06
23 31 16 16-0167	EA	60" Fiber Reinforced Plastic One Piece Reducer	1,605.54	641.31
23 31 16 16-0168	EA	66" Fiber Reinforced Plastic One Piece Reducer	1,821.87	767.87
23 31 16 16-0169	EA	72" Fiber Reinforced Plastic One Piece Reducer	2,050.95	872.72

23 31 16 16-0170 Fiber Reinforced Plastic Two Piece Reducer (23 31 16 16-0001)

23 31 16 16-0171	EA	2" Fiber Reinforced Plastic Two Piece Reducer	161.05	55.48
23 31 16 16-0172	EA	3" Fiber Reinforced Plastic Two Piece Reducer	179.03	66.27
23 31 16 16-0173	EA	4" Fiber Reinforced Plastic Two Piece Reducer	207.83	76.96
23 31 16 16-0174	EA	6" Fiber Reinforced Plastic Two Piece Reducer	270.41	102.61
23 31 16 16-0175	EA	8" Fiber Reinforced Plastic Two Piece Reducer	333.03	128.27
23 31 16 16-0176	EA	10" Fiber Reinforced Plastic Two Piece Reducer	396.70	154.56
23 31 16 16-0177	EA	12" Fiber Reinforced Plastic Two Piece Reducer	478.08	191.44
23 31 16 16-0178	EA	14" Fiber Reinforced Plastic Two Piece Reducer	518.40	202.66
23 31 16 16-0179	EA	16" Fiber Reinforced Plastic Two Piece Reducer	565.42	219.98
23 31 16 16-0180	EA	18" Fiber Reinforced Plastic Two Piece Reducer	632.18	236.21
23 31 16 16-0181	EA	20" Fiber Reinforced Plastic Two Piece Reducer	778.10	256.52
23 31 16 16-0182	EA	24" Fiber Reinforced Plastic Two Piece Reducer	931.66	282.50
23 31 16 16-0183	EA	30" Fiber Reinforced Plastic Two Piece Reducer	1,001.77	308.36
23 31 16 16-0184	EA	36" Fiber Reinforced Plastic Two Piece Reducer	1,137.94	346.63
23 31 16 16-0185	EA	42" Fiber Reinforced Plastic Two Piece Reducer	1,238.20	385.11
23 31 16 16-0186	EA	48" Fiber Reinforced Plastic Two Piece Reducer	1,356.14	423.37
23 31 16 16-0187	EA	54" Fiber Reinforced Plastic Two Piece Reducer	1,523.68	513.06
23 31 16 16-0188	EA	60" Fiber Reinforced Plastic Two Piece Reducer	1,784.44	641.31
23 31 16 16-0189	EA	66" Fiber Reinforced Plastic Two Piece Reducer	2,020.64	767.87
23 31 16 16-0190	EA	72" Fiber Reinforced Plastic Two Piece Reducer	2,231.65	872.72

23 31 16 16-0191 Fiber Reinforced Plastic Butterfly Dampers (23 31 16 16-0001)

23 31 16 16-0192	EA	2" Fiber Reinforced Plastic Damper	387.82	55.36
23 31 16 16-0193	EA	3" Fiber Reinforced Plastic Damper	436.90	66.16
23 31 16 16-0194	EA	4" Fiber Reinforced Plastic Damper	485.96	76.96
23 31 16 16-0195	EA	6" Fiber Reinforced Plastic Damper	575.37	102.61
23 31 16 16-0196	EA	8" Fiber Reinforced Plastic Damper	680.33	128.27
23 31 16 16-0197	EA	10" Fiber Reinforced Plastic Damper	769.76	153.91
23 31 16 16-0198	EA	12" Fiber Reinforced Plastic Damper	878.86	191.44
23 31 16 16-0199	EA	14" Fiber Reinforced Plastic Damper	975.41	202.66
23 31 16 16-0200	EA	16" Fiber Reinforced Plastic Damper	1,082.24	220.08
23 31 16 16-0201	EA	18" Fiber Reinforced Plastic Damper	1,186.52	236.00
23 31 16 16-0202	EA	20" Fiber Reinforced Plastic Damper	1,267.42	256.52
23 31 16 16-0203	EA	24" Fiber Reinforced Plastic Damper	1,434.58	282.18
23 31 16 16-0204	EA	30" Fiber Reinforced Plastic Damper	1,663.94	307.83
23 31 16 16-0205	EA	36" Fiber Reinforced Plastic Damper	1,914.74	346.31
23 31 16 16-0206	EA	42" Fiber Reinforced Plastic Damper	2,196.62	384.90
23 31 16 16-0207	EA	48" Fiber Reinforced Plastic Damper	2,447.43	423.37
23 31 16 16-0208	EA	54" Fiber Reinforced Plastic Damper	2,876.84	513.06
23 31 16 16-0209	EA	60" Fiber Reinforced Plastic Damper	3,370.56	641.31
23 31 16 16-0210	EA	66" Fiber Reinforced Plastic Damper	3,832.75	769.37
23 31 16 16-0211	EA	72" Fiber Reinforced Plastic Damper	4,407.93	871.87

23 31 16 23 Fabric Ducts (23 31 16)**23 31 16 23-0001 Heavy Duty Fabric Ducts (Zip-A-Duct™) (23 31 16 23)****23 31 16 23-0002 Heavy Duty Fabric Duct Without Vents (23 31 16 23-0001)**

Note: Includes fabric loops for cable hooks. Requires Suspension Hardware as well as an Inlet Section and Endcap per complete run. See CSI section 23 31 16 23-0064 for suspension hardware.

23 31 16 23-0003	EA	12" Diameter x 5' Long Gray Heavy Duty Fabric Duct Without Vents	187.78	8.25
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Note: Excludes suspension cable and hardware.

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 23-0004	EA	12" Diameter x 10' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	293.84	11.01
23 31 16 23-0005	EA	16" Diameter x 5' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	226.18	13.76
23 31 16 23-0006	EA	16" Diameter x 10' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	337.00	18.09
23 31 16 23-0007	EA	20" Diameter x 5' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	274.24	18.88
23 31 16 23-0008	EA	20" Diameter x 10' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	393.19	25.17
23 31 16 23-0009	EA	24" Diameter x 5' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	319.15	24.37
23 31 16 23-0010	EA	24" Diameter x 10' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	449.39	32.24
23 31 16 23-0011	EA	28" Diameter x 5' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	355.93	27.92
23 31 16 23-0012	EA	28" Diameter x 10' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	534.36	37.35
23 31 16 23-0013	EA	32" Diameter x 5' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	391.53	31.06
23 31 16 23-0014	EA	32" Diameter x 10' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	596.23	41.28
23 31 16 23-0015	EA	36" Diameter x 5' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	426.34	35.39
23 31 16 23-0016	EA	36" Diameter x 10' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	687.93	47.18
23 31 16 23-0017		Heavy Duty Fabric Duct With Vents <small>(23 31 16 23-0001)</small>		
23 31 16 23-0018	EA	12" Diameter x 10' Long Gray Heavy Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	511.00	11.01
23 31 16 23-0019	EA	16" Diameter x 10' Long Gray Heavy Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	567.19	18.09
23 31 16 23-0020	EA	20" Diameter x 10' Long Gray Heavy Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	634.24	25.17
23 31 16 23-0021	EA	24" Diameter x 10' Long Gray Heavy Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	703.47	32.24
23 31 16 23-0022	EA	28" Diameter x 10' Long Gray Heavy Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	847.07	37.35
23 31 16 23-0023	EA	32" Diameter x 10' Long Gray Heavy Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	908.94	41.28
23 31 16 23-0024	EA	36" Diameter x 10' Long Gray Heavy Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	1,026.70	47.18
23 31 16 23-0025		Heavy Duty Fabric Duct 90 Degree Elbow <small>(23 31 16 23-0001)</small>		
23 31 16 23-0026	EA	12" Diameter Gray Heavy Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	380.92	11.80
23 31 16 23-0027	EA	16" Diameter Gray Heavy Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	426.25	18.88
23 31 16 23-0028	EA	20" Diameter Gray Heavy Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	576.51	20.45
23 31 16 23-0029	EA	24" Diameter Gray Heavy Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	704.36	27.52
23 31 16 23-0030	EA	28" Diameter Gray Heavy Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	889.80	30.66
23 31 16 23-0031	EA	32" Diameter Gray Heavy Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	1,108.78	33.42
23 31 16 23-0032	EA	36" Diameter Gray Heavy Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	1,259.78	37.35
23 31 16 23-0033		Heavy Duty Fabric Duct 45 Degree Elbow <small>(23 31 16 23-0001)</small>		
23 31 16 23-0034	EA	12" Diameter Gray Heavy Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	291.88	11.80
23 31 16 23-0035	EA	16" Diameter Gray Heavy Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	343.73	18.88
23 31 16 23-0036	EA	20" Diameter Gray Heavy Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	385.41	20.45
23 31 16 23-0037	EA	24" Diameter Gray Heavy Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	450.28	27.52
23 31 16 23-0038	EA	28" Diameter Gray Heavy Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	520.63	30.66
23 31 16 23-0039	EA	32" Diameter Gray Heavy Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	624.52	33.42
23 31 16 23-0040	EA	36" Diameter Gray Heavy Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	712.43	37.35
23 31 16 23-0041		Heavy Duty Fabric Duct Tee <small>(23 31 16 23-0001)</small>		
23 31 16 23-0042	EA	16" x 12" x 12" Gray Heavy Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	930.21	27.52
23 31 16 23-0043	EA	20" x 16" x 16" Gray Heavy Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	979.60	29.49
23 31 16 23-0044	EA	24" x 16" x 16" Gray Heavy Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	1,062.70	39.71

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 31 16 23-0045	EA	28" x 20" x 20" Gray Heavy Duty Fabric Duct Tee.....	1,118.26	44.43
		Note: Excludes suspension cable and hardware.		
23 31 16 23-0046	EA	32" x 24" x 24" Gray Heavy Duty Fabric Duct Tee.....	1,160.57	48.36
		Note: Excludes suspension cable and hardware.		
23 31 16 23-0047	EA	36" x 28" x 28" Gray Heavy Duty Fabric Duct Tee.....	1,217.53	54.26
		Note: Excludes suspension cable and hardware.		
23 31 16 23-0048		Heavy Duty Fabric Duct Inlets (23 31 16 23-0001)		
23 31 16 23-0049	EA	12" Diameter Gray Heavy Duty Fabric Duct Transition Inlet.....	150.73	11.80
		Note: Excludes suspension cable and hardware.		
23 31 16 23-0050	EA	16" Diameter Gray Heavy Duty Fabric Duct Transition Inlet.....	178.69	18.88
		Note: Excludes suspension cable and hardware.		
23 31 16 23-0051	EA	20" Diameter Gray Heavy Duty Fabric Duct Transition Inlet.....	192.14	20.45
		Note: Excludes suspension cable and hardware.		
23 31 16 23-0052	EA	24" Diameter Gray Heavy Duty Fabric Duct Transition Inlet.....	222.26	27.52
		Note: Excludes suspension cable and hardware.		
23 31 16 23-0053	EA	28" Diameter Gray Heavy Duty Fabric Duct Transition Inlet.....	238.32	30.66
		Note: Excludes suspension cable and hardware.		
23 31 16 23-0054	EA	32" Diameter Gray Heavy Duty Fabric Duct Transition Inlet.....	255.35	33.42
		Note: Excludes suspension cable and hardware.		
23 31 16 23-0055	EA	36" Diameter Gray Heavy Duty Fabric Duct Transition Inlet.....	280.28	37.35
		Note: Excludes suspension cable and hardware.		
23 31 16 23-0056		Heavy Duty Fabric Duct Cap (23 31 16 23-0001)		
23 31 16 23-0057	EA	12" Diameter Gray Heavy Duty Fabric Duct End Cap.....	88.65	7.08
		Note: Excludes suspension cable and hardware.		
23 31 16 23-0058	EA	16" Diameter Gray Heavy Duty Fabric Duct End Cap.....	112.62	11.41
		Note: Excludes suspension cable and hardware.		
23 31 16 23-0059	EA	20" Diameter Gray Heavy Duty Fabric Duct End Cap.....	132.38	12.19
		Note: Excludes suspension cable and hardware.		
23 31 16 23-0060	EA	24" Diameter Gray Heavy Duty Fabric Duct End Cap.....	184.57	16.51
		Note: Excludes suspension cable and hardware.		
23 31 16 23-0061	EA	28" Diameter Gray Heavy Duty Fabric Duct End Cap.....	220.92	18.48
		Note: Excludes suspension cable and hardware.		
23 31 16 23-0062	EA	32" Diameter Gray Heavy Duty Fabric Duct End Cap.....	275.64	20.05
		Note: Excludes suspension cable and hardware.		
23 31 16 23-0063	EA	36" Diameter Gray Heavy Duty Fabric Duct End Cap.....	311.02	22.41
		Note: Excludes suspension cable and hardware.		
23 31 16 23-0064		Heavy Duty Fabric Duct Suspension Hardware (23 31 16 23-0001)		
23 31 16 23-0065	EA	12 To 20 Inch Diameter Ducts Fixing Strap With Galvanized Hardware.....	34.62	5.96
		Note: Vertical support straps are recommended every six (6) to ten (10) feet along the length of the duct.		
23 31 16 23-0066	EA	20 To 36 Inch Diameter Ducts Fixing Strap With Galvanized Hardware.....	53.98	8.94
		Note: Vertical support straps are recommended every six (6) to ten (10) feet along the length of the duct.		
23 31 16 23-0067	EA	Galvanized Cable Locks For Horizontal Cables.....	12.84	2.98
		Note: Requires two (2) cable locks per support point or per stretcher.		
23 31 16 23-0068	LF	Galvanized Plastic Coated Cable For Fabric Duct.....	0.78	0.12
		Note: Excludes anchor bolts or anchors.		
23 31 16 23-0069	EA	Galvanized Stretcher For Straight Fabric Duct Runs.....	29.82	5.96
23 31 16 23-0070	EA	12 To 20 Inch Diameter Ducts Fixing Strap With Stainless Steel Hardware.....	63.46	5.96
		Note: Vertical support straps are recommended every six (6) to ten (10) feet along the length of the duct.		
23 31 16 23-0071	EA	20 To 36 Inch Diameter Ducts Fixing Strap With Stainless Steel Hardware.....	86.77	8.94
		Note: Vertical support straps are recommended every six (6) to ten (10) feet along the length of the duct.		
23 31 16 23-0072	EA	Stainless Steel Cable Locks For Horizontal Cables.....	16.90	2.98
		Note: Requires two (2) cable locks per support point or per stretcher.		
23 31 16 23-0073	LF	Stainless Steel Plastic Coated Cable For Fabric Duct.....	2.43	0.12
		Note: Excludes anchor bolts or anchors.		
23 31 16 23-0074	EA	Stainless Steel Stretcher For Straight Fabric Duct Runs.....	40.33	5.96

23 33 Air Duct Accessories (23 30)**23 33 13 Dampers** (23 33)**23 33 13 13 Volume-Control Dampers** (23 33 13)**23 33 13 13-0001 Radial Opposed Blade Damper Steel Construction (Ruskin CDR)** (23 33 13 13)

23 33 13 13-0002	EA	6" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated.....	95.91	9.52
		For Stainless Steel, Add	76.70	
		For Parallel Blade Damper, Add	23.60	
23 33 13 13-0003	EA	7" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated.....	102.66	10.70
		For Stainless Steel, Add	77.81	
		For Parallel Blade Damper, Add	23.94	
23 33 13 13-0004	EA	8" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated.....	110.26	11.89
		For Stainless Steel, Add	78.62	
		For Parallel Blade Damper, Add	24.19	
23 33 13 13-0005	EA	10" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated.....	119.14	14.27
		For Stainless Steel, Add	83.54	
		For Parallel Blade Damper, Add	25.70	
23 33 13 13-0006	EA	12" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated.....	129.20	15.46
		For Stainless Steel, Add	88.45	
		For Parallel Blade Damper, Add	27.22	
23 33 13 13-0007	EA	14" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated.....	153.83	16.65
		For Stainless Steel, Add	113.02	
		For Parallel Blade Damper, Add	34.78	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0008	EA		15" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	168.30	17.83
			For Stainless Steel, Add	122.85	
			For Parallel Blade Damper, Add	37.80	
23 33 13 13-0009	EA		16" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	177.54	20.21
			For Stainless Steel, Add	127.75	
			For Parallel Blade Damper, Add	39.31	
23 33 13 13-0010	EA		18" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	195.24	21.40
			For Stainless Steel, Add	142.51	
			For Parallel Blade Damper, Add	43.85	
23 33 13 13-0011	EA		20" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	229.14	23.79
			For Stainless Steel, Add	176.90	
			For Parallel Blade Damper, Add	54.43	
23 33 13 13-0012	EA		24" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	252.25	23.79
			For Stainless Steel, Add	201.45	
			For Parallel Blade Damper, Add	61.98	
23 33 13 13-0013	EA		30" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	288.44	27.35
			For Stainless Steel, Add	235.85	
			For Parallel Blade Damper, Add	72.57	
23 33 13 13-0014	EA		36" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	310.33	28.54
			For Stainless Steel, Add	256.98	
			For Parallel Blade Damper, Add	79.07	
23 33 13 13-0015			Rectangular Opposed Blade Damper (Ruskin CD) <small>(23 33 13 13)</small>		
23 33 13 13-0016	EA		6" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	125.75	13.23
			For Stainless Steel, Add	111.90	
			For Parallel Blade Damper, Add	34.43	
23 33 13 13-0017	EA		8" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	133.66	13.82
			For Stainless Steel, Add	119.85	
			For Parallel Blade Damper, Add	36.88	
23 33 13 13-0018	EA		8" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	140.05	13.94
			For Stainless Steel, Add	127.86	
			For Parallel Blade Damper, Add	39.34	
23 33 13 13-0019	EA		10" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	140.05	13.94
			For Stainless Steel, Add	127.86	
			For Parallel Blade Damper, Add	39.34	
23 33 13 13-0020	EA		10" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	147.40	14.30
			For Stainless Steel, Add	135.85	
			For Parallel Blade Damper, Add	41.80	
23 33 13 13-0021	EA		10" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	164.43	15.85
			For Stainless Steel, Add	151.80	
			For Parallel Blade Damper, Add	46.71	
23 33 13 13-0022	EA		12" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	147.40	14.30
			For Stainless Steel, Add	135.85	
			For Parallel Blade Damper, Add	41.80	
23 33 13 13-0023	EA		12" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	162.04	15.13
			For Stainless Steel, Add	151.80	
			For Parallel Blade Damper, Add	46.71	
23 33 13 13-0024	EA		12" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	170.62	15.85
			For Stainless Steel, Add	159.85	
			For Parallel Blade Damper, Add	49.18	
23 33 13 13-0025	EA		12" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	188.61	17.87
			For Stainless Steel, Add	175.49	
			For Parallel Blade Damper, Add	54.00	
23 33 13 13-0026	EA		14" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	159.00	15.13
			For Stainless Steel, Add	147.85	
			For Parallel Blade Damper, Add	45.49	
23 33 13 13-0027	EA		14" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	170.62	15.85
			For Stainless Steel, Add	159.85	
			For Parallel Blade Damper, Add	49.18	
23 33 13 13-0028	EA		14" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	179.16	16.68
			For Stainless Steel, Add	167.86	
			For Parallel Blade Damper, Add	51.65	
23 33 13 13-0029	EA		14" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	188.89	17.87
			For Stainless Steel, Add	175.85	
			For Parallel Blade Damper, Add	54.11	
23 33 13 13-0030	EA		14" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	210.19	19.89
			For Stainless Steel, Add	195.81	
			For Parallel Blade Damper, Add	60.25	
23 33 13 13-0031	EA		16" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	170.62	15.85
			For Stainless Steel, Add	159.85	
			For Parallel Blade Damper, Add	49.18	
23 33 13 13-0032	EA		16" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	180.35	17.03
			For Stainless Steel, Add	167.86	
			For Parallel Blade Damper, Add	51.65	
23 33 13 13-0033	EA		16" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	191.26	18.70
			For Stainless Steel, Add	175.85	
			For Parallel Blade Damper, Add	54.11	
23 33 13 13-0034	EA		16" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	200.96	19.89
			For Stainless Steel, Add	183.81	
			For Parallel Blade Damper, Add	56.56	
23 33 13 13-0035	EA		16" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	222.34	21.80
			For Stainless Steel, Add	203.85	
			For Parallel Blade Damper, Add	62.72	
23 33 13 13-0036	EA		16" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	243.65	23.83
			For Stainless Steel, Add	223.81	
			For Parallel Blade Damper, Add	68.86	
23 33 13 13-0037	EA		18" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	179.16	16.68
			For Stainless Steel, Add	167.86	
			For Parallel Blade Damper, Add	51.65	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
23 33 13 13-0038 EA 18" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	191.93	17.87
For Stainless Steel, Add	179.80	
For Parallel Blade Damper, Add	55.32	
23 33 13 13-0039 EA 18" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	207.15	19.89
For Stainless Steel, Add	191.85	
For Parallel Blade Damper, Add	59.03	
23 33 13 13-0040 EA 18" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	228.50	21.80
For Stainless Steel, Add	211.86	
For Parallel Blade Damper, Add	65.19	
23 33 13 13-0041 EA 18" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	246.73	23.83
For Stainless Steel, Add	227.81	
For Parallel Blade Damper, Add	70.10	
23 33 13 13-0042 EA 18" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	259.36	25.73
For Stainless Steel, Add	236.50	
For Parallel Blade Damper, Add	72.77	
23 33 13 13-0043 EA 18" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	274.12	27.76
For Stainless Steel, Add	247.95	
For Parallel Blade Damper, Add	76.29	
23 33 13 13-0044 EA 20" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	176.60	17.87
For Stainless Steel, Add	159.87	
For Parallel Blade Damper, Add	49.19	
23 33 13 13-0045 EA 20" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	193.70	19.89
For Stainless Steel, Add	174.37	
For Parallel Blade Damper, Add	53.65	
23 33 13 13-0046 EA 20" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	210.85	21.80
For Stainless Steel, Add	188.92	
For Parallel Blade Damper, Add	58.13	
23 33 13 13-0047 EA 20" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	239.19	23.83
For Stainless Steel, Add	218.01	
For Parallel Blade Damper, Add	67.08	
23 33 13 13-0048 EA 20" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	253.53	25.73
For Stainless Steel, Add	228.92	
For Parallel Blade Damper, Add	70.44	
23 33 13 13-0049 EA 20" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	267.87	27.76
For Stainless Steel, Add	239.82	
For Parallel Blade Damper, Add	73.79	
23 33 13 13-0050 EA 20" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	284.98	29.79
For Stainless Steel, Add	254.32	
For Parallel Blade Damper, Add	78.25	
23 33 13 13-0051 EA 20" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	302.10	31.69
For Stainless Steel, Add	268.83	
For Parallel Blade Damper, Add	82.72	
23 33 13 13-0052 EA 24" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	199.29	19.89
For Stainless Steel, Add	181.64	
For Parallel Blade Damper, Add	55.89	
23 33 13 13-0053 EA 24" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	222.04	21.80
For Stainless Steel, Add	203.46	
For Parallel Blade Damper, Add	62.60	
23 33 13 13-0054 EA 24" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	239.19	23.83
For Stainless Steel, Add	218.01	
For Parallel Blade Damper, Add	67.08	
23 33 13 13-0055 EA 24" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	261.92	25.73
For Stainless Steel, Add	239.82	
For Parallel Blade Damper, Add	73.79	
23 33 13 13-0056 EA 24" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	276.23	27.76
For Stainless Steel, Add	250.69	
For Parallel Blade Damper, Add	77.14	
23 33 13 13-0057 EA 24" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	290.58	29.79
For Stainless Steel, Add	261.60	
For Parallel Blade Damper, Add	80.49	
23 33 13 13-0058 EA 24" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	313.29	31.69
For Stainless Steel, Add	283.37	
For Parallel Blade Damper, Add	87.19	
23 33 13 13-0059 EA 24" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	341.94	35.74
For Stainless Steel, Add	305.14	
For Parallel Blade Damper, Add	93.89	
23 33 13 13-0060 EA 24" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	376.28	39.67
For Stainless Steel, Add	334.28	
For Parallel Blade Damper, Add	102.86	
23 33 13 13-0061 EA 28" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	222.04	21.80
For Stainless Steel, Add	203.46	
For Parallel Blade Damper, Add	62.60	
23 33 13 13-0062 EA 28" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	239.19	23.83
For Stainless Steel, Add	218.01	
For Parallel Blade Damper, Add	67.08	
23 33 13 13-0063 EA 28" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	261.92	25.73
For Stainless Steel, Add	239.82	
For Parallel Blade Damper, Add	73.79	
23 33 13 13-0064 EA 28" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	279.02	27.76
For Stainless Steel, Add	254.32	
For Parallel Blade Damper, Add	78.25	
23 33 13 13-0065 EA 28" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	298.93	29.79
For Stainless Steel, Add	272.45	
For Parallel Blade Damper, Add	83.83	
23 33 13 13-0066 EA 28" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	318.84	31.69
For Stainless Steel, Add	290.59	
For Parallel Blade Damper, Add	89.47	
23 33 13 13-0067 EA 28" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	347.54	35.74
For Stainless Steel, Add	312.42	
For Parallel Blade Damper, Add	96.13	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0068	EA		28" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	376.28	39.67
			For Stainless Steel, Add	334.28	
			For Parallel Blade Damper, Add	102.86	
23 33 13 13-0069	EA		28" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	415.74	41.70
			For Stainless Steel, Add	377.83	
			For Parallel Blade Damper, Add	116.26	
23 33 13 13-0070	EA		28" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	455.58	45.63
			For Stainless Steel, Add	414.14	
			For Parallel Blade Damper, Add	127.43	
23 33 13 13-0071	EA		32" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	255.97	23.83
			For Stainless Steel, Add	239.82	
			For Parallel Blade Damper, Add	73.79	
23 33 13 13-0072	EA		32" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	267.48	25.73
			For Stainless Steel, Add	247.05	
			For Parallel Blade Damper, Add	76.02	
23 33 13 13-0073	EA		32" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	279.02	27.76
			For Stainless Steel, Add	254.32	
			For Parallel Blade Damper, Add	78.25	
23 33 13 13-0074	EA		32" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	296.14	29.79
			For Stainless Steel, Add	268.83	
			For Parallel Blade Damper, Add	82.72	
23 33 13 13-0075	EA		32" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	319.93	31.69
			For Stainless Steel, Add	292.01	
			For Parallel Blade Damper, Add	89.85	
23 33 13 13-0076	EA		32" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	347.54	35.74
			For Stainless Steel, Add	312.42	
			For Parallel Blade Damper, Add	96.13	
23 33 13 13-0077	EA		32" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	381.88	39.67
			For Stainless Steel, Add	341.56	
			For Parallel Blade Damper, Add	105.10	
23 33 13 13-0078	EA		32" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	416.13	43.61
			For Stainless Steel, Add	370.60	
			For Parallel Blade Damper, Add	114.03	
23 33 13 13-0079	EA		32" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	455.58	45.63
			For Stainless Steel, Add	414.14	
			For Parallel Blade Damper, Add	127.43	
23 33 13 13-0080	EA		32" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	504.28	48.84
			For Stainless Steel, Add	465.06	
			For Parallel Blade Damper, Add	143.10	
23 33 13 13-0081	EA		32" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	557.34	51.58
			For Stainless Steel, Add	523.20	
			For Parallel Blade Damper, Add	160.98	
23 33 13 13-0082	EA		36" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	278.67	25.73
			For Stainless Steel, Add	261.60	
			For Parallel Blade Damper, Add	80.49	
23 33 13 13-0083	EA		36" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	295.77	27.76
			For Stainless Steel, Add	276.09	
			For Parallel Blade Damper, Add	84.95	
23 33 13 13-0084	EA		36" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	312.88	29.79
			For Stainless Steel, Add	290.59	
			For Parallel Blade Damper, Add	89.41	
23 33 13 13-0085	EA		36" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	335.63	31.69
			For Stainless Steel, Add	312.42	
			For Parallel Blade Damper, Add	96.13	
23 33 13 13-0086	EA		36" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	355.97	35.74
			For Stainless Steel, Add	323.38	
			For Parallel Blade Damper, Add	99.50	
23 33 13 13-0087	EA		36" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	370.32	37.65
			For Stainless Steel, Add	334.28	
			For Parallel Blade Damper, Add	102.86	
23 33 13 13-0088	EA		36" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	416.13	43.61
			For Stainless Steel, Add	370.60	
			For Parallel Blade Damper, Add	114.03	
23 33 13 13-0089	EA		36" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	455.95	47.66
			For Stainless Steel, Add	406.87	
			For Parallel Blade Damper, Add	125.19	
23 33 13 13-0090	EA		36" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	494.28	49.21
			For Stainless Steel, Add	450.52	
			For Parallel Blade Damper, Add	138.62	
23 33 13 13-0091	EA		36" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	549.68	52.78
			For Stainless Steel, Add	508.60	
			For Parallel Blade Damper, Add	156.49	
23 33 13 13-0092	EA		36" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	597.16	55.52
			For Stainless Steel, Add	559.47	
			For Parallel Blade Damper, Add	172.14	
23 33 13 13-0093	EA		36" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	647.84	57.54
			For Stainless Steel, Add	617.60	
			For Parallel Blade Damper, Add	190.03	
23 33 13 13-0094	EA		40" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	290.18	29.79
			For Stainless Steel, Add	268.83	
			For Parallel Blade Damper, Add	82.72	
23 33 13 13-0095	EA		40" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	318.48	31.69
			For Stainless Steel, Add	297.87	
			For Parallel Blade Damper, Add	91.65	
23 33 13 13-0096	EA		40" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	330.03	33.71
			For Stainless Steel, Add	305.14	
			For Parallel Blade Damper, Add	93.89	
23 33 13 13-0097	EA		40" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	341.59	35.74
			For Stainless Steel, Add	312.42	
			For Parallel Blade Damper, Add	96.13	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13	13-0098	EA	40" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	373.08	37.65
			<i>For Stainless Steel, Add</i>	337.87	
			<i>For Parallel Blade Damper, Add</i>	103.96	
23 33 13	13-0099	EA	40" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	398.62	39.67
			<i>For Stainless Steel, Add</i>	363.32	
			<i>For Parallel Blade Damper, Add</i>	111.79	
23 33 13	13-0100	EA	40" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	438.84	45.63
			<i>For Stainless Steel, Add</i>	392.38	
			<i>For Parallel Blade Damper, Add</i>	120.73	
23 33 13	13-0101	EA	40" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	473.14	49.56
			<i>For Stainless Steel, Add</i>	421.47	
			<i>For Parallel Blade Damper, Add</i>	129.68	
23 33 13	13-0102	EA	40" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	516.19	52.78
			<i>For Stainless Steel, Add</i>	465.06	
			<i>For Parallel Blade Damper, Add</i>	143.10	
23 33 13	13-0103	EA	40" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	586.01	55.52
			<i>For Stainless Steel, Add</i>	544.97	
			<i>For Parallel Blade Damper, Add</i>	167.68	
23 33 13	13-0104	EA	40" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	629.03	58.74
			<i>For Stainless Steel, Add</i>	588.51	
			<i>For Parallel Blade Damper, Add</i>	181.08	
23 33 13	13-0105	EA	40" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	695.30	60.28
			<i>For Stainless Steel, Add</i>	668.47	
			<i>For Parallel Blade Damper, Add</i>	205.68	
23 33 13	13-0106	EA	40" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	760.75	63.50
			<i>For Stainless Steel, Add</i>	741.16	
			<i>For Parallel Blade Damper, Add</i>	228.05	
23 33 13	13-0107	EA	44" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	307.33	29.79
			<i>For Stainless Steel, Add</i>	283.37	
			<i>For Parallel Blade Damper, Add</i>	87.19	
23 33 13	13-0108	EA	44" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	335.63	31.69
			<i>For Stainless Steel, Add</i>	312.42	
			<i>For Parallel Blade Damper, Add</i>	96.13	
23 33 13	13-0109	EA	44" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	358.41	33.71
			<i>For Stainless Steel, Add</i>	334.28	
			<i>For Parallel Blade Damper, Add</i>	102.86	
23 33 13	13-0110	EA	44" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	369.96	35.74
			<i>For Stainless Steel, Add</i>	341.56	
			<i>For Parallel Blade Damper, Add</i>	105.10	
23 33 13	13-0111	EA	44" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	398.26	37.65
			<i>For Stainless Steel, Add</i>	370.60	
			<i>For Parallel Blade Damper, Add</i>	114.03	
23 33 13	13-0112	EA	44" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	426.56	39.67
			<i>For Stainless Steel, Add</i>	399.65	
			<i>For Parallel Blade Damper, Add</i>	122.97	
23 33 13	13-0113	EA	44" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	478.37	47.66
			<i>For Stainless Steel, Add</i>	436.02	
			<i>For Parallel Blade Damper, Add</i>	134.16	
23 33 13	13-0114	EA	44" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	518.17	51.58
			<i>For Stainless Steel, Add</i>	472.28	
			<i>For Parallel Blade Damper, Add</i>	145.32	
23 33 13	13-0115	EA	44" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	586.01	55.52
			<i>For Stainless Steel, Add</i>	544.97	
			<i>For Parallel Blade Damper, Add</i>	167.68	
23 33 13	13-0116	EA	44" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	648.23	59.57
			<i>For Stainless Steel, Add</i>	610.38	
			<i>For Parallel Blade Damper, Add</i>	187.81	
23 33 13	13-0117	EA	44" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	715.99	63.50
			<i>For Stainless Steel, Add</i>	682.97	
			<i>For Parallel Blade Damper, Add</i>	210.14	
23 33 13	13-0118	EA	44" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	772.27	65.40
			<i>For Stainless Steel, Add</i>	748.38	
			<i>For Parallel Blade Damper, Add</i>	230.27	
23 33 13	13-0119	EA	44" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	828.53	67.44
			<i>For Stainless Steel, Add</i>	813.79	
			<i>For Parallel Blade Damper, Add</i>	250.40	
23 33 13	13-0120	EA	44" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	884.81	69.46
			<i>For Stainless Steel, Add</i>	879.20	
			<i>For Parallel Blade Damper, Add</i>	270.52	
23 33 13	13-0121	EA	48" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	330.03	31.69
			<i>For Stainless Steel, Add</i>	305.14	
			<i>For Parallel Blade Damper, Add</i>	93.89	
23 33 13	13-0122	EA	48" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	358.41	33.71
			<i>For Stainless Steel, Add</i>	334.28	
			<i>For Parallel Blade Damper, Add</i>	102.86	
23 33 13	13-0123	EA	48" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	369.96	35.74
			<i>For Stainless Steel, Add</i>	341.56	
			<i>For Parallel Blade Damper, Add</i>	105.10	
23 33 13	13-0124	EA	48" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	398.62	39.67
			<i>For Stainless Steel, Add</i>	363.32	
			<i>For Parallel Blade Damper, Add</i>	111.79	
23 33 13	13-0125	EA	48" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	432.88	43.61
			<i>For Stainless Steel, Add</i>	392.38	
			<i>For Parallel Blade Damper, Add</i>	120.73	
23 33 13	13-0126	EA	48" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	467.18	47.66
			<i>For Stainless Steel, Add</i>	421.47	
			<i>For Parallel Blade Damper, Add</i>	129.68	
23 33 13	13-0127	EA	48" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	512.62	51.58
			<i>For Stainless Steel, Add</i>	465.06	
			<i>For Parallel Blade Damper, Add</i>	143.10	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0128	EA		48" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	558.03	55.52
			For Stainless Steel, Add	508.60	
			For Parallel Blade Damper, Add	156.49	
23 33 13 13-0129	EA		48" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	620.26	59.57
			For Stainless Steel, Add	574.02	
			For Parallel Blade Damper, Add	176.62	
23 33 13 13-0130	EA		48" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	693.65	63.50
			For Stainless Steel, Add	653.93	
			For Parallel Blade Damper, Add	201.21	
23 33 13 13-0131	EA		48" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	749.96	65.40
			For Stainless Steel, Add	719.38	
			For Parallel Blade Damper, Add	221.35	
23 33 13 13-0132	EA		48" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	822.94	67.44
			For Stainless Steel, Add	806.52	
			For Parallel Blade Damper, Add	248.16	
23 33 13 13-0133	EA		48" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	885.18	71.36
			For Stainless Steel, Add	871.94	
			For Parallel Blade Damper, Add	268.29	
23 33 13 13-0134	EA		48" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	958.20	73.39
			For Stainless Steel, Add	959.11	
			For Parallel Blade Damper, Add	295.11	
23 33 13 13-0135	EA		48" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,020.78	79.35
			For Stainless Steel, Add	1,017.25	
			For Parallel Blade Damper, Add	313.00	
23 33 13 13-0136	EA		52" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	352.82	33.71
			For Stainless Steel, Add	327.02	
			For Parallel Blade Damper, Add	100.62	
23 33 13 13-0137	EA		52" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	381.11	35.74
			For Stainless Steel, Add	356.06	
			For Parallel Blade Damper, Add	109.56	
23 33 13 13-0138	EA		52" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	415.37	39.67
			For Stainless Steel, Add	385.10	
			For Parallel Blade Damper, Add	118.49	
23 33 13 13-0139	EA		52" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	432.88	43.61
			For Stainless Steel, Add	392.38	
			For Parallel Blade Damper, Add	120.73	
23 33 13 13-0140	EA		52" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	469.97	47.66
			For Stainless Steel, Add	425.10	
			For Parallel Blade Damper, Add	130.80	
23 33 13 13-0141	EA		52" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	507.02	51.58
			For Stainless Steel, Add	457.78	
			For Parallel Blade Damper, Add	140.86	
23 33 13 13-0142	EA		52" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	552.47	55.52
			For Stainless Steel, Add	501.37	
			For Parallel Blade Damper, Add	154.27	
23 33 13 13-0143	EA		52" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	597.92	59.57
			For Stainless Steel, Add	544.97	
			For Parallel Blade Damper, Add	167.68	
23 33 13 13-0144	EA		52" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	660.15	63.50
			For Stainless Steel, Add	610.38	
			For Parallel Blade Damper, Add	187.81	
23 33 13 13-0145	EA		52" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	739.09	67.44
			For Stainless Steel, Add	697.52	
			For Parallel Blade Damper, Add	214.62	
23 33 13 13-0146	EA		52" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	800.92	69.46
			For Stainless Steel, Add	770.15	
			For Parallel Blade Damper, Add	236.97	
23 33 13 13-0147	EA		52" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	879.58	71.36
			For Stainless Steel, Add	864.66	
			For Parallel Blade Damper, Add	266.05	
23 33 13 13-0148	EA		52" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	958.51	75.41
			For Stainless Steel, Add	951.78	
			For Parallel Blade Damper, Add	292.86	
23 33 13 13-0149	EA		52" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,020.78	79.35
			For Stainless Steel, Add	1,017.25	
			For Parallel Blade Damper, Add	313.00	
23 33 13 13-0150	EA		52" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,105.71	85.31
			For Stainless Steel, Add	1,104.43	
			For Parallel Blade Damper, Add	339.82	
23 33 13 13-0151	EA		52" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,173.54	89.23
			For Stainless Steel, Add	1,177.12	
			For Parallel Blade Damper, Add	362.19	
23 33 13 13-0152	EA		56" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	369.96	35.74
			For Stainless Steel, Add	341.56	
			For Parallel Blade Damper, Add	105.10	
23 33 13 13-0153	EA		56" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	409.78	39.67
			For Stainless Steel, Add	377.83	
			For Parallel Blade Damper, Add	116.26	
23 33 13 13-0154	EA		56" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	438.47	43.61
			For Stainless Steel, Add	399.65	
			For Parallel Blade Damper, Add	122.97	
23 33 13 13-0155	EA		56" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	455.95	47.66
			For Stainless Steel, Add	406.87	
			For Parallel Blade Damper, Add	125.19	
23 33 13 13-0156	EA		56" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	498.63	51.58
			For Stainless Steel, Add	446.88	
			For Parallel Blade Damper, Add	137.50	
23 33 13 13-0157	EA		56" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	541.28	55.52
			For Stainless Steel, Add	486.82	
			For Parallel Blade Damper, Add	149.79	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13	13-0158	EA	56" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	583.93	59.57
			<i>For Stainless Steel, Add</i>	526.79	
			<i>For Parallel Blade Damper, Add</i>	162.09	
23 33 13	13-0159	EA	56" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	626.58	63.50
			<i>For Stainless Steel, Add</i>	566.74	
			<i>For Parallel Blade Damper, Add</i>	174.38	
23 33 13	13-0160	EA	56" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	705.56	67.44
			<i>For Stainless Steel, Add</i>	653.93	
			<i>For Parallel Blade Damper, Add</i>	201.21	
23 33 13	13-0161	EA	56" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	778.62	69.46
			<i>For Stainless Steel, Add</i>	741.16	
			<i>For Parallel Blade Damper, Add</i>	228.05	
23 33 13	13-0162	EA	56" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	846.05	71.36
			<i>For Stainless Steel, Add</i>	821.07	
			<i>For Parallel Blade Damper, Add</i>	252.64	
23 33 13	13-0163	EA	56" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	936.21	75.41
			<i>For Stainless Steel, Add</i>	922.79	
			<i>For Parallel Blade Damper, Add</i>	283.94	
23 33 13	13-0164	EA	56" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,015.19	79.35
			<i>For Stainless Steel, Add</i>	1,009.98	
			<i>For Parallel Blade Damper, Add</i>	310.76	
23 33 13	13-0165	EA	56" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,099.75	83.28
			<i>For Stainless Steel, Add</i>	1,104.43	
			<i>For Parallel Blade Damper, Add</i>	339.82	
23 33 13	13-0166	EA	56" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,167.59	87.33
			<i>For Stainless Steel, Add</i>	1,177.12	
			<i>For Parallel Blade Damper, Add</i>	362.19	
23 33 13	13-0167	EA	56" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,252.16	91.27
			<i>For Stainless Steel, Add</i>	1,271.58	
			<i>For Parallel Blade Damper, Add</i>	391.26	
23 33 13	13-0168	EA	56" x 56" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,336.73	95.19
			<i>For Stainless Steel, Add</i>	1,366.03	
			<i>For Parallel Blade Damper, Add</i>	420.32	
23 33 13	13-0169	EA	60" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	398.62	39.67
			<i>For Stainless Steel, Add</i>	363.32	
			<i>For Parallel Blade Damper, Add</i>	111.79	
23 33 13	13-0170	EA	60" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	438.47	43.61
			<i>For Stainless Steel, Add</i>	399.65	
			<i>For Parallel Blade Damper, Add</i>	122.97	
23 33 13	13-0171	EA	60" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	461.54	47.66
			<i>For Stainless Steel, Add</i>	414.14	
			<i>For Parallel Blade Damper, Add</i>	127.43	
23 33 13	13-0172	EA	60" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	479.09	51.58
			<i>For Stainless Steel, Add</i>	421.47	
			<i>For Parallel Blade Damper, Add</i>	129.68	
23 33 13	13-0173	EA	60" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	524.54	55.52
			<i>For Stainless Steel, Add</i>	465.06	
			<i>For Parallel Blade Damper, Add</i>	143.10	
23 33 13	13-0174	EA	60" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	569.94	59.57
			<i>For Stainless Steel, Add</i>	508.60	
			<i>For Parallel Blade Damper, Add</i>	156.49	
23 33 13	13-0175	EA	60" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	618.19	63.50
			<i>For Stainless Steel, Add</i>	555.83	
			<i>For Parallel Blade Damper, Add</i>	171.02	
23 33 13	13-0176	EA	60" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	666.43	67.44
			<i>For Stainless Steel, Add</i>	603.06	
			<i>For Parallel Blade Damper, Add</i>	185.56	
23 33 13	13-0177	EA	60" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	745.05	69.46
			<i>For Stainless Steel, Add</i>	697.52	
			<i>For Parallel Blade Damper, Add</i>	214.62	
23 33 13	13-0178	EA	60" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	818.07	71.36
			<i>For Stainless Steel, Add</i>	784.69	
			<i>For Parallel Blade Damper, Add</i>	241.44	
23 33 13	13-0179	EA	60" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	902.68	75.41
			<i>For Stainless Steel, Add</i>	879.20	
			<i>For Parallel Blade Damper, Add</i>	270.52	
23 33 13	13-0180	EA	60" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	987.25	79.35
			<i>For Stainless Steel, Add</i>	973.66	
			<i>For Parallel Blade Damper, Add</i>	299.59	
23 33 13	13-0181	EA	60" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,055.03	83.28
			<i>For Stainless Steel, Add</i>	1,046.29	
			<i>For Parallel Blade Damper, Add</i>	321.94	
23 33 13	13-0182	EA	60" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,156.36	87.33
			<i>For Stainless Steel, Add</i>	1,162.53	
			<i>For Parallel Blade Damper, Add</i>	357.70	
23 33 13	13-0183	EA	60" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,246.52	91.27
			<i>For Stainless Steel, Add</i>	1,264.25	
			<i>For Parallel Blade Damper, Add</i>	389.00	
23 33 13	13-0184	EA	60" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,336.73	95.19
			<i>For Stainless Steel, Add</i>	1,366.03	
			<i>For Parallel Blade Damper, Add</i>	420.32	
23 33 13	13-0185	EA	60" x 56" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,415.63	99.24
			<i>For Stainless Steel, Add</i>	1,453.11	
			<i>For Parallel Blade Damper, Add</i>	447.11	
23 33 13	13-0186	EA	60" x 60" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,494.69	103.18
			<i>For Stainless Steel, Add</i>	1,540.40	
			<i>For Parallel Blade Damper, Add</i>	473.97	

23 33 13 16 Fire Dampers (23 33 13)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 33 13 16-0001			Fire Dampers <small>(23 33 13 16)</small>		
23 33 13 16-0002	SF		Curtain Type, Vertical, Fire Damper	130.61	12.87
			For Smoke Damper, Add	78.11	
			For Spring Activated Horizontal Mount Operation, Add	20.68	
			For Dynamic Damper, Add	49.62	
			For 3 Hour Rated, Add	27.57	
23 33 13 16-0003	SF		Louver Type, Vertical, Fire Damper	180.74	12.87
			For Smoke Damper, Add	120.72	
			For Spring Activated Horizontal Mount Operation, Add	31.95	
			For Dynamic Damper, Add	76.69	
			For 3 Hour Rated, Add	42.61	
23 33 13 16-0004			Folding Curtain Fire Dampers <small>(23 33 13 16)</small>		
			Note: UL Listed. Air stream 22 gauge galvanized steel construction with fusible link 160 F, gravity actuated for vertical mount 1-1/2 hour fire rating. Damper blades and damper frame are in the air stream.		
23 33 13 16-0005	EA		6" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	68.64	13.23
			For Spring Activated Horizontal Mount Operation, Add	6.52	
			For Dynamic Damper, Add	15.64	
			For 3 Hour Rated, Add	8.69	
			For Cap Of Damper Blades Outside Air Stream, Add	7.24	
23 33 13 16-0006	EA		8" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	72.50	13.82
			For Spring Activated Horizontal Mount Operation, Add	6.98	
			For Dynamic Damper, Add	16.76	
			For 3 Hour Rated, Add	9.31	
			For Cap Of Damper Blades Outside Air Stream, Add	7.76	
23 33 13 16-0007	EA		8" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	74.80	13.94
			For Spring Activated Horizontal Mount Operation, Add	7.45	
			For Dynamic Damper, Add	17.87	
			For 3 Hour Rated, Add	9.93	
			For Cap Of Damper Blades Outside Air Stream, Add	8.28	
23 33 13 16-0008	EA		10" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	74.80	13.94
			For Spring Activated Horizontal Mount Operation, Add	7.45	
			For Dynamic Damper, Add	17.87	
			For 3 Hour Rated, Add	9.93	
			For Cap Of Damper Blades Outside Air Stream, Add	8.28	
23 33 13 16-0009	EA		10" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	78.07	14.30
			For Spring Activated Horizontal Mount Operation, Add	7.91	
			For Dynamic Damper, Add	18.99	
			For 3 Hour Rated, Add	10.55	
			For Cap Of Damper Blades Outside Air Stream, Add	8.79	
23 33 13 16-0010	EA		10" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	86.96	15.85
			For Spring Activated Horizontal Mount Operation, Add	8.84	
			For Dynamic Damper, Add	21.22	
			For 3 Hour Rated, Add	11.79	
			For Cap Of Damper Blades Outside Air Stream, Add	9.83	
23 33 13 16-0011	EA		12" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	78.07	14.30
			For Spring Activated Horizontal Mount Operation, Add	7.91	
			For Dynamic Damper, Add	18.99	
			For 3 Hour Rated, Add	10.55	
			For Cap Of Damper Blades Outside Air Stream, Add	8.79	
23 33 13 16-0012	EA		12" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	84.57	15.13
			For Spring Activated Horizontal Mount Operation, Add	8.84	
			For Dynamic Damper, Add	21.22	
			For 3 Hour Rated, Add	11.79	
			For Cap Of Damper Blades Outside Air Stream, Add	9.83	
23 33 13 16-0013	EA		12" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	89.04	15.85
			For Spring Activated Horizontal Mount Operation, Add	9.31	
			For Dynamic Damper, Add	22.35	
			For 3 Hour Rated, Add	12.41	
			For Cap Of Damper Blades Outside Air Stream, Add	10.35	
23 33 13 16-0014	EA		12" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	97.07	17.87
			For Spring Activated Horizontal Mount Operation, Add	9.78	
			For Dynamic Damper, Add	23.46	
			For 3 Hour Rated, Add	13.04	
			For Cap Of Damper Blades Outside Air Stream, Add	10.86	
23 33 13 16-0015	EA		14" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	83.55	15.13
			For Spring Activated Horizontal Mount Operation, Add	8.61	
			For Dynamic Damper, Add	20.67	
			For 3 Hour Rated, Add	11.48	
			For Cap Of Damper Blades Outside Air Stream, Add	9.57	
23 33 13 16-0016	EA		14" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	89.04	15.85
			For Spring Activated Horizontal Mount Operation, Add	9.31	
			For Dynamic Damper, Add	22.35	
			For 3 Hour Rated, Add	12.41	
			For Cap Of Damper Blades Outside Air Stream, Add	10.35	
23 33 13 16-0017	EA		14" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	93.49	16.68
			For Spring Activated Horizontal Mount Operation, Add	9.78	
			For Dynamic Damper, Add	23.46	
			For 3 Hour Rated, Add	13.04	
			For Cap Of Damper Blades Outside Air Stream, Add	10.86	
23 33 13 16-0018	EA		14" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	99.14	17.87
			For Spring Activated Horizontal Mount Operation, Add	10.24	
			For Dynamic Damper, Add	24.58	
			For 3 Hour Rated, Add	13.66	
			For Cap Of Damper Blades Outside Air Stream, Add	11.38	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 33 13 16-0019	EA 14" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	110.27	19.89
	<i>For Spring Activated Horizontal Mount Operation, Add</i>	11.41	
	<i>For Dynamic Damper, Add</i>	27.38	
	<i>For 3 Hour Rated, Add</i>	15.21	
	<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	12.68	
23 33 13 16-0020	EA 16" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	89.04	15.85
	<i>For Spring Activated Horizontal Mount Operation, Add</i>	9.31	
	<i>For Dynamic Damper, Add</i>	22.35	
	<i>For 3 Hour Rated, Add</i>	12.41	
	<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	10.35	
23 33 13 16-0021	EA 16" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	94.68	17.03
	<i>For Spring Activated Horizontal Mount Operation, Add</i>	9.78	
	<i>For Dynamic Damper, Add</i>	23.46	
	<i>For 3 Hour Rated, Add</i>	13.04	
	<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	10.86	
23 33 13 16-0022	EA 16" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	101.51	18.70
	<i>For Spring Activated Horizontal Mount Operation, Add</i>	10.24	
	<i>For Dynamic Damper, Add</i>	24.58	
	<i>For 3 Hour Rated, Add</i>	13.66	
	<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	11.38	
23 33 13 16-0023	EA 16" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	107.15	19.89
	<i>For Spring Activated Horizontal Mount Operation, Add</i>	10.71	
	<i>For Dynamic Damper, Add</i>	25.69	
	<i>For 3 Hour Rated, Add</i>	14.27	
	<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	11.90	
23 33 13 16-0024	EA 16" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	118.30	21.80
	<i>For Spring Activated Horizontal Mount Operation, Add</i>	11.87	
	<i>For Dynamic Damper, Add</i>	28.50	
	<i>For 3 Hour Rated, Add</i>	15.83	
	<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	13.19	
23 33 13 16-0025	EA 16" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	129.43	23.83
	<i>For Spring Activated Horizontal Mount Operation, Add</i>	13.04	
	<i>For Dynamic Damper, Add</i>	31.29	
	<i>For 3 Hour Rated, Add</i>	17.38	
	<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	14.49	
23 33 13 16-0026	EA 18" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	93.49	16.68
	<i>For Spring Activated Horizontal Mount Operation, Add</i>	9.78	
	<i>For Dynamic Damper, Add</i>	23.46	
	<i>For 3 Hour Rated, Add</i>	13.04	
	<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	10.86	
23 33 13 16-0027	EA 18" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	100.17	17.87
	<i>For Spring Activated Horizontal Mount Operation, Add</i>	10.47	
	<i>For Dynamic Damper, Add</i>	25.14	
	<i>For 3 Hour Rated, Add</i>	13.97	
	<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	11.64	
23 33 13 16-0028	EA 18" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	109.24	19.89
	<i>For Spring Activated Horizontal Mount Operation, Add</i>	11.18	
	<i>For Dynamic Damper, Add</i>	26.82	
	<i>For 3 Hour Rated, Add</i>	14.90	
	<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	12.42	
23 33 13 16-0029	EA 18" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	120.37	21.80
	<i>For Spring Activated Horizontal Mount Operation, Add</i>	12.34	
	<i>For Dynamic Damper, Add</i>	29.61	
	<i>For 3 Hour Rated, Add</i>	16.45	
	<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	13.71	
23 33 13 16-0030	EA 18" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	130.46	23.83
	<i>For Spring Activated Horizontal Mount Operation, Add</i>	13.27	
	<i>For Dynamic Damper, Add</i>	31.84	
	<i>For 3 Hour Rated, Add</i>	17.69	
	<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	14.74	
23 33 13 16-0031	EA 18" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	141.59	25.73
	<i>For Spring Activated Horizontal Mount Operation, Add</i>	14.43	
	<i>For Dynamic Damper, Add</i>	34.64	
	<i>For 3 Hour Rated, Add</i>	19.25	
	<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	16.04	
23 33 13 16-0032	EA 18" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	150.64	27.76
	<i>For Spring Activated Horizontal Mount Operation, Add</i>	15.13	
	<i>For Dynamic Damper, Add</i>	36.32	
	<i>For 3 Hour Rated, Add</i>	20.18	
	<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	16.81	
23 33 13 16-0033	EA 20" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	99.14	17.87
	<i>For Spring Activated Horizontal Mount Operation, Add</i>	10.24	
	<i>For Dynamic Damper, Add</i>	24.58	
	<i>For 3 Hour Rated, Add</i>	13.66	
	<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	11.38	
23 33 13 16-0034	EA 20" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	109.22	19.89
	<i>For Spring Activated Horizontal Mount Operation, Add</i>	11.17	
	<i>For Dynamic Damper, Add</i>	26.81	
	<i>For 3 Hour Rated, Add</i>	14.90	
	<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	12.41	
23 33 13 16-0035	EA 20" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	119.33	21.80
	<i>For Spring Activated Horizontal Mount Operation, Add</i>	12.11	
	<i>For Dynamic Damper, Add</i>	29.05	
	<i>For 3 Hour Rated, Add</i>	16.14	
	<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	13.45	
23 33 13 16-0036	EA 20" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	133.58	23.83
	<i>For Spring Activated Horizontal Mount Operation, Add</i>	13.97	
	<i>For Dynamic Damper, Add</i>	33.53	
	<i>For 3 Hour Rated, Add</i>	18.63	
	<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	15.52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0037	EA		20" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	142.63	25.73
			For Spring Activated Horizontal Mount Operation, Add	14.67	
			For Dynamic Damper, Add	35.20	
			For 3 Hour Rated, Add	19.56	
			For Cap Of Damper Blades Outside Air Stream, Add	16.30	
23 33 13 16-0038	EA		20" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	151.68	27.76
			For Spring Activated Horizontal Mount Operation, Add	15.37	
			For Dynamic Damper, Add	36.88	
			For 3 Hour Rated, Add	20.49	
			For Cap Of Damper Blades Outside Air Stream, Add	17.07	
23 33 13 16-0039	EA		20" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	161.77	29.79
			For Spring Activated Horizontal Mount Operation, Add	16.29	
			For Dynamic Damper, Add	39.11	
			For 3 Hour Rated, Add	21.73	
			For Cap Of Damper Blades Outside Air Stream, Add	18.11	
23 33 13 16-0040	EA		20" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	171.86	31.69
			For Spring Activated Horizontal Mount Operation, Add	17.22	
			For Dynamic Damper, Add	41.34	
			For 3 Hour Rated, Add	22.97	
			For Cap Of Damper Blades Outside Air Stream, Add	19.14	
23 33 13 16-0041	EA		24" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	111.30	19.89
			For Spring Activated Horizontal Mount Operation, Add	11.64	
			For Dynamic Damper, Add	27.93	
			For 3 Hour Rated, Add	15.52	
			For Cap Of Damper Blades Outside Air Stream, Add	12.93	
23 33 13 16-0042	EA		24" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	123.47	21.80
			For Spring Activated Horizontal Mount Operation, Add	13.04	
			For Dynamic Damper, Add	31.29	
			For 3 Hour Rated, Add	17.38	
			For Cap Of Damper Blades Outside Air Stream, Add	14.49	
23 33 13 16-0043	EA		24" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	133.58	23.83
			For Spring Activated Horizontal Mount Operation, Add	13.97	
			For Dynamic Damper, Add	33.53	
			For 3 Hour Rated, Add	18.63	
			For Cap Of Damper Blades Outside Air Stream, Add	15.52	
23 33 13 16-0044	EA		24" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	145.73	25.73
			For Spring Activated Horizontal Mount Operation, Add	15.37	
			For Dynamic Damper, Add	36.88	
			For 3 Hour Rated, Add	20.49	
			For Cap Of Damper Blades Outside Air Stream, Add	17.07	
23 33 13 16-0045	EA		24" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	154.78	27.76
			For Spring Activated Horizontal Mount Operation, Add	16.06	
			For Dynamic Damper, Add	38.55	
			For 3 Hour Rated, Add	21.42	
			For Cap Of Damper Blades Outside Air Stream, Add	17.85	
23 33 13 16-0046	EA		24" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	163.84	29.79
			For Spring Activated Horizontal Mount Operation, Add	16.76	
			For Dynamic Damper, Add	40.22	
			For 3 Hour Rated, Add	22.35	
			For Cap Of Damper Blades Outside Air Stream, Add	18.62	
23 33 13 16-0047	EA		24" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	176.01	31.69
			For Spring Activated Horizontal Mount Operation, Add	18.16	
			For Dynamic Damper, Add	43.58	
			For 3 Hour Rated, Add	24.21	
			For Cap Of Damper Blades Outside Air Stream, Add	20.18	
23 33 13 16-0048	EA		24" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	194.12	35.74
			For Spring Activated Horizontal Mount Operation, Add	19.55	
			For Dynamic Damper, Add	46.93	
			For 3 Hour Rated, Add	26.07	
			For Cap Of Damper Blades Outside Air Stream, Add	21.73	
23 33 13 16-0049	EA		24" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	214.33	39.67
			For Spring Activated Horizontal Mount Operation, Add	21.42	
			For Dynamic Damper, Add	51.40	
			For 3 Hour Rated, Add	28.56	
			For Cap Of Damper Blades Outside Air Stream, Add	23.80	
23 33 13 16-0050	EA		28" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	123.47	21.80
			For Spring Activated Horizontal Mount Operation, Add	13.04	
			For Dynamic Damper, Add	31.29	
			For 3 Hour Rated, Add	17.38	
			For Cap Of Damper Blades Outside Air Stream, Add	14.49	
23 33 13 16-0051	EA		28" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	133.58	23.83
			For Spring Activated Horizontal Mount Operation, Add	13.97	
			For Dynamic Damper, Add	33.53	
			For 3 Hour Rated, Add	18.63	
			For Cap Of Damper Blades Outside Air Stream, Add	15.52	
23 33 13 16-0052	EA		28" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	145.73	25.73
			For Spring Activated Horizontal Mount Operation, Add	15.37	
			For Dynamic Damper, Add	36.88	
			For 3 Hour Rated, Add	20.49	
			For Cap Of Damper Blades Outside Air Stream, Add	17.07	
23 33 13 16-0053	EA		28" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	155.81	27.76
			For Spring Activated Horizontal Mount Operation, Add	16.29	
			For Dynamic Damper, Add	39.11	
			For 3 Hour Rated, Add	21.73	
			For Cap Of Damper Blades Outside Air Stream, Add	18.11	
23 33 13 16-0054	EA		28" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	166.95	29.79
			For Spring Activated Horizontal Mount Operation, Add	17.46	
			For Dynamic Damper, Add	41.90	
			For 3 Hour Rated, Add	23.28	
			For Cap Of Damper Blades Outside Air Stream, Add	19.40	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0055	EA		28" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	178.06	31.69
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	18.62	
			<i>For Dynamic Damper, Add</i>	44.69	
			<i>For 3 Hour Rated, Add</i>	24.83	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	20.69	
23 33 13 16-0056	EA		28" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	196.19	35.74
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	20.02	
			<i>For Dynamic Damper, Add</i>	48.04	
			<i>For 3 Hour Rated, Add</i>	26.69	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	22.24	
23 33 13 16-0057	EA		28" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	214.33	39.67
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	21.42	
			<i>For Dynamic Damper, Add</i>	51.40	
			<i>For 3 Hour Rated, Add</i>	28.56	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	23.80	
23 33 13 16-0058	EA		28" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	232.70	41.70
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	24.21	
			<i>For Dynamic Damper, Add</i>	58.10	
			<i>For 3 Hour Rated, Add</i>	32.28	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	26.90	
23 33 13 16-0059	EA		28" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	254.95	45.63
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	26.54	
			<i>For Dynamic Damper, Add</i>	63.69	
			<i>For 3 Hour Rated, Add</i>	35.38	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	29.49	
23 33 13 16-0060	EA		32" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	139.78	23.83
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	15.37	
			<i>For Dynamic Damper, Add</i>	36.88	
			<i>For 3 Hour Rated, Add</i>	20.49	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	17.07	
23 33 13 16-0061	EA		32" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	147.79	25.73
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	15.83	
			<i>For Dynamic Damper, Add</i>	37.99	
			<i>For 3 Hour Rated, Add</i>	21.11	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	17.59	
23 33 13 16-0062	EA		32" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	155.81	27.76
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	16.29	
			<i>For Dynamic Damper, Add</i>	39.11	
			<i>For 3 Hour Rated, Add</i>	21.73	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	18.11	
23 33 13 16-0063	EA		32" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	165.90	29.79
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	17.22	
			<i>For Dynamic Damper, Add</i>	41.34	
			<i>For 3 Hour Rated, Add</i>	22.97	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	19.14	
23 33 13 16-0064	EA		32" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	178.46	31.69
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	18.71	
			<i>For Dynamic Damper, Add</i>	44.90	
			<i>For 3 Hour Rated, Add</i>	24.95	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	20.79	
23 33 13 16-0065	EA		32" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	196.19	35.74
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	20.02	
			<i>For Dynamic Damper, Add</i>	48.04	
			<i>For 3 Hour Rated, Add</i>	26.69	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	22.24	
23 33 13 16-0066	EA		32" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	216.40	39.67
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	21.88	
			<i>For Dynamic Damper, Add</i>	52.52	
			<i>For 3 Hour Rated, Add</i>	29.18	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	24.32	
23 33 13 16-0067	EA		32" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	236.59	43.61
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	23.75	
			<i>For Dynamic Damper, Add</i>	56.99	
			<i>For 3 Hour Rated, Add</i>	31.66	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	26.39	
23 33 13 16-0068	EA		32" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	254.95	45.63
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	26.54	
			<i>For Dynamic Damper, Add</i>	63.69	
			<i>For 3 Hour Rated, Add</i>	35.38	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	29.49	
23 33 13 16-0069	EA		32" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	278.98	48.84
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	29.80	
			<i>For Dynamic Damper, Add</i>	71.52	
			<i>For 3 Hour Rated, Add</i>	39.73	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	33.11	
23 33 13 16-0070	EA		32" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	303.87	51.58
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	33.52	
			<i>For Dynamic Damper, Add</i>	80.45	
			<i>For 3 Hour Rated, Add</i>	44.70	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	37.25	
23 33 13 16-0071	EA		36" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	151.93	25.73
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	16.76	
			<i>For Dynamic Damper, Add</i>	40.22	
			<i>For 3 Hour Rated, Add</i>	22.35	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	18.62	
23 33 13 16-0072	EA		36" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	162.01	27.76
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	17.69	
			<i>For Dynamic Damper, Add</i>	42.45	
			<i>For 3 Hour Rated, Add</i>	23.59	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	19.66	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0073	EA		36" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	172.10	29.79
			For Spring Activated Horizontal Mount Operation, Add	18.62	
			For Dynamic Damper, Add	44.69	
			For 3 Hour Rated, Add	24.83	
			For Cap Of Damper Blades Outside Air Stream, Add	20.69	
23 33 13 16-0074	EA		36" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	184.28	31.69
			For Spring Activated Horizontal Mount Operation, Add	20.02	
			For Dynamic Damper, Add	48.04	
			For 3 Hour Rated, Add	26.69	
			For Cap Of Damper Blades Outside Air Stream, Add	22.24	
23 33 13 16-0075	EA		36" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	199.31	35.74
			For Spring Activated Horizontal Mount Operation, Add	20.72	
			For Dynamic Damper, Add	49.73	
			For 3 Hour Rated, Add	27.63	
			For Cap Of Damper Blades Outside Air Stream, Add	23.02	
23 33 13 16-0076	EA		36" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	208.37	37.65
			For Spring Activated Horizontal Mount Operation, Add	21.42	
			For Dynamic Damper, Add	51.40	
			For 3 Hour Rated, Add	28.56	
			For Cap Of Damper Blades Outside Air Stream, Add	23.80	
23 33 13 16-0077	EA		36" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	236.59	43.61
			For Spring Activated Horizontal Mount Operation, Add	23.75	
			For Dynamic Damper, Add	56.99	
			For 3 Hour Rated, Add	31.66	
			For Cap Of Damper Blades Outside Air Stream, Add	26.39	
23 33 13 16-0078	EA		36" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	258.84	47.66
			For Spring Activated Horizontal Mount Operation, Add	26.07	
			For Dynamic Damper, Add	62.57	
			For 3 Hour Rated, Add	34.76	
			For Cap Of Damper Blades Outside Air Stream, Add	28.97	
23 33 13 16-0079	EA		36" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	221.04	49.21
			For Spring Activated Horizontal Mount Operation, Add	16.49	
			For Dynamic Damper, Add	39.59	
			For 3 Hour Rated, Add	21.99	
			For Cap Of Damper Blades Outside Air Stream, Add	18.33	
23 33 13 16-0080	EA		36" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	303.29	52.78
			For Spring Activated Horizontal Mount Operation, Add	32.59	
			For Dynamic Damper, Add	78.21	
			For 3 Hour Rated, Add	43.45	
			For Cap Of Damper Blades Outside Air Stream, Add	36.21	
23 33 13 16-0081	EA		36" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	326.12	55.52
			For Spring Activated Horizontal Mount Operation, Add	35.85	
			For Dynamic Damper, Add	86.03	
			For 3 Hour Rated, Add	47.80	
			For Cap Of Damper Blades Outside Air Stream, Add	39.83	
23 33 13 16-0082	EA		36" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	348.63	57.54
			For Spring Activated Horizontal Mount Operation, Add	39.57	
			For Dynamic Damper, Add	94.97	
			For 3 Hour Rated, Add	52.76	
			For Cap Of Damper Blades Outside Air Stream, Add	43.97	
23 33 13 16-0083	EA		40" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	159.94	29.79
			For Spring Activated Horizontal Mount Operation, Add	17.22	
			For Dynamic Damper, Add	41.34	
			For 3 Hour Rated, Add	22.97	
			For Cap Of Damper Blades Outside Air Stream, Add	19.14	
23 33 13 16-0084	EA		40" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	174.18	31.69
			For Spring Activated Horizontal Mount Operation, Add	19.09	
			For Dynamic Damper, Add	45.81	
			For 3 Hour Rated, Add	25.45	
			For Cap Of Damper Blades Outside Air Stream, Add	21.21	
23 33 13 16-0085	EA		40" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	182.21	33.71
			For Spring Activated Horizontal Mount Operation, Add	19.55	
			For Dynamic Damper, Add	46.93	
			For 3 Hour Rated, Add	26.07	
			For Cap Of Damper Blades Outside Air Stream, Add	21.73	
23 33 13 16-0086	EA		40" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	190.24	35.74
			For Spring Activated Horizontal Mount Operation, Add	20.02	
			For Dynamic Damper, Add	48.04	
			For 3 Hour Rated, Add	26.69	
			For Cap Of Damper Blades Outside Air Stream, Add	22.24	
23 33 13 16-0087	EA		40" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	209.40	37.65
			For Spring Activated Horizontal Mount Operation, Add	21.65	
			For Dynamic Damper, Add	51.96	
			For 3 Hour Rated, Add	28.87	
			For Cap Of Damper Blades Outside Air Stream, Add	24.06	
23 33 13 16-0088	EA		40" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	222.61	39.67
			For Spring Activated Horizontal Mount Operation, Add	23.28	
			For Dynamic Damper, Add	55.87	
			For 3 Hour Rated, Add	31.04	
			For Cap Of Damper Blades Outside Air Stream, Add	25.87	
23 33 13 16-0089	EA		40" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	248.75	45.63
			For Spring Activated Horizontal Mount Operation, Add	25.14	
			For Dynamic Damper, Add	60.34	
			For 3 Hour Rated, Add	33.52	
			For Cap Of Damper Blades Outside Air Stream, Add	27.94	
23 33 13 16-0090	EA		40" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	268.95	49.56
			For Spring Activated Horizontal Mount Operation, Add	27.00	
			For Dynamic Damper, Add	64.81	
			For 3 Hour Rated, Add	36.01	
			For Cap Of Damper Blades Outside Air Stream, Add	30.01	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0091	EA		40" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	290.89	52.78
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	29.80	
			<i>For Dynamic Damper, Add</i>	71.52	
			<i>For 3 Hour Rated, Add</i>	39.73	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	33.11	
23 33 13 16-0092	EA		40" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	321.99	55.52
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	34.92	
			<i>For Dynamic Damper, Add</i>	83.80	
			<i>For 3 Hour Rated, Add</i>	46.56	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	38.80	
23 33 13 16-0093	EA		40" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	343.93	58.74
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	37.71	
			<i>For Dynamic Damper, Add</i>	90.50	
			<i>For 3 Hour Rated, Add</i>	50.28	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	41.90	
23 33 13 16-0094	EA		40" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	371.46	60.28
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	42.83	
			<i>For Dynamic Damper, Add</i>	102.80	
			<i>For 3 Hour Rated, Add</i>	57.11	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	47.59	
23 33 13 16-0095	EA		40" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	401.69	63.50
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	47.49	
			<i>For Dynamic Damper, Add</i>	113.97	
			<i>For 3 Hour Rated, Add</i>	63.32	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	52.77	
23 33 13 16-0096	EA		44" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	170.05	29.79
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	18.16	
			<i>For Dynamic Damper, Add</i>	43.58	
			<i>For 3 Hour Rated, Add</i>	24.21	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	20.18	
23 33 13 16-0097	EA		44" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	184.28	31.69
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	20.02	
			<i>For Dynamic Damper, Add</i>	48.04	
			<i>For 3 Hour Rated, Add</i>	26.69	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	22.24	
23 33 13 16-0098	EA		44" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	196.46	33.71
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	21.42	
			<i>For Dynamic Damper, Add</i>	51.40	
			<i>For 3 Hour Rated, Add</i>	28.56	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	23.80	
23 33 13 16-0099	EA		44" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	204.48	35.74
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	21.88	
			<i>For Dynamic Damper, Add</i>	52.52	
			<i>For 3 Hour Rated, Add</i>	29.18	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	24.32	
23 33 13 16-0100	EA		44" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	218.72	37.65
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	23.75	
			<i>For Dynamic Damper, Add</i>	56.99	
			<i>For 3 Hour Rated, Add</i>	31.66	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	26.39	
23 33 13 16-0101	EA		44" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	232.95	39.67
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	25.61	
			<i>For Dynamic Damper, Add</i>	61.46	
			<i>For 3 Hour Rated, Add</i>	34.14	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	28.45	
23 33 13 16-0102	EA		44" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	267.13	47.66
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	27.94	
			<i>For Dynamic Damper, Add</i>	67.05	
			<i>For 3 Hour Rated, Add</i>	37.25	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	31.04	
23 33 13 16-0103	EA		44" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	289.38	51.58
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	30.26	
			<i>For Dynamic Damper, Add</i>	72.63	
			<i>For 3 Hour Rated, Add</i>	40.35	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	33.63	
23 33 13 16-0104	EA		44" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	321.99	55.52
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	34.92	
			<i>For Dynamic Damper, Add</i>	83.80	
			<i>For 3 Hour Rated, Add</i>	46.56	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	38.80	
23 33 13 16-0105	EA		44" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	352.53	59.57
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	39.11	
			<i>For Dynamic Damper, Add</i>	93.86	
			<i>For 3 Hour Rated, Add</i>	52.15	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	43.46	
23 33 13 16-0106	EA		44" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	385.13	63.50
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	43.76	
			<i>For Dynamic Damper, Add</i>	105.03	
			<i>For 3 Hour Rated, Add</i>	58.35	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	48.63	
23 33 13 16-0107	EA		44" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	409.71	65.40
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	47.95	
			<i>For Dynamic Damper, Add</i>	115.08	
			<i>For 3 Hour Rated, Add</i>	63.94	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	53.28	
23 33 13 16-0108	EA		44" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	434.28	67.44
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	52.14	
			<i>For Dynamic Damper, Add</i>	125.14	
			<i>For 3 Hour Rated, Add</i>	69.52	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	57.94	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0109	EA		44" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	458.88	69.46
			For Spring Activated Horizontal Mount Operation, Add	56.34	
			For Dynamic Damper, Add	135.21	
			For 3 Hour Rated, Add	75.11	
			For Cap Of Damper Blades Outside Air Stream, Add	62.60	
23 33 13 16-0110	EA		48" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	182.21	31.69
			For Spring Activated Horizontal Mount Operation, Add	19.55	
			For Dynamic Damper, Add	46.93	
			For 3 Hour Rated, Add	26.07	
			For Cap Of Damper Blades Outside Air Stream, Add	21.73	
23 33 13 16-0111	EA		48" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	196.46	33.71
			For Spring Activated Horizontal Mount Operation, Add	21.42	
			For Dynamic Damper, Add	51.40	
			For 3 Hour Rated, Add	28.56	
			For Cap Of Damper Blades Outside Air Stream, Add	23.80	
23 33 13 16-0112	EA		48" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	204.48	35.74
			For Spring Activated Horizontal Mount Operation, Add	21.88	
			For Dynamic Damper, Add	52.52	
			For 3 Hour Rated, Add	29.18	
			For Cap Of Damper Blades Outside Air Stream, Add	24.32	
23 33 13 16-0113	EA		48" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	222.61	39.67
			For Spring Activated Horizontal Mount Operation, Add	23.28	
			For Dynamic Damper, Add	55.87	
			For 3 Hour Rated, Add	31.04	
			For Cap Of Damper Blades Outside Air Stream, Add	25.87	
23 33 13 16-0114	EA		48" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	242.79	43.61
			For Spring Activated Horizontal Mount Operation, Add	25.14	
			For Dynamic Damper, Add	60.34	
			For 3 Hour Rated, Add	33.52	
			For Cap Of Damper Blades Outside Air Stream, Add	27.94	
23 33 13 16-0115	EA		48" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	262.99	47.66
			For Spring Activated Horizontal Mount Operation, Add	27.00	
			For Dynamic Damper, Add	64.81	
			For 3 Hour Rated, Add	36.01	
			For Cap Of Damper Blades Outside Air Stream, Add	30.01	
23 33 13 16-0116	EA		48" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	287.32	51.58
			For Spring Activated Horizontal Mount Operation, Add	29.80	
			For Dynamic Damper, Add	71.52	
			For 3 Hour Rated, Add	39.73	
			For Cap Of Damper Blades Outside Air Stream, Add	33.11	
23 33 13 16-0117	EA		48" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	311.64	55.52
			For Spring Activated Horizontal Mount Operation, Add	32.59	
			For Dynamic Damper, Add	78.21	
			For 3 Hour Rated, Add	43.45	
			For Cap Of Damper Blades Outside Air Stream, Add	36.21	
23 33 13 16-0118	EA		48" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	342.18	59.57
			For Spring Activated Horizontal Mount Operation, Add	36.78	
			For Dynamic Damper, Add	88.27	
			For 3 Hour Rated, Add	49.04	
			For Cap Of Damper Blades Outside Air Stream, Add	40.87	
23 33 13 16-0119	EA		48" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	376.85	63.50
			For Spring Activated Horizontal Mount Operation, Add	41.90	
			For Dynamic Damper, Add	100.56	
			For 3 Hour Rated, Add	55.87	
			For Cap Of Damper Blades Outside Air Stream, Add	46.56	
23 33 13 16-0120	EA		48" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	401.45	65.40
			For Spring Activated Horizontal Mount Operation, Add	46.09	
			For Dynamic Damper, Add	110.62	
			For 3 Hour Rated, Add	61.46	
			For Cap Of Damper Blades Outside Air Stream, Add	51.22	
23 33 13 16-0121	EA		48" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	432.21	67.44
			For Spring Activated Horizontal Mount Operation, Add	51.68	
			For Dynamic Damper, Add	124.02	
			For 3 Hour Rated, Add	68.90	
			For Cap Of Damper Blades Outside Air Stream, Add	57.42	
23 33 13 16-0122	EA		48" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	462.77	71.36
			For Spring Activated Horizontal Mount Operation, Add	55.87	
			For Dynamic Damper, Add	134.09	
			For 3 Hour Rated, Add	74.49	
			For Cap Of Damper Blades Outside Air Stream, Add	62.08	
23 33 13 16-0123	EA		48" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	493.56	73.39
			For Spring Activated Horizontal Mount Operation, Add	61.46	
			For Dynamic Damper, Add	147.50	
			For 3 Hour Rated, Add	81.94	
			For Cap Of Damper Blades Outside Air Stream, Add	68.29	
23 33 13 16-0124	EA		48" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	527.97	79.35
			For Spring Activated Horizontal Mount Operation, Add	65.18	
			For Dynamic Damper, Add	156.43	
			For 3 Hour Rated, Add	86.91	
			For Cap Of Damper Blades Outside Air Stream, Add	72.42	
23 33 13 16-0125	EA		52" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	194.39	33.71
			For Spring Activated Horizontal Mount Operation, Add	20.95	
			For Dynamic Damper, Add	50.28	
			For 3 Hour Rated, Add	27.94	
			For Cap Of Damper Blades Outside Air Stream, Add	23.28	
23 33 13 16-0126	EA		52" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	208.61	35.74
			For Spring Activated Horizontal Mount Operation, Add	22.81	
			For Dynamic Damper, Add	54.75	
			For 3 Hour Rated, Add	30.42	
			For Cap Of Damper Blades Outside Air Stream, Add	25.35	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0127	EA		52" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	228.81	39.67
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	24.68	
			<i>For Dynamic Damper, Add</i>	59.22	
			<i>For 3 Hour Rated, Add</i>	32.90	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	27.42	
23 33 13 16-0128	EA		52" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	242.79	43.61
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	25.14	
			<i>For Dynamic Damper, Add</i>	60.34	
			<i>For 3 Hour Rated, Add</i>	33.52	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	27.94	
23 33 13 16-0129	EA		52" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	264.03	47.66
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	27.24	
			<i>For Dynamic Damper, Add</i>	65.37	
			<i>For 3 Hour Rated, Add</i>	36.32	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	30.27	
23 33 13 16-0130	EA		52" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	285.25	51.58
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	29.33	
			<i>For Dynamic Damper, Add</i>	70.40	
			<i>For 3 Hour Rated, Add</i>	39.11	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	32.59	
23 33 13 16-0131	EA		52" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	309.59	55.52
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	32.13	
			<i>For Dynamic Damper, Add</i>	77.11	
			<i>For 3 Hour Rated, Add</i>	42.84	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	35.70	
23 33 13 16-0132	EA		52" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	333.90	59.57
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	34.92	
			<i>For Dynamic Damper, Add</i>	83.80	
			<i>For 3 Hour Rated, Add</i>	46.56	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	38.80	
23 33 13 16-0133	EA		52" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	364.45	63.50
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	39.11	
			<i>For Dynamic Damper, Add</i>	93.86	
			<i>For 3 Hour Rated, Add</i>	52.15	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	43.46	
23 33 13 16-0134	EA		52" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	401.18	67.44
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	44.69	
			<i>For Dynamic Damper, Add</i>	107.27	
			<i>For 3 Hour Rated, Add</i>	59.59	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	49.66	
23 33 13 16-0135	EA		52" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	427.82	69.46
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	49.35	
			<i>For Dynamic Damper, Add</i>	118.43	
			<i>For 3 Hour Rated, Add</i>	65.80	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	54.83	
23 33 13 16-0136	EA		52" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	460.70	71.36
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	55.40	
			<i>For Dynamic Damper, Add</i>	132.97	
			<i>For 3 Hour Rated, Add</i>	73.87	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	61.56	
23 33 13 16-0137	EA		52" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	497.42	75.41
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	60.99	
			<i>For Dynamic Damper, Add</i>	146.37	
			<i>For 3 Hour Rated, Add</i>	81.32	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	67.76	
23 33 13 16-0138	EA		52" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	527.97	79.35
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	65.18	
			<i>For Dynamic Damper, Add</i>	156.43	
			<i>For 3 Hour Rated, Add</i>	86.91	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	72.42	
23 33 13 16-0139	EA		52" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	570.66	85.31
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	70.76	
			<i>For Dynamic Damper, Add</i>	169.84	
			<i>For 3 Hour Rated, Add</i>	94.35	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	78.63	
23 33 13 16-0140	EA		52" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	603.27	89.23
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	75.42	
			<i>For Dynamic Damper, Add</i>	181.01	
			<i>For 3 Hour Rated, Add</i>	100.56	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	83.80	
23 33 13 16-0141	EA		56" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	204.48	35.74
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	21.88	
			<i>For Dynamic Damper, Add</i>	52.52	
			<i>For 3 Hour Rated, Add</i>	29.18	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	24.32	
23 33 13 16-0142	EA		56" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	226.74	39.67
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	24.21	
			<i>For Dynamic Damper, Add</i>	58.10	
			<i>For 3 Hour Rated, Add</i>	32.28	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	26.90	
23 33 13 16-0143	EA		56" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	244.86	43.61
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	25.61	
			<i>For Dynamic Damper, Add</i>	61.46	
			<i>For 3 Hour Rated, Add</i>	34.14	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	28.45	
23 33 13 16-0144	EA		56" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	258.84	47.66
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	26.07	
			<i>For Dynamic Damper, Add</i>	62.57	
			<i>For 3 Hour Rated, Add</i>	34.76	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	28.97	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0145	EA		56" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	282.14	51.58
			For Spring Activated Horizontal Mount Operation, Add	28.63	
			For Dynamic Damper, Add	68.72	
			For 3 Hour Rated, Add	38.18	
			For Cap Of Damper Blades Outside Air Stream, Add	31.82	
23 33 13 16-0146	EA		56" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	305.44	55.52
			For Spring Activated Horizontal Mount Operation, Add	31.19	
			For Dynamic Damper, Add	74.87	
			For 3 Hour Rated, Add	41.59	
			For Cap Of Damper Blades Outside Air Stream, Add	34.66	
23 33 13 16-0147	EA		56" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	328.73	59.57
			For Spring Activated Horizontal Mount Operation, Add	33.75	
			For Dynamic Damper, Add	81.01	
			For 3 Hour Rated, Add	45.01	
			For Cap Of Damper Blades Outside Air Stream, Add	37.51	
23 33 13 16-0148	EA		56" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	352.02	63.50
			For Spring Activated Horizontal Mount Operation, Add	36.31	
			For Dynamic Damper, Add	87.15	
			For 3 Hour Rated, Add	48.42	
			For Cap Of Damper Blades Outside Air Stream, Add	40.35	
23 33 13 16-0149	EA		56" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	388.76	67.44
			For Spring Activated Horizontal Mount Operation, Add	41.90	
			For Dynamic Damper, Add	100.56	
			For 3 Hour Rated, Add	55.87	
			For Cap Of Damper Blades Outside Air Stream, Add	46.56	
23 33 13 16-0150	EA		56" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	419.56	69.46
			For Spring Activated Horizontal Mount Operation, Add	47.49	
			For Dynamic Damper, Add	113.97	
			For 3 Hour Rated, Add	63.32	
			For Cap Of Damper Blades Outside Air Stream, Add	52.77	
23 33 13 16-0151	EA		56" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	448.28	71.36
			For Spring Activated Horizontal Mount Operation, Add	52.61	
			For Dynamic Damper, Add	126.26	
			For 3 Hour Rated, Add	70.15	
			For Cap Of Damper Blades Outside Air Stream, Add	58.46	
23 33 13 16-0152	EA		56" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	489.16	75.41
			For Spring Activated Horizontal Mount Operation, Add	59.13	
			For Dynamic Damper, Add	141.91	
			For 3 Hour Rated, Add	78.84	
			For Cap Of Damper Blades Outside Air Stream, Add	65.70	
23 33 13 16-0153	EA		56" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	525.89	79.35
			For Spring Activated Horizontal Mount Operation, Add	64.71	
			For Dynamic Damper, Add	155.31	
			For 3 Hour Rated, Add	86.28	
			For Cap Of Damper Blades Outside Air Stream, Add	71.90	
23 33 13 16-0154	EA		56" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	564.70	83.28
			For Spring Activated Horizontal Mount Operation, Add	70.76	
			For Dynamic Damper, Add	169.84	
			For 3 Hour Rated, Add	94.35	
			For Cap Of Damper Blades Outside Air Stream, Add	78.63	
23 33 13 16-0155	EA		56" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	597.32	87.33
			For Spring Activated Horizontal Mount Operation, Add	75.42	
			For Dynamic Damper, Add	181.01	
			For 3 Hour Rated, Add	100.56	
			For Cap Of Damper Blades Outside Air Stream, Add	83.80	
23 33 13 16-0156	EA		56" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	636.13	91.27
			For Spring Activated Horizontal Mount Operation, Add	81.47	
			For Dynamic Damper, Add	195.54	
			For 3 Hour Rated, Add	108.63	
			For Cap Of Damper Blades Outside Air Stream, Add	90.53	
23 33 13 16-0157	EA		56" x 56" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	674.95	95.19
			For Spring Activated Horizontal Mount Operation, Add	87.53	
			For Dynamic Damper, Add	210.07	
			For 3 Hour Rated, Add	116.70	
			For Cap Of Damper Blades Outside Air Stream, Add	97.25	
23 33 13 16-0158	EA		60" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	222.61	39.67
			For Spring Activated Horizontal Mount Operation, Add	23.28	
			For Dynamic Damper, Add	55.87	
			For 3 Hour Rated, Add	31.04	
			For Cap Of Damper Blades Outside Air Stream, Add	25.87	
23 33 13 16-0159	EA		60" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	244.86	43.61
			For Spring Activated Horizontal Mount Operation, Add	25.61	
			For Dynamic Damper, Add	61.46	
			For 3 Hour Rated, Add	34.14	
			For Cap Of Damper Blades Outside Air Stream, Add	28.45	
23 33 13 16-0160	EA		60" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	260.91	47.66
			For Spring Activated Horizontal Mount Operation, Add	26.54	
			For Dynamic Damper, Add	63.69	
			For 3 Hour Rated, Add	35.38	
			For Cap Of Damper Blades Outside Air Stream, Add	29.49	
23 33 13 16-0161	EA		60" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	274.90	51.58
			For Spring Activated Horizontal Mount Operation, Add	27.00	
			For Dynamic Damper, Add	64.81	
			For 3 Hour Rated, Add	36.01	
			For Cap Of Damper Blades Outside Air Stream, Add	30.01	
23 33 13 16-0162	EA		60" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	299.24	55.52
			For Spring Activated Horizontal Mount Operation, Add	29.80	
			For Dynamic Damper, Add	71.52	
			For 3 Hour Rated, Add	39.73	
			For Cap Of Damper Blades Outside Air Stream, Add	33.11	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 33 13 16-0163	EA	60" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	323.55	59.57
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	32.59	
		<i>For Dynamic Damper, Add</i>	78.21	
		<i>For 3 Hour Rated, Add</i>	43.45	
		<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	36.21	
23 33 13 16-0164	EA	60" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	348.92	63.50
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	35.62	
		<i>For Dynamic Damper, Add</i>	85.48	
		<i>For 3 Hour Rated, Add</i>	47.49	
		<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	39.57	
23 33 13 16-0165	EA	60" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	374.28	67.44
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	38.64	
		<i>For Dynamic Damper, Add</i>	92.74	
		<i>For 3 Hour Rated, Add</i>	51.52	
		<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	42.94	
23 33 13 16-0166	EA	60" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	407.14	69.46
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	44.69	
		<i>For Dynamic Damper, Add</i>	107.27	
		<i>For 3 Hour Rated, Add</i>	59.59	
		<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	49.66	
23 33 13 16-0167	EA	60" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	437.93	71.36
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	50.28	
		<i>For Dynamic Damper, Add</i>	120.67	
		<i>For 3 Hour Rated, Add</i>	67.04	
		<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	55.87	
23 33 13 16-0168	EA	60" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	476.75	75.41
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	56.34	
		<i>For Dynamic Damper, Add</i>	135.21	
		<i>For 3 Hour Rated, Add</i>	75.11	
		<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	62.60	
23 33 13 16-0169	EA	60" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	515.56	79.35
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	62.39	
		<i>For Dynamic Damper, Add</i>	149.73	
		<i>For 3 Hour Rated, Add</i>	83.18	
		<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	69.32	
23 33 13 16-0170	EA	60" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	548.15	83.28
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	67.04	
		<i>For Dynamic Damper, Add</i>	160.90	
		<i>For 3 Hour Rated, Add</i>	89.39	
		<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	74.49	
23 33 13 16-0171	EA	60" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	593.17	87.33
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	74.49	
		<i>For Dynamic Damper, Add</i>	178.77	
		<i>For 3 Hour Rated, Add</i>	99.32	
		<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	82.77	
23 33 13 16-0172	EA	60" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	634.06	91.27
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	81.01	
		<i>For Dynamic Damper, Add</i>	194.42	
		<i>For 3 Hour Rated, Add</i>	108.01	
		<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	90.01	
23 33 13 16-0173	EA	60" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	674.95	95.19
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	87.53	
		<i>For Dynamic Damper, Add</i>	210.07	
		<i>For 3 Hour Rated, Add</i>	116.70	
		<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	97.25	
23 33 13 16-0174	EA	60" x 56" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	711.67	99.24
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	93.11	
		<i>For Dynamic Damper, Add</i>	223.46	
		<i>For 3 Hour Rated, Add</i>	124.15	
		<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	103.46	
23 33 13 16-0175	EA	60" x 60" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	748.45	103.18
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	98.70	
		<i>For Dynamic Damper, Add</i>	236.89	
		<i>For 3 Hour Rated, Add</i>	131.60	
		<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	109.67	

23 33 13 16-0176 Parallel Blade Louver Fire Damper (23 33 13 16)

Note: UL listed. 22 gauge galvanized steel construction with fusible link 160 F spring actuated 1-1/2 hour fire rating.

23 33 13 16-0177	EA	6" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	99.62	13.23
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	13.49	
		<i>For Dynamic Damper, Add</i>	32.37	
		<i>For 3 Hour Rated, Add</i>	17.99	
23 33 13 16-0178	EA	8" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	103.99	13.82
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	14.07	
		<i>For Dynamic Damper, Add</i>	33.76	
		<i>For 3 Hour Rated, Add</i>	18.76	
23 33 13 16-0179	EA	8" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	106.81	13.94
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	14.65	
		<i>For Dynamic Damper, Add</i>	35.16	
		<i>For 3 Hour Rated, Add</i>	19.53	
23 33 13 16-0180	EA	10" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	106.81	13.94
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	14.65	
		<i>For Dynamic Damper, Add</i>	35.16	
		<i>For 3 Hour Rated, Add</i>	19.53	
23 33 13 16-0181	EA	10" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	110.61	14.30
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	15.23	
		<i>For Dynamic Damper, Add</i>	36.56	
		<i>For 3 Hour Rated, Add</i>	20.31	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0182	EA		10" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	120.52 16.39 39.34 21.86	15.85
23 33 13 16-0183	EA		12" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	110.61 15.23 36.56 20.31	14.30
23 33 13 16-0184	EA		12" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	118.13 16.39 39.34 21.86	15.13
23 33 13 16-0185	EA		12" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	123.12 16.98 40.75 22.64	15.85
23 33 13 16-0186	EA		12" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	131.67 17.56 42.15 23.42	17.87
23 33 13 16-0187	EA		14" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	116.85 16.11 38.65 21.47	15.13
23 33 13 16-0188	EA		14" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	123.12 16.98 40.75 22.64	15.85
23 33 13 16-0189	EA		14" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	128.09 17.56 42.15 23.42	16.68
23 33 13 16-0190	EA		14" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	134.25 18.14 43.54 24.19	17.87
23 33 13 16-0191	EA		14" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	146.68 19.60 47.04 26.13	19.89
23 33 13 16-0192	EA		16" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	153.06 23.72 56.92 31.62	15.85
23 33 13 16-0193	EA		16" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	159.52 24.37 58.48 32.49	17.03
23 33 13 16-0194	EA		16" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	167.19 25.02 60.05 33.36	18.70
23 33 13 16-0195	EA		16" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	173.65 25.67 61.60 34.22	19.89
23 33 13 16-0196	EA		16" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	186.88 27.30 65.53 36.41	21.80
23 33 13 16-0197	EA		16" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	200.08 28.93 69.44 38.58	23.83
23 33 13 16-0198	EA		18" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	158.33 24.37 58.48 32.49	16.68
23 33 13 16-0199	EA		18" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	166.26 25.34 60.83 33.79	17.87
23 33 13 16-0200	EA		18" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	176.58 26.33 63.19 35.10	19.89
23 33 13 16-0201	EA		18" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	189.77 27.95 67.09 37.27	21.80
23 33 13 16-0202	EA		18" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	201.52 29.26 70.22 39.01	23.83
23 33 13 16-0203	EA		18" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	214.72 30.89 74.13 41.18	25.73

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0204	EA		18" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	225.01 31.86 76.47 42.49	27.76
23 33 13 16-0205	EA		20" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	164.82 25.02 60.05 33.36	17.87
23 33 13 16-0206	EA		20" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	176.55 26.32 63.17 35.09	19.89
23 33 13 16-0207	EA		20" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	188.32 27.63 66.31 36.84	21.80
23 33 13 16-0208	EA		20" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	205.89 30.24 72.58 40.32	23.83
23 33 13 16-0209	EA		20" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	216.18 31.22 74.92 41.62	25.73
23 33 13 16-0210	EA		20" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	226.46 32.19 77.26 42.92	27.76
23 33 13 16-0211	EA		20" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	238.21 33.49 80.38 44.66	29.79
23 33 13 16-0212	EA		20" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	249.95 34.79 83.51 46.39	31.69
23 33 13 16-0213	EA		24" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	203.20 32.32 77.56 43.09	19.89
23 33 13 16-0214	EA		24" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	217.86 34.27 82.26 45.70	21.80
23 33 13 16-0215	EA		24" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	229.63 35.58 85.40 47.44	23.83
23 33 13 16-0216	EA		24" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	244.25 37.53 90.08 50.04	25.73
23 33 13 16-0217	EA		24" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	254.55 38.51 92.43 51.35	27.76
23 33 13 16-0218	EA		24" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	264.84 39.49 94.76 52.65	29.79
23 33 13 16-0219	EA		24" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	279.49 41.44 99.46 55.25	31.69
23 33 13 16-0220	EA		24" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	300.09 43.40 104.15 57.86	35.74
23 33 13 16-0221	EA		24" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	323.60 46.00 110.41 61.34	39.67
23 33 13 16-0222	EA		28" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	217.86 34.27 82.26 45.70	21.80
23 33 13 16-0223	EA		28" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	229.63 35.58 85.40 47.44	23.83
23 33 13 16-0224	EA		28" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	244.25 37.53 90.08 50.04	25.73
23 33 13 16-0225	EA		28" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	255.99 38.84 93.20 51.78	27.76

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0226	EA		28" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	269.19 40.46 97.11 53.95	29.79
23 33 13 16-0227	EA		28" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	282.37 42.09 101.01 56.12	31.69
23 33 13 16-0228	EA		28" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	302.98 44.05 105.71 58.73	35.74
23 33 13 16-0229	EA		28" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	323.60 46.00 110.41 61.34	39.67
23 33 13 16-0230	EA		28" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	346.94 49.91 119.79 66.55	41.70
23 33 13 16-0231	EA		28" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	373.34 53.17 127.62 70.90	45.63
23 33 13 16-0232	EA		32" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	238.30 37.53 90.08 50.04	23.83
23 33 13 16-0233	EA		32" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	247.13 38.18 91.63 50.91	25.73
23 33 13 16-0234	EA		32" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	255.99 38.84 93.20 51.78	27.76
23 33 13 16-0235	EA		32" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	267.72 40.13 96.32 53.51	29.79
23 33 13 16-0236	EA		32" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	282.92 42.21 101.31 56.28	31.69
23 33 13 16-0237	EA		32" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	302.98 44.05 105.71 58.73	35.74
23 33 13 16-0238	EA		32" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	326.52 46.66 111.99 62.21	39.67
23 33 13 16-0239	EA		32" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	350.01 49.27 118.24 65.69	43.61
23 33 13 16-0240	EA		32" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	373.34 53.17 127.62 70.90	45.63
23 33 13 16-0241	EA		32" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	403.16 57.74 138.57 76.99	48.84
23 33 13 16-0242	EA		32" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	434.66 62.95 151.08 83.93	51.58
23 33 13 16-0243	EA		36" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	267.84 42.84 102.82 57.12	25.73
23 33 13 16-0244	EA		36" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	280.39 44.33 106.38 59.10	27.76
23 33 13 16-0245	EA		36" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	292.96 45.81 109.95 61.08	29.79
23 33 13 16-0246	EA		36" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	308.87 48.05 115.32 64.07	31.69
23 33 13 16-0247	EA		36" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	325.77 49.17 118.02 65.57	35.74

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 33 13 16-0248	EA 36" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	336.70 50.29 120.70 67.06	37.65
23 33 13 16-0249	EA 36" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	371.12 54.02 129.64 72.02	43.61
23 33 13 16-0250	EA 36" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	399.57 57.74 138.56 76.98	47.66
23 33 13 16-0251	EA 36" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	424.21 62.21 149.30 82.94	49.21
23 33 13 16-0252	EA 36" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	461.40 68.16 163.59 90.89	52.78
23 33 13 16-0253	EA 36" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	492.91 73.37 176.10 97.83	55.52
23 33 13 16-0254	EA 36" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	525.36 79.34 190.40 105.78	57.54
23 33 13 16-0255	EA 40" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	300.81 48.92 117.41 65.23	29.79
23 33 13 16-0256	EA 40" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	320.02 51.90 124.56 69.20	31.69
23 33 13 16-0257	EA 40" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	329.28 52.64 126.34 70.19	33.71
23 33 13 16-0258	EA 40" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	338.57 53.39 128.14 71.19	35.74
23 33 13 16-0259	EA 40" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	362.08 56.00 134.41 74.67	37.65
23 33 13 16-0260	EA 40" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	379.62 58.61 140.66 78.14	39.67
23 33 13 16-0261	EA 40" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	410.73 61.59 147.81 82.12	45.63
23 33 13 16-0262	EA 40" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	435.90 64.57 154.96 86.09	49.56
23 33 13 16-0263	EA 40" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	465.29 69.04 165.69 92.05	52.78
23 33 13 16-0264	EA 40" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	510.05 77.23 185.36 102.98	55.52
23 33 13 16-0265	EA 40" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	539.42 81.70 196.07 108.93	58.74
23 33 13 16-0266	EA 40" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	580.62 89.89 215.75 119.86	60.28
23 33 13 16-0267	EA 40" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	623.26 97.34 233.62 129.79	63.50
23 33 13 16-0268	EA 44" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	313.40 50.41 120.99 67.22	29.79
23 33 13 16-0269	EA 44" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	332.61 53.39 128.14 71.19	31.69

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0270	EA		44" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	348.52 55.63 133.52 74.18	33.71
23 33 13 16-0271	EA		44" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	357.78 56.38 135.30 75.17	35.74
23 33 13 16-0272	EA		44" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	376.98 59.36 142.45 79.14	37.65
23 33 13 16-0273	EA		44" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	396.18 62.33 149.60 83.11	39.67
23 33 13 16-0274	EA		44" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	436.57 66.06 158.54 88.08	47.66
23 33 13 16-0275	EA		44" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	465.01 69.78 167.47 93.04	51.58
23 33 13 16-0276	EA		44" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	510.05 77.23 185.36 102.98	55.52
23 33 13 16-0277	EA		44" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	551.75 83.93 201.44 111.91	59.57
23 33 13 16-0278	EA		44" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	596.76 91.38 219.31 121.84	63.50
23 33 13 16-0279	EA		44" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	632.51 98.08 235.40 130.78	65.40
23 33 13 16-0280	EA		44" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	668.27 104.79 251.49 139.72	67.44
23 33 13 16-0281	EA		44" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	704.04 111.50 267.59 148.66	69.46
23 33 13 16-0282	EA		48" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	329.28 52.64 126.34 70.19	31.69
23 33 13 16-0283	EA		48" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	348.52 55.63 133.52 74.18	33.71
23 33 13 16-0284	EA		48" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	357.78 56.38 135.30 75.17	35.74
23 33 13 16-0285	EA		48" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	379.62 58.61 140.66 78.14	39.67
23 33 13 16-0286	EA		48" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	404.77 61.59 147.81 82.12	43.61
23 33 13 16-0287	EA		48" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	429.94 64.57 154.96 86.09	47.66
23 33 13 16-0288	EA		48" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	461.72 69.04 165.69 92.05	51.58
23 33 13 16-0289	EA		48" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	493.48 73.50 176.41 98.00	55.52
23 33 13 16-0290	EA		48" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	535.20 80.21 192.50 106.95	59.57
23 33 13 16-0291	EA		48" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	583.52 88.40 212.16 117.87	63.50

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0292	EA		48" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	619.30 95.11 228.26 126.81	65.40
23 33 13 16-0293	EA		48" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	664.95 104.04 249.70 138.72	67.44
23 33 13 16-0294	EA		48" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	706.70 110.75 265.81 147.67	71.36
23 33 13 16-0295	EA		48" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	752.37 119.69 287.25 159.59	73.39
23 33 13 16-0296	EA		48" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	796.72 125.65 301.56 167.53	79.35
23 33 13 16-0297	EA		52" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	345.20 54.88 131.72 73.18	33.71
23 33 13 16-0298	EA		52" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	364.39 57.86 138.87 77.15	35.74
23 33 13 16-0299	EA		52" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	389.56 60.84 146.03 81.13	39.67
23 33 13 16-0300	EA		52" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	404.77 61.59 147.81 82.12	43.61
23 33 13 16-0301	EA		52" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	431.61 64.94 155.87 86.59	47.66
23 33 13 16-0302	EA		52" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	458.40 68.29 163.90 91.06	51.58
23 33 13 16-0303	EA		52" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	490.19 72.76 174.63 97.02	55.52
23 33 13 16-0304	EA		52" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	521.96 77.23 185.36 102.98	59.57
23 33 13 16-0305	EA		52" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	563.67 83.93 201.44 111.91	63.50
23 33 13 16-0306	EA		52" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	615.30 92.87 222.89 123.83	67.44
23 33 13 16-0307	EA		52" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	654.36 100.32 240.76 133.76	69.46
23 33 13 16-0308	EA		52" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	703.37 110.00 264.01 146.67	71.36
23 33 13 16-0309	EA		52" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	754.98 118.94 285.45 158.58	75.41
23 33 13 16-0310	EA		52" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	796.72 125.65 301.56 167.53	79.35
23 33 13 16-0311	EA		52" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	854.31 134.59 323.01 179.45	85.31
23 33 13 16-0312	EA		52" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	899.33 142.04 340.89 189.38	89.23
23 33 13 16-0313	EA		56" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	357.78 56.38 135.30 75.17	35.74

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0314	EA		56" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	386.23 60.10 144.23 80.13	39.67
23 33 13 16-0315	EA		56" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	408.09 62.33 149.60 83.11	43.61
23 33 13 16-0316	EA		56" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	423.31 63.08 151.38 84.10	47.66
23 33 13 16-0317	EA		56" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	453.44 67.18 161.22 89.57	51.58
23 33 13 16-0318	EA		56" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	483.56 71.27 171.05 95.03	55.52
23 33 13 16-0319	EA		56" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	513.68 75.37 180.88 100.49	59.57
23 33 13 16-0320	EA		56" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	543.80 79.46 190.71 105.95	63.50
23 33 13 16-0321	EA		56" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	595.43 88.40 212.16 117.87	67.44
23 33 13 16-0322	EA		56" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	641.13 97.34 233.62 129.79	69.46
23 33 13 16-0323	EA		56" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	683.50 105.53 253.28 140.71	71.36
23 33 13 16-0324	EA		56" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	741.77 115.97 278.32 154.62	75.41
23 33 13 16-0325	EA		56" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	793.40 124.90 299.76 166.54	79.35
23 33 13 16-0326	EA		56" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	848.35 134.59 323.01 179.45	83.28
23 33 13 16-0327	EA		56" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	893.38 142.04 340.89 189.38	87.33
23 33 13 16-0328	EA		56" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	948.33 151.72 364.13 202.29	91.27
23 33 13 16-0329	EA		56" x 56" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,003.29 161.40 387.37 215.21	95.19
23 33 13 16-0330	EA		60" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	379.62 58.61 140.66 78.14	39.67
23 33 13 16-0331	EA		60" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	408.09 62.33 149.60 83.11	43.61
23 33 13 16-0332	EA		60" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	426.61 63.82 153.17 85.09	47.66
23 33 13 16-0333	EA		60" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	441.85 64.57 154.96 86.09	51.58
23 33 13 16-0334	EA		60" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	473.64 69.04 165.69 92.05	55.52
23 33 13 16-0335	EA		60" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	505.39 73.50 176.41 98.00	59.57

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0336	EA		60" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	538.83 78.35 188.03 104.46	63.50
23 33 13 16-0337	EA		60" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	572.26 83.19 199.65 110.92	67.44
23 33 13 16-0338	EA		60" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	621.26 92.87 222.89 123.83	69.46
23 33 13 16-0339	EA		60" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	666.95 101.81 244.34 135.75	71.36
23 33 13 16-0340	EA		60" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	721.91 111.50 267.59 148.66	75.41
23 33 13 16-0341	EA		60" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	776.86 121.18 290.83 161.57	79.35
23 33 13 16-0342	EA		60" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	821.87 128.63 308.71 171.50	83.28
23 33 13 16-0343	EA		60" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	886.75 140.54 337.31 187.39	87.33
23 33 13 16-0344	EA		60" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	945.01 150.97 362.33 201.30	91.27
23 33 13 16-0345	EA		60" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,003.29 161.40 387.37 215.21	95.19
23 33 13 16-0346	EA		60" x 56" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,054.90 170.34 408.81 227.12	99.24
23 33 13 16-0347	EA		60" x 60" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,106.58 179.28 430.28 239.04	103.18
23 33 13 16-0348 Round 2 Hour Fire Damper (23 33 13 16)					
23 33 13 16-0349	EA		4" Round 2 Hour Fire Damper	133.56	23.83
23 33 13 16-0350	EA		5" Round 2 Hour Fire Damper	139.71	23.83
23 33 13 16-0351	EA		6" Round 2 Hour Fire Damper	164.65	27.05
23 33 13 16-0352	EA		7" Round 2 Hour Fire Damper	171.33	27.05
23 33 13 16-0353	EA		8" Round 2 Hour Fire Damper	206.87	29.79
23 33 13 16-0354	EA		9" Round 2 Hour Fire Damper	225.27	29.79
23 33 13 16-0355	EA		10" Round 2 Hour Fire Damper	250.34	33.12
23 33 13 16-0356	EA		12" Round 2 Hour Fire Damper	281.18	37.29
23 33 13 16-0357	EA		14" Round 2 Hour Fire Damper	319.47	42.53
23 33 13 16-0358 Round 4 Hour Fire Damper (23 33 13 16)					
23 33 13 16-0359	EA		4" Round 4 Hour Fire Damper	150.36	27.05
23 33 13 16-0360	EA		5" Round 4 Hour Fire Damper	167.11	27.05
23 33 13 16-0361	EA		6" Round 4 Hour Fire Damper	189.53	29.79
23 33 13 16-0362	EA		7" Round 4 Hour Fire Damper	211.15	29.79
23 33 13 16-0363	EA		8" Round 4 Hour Fire Damper	239.45	33.12
23 33 13 16-0364	EA		9" Round 4 Hour Fire Damper	252.63	33.12
23 33 13 16-0365	EA		10" Round 4 Hour Fire Damper	281.59	37.29
23 33 13 16-0366	EA		12" Round 4 Hour Fire Damper	311.09	42.53
23 33 13 16-0367	EA		14" Round 4 Hour Fire Damper	362.94	49.68
23 33 13 19 Smoke-Control Dampers (23 33 13)					
23 33 13 19-0001 Combination Smoke/Fire Damper (23 33 13 19)					
Note: Leakage class I with Firestat UL 555S air foil blades.					
23 33 13 19-0002	EA		6" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	545.82 262.60 145.89	19.84
23 33 13 19-0003	EA		8" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	560.36 269.01 149.45	20.73
23 33 13 19-0004	EA		8" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	572.74 275.50 153.06	20.91

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0005	EA		10" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	646.64 315.41 175.23	20.91
23 33 13 19-0006	EA		10" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	662.10 322.79 179.33	21.44
23 33 13 19-0007	EA		10" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	696.70 337.61 187.56	23.77
23 33 13 19-0008	EA		12" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	662.10 322.79 179.33	21.44
23 33 13 19-0009	EA		12" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	693.12 337.61 187.56	22.70
23 33 13 19-0010	EA		12" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	710.37 345.00 191.66	23.77
23 33 13 19-0011	EA		12" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	733.07 352.43 195.80	26.81
23 33 13 19-0012	EA		14" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	686.28 333.92 185.51	22.70
23 33 13 19-0013	EA		14" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	710.37 345.00 191.66	23.77
23 33 13 19-0014	EA		14" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	727.71 352.43 195.80	25.02
23 33 13 19-0015	EA		14" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	746.84 359.87 199.93	26.81
23 33 13 19-0016	EA		14" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	790.05 378.38 210.21	29.85
23 33 13 19-0017	EA		16" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	692.63 335.42 186.34	23.77
23 33 13 19-0018	EA		16" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	705.48 339.46 188.59	25.56
23 33 13 19-0019	EA		16" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	720.13 343.51 190.84	28.06
23 33 13 19-0020	EA		16" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	732.88 347.51 193.06	29.85
23 33 13 19-0021	EA		16" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	760.55 357.62 198.68	32.71
23 33 13 19-0022	EA		16" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	788.15 367.70 204.28	35.74
23 33 13 19-0023	EA		18" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	703.69 339.46 188.59	25.02
23 33 13 19-0024	EA		18" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	720.23 345.50 191.94	26.81
23 33 13 19-0025	EA		18" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	740.43 351.58 195.32	29.85
23 33 13 19-0026	EA		18" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	768.05 361.67 200.93	32.71
23 33 13 19-0027	EA		18" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	791.87 369.71 205.40	35.74
23 33 13 19-0028	EA		18" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	819.49 379.80 211.00	38.60
23 33 13 19-0029	EA		18" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	839.65 385.86 214.37	41.64
23 33 13 19-0030	EA		20" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	716.55 343.51 190.84	26.81
23 33 13 19-0031	EA		20" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	740.38 351.56 195.31	29.85
23 33 13 19-0032	EA		20" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	764.27 359.63 199.79	32.71
23 33 13 19-0033	EA		20" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	803.15 375.80 208.78	35.74
23 33 13 19-0034	EA		20" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	823.26 381.83 212.13	38.60

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0035	EA		20" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	843.38	41.64
			<i>For Dynamic Damper, Add</i>	387.87	
			<i>For 3 Hour Rated, Add</i>	215.48	
23 33 13 19-0036	EA		20" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	867.25	44.68
			<i>For Dynamic Damper, Add</i>	395.94	
			<i>For 3 Hour Rated, Add</i>	219.97	
23 33 13 19-0037	EA		20" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	891.09	47.54
			<i>For Dynamic Damper, Add</i>	403.98	
			<i>For 3 Hour Rated, Add</i>	224.44	
23 33 13 19-0038	EA		24" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	733.49	29.85
			<i>For Dynamic Damper, Add</i>	347.84	
			<i>For 3 Hour Rated, Add</i>	193.24	
23 33 13 19-0039	EA		24" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	757.54	32.71
			<i>For Dynamic Damper, Add</i>	356.00	
			<i>For 3 Hour Rated, Add</i>	197.78	
23 33 13 19-0040	EA		24" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	776.57	35.74
			<i>For Dynamic Damper, Add</i>	361.45	
			<i>For 3 Hour Rated, Add</i>	200.81	
23 33 13 19-0041	EA		24" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	800.57	38.60
			<i>For Dynamic Damper, Add</i>	369.58	
			<i>For 3 Hour Rated, Add</i>	205.32	
23 33 13 19-0042	EA		24" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	817.06	41.64
			<i>For Dynamic Damper, Add</i>	373.66	
			<i>For 3 Hour Rated, Add</i>	207.59	
23 33 13 19-0043	EA		24" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	833.52	44.68
			<i>For Dynamic Damper, Add</i>	377.72	
			<i>For 3 Hour Rated, Add</i>	209.85	
23 33 13 19-0044	EA		24" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	857.54	47.54
			<i>For Dynamic Damper, Add</i>	385.87	
			<i>For 3 Hour Rated, Add</i>	214.37	
23 33 13 19-0045	EA		24" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	890.50	53.62
			<i>For Dynamic Damper, Add</i>	394.02	
			<i>For 3 Hour Rated, Add</i>	218.90	
23 33 13 19-0046	EA		24" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	928.50	59.52
			<i>For Dynamic Damper, Add</i>	404.89	
			<i>For 3 Hour Rated, Add</i>	224.94	
23 33 13 19-0047	EA		28" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	757.54	32.71
			<i>For Dynamic Damper, Add</i>	356.00	
			<i>For 3 Hour Rated, Add</i>	197.78	
23 33 13 19-0048	EA		28" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	776.57	35.74
			<i>For Dynamic Damper, Add</i>	361.45	
			<i>For 3 Hour Rated, Add</i>	200.81	
23 33 13 19-0049	EA		28" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	800.57	38.60
			<i>For Dynamic Damper, Add</i>	369.58	
			<i>For 3 Hour Rated, Add</i>	205.32	
23 33 13 19-0050	EA		28" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	819.57	41.64
			<i>For Dynamic Damper, Add</i>	375.01	
			<i>For 3 Hour Rated, Add</i>	208.34	
23 33 13 19-0051	EA		28" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	841.08	44.68
			<i>For Dynamic Damper, Add</i>	381.81	
			<i>For 3 Hour Rated, Add</i>	212.12	
23 33 13 19-0052	EA		28" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	862.56	47.54
			<i>For Dynamic Damper, Add</i>	388.58	
			<i>For 3 Hour Rated, Add</i>	215.88	
23 33 13 19-0053	EA		28" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	895.51	53.62
			<i>For Dynamic Damper, Add</i>	396.72	
			<i>For 3 Hour Rated, Add</i>	220.40	
23 33 13 19-0054	EA		28" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	928.50	59.52
			<i>For Dynamic Damper, Add</i>	404.89	
			<i>For 3 Hour Rated, Add</i>	224.94	
23 33 13 19-0055	EA		28" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	967.61	62.55
			<i>For Dynamic Damper, Add</i>	421.18	
			<i>For 3 Hour Rated, Add</i>	233.99	
23 33 13 19-0056	EA		28" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,010.63	68.45
			<i>For Dynamic Damper, Add</i>	434.76	
			<i>For 3 Hour Rated, Add</i>	241.53	
23 33 13 19-0057	EA		32" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	791.63	35.74
			<i>For Dynamic Damper, Add</i>	369.58	
			<i>For 3 Hour Rated, Add</i>	205.32	
23 33 13 19-0058	EA		32" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	805.58	38.60
			<i>For Dynamic Damper, Add</i>	372.29	
			<i>For 3 Hour Rated, Add</i>	206.83	
23 33 13 19-0059	EA		32" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	819.57	41.64
			<i>For Dynamic Damper, Add</i>	375.01	
			<i>For 3 Hour Rated, Add</i>	208.34	
23 33 13 19-0060	EA		32" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	838.54	44.68
			<i>For Dynamic Damper, Add</i>	380.44	
			<i>For 3 Hour Rated, Add</i>	211.35	
23 33 13 19-0061	EA		32" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	863.50	47.54
			<i>For Dynamic Damper, Add</i>	389.09	
			<i>For 3 Hour Rated, Add</i>	216.16	
23 33 13 19-0062	EA		32" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	895.51	53.62
			<i>For Dynamic Damper, Add</i>	396.72	
			<i>For 3 Hour Rated, Add</i>	220.40	
23 33 13 19-0063	EA		32" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	933.55	59.52
			<i>For Dynamic Damper, Add</i>	407.61	
			<i>For 3 Hour Rated, Add</i>	226.45	
23 33 13 19-0064	EA		32" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	971.57	65.40
			<i>For Dynamic Damper, Add</i>	418.49	
			<i>For 3 Hour Rated, Add</i>	232.49	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0065	EA		32" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,010.63 434.76 241.53	68.45
23 33 13 19-0066	EA		32" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,060.17 453.79 252.11	73.27
23 33 13 19-0067	EA		32" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,112.89 475.51 264.17	77.38
23 33 13 19-0068	EA		36" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	831.40 386.23 214.57	38.60
23 33 13 19-0069	EA		36" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	851.25 392.12 217.85	41.64
23 33 13 19-0070	EA		36" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	871.11 398.02 221.12	44.68
23 33 13 19-0071	EA		36" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	896.47 406.89 226.05	47.54
23 33 13 19-0072	EA		36" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	922.57 411.33 228.52	53.62
23 33 13 19-0073	EA		36" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	939.71 415.76 230.98	56.48
23 33 13 19-0074	EA		36" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	993.88 430.54 239.19	65.40
23 33 13 19-0075	EA		36" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,039.04 445.27 247.37	71.49
23 33 13 19-0076	EA		36" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,078.99 462.99 257.22	73.81
23 33 13 19-0077	EA		36" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,138.83 486.62 270.34	79.17
23 33 13 19-0078	EA		36" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,189.55 507.25 281.81	83.28
23 33 13 19-0079	EA		36" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,242.24 530.88 294.93	86.31
23 33 13 19-0080	EA		40" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,339.39 655.72 364.29	44.68
23 33 13 19-0081	EA		40" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,377.64 671.55 373.08	47.54
23 33 13 19-0082	EA		40" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,393.94 675.52 375.29	50.58
23 33 13 19-0083	EA		40" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,410.23 679.50 377.50	53.62
23 33 13 19-0084	EA		40" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,453.79 693.37 385.20	56.48
23 33 13 19-0085	EA		40" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,488.45 707.26 392.92	59.52
23 33 13 19-0086	EA		40" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,544.62 723.11 401.73	68.45
23 33 13 19-0087	EA		40" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,591.80 738.94 410.52	74.34
23 33 13 19-0088	EA		40" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,650.19 762.75 423.75	79.17
23 33 13 19-0089	EA		40" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,743.36 806.31 447.95	83.28
23 33 13 19-0090	EA		40" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,801.66 830.07 461.15	88.11
23 33 13 19-0091	EA		40" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,889.58 873.68 485.38	90.43
23 33 13 19-0092	EA		40" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,977.28 913.32 507.40	95.25
23 33 13 19-0093	EA		44" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,363.00 663.64 368.69	44.68
23 33 13 19-0094	EA		44" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,401.30 679.50 377.50	47.54

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 33 13 19-0095	EA	44" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,432.28	50.58
		<i>For Dynamic Damper, Add</i>	691.41	
		<i>For 3 Hour Rated, Add</i>	384.11	
23 33 13 19-0096	EA	44" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,448.58	53.62
		<i>For Dynamic Damper, Add</i>	695.38	
		<i>For 3 Hour Rated, Add</i>	386.32	
23 33 13 19-0097	EA	44" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,486.88	56.48
		<i>For Dynamic Damper, Add</i>	711.23	
		<i>For 3 Hour Rated, Add</i>	395.13	
23 33 13 19-0098	EA	44" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,525.13	59.52
		<i>For Dynamic Damper, Add</i>	727.07	
		<i>For 3 Hour Rated, Add</i>	403.93	
23 33 13 19-0099	EA	44" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,597.60	71.49
		<i>For Dynamic Damper, Add</i>	746.90	
		<i>For 3 Hour Rated, Add</i>	414.94	
23 33 13 19-0100	EA	44" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,652.09	77.38
		<i>For Dynamic Damper, Add</i>	766.68	
		<i>For 3 Hour Rated, Add</i>	425.93	
23 33 13 19-0101	EA	44" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,743.36	83.28
		<i>For Dynamic Damper, Add</i>	806.31	
		<i>For 3 Hour Rated, Add</i>	447.95	
23 33 13 19-0102	EA	44" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,827.27	89.35
		<i>For Dynamic Damper, Add</i>	841.97	
		<i>For 3 Hour Rated, Add</i>	467.76	
23 33 13 19-0103	EA	44" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,918.51	95.25
		<i>For Dynamic Damper, Add</i>	881.59	
		<i>For 3 Hour Rated, Add</i>	489.77	
23 33 13 19-0104	EA	44" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,993.48	98.11
		<i>For Dynamic Damper, Add</i>	917.25	
		<i>For 3 Hour Rated, Add</i>	509.58	
23 33 13 19-0105	EA	44" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,068.50	101.15
		<i>For Dynamic Damper, Add</i>	952.93	
		<i>For 3 Hour Rated, Add</i>	529.41	
23 33 13 19-0106	EA	44" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,143.53	104.19
		<i>For Dynamic Damper, Add</i>	988.62	
		<i>For 3 Hour Rated, Add</i>	549.23	
23 33 13 19-0107	EA	48" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,393.94	47.54
		<i>For Dynamic Damper, Add</i>	675.52	
		<i>For 3 Hour Rated, Add</i>	375.29	
23 33 13 19-0108	EA	48" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,432.28	50.58
		<i>For Dynamic Damper, Add</i>	691.41	
		<i>For 3 Hour Rated, Add</i>	384.11	
23 33 13 19-0109	EA	48" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,448.58	53.62
		<i>For Dynamic Damper, Add</i>	695.38	
		<i>For 3 Hour Rated, Add</i>	386.32	
23 33 13 19-0110	EA	48" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,488.45	59.52
		<i>For Dynamic Damper, Add</i>	707.26	
		<i>For 3 Hour Rated, Add</i>	392.92	
23 33 13 19-0111	EA	48" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,535.69	65.40
		<i>For Dynamic Damper, Add</i>	723.11	
		<i>For 3 Hour Rated, Add</i>	401.73	
23 33 13 19-0112	EA	48" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,582.87	71.49
		<i>For Dynamic Damper, Add</i>	738.94	
		<i>For 3 Hour Rated, Add</i>	410.52	
23 33 13 19-0113	EA	48" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,644.82	77.38
		<i>For Dynamic Damper, Add</i>	762.75	
		<i>For 3 Hour Rated, Add</i>	423.75	
23 33 13 19-0114	EA	48" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,706.69	83.28
		<i>For Dynamic Damper, Add</i>	786.51	
		<i>For 3 Hour Rated, Add</i>	436.95	
23 33 13 19-0115	EA	48" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,790.60	89.35
		<i>For Dynamic Damper, Add</i>	822.17	
		<i>For 3 Hour Rated, Add</i>	456.76	
23 33 13 19-0116	EA	48" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,889.15	95.25
		<i>For Dynamic Damper, Add</i>	865.73	
		<i>For 3 Hour Rated, Add</i>	480.96	
23 33 13 19-0117	EA	48" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,964.21	98.11
		<i>For Dynamic Damper, Add</i>	901.44	
		<i>For 3 Hour Rated, Add</i>	500.80	
23 33 13 19-0118	EA	48" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,061.14	101.15
		<i>For Dynamic Damper, Add</i>	948.96	
		<i>For 3 Hour Rated, Add</i>	527.20	
23 33 13 19-0119	EA	48" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,145.09	107.05
		<i>For Dynamic Damper, Add</i>	984.64	
		<i>For 3 Hour Rated, Add</i>	547.02	
23 33 13 19-0120	EA	48" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,242.12	110.08
		<i>For Dynamic Damper, Add</i>	1,032.21	
		<i>For 3 Hour Rated, Add</i>	573.45	
23 33 13 19-0121	EA	48" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,327.60	119.02
		<i>For Dynamic Damper, Add</i>	1,063.89	
		<i>For 3 Hour Rated, Add</i>	591.05	
23 33 13 19-0122	EA	52" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,424.91	50.58
		<i>For Dynamic Damper, Add</i>	687.43	
		<i>For 3 Hour Rated, Add</i>	381.90	
23 33 13 19-0123	EA	52" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,463.21	53.62
		<i>For Dynamic Damper, Add</i>	703.28	
		<i>For 3 Hour Rated, Add</i>	390.71	
23 33 13 19-0124	EA	52" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,510.45	59.52
		<i>For Dynamic Damper, Add</i>	719.14	
		<i>For 3 Hour Rated, Add</i>	399.52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0125	EA		52" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,535.69 723.11 401.73	65.40
23 33 13 19-0126	EA		52" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,586.60 740.96 411.64	71.49
23 33 13 19-0127	EA		52" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,637.46 758.78 421.54	77.38
23 33 13 19-0128	EA		52" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,699.37 782.56 434.75	83.28
23 33 13 19-0129	EA		52" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,761.23 806.31 447.95	89.35
23 33 13 19-0130	EA		52" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,845.15 841.97 467.76	95.25
23 33 13 19-0131	EA		52" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,951.11 889.54 494.19	101.15
23 33 13 19-0132	EA		52" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,033.36 929.13 516.18	104.19
23 33 13 19-0133	EA		52" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,137.78 980.69 544.83	107.05
23 33 13 19-0134	EA		52" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,243.64 1,028.21 571.23	113.12
23 33 13 19-0135	EA		52" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,327.60 1,063.89 591.05	119.02
23 33 13 19-0136	EA		52" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,442.43 1,111.43 617.46	127.96
23 33 13 19-0137	EA		52" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,533.71 1,151.07 639.48	133.85
23 33 13 19-0138	EA		56" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,448.58 695.38 386.32	53.62
23 33 13 19-0139	EA		56" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,503.08 715.16 397.31	59.52
23 33 13 19-0140	EA		56" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,543.01 727.07 403.93	65.40
23 33 13 19-0141	EA		56" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,568.19 731.01 406.12	71.49
23 33 13 19-0142	EA		56" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,626.46 752.84 418.24	77.38
23 33 13 19-0143	EA		56" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,684.69 774.63 430.35	83.28
23 33 13 19-0144	EA		56" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,742.87 796.40 442.44	89.35
23 33 13 19-0145	EA		56" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,801.11 818.19 454.55	95.25
23 33 13 19-0146	EA		56" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,907.02 865.73 480.96	101.15
23 33 13 19-0147	EA		56" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,004.09 913.32 507.40	104.19
23 33 13 19-0148	EA		56" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,093.69 956.89 531.60	107.05
23 33 13 19-0149	EA		56" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,214.32 1,012.38 562.43	113.12
23 33 13 19-0150	EA		56" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,320.24 1,059.92 588.84	119.02
23 33 13 19-0151	EA		56" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,433.51 1,111.43 617.46	124.92
23 33 13 19-0152	EA		56" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,524.77 1,151.07 639.48	130.99
23 33 13 19-0153	EA		56" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,638.04 1,202.59 668.10	136.89
23 33 13 19-0154	EA		56" x 56" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,751.32 1,254.10 696.72	142.79

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0155	EA		60" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,488.45	59.52
			<i>For Dynamic Damper, Add</i>	707.26	
			<i>For 3 Hour Rated, Add</i>	392.92	
23 33 13 19-0156	EA		60" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,543.01	65.40
			<i>For Dynamic Damper, Add</i>	727.07	
			<i>For 3 Hour Rated, Add</i>	403.93	
23 33 13 19-0157	EA		60" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,575.56	71.49
			<i>For Dynamic Damper, Add</i>	734.99	
			<i>For 3 Hour Rated, Add</i>	408.33	
23 33 13 19-0158	EA		60" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,600.73	77.38
			<i>For Dynamic Damper, Add</i>	738.94	
			<i>For 3 Hour Rated, Add</i>	410.52	
23 33 13 19-0159	EA		60" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,662.69	83.28
			<i>For Dynamic Damper, Add</i>	762.75	
			<i>For 3 Hour Rated, Add</i>	423.75	
23 33 13 19-0160	EA		60" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,724.56	89.35
			<i>For Dynamic Damper, Add</i>	786.51	
			<i>For 3 Hour Rated, Add</i>	436.95	
23 33 13 19-0161	EA		60" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,790.11	95.25
			<i>For Dynamic Damper, Add</i>	812.25	
			<i>For 3 Hour Rated, Add</i>	451.25	
23 33 13 19-0162	EA		60" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,855.71	101.15
			<i>For Dynamic Damper, Add</i>	838.03	
			<i>For 3 Hour Rated, Add</i>	465.57	
23 33 13 19-0163	EA		60" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,960.05	104.19
			<i>For Dynamic Damper, Add</i>	889.54	
			<i>For 3 Hour Rated, Add</i>	494.19	
23 33 13 19-0164	EA		60" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,057.01	107.05
			<i>For Dynamic Damper, Add</i>	937.08	
			<i>For 3 Hour Rated, Add</i>	520.60	
23 33 13 19-0165	EA		60" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,170.33	113.12
			<i>For Dynamic Damper, Add</i>	988.62	
			<i>For 3 Hour Rated, Add</i>	549.23	
23 33 13 19-0166	EA		60" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,283.61	119.02
			<i>For Dynamic Damper, Add</i>	1,040.14	
			<i>For 3 Hour Rated, Add</i>	577.85	
23 33 13 19-0167	EA		60" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,374.83	124.92
			<i>For Dynamic Damper, Add</i>	1,079.75	
			<i>For 3 Hour Rated, Add</i>	599.86	
23 33 13 19-0168	EA		60" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,510.09	130.99
			<i>For Dynamic Damper, Add</i>	1,143.14	
			<i>For 3 Hour Rated, Add</i>	635.08	
23 33 13 19-0169	EA		60" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,630.72	136.89
			<i>For Dynamic Damper, Add</i>	1,198.63	
			<i>For 3 Hour Rated, Add</i>	665.91	
23 33 13 19-0170	EA		60" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,751.32	142.79
			<i>For Dynamic Damper, Add</i>	1,254.10	
			<i>For 3 Hour Rated, Add</i>	696.72	
23 33 13 19-0171	EA		60" x 56" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,857.18	148.87
			<i>For Dynamic Damper, Add</i>	1,301.62	
			<i>For 3 Hour Rated, Add</i>	723.12	
23 33 13 19-0172	EA		60" x 60" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,963.23	154.77
			<i>For Dynamic Damper, Add</i>	1,349.23	
			<i>For 3 Hour Rated, Add</i>	749.57	
23 33 13 19-0173 Smoke Damper <small>(23 33 13 19)</small>					
Note: Leakage class I with Firestat UL 555S air foil blades.					
23 33 13 19-0174	EA		6" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	125.48	13.23
			<i>For Dynamic Damper, Add</i>	46.34	
			<i>For 3 Hour Rated, Add</i>	25.74	
23 33 13 19-0175	EA		8" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	129.43	13.82
			<i>For Dynamic Damper, Add</i>	47.50	
			<i>For 3 Hour Rated, Add</i>	26.39	
23 33 13 19-0176	EA		8" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	131.84	13.94
			<i>For Dynamic Damper, Add</i>	48.68	
			<i>For 3 Hour Rated, Add</i>	27.04	
23 33 13 19-0177	EA		10" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	131.84	13.94
			<i>For Dynamic Damper, Add</i>	48.68	
			<i>For 3 Hour Rated, Add</i>	27.04	
23 33 13 19-0178	EA		10" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	135.21	14.30
			<i>For Dynamic Damper, Add</i>	49.85	
			<i>For 3 Hour Rated, Add</i>	27.69	
23 33 13 19-0179	EA		10" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	144.31	15.85
			<i>For Dynamic Damper, Add</i>	52.19	
			<i>For 3 Hour Rated, Add</i>	29.00	
23 33 13 19-0180	EA		12" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	135.21	14.30
			<i>For Dynamic Damper, Add</i>	49.85	
			<i>For 3 Hour Rated, Add</i>	27.69	
23 33 13 19-0181	EA		12" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	141.92	15.13
			<i>For Dynamic Damper, Add</i>	52.19	
			<i>For 3 Hour Rated, Add</i>	29.00	
23 33 13 19-0182	EA		12" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	146.49	15.85
			<i>For Dynamic Damper, Add</i>	53.37	
			<i>For 3 Hour Rated, Add</i>	29.65	
23 33 13 19-0183	EA		12" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	154.62	17.87
			<i>For Dynamic Damper, Add</i>	54.54	
			<i>For 3 Hour Rated, Add</i>	30.30	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0184	EA		14" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	140.84 51.61 28.67	15.13
23 33 13 19-0185	EA		14" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	146.49 53.37 29.65	15.85
23 33 13 19-0186	EA		14" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	151.04 54.54 30.30	16.68
23 33 13 19-0187	EA		14" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	156.80 55.72 30.95	17.87
23 33 13 19-0188	EA		14" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	168.18 58.65 32.58	19.89
23 33 13 19-0189	EA		16" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	225.61 96.09 53.39	15.85
23 33 13 19-0190	EA		16" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	231.34 97.26 54.03	17.03
23 33 13 19-0191	EA		16" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	238.29 98.44 54.69	18.70
23 33 13 19-0192	EA		16" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	244.02 99.60 55.34	19.89
23 33 13 19-0193	EA		16" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	255.44 102.55 56.97	21.80
23 33 13 19-0194	EA		16" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	266.82 105.48 58.60	23.83
23 33 13 19-0195	EA		18" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	230.15 97.26 54.03	16.68
23 33 13 19-0196	EA		18" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	236.99 99.02 55.01	17.87
23 33 13 19-0197	EA		18" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	246.22 100.79 56.00	19.89
23 33 13 19-0198	EA		18" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	257.61 103.72 57.62	21.80
23 33 13 19-0199	EA		18" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	267.90 106.06 58.92	23.83
23 33 13 19-0200	EA		18" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	279.29 109.00 60.56	25.73
23 33 13 19-0201	EA		18" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	288.50 110.76 61.53	27.76
23 33 13 19-0202	EA		20" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	235.92 98.44 54.69	17.87
23 33 13 19-0203	EA		20" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	246.20 100.78 55.99	19.89
23 33 13 19-0204	EA		20" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	256.51 103.13 57.29	21.80
23 33 13 19-0205	EA		20" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	271.18 107.83 59.91	23.83
23 33 13 19-0206	EA		20" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	280.39 109.59 60.89	25.73
23 33 13 19-0207	EA		20" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	289.60 111.35 61.86	27.76
23 33 13 19-0208	EA		20" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	299.89 113.69 63.16	29.79
23 33 13 19-0209	EA		20" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	310.19 116.04 64.46	31.69
23 33 13 19-0210	EA		24" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	311.66 136.13 75.63	19.89
23 33 13 19-0211	EA		24" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	324.16 139.66 77.59	21.80
23 33 13 19-0212	EA		24" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	334.47 142.01 78.89	23.83
23 33 13 19-0213	EA		24" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	346.94 145.53 80.85	25.73

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0214	EA		24" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	356.15 147.29 81.83	27.76
23 33 13 19-0215	EA		24" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	365.35 149.04 82.80	29.79
23 33 13 19-0216	EA		24" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	377.83 152.56 84.76	31.69
23 33 13 19-0217	EA		24" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	396.26 156.08 86.71	35.74
23 33 13 19-0218	EA		24" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	416.88 160.78 89.32	39.67
23 33 13 19-0219	EA		28" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	324.16 139.66 77.59	21.80
23 33 13 19-0220	EA		28" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	334.47 142.01 78.89	23.83
23 33 13 19-0221	EA		28" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	346.94 145.53 80.85	25.73
23 33 13 19-0222	EA		28" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	357.22 147.87 82.15	27.76
23 33 13 19-0223	EA		28" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	368.61 150.80 83.78	29.79
23 33 13 19-0224	EA		28" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	380.00 153.73 85.41	31.69
23 33 13 19-0225	EA		28" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	398.43 157.25 87.36	35.74
23 33 13 19-0226	EA		28" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	416.88 160.78 89.32	39.67
23 33 13 19-0227	EA		28" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	435.86 167.81 93.23	41.70
23 33 13 19-0228	EA		28" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	458.64 173.68 96.49	45.63
23 33 13 19-0229	EA		32" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	340.99 145.53 80.85	23.83
23 33 13 19-0230	EA		32" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	349.09 146.69 81.50	25.73
23 33 13 19-0231	EA		32" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	357.22 147.87 82.15	27.76
23 33 13 19-0232	EA		32" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	367.52 150.21 83.45	29.79
23 33 13 19-0233	EA		32" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	380.41 153.95 85.53	31.69
23 33 13 19-0234	EA		32" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	398.43 157.25 87.36	35.74
23 33 13 19-0235	EA		32" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	419.05 161.95 89.97	39.67
23 33 13 19-0236	EA		32" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	439.66 166.65 92.58	43.61
23 33 13 19-0237	EA		32" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	458.64 173.68 96.49	45.63
23 33 13 19-0238	EA		32" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	483.40 181.90 101.06	48.84
23 33 13 19-0239	EA		32" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	509.11 191.28 106.27	51.58
23 33 13 19-0240	EA		36" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	357.17 151.05 83.92	25.73
23 33 13 19-0241	EA		36" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	367.67 153.51 85.28	27.76
23 33 13 19-0242	EA		36" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	378.17 155.96 86.65	29.79
23 33 13 19-0243	EA		36" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	390.96 159.65 88.70	31.69

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0244	EA		36" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	406.31 161.51 89.73	35.74
23 33 13 19-0245	EA		36" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	415.68 163.35 90.75	37.65
23 33 13 19-0246	EA		36" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	444.93 169.50 94.16	43.61
23 33 13 19-0247	EA		36" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	468.21 175.63 97.57	47.66
23 33 13 19-0248	EA		36" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	486.64 183.01 101.67	49.21
23 33 13 19-0249	EA		36" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	515.56 192.84 107.13	52.78
23 33 13 19-0250	EA		36" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	539.84 201.44 111.91	55.52
23 33 13 19-0251	EA		36" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	564.02 211.28 117.38	57.54
23 33 13 19-0252	EA		40" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	412.86 177.91 98.84	29.79
23 33 13 19-0253	EA		40" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	427.91 182.82 101.57	31.69
23 33 13 19-0254	EA		40" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	436.15 184.05 102.25	33.71
23 33 13 19-0255	EA		40" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	444.39 185.28 102.94	35.74
23 33 13 19-0256	EA		40" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	464.28 189.59 105.33	37.65
23 33 13 19-0257	EA		40" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	478.21 193.90 107.72	39.67
23 33 13 19-0258	EA		40" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	505.18 198.81 110.45	45.63
23 33 13 19-0259	EA		40" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	526.21 203.73 113.18	49.56
23 33 13 19-0260	EA		40" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	549.39 211.11 117.28	52.78
23 33 13 19-0261	EA		40" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	582.77 224.62 124.79	55.52
23 33 13 19-0262	EA		40" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	605.94 231.99 128.88	58.74
23 33 13 19-0263	EA		40" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	635.75 245.52 136.40	60.28
23 33 13 19-0264	EA		40" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	668.06 257.81 143.23	63.50
23 33 13 19-0265	EA		44" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	423.37 180.37 100.21	29.79
23 33 13 19-0266	EA		44" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	438.43 185.28 102.94	31.69
23 33 13 19-0267	EA		44" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	451.24 188.98 104.99	33.71
23 33 13 19-0268	EA		44" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	459.47 190.22 105.68	35.74
23 33 13 19-0269	EA		44" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	474.53 195.13 108.41	37.65
23 33 13 19-0270	EA		44" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	489.59 200.04 111.14	39.67
23 33 13 19-0271	EA		44" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	524.81 206.19 114.55	47.66
23 33 13 19-0272	EA		44" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	548.08 212.33 117.96	51.58
23 33 13 19-0273	EA		44" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	582.77 224.62 124.79	55.52

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0274	EA		44" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	615.17 235.69 130.94	59.57
23 33 13 19-0275	EA		44" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	649.83 247.97 137.76	63.50
23 33 13 19-0276	EA		44" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	676.28 259.03 143.91	65.40
23 33 13 19-0277	EA		44" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	702.72 270.10 150.05	67.44
23 33 13 19-0278	EA		44" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	729.17 281.16 156.20	69.46
23 33 13 19-0279	EA		48" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	436.15 184.05 102.25	31.69
23 33 13 19-0280	EA		48" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	451.24 188.98 104.99	33.71
23 33 13 19-0281	EA		48" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	459.47 190.22 105.68	35.74
23 33 13 19-0282	EA		48" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	478.21 193.90 107.72	39.67
23 33 13 19-0283	EA		48" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	499.22 198.81 110.45	43.61
23 33 13 19-0284	EA		48" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	520.25 203.73 113.18	47.66
23 33 13 19-0285	EA		48" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	545.82 211.11 117.28	51.58
23 33 13 19-0286	EA		48" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	571.38 218.47 121.37	55.52
23 33 13 19-0287	EA		48" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	603.78 229.54 127.52	59.57
23 33 13 19-0288	EA		48" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	640.73 243.05 135.03	63.50
23 33 13 19-0289	EA		48" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	667.20 254.13 141.18	65.40
23 33 13 19-0290	EA		48" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	700.44 268.87 149.37	67.44
23 33 13 19-0291	EA		48" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	732.85 279.93 155.52	71.36
23 33 13 19-0292	EA		48" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	766.12 294.68 163.71	73.39
23 33 13 19-0293	EA		48" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	802.20 304.52 169.18	79.35
23 33 13 19-0294	EA		52" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	448.96 187.75 104.31	33.71
23 33 13 19-0295	EA		52" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	464.01 192.67 107.04	35.74
23 33 13 19-0296	EA		52" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	485.03 197.58 109.77	39.67
23 33 13 19-0297	EA		52" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	499.22 198.81 110.45	43.61
23 33 13 19-0298	EA		52" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	521.39 204.35 113.53	47.66
23 33 13 19-0299	EA		52" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	543.54 209.88 116.60	51.58
23 33 13 19-0300	EA		52" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	569.12 217.25 120.70	55.52
23 33 13 19-0301	EA		52" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	594.68 224.62 124.79	59.57
23 33 13 19-0302	EA		52" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	627.09 235.69 130.94	63.50
23 33 13 19-0303	EA		52" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	666.30 250.43 139.13	67.44

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0304	EA		52" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	695.01 262.72 145.95	69.46
23 33 13 19-0305	EA		52" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	730.57 278.70 154.83	71.36
23 33 13 19-0306	EA		52" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	769.78 293.44 163.02	75.41
23 33 13 19-0307	EA		52" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	802.20 304.52 169.18	79.35
23 33 13 19-0308	EA		52" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	847.38 319.26 177.37	85.31
23 33 13 19-0309	EA		52" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	882.06 331.56 184.20	89.23
23 33 13 19-0310	EA		56" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	459.47 190.22 105.68	35.74
23 33 13 19-0311	EA		56" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	482.75 196.35 109.08	39.67
23 33 13 19-0312	EA		56" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	501.50 200.04 111.14	43.61
23 33 13 19-0313	EA		56" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	515.68 201.26 111.81	47.66
23 33 13 19-0314	EA		56" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	540.12 208.03 115.57	51.58
23 33 13 19-0315	EA		56" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	564.56 214.79 119.33	55.52
23 33 13 19-0316	EA		56" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	588.98 221.55 123.08	59.57
23 33 13 19-0317	EA		56" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	613.42 228.31 126.84	63.50
23 33 13 19-0318	EA		56" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	652.64 243.05 135.03	67.44
23 33 13 19-0319	EA		56" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	685.93 257.81 143.23	69.46
23 33 13 19-0320	EA		56" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	716.92 271.33 150.74	71.36
23 33 13 19-0321	EA		56" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	760.70 288.54 160.30	75.41
23 33 13 19-0322	EA		56" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	799.92 303.29 168.49	79.35
23 33 13 19-0323	EA		56" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	841.42 319.26 177.37	83.28
23 33 13 19-0324	EA		56" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	876.11 331.56 184.20	87.33
23 33 13 19-0325	EA		56" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	917.60 347.53 193.07	91.27
23 33 13 19-0326	EA		56" x 56" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	959.11 363.51 201.95	95.19
23 33 13 19-0327	EA		60" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	478.21 193.90 107.72	39.67
23 33 13 19-0328	EA		60" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	501.50 200.04 111.14	43.61
23 33 13 19-0329	EA		60" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	517.96 202.49 112.50	47.66
23 33 13 19-0330	EA		60" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	532.16 203.73 113.18	51.58
23 33 13 19-0331	EA		60" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	557.74 211.11 117.28	55.52
23 33 13 19-0332	EA		60" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	583.29 218.47 121.37	59.57
23 33 13 19-0333	EA		60" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	610.00 226.46 125.81	63.50

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 33 13 19-0334	EA	60" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	636.71	67.44
		<i>For Dynamic Damper, Add</i>	234.45	
		<i>For 3 Hour Rated, Add</i>	130.25	
23 33 13 19-0335	EA	60" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	672.26	69.46
		<i>For Dynamic Damper, Add</i>	250.43	
		<i>For 3 Hour Rated, Add</i>	139.13	
23 33 13 19-0336	EA	60" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	705.53	71.36
		<i>For Dynamic Damper, Add</i>	265.18	
		<i>For 3 Hour Rated, Add</i>	147.32	
23 33 13 19-0337	EA	60" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	747.04	75.41
		<i>For Dynamic Damper, Add</i>	281.16	
		<i>For 3 Hour Rated, Add</i>	156.20	
23 33 13 19-0338	EA	60" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	788.54	79.35
		<i>For Dynamic Damper, Add</i>	297.14	
		<i>For 3 Hour Rated, Add</i>	165.08	
23 33 13 19-0339	EA	60" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	823.20	83.28
		<i>For Dynamic Damper, Add</i>	309.43	
		<i>For 3 Hour Rated, Add</i>	171.90	
23 33 13 19-0340	EA	60" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	871.53	87.33
		<i>For Dynamic Damper, Add</i>	329.09	
		<i>For 3 Hour Rated, Add</i>	182.83	
23 33 13 19-0341	EA	60" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	915.31	91.27
		<i>For Dynamic Damper, Add</i>	346.30	
		<i>For 3 Hour Rated, Add</i>	192.39	
23 33 13 19-0342	EA	60" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	959.11	95.19
		<i>For Dynamic Damper, Add</i>	363.51	
		<i>For 3 Hour Rated, Add</i>	201.95	
23 33 13 19-0343	EA	60" x 56" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	998.30	99.24
		<i>For Dynamic Damper, Add</i>	378.24	
		<i>For 3 Hour Rated, Add</i>	210.14	
23 33 13 19-0344	EA	60" x 60" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,037.56	103.18
		<i>For Dynamic Damper, Add</i>	393.01	
		<i>For 3 Hour Rated, Add</i>	218.34	

23 33 13 19-0345 Motorized Combination Fire/Smoke Damper (Dayton) (23 33 13 19)

Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.

23 33 13 19-0346	EA	8" Width x 8" Height, 120 Volt, 1-1/2 Hour, Galvanized Steel, Motorized Combination Fire/Smoke Damper (Dayton 3HGJ9)	783.48	21.68
		Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.		
23 33 13 19-0347	EA	10" Width x 10" Height, 120 Volt, 1-1/2 Hour, Galvanized Steel, Motorized Combination Fire/Smoke Damper (Dayton 3HGK1)	799.32	22.64
		Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.		
23 33 13 19-0348	EA	12" Width x 12" Height, 120 Volt, 1-1/2 Hour, Galvanized Steel, Motorized Combination Fire/Smoke Damper (Dayton 3HGK2)	866.47	23.83
		Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.		
23 33 13 19-0349	EA	16" Width x 16" Height, 120 Volt, 1-1/2 Hour, Galvanized Steel, Motorized Combination Fire/Smoke Damper (Dayton 3HGK3)	908.02	25.14
		Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.		
23 33 13 19-0350	EA	18" Width x 18" Height, 120 Volt, 1-1/2 Hour, Galvanized Steel, Motorized Combination Fire/Smoke Damper (Dayton 3HGK4)	972.24	26.45
		Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.		
23 33 13 19-0351	EA	24" Width x 24" Height, 120 Volt, 1-1/2 Hour, Galvanized Steel, Motorized Combination Fire/Smoke Damper (Dayton 3HGK5)	1,062.08	28.00
		Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.		
23 33 13 19-0352	EA	8" Width x 8" Height, 24 Volt, 1-1/2 Hour, Galvanized Steel, Motorized Combination Fire/Smoke Damper (Dayton 3HGJ3)	786.49	21.68
		Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.		
23 33 13 19-0353	EA	10" Width x 10" Height, 24 Volt, 1-1/2 Hour, Galvanized Steel, Motorized Combination Fire/Smoke Damper (Dayton 3HGJ4)	785.68	22.64
		Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.		
23 33 13 19-0354	EA	12" Width x 12" Height, 24 Volt, 1-1/2 Hour, Galvanized Steel, Motorized Combination Fire/Smoke Damper (Dayton 3HGJ5)	866.40	23.83
		Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.		
23 33 13 19-0355	EA	16" Width x 16" Height, 24 Volt, 1-1/2 Hour, Galvanized Steel, Motorized Combination Fire/Smoke Damper (Dayton 3HGJ6)	908.02	25.14
		Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.		
23 33 13 19-0356	EA	18" Width x 18" Height, 24 Volt, 1-1/2 Hour, Galvanized Steel, Motorized Combination Fire/Smoke Damper (Dayton 3HGJ7)	972.24	26.45
		Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.		
23 33 13 19-0357	EA	24" Width x 24" Height, 24 Volt, 1-1/2 Hour, Galvanized Steel, Motorized Combination Fire/Smoke Damper (Dayton 3HGJ8)	1,039.71	28.00
		Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.		

23 33 13 23 Backdraft Dampers (23 33 13)**23 33 13 23-0001 Horizontally Mounted Backdraft Damper** (23 33 13 23)

Note: Galvanized steel frame, aluminum blades. Exclude motor pack.

23 33 13 23-0002	EA	6" x 6" Horizontally Mounted Backdraft Damper	87.34	13.23
23 33 13 23-0003	EA	8" x 6" Horizontally Mounted Backdraft Damper	105.02	13.82
23 33 13 23-0004	EA	8" x 8" Horizontally Mounted Backdraft Damper	126.43	13.94
23 33 13 23-0005	EA	10" x 6" Horizontally Mounted Backdraft Damper	121.15	13.94
23 33 13 23-0006	EA	10" x 8" Horizontally Mounted Backdraft Damper	116.04	14.30
23 33 13 23-0007	EA	10" x 10" Horizontally Mounted Backdraft Damper	139.08	15.85
23 33 13 23-0008	EA	12" x 6" Horizontally Mounted Backdraft Damper	108.72	14.30
23 33 13 23-0009	EA	12" x 8" Horizontally Mounted Backdraft Damper	135.42	15.85
23 33 13 23-0010	EA	12" x 10" Horizontally Mounted Backdraft Damper	129.93	16.68
23 33 13 23-0011	EA	12" x 12" Horizontally Mounted Backdraft Damper	149.50	17.87

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0012	EA	14" x 6"	Horizontally Mounted Backdraft Damper.....	122.06	15.13
23 33 13 23-0013	EA	14" x 8"	Horizontally Mounted Backdraft Damper.....	124.60	16.68
23 33 13 23-0014	EA	14" x 10"	Horizontally Mounted Backdraft Damper.....	146.85	17.87
23 33 13 23-0015	EA	14" x 12"	Horizontally Mounted Backdraft Damper.....	131.28	19.89
23 33 13 23-0016	EA	14" x 14"	Horizontally Mounted Backdraft Damper.....	149.19	21.80
23 33 13 23-0017	EA	16" x 6"	Horizontally Mounted Backdraft Damper.....	135.42	15.85
23 33 13 23-0018	EA	16" x 8"	Horizontally Mounted Backdraft Damper.....	138.84	17.87
23 33 13 23-0019	EA	16" x 10"	Horizontally Mounted Backdraft Damper.....	127.87	19.89
23 33 13 23-0020	EA	16" x 12"	Horizontally Mounted Backdraft Damper.....	141.51	19.89
23 33 13 23-0021	EA	16" x 14"	Horizontally Mounted Backdraft Damper.....	161.14	21.80
23 33 13 23-0022	EA	16" x 16"	Horizontally Mounted Backdraft Damper.....	180.75	23.83
23 33 13 23-0023	EA	18" x 6"	Horizontally Mounted Backdraft Damper.....	121.95	16.68
23 33 13 23-0024	EA	18" x 8"	Horizontally Mounted Backdraft Damper.....	115.07	17.87
23 33 13 23-0025	EA	18" x 10"	Horizontally Mounted Backdraft Damper.....	136.39	19.89
23 33 13 23-0026	EA	18" x 12"	Horizontally Mounted Backdraft Damper.....	157.71	21.80
23 33 13 23-0027	EA	18" x 14"	Horizontally Mounted Backdraft Damper.....	179.03	23.83
23 33 13 23-0028	EA	18" x 16"	Horizontally Mounted Backdraft Damper.....	204.29	25.73
23 33 13 23-0029	EA	18" x 18"	Horizontally Mounted Backdraft Damper.....	232.06	29.79
23 33 13 23-0030	EA	18" x 20"	Horizontally Mounted Backdraft Damper.....	191.48	31.69
23 33 13 23-0031	EA	18" x 24"	Horizontally Mounted Backdraft Damper.....	222.61	35.74
23 33 13 23-0032	EA	20" x 6"	Horizontally Mounted Backdraft Damper.....	133.51	17.87
23 33 13 23-0033	EA	20" x 8"	Horizontally Mounted Backdraft Damper.....	127.87	19.89
23 33 13 23-0034	EA	20" x 10"	Horizontally Mounted Backdraft Damper.....	150.89	21.80
23 33 13 23-0035	EA	20" x 12"	Horizontally Mounted Backdraft Damper.....	173.93	23.83
23 33 13 23-0036	EA	20" x 14"	Horizontally Mounted Backdraft Damper.....	200.77	25.73
23 33 13 23-0037	EA	20" x 16"	Horizontally Mounted Backdraft Damper.....	224.33	27.76
23 33 13 23-0038	EA	20" x 18"	Horizontally Mounted Backdraft Damper.....	191.48	31.69
23 33 13 23-0039	EA	20" x 20"	Horizontally Mounted Backdraft Damper.....	202.16	31.69
23 33 13 23-0040	EA	20" x 24"	Horizontally Mounted Backdraft Damper.....	235.43	35.74
23 33 13 23-0041	EA	20" x 28"	Horizontally Mounted Backdraft Damper.....	268.71	39.67
23 33 13 23-0042	EA	20" x 32"	Horizontally Mounted Backdraft Damper.....	253.15	43.61
23 33 13 23-0043	EA	20" x 36"	Horizontally Mounted Backdraft Damper.....	280.32	47.66
23 33 13 23-0044	EA	24" x 6"	Horizontally Mounted Backdraft Damper.....	121.02	19.89
23 33 13 23-0045	EA	24" x 8"	Horizontally Mounted Backdraft Damper.....	147.47	21.80
23 33 13 23-0046	EA	24" x 10"	Horizontally Mounted Backdraft Damper.....	173.93	23.83
23 33 13 23-0047	EA	24" x 12"	Horizontally Mounted Backdraft Damper.....	204.29	25.73
23 33 13 23-0048	EA	24" x 14"	Horizontally Mounted Backdraft Damper.....	179.10	29.79
23 33 13 23-0049	EA	24" x 16"	Horizontally Mounted Backdraft Damper.....	197.88	31.69
23 33 13 23-0050	EA	24" x 18"	Horizontally Mounted Backdraft Damper.....	222.61	35.74
23 33 13 23-0051	EA	24" x 20"	Horizontally Mounted Backdraft Damper.....	235.43	35.74
23 33 13 23-0052	EA	24" x 24"	Horizontally Mounted Backdraft Damper.....	272.99	39.67
23 33 13 23-0053	EA	24" x 28"	Horizontally Mounted Backdraft Damper.....	259.24	43.61
23 33 13 23-0054	EA	24" x 32"	Horizontally Mounted Backdraft Damper.....	289.49	47.66
23 33 13 23-0055	EA	24" x 36"	Horizontally Mounted Backdraft Damper.....	319.71	51.58
23 33 13 23-0056	EA	24" x 40"	Horizontally Mounted Backdraft Damper.....	313.32	55.52
23 33 13 23-0057	EA	24" x 44"	Horizontally Mounted Backdraft Damper.....	339.88	59.57
23 33 13 23-0058	EA	24" x 48"	Horizontally Mounted Backdraft Damper.....	354.53	59.57
23 33 13 23-0059	EA	28" x 6"	Horizontally Mounted Backdraft Damper.....	131.28	19.89
23 33 13 23-0060	EA	28" x 8"	Horizontally Mounted Backdraft Damper.....	161.14	21.80
23 33 13 23-0061	EA	28" x 10"	Horizontally Mounted Backdraft Damper.....	200.77	25.73
23 33 13 23-0062	EA	28" x 12"	Horizontally Mounted Backdraft Damper.....	179.10	29.79
23 33 13 23-0063	EA	28" x 14"	Horizontally Mounted Backdraft Damper.....	200.02	31.69
23 33 13 23-0064	EA	28" x 16"	Horizontally Mounted Backdraft Damper.....	226.89	35.74
23 33 13 23-0065	EA	28" x 18"	Horizontally Mounted Backdraft Damper.....	253.77	39.67
23 33 13 23-0066	EA	28" x 20"	Horizontally Mounted Backdraft Damper.....	268.71	39.67
23 33 13 23-0067	EA	28" x 24"	Horizontally Mounted Backdraft Damper.....	259.24	43.61
23 33 13 23-0068	EA	28" x 28"	Horizontally Mounted Backdraft Damper.....	292.54	47.66
23 33 13 23-0069	EA	28" x 32"	Horizontally Mounted Backdraft Damper.....	325.81	51.58
23 33 13 23-0070	EA	28" x 36"	Horizontally Mounted Backdraft Damper.....	332.54	59.57
23 33 13 23-0071	EA	28" x 40"	Horizontally Mounted Backdraft Damper.....	349.64	59.57
23 33 13 23-0072	EA	28" x 44"	Horizontally Mounted Backdraft Damper.....	378.65	63.50
23 33 13 23-0073	EA	28" x 48"	Horizontally Mounted Backdraft Damper.....	407.66	67.44
23 33 13 23-0074	EA	28" x 52"	Horizontally Mounted Backdraft Damper.....	424.76	67.44
23 33 13 23-0075	EA	28" x 56"	Horizontally Mounted Backdraft Damper.....	423.86	71.36
23 33 13 23-0076	EA	28" x 60"	Horizontally Mounted Backdraft Damper.....	438.80	71.36
23 33 13 23-0077	EA	32" x 6"	Horizontally Mounted Backdraft Damper.....	147.47	21.80
23 33 13 23-0078	EA	32" x 8"	Horizontally Mounted Backdraft Damper.....	190.20	25.73
23 33 13 23-0079	EA	32" x 10"	Horizontally Mounted Backdraft Damper.....	224.33	27.76
23 33 13 23-0080	EA	32" x 12"	Horizontally Mounted Backdraft Damper.....	197.88	31.69
23 33 13 23-0081	EA	32" x 14"	Horizontally Mounted Backdraft Damper.....	226.89	35.74
23 33 13 23-0082	EA	32" x 16"	Horizontally Mounted Backdraft Damper.....	255.89	39.67
23 33 13 23-0083	EA	32" x 18"	Horizontally Mounted Backdraft Damper.....	229.02	39.67
23 33 13 23-0084	EA	32" x 20"	Horizontally Mounted Backdraft Damper.....	253.15	43.61
23 33 13 23-0085	EA	32" x 24"	Horizontally Mounted Backdraft Damper.....	289.49	47.66
23 33 13 23-0086	EA	32" x 28"	Horizontally Mounted Backdraft Damper.....	325.81	51.58
23 33 13 23-0087	EA	32" x 32"	Horizontally Mounted Backdraft Damper.....	335.00	59.57
23 33 13 23-0088	EA	32" x 36"	Horizontally Mounted Backdraft Damper.....	354.53	59.57
23 33 13 23-0089	EA	32" x 40"	Horizontally Mounted Backdraft Damper.....	385.98	63.50
23 33 13 23-0090	EA	32" x 44"	Horizontally Mounted Backdraft Damper.....	417.42	67.44
23 33 13 23-0091	EA	32" x 48"	Horizontally Mounted Backdraft Damper.....	419.58	71.36
23 33 13 23-0092	EA	32" x 52"	Horizontally Mounted Backdraft Damper.....	436.68	71.36
23 33 13 23-0093	EA	32" x 56"	Horizontally Mounted Backdraft Damper.....	465.67	75.41
23 33 13 23-0094	EA	32" x 60"	Horizontally Mounted Backdraft Damper.....	482.77	75.41
23 33 13 23-0095	EA	32" x 64"	Horizontally Mounted Backdraft Damper.....	472.70	79.35
23 33 13 23-0096	EA	32" x 68"	Horizontally Mounted Backdraft Damper.....	487.35	79.35

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33	13 23-0097	EA	32" x 72" Horizontally Mounted Backdraft Damper	513.91	83.28
23 33	13 23-0098	EA	36" x 6" Horizontally Mounted Backdraft Damper	157.71	21.80
23 33	13 23-0099	EA	36" x 8" Horizontally Mounted Backdraft Damper	210.24	27.76
23 33	13 23-0100	EA	36" x 10" Horizontally Mounted Backdraft Damper	191.48	31.69
23 33	13 23-0101	EA	36" x 12" Horizontally Mounted Backdraft Damper	222.61	35.74
23 33	13 23-0102	EA	36" x 14" Horizontally Mounted Backdraft Damper	253.77	39.67
23 33	13 23-0103	EA	36" x 16" Horizontally Mounted Backdraft Damper	229.02	39.67
23 33	13 23-0104	EA	36" x 18" Horizontally Mounted Backdraft Damper	254.67	43.61
23 33	13 23-0105	EA	36" x 20" Horizontally Mounted Backdraft Damper	280.32	47.66
23 33	13 23-0106	EA	36" x 24" Horizontally Mounted Backdraft Damper	319.71	51.58
23 33	13 23-0107	EA	36" x 28" Horizontally Mounted Backdraft Damper	332.54	59.57
23 33	13 23-0108	EA	36" x 32" Horizontally Mounted Backdraft Damper	354.53	59.57
23 33	13 23-0109	EA	36" x 36" Horizontally Mounted Backdraft Damper	388.41	63.50
23 33	13 23-0110	EA	36" x 40" Horizontally Mounted Backdraft Damper	422.31	67.44
23 33	13 23-0111	EA	36" x 44" Horizontally Mounted Backdraft Damper	425.98	71.36
23 33	13 23-0112	EA	36" x 48" Horizontally Mounted Backdraft Damper	457.13	75.41
23 33	13 23-0113	EA	36" x 52" Horizontally Mounted Backdraft Damper	476.35	75.41
23 33	13 23-0114	EA	36" x 56" Horizontally Mounted Backdraft Damper	469.04	79.35
23 33	13 23-0115	EA	36" x 60" Horizontally Mounted Backdraft Damper	485.52	79.35
23 33	13 23-0116	EA	36" x 64" Horizontally Mounted Backdraft Damper	513.91	83.28
23 33	13 23-0117	EA	36" x 68" Horizontally Mounted Backdraft Damper	530.38	83.28
23 33	13 23-0118	EA	36" x 72" Horizontally Mounted Backdraft Damper	546.88	83.28
23 33	13 23-0119	EA	40" x 6" Horizontally Mounted Backdraft Damper	173.93	23.83
23 33	13 23-0120	EA	40" x 8" Horizontally Mounted Backdraft Damper	230.29	29.79
23 33	13 23-0121	EA	40" x 10" Horizontally Mounted Backdraft Damper	202.16	31.69
23 33	13 23-0122	EA	40" x 12" Horizontally Mounted Backdraft Damper	235.43	35.74
23 33	13 23-0123	EA	40" x 14" Horizontally Mounted Backdraft Damper	268.71	39.67
23 33	13 23-0124	EA	40" x 16" Horizontally Mounted Backdraft Damper	253.15	43.61
23 33	13 23-0125	EA	40" x 18" Horizontally Mounted Backdraft Damper	280.32	47.66
23 33	13 23-0126	EA	40" x 20" Horizontally Mounted Backdraft Damper	307.49	51.58
23 33	13 23-0127	EA	40" x 24" Horizontally Mounted Backdraft Damper	313.32	55.52
23 33	13 23-0128	EA	40" x 28" Horizontally Mounted Backdraft Damper	349.64	59.57
23 33	13 23-0129	EA	40" x 32" Horizontally Mounted Backdraft Damper	385.98	63.50
23 33	13 23-0130	EA	40" x 36" Horizontally Mounted Backdraft Damper	422.31	67.44
23 33	13 23-0131	EA	40" x 40" Horizontally Mounted Backdraft Damper	428.12	71.36
23 33	13 23-0132	EA	40" x 44" Horizontally Mounted Backdraft Damper	461.39	75.41
23 33	13 23-0133	EA	40" x 48" Horizontally Mounted Backdraft Damper	482.77	75.41
23 33	13 23-0134	EA	40" x 50" Horizontally Mounted Backdraft Damper	467.21	79.35
23 33	13 23-0135	EA	44" x 6" Horizontally Mounted Backdraft Damper	193.72	25.73
23 33	13 23-0136	EA	44" x 8" Horizontally Mounted Backdraft Damper	189.34	31.69
23 33	13 23-0137	EA	44" x 10" Horizontally Mounted Backdraft Damper	224.75	35.74
23 33	13 23-0138	EA	44" x 12" Horizontally Mounted Backdraft Damper	260.17	39.67
23 33	13 23-0139	EA	44" x 14" Horizontally Mounted Backdraft Damper	248.56	43.61
23 33	13 23-0140	EA	44" x 16" Horizontally Mounted Backdraft Damper	277.27	47.66
23 33	13 23-0141	EA	44" x 18" Horizontally Mounted Backdraft Damper	294.06	47.66
23 33	13 23-0142	EA	44" x 20" Horizontally Mounted Backdraft Damper	322.76	51.58
23 33	13 23-0143	EA	44" x 24" Horizontally Mounted Backdraft Damper	339.88	59.57
23 33	13 23-0144	EA	44" x 28" Horizontally Mounted Backdraft Damper	378.65	63.50
23 33	13 23-0145	EA	44" x 32" Horizontally Mounted Backdraft Damper	417.42	67.44
23 33	13 23-0146	EA	44" x 36" Horizontally Mounted Backdraft Damper	425.98	71.36
23 33	13 23-0147	EA	44" x 40" Horizontally Mounted Backdraft Damper	461.39	75.41
23 33	13 23-0148	EA	44" x 44" Horizontally Mounted Backdraft Damper	484.89	75.41
23 33	13 23-0149	EA	44" x 48" Horizontally Mounted Backdraft Damper	480.03	79.35
23 33	13 23-0150	EA	44" x 50" Horizontally Mounted Backdraft Damper	490.09	79.35
23 33	13 23-0151	EA	48" x 6" Horizontally Mounted Backdraft Damper	210.24	27.76
23 33	13 23-0152	EA	48" x 8" Horizontally Mounted Backdraft Damper	197.88	31.69
23 33	13 23-0153	EA	48" x 10" Horizontally Mounted Backdraft Damper	235.43	35.74
23 33	13 23-0154	EA	48" x 12" Horizontally Mounted Backdraft Damper	229.02	39.67
23 33	13 23-0155	EA	48" x 14" Horizontally Mounted Backdraft Damper	259.24	43.61
23 33	13 23-0156	EA	48" x 16" Horizontally Mounted Backdraft Damper	289.49	47.66
23 33	13 23-0157	EA	48" x 18" Horizontally Mounted Backdraft Damper	319.71	51.58
23 33	13 23-0158	EA	48" x 20" Horizontally Mounted Backdraft Damper	313.32	55.52
23 33	13 23-0159	EA	48" x 24" Horizontally Mounted Backdraft Damper	354.53	59.57
23 33	13 23-0160	EA	48" x 28" Horizontally Mounted Backdraft Damper	407.66	67.44
23 33	13 23-0161	EA	48" x 32" Horizontally Mounted Backdraft Damper	419.58	71.36
23 33	13 23-0162	EA	48" x 36" Horizontally Mounted Backdraft Damper	457.13	75.41
23 33	13 23-0163	EA	48" x 40" Horizontally Mounted Backdraft Damper	482.77	75.41
23 33	13 23-0164	EA	48" x 44" Horizontally Mounted Backdraft Damper	480.03	79.35
23 33	13 23-0165	EA	48" x 48" Horizontally Mounted Backdraft Damper	513.91	83.28
23 33	13 23-0166	EA	48" x 50" Horizontally Mounted Backdraft Damper	524.90	83.28
23 33	13 23-0167	EA	50" x 6" Horizontally Mounted Backdraft Damper	215.53	27.76
23 33	13 23-0168	EA	50" x 8" Horizontally Mounted Backdraft Damper	214.07	35.74
23 33	13 23-0169	EA	50" x 10" Horizontally Mounted Backdraft Damper	252.70	39.67
23 33	13 23-0170	EA	50" x 12" Horizontally Mounted Backdraft Damper	245.50	43.61
23 33	13 23-0171	EA	50" x 14" Horizontally Mounted Backdraft Damper	276.51	47.66
23 33	13 23-0172	EA	50" x 16" Horizontally Mounted Backdraft Damper	307.49	51.58
23 33	13 23-0173	EA	50" x 18" Horizontally Mounted Backdraft Damper	338.49	55.52
23 33	13 23-0174	EA	50" x 20" Horizontally Mounted Backdraft Damper	331.32	59.57
23 33	13 23-0175	EA	50" x 24" Horizontally Mounted Backdraft Damper	373.76	63.50
23 33	13 23-0176	EA	50" x 28" Horizontally Mounted Backdraft Damper	416.20	67.44
23 33	13 23-0177	EA	50" x 32" Horizontally Mounted Backdraft Damper	428.12	71.36
23 33	13 23-0178	EA	50" x 36" Horizontally Mounted Backdraft Damper	466.74	75.41
23 33	13 23-0179	EA	50" x 40" Horizontally Mounted Backdraft Damper	467.21	79.35
23 33	13 23-0180	EA	50" x 44" Horizontally Mounted Backdraft Damper	490.09	79.35
23 33	13 23-0181	EA	50" x 48" Horizontally Mounted Backdraft Damper	524.90	83.28

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 33 13 23-0182	EA		50" x 50" Horizontally Mounted Backdraft Damper.....	536.34	83.28
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23 33 13 23-0183
Vertically Mounted Backdraft Damper (23 33 13 23)

Note: Galvanized steel frame, aluminum blades. Excludes motor pack.

23 33 13 23-0184	EA		6" x 6" Vertically Mounted Backdraft Damper	94.57	13.23
23 33 13 23-0185	EA		8" x 6" Vertically Mounted Backdraft Damper	114.67	13.82
23 33 13 23-0186	EA		10" x 6" Vertically Mounted Backdraft Damper	117.96	13.94
23 33 13 23-0187	EA		8" x 8" Vertically Mounted Backdraft Damper	123.04	13.94
23 33 13 23-0188	EA		12" x 6" Vertically Mounted Backdraft Damper	134.41	14.30
23 33 13 23-0189	EA		10" x 8" Vertically Mounted Backdraft Damper	149.34	15.85
23 33 13 23-0190	EA		14" x 6" Vertically Mounted Backdraft Damper	149.66	14.30
23 33 13 23-0191	EA		12" x 8" Vertically Mounted Backdraft Damper	169.67	15.85
23 33 13 23-0192	EA		16" x 6" Vertically Mounted Backdraft Damper	172.05	16.68
23 33 13 23-0193	EA		10" x 10" Vertically Mounted Backdraft Damper	180.72	17.87
23 33 13 23-0194	EA		18" x 6" Vertically Mounted Backdraft Damper	145.61	15.13
23 33 13 23-0195	EA		14" x 8" Vertically Mounted Backdraft Damper	154.10	16.68
23 33 13 23-0196	EA		12" x 10" Vertically Mounted Backdraft Damper	165.11	17.87
23 33 13 23-0197	EA		20" x 6" Vertically Mounted Backdraft Damper	171.06	19.89
23 33 13 23-0198	EA		16" x 8" Vertically Mounted Backdraft Damper	184.44	21.80
23 33 13 23-0199	EA		14" x 10" Vertically Mounted Backdraft Damper	177.72	15.85
23 33 13 23-0200	EA		12" x 12" Vertically Mounted Backdraft Damper	187.41	17.87
23 33 13 23-0201	EA		18" x 8" Vertically Mounted Backdraft Damper	166.06	19.89
23 33 13 23-0202	EA		24" x 6" Vertically Mounted Backdraft Damper	166.06	19.89
23 33 13 23-0203	EA		16" x 10" Vertically Mounted Backdraft Damper	183.84	21.80
23 33 13 23-0204	EA		20" x 8" Vertically Mounted Backdraft Damper	189.80	23.83
23 33 13 23-0205	EA		14" x 12" Vertically Mounted Backdraft Damper	174.26	16.68
23 33 13 23-0206	EA		28" x 6" Vertically Mounted Backdraft Damper	177.84	17.87
23 33 13 23-0207	EA		18" x 10" Vertically Mounted Backdraft Damper	192.67	19.89
23 33 13 23-0208	EA		16" x 12" Vertically Mounted Backdraft Damper	207.50	21.80
23 33 13 23-0209	EA		24" x 8" Vertically Mounted Backdraft Damper	213.46	23.83
23 33 13 23-0210	EA		32" x 6" Vertically Mounted Backdraft Damper	219.41	25.73
23 33 13 23-0211	EA		14" x 14" Vertically Mounted Backdraft Damper	234.29	29.79
23 33 13 23-0212	EA		20" x 10" Vertically Mounted Backdraft Damper	232.93	31.69
23 33 13 23-0213	EA		18" x 12" Vertically Mounted Backdraft Damper	255.86	35.74
23 33 13 23-0214	EA		36" x 6" Vertically Mounted Backdraft Damper	202.26	17.87
23 33 13 23-0215	EA		16" x 14" Vertically Mounted Backdraft Damper	213.71	19.89
23 33 13 23-0216	EA		28" x 8" Vertically Mounted Backdraft Damper	219.67	21.80
23 33 13 23-0217	EA		20" x 12" Vertically Mounted Backdraft Damper	236.63	23.83
23 33 13 23-0218	EA		24" x 10" Vertically Mounted Backdraft Damper	242.58	25.73
23 33 13 23-0219	EA		40" x 6" Vertically Mounted Backdraft Damper	248.53	27.76
23 33 13 23-0220	EA		18" x 14" Vertically Mounted Backdraft Damper	268.72	31.69
23 33 13 23-0221	EA		16" x 16" Vertically Mounted Backdraft Damper	271.46	31.69
23 33 13 23-0222	EA		32" x 8" Vertically Mounted Backdraft Damper	283.37	35.74
23 33 13 23-0223	EA		44" x 6" Vertically Mounted Backdraft Damper	300.80	39.67
23 33 13 23-0224	EA		20" x 14" Vertically Mounted Backdraft Damper	323.73	43.61
23 33 13 23-0225	EA		28" x 10" Vertically Mounted Backdraft Damper	335.65	47.66
23 33 13 23-0226	EA		18" x 16" Vertically Mounted Backdraft Damper	257.75	19.89
23 33 13 23-0227	EA		24" x 12" Vertically Mounted Backdraft Damper	263.71	21.80
23 33 13 23-0228	EA		36" x 8" Vertically Mounted Backdraft Damper	269.67	23.83
23 33 13 23-0229	EA		48" x 6" Vertically Mounted Backdraft Damper	275.62	25.73
23 33 13 23-0230	EA		50" x 6" Vertically Mounted Backdraft Damper	295.78	29.79
23 33 13 23-0231	EA		20" x 16" Vertically Mounted Backdraft Damper	315.50	31.69
23 33 13 23-0232	EA		32" x 10" Vertically Mounted Backdraft Damper	327.41	35.74
23 33 13 23-0233	EA		40" x 8" Vertically Mounted Backdraft Damper	327.41	35.74
23 33 13 23-0234	EA		18" x 18" Vertically Mounted Backdraft Damper	295.29	39.67
23 33 13 23-0235	EA		24" x 14" Vertically Mounted Backdraft Damper	282.74	43.61
23 33 13 23-0236	EA		28" x 12" Vertically Mounted Backdraft Damper	294.66	47.66
23 33 13 23-0237	EA		44" x 8" Vertically Mounted Backdraft Damper	313.80	51.58
23 33 13 23-0238	EA		18" x 20" Vertically Mounted Backdraft Damper	329.33	55.52
23 33 13 23-0239	EA		20" x 18" Vertically Mounted Backdraft Damper	341.24	59.57
23 33 13 23-0240	EA		36" x 10" Vertically Mounted Backdraft Damper	341.24	59.57
23 33 13 23-0241	EA		24" x 16" Vertically Mounted Backdraft Damper	232.94	19.89
23 33 13 23-0242	EA		32" x 12" Vertically Mounted Backdraft Damper	238.90	21.80
23 33 13 23-0243	EA		48" x 8" Vertically Mounted Backdraft Damper	250.81	25.73
23 33 13 23-0244	EA		28" x 14" Vertically Mounted Backdraft Damper	266.33	29.79
23 33 13 23-0245	EA		20" x 20" Vertically Mounted Backdraft Damper	275.90	31.69
23 33 13 23-0246	EA		40" x 10" Vertically Mounted Backdraft Damper	287.81	35.74
23 33 13 23-0247	EA		50" x 8" Vertically Mounted Backdraft Damper	299.73	39.67
23 33 13 23-0248	EA		18" x 24" Vertically Mounted Backdraft Damper	314.18	39.67
23 33 13 23-0249	EA		24" x 18" Vertically Mounted Backdraft Damper	326.09	43.61
23 33 13 23-0250	EA		36" x 12" Vertically Mounted Backdraft Damper	338.01	47.66
23 33 13 23-0251	EA		44" x 10" Vertically Mounted Backdraft Damper	353.53	51.58
23 33 13 23-0252	EA		28" x 16" Vertically Mounted Backdraft Damper	380.97	59.57
23 33 13 23-0253	EA		32" x 14" Vertically Mounted Backdraft Damper	380.97	59.57
23 33 13 23-0254	EA		20" x 24" Vertically Mounted Backdraft Damper	409.15	63.50
23 33 13 23-0255	EA		24" x 20" Vertically Mounted Backdraft Damper	387.79	67.44
23 33 13 23-0256	EA		40" x 12" Vertically Mounted Backdraft Damper	387.79	67.44
23 33 13 23-0257	EA		48" x 10" Vertically Mounted Backdraft Damper	399.71	71.36
23 33 13 23-0258	EA		50" x 10" Vertically Mounted Backdraft Damper	407.43	71.36
23 33 13 23-0259	EA		28" x 18" Vertically Mounted Backdraft Damper	260.03	21.80
23 33 13 23-0260	EA		36" x 14" Vertically Mounted Backdraft Damper	271.94	25.73
23 33 13 23-0261	EA		32" x 16" Vertically Mounted Backdraft Damper	280.99	27.76
23 33 13 23-0262	EA		44" x 12" Vertically Mounted Backdraft Damper	299.07	31.69
23 33 13 23-0263	EA		20" x 28" Vertically Mounted Backdraft Damper	323.33	35.74

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0264	EA	28" x 20"	Vertically Mounted Backdraft Damper	335.25	39.67
23 33 13 23-0265	EA	40" x 14"	Vertically Mounted Backdraft Damper	335.25	39.67
23 33 13 23-0266	EA	24" x 24"	Vertically Mounted Backdraft Damper	353.34	43.61
23 33 13 23-0267	EA	32" x 18"	Vertically Mounted Backdraft Damper	365.26	47.66
23 33 13 23-0268	EA	36" x 16"	Vertically Mounted Backdraft Damper	377.17	51.58
23 33 13 23-0269	EA	48" x 12"	Vertically Mounted Backdraft Damper	401.00	59.57
23 33 13 23-0270	EA	50" x 12"	Vertically Mounted Backdraft Damper	410.27	59.57
23 33 13 23-0271	EA	44" x 14"	Vertically Mounted Backdraft Damper	428.37	63.50
23 33 13 23-0272	EA	20" x 32"	Vertically Mounted Backdraft Damper	449.53	67.44
23 33 13 23-0273	EA	32" x 20"	Vertically Mounted Backdraft Damper	461.45	71.36
23 33 13 23-0274	EA	40" x 16"	Vertically Mounted Backdraft Damper	461.45	71.36
23 33 13 23-0275	EA	36" x 18"	Vertically Mounted Backdraft Damper	476.44	75.41
23 33 13 23-0276	EA	24" x 28"	Vertically Mounted Backdraft Damper	487.25	75.41
23 33 13 23-0277	EA	28" x 24"	Vertically Mounted Backdraft Damper	476.80	79.35
23 33 13 23-0278	EA	48" x 14"	Vertically Mounted Backdraft Damper	476.80	79.35
23 33 13 23-0279	EA	50" x 14"	Vertically Mounted Backdraft Damper	498.65	83.28
23 33 13 23-0280	EA	44" x 16"	Vertically Mounted Backdraft Damper	315.40	21.80
23 33 13 23-0281	EA	20" x 36"	Vertically Mounted Backdraft Damper	338.95	27.76
23 33 13 23-0282	EA	36" x 20"	Vertically Mounted Backdraft Damper	350.87	31.69
23 33 13 23-0283	EA	40" x 18"	Vertically Mounted Backdraft Damper	362.78	35.74
23 33 13 23-0284	EA	24" x 32"	Vertically Mounted Backdraft Damper	391.73	39.67
23 33 13 23-0285	EA	32" x 24"	Vertically Mounted Backdraft Damper	391.73	39.67
23 33 13 23-0286	EA	48" x 16"	Vertically Mounted Backdraft Damper	403.64	43.61
23 33 13 23-0287	EA	28" x 28"	Vertically Mounted Backdraft Damper	421.25	47.66
23 33 13 23-0288	EA	44" x 18"	Vertically Mounted Backdraft Damper	435.99	51.58
23 33 13 23-0289	EA	40" x 20"	Vertically Mounted Backdraft Damper	462.65	59.57
23 33 13 23-0290	EA	50" x 16"	Vertically Mounted Backdraft Damper	462.65	59.57
23 33 13 23-0291	EA	24" x 36"	Vertically Mounted Backdraft Damper	497.29	63.50
23 33 13 23-0292	EA	36" x 24"	Vertically Mounted Backdraft Damper	509.20	67.44
23 33 13 23-0293	EA	48" x 18"	Vertically Mounted Backdraft Damper	521.12	71.36
23 33 13 23-0294	EA	44" x 20"	Vertically Mounted Backdraft Damper	538.72	75.41
23 33 13 23-0295	EA	28" x 32"	Vertically Mounted Backdraft Damper	544.40	75.41
23 33 13 23-0296	EA	32" x 28"	Vertically Mounted Backdraft Damper	556.31	79.35
23 33 13 23-0297	EA	50" x 18"	Vertically Mounted Backdraft Damper	557.72	79.35
23 33 13 23-0298	EA	24" x 40"	Vertically Mounted Backdraft Damper	590.92	83.28
23 33 13 23-0299	EA	40" x 24"	Vertically Mounted Backdraft Damper	590.92	83.28
23 33 13 23-0300	EA	48" x 20"	Vertically Mounted Backdraft Damper	590.92	83.28
23 33 13 23-0301	EA	50" x 20"	Vertically Mounted Backdraft Damper	426.43	23.83
23 33 13 23-0302	EA	28" x 36"	Vertically Mounted Backdraft Damper	447.12	29.79
23 33 13 23-0303	EA	36" x 28"	Vertically Mounted Backdraft Damper	453.08	31.69
23 33 13 23-0304	EA	32" x 32"	Vertically Mounted Backdraft Damper	470.67	35.74
23 33 13 23-0305	EA	24" x 44"	Vertically Mounted Backdraft Damper	453.43	39.67
23 33 13 23-0306	EA	44" x 24"	Vertically Mounted Backdraft Damper	465.34	43.61
23 33 13 23-0307	EA	28" x 40"	Vertically Mounted Backdraft Damper	497.51	47.66
23 33 13 23-0308	EA	40" x 28"	Vertically Mounted Backdraft Damper	509.42	51.58
23 33 13 23-0309	EA	24" x 48"	Vertically Mounted Backdraft Damper	531.48	55.52
23 33 13 23-0310	EA	32" x 36"	Vertically Mounted Backdraft Damper	543.39	59.57
23 33 13 23-0311	EA	36" x 32"	Vertically Mounted Backdraft Damper	555.31	63.50
23 33 13 23-0312	EA	48" x 24"	Vertically Mounted Backdraft Damper	567.22	67.44
23 33 13 23-0313	EA	50" x 24"	Vertically Mounted Backdraft Damper	594.33	71.36
23 33 13 23-0314	EA	28" x 44"	Vertically Mounted Backdraft Damper	616.36	75.41
23 33 13 23-0315	EA	44" x 28"	Vertically Mounted Backdraft Damper	616.36	75.41
23 33 13 23-0316	EA	32" x 40"	Vertically Mounted Backdraft Damper	643.48	79.35
23 33 13 23-0317	EA	40" x 32"	Vertically Mounted Backdraft Damper	482.64	25.73
23 33 13 23-0318	EA	36" x 36"	Vertically Mounted Backdraft Damper	505.57	31.69
23 33 13 23-0319	EA	28" x 48"	Vertically Mounted Backdraft Damper	532.66	35.74
23 33 13 23-0320	EA	48" x 28"	Vertically Mounted Backdraft Damper	544.58	39.67
23 33 13 23-0321	EA	50" x 28"	Vertically Mounted Backdraft Damper	574.22	43.61
23 33 13 23-0322	EA	32" x 44"	Vertically Mounted Backdraft Damper	588.68	47.66
23 33 13 23-0323	EA	44" x 32"	Vertically Mounted Backdraft Damper	588.68	47.66
23 33 13 23-0324	EA	36" x 40"	Vertically Mounted Backdraft Damper	611.98	51.58
23 33 13 23-0325	EA	40" x 36"	Vertically Mounted Backdraft Damper	588.97	59.57
23 33 13 23-0326	EA	28" x 52"	Vertically Mounted Backdraft Damper	605.44	63.50
23 33 13 23-0327	EA	32" x 48"	Vertically Mounted Backdraft Damper	640.13	67.44
23 33 13 23-0328	EA	48" x 32"	Vertically Mounted Backdraft Damper	652.05	71.36
23 33 13 23-0329	EA	28" x 56"	Vertically Mounted Backdraft Damper	673.08	75.41
23 33 13 23-0330	EA	36" x 44"	Vertically Mounted Backdraft Damper	677.66	75.41
23 33 13 23-0331	EA	44" x 36"	Vertically Mounted Backdraft Damper	689.57	79.35
23 33 13 23-0332	EA	40" x 40"	Vertically Mounted Backdraft Damper	694.11	79.35
23 33 13 23-0333	EA	50" x 32"	Vertically Mounted Backdraft Damper	539.22	27.76
23 33 13 23-0334	EA	32" x 52"	Vertically Mounted Backdraft Damper	569.38	31.69
23 33 13 23-0335	EA	28" x 60"	Vertically Mounted Backdraft Damper	585.84	35.74
23 33 13 23-0336	EA	36" x 48"	Vertically Mounted Backdraft Damper	611.45	39.67
23 33 13 23-0337	EA	48" x 36"	Vertically Mounted Backdraft Damper	623.36	43.61
23 33 13 23-0338	EA	40" x 44"	Vertically Mounted Backdraft Damper	644.40	47.66
23 33 13 23-0339	EA	44" x 40"	Vertically Mounted Backdraft Damper	656.31	51.58
23 33 13 23-0340	EA	32" x 56"	Vertically Mounted Backdraft Damper	677.33	55.52
23 33 13 23-0341	EA	50" x 36"	Vertically Mounted Backdraft Damper	634.54	59.57
23 33 13 23-0342	EA	36" x 52"	Vertically Mounted Backdraft Damper	676.61	67.44
23 33 13 23-0343	EA	32" x 60"	Vertically Mounted Backdraft Damper	700.69	71.36
23 33 13 23-0344	EA	40" x 48"	Vertically Mounted Backdraft Damper	712.60	75.41
23 33 13 23-0345	EA	48" x 40"	Vertically Mounted Backdraft Damper	712.60	75.41
23 33 13 23-0346	EA	44" x 44"	Vertically Mounted Backdraft Damper	728.56	79.35
23 33 13 23-0347	EA	40" x 50"	Vertically Mounted Backdraft Damper	756.68	83.28
23 33 13 23-0348	EA	50" x 40"	Vertically Mounted Backdraft Damper	756.68	83.28

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 33 13 23-0349	EA		36" x 56" Vertically Mounted Backdraft Damper	593.92	27.76
23 33 13 23-0350	EA		32" x 64" Vertically Mounted Backdraft Damper	625.87	35.74
23 33 13 23-0351	EA		44" x 48" Vertically Mounted Backdraft Damper	654.00	39.67
23 33 13 23-0352	EA		48" x 44" Vertically Mounted Backdraft Damper	665.91	43.61
23 33 13 23-0353	EA		36" x 60" Vertically Mounted Backdraft Damper	689.98	47.66
23 33 13 23-0354	EA		32" x 68" Vertically Mounted Backdraft Damper	705.95	51.58
23 33 13 23-0355	EA		44" x 50" Vertically Mounted Backdraft Damper	654.30	55.52
23 33 13 23-0356	EA		50" x 44" Vertically Mounted Backdraft Damper	666.21	59.57
23 33 13 23-0357	EA		32" x 72" Vertically Mounted Backdraft Damper	701.16	63.50
23 33 13 23-0358	EA		36" x 64" Vertically Mounted Backdraft Damper	713.07	67.44
23 33 13 23-0359	EA		48" x 48" Vertically Mounted Backdraft Damper	724.99	71.36
23 33 13 23-0360	EA		48" x 50" Vertically Mounted Backdraft Damper	758.17	75.41
23 33 13 23-0361	EA		50" x 48" Vertically Mounted Backdraft Damper	770.08	79.35
23 33 13 23-0362	EA		36" x 68" Vertically Mounted Backdraft Damper	780.72	79.35
23 33 13 23-0363	EA		50" x 50" Vertically Mounted Backdraft Damper	804.16	83.28
23 33 13 23-0364	EA		36" x 72" Vertically Mounted Backdraft Damper	824.54	83.28

23 33 13 23-0365 Backdraft Damper Accessories (23 33 13 23)

23 33 13 23-0366	EA		For Motor Pack For Horizontally Mounted Backdraft Damper	220.00	28.62
23 33 13 23-0367	EA		For Motor Pack For Vertically Mounted Backdraft Damper	369.40	28.62

23 33 13 33 Splitter Damper Hardware (23 33 13)

23 33 13 33-0001	EA		Splitter Damper, Hardware	41.92	8.33
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23 33 13 43 Blower Check Valve (23 33 13)

23 33 13 43-0001 Blower Check Valves With Silicone Seals (23 33 13 43)

23 33 13 43-0002	EA		2-1/2" Blower Check Valves, Silicone Seals	232.45	30.73
23 33 13 43-0003	EA		3" Blower Check Valves, Silicone Seals	259.75	35.02
23 33 13 43-0004	EA		4" Blower Check Valves, Silicone Seals	334.07	46.47
23 33 13 43-0005	EA		5" Blower Check Valves, Silicone Seals	458.50	53.62
23 33 13 43-0006	EA		6" Blower Check Valves, Silicone Seals	514.97	64.34
23 33 13 43-0007	EA		8" Blower Check Valves, Silicone Seals	763.39	81.49

23 33 13 43-0008 Blower Check Valves With Viton Seats (23 33 13 43)

23 33 13 43-0009	EA		2-1/2" Blower Check Valves, Viton Seats	318.02	30.73
23 33 13 43-0010	EA		3" Blower Check Valves, Viton Seats	361.45	35.02
23 33 13 43-0011	EA		4" Blower Check Valves, Viton Seats	404.88	46.47
23 33 13 43-0012	EA		5" Blower Check Valves, Viton Seats	564.51	53.62
23 33 13 43-0013	EA		6" Blower Check Valves, Viton Seats	631.99	64.34
23 33 13 43-0014	EA		8" Blower Check Valves, Viton Seats	970.40	81.49

23 33 19 Duct Silencers (23 33)

23 33 19 00-0001 36" Long Packaged Duct Sound Trap (23 33 19)

23 33 19 00-0002	EA		12" x 12" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	372.19	48.75
23 33 19 00-0003	EA		12" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	448.10	55.89
23 33 19 00-0004	EA		12" x 24" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	584.03	64.21
23 33 19 00-0005	EA		12" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	712.26	72.54
23 33 19 00-0006	EA		24" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	657.38	72.54
23 33 19 00-0007	EA		24" x 24" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	845.02	76.10
23 33 19 00-0008	EA		24" x 30" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	934.60	80.86
23 33 19 00-0009	EA		24" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,026.56	85.62
23 33 19 00-0010	EA		24" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,351.43	97.51
23 33 19 00-0011	EA		36" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	837.73	80.86
23 33 19 00-0012	EA		36" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,135.08	97.51
23 33 19 00-0013	EA		36" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	2,023.58	130.80
23 33 19 00-0014	EA		36" x 60" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	2,240.85	137.94
23 33 19 00-0015	EA		48" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	2,502.94	148.64
23 33 19 00-0016	EA		48" x 60" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	2,812.09	161.72

23 33 19 00-0017 60" Long Packaged Duct Sound Trap (23 33 19)

23 33 19 00-0018	EA		12" x 12" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	415.86	107.02
23 33 19 00-0019	EA		12" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	502.07	123.67
23 33 19 00-0020	EA		12" x 24" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	656.00	142.69
23 33 19 00-0021	EA		12" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	800.16	160.53
23 33 19 00-0022	EA		24" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	737.78	160.53
23 33 19 00-0023	EA		24" x 24" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	952.54	170.04
23 33 19 00-0024	EA		24" x 30" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,050.26	178.36
23 33 19 00-0025	EA		24" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,149.76	187.88
23 33 19 00-0026	EA		24" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,521.57	214.04
23 33 19 00-0027	EA		36" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	940.18	178.36
23 33 19 00-0028	EA		36" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,275.72	214.04
23 33 19 00-0029	EA		36" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	2,269.54	281.81
23 33 19 00-0030	EA		36" x 60" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	2,534.32	305.60
23 33 19 00-0031	EA		48" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	2,817.23	324.62
23 33 19 00-0032	EA		48" x 60" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	3,171.97	356.74

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 33 19 00-0033	84" Long Packaged Duct Sound Trap <small>(23 33 19)</small>		
23 33 19 00-0034	EA 6" x 12" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	358.16	89.18
23 33 19 00-0035	EA 6" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	616.13	133.18
23 33 19 00-0036	EA 6" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	858.85	195.01
23 33 19 00-0037	EA 12" x 12" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	485.58	107.02
23 33 19 00-0038	EA 12" x 18" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	604.81	123.67
23 33 19 00-0039	EA 12" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	824.80	142.69
23 33 19 00-0040	EA 12" x 30" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	977.27	153.40
23 33 19 00-0041	EA 12" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,066.84	165.28
23 33 19 00-0042	EA 12" x 42" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,347.48	178.36
23 33 19 00-0043	EA 12" x 48" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,596.40	195.01
23 33 19 00-0044	EA 24" x 18" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	912.73	165.28
23 33 19 00-0045	EA 24" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,310.28	172.42
23 33 19 00-0046	EA 24" x 30" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,431.88	178.36
23 33 19 00-0047	EA 24" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,560.73	187.88
23 33 19 00-0048	EA 24" x 42" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,963.34	202.15
23 33 19 00-0049	EA 24" x 48" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	2,130.69	214.04

23 33 23 Turning Vanes (23 33)

23 33 23 00-0001	Duct Turning Vane Components <small>(23 33 23)</small>		
23 33 23 00-0002	LF Duct Turning Vane Rail.....	12.56	2.97
	<i>For Stainless Steel, Add</i>	8.31	
23 33 23 00-0003	LF Double Thick Factory Fabricated, Duct Turning Vane.....	12.08	1.19
	<i>For Stainless Steel, Add</i>	12.49	

23 33 23 00-0004 Duct Turning Vane Sets (23 33 23)

Note: Measured from inside corner to outside corner of ductwork.

23 33 23 00-0005	LF 12" High Duct Turning Vanes, Sets.....	49.75	4.46
	<i>For Stainless Steel, Add</i>	57.42	
23 33 23 00-0006	LF 14" High Duct Turning Vanes, Sets.....	61.81	4.75
	<i>For Stainless Steel, Add</i>	72.63	
23 33 23 00-0007	LF 16" High Duct Turning Vanes, Sets.....	84.51	4.99
	<i>For Stainless Steel, Add</i>	101.69	
23 33 23 00-0008	LF 18" High Duct Turning Vanes, Sets.....	107.26	5.35
	<i>For Stainless Steel, Add</i>	130.74	
23 33 23 00-0009	LF 20" High Duct Turning Vanes, Sets.....	118.86	5.71
	<i>For Stainless Steel, Add</i>	145.25	
23 33 23 00-0010	LF 22" High Duct Turning Vanes, Sets.....	151.96	5.35
	<i>For Stainless Steel, Add</i>	188.86	
23 33 23 00-0011	LF 24" High Duct Turning Vanes, Sets.....	186.73	6.30
	<i>For Stainless Steel, Add</i>	232.44	
23 33 23 00-0012	LF 26" High Duct Turning Vanes, Sets.....	200.49	6.59
	<i>For Stainless Steel, Add</i>	249.94	
23 33 23 00-0013	LF 30" High Duct Turning Vanes, Sets.....	223.89	6.85
	<i>For Stainless Steel, Add</i>	279.93	

23 33 33 Duct-Mounting Access Doors (23 33)

23 33 33 00-0001	Duct Access Doors, Insulated Factory Fabrication <small>(23 33 33)</small>		
23 33 33 00-0002	EA 6" x 6" Duct Access Doors Insulated Factory Fabrication.....	102.28	16.65
	<i>For Stainless Steel, Add</i>	70.78	
23 33 33 00-0003	EA 10" x 10" Duct Access Doors Insulated Factory Fabrication.....	109.72	16.65
	<i>For Stainless Steel, Add</i>	85.66	
23 33 33 00-0004	EA 12" x 12" Duct Access Doors Insulated Factory Fabrication.....	113.35	16.65
	<i>For Stainless Steel, Add</i>	92.92	
23 33 33 00-0005	EA 12" x 18" Duct Access Doors Insulated Factory Fabrication.....	147.83	20.21
	<i>For Stainless Steel, Add</i>	131.02	
23 33 33 00-0006	EA 16" x 12" Duct Access Doors Insulated Factory Fabrication.....	149.31	20.21
	<i>For Stainless Steel, Add</i>	133.98	
23 33 33 00-0007	EA 18" x 18" Duct Access Doors Insulated Factory Fabrication.....	184.11	27.35
	<i>For Stainless Steel, Add</i>	154.18	
23 33 33 00-0008	EA 24" x 18" Duct Access Doors Insulated Factory Fabrication.....	216.79	33.29
	<i>For Stainless Steel, Add</i>	166.04	
23 33 33 00-0009	EA 24" x 24" Duct Access Doors Insulated Factory Fabrication.....	280.29	45.18
	<i>For Stainless Steel, Add</i>	203.86	

23 33 43 Flexible Connectors (23 33)

23 33 43 00-0001	LF 6-1/2" Width, Galvanized Steel, Flexible Duct Connector.....	15.10	3.56
23 33 43 00-0002	LF 5-3/4" Width, Vinyl/Steel, Flexible Duct Connector.....	15.52	3.21

23 33 46 Flexible Ducts (23 33)

23 33 46 00-0001	Flexible Duct, R8.0 Insulated With Metallized Outer Jacket <small>(23 33 46)</small>		
	Note: Polyester inner liner encapsulating a corrosion resistant steel wire helix, supporting a blanket of fiberglass insulation over a fiberglass scrim and a bi-directional reinforced metallized outer vapor barrier jacket.		
23 33 46 00-0002	LF 4" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket.....	8.84	1.19
	<i>For R6.0 Insulated Flexible Duct, Deduct</i>	-0.98	
	<i>For R4.2 Insulated Flexible Duct, Deduct</i>	-1.14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 46 00-0003	LF		5" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket..... <i>For R6.0 Insulated Flexible Duct, Deduct</i> <i>For R4.2 Insulated Flexible Duct, Deduct</i>	9.74 -1.03 -1.20	2.38
23 33 46 00-0004	LF		6" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket..... <i>For R6.0 Insulated Flexible Duct, Deduct</i> <i>For R4.2 Insulated Flexible Duct, Deduct</i>	10.89 -1.06 -1.23	2.38
23 33 46 00-0005	LF		7" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket..... <i>For R6.0 Insulated Flexible Duct, Deduct</i> <i>For R4.2 Insulated Flexible Duct, Deduct</i>	12.61 -1.18 -1.38	2.38
23 33 46 00-0006	LF		8" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket..... <i>For R6.0 Insulated Flexible Duct, Deduct</i> <i>For R4.2 Insulated Flexible Duct, Deduct</i>	14.67 -1.19 -1.39	3.56
23 33 46 00-0007	LF		10" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket..... <i>For R6.0 Insulated Flexible Duct, Deduct</i> <i>For R4.2 Insulated Flexible Duct, Deduct</i>	19.01 -1.60 -1.87	3.56
23 33 46 00-0008	LF		12" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket..... <i>For R6.0 Insulated Flexible Duct, Deduct</i> <i>For R4.2 Insulated Flexible Duct, Deduct</i>	25.37 -1.91 -2.22	4.75
23 33 46 00-0009	LF		14" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket..... <i>For R6.0 Insulated Flexible Duct, Deduct</i> <i>For R4.2 Insulated Flexible Duct, Deduct</i>	31.54 -2.33 -2.71	4.75
23 33 46 00-0010	LF		16" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket..... <i>For R6.0 Insulated Flexible Duct, Deduct</i> <i>For R4.2 Insulated Flexible Duct, Deduct</i>	41.02 -2.78 -3.24	5.94
23 33 46 00-0011	LF		18" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket..... <i>For R6.0 Insulated Flexible Duct, Deduct</i> <i>For R4.2 Insulated Flexible Duct, Deduct</i>	50.12 -3.62 -4.22	7.73
23 33 46 00-0012	LF		20" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket..... <i>For R6.0 Insulated Flexible Duct, Deduct</i> <i>For R4.2 Insulated Flexible Duct, Deduct</i>	59.81 -5.46 -6.37	8.33
23 33 46 00-0013			Collars, Sheet Metal Spin-In Type With Damper <small>(23 33 46)</small>		
23 33 46 00-0014	EA		Up To 4" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper <i>For Stainless Steel, Add</i>	51.06 31.59	7.13
23 33 46 00-0015	EA		5" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper <i>For Stainless Steel, Add</i>	55.19 32.01	8.33
23 33 46 00-0016	EA		6" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper <i>For Stainless Steel, Add</i>	62.82 35.30	8.33
23 33 46 00-0017	EA		7" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper <i>For Stainless Steel, Add</i>	70.83 36.43	10.70
23 33 46 00-0018	EA		8" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper <i>For Stainless Steel, Add</i>	85.16 41.15	13.08
23 33 46 00-0019	EA		10" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper <i>For Stainless Steel, Add</i>	100.18 50.73	15.46
23 33 46 00-0020	EA		12" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper <i>For Stainless Steel, Add</i>	113.39 54.65	17.83
23 33 46 00-0021	EA		14" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper <i>For Stainless Steel, Add</i>	134.69 68.43	20.21
23 33 46 00-0022	EA		16" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper <i>For Stainless Steel, Add</i>	146.77 74.87	22.60
23 33 53			Duct Liners <small>(23 33)</small>		
23 33 53 00-0001			Fiberglass Duct Liner Board, Rigid, Acoustical Insulation <small>(23 33 53)</small>		
23 33 53 00-0002	SF		1/2" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	13.64	3.48
23 33 53 00-0003	SF		3/4" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	14.88	3.48
23 33 53 00-0004	SF		1" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	16.57	4.64
23 33 53 00-0005	SF		1-1/2" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	20.34	4.64
23 33 53 00-0006	SF		2" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	24.53	5.22
23 33 53 00-0007	SF		1/2" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	12.49	3.56
23 33 53 00-0008	SF		3/4" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	13.63	3.56
23 33 53 00-0009	SF		1" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	15.23	4.75
23 33 53 00-0010	SF		1-1/2" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	18.60	4.75
23 33 53 00-0011	SF		2" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	22.52	5.35
23 33 53 00-0012			Fiberglass Duct Liner Blanket, Flexible, Acoustical Insulation <small>(23 33 53)</small>		
23 33 53 00-0013	SF		1/2", R2, 2 LB/CF, T200, Fiberglass Duct Liner Blanket.....	3.09	2.85
23 33 53 00-0014	SF		1", R3.8, 1.5 LB/CF, T150, Fiberglass Duct Liner Blanket.....	3.67	3.21
23 33 53 00-0015	SF		1", R4.1, 2 LB/CF, T200, Fiberglass Duct Liner Blanket.....	4.62	3.21
23 33 53 00-0016	SF		1", R4.3, 3 LB/CF, T300, Fiberglass Duct Liner Blanket.....	6.08	3.21
23 33 53 00-0017	SF		1-1/2", T150, 1.5 LB/CF, Fiberglass Duct Liner Blanket.....	5.00	3.56
23 33 53 00-0018	SF		2", R7.7, 1.5 LB/CF, T150 Fiberglass Duct Liner Blanket.....	5.30	3.93
23 33 53 00-0019	SF		2", R8, 2 LB/CF, T200 Fiberglass Duct Liner Blanket.....	8.46	3.93

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 33 56 Duct Air Extractors (23 33)

23 33 56 00-0001	EA 12" x 4" Duct Air Extractor	55.61	19.62
	<i>For Stainless Steel, Add</i>	21.28	
23 33 56 00-0002	EA 8" x 6" Duct Air Extractor	59.18	21.40
	<i>For Stainless Steel, Add</i>	21.28	
23 33 56 00-0003	EA 12" x 6" Duct Air Extractor	67.83	22.60
	<i>For Stainless Steel, Add</i>	29.45	
23 33 56 00-0004	EA 16" x 6" Duct Air Extractor	76.30	23.79
	<i>For Stainless Steel, Add</i>	37.36	
23 33 56 00-0005	EA 24" x 6" Duct Air Extractor	99.77	26.16
	<i>For Stainless Steel, Add</i>	61.69	
23 33 56 00-0006	EA 12" x 8" Duct Air Extractor	72.95	23.79
	<i>For Stainless Steel, Add</i>	33.01	
23 33 56 00-0007	EA 20" x 8" Duct Air Extractor	96.20	29.73
	<i>For Stainless Steel, Add</i>	47.78	
23 33 56 00-0008	EA 18" x 10" Duct Air Extractor	103.87	33.89
	<i>For Stainless Steel, Add</i>	46.92	
23 33 56 00-0009	EA 24" x 10" Duct Air Extractor	126.45	39.83
	<i>For Stainless Steel, Add</i>	60.81	
23 33 56 00-0010	EA 24" x 12" Duct Air Extractor	145.25	47.56
	<i>For Stainless Steel, Add</i>	65.16	
23 33 56 00-0011	EA 30" x 12" Duct Air Extractor	181.73	59.45
	<i>For Stainless Steel, Add</i>	81.67	

23 33 59 Duct Pressure Relief Doors (23 33)

23 33 59 00-0001 Duct Pressure Relief Doors (23 33 59)

23 33 59 00-0002	EA 18" x 18" Duct Pressure Relief Door (Ruskin PRD18)	1,198.91	35.67
23 33 59 00-0003	EA 24" x 10" Duct Pressure Relief Door (Ruskin PRD18)	985.01	29.73
23 33 59 00-0004	EA 24" x 12" Duct Pressure Relief Door (Ruskin PRD18)	975.78	32.70

23 34 HVAC Fans (23 30)

23 34 13 Axial HVAC Fans (23 34)

23 34 13 00-0001 Tube-Axial Fans (23 34 13)

23 34 13 00-0002 Direct Drive Tube-Axial Duct Fans (23 34 13 00-0001)

23 34 13 00-0003	EA 12" Direct Drive Axial Flow Fan, 1/6 HP 1,060 CFM Constant Speed, 1/8" Static Pressure	1,847.50	365.41
	<i>For 1/4" Static Pressure, Add</i>	89.28	
	<i>For 3/8" Static Pressure, Add</i>	178.55	
	<i>For 1/2" Static Pressure, Add</i>	245.51	
23 34 13 00-0004	EA 12" Direct Drive Axial Flow Fan, 1/2 HP 2,095 CFM Constant Speed, 1/8" Static Pressure	1,927.21	366.50
	<i>For 1/4" Static Pressure, Add</i>	95.65	
	<i>For 3/8" Static Pressure, Add</i>	191.31	
	<i>For 1/2" Static Pressure, Add</i>	263.05	
23 34 13 00-0005	EA 16" Direct Drive Axial Flow Fan, 1/3 HP 2,490 CFM Constant Speed, 1/8" Static Pressure	2,086.63	365.41
	<i>For 1/4" Static Pressure, Add</i>	108.41	
	<i>For 3/8" Static Pressure, Add</i>	216.81	
	<i>For 1/2" Static Pressure, Add</i>	298.12	
23 34 13 00-0006	EA 20" Direct Drive Axial Flow Fan, 3/4 HP 4,130 CFM Constant Speed, 1/8" Static Pressure	2,246.06	366.50
	<i>For 1/4" Static Pressure, Add</i>	121.16	
	<i>For 3/8" Static Pressure, Add</i>	242.32	
	<i>For 1/2" Static Pressure, Add</i>	333.19	
23 34 13 00-0007	EA 22" Direct Drive Axial Flow Fan, 3/4 HP 4,700 CFM Constant Speed, 1/8" Static Pressure	2,631.50	438.94
	<i>For 1/4" Static Pressure, Add</i>	140.29	
	<i>For 3/8" Static Pressure, Add</i>	280.58	
	<i>For 1/2" Static Pressure, Add</i>	385.80	
23 34 13 00-0008	EA 24" Direct Drive Axial Flow Fan, 1 HP 5,850 CFM Constant Speed, 1/8" Static Pressure	3,026.68	477.34
	<i>For 1/4" Static Pressure, Add</i>	165.80	
	<i>For 3/8" Static Pressure, Add</i>	331.60	
	<i>For 1/2" Static Pressure, Add</i>	455.95	
23 34 13 00-0009	EA 24" Direct Drive Axial Flow Fan, 1-1/2 HP 7,925 CFM Constant Speed, 1/8" Static Pressure	3,197.27	522.33
	<i>For 1/4" Static Pressure, Add</i>	172.18	
	<i>For 3/8" Static Pressure, Add</i>	344.35	
	<i>For 1/2" Static Pressure, Add</i>	473.48	
23 34 13 00-0010	EA 30" Direct Drive Axial Flow Fan, 1 HP 10,640 CFM Constant Speed, 1/8" Static Pressure	3,648.08	548.66
	<i>For 1/4" Static Pressure, Add</i>	204.06	
	<i>For 3/8" Static Pressure, Add</i>	408.12	
	<i>For 1/2" Static Pressure, Add</i>	561.17	
23 34 13 00-0011	EA 30" Direct Drive Axial Flow Fan, 2-1/2 HP 14,765 CFM Constant Speed, 1/8" Static Pressure	4,400.67	685.83
	<i>For 1/4" Static Pressure, Add</i>	242.32	
	<i>For 3/8" Static Pressure, Add</i>	484.64	
	<i>For 1/2" Static Pressure, Add</i>	666.38	
23 34 13 00-0012	EA 36" Direct Drive Axial Flow Fan, 2 HP 16,780 CFM Constant Speed, 1/8" Static Pressure	4,970.39	731.92
	<i>For 1/4" Static Pressure, Add</i>	280.58	
	<i>For 3/8" Static Pressure, Add</i>	561.16	
	<i>For 1/2" Static Pressure, Add</i>	771.60	
23 34 13 00-0013	EA 36" Direct Drive Axial Flow Fan, 5 HP 22,920 CFM Constant Speed, 1/8" Static Pressure	5,833.16	843.84
	<i>For 1/4" Static Pressure, Add</i>	331.60	
	<i>For 3/8" Static Pressure, Add</i>	663.19	
	<i>For 1/2" Static Pressure, Add</i>	911.89	

23 34 13 00-0014 Belt Drive Tube-Axial Duct Fans (23 34 13 00-0001)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 13 00-0015	EA		15" Belt Drive Axial Flow Fan, 1/3 HP 2,800 CFM Constant Speed, 1/8" Static Pressure..... For 1/4" Static Pressure, Add For 3/8" Static Pressure, Add For 1/2" Static Pressure, Add	1,751.97 83.52 167.04 229.68	354.44
23 34 13 00-0016	EA		15" Belt Drive Axial Flow Fan, 1/2 HP 3,400 CFM Constant Speed, 1/8" Static Pressure..... For 1/4" Static Pressure, Add For 3/8" Static Pressure, Add For 1/2" Static Pressure, Add	1,857.99 90.12 180.23 247.82	366.50
23 34 13 00-0017	EA		18" Belt Drive Axial Flow Fan, 1/3 HP 3,280 CFM Constant Speed, 1/8" Static Pressure..... For 1/4" Static Pressure, Add For 3/8" Static Pressure, Add For 1/2" Static Pressure, Add	1,919.84 93.05 186.09 255.88	378.57
23 34 13 00-0018	EA		18" Belt Drive Axial Flow Fan, 1/2 HP 3,900 CFM Constant Speed, 1/8" Static Pressure..... For 1/4" Static Pressure, Add For 3/8" Static Pressure, Add For 1/2" Static Pressure, Add	2,032.34 99.88 199.77 274.68	391.75
23 34 13 00-0019	EA		18" Belt Drive Axial Flow Fan, 1 HP 5,250 CFM Constant Speed, 1/8" Static Pressure..... For 1/4" Static Pressure, Add For 3/8" Static Pressure, Add For 1/2" Static Pressure, Add	2,293.38 118.44 236.89 325.72	407.11
23 34 13 00-0020	EA		24" Belt Drive Axial Flow Fan, 1/2 HP 4,800 CFM Constant Speed, 1/8" Static Pressure..... For 1/4" Static Pressure, Add For 3/8" Static Pressure, Add For 1/2" Static Pressure, Add	2,419.27 126.01 252.03 346.54	422.47
23 34 13 00-0021	EA		24" Belt Drive Axial Flow Fan, 1 HP 6,430 CFM Constant Speed, 1/8" Static Pressure..... For 1/4" Static Pressure, Add For 3/8" Static Pressure, Add For 1/2" Static Pressure, Add	2,709.46 146.53 293.06 402.95	438.94
23 34 13 00-0022	EA		24" Belt Drive Axial Flow Fan, 2 HP 8,860 CFM Constant Speed, 1/8" Static Pressure..... For 1/4" Static Pressure, Add For 3/8" Static Pressure, Add For 1/2" Static Pressure, Add	3,058.76 174.58 349.17 480.11	438.94
23 34 13 00-0023	EA		30" Belt Drive Axial Flow Fan, 1 HP 9,250 CFM Constant Speed, 1/8" Static Pressure..... For 1/4" Static Pressure, Add For 3/8" Static Pressure, Add For 1/2" Static Pressure, Add	3,547.31 207.58 415.16 570.85	477.34
23 34 13 00-0024	EA		30" Belt Drive Axial Flow Fan, 5 HP 16,900 CFM Constant Speed, 1/8" Static Pressure..... For 1/4" Static Pressure, Add For 3/8" Static Pressure, Add For 1/2" Static Pressure, Add	4,205.32 244.21 488.43 671.59	578.30
23 34 13 00-0025	EA		30" Belt Drive Axial Flow Fan, 5 HP 16,150 CFM Constant Speed, 1/8" Static Pressure..... For 1/4" Static Pressure, Add For 3/8" Static Pressure, Add For 1/2" Static Pressure, Add	4,794.68 290.97 581.95 800.18	578.30
23 34 13 00-0026	EA		36" Belt Drive Axial Flow Fan, 3/4 HP 8,090 CFM Constant Speed, 1/8" Static Pressure..... For 1/4" Static Pressure, Add For 3/8" Static Pressure, Add For 1/2" Static Pressure, Add	5,280.41 324.89 649.79 893.46	610.11
23 34 13 00-0027	EA		36" Belt Drive Axial Flow Fan, 2 HP 14,475 CFM Constant Speed, 1/8" Static Pressure..... For 1/4" Static Pressure, Add For 3/8" Static Pressure, Add For 1/2" Static Pressure, Add	5,769.22 358.50 717.00 985.88	645.23
23 34 13 00-0028	EA		36" Belt Drive Axial Flow Fan, 7-1/2 HP 14,475 CFM Constant Speed, 1/8" Static Pressure..... For 1/4" Static Pressure, Add For 3/8" Static Pressure, Add For 1/2" Static Pressure, Add	6,567.30 390.74 781.48 1,074.54	843.84
23 34 13 00-0029	EA		36" Belt Drive Axial Flow Fan, 5 HP 20,080 CFM Constant Speed, 1/8" Static Pressure..... For 1/4" Static Pressure, Add For 3/8" Static Pressure, Add For 1/2" Static Pressure, Add	7,502.48 465.56 931.11 1,280.28	844.94
23 34 13 00-0030	EA		42" Belt Drive Axial Flow Fan, 7-1/2 HP 29,000 CFM Constant Speed, 1/8" Static Pressure..... For 1/4" Static Pressure, Add For 3/8" Static Pressure, Add For 1/2" Static Pressure, Add	8,471.98 518.73 1,037.45 1,426.50	997.25

23 34 16 Centrifugal HVAC Fans (23 34)

23 34 16 00-0001	Centrifugal Fans (23 34 16)				
	Note: All belt fans to be supplied with belt guard.				
23 34 16 00-0002	Utility Backward Inclined Steel Wheel Centrifugal Fans (23 34 16 00-0001)				
	Note: V-belt driven.				
23 34 16 00-0003	Industrial Type Utility Backward Centrifugal Fans (23 34 16 00-0002)				
	Note: Under 30" diameter wheel.				
23 34 16 00-0004	12-1/4" Diameter Wheel 650 To 2,950 CFM At 1/8" Static Pressure (23 34 16 00-0003)				
23 34 16 00-0005	EA	1/6 HP, 12-1/4" Wheel, 450 To 1,750 CFM At 1/8" Static Pressure, Centrifugal Fan	1,225.45		241.09
23 34 16 00-0006	EA	1/4 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	1,755.27		250.19
23 34 16 00-0007	EA	1/3 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	1,806.29		199.38
23 34 16 00-0008	EA	1/2 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	1,886.30		273.23
23 34 16 00-0009	EA	3/4 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	1,932.81		289.69
23 34 16 00-0010	EA	1 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	1,994.71		301.76
23 34 16 00-0011	EA	1-1/2 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	2,057.23		321.52
23 34 16 00-0012	13-1/2" Diameter Wheel 734 To 3,343 CFM At 1/8" Static Pressure (23 34 16 00-0003)				
23 34 16 00-0013	EA	1/4 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,023.13		263.36
23 34 16 00-0014	EA	1/3 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,059.84		273.23

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 34 HVAC Fans**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 34 16 00-0015	EA	1/2 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,128.01	289.69
23 34 16 00-0016	EA	3/4 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,167.94	301.76
23 34 16 00-0017	EA	1 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,241.74	321.52
23 34 16 00-0018	EA	1-1/2 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,314.95	336.88
23 34 16 00-0019		15" Diameter Wheel 1,258 To 4,146 CFM At 1/8" Static Pressure (23 34 16 00-0003)		
23 34 16 00-0020	EA	1/4 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,038.19	273.23
23 34 16 00-0021	EA	1/3 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,084.70	289.69
23 34 16 00-0022	EA	1/2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,146.29	301.76
23 34 16 00-0023	EA	3/4 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,198.42	321.52
23 34 16 00-0024	EA	1 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,264.43	336.88
23 34 16 00-0025	EA	1-1/2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,356.82	362.12
23 34 16 00-0026	EA	2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,429.01	380.77
23 34 16 00-0027		16-1/2" Diameter Wheel 977 To 4,711 CFM At 1/8" Static Pressure (23 34 16 00-0003)		
23 34 16 00-0028	EA	1/4 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,333.73	289.69
23 34 16 00-0029	EA	1/3 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,417.81	301.76
23 34 16 00-0030	EA	1/2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,511.10	321.52
23 34 16 00-0031	EA	3/4 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,560.29	336.88
23 34 16 00-0032	EA	1 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,625.06	362.12
23 34 16 00-0033	EA	1-1/2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,680.44	380.77
23 34 16 00-0034	EA	2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,976.58	413.69
23 34 16 00-0035		18-1/4" Diameter Wheel 2,193 To 6,498 CFM At 1/8" Static Pressure (23 34 16 00-0003)		
23 34 16 00-0036	EA	1/4 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,411.56	301.76
23 34 16 00-0037	EA	1/3 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,469.10	321.52
23 34 16 00-0038	EA	1/2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,545.94	336.88
23 34 16 00-0039	EA	3/4 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,605.87	362.12
23 34 16 00-0040	EA	1 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,688.87	380.77
23 34 16 00-0041	EA	1-1/2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,814.18	413.69
23 34 16 00-0042	EA	2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,895.49	438.94
23 34 16 00-0043	EA	3 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	3,016.75	482.83
23 34 16 00-0044		20" Diameter Wheel 2,412 To 7,364 CFM At 1/8" Static Pressure (23 34 16 00-0003)		
23 34 16 00-0045	EA	1/4 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,436.63	321.52
23 34 16 00-0046	EA	1/3 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,513.44	336.88
23 34 16 00-0047	EA	1/2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,605.87	362.12
23 34 16 00-0048	EA	3/4 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,688.87	380.77
23 34 16 00-0049	EA	1 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,846.65	413.69
23 34 16 00-0050	EA	1-1/2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	3,067.17	438.94
23 34 16 00-0051	EA	2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	3,221.85	482.83
23 34 16 00-0052	EA	3 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	3,382.38	516.85
23 34 16 00-0053		22-1/4" Diameter Wheel 2,265 To 8,483 CFM At 1/8" Static Pressure (23 34 16 00-0003)		
23 34 16 00-0054	EA	1/4 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	2,928.50	336.88
23 34 16 00-0055	EA	1/3 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	2,983.34	362.12
23 34 16 00-0056	EA	1/2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,058.80	380.77
23 34 16 00-0057	EA	3/4 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,153.43	413.69
23 34 16 00-0058	EA	1 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,278.94	438.94
23 34 16 00-0059	EA	1-1/2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,321.09	482.83
23 34 16 00-0060	EA	2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,404.04	516.85
23 34 16 00-0061	EA	3 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,552.22	579.38
23 34 16 00-0062		24-1/2" Diameter Wheel 3,055 To 11,380 CFM At 1/8" Static Pressure (23 34 16 00-0003)		
23 34 16 00-0063	EA	1/4 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,522.58	362.12
23 34 16 00-0064	EA	1/2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,637.05	413.69
23 34 16 00-0065	EA	3/4 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,750.85	438.94
23 34 16 00-0066	EA	1 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,871.49	482.83
23 34 16 00-0067	EA	1-1/2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,977.88	516.85
23 34 16 00-0068	EA	2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,071.94	579.38
23 34 16 00-0069	EA	3 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,202.42	629.86
23 34 16 00-0070	EA	5 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,507.95	724.24
23 34 16 00-0071		27" Diameter Wheel 2,734 To 13,266 CFM At 1/8" Static Pressure (23 34 16 00-0003)		
23 34 16 00-0072	EA	1/4 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	3,903.34	380.77
23 34 16 00-0073	EA	1/2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,021.55	438.94
23 34 16 00-0074	EA	3/4 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,142.17	482.83
23 34 16 00-0075	EA	1 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,248.58	516.85
23 34 16 00-0076	EA	1-1/2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,396.76	579.38
23 34 16 00-0077	EA	2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,526.91	629.86
23 34 16 00-0078	EA	3 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,855.45	724.24
23 34 16 00-0079	EA	5 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,900.57	804.34

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 34 16 00-0080	Large Industrial Type Utility Backward Centrifugal Fans (23 34 16 00-0002)			
	Note: Over 30" diameter wheel.			
23 34 16 00-0081	30" Diameter Wheel 4,926 To 17,456 CFM At 1/8" Static Pressure (23 34 16 00-0080)			
23 34 16 00-0082	EA	1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	5,468.54	482.83
23 34 16 00-0083	EA	3/4 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	5,570.67	516.85
23 34 16 00-0084	EA	1 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	5,728.54	579.38
23 34 16 00-0085	EA	1-1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	5,869.51	629.86
23 34 16 00-0086	EA	2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,077.94	724.24
23 34 16 00-0087	EA	3 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,264.82	804.34
23 34 16 00-0088	EA	5 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,573.65	965.64
23 34 16 00-0089	EA	7-1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,858.52	1,113.79
23 34 16 00-0090	33" Diameter Wheel 5,734 To 19,799 CFM At 1/8" Static Pressure (23 34 16 00-0080)			
23 34 16 00-0091	EA	1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	6,414.06	516.85
23 34 16 00-0092	EA	3/4 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	6,616.38	579.38
23 34 16 00-0093	EA	1 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	6,801.00	629.86
23 34 16 00-0094	EA	1-1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	7,052.41	724.24
23 34 16 00-0095	EA	2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	7,282.61	804.34
23 34 16 00-0096	EA	3 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	7,634.73	965.64
23 34 16 00-0097	EA	5 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	8,027.91	1,113.79
23 34 16 00-0098	EA	7-1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	8,582.84	1,448.47
23 34 16 00-0099	36-1/2" Diameter Wheel 5,388 To 22,500 CFM At 1/8" Static Pressure (23 34 16 00-0080)			
23 34 16 00-0100	EA	1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	6,845.94	579.38
23 34 16 00-0101	EA	3/4 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	7,037.04	629.86
23 34 16 00-0102	EA	1 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	7,645.74	724.24
23 34 16 00-0103	EA	1-1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	8,055.69	804.34
23 34 16 00-0104	EA	2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	8,559.66	965.64
23 34 16 00-0105	EA	3 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	8,946.02	1,113.79
23 34 16 00-0106	EA	5 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	9,756.67	1,448.47
23 34 16 00-0107	EA	7-1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	10,434.68	1,810.59
23 34 16 00-0108	Kitchen System Fans (23 34 16 00-0001)			
23 34 16 00-0109	Upblast Kitchen Exhaust Fans (23 34 16 00-0109)			
23 34 16 00-0110	Direct Drive Kitchen Upblast Exhaust Fans (23 34 16 00-0109)			
	Note: Greenheck CUE.			
23 34 16 00-0111	EA	Up To 12" Wheel Diameter, 1/6 HP Direct Drive, Kitchen Upblast Exhaust Fan	1,234.68	142.65
	Note: 115V. For roof or wall installations. Includes disconnect switch.			
		<i>For Bird Screen, Add</i>	53.79	
		<i>For Backdraft Damper, Add</i>	135.10	
		<i>For Damper Motor, Add</i>	217.51	
23 34 16 00-0112	EA	14" Wheel Diameter, 1/4 HP Direct Drive, Kitchen Upblast Exhaust Fan	1,448.37	142.65
	Note: 115V. For roof or wall installations. Includes disconnect switch.			
		<i>For Bird Screen, Add</i>	53.79	
		<i>For Backdraft Damper, Add</i>	135.10	
		<i>For Damper Motor, Add</i>	217.51	
23 34 16 00-0113	Belt Drive Kitchen Upblast Exhaust Fans (23 34 16 00-0109)			
	Note: Greenheck CUBE.			
23 34 16 00-0114	EA	10" Diameter Wheel, Up To 1/3 HP, 1,458 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	2,123.42	142.65
	Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.			
		<i>For Bird Screen, Add</i>	53.79	
		<i>For Wall Mounted Fan, Add</i>	84.94	
		<i>For 3 Phase Motor, Deduct</i>	-50.00	
		<i>For Totally Enclosed Motor, Add</i>	85.00	
		<i>For Backdraft Damper, Add</i>	135.10	
		<i>For Damper Motor, Add</i>	217.51	
		<i>For Grease Trap Kit, Add</i>	76.41	
		<i>For Hinged Curb Kit, Add</i>	156.24	
23 34 16 00-0115	EA	12" Diameter Wheel, 1/2 HP, 1,923 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	2,216.16	142.65
	Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.			
		<i>For Bird Screen, Add</i>	53.79	
		<i>For Wall Mounted Fan, Add</i>	88.65	
		<i>For 3 Phase Motor, Deduct</i>	-50.00	
		<i>For Totally Enclosed Motor, Add</i>	85.00	
		<i>For Backdraft Damper, Add</i>	135.10	
		<i>For Damper Motor, Add</i>	217.51	
23 34 16 00-0116	EA	14" Diameter Wheel, 1/3 HP, 2,006 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	1,902.07	164.60
	Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.			
		<i>For Bird Screen, Add</i>	61.21	
		<i>For Wall Mounted Fan, Add</i>	76.08	
		<i>For 3 Phase Motor, Deduct</i>	-50.00	
		<i>For Totally Enclosed Motor, Add</i>	85.00	
		<i>For Backdraft Damper, Add</i>	153.33	
		<i>For Damper Motor, Add</i>	217.51	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 34 HVAC Fans**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 34 16 00-0117	EA 14" Diameter Wheel, 1 HP, 2,757 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	2,035.62	164.60
	For Bird Screen, Add	61.21	
	For Wall Mounted Fan, Add	81.42	
	For 3 Phase Motor, Deduct	-50.00	
	For Totally Enclosed Motor, Add	85.00	
	For Backdraft Damper, Add	153.33	
	For Damper Motor, Add	217.51	
23 34 16 00-0118	EA 16" Diameter Wheel, 1/2 HP, 2,940 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	2,587.56	192.04
	For Bird Screen, Add	61.21	
	For Wall Mounted Fan, Add	103.50	
	For 3 Phase Motor, Deduct	-50.00	
	For Totally Enclosed Motor, Add	85.00	
	For Backdraft Damper, Add	153.33	
	For Damper Motor, Add	217.51	
23 34 16 00-0119	EA 16" Diameter Wheel, 1 HP, 3,129 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	2,730.38	192.04
	For Bird Screen, Add	61.21	
	For Wall Mounted Fan, Add	109.22	
	For 3 Phase Motor, Deduct	-50.00	
	For Totally Enclosed Motor, Add	85.00	
	For Backdraft Damper, Add	153.33	
	For Damper Motor, Add	217.51	
23 34 16 00-0120	EA 18" Diameter Wheel, 1/2 HP, 3,243 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	2,974.82	205.75
	For Bird Screen, Add	102.01	
	For Wall Mounted Fan, Add	118.99	
	For 3 Phase Motor, Deduct	-50.00	
	For Totally Enclosed Motor, Add	85.00	
	For Backdraft Damper, Add	190.65	
	For Damper Motor, Add	217.51	
	For Grease Trap Kit, Add	76.41	
	For Hinged Curb Kit, Add	217.88	
23 34 16 00-0121	EA 18" Diameter Wheel, 1 HP, 4,223 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	3,197.40	205.75
	For Bird Screen, Add	102.01	
	For Wall Mounted Fan, Add	127.90	
	For 3 Phase Motor, Deduct	-50.00	
	For Totally Enclosed Motor, Add	85.00	
	For Backdraft Damper, Add	190.65	
	For Damper Motor, Add	217.51	
	For Grease Trap Kit, Add	76.41	
	For Hinged Curb Kit, Add	236.80	
23 34 16 00-0122	EA 20" Diameter Wheel, 3/4 HP, 4,438 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	3,250.82	219.47
	For Bird Screen, Add	102.01	
	For Wall Mounted Fan, Add	130.03	
	For 3 Phase Motor, Deduct	-50.00	
	For Totally Enclosed Motor, Add	85.00	
	For Backdraft Damper, Add	190.65	
	For Damper Motor, Add	217.51	
23 34 16 00-0123	EA 20" Diameter Wheel, 2 HP, 6,450 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	3,564.28	219.47
	For Bird Screen, Add	102.01	
	For Wall Mounted Fan, Add	142.57	
	For 3 Phase Motor, Deduct	-50.00	
	For Totally Enclosed Motor, Add	85.00	
	For Backdraft Damper, Add	190.65	
	For Damper Motor, Add	217.51	
23 34 16 00-0124	EA 24" Diameter Wheel, 3/4 HP, 5,460 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	4,105.10	246.90
	For Bird Screen, Add	120.56	
	For Wall Mounted Fan, Add	164.20	
	For 3 Phase Motor, Deduct	-50.00	
	For Totally Enclosed Motor, Add	85.00	
	For Backdraft Damper, Add	206.75	
	For Damper Motor, Add	217.51	
23 34 16 00-0125	EA 24" Diameter Wheel, 2 HP, 7,985 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	4,392.59	246.90
	For Bird Screen, Add	120.56	
	For Wall Mounted Fan, Add	175.70	
	For 3 Phase Motor, Deduct	-50.00	
	For Totally Enclosed Motor, Add	85.00	
	For Backdraft Damper, Add	206.75	
	For Damper Motor, Add	217.51	
23 34 16 00-0126	EA 30" Diameter Wheel, 3/4 HP, 7,771 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	5,206.06	274.33
	For Bird Screen, Add	129.84	
	For Wall Mounted Fan, Add	208.24	
	For 3 Phase Motor, Deduct	-50.00	
	For Totally Enclosed Motor, Add	85.00	
	For Backdraft Damper, Add	229.21	
	For Damper Motor, Add	217.51	
23 34 16 00-0127	EA 30" Diameter Wheel, 2 HP, 10,192 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	5,300.66	274.33
	For Bird Screen, Add	129.84	
	For Wall Mounted Fan, Add	212.03	
	For 3 Phase Motor, Deduct	-50.00	
	For Totally Enclosed Motor, Add	85.00	
	For Backdraft Damper, Add	229.21	
	For Damper Motor, Add	217.51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0128	EA		30" Diameter Wheel, 3 HP, 11,903 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	5,781.05	274.33
			Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.		
			For Bird Screen, Add	129.84	
			For Wall Mounted Fan, Add	231.24	
			For Totally Enclosed Motor, Add	85.00	
			For Backdraft Damper, Add	229.21	
			For Damper Motor, Add	217.51	
			For Grease Trap Kit, Add	76.41	
			For Hinged Curb Kit, Add	444.75	
23 34 16 00-0129	EA		30" Diameter Wheel, 5 HP, 14,266 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	6,012.90	274.33
			Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.		
			For Bird Screen, Add	129.84	
			For Wall Mounted Fan, Add	240.52	
			For Totally Enclosed Motor, Add	85.00	
			For Backdraft Damper, Add	229.21	
			For Damper Motor, Add	217.51	
			For Grease Trap Kit, Add	76.41	
			For Hinged Curb Kit, Add	464.46	
23 34 16 00-0130	EA		36" Diameter Wheel, 3 HP, 14,769 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	6,620.78	301.76
			Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.		
			For Bird Screen, Add	148.38	
			For Wall Mounted Fan, Add	264.83	
			For Totally Enclosed Motor, Add	85.00	
			For Damper Motor, Add	217.51	
			For Backdraft Damper, Add	268.94	
			For Grease Trap Kit, Add	76.41	
			For Hinged Curb Kit, Add	511.47	
23 34 16 00-0131	EA		36" Diameter Wheel, 5 HP, 17,884 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	6,887.41	301.76
			Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.		
			For Bird Screen, Add	148.38	
			For Wall Mounted Fan, Add	275.50	
			For Totally Enclosed Motor, Add	85.00	
			For Damper Motor, Add	217.51	
			For Backdraft Damper, Add	268.94	
			For Grease Trap Kit, Add	76.41	
			For Hinged Curb Kit, Add	534.13	
23 34 16 00-0132	EA		42" Diameter Wheel, 3 HP, 17,316 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	6,949.75	329.20
			Note: 230/460/60/3. Includes birdscreen, heat baffle, grease baffle and disconnect switch.		
			For Bird Screen, Add	148.38	
			For Totally Enclosed Motor, Add	85.00	
			For Damper Motor, Add	217.51	
			For Backdraft Damper, Add	311.66	
23 34 16 00-0133	EA		42" Diameter Wheel, 7-1/2 HP, 24,604 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	7,535.12	329.20
			Note: 230/460/60/3. Includes birdscreen, heat baffle, grease baffle and disconnect switch.		
			For Bird Screen, Add	148.38	
			For Totally Enclosed Motor, Add	85.00	
			For Damper Motor, Add	217.51	
			For Backdraft Damper, Add	311.66	
23 34 16 00-0134			Untempered Kitchen Make-Up Air Fans (23 34 16 00-0108)		
			Note: Roof mounted with downblast discharge, weatherhood and filter.		
23 34 16 00-0135			Direct Drive Kitchen Make-Up Air Fans (23 34 16 00-0134)		
23 34 16 00-0136	EA		7" Diameter Wheel, 1/2 HP Direct Drive, Kitchen Make-Up Air Fan.....	1,431.94	142.65
			Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.		
23 34 16 00-0137	EA		8" Diameter Wheel, 1 HP Direct Drive, Kitchen Make-Up Air Fan.....	1,504.53	142.65
			Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.		
23 34 16 00-0138	EA		9" Diameter Wheel, 1 HP Direct Drive, Kitchen Make-Up Air Fan.....	1,593.62	142.65
			Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.		
23 34 16 00-0139			Belt Drive Kitchen Make-Up Air Fans (23 34 16 00-0134)		
23 34 16 00-0140	EA		9" Diameter Wheel, 1/2 HP Belt Drive, Kitchen Make-Up Air Fan.....	1,628.17	142.65
			Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.		
23 34 16 00-0141	EA		10" Diameter Wheel, 1-1/2 HP Belt Drive, Kitchen Make-Up Air Fan.....	1,825.93	192.04
			Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.		
23 34 16 00-0142	EA		12" Diameter Wheel, 2 HP Belt Drive, Kitchen Make-Up Air Fan.....	2,201.00	219.47
			Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.		
23 34 16 00-0143	EA		15" Diameter Wheel, 3 HP Belt Drive, Kitchen Make-Up Air Fan.....	2,551.84	274.33
			Note: 230/460/60/3. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.		
23 34 16 00-0144	EA		18" Diameter Wheel, 5 HP Belt Drive, Kitchen Make-Up Air Fan.....	3,088.13	329.20
			Note: 230/460/60/3. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.		
23 34 16 00-0145			Replacement Parts (23 34 16 00-0001)		
23 34 16 00-0146			Replace Belts And Accessories (23 34 16 00-0145)		
23 34 16 00-0147	EA		Fan Shaft Bearing, Replacement.....	856.08	381.69
23 34 16 00-0148	EA		Fan Belt, Replacement.....	140.67	51.76
23 34 16 00-0149			Corrosive Fume Resistant Plastic (23 34 16 00-0001)		
23 34 16 00-0150			Centrifugal Roof Ventilators, Belt Drive, 1/4" Static Pressure (23 34 16 00-0149)		

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 34 HVAC Fans



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 34 16 00-0151	EA 250 CFM, 1/4 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	6,075.93 852.00	197.99
23 34 16 00-0152	EA 895 CFM, 1/3 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	6,598.21 918.39	237.82
23 34 16 00-0153	EA 1,630 CFM, 1/2 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	7,823.61 1,084.36	297.28
23 34 16 00-0154	EA 2,240 CFM, 1 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	8,391.10 1,139.68	396.56
23 34 16 00-0155	EA 3,810 CFM, 2 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	9,598.41 1,261.40	594.55
23 34 16 00-0156	EA 11,760 CFM, 5 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	16,541.26 2,124.46	1,189.10
23 34 16 00-0157	EA 18,810 CFM, 10 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	24,127.81 3,109.23	1,699.82
23 34 16 00-0158 Utility Set, Centrifugal, Belt Drive (23 34 16 00-0149)			
23 34 16 00-0159	EA 1,200 CFM, 1/4 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	6,075.93 852.00	197.99
23 34 16 00-0160	EA 1,520 CFM, 1/3 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	6,229.38 863.06	237.82
23 34 16 00-0161	EA 1,850 CFM, 1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	6,348.29 863.06	297.28
23 34 16 00-0162	EA 2,180 CFM, 3/4 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	6,546.95 863.06	396.56
23 34 16 00-0163	EA 3,600 CFM, 1 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	9,008.28 1,172.88	594.55
23 34 16 00-0164	EA 4,250 CFM, 1-1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	9,305.57 1,172.88	743.19
23 34 16 00-0165	EA 4,800 CFM, 2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	9,520.06 1,172.88	850.44
23 34 16 00-0166	EA 6,920 CFM, 5 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	9,750.38 1,195.01	891.83
23 34 16 00-0167	EA 7,700 CFM, 7-1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	10,022.33 1,206.07	990.88
23 34 16 00-0168 In-Line Duct Fans (23 34 16 00-0001)			
23 34 16 00-0169 Direct Drive In-Line Duct Fans (23 34 16 00-0168)			
Note: Greenheck SQ.			
23 34 16 00-0170	EA Up To 10" Wheel Diameter, 1/16 HP Direct Drive, In Line Duct Fan Note: 115V. Includes disconnect switch.	1,449.32	142.65
23 34 16 00-0171	EA 13" Wheel Diameter, 1/6 HP Direct Drive, In Line Duct Fan Note: 115V. Includes disconnect switch.	1,850.45	153.63
23 34 16 00-0172	EA 14" Wheel Diameter, 1/3 HP Direct Drive, In Line Duct Fan Note: 115V. Includes disconnect switch.	2,028.90	164.60
23 34 16 00-0173 Belt Drive In-Line Duct Fans (23 34 16 00-0168)			
Note: Greenheck BSQ.			
23 34 16 00-0174	EA Up To 12" Wheel Diameter, 1/4 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	2,119.43	164.60
		<i>For 3 Phase Motor, Deduct</i>	-50.00
		<i>For Totally Enclosed Motor, Add</i>	85.00
23 34 16 00-0175	EA 13" Or 14" Wheel Diameter, 1/4 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	2,436.10	192.04
		<i>For 3 Phase Motor, Deduct</i>	-50.00
		<i>For Totally Enclosed Motor, Add</i>	85.00
23 34 16 00-0176	EA 13" Or 14" Wheel Diameter, 3/4 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	2,738.25	192.04
		<i>For 3 Phase Motor, Deduct</i>	-50.00
		<i>For Totally Enclosed Motor, Add</i>	85.00
23 34 16 00-0177	EA 13" Or 14" Wheel Diameter, 1-1/2 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	2,995.11	192.04
		<i>For 3 Phase Motor, Deduct</i>	-50.00
		<i>For Totally Enclosed Motor, Add</i>	85.00
23 34 16 00-0178	EA 16" Or 18" Wheel Diameter, 1/3 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	2,919.10	219.47
		<i>For 3 Phase Motor, Deduct</i>	-50.00
		<i>For Totally Enclosed Motor, Add</i>	85.00
23 34 16 00-0179	EA 16" Or 18" Wheel Diameter, 1-1/2 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	3,354.11	219.47
		<i>For 3 Phase Motor, Deduct</i>	-50.00
		<i>For Totally Enclosed Motor, Add</i>	85.00
23 34 16 00-0180	EA 24" Wheel Diameter, 1 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	4,267.91	274.33
		<i>For 3 Phase Motor, Deduct</i>	-50.00
		<i>For Totally Enclosed Motor, Add</i>	85.00
23 34 16 00-0181	EA 24" Wheel Diameter, 3 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch.	4,508.05	274.33
		<i>For Totally Enclosed Motor, Add</i>	85.00
23 34 16 00-0182	EA 24" Wheel Diameter, 5 HP Belt Drive, In Line Duct Fan Note: Belt drive. 230/460/60/3. Includes disconnect switch.	4,677.33	274.33
		<i>For Totally Enclosed Motor, Add</i>	85.00
23 34 16 00-0183	EA 30 Or 36" Wheel Diameter, 3 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch.	5,410.14	329.20
		<i>For Totally Enclosed Motor, Add</i>	85.00

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0184	EA		30 Or 36" Wheel Diameter, 5 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch. For Totally Enclosed Motor, Add	5,612.19 85.00	329.20
23 34 16 00-0185	EA		30 Or 36" Wheel Diameter, 7-1/2 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch. For Totally Enclosed Motor, Add	5,860.49 85.00	329.20
23 34 16 00-0186			In-Line Cabinet Fans (23 34 16 00-0001)		
23 34 16 00-0187	EA		950 CFM, 80 Watt, Direct Drive In-Line Cabinet Fan.....	443.31	96.01
23 34 16 00-0188	EA		1,050 CFM, 129 Watt, Direct Drive In-Line Cabinet Fan.....	469.76	96.01
23 34 16 00-0189	EA		1,100 CFM, 173 Watt, Direct Drive In-Line Cabinet Fan.....	505.66	96.01
23 34 16 00-0190	EA		950 CFM, 48.7 Watt, Direct Drive In-Line Cabinet Fan.....	503.77	96.01
23 34 16 00-0191	EA		1,100 CFM, 52.5 Watt, Direct Drive In-Line Cabinet Fan.....	503.77	96.01
23 34 16 00-0192	EA		1,400 CFM, 100 Watt, Direct Drive In-Line Cabinet Fan.....	560.45	96.01
23 34 16 00-0193	EA		900 CFM, 48.2 Watt, Direct Drive In-Line Cabinet Fan.....	673.44	101.50
23 34 16 00-0194	EA		1,000 CFM, 82.7 Watt, Direct Drive In-Line Cabinet Fan.....	573.31	101.50
23 34 16 00-0195	EA		1,050 CFM, 80.7 Watt, Direct Drive In-Line Cabinet Fan.....	611.09	101.50
23 34 16 00-0196	EA		1,350 CFM, 140 Watt, Direct Drive In-Line Cabinet Fan.....	635.65	101.50
23 34 16 00-0197	EA		1,000 CFM, 135 Watt, Direct Drive In-Line Cabinet Fan.....	663.99	101.50
23 34 16 00-0198	EA		1,070 CFM, 217 Watt, Direct Drive In-Line Cabinet Fan.....	663.99	101.50
23 34 16 00-0199	EA		1,100 CFM, 350 Watt, Direct Drive In-Line Cabinet Fan.....	1,084.93	106.99
23 34 16 00-0200	EA		1,080 CFM, 325 Watt, Direct Drive In-Line Cabinet Fan.....	913.01	106.99
23 34 16 00-0201	EA		1,600 CFM, 405 Watt, Direct Drive In-Line Cabinet Fan.....	913.01	106.99
23 34 16 00-0202	EA		950 CFM, 328 Watt, Direct Drive In-Line Cabinet Fan.....	1,236.07	106.99
23 34 16 00-0203	EA		1,095 CFM, 455 Watt, Direct Drive In-Line Cabinet Fan.....	1,236.07	106.99
23 34 16 00-0204	EA		1,450 CFM, 822 Watt, Direct Drive In-Line Cabinet Fan.....	1,236.07	106.99
23 34 16 00-0205	EA		1,640 CFM, 830 Watt, Direct Drive In-Line Cabinet Fan.....	1,544.27	106.99
23 34 16 00-0206			Propeller And Ceiling Fans (23 34 16)		
23 34 16 00-0207			Direct Drive, Sidewall Propeller Exhaust Fan (23 34 16 00-0206)		
23 34 16 00-0208	EA		1/25 HP, 307 CFM At 1/8" Static Pressure, 8" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan Note: Includes motor side guard. For Backdraft Damper, Add For Wall Mount Collar, Add	658.48 153.90 253.66	117.41
23 34 16 00-0209	EA		1/12 HP, 763 CFM At 1/8" Static Pressure, 10" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan Note: Includes motor side guard. For Backdraft Damper, Add For Wall Mount Collar, Add	697.79 165.74 253.66	130.59
23 34 16 00-0210	EA		1/8 HP, 1,149 CFM At 1/8" Static Pressure, 12" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan Note: Includes motor side guard. For Backdraft Damper, Add For Wall Mount Collar, Add	772.69 181.82 260.31	144.85
23 34 16 00-0211	EA		1/6 HP, 1,350 CFM At 1/8" Static Pressure, 14" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan For Backdraft Damper, Add For Wall Mount Collar, Add For Motor Side Guard, Add	1,127.26 217.03 265.12 218.69	160.21
23 34 16 00-0212	EA		1/6 HP, 2,012 CFM At 1/8" Static Pressure, 16" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan For Backdraft Damper, Add For Wall Mount Collar, Add For Motor Side Guard, Add	1,048.78 217.03 271.78 232.76	177.76
23 34 16 00-0213	EA		1/4 HP, 2,908 CFM At 1/8" Static Pressure, 18" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan For Backdraft Damper, Add For Wall Mount Collar, Add For Motor Side Guard, Add	1,178.23 262.85 278.44 246.84	197.52
23 34 16 00-0214	EA		1/3 HP, 3,974 CFM At 1/8" Static Pressure, 20" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan For Backdraft Damper, Add For Wall Mount Collar, Add For Motor Side Guard, Add	1,343.11 262.85 283.25 266.48	219.47
23 34 16 00-0215			Belt Drive Propeller Exhaust Fans (23 34 16 00-0206)		
23 34 16 00-0216	EA		24" Propeller Exhaust Fan, V-Belt Drive, 5,795 CFM, 1/2 HP, With Wall Shutter.....	2,401.04	313.84
23 34 16 00-0217	EA		30" Propeller Exhaust Fan, V-Belt Drive, 9,060 CFM, 3/4 HP, With Wall Shutter.....	2,749.38	365.41
23 34 16 00-0218	EA		36" Propeller Exhaust Fan, V-Belt Drive, 11,850 CFM, 1 HP, With Wall Shutter.....	3,116.92	438.94
23 34 16 00-0219	EA		42" Propeller Exhaust Fan, V-Belt Drive, 17,400 CFM, 1-1/2 HP, With Wall Shutter.....	4,344.95	548.66
23 34 16 00-0220	EA		48" Propeller Exhaust Fan, V-Belt Drive, 19,870 CFM, 1-1/2 HP, With Wall Shutter.....	5,177.22	731.92
23 34 16 00-0221	EA		54" Propeller Exhaust Fan, V-Belt Drive, 26,000 CFM, 2 HP, With Wall Shutter.....	7,184.54	1,097.33
23 34 16 00-0222	EA		60" Propeller Exhaust Fan, V-Belt Drive, 35,120 CFM, 3 HP, With Wall Shutter.....	8,616.33	1,406.77
23 34 16 00-0223			Propeller Exhaust Fan Accessories (23 34 16 00-0206)		
23 34 16 00-0224	SF		Hinged Mesh Screen For Wall Propeller Fans, 1" x 1" Frame (SF Of Fan Opening).....	123.16	
23 34 16 00-0225	SF		Galvanized Weather Hood For Wall Propeller Fan (SF Of Fan Opening).....	284.08	
23 34 16 00-0226			Reversible Ceiling Fans (23 34 16 00-0206)		
23 34 16 00-0227			4 Blade Ceiling Fans (23 34 16 00-0226)		
23 34 16 00-0228	EA		42" 4-Blade Ceiling Fan, Three Speed For Brass Plated Motor, Add For Light Kit, Add	555.53 20.25 25.94	56.66

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 34 HVAC Fans**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0229			5 Blade Ceiling Fans (23 34 16 00-0226)		
23 34 16 00-0230	EA		42" 5-Blade Ceiling Fan, Three Speed <i>For Brass Plated Motor, Add</i> <i>For Light Kit, Add</i>	608.43 20.25 26.00	140.21
23 34 16 00-0231	EA		52" 5-Blade Ceiling Fan, Three Speed <i>For Brass Plated Motor, Add</i> <i>For Light Kit, Add</i>	695.10 20.25 26.12	140.21
23 34 16 00-0232			3 Blade Weatherproof Ceiling Fans (23 34 16 00-0226)		
23 34 16 00-0233	EA		3-Blade Ceiling Fan, Weatherproof, Three Speed	577.48	54.32
23 34 16 00-0234			Ceiling Fan Down Rod (23 34 16 00-0226)		
23 34 16 00-0235	EA		1' Ceiling Fan Down Rod	22.03	
23 34 16 00-0236	EA		1-1/2' Ceiling Fan Down Rod	29.21	
23 34 16 00-0237	EA		2' Ceiling Fan Down Rod	32.80	
23 34 16 00-0238	EA		3' Ceiling Fan Down Rod	44.34	
23 34 16 00-0239	EA		4' Ceiling Fan Down Rod	51.88	
23 34 16 00-0240	EA		5' Ceiling Fan Down Rod	63.93	
23 34 16 00-0241	EA		6' Ceiling Fan Down Rod	80.18	
23 34 16 00-0242			Exhaust Fans (23 34 16)		
23 34 16 00-0243			Exhaust Fans (23 34 16 00-0242) Note: Excludes ducting.		
23 34 16 00-0244			Light Duty Exhaust Fans (23 34 16 00-0243)		
23 34 16 00-0245			Light Duty Exhaust Fans (23 34 16 00-0244)		
23 34 16 00-0246	EA		50 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan Without Light (Broan® 670)	143.03	45.79
23 34 16 00-0247	EA		70 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan Without Light (Broan® 671)	151.63	45.79
23 34 16 00-0248	EA		180 CFM, Ceiling Mounted, Polymeric Intake Grille, Vertical Discharge, Light Duty Exhaust Fan Without Light (Broan® 505)	254.82	45.79
23 34 16 00-0249	EA		350 CFM, Ceiling Mounted, Polymeric Intake Grille, Vertical Discharge, Light Duty Exhaust Fan Without Light (Broan® 504)	323.82	45.79
23 34 16 00-0250	EA		160 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Side Discharge, Light Duty Exhaust Fan Without Light (Broan® 503)	288.79	45.79
23 34 16 00-0251	EA		270 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Side Discharge, Light Duty Exhaust Fan Without Light (Broan® 502)	386.77	45.79
23 34 16 00-0252			Light Duty Exhaust Fans With Lights (23 34 16 00-0244)		
23 34 16 00-0253	EA		50 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 678)	189.01	45.79
23 34 16 00-0254	EA		70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 679)	210.54	45.79
23 34 16 00-0255	EA		100 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 680)	399.92	45.79
23 34 16 00-0256			Light Duty Exhaust Fans With Heaters (23 34 16 00-0244)		
23 34 16 00-0257	EA		70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater Bulb (Broan® 162)	193.67	45.79
23 34 16 00-0258	EA		70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater (Broan® 658)	311.75	45.79
23 34 16 00-0259			Light Duty Exhaust Fans With Heaters And Lights (23 34 16 00-0244)		
23 34 16 00-0260	EA		70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater And Light (Broan® 655)	332.22	45.79
23 34 16 00-0261	EA		100 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater And Light (Broan® 100HL)	507.97	45.79
23 34 16 00-0262			Heavy Duty/Continuous Operation Exhaust Fans (23 34 16 00-0243)		
23 34 16 00-0263			Heavy Duty/Continuous Operation Exhaust Fans (23 34 16 00-0262) Note: Includes enamel steel or aluminum grille.		
23 34 16 00-0264	EA		50 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD50)	226.19	45.79
23 34 16 00-0265	EA		80 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD80)	250.87	45.79
23 34 16 00-0266	EA		109 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L100MG)	464.47	45.79
23 34 16 00-0267	EA		157 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L150MG)	475.91	45.79
23 34 16 00-0268	EA		210 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L200MG)	511.51	45.79
23 34 16 00-0269	EA		259 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L250MG)	534.26	45.79
23 34 16 00-0270	EA		308 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L300MG)	543.07	45.79
23 34 16 00-0271	EA		434 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L400)	622.53	45.79
23 34 16 00-0272	EA		514 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L500)	710.18	45.79
23 34 16 00-0273	EA		701 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L700)	760.10	45.79
23 34 16 00-0274	EA		901 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L900)	905.94	45.79

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0275	EA		1,513 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L1500)	1,165.74	45.79
23 34 16 00-0276			Heavy Duty/Continuous Operation Kitchen Exhaust Fans (23 34 16 00-0262) Note: Includes enamel steel or aluminum grille.		
23 34 16 00-0277	EA		308 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L300KMG)	482.57	45.79
23 34 16 00-0278	EA		434 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L400K)	703.62	45.79
23 34 16 00-0279	EA		514 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L500K)	744.56	45.79
23 34 16 00-0280			Heavy Duty/Continuous Operation Exhaust Fans With Lights (23 34 16 00-0262)		
23 34 16 00-0281	EA		50 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan With Light (Broan® HD50L)	246.40	45.79
23 34 16 00-0282	EA		80 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan With Light (Broan® HD80L)	269.58	45.79
23 34 16 00-0283			Fire Rated, Heavy Duty/Continuous Operation Exhaust Fans (23 34 16 00-0262)		
23 34 16 00-0284	EA		50 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD50RDF)	256.58	45.79
23 34 16 00-0285	EA		80 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD80RDF)	271.92	45.79
23 34 16 00-0286	EA		110 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy Duty/Continuous Operation Exhaust Fan (Broan® 110RDF)	279.32	45.79
23 34 16 00-0287			Low Sound, Direct Drive, Centrifugal Ceiling Exhaust Fans (23 34 16 00-0243)		
23 34 16 00-0288	EA		900 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A900)	1,251.99	45.79
23 34 16 00-0289	EA		1050 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1050)	1,251.99	45.79
23 34 16 00-0290	EA		1410 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1410)	1,251.99	45.79
23 34 16 00-0291	EA		1550 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1550)	1,374.56	45.79
23 34 16 00-0292			Room-To-Room Exhaust Fans (23 34 16 00-0243)		
23 34 16 00-0293	EA		90 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 512)	183.21	45.79
23 34 16 00-0294	EA		180 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 511)	308.54	45.79
23 34 16 00-0295	EA		380 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 510)	354.21	45.79
23 34 16 00-0296			Through-Wall Exhaust Fans (23 34 16 00-0243)		
23 34 16 00-0297	EA		250 CFM, Wall Mounted, Polymeric Intake Grille, Chain Operated, Through Wall Exhaust Fan (Broan® 507)	330.33	45.79
23 34 16 00-0298	EA		470 CFM, Wall Mounted, Polymeric Intake Grille, Chain Operated, Through Wall Exhaust Fan (Broan® 506)	393.28	45.79
23 34 16 00-0299	EA		180 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan (Broan® 509)	287.05	45.79
23 34 16 00-0300	EA		270 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan (Broan® 508)	386.77	45.79
23 34 16 00-0301	EA		360 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan With Motorized Door (Broan® 12C)	681.96	45.79
23 34 16 00-0302			Exhaust Fan Accessories (23 34 16 00-0243)		
23 34 16 00-0303			Exhaust Fan Controls (23 34 16 00-0302)		
23 34 16 00-0304	EA		Electronic Variable Speed Control Dial, Single Gang, Exhaust Fan Controls (Broan® 57)	180.95	28.62
23 34 16 00-0305	EA		60-Minute Time Control Dial, Single Gang, Exhaust Fan Controls (Broan® 59)	125.28	28.62
23 34 16 00-0306	EA		60-Minute Time Control Dial With Rocker Switch, Double Gang, Exhaust Fan Controls (Broan® 61)	126.60	28.62
23 34 16 00-0307			Roof And Wall Caps For Exhaust Fans (23 34 16 00-0302)		
23 34 16 00-0308			Wall Caps For Exhaust Fans (23 34 16 00-0307)		
23 34 16 00-0309	EA		Aluminum Wall Cap For Up To 12" Duct, Installed On Exterior Walls (Broan® 613)	291.11	59.57
23 34 16 00-0310	EA		Aluminum Wall Cap For Up To 18" Duct, Installed On Exterior Walls (Broan® 643)	295.50	59.57
23 34 16 00-0311			Roof Caps For Exhaust Fans (23 34 16 00-0307) Note: Includes flashing and built in bird screen.		
23 34 16 00-0312	EA		Aluminum Roof Cap For Up To 8" Duct, Installed On Flat Roofs (Broan® 611)	245.88	59.57
23 34 16 00-0313	EA		Aluminum Roof Cap For Up To 12" Duct, Installed On Flat Roofs (Broan® 612)	359.70	59.57
23 34 16 00-0314	EA		CRCQ Steel Roof Cap For Up To 4" Duct, Installed On Sloped Roofs (Broan® 636)	158.38	59.57
23 34 16 00-0315	EA		CRCQ Steel Roof Cap For Up To 8" Duct, Installed On Sloped Roofs (Broan® 634)	192.53	59.57
23 34 16 00-0316			Removal And Reinstallation Of Light Duty Ceiling Exhaust Fan (23 34 16 00-0243) Note: Includes storage and cleaning.		
23 34 16 00-0317	EA		Removal And Reinstallation Of Light Duty Ceiling Exhaust Fan	82.30	
23 34 23			HVAC Power Ventilators (23 34)		
23 34 23 00-0001			Power Roof Ventilators (23 34 23)		
23 34 23 00-0002			Direct Drive, Aluminum, Centrifugal Roof Exhausters (23 34 23 00-0001) Note: Greenheck G.		

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 34 HVAC Fans**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 34 23 00-0003	EA 1/25 HP, 310 CFM At 1/4" Static Pressure, 17" x 17" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster.....	635.11	156.92
	Note: Three speed motor.		
	For 12" Roof Curb, Add	202.23	
	For Backdraft Damper, Add	125.39	
	For Solid State Speed Control, Add	105.00	
	For Damper Motor, Add	217.51	
23 34 23 00-0004	EA 1/8 HP, 863 CFM At 1/4" Static Pressure, 17" x 17" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster.....	695.35	177.76
	Note: Three speed motor.		
	For 12" Roof Curb, Add	202.23	
	For Backdraft Damper, Add	125.39	
	For Solid State Speed Control, Add	105.00	
	For Damper Motor, Add	217.51	
23 34 23 00-0005	EA 1/6 HP, 1,213 CFM At 1/4" Static Pressure, 19" x 19" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster.....	998.37	207.40
	For 12" Roof Curb, Add	207.79	
	For Backdraft Damper, Add	135.10	
	For Solid State Speed Control, Add	105.00	
	For Damper Motor, Add	217.51	
23 34 23 00-0006	EA 1/4 HP, 1,374 CFM At 1/4" Static Pressure, 19" x 19" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster.....	1,028.07	233.73
	For 12" Roof Curb, Add	207.79	
	For Backdraft Damper, Add	135.10	
	For Solid State Speed Control, Add	105.00	
	For Damper Motor, Add	217.51	
23 34 23 00-0007	EA 1/3 HP, 1,905 CFM At 1/4" Static Pressure, 22" x 22" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster.....	1,322.38	257.87
	For Solid State Speed Control, Add	105.00	
	For Damper Motor, Add	217.51	
23 34 23 00-0008	EA 1/2 HP, 3,072 CFM At 1/4" Static Pressure, 22" x 22" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster.....	1,499.64	274.33
	For 12" Roof Curb, Add	217.07	
	For Backdraft Damper, Add	153.33	
	For Solid State Speed Control, Add	162.50	
	For Damper Motor, Add	217.51	
23 34 23 00-0009	Belt Drive, Aluminum, Centrifugal Roof Exhausters (23 34 23 00-0001)		
	Note: Greenheck GB.		
23 34 23 00-0010	EA 1/4 HP, 1,556 CFM At 1/4" Static Pressure, 19" x 19" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster.....	1,462.89	233.73
	For 12" Roof Curb, Add	207.79	
	For Backdraft Damper, Add	135.10	
	For Damper Motor, Add	217.51	
23 34 23 00-0011	EA 1/3 HP, 1,966 CFM At 1/4" Static Pressure, 22" x 22" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster.....	1,596.57	297.38
	For 12" Roof Curb, Add	217.07	
	For Backdraft Damper, Add	153.33	
	For Damper Motor, Add	217.51	
23 34 23 00-0012	EA 1/2 HP, 2,943 CFM At 1/4" Static Pressure, 22" x 22" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster.....	2,168.91	354.44
	For 12" Roof Curb, Add	217.07	
	For Backdraft Damper, Add	153.33	
	For Damper Motor, Add	217.51	
23 34 23 00-0013	EA 3/4 HP, 4,289 CFM At 1/4" Static Pressure, 30" x 30" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster.....	2,768.41	438.94
	For 12" Roof Curb, Add	261.58	
	For Backdraft Damper, Add	190.65	
	For Damper Motor, Add	217.51	
23 34 23 00-0014	EA 1 HP, 6,157 CFM At 1/4" Static Pressure, 34" x 34" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster.....	3,656.31	548.66
	For 12" Roof Curb, Add	281.99	
	For Backdraft Damper, Add	206.75	
	For Damper Motor, Add	217.51	
23 34 23 00-0015	EA 1-1/2 HP, 8,906 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster.....	5,305.69	685.83
	For 12" Roof Curb, Add	313.52	
	For Backdraft Damper, Add	229.21	
	For Damper Motor, Add	217.51	
23 34 23 00-0016	EA 2 HP, 10,059 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster.....	5,350.21	685.83
	For 12" Roof Curb, Add	313.52	
	For Backdraft Damper, Add	229.21	
	For Damper Motor, Add	217.51	
23 34 23 00-0017	EA 3 HP, 11,703 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster.....	5,830.60	685.83
	For 12" Roof Curb, Add	313.52	
	For Backdraft Damper, Add	229.21	
	For Damper Motor, Add	217.51	
23 34 23 00-0018	EA 5 HP, 13,897 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster.....	5,293.89	685.83
	For 12" Roof Curb, Add	313.52	
	For Backdraft Damper, Add	229.21	
	For Damper Motor, Add	217.51	
23 34 23 00-0019	Propeller Exhaust Fans, Roof Mounted Upblast (23 34 23 00-0001)		
	Note: Includes back draft damper and birdscreen and curb.		
23 34 23 00-0020	EA 30,300 CFM Belt Drive 5 HP Propeller Exhaust Fan, Roof Mounted, 3/8" Static Pressure	8,175.57	843.84
23 34 23 00-0021	EA 36,000 CFM Belt Drive 15 HP Propeller Exhaust Fan, Roof Mounted, 1/2" Static Pressure	13,448.38	1,097.00
23 34 23 00-0022	Belt Drive Supply Fans (23 34 23 00-0001)		
23 34 23 00-0023	EA 4,500 CFM, 24" x 24" Supply Fan, Roof Mounted	3,211.85	438.16
23 34 23 00-0024	EA 10,000 CFM, 36" x 36" Supply Fan, Roof Mounted	4,348.58	548.56
23 34 23 00-0025	Fan Thermostat (23 34 23 00-0001)		
23 34 23 00-0026	EA 50 To 120 Degree Line Voltage Fan Thermostat.....	139.30	
23 34 23 00-0027	Power Wall Ventilators (23 34 23)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 34 23 00-0028			Centrifugal Sidewall Exhausters (23 34 23 00-0027)		
23 34 23 00-0029			Direct Drive, Aluminum, Centrifugal Sidewall Exhauster (23 34 23 00-0028) Note: Greenheck CW.		
23 34 23 00-0030	EA		1/25 HP, 297 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster	830.10	176.67
			For Solid State Speed Control, Add	162.50	
			For Backdraft Damper, Add	169.65	
			For Damper Motor, Add	366.91	
			For Interior Wall Grill, Add	122.24	
23 34 23 00-0031	EA		1/8 HP, 861 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster	952.24	207.40
			For Solid State Speed Control, Add	162.50	
			For Backdraft Damper, Add	187.87	
			For Damper Motor, Add	366.91	
			For Interior Wall Grill, Add	145.59	
23 34 23 00-0032	EA		1/6 HP, 1,179 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster	1,430.06	233.73
			For Solid State Speed Control, Add	162.50	
			For Backdraft Damper, Add	212.46	
			For Damper Motor, Add	366.91	
			For Interior Wall Grill, Add	168.94	
23 34 23 00-0033			Belt Drive, Aluminum, Centrifugal Sidewall Exhausters (23 34 23 00-0028) Note: Greenheck CWB.		
23 34 23 00-0034	EA		1/4 HP, 1,633 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster	2,295.00	131.99
			For Solid State Speed Control, Add	162.50	
			For Backdraft Damper, Add	197.93	
			For Damper Motor, Add	366.91	
			For Interior Wall Grill, Add	257.21	
23 34 23 00-0035	EA		1/2 HP, 2,291 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster	2,424.74	148.64
			For Solid State Speed Control, Add	162.50	
			For Backdraft Damper, Add	197.93	
			For Damper Motor, Add	366.91	
			For Interior Wall Grill, Add	257.21	
23 34 23 00-0036	EA		3/4 HP, 3,646 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster	2,977.62	170.04
			For Solid State Speed Control, Add	162.50	
			For Backdraft Damper, Add	247.45	
			For Damper Motor, Add	366.91	
			For Interior Wall Grill, Add	299.11	
23 34 33			Air Curtains (23 34)		
23 34 33 00-0001			Unheated Air Curtains For Entrances (23 34 33)		
23 34 33 00-0002			Unheated Air Curtains, Standard Velocity (23 34 33 00-0001)		
23 34 33 00-0003	EA		Air Curtain For 3' x 8' - 10' Personnel Entrance, Unheated	2,329.83	804.34
			Note: Includes housing, mounting brackets and manual controls.		
			For Door Limit Switch, Combination Roller And Plunger, Add	194.38	
			For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	529.13	
			For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	393.07	
			For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	604.72	
			For Flat Side Extension Plates, Add	158.62	
			For Clearance Adjustable-Angle Mounting Bracket, Add	317.25	
			For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	380.70	
			For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	401.85	
23 34 33 00-0004	EA		Air Curtain For 3.5' x 8' - 10' Personnel Entrance, Unheated	2,362.49	804.34
			Note: Includes housing, mounting brackets and manual controls.		
			For Door Limit Switch, Combination Roller And Plunger, Add	194.38	
			For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	529.13	
			For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	393.07	
			For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	604.72	
			For Flat Side Extension Plates, Add	158.62	
			For Clearance Adjustable-Angle Mounting Bracket, Add	317.25	
			For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	380.70	
			For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	401.85	
23 34 33 00-0005	EA		Air Curtain For 4' x 8' - 10' Personnel Entrance, Unheated	2,397.88	804.34
			Note: Includes housing, mounting brackets and manual controls.		
			For Door Limit Switch, Combination Roller And Plunger, Add	194.38	
			For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	529.13	
			For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	393.07	
			For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	604.72	
			For Flat Side Extension Plates, Add	158.62	
			For Clearance Adjustable-Angle Mounting Bracket, Add	317.25	
			For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	380.70	
			For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	401.85	
23 34 33 00-0006	EA		Air Curtain For 5' x 8' - 10' Personnel Entrance, Unheated	2,983.11	804.34
			Note: Includes housing, mounting brackets and manual controls.		
			For Door Limit Switch, Combination Roller And Plunger, Add	194.38	
			For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	529.13	
			For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	393.07	
			For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	604.72	
			For Flat Side Extension Plates, Add	158.62	
			For Clearance Adjustable-Angle Mounting Bracket, Add	317.25	
			For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	380.70	
			For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	401.85	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 34 HVAC Fans**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 34 33 00-0007	EA	Air Curtain For 6' x 8' - 10' Personnel Entrance, Unheated.....	3,384.84	965.64
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	194.38	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	529.13	
		For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	393.07	
		For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	604.72	
		For Flat Side Extension Plates, Add	158.62	
		For Clearance Adjustable-Angle Mounting Bracket, Add	317.25	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	380.70	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	401.85	
23 34 33 00-0008	EA	Air Curtain For 7' x 8' - 10' Personnel Entrance, Unheated.....	3,588.99	965.64
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	194.38	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	529.13	
		For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	393.07	
		For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	604.72	
		For Flat Side Extension Plates, Add	158.62	
		For Clearance Adjustable-Angle Mounting Bracket, Add	317.25	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	380.70	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	401.85	
23 34 33 00-0009	EA	Air Curtain For 8' x 8' - 10' Personnel Entrance, Unheated.....	3,977.40	1,113.79
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	194.38	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	529.13	
		For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	393.07	
		For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	604.72	
		For Flat Side Extension Plates, Add	158.62	
		For Clearance Adjustable-Angle Mounting Bracket, Add	317.25	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	380.70	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	401.85	
23 34 33 00-0010	EA	Air Curtain For 9' x 8' - 10' Personnel Entrance, Unheated.....	4,792.64	1,113.79
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	194.38	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	529.13	
		For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	393.07	
		For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	604.72	
		For Flat Side Extension Plates, Add	158.62	
		For Clearance Adjustable-Angle Mounting Bracket, Add	317.25	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	380.70	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	401.85	
23 34 33 00-0011	EA	Air Curtain For 10' x 8' - 10' Personnel Entrance, Unheated.....	4,896.08	1,113.79
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	194.38	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	529.13	
		For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	393.07	
		For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	604.72	
		For Flat Side Extension Plates, Add	158.62	
		For Clearance Adjustable-Angle Mounting Bracket, Add	317.25	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	380.70	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	401.85	
23 34 33 00-0012	EA	Air Curtain For 12' x 8' - 10' Personnel Entrance, Unheated.....	5,171.00	1,113.79
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	194.38	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	529.13	
		For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	393.07	
		For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	604.72	
		For Flat Side Extension Plates, Add	158.62	
		For Clearance Adjustable-Angle Mounting Bracket, Add	317.25	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	380.70	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	401.85	
23 34 33 00-0013		Unheated Air Curtains, High Velocity (23 34 33 00-0001)		
23 34 33 00-0014	EA	High Velocity Air Curtain For 3' x 10' - 12' Entrance, Unheated.....	2,871.50	804.34
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	194.38	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	317.25	
		For Flat Side Extension Plates, Add	158.62	
		For Clearance Adjustable-Angle Mounting Bracket, Add	317.25	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	380.70	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	401.85	
23 34 33 00-0015	EA	High Velocity Air Curtain For 3.5' x 10' - 12' Entrance, Unheated.....	2,913.69	804.34
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	194.38	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	317.25	
		For Flat Side Extension Plates, Add	158.62	
		For Clearance Adjustable-Angle Mounting Bracket, Add	317.25	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	380.70	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	401.85	
23 34 33 00-0016	EA	High Velocity Air Curtain For 4' x 10' - 12' Entrance, Unheated.....	2,931.39	804.34
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	194.38	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	317.25	
		For Flat Side Extension Plates, Add	158.62	
		For Clearance Adjustable-Angle Mounting Bracket, Add	317.25	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	380.70	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	401.85	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0017	EA		High Velocity Air Curtain For 5' x 10' - 12' Entrance, Unheated..... Note: Includes housing, mounting brackets and manual controls. For Door Limit Switch, Combination Roller And Plunger, Add For Industrial Floor-Mounted Magnetic Reed Switch Only, Add For Flat Side Extension Plates, Add For Clearance Adjustable-Angle Mounting Bracket, Add For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	2,965.41 194.38 317.25 158.62 317.25 380.70 401.85	804.34
23 34 33 00-0018	EA		High Velocity Air Curtain For 6' x 10' - 12' Entrance, Unheated..... Note: Includes housing, mounting brackets and manual controls. For Door Limit Switch, Combination Roller And Plunger, Add For Industrial Floor-Mounted Magnetic Reed Switch Only, Add For Flat Side Extension Plates, Add For Clearance Adjustable-Angle Mounting Bracket, Add For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	4,626.07 194.38 317.25 158.62 317.25 380.70 401.85	965.64
23 34 33 00-0019	EA		High Velocity Air Curtain For 7' x 10' - 12' Entrance, Unheated..... Note: Includes housing, mounting brackets and manual controls. For Door Limit Switch, Combination Roller And Plunger, Add For Industrial Floor-Mounted Magnetic Reed Switch Only, Add For Flat Side Extension Plates, Add For Clearance Adjustable-Angle Mounting Bracket, Add For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	4,835.67 194.38 317.25 158.62 317.25 380.70 401.85	965.64
23 34 33 00-0020	EA		High Velocity Air Curtain For 8' x 10' - 12' Entrance, Unheated..... Note: Includes housing, mounting brackets and manual controls. For Door Limit Switch, Combination Roller And Plunger, Add For Industrial Floor-Mounted Magnetic Reed Switch Only, Add For Flat Side Extension Plates, Add For Clearance Adjustable-Angle Mounting Bracket, Add For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	5,146.50 194.38 317.25 158.62 317.25 380.70 401.85	1,113.79
23 34 33 00-0021	EA		High Velocity Air Curtain For 9' x 10' - 12' Entrance, Unheated..... Note: Includes housing, mounting brackets and manual controls. For Door Limit Switch, Combination Roller And Plunger, Add For Industrial Floor-Mounted Magnetic Reed Switch Only, Add For Flat Side Extension Plates, Add For Clearance Adjustable-Angle Mounting Bracket, Add For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	5,871.91 194.38 317.25 158.62 317.25 380.70 401.85	1,113.79
23 34 33 00-0022	EA		High Velocity Air Curtain For 10' x 10' - 12' Entrance, Unheated..... Note: Includes housing, mounting brackets and manual controls. For Door Limit Switch, Combination Roller And Plunger, Add For Industrial Floor-Mounted Magnetic Reed Switch Only, Add For Flat Side Extension Plates, Add For Clearance Adjustable-Angle Mounting Bracket, Add For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	5,948.13 194.38 317.25 158.62 317.25 380.70 401.85	1,113.79
23 34 33 00-0023	EA		High Velocity Air Curtain For 12' x 10' - 12' Entrance, Unheated..... Note: Includes housing, mounting brackets and manual controls. For Door Limit Switch, Combination Roller And Plunger, Add For Industrial Floor-Mounted Magnetic Reed Switch Only, Add For Flat Side Extension Plates, Add For Clearance Adjustable-Angle Mounting Bracket, Add For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	6,244.83 194.38 317.25 158.62 317.25 380.70 401.85	1,113.79
23 34 33 00-0024			Service Window Unheated Air Curtains (23 34 33 00-0001) Note: Normal window sizes.		
23 34 33 00-0025	EA		Air Curtain For 2.5' x 5' Service Window, Unheated..... Note: Includes housing, mounting brackets and manual controls. For Door Limit Switch, Combination Roller And Plunger, Add For Flat Side Extension Plates, Add For Clearance Adjustable-Angle Mounting Bracket, Add For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	2,107.01 194.38 158.62 317.25 380.70 401.85	634.26
23 34 33 00-0026			Heated Air Curtains For Entrances (23 34 33) Note: Includes housing, mounting brackets and manual controls.		
23 34 33 00-0027	EA		60" Heated Air Curtain With 1- 300 MBH Heater..... For Door Limit Switch, Combination Roller And Plunger, Add For Flat Side Extension Plates, Add For Clearance Adjustable-Angle Mounting Bracket, Add For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	3,898.71 194.38 158.62 317.25 380.70 401.85	708.33
23 34 33 00-0028	EA		60" Heated Air Curtain With 1- 400 MBH Heater..... For Door Limit Switch, Combination Roller And Plunger, Add For Flat Side Extension Plates, Add For Clearance Adjustable-Angle Mounting Bracket, Add For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	4,229.60 194.38 158.62 317.25 380.70 401.85	708.33
23 34 33 00-0029	EA		72" Heated Air Curtain With 1- 350 MBH Heater..... For Door Limit Switch, Combination Roller And Plunger, Add For Flat Side Extension Plates, Add For Clearance Adjustable-Angle Mounting Bracket, Add For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	4,677.75 194.38 158.62 317.25 380.70 401.85	849.88

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 34 HVAC Fans**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 34 33 00-0030	EA	72" Heated Air Curtain With 2- 250 MBH Heaters	5,074.82	849.88
		<i>For Door Limit Switch, Combination Roller And Plunger, Add</i>	194.38	
		<i>For Flat Side Extension Plates, Add</i>	158.62	
		<i>For Clearance Adjustable-Angle Mounting Bracket, Add</i>	317.25	
		<i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	380.70	
		<i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	401.85	
23 34 33 00-0031	EA	96" Heated Air Curtain With 1- 400 MBH Heater	6,236.06	1,132.99
		<i>For Door Limit Switch, Combination Roller And Plunger, Add</i>	194.38	
		<i>For Flat Side Extension Plates, Add</i>	158.62	
		<i>For Clearance Adjustable-Angle Mounting Bracket, Add</i>	317.25	
		<i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	380.70	
		<i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	401.85	
23 34 33 00-0032	EA	96" Heated Air Curtain With 2- 350 MBH Heaters	6,765.49	1,132.99
		<i>For Door Limit Switch, Combination Roller And Plunger, Add</i>	194.38	
		<i>For Flat Side Extension Plates, Add</i>	158.62	
		<i>For Clearance Adjustable-Angle Mounting Bracket, Add</i>	317.25	
		<i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	380.70	
		<i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	401.85	
23 34 33 00-0033	EA	117" Heated Air Curtain With 2- 300 MBH Heaters	7,599.21	1,380.44
		<i>For Door Limit Switch, Combination Roller And Plunger, Add</i>	194.38	
		<i>For Flat Side Extension Plates, Add</i>	158.62	
		<i>For Clearance Adjustable-Angle Mounting Bracket, Add</i>	317.25	
		<i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	380.70	
		<i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	401.85	
23 34 33 00-0034	EA	117" Heated Air Curtain With 2- 400 MBH Heaters	8,244.45	1,380.44
		<i>For Door Limit Switch, Combination Roller And Plunger, Add</i>	194.38	
		<i>For Flat Side Extension Plates, Add</i>	158.62	
		<i>For Clearance Adjustable-Angle Mounting Bracket, Add</i>	317.25	
		<i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	380.70	
		<i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	401.85	
23 34 33 00-0035	EA	147" Heated Air Curtain With 2- 350 MBH Heaters	9,548.34	1,734.32
		<i>For Door Limit Switch, Combination Roller And Plunger, Add</i>	194.38	
		<i>For Flat Side Extension Plates, Add</i>	158.62	
		<i>For Clearance Adjustable-Angle Mounting Bracket, Add</i>	317.25	
		<i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	380.70	
		<i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	401.85	
23 34 33 00-0036	EA	147" Heated Air Curtain With 3- 350 MBH Heaters	11,153.18	1,734.32
		<i>For Door Limit Switch, Combination Roller And Plunger, Add</i>	194.38	
		<i>For Flat Side Extension Plates, Add</i>	158.62	
		<i>For Clearance Adjustable-Angle Mounting Bracket, Add</i>	317.25	
		<i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	380.70	
		<i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	401.85	
23 34 33 00-0037	EA	168" Heated Air Curtain With 2- 400 MBH Heaters	10,913.11	1,982.32
		<i>For Door Limit Switch, Combination Roller And Plunger, Add</i>	194.38	
		<i>For Flat Side Extension Plates, Add</i>	158.62	
		<i>For Clearance Adjustable-Angle Mounting Bracket, Add</i>	317.25	
		<i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	380.70	
		<i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	401.85	
23 34 33 00-0038	EA	168" Heated Air Curtain With 3- 400 MBH Heaters	12,746.81	1,982.32
		<i>For Door Limit Switch, Combination Roller And Plunger, Add</i>	194.38	
		<i>For Flat Side Extension Plates, Add</i>	158.62	
		<i>For Clearance Adjustable-Angle Mounting Bracket, Add</i>	317.25	
		<i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	380.70	
		<i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	401.85	
23 34 33 00-0039	EA	192" Heated Air Curtain With 2- 400 MBH Heaters	12,468.39	2,265.43
		<i>For Door Limit Switch, Combination Roller And Plunger, Add</i>	194.38	
		<i>For Flat Side Extension Plates, Add</i>	158.62	
		<i>For Clearance Adjustable-Angle Mounting Bracket, Add</i>	317.25	
		<i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	380.70	
		<i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	401.85	
23 34 33 00-0040	EA	192" Heated Air Curtain With 4- 350 MBH Heaters	14,564.05	2,265.43
		<i>For Door Limit Switch, Combination Roller And Plunger, Add</i>	194.38	
		<i>For Flat Side Extension Plates, Add</i>	158.62	
		<i>For Clearance Adjustable-Angle Mounting Bracket, Add</i>	317.25	
		<i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	380.70	
		<i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	401.85	

23 35 Special Exhaust Systems (23 30)

See CSI section 23 31 13 16-0075 for spiral duct/piping.

23 35 13 Dust Collection Systems (23 35)**23 35 13 13 Sawdust Collection Systems** (23 35 13)**23 35 13 13-0001 Dust Collector System** (23 35 13 13)

23 35 13 13-0002	EA	1.5 HP Dust Collector Central Vacuum Unit	4,364.82	951.29
		Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.		
23 35 13 13-0003	EA	2 HP Dust Collector Central Vacuum Unit	4,891.66	1,129.65
		Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.		
23 35 13 13-0004	EA	2-1/2 HP Dust Collector Central Vacuum Unit	5,878.52	1,308.01
		Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.		
23 35 13 13-0005	EA	3 HP Dust Collector Central Vacuum Unit	6,703.54	1,545.84
		Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.		
23 35 13 13-0006	EA	5 HP Dust Collector Central Vacuum Unit	14,152.28	1,753.51
		Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.		
23 35 13 13-0007	EA	7-1/2 HP Dust Collector Central Vacuum Unit	17,172.29	2,045.77
		Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.		
23 35 13 13-0008	EA	10 HP Dust Collector Central Vacuum Unit	19,670.38	2,338.03
		Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 35 13 13-0009 EA 15 HP Dust Collector Central Vacuum Unit..... Note: Includes fan bower, stand, cyclone, filter, silencer and two 55 gallon fiber drum dust bin.	22,116.71	2,688.73
23 35 13 13-0010 EA 20 HP Dust Collector Central Vacuum Unit..... Note: Includes fan bower, stand, cyclone, filter, silencer and two 55 gallon fiber drum dust bin.	24,678.02	3,039.43
23 35 13 13-0011 Vacuum Tubing And Accessories (23 35 13 13)		
23 35 13 13-0012 Vacuum Tubing (23 35 13 13-0011)		
23 35 13 13-0013 Flexible Hose (23 35 13 13-0012)		
23 35 13 13-0014 LF 2" Flexible Hose.....	12.36	1.97
23 35 13 13-0015 LF 3" Flexible Hose.....	14.80	2.20
23 35 13 13-0016 LF 4" Flexible Hose.....	16.07	2.42
23 35 13 13-0017 Galvanized Vacuum Tubing (23 35 13 13-0012)		
23 35 13 13-0018 LF 2-1/8" Outside Diameter Vacuum Tubing, Galvanized.....	10.24	1.97
23 35 13 13-0019 LF 2-1/2" Outside Diameter Vacuum Tubing, Galvanized.....	11.46	2.09
23 35 13 13-0020 LF 3" Outside Diameter Vacuum Tubing, Galvanized.....	13.62	2.20
23 35 13 13-0021 LF 3-1/2" Outside Diameter Vacuum Tubing, Galvanized.....	17.71	2.31
23 35 13 13-0022 LF 4" Outside Diameter Vacuum Tubing, Galvanized.....	18.22	2.42
23 35 13 13-0023 LF 5" Outside Diameter Vacuum Tubing, Galvanized.....	30.08	2.74
23 35 13 13-0024 LF 6" Outside Diameter Vacuum Tubing, Galvanized.....	33.91	3.18
23 35 13 13-0025 LF 8" Outside Diameter Vacuum Tubing, Galvanized.....	45.87	4.39
23 35 13 13-0026 LF 10" Outside Diameter Vacuum Tubing, Galvanized.....	53.75	5.49
23 35 13 13-0027 LF 12" Outside Diameter Vacuum Tubing, Galvanized.....	133.59	7.24
23 35 13 13-0028 Vacuum Fittings, Galvanized (23 35 13 13-0011)		
23 35 13 13-0029 90 Degree Elbow (23 35 13 13-0028)		
23 35 13 13-0030 EA 2-1/8" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	51.61	12.62
23 35 13 13-0031 EA 2-1/2" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	63.70	13.50
23 35 13 13-0032 EA 3" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	79.26	14.71
23 35 13 13-0033 EA 3-1/2" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	93.41	15.91
23 35 13 13-0034 EA 4" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	111.18	17.56
23 35 13 13-0035 EA 5" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	183.05	19.53
23 35 13 13-0036 EA 6" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	242.66	21.95
23 35 13 13-0037 EA 8" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	434.77	29.29
23 35 13 13-0038 45 Degree Elbow (23 35 13 13-0028)		
23 35 13 13-0039 EA 2-1/8" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	48.40	12.62
23 35 13 13-0040 EA 2-1/2" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	61.06	13.50
23 35 13 13-0041 EA 3" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	70.40	14.71
23 35 13 13-0042 EA 3-1/2" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	83.42	15.91
23 35 13 13-0043 EA 4" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	101.94	17.56
23 35 13 13-0044 EA 5" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	151.00	19.53
23 35 13 13-0045 EA 6" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	195.53	21.95
23 35 13 13-0046 EA 8" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	355.58	29.29
23 35 13 13-0047 Wye (23 35 13 13-0028)		
23 35 13 13-0048 EA 2-1/8" Wye, Vacuum Tubing, Galvanized.....	93.48	20.85
23 35 13 13-0049 EA 2-1/2" Wye, Vacuum Tubing, Galvanized.....	112.02	22.49
23 35 13 13-0050 EA 3" Wye, Vacuum Tubing, Galvanized.....	136.37	24.14
23 35 13 13-0051 EA 3-1/2" Wye, Vacuum Tubing, Galvanized.....	165.42	26.89
23 35 13 13-0052 EA 4" Wye, Vacuum Tubing, Galvanized.....	219.82	29.08
23 35 13 13-0053 EA 5" Wye, Vacuum Tubing, Galvanized.....	369.78	32.37
23 35 13 13-0054 EA 6" Wye, Vacuum Tubing, Galvanized.....	489.31	36.76
23 35 13 13-0055 EA 8" Wye, Vacuum Tubing, Galvanized.....	963.62	40.05
23 35 13 13-0056 EA 10" Wye, Vacuum Tubing, Galvanized.....	1,333.39	43.89
23 35 13 13-0057 EA 12" Wye, Vacuum Tubing, Galvanized.....	1,683.89	49.16
23 35 13 13-0058 Reducer (23 35 13 13-0028)		
23 35 13 13-0059 EA 3" Reducer, Vacuum Tubing, Galvanized.....	53.42	14.71
23 35 13 13-0060 EA 4" Reducer, Vacuum Tubing, Galvanized.....	59.37	15.91
23 35 13 13-0061 EA 5" Reducer, Vacuum Tubing, Galvanized.....	74.76	17.56
23 35 13 13-0062 EA 6" Reducer, Vacuum Tubing, Galvanized.....	80.70	19.53
23 35 13 13-0063 EA 8" Reducer, Vacuum Tubing, Galvanized.....	94.33	21.95
23 35 13 13-0064 Air Gate Valve, Galvanized (23 35 13 13-0011)		
23 35 13 13-0065 EA 2-1/8" Air Gate Valve, Vacuum Tubing, Galvanized.....	363.27	29.29
23 35 13 13-0066 EA 2-1/2" Air Gate Valve, Vacuum Tubing, Galvanized.....	380.58	31.27
23 35 13 13-0067 EA 3" Air Gate Valve, Vacuum Tubing, Galvanized.....	437.05	33.69
23 35 13 13-0068 EA 3-1/2" Air Gate Valve, Vacuum Tubing, Galvanized.....	497.67	35.99
23 35 13 13-0069 EA 4" Air Gate Valve, Vacuum Tubing, Galvanized.....	560.87	38.19
23 35 13 13-0070 EA 5" Air Gate Valve, Vacuum Tubing, Galvanized.....	662.17	43.56
23 35 13 13-0071 EA 6" Air Gate Valve, Vacuum Tubing, Galvanized.....	762.52	48.83

23 35 16 Engine Exhaust Systems (23 35)

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 35 Special Exhaust Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
23 35 16 16 Mechanical Engine Exhaust Systems (23 35 16)

23 35 16 16-0001	EA	Overhead Tailpipe Exhaust System (23 35 16 16)		
23 35 16 16-0002	EA	Overhead Tailpipe Exhaust Blowers (23 35 16 16-0001)		
23 35 16 16-0003	EA	Overhead Direct Drive Tailpipe Exhaust Blowers (23 35 16 16-0002)		
23 35 16 16-0004	EA	495 CFM 1/3 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System.....	3,598.76	233.73
23 35 16 16-0005	EA	1,445 CFM 3/4 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System.....	4,142.15	477.34
23 35 16 16-0006	EA	1,840 CFM 1-1/2 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System.....	5,774.64	578.30

23 35 16 16-0007 Overhead Belt Drive Tailpipe Exhaust Blowers (23 35 16 16-0002)

23 35 16 16-0008	EA	1,400 CFM 1 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System.....	4,025.88	477.34
23 35 16 16-0009	EA	2,023 CFM 1-1/2 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System.....	4,281.07	578.30
23 35 16 16-0010	EA	2,750 CFM 2 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System.....	5,099.95	915.17
23 35 16 16-0011	EA	4,400 CFM 3 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System.....	6,234.65	1,180.72
23 35 16 16-0012	EA	7,060 CFM 5 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System.....	7,888.44	1,406.77

23 35 16 16-0013 Spiral Exhaust Duct Accessories (23 35 16 16-0001)**23 35 16 16-0014 Flex Hose x Length (23 35 16 16-0013)**

Note: Includes duct coupler, damper and tailpipe adapter.

23 35 16 16-0015	EA	3" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter.....	162.38	58.16
23 35 16 16-0016	EA	3" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter.....	140.98	58.16
23 35 16 16-0017	EA	4" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter.....	249.81	92.18
23 35 16 16-0018	EA	4" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter.....	214.05	92.18
23 35 16 16-0019	EA	5" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter.....	358.71	145.95
23 35 16 16-0020	EA	5" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter.....	345.91	145.95
23 35 16 16-0021	EA	6" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter.....	550.35	231.54
23 35 16 16-0022	EA	6" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter.....	523.43	231.54

23 35 16 16-0023 Flex Hose With Duct Coupler, Damper And Diesel Exhaust Adapter (23 35 16 16-0013)

23 35 16 16-0024	EA	4" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter.....	179.45	58.16
23 35 16 16-0025	EA	5" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter.....	262.27	92.18
23 35 16 16-0026	EA	4" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter.....	154.80	58.16
23 35 16 16-0027	EA	5" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter.....	225.70	92.18
23 35 16 16-0028	EA	6" x 25' High Pressure, Stainless Steel Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter.....	1,313.53	78.35
23 35 16 16-0029	EA	8" x 15' Heat-Resistant Fabric Flex Hose (650 Degree F.) With Duct Coupler, Damper And Tail-Pipe Adapter.....	1,168.02	143.75
23 35 16 16-0030	EA	10" x 15' Heat-Resistant Fabric Flex Hose (650 Degree F.) With Duct Coupler, Damper And Tail-Pipe Adapter.....	1,283.93	143.75
23 35 16 16-0031	LF	8" Heat-Resistant Fabric Flex Hose (650 Degree F.).....	62.46	11.19
23 35 16 16-0032	LF	10" Heat-Resistant Fabric Flex Hose (650 Degree F.).....	69.58	11.19

23 35 16 16-0033 Flexible Hose (23 35 16 16-0013)

23 35 16 16-0034	LF	3" Stainless Steel Flexible Tubing.....	39.20	2.74
23 35 16 16-0035	LF	4" Stainless Steel Flexible Tubing.....	49.91	3.07
23 35 16 16-0036	LF	5" Stainless Steel Flexible Tubing.....	59.34	3.18
23 35 16 16-0037	LF	6" Stainless Steel Flexible Tubing.....	70.06	3.40
23 35 16 16-0038	LF	3" Galvanized Flexible Tubing.....	23.67	2.74
23 35 16 16-0039	LF	4" Galvanized Flexible Tubing.....	27.81	3.07
23 35 16 16-0040	LF	5" Galvanized Flexible Tubing.....	31.95	3.18
23 35 16 16-0041	LF	6" Galvanized Flexible Tubing.....	35.68	3.40

23 35 16 16-0042 Accessories (23 35 16 16-0001)

23 35 16 16-0043	EA	3" Tail Pipe Adapter.....	51.84	8.23
23 35 16 16-0044	EA	4" Tail Pipe Adapter.....	53.25	8.23
23 35 16 16-0045	EA	5" Tail Pipe Adapter.....	56.87	9.33
23 35 16 16-0046	EA	3" Bullnose (Guide).....	29.05	5.49
23 35 16 16-0047	EA	4" Bullnose (Guide).....	30.94	6.03
23 35 16 16-0048	EA	5" Bullnose (Guide).....	33.06	6.59
23 35 16 16-0049	EA	Flex-Hose Winch And Associated Hardware.....	219.65	62.22
23 35 16 16-0050	LF	Flex-Hose Winch Cable, 1/8" Galvanized Wire Rope.....	0.12	

23 35 19 Fume Exhaust Systems (23 35)

23 35 19 00-0001	EA	Fume Exhauster, 1 1/2 HP 630 CFM With Out Hose And Intake Nozzle.....	2,510.21	438.60
23 35 19 00-0002	EA	Hose Extension Kit 5'.....	403.92	97.44

23 36 Air Terminal Units (23 30)**23 36 13 Constant-Air-Volume Units (23 36)****23 36 13 00-0001 Vertical Units, With Electric Heating Coils (23 36 13)**

23 36 13 00-0002	EA	60 CFM Vertical Induction Unit, With Electric Heating Coils.....	1,685.92	150.95
23 36 13 00-0003	EA	90 CFM Vertical Induction Unit, With Electric Heating Coils.....	2,028.58	162.56
23 36 13 00-0004	EA	120 CFM Vertical Induction Unit, With Electric Heating Coils.....	2,164.34	168.38
23 36 13 00-0005	EA	150 CFM Vertical Induction Unit, With Electric Heating Coils.....	2,311.73	179.98
23 36 13 00-0006	EA	175 CFM Vertical Induction Unit, With Electric Heating Coils.....	2,608.13	185.79

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 36 13 00-007			Horizontal Units, With Electric Heating Coils <small>(23 36 13)</small>		
23 36 13 00-0008	EA		60 CFM Horizontal Induction Unit, With Electric Heating Coils	1,430.48	150.95
23 36 13 00-0009	EA		90 CFM Horizontal Induction Unit, With Electric Heating Coils	1,709.14	162.56
23 36 13 00-0010	EA		120 CFM Horizontal Induction Unit, With Electric Heating Coils	2,039.89	171.28

23 36 13 00-0011			Duct Boxes, Constant Volume Control <small>(23 36 13)</small>		
23 36 13 00-0012			Single Duct Boxes, Constant Volume Control <small>(23 36 13 00-0011)</small>		
23 36 13 00-0013	EA		4 - 6" Diameter Inlet, 50 - 240 CFM, Single Duct Boxes, Constant Volume Control	1,375.54	45.18
			<i>For Boxes With Motor, Add</i>	239.44	
23 36 13 00-0014	EA		6 - 8" Diameter Inlet, 100 - 480 CFM, Single Duct Boxes, Constant Volume Control	1,522.61	48.75
			<i>For Boxes With Motor, Add</i>	265.60	
23 36 13 00-0015	EA		7 - 10" Diameter Inlet, 150 - 720 CFM, Single Duct Boxes, Constant Volume Control	1,581.31	53.51
			<i>For Boxes With Motor, Add</i>	273.45	
23 36 13 00-0016	EA		9 - 12" Diameter Inlet, 200 - 960 CFM, Single Duct Boxes, Constant Volume Control	1,609.84	55.89
			<i>For Boxes With Motor, Add</i>	277.38	
23 36 13 00-0017	EA		12" Diameter Inlet, 250 - 1,200 CFM, Single Duct Boxes, Constant Volume Control	1,632.91	61.83
			<i>For Boxes With Motor, Add</i>	277.38	
23 36 13 00-0018	EA		14" Diameter Inlet, 350 - 1,680 CFM, Single Duct Boxes, Constant Volume Control	1,867.68	68.97
			<i>For Boxes With Motor, Add</i>	317.94	
23 36 13 00-0019	EA		16" Diameter Inlet, 450 - 2,160 CFM, Single Duct Boxes, Constant Volume Control	1,958.77	77.29
			<i>For Boxes With Motor, Add</i>	329.71	
23 36 13 00-0020	EA		20" x 16" Inlet, 550 - 2,640 CFM, Single Duct Boxes, Constant Volume Control	2,077.06	92.75
			<i>For Boxes With Motor, Add</i>	341.61	
23 36 13 00-0021	EA		24" x 16" Inlet, 650 - 3,120 CFM, Single Duct Boxes, Constant Volume Control	2,194.41	107.02
			<i>For Boxes With Motor, Add</i>	353.27	

23 36 13 00-0022			Dual Duct Boxes, Constant Volume Control <small>(23 36 13 00-0011)</small>		
23 36 13 00-0023	EA		4 - 6" Diameter Inlet, 50 - 240 CFM, Dual Duct Boxes, Constant Volume Control	1,938.73	45.18
			<i>For Boxes With Motor, Add</i>	352.07	
23 36 13 00-0024	EA		6 - 8" Diameter Inlet, 100 - 480 CFM, Dual Duct Boxes, Constant Volume Control	2,073.81	48.75
			<i>For Boxes With Motor, Add</i>	375.84	
23 36 13 00-0025	EA		7 - 10" Diameter Inlet, 150 - 720 CFM, Dual Duct Boxes, Constant Volume Control	2,163.82	53.51
			<i>For Boxes With Motor, Add</i>	389.96	
23 36 13 00-0026	EA		9 - 12" Diameter Inlet, 200 - 960 CFM, Dual Duct Boxes, Constant Volume Control	2,254.44	55.89
			<i>For Boxes With Motor, Add</i>	406.30	
23 36 13 00-0027	EA		12" Diameter Inlet, 250 - 1,200 CFM, Dual Duct Boxes, Constant Volume Control	2,277.51	61.83
			<i>For Boxes With Motor, Add</i>	406.30	
23 36 13 00-0028	EA		14" Diameter Inlet, 350 - 1,680 CFM, Dual Duct Boxes, Constant Volume Control	2,617.72	70.16
			<i>For Boxes With Motor, Add</i>	467.95	
23 36 13 00-0029	EA		16" Diameter Inlet, 450 - 2,160 CFM, Dual Duct Boxes, Constant Volume Control	2,861.45	77.29
			<i>For Boxes With Motor, Add</i>	510.29	
23 36 13 00-0030	EA		20" x 16" Inlet, 550 - 2,640 CFM, Dual Duct Boxes, Constant Volume Control	3,080.15	92.75
			<i>For Boxes With Motor, Add</i>	542.22	
23 36 13 00-0031	EA		24" x 16" Inlet, 650 - 3,120 CFM, Dual Duct Boxes, Constant Volume Control	3,213.48	107.02
			<i>For Boxes With Motor, Add</i>	557.08	

23 36 16 Variable-Air-Volume Units (23 36)

23 36 16 00-0001			Variable Volume Terminal Unit <small>(23 36 16)</small>		
			Note: Includes flow controllers, insulated plenum, system powered box mounted thermostat.		
23 36 16 00-0002			Single Duct Variable Volume Terminal Unit <small>(23 36 16 00-0001)</small>		
			Note: Enclosure only. For mounting DDC controls.		
23 36 16 00-0003	EA		6" Diameter Inlet, 80 To 500 CFM, Variable Air Volume Box With Enclosure Only	591.43	54.70
			Note: For mounting DDC controls		
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0004	EA		8" Diameter Inlet, 145 To 900 CFM, Variable Air Volume Box With Enclosure Only	661.61	61.83
			Note: For mounting DDC controls		
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0005	EA		10" Diameter Inlet, 230 To 1,400 CFM, Variable Air Volume Box With Enclosure Only	736.28	68.97
			Note: For mounting DDC controls		
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0006	EA		12" Diameter Inlet, 325 To 2,000 CFM, Variable Air Volume Box With Enclosure Only	785.10	77.29
			Note: For mounting DDC controls		
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0007	EA		14" Diameter Inlet, 450 To 3,000 CFM, Variable Air Volume Box With Enclosure Only	1,083.86	166.36
			Note: For mounting DDC controls		
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0008	EA		16" Diameter Inlet, 580 To 4,000 CFM, Variable Air Volume Box With Enclosure Only	1,302.42	197.40
			Note: For mounting DDC controls		
			<i>For Filters And Frames, Add</i>	6.30	

23 36 16 00-0009			Single Duct Variable Volume Terminal Unit <small>(23 36 16 00-0001)</small>		
			Note: With pneumatic controls.		
23 36 16 00-0010	EA		6" Diameter Inlet, 80 - 500 CFM, Variable Air Volume Box With pneumatic controller	1,249.42	54.70
			<i>For Fan Powered Variable Air Volume Box, Add</i>	1,329.77	
			<i>For Hot Water Coils, Add</i>	419.00	
			<i>For Pressure Independent Actuator, Add</i>	67.57	
			<i>For Filters And Frames, Add</i>	6.30	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 36 Air Terminal Units



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 36 16 00-0011	EA		8" Diameter Inlet, 145 - 900 CFM, Variable Air Volume Box With pneumatic controller <i>For Fan Powered Variable Air Volume Box, Add</i> <i>For Hot Water Coils, Add</i> <i>For Pressure Independent Actuator, Add</i> <i>For Filters And Frames, Add</i>	1,350.47 1,424.10 447.90 67.57 6.30	61.83
23 36 16 00-0012	EA		10" Diameter Inlet, 230 - 1,400 CFM, Variable Air Volume Box With pneumatic controller <i>For Fan Powered Variable Air Volume Box, Add</i> <i>For Hot Water Coils, Add</i> <i>For Pressure Independent Actuator, Add</i> <i>For Filters And Frames, Add</i>	1,413.27 1,468.34 460.42 67.57 6.30	68.97
23 36 16 00-0013	EA		12" Diameter Inlet, 325 - 2,000 CFM, Variable Air Volume Box With pneumatic controller <i>For Fan Powered Variable Air Volume Box, Add</i> <i>For Hot Water Coils, Add</i> <i>For Pressure Independent Actuator, Add</i> <i>For Filters And Frames, Add</i>	1,473.97 1,509.66 471.98 67.57 6.30	77.29
23 36 16 00-0014	EA		14" Diameter Inlet, 450 To 3,000 CFM, Variable Air Volume Box With pneumatic controller <i>For Fan Powered Variable Air Volume Box, Add</i> <i>For Hot Water Coils, Add</i> <i>For Pressure Independent Actuator, Add</i> <i>For Filters And Frames, Add</i>	1,708.59 1,693.86 525.92 67.57 6.30	166.36
23 36 16 00-0015	EA		16" Diameter Inlet, 580 To 4,000 CFM, Variable Air Volume Box With pneumatic controller <i>For Fan Powered Variable Air Volume Box, Add</i> <i>For Hot Water Coils, Add</i> <i>For Pressure Independent Actuator, Add</i> <i>For Filters And Frames, Add</i>	1,979.41 1,836.01 561.56 67.57 6.30	197.40
23 36 16 00-0016 Single Duct Variable Volume Terminal Unit (23 36 16 00-0001)					
Note: With analog electronic controls.					
23 36 16 00-0017	EA		6" Diameter Inlet, 60 To 500 CFM, Variable Air Volume Box With Analog Electronic Controls <i>For Hot Water Coils, Add</i> <i>For Filters And Frames, Add</i>	2,068.94 751.32 6.30	54.70
23 36 16 00-0018	EA		8" Diameter Inlet, 105 To 900 CFM, Variable Air Volume Box With Analog Electronic Controls <i>For Hot Water Coils, Add</i> <i>For Filters And Frames, Add</i>	2,150.99 772.51 6.30	61.83
23 36 16 00-0019	EA		10" Diameter Inlet, 165 To 1,400 CFM, Variable Air Volume Box With Analog Electronic Controls..... <i>For Hot Water Coils, Add</i> <i>For Filters And Frames, Add</i>	2,225.66 789.85 6.30	68.97
23 36 16 00-0020	EA		12" Diameter Inlet, 235 To 2,000 CFM, Variable Air Volume Box With Analog Electronic Controls..... <i>For Hot Water Coils, Add</i> <i>For Filters And Frames, Add</i>	2,331.49 819.71 6.30	77.29
23 36 16 00-0021	EA		14" Diameter Inlet, 320 To 3,000 CFM, Variable Air Volume Box With Analog Electronic Controls..... <i>For Hot Water Coils, Add</i> <i>For Filters And Frames, Add</i>	2,568.49 874.61 6.30	166.36
23 36 16 00-0022	EA		16" Diameter Inlet, 420 To 4,000 CFM, Variable Air Volume Box With Analog Electronic Controls..... <i>For Hot Water Coils, Add</i> <i>For Filters And Frames, Add</i>	2,616.00 893.88 6.30	166.36
23 36 16 00-0023 Dual Duct Variable Volume Terminal Unit (23 36 16 00-0001)					
Note: With flow control installation, plenum system power box, thermostat.					
23 36 16 00-0024	EA		6" Diameter Inlet, 75 - 500 CFM, Variable Air Volume Box, Dual Duct..... <i>For Filters And Frames, Add</i>	1,415.81 6.30	108.09
23 36 16 00-0025	EA		8" Diameter Inlet, 200 - 700 CFM, Variable Air Volume Box, Dual Duct..... <i>For Filters And Frames, Add</i>	1,547.81 6.30	123.08
23 36 16 00-0026	EA		10" Diameter Inlet, 400 - 1,000 CFM, Variable Air Volume Box, Dual Duct..... <i>For Filters And Frames, Add</i>	1,656.35 6.30	139.01
23 36 16 00-0027	EA		12" Diameter Inlet, 600 - 1,400 CFM, Variable Air Volume Box, Dual Duct..... <i>For Filters And Frames, Add</i>	1,816.19 6.30	155.06
23 36 16 00-0028	EA		14" Diameter Inlet, 800 - 2,700 CFM, Variable Air Volume Box, Dual Duct..... <i>For Filters And Frames, Add</i>	2,041.41 6.30	178.36
23 36 16 00-0029	EA		16" Diameter Inlet, 1,000 - 3,500 CFM, Variable Air Volume Box, Dual Duct..... <i>For Filters And Frames, Add</i>	2,240.38 6.30	214.04
23 36 16 00-0030 Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-M) (23 36 16 00-0001)					
23 36 16 00-0031	EA		0 To 200 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-A)..... <i>For Filters And Frames, Add</i>	591.80 6.30	74.32
23 36 16 00-0032	EA		0 To 300 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-B)..... <i>For Filters And Frames, Add</i>	642.15 6.30	81.75
23 36 16 00-0033	EA		0 To 400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-C)..... <i>For Filters And Frames, Add</i>	693.94 6.30	89.18
23 36 16 00-0034	EA		0 To 700 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-D)..... <i>For Filters And Frames, Add</i>	747.26 6.30	96.61
23 36 16 00-0035	EA		0 To 1,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-E)..... <i>For Filters And Frames, Add</i>	802.26 6.30	104.04
23 36 16 00-0036	EA		0 To 1,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-F)..... <i>For Filters And Frames, Add</i>	859.01 6.30	111.48
23 36 16 00-0037	EA		0 To 1,100 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-G)..... <i>For Filters And Frames, Add</i>	922.50 6.30	118.91
23 36 16 00-0038	EA		0 To 1,900 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-H)..... <i>For Filters And Frames, Add</i>	983.51 6.30	126.34
23 36 16 00-0039	EA		0 To 2,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-J)..... <i>For Filters And Frames, Add</i>	1,046.72 6.30	133.77
23 36 16 00-0040	EA		0 To 3,800 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-K)..... <i>For Filters And Frames, Add</i>	1,112.25 6.30	141.20
23 36 16 00-0041	EA		0 To 5,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-L)..... <i>For Filters And Frames, Add</i>	1,180.31 6.30	148.64

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 36 16 00-0042	EA		0 To 5,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-M) <i>For Filters And Frames, Add</i>	1,251.03 6.30	156.07
23 36 16 00-0043	EA		0 To 6,700 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-N)..... <i>For Filters And Frames, Add</i>	1,324.63 6.30	163.50
23 36 16 00-0044	EA		0 To 10,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-P)..... <i>For Filters And Frames, Add</i>	1,394.65 6.30	170.93
23 36 16 00-0045	EA		0 To 15,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-R)..... <i>For Filters And Frames, Add</i>	1,474.14 6.30	178.36

23 37 Air Outlets and Inlets (23 30)
23 37 13 Diffusers, Registers, and Grilles (23 37)
23 37 13 13 Diffusers, Registers, and Grilles (23 37 13)
23 37 13 13-0001 Ceiling Diffusers (23 37 13 13)
23 37 13 13-0002 Ceiling Diffusers With Perforated Face (23 37 13 13-0001)

Note: Flush mount, aluminum construction, includes damper.

23 37 13 13-0003	EA		6" x 6" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper <i>For Steel Construction, Deduct</i> <i>For Surface Mount, Deduct</i> <i>For Diffuser Without Damper, Deduct</i> <i>For Stainless Steel, Add</i>	119.03 -8.68 -6.94 -11.57 144.68	15.46
23 37 13 13-0004	EA		8" x 8" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper <i>For Steel Construction, Deduct</i> <i>For Surface Mount, Deduct</i> <i>For Diffuser Without Damper, Deduct</i> <i>For Stainless Steel, Add</i>	131.89 -10.61 -8.49 -14.15 176.83	15.46
23 37 13 13-0005	EA		9" x 9" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper <i>For Steel Construction, Deduct</i> <i>For Surface Mount, Deduct</i> <i>For Diffuser Without Damper, Deduct</i> <i>For Stainless Steel, Add</i>	131.89 -10.61 -8.49 -14.15 176.83	15.46
23 37 13 13-0006	EA		10" x 10" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper <i>For Steel Construction, Deduct</i> <i>For Surface Mount, Deduct</i> <i>For Diffuser Without Damper, Deduct</i> <i>For Stainless Steel, Add</i>	158.46 -12.70 -10.16 -16.93 211.65	19.02
23 37 13 13-0007	EA		12" x 12" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper <i>For Steel Construction, Deduct</i> <i>For Surface Mount, Deduct</i> <i>For Diffuser Without Damper, Deduct</i> <i>For Stainless Steel, Add</i>	158.46 -12.70 -10.16 -16.93 211.65	17.83
23 37 13 13-0008	EA		16" x 16" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper <i>For Steel Construction, Deduct</i> <i>For Surface Mount, Deduct</i> <i>For Diffuser Without Damper, Deduct</i> <i>For Stainless Steel, Add</i>	182.04 -16.24 -12.99 -21.65 270.60	17.83
23 37 13 13-0009	EA		18" x 18" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper <i>For Steel Construction, Deduct</i> <i>For Surface Mount, Deduct</i> <i>For Diffuser Without Damper, Deduct</i> <i>For Stainless Steel, Add</i>	209.04 -17.46 -13.97 -23.28 290.95	23.79
23 37 13 13-0010	EA		20" x 20" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper <i>For Steel Construction, Deduct</i> <i>For Surface Mount, Deduct</i> <i>For Diffuser Without Damper, Deduct</i> <i>For Stainless Steel, Add</i>	242.61 -21.80 -17.44 -29.06 363.30	24.97
23 37 13 13-0011	EA		24" x 24" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper <i>For Steel Construction, Deduct</i> <i>For Surface Mount, Deduct</i> <i>For Lay-In Mount, Deduct</i> <i>For Diffuser Without Damper, Deduct</i> <i>For Stainless Steel, Add</i>	274.86 -24.24 -19.39 -19.39 -32.32 404.03	28.54

23 37 13 13-0012 Ceiling Diffusers With Louver Face (23 37 13 13-0001)

Note: 1 To 4 way adjustable pattern, surface mount aluminum construction.

23 37 13 13-0013	EA		6" x 6" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper <i>For Steel Construction, Deduct</i> <i>For Lay-In Mount, Add</i> <i>For Stainless Steel, Add</i>	123.32 -9.32 12.43 155.40	15.46
23 37 13 13-0014	EA		8" x 8" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper <i>For Steel Construction, Deduct</i> <i>For Lay-In Mount, Add</i> <i>For Stainless Steel, Add</i>	140.04 -11.83 15.78 197.20	15.46
23 37 13 13-0015	EA		9" x 9" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper <i>For Steel Construction, Deduct</i> <i>For Lay-In Mount, Add</i> <i>For Stainless Steel, Add</i>	140.04 -11.83 15.78 197.20	15.46
23 37 13 13-0016	EA		10" x 10" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper <i>For Steel Construction, Deduct</i> <i>For Lay-In Mount, Add</i> <i>For Stainless Steel, Add</i>	168.11 -14.15 18.86 235.78	17.83

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 37 Air Outlets and Inlets**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 37 13 13-0017	EA	12" x 12" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	168.11	19.02
		<i>For Steel Construction, Deduct</i>	-14.15	
		<i>For Lay-In Mount, Add</i>	18.86	
		<i>For Stainless Steel, Add</i>	235.78	
23 37 13 13-0018	EA	24" x 12" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	216.52	23.79
		<i>For Steel Construction, Deduct</i>	-18.52	
		<i>For Lay-In Mount, Add</i>	24.69	
		<i>For Stainless Steel, Add</i>	308.65	
23 37 13 13-0019	EA	14" x 14" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	193.80	23.79
		<i>For Steel Construction, Deduct</i>	-15.11	
		<i>For Lay-In Mount, Add</i>	20.15	
		<i>For Stainless Steel, Add</i>	251.85	
23 37 13 13-0020	EA	18" x 18" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	241.89	28.54
		<i>For Steel Construction, Deduct</i>	-19.39	
		<i>For Lay-In Mount, Add</i>	25.85	
		<i>For Stainless Steel, Add</i>	323.10	
23 37 13 13-0021	EA	21" x 21" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	279.53	32.10
		<i>For Steel Construction, Deduct</i>	-24.11	
		<i>For Lay-In Mount, Add</i>	32.15	
		<i>For Stainless Steel, Add</i>	401.88	
23 37 13 13-0022	EA	24" x 24" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	305.31	62.91
		<i>For Steel Construction, Deduct</i>	-26.91	
		<i>For Lay-In Mount, Add</i>	35.88	
		<i>For Stainless Steel, Add</i>	448.50	
23 37 13 13-0023		Round Ceiling Diffusers With Fixed Pattern <small>(23 37 13 13-0001)</small>		
		Note: Aluminum construction.		
23 37 13 13-0024	EA	6" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	200.29	15.46
		<i>For Steel Construction, Deduct</i>	-41.74	
		<i>For Stainless Steel, Add</i>	347.83	
23 37 13 13-0025	EA	8" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	207.42	15.46
		<i>For Steel Construction, Deduct</i>	-43.88	
		<i>For Stainless Steel, Add</i>	365.65	
23 37 13 13-0026	EA	10" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	234.33	19.02
		<i>For Steel Construction, Deduct</i>	-48.16	
		<i>For Stainless Steel, Add</i>	401.33	
23 37 13 13-0027	EA	12" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	252.17	17.83
		<i>For Steel Construction, Deduct</i>	-53.51	
		<i>For Stainless Steel, Add</i>	445.93	
23 37 13 13-0028	EA	14" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	360.31	21.40
		<i>For Steel Construction, Deduct</i>	-82.41	
		<i>For Stainless Steel, Add</i>	666.73	
23 37 13 13-0029	EA	16" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	379.92	22.60
		<i>For Steel Construction, Deduct</i>	-87.22	
		<i>For Stainless Steel, Add</i>	726.85	
23 37 13 13-0030	EA	18" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	399.85	23.79
		<i>For Steel Construction, Deduct</i>	-92.04	
		<i>For Stainless Steel, Add</i>	766.98	
23 37 13 13-0031	EA	20" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	461.95	23.79
		<i>For Steel Construction, Deduct</i>	-109.40	
		<i>For Stainless Steel, Add</i>	911.65	
23 37 13 13-0032	EA	24" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	550.96	27.35
		<i>For Steel Construction, Deduct</i>	-133.18	
		<i>For Stainless Steel, Add</i>	1,109.85	
23 37 13 13-0033	EA	28" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	620.01	28.54
		<i>For Steel Construction, Deduct</i>	-152.21	
		<i>For Stainless Steel, Add</i>	1,268.40	
23 37 13 13-0034	EA	32" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	740.29	32.10
		<i>For Steel Construction, Deduct</i>	-184.31	
		<i>For Stainless Steel, Add</i>	1,535.95	
23 37 13 13-0035		Round Ceiling Diffusers With Adjustable Pattern Dropped Style <small>(23 37 13 13-0001)</small>		
		Note: Aluminum construction.		
23 37 13 13-0036	EA	6" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	210.99	15.46
		<i>For Steel Construction, Deduct</i>	-14.98	
		<i>For Flush Mount, Deduct</i>	-7.49	
		<i>For Stainless Steel, Add</i>	374.58	
23 37 13 13-0037	EA	8" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	229.42	15.46
		<i>For Steel Construction, Deduct</i>	-16.83	
		<i>For Flush Mount, Deduct</i>	-8.41	
		<i>For Stainless Steel, Add</i>	420.65	
23 37 13 13-0038	EA	10" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	260.10	19.02
		<i>For Steel Construction, Deduct</i>	-18.63	
		<i>For Flush Mount, Deduct</i>	-9.32	
		<i>For Stainless Steel, Add</i>	465.75	
23 37 13 13-0039	EA	12" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	280.71	19.02
		<i>For Steel Construction, Deduct</i>	-20.69	
		<i>For Flush Mount, Deduct</i>	-10.35	
		<i>For Stainless Steel, Add</i>	517.28	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0040	EA		14" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction <i>For Steel Construction, Deduct</i> <i>For Flush Mount, Deduct</i> <i>For Stainless Steel, Add</i>	406.68 -32.11 -16.05 802.65	21.40
23 37 13 13-0041	EA		16" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction <i>For Steel Construction, Deduct</i> <i>For Flush Mount, Deduct</i> <i>For Stainless Steel, Add</i>	351.98 -34.31 -17.15 857.65	22.60
23 37 13 13-0042	EA		18" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction <i>For Steel Construction, Deduct</i> <i>For Flush Mount, Deduct</i> <i>For Stainless Steel, Add</i>	458.12 -36.51 -18.25 912.65	23.79
23 37 13 13-0043	EA		20" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction <i>For Steel Construction, Deduct</i> <i>For Flush Mount, Deduct</i> <i>For Stainless Steel, Add</i>	531.32 -43.40 -21.70 1,085.08	24.97
23 37 13 13-0044	EA		24" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction <i>For Steel Construction, Deduct</i> <i>For Flush Mount, Deduct</i> <i>For Stainless Steel, Add</i>	600.11 -49.31 -24.65 1,232.73	27.35
23 37 13 13-0045	EA		28" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction <i>For Steel Construction, Deduct</i> <i>For Flush Mount, Deduct</i> <i>For Stainless Steel, Add</i>	727.03 -61.44 -30.72 1,535.95	28.54
23 37 13 13-0046	EA		32" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction <i>For Steel Construction, Deduct</i> <i>For Flush Mount, Deduct</i> <i>For Stainless Steel, Add</i>	875.45 -74.95 -37.48 1,873.85	32.10
23 37 13 13-0047	EA		36" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction <i>For Stainless Steel, Add</i>	969.73 2,089.90	66.95
23 37 13 13-0048			Linear Type Ceiling Diffusers With 2-Way Air Deflection <small>(23 37 13 13-0001)</small>		
23 37 13 13-0049	LF		4" Linear Type Ceiling Diffuser 40-200 CFM/LF, With 2-Way Air Deflection <i>For Stainless Steel, Add</i>	161.38 225.08	17.83
23 37 13 13-0050	LF		6-1/4" Linear Type Ceiling Diffuser, 41 - 206 CFM/LF, With 2-Way Air Deflection <i>For Stainless Steel, Add</i>	173.61 255.65	17.83
23 37 13 13-0051	LF		9-1/4" Linear Type Ceiling Diffuser, 62 - 312 CFM/LF, With 2-Way Air Deflection <i>For Stainless Steel, Add</i>	188.68 293.33	17.83
23 37 13 13-0052	LF		12-1/4" Linear Type Ceiling Diffuser, 131 - 656 CFM/LF, With 2-Way Air Deflection <i>For Stainless Steel, Add</i>	203.34 329.98	17.83
23 37 13 13-0053			Wall And Floor Diffusers <small>(23 37 13 13)</small>		
23 37 13 13-0054			Slot Type Linear Diffusers <small>(23 37 13 13-0053)</small>		
			Note: For sidewall sill or ceiling 1/2" 3/4" or 1" slot spacing 1-1/8" border.		
23 37 13 13-0055	LF		1 Slot Linear Diffusers 10 - 70 CFM/LF, Sidewall, Sill, Ceiling <i>For 3/4" Border, Add</i> <i>For Floor Mounted Diffusers, Add</i> <i>For Stainless Steel, Add</i>	54.70 7.43 8.92 38.65	5.94
23 37 13 13-0056	LF		2 Slot Linear Diffusers 20 - 140 CFM/LF, Sidewall, Sill, Ceiling <i>For 3/4" Border, Add</i> <i>For Floor Mounted Diffusers, Add</i> <i>For Stainless Steel, Add</i>	66.98 9.91 11.89 51.53	7.13
23 37 13 13-0057	LF		3 Slot Linear Diffusers 30 - 210 CFM/LF, Sidewall, Sill, Ceiling <i>For 3/4" Border, Add</i> <i>For Floor Mounted Diffusers, Add</i> <i>For Stainless Steel, Add</i>	93.37 15.61 18.73 81.16	8.33
23 37 13 13-0058	LF		4 Slot Linear Diffusers 40 - 280 CFM/LF, Sidewall, Sill, Ceiling <i>For 3/4" Border, Add</i> <i>For Floor Mounted Diffusers, Add</i> <i>For Stainless Steel, Add</i>	123.65 22.30 26.75 115.93	8.33
23 37 13 13-0059	LF		5 Slot Linear Diffusers 50 - 350 CFM/LF, Sidewall, Sill, Ceiling <i>For 3/4" Border, Add</i> <i>For Floor Mounted Diffusers, Add</i> <i>For Stainless Steel, Add</i>	155.21 28.99 34.78 150.72	9.52
23 37 13 13-0060	LF		6 Slot Linear Diffusers 60 - 420 CFM/LF, Sidewall, Sill, Ceiling <i>For 3/4" Border, Add</i> <i>For Floor Mounted Diffusers, Add</i> <i>For Stainless Steel, Add</i>	181.90 34.19 41.03 177.78	11.89
23 37 13 13-0061			Linear Bar Grilles And Registers <small>(23 37 13 13-0053)</small>		
			Note: For sidewall sill or ceiling or 15 degree deflection 1/2" bar spacing 1" border aluminum construction.		
23 37 13 13-0062	LF		2" Wide Linear Bar Grilles/Registers 30 - 70 CFM/LF, Sidewall, Sill, Ceiling <i>For Floor Mount, Add</i> <i>For Opposed Blade Damper, Add</i> <i>For Stainless Steel, Add</i>	171.03 14.37 28.74 186.80	7.13
23 37 13 13-0063	LF		3" Wide Linear Bar Grilles/Registers 55 - 143 CFM/LF, Sidewall, Sill, Ceiling <i>For Floor Mount, Add</i> <i>For Opposed Blade Damper, Add</i> <i>For Stainless Steel, Add</i>	204.35 17.34 34.68 225.43	8.33
23 37 13 13-0064	LF		4" Wide Linear Bar Grilles/Registers 80 - 208 CFM/LF, Sidewall, Sill, Ceiling <i>For Floor Mount, Add</i> <i>For Opposed Blade Damper, Add</i> <i>For Stainless Steel, Add</i>	222.75 18.83 37.66 244.76	8.33

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 37 Air Outlets and Inlets



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 37 13 13-0065	LF 6" Wide Linear Bar Grilles/Registers 125 - 325 CFM/LF, Sidewall, Sill, Ceiling.....	273.06	11.89
	For Floor Mount, Add	22.79	
	For Opposed Blade Damper, Add	45.58	
	For Stainless Steel, Add	296.28	
23 37 13 13-0066	LF 9" Wide Linear Bar Grilles/Registers 225 - 450 CFM/LF, Sidewall, Sill, Ceiling.....	377.73	15.46
	For Floor Mount, Add	31.71	
	For Opposed Blade Damper, Add	63.42	
	For Stainless Steel, Add	412.23	
23 37 13 13-0067	LF 12" Wide Linear Bar Grilles/Registers 225 - 495 CFM/LF, Sidewall, Sill, Ceiling.....	435.49	17.83
	For Floor Mount, Add	36.17	
	For Opposed Blade Damper, Add	72.34	
	For Stainless Steel, Add	470.20	
23 37 13 13-0068	Return/Exhaust Registers And Grilles <small>(23 37 13 13)</small>		
23 37 13 13-0069	Return/Exhaust Registers With Frame <small>(23 37 13 13-0068)</small>		
	Note: Single deflection with opposed blade damper aluminum construction wall or ceiling mount.		
23 37 13 13-0070	EA 8" x 4" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	116.68	9.52
	For Steel Construction, Deduct	-15.95	
	For Grilles (No Damper), Deduct	-31.91	
	For Removable Core, Add	35.00	
	For Cube Core With Frame, Add	7.98	
	For Cube Core Lay In, Add	15.95	
	For Stainless Steel, Add	199.43	
23 37 13 13-0071	EA 8" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	134.02	9.52
	For Steel Construction, Deduct	-19.42	
	For Grilles (No Damper), Deduct	-38.84	
	For Removable Core, Add	35.00	
	For Cube Core With Frame, Add	9.71	
	For Cube Core Lay In, Add	19.42	
	For Stainless Steel, Add	242.78	
23 37 13 13-0072	EA 10" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	150.33	10.70
	For Steel Construction, Deduct	-21.50	
	For Grilles (No Damper), Deduct	-43.01	
	For Removable Core, Add	35.00	
	For Cube Core With Frame, Add	10.75	
	For Cube Core Lay In, Add	21.50	
	For Stainless Steel, Add	268.80	
23 37 13 13-0073	EA 10" x 10" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	157.30	11.89
	For Steel Construction, Deduct	-21.50	
	For Grilles (No Damper), Deduct	-43.01	
	For Removable Core, Add	35.00	
	For Cube Core With Frame, Add	10.75	
	For Cube Core Lay In, Add	21.50	
	For Stainless Steel, Add	268.80	
23 37 13 13-0074	EA 12" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	150.36	11.89
	For Steel Construction, Deduct	-20.12	
	For Grilles (No Damper), Deduct	-40.23	
	For Removable Core, Add	35.00	
	For Cube Core With Frame, Add	10.06	
	For Cube Core Lay In, Add	20.12	
	For Stainless Steel, Add	251.45	
23 37 13 13-0075	EA 12" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	192.95	15.46
	For Steel Construction, Deduct	-26.36	
	For Grilles (No Damper), Deduct	-52.72	
	For Removable Core, Add	35.00	
	For Cube Core With Frame, Add	13.18	
	For Cube Core Lay In, Add	26.36	
	For Stainless Steel, Add	329.48	
23 37 13 13-0076	EA 16" x 16" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	231.16	17.83
	For Steel Construction, Deduct	-31.47	
	For Grilles (No Damper), Deduct	-62.94	
	For Removable Core, Add	35.00	
	For Cube Core With Frame, Add	15.74	
	For Cube Core Lay In, Add	31.47	
	For Stainless Steel, Add	393.40	
23 37 13 13-0077	EA 18" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	283.30	21.40
	For Steel Construction, Deduct	-39.54	
	For Grilles (No Damper), Deduct	-79.07	
	For Removable Core, Add	35.00	
	For Cube Core With Frame, Add	19.77	
	For Cube Core Lay In, Add	39.54	
	For Stainless Steel, Add	494.20	
23 37 13 13-0078	EA 20" x 20" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	332.46	23.79
	For Steel Construction, Deduct	-47.88	
	For Grilles (No Damper), Deduct	-95.76	
	For Removable Core, Add	35.00	
	For Cube Core With Frame, Add	23.94	
	For Cube Core Lay In, Add	47.88	
	For Stainless Steel, Add	598.50	
23 37 13 13-0079	EA 24" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	297.52	23.79
	For Steel Construction, Deduct	-40.05	
	For Grilles (No Damper), Deduct	-80.09	
	For Removable Core, Add	35.00	
	For Cube Core With Frame, Add	20.02	
	For Cube Core Lay In, Add	40.05	
	For Stainless Steel, Add	500.58	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0080	EA		24" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	340.06	23.79
			<i>For Steel Construction, Deduct</i>	-48.55	
			<i>For Grilles (No Damper), Deduct</i>	-97.11	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core With Frame, Add</i>	24.28	
			<i>For Cube Core Lay In, Add</i>	48.55	
			<i>For Stainless Steel, Add</i>	606.93	
23 37 13 13-0081	EA		24" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	358.64	27.35
			<i>For Steel Construction, Deduct</i>	-50.32	
			<i>For Grilles (No Damper), Deduct</i>	-100.65	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core With Frame, Add</i>	25.16	
			<i>For Cube Core Lay In, Add</i>	50.32	
			<i>For Stainless Steel, Add</i>	629.05	
23 37 13 13-0082	EA		30" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	380.07	28.54
			<i>For Steel Construction, Deduct</i>	-53.48	
			<i>For Grilles (No Damper), Deduct</i>	-106.97	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core With Frame, Add</i>	26.74	
			<i>For Cube Core Lay In, Add</i>	53.48	
			<i>For Stainless Steel, Add</i>	668.55	
23 37 13 13-0083	EA		30" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	438.04	32.10
			<i>For Steel Construction, Deduct</i>	-62.43	
			<i>For Grilles (No Damper), Deduct</i>	-124.85	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core With Frame, Add</i>	31.21	
			<i>For Cube Core Lay In, Add</i>	62.43	
			<i>For Stainless Steel, Add</i>	780.33	
23 37 13 13-0084	EA		30" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	490.68	38.06
			<i>For Steel Construction, Deduct</i>	-67.56	
			<i>For Grilles (No Damper), Deduct</i>	-135.12	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core With Frame, Add</i>	33.78	
			<i>For Cube Core Lay In, Add</i>	67.56	
			<i>For Stainless Steel, Add</i>	844.48	
23 37 13 13-0085	EA		30" x 30" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	637.53	38.06
			<i>For Steel Construction, Deduct</i>	-96.93	
			<i>For Grilles (No Damper), Deduct</i>	-193.86	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core With Frame, Add</i>	48.46	
			<i>For Cube Core Lay In, Add</i>	96.93	
			<i>For Stainless Steel, Add</i>	1,211.60	
23 37 13 13-0086	EA		36" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	529.56	41.62
			<i>For Steel Construction, Deduct</i>	-72.98	
			<i>For Grilles (No Damper), Deduct</i>	-145.96	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core With Frame, Add</i>	36.49	
			<i>For Cube Core Lay In, Add</i>	72.98	
			<i>For Stainless Steel, Add</i>	912.28	
23 37 13 13-0087	EA		36" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	515.60	40.43
			<i>For Steel Construction, Deduct</i>	-70.19	
			<i>For Grilles (No Damper), Deduct</i>	-140.38	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core With Frame, Add</i>	35.10	
			<i>For Cube Core Lay In, Add</i>	70.19	
			<i>For Stainless Steel, Add</i>	877.38	
23 37 13 13-0088	EA		36" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	587.08	45.18
			<i>For Steel Construction, Deduct</i>	-81.74	
			<i>For Grilles (No Damper), Deduct</i>	-163.49	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core With Frame, Add</i>	40.87	
			<i>For Cube Core Lay In, Add</i>	81.74	
			<i>For Stainless Steel, Add</i>	1,021.80	
23 37 13 13-0089	EA		36" x 36" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	796.12	48.75
			<i>For Steel Construction, Deduct</i>	-120.31	
			<i>For Grilles (No Damper), Deduct</i>	-240.61	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core With Frame, Add</i>	60.15	
			<i>For Cube Core Lay In, Add</i>	120.31	
			<i>For Stainless Steel, Add</i>	1,503.83	
23 37 13 13-0090	EA		24" x 20" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	353.12	27.47
			<i>For Steel Construction, Deduct</i>	-48.68	
			<i>For Grilles (No Damper), Deduct</i>	-97.35	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core With Frame, Add</i>	24.34	
			<i>For Cube Core Lay In, Add</i>	48.68	
			<i>For Stainless Steel, Add</i>	608.45	
23 37 13 13-0091	EA		32" x 40" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	609.23	41.16
			<i>For Steel Construction, Deduct</i>	-88.92	
			<i>For Grilles (No Damper), Deduct</i>	-177.83	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core With Frame, Add</i>	44.46	
			<i>For Cube Core Lay In, Add</i>	88.92	
			<i>For Stainless Steel, Add</i>	1,111.45	
23 37 13 13-0092	EA		48" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	705.44	48.75
			<i>For Steel Construction, Deduct</i>	-102.03	
			<i>For Grilles (No Damper), Deduct</i>	-204.06	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core With Frame, Add</i>	51.02	
			<i>For Cube Core Lay In, Add</i>	102.03	
			<i>For Stainless Steel, Add</i>	1,275.38	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 37 Air Outlets and Inlets**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13	13-0093		Return/Exhaust Registers Removable-Reversible (23 37 13 13-0068) Note: Double deflection core and opposed blade damper radiused frame with boarder aluminum construction.		
23 37 13	13-0094	EA	8" x 4" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	107.66	9.52
			For Steel Construction, Deduct	-7.08	
			For Flat Frame, Deduct	-0.71	
			For Grilles (No Damper), Deduct	-14.15	
			For Stainless Steel, Add	176.88	
23 37 13	13-0095	EA	8" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	107.66	9.52
			For Steel Construction, Deduct	-7.08	
			For Flat Frame, Deduct	-0.71	
			For Grilles (No Damper), Deduct	-14.15	
			For Stainless Steel, Add	176.88	
23 37 13	13-0096	EA	10" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	132.29	10.70
			For Steel Construction, Deduct	-8.95	
			For Flat Frame, Deduct	-0.89	
			For Grilles (No Damper), Deduct	-17.90	
			For Stainless Steel, Add	223.70	
23 37 13	13-0097	EA	10" x 10" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	151.75	13.08
			For Steel Construction, Deduct	-10.20	
			For Flat Frame, Deduct	-1.02	
			For Grilles (No Damper), Deduct	-20.39	
			For Stainless Steel, Add	254.93	
23 37 13	13-0098	EA	12" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	149.67	11.89
			For Steel Construction, Deduct	-9.99	
			For Flat Frame, Deduct	-1.00	
			For Grilles (No Damper), Deduct	-19.98	
			For Stainless Steel, Add	249.73	
23 37 13	13-0099	EA	12" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	194.34	15.46
			For Steel Construction, Deduct	-13.32	
			For Flat Frame, Deduct	-1.33	
			For Grilles (No Damper), Deduct	-26.64	
			For Stainless Steel, Add	332.95	
23 37 13	13-0100	EA	16" x 16" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	314.50	19.02
			For Steel Construction, Deduct	-24.07	
			For Flat Frame, Deduct	-2.41	
			For Grilles (No Damper), Deduct	-48.14	
			For Stainless Steel, Add	601.75	
23 37 13	13-0101	EA	18" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	379.04	21.40
			For Steel Construction, Deduct	-29.34	
			For Flat Frame, Deduct	-2.93	
			For Grilles (No Damper), Deduct	-58.68	
			For Stainless Steel, Add	733.55	
23 37 13	13-0102	EA	20" x 20" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	428.09	23.79
			For Steel Construction, Deduct	-33.50	
			For Flat Frame, Deduct	-3.35	
			For Grilles (No Damper), Deduct	-67.01	
			For Stainless Steel, Add	837.58	
23 37 13	13-0103	EA	24" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	355.33	23.79
			For Steel Construction, Deduct	-25.80	
			For Flat Frame, Deduct	-2.58	
			For Grilles (No Damper), Deduct	-51.61	
			For Stainless Steel, Add	645.10	
23 37 13	13-0104	EA	24" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	480.19	24.97
			For Steel Construction, Deduct	-38.29	
			For Flat Frame, Deduct	-3.83	
			For Grilles (No Damper), Deduct	-76.58	
			For Stainless Steel, Add	957.25	
23 37 13	13-0105	EA	24" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	560.67	27.35
			For Steel Construction, Deduct	-45.37	
			For Flat Frame, Deduct	-4.54	
			For Grilles (No Damper), Deduct	-90.73	
			For Stainless Steel, Add	1,134.13	
23 37 13	13-0106	EA	30" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	428.96	28.54
			For Steel Construction, Deduct	-31.63	
			For Flat Frame, Deduct	-3.16	
			For Grilles (No Damper), Deduct	-63.26	
			For Stainless Steel, Add	790.78	
23 37 13	13-0107	EA	30" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	592.04	32.10
			For Steel Construction, Deduct	-46.61	
			For Flat Frame, Deduct	-4.66	
			For Grilles (No Damper), Deduct	-93.23	
			For Stainless Steel, Add	1,165.33	
23 37 13	13-0108	EA	30" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	712.67	38.06
			For Steel Construction, Deduct	-55.98	
			For Flat Frame, Deduct	-5.60	
			For Grilles (No Damper), Deduct	-111.96	
			For Stainless Steel, Add	1,399.45	
23 37 13	13-0109	EA	30" x 30" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	817.76	38.06
			For Steel Construction, Deduct	-66.49	
			For Flat Frame, Deduct	-6.65	
			For Grilles (No Damper), Deduct	-132.97	
			For Stainless Steel, Add	1,662.18	
23 37 13	13-0110	EA	36" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	553.79	40.43
			For Steel Construction, Deduct	-38.91	
			For Flat Frame, Deduct	-3.89	
			For Grilles (No Damper), Deduct	-77.83	
			For Stainless Steel, Add	972.85	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0111	EA		36" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	753.56	40.43
			<i>For Steel Construction, Deduct</i>	-58.89	
			<i>For Flat Frame, Deduct</i>	-5.89	
			<i>For Grilles (No Damper), Deduct</i>	-117.78	
			<i>For Stainless Steel, Add</i>	1,472.28	
23 37 13 13-0112	EA		36" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	873.40	45.18
			<i>For Steel Construction, Deduct</i>	-69.50	
			<i>For Flat Frame, Deduct</i>	-6.95	
			<i>For Grilles (No Damper), Deduct</i>	-139.01	
			<i>For Stainless Steel, Add</i>	1,737.60	
23 37 13 13-0113	EA		36" x 30" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	1,021.77	48.75
			<i>For Steel Construction, Deduct</i>	-82.72	
			<i>For Flat Frame, Deduct</i>	-8.27	
			<i>For Grilles (No Damper), Deduct</i>	-165.44	
			<i>For Stainless Steel, Add</i>	2,067.95	
23 37 13 13-0114	EA		36" x 36" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	1,080.04	48.75
			<i>For Steel Construction, Deduct</i>	-88.55	
			<i>For Flat Frame, Deduct</i>	-8.85	
			<i>For Grilles (No Damper), Deduct</i>	-177.09	
			<i>For Stainless Steel, Add</i>	2,213.63	
23 37 13 13-0115			Aluminum Eggcrate Ceiling Return Air And Exhaust Grilles <small>(23 37 13 13-0068)</small>		
23 37 13 13-0116	EA		6" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	57.46	11.64
23 37 13 13-0117	EA		8" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	57.46	11.64
23 37 13 13-0118	EA		8" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	62.54	11.64
23 37 13 13-0119	EA		8" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	64.57	11.64
23 37 13 13-0120	EA		10" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	62.54	11.64
23 37 13 13-0121	EA		10" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	64.57	11.64
23 37 13 13-0122	EA		10" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	77.57	15.25
23 37 13 13-0123	EA		10" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	79.60	15.25
23 37 13 13-0124	EA		12" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	75.54	15.25
23 37 13 13-0125	EA		12" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	79.60	15.25
23 37 13 13-0126	EA		12" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	81.64	15.25
23 37 13 13-0127	EA		12" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	83.67	15.25
23 37 13 13-0128	EA		14" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	80.62	15.25
23 37 13 13-0129	EA		14" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	84.68	15.25
23 37 13 13-0130	EA		14" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	86.71	15.25
23 37 13 13-0131	EA		14" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	95.85	15.25
23 37 13 13-0132	EA		16" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	84.68	15.25
23 37 13 13-0133	EA		16" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	91.79	15.25
23 37 13 13-0134	EA		16" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	95.85	15.25
23 37 13 13-0135	EA		16" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	122.88	22.49
23 37 13 13-0136	EA		16" x 16" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	124.91	22.49
23 37 13 13-0137	EA		18" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	120.85	22.49
23 37 13 13-0138	EA		18" x 18" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	148.07	26.12
23 37 13 13-0139	EA		20" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	118.82	22.49
23 37 13 13-0140	EA		20" x 20" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	158.23	26.12
23 37 13 13-0141	EA		22" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	82.65	15.25
23 37 13 13-0142	EA		22" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	120.85	22.49
23 37 13 13-0143	EA		22" x 22" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	177.32	29.74
23 37 13 13-0144	EA		24" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	118.82	22.49
23 37 13 13-0145	EA		24" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	122.88	22.49
23 37 13 13-0146	EA		24" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	141.98	26.12
			<i>For Lay-In Installation, Deduct</i>	-55.03	
23 37 13 13-0147	EA		24" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	148.07	26.12
23 37 13 13-0148	EA		24" x 16" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	165.13	29.74
23 37 13 13-0149	EA		24" x 18" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	171.23	29.74
23 37 13 13-0150	EA		24" x 20" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	178.34	29.74
23 37 13 13-0151	EA		24" x 24" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	191.54	29.74
			<i>For Lay-In Installation, Deduct</i>	-63.02	
23 37 13 13-0152	EA		30" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	145.02	26.12
23 37 13 13-0153	EA		48" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	235.87	32.59
23 37 13 13-0154	EA		48" x 24" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	405.07	39.83
			<i>For Lay-In Installation, Deduct</i>	-90.69	
23 37 13 13-0155			Supply Registers and Grilles <small>(23 37 13 13)</small>		
23 37 13 13-0156			Adjustable Curved Blade Register <small>(23 37 13 13-0155)</small>		
			Note: Ceiling mount aluminum construction four way pattern flush frame.		
23 37 13 13-0157	EA		6" x 6" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	97.48	9.52
			<i>For Steel Construction, Deduct</i>	-9.10	
			<i>For Lay In Frame, Deduct</i>	-15.16	
			<i>For Three Way Pattern, Deduct</i>	-6.06	
			<i>For Two Way Pattern, Deduct</i>	-4.85	
			<i>For One Way Pattern, Deduct</i>	-4.85	
			<i>For Grille (No Damper), Deduct</i>	-9.10	
			<i>For Stainless Steel, Add</i>	151.60	
23 37 13 13-0158	EA		8" x 8" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	101.05	9.52
			<i>For Steel Construction, Deduct</i>	-9.63	
			<i>For Lay In Frame, Deduct</i>	-16.05	
			<i>For Three Way Pattern, Deduct</i>	-6.42	
			<i>For Two Way Pattern, Deduct</i>	-5.14	
			<i>For One Way Pattern, Deduct</i>	-5.14	
			<i>For Grille (No Damper), Deduct</i>	-9.63	
			<i>For Stainless Steel, Add</i>	160.53	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 37 Air Outlets and Inlets**
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23 37 13 13-0159	EA	12" x 6" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	110.53	13.08
		<i>For Steel Construction, Deduct</i>	-9.10	
		<i>For Lay In Frame, Deduct</i>	-15.16	
		<i>For Three Way Pattern, Deduct</i>	-6.06	
		<i>For Two Way Pattern, Deduct</i>	-4.85	
		<i>For One Way Pattern, Deduct</i>	-4.85	
		<i>For Grille (No Damper), Deduct</i>	-9.10	
		<i>For Stainless Steel, Add</i>	151.60	
23 37 13 13-0160	EA	10" x 10" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	123.62	11.89
		<i>For Steel Construction, Deduct</i>	-11.06	
		<i>For Lay In Frame, Deduct</i>	-18.43	
		<i>For Three Way Pattern, Deduct</i>	-7.37	
		<i>For Two Way Pattern, Deduct</i>	-5.90	
		<i>For One Way Pattern, Deduct</i>	-5.90	
		<i>For Grille (No Damper), Deduct</i>	-11.06	
		<i>For Stainless Steel, Add</i>	184.33	
23 37 13 13-0161	EA	12" x 12" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	148.62	15.46
		<i>For Steel Construction, Deduct</i>	-13.20	
		<i>For Lay In Frame, Deduct</i>	-22.00	
		<i>For Three Way Pattern, Deduct</i>	-8.80	
		<i>For Two Way Pattern, Deduct</i>	-7.04	
		<i>For One Way Pattern, Deduct</i>	-7.04	
		<i>For Grille (No Damper), Deduct</i>	-13.20	
		<i>For Stainless Steel, Add</i>	219.98	
23 37 13 13-0162	EA	14" x 14" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	183.20	17.83
		<i>For Steel Construction, Deduct</i>	-16.41	
		<i>For Lay In Frame, Deduct</i>	-27.35	
		<i>For Three Way Pattern, Deduct</i>	-10.94	
		<i>For Two Way Pattern, Deduct</i>	-8.75	
		<i>For One Way Pattern, Deduct</i>	-8.75	
		<i>For Grille (No Damper), Deduct</i>	-16.41	
		<i>For Stainless Steel, Add</i>	273.50	
23 37 13 13-0163	EA	16" x 16" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	183.20	17.83
		<i>For Steel Construction, Deduct</i>	-16.41	
		<i>For Lay In Frame, Deduct</i>	-27.35	
		<i>For Three Way Pattern, Deduct</i>	-10.94	
		<i>For Two Way Pattern, Deduct</i>	-8.75	
		<i>For One Way Pattern, Deduct</i>	-8.75	
		<i>For Grille (No Damper), Deduct</i>	-16.41	
		<i>For Stainless Steel, Add</i>	273.50	
23 37 13 13-0164	EA	18" x 18" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	225.84	23.79
		<i>For Steel Construction, Deduct</i>	-19.98	
		<i>For Lay In Frame, Deduct</i>	-33.30	
		<i>For Three Way Pattern, Deduct</i>	-13.32	
		<i>For Two Way Pattern, Deduct</i>	-10.65	
		<i>For One Way Pattern, Deduct</i>	-10.65	
		<i>For Grille (No Damper), Deduct</i>	-19.98	
		<i>For Stainless Steel, Add</i>	332.95	
23 37 13 13-0165	EA	24" x 24" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	298.25	24.97
		<i>For Steel Construction, Deduct</i>	-30.14	
		<i>For Lay In Frame, Deduct</i>	-50.24	
		<i>For Three Way Pattern, Deduct</i>	-20.10	
		<i>For Two Way Pattern, Deduct</i>	-16.08	
		<i>For One Way Pattern, Deduct</i>	-16.08	
		<i>For Grille (No Damper), Deduct</i>	-30.14	
		<i>For Stainless Steel, Add</i>	502.40	
23 37 13 13-0166	EA	30" x 30" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	486.71	50.42
		<i>For Steel Construction, Deduct</i>	-57.88	
		<i>For Lay In Frame, Deduct</i>	-96.47	
		<i>For Three Way Pattern, Deduct</i>	-38.59	
		<i>For Two Way Pattern, Deduct</i>	-30.87	
		<i>For One Way Pattern, Deduct</i>	-30.87	
		<i>For Grille (No Damper), Deduct</i>	-57.88	
		<i>For Stainless Steel, Add</i>	964.68	

23 37 13 13-0167 Removable-Reversible Core Registers (23 37 13 13-0155)

Note: Double deflection radiused frame aluminum construction.

23 37 13 13-0168	EA	6" x 6" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	112.94	9.52
		<i>For Steel Construction, Deduct</i>	-7.61	
		<i>For Flat Frame, Deduct</i>	-7.61	
		<i>For Grille (No Damper), Deduct</i>	-22.83	
		<i>For Stainless Steel, Add</i>	190.25	
23 37 13 13-0169	EA	8" x 8" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	143.86	9.52
		<i>For Steel Construction, Deduct</i>	-10.70	
		<i>For Flat Frame, Deduct</i>	-10.70	
		<i>For Grille (No Damper), Deduct</i>	-32.11	
		<i>For Stainless Steel, Add</i>	267.55	
23 37 13 13-0170	EA	12" x 6" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	183.07	13.08
		<i>For Steel Construction, Deduct</i>	-13.32	
		<i>For Flat Frame, Deduct</i>	-13.32	
		<i>For Grille (No Damper), Deduct</i>	-39.95	
		<i>For Stainless Steel, Add</i>	332.95	
23 37 13 13-0171	EA	10" x 10" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	185.45	13.08
		<i>For Steel Construction, Deduct</i>	-13.56	
		<i>For Flat Frame, Deduct</i>	-13.56	
		<i>For Grille (No Damper), Deduct</i>	-40.67	
		<i>For Stainless Steel, Add</i>	338.90	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0172	EA		12" x 12" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame.....	236.62	15.46
			<i>For Steel Construction, Deduct</i>	-17.60	
			<i>For Flat Frame, Deduct</i>	-17.60	
			<i>For Grille (No Damper), Deduct</i>	-52.80	
			<i>For Stainless Steel, Add</i>	439.98	
23 37 13 13-0173	EA		14" x 14" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame.....	337.78	19.02
			<i>For Steel Construction, Deduct</i>	-26.40	
			<i>For Flat Frame, Deduct</i>	-26.40	
			<i>For Grille (No Damper), Deduct</i>	-79.19	
			<i>For Stainless Steel, Add</i>	659.95	
23 37 13 13-0174	EA		16" x 16" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame.....	380.59	17.83
			<i>For Steel Construction, Deduct</i>	-30.68	
			<i>For Flat Frame, Deduct</i>	-30.68	
			<i>For Grille (No Damper), Deduct</i>	-92.04	
			<i>For Stainless Steel, Add</i>	766.98	
23 37 13 13-0175	EA		18" x 18" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame.....	458.91	23.79
			<i>For Steel Construction, Deduct</i>	-36.63	
			<i>For Flat Frame, Deduct</i>	-36.63	
			<i>For Grille (No Damper), Deduct</i>	-109.88	
			<i>For Stainless Steel, Add</i>	915.63	
23 37 13 13-0176	EA		24" x 24" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame.....	580.07	23.79
			<i>For Steel Construction, Deduct</i>	-48.28	
			<i>For Flat Frame, Deduct</i>	-48.28	
			<i>For Grille (No Damper), Deduct</i>	-144.83	
			<i>For Stainless Steel, Add</i>	1,206.95	
23 37 13 13-0177 Adjustable Shutter Blade Registers (23 37 13 13-0155)					
Note: Double deflection flat frame aluminum construction.					
23 37 13 13-0178	EA		6" x 6" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	175.57	9.52
			<i>For Steel Construction, Deduct</i>	-13.87	
			<i>For Single Deflection, Deduct</i>	-27.75	
			<i>For Grille (No Damper), Deduct</i>	-20.81	
			<i>For Stainless Steel, Add</i>	346.83	
23 37 13 13-0179	EA		8" x 8" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	203.32	9.52
			<i>For Steel Construction, Deduct</i>	-16.65	
			<i>For Single Deflection, Deduct</i>	-33.30	
			<i>For Grille (No Damper), Deduct</i>	-24.97	
			<i>For Stainless Steel, Add</i>	416.20	
23 37 13 13-0180	EA		12" x 6" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	216.37	13.08
			<i>For Steel Construction, Deduct</i>	-16.65	
			<i>For Single Deflection, Deduct</i>	-33.30	
			<i>For Grille (No Damper), Deduct</i>	-24.97	
			<i>For Stainless Steel, Add</i>	416.20	
23 37 13 13-0181	EA		10" x 10" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	224.29	11.89
			<i>For Steel Construction, Deduct</i>	-17.44	
			<i>For Single Deflection, Deduct</i>	-34.88	
			<i>For Grille (No Damper), Deduct</i>	-26.16	
			<i>For Stainless Steel, Add</i>	436.00	
23 37 13 13-0182	EA		12" x 12" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	274.67	15.46
			<i>For Steel Construction, Deduct</i>	-21.40	
			<i>For Single Deflection, Deduct</i>	-42.81	
			<i>For Grille (No Damper), Deduct</i>	-32.11	
			<i>For Stainless Steel, Add</i>	535.10	
23 37 13 13-0183	EA		14" x 14" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	367.12	17.83
			<i>For Steel Construction, Deduct</i>	-29.33	
			<i>For Single Deflection, Deduct</i>	-58.66	
			<i>For Grille (No Damper), Deduct</i>	-44.00	
			<i>For Stainless Steel, Add</i>	733.30	
23 37 13 13-0184	EA		16" x 16" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	434.50	19.02
			<i>For Steel Construction, Deduct</i>	-36.07	
			<i>For Single Deflection, Deduct</i>	-72.14	
			<i>For Grille (No Damper), Deduct</i>	-54.11	
			<i>For Stainless Steel, Add</i>	901.75	
23 37 13 13-0185	EA		18" x 18" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	536.60	23.79
			<i>For Steel Construction, Deduct</i>	-44.39	
			<i>For Single Deflection, Deduct</i>	-88.79	
			<i>For Grille (No Damper), Deduct</i>	-66.59	
			<i>For Stainless Steel, Add</i>	1,109.85	
23 37 13 13-0186	EA		24" x 24" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	743.38	24.97
			<i>For Steel Construction, Deduct</i>	-64.61	
			<i>For Single Deflection, Deduct</i>	-129.22	
			<i>For Grille (No Damper), Deduct</i>	-96.91	
			<i>For Stainless Steel, Add</i>	1,615.23	
23 37 13 13-0187 Air Conditioning And Ventilation (23 37 13 13-0155)					
23 37 13 13-0188	EA		10" x 16" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	99.73	24.97
			<i>For Stainless Steel, Add</i>	124.60	
23 37 13 13-0189	EA		18" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	174.01	37.16
			<i>For Stainless Steel, Add</i>	249.23	
23 37 13 13-0190	EA		30" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	270.19	52.02
			<i>For Stainless Steel, Add</i>	415.38	
23 37 13 13-0191	EA		48" x 24" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	690.97	71.35
			<i>For Stainless Steel, Add</i>	1,370.70	
23 37 13 13-0192 Square Wall Return Air And Exhaust Grilles (23 37 13 13-0155)					
Note: Egg crate design aluminum construction.					
23 37 13 13-0193	EA		8" x 8" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	89.53	29.79

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23 37 13 13-0194	EA	12" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	98.74	29.79
23 37 13 13-0195	EA	18" x 18" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	146.96	44.68
23 37 13 13-0196	EA	24" x 24" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	193.04	44.68
23 37 13 13-0197	EA	28" x 28" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	326.52	59.57
23 37 13 13-0198	EA	36" x 36" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	604.89	59.45
23 37 13 13-0199		Rectangular Four-Way Adjustable Deflection Wall Supply Grilles (23 37 13 13-0155)		
		Note: Aluminum construction.		
23 37 13 13-0200	EA	12" x 6" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	250.38	21.44
23 37 13 13-0201	EA	14" x 6" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	286.05	21.44
23 37 13 13-0202	EA	18" x 8" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	345.02	23.83
23 37 13 13-0203	EA	24" x 8" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	408.41	23.83
23 37 13 13-0204	EA	36" x 20" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	524.04	74.47
23 37 13 13-0205		Square Ceiling Return Air And Exhaust Grilles (23 37 13 13-0155)		
		Note: Egg crate design, plastic construction.		
23 37 13 13-0206	EA	24" x 24" Egg Crate Ceiling Return Air Or Exhaust Grille, Plastic Construction	48.07	14.26
23 37 13 13-0207	EA	24" x 48" Egg Crate Ceiling Return Air Or Exhaust Grille, Plastic Construction	69.51	14.38
23 37 13 13-0208		Door Grilles Sight Proof Inverted Vee Cross Section (23 37 13 13-0155)		
		Note: Painted steel louvers and frame.		
23 37 13 13-0209	EA	12" x 6" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	139.89	21.44
23 37 13 13-0210	EA	12" x 12" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	175.07	21.44
23 37 13 13-0211	EA	18" x 18" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	218.67	22.64
23 37 13 13-0212	EA	24" x 24" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	301.90	27.05
23 37 13 13-0213	EA	24" x 30" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	335.06	49.68
23 37 13 13-0214		Stainless Steel Devices (23 37 13 13-0155)		
23 37 13 13-0215		304 Stainless Steel, Louvered Partition/Door Grilles (23 37 13 13-0214)		
23 37 13 13-0216	SF	Up To 4 SF, 304 Stainless Steel, Louvered Partition/Door Grille	180.09	18.58
		For 316 Stainless Steel, Add	29.82	
23 37 13 13-0217	SF	>4 SF, 304 Stainless Steel, Louvered Partition/Door Grille	152.88	18.58
		For 316 Stainless Steel, Add	24.38	
23 37 13 13-0218		304 Stainless Steel, Single Deflection Supply Grilles (23 37 13 13-0214)		
23 37 13 13-0219	SF	Up To 4 SF, 304 Stainless Steel, Single Deflection Supply Grille	137.81	18.58
		For 316 Stainless Steel, Add	21.37	
23 37 13 13-0220	SF	>4 SF, 304 Stainless Steel, Single Deflection Supply Grille	118.02	18.58
		For 316 Stainless Steel, Add	17.41	
23 37 13 13-0221		304 Stainless Steel, Double Deflection Supply Grilles (23 37 13 13-0214)		
23 37 13 13-0222	SF	Up To 4 SF, 304 Stainless Steel, Double Deflection Supply Grille	199.01	18.58
		For 316 Stainless Steel, Add	33.61	
23 37 13 13-0223	SF	>4 SF, 304 Stainless Steel, Double Deflection Supply Grille	170.45	18.58
		For 316 Stainless Steel, Add	27.89	
23 37 13 13-0224		304 Stainless Steel Return Grilles (23 37 13 13-0214)		
23 37 13 13-0225	SF	Up To 4 SF, 304 Stainless Steel Return Grille	137.81	18.58
		For 316 Stainless Steel, Add	21.37	
23 37 13 13-0226	SF	>4 SF, 304 Stainless Steel Return Grille	118.02	18.58
		For 316 Stainless Steel, Add	17.41	
23 37 13 13-0227		304 Stainless Steel, Louvered Supply/Return Grilles (23 37 13 13-0214)		
23 37 13 13-0228	SF	Up To 4 SF, 304 Stainless Steel, Louvered Supply/Return Grille	137.81	18.58
		For 316 Stainless Steel, Add	21.37	
23 37 13 13-0229	SF	>4 SF, 304 Stainless Steel, Louvered Supply/Return Grille	118.02	18.58
		For 316 Stainless Steel, Add	17.41	
23 37 13 13-0230		304 Stainless Steel, Perforated Return Grilles (23 37 13 13-0214)		
23 37 13 13-0231	SF	Up To 4 SF, 304 Stainless Steel, Perforated Return Grille	137.81	18.58
		For 316 Stainless Steel, Add	21.37	
23 37 13 13-0232	SF	>4 SF, 304 Stainless Steel, Perforated Return Grille	112.58	18.58
		For 316 Stainless Steel, Add	16.32	
23 37 13 13-0233		304 Stainless Steel, Perforated Supply Grilles (23 37 13 13-0214)		
23 37 13 13-0234	SF	Up To 4 SF, 304 Stainless Steel, Perforated Supply Grille	165.63	18.58
		For 316 Stainless Steel, Add	26.93	
23 37 13 13-0235	SF	>4 SF, 304 Stainless Steel, Perforated Supply Grille	115.48	18.58
		For 316 Stainless Steel, Add	16.90	
23 37 13 13-0236		304 Stainless Steel, Door Grilles (23 37 13 13-0214)		
23 37 13 13-0237	SF	Up To 4 SF, 304 Stainless Steel, Door Grille	244.63	18.58
		For 316 Stainless Steel, Add	42.73	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0238	SF		>4 SF, 304 Stainless Steel, Door Grille <i>For 316 Stainless Steel, Add</i>	205.07 34.82	18.58
23 37 13 13-0239			304 Stainless Steel, Linear Bar Grilles (23 37 13 13-0214)		
23 37 13 13-0240	SF		Up To 4 SF, 304 Stainless Steel, Linear Bar Grille <i>For 316 Stainless Steel, Add</i>	311.03 56.01	18.58
23 37 13 13-0241	SF		>4 SF, 304 Stainless Steel, Linear Bar Grille <i>For 316 Stainless Steel, Add</i>	267.13 47.23	18.58
23 37 13 13-0242			304 Stainless Steel, Hinged Filter Grilles (23 37 13 13-0214)		
23 37 13 13-0243	SF		Up To 4 SF, 304 Stainless Steel, Hinged Filter Grille <i>For 316 Stainless Steel, Add</i>	230.17 39.84	18.58
23 37 13 13-0244	SF		>4 SF, 304 Stainless Steel, Hinged Filter Grille <i>For 316 Stainless Steel, Add</i>	160.93 25.99	18.58
23 37 13 13-0245			304 Stainless Steel, Opposed Blade Dampers Grilles (23 37 13 13-0214)		
23 37 13 13-0246	SF		Up To 4 SF, 304 Stainless Steel, Opposed Blade Dampers Grille <i>For 316 Stainless Steel, Add</i>	126.68 19.14	18.58
23 37 13 13-0247	SF		Opposed Blade Dampers Grille, Stainless Steel 304, > 4 SF <i>For 316 Stainless Steel, Add</i>	97.88 13.38	18.58
23 37 13 13-0248			304 Stainless Steel, Plaster Frames Replacement (23 37 13 13-0214) Note: For frequent replacement.		
23 37 13 13-0249	SF		To 4 SF, 304 Stainless Steel, Plaster Frames Replacement <i>For 316 Stainless Steel, Add</i>	99.97 13.80	18.58
23 37 13 13-0250	SF		>4 SF, 304 Stainless Steel, Plaster Frames Replacement <i>For 316 Stainless Steel, Add</i>	55.83 4.97	18.58
23 37 13 13-0251			304 Stainless Steel, Modular Louvered Ceiling Diffusers (23 37 13 13-0214)		
23 37 13 13-0252	SF		Up To 4 SF, 304 Stainless Steel, Modular Louvered Ceiling Diffuser <i>For 316 Stainless Steel, Add</i>	226.83 39.17	18.58
23 37 13 13-0253	SF		>4 SF, 304 Stainless Steel, Modular Louvered Ceiling Diffuser <i>For 316 Stainless Steel, Add</i>	178.74 29.55	18.58
23 37 13 13-0254			304 Stainless Steel, Latticed Supply/Return Grilles (23 37 13 13-0214)		
23 37 13 13-0255	SF		Up To 4 SF, 304 Stainless Steel, Latticed Supply/Return Grille <i>For 316 Stainless Steel, Add</i>	83.28 10.46	18.58
23 37 13 13-0256	SF		>4 SF, 304 Stainless Steel, Latticed Supply/Return Grille <i>For 316 Stainless Steel, Add</i>	83.28 10.46	18.58
23 37 13 13-0257			Removal And Reinstallation Of Distribution Devices (23 37 13 13) Note: Includes storage and cleaning. Excludes ductwork.		
23 37 13 13-0258	EA		Removal And Reinstallation Of Variable Air Volume Terminal Unit	222.95	
23 37 13 13-0259	EA		Removal And Reinstallation Of Fan Powered Variable Volume Terminal Unit	245.91	
23 37 13 13-0260	EA		Removal And Reinstallation Of Lay-in Diffuser/Register/Grille	36.86	
23 37 13 13-0261	EA		Removal And Reinstallation Of Surface Mounted Diffuser/Register/Grille	49.92	
23 37 13 43			Security Registers and Grilles (23 37 13)		
23 37 13 43-0001			Security Supply Or Return Grille (23 37 13 43) Note: Designed for maximum security applications, 3/16" steel face plate with 2" x 2" square holes, 1/4" steel backer plate, 3/16" welded steel sleeve, 10 gauge x 2 wire mesh between face and backer plates, 1" x 1" x 3/16" angle iron frame, standard finish.		
23 37 13 43-0002	EA		8" x 4" Steel Security Grille <i>For Anchoring Tabs, Add</i> <i>For Rear Operated Opposed Blade Damper, Add</i> <i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i> <i>For 1" x 1" Square Holes On Face, Add</i> <i>For Stainless Steel, Add</i>	281.23 24.55 89.50 0.35 61.37 319.14	17.87
23 37 13 43-0003	EA		8" x 6" Steel Security Grille <i>For Anchoring Tabs, Add</i> <i>For Rear Operated Opposed Blade Damper, Add</i> <i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i> <i>For 1" x 1" Square Holes On Face, Add</i> <i>For Stainless Steel, Add</i>	312.19 27.53 100.03 0.35 68.81 357.83	18.46
23 37 13 43-0004	EA		8" x 8" Steel Security Grille <i>For Anchoring Tabs, Add</i> <i>For Rear Operated Opposed Blade Damper, Add</i> <i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i> <i>For 1" x 1" Square Holes On Face, Add</i> <i>For Stainless Steel, Add</i>	357.86 31.62 114.83 0.35 79.04 411.01	20.85
23 37 13 43-0005	EA		10" x 4" Steel Security Grille <i>For Anchoring Tabs, Add</i> <i>For Rear Operated Opposed Blade Damper, Add</i> <i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i> <i>For 1" x 1" Square Holes On Face, Add</i> <i>For Stainless Steel, Add</i>	312.04 27.15 99.09 0.35 67.88 352.99	20.25

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 37 Air Outlets and Inlets**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 37 13 43-0006	EA 10" x 6" Steel Security Grille	333.01	21.44
	For Anchoring Tabs, Add	29.01	
	For Rear Operated Opposed Blade Damper, Add	105.83	
	For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
	For 1" x 1" Square Holes On Face, Add	72.53	
	For Stainless Steel, Add	377.16	
23 37 13 43-0007	EA 10" x 8" Steel Security Grille	381.23	23.23
	For Anchoring Tabs, Add	33.48	
	For Rear Operated Opposed Blade Damper, Add	121.81	
	For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
	For 1" x 1" Square Holes On Face, Add	83.69	
	For Stainless Steel, Add	435.19	
23 37 13 43-0008	EA 10" x 10" Steel Security Grille	425.70	25.02
	For Anchoring Tabs, Add	37.57	
	For Rear Operated Opposed Blade Damper, Add	136.49	
	For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
	For 1" x 1" Square Holes On Face, Add	93.92	
	For Stainless Steel, Add	488.37	
23 37 13 43-0009	EA 12" x 4" Steel Security Grille	327.96	22.64
	For Anchoring Tabs, Add	28.27	
	For Rear Operated Opposed Blade Damper, Add	103.47	
	For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
	For 1" x 1" Square Holes On Face, Add	70.67	
	For Stainless Steel, Add	367.50	
23 37 13 43-0010	EA 12" x 6" Steel Security Grille	366.19	25.02
	For Anchoring Tabs, Add	31.62	
	For Rear Operated Opposed Blade Damper, Add	115.66	
	For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
	For 1" x 1" Square Holes On Face, Add	79.04	
	For Stainless Steel, Add	411.01	
23 37 13 43-0011	EA 12" x 8" Steel Security Grille	418.13	26.81
	For Anchoring Tabs, Add	36.45	
	For Rear Operated Opposed Blade Damper, Add	132.94	
	For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
	For 1" x 1" Square Holes On Face, Add	91.13	
	For Stainless Steel, Add	473.88	
23 37 13 43-0012	EA 12" x 10" Steel Security Grille	455.17	28.59
	For Anchoring Tabs, Add	39.80	
	For Rear Operated Opposed Blade Damper, Add	145.01	
	For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
	For 1" x 1" Square Holes On Face, Add	99.50	
	For Stainless Steel, Add	517.39	
23 37 13 43-0013	EA 12" x 12" Steel Security Grille	503.38	30.38
	For Anchoring Tabs, Add	44.26	
	For Rear Operated Opposed Blade Damper, Add	161.00	
	For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
	For 1" x 1" Square Holes On Face, Add	110.66	
	For Stainless Steel, Add	575.42	
23 37 13 43-0014	EA 14" x 4" Steel Security Grille	350.12	24.42
	For Anchoring Tabs, Add	30.13	
	For Rear Operated Opposed Blade Damper, Add	110.33	
	For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
	For 1" x 1" Square Holes On Face, Add	75.32	
	For Stainless Steel, Add	391.66	
23 37 13 43-0015	EA 14" x 6" Steel Security Grille	394.62	26.21
	For Anchoring Tabs, Add	34.22	
	For Rear Operated Opposed Blade Damper, Add	125.01	
	For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
	For 1" x 1" Square Holes On Face, Add	85.55	
	For Stainless Steel, Add	444.86	
23 37 13 43-0016	EA 14" x 8" Steel Security Grille	440.29	28.59
	For Anchoring Tabs, Add	38.31	
	For Rear Operated Opposed Blade Damper, Add	139.81	
	For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
	For 1" x 1" Square Holes On Face, Add	95.78	
	For Stainless Steel, Add	498.04	
23 37 13 43-0017	EA 14" x 10" Steel Security Grille	497.14	30.98
	For Anchoring Tabs, Add	43.52	
	For Rear Operated Opposed Blade Damper, Add	158.51	
	For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
	For 1" x 1" Square Holes On Face, Add	108.80	
	For Stainless Steel, Add	565.75	
23 37 13 43-0018	EA 14" x 12" Steel Security Grille	547.73	33.96
	For Anchoring Tabs, Add	47.98	
	For Rear Operated Opposed Blade Damper, Add	174.73	
	For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
	For 1" x 1" Square Holes On Face, Add	119.96	
	For Stainless Steel, Add	623.77	
23 37 13 43-0019	EA 14" x 14" Steel Security Grille	589.69	36.34
	For Anchoring Tabs, Add	51.70	
	For Rear Operated Opposed Blade Damper, Add	188.22	
	For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
	For 1" x 1" Square Holes On Face, Add	129.26	
	For Stainless Steel, Add	672.13	
23 37 13 43-0020	EA 16" x 6" Steel Security Grille	421.70	28.59
	For Anchoring Tabs, Add	36.45	
	For Rear Operated Opposed Blade Damper, Add	133.30	
	For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
	For 1" x 1" Square Holes On Face, Add	91.13	
	For Stainless Steel, Add	473.88	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 43-0021	EA		16" x 8" Steel Security Grille	482.26	30.98
			For Anchoring Tabs, Add	42.03	
			For Rear Operated Opposed Blade Damper, Add	153.30	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	105.08	
			For Stainless Steel, Add	546.40	
23 37 13 43-0022	EA		16" x 10" Steel Security Grille	520.49	33.36
			For Anchoring Tabs, Add	45.38	
			For Rear Operated Opposed Blade Damper, Add	165.49	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	113.45	
			For Stainless Steel, Add	589.91	
23 37 13 43-0023	EA		16" x 12" Steel Security Grille	587.31	35.14
			For Anchoring Tabs, Add	51.70	
			For Rear Operated Opposed Blade Damper, Add	187.99	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	129.26	
			For Stainless Steel, Add	672.13	
23 37 13 43-0024	EA		16" x 14" Steel Security Grille	621.82	37.53
			For Anchoring Tabs, Add	54.68	
			For Rear Operated Opposed Blade Damper, Add	198.87	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	136.69	
			For Stainless Steel, Add	710.80	
23 37 13 43-0025	EA		16" x 16" Steel Security Grille	674.95	39.92
			For Anchoring Tabs, Add	59.51	
			For Rear Operated Opposed Blade Damper, Add	216.28	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	148.78	
			For Stainless Steel, Add	773.67	
23 37 13 43-0026	EA		18" x 6" Steel Security Grille	447.44	32.16
			For Anchoring Tabs, Add	38.31	
			For Rear Operated Opposed Blade Damper, Add	140.52	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	95.78	
			For Stainless Steel, Add	498.04	
23 37 13 43-0027	EA		18" x 8" Steel Security Grille	511.73	34.55
			For Anchoring Tabs, Add	44.26	
			For Rear Operated Opposed Blade Damper, Add	161.83	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	110.66	
			For Stainless Steel, Add	575.42	
23 37 13 43-0028	EA		18" x 10" Steel Security Grille	561.12	36.94
			For Anchoring Tabs, Add	48.73	
			For Rear Operated Opposed Blade Damper, Add	177.93	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	121.82	
			For Stainless Steel, Add	633.44	
23 37 13 43-0029	EA		18" x 12" Steel Security Grille	617.96	39.32
			For Anchoring Tabs, Add	53.93	
			For Rear Operated Opposed Blade Damper, Add	196.63	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	134.83	
			For Stainless Steel, Add	701.13	
23 37 13 43-0030	EA		18" x 14" Steel Security Grille	661.41	38.72
			For Anchoring Tabs, Add	58.40	
			For Rear Operated Opposed Blade Damper, Add	212.13	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	145.99	
			For Stainless Steel, Add	759.16	
23 37 13 43-0031	EA		18" x 16" Steel Security Grille	724.49	40.51
			For Anchoring Tabs, Add	64.35	
			For Rear Operated Opposed Blade Damper, Add	233.32	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	160.87	
			For Stainless Steel, Add	836.52	
23 37 13 43-0032	EA		18" x 18" Steel Security Grille	776.43	42.29
			For Anchoring Tabs, Add	69.18	
			For Rear Operated Opposed Blade Damper, Add	250.60	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	172.96	
			For Stainless Steel, Add	899.39	
23 37 13 43-0033	EA		20" x 6" Steel Security Grille	479.44	35.14
			For Anchoring Tabs, Add	40.92	
			For Rear Operated Opposed Blade Damper, Add	150.23	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	102.29	
			For Stainless Steel, Add	531.90	
23 37 13 43-0034	EA		20" x 8" Steel Security Grille	542.38	38.72
			For Anchoring Tabs, Add	46.49	
			For Rear Operated Opposed Blade Damper, Add	170.47	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	116.24	
			For Stainless Steel, Add	604.42	
23 37 13 43-0035	EA		20" x 10" Steel Security Grille	598.03	40.51
			For Anchoring Tabs, Add	51.70	
			For Rear Operated Opposed Blade Damper, Add	189.06	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	129.26	
			For Stainless Steel, Add	672.13	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 37 Air Outlets and Inlets



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 43-0036	EA		20" x 12" Steel Security Grille	658.59	42.90
			For Anchoring Tabs, Add	57.28	
			For Rear Operated Opposed Blade Damper, Add	209.06	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	143.20	
			For Stainless Steel, Add	744.65	
23 37 13 43-0037	EA		20" x 14" Steel Security Grille	725.38	44.68
			For Anchoring Tabs, Add	63.60	
			For Rear Operated Opposed Blade Damper, Add	231.55	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	159.01	
			For Stainless Steel, Add	826.85	
23 37 13 43-0038	EA		20" x 16" Steel Security Grille	784.76	46.47
			For Anchoring Tabs, Add	69.18	
			For Rear Operated Opposed Blade Damper, Add	251.44	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	172.96	
			For Stainless Steel, Add	899.39	
23 37 13 43-0039	EA		20" x 18" Steel Security Grille	840.41	48.25
			For Anchoring Tabs, Add	74.39	
			For Rear Operated Opposed Blade Damper, Add	270.02	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	185.98	
			For Stainless Steel, Add	967.08	
23 37 13 43-0040	EA		20" x 20" Steel Security Grille	907.22	50.04
			For Anchoring Tabs, Add	80.71	
			For Rear Operated Opposed Blade Damper, Add	292.51	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	201.79	
			For Stainless Steel, Add	1,049.28	
23 37 13 43-0041	EA		24" x 6" Steel Security Grille	532.40	39.32
			For Anchoring Tabs, Add	45.38	
			For Rear Operated Opposed Blade Damper, Add	166.69	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	113.45	
			For Stainless Steel, Add	589.91	
23 37 13 43-0042	EA		24" x 8" Steel Security Grille	602.79	42.90
			For Anchoring Tabs, Add	51.70	
			For Rear Operated Opposed Blade Damper, Add	189.53	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	129.26	
			For Stainless Steel, Add	672.13	
23 37 13 43-0043	EA		24" x 10" Steel Security Grille	660.97	44.08
			For Anchoring Tabs, Add	57.28	
			For Rear Operated Opposed Blade Damper, Add	209.30	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	143.20	
			For Stainless Steel, Add	744.65	
23 37 13 43-0044	EA		24" x 12" Steel Security Grille	741.16	48.84
			For Anchoring Tabs, Add	64.35	
			For Rear Operated Opposed Blade Damper, Add	234.99	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	160.87	
			For Stainless Steel, Add	836.52	
23 37 13 43-0045	EA		24" x 14" Steel Security Grille	800.52	50.64
			For Anchoring Tabs, Add	69.93	
			For Rear Operated Opposed Blade Damper, Add	254.87	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	174.82	
			For Stainless Steel, Add	909.05	
23 37 13 43-0046	EA		24" x 16" Steel Security Grille	874.78	52.42
			For Anchoring Tabs, Add	77.00	
			For Rear Operated Opposed Blade Damper, Add	279.97	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	192.49	
			For Stainless Steel, Add	1,000.94	
23 37 13 43-0047	EA		24" x 18" Steel Security Grille	960.18	54.21
			For Anchoring Tabs, Add	85.18	
			For Rear Operated Opposed Blade Damper, Add	308.96	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	212.95	
			For Stainless Steel, Add	1,107.31	
23 37 13 43-0048	EA		24" x 20" Steel Security Grille	1,019.53	55.99
			For Anchoring Tabs, Add	90.76	
			For Rear Operated Opposed Blade Damper, Add	328.85	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	226.89	
			For Stainless Steel, Add	1,179.84	
23 37 13 43-0049	EA		24" x 24" Steel Security Grille	1,145.71	59.57
			For Anchoring Tabs, Add	102.66	
			For Rear Operated Opposed Blade Damper, Add	371.22	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	256.65	
			For Stainless Steel, Add	1,334.58	

23 37 23 HVAC Gravity Ventilators (23 37)

23 37 23 13 HVAC Gravity Dome Ventilators (23 37 23)

23 37 23 13-0001 Rectangular Gravity Intake/Relief Ventilator Hood (23 37 23 13)

Note: Includes flange base and bird screen. Excludes curb.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 23 13-0002	EA	8" x 8"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	682.53	68.97
23 37 23 13-0003	EA	8" x 12"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	727.68	78.96
23 37 23 13-0004	EA	8" x 18"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	909.24	98.22
23 37 23 13-0005	EA	8" x 24"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	968.47	104.52
23 37 23 13-0006	EA	8" x 30"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,130.31	121.65
23 37 23 13-0007	EA	10" x 10"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	802.41	78.48
23 37 23 13-0008	EA	12" x 12"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	884.02	88.47
23 37 23 13-0009	EA	12" x 18"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,018.76	95.13
23 37 23 13-0010	EA	12" x 24"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,120.13	115.29
23 37 23 13-0011	EA	12" x 30"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,280.27	123.67
23 37 23 13-0012	EA	12" x 36"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,440.24	131.27
23 37 23 13-0013	EA	14" x 14"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	953.94	89.54
23 37 23 13-0014	EA	14" x 18"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,087.07	102.02
23 37 23 13-0015	EA	14" x 24"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,220.22	114.51
23 37 23 13-0016	EA	14" x 30"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,375.44	129.14
23 37 23 13-0017	EA	14" x 36"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,553.00	145.79
23 37 23 13-0018	EA	16" x 16"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,153.57	108.32
23 37 23 13-0019	EA	16" x 20"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,197.98	112.49
23 37 23 13-0020	EA	16" x 24"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,331.12	124.97
23 37 23 13-0021	EA	16" x 30"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,508.56	141.63
23 37 23 13-0022	EA	16" x 36"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,686.00	158.27
23 37 23 13-0023	EA	16" x 42"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,930.05	181.22
23 37 23 13-0024	EA	18" x 18"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,145.77	106.78
23 37 23 13-0025	EA	18" x 24"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,333.22	124.27
23 37 23 13-0026	EA	18" x 30"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,520.78	141.74
23 37 23 13-0027	EA	18" x 36"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,729.08	161.12
23 37 23 13-0028	EA	18" x 42"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,916.54	178.60
23 37 23 13-0029	EA	20" x 20"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,209.86	118.44
23 37 23 13-0030	EA	20" x 24"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,368.47	134.01
23 37 23 13-0031	EA	20" x 30"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,527.19	149.47
23 37 23 13-0032	EA	20" x 36"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,765.22	172.77
23 37 23 13-0033	EA	20" x 42"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,943.69	190.26
23 37 23 13-0034	EA	24" x 24"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,536.13	159.22
23 37 23 13-0035	EA	24" x 30"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,704.69	176.70
23 37 23 13-0036	EA	24" x 36"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,948.27	201.91
23 37 23 13-0037	EA	24" x 42"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,135.58	221.29
23 37 23 13-0038	EA	24" x 48"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,341.65	242.70
23 37 23 13-0039	EA	30" x 30"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,836.63	181.22
23 37 23 13-0040	EA	30" x 36"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,023.70	199.65
23 37 23 13-0041	EA	30" x 42"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,227.87	219.75
23 37 23 13-0042	EA	30" x 48"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,431.91	239.96
23 37 23 13-0043	EA	30" x 54"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,959.05	291.92
23 37 23 13-0044	EA	30" x 60"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,163.22	312.02
23 37 23 13-0045	EA	36" x 36"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,135.84	224.86
23 37 23 13-0046	EA	36" x 42"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,342.98	246.62
23 37 23 13-0047	EA	36" x 48"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,805.20	295.26
23 37 23 13-0048	EA	36" x 54"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,123.93	328.79
23 37 23 13-0049	EA	36" x 60"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,315.28	349.00
23 37 23 13-0050	EA	36" x 66"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,570.26	375.76
23 37 23 13-0051	EA	36" x 72"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,016.57	422.72
23 37 23 13-0052	EA	42" x 42"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,529.72	251.73
23 37 23 13-0053	EA	42" x 48"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,140.79	312.50
23 37 23 13-0054	EA	42" x 54"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,581.41	356.37
23 37 23 13-0055	EA	42" x 60"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,709.25	369.10
23 37 23 13-0056	EA	42" x 66"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,135.62	411.43
23 37 23 13-0057	EA	42" x 72"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,547.74	452.45
23 37 23 13-0058	EA	48" x 48"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,374.79	363.39
23 37 23 13-0059	EA	48" x 54"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,650.63	393.12
23 37 23 13-0060	EA	48" x 60"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,926.35	422.85
23 37 23 13-0061	EA	48" x 66"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,359.70	469.46
23 37 23 13-0062	EA	48" x 72"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,592.30	475.64
23 37 23 13-0063	EA	54" x 54"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,903.76	409.64
23 37 23 13-0064	EA	54" x 60"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,378.87	459.47
23 37 23 13-0065	EA	54" x 66"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,751.33	498.59
23 37 23 13-0066	EA	54" x 72"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	5,059.41	530.94
23 37 23 13-0067	EA	60" x 60"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,865.13	510.00
23 37 23 13-0068	EA	60" x 66"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	5,118.12	543.66
23 37 23 13-0069	EA	60" x 72"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	5,489.56	585.40
23 37 23 13-0070	EA	66" x 66"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	5,166.73	588.13
23 37 23 13-0071	EA	66" x 72"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,041.92	687.78
23 37 23 13-0072	EA	72" x 72"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,145.28	634.15

23 38 Ventilation Hoods (23 30)
23 38 13 Commercial-Kitchen Hoods (23 38)
23 38 13 13 Listed Commercial-Kitchen Hoods (23 38 13)
23 38 13 13-0001 Universal Ventless Hood (23 38 13 13)

23 38 13 13-0002	EA	109" Wide x 50" Deep x 102" High, Ventless Exhaust Hood With Stand, (Wells WVU-96)	50,581.07	492.30
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23 38 13 16 Standard Commercial-Kitchen Hoods (23 38 13)

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 38 Ventilation Hoods**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 38 13 16-0001			Commercial Kitchen Hood Ventilation System <small>(23 38 13 16)</small> Note: Excludes fire suppression. See CSI section 21 24 16 00-0000 for fire suppression system, 23 31 13 23-0000 for duct, 23 34 16 00-0108 for exhaust and supply fans.		
23 38 13 16-0002			Dry Filter Exhaust Hoods <small>(23 38 13 16-0001)</small> Note: Includes stainless steel filters, exhaust damper and 48" long fluorescent light fixtures.		
23 38 13 16-0003	EA		8' Long x 60" Deep Dry Filter Exhaust Hood.....	12,036.15	923.64
23 38 13 16-0004	EA		8'-6" Long x 60" Deep Dry Filter Exhaust Hood.....	12,536.78	981.38
23 38 13 16-0005	EA		9' Long x 60" Deep Dry Filter Exhaust Hood.....	13,987.61	1,039.10
23 38 13 16-0006	EA		9'-6" Long x 60" Deep Dry Filter Exhaust Hood.....	14,409.42	1,096.83
23 38 13 16-0007	EA		10' Long x 60" Deep Dry Filter Exhaust Hood.....	14,924.08	1,154.56
23 38 13 16-0008	EA		10'-6" Long x 60" Deep Dry Filter Exhaust Hood.....	15,468.37	1,212.28
23 38 13 16-0009	EA		11' Long x 60" Deep Dry Filter Exhaust Hood.....	15,983.72	1,270.01
23 38 13 16-0010	EA		11'-6" Long x 60" Deep Dry Filter Exhaust Hood.....	16,514.99	1,327.74
23 38 13 16-0011	EA		12' Long x 60" Deep Dry Filter Exhaust Hood.....	17,106.75	1,385.47
23 38 13 16-0012	EA		12'-6" Long x 60" Deep Dry Filter Exhaust Hood.....	17,619.21	1,443.20
23 38 13 16-0013	EA		13' Long x 60" Deep Dry Filter Exhaust Hood.....	18,042.14	1,500.93
23 38 13 16-0014	EA		13'-6" Long x 60" Deep Dry Filter Exhaust Hood.....	18,758.69	1,558.65
23 38 13 16-0015	EA		14' Long x 60" Deep Dry Filter Exhaust Hood.....	21,003.05	1,616.38
23 38 13 16-0016	EA		14'-6" Long x 60" Deep Dry Filter Exhaust Hood.....	21,567.47	1,674.10
23 38 13 16-0017	EA		15" Long x 60" Deep Dry Filter Exhaust Hood.....	22,336.95	1,731.83
23 38 13 16-0018	EA		15'-6" Long x 60" Deep Dry Filter Exhaust Hood.....	22,914.33	1,789.57
23 38 13 16-0019	EA		16' Long x 60" Deep Dry Filter Exhaust Hood.....	23,780.69	1,847.29
23 38 13 16-0020			Dry Extractor Exhaust Hoods <small>(23 38 13 16-0001)</small> Note: Includes extractor inserts, exhaust damper, 48" long fluorescent light fixtures, and UDS filler panels.		
23 38 13 16-0021	EA		8' Long x 60" Deep Dry Extractor Exhaust Hood.....	16,885.70	923.64
23 38 13 16-0022	EA		8'-6" Long x 60" Deep Dry Extractor Exhaust Hood.....	17,417.03	981.38
23 38 13 16-0023	EA		9' Long x 60" Deep Dry Extractor Exhaust Hood.....	18,959.94	1,039.10
23 38 13 16-0024	EA		9'-6" Long x 60" Deep Dry Extractor Exhaust Hood.....	19,504.52	1,096.83
23 38 13 16-0025	EA		10' Long x 60" Deep Dry Extractor Exhaust Hood.....	20,049.87	1,154.56
23 38 13 16-0026	EA		10'-6" Long x 60" Deep Dry Extractor Exhaust Hood.....	20,563.47	1,212.28
23 38 13 16-0027	EA		11' Long x 60" Deep Dry Extractor Exhaust Hood.....	21,109.51	1,270.01
23 38 13 16-0028	EA		11'-6" Long x 60" Deep Dry Extractor Exhaust Hood.....	21,625.44	1,327.74
23 38 13 16-0029	EA		12' Long x 60" Deep Dry Extractor Exhaust Hood.....	22,109.77	1,385.47
23 38 13 16-0030	EA		12'-6" Long x 60" Deep Dry Extractor Exhaust Hood.....	22,806.39	1,443.20
23 38 13 16-0031	EA		13' Long x 60" Deep Dry Extractor Exhaust Hood.....	23,612.98	1,500.93
23 38 13 16-0032	EA		13'-6" Long x 60" Deep Dry Extractor Exhaust Hood.....	24,467.65	1,558.65
23 38 13 16-0033	EA		14' Long x 60" Deep Dry Extractor Exhaust Hood.....	26,266.96	1,616.38
23 38 13 16-0034	EA		14'-6" Long x 60" Deep Dry Extractor Exhaust Hood.....	27,138.31	1,674.10
23 38 13 16-0035	EA		15" Long x 60" Deep Dry Extractor Exhaust Hood.....	28,843.94	1,731.83
23 38 13 16-0036	EA		15'-6" Long x 60" Deep Dry Extractor Exhaust Hood.....	30,572.32	1,789.57
23 38 13 16-0037	EA		16' Long x 60" Deep Dry Extractor Exhaust Hood.....	32,282.75	1,847.29
23 38 13 16-0038			Single Manifold Water Wash Exhaust Hoods <small>(23 38 13 16-0001)</small> Note: Includes extraction baffles, 48" long fluorescent light fixtures, and UDS filler panels. Excludes fan wash control panel.		
23 38 13 16-0039	EA		8' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	18,113.43	923.64
23 38 13 16-0040	EA		8'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	18,675.45	981.38
23 38 13 16-0041	EA		9' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	20,249.06	1,039.10
23 38 13 16-0042	EA		9'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	20,808.98	1,096.83
23 38 13 16-0043	EA		10' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	21,400.38	1,154.56
23 38 13 16-0044	EA		10'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	21,944.67	1,212.28
23 38 13 16-0045	EA		11' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	22,506.06	1,270.01
23 38 13 16-0046	EA		11'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	23,068.02	1,327.74
23 38 13 16-0047	EA		12' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	23,567.70	1,385.47
23 38 13 16-0048	EA		12'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	24,325.71	1,443.20
23 38 13 16-0049	EA		13' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	25,193.69	1,500.93
23 38 13 16-0050	EA		13'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	26,109.75	1,558.65
23 38 13 16-0051	EA		14' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	27,970.44	1,616.38
23 38 13 16-0052	EA		14'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	28,903.18	1,674.10
23 38 13 16-0053	EA		15" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	30,777.62	1,731.83
23 38 13 16-0054	EA		15'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	31,707.97	1,789.57
23 38 13 16-0055	EA		16' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	32,635.73	1,847.29
23 38 13 16-0056	EA		Fan Wash Control Panel.....	13,012.77	461.82
			Note: Includes time clock and backflow preventer.		
23 38 13 16-0057			Utility Distribution System (UDS) <small>(23 38 13 16-0001)</small> Note: Includes "L" shaped primary riser, secondary riser, horizontal mechanical and electrical raceway; 2" IPS looped gas manifold with two (2) solenoid gas valves; 1" hot water manifold; 1" cold water manifold; 100 Amp 120-208 VAC/3 Ph/60 Hz main shunt trip connectors; equipment restraints; flexible drain connectors; and power interruption device. Excludes main shunt breaker.		
23 38 13 16-0058	EA		8' Long UDS.....	34,778.49	469.68
23 38 13 16-0059	EA		8'-6" Long UDS.....	35,805.10	481.11
23 38 13 16-0060	EA		9' Long UDS.....	36,820.52	492.30
23 38 13 16-0061	EA		9'-6" Long UDS.....	37,845.07	508.00
23 38 13 16-0062	EA		10' Long UDS.....	38,863.11	520.48
23 38 13 16-0063	EA		10'-6" Long UDS.....	39,871.60	533.63
23 38 13 16-0064	EA		11' Long UDS.....	40,893.68	542.75
23 38 13 16-0065	EA		11'-6" Long UDS.....	41,915.28	557.08
23 38 13 16-0066	EA		12' Long UDS.....	42,948.85	577.28
23 38 13 16-0067	EA		12'-6" Long UDS.....	43,996.88	604.75
23 38 13 16-0068	EA		13' Long UDS.....	45,025.49	622.54

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 38 13 16-0069	EA		13'-6" Long UDS	46,069.37	647.93
23 38 13 16-0070	EA		14' Long UDS	47,103.33	668.37
23 38 13 16-0071	EA		14'-6" Long UDS	48,139.96	690.20
23 38 13 16-0072	EA		15' Long UDS	49,179.55	713.52
23 38 13 16-0073	EA		15'-6" Long UDS	50,222.37	738.34
23 38 13 16-0074	EA		16' Long UDS	51,250.58	756.00

23 38 13 16-0075 Stainless Steel Exhaust Hood Material (23 38 13 16)

Note: Welded seams.

23 38 13 16-0076	SF		16 Gauge, Type 304, Stainless Steel Exhaust Hood Material	43.66	15.30
			<i>For Type 316 Stainless Steel, Add</i>	1.19	
23 38 13 16-0077	SF		14 Gauge, Type 304, Stainless Steel Exhaust Hood Material	54.56	20.39
			<i>For Type 316 Stainless Steel, Add</i>	1.49	
23 38 13 16-0078	SF		12 Gauge, Type 304, Stainless Steel Exhaust Hood Material	75.76	27.53
			<i>For Type 316 Stainless Steel, Add</i>	2.09	
23 38 13 16-0079	SF		10 Gauge, Type 304, Stainless Steel Exhaust Hood Material	94.79	33.65
			<i>For Type 316 Stainless Steel, Add</i>	2.68	

23 38 13 16-0080 Kitchen Exhaust Hood (23 38 13 16)

23 38 13 16-0081	EA		10' x 4', Type 1, Low Ceiling Sloped Front Commercial Kitchen Hood System With PSP Makeup Air (Halifax LPSHP1048)	10,320.23	2,194.66
			Note: Ductwork connections by others.		
			<i>For Type 316 Stainless Steel, Add</i>	593.09	
23 38 13 16-0082	EA		8' x 4', Type 1, Commercial Kitchen Hood System With Short Cycle Makeup Air (Halifax SCHP848)	9,442.36	1,755.72
			Note: Ductwork connections by others.		
			<i>For Type 316 Stainless Steel, Add</i>	593.09	
23 38 13 16-0083	EA		4' x 4', Type 1, Low Ceiling Sloped Front Commercial Kitchen Hood System (Halifax LEXHP448)	5,135.20	877.86
			Note: Ductwork connections by others.		
			<i>For Type 316 Stainless Steel, Add</i>	337.95	
23 38 13 16-0084	EA		6' x 4', Type 1, Low Ceiling Sloped Front Commercial Kitchen Hood System (Halifax LEXHP648)	6,592.22	1,316.80
			Note: Ductwork connections by others.		
			<i>For Type 316 Stainless Steel, Add</i>	395.86	
23 38 13 16-0085	EA		5' x 4', Type 1, Commercial Kitchen Hood System (Halifax EXHP548)	5,949.81	1,097.33
			Note: Ductwork connections by others.		
			<i>For Type 316 Stainless Steel, Add</i>	375.52	

23 40 HVAC Air Cleaning Devices (23)

23 41 Particulate Air Filtration (23 40)

23 41 13 Panel Air Filters (23 41)

23 41 13 00-0001 Disposable Air Filters (23 41 13)

23 41 13 00-0002	EA		Throwaway Glass Or Paper Media Filter, Residential	13.92	
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23 41 13 00-0003 Disposable Fiberglass Air Filters (23 41 13)

23 41 13 00-0004	EA		8" x 16" x 1" Disposable Fiberglass Air Filter, MERV 5	14.13	5.72
			Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0005	EA		8" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5	14.13	5.72
			Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0006	EA		8" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5	13.80	5.72
			Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0007	EA		10" x 10" x 1" Disposable Fiberglass Air Filter, MERV 5	13.62	5.99
			Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0008	EA		10" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5	13.62	5.99
			Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0009	EA		10" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5	13.62	5.99
			Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0010	EA		10" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5	13.62	5.99
			Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0011	EA		10" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5	13.89	5.99
			Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0012	EA		12" x 12" x 1" Disposable Fiberglass Air Filter, MERV 5	14.41	6.25
			Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0013	EA		12" x 16" x 1" Disposable Fiberglass Air Filter, MERV 5	14.38	6.25
			Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0014	EA		12" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5	13.62	6.25
			Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0015	EA		12" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5	13.62	6.25
			Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0016	EA		12" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5	13.62	6.25
			Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0017	EA		12" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5	16.59	6.25
			Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0018	EA		12" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5	19.98	6.25
			Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0019	EA		14" x 14" x 1" Disposable Fiberglass Air Filter, MERV 5	15.55	6.61
			Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0020	EA		14" x 18" x 1" Disposable Fiberglass Air Filter, MERV 5	18.39	6.61
			Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0021	EA		14" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5	14.46	6.61
			Note: One-piece kraft fiberboard frame with two metal grids.		

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 40 HVAC Air Cleaning Devices****23 41 Particulate Air Filtration**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 41 13 00-0022	EA	14" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5.....	15.55	6.61
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0023	EA	14" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5.....	14.46	6.61
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0024	EA	14" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5.....	16.58	6.61
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0025	EA	15" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5.....	14.60	6.80
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0026	EA	15" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5.....	14.60	6.80
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0027	EA	15" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5.....	19.55	6.80
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0028	EA	16" x 16" x 1" Disposable Fiberglass Air Filter, MERV 5.....	14.75	6.88
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0029	EA	16" x 18" x 1" Disposable Fiberglass Air Filter, MERV 5.....	16.60	6.88
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0030	EA	16" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5.....	14.81	6.88
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0031	EA	16" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5.....	15.90	6.88
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0032	EA	16" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5.....	14.10	6.88
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0033	EA	16" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5.....	19.69	6.88
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0034	EA	16" x 32" x 1" Disposable Fiberglass Air Filter, MERV 5.....	23.80	6.88
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0035	EA	16" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5.....	23.47	6.88
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0036	EA	18" x 18" x 1" Disposable Fiberglass Air Filter, MERV 5.....	16.26	7.15
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0037	EA	18" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5.....	15.84	7.15
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0038	EA	18" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5.....	16.26	7.15
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0039	EA	18" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5.....	17.70	7.15
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0040	EA	18" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5.....	19.78	7.15
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0041	EA	18" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5.....	22.17	7.15
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0042	EA	19" x 27" x 1" Disposable Fiberglass Air Filter, MERV 5.....	18.26	7.51
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0043	EA	20" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5.....	14.93	7.51
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0044	EA	20" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5.....	18.68	7.51
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0045	EA	20" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5.....	17.80	7.51
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0046	EA	20" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5.....	19.58	7.51
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0047	EA	20" x 32" x 1" Disposable Fiberglass Air Filter, MERV 5.....	24.64	7.51
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0048	EA	20" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5.....	21.98	7.51
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0049	EA	21" x 21" x 1" Disposable Fiberglass Air Filter, MERV 5.....	19.75	7.59
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0050	EA	22" x 22" x 1" Disposable Fiberglass Air Filter, MERV 5.....	18.76	7.68
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0051	EA	24" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5.....	18.88	7.77
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0052	EA	24" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5.....	19.61	7.77
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0053	EA	24" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5.....	27.00	7.77
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0054	EA	25" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5.....	18.99	7.86
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0055	EA	25" x 32" x 1" Disposable Fiberglass Air Filter, MERV 5.....	27.55	7.86
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0056	EA	10" x 10" x 2" Disposable Fiberglass Air Filter, MERV 5.....	15.86	5.99
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0057	EA	10" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5.....	14.63	5.99
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0058	EA	12" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5.....	17.28	6.25
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0059	EA	14" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5.....	17.76	6.61
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0060	EA	14" x 25" x 2" Disposable Fiberglass Air Filter, MERV 5.....	17.76	6.61
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0061	EA	15" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5.....	18.12	6.80
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0062	EA	16" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5.....	17.97	6.88
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0063	EA	16" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5.....	17.78	6.88
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0064	EA	16" x 25" x 2" Disposable Fiberglass Air Filter, MERV 5.....	18.24	6.88
		Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0065	EA	18" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5.....	19.38	7.15
		Note: One-piece kraft fiberboard frame with two metal grids.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 13 00-0066	EA		20" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	19.99	7.51
23 41 13 00-0067	EA		20" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	19.67	7.51
23 41 13 00-0068	EA		20" x 25" x 2" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	19.67	7.51
23 41 13 00-0069	EA		24" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	20.37	7.77
23 41 13 00-0070	EA		25" x 25" x 2" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	20.48	7.86
23 41 13 00-0071 Disposable Pleated Air Filters (23 41 13)					
23 41 13 00-0072	EA		10" x 20" x 1" Disposable Pleated Air Filter, MERV 8.....	14.87	5.99
23 41 13 00-0073	EA		10" x 24" x 1" Disposable Pleated Air Filter, MERV 8.....	23.00	5.99
23 41 13 00-0074	EA		10" x 30" x 1" Disposable Pleated Air Filter, MERV 8.....	29.42	5.99
23 41 13 00-0075	EA		12" x 12" x 1" Disposable Pleated Air Filter, MERV 8.....	19.61	6.25
23 41 13 00-0076	EA		12" x 20" x 1" Disposable Pleated Air Filter, MERV 8.....	18.10	6.25
23 41 13 00-0077	EA		12" x 24" x 1" Disposable Pleated Air Filter, MERV 8.....	17.86	6.25
23 41 13 00-0078	EA		12" x 25" x 1" Disposable Pleated Air Filter, MERV 8.....	17.86	6.25
23 41 13 00-0079	EA		12" x 30" x 1" Disposable Pleated Air Filter, MERV 8.....	29.78	6.25
23 41 13 00-0080	EA		14" x 14" x 1" Disposable Pleated Air Filter, MERV 8.....	22.35	6.61
23 41 13 00-0081	EA		14" x 20" x 1" Disposable Pleated Air Filter, MERV 8.....	18.58	6.61
23 41 13 00-0082	EA		14" x 24" x 1" Disposable Pleated Air Filter, MERV 8.....	24.27	6.61
23 41 13 00-0083	EA		14" x 25" x 1" Disposable Pleated Air Filter, MERV 8.....	19.27	6.61
23 41 13 00-0084	EA		14" x 30" x 1" Disposable Pleated Air Filter, MERV 8.....	28.54	6.61
23 41 13 00-0085	EA		15" x 20" x 1" Disposable Pleated Air Filter, MERV 8.....	18.95	6.80
23 41 13 00-0086	EA		16" x 16" x 1" Disposable Pleated Air Filter, MERV 8.....	22.70	6.88
23 41 13 00-0087	EA		16" x 20" x 1" Disposable Pleated Air Filter, MERV 8.....	18.61	6.88
23 41 13 00-0088	EA		16" x 24" x 1" Disposable Pleated Air Filter, MERV 8.....	22.05	6.88
23 41 13 00-0089	EA		16" x 25" x 1" Disposable Pleated Air Filter, MERV 8.....	19.39	6.88
23 41 13 00-0090	EA		16" x 30" x 1" Disposable Pleated Air Filter, MERV 8.....	28.89	6.88
23 41 13 00-0091	EA		18" x 18" x 1" Disposable Pleated Air Filter, MERV 8.....	30.97	7.15
23 41 13 00-0092	EA		18" x 20" x 1" Disposable Pleated Air Filter, MERV 8.....	22.36	7.15
23 41 13 00-0093	EA		18" x 24" x 1" Disposable Pleated Air Filter, MERV 8.....	21.94	7.15
23 41 13 00-0094	EA		18" x 25" x 1" Disposable Pleated Air Filter, MERV 8.....	21.64	7.15
23 41 13 00-0095	EA		18" x 30" x 1" Disposable Pleated Air Filter, MERV 8.....	31.18	7.15
23 41 13 00-0096	EA		20" x 20" x 1" Disposable Pleated Air Filter, MERV 8.....	20.35	7.51
23 41 13 00-0097	EA		20" x 24" x 1" Disposable Pleated Air Filter, MERV 8.....	21.91	7.51
23 41 13 00-0098	EA		20" x 25" x 1" Disposable Pleated Air Filter, MERV 8.....	21.65	7.51
23 41 13 00-0099	EA		20" x 30" x 1" Disposable Pleated Air Filter, MERV 8.....	24.77	7.51
23 41 13 00-0100	EA		22" x 22" x 1" Disposable Pleated Air Filter, MERV 8.....	30.54	7.68
23 41 13 00-0101	EA		24" x 24" x 1" Disposable Pleated Air Filter, MERV 8.....	23.41	7.77
23 41 13 00-0102	EA		24" x 30" x 1" Disposable Pleated Air Filter, MERV 8.....	38.17	7.77
23 41 13 00-0103	EA		25" x 25" x 1" Disposable Pleated Air Filter, MERV 8.....	24.87	7.86
23 41 13 00-0104	EA		10" x 20" x 2" Disposable Pleated Air Filter, MERV 8.....	17.90	5.99
23 41 13 00-0105	EA		12" x 12" x 2" Disposable Pleated Air Filter, MERV 8.....	23.84	6.25
23 41 13 00-0106	EA		12" x 20" x 2" Disposable Pleated Air Filter, MERV 8.....	18.76	6.25
23 41 13 00-0107	EA		12" x 24" x 2" Disposable Pleated Air Filter, MERV 8.....	18.45	6.25
23 41 13 00-0108	EA		14" x 20" x 2" Disposable Pleated Air Filter, MERV 8.....	19.51	6.61
23 41 13 00-0109	EA		14" x 25" x 2" Disposable Pleated Air Filter, MERV 8.....	20.46	6.61
23 41 13 00-0110	EA		15" x 20" x 2" Disposable Pleated Air Filter, MERV 8.....	19.74	6.80
23 41 13 00-0111	EA		16" x 16" x 2" Disposable Pleated Air Filter, MERV 8.....	25.33	6.88
23 41 13 00-0112	EA		16" x 20" x 2" Disposable Pleated Air Filter, MERV 8.....	19.28	6.88
23 41 13 00-0113	EA		16" x 24" x 2" Disposable Pleated Air Filter, MERV 8.....	22.29	6.88
23 41 13 00-0114	EA		16" x 25" x 2" Disposable Pleated Air Filter, MERV 8.....	20.49	6.88
23 41 13 00-0115	EA		18" x 18" x 2" Disposable Pleated Air Filter, MERV 8.....	29.49	7.15
23 41 13 00-0116	EA		18" x 20" x 2" Disposable Pleated Air Filter, MERV 8.....	24.84	7.15
23 41 13 00-0117	EA		18" x 24" x 2" Disposable Pleated Air Filter, MERV 8.....	22.36	7.15
23 41 13 00-0118	EA		18" x 25" x 2" Disposable Pleated Air Filter, MERV 8.....	23.31	7.15
23 41 13 00-0119	EA		20" x 20" x 2" Disposable Pleated Air Filter, MERV 8.....	21.57	7.51
23 41 13 00-0120	EA		20" x 24" x 2" Disposable Pleated Air Filter, MERV 8.....	23.29	7.51
23 41 13 00-0121	EA		20" x 25" x 2" Disposable Pleated Air Filter, MERV 8.....	22.99	7.51
23 41 13 00-0122	EA		20" x 30" x 2" Disposable Pleated Air Filter, MERV 8.....	34.19	7.51
23 41 13 00-0123	EA		24" x 24" x 2" Disposable Pleated Air Filter, MERV 8.....	24.73	7.77
23 41 13 00-0124	EA		25" x 25" x 2" Disposable Pleated Air Filter, MERV 8.....	27.54	7.86
23 41 13 00-0125	EA		12" x 24" x 4" Disposable Pleated Air Filter, MERV 8.....	29.31	6.25
23 41 13 00-0126	EA		16" x 20" x 4" Disposable Pleated Air Filter, MERV 8.....	31.64	6.88
23 41 13 00-0127	EA		16" x 25" x 4" Disposable Pleated Air Filter, MERV 8.....	33.97	6.88
23 41 13 00-0128	EA		18" x 24" x 4" Disposable Pleated Air Filter, MERV 8.....	36.73	7.15
23 41 13 00-0129	EA		20" x 20" x 4" Disposable Pleated Air Filter, MERV 8.....	34.68	7.51
23 41 13 00-0130	EA		20" x 24" x 4" Disposable Pleated Air Filter, MERV 8.....	37.95	7.51
23 41 13 00-0131	EA		20" x 25" x 4" Disposable Pleated Air Filter, MERV 8.....	38.25	7.51
23 41 13 00-0132	EA		24" x 24" x 4" Disposable Pleated Air Filter, MERV 8.....	41.89	7.77
23 41 13 00-0133	EA		10" x 20" x 1" Disposable Pleated Air Filter, MERV 11.....	26.57	5.99
23 41 13 00-0134	EA		10" x 24" x 1" Disposable Pleated Air Filter, MERV 11.....	26.57	5.99
23 41 13 00-0135	EA		10" x 30" x 1" Disposable Pleated Air Filter, MERV 11.....	35.00	5.99
23 41 13 00-0136	EA		12" x 12" x 1" Disposable Pleated Air Filter, MERV 11.....	28.19	6.25
23 41 13 00-0137	EA		12" x 20" x 1" Disposable Pleated Air Filter, MERV 11.....	27.43	6.25
23 41 13 00-0138	EA		12" x 24" x 1" Disposable Pleated Air Filter, MERV 11.....	27.31	6.25
23 41 13 00-0139	EA		12" x 30" x 1" Disposable Pleated Air Filter, MERV 11.....	39.87	6.25
23 41 13 00-0140	EA		14" x 14" x 1" Disposable Pleated Air Filter, MERV 11.....	32.19	6.61
23 41 13 00-0141	EA		14" x 20" x 1" Disposable Pleated Air Filter, MERV 11.....	28.10	6.61
23 41 13 00-0142	EA		14" x 24" x 1" Disposable Pleated Air Filter, MERV 11.....	36.88	6.61
23 41 13 00-0143	EA		14" x 25" x 1" Disposable Pleated Air Filter, MERV 11.....	36.03	6.61
23 41 13 00-0144	EA		14" x 30" x 1" Disposable Pleated Air Filter, MERV 11.....	42.65	6.61

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 40 HVAC Air Cleaning Devices

23 41 Particulate Air Filtration



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 41 13 00-0145	EA	15" x 20" x 1" Disposable Pleated Air Filter, MERV 11	26.83	6.80
23 41 13 00-0146	EA	16" x 16" x 1" Disposable Pleated Air Filter, MERV 11	38.86	6.88
23 41 13 00-0147	EA	16" x 20" x 1" Disposable Pleated Air Filter, MERV 11	24.90	6.88
23 41 13 00-0148	EA	16" x 24" x 1" Disposable Pleated Air Filter, MERV 11	32.72	6.88
23 41 13 00-0149	EA	16" x 25" x 1" Disposable Pleated Air Filter, MERV 11	29.90	6.88
23 41 13 00-0150	EA	16" x 30" x 1" Disposable Pleated Air Filter, MERV 11	40.17	6.88
23 41 13 00-0151	EA	18" x 18" x 1" Disposable Pleated Air Filter, MERV 11	41.06	7.15
23 41 13 00-0152	EA	18" x 20" x 1" Disposable Pleated Air Filter, MERV 11	34.52	7.15
23 41 13 00-0153	EA	18" x 24" x 1" Disposable Pleated Air Filter, MERV 11	30.91	7.15
23 41 13 00-0154	EA	18" x 25" x 1" Disposable Pleated Air Filter, MERV 11	33.08	7.15
23 41 13 00-0155	EA	18" x 30" x 1" Disposable Pleated Air Filter, MERV 11	46.69	7.15
23 41 13 00-0156	EA	20" x 20" x 1" Disposable Pleated Air Filter, MERV 11	30.95	7.51
23 41 13 00-0157	EA	20" x 24" x 1" Disposable Pleated Air Filter, MERV 11	34.18	7.51
23 41 13 00-0158	EA	20" x 25" x 1" Disposable Pleated Air Filter, MERV 11	34.53	7.51
23 41 13 00-0159	EA	20" x 30" x 1" Disposable Pleated Air Filter, MERV 11	40.55	7.51
23 41 13 00-0160	EA	22" x 22" x 1" Disposable Pleated Air Filter, MERV 11	45.08	7.68
23 41 13 00-0161	EA	24" x 24" x 1" Disposable Pleated Air Filter, MERV 11	37.58	7.77
23 41 13 00-0162	EA	24" x 30" x 1" Disposable Pleated Air Filter, MERV 11	49.39	7.77
23 41 13 00-0163	EA	25" x 25" x 1" Disposable Pleated Air Filter, MERV 11	42.55	7.86
23 41 13 00-0164	EA	10" x 20" x 2" Disposable Pleated Air Filter, MERV 11	27.07	5.99
23 41 13 00-0165	EA	12" x 12" x 2" Disposable Pleated Air Filter, MERV 11	28.52	6.25
23 41 13 00-0166	EA	12" x 20" x 2" Disposable Pleated Air Filter, MERV 11	27.02	6.25
23 41 13 00-0167	EA	12" x 24" x 2" Disposable Pleated Air Filter, MERV 11	32.05	6.25
23 41 13 00-0168	EA	14" x 20" x 2" Disposable Pleated Air Filter, MERV 11	28.45	6.61
23 41 13 00-0169	EA	14" x 25" x 2" Disposable Pleated Air Filter, MERV 11	29.90	6.61
23 41 13 00-0170	EA	15" x 20" x 2" Disposable Pleated Air Filter, MERV 11	29.21	6.80
23 41 13 00-0171	EA	16" x 16" x 2" Disposable Pleated Air Filter, MERV 11	39.71	6.88
23 41 13 00-0172	EA	16" x 20" x 2" Disposable Pleated Air Filter, MERV 11	34.32	6.88
23 41 13 00-0173	EA	16" x 24" x 2" Disposable Pleated Air Filter, MERV 11	33.40	6.88
23 41 13 00-0174	EA	16" x 25" x 2" Disposable Pleated Air Filter, MERV 11	38.08	6.88
23 41 13 00-0175	EA	18" x 18" x 2" Disposable Pleated Air Filter, MERV 11	45.98	7.15
23 41 13 00-0176	EA	18" x 20" x 2" Disposable Pleated Air Filter, MERV 11	36.05	7.15
23 41 13 00-0177	EA	18" x 24" x 2" Disposable Pleated Air Filter, MERV 11	41.42	7.15
23 41 13 00-0178	EA	18" x 25" x 2" Disposable Pleated Air Filter, MERV 11	35.62	7.15
23 41 13 00-0179	EA	20" x 20" x 2" Disposable Pleated Air Filter, MERV 11	39.62	7.51
23 41 13 00-0180	EA	20" x 24" x 2" Disposable Pleated Air Filter, MERV 11	42.61	7.51
23 41 13 00-0181	EA	20" x 25" x 2" Disposable Pleated Air Filter, MERV 11	43.06	7.51
23 41 13 00-0182	EA	24" x 24" x 2" Disposable Pleated Air Filter, MERV 11	42.97	7.77
23 41 13 00-0183	EA	25" x 25" x 2" Disposable Pleated Air Filter, MERV 11	43.53	7.86
23 41 13 00-0184	EA	12" x 24" x 4" Disposable Pleated Air Filter, MERV 11	53.21	6.25
23 41 13 00-0185	EA	16" x 20" x 4" Disposable Pleated Air Filter, MERV 11	54.37	6.88
23 41 13 00-0186	EA	16" x 25" x 4" Disposable Pleated Air Filter, MERV 11	65.11	6.88
23 41 13 00-0187	EA	18" x 24" x 4" Disposable Pleated Air Filter, MERV 11	64.95	7.15
23 41 13 00-0188	EA	20" x 20" x 4" Disposable Pleated Air Filter, MERV 11	64.59	7.51
23 41 13 00-0189	EA	20" x 24" x 4" Disposable Pleated Air Filter, MERV 11	71.34	7.51
23 41 13 00-0190	EA	20" x 25" x 4" Disposable Pleated Air Filter, MERV 11	71.34	7.51
23 41 13 00-0191	EA	24" x 24" x 4" Disposable Pleated Air Filter, MERV 11	79.79	7.77
23 41 13 00-0192	EA	8" x 16" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.42	5.72
23 41 13 00-0193	EA	8" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.42	5.72
23 41 13 00-0194	EA	8" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.42	5.72
23 41 13 00-0195	EA	10" x 10" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.78	5.99
23 41 13 00-0196	EA	10" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.21	5.99
23 41 13 00-0197	EA	10" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.78	5.99
23 41 13 00-0198	EA	10" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.78	5.99
23 41 13 00-0199	EA	10" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.78	5.99
23 41 13 00-0200	EA	12" x 12" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.57	6.25
23 41 13 00-0201	EA	12" x 16" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	35.14	6.25
23 41 13 00-0202	EA	12" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.57	6.25
23 41 13 00-0203	EA	12" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.57	6.25
23 41 13 00-0204	EA	12" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	35.14	6.25
23 41 13 00-0205	EA	12" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	35.14	6.25
23 41 13 00-0206	EA	12" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	36.72	6.25
23 41 13 00-0207	EA	14" x 14" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.05	6.61
23 41 13 00-0208	EA	14" x 18" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	35.62	6.61
23 41 13 00-0209	EA	14" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.05	6.61
23 41 13 00-0210	EA	14" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.05	6.61
23 41 13 00-0211	EA	14" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.05	6.61
23 41 13 00-0212	EA	14" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	35.62	6.61
23 41 13 00-0213	EA	15" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.28	6.80
23 41 13 00-0214	EA	15" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	35.85	6.80
23 41 13 00-0215	EA	15" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	35.85	6.80
23 41 13 00-0216	EA	16" x 16" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.40	6.88
23 41 13 00-0217	EA	16" x 18" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	35.97	6.88
23 41 13 00-0218	EA	16" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.40	6.88
23 41 13 00-0219	EA	16" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.40	6.88
23 41 13 00-0220	EA	16" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.40	6.88
23 41 13 00-0221	EA	16" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	35.97	6.88
23 41 13 00-0222	EA	16" x 32" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	35.97	6.88
23 41 13 00-0223	EA	16" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	41.10	6.88
23 41 13 00-0224	EA	18" x 18" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.76	7.15
23 41 13 00-0225	EA	18" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	37.91	7.15
23 41 13 00-0226	EA	18" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.76	7.15
23 41 13 00-0227	EA	18" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	37.91	7.15
23 41 13 00-0228	EA	18" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	37.91	7.15
23 41 13 00-0229	EA	18" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	41.46	7.15

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 13 00-0230	EA		19" x 27" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	38.39	7.51
23 41 13 00-0231	EA		20" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	35.24	7.51
23 41 13 00-0232	EA		20" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	35.24	7.51
23 41 13 00-0233	EA		20" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	35.24	7.51
23 41 13 00-0234	EA		20" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	36.81	7.51
23 41 13 00-0235	EA		20" x 32" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	41.94	7.51
23 41 13 00-0236	EA		20" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	41.94	7.51
23 41 13 00-0237	EA		21" x 21" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	38.51	7.59
23 41 13 00-0238	EA		22" x 22" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	37.05	7.68
23 41 13 00-0239	EA		24" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	40.33	7.77
23 41 13 00-0240	EA		24" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	40.33	7.77
23 41 13 00-0241	EA		24" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	45.45	7.77
23 41 13 00-0242	EA		25" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	40.44	7.86
23 41 13 00-0243	EA		25" x 32" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	45.56	7.86
23 41 13 00-0244	EA		30" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	45.80	8.04
23 41 13 00-0245			Carbon Vapor Trap, Disposable V-Bank Filter^(23 41 13)		
23 41 13 00-0246	EA		24" x 24" x 12" Thick Carbon Vapor, Disposable V-Bank Filter	906.83	17.87
23 41 13 00-0247			Electrostatic Air Filters With Frame, Element And Busbar^(23 41 13)		
23 41 13 00-0248	MF3		Electrostatic Air Filter, High Efficiency Non Supported With Frame, Element And Busbar	82.06	
23 41 13 00-0249	MF3		Electrostatic Air Filter, Medium Efficiency Non Supported With Frame, Element And Busbar	79.25	
23 41 13 00-0250	MF3		Electrostatic Air Filter, Glass/Paper Throwaway With Frame, Element And Busbar	3.42	
23 41 16			Renewable-Media Air Filters^(23 41)		
23 41 16 00-0001			Renewable-Media Electrostatic Air Filters With Frame, Element And Busbar^(23 41 16)		
23 41 16 00-0002	MF3		Electrostatic Air Filter, 5' Disposable Roll Renewable With Frame, Element And Busbar	141.21	
23 41 19			Washable Air Filters^(23 41)		
23 41 19 00-0001			Washable Electrostatic Air Filters With Frame, Element And Busbar^(23 41 19)		
23 41 19 00-0002	MF3		Electrostatic Air Filter, Permanent, Washable With Frame, Element And Busbar	53.92	
23 41 33			High-Efficiency Particulate Filtration^(23 41)		
23 41 33 00-0001			High Efficiency Particulate Air (HEPA) Filters^(23 41 33) Note: Includes particle board and kraft paper frame and separator material. See CSI section 23 41 13 00-0000 for prefilters.		
23 41 33 00-0002			High Efficiency Particulate Air (HEPA) Filters DOP Efficiency-95%^(23 41 33 00-0001)		
23 41 33 00-0003	EA		12" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 150 CFM, Complete	140.30	16.68
			<i>For Removal And Replacement In Existing Equipment, Add</i>	3.34	
			<i>For >10 To 25, Deduct</i>	-3.51	
			<i>For >25 To 50, Deduct</i>	-7.02	
			<i>For >50 To 100, Deduct</i>	-10.52	
			<i>For >100, Deduct</i>	-14.03	
23 41 33 00-0004	EA		24" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 375 CFM, Complete	187.39	19.07
			<i>For Removal And Replacement In Existing Equipment, Add</i>	3.81	
			<i>For >10 To 25, Deduct</i>	-4.68	
			<i>For >25 To 50, Deduct</i>	-9.37	
			<i>For >50 To 100, Deduct</i>	-14.05	
			<i>For >100, Deduct</i>	-18.74	
23 41 33 00-0005	EA		24" x 18" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 450 CFM, Complete	219.40	22.04
			<i>For Removal And Replacement In Existing Equipment, Add</i>	4.41	
			<i>For >10 To 25, Deduct</i>	-5.49	
			<i>For >25 To 50, Deduct</i>	-10.97	
			<i>For >50 To 100, Deduct</i>	-16.46	
			<i>For >100, Deduct</i>	-21.94	
23 41 33 00-0006	EA		24" x 24" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 700 CFM, Complete	251.43	25.02
			<i>For Removal And Replacement In Existing Equipment, Add</i>	5.00	
			<i>For >10 To 25, Deduct</i>	-6.29	
			<i>For >25 To 50, Deduct</i>	-12.57	
			<i>For >50 To 100, Deduct</i>	-18.86	
			<i>For >100, Deduct</i>	-25.14	
23 41 33 00-0007	EA		12" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 250 CFM, Complete	171.61	17.87
			<i>For Removal And Replacement In Existing Equipment, Add</i>	3.57	
			<i>For >10 To 25, Deduct</i>	-4.29	
			<i>For >25 To 50, Deduct</i>	-8.58	
			<i>For >50 To 100, Deduct</i>	-12.87	
			<i>For >100, Deduct</i>	-17.16	
23 41 33 00-0008	EA		24" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 500 CFM, Complete	231.33	20.85
			<i>For Removal And Replacement In Existing Equipment, Add</i>	4.17	
			<i>For >10 To 25, Deduct</i>	-5.78	
			<i>For >25 To 50, Deduct</i>	-11.57	
			<i>For >50 To 100, Deduct</i>	-17.35	
			<i>For >100, Deduct</i>	-23.13	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 40 HVAC Air Cleaning Devices

23 41 Particulate Air Filtration



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 41 33 00-0009	EA 24" x 18" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 875 CFM, Complete <i>For Removal And Replacement In Existing Equipment, Add</i> <i>For >10 To 25, Deduct</i> <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	276.82 4.77 -6.92 -13.84 -20.76 -27.68	23.83
23 41 33 00-0010	EA 24" x 24" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 1,000 CFM, Complete..... <i>For Removal And Replacement In Existing Equipment, Add</i> <i>For >10 To 25, Deduct</i> <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	328.25 5.96 -8.21 -16.41 -24.62 -32.83	29.79
23 41 33 00-0011 High Efficiency Particulate Air (HEPA) Filters DOP Efficiency-99.99% (23 41 33 00-0001)			
23 41 33 00-0012	EA 12" x 12" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete <i>For Removal And Replacement In Existing Equipment, Add</i> <i>For >10 To 25, Deduct</i> <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	120.03 2.98 -3.00 -6.00 -9.00 -12.00	14.89
23 41 33 00-0013	EA 24" x 12" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete <i>For Removal And Replacement In Existing Equipment, Add</i> <i>For >10 To 25, Deduct</i> <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	166.88 3.57 -4.17 -8.34 -12.52 -16.69	17.87
23 41 33 00-0014	EA 24" x 24" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete <i>For Removal And Replacement In Existing Equipment, Add</i> <i>For >10 To 25, Deduct</i> <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	257.17 4.17 -6.43 -12.86 -19.29 -25.72	20.85
23 41 33 00-0015	EA 36" x 24" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete <i>For Removal And Replacement In Existing Equipment, Add</i> <i>For >10 To 25, Deduct</i> <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	331.48 4.77 -8.29 -16.57 -24.86 -33.15	23.83
23 41 33 00-0016	EA 8" x 8" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete <i>For Removal And Replacement In Existing Equipment, Add</i> <i>For >10 To 25, Deduct</i> <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	114.00 2.38 -2.85 -5.70 -8.55 -11.40	11.91
23 41 33 00-0017	EA 12" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 150 CFM, Complete <i>For Removal And Replacement In Existing Equipment, Add</i> <i>For >10 To 25, Deduct</i> <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	150.99 3.22 -3.77 -7.55 -11.32 -15.10	16.09
23 41 33 00-0018	EA 24" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 325 CFM, Complete <i>For Removal And Replacement In Existing Equipment, Add</i> <i>For >10 To 25, Deduct</i> <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	203.98 3.81 -5.10 -10.20 -15.30 -20.40	19.07
23 41 33 00-0019	EA 24" x 18" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 550 CFM, Complete <i>For Removal And Replacement In Existing Equipment, Add</i> <i>For >10 To 25, Deduct</i> <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	239.48 4.47 -5.99 -11.97 -17.96 -23.95	22.34
23 41 33 00-0020	EA 24" x 24" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 775 CFM, Complete <i>For Removal And Replacement In Existing Equipment, Add</i> <i>For >10 To 25, Deduct</i> <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	273.81 5.00 -6.85 -13.69 -20.54 -27.38	25.02
23 41 33 00-0021	EA 12" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 250 CFM, Complete..... <i>For Removal And Replacement In Existing Equipment, Add</i> <i>For >10 To 25, Deduct</i> <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	186.70 3.57 -4.67 -9.34 -14.00 -18.67	17.87
23 41 33 00-0022	EA 24" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 500 CFM, Complete..... <i>For Removal And Replacement In Existing Equipment, Add</i> <i>For >10 To 25, Deduct</i> <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	252.41 4.17 -6.31 -12.62 -18.93 -25.24	20.85
23 41 33 00-0023	EA 24" x 18" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 775 CFM, Complete..... <i>For Removal And Replacement In Existing Equipment, Add</i> <i>For >10 To 25, Deduct</i> <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	302.28 4.77 -7.56 -15.11 -22.67 -30.23	23.83

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 41 33 00-0024	EA		24" x 24" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 1,100 CFM, Complete	372.30	29.79
			<i>For Removal And Replacement In Existing Equipment, Add</i>	5.96	
			<i>For >10 To 25, Deduct</i>	-9.31	
			<i>For >25 To 50, Deduct</i>	-18.62	
			<i>For >50 To 100, Deduct</i>	-27.92	
			<i>For >100, Deduct</i>	-37.23	

23 41 33 00-0025 High Efficiency Particulate Air (HEPA) Filter Housings, 14 Gauge Galvanized Sheet Metal (23 41 33)

Note: Nominal sizes.

23 41 33 00-0026	EA		12" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	330.24	88.88
23 41 33 00-0027	EA		24" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	612.34	176.67
23 41 33 00-0028	EA		24" x 18" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	622.65	176.67
23 41 33 00-0029	EA		24" x 24" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	629.52	176.67
23 41 33 00-0030	EA		24" x 48" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	677.64	176.67
23 41 33 00-0031	EA		24" x 72" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	737.79	176.67
23 41 33 00-0032	EA		48" x 48" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,183.44	354.44
23 41 33 00-0033	EA		48" x 72" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,329.50	354.44
23 41 33 00-0034	EA		48" x 96" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,515.09	354.44
23 41 33 00-0035	EA		12" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	359.45	88.88
23 41 33 00-0036	EA		24" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	662.17	176.67
23 41 33 00-0037	EA		24" x 18" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	674.20	176.67
23 41 33 00-0038	EA		24" x 24" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	682.80	176.67
23 41 33 00-0039	EA		24" x 48" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	739.50	176.67
23 41 33 00-0040	EA		24" x 72" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	815.11	176.67
23 41 33 00-0041	EA		48" x 48" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,303.73	354.44
23 41 33 00-0042	EA		48" x 72" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,485.88	354.44
23 41 33 00-0043	EA		48" x 96" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,716.15	354.44

23 41 33 00-0044 Filter, Bag Type, 90-95% Efficiency (23 41 33)

23 41 33 00-0045	EA		0.75 - 1.25 MCFM, 24" x 12" x 29" Filter, Bag Type, 90 - 95% Efficiency	281.68	115.22
23 41 33 00-0046	EA		1.5 - 2.5 MCFM, 24" x 24" x 29" Filter, Bag Type, 90 - 95% Efficiency	329.77	115.22

23 41 33 00-0047 Filter, Bag Type, 80-85% Efficiency (23 41 33)

23 41 33 00-0048	EA		0.75 - 1.25 MCFM, 24" x 12" x 29" Filter, Bag Type, 80 - 85% Efficiency	276.16	115.22
23 41 33 00-0049	EA		1.5 - 2.5 MCFM, 24" x 24" x 29" Filter, Bag Type, 80 - 85% Efficiency	311.63	115.22

23 42 Gas-Phase Air Filtration (23 40)

23 42 13 Activated-Carbon Air Filtration (23 42)

23 42 13 00-0001	EA		12" x 24" x 1" Thick Activated Carbon Honeycomb Disposable Filter	50.60	8.94
23 42 13 00-0002	EA		16" x 20" x 1" Thick Activated Carbon Honeycomb Disposable Filter	51.20	8.94
23 42 13 00-0003	EA		16" x 25" x 1" Thick Activated Carbon Honeycomb Disposable Filter	51.56	8.94
23 42 13 00-0004	EA		20" x 20" x 1" Thick Activated Carbon Honeycomb Disposable Filter	51.56	8.94
23 42 13 00-0005	EA		20" x 25" x 1" Thick Activated Carbon Honeycomb Disposable Filter	56.07	8.94
23 42 13 00-0006	EA		24" x 24" x 1" Thick Activated Carbon Honeycomb Disposable Filter	63.48	8.94
23 42 13 00-0007	EA		12" x 24" x 2" Thick Activated Carbon Honeycomb Disposable Filter	64.18	10.13
23 42 13 00-0008	EA		16" x 20" x 2" Thick Activated Carbon Honeycomb Disposable Filter	64.68	10.13
23 42 13 00-0009	EA		16" x 25" x 2" Thick Activated Carbon Honeycomb Disposable Filter	65.11	10.13
23 42 13 00-0010	EA		20" x 20" x 2" Thick Activated Carbon Honeycomb Disposable Filter	65.11	10.13
23 42 13 00-0011	EA		20" x 25" x 2" Thick Activated Carbon Honeycomb Disposable Filter	70.09	10.13
23 42 13 00-0012	EA		24" x 24" x 2" Thick Activated Carbon Honeycomb Disposable Filter	83.98	10.13
23 42 13 00-0013	EA		16" x 20" x 1" Thick Carbon Impregnated Pleated Air Filter	29.98	8.94
23 42 13 00-0014	EA		16" x 25" x 1" Thick Carbon Impregnated Pleated Air Filter	32.12	8.94
23 42 13 00-0015	EA		20" x 20" x 1" Thick Carbon Impregnated Pleated Air Filter	32.20	8.94
23 42 13 00-0016	EA		20" x 25" x 1" Thick Carbon Impregnated Pleated Air Filter	35.01	8.94
23 42 13 00-0017	EA		24" x 24" x 1" Thick Carbon Impregnated Pleated Air Filter	37.50	8.94
23 42 13 00-0018	EA		16" x 20" x 2" Thick Carbon Impregnated Pleated Air Filter	34.76	10.13
23 42 13 00-0019	EA		16" x 25" x 2" Thick Carbon Impregnated Pleated Air Filter	38.50	10.13
23 42 13 00-0020	EA		20" x 20" x 2" Thick Carbon Impregnated Pleated Air Filter	39.29	10.13
23 42 13 00-0021	EA		20" x 25" x 2" Thick Carbon Impregnated Pleated Air Filter	43.92	10.13
23 42 13 00-0022	EA		24" x 24" x 2" Thick Carbon Impregnated Pleated Air Filter	46.87	10.13
23 42 13 00-0023	EA		24" x 24" x 4" Thick Carbon Impregnated Pleated Air Filter	78.51	10.72

23 43 Electronic Air Cleaners (23 40)

23 43 23 Self-Contained Electronic Air Cleaners (23 43)

23 43 23 00-0001 Stationary Floor, Room Air Purifier (23 43 23)

23 43 23 00-0002	EA		Stationary Floor Room Air Purifier, Up to 390 SF (Blueair Pro M)	1,081.52	
23 43 23 00-0003	EA		Stationary Floor Room Air Purifier, Up to 780 SF (Blueair Pro L)	1,505.92	
23 43 23 00-0004	EA		Stationary Floor Room Air Purifier, Up to 1,180 SF (Blueair Pro XL)	3,809.78	
23 43 23 00-0005	EA		Stationary Floor Room Air Purifier, Up to 550 SF (Delos Compact)	852.67	
23 43 23 00-0006	EA		Stationary Floor Room Air Purifier, Up to 1,125 SF (Delos 468 Ultrafine)	1,534.73	
23 43 23 00-0007	EA		Stationary Floor Room Air Purifier, Up to 3,500 SF (Delos 980P Commercial)	6,081.83	

23 43 23 00-0008 Surface Mounted, Room Air Purifier (23 43 23)

23 43 23 00-0009	EA		Ceiling Mount Media Air Cleaner With 99.97% HEPA Filters (Honeywell F114A1067)	2,763.77	
23 43 23 00-0010	EA		Ceiling Mount Media Air Cleaner With 99.97% HEPA Filters (Honeywell F115A1064)	3,860.30	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 40 HVAC Air Cleaning Devices****23 43 Electronic Air Cleaners**
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23 43 23 00-0011	EA	Ceiling Mount Media Air Cleaner With 99.97% HEPA Filters (Honeywell F111A1063W-3S)	4,418.91	
23 43 23 00-0012		Suspension Ceiling Mounted, Room Air Purifier (23 43 23)		
23 43 23 00-0013	EA	2' x 4' Suspension Ceiling Mounted, Air Purification System (Armstrong VidaShield UV24)	3,583.56	
23 43 23 00-0014		Duct Mounted, Ionization System (23 43 23)		
23 43 23 00-0015	EA	Up To 10,000 CFM, 120/240 VAC, 50 Watt, 8 Tubes, Single Phase, Series 500 Bipolar Ionization System (AtmosAir 500FC)	11,314.52	476.57
23 43 23 00-0016	EA	Up To 15,000 CFM, 120/240 VAC, 50 Watt, 5 Tubes, Single Phase, Series 500 Bipolar Ionization System (AtmosAir 508FC)	15,363.90	595.70
23 43 33		Self-Contained Electronic Ultraviolet Germicidal Cleaners (23 43)		
23 43 33 00-0001		Suspension Ceiling Troffer Mounted, Ultraviolet Germicidal Air Purifier (23 43 33)		
23 43 33 00-0002	EA	2' x 2', Troffer Mount UVC Air Purifier (ELEDLIGHTS UVADTM1202X2)	5,069.93	
		Note: 6,300 cu ft/hour air cleaning		
23 43 33 00-0003	EA	2' x 2', Troffer Mount UVC Air Purifier With 1900 Lumens LED Panel Light (ELEDLIGHTS UVALTM1202X2)	6,812.42	
		Note: 6,300 cu ft/hour air cleaning		
23 43 33 00-0004	EA	2' x 4', Troffer Mount UVC Air Purifier (ELEDLIGHTS UVADTM1202X4)	7,668.56	
		Note: 12,600 cu ft/hour air cleaning		
23 43 33 00-0005	EA	2' x 4', Troffer Mount UVC Air Purifier With 3800 Lumens LED Panel Light (ELEDLIGHTS UVALTM1202X4)	8,577.30	
		Note: 12,600 cu ft/hour air cleaning		
23 43 33 00-0006	EA	Replace 8"x8" MERV 16, HEPA Filter In Troffer Mount UVC Air Purifier(ELEDLIGHTS UVFILTERM8X8M16)	954.52	
23 43 33 00-0007		Surface Mounted, Ultraviolet Germicidal Air Purifier (23 43 33)		
23 43 33 00-0008	EA	Surface (Wall Or Ceiling) Mounted, Germicidal UV Active Circulation Air Cleaner (ELEDLIGHTS GUV-AC)	3,304.22	
		Note: 1060 cu ft/hour air cleaning		
23 43 33 00-0009		Wall Mounted, Ultraviolet Germicidal Air Purifier (23 43 33)		
23 43 33 00-0010	EA	Wall Mounted, Upper Room Germicidal UV Disinfection (ELEDLIGHTS URUVGI-NZ)	1,697.80	
23 43 33 00-0011		Wall Mounted, Ultraviolet Germicidal Fixture (UV Resources) (23 43 33)		
23 43 33 00-0012	EA	14-1/4", 8 Watt, 120-277 Volts, UV-C Light Fixture (UV Resources GLO 150 - 41824001)	1,244.26	69.70
23 43 33 00-0013	EA	23-1/4", 25 Watt, 120-277 Volts, UV-C Light Fixture (UV Resources GLO 225 - 41824000)	1,305.01	79.99
23 43 33 00-0014	EA	35", 36 Watt, 120-277 Volts, UV-C Light Fixture (UV Resources GLO 310 - 41824002)	1,925.62	86.84
23 43 33 00-0015		Wall Mounted, Ultraviolet Germicidal Fixtures And Accessories (Fresh-Aire UV) (23 43 33)		
23 43 33 00-0016	EA	32" Single Lamp, Teflon Safety Coating, High Output Commercial UV-C Core System (Fresh-Aire UV TUVCL-232S-TFHO)	833.84	84.27
23 43 33 00-0017	EA	32" Dual Lamp, Teflon Safety Coating, High Output Commercial UV-C Core System (Fresh-Aire UV TUVCL-232D-TFHO)	1,137.79	84.27
23 43 33 00-0018	EA	46" Single Lamp, Teflon Safety Coating, High Output Commercial UV-C Core System (Fresh-Aire UV TUVCL-246S-TFHO)	908.30	89.24
23 43 33 00-0019	EA	46" Dual Lamp, Teflon Safety Coating, High Output Commercial UV-C Core System (Fresh-Aire UV TUVCL-246D-TFHO)	1,281.51	89.24
23 43 33 00-0020	EA	60" Single Lamp, Teflon Safety Coating, High Output Commercial UV-C Core System (Fresh-Aire UV TUVCL-260S-TFHO)	991.84	94.27
23 43 33 00-0021	EA	60" Dual Lamp, Teflon Safety Coating, High Output Commercial UV-C Core System (Fresh-Aire UV TUVCL-260D-TFHO)	1,661.30	94.27
23 43 33 00-0022	EA	32" Single Lamp, High Output Commercial UV-C Core System (Fresh-Aire UV TUVCL-232S-HO)	783.82	84.27
23 43 33 00-0023	EA	32" Dual Lamp, High Output Commercial UV-C Core System (Fresh-Aire UV TUVCL-232D-HO)	1,040.32	84.27
23 43 33 00-0024	EA	46" Single Lamp, High Output Commercial UV-C Core System (Fresh-Aire UV TUVCL-246S-HO)	839.04	89.24
23 43 33 00-0025	EA	46" Dual Lamp, High Output Commercial UV-C Core System (Fresh-Aire UV TUVCL-246D-HO)	1,142.99	89.24
23 43 33 00-0026	EA	60" Single Lamp, High Output Commercial UV-C Core System (Fresh-Aire UV TUVCL-260S-HO)	853.32	94.27
23 43 33 00-0027	EA	60" Dual Lamp, High Output Commercial UV-C Core System (Fresh-Aire UV TUVCL-260D-HO)	1,385.56	94.27
23 43 33 00-0028	EA	5' (1.5m) Remote Mounting Cable (Fresh-Aire UV TUV-CBL5)	37.92	
23 43 33 00-0029	EA	10' (3m) Remote Mounting Cable (Fresh-Aire UV TUV-CBL10)	48.18	
23 43 33 00-0030	EA	5" Stainless Steel Coil Mount Bracket (Fresh-Aire UV TUVCL-CMBRKT-SS5)	51.19	
23 43 33 00-0031	EA	18" (45cm) Commercial Lamp Shield (Fresh-Aire UV TUVCL-SHIELD-18)	60.63	
23 43 33 00-0032	EA	24" (60cm) Commercial Lamp Shield (Fresh-Aire UV TUVCL-SHIELD-24)	69.61	
23 43 33 00-0033	EA	32" (81cm) Commercial Lamp Shield (Fresh-Aire UV TUVCL-SHIELD-32)	79.87	
23 43 33 00-0034	EA	46" (117cm) Commercial Lamp Shield (Fresh-Aire UV TUVCL-SHIELD-46)	85.00	
23 43 33 00-0035	EA	60" (152cm) Commercial Lamp Shield (Fresh-Aire UV TUVCL-SHIELD-60)	88.85	
23 43 33 00-0036	EA	110-277 VAC, Door Interlock Safety Switch Kit (Fresh-Aire UV TUVCL-INTLCK-SP)	288.92	
23 43 33 00-0037	EA	15" (38cm) Odor Control, UVC/UVV Lamp (Fresh-Aire UV TUVCL-115P-OS-50)	188.15	56.04
		Note: 1 Year Warranty		
23 43 33 00-0038	EA	18" (45cm) High Output, Commercial Series Lamp (Fresh-Aire UV TUVCL-218HO)	233.48	58.85
		Note: 2 Year Warranty		
23 43 33 00-0039	EA	24" (60cm) High Output, Commercial Series Lamp (Fresh-Aire UV TUVCL-224HO)	249.75	65.13
		Note: 2 Year Warranty		
23 43 33 00-0040	EA	32" (81cm) Commercial Series Lamp (Fresh-Aire UV TUVCL-132)	220.97	69.41
		Note: 1 Year Warranty		
23 43 33 00-0041	EA	32" (81cm) Teflon Coated, Commercial Series Lamp (Fresh-Aire UV TUVCL-232TF)	278.68	69.41
		Note: 1 Year Warranty		
23 43 33 00-0042	EA	32" (81cm) High Output, Commercial Series Lamp (Fresh-Aire UV TUVCL-232HO)	263.29	69.41
		Note: 1 Year Warranty		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 43 33 00-0043 EA 32" (81cm) High Output, Teflon Coated, Commercial Series Lamp (Fresh-Aire UV TUVCL-232HO-TF).....	310.74	69.41
Note: 1 Year Warranty		
23 43 33 00-0044 EA 46" (117cm) Commercial Series Lamp (Fresh-Aire UV TUVCL-146)	258.49	73.98
Note: 1 Year Warranty		
23 43 33 00-0045 EA 46" (117cm) Teflon Coated, Commercial Series Lamp (Fresh-Aire UV TUVCL-246TF).....	325.18	73.98
Note: 2 Year Warranty		
23 43 33 00-0046 EA 46" (117cm) High Output, Commercial Series Lamp (Fresh-Aire UV TUVCL-246HO).....	291.84	73.98
Note: 2 Year Warranty		
23 43 33 00-0047 EA 46" (117cm) High Output, Teflon Coated, Commercial Series Lamp (Fresh-Aire UV TUVCL-246HO-TF).....	361.09	73.98
Note: 2 Year Warranty		
23 43 33 00-0048 EA 60" (152cm) Commercial Series Lamp (Fresh-Aire UV TUVCL-160)	322.60	74.55
Note: 1 Year Warranty		
23 43 33 00-0049 EA 60" (152cm) Teflon Coated, Commercial Series Lamp (Fresh-Aire UV TUVCL-260TF).....	416.22	74.55
Note: 2 Year Warranty		
23 43 33 00-0050 EA 60" (152cm) High Output, Commercial Series Lamp (Fresh-Aire UV TUVCL-260HO).....	355.95	74.55
Note: 2 Year Warranty		
23 43 33 00-0051 EA 60" (152cm) High Output, Teflon Coated, Commercial Series Lamp (Fresh-Aire UV TUVCL-260HO-TF).....	494.46	74.55
Note: 1 Year Warranty		

23 50 Central Heating Equipment ⁽²³⁾

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 16-0001 for disconnect.

23 51 Breechings, Chimneys, and Stacks ^(23 50)

23 51 13 Draft Control Devices ^(23 51)

23 51 13 13 Draft-Induction Fans ^(23 51 13)

23 51 13 13-0001 Vertical Discharge Fans ^(23 51 13 13)
Note: Includes chimney adapter. Excludes wiring.

23 51 13 13-0002 Axial Vane Vertical Discharge Fans ^(23 51 13 13-0001)

23 51 13 13-0003 EA 450 CFM Vertical Discharge Chimney Fan, Axial Vane.....	2,945.75	241.41
23 51 13 13-0004 EA 950 CFM Vertical Discharge Chimney Fan, Axial Vane.....	3,337.31	263.36
23 51 13 13-0005 EA 1,400 CFM Vertical Discharge Chimney Fan, Axial Vane.....	4,000.60	290.79
23 51 13 13-0006 EA 1,800 CFM Vertical Discharge Chimney Fan, Axial Vane.....	5,219.22	337.43

23 51 13 13-0007 Centrifugal Impeller Vertical Discharge Fans ^(23 51 13 13-0001)

23 51 13 13-0008 EA 700 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller.....	3,535.39	263.36
23 51 13 13-0009 EA 1,100 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller.....	4,304.95	290.79
23 51 13 13-0010 EA 2,300 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller.....	5,582.10	340.17
23 51 13 13-0011 EA 3,000 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller.....	6,606.09	381.32

23 51 13 13-0012 Accessories For Vertical Discharge Fans ^(23 51 13 13-0001)

23 51 13 13-0013 EA Modulating Fan Controller And Sensor.....	425.37	82.30
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23 51 13 16 Vent Dampers ^(23 51 13)

23 51 13 16-0001 Flue Shutter Draft Control Damper, Parallel Blade ^(23 51 13 16)

23 51 13 16-0002 EA 3" Round Flue Shutter Draft Control Damper	918.50	48.72
23 51 13 16-0003 EA 4" Round Flue Shutter Draft Control Damper	1,007.33	51.69
23 51 13 16-0004 EA 5" Round Flue Shutter Draft Control Damper	1,112.41	54.86
23 51 13 16-0005 EA 6" Round Flue Shutter Draft Control Damper	1,188.49	58.51
23 51 13 16-0006 EA 7" Round Flue Shutter Draft Control Damper	1,297.76	62.68
23 51 13 16-0007 EA 8" Round Flue Shutter Draft Control Damper	1,378.50	67.48
23 51 13 16-0008 EA 10" Round Flue Shutter Draft Control Damper	1,524.28	73.17
23 51 13 16-0009 EA 12" Round Flue Shutter Draft Control Damper	1,673.84	79.79
23 51 13 16-0010 EA 14" Round Flue Shutter Draft Control Damper	1,874.48	83.67
23 51 13 16-0011 EA 16" Round Flue Shutter Draft Control Damper	2,013.98	87.78
23 51 13 16-0012 EA 18" Round Flue Shutter Draft Control Damper	2,200.87	92.18
23 51 13 16-0013 EA 20" Round Flue Shutter Draft Control Damper	2,600.52	145.95
23 51 13 16-0014 EA 22" Round Flue Shutter Draft Control Damper	2,852.35	155.00
23 51 13 16-0015 EA 24" Round Flue Shutter Draft Control Damper	3,091.13	164.60
23 51 13 16-0016 EA 26" Round Flue Shutter Draft Control Damper	3,143.55	170.09
23 51 13 16-0017 EA 28" Round Flue Shutter Draft Control Damper	3,242.54	175.58
23 51 13 16-0018 EA 30" Round Flue Shutter Draft Control Damper	3,332.68	186.55
23 51 13 16-0019 EA 32" Round Flue Shutter Draft Control Damper	3,478.01	191.91
23 51 13 16-0020 EA 34" Round Flue Shutter Draft Control Damper	3,629.23	202.88
23 51 13 16-0021 EA 36" Round Flue Shutter Draft Control Damper	3,803.07	219.47
23 51 13 16-0022 EA 38" Round Flue Shutter Draft Control Damper	3,995.73	227.00
23 51 13 16-0023 EA 40" Round Flue Shutter Draft Control Damper	4,173.61	230.44
23 51 13 16-0024 EA 42" Round Flue Shutter Draft Control Damper	4,378.62	241.41
23 51 13 16-0025 EA 44" Round Flue Shutter Draft Control Damper	4,584.83	252.39
23 51 13 16-0026 EA 46" Round Flue Shutter Draft Control Damper	4,791.61	263.36
23 51 13 16-0027 EA 48" Round Flue Shutter Draft Control Damper	4,997.51	274.33

23 51 13 19 Barometric Dampers ^(23 51 13)

23 51 13 19-0001 Barometric Dampers ^(23 51 13 19)

23 51 13 19-0002 EA 6" x 6" Barometric Damper	423.04	9.52
23 51 13 19-0003 EA 12" x 12" Barometric Damper	611.88	13.08

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 51 Breechings, Chimneys, and Stacks**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 51 13 19-0004	EA	18" x 18" Barometric Damper	820.42	20.21
23 51 13 19-0005	EA	24" x 24" Barometric Damper	983.53	38.06
23 51 13 19-0006	EA	6" Diameter Barometric Damper	208.29	9.52
		<i>For Stainless Steel, Add</i>	222.79	
23 51 13 19-0007	EA	7" Diameter Barometric Damper	246.42	10.70
		<i>For Stainless Steel, Add</i>	264.69	
23 51 13 19-0008	EA	8" Diameter Barometric Damper	285.91	11.89
		<i>For Stainless Steel, Add</i>	306.97	
23 51 13 19-0009	EA	9" Diameter Barometric Damper	351.43	11.89
		<i>For Stainless Steel, Add</i>	388.84	
23 51 13 19-0010	EA	10" Diameter Barometric Damper	462.39	14.27
		<i>For Stainless Steel, Add</i>	529.76	
23 51 13 19-0011	EA	12" Diameter Barometric Damper	586.73	15.46
		<i>For Stainless Steel, Add</i>	683.24	
23 51 13 19-0012	EA	14" Diameter Barometric Damper	737.18	16.65
		<i>For Stainless Steel, Add</i>	871.38	
23 51 13 19-0013	EA	15" Diameter Barometric Damper	879.44	17.83
		<i>For Stainless Steel, Add</i>	1,047.33	
23 51 13 19-0014	EA	16" Diameter Barometric Damper	1,019.96	20.21
		<i>For Stainless Steel, Add</i>	1,222.90	
23 51 13 19-0015	EA	18" Diameter Barometric Damper	1,342.42	21.40
		<i>For Stainless Steel, Add</i>	1,633.84	
23 51 13 19-0016	EA	20" Diameter Barometric Damper	1,597.41	23.79
		<i>For Stainless Steel, Add</i>	1,955.66	
23 51 13 19-0017	EA	24" Diameter Barometric Damper	1,925.36	23.79
		<i>For Stainless Steel, Add</i>	2,376.49	
23 51 13 19-0018	EA	30" Diameter Barometric Damper	2,373.07	27.35
		<i>For Stainless Steel, Add</i>	2,945.87	
23 51 13 19-0019	EA	36" Diameter Barometric Damper	3,026.14	28.54
		<i>For Stainless Steel, Add</i>	3,787.54	

23 51 16 Fabricated Breechings and Accessories (23 51)

23 51 16 00-0001 Round Galvanized Double Wall Flue/Vent Pipe And Fittings (23 51 16)

23 51 16 00-0002 Round Galvanized Double Wall Flue/Vent Pipe (23 51 16 00-0001)

23 51 16 00-0003	LF	3" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	30.83	9.76
		Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness		
		<i>For Aluminum Liner, Add</i>	0.36	
		<i>For 304 Stainless Steel Liner, Add</i>	0.49	
		<i>For 2" Wall Instead Of 1", Add</i>	4.38	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	7.78	
23 51 16 00-0004	LF	4" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	33.10	10.32
		Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness		
		<i>For Aluminum Liner, Add</i>	0.44	
		<i>For 304 Stainless Steel Liner, Add</i>	0.59	
		<i>For 2" Wall Instead Of 1", Add</i>	4.90	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	8.60	
23 51 16 00-0005	LF	5" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	36.55	10.97
		Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness		
		<i>For Aluminum Liner, Add</i>	0.52	
		<i>For 304 Stainless Steel Liner, Add</i>	0.71	
		<i>For 2" Wall Instead Of 1", Add</i>	5.54	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	9.66	
23 51 16 00-0006	LF	6" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	39.85	11.75
		Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness		
		<i>For Aluminum Liner, Add</i>	0.60	
		<i>For 304 Stainless Steel Liner, Add</i>	0.82	
		<i>For 2" Wall Instead Of 1", Add</i>	6.17	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	10.70	
23 51 16 00-0007	LF	7" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	46.76	12.51
		Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness		
		<i>For Aluminum Liner, Add</i>	0.88	
		<i>For 304 Stainless Steel Liner, Add</i>	1.21	
		<i>For 2" Wall Instead Of 1", Add</i>	7.89	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	13.37	
23 51 16 00-0008	LF	8" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	51.98	13.50
		Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness		
		<i>For Aluminum Liner, Add</i>	0.99	
		<i>For 304 Stainless Steel Liner, Add</i>	1.34	
		<i>For 2" Wall Instead Of 1", Add</i>	8.78	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	14.87	
23 51 16 00-0009	LF	10" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	74.66	14.49
		Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness		
		<i>For Aluminum Liner, Add</i>	2.08	
		<i>For 304 Stainless Steel Liner, Add</i>	2.84	
		<i>For 2" Wall Instead Of 1", Add</i>	15.03	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	24.39	
23 51 16 00-0010	LF	12" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	90.69	16.02
		Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness		
		<i>For Aluminum Liner, Add</i>	2.79	
		<i>For 304 Stainless Steel Liner, Add</i>	3.81	
		<i>For 2" Wall Instead Of 1", Add</i>	19.22	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	30.83	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
23 51 16 00-0011	LF	14" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness <i>For Aluminum Liner, Add</i> <i>For 304 Stainless Steel Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	127.03 4.69 6.39 29.75 46.71	16.68
23 51 16 00-0012	LF	16" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness <i>For Aluminum Liner, Add</i> <i>For 304 Stainless Steel Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	158.60 6.32 8.62 38.84 60.45	17.56
23 51 16 00-0013	LF	18" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness <i>For Aluminum Liner, Add</i> <i>For 304 Stainless Steel Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	194.99 8.16 11.13 49.18 76.10	18.44
23 51 16 00-0014	LF	20" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness <i>For Aluminum Liner, Add</i> <i>For 304 Stainless Steel Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	248.47 9.69 13.21 60.08 93.74	29.29
23 51 16 00-0015	LF	22" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness <i>For Aluminum Liner, Add</i> <i>For 304 Stainless Steel Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	300.24 12.22 16.66 74.45 115.59	30.95
23 51 16 00-0016	LF	24" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness <i>For Aluminum Liner, Add</i> <i>For 304 Stainless Steel Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	356.81 15.06 20.54 90.45 139.82	32.92
23 51 16 00-0017	LF	26" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness <i>For Aluminum Liner, Add</i> <i>For 304 Stainless Steel Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	414.32 18.12 24.70 107.31 165.21	34.02
23 51 16 00-0018	LF	28" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness <i>For Aluminum Liner, Add</i> <i>For 304 Stainless Steel Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	434.38 19.06 26.00 112.76 173.53	35.12
23 51 16 00-0019	LF	30" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness <i>For Aluminum Liner, Add</i> <i>For 304 Stainless Steel Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	461.64 20.22 27.58 119.70 184.25	37.64
23 51 16 00-0020	LF	32" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... <i>For Aluminum Liner, Add</i> <i>For 304 Stainless Steel Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	522.59 23.38 31.89 137.29 210.80	39.07
23 51 16 00-0021	LF	34" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... <i>For Aluminum Liner, Add</i> <i>For 304 Stainless Steel Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	585.70 26.65 36.34 155.47 238.27	40.49
23 51 16 00-0022	LF	36" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... <i>For Aluminum Liner, Add</i> <i>For 304 Stainless Steel Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	616.55 28.12 38.35 163.92 251.14	42.14
23 51 16 00-0023	LF	38" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... <i>For Aluminum Liner, Add</i> <i>For 304 Stainless Steel Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	668.79 30.76 41.94 178.72 273.56	43.89
23 51 16 00-0024	LF	40" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... <i>For Aluminum Liner, Add</i> <i>For 304 Stainless Steel Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	736.84 34.23 46.68 198.16 302.97	45.76
23 51 16 00-0025	LF	42" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... <i>For Aluminum Liner, Add</i> <i>For 304 Stainless Steel Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	770.87 35.81 48.83 207.31 316.95	47.84
23 51 16 00-0026	LF	44" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... <i>For Aluminum Liner, Add</i> <i>For 304 Stainless Steel Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	853.16 40.02 54.58 230.86 352.56	50.15

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 50 Central Heating Equipment

23 51 Breechings, Chimneys, and Stacks



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 51 16 00-0027	LF 46" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	926.45	52.68
	For Aluminum Liner, Add	43.71	
	For 304 Stainless Steel Liner, Add	59.61	
	For 2" Wall Instead Of 1", Add	251.60	
	For 3" To 4" Wall Instead Of 1", Add	383.98	
23 51 16 00-0028	LF 48" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	1,019.26	55.42
	For Aluminum Liner, Add	48.45	
	For 304 Stainless Steel Liner, Add	66.07	
	For 2" Wall Instead Of 1", Add	278.11	
	For 3" To 4" Wall Instead Of 1", Add	424.08	
23 51 16 00-0029	90 Degree Elbows <small>(23 51 16 00-0001)</small>		
23 51 16 00-0030	EA 3" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	78.05	19.53
	For Aluminum Liner, Add	1.63	
	For 304 Stainless Steel Liner, Add	2.23	
	For 2" Wall Instead Of 1", Add	13.74	
	For 3" To 4" Wall Instead Of 1", Add	23.03	
23 51 16 00-0031	EA 4" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	86.47	20.63
	For Aluminum Liner, Add	1.93	
	For 304 Stainless Steel Liner, Add	2.63	
	For 2" Wall Instead Of 1", Add	15.65	
	For 3" To 4" Wall Instead Of 1", Add	26.05	
23 51 16 00-0032	EA 5" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	96.43	21.95
	For Aluminum Liner, Add	2.30	
	For 304 Stainless Steel Liner, Add	3.14	
	For 2" Wall Instead Of 1", Add	18.01	
	For 3" To 4" Wall Instead Of 1", Add	29.74	
23 51 16 00-0033	EA 6" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	106.64	23.37
	For Aluminum Liner, Add	2.67	
	For 304 Stainless Steel Liner, Add	3.64	
	For 2" Wall Instead Of 1", Add	20.38	
	For 3" To 4" Wall Instead Of 1", Add	33.48	
23 51 16 00-0034	EA 7" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	127.19	25.02
	For Aluminum Liner, Add	3.57	
	For 304 Stainless Steel Liner, Add	4.87	
	For 2" Wall Instead Of 1", Add	25.72	
	For 3" To 4" Wall Instead Of 1", Add	41.69	
23 51 16 00-0035	EA 8" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	148.87	27.00
	For Aluminum Liner, Add	4.48	
	For 304 Stainless Steel Liner, Add	6.10	
	For 2" Wall Instead Of 1", Add	31.17	
	For 3" To 4" Wall Instead Of 1", Add	50.12	
23 51 16 00-0036	EA 10" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	260.57	29.29
	For Aluminum Liner, Add	10.30	
	For 304 Stainless Steel Liner, Add	14.04	
	For 2" Wall Instead Of 1", Add	63.50	
	For 3" To 4" Wall Instead Of 1", Add	98.91	
23 51 16 00-0037	EA 12" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	315.80	31.93
	For Aluminum Liner, Add	12.98	
	For 304 Stainless Steel Liner, Add	17.70	
	For 2" Wall Instead Of 1", Add	78.79	
	For 3" To 4" Wall Instead Of 1", Add	122.17	
23 51 16 00-0038	EA 14" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	409.98	33.47
	For Aluminum Liner, Add	17.95	
	For 304 Stainless Steel Liner, Add	24.48	
	For 2" Wall Instead Of 1", Add	106.27	
	For 3" To 4" Wall Instead Of 1", Add	163.59	
23 51 16 00-0039	EA 16" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	504.33	35.12
	For Aluminum Liner, Add	22.92	
	For 304 Stainless Steel Liner, Add	31.25	
	For 2" Wall Instead Of 1", Add	133.78	
	For 3" To 4" Wall Instead Of 1", Add	205.04	
23 51 16 00-0040	EA 18" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	652.45	36.98
	For Aluminum Liner, Add	30.80	
	For 304 Stainless Steel Liner, Add	42.00	
	For 2" Wall Instead Of 1", Add	177.24	
	For 3" To 4" Wall Instead Of 1", Add	270.48	
23 51 16 00-0041	EA 20" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	919.59	58.49
	For Aluminum Liner, Add	42.53	
	For 304 Stainless Steel Liner, Add	57.99	
	For 2" Wall Instead Of 1", Add	246.60	
	For 3" To 4" Wall Instead Of 1", Add	377.22	
23 51 16 00-0042	EA 22" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	1,213.05	61.99
	For Aluminum Liner, Add	58.19	
	For 304 Stainless Steel Liner, Add	79.35	
	For 2" Wall Instead Of 1", Add	332.92	
	For 3" To 4" Wall Instead Of 1", Add	507.13	
23 51 16 00-0043	EA 24" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	1,369.34	65.84
	For Aluminum Liner, Add	66.25	
	For 304 Stainless Steel Liner, Add	90.34	
	For 2" Wall Instead Of 1", Add	377.85	
	For 3" To 4" Wall Instead Of 1", Add	575.01	
23 51 16 00-0044	45 Degree Elbows <small>(23 51 16 00-0001)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0045	EA		3" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	65.81	19.53
			For Aluminum Liner, Add	0.94	
			For 304 Stainless Steel Liner, Add	1.28	
			For 2" Wall Instead Of 1", Add	10.00	
			For 3" To 4" Wall Instead Of 1", Add	17.43	
23 51 16 00-0046	EA		4" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	71.82	20.63
			For Aluminum Liner, Add	1.11	
			For 304 Stainless Steel Liner, Add	1.51	
			For 2" Wall Instead Of 1", Add	11.21	
			For 3" To 4" Wall Instead Of 1", Add	19.40	
23 51 16 00-0047	EA		5" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	78.58	21.95
			For Aluminum Liner, Add	1.30	
			For 304 Stainless Steel Liner, Add	1.78	
			For 2" Wall Instead Of 1", Add	12.60	
			For 3" To 4" Wall Instead Of 1", Add	21.64	
23 51 16 00-0048	EA		6" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	86.89	23.37
			For Aluminum Liner, Add	1.56	
			For 304 Stainless Steel Liner, Add	2.13	
			For 2" Wall Instead Of 1", Add	14.37	
			For 3" To 4" Wall Instead Of 1", Add	24.47	
23 51 16 00-0049	EA		7" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	103.37	25.02
			For Aluminum Liner, Add	2.24	
			For 304 Stainless Steel Liner, Add	3.05	
			For 2" Wall Instead Of 1", Add	18.48	
			For 3" To 4" Wall Instead Of 1", Add	30.85	
23 51 16 00-0050	EA		8" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	114.28	27.00
			For Aluminum Liner, Add	2.57	
			For 304 Stainless Steel Liner, Add	3.51	
			For 2" Wall Instead Of 1", Add	20.79	
			For 3" To 4" Wall Instead Of 1", Add	34.56	
23 51 16 00-0051	EA		10" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	190.18	29.29
			For Aluminum Liner, Add	6.44	
			For 304 Stainless Steel Liner, Add	8.78	
			For 2" Wall Instead Of 1", Add	42.42	
			For 3" To 4" Wall Instead Of 1", Add	67.29	
23 51 16 00-0052	EA		12" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	227.31	31.93
			For Aluminum Liner, Add	8.11	
			For 304 Stainless Steel Liner, Add	11.06	
			For 2" Wall Instead Of 1", Add	52.24	
			For 3" To 4" Wall Instead Of 1", Add	82.34	
23 51 16 00-0053	EA		14" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	291.18	33.47
			For Aluminum Liner, Add	11.41	
			For 304 Stainless Steel Liner, Add	15.57	
			For 2" Wall Instead Of 1", Add	70.63	
			For 3" To 4" Wall Instead Of 1", Add	110.12	
23 51 16 00-0054	EA		16" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	348.21	35.12
			For Aluminum Liner, Add	14.32	
			For 304 Stainless Steel Liner, Add	19.53	
			For 2" Wall Instead Of 1", Add	86.91	
			For 3" To 4" Wall Instead Of 1", Add	134.75	
23 51 16 00-0055	EA		18" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	442.38	36.98
			For Aluminum Liner, Add	19.25	
			For 304 Stainless Steel Liner, Add	26.25	
			For 2" Wall Instead Of 1", Add	114.23	
			For 3" To 4" Wall Instead Of 1", Add	175.97	
23 51 16 00-0056	EA		20" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	540.66	58.38
			For Aluminum Liner, Add	21.71	
			For 304 Stainless Steel Liner, Add	29.61	
			For 2" Wall Instead Of 1", Add	133.01	
			For 3" To 4" Wall Instead Of 1", Add	206.82	
23 51 16 00-0057	EA		22" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	749.13	61.99
			For Aluminum Liner, Add	32.68	
			For 304 Stainless Steel Liner, Add	44.56	
			For 2" Wall Instead Of 1", Add	193.74	
			For 3" To 4" Wall Instead Of 1", Add	298.36	
23 51 16 00-0058	EA		24" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	917.34	65.84
			For Aluminum Liner, Add	41.41	
			For 304 Stainless Steel Liner, Add	56.46	
			For 2" Wall Instead Of 1", Add	242.30	
			For 3" To 4" Wall Instead Of 1", Add	371.68	
23 51 16 00-0059	EA		26" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,655.35	68.04
			For Aluminum Liner, Add	81.69	
			For 304 Stainless Steel Liner, Add	111.40	
			For 2" Wall Instead Of 1", Add	462.61	
			For 3" To 4" Wall Instead Of 1", Add	702.41	
23 51 16 00-0060	EA		28" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,701.51	70.22
			For Aluminum Liner, Add	83.93	
			For 304 Stainless Steel Liner, Add	114.45	
			For 2" Wall Instead Of 1", Add	475.36	
			For 3" To 4" Wall Instead Of 1", Add	721.81	
23 51 16 00-0061	EA		30" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,793.87	74.62
			For Aluminum Liner, Add	88.41	
			For 304 Stainless Steel Liner, Add	120.56	
			For 2" Wall Instead Of 1", Add	500.88	
			For 3" To 4" Wall Instead Of 1", Add	760.63	
23 51 16 00-0062	EA		32" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,002.83	76.81
			For Aluminum Liner, Add	99.60	
			For 304 Stainless Steel Liner, Add	135.82	
			For 2" Wall Instead Of 1", Add	562.47	
			For 3" To 4" Wall Instead Of 1", Add	853.30	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 50 Central Heating Equipment

23 51 Breechings, Chimneys, and Stacks



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 51 16 00-0063	EA	34" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	2,186.75		81.20
		<i>For Aluminum Liner, Add</i>	109.11		
		<i>For 304 Stainless Steel Liner, Add</i>	148.79		
		<i>For 2" Wall Instead Of 1", Add</i>	615.45		
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	933.32		
23 51 16 00-0064	EA	36" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	2,254.07		87.78
		<i>For Aluminum Liner, Add</i>	111.91		
		<i>For 304 Stainless Steel Liner, Add</i>	152.61		
		<i>For 2" Wall Instead Of 1", Add</i>	632.36		
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	959.50		
23 51 16 00-0065	EA	38" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	2,414.34		90.86
		<i>For Aluminum Liner, Add</i>	120.30		
		<i>For 304 Stainless Steel Liner, Add</i>	164.05		
		<i>For 2" Wall Instead Of 1", Add</i>	678.90		
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,029.70		
23 51 16 00-0066	EA	40" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	2,570.25		92.18
		<i>For Aluminum Liner, Add</i>	128.70		
		<i>For 304 Stainless Steel Liner, Add</i>	175.50		
		<i>For 2" Wall Instead Of 1", Add</i>	725.02		
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,099.04		
23 51 16 00-0067	EA	42" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	2,682.95		96.57
		<i>For Aluminum Liner, Add</i>	134.29		
		<i>For 304 Stainless Steel Liner, Add</i>	183.13		
		<i>For 2" Wall Instead Of 1", Add</i>	756.63		
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,147.01		
23 51 16 00-0068	EA	44" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	2,846.51		100.95
		<i>For Aluminum Liner, Add</i>	142.69		
		<i>For 304 Stainless Steel Liner, Add</i>	194.57		
		<i>For 2" Wall Instead Of 1", Add</i>	803.51		
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,217.87		
23 51 16 00-0069	EA	46" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	3,060.95		105.34
		<i>For Aluminum Liner, Add</i>	153.88		
		<i>For 304 Stainless Steel Liner, Add</i>	209.83		
		<i>For 2" Wall Instead Of 1", Add</i>	865.65		
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,311.63		
23 51 16 00-0070	EA	48" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	3,173.64		109.73
		<i>For Aluminum Liner, Add</i>	159.47		
		<i>For 304 Stainless Steel Liner, Add</i>	217.46		
		<i>For 2" Wall Instead Of 1", Add</i>	897.26		
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,359.60		
23 51 16 00-0071 Tees (23 51 16 00-0001)					
23 51 16 00-0072	EA	3" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	106.83		26.01
		<i>For Aluminum Liner, Add</i>	2.29		
		<i>For 304 Stainless Steel Liner, Add</i>	3.13		
		<i>For 2" Wall Instead Of 1", Add</i>	19.03		
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	31.79		
23 51 16 00-0073	EA	4" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	111.23		27.00
		<i>For Aluminum Liner, Add</i>	2.41		
		<i>For 304 Stainless Steel Liner, Add</i>	3.28		
		<i>For 2" Wall Instead Of 1", Add</i>	19.87		
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	33.18		
23 51 16 00-0074	EA	5" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	116.01		28.10
		<i>For Aluminum Liner, Add</i>	2.52		
		<i>For 304 Stainless Steel Liner, Add</i>	3.43		
		<i>For 2" Wall Instead Of 1", Add</i>	20.76		
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	34.65		
23 51 16 00-0075	EA	6" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	124.07		29.29
		<i>For Aluminum Liner, Add</i>	2.80		
		<i>For 304 Stainless Steel Liner, Add</i>	3.82		
		<i>For 2" Wall Instead Of 1", Add</i>	22.58		
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	37.53		
23 51 16 00-0076	EA	7" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	146.57		30.50
		<i>For Aluminum Liner, Add</i>	3.86		
		<i>For 304 Stainless Steel Liner, Add</i>	5.27		
		<i>For 2" Wall Instead Of 1", Add</i>	28.70		
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	46.86		
23 51 16 00-0077	EA	8" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	157.09		31.93
		<i>For Aluminum Liner, Add</i>	4.25		
		<i>For 304 Stainless Steel Liner, Add</i>	5.80		
		<i>For 2" Wall Instead Of 1", Add</i>	31.17		
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	50.75		
23 51 16 00-0078	EA	10" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	293.19		33.47
		<i>For Aluminum Liner, Add</i>	11.53		
		<i>For 304 Stainless Steel Liner, Add</i>	15.72		
		<i>For 2" Wall Instead Of 1", Add</i>	71.24		
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	111.03		
23 51 16 00-0079	EA	12" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	340.07		35.12
		<i>For Aluminum Liner, Add</i>	13.88		
		<i>For 304 Stainless Steel Liner, Add</i>	18.92		
		<i>For 2" Wall Instead Of 1", Add</i>	84.47		
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	131.09		
23 51 16 00-0080	EA	14" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	508.54		39.07
		<i>For Aluminum Liner, Add</i>	22.61		
		<i>For 304 Stainless Steel Liner, Add</i>	30.83		
		<i>For 2" Wall Instead Of 1", Add</i>	133.06		
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	204.46		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0081	EA		16" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	691.63	43.89
			For Aluminum Liner, Add	32.01	
			For 304 Stainless Steel Liner, Add	43.65	
			For 2" Wall Instead Of 1", Add	185.55	
			For 3" To 4" Wall Instead Of 1", Add	283.81	
23 51 16 00-0082	EA		18" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	857.89	50.15
			For Aluminum Liner, Add	40.29	
			For 304 Stainless Steel Liner, Add	54.94	
			For 2" Wall Instead Of 1", Add	232.29	
			For 3" To 4" Wall Instead Of 1", Add	354.71	
23 51 16 00-0083	EA		20" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	1,141.66	61.99
			For Aluminum Liner, Add	54.28	
			For 304 Stainless Steel Liner, Add	74.01	
			For 2" Wall Instead Of 1", Add	311.54	
			For 3" To 4" Wall Instead Of 1", Add	475.04	
23 51 16 00-0084	EA		22" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	1,433.48	80.98
			For Aluminum Liner, Add	67.71	
			For 304 Stainless Steel Liner, Add	92.33	
			For 2" Wall Instead Of 1", Add	389.55	
			For 3" To 4" Wall Instead Of 1", Add	594.45	
23 51 16 00-0085	EA		24" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	1,648.48	85.59
			For Aluminum Liner, Add	78.90	
			For 304 Stainless Steel Liner, Add	107.59	
			For 2" Wall Instead Of 1", Add	451.75	
			For 3" To 4" Wall Instead Of 1", Add	688.32	
23 51 16 00-0086	EA		26" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	2,265.27	92.18
			For Aluminum Liner, Add	111.91	
			For 304 Stainless Steel Liner, Add	152.61	
			For 2" Wall Instead Of 1", Add	633.48	
			For 3" To 4" Wall Instead Of 1", Add	961.74	
23 51 16 00-0087	EA		28" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	2,528.46	95.79
			For Aluminum Liner, Add	125.90	
			For 304 Stainless Steel Liner, Add	171.68	
			For 2" Wall Instead Of 1", Add	710.66	
			For 3" To 4" Wall Instead Of 1", Add	1,077.96	
23 51 16 00-0088	EA		30" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	2,744.94	100.95
			For Aluminum Liner, Add	137.09	
			For 304 Stainless Steel Liner, Add	186.94	
			For 2" Wall Instead Of 1", Add	773.01	
			For 3" To 4" Wall Instead Of 1", Add	1,172.13	
23 51 16 00-0089	EA		32" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	3,162.78	105.34
			For Aluminum Liner, Add	159.47	
			For 304 Stainless Steel Liner, Add	217.46	
			For 2" Wall Instead Of 1", Add	896.18	
			For 3" To 4" Wall Instead Of 1", Add	1,357.43	
23 51 16 00-0090	EA		34" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	3,224.70	109.73
			For Aluminum Liner, Add	162.27	
			For 304 Stainless Steel Liner, Add	221.28	
			For 2" Wall Instead Of 1", Add	912.54	
			For 3" To 4" Wall Instead Of 1", Add	1,382.53	
23 51 16 00-0091	EA		36" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	3,751.83	117.09
			For Aluminum Liner, Add	190.25	
			For 304 Stainless Steel Liner, Add	259.43	
			For 2" Wall Instead Of 1", Add	1,067.00	
			For 3" To 4" Wall Instead Of 1", Add	1,615.13	
23 51 16 00-0092	EA		38" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	3,839.25	131.67
			For Aluminum Liner, Add	193.05	
			For 304 Stainless Steel Liner, Add	263.24	
			For 2" Wall Instead Of 1", Add	1,085.91	
			For 3" To 4" Wall Instead Of 1", Add	1,645.33	
23 51 16 00-0093	EA		40" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	4,191.46	150.55
			For Aluminum Liner, Add	209.83	
			For 304 Stainless Steel Liner, Add	286.14	
			For 2" Wall Instead Of 1", Add	1,182.17	
			For 3" To 4" Wall Instead Of 1", Add	1,792.08	
23 51 16 00-0094	EA		42" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	4,610.16	175.58
			For Aluminum Liner, Add	229.42	
			For 304 Stainless Steel Liner, Add	312.84	
			For 2" Wall Instead Of 1", Add	1,295.26	
			For 3" To 4" Wall Instead Of 1", Add	1,964.84	
23 51 16 00-0095	EA		44" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	5,020.69	197.52
			For Aluminum Liner, Add	249.00	
			For 304 Stainless Steel Liner, Add	339.55	
			For 2" Wall Instead Of 1", Add	1,407.53	
			For 3" To 4" Wall Instead Of 1", Add	2,135.96	
23 51 16 00-0096	EA		46" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	5,495.03	204.11
			For Aluminum Liner, Add	274.18	
			For 304 Stainless Steel Liner, Add	373.88	
			For 2" Wall Instead Of 1", Add	1,546.53	
			For 3" To 4" Wall Instead Of 1", Add	2,345.28	
23 51 16 00-0097	EA		48" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	5,816.87	210.68
			For Aluminum Liner, Add	290.97	
			For 304 Stainless Steel Liner, Add	396.77	
			For 2" Wall Instead Of 1", Add	1,639.75	
			For 3" To 4" Wall Instead Of 1", Add	2,485.95	

23 51 16 00-0098 Vent Top Caps (23 51 16 00-0001)

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 50 Central Heating Equipment

23 51 Breechings, Chimneys, and Stacks



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 51 16 00-0099	EA 3" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	53.94	15.25
	For Aluminum Liner, Add	0.87	
	For 304 Stainless Steel Liner, Add	1.18	
	For 2" Wall Instead Of 1", Add	8.55	
	For 3" To 4" Wall Instead Of 1", Add	14.73	
23 51 16 00-0100	EA 4" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	56.52	16.02
	For Aluminum Liner, Add	0.91	
	For 304 Stainless Steel Liner, Add	1.24	
	For 2" Wall Instead Of 1", Add	8.97	
	For 3" To 4" Wall Instead Of 1", Add	15.45	
23 51 16 00-0101	EA 6" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	72.68	17.56
	For Aluminum Liner, Add	1.58	
	For 304 Stainless Steel Liner, Add	2.16	
	For 2" Wall Instead Of 1", Add	13.03	
	For 3" To 4" Wall Instead Of 1", Add	21.73	
23 51 16 00-0102	EA 8" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	77.51	19.53
	For Aluminum Liner, Add	1.58	
	For 304 Stainless Steel Liner, Add	2.16	
	For 2" Wall Instead Of 1", Add	13.51	
	For 3" To 4" Wall Instead Of 1", Add	22.70	
23 51 16 00-0103	EA 10" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	94.00	20.63
	For Aluminum Liner, Add	2.33	
	For 304 Stainless Steel Liner, Add	3.18	
	For 2" Wall Instead Of 1", Add	17.88	
	For 3" To 4" Wall Instead Of 1", Add	29.41	
23 51 16 00-0104	EA 12" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	110.82	21.95
	For Aluminum Liner, Add	3.08	
	For 304 Stainless Steel Liner, Add	4.20	
	For 2" Wall Instead Of 1", Add	22.27	
	For 3" To 4" Wall Instead Of 1", Add	36.15	
23 51 16 00-0105	EA 16" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	259.01	25.02
	For Aluminum Liner, Add	10.80	
	For 304 Stainless Steel Liner, Add	14.73	
	For 2" Wall Instead Of 1", Add	65.17	
	For 3" To 4" Wall Instead Of 1", Add	100.89	
23 51 16 00-0106	EA 18" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	481.23	31.38
	For Aluminum Liner, Add	22.16	
	For 304 Stainless Steel Liner, Add	30.22	
	For 2" Wall Instead Of 1", Add	128.70	
	For 3" To 4" Wall Instead Of 1", Add	196.97	
23 51 16 00-0107	EA 20" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	887.60	37.64
	For Aluminum Liner, Add	43.65	
	For 304 Stainless Steel Liner, Add	59.52	
	For 2" Wall Instead Of 1", Add	247.47	
	For 3" To 4" Wall Instead Of 1", Add	375.91	
23 51 16 00-0108	EA 24" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	1,474.63	52.68
	For Aluminum Liner, Add	73.86	
	For 304 Stainless Steel Liner, Add	100.72	
	For 2" Wall Instead Of 1", Add	416.05	
	For 3" To 4" Wall Instead Of 1", Add	630.66	
23 51 16 00-0109	EA 26" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	2,173.29	55.42
	For Aluminum Liner, Add	111.91	
	For 304 Stainless Steel Liner, Add	152.61	
	For 2" Wall Instead Of 1", Add	624.28	
	For 3" To 4" Wall Instead Of 1", Add	943.34	
23 51 16 00-0110	EA 28" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	2,435.39	58.49
	For Aluminum Liner, Add	125.90	
	For 304 Stainless Steel Liner, Add	171.68	
	For 2" Wall Instead Of 1", Add	701.36	
	For 3" To 4" Wall Instead Of 1", Add	1,059.35	
23 51 16 00-0111	EA 30" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	2,749.28	61.99
	For Aluminum Liner, Add	142.69	
	For 304 Stainless Steel Liner, Add	194.57	
	For 2" Wall Instead Of 1", Add	793.79	
	For 3" To 4" Wall Instead Of 1", Add	1,198.43	
23 51 16 00-0112	EA 32" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	2,911.57	65.84
	For Aluminum Liner, Add	151.08	
	For 304 Stainless Steel Liner, Add	206.02	
	For 2" Wall Instead Of 1", Add	840.54	
	For 3" To 4" Wall Instead Of 1", Add	1,269.04	
23 51 16 00-0113	EA 34" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	3,075.13	70.22
	For Aluminum Liner, Add	159.47	
	For 304 Stainless Steel Liner, Add	217.46	
	For 2" Wall Instead Of 1", Add	887.41	
	For 3" To 4" Wall Instead Of 1", Add	1,339.90	
23 51 16 00-0114	EA 36" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	3,291.01	75.28
	For Aluminum Liner, Add	170.66	
	For 304 Stainless Steel Liner, Add	232.72	
	For 2" Wall Instead Of 1", Add	949.70	
	For 3" To 4" Wall Instead Of 1", Add	1,433.95	
23 51 16 00-0115	Wall Thimbles <small>(23 51 16 00-0001)</small>		
23 51 16 00-0116	EA 3" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe.....	22.32	8.23
	For Aluminum Liner, Add	0.10	
	For 304 Stainless Steel Liner, Add	0.14	
	For 2" Wall Instead Of 1", Add	2.59	
	For 3" To 4" Wall Instead Of 1", Add	4.92	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0117	EA		4" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	28.30	10.54
			For Aluminum Liner, Add	0.10	
			For 304 Stainless Steel Liner, Add	0.14	
			For 2" Wall Instead Of 1", Add	3.20	
			For 3" To 4" Wall Instead Of 1", Add	6.13	
23 51 16 00-0118	EA		5" Or 6" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	37.68	14.15
			For Aluminum Liner, Add	0.13	
			For 304 Stainless Steel Liner, Add	0.17	
			For 2" Wall Instead Of 1", Add	4.22	
			For 3" To 4" Wall Instead Of 1", Add	8.11	
23 51 16 00-0119	EA		7" Or 8" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	47.13	17.56
			For Aluminum Liner, Add	0.18	
			For 304 Stainless Steel Liner, Add	0.24	
			For 2" Wall Instead Of 1", Add	5.36	
			For 3" To 4" Wall Instead Of 1", Add	10.24	
23 51 16 00-0120	EA		10" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	67.59	23.70
			For Aluminum Liner, Add	0.46	
			For 304 Stainless Steel Liner, Add	0.63	
			For 2" Wall Instead Of 1", Add	8.43	
			For 3" To 4" Wall Instead Of 1", Add	15.60	
23 51 16 00-0121	EA		12" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	85.32	29.41
			For Aluminum Liner, Add	0.65	
			For 304 Stainless Steel Liner, Add	0.89	
			For 2" Wall Instead Of 1", Add	10.89	
			For 3" To 4" Wall Instead Of 1", Add	20.01	
23 51 16 00-0122	EA		14" Or 16" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	107.78	35.12
			For Aluminum Liner, Add	1.10	
			For 304 Stainless Steel Liner, Add	1.50	
			For 2" Wall Instead Of 1", Add	14.78	
			For 3" To 4" Wall Instead Of 1", Add	26.56	
23 51 16 00-0123	EA		18" Or 20" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	140.04	41.70
			For Aluminum Liner, Add	1.97	
			For 304 Stainless Steel Liner, Add	2.69	
			For 2" Wall Instead Of 1", Add	21.16	
			For 3" To 4" Wall Instead Of 1", Add	36.96	
23 51 16 00-0124	EA		22" Or 24" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	187.20	46.09
			For Aluminum Liner, Add	3.96	
			For 304 Stainless Steel Liner, Add	5.40	
			For 2" Wall Instead Of 1", Add	33.12	
			For 3" To 4" Wall Instead Of 1", Add	55.44	
23 51 16 00-0125			Adjustable Roof Flashing <small>(23 51 16 00-0001)</small>		
23 51 16 00-0126	EA		3" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	60.43	19.53
			For Aluminum Liner, Add	0.64	
			For 304 Stainless Steel Liner, Add	0.88	
			For 2" Wall Instead Of 1", Add	8.38	
			For 3" To 4" Wall Instead Of 1", Add	15.01	
23 51 16 00-0127	EA		4" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	66.73	20.63
			For Aluminum Liner, Add	0.83	
			For 304 Stainless Steel Liner, Add	1.13	
			For 2" Wall Instead Of 1", Add	9.69	
			For 3" To 4" Wall Instead Of 1", Add	17.11	
23 51 16 00-0128	EA		6" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	83.71	23.37
			For Aluminum Liner, Add	1.39	
			For 304 Stainless Steel Liner, Add	1.89	
			For 2" Wall Instead Of 1", Add	13.42	
			For 3" To 4" Wall Instead Of 1", Add	23.05	
23 51 16 00-0129	EA		8" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	101.97	27.00
			For Aluminum Liner, Add	1.90	
			For 304 Stainless Steel Liner, Add	2.59	
			For 2" Wall Instead Of 1", Add	17.10	
			For 3" To 4" Wall Instead Of 1", Add	29.02	
23 51 16 00-0130	EA		10" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	167.82	29.29
			For Aluminum Liner, Add	5.20	
			For 304 Stainless Steel Liner, Add	7.10	
			For 2" Wall Instead Of 1", Add	35.71	
			For 3" To 4" Wall Instead Of 1", Add	57.22	
23 51 16 00-0131	EA		12" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	199.82	31.93
			For Aluminum Liner, Add	6.60	
			For 304 Stainless Steel Liner, Add	9.00	
			For 2" Wall Instead Of 1", Add	43.99	
			For 3" To 4" Wall Instead Of 1", Add	69.98	
23 51 16 00-0132	EA		14" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	235.30	35.12
			For Aluminum Liner, Add	8.11	
			For 304 Stainless Steel Liner, Add	11.06	
			For 2" Wall Instead Of 1", Add	53.03	
			For 3" To 4" Wall Instead Of 1", Add	83.94	
23 51 16 00-0133	EA		16" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	280.80	39.07
			For Aluminum Liner, Add	10.07	
			For 304 Stainless Steel Liner, Add	13.73	
			For 2" Wall Instead Of 1", Add	64.71	
			For 3" To 4" Wall Instead Of 1", Add	101.94	
23 51 16 00-0134	EA		18" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	425.15	43.89
			For Aluminum Liner, Add	17.35	
			For 304 Stainless Steel Liner, Add	23.65	
			For 2" Wall Instead Of 1", Add	105.59	
			For 3" To 4" Wall Instead Of 1", Add	163.88	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 50 Central Heating Equipment

23 51 Breechings, Chimneys, and Stacks



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0135	EA		20" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	467.80	58.49
			<i>For Aluminum Liner, Add</i>	17.68	
			<i>For 304 Stainless Steel Liner, Add</i>	24.11	
			<i>For 2" Wall Instead Of 1", Add</i>	111.08	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	173.93	
23 51 16 00-0136	EA		22" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	595.11	75.28
			<i>For Aluminum Liner, Add</i>	22.38	
			<i>For 304 Stainless Steel Liner, Add</i>	30.52	
			<i>For 2" Wall Instead Of 1", Add</i>	140.90	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	220.76	
23 51 16 00-0137	EA		24" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	707.81	87.78
			<i>For Aluminum Liner, Add</i>	26.86	
			<i>For 304 Stainless Steel Liner, Add</i>	36.63	
			<i>For 2" Wall Instead Of 1", Add</i>	168.45	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	263.65	
23 51 16 00-0138 Galvanized Storm Collars (23 51 16 00-0001)					
23 51 16 00-0139	EA		3" Round Galvanized Storm Collar, Double Wall	23.89	8.23
			<i>For Aluminum Liner, Add</i>	0.19	
			<i>For 304 Stainless Steel Liner, Add</i>	0.25	
			<i>For 2" Wall Instead Of 1", Add</i>	3.07	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	5.62	
23 51 16 00-0140	EA		4" Round Galvanized Storm Collar, Double Wall	30.22	10.54
			<i>For Aluminum Liner, Add</i>	0.21	
			<i>For 304 Stainless Steel Liner, Add</i>	0.29	
			<i>For 2" Wall Instead Of 1", Add</i>	3.80	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	7.01	
23 51 16 00-0141	EA		5" Round Galvanized Storm Collar, Double Wall	35.55	12.29
			<i>For Aluminum Liner, Add</i>	0.27	
			<i>For 304 Stainless Steel Liner, Add</i>	0.36	
			<i>For 2" Wall Instead Of 1", Add</i>	4.52	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	8.32	
23 51 16 00-0142	EA		6" Round Galvanized Storm Collar, Double Wall	40.91	14.04
			<i>For Aluminum Liner, Add</i>	0.32	
			<i>For 304 Stainless Steel Liner, Add</i>	0.43	
			<i>For 2" Wall Instead Of 1", Add</i>	5.25	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	9.63	
23 51 16 00-0143	EA		7" Or 8" Round Galvanized Storm Collar, Double Wall	51.60	17.56
			<i>For Aluminum Liner, Add</i>	0.42	
			<i>For 304 Stainless Steel Liner, Add</i>	0.58	
			<i>For 2" Wall Instead Of 1", Add</i>	6.70	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	12.25	
23 51 16 00-0144	EA		10" Round Galvanized Storm Collar, Double Wall	71.34	23.70
			<i>For Aluminum Liner, Add</i>	0.66	
			<i>For 304 Stainless Steel Liner, Add</i>	0.91	
			<i>For 2" Wall Instead Of 1", Add</i>	9.55	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	17.29	
23 51 16 00-0145	EA		12" Round Galvanized Storm Collar, Double Wall	88.04	29.41
			<i>For Aluminum Liner, Add</i>	0.80	
			<i>For 304 Stainless Steel Liner, Add</i>	1.09	
			<i>For 2" Wall Instead Of 1", Add</i>	11.71	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	21.24	
23 51 16 00-0146	EA		14" Or 16" Round Galvanized Storm Collar, Double Wall	112.41	35.12
			<i>For Aluminum Liner, Add</i>	1.35	
			<i>For 304 Stainless Steel Liner, Add</i>	1.85	
			<i>For 2" Wall Instead Of 1", Add</i>	16.17	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	28.64	
23 51 16 00-0147	EA		18" Or 20" Round Galvanized Storm Collar, Double Wall	148.81	41.70
			<i>For Aluminum Liner, Add</i>	2.45	
			<i>For 304 Stainless Steel Liner, Add</i>	3.34	
			<i>For 2" Wall Instead Of 1", Add</i>	23.80	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	40.90	
23 51 16 00-0148	EA		22" Or 24" Round Galvanized Storm Collar, Double Wall	209.12	46.09
			<i>For Aluminum Liner, Add</i>	5.17	
			<i>For 304 Stainless Steel Liner, Add</i>	7.04	
			<i>For 2" Wall Instead Of 1", Add</i>	39.69	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	65.30	
23 51 16 00-0149 Oval Galvanized Double Wall Flue/Vent Pipe And Fittings (23 51 16)					
23 51 16 00-0150 Oval Galvanized Double Wall Flue/Vent Pipe (23 51 16 00-0149)					
23 51 16 00-0151	LF		4" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	40.38	10.32
			<i>For 2" Wall Instead Of 1", Add</i>	6.96	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	11.72	
23 51 16 00-0152	LF		5" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	44.55	10.97
			<i>For 2" Wall Instead Of 1", Add</i>	7.92	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	13.24	
23 51 16 00-0153	LF		6" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	49.37	11.75
			<i>For 2" Wall Instead Of 1", Add</i>	8.96	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	14.90	
23 51 16 00-0154 45 Degree Elbows (23 51 16 00-0149)					
23 51 16 00-0155	EA		4" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	88.84	21.40
			<i>For 2" Wall Instead Of 1", Add</i>	15.84	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	26.43	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0156	EA		5" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe <i>For 2" Wall Instead Of 1", Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	103.24 18.46 30.82	25.02
23 51 16 00-0157	EA		6" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe <i>For 2" Wall Instead Of 1", Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	122.98 22.73 37.64	28.31
23 51 16 00-0158	EA		4" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe <i>For 2" Wall Instead Of 1", Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	90.23 16.36 27.22	21.40
23 51 16 00-0159	EA		5" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe <i>For 2" Wall Instead Of 1", Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	107.49 19.74 32.73	25.02
23 51 16 00-0160	EA		6" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe <i>For 2" Wall Instead Of 1", Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	125.73 23.56 38.88	28.31
23 51 16 00-0161			Tees <small>(23 51 16 00-0149)</small>		
23 51 16 00-0162	EA		4" Standard Oval Flue/Vent Pipe Tee, Galvanized Double Wall Breech/Smoke Pipe <i>For 2" Wall Instead Of 1", Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	147.95 28.13 46.26	32.48
23 51 16 00-0163	EA		4" Short Snout Oval Flue/Vent Tee, Galvanized Double Wall Breech/Smoke Pipe <i>For 2" Wall Instead Of 1", Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	150.70 28.95 47.49	32.48
23 51 16 00-0164	EA		5" Standard Oval Flue/Vent Pipe Tee, Galvanized Double Wall Breech/Smoke Pipe <i>For 2" Wall Instead Of 1", Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	173.17 33.30 54.61	37.31
23 51 16 00-0165	EA		6" Oval Flue/Vent Tee With Round Coupling, Galvanized Double Wall Breech/Smoke Pipe <i>For 2" Wall Instead Of 1", Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	198.13 38.54 63.03	41.81
23 51 16 00-0166			Tops/Caps And Adjustable Flashing <small>(23 51 16 00-0149)</small>		
23 51 16 00-0167	EA		4" Oval Flue/Vent Pipe Top/Cap, Galvanized Double Wall Breech/Smoke Pipe <i>For 2" Wall Instead Of 1", Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	56.65 11.71 18.88	10.54
23 51 16 00-0168	EA		6" Oval Flue/Vent Pipe Top/Cap, Galvanized Double Wall Breech/Smoke Pipe <i>For 2" Wall Instead Of 1", Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	88.45 19.46 30.95	14.15
23 51 16 00-0169	EA		4" Oval Flue/Vent Adjustable Flashing, Galvanized Double Wall Breech/Smoke Pipe <i>For 2" Wall Instead Of 1", Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	45.91 8.49 14.05	10.54
23 51 16 00-0170	EA		6" Oval Flue/Vent Adjustable Flashing, Galvanized Double Wall Breech/Smoke Pipe <i>For 2" Wall Instead Of 1", Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	78.34 16.42 26.40	14.15
23 51 16 00-0171			Storm Collars <small>(23 51 16 00-0149)</small>		
23 51 16 00-0172	EA		4" Oval Galvanized Storm Collar, Double Wall <i>For 2" Wall Instead Of 1", Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	30.22 3.80 7.01	10.54
23 51 16 00-0173	EA		5" Oval Galvanized Storm Collar, Double Wall <i>For 2" Wall Instead Of 1", Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	35.55 4.52 8.32	12.29
23 51 16 00-0174	EA		6" Oval Galvanized Storm Collar, Double Wall <i>For 2" Wall Instead Of 1", Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	40.91 5.25 9.63	14.04
23 51 16 00-0175			Round Double Wall Flue/Vent Pipe And Fittings <small>(23 51 16)</small> Note: 304 Stainless steel inner wall and aluminum steel outer jacket, with 1" insulation.		
23 51 16 00-0176			Round Double Wall Flue/Vent Pipe <small>(23 51 16 00-0175)</small> Note: 304 Stainless steel inner wall and aluminum steel outer jacket, with 1" insulation.		
23 51 16 00-0177	LF		6" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i> <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	109.16 12.78 7.99 15.97	11.75
23 51 16 00-0178	LF		8" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i> <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	131.27 15.59 9.75 19.49	13.50
23 51 16 00-0179	LF		10" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i> <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	145.74 17.47 10.92 21.84	14.60
23 51 16 00-0180	LF		12" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i> <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	164.36 19.92 12.45 24.89	15.91
23 51 16 00-0181	LF		14" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i> <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	185.08 22.92 14.33 28.65	16.68

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 50 Central Heating Equipment

23 51 Breechings, Chimneys, and Stacks



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 51 16 00-0182	LF	16" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel		195.45	17.56
		Outer Jacket			
		For 316 Stainless Steel, Add		24.24	
		For 2" Insulated Wall Instead Of 1" Thickness, Add		15.15	
		For 3" Insulated Wall Instead Of 1" Thickness, Add		30.30	
23 51 16 00-0183	LF	18" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel		216.53	18.55
		Outer Jacket			
		For 316 Stainless Steel, Add		27.24	
		For 2" Insulated Wall Instead Of 1" Thickness, Add		17.03	
		For 3" Insulated Wall Instead Of 1" Thickness, Add		34.05	
23 51 16 00-0184	LF	20" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel		268.13	29.29
		Outer Jacket			
		For 316 Stainless Steel, Add		31.19	
		For 2" Insulated Wall Instead Of 1" Thickness, Add		19.49	
		For 3" Insulated Wall Instead Of 1" Thickness, Add		38.99	
23 51 16 00-0185	LF	24" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel		333.62	32.92
		Outer Jacket			
		For 316 Stainless Steel, Add		40.21	
		For 2" Insulated Wall Instead Of 1" Thickness, Add		25.13	
		For 3" Insulated Wall Instead Of 1" Thickness, Add		50.26	
23 51 16 00-0186	LF	28" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel		376.62	35.12
		Outer Jacket			
		For 316 Stainless Steel, Add		46.22	
		For 2" Insulated Wall Instead Of 1" Thickness, Add		28.89	
		For 3" Insulated Wall Instead Of 1" Thickness, Add		57.77	
23 51 16 00-0187	LF	32" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel		421.54	38.96
		Outer Jacket			
		For 316 Stainless Steel, Add		51.86	
		For 2" Insulated Wall Instead Of 1" Thickness, Add		32.41	
		For 3" Insulated Wall Instead Of 1" Thickness, Add		64.82	
23 51 16 00-0188	LF	36" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel		469.24	42.14
		Outer Jacket			
		For 316 Stainless Steel, Add		58.24	
		For 2" Insulated Wall Instead Of 1" Thickness, Add		36.40	
		For 3" Insulated Wall Instead Of 1" Thickness, Add		72.81	
23 51 16 00-0189	LF	42" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel		535.67	47.95
		Outer Jacket			
		For 316 Stainless Steel, Add		66.51	
		For 2" Insulated Wall Instead Of 1" Thickness, Add		41.57	
		For 3" Insulated Wall Instead Of 1" Thickness, Add		83.14	
23 51 16 00-0190	LF	48" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel		627.32	55.53
		Outer Jacket			
		For 316 Stainless Steel, Add		78.16	
		For 2" Insulated Wall Instead Of 1" Thickness, Add		48.85	
		For 3" Insulated Wall Instead Of 1" Thickness, Add		97.70	
23 51 16 00-0191		90 Degree Elbows <small>(23 51 16 00-0175)</small>			
23 51 16 00-0192	EA	6" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket		513.86	24.25
		For 316 Stainless Steel, Add		90.65	
		For 2" Insulated Wall Instead Of 1" Thickness, Add		45.33	
		For 3" Insulated Wall Instead Of 1" Thickness, Add		90.65	
23 51 16 00-0193	EA	8" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket		567.71	27.00
		For 316 Stainless Steel, Add		100.05	
		For 2" Insulated Wall Instead Of 1" Thickness, Add		50.02	
		For 3" Insulated Wall Instead Of 1" Thickness, Add		100.05	
23 51 16 00-0194	EA	10" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket		646.28	29.29
		For 316 Stainless Steel, Add		114.61	
		For 2" Insulated Wall Instead Of 1" Thickness, Add		57.31	
		For 3" Insulated Wall Instead Of 1" Thickness, Add		114.61	
23 51 16 00-0195	EA	12" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket		730.33	31.93
		For 316 Stainless Steel, Add		130.11	
		For 2" Insulated Wall Instead Of 1" Thickness, Add		65.06	
		For 3" Insulated Wall Instead Of 1" Thickness, Add		130.11	
23 51 16 00-0196	EA	14" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket		846.90	33.47
		For 316 Stainless Steel, Add		152.66	
		For 2" Insulated Wall Instead Of 1" Thickness, Add		76.33	
		For 3" Insulated Wall Instead Of 1" Thickness, Add		152.66	
23 51 16 00-0197	EA	16" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket		933.25	35.12
		For 316 Stainless Steel, Add		169.10	
		For 2" Insulated Wall Instead Of 1" Thickness, Add		84.55	
		For 3" Insulated Wall Instead Of 1" Thickness, Add		169.10	
23 51 16 00-0198	EA	18" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket		1,078.78	36.98
		For 316 Stainless Steel, Add		197.28	
		For 2" Insulated Wall Instead Of 1" Thickness, Add		98.64	
		For 3" Insulated Wall Instead Of 1" Thickness, Add		197.28	
23 51 16 00-0199	EA	20" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket		1,250.14	58.49
		For 316 Stainless Steel, Add		220.76	
		For 2" Insulated Wall Instead Of 1" Thickness, Add		110.38	
		For 3" Insulated Wall Instead Of 1" Thickness, Add		220.76	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0200	EA		24" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,538.50	65.84
			<i>For 316 Stainless Steel, Add</i>	274.78	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	137.39	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	274.78	
23 51 16 00-0201	EA		28" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,866.54	70.22
			<i>For 316 Stainless Steel, Add</i>	338.19	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	169.10	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	338.19	
23 51 16 00-0202	EA		32" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,466.13	75.17
			<i>For 316 Stainless Steel, Add</i>	455.62	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	227.81	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	455.62	
23 51 16 00-0203	EA		36" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,802.88	87.78
			<i>For 316 Stainless Steel, Add</i>	516.68	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	258.34	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	516.68	
23 51 16 00-0204	EA		42" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	4,114.47	95.79
			<i>For 316 Stainless Steel, Add</i>	775.02	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	387.51	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	775.02	
23 51 16 00-0205	EA		48" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	5,136.59	105.34
			<i>For 316 Stainless Steel, Add</i>	974.65	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	487.32	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	974.65	
23 51 16 00-0206			45 Degree Elbows <small>(23 51 16 00-0175)</small>		
23 51 16 00-0207	EA		6" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	342.66	23.37
			<i>For 316 Stainless Steel, Add</i>	56.83	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	28.42	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	56.83	
23 51 16 00-0208	EA		8" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	391.57	27.00
			<i>For 316 Stainless Steel, Add</i>	64.82	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	32.41	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	64.82	
23 51 16 00-0209	EA		10" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	434.88	29.29
			<i>For 316 Stainless Steel, Add</i>	72.34	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	36.17	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	72.34	
23 51 16 00-0210	EA		12" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	495.48	31.93
			<i>For 316 Stainless Steel, Add</i>	83.14	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	41.57	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	83.14	
23 51 16 00-0211	EA		14" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	558.03	33.47
			<i>For 316 Stainless Steel, Add</i>	94.88	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	47.44	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	94.88	
23 51 16 00-0212	EA		16" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	625.59	35.12
			<i>For 316 Stainless Steel, Add</i>	107.56	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	53.78	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	107.56	
23 51 16 00-0213	EA		18" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	700.66	36.98
			<i>For 316 Stainless Steel, Add</i>	121.65	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	60.83	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	121.65	
23 51 16 00-0214	EA		20" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	841.49	58.49
			<i>For 316 Stainless Steel, Add</i>	139.03	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	69.52	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	139.03	
23 51 16 00-0215	EA		24" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,057.06	65.84
			<i>For 316 Stainless Steel, Add</i>	178.49	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	89.25	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	178.49	
23 51 16 00-0216	EA		28" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,185.46	70.22
			<i>For 316 Stainless Steel, Add</i>	201.98	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	100.99	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	201.98	
23 51 16 00-0217	EA		32" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,538.46	75.17
			<i>For 316 Stainless Steel, Add</i>	270.08	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	135.04	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	270.08	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 50 Central Heating Equipment

23 51 Breechings, Chimneys, and Stacks



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 51 16 00-0218	EA 36" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,039.60	87.78
	<i>For 316 Stainless Steel, Add</i>	364.03	
	<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	182.01	
	<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	364.03	
23 51 16 00-0219	EA 42" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,705.34	95.79
	<i>For 316 Stainless Steel, Add</i>	493.20	
	<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	246.60	
	<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	493.20	
23 51 16 00-0220	EA 48" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,610.07	105.34
	<i>For 316 Stainless Steel, Add</i>	669.34	
	<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	334.67	
	<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	669.34	
23 51 16 00-0221 Tees (23 51 16 00-0175)			
23 51 16 00-0222	EA 6" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	371.50	29.29
	<i>For 316 Stainless Steel, Add</i>	65.62	
	<i>For Tee Cap, Add</i>	85.28	
	<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	29.83	
	<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	59.65	
23 51 16 00-0223	EA 8" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	422.67	31.93
	<i>For 316 Stainless Steel, Add</i>	75.44	
	<i>For Tee Cap, Add</i>	96.50	
	<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	34.29	
	<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	68.58	
23 51 16 00-0224	EA 10" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	485.19	33.47
	<i>For 316 Stainless Steel, Add</i>	88.35	
	<i>For Tee Cap, Add</i>	109.58	
	<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	40.16	
	<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	80.32	
23 51 16 00-0225	EA 12" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	557.47	35.12
	<i>For 316 Stainless Steel, Add</i>	103.34	
	<i>For Tee Cap, Add</i>	124.66	
	<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	46.97	
	<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	93.94	
23 51 16 00-0226	EA 14" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	651.80	39.07
	<i>For 316 Stainless Steel, Add</i>	121.94	
	<i>For Tee Cap, Add</i>	144.99	
	<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	55.43	
	<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	110.85	
23 51 16 00-0227	EA 16" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	732.03	43.89
	<i>For 316 Stainless Steel, Add</i>	136.92	
	<i>For Tee Cap, Add</i>	162.86	
	<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	62.24	
	<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	124.47	
23 51 16 00-0228	EA 18" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	853.36	50.15
	<i>For 316 Stainless Steel, Add</i>	160.17	
	<i>For Tee Cap, Add</i>	189.47	
	<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	72.81	
	<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	145.61	
23 51 16 00-0229	EA 20" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	976.90	61.99
	<i>For 316 Stainless Steel, Add</i>	180.84	
	<i>For Tee Cap, Add</i>	218.62	
	<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	82.20	
	<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	164.40	
23 51 16 00-0230	EA 24" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,241.09	87.78
	<i>For 316 Stainless Steel, Add</i>	224.76	
	<i>For Tee Cap, Add</i>	281.14	
	<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	102.16	
	<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	204.32	
23 51 16 00-0231	EA 28" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,507.58	95.79
	<i>For 316 Stainless Steel, Add</i>	279.01	
	<i>For Tee Cap, Add</i>	337.42	
	<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	126.82	
	<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	253.64	
23 51 16 00-0232	EA 32" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,001.28	105.34
	<i>For 316 Stainless Steel, Add</i>	382.34	
	<i>For Tee Cap, Add</i>	439.76	
	<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	173.79	
	<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	347.59	
23 51 16 00-0233	EA 36" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,230.32	117.09
	<i>For 316 Stainless Steel, Add</i>	426.26	
	<i>For Tee Cap, Add</i>	489.98	
	<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	193.76	
	<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	387.51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0234	EA		42" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,550.77	175.58
			<i>For 316 Stainless Steel, Add</i>	684.60	
			<i>For Tee Cap, Add</i>	776.00	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	311.18	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	622.37	
23 51 16 00-0235	EA		48" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	4,460.57	210.68
			<i>For 316 Stainless Steel, Add</i>	865.44	
			<i>For Tee Cap, Add</i>	971.13	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	393.38	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	786.76	
23 51 16 00-0236 Bellows <small>(23 51 16 00-0175)</small>					
23 51 16 00-0237	EA		6" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	701.99	23.37
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	64.35	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	128.70	
23 51 16 00-0238	EA		8" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	764.99	27.00
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	69.75	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	139.50	
23 51 16 00-0239	EA		10" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	836.51	29.29
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	76.33	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	152.66	
23 51 16 00-0240	EA		12" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	925.26	31.93
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	84.55	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	169.10	
23 51 16 00-0241	EA		14" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,034.78	33.47
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	95.12	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	190.23	
23 51 16 00-0242	EA		16" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,144.62	35.12
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	105.69	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	211.37	
23 51 16 00-0243	EA		18" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,278.41	36.98
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	118.60	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	237.20	
23 51 16 00-0244	EA		20" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,484.97	58.49
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	133.87	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	267.73	
23 51 16 00-0245	EA		24" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,832.09	65.84
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	166.75	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	333.49	
23 51 16 00-0246	EA		28" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,054.44	70.22
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	187.88	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	375.77	
23 51 16 00-0247	EA		32" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,348.83	75.28
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	216.07	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	432.13	
23 51 16 00-0248	EA		36" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,685.47	87.78
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	246.60	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	493.20	
23 51 16 00-0249	EA		42" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,409.92	95.79
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	317.05	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	634.11	
23 51 16 00-0250	EA		48" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	4,138.49	105.34
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	387.51	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	775.02	
23 51 16 00-0251 Ventilated Roof Thimbles <small>(23 51 16 00-0175)</small>					
23 51 16 00-0252	EA		6" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	466.77	27.00
			<i>For 316 Stainless Steel, Add</i>	39.93	
23 51 16 00-0253	EA		8" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	507.22	31.93
			<i>For 316 Stainless Steel, Add</i>	42.74	
23 51 16 00-0254	EA		10" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	555.11	35.12
			<i>For 316 Stainless Steel, Add</i>	46.74	
23 51 16 00-0255	EA		12" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	600.19	39.07
			<i>For 316 Stainless Steel, Add</i>	50.26	
23 51 16 00-0256	EA		14" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	763.25	41.37
			<i>For 316 Stainless Steel, Add</i>	65.99	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 51 Breechings, Chimneys, and Stacks**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 51 16 00-0257	EA	16" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	682.76	43.89
		<i>For 316 Stainless Steel, Add</i>	57.31	
23 51 16 00-0258	EA	18" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	734.77	46.85
		<i>For 316 Stainless Steel, Add</i>	61.77	
23 51 16 00-0259	EA	20" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	826.91	65.84
		<i>For 316 Stainless Steel, Add</i>	66.23	
23 51 16 00-0260	EA	24" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	927.70	75.17
		<i>For 316 Stainless Steel, Add</i>	73.98	
23 51 16 00-0261	EA	28" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,059.68	80.98
		<i>For 316 Stainless Steel, Add</i>	85.72	
23 51 16 00-0262	EA	32" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,182.24	87.67
		<i>For 316 Stainless Steel, Add</i>	96.29	
23 51 16 00-0263	EA	36" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,320.05	105.23
		<i>For 316 Stainless Steel, Add</i>	105.69	
23 51 16 00-0264	EA	42" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,689.88	116.98
		<i>For 316 Stainless Steel, Add</i>	139.74	
23 51 16 00-0265	EA	48" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,090.38	131.57
		<i>For 316 Stainless Steel, Add</i>	176.14	

23 51 16 00-0266 Exit Cones (23 51 16 00-0175)

23 51 16 00-0267	EA	6" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	322.38	15.25
23 51 16 00-0268	EA	8" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	340.09	16.68
23 51 16 00-0269	EA	10" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	365.63	17.56
23 51 16 00-0270	EA	12" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	382.04	18.44
23 51 16 00-0271	EA	14" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	420.86	18.98
23 51 16 00-0272	EA	16" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	459.68	19.42
23 51 16 00-0273	EA	18" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	557.41	20.08
23 51 16 00-0274	EA	20" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	697.65	37.64
23 51 16 00-0275	EA	24" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	876.29	40.49
23 51 16 00-0276	EA	28" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,044.77	42.14
23 51 16 00-0277	EA	32" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,284.02	43.89
23 51 16 00-0278	EA	36" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,458.42	47.95
23 51 16 00-0279	EA	42" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,839.89	50.15
23 51 16 00-0280	EA	48" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,351.07	52.68

23 51 16 00-0281 Vent Top Caps (23 51 16 00-0175)

23 51 16 00-0282	EA	6" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	352.83	15.25
23 51 16 00-0283	EA	8" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	408.19	16.68
23 51 16 00-0284	EA	10" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	473.64	17.56
23 51 16 00-0285	EA	12" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	544.06	18.44
23 51 16 00-0286	EA	14" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	634.53	18.98
23 51 16 00-0287	EA	16" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	720.44	19.53
23 51 16 00-0288	EA	18" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	801.70	20.08
23 51 16 00-0289	EA	20" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	962.93	37.64
23 51 16 00-0290	EA	24" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,146.38	40.49
23 51 16 00-0291	EA	28" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,244.34	42.14
23 51 16 00-0292	EA	32" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,413.12	43.89
23 51 16 00-0293	EA	36" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,646.18	47.84
23 51 16 00-0294	EA	42" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,004.21	50.15
23 51 16 00-0295	EA	48" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,327.51	52.68

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 51 16 00-0296 Roof Support Assemblies (23 51 16 00-0175)

23 51 16 00-0297	EA		6" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	532.79	28.10
			<i>For 316 Stainless Steel, Add</i>	92.53	
23 51 16 00-0298	EA		8" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	588.56	33.47
			<i>For 316 Stainless Steel, Add</i>	100.99	
23 51 16 00-0299	EA		10" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	646.59	36.98
			<i>For 316 Stainless Steel, Add</i>	110.85	
23 51 16 00-0300	EA		12" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	690.35	41.26
			<i>For 316 Stainless Steel, Add</i>	117.43	
23 51 16 00-0301	EA		14" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	769.66	43.89
			<i>For 316 Stainless Steel, Add</i>	131.99	
23 51 16 00-0302	EA		16" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	816.94	46.85
			<i>For 316 Stainless Steel, Add</i>	139.97	
23 51 16 00-0303	EA		18" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	877.06	50.26
			<i>For 316 Stainless Steel, Add</i>	150.31	
23 51 16 00-0304	EA		20" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	974.09	70.22
			<i>For 316 Stainless Steel, Add</i>	159.70	
23 51 16 00-0305	EA		24" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,095.05	81.09
			<i>For 316 Stainless Steel, Add</i>	178.49	
23 51 16 00-0306	EA		28" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,264.58	87.78
			<i>For 316 Stainless Steel, Add</i>	209.02	
23 51 16 00-0307	EA		32" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,507.60	95.79
			<i>For 316 Stainless Steel, Add</i>	253.64	
23 51 16 00-0308	EA		36" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,748.87	117.09
			<i>For 316 Stainless Steel, Add</i>	291.22	
23 51 16 00-0309	EA		42" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,607.26	131.67
			<i>For 316 Stainless Steel, Add</i>	455.62	
23 51 16 00-0310	EA		48" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,192.52	149.68
			<i>For 316 Stainless Steel, Add</i>	563.65	

23 51 16 00-0311 Round Stainless Steel Double Wall Flue/Vent Pipe And Fittings (23 51 16)

Note: With 1" insulation.

23 51 16 00-0312 Round Stainless Steel Double Wall Flue/Vent Pipe (23 51 16 00-0311)

Note: With 1" insulation.

23 51 16 00-0313	LF		6" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	95.07	11.75
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	6.58	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	13.15	
23 51 16 00-0314	LF		7" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	115.92	12.51
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	8.46	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	16.91	
23 51 16 00-0315	LF		8" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	132.45	13.50
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	9.86	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	19.73	
23 51 16 00-0316	LF		10" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	179.74	14.60
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	14.33	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	28.65	
23 51 16 00-0317	LF		12" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	232.52	16.02
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	19.26	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	38.52	
23 51 16 00-0318	LF		14" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	295.55	16.79
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	25.36	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	50.73	

23 51 16 00-0319 90 Degree Elbows (23 51 16 00-0311)

23 51 16 00-0320	EA		6" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	205.31	23.37
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	14.68	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	29.36	
23 51 16 00-0321	EA		7" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	227.05	25.02
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	16.44	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	32.88	
23 51 16 00-0322	EA		8" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	255.39	27.00
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	18.79	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	37.58	
23 51 16 00-0323	EA		10" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	317.45	29.29
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	24.43	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	48.85	
23 51 16 00-0324	EA		12" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	378.06	31.93
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	29.83	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	59.65	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 51 Breechings, Chimneys, and Stacks**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 51 16 00-0325	EA	14" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	440.55	33.47
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	35.70	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	71.40	
23 51 16 00-0326		45 Degree Elbows <small>(23 51 16 00-0311)</small>		
23 51 16 00-0327	EA	6" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	168.63	23.37
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	11.01	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	22.02	
23 51 16 00-0328	EA	7" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	185.95	25.02
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	12.33	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	24.66	
23 51 16 00-0329	EA	8" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	208.43	27.00
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	14.09	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	28.18	
23 51 16 00-0330	EA	10" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	256.39	29.29
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	18.32	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	36.64	
23 51 16 00-0331	EA	12" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	303.47	31.93
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	22.37	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	44.74	
23 51 16 00-0332	EA	14" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	351.35	33.47
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	26.77	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	53.55	
23 51 16 00-0333		Tees With Tee Caps <small>(23 51 16 00-0311)</small>		
23 51 16 00-0334	EA	6" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	335.61	23.37
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	27.71	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	55.43	
23 51 16 00-0335	EA	7" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	424.34	25.02
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	36.17	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	72.34	
23 51 16 00-0336	EA	8" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	476.13	27.00
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	40.87	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	81.73	
23 51 16 00-0337	EA	10" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	648.52	29.29
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	57.54	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	115.08	
23 51 16 00-0338	EA	12" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	890.00	31.93
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	81.03	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	162.05	
23 51 16 00-0339	EA	14" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	1,140.39	33.47
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	105.69	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	211.37	
23 51 16 00-0340		Joist Shields <small>(23 51 16 00-0311)</small>		
23 51 16 00-0341	EA	6" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	143.04	23.37
23 51 16 00-0342	EA	7" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	154.25	25.02
23 51 16 00-0343	EA	8" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	180.21	27.00
23 51 16 00-0344	EA	10" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	224.72	29.29
23 51 16 00-0345	EA	12" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	268.84	31.93
23 51 16 00-0346	EA	14" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	318.43	33.47
23 51 16 00-0347		Adjustable Roof Flashing <small>(23 51 16 00-0311)</small>		
23 51 16 00-0348	EA	6" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	170.05	23.37
23 51 16 00-0349	EA	7" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	189.47	25.02
23 51 16 00-0350	EA	8" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	206.03	27.00
23 51 16 00-0351	EA	10" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	250.53	29.29
23 51 16 00-0352	EA	12" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	308.83	31.93
23 51 16 00-0353	EA	14" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	370.05	33.35
23 51 16 00-0354		Vent Top Caps <small>(23 51 16 00-0311)</small>		
23 51 16 00-0355	EA	6" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	152.43	23.37
23 51 16 00-0356	EA	7" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	190.65	25.02
23 51 16 00-0357	EA	8" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	238.92	27.00
23 51 16 00-0358	EA	10" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	380.91	29.29
23 51 16 00-0359	EA	12" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	519.01	31.93
23 51 16 00-0360	EA	14" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	661.33	33.47
23 51 16 00-0361		Roof Support Assemblies <small>(23 51 16 00-0311)</small>		
23 51 16 00-0362	EA	6" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	226.32	23.37
23 51 16 00-0363	EA	7" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	251.71	25.02
23 51 16 00-0364	EA	8" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	272.96	27.00
23 51 16 00-0365	EA	10" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	343.23	29.29
23 51 16 00-0366	EA	12" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	406.23	31.93
23 51 16 00-0367	EA	14" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	496.94	33.47
23 51 16 00-0368		Polyvinyl Chloride (PVC) Flue/Vent Accessories <small>(23 51 16)</small>		
23 51 16 00-0369		Concentric Polyvinyl Chloride (PVC) Vent Termination <small>(23 51 16 00-0368)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0370 EA 2" Concentric Polyvinyl Chloride (PVC) Vent Termination.....	231.64	44.68
23 51 16 00-0371 EA 3" Concentric Polyvinyl Chloride (PVC) Vent Termination.....	251.98	44.68
23 51 16 00-0372 Polypropylene (PP) Flue/Vent Pipe And Fittings (23 51 16)		
Note: Centrotherm InnoFlue® Vent System		
23 51 16 00-0373 Polypropylene Flue/Vent Rigid Pipe Sections (23 51 16 00-0372)		
Note: Gasketed rigid single wall polypropylene vent lengths with dedicated male and female ends.		
23 51 16 00-0374 EA 2" x 12" Polypropylene Flue/Vent Rigid Pipe Section.....	41.99	13.57
23 51 16 00-0375 EA 2" x 24" Polypropylene Flue/Vent Rigid Pipe Section.....	48.03	14.28
23 51 16 00-0376 EA 2" x 36" Polypropylene Flue/Vent Rigid Pipe Section.....	55.16	15.88
23 51 16 00-0377 EA 2" x 72" Polypropylene Flue/Vent Rigid Pipe Section.....	68.76	18.68
23 51 16 00-0378 EA 3" x 12" Polypropylene Flue/Vent Rigid Pipe Section.....	50.66	15.56
23 51 16 00-0379 EA 3" x 24" Polypropylene Flue/Vent Rigid Pipe Section.....	61.75	16.38
23 51 16 00-0380 EA 3" x 36" Polypropylene Flue/Vent Rigid Pipe Section.....	76.25	18.20
23 51 16 00-0381 EA 3" x 72" Polypropylene Flue/Vent Rigid Pipe Section.....	94.58	21.41
23 51 16 00-0382 EA 4" x 12" Polypropylene Flue/Vent Rigid Pipe Section.....	85.04	20.59
23 51 16 00-0383 EA 4" x 24" Polypropylene Flue/Vent Rigid Pipe Section.....	101.09	21.66
23 51 16 00-0384 EA 4" x 36" Polypropylene Flue/Vent Rigid Pipe Section.....	126.44	24.08
23 51 16 00-0385 EA 4" x 72" Polypropylene Flue/Vent Rigid Pipe Section.....	164.54	28.32
23 51 16 00-0386 EA 5" x 12" Polypropylene Flue/Vent Rigid Pipe Section.....	126.17	30.38
23 51 16 00-0387 EA 5" x 24" Polypropylene Flue/Vent Rigid Pipe Section.....	144.98	31.97
23 51 16 00-0388 EA 5" x 36" Polypropylene Flue/Vent Rigid Pipe Section.....	190.03	35.53
23 51 16 00-0389 EA 5" x 72" Polypropylene Flue/Vent Rigid Pipe Section.....	248.12	41.81
23 51 16 00-0390 Polypropylene Flue/Vent Elbows (23 51 16 00-0372)		
Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0391 EA 2" Polypropylene Flue/Vent 15 Degree Elbow.....	51.98	16.49
23 51 16 00-0392 EA 3" Polypropylene Flue/Vent 15 Degree Elbow.....	61.28	17.36
23 51 16 00-0393 EA 4" Polypropylene Flue/Vent 15 Degree Elbow.....	77.44	17.99
23 51 16 00-0394 EA 5" Polypropylene Flue/Vent 15 Degree Elbow.....	90.46	18.73
23 51 16 00-0395 EA 2" Polypropylene Flue/Vent 30 Degree Elbow.....	51.98	16.49
23 51 16 00-0396 EA 3" Polypropylene Flue/Vent 30 Degree Elbow.....	61.28	17.36
23 51 16 00-0397 EA 4" Polypropylene Flue/Vent 30 Degree Elbow.....	77.44	17.99
23 51 16 00-0398 EA 5" Polypropylene Flue/Vent 30 Degree Elbow.....	90.46	18.73
23 51 16 00-0399 EA 2" Polypropylene Flue/Vent 45 Degree Elbow.....	51.98	16.49
23 51 16 00-0400 EA 3" Polypropylene Flue/Vent 45 Degree Elbow.....	61.28	17.36
23 51 16 00-0401 EA 4" Polypropylene Flue/Vent 45 Degree Elbow.....	77.44	17.99
23 51 16 00-0402 EA 5" Polypropylene Flue/Vent 45 Degree Elbow.....	90.46	18.73
23 51 16 00-0403 EA 2" Polypropylene Flue/Vent 87 Degree Elbow.....	51.98	16.49
23 51 16 00-0404 EA 3" Polypropylene Flue/Vent 87 Degree Elbow.....	61.28	17.36
23 51 16 00-0405 EA 4" Polypropylene Flue/Vent 87 Degree Elbow.....	76.43	17.99
23 51 16 00-0406 EA 5" Polypropylene Flue/Vent 87 Degree Elbow.....	92.96	18.73
23 51 16 00-0407 Polypropylene Flue/Vent Tees (23 51 16 00-0372)		
Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0408 EA 2" Polypropylene Flue/Vent Tee.....	168.12	24.74
23 51 16 00-0409 EA 3" Polypropylene Flue/Vent Tee.....	212.47	26.05
23 51 16 00-0410 EA 4" Polypropylene Flue/Vent Tee.....	250.20	27.00
23 51 16 00-0411 EA 5" Polypropylene Flue/Vent Tee.....	274.10	28.10
23 51 16 00-0412 Polypropylene Flue/Vent Adaptors (23 51 16 00-0372)		
Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0413 EA 2" Polypropylene Flue/Vent Adaptor With Gasket.....	61.82	16.49
23 51 16 00-0414 EA 3" Polypropylene Flue/Vent Adaptor With Gasket.....	89.94	17.36
23 51 16 00-0415 EA 4" Polypropylene Flue/Vent Adaptor With Gasket.....	105.19	17.99
23 51 16 00-0416 EA 5" Polypropylene Flue/Vent Adaptor With Gasket.....	144.71	18.73
23 51 16 00-0417 Polypropylene Flue/Vent Increases (23 51 16 00-0372)		
Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0418 EA 2" to 3" Polypropylene Flue/Vent Centric Increaser.....	68.79	16.93
23 51 16 00-0419 EA 3" to 4" Polypropylene Flue/Vent Centric Increaser.....	75.53	17.68
23 51 16 00-0420 EA 4" to 5" Polypropylene Flue/Vent Centric Increaser.....	138.76	18.35
23 51 16 00-0421 EA 2" to 3" Polypropylene Flue/Vent Eccentric Increaser.....	94.05	16.93
23 51 16 00-0422 EA 3" to 4" Polypropylene Flue/Vent Eccentric Increaser.....	73.47	17.68
23 51 16 00-0423 EA 4" to 5" Polypropylene Flue/Vent Eccentric Increaser.....	192.70	18.35
23 51 16 00-0424 Polypropylene Flue/Vent Reducers (23 51 16 00-0372)		
Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0425 EA 3" to 2" Polypropylene Flue/Vent Reducer.....	68.79	16.93
23 51 16 00-0426 EA 4" to 3" Polypropylene Flue/Vent Reducer.....	75.53	17.68
23 51 16 00-0427 EA 5" to 4" Polypropylene Flue/Vent Reducer.....	172.39	18.35
23 51 16 00-0428 Polypropylene Flue/Vent Test Ports (23 51 16 00-0372)		
Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0429 EA 2" Polypropylene Flue/Vent Test Port.....	86.55	24.74
23 51 16 00-0430 EA 3" Polypropylene Flue/Vent Test Port.....	97.46	26.05
23 51 16 00-0431 EA 4" Polypropylene Flue/Vent Test Port.....	151.95	27.00
23 51 16 00-0432 EA 5" Polypropylene Flue/Vent Test Port.....	162.39	28.10

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 51 Breechings, Chimneys, and Stacks**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0433			Polypropylene Flue/Vent Cascade Components (23 51 16 00-0372) Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0434	EA		4" x 15" Polypropylene Flue/Vent Branch Tee With 4" Feeder	254.73	27.00
23 51 16 00-0435	EA		4" x 42" Polypropylene Flue/Vent Branch Tee With 4" Feeder	333.95	33.75
23 51 16 00-0436	EA		5" x 12" Polypropylene Flue/Vent Branch Tee With 4" Feeder	208.25	28.10
23 51 16 00-0437	EA		5" x 42" Polypropylene Flue/Vent Branch Tee With 4" Feeder	309.89	35.12
23 51 16 00-0438	EA		3" to 4" Polypropylene Flue/Vent Non-Return Valve	328.76	17.68
23 51 16 00-0439	EA		4" to 4" Polypropylene Flue/Vent Non-Return Valve	381.07	18.35
23 51 16 00-0440			Polypropylene Flue/Vent Condensate Management (23 51 16 00-0372) Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0441	EA		2" Polypropylene Flue/Vent Horizontal Drain Tee	120.65	24.74
23 51 16 00-0442	EA		3" Polypropylene Flue/Vent Horizontal Drain Tee	146.64	26.05
23 51 16 00-0443	EA		4" Polypropylene Flue/Vent Horizontal Drain Tee	168.57	27.00
23 51 16 00-0444	EA		5" Polypropylene Flue/Vent Horizontal Drain Tee	192.91	28.10
23 51 16 00-0445	EA		4" Polypropylene Flue/Vent Horizontal Drain Fittings	214.70	27.00
23 51 16 00-0446	EA		5" Polypropylene Flue/Vent Horizontal Drain Fittings	237.06	28.10
23 51 16 00-0447	EA		2" Polypropylene Flue/Vent Tee Cap	70.82	8.25
23 51 16 00-0448	EA		3" Polypropylene Flue/Vent Tee Cap	91.32	8.68
23 51 16 00-0449	EA		4" Polypropylene Flue/Vent Tee Cap	108.81	9.00
23 51 16 00-0450	EA		5" Polypropylene Flue/Vent Tee Cap	142.62	9.36
23 51 16 00-0451	EA		2" Polypropylene Flue/Vent Tee Cap With Drain	135.41	24.74
23 51 16 00-0452	EA		3" Polypropylene Flue/Vent Tee Cap With Drain	167.11	26.05
23 51 16 00-0453	EA		4" Polypropylene Flue/Vent Tee Cap With Drain	193.95	27.00
23 51 16 00-0454	EA		5" Polypropylene Flue/Vent Tee Cap With Drain	234.63	28.10
23 51 16 00-0455			Polypropylene Flue/Vent Terminations (23 51 16 00-0372)		
23 51 16 00-0456	EA		2" Polypropylene-UV Black Flue/Vent Chimney Cover	179.35	16.49
23 51 16 00-0457	EA		3" Polypropylene-UV Black Flue/Vent Chimney Cover	157.61	17.36
23 51 16 00-0458	EA		4" Polypropylene-UV Black Flue/Vent Chimney Cover	198.03	17.99
23 51 16 00-0459	EA		3" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe	408.64	17.36
23 51 16 00-0460	EA		4" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe	436.45	17.99
23 51 16 00-0461	EA		5" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe	509.98	18.73
23 51 16 00-0462	EA		2 1/4" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	104.48	16.49
23 51 16 00-0463	EA		2 1/2" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	110.80	16.49
23 51 16 00-0464	EA		2 3/4" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	117.12	16.49
23 51 16 00-0465	EA		2 7/8" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	123.45	16.49
23 51 16 00-0466	EA		3 1/4" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	112.97	17.36
23 51 16 00-0467	EA		3 1/2" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	119.29	17.36
23 51 16 00-0468	EA		3 3/4" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	125.62	17.36
23 51 16 00-0469	EA		3 7/8" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	131.94	17.36
23 51 16 00-0470	EA		4 1/8" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	127.20	17.99
23 51 16 00-0471	EA		4 1/4" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	133.52	17.99
23 51 16 00-0472	EA		4 1/2" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	139.84	17.99
23 51 16 00-0473	EA		2" Polypropylene-UV Black Flue/Vent Low Profile Wall Termination	110.74	16.49
23 51 16 00-0474	EA		3" Polypropylene-UV Black Flue/Vent Low Profile Wall Termination	142.69	17.36
23 51 16 00-0475	EA		2" Polypropylene-UV Black Flue/Vent Termination Tee	127.50	24.74
23 51 16 00-0476	EA		3" Polypropylene-UV Black Flue/Vent Termination Tee	169.33	26.05
23 51 16 00-0477	EA		4" Polypropylene-UV Black Flue/Vent Termination Tee	201.02	27.00
23 51 16 00-0478	EA		5" Polypropylene-UV Black Flue/Vent Termination Tee	221.83	28.10
23 51 16 00-0479	EA		2" x 20" Polypropylene-UV Black Flue/Vent End Pipe	44.18	14.28
23 51 16 00-0480	EA		2" x 39" Polypropylene-UV Black Flue/Vent End Pipe	53.13	15.88
23 51 16 00-0481	EA		3" x 20" Polypropylene-UV Black Flue/Vent End Pipe	53.33	16.38
23 51 16 00-0482	EA		3" x 39" Polypropylene-UV Black Flue/Vent End Pipe	67.14	18.20
23 51 16 00-0483	EA		4" x 20" Polypropylene-UV Black Flue/Vent End Pipe	81.20	21.66
23 51 16 00-0484	EA		5" x 20" Polypropylene-UV Black Flue/Vent End Pipe	111.60	31.97
23 51 16 00-0485	EA		5" x 39" Polypropylene-UV Black Flue/Vent End Pipe	135.98	35.53
23 51 16 00-0486	EA		2" x 24" Polypropylene-UV Black Flue/Vent Vent Length	49.25	14.28
23 51 16 00-0487	EA		3" x 24" Polypropylene-UV Black Flue/Vent Vent Length	63.84	16.38
23 51 16 00-0488	EA		4" x 24" Polypropylene-UV Black Flue/Vent Vent Length	105.78	21.66
23 51 16 00-0489	EA		2" Polypropylene-UV Black Flue/Vent 45 Degree Elbow	53.99	16.49
23 51 16 00-0490	EA		3" Polypropylene-UV Black Flue/Vent 45 Degree Elbow	63.81	17.36
23 51 16 00-0491	EA		4" Polypropylene-UV Black Flue/Vent 45 Degree Elbow	80.68	17.99
23 51 16 00-0492	EA		2" Polypropylene-UV Black Flue/Vent 87 Degree Elbow	53.04	16.49
23 51 16 00-0493	EA		3" Polypropylene-UV Black Flue/Vent 87 Degree Elbow	63.18	17.36
23 51 16 00-0494	EA		4" Polypropylene-UV Black Flue/Vent 87 Degree Elbow	79.57	17.99
23 51 16 00-0495	EA		2" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent	35.20	8.25
23 51 16 00-0496	EA		3" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent	41.25	8.68
23 51 16 00-0497	EA		4" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent	46.39	9.00
23 51 16 00-0498	EA		3" Stainless Steel Bird Screen For Polypropylene Flue/Vent	93.06	8.68
23 51 16 00-0499	EA		5" Stainless Steel Bird Screen For Polypropylene Flue/Vent	107.09	9.36
23 51 16 00-0500			Polypropylene Flue/Vent Accessories (23 51 16 00-0372)		
23 51 16 00-0501	EA		2" Spacer For Polypropylene Flue/Vent	17.96	4.13
23 51 16 00-0502	EA		3" Spacer For Polypropylene Flue/Vent	17.00	4.34
23 51 16 00-0503	EA		4" Spacer For Polypropylene Flue/Vent	17.51	4.50
23 51 16 00-0504	EA		5" Spacer For Polypropylene Flue/Vent	28.25	4.68
23 51 16 00-0505	EA		2" Flue Clamp For Polypropylene Flue/Vent	34.32	6.19
23 51 16 00-0506	EA		3" Flue Clamp For Polypropylene Flue/Vent	40.51	6.51
23 51 16 00-0507	EA		4" Flue Clamp For Polypropylene Flue/Vent	47.21	6.75

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 51 16 00-0508	EA		2" Support Clamp For Polypropylene Flue/Vent	32.56	6.19
23 51 16 00-0509	EA		4" Support Clamp For Polypropylene Flue/Vent	32.32	6.75
23 51 16 00-0510	EA		5" Support Clamp For Polypropylene Flue/Vent	39.72	7.02
23 51 16 00-0511	EA		3" Plastic Support Clamp For Polypropylene Flue/Vent.....	24.37	6.51
23 51 16 00-0512	EA		2" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	47.61	16.49
23 51 16 00-0513	EA		3" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	52.71	17.36
23 51 16 00-0514	EA		4" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	56.94	17.99
23 51 16 00-0515	EA		5" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	63.96	18.73
23 51 16 00-0516	EA		2" Single Wall EDPM Gasket For Polypropylene Flue/Vent.....	4.06	
23 51 16 00-0517	EA		3" Single Wall EDPM Gasket For Polypropylene Flue/Vent.....	4.54	
23 51 16 00-0518	EA		4" Single Wall EDPM Gasket For Polypropylene Flue/Vent.....	6.15	
23 51 16 00-0519	EA		5" Single Wall EDPM Gasket For Polypropylene Flue/Vent.....	10.16	
23 51 16 00-0520	EA		2" Connector Ring For Polypropylene Flue/Vent	14.67	4.13
23 51 16 00-0521	EA		3" Connector Ring For Polypropylene Flue/Vent	16.69	4.34
23 51 16 00-0522	EA		4" Connector Ring For Polypropylene Flue/Vent	18.03	4.50
23 51 16 00-0523	EA		5" Connector Ring For Polypropylene Flue/Vent	20.01	4.68
23 51 16 00-0524	EA		2 1/4" Polypropylene Flue/Vent Air Intake, White.....	77.15	8.25
23 51 16 00-0525	EA		3 1/5" Polypropylene Flue/Vent Air Intake, White.....	79.04	8.68
23 51 16 00-0526	EA		4 1/6" Polypropylene Flue/Vent Air Intake, White.....	58.00	9.00
23 51 16 00-0527	EA		2" Base Support For Polypropylene Flue/Vent	67.35	6.19
23 51 16 00-0528	EA		3" Base Support For Polypropylene Flue/Vent	69.42	6.51
23 51 16 00-0529	EA		4" Base Support For Polypropylene Flue/Vent	93.76	6.75
23 51 16 00-0530	EA		5" Base Support For Polypropylene Flue/Vent	160.16	7.02

23 51 16 00-0531 Polypropylene Flue/Vent Flex Pipe (23 51 16 00-0372)

23 51 16 00-0532	LF		2", Up To 50', Polypropylene Flue/Vent Flex Pipe	12.06	1.45
23 51 16 00-0533	LF		2", > 50', Polypropylene Flue/Vent Flex Pipe	10.37	1.45
23 51 16 00-0534	LF		3", Up To 50', Polypropylene Flue/Vent Flex Pipe	14.84	1.71
23 51 16 00-0535	LF		3", > 50', Polypropylene Flue/Vent Flex Pipe	12.73	1.71
23 51 16 00-0536	LF		4", Up To 50', Polypropylene Flue/Vent Flex Pipe	21.51	2.11
23 51 16 00-0537	LF		4", > 50', Polypropylene Flue/Vent Flex Pipe	18.26	2.11

23 51 16 00-0538 Polypropylene Flue/Vent Couplers (23 51 16 00-0372)

Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.

23 51 16 00-0539	EA		2" Polypropylene Flue/Vent Coupler, Single Wall to Flex	83.14	16.49
23 51 16 00-0540	EA		2" Polypropylene Flue/Vent Coupler, Flex to Single Wall	93.70	16.49
23 51 16 00-0541	EA		3" Polypropylene Flue/Vent Coupler, Flex to Single Wall	195.49	17.36
23 51 16 00-0542	EA		4" Polypropylene Flue/Vent Coupler, Flex to Single Wall	361.17	17.99
23 51 16 00-0543	EA		2" Polypropylene Flue/Vent Coupler, Flex to Flex	96.81	16.49
23 51 16 00-0544	EA		3" Polypropylene Flue/Vent Coupler, Flex to Flex	234.06	17.36
23 51 16 00-0545	EA		4" Polypropylene Flue/Vent Coupler, Flex to Flex	614.11	17.99

23 51 16 00-0546 Polypropylene Flue/Vent Flex End Terminations (23 51 16 00-0372)

23 51 16 00-0547	EA		2" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination	110.82	16.49
23 51 16 00-0548	EA		3" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination	101.76	17.36
23 51 16 00-0549	EA		4" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination	126.85	17.99

23 51 16 00-0550 Aluminum Flue/Vent Fittings (23 51 16)

23 51 16 00-0551 Aluminum Vent Top Caps (23 51 16 00-0550)

23 51 16 00-0552	EA		3" Aluminum Vent Cap (Star-Kap® 3-SK)	105.71	16.35
23 51 16 00-0553	EA		4" Aluminum Vent Cap (Star-Kap® 4-SK)	112.51	16.02
23 51 16 00-0554	EA		5" Aluminum Vent Cap (Star-Kap® 5-SK)	122.20	16.79
23 51 16 00-0555	EA		6" Aluminum Vent Cap (Star-Kap® 6-SK)	172.43	17.56
23 51 16 00-0556	EA		8" Aluminum Vent Cap (Star-Kap® 8-SK)	192.90	19.53
23 51 16 00-0557	EA		10" Aluminum Vent Cap (Star-Kap® 10-SK)	562.52	20.63
23 51 16 00-0558	EA		12" Aluminum Vent Cap (Star-Kap® 12-SK)	576.23	21.95

23 52 Heating Boilers (23 50)

23 52 13 Electric Boilers (23 52)

23 52 13 00-0001 Packaged Electric Steam Boiler (23 52 13)

Note: Includes burners, standard controls and safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.) Rated by KW and MBH gross rated output.

23 52 13 00-0002	EA		12 KW, 42 MBH Electric Steam Boiler With Packaged Standard Controls	7,991.11	641.66
23 52 13 00-0003	EA		24 KW, 84 MBH Electric Steam Boiler With Packaged Standard Controls	8,628.88	748.61
23 52 13 00-0004	EA		36 KW, 126 MBH Electric Steam Boiler With Packaged Standard Controls	9,249.57	802.08
23 52 13 00-0005	EA		48 KW, 168 MBH Electric Steam Boiler With Packaged Standard Controls	10,287.46	855.55
23 52 13 00-0006	EA		60 KW, 210 MBH Electric Steam Boiler With Packaged Standard Controls	11,300.66	909.03
23 52 13 00-0007	EA		80 KW, 280 MBH Electric Steam Boiler With Packaged Standard Controls	13,181.84	1,015.97
23 52 13 00-0008	EA		100 KW, 350 MBH Electric Steam Boiler With Packaged Standard Controls	15,063.12	1,122.92
23 52 13 00-0009	EA		120 KW, 420 MBH Electric Steam Boiler With Packaged Standard Controls	15,685.28	1,176.39
23 52 13 00-0010	EA		140 KW, 490 MBH Electric Steam Boiler With Packaged Standard Controls	16,539.85	1,229.86
23 52 13 00-0011	EA		160 KW, 560 MBH Electric Steam Boiler With Packaged Standard Controls	21,568.42	1,336.80
23 52 13 00-0012	EA		180 KW, 630 MBH Electric Steam Boiler With Packaged Standard Controls	22,473.40	1,390.27
23 52 13 00-0013	EA		200 KW, 700 MBH Electric Steam Boiler With Packaged Standard Controls	23,586.34	1,510.59
23 52 13 00-0014	EA		220 KW, 770 MBH Electric Steam Boiler With Packaged Standard Controls	24,567.44	1,622.50
23 52 13 00-0015	EA		240 KW, 840 MBH Electric Steam Boiler With Packaged Standard Controls	26,498.96	1,734.39

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 50 Central Heating Equipment

23 52 Heating Boilers

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 52 13 00-0016	EA	260 KW, 910 MBH Electric Steam Boiler With Packaged Standard Controls	28,537.11	1,902.23
23 52 13 00-0017	EA	280 KW, 980 MBH Electric Steam Boiler With Packaged Standard Controls	30,352.00	1,958.18
23 52 13 00-0018	EA	300 KW, 1,050 MBH Electric Steam Boiler With Packaged Standard Controls	31,817.67	2,014.13
23 52 13 00-0019	EA	320 KW, 1,120 MBH Electric Steam Boiler With Packaged Standard Controls	33,848.51	2,070.08
23 52 13 00-0020	EA	360 KW, 1,260 MBH Electric Steam Boiler With Packaged Standard Controls	35,879.90	2,126.02
23 52 13 00-0021	EA	400 KW, 1,400 MBH Electric Steam Boiler With Packaged Standard Controls	38,390.13	2,237.92
23 52 13 00-0022	EA	460 KW, 1,610 MBH Electric Steam Boiler With Packaged Standard Controls	40,978.67	2,349.82
23 52 13 00-0023	EA	500 KW, 1,750 MBH Electric Steam Boiler With Packaged Standard Controls	43,511.27	2,405.77
23 52 13 00-0024	EA	600 KW, 2,100 MBH Electric Steam Boiler With Packaged Standard Controls	48,179.75	2,461.71
23 52 13 00-0025	EA	700 KW, 2,450 MBH Electric Steam Boiler With Packaged Standard Controls	51,889.13	2,573.61
23 52 13 00-0026	EA	756 KW, 2,646 MBH Electric Steam Boiler With Packaged Standard Controls	53,144.25	2,685.51
23 52 13 00-0027	EA	828 KW, 2,898 MBH Electric Steam Boiler With Packaged Standard Controls	58,389.51	2,853.35
23 52 13 00-0028	EA	936 KW, 3,276 MBH Electric Steam Boiler With Packaged Standard Controls	60,302.27	3,021.20
23 52 13 00-0029	EA	1,008 KW, 3,528 MBH Electric Steam Boiler With Packaged Standard Controls	62,326.92	3,189.04
23 52 13 00-0030	EA	1,116 KW, 3,906 MBH Electric Steam Boiler With Packaged Standard Controls	66,162.95	3,356.89
23 52 13 00-0031	EA	1,224 KW, 4,284 MBH Electric Steam Boiler With Packaged Standard Controls	67,870.90	3,468.78
23 52 13 00-0032	EA	1,368 KW, 4,788 MBH Electric Steam Boiler With Packaged Standard Controls	70,110.89	3,692.57
23 52 13 00-0033	EA	1,440 KW, 5,040 MBH Electric Steam Boiler With Packaged Standard Controls	72,509.21	3,916.36
23 52 13 00-0034	EA	1,512 KW, 5,292 MBH Electric Steam Boiler With Packaged Standard Controls	79,163.69	4,140.16
23 52 13 00-0035	EA	1,620 KW, 5,670 MBH Electric Steam Boiler With Packaged Standard Controls	83,447.31	4,363.94

23 52 13 00-0036 Packaged Electric Hot Water Boiler (23 52 13)

Note: Flush jacketed steel shell. Includes burners, and safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.). Rated by KW and MBH gross rated output.

23 52 13 00-0037	EA	9 KW, 31 MBH, Electric Hot Boiler With Packaged Standard Controls	7,022.31	588.19
23 52 13 00-0038	EA	12 KW, 41 MBH, Electric Hot Boiler With Packaged Standard Controls	7,389.43	641.66
23 52 13 00-0039	EA	18 KW, 61 MBH, Electric Hot Boiler With Packaged Standard Controls	7,756.55	695.14
23 52 13 00-0040	EA	24 KW, 82 MBH, Electric Hot Boiler With Packaged Standard Controls	8,116.96	748.61
23 52 13 00-0041	EA	36 KW, 123 MBH, Electric Hot Boiler With Packaged Standard Controls	8,535.96	802.08
23 52 13 00-0042	EA	48 KW, 164 MBH, Electric Hot Boiler With Packaged Standard Controls	8,838.83	855.55
23 52 13 00-0043	EA	60 KW, 205 MBH Electric Hot Boiler With Packaged Standard Controls	9,205.95	909.03
23 52 13 00-0044	EA	72 KW, 246 MBH Electric Hot Boiler With Packaged Standard Controls	9,756.63	962.50
23 52 13 00-0045	EA	84 KW, 287 MBH Electric Hot Boiler With Packaged Standard Controls	10,253.92	1,015.97
23 52 13 00-0046	EA	90 KW, 307 MBH Electric Hot Boiler With Packaged Standard Controls	10,547.62	1,069.45
23 52 13 00-0047	EA	105 KW, 358 MBH Electric Hot Boiler With Packaged Standard Controls	11,331.65	1,122.92
23 52 13 00-0048	EA	120 KW, 409 MBH Electric Hot Boiler With Packaged Standard Controls	12,075.78	1,176.39
23 52 13 00-0049	EA	135 KW, 461 MBH Electric Hot Boiler With Packaged Standard Controls	13,426.24	1,229.86
23 52 13 00-0050	EA	150 KW, 512 MBH Electric Hot Boiler With Packaged Standard Controls	14,319.85	1,283.34
23 52 13 00-0051	EA	165 KW, 563 MBH Electric Hot Boiler With Packaged Standard Controls	15,061.92	1,336.80
23 52 13 00-0052	EA	180 KW, 614 MBH Electric Hot Boiler With Packaged Standard Controls	16,326.90	1,390.27
23 52 13 00-0053	EA	195 KW, 665 MBH Electric Hot Boiler With Packaged Standard Controls	17,804.06	1,510.59
23 52 13 00-0054	EA	225 KW, 768 MBH Electric Hot Boiler With Packaged Standard Controls	19,127.45	1,622.50
23 52 13 00-0055	EA	240 KW, 819 MBH Electric Hot Boiler With Packaged Standard Controls	20,571.91	1,734.39
23 52 13 00-0056	EA	270 KW, 921 MBH Electric Hot Boiler With Packaged Standard Controls	22,007.21	1,902.23
23 52 13 00-0057	EA	300 KW, 1,024 MBH Electric Hot Boiler With Packaged Standard Controls	23,451.67	2,014.13
23 52 13 00-0058	EA	330 KW, 1,126 MBH Electric Hot Boiler With Packaged Standard Controls	24,806.99	2,126.02
23 52 13 00-0059	EA	360 KW, 1,228 MBH Electric Hot Boiler With Packaged Standard Controls	26,721.80	2,181.97
23 52 13 00-0060	EA	390 KW, 1,331 MBH Electric Hot Boiler With Packaged Standard Controls	28,470.90	2,237.92
23 52 13 00-0061	EA	420 KW, 1,433 MBH Electric Hot Boiler With Packaged Standard Controls	30,146.58	2,349.82
23 52 13 00-0062	EA	450 KW, 1,535 MBH Electric Hot Boiler With Packaged Standard Controls	31,902.74	2,349.82
23 52 13 00-0063	EA	504 KW, 1,720 MBH Electric Hot Boiler With Packaged Standard Controls	34,937.63	2,405.77
23 52 13 00-0064	EA	612 KW, 2,088 MBH Electric Hot Boiler With Packaged Standard Controls	36,549.54	2,461.71
23 52 13 00-0065	EA	684 KW, 2,334 MBH Electric Hot Boiler With Packaged Standard Controls	38,596.63	2,573.61
23 52 13 00-0066	EA	720 KW, 2,457 MBH Electric Hot Boiler With Packaged Standard Controls	40,131.11	2,629.56
23 52 13 00-0067	EA	750 KW, 2,559 MBH Electric Hot Boiler With Packaged Standard Controls	41,671.30	2,685.51
23 52 13 00-0068	EA	810 KW, 2,764 MBH Electric Hot Boiler With Packaged Standard Controls	42,830.80	2,853.35
23 52 13 00-0069	EA	900 KW, 3,071 MBH Electric Hot Boiler With Packaged Standard Controls	44,920.96	3,021.20
23 52 13 00-0070	EA	1,020 KW, 3,480 MBH Electric Hot Boiler With Packaged Standard Controls	52,230.98	3,189.04
23 52 13 00-0071	EA	1,110 KW, 3,787 MBH Electric Hot Boiler With Packaged Standard Controls	57,291.23	3,356.89
23 52 13 00-0072	EA	1,200 KW, 4,094 MBH Electric Hot Boiler With Packaged Standard Controls	59,497.32	3,468.78
23 52 13 00-0073	EA	1,350 KW, 4,606 MBH Electric Hot Boiler With Packaged Standard Controls	61,959.67	3,692.57
23 52 13 00-0074	EA	1,440 KW, 4,913 MBH Electric Hot Boiler With Packaged Standard Controls	64,422.00	3,916.36
23 52 13 00-0075	EA	1,560 KW, 5,323 MBH Electric Hot Boiler With Packaged Standard Controls	71,365.85	4,140.16
23 52 13 00-0076	EA	1,680 KW, 5,732 MBH Electric Hot Boiler With Packaged Standard Controls	75,851.75	4,363.94
23 52 13 00-0077	EA	1,740 KW, 5,937 MBH Electric Hot Boiler With Packaged Standard Controls	77,763.42	4,475.84
23 52 13 00-0078	EA	1,800 KW, 6,142 MBH Electric Hot Boiler With Packaged Standard Controls	79,675.08	4,587.74
23 52 13 00-0079	EA	1,980 KW, 6,756 MBH Electric Hot Boiler With Packaged Standard Controls	80,122.67	4,755.59
23 52 13 00-0080	EA	2,100 KW, 7,165 MBH Electric Hot Boiler With Packaged Standard Controls	86,005.39	4,867.48
23 52 13 00-0081	EA	2,220 KW, 7,575 MBH Electric Hot Boiler With Packaged Standard Controls	89,940.61	5,035.32
23 52 13 00-0082	EA	2,600 KW, 8,871 MBH Electric Hot Boiler With Packaged Standard Controls	96,566.38	5,371.01
23 52 13 00-0083	EA	2,960 KW, 10,100 MBH Electric Hot Boiler With Packaged Standard Controls	104,107.42	5,930.49
23 52 13 00-0084	EA	3,240 KW, 11,055 MBH Electric Hot Boiler With Packaged Standard Controls	112,798.86	6,601.87
23 52 13 00-0085	EA	3,360 KW, 11,464 MBH Electric Hot Boiler With Packaged Standard Controls	119,424.61	7,273.24

23 52 16 Condensing Boilers (23 52)

23 52 16 13 Stainless-Steel Condensing Boilers (23 52 16)

23 52 16 13-0001 Hamilton Evo Series Stainless Steel Condensing Boilers (23 52 16 13)

Note: Includes circulating pump, mounting rack, disconnect panel, plumbing and gas manifold, manual reset high limit and LWCO (Cal Code). Rated by gross rated output.

23 52 16 13-0002	EA	75 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW79)	12,873.73	427.78
23 52 16 13-0003	EA	127 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW129)	13,589.06	569.80

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 13-0004	EA		168 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW179)	14,485.52	641.56
23 52 16 13-0005	EA		187 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW199.1)	15,356.02	677.28
23 52 16 13-0006	EA		281 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW299)	20,289.52	784.22
23 52 16 13-0007	EA		374 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW399)	23,494.80	855.45
23 52 16 13-0008	EA		589 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW599)	31,769.61	998.01
23 52 16 13-0009	EA		785 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW798)	44,210.86	1,140.67
			Note: Includes vent manifold.		
23 52 16 13-0010	EA		980 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW998)	54,094.22	1,247.61
			Note: Includes vent manifold.		
23 52 16 13-0011	EA		1,425 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW1499)	78,164.55	1,461.39
23 52 16 13-0012	EA		1,900 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW1999)	86,145.66	1,568.34
23 52 16 13-0013			Buderus SB615 Stainless Steel Condensing Boilers (23 52 16 13)		
			Note: Includes Riello burners. Rated by gross rated output.		
23 52 16 13-0014	EA		484 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/145)	40,190.30	926.78
23 52 16 13-0015	EA		612 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/185)	42,114.73	998.01
23 52 16 13-0016	EA		791 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/240)	46,988.09	1,140.67
23 52 16 13-0017	EA		1,022 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/310)	50,836.96	1,283.22
23 52 16 13-0018	EA		1,317 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/400)	56,479.48	1,390.17
23 52 16 13-0019	EA		1,459 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/510)	64,617.09	1,461.39
23 52 16 13-0020	EA		2,104 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/640)	77,451.77	1,568.34
23 52 16 13-0021			Buderus SB735 Stainless Steel Condensing Boilers (23 52 16 13)		
			Note: Includes Riello burners. Rated by gross rated output.		
23 52 16 13-0022	EA		2,650 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/790)	80,495.48	1,710.90
23 52 16 13-0023	EA		3,251 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/970)	93,269.73	1,782.23
23 52 16 13-0024	EA		4,079 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/1200)	108,135.45	1,853.56
23 52 16 13-0025			Laars Neotherm Stainless Steel Condensing Boiler (23 52 16 13)		
			Note: Compliant with SCAQMD. Rated by gross rated input.		
23 52 16 13-0026	EA		80 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH080)	7,966.02	463.39
23 52 16 13-0027	EA		105 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH105)	9,093.64	534.72
23 52 16 13-0028	EA		150 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH150)	10,190.66	641.56
23 52 16 13-0029	EA		210 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH210)	11,349.15	712.89
23 52 16 13-0030	EA		285 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH285)	14,273.47	784.22
23 52 16 13-0031	EA		399 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH399)	18,640.96	855.45
23 52 16 13-0032	EA		500 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH500)	22,391.21	926.78
23 52 16 13-0033	EA		600 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH600)	24,855.50	998.01
23 52 16 13-0034	EA		750 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH750)	26,998.29	1,069.34
23 52 16 13-0035	EA		850 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH850)	29,354.99	1,211.89
23 52 16 13-0036	EA		1,000 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH1000)	41,756.37	1,283.22
23 52 16 13-0037	EA		1,700 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH1700)	55,503.23	1,497.11
23 52 16 13-0038	EA		150 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV150)	18,474.17	641.56
23 52 16 13-0039	EA		199 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV199)	21,452.34	855.55
23 52 16 13-0040	EA		285 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV285)	28,102.00	962.50
23 52 16 13-0041	EA		399 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV399)	35,293.83	1,176.39
23 52 16 13-0042	EA		500 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV500)	41,714.01	1,283.34
23 52 16 13-0043	EA		600 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV600)	47,179.38	1,390.27
23 52 16 13-0044	EA		750 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV750)	56,658.50	1,497.22
23 52 16 13-0045	EA		850 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV850)	62,800.18	1,604.16
23 52 16 13-0046	EA		1,000 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV1000)	82,646.53	1,711.11
23 52 16 13-0047	EA		1,700 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV1700)	111,105.81	2,245.83
23 52 16 13-0048			AERCO Benchmark Stainless-Steel Condensing Boilers (23 52 16 13)		
			Note: Rated by gross rated output.		
23 52 16 13-0049	EA		1,500 MBH Water, 120 Volt, 1 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK1.5LN)	63,240.59	1,461.39
			Note: Includes gas PRV and pump delay relay.		
23 52 16 13-0050	EA		2,000 MBH Water, 120 Volt, 1 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK2.0LN)	75,233.46	1,568.34
			Note: Includes gas PRV and pump delay relay.		
23 52 16 13-0051	EA		3,000 MBH Water, 220 Volt, 1 Phase, 230 Volt, 3 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK3000)	108,746.83	1,746.62
			Note: Includes gas PRV and pump delay relay.		
23 52 16 13-0052	EA		3,000 MBH Water, 480 Volt, 3 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK3000)	115,996.09	1,746.62
			Note: Includes gas PRV and pump delay relay.		
23 52 16 13-0053			Lochinvar Knight Stainless Steel Condensing Boilers (23 52 16 13)		
			Note: Rated by gross rated output.		
23 52 16 13-0054	EA		184 MBH 95% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight KBN211)	11,042.84	641.56
23 52 16 13-0055	EA		264 MBH 95% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight KHB285N)	14,277.65	712.89
23 52 16 13-0056			Lochinvar Knight XL Stainless Steel Condensing Boilers (23 52 16 13)		
			Note: Rated by gross rated output.		
23 52 16 13-0057	EA		387 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX0400N)	16,215.62	819.84
23 52 16 13-0058	EA		485 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX0500N)	20,200.31	855.45
23 52 16 13-0059	EA		631 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX0650N)	24,779.29	926.78

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 52 Heating Boilers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 52 16 13-0060	EA	776 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX0800N).....	29,700.70	962.39
23 52 16 13-0061	EA	969 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX1000N).....	36,305.73	1,033.73

23 52 16 13-0062 Lochinvar Crest Stainless Steel Condensing Boilers (23 52 16 13)

Note: Rated by gross rated output.

23 52 16 13-0063	EA	1,203 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN1251).....	46,007.20	1,211.68
23 52 16 13-0064	EA	1,443 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN1501).....	47,497.25	1,390.17
23 52 16 13-0065	EA	1,684 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN1751).....	52,066.26	1,479.04
23 52 16 13-0066	EA	1,923 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN2001).....	56,635.28	1,568.34
23 52 16 13-0067	EA	2,400 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN2501).....	66,433.83	1,639.67
23 52 16 13-0068	EA	2,883 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN3001).....	73,595.82	1,710.90
23 52 16 13-0069	EA	3,364 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN3501).....	90,404.83	1,782.23
23 52 16 13-0070	EA	3,843 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN4001).....	99,881.64	1,853.46
23 52 16 13-0071	EA	4,804 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN5001).....	122,522.82	1,924.68

23 52 16 13-0072 Patterson Kelley Stainless Steel Condensing Boilers (23 52 16 13)**23 52 16 13-0073 Patterson Kelley Stainless Steel Condensing Boilers, SOLIS® Series (23 52 16 13-0072)**

23 52 16 13-0074	EA	1,500 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Patterson-Kelley SOLIS® SL-1500).....	48,859.74	1,461.39
23 52 16 13-0075	EA	3,000 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Patterson-Kelley SOLIS® SL-3000).....	75,260.46	1,746.62

23 52 16 13-0076 Patterson Kelley Stainless Steel Condensing Boilers, SONIC® Series (23 52 16 13-0072)

23 52 16 13-0077	EA	650 MBH 97% Efficient, Gas Fired, Dual Fuel, Stainless Steel Condensing Boiler (Patterson-Kelley SONIC® SC-650 SCD-650).....	25,389.77	1,033.73
23 52 16 13-0078	EA	1,000 MBH 97% Efficient, Gas Fired, Dual Fuel, Stainless Steel Condensing Boiler (Patterson-Kelley SONIC® SC-1000 SCD-1000).....	30,514.66	1,283.22
23 52 16 13-0079	EA	2,000 MBH 97% Efficient, Gas Fired, Dual Fuel, Stainless Steel Condensing Boiler (Patterson-Kelley SONIC® SC-2000).....	51,928.47	1,568.34
23 52 16 13-0080	EA	4,000 MBH 97% Efficient, Gas Fired, Dual Fuel, Stainless Steel Condensing Boiler (Patterson-Kelley SONIC® SC-4000).....	89,422.48	1,853.56

23 52 16 13-0081 Patterson Kelley Stainless Steel Condensing Boilers, STORM® Series (23 52 16 13-0072)

23 52 16 13-0082	EA	1,250 MBH 97% Efficient, Gas Fired, Stainless Steel Condensing Boiler (Patterson-Kelley STORM® ST1250).....	37,242.05	1,354.45
23 52 16 13-0083	EA	2,000 MBH 97% Efficient, Gas Fired, Stainless Steel Condensing Boiler (Patterson-Kelley STORM® ST2000).....	61,495.17	1,568.34
23 52 16 13-0084	EA	4,000 MBH 97% Efficient, Gas Fired, Stainless Steel Condensing Boiler (Patterson-Kelley STORM® ST4000).....	91,457.94	1,853.56

23 52 16 16 Aluminum Condensing Boilers (23 52 16)**23 52 16 16-0001 Weil McLain Aluminum Condensing Boilers (23 52 16 16)**

Note: Rated by gross rated output.

23 52 16 16-0002	EA	80 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80).....	8,716.70	463.39
Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.				
23 52 16 16-0003	EA	105 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80).....	9,597.64	534.72
Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.				
23 52 16 16-0004	EA	155 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80).....	10,807.88	641.56
Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.				
23 52 16 16-0005	EA	230 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80).....	12,133.52	712.89
Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.				
23 52 16 16-0006	EA	310 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80).....	15,789.60	819.84
Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.				

23 52 16 16-0007 Patterson Kelley Mach Series Aluminum Condensing Boilers (23 52 16 16)

Note: Rated by gross rated output.

23 52 16 16-0008	EA	300 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach CM300).....	16,519.30	784.22
23 52 16 16-0009	EA	450 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C450).....	18,572.65	891.17
23 52 16 16-0010	EA	750 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C750).....	21,078.56	1,069.34
23 52 16 16-0011	EA	900 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C900).....	31,071.76	1,211.89
23 52 16 16-0012	EA	1,050 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C1050).....	32,465.67	1,283.22
23 52 16 16-0013	EA	1,500 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C1500).....	50,146.74	1,461.39
23 52 16 16-0014	EA	2,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C2000).....	54,296.48	1,568.34
23 52 16 16-0015	EA	2,500 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C2500).....	76,020.18	1,710.90
23 52 16 16-0016	EA	3,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C3000).....	88,254.40	1,746.62
23 52 16 16-0017	EA	4,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C4000).....	100,424.55	1,853.56

23 52 16 16-0018 Buderus GB142 Wall Hung Aluminum Condensing Boilers (23 52 16 16)

Note: Includes standard controls. Rated by gross rated output.

23 52 16 16-0019	EA	75 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/24).....	7,003.40	427.78
Note: Includes an aluminum heat exchanger and three speed circulating pump.				
23 52 16 16-0020	EA	95 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/30).....	8,132.61	499.00
Note: Includes an aluminum heat exchanger and three speed circulating pump.				
23 52 16 16-0021	EA	143 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/45).....	9,365.74	605.94
Note: Includes an aluminum heat exchanger and three speed circulating pump.				
23 52 16 16-0022	EA	193 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/60).....	10,247.13	677.28
Note: Includes an aluminum heat exchanger and three speed circulating pump.				

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 16-0023	EA		Optional Vertical Or Horizontal 3" Concentric Termination Kit For GB142 (Buderus 60L46).....	340.09	106.95
23 52 16 16-0024	EA		Optional Stainless Steel Concentric Hood For GB142 (Buderus SJT3).....	445.00	106.95
23 52 16 16-0025	EA		Optional GB Floor Stand For GB142 (Buderus 7098265).....	949.80	106.95
23 52 16 16-0026			Buderus GB162 Wall Hung Aluminum Condensing Boilers <small>(23 52 16 16)</small>		
			Note: Includes standard controls. Rated by gross rated output.		
23 52 16 16-0027	EA		290 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB162/80).....	11,576.74	784.22
			Note: Includes an aluminum heat exchanger, connection pump module, low loss header, outdoor reset module, outdoor temperature sensor, and 1-1/2" unions.		
23 52 16 16-0028	EA		333 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB162/100).....	14,334.26	819.84
			Note: Includes an aluminum heat exchanger, connection pump module, low loss header, outdoor reset module, outdoor temperature sensor, and 1-1/2" unions.		
23 52 16 16-0029	EA		580 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Two Boilers) (Buderus GB162/80-TL2).....	27,899.50	962.39
			Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0030	EA		580 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Two Boilers) (Buderus GB162/80-TR2).....	26,050.34	962.39
			Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0031	EA		666 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Two Boilers) (Buderus GB162/100-TL2).....	33,414.51	1,033.73
			Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0032	EA		666 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Two Boilers) (Buderus GB162/100-TR2).....	31,565.35	1,033.73
			Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0033	EA		870 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Three Boilers) (Buderus GB162/80-TL3).....	38,845.00	1,211.89
			Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0034	EA		999 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Three Boilers) (Buderus GB162/100-TL3).....	47,010.59	1,283.22
			Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0035	EA		1,160 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Four Boilers) (Buderus GB162/80-TL4).....	48,308.08	1,354.45
			Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0036	EA		1,160 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Four Boilers) (Buderus GB162/80-TR4).....	49,048.68	1,354.45
			Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0037	EA		1,332 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Four Boilers) (Buderus GB162/100-TL4).....	59,017.30	1,390.17
			Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0038	EA		1,332 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Four Boilers) (Buderus GB162/100-TR4).....	59,757.90	1,390.17
			Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0039	EA		EMS Control Module For Condensing Boiler (Buderus RC35).....	783.62	106.95
23 52 16 16-0040			Buderus GB312 Aluminum Condensing Boilers <small>(23 52 16 16)</small>		
			Note: Includes standard controls. Rated by gross rated output.		
23 52 16 16-0041	EA		305 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/90).....	16,694.74	784.22
			Note: Includes an aluminum heat exchanger.		
23 52 16 16-0042	EA		409 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/120).....	19,486.80	855.45
			Note: Includes an aluminum heat exchanger.		
23 52 16 16-0043	EA		544 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/160).....	24,455.31	944.53
			Note: Includes an aluminum heat exchanger.		
23 52 16 16-0044	EA		676 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/200).....	28,128.55	1,033.73
			Note: Includes an aluminum heat exchanger.		
23 52 16 16-0045	EA		810 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/240).....	33,679.85	1,140.67
			Note: Includes an aluminum heat exchanger.		
23 52 16 16-0046	EA		944 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/280).....	37,193.71	1,247.61
			Note: Includes an aluminum heat exchanger.		
23 52 16 16-0047	EA		Optional CSD-1 Kit Consisting Of High And Low Gas Pressure Switches For GB312 (Buderus 7747019985).....	506.08	53.47
23 52 16 16-0048	EA		Optional L4006E1125 Manual Reset Aquastat For GB312 (Buderus L4006E1125).....	274.20	53.47
23 52 16 16-0049	EA		Optional Hydrolevel 550 low Water Cut-Off For GB312 (Buderus 550).....	391.28	53.47
23 52 16 16-0050	EA		Optional Condensate Neutralization Tank For GB312 (Buderus 63035899).....	826.14	53.47
23 52 16 19			Copper Water-Tube Condensing Boilers <small>(23 52 16)</small>		
23 52 16 19-0001			Laars Rheos+ Copper Fin Tube Condensing Boilers <small>(23 52 16 19)</small>		
			Note: Rated by gross rated output.		

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 50 Central Heating Equipment

23 52 Heating Boilers

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 52 16 19-0002	EA	1,200 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	47,012.59	1,354.45
23 52 16 19-0003	EA	1,600 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	53,014.94	1,497.11
23 52 16 19-0004	EA	2,000 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	58,029.93	1,568.34
23 52 16 19-0005	EA	2,400 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	62,635.03	1,639.67

23 52 16 23 Cast Iron Condensing Boilers (23 52 16)

23 52 16 23-0001 Hydrotherm KN Cast Iron Condensing Boilers (23 52 16 23)

Note: Rated by gross rated output.

23 52 16 23-0002	EA	199 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-2)	16,501.34	677.28
23 52 16 23-0003	EA	399 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-4)	24,185.63	855.45
23 52 16 23-0004	EA	600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-6)	39,856.27	998.01
23 52 16 23-0005	EA	1,000 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-10)	52,322.04	1,283.22
23 52 16 23-0006	EA	1,600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-16)	84,754.54	1,497.11
23 52 16 23-0007	EA	1,999 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-20)	76,151.78	1,568.34
23 52 16 23-0008	EA	2,600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-26)	118,021.33	1,710.90
23 52 16 23-0009	EA	3,000 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-30)	129,121.13	1,746.62

23 52 23 Cast-Iron Boilers (23 52)

23 52 23 00-0001 Weil-McLain Model 80 Cast Iron Boiler (23 52 23)

Note: Capacities are the net AHRI ratings for steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.

23 52 23 00-0002 Gas Fired Weil-McLain Model 80 Cast Iron Boiler (23 52 23 00-0001)

Note: Field assembled boilers can only be used in situations where package units cannot be installed.

23 52 23 00-0003	EA	209 MBH Steam, 242 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 380)	16,679.58	3,272.49
Note: Includes field assembly of individual sections and testing.				
23 52 23 00-0004	EA	297 MBH Steam, 344 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 480)	18,229.49	3,490.66
Note: Includes field assembly of individual sections and testing.				
23 52 23 00-0005	EA	386 MBH Steam, 448 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 580)	19,925.13	3,708.82
Note: Includes field assembly of individual sections and testing.				
23 52 23 00-0006	EA	476 MBH Steam, 551 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 680)	21,502.56	3,926.99
Note: Includes field assembly of individual sections and testing.				
23 52 23 00-0007	EA	565 MBH Steam, 655 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 780)	22,959.95	4,145.15
Note: Includes field assembly of individual sections and testing.				
23 52 23 00-0008	EA	654 MBH Steam, 758 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 880)	24,952.05	4,363.32
Note: Includes field assembly of individual sections and testing.				
23 52 23 00-0009	EA	743 MBH Steam, 862 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 980)	26,493.50	4,581.48
Note: Includes field assembly of individual sections and testing.				
23 52 23 00-0010	EA	833 MBH Steam, 965 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1080)	27,718.90	4,799.65
Note: Includes field assembly of individual sections and testing.				
23 52 23 00-0011	EA	922 MBH Steam, 1,069 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1180)	28,939.81	5,017.82
Note: Includes field assembly of individual sections and testing.				
23 52 23 00-0012	EA	1,018 MBH Steam, 1,172 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1280)	30,348.38	5,235.99
Note: Includes field assembly of individual sections and testing.				

23 52 23 00-0013 Gas Fired Package Weil-McLain Model 80 Cast Iron Boiler (23 52 23 00-0001)

23 52 23 00-0014	EA	209 MBH Steam, 242 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 380)	11,784.87	447.58
Note: Fire tested factory assembled package unit.				
23 52 23 00-0015	EA	297 MBH Steam, 344 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 480)	13,099.80	447.58
Note: Fire tested factory assembled package unit.				
23 52 23 00-0016	EA	386 MBH Steam, 448 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 580)	15,010.52	559.48
Note: Fire tested factory assembled package unit.				
23 52 23 00-0017	EA	476 MBH Steam, 551 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 680)	16,351.28	559.48
Note: Fire tested factory assembled package unit.				
23 52 23 00-0018	EA	565 MBH Steam, 655 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 780)	18,024.05	671.38
Note: Fire tested factory assembled package unit.				
23 52 23 00-0019	EA	654 MBH Steam, 758 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 880)	19,797.23	671.38
Note: Fire tested factory assembled package unit.				
23 52 23 00-0020	EA	743 MBH Steam, 862 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 980)	21,551.58	783.27
Note: Fire tested factory assembled package unit.				
23 52 23 00-0021	EA	833 MBH Steam, 965 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1080)	22,990.46	895.17
Note: Fire tested factory assembled package unit.				
23 52 23 00-0022	EA	922 MBH Steam, 1,069 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1180)	23,979.03	895.17
Note: Fire tested factory assembled package unit.				
23 52 23 00-0023	EA	1018 MBH Steam, 1172 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1280)	25,598.77	1,007.07
Note: Fire tested factory assembled package unit.				

23 52 23 00-0024 Gas/Oil Fired Weil-McLain Model 80 Cast Iron Boiler (23 52 23 00-0001)

Note: Field assembled boilers can only be used in situations where package units cannot be installed.

23 52 23 00-0025	EA	209 MBH Steam, 242 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 380)	17,447.87	3,272.49
Note: Includes field assembly of individual sections and testing.				
23 52 23 00-0026	EA	297 MBH Steam, 344 MBH Water Gas/Oil Fired Cast Iron Boiler	19,135.12	3,490.66
Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.				
23 52 23 00-0027	EA	386 MBH Steam, 448 MBH Water Gas/Oil Fired Cast Iron Boiler	20,747.81	3,708.82
Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.				
23 52 23 00-0028	EA	476 MBH Steam, 551 MBH Water Gas/Oil Fired Cast Iron Boiler	22,548.24	3,926.99
Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.				
23 52 23 00-0029	EA	565 MBH Steam, 655 MBH Water Gas/Oil Fired Cast Iron Boiler	24,034.19	4,145.15
Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.				
23 52 23 00-0030	EA	654 MBH Steam, 758 MBH Water Gas/Oil Fired Cast Iron Boiler	26,200.34	4,363.32
Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.				

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0031	EA		743 MBH Steam, 862 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	27,565.03	4,581.48
23 52 23 00-0032	EA		833 MBH Steam, 965 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	28,892.41	4,799.65
23 52 23 00-0033	EA		922 MBH Steam, 1069 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	30,114.68	5,017.82
23 52 23 00-0034	EA		1,018 MBH Steam, 1172 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	31,559.96	5,235.99
23 52 23 00-0035			Gas/Oil Fired Package Weil-McLain Model 80 Cast Iron Boiler <small>(23 52 23 00-0001)</small>		
23 52 23 00-0036	EA		209 MBH Steam, 242 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 380) Note: Fire tested factory assembled package cast iron unit.	12,553.16	447.58
23 52 23 00-0037	EA		297 MBH Steam, 344 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 480) Note: Fire tested factory assembled package cast iron unit.	14,005.42	447.58
23 52 23 00-0038	EA		386 MBH Steam, 448 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 580) Note: Fire tested factory assembled package cast iron unit.	15,833.20	559.48
23 52 23 00-0039	EA		476 MBH Steam, 551 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 680) Note: Fire tested factory assembled package cast iron unit.	17,396.97	559.48
23 52 23 00-0040	EA		565 MBH Steam, 655 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 780) Note: Fire tested factory assembled package cast iron unit.	19,098.30	671.38
23 52 23 00-0041	EA		654 MBH Steam, 758 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 880) Note: Fire tested factory assembled package cast iron unit.	21,045.53	671.38
23 52 23 00-0042	EA		743 MBH Steam, 862 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 980) Note: Fire tested factory assembled package cast iron unit.	22,623.10	783.27
23 52 23 00-0043	EA		833 MBH Steam, 965 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1080) Note: Fire tested factory assembled package cast iron unit.	24,163.96	895.17
23 52 23 00-0044	EA		922 MBH Steam, 1,069 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1180) Note: Fire tested factory assembled package cast iron unit.	25,153.90	895.17
23 52 23 00-0045	EA		1,018 MBH Steam, 1,172 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1280) Note: Fire tested factory assembled package cast iron unit.	26,810.35	1,007.07
23 52 23 00-0046			Weil-McLain Model 88 Cast Iron Boiler <small>(23 52 23)</small> Note: Capacities are the net AHRI ratings for steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
23 52 23 00-0047			Gas Fired Weil-McLain Model 88 Cast Iron Boiler <small>(23 52 23 00-0046)</small> Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0048	EA		629 MBH Steam, 730 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 488) Note: Includes field assembly of individual sections and testing.	27,085.49	4,908.73
23 52 23 00-0049	EA		845 MBH Steam, 979 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 588) Note: Includes field assembly of individual sections and testing.	29,900.58	5,208.71
23 52 23 00-0050	EA		1072 MBH Steam, 1229 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 688) Note: Includes field assembly of individual sections and testing.	33,382.05	5,508.69
23 52 23 00-0051	EA		1,311 MBH Steam, 1,478 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 788) Note: Includes field assembly of individual sections and testing.	36,451.03	5,808.67
23 52 23 00-0052	EA		1,543 MBH Steam, 1,728 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 888) Note: Includes field assembly of individual sections and testing.	39,121.09	6,108.64
23 52 23 00-0053	EA		1,766 MBH Steam, 1,977 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 988) Note: Includes field assembly of individual sections and testing.	42,984.86	6,408.62
23 52 23 00-0054	EA		1,988 MBH Steam, 2,227 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1088) Note: Includes field assembly of individual sections and testing.	45,679.90	6,708.60
23 52 23 00-0055	EA		2,211 MBH Steam, 2,477 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1188) Note: Includes field assembly of individual sections and testing.	48,065.60	7,008.58
23 52 23 00-0056	EA		2,434 MBH Steam, 2,726 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1288) Note: Includes field assembly of individual sections and testing.	51,246.39	7,308.56
23 52 23 00-0057	EA		2,657 MBH Steam, 2,976 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1388) Note: Includes field assembly of individual sections and testing.	53,807.22	7,608.53
23 52 23 00-0058	EA		2,880 MBH Steam, 3,225 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1488) Note: Includes field assembly of individual sections and testing.	58,030.65	7,908.51
23 52 23 00-0059	EA		3,102 MBH Steam, 3,475 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1588) Note: Includes field assembly of individual sections and testing.	60,467.89	8,208.49
23 52 23 00-0060	EA		3,325 MBH Steam, 3,724 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1688) Note: Includes field assembly of individual sections and testing.	63,052.18	8,508.47
23 52 23 00-0061	EA		3,548 MBH Steam, 3,974 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1788) Note: Includes field assembly of individual sections and testing.	65,930.32	8,808.45
23 52 23 00-0062	EA		3,771 MBH Steam, 4,223 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1888) Note: Includes field assembly of individual sections and testing.	68,274.37	9,108.42
23 52 23 00-0063			Gas Fired Package Weil-McLain Model 88 Cast Iron Boiler <small>(23 52 23 00-0046)</small>		
23 52 23 00-0064	EA		629 MBH Steam, 730 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 488) Note: Fire tested factory assembled package unit.	21,570.62	783.27
23 52 23 00-0065	EA		845 MBH Steam, 979 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 588) Note: Fire tested factory assembled package unit.	24,465.84	895.17
23 52 23 00-0066	EA		1,072 MBH Steam, 1,229 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 688) Note: Fire tested factory assembled package unit.	28,043.69	1,007.07
23 52 23 00-0067	EA		1,311 MBH Steam, 1,478 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 788) Note: Fire tested factory assembled package unit.	31,179.59	1,118.96
23 52 23 00-0068	EA		1,543 MBH Steam, 1,728 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 888) Note: Fire tested factory assembled package unit.	33,480.37	1,118.96
23 52 23 00-0069	EA		1,766 MBH Steam, 1,977 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 988) Note: Fire tested factory assembled package unit.	37,428.07	1,230.86
23 52 23 00-0070	EA		1,988 MBH Steam, 2,227 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1088) Note: Fire tested factory assembled package unit.	39,757.41	1,230.86
23 52 23 00-0071	EA		2,211 MBH Steam, 2,477 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1188) Note: Fire tested factory assembled package unit.	42,222.95	1,342.75

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 52 Heating Boilers**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT
UNIT COSTDEMOLITION
UNIT COST

23 52 23 00-0072	EA	2,434 MBH Steam, 2,726 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1288).....	45,039.10	1,342.75
		Note: Fire tested factory assembled package unit.		
23 52 23 00-0073	EA	2,657 MBH Steam, 2,976 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1388).....	47,680.07	1,454.65
		Note: Fire tested factory assembled package unit.		
23 52 23 00-0074	EA	2,880 MBH Steam, 3,225 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1488).....	50,238.04	1,566.54
		Note: Fire tested factory assembled package unit.		
23 52 23 00-0075	EA	3,102 MBH Steam, 3,475 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1588).....	52,310.38	1,566.54
		Note: Fire tested factory assembled package unit.		
23 52 23 00-0076	EA	3,325 MBH Steam, 3,724 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1688).....	54,975.78	1,678.44
		Note: Fire tested factory assembled package unit.		
23 52 23 00-0077	EA	3,548 MBH Steam, 3,974 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1788).....	57,487.33	1,678.44
		Note: Fire tested factory assembled package unit.		
23 52 23 00-0078	EA	3,771 MBH Steam, 4,223 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1888).....	59,940.58	1,790.34
		Note: Fire tested factory assembled package unit.		

23 52 23 00-0079 Gas/Oil Fired Weil-McLain Model 88 Cast Iron Boiler (23 52 23 00-0046)

Note: Field assembled boilers can only be used in situations where package units cannot be installed.

23 52 23 00-0080	EA	629 MBH Steam, 730 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 488)	28,031.91	4,908.73
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0081	EA	845 MBH Steam, 979 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 588)	30,841.56	5,208.71
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0082	EA	1,072 MBH Steam, 1,229 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 688).....	34,567.80	5,508.69
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0083	EA	1,311 MBH Steam, 1,478 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 788).....	37,756.44	5,808.67
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0084	EA	1,543 MBH Steam, 1,728 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 888).....	40,293.23	6,108.64
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0085	EA	1,766 MBH Steam, 1,977 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 988).....	44,083.57	6,408.62
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0086	EA	1,988 MBH Steam, 2,227 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1088).....	47,329.34	6,708.60
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0087	EA	2,211 MBH Steam, 2,477 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1188).....	49,715.03	7,008.58
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0088	EA	2,434 MBH Steam, 2,726 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1288).....	52,863.19	7,308.56
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0089	EA	2,657 MBH Steam, 2,976 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1388).....	56,118.88	7,608.53
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0090	EA	2,880 MBH Steam, 3,225 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1488).....	60,459.25	7,908.51
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0091	EA	3,102 MBH Steam, 3,475 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1588).....	63,713.73	8,208.49
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0092	EA	3,325 MBH Steam, 3,724 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1688).....	65,479.42	8,508.47
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0093	EA	3,548 MBH Steam, 3,974 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1788).....	68,284.14	8,808.45
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0094	EA	3,771 MBH Steam, 4,223 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1888).....	70,654.02	9,108.42
		Note: Includes field assembly of individual sections and testing.		

23 52 23 00-0095 Gas/Oil Fired Package Weil-McLain Model 88 Cast Iron Boiler (23 52 23 00-0046)

23 52 23 00-0096	EA	629 MBH Steam, 730 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 488).....	22,517.04	783.27
		Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0097	EA	845 MBH Steam, 979 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 588).....	25,406.82	895.17
		Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0098	EA	1,072 MBH Steam, 1,229 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 688).....	29,215.84	1,007.07
		Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0099	EA	1,311 MBH Steam, 1,478 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 788).....	32,485.00	1,118.96
		Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0100	EA	1,543 MBH Steam, 1,728 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 888).....	34,655.24	1,118.96
		Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0101	EA	1,766 MBH Steam, 1,977 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 988).....	38,526.79	1,230.86
		Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.		
23 52 23 00-0102	EA	1,988 MBH Steam, 2,227 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1088).....	41,406.84	1,230.86
		Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0103	EA	2,211 MBH Steam, 2,477 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1188).....	43,872.39	1,342.75
		Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0104	EA	2,434 MBH Steam, 2,726 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1288).....	46,655.90	1,342.75
		Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0105	EA	2,657 MBH Steam, 2,976 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1388).....	49,998.53	1,454.65
		Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0106	EA	2,880 MBH Steam, 3,225 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1488).....	52,666.65	1,566.54
		Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0107	EA	3,102 MBH Steam, 3,475 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1588).....	54,196.42	1,566.54
		Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0108	EA	3,325 MBH Steam, 3,724 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1688).....	57,403.02	1,678.44
		Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0109	EA	3,548 MBH Steam, 3,974 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1788).....	59,841.15	1,678.44
		Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0110	EA	3,771 MBH Steam, 4,223 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1888).....	62,293.03	1,790.34
		Note: Fire tested factory assembled package cast iron unit.		

23 52 23 00-0111 Weil-McLain Model 94 Cast Iron Boiler (23 52 23)

Note: Capacities are the net AHRI ratings for steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.

23 52 23 00-0112 Gas Fired Weil-McLain Model 94 Cast Iron Boiler (23 52 23 00-0111)

Note: Field assembled boilers can only be used in situations where package units cannot be installed.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0113	EA		1,584 MBH Steam, 1,784 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-894)..... Note: Includes field assembly of individual sections and testing.	73,766.31	9,544.76
23 52 23 00-0114	EA		1,800 MBH Steam, 2,050 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-994)..... Note: Includes field assembly of individual sections and testing.	79,971.62	10,090.17
23 52 23 00-0115	EA		2,024 MBH Steam, 2,310 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1094)..... Note: Includes field assembly of individual sections and testing.	85,639.21	10,635.59
23 52 23 00-0116	EA		2,249 MBH Steam, 2,571 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1194)..... Note: Includes field assembly of individual sections and testing.	91,188.52	11,181.00
23 52 23 00-0117	EA		2,474 MBH Steam, 2,834 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1294)..... Note: Includes field assembly of individual sections and testing.	96,789.48	11,726.42
23 52 23 00-0118	EA		2,703 MBH Steam, 3,098 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1394)..... Note: Includes field assembly of individual sections and testing.	103,955.14	12,271.84
23 52 23 00-0119	EA		2,928 MBH Steam, 3,362 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1494)..... Note: Includes field assembly of individual sections and testing.	109,232.75	12,817.24
23 52 23 00-0120	EA		3,154 MBH Steam, 3,628 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1594)..... Note: Includes field assembly of individual sections and testing.	114,339.57	13,362.66
23 52 23 00-0121	EA		3,378 MBH Steam, 3,894 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1694)..... Note: Includes field assembly of individual sections and testing.	122,648.66	13,908.08
23 52 23 00-0122	EA		3,604 MBH Steam, 4,162 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1794)..... Note: Includes field assembly of individual sections and testing.	127,752.54	14,453.50
23 52 23 00-0123	EA		3,834 MBH Steam, 4,430 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1894)..... Note: Includes field assembly of individual sections and testing.	132,131.50	14,998.90
23 52 23 00-0124	EA		4,059 MBH Steam, 4,700 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1994)..... Note: Includes field assembly of individual sections and testing.	140,151.14	15,544.32
23 52 23 00-0125	EA		4,285 MBH Steam, 4,970 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2094)..... Note: Includes field assembly of individual sections and testing.	145,297.36	16,089.74
23 52 23 00-0126	EA		4,510 MBH Steam, 5,241 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2194)..... Note: Includes field assembly of individual sections and testing.	153,501.33	16,635.15
23 52 23 00-0127	EA		4,781 MBH Steam, 5,568 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2294)..... Note: Includes field assembly of individual sections and testing.	158,918.51	17,180.57
23 52 23 00-0128	EA		4,961 MBH Steam, 5,787 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2394)..... Note: Includes field assembly of individual sections and testing.	164,845.63	17,725.98
23 52 23 00-0129	EA		5,232 MBH Steam, 6,117 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2494)..... Note: Includes field assembly of individual sections and testing.	169,937.14	18,271.39
23 52 23 00-0130	EA		5,413 MBH Steam, 6,338 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2594)..... Note: Includes field assembly of individual sections and testing.	175,174.88	18,816.81
23 52 23 00-0131			Gas Fired Package Weil-McLain Model 94 Cast Iron Boiler <small>(23 52 23 00-0111)</small>		
23 52 23 00-0132	EA		1,584 MBH Steam, 1,784 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-894)..... Note: Fire tested factory assembled package cast iron unit.	66,078.17	1,454.65
23 52 23 00-0133	EA		1,800 MBH Steam, 2,050 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-994)..... Note: Fire tested factory assembled package cast iron unit.	72,069.63	1,566.54
23 52 23 00-0134	EA		2,024 MBH Steam, 2,310 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1094)..... Note: Fire tested factory assembled package cast iron unit.	77,519.91	1,678.44
23 52 23 00-0135	EA		2,249 MBH Steam, 2,571 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1194)..... Note: Fire tested factory assembled package cast iron unit.	82,855.93	1,790.34
23 52 23 00-0136	EA		2,474 MBH Steam, 2,834 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1294)..... Note: Fire tested factory assembled package cast iron unit.	87,792.00	1,790.34
23 52 23 00-0137	EA		2,703 MBH Steam, 3,098 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1394)..... Note: Fire tested factory assembled package cast iron unit.	93,000.34	1,902.23
23 52 23 00-0138	EA		2,928 MBH Steam, 3,362 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1494)..... Note: Fire tested factory assembled package cast iron unit.	97,614.14	1,902.23
23 52 23 00-0139	EA		3,154 MBH Steam, 3,628 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1594)..... Note: Fire tested factory assembled package cast iron unit.	102,505.50	2,014.13
23 52 23 00-0140	EA		3,378 MBH Steam, 3,894 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1694)..... Note: Fire tested factory assembled package cast iron unit.	110,151.65	2,014.13
23 52 23 00-0141	EA		3,604 MBH Steam, 4,162 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1794)..... Note: Fire tested factory assembled package cast iron unit.	115,041.64	2,126.02
23 52 23 00-0142	EA		3,834 MBH Steam, 4,430 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1894)..... Note: Fire tested factory assembled package cast iron unit.	118,756.61	2,126.02
23 52 23 00-0143	EA		4,059 MBH Steam, 4,700 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1994)..... Note: Fire tested factory assembled package cast iron unit.	126,563.51	2,237.92
23 52 23 00-0144	EA		4,285 MBH Steam, 4,970 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2094)..... Note: Fire tested factory assembled package cast iron unit.	131,045.41	2,237.92
23 52 23 00-0145	EA		4,510 MBH Steam, 5,241 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2194)..... Note: Fire tested factory assembled package cast iron unit.	139,059.00	2,349.82
23 52 23 00-0146	EA		4,781 MBH Steam, 5,568 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2294)..... Note: Fire tested factory assembled package cast iron unit.	143,787.02	2,349.82
23 52 23 00-0147	EA		4,961 MBH Steam, 5,787 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2394)..... Note: Fire tested factory assembled package cast iron unit.	149,497.02	2,461.71
23 52 23 00-0148	EA		5,232 MBH Steam, 6,117 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2494)..... Note: Fire tested factory assembled package cast iron unit.	153,925.89	2,461.71
23 52 23 00-0149	EA		5,413 MBH Steam, 6,338 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2594)..... Note: Fire tested factory assembled package cast iron unit.	158,947.79	2,573.61
23 52 23 00-0150			Oil Fired Weil-McLain Model 94 Cast Iron Boiler <small>(23 52 23 00-0111)</small>		
			Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0151	EA		1,584 MBH Steam, 1,784 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-894)..... Note: Includes field assembly of individual sections and testing.	69,708.67	9,544.76
23 52 23 00-0152	EA		1,800 MBH Steam, 2,050 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-994)..... Note: Includes field assembly of individual sections and testing.	75,913.98	10,090.17
23 52 23 00-0153	EA		2,024 MBH Steam, 2,310 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1094)..... Note: Includes field assembly of individual sections and testing.	83,460.81	10,635.59
23 52 23 00-0154	EA		2,249 MBH Steam, 2,571 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1194)..... Note: Includes field assembly of individual sections and testing.	88,519.23	11,181.00

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 52 Heating Boilers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 52 23 00-0155	EA	2,474 MBH Steam, 2,834 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1294) Note: Includes field assembly of individual sections and testing.	93,785.68	11,726.42
23 52 23 00-0156	EA	2,703 MBH Steam, 3,098 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1394) Note: Includes field assembly of individual sections and testing.	100,577.40	12,271.84
23 52 23 00-0157	EA	2,928 MBH Steam, 3,362 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1494) Note: Includes field assembly of individual sections and testing.	106,107.93	12,817.24
23 52 23 00-0158	EA	3,154 MBH Steam, 3,628 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1594) Note: Includes field assembly of individual sections and testing.	111,217.47	13,362.66
23 52 23 00-0159	EA	3,378 MBH Steam, 3,894 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1694) Note: Includes field assembly of individual sections and testing.	120,497.46	13,908.08
23 52 23 00-0160	EA	3,604 MBH Steam, 4,162 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1794) Note: Includes field assembly of individual sections and testing.	125,602.70	14,453.50
23 52 23 00-0161	EA	3,834 MBH Steam, 4,430 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1894) Note: Includes field assembly of individual sections and testing.	130,706.43	14,998.90
23 52 23 00-0162	EA	4,059 MBH Steam, 4,700 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1994) Note: Includes field assembly of individual sections and testing.	140,160.66	15,544.32
23 52 23 00-0163	EA	4,285 MBH Steam, 4,970 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2094) Note: Includes field assembly of individual sections and testing.	145,306.88	16,089.74
23 52 23 00-0164	EA	4,510 MBH Steam, 5,241 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2194) Note: Includes field assembly of individual sections and testing.	153,729.77	16,635.15
23 52 23 00-0165	EA	4,781 MBH Steam, 5,568 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2294) Note: Includes field assembly of individual sections and testing.	159,145.60	17,180.57
23 52 23 00-0166	EA	4,961 MBH Steam, 5,787 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2394) Note: Includes field assembly of individual sections and testing.	164,955.77	17,725.98
23 52 23 00-0167	EA	5,232 MBH Steam, 6,117 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2494) Note: Includes field assembly of individual sections and testing.	170,047.28	18,271.39
23 52 23 00-0168	EA	5,413 MBH Steam, 6,338 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2594) Note: Includes field assembly of individual sections and testing.	175,293.18	18,816.81

23 52 23 00-0169 Oil Fired Package Weil-McLain Model 94 Cast Iron Boiler (23 52 23 00-0111)

23 52 23 00-0170	EA	1,584 MBH Steam, 1,784 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-894) Note: Fire tested factory assembled package cast iron unit.	61,800.24	1,454.65
23 52 23 00-0171	EA	1,800 MBH Steam, 2,050 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-994) Note: Fire tested factory assembled package cast iron unit.	67,791.70	1,566.54
23 52 23 00-0172	EA	2,024 MBH Steam, 2,310 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1094) Note: Fire tested factory assembled package cast iron unit.	75,121.22	1,678.44
23 52 23 00-0173	EA	2,249 MBH Steam, 2,571 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1194) Note: Fire tested factory assembled package cast iron unit.	79,966.35	1,790.34
23 52 23 00-0174	EA	2,474 MBH Steam, 2,834 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1294) Note: Fire tested factory assembled package cast iron unit.	84,567.92	1,790.34
23 52 23 00-0175	EA	2,703 MBH Steam, 3,098 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1394) Note: Fire tested factory assembled package cast iron unit.	89,402.31	1,902.23
23 52 23 00-0176	EA	2,928 MBH Steam, 3,362 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1494) Note: Fire tested factory assembled package cast iron unit.	94,269.03	1,902.23
23 52 23 00-0177	EA	3,154 MBH Steam, 3,628 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1594) Note: Fire tested factory assembled package cast iron unit.	99,160.39	2,014.13
23 52 23 00-0178	EA	3,378 MBH Steam, 3,894 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1694) Note: Fire tested factory assembled package cast iron unit.	107,780.16	2,014.13
23 52 23 00-0179	EA	3,604 MBH Steam, 4,162 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1794) Note: Fire tested factory assembled package cast iron unit.	112,668.79	2,126.02
23 52 23 00-0180	EA	3,834 MBH Steam, 4,430 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1894) Note: Fire tested factory assembled package cast iron unit.	117,111.26	2,126.02
23 52 23 00-0181	EA	4,059 MBH Steam, 4,700 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1994) Note: Fire tested factory assembled package cast iron unit.	126,352.74	2,237.92
23 52 23 00-0182	EA	4,285 MBH Steam, 4,970 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2094) Note: Fire tested factory assembled package cast iron unit.	130,834.64	2,237.92
23 52 23 00-0183	EA	4,510 MBH Steam, 5,241 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2194) Note: Fire tested factory assembled package cast iron unit.	139,039.96	2,349.82
23 52 23 00-0184	EA	4,781 MBH Steam, 5,568 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2294) Note: Fire tested factory assembled package cast iron unit.	143,793.82	2,349.82
23 52 23 00-0185	EA	4,961 MBH Steam, 5,787 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2394) Note: Fire tested factory assembled package cast iron unit.	149,386.88	2,461.71
23 52 23 00-0186	EA	5,232 MBH Steam, 6,117 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2494) Note: Fire tested factory assembled package cast iron unit.	153,815.74	2,461.71
23 52 23 00-0187	EA	5,413 MBH Steam, 6,338 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2594) Note: Fire tested factory assembled package cast iron unit.	158,845.80	2,573.61

23 52 23 00-0188 Gas/Oil Fired Weil-McLain Model 94 Cast Iron Boiler (23 52 23 00-0111)

Note: Field assembled boilers can only be used in situations where package units cannot be installed.

23 52 23 00-0189	EA	1,584 MBH Steam, 1,784 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-894) Note: Includes field assembly of individual sections and testing.	75,041.80	9,544.76
23 52 23 00-0190	EA	1,800 MBH Steam, 2,050 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-994) Note: Includes field assembly of individual sections and testing.	81,248.47	10,090.17
23 52 23 00-0191	EA	2,024 MBH Steam, 2,310 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1094) Note: Includes field assembly of individual sections and testing.	87,264.17	10,635.59
23 52 23 00-0192	EA	2,249 MBH Steam, 2,571 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1194) Note: Includes field assembly of individual sections and testing.	92,950.82	11,181.00
23 52 23 00-0193	EA	2,474 MBH Steam, 2,834 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1294) Note: Includes field assembly of individual sections and testing.	98,520.50	11,726.42
23 52 23 00-0194	EA	2,703 MBH Steam, 3,098 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1394) Note: Includes field assembly of individual sections and testing.	104,594.25	12,271.84
23 52 23 00-0195	EA	2,928 MBH Steam, 3,362 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1494) Note: Includes field assembly of individual sections and testing.	111,355.40	12,817.24
23 52 23 00-0196	EA	3,154 MBH Steam, 3,628 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1594) Note: Includes field assembly of individual sections and testing.	116,796.73	13,362.66

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0197	EA	3,378 MBH Steam, 3,894 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1694)..... Note: Includes field assembly of individual sections and testing.	125,319.31	13,908.08
23 52 23 00-0198	EA	3,604 MBH Steam, 4,162 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1794)..... Note: Includes field assembly of individual sections and testing.	130,423.19	14,453.50
23 52 23 00-0199	EA	3,834 MBH Steam, 4,430 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1894)..... Note: Includes field assembly of individual sections and testing.	134,897.33	14,998.90
23 52 23 00-0200	EA	4,059 MBH Steam, 4,700 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1994)..... Note: Includes field assembly of individual sections and testing.	143,009.44	15,544.32
23 52 23 00-0201	EA	4,285 MBH Steam, 4,970 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2094)..... Note: Includes field assembly of individual sections and testing.	149,515.46	16,089.74
23 52 23 00-0202	EA	4,510 MBH Steam, 5,241 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2194)..... Note: Includes field assembly of individual sections and testing.	158,448.28	16,635.15
23 52 23 00-0203	EA	4,781 MBH Steam, 5,568 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2294)..... Note: Includes field assembly of individual sections and testing.	163,824.67	17,180.57
23 52 23 00-0204	EA	4,961 MBH Steam, 5,787 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2394)..... Note: Includes field assembly of individual sections and testing.	170,004.71	17,725.98
23 52 23 00-0205	EA	5,232 MBH Steam, 6,117 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2494)..... Note: Includes field assembly of individual sections and testing.	175,097.58	18,271.39
23 52 23 00-0206	EA	5,413 MBH Steam, 6,338 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2594)..... Note: Includes field assembly of individual sections and testing.	180,339.40	18,816.81
23 52 23 00-0207		Gas/Oil Fired Package Weil-McLain Model 94 Cast Iron Boiler <small>(23 52 23 00-0111)</small>		
23 52 23 00-0208	EA	1,584 MBH Steam, 1,784 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-894)..... Note: Fire tested factory assembled package cast iron unit.	67,452.92	1,454.65
23 52 23 00-0209	EA	1,800 MBH Steam, 2,050 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-994)..... Note: Fire tested factory assembled package cast iron unit.	73,445.75	1,566.54
23 52 23 00-0210	EA	2,024 MBH Steam, 2,310 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1094)..... Note: Fire tested factory assembled package cast iron unit.	79,248.21	1,678.44
23 52 23 00-0211	EA	2,249 MBH Steam, 2,571 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1194)..... Note: Fire tested factory assembled package cast iron unit.	84,718.85	1,790.34
23 52 23 00-0212	EA	2,474 MBH Steam, 2,834 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1294)..... Note: Fire tested factory assembled package cast iron unit.	89,623.65	1,790.34
23 52 23 00-0213	EA	2,703 MBH Steam, 3,098 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1394)..... Note: Fire tested factory assembled package cast iron unit.	93,738.71	1,902.23
23 52 23 00-0214	EA	2,928 MBH Steam, 3,362 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1494)..... Note: Fire tested factory assembled package cast iron unit.	99,836.06	1,902.23
23 52 23 00-0215	EA	3,154 MBH Steam, 3,628 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1594)..... Note: Fire tested factory assembled package cast iron unit.	105,060.56	2,014.13
23 52 23 00-0216	EA	3,378 MBH Steam, 3,894 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1694)..... Note: Fire tested factory assembled package cast iron unit.	112,922.93	2,014.13
23 52 23 00-0217	EA	3,604 MBH Steam, 4,162 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1794)..... Note: Fire tested factory assembled package cast iron unit.	117,810.19	2,126.02
23 52 23 00-0218	EA	3,834 MBH Steam, 4,430 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1894)..... Note: Fire tested factory assembled package cast iron unit.	121,621.71	2,126.02
23 52 23 00-0219	EA	4,059 MBH Steam, 4,700 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1994)..... Note: Fire tested factory assembled package cast iron unit.	129,521.08	2,237.92
23 52 23 00-0220	EA	4,285 MBH Steam, 4,970 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2094)..... Note: Fire tested factory assembled package cast iron unit.	135,364.14	2,237.92
23 52 23 00-0221	EA	4,510 MBH Steam, 5,241 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2194)..... Note: Fire tested factory assembled package cast iron unit.	144,079.38	2,349.82
23 52 23 00-0222	EA	4,781 MBH Steam, 5,568 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2294)..... Note: Fire tested factory assembled package cast iron unit.	148,793.81	2,349.82
23 52 23 00-0223	EA	4,961 MBH Steam, 5,787 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2394)..... Note: Fire tested factory assembled package cast iron unit.	154,755.37	2,461.71
23 52 23 00-0224	EA	5,232 MBH Steam, 6,117 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2494)..... Note: Fire tested factory assembled package cast iron unit.	159,185.60	2,461.71
23 52 23 00-0225	EA	5,413 MBH Steam, 6,338 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2594)..... Note: Fire tested factory assembled package cast iron unit.	164,212.93	2,573.61
23 52 33		Water-Tube Boilers <small>(23 52)</small>		
23 52 33 13		Finned Water-Tube Boilers <small>(23 52 33)</small>		
23 52 33 13-0001		Laars Pennant 85% Efficient Water, Gas Fired, Copper Fin Tube LoNox Boiler <small>(23 52 33 13)</small>		
		Note: Rated by gross rated output.		
23 52 33 13-0002	EA	200 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	9,220.02	635.25
23 52 33 13-0003	EA	300 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	10,146.22	705.84
23 52 33 13-0004	EA	400 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	11,654.86	847.00
23 52 33 13-0005	EA	500 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	14,892.02	882.29
23 52 33 13-0006	EA	750 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	17,494.27	1,058.75
23 52 33 13-0007	EA	1,000 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	21,497.53	1,270.49
23 52 33 13-0008	EA	1,250 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	24,423.49	1,341.08
23 52 33 13-0009	EA	1,500 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	27,054.81	1,446.96
23 52 33 13-0010	EA	1,750 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	29,503.15	1,517.54
23 52 33 13-0011	EA	2,000 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	31,661.10	1,552.83
23 52 33 13-0012		Patterson Kelly Modufire Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler <small>(23 52 33 13)</small>		
		Note: Rated by gross rated output.		
23 52 33 13-0013	EA	1,000 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire).....	32,208.68	1,270.49
23 52 33 13-0014	EA	1,500 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire).....	40,231.78	1,446.96
23 52 33 13-0015	EA	2,000 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire).....	42,869.71	1,552.83
23 52 33 13-0016	EA	2,500 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire).....	60,669.70	1,764.58

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 50 Central Heating Equipment

23 52 Heating Boilers



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 33 13-0017	EA		3,000 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire).....	63,631.75	1,976.33
23 52 33 13-0018 Lochinvar Copper-Fin II Finned Tube Boiler (23 52 33 13)					
Note: Rated by gross rated output.					
23 52 33 13-0019	EA		340 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0402).....	13,482.74	570.01
			For High And Low Gas Pressure Switch With Manual Reset, Add	502.08	
			For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	444.78	
23 52 33 13-0020	EA		425 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0502).....	16,183.53	712.25
			For High And Low Gas Pressure Switch With Manual Reset, Add	502.08	
			For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	444.78	
23 52 33 13-0021	EA		552.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0652).....	17,358.96	855.55
			For High And Low Gas Pressure Switch With Manual Reset, Add	502.08	
			For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	444.78	
23 52 33 13-0022	EA		637.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0752).....	17,837.85	855.55
			For High And Low Gas Pressure Switch With Manual Reset, Add	502.08	
			For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	444.78	
23 52 33 13-0023	EA		841.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0992).....	22,126.43	1,069.45
			For High And Low Gas Pressure Switch With Manual Reset, Add	502.08	
			For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	444.78	
23 52 33 13-0024	EA		1,071 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN1262).....	25,641.01	1,069.45
			For High And Low Gas Pressure Switch With Manual Reset, Add	502.08	
			For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	444.78	
23 52 33 13-0025	EA		1,224 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN1442).....	27,965.86	1,069.45
			For High And Low Gas Pressure Switch With Manual Reset, Add	502.08	
			For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	444.78	
23 52 33 13-0026	EA		1,530 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN1802).....	30,132.88	1,283.34
			For High And Low Gas Pressure Switch With Manual Reset, Add	502.08	
			For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	444.78	
23 52 33 13-0027	EA		1,759.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN2072).....	35,641.19	1,497.22
			For High And Low Gas Pressure Switch With Manual Reset, Add	502.08	
			For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	444.78	
23 52 33 13-0028 Raypak Cupro-Nickel Finned-Tube Boiler With Pump (23 52 33 13)					
Note: Rated by gross rated output.					
23 52 33 13-0029	EA		385 MBH Water, Gas Fired, On/Off, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H4-399B).....	12,974.04	783.47
23 52 33 13-0030	EA		420 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-499B).....	13,967.27	705.84
23 52 33 13-0031	EA		546 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-649B).....	15,541.93	847.00
23 52 33 13-0032	EA		630 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-749B).....	16,493.81	961.54
23 52 33 13-0033	EA		756 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-899B).....	18,321.63	1,058.75
23 52 33 13-0034	EA		832 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-989B).....	19,707.62	1,139.60
23 52 33 13-0035	EA		1,058 MBH Water, Gas Fired, Three Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H8-1259B).....	22,520.95	1,270.49
23 52 33 13-0036	EA		1,285 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-1529B).....	26,197.39	1,341.08
23 52 33 13-0037	EA		1,512 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-1799B).....	27,791.63	1,446.96
23 52 33 13-0038	EA		1,679 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-1999B).....	33,275.36	1,482.25
23 52 33 13-0039	EA		1,739 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-2069B).....	33,382.30	1,517.54
23 52 33 13-0040	EA		1,966 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-2339B).....	39,107.90	1,552.83
23 52 33 16 Steel Water-Tube Boilers (23 52 33)					
23 52 33 16-0001 Unilux 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (23 52 33 16)					
Note: Compliant with BAAQMD.					
23 52 33 16-0002	EA		1,250 MBH Input/1,062 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF100).....	84,467.10	1,711.11
23 52 33 16-0003	EA		1,750 MBH Input/1,488 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF150).....	90,808.11	2,138.89
23 52 33 16-0004	EA		2,200 MBH Input/1,870 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF200).....	92,453.70	2,352.77
23 52 33 16-0005	EA		2,750 MBH Input/2,338 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF250).....	99,584.74	2,566.66
23 52 33 16-0006	EA		3,000 MBH Input/2,550 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF300).....	102,969.13	2,887.50
23 52 33 16-0007	EA		3,750 MBH Output/3,188 MBH Input, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux VZ350).....	113,664.64	3,208.33
23 52 33 16-0008	EA		4,300 MBH Input/3,655 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux VZ400).....	118,449.02	3,315.27
23 52 33 16-0009 Unilux 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (23 52 33 16)					
Note: Compliant with BAAQMD.					
23 52 33 16-0010	EA		1,250 MBH, 31 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 100LS).....	98,606.39	1,925.00
23 52 33 16-0011	EA		1,750 MBH, 43.5 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 150LS).....	103,513.58	2,245.83
23 52 33 16-0012	EA		2,200 MBH, 54.5 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 200LS).....	106,379.10	2,459.72
23 52 33 16-0013	EA		2,750 MBH, 68 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 250LS).....	118,993.47	2,673.61
23 52 33 16-0014	EA		3,000 MBH, 74 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 300LS).....	123,381.77	2,887.50
23 52 33 16-0015	EA		3,750 MBH, 93 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 350LS).....	131,944.53	3,208.33

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 33 16-0016	EA		4,300 MBH, 106.5 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 400LS).....	139,691.93	3,422.22
23 52 33 16-0017	EA		5,400 MBH, 134 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 500LS).....	233,649.76	3,636.11
23 52 33 16-0018	EA		6,250 MBH, 155 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 600LS).....	252,967.39	3,850.00
23 52 33 16-0019	EA		7,235 MBH, 179 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 700LS).....	266,191.74	4,063.88
23 52 33 16-0020	EA		8,270 MBH, 205 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 800LS).....	273,017.79	4,277.77
23 52 33 16-0021 Unilux 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (23 52 33 16)					
Note: Compliant with BAAQMD.					
23 52 33 16-0022	EA		1,250 MBH, 31 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 100HS).....	106,222.48	1,925.00
23 52 33 16-0023	EA		1,750 MBH, 43.5 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 150HS).....	112,654.59	2,245.83
23 52 33 16-0024	EA		2,200 MBH, 54.5 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 200HS).....	116,737.91	2,459.72
23 52 33 16-0025	EA		2,750 MBH, 68 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 250HS).....	129,657.27	2,673.61
23 52 33 16-0026	EA		3,000 MBH, 74 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 300HS).....	134,045.57	2,887.50
23 52 33 16-0027	EA		3,750 MBH, 93 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 350HS).....	141,085.53	3,208.33
23 52 33 16-0028	EA		4,300 MBH, 106.5 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 400HS).....	149,131.52	3,422.22
23 52 33 16-0029	EA		5,400 MBH, 134 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 500HS).....	242,485.79	3,636.11
23 52 33 16-0030	EA		6,250 MBH, 155 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 600HS).....	263,328.34	3,850.00
23 52 33 16-0031	EA		7,235 MBH, 179 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 700HS).....	271,677.20	4,063.88
23 52 33 16-0032	EA		8,270 MBH, 205 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 800HS).....	283,378.74	4,277.77
23 52 33 16-0033	EA		9,300 MBH, 230 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 900HS).....	315,187.95	4,491.67
23 52 33 16-0034	EA		10,330 MBH, 256 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 1000HS).....	456,224.32	4,705.56
23 52 33 16-0035	EA		12,400 MBH, 307 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 1200HS).....	479,351.07	4,919.44
23 52 36 Fire-Box Boiler (23 52)					
23 52 36 00-0001 Package Oil Fired Firebox Boilers (23 52 36)					
Note: Prices are good for 15 PSI steam or 30 PSI water. Packaged type, complete with burner and all basic safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.) Normally required (Boiler HP) boiler sizes are based on HP rating and gross output.					
23 52 36 00-0002	EA		40 HP, 1,339 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water.....	79,376.73	2,685.51
23 52 36 00-0003	EA		46 HP, 1,553 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water.....	82,991.91	2,909.29
23 52 36 00-0004	EA		53 HP, 1,784 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water.....	86,894.99	3,133.09
23 52 36 00-0005	EA		61 HP, 2,062 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water.....	93,965.64	3,356.89
23 52 36 00-0006	EA		69 HP, 2,313 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water.....	98,156.66	3,580.67
23 52 36 00-0007	EA		80 HP, 2,678 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water.....	102,275.83	3,804.47
23 52 36 00-0008	EA		100 HP, 3,348 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water.....	113,752.23	4,028.26
23 52 36 00-0009	EA		127 HP, 4,251 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water.....	131,622.65	4,475.84
23 52 36 00-0010	EA		151 HP, 5,055 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water.....	149,795.48	4,923.43
23 52 36 00-0011	EA		183 HP, 6,126 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water.....	164,336.54	5,426.96
23 52 36 00-0012	EA		220 HP, 7,388 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water.....	178,877.74	5,930.49
23 52 36 00-0013	EA		257 HP, 8,606 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water.....	188,091.04	6,937.56
23 52 36 00-0014	EA		294 HP, 9,842 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water.....	229,195.68	7,944.62
23 52 36 00-0015	EA		368 HP, 12,302 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water.....	271,308.17	8,951.69
23 52 36 00-0016	EA		441 HP, 14,766 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water.....	313,860.49	10,070.65
23 52 36 00-0017	EA		514 HP, 17,220 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water.....	355,421.32	10,909.86
23 52 39 Fire-Tube Boilers (23 52)					
23 52 39 13 Scotch Marine Boilers (23 52 39)					
23 52 39 13-0001 15 PSI Steam Scotch Marine Boilers (23 52 39 13)					
Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH gross rated output.					
23 52 39 13-0002 15 PSI Gas Fired Steam Scotch Marine Boilers (23 52 39 13-0001)					
23 52 39 13-0003	EA		30 HP, 1,033 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	63,280.33	1,230.86
23 52 39 13-0004	EA		40 HP, 1,339 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	68,117.51	1,342.75
23 52 39 13-0005	EA		50 HP, 1,674 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	73,984.19	1,454.65
23 52 39 13-0006	EA		60 HP, 2,009 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	77,321.55	1,678.44

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 52 Heating Boilers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 52 39 13-0007	EA	70 HP, 2,343 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	81,024.36	1,790.34
23 52 39 13-0008	EA	80 HP, 2,678 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	84,819.82	1,902.23
23 52 39 13-0009	EA	90 HP, 3,013 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	87,437.52	1,958.18
23 52 39 13-0010	EA	100 HP, 3,348 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	92,296.33	2,014.13
23 52 39 13-0011	EA	125 HP, 4,184 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	104,350.64	2,237.92
23 52 39 13-0012	EA	150 HP, 5,021 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	118,567.40	2,461.71
23 52 39 13-0013	EA	175 HP, 5,858 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	130,053.03	2,713.48
23 52 39 13-0014	EA	200 HP, 6,695 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	141,536.37	2,965.24
23 52 39 13-0015	EA	250 HP, 8,369 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	149,330.67	3,468.78
23 52 39 13-0016	EA	300 HP, 10,043 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	181,582.24	3,972.31
23 52 39 13-0017	EA	350 HP, 11,716 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	196,598.48	4,475.84
23 52 39 13-0018	EA	400 HP, 13,390 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	231,443.64	4,979.37
23 52 39 13-0019	EA	500 HP, 16,738 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	281,033.66	5,482.91
23 52 39 13-0020	EA	600 HP, 20,085 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	328,725.80	5,986.44
23 52 39 13-0021	EA	700 HP, 23,433 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	374,383.98	6,489.97
23 52 39 13-0022	EA	800 HP, 26,780 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	418,214.52	6,993.50
23 52 39 13-0023	EA	900 HP, 30,128 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	650,740.83	7,497.03
23 52 39 13-0024	EA	1,000 HP, 33,476 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	708,016.53	8,000.57

23 52 39 13-0025 15 PSI Oil Fired Steam Scotch Marine Boilers (23 52 39 13-0001)

23 52 39 13-0026	EA	30 HP, 1,033 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	58,660.73	1,230.86
23 52 39 13-0027	EA	40 HP, 1,339 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	63,150.20	1,342.75
23 52 39 13-0028	EA	50 HP, 1,674 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	68,584.94	1,454.65
23 52 39 13-0029	EA	60 HP, 2,009 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	74,738.55	1,678.44
23 52 39 13-0030	EA	70 HP, 2,343 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	77,977.74	1,790.34
23 52 39 13-0031	EA	80 HP, 2,678 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	81,211.69	1,902.23
23 52 39 13-0032	EA	90 HP, 3,013 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	84,229.65	1,958.18
23 52 39 13-0033	EA	100 HP, 3,348 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	90,243.17	2,014.13
23 52 39 13-0034	EA	125 HP, 4,184 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	104,448.54	2,237.92
23 52 39 13-0035	EA	150 HP, 5,021 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	118,673.94	2,461.71
23 52 39 13-0036	EA	175 HP, 5,858 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	130,171.10	2,713.48
23 52 39 13-0037	EA	200 HP, 6,695 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	141,665.95	2,965.24
23 52 39 13-0038	EA	250 HP, 8,369 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	149,466.01	3,468.78
23 52 39 13-0039	EA	300 HP, 10,043 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	181,749.26	3,972.31
23 52 39 13-0040	EA	350 HP, 11,716 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	196,777.02	4,475.84
23 52 39 13-0041	EA	400 HP, 13,390 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	231,656.73	4,979.37
23 52 39 13-0042	EA	500 HP, 16,738 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	281,292.83	5,482.91
23 52 39 13-0043	EA	600 HP, 20,085 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	329,031.04	5,986.44
23 52 39 13-0044	EA	700 HP, 23,433 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	374,732.41	6,489.97
23 52 39 13-0045	EA	800 HP, 26,780 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	418,606.15	6,993.50
23 52 39 13-0046	EA	900 HP, 30,128 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	651,359.89	7,497.03
23 52 39 13-0047	EA	1,000 HP, 33,476 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	708,693.76	8,000.57

23 52 39 13-0048 15 PSI Gas/Oil Fired Steam Scotch Marine Boilers (23 52 39 13-0001)

23 52 39 13-0049	EA	30 HP, 1,033 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	65,302.24	1,230.86
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MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 52 39 13-0050	EA	40 HP, 1,339 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	70,291.61	1,342.75	
23 52 39 13-0051	EA	50 HP, 1,674 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	76,342.58	1,454.65	
23 52 39 13-0052	EA	60 HP, 2,009 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	80,252.98	1,678.44	
23 52 39 13-0053	EA	70 HP, 2,343 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	83,719.67	1,790.34	
23 52 39 13-0054	EA	80 HP, 2,678 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	87,181.10	1,902.23	
23 52 39 13-0055	EA	90 HP, 3,013 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	90,423.67	1,958.18	
23 52 39 13-0056	EA	100 HP, 3,348 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	93,667.02	2,014.13	
23 52 39 13-0057	EA	125 HP, 4,184 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	108,428.15	2,237.92	
23 52 39 13-0058	EA	150 HP, 5,021 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	123,209.31	2,461.71	
23 52 39 13-0059	EA	175 HP, 5,858 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	135,144.16	2,713.48	
23 52 39 13-0060	EA	200 HP, 6,695 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	147,073.84	2,965.24	
23 52 39 13-0061	EA	250 HP, 8,369 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	155,115.79	3,468.78	
23 52 39 13-0062	EA	300 HP, 10,043 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	188,660.30	3,972.31	
23 52 39 13-0063	EA	350 HP, 11,716 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	204,229.42	4,475.84	
23 52 39 13-0064	EA	400 HP, 13,390 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	240,479.82	4,979.37	
23 52 39 13-0065	EA	500 HP, 16,738 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	292,099.97	5,482.91	
23 52 39 13-0066	EA	600 HP, 20,085 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	341,741.59	5,986.44	
23 52 39 13-0067	EA	700 HP, 23,433 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	389,265.75	6,489.97	
23 52 39 13-0068	EA	800 HP, 26,780 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	434,881.65	6,993.50	
23 52 39 13-0069	EA	900 HP, 30,128 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	677,252.61	7,497.03	
23 52 39 13-0070	EA	1,000 HP, 33,476 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	736,888.24	8,000.57	
23 52 39 13-0071		125 PSI Water Scotch Marine Boilers <small>(23 52 39 13)</small> Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH gross rated output.			
23 52 39 13-0072		125 PSI Gas Fired Water Scotch Marine Boilers <small>(23 52 39 13-0071)</small>			
23 52 39 13-0073	EA	40 HP, 1,339 MBH 125 PSI Water Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	74,898.97	1,342.75	
23 52 39 13-0074	EA	50 HP, 1,674 MBH 125 PSI Water Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	84,045.51	1,454.65	
23 52 39 13-0075	EA	60 HP, 2,009 MBH 125 PSI Water Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	90,305.67	1,678.44	
23 52 39 13-0076	EA	70 HP, 2,343 MBH 125 PSI Water Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	97,072.37	1,790.34	
23 52 39 13-0077	EA	80 HP, 2,678 MBH 125 PSI Water Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	103,980.68	1,902.23	
23 52 39 13-0078	EA	90 HP, 3,013 MBH 125 PSI Water Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	109,472.22	1,958.18	
23 52 39 13-0079	EA	100 HP, 3,348 MBH 125 PSI Water Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	117,855.66	2,014.13	
23 52 39 13-0080	EA	125 HP, 4,184 MBH 125 PSI Water Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	126,451.57	2,237.92	
23 52 39 13-0081	EA	150 HP, 5,021 MBH 125 PSI Water Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	137,857.84	2,461.71	
23 52 39 13-0082	EA	175 HP, 5,858 MBH 125 PSI Water Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	146,656.81	2,713.48	
23 52 39 13-0083	EA	200 HP, 6,695 MBH 125 PSI Water Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	151,862.61	2,965.24	
23 52 39 13-0084	EA	250 HP, 8,369 MBH 125 PSI Water Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	183,822.52	3,468.78	
23 52 39 13-0085	EA	300 HP, 10,043 MBH 125 PSI Water Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	214,018.06	3,972.31	
23 52 39 13-0086	EA	350 HP, 11,716 MBH 125 PSI Water Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	230,704.46	4,475.84	
23 52 39 13-0087	EA	400 HP, 13,390 MBH 125 PSI Water Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	257,403.23	4,979.37	
23 52 39 13-0088	EA	500 HP, 16,738 MBH 125 PSI Water Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	311,833.86	5,482.91	
23 52 39 13-0089	EA	600 HP, 20,085 MBH 125 PSI Water Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	364,948.29	5,986.44	
23 52 39 13-0090	EA	700 HP, 23,433 MBH 125 PSI Water Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	415,798.39	6,489.97	
23 52 39 13-0091	EA	800 HP, 26,780 MBH 125 PSI Water Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	464,599.12	6,993.50	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 52 Heating Boilers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0092	EA		900 HP, 30,128 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	724,525.92	7,497.03
23 52 39 13-0093	EA		1,000 HP, 33,476 125 PSI MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	788,366.21	8,000.57
23 52 39 13-0094			125 PSI Oil Fired Water Scotch Marine Boilers (23 52 39 13-0071)		
23 52 39 13-0095	EA		40 HP, 1,339 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	69,393.18	1,342.75
23 52 39 13-0096	EA		50 HP, 1,674 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	77,848.61	1,454.65
23 52 39 13-0097	EA		60 HP, 2,009 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	87,244.65	1,678.44
23 52 39 13-0098	EA		70 HP, 2,343 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	93,366.33	1,790.34
23 52 39 13-0099	EA		80 HP, 2,678 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	99,479.87	1,902.23
23 52 39 13-0100	EA		90 HP, 3,013 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	105,374.55	1,958.18
23 52 39 13-0101	EA		100 HP, 3,348 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	115,177.63	2,014.13
23 52 39 13-0102	EA		125 HP, 4,184 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	126,569.63	2,237.92
23 52 39 13-0103	EA		150 HP, 5,021 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	137,984.54	2,461.71
23 52 39 13-0104	EA		175 HP, 5,858 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	146,792.15	2,713.48
23 52 39 13-0105	EA		200 HP, 6,695 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	152,003.71	2,965.24
23 52 39 13-0106	EA		250 HP, 8,369 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	183,992.42	3,468.78
23 52 39 13-0107	EA		300 HP, 10,043 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	214,216.75	3,972.31
23 52 39 13-0108	EA		350 HP, 11,716 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	230,917.55	4,475.84
23 52 39 13-0109	EA		400 HP, 13,390 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	257,642.24	4,979.37
23 52 39 13-0110	EA		500 HP, 16,738 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	312,124.70	5,482.91
23 52 39 13-0111	EA		600 HP, 20,085 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	365,290.96	5,986.44
23 52 39 13-0112	EA		700 HP, 23,433 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	416,190.01	6,489.97
23 52 39 13-0113	EA		800 HP, 26,780 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	465,036.82	6,993.50
23 52 39 13-0114	EA		900 HP, 30,128 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	725,219.77	7,497.03
23 52 39 13-0115	EA		1,000 HP, 33,476 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	789,122.38	8,000.57
23 52 39 13-0116			125 PSI Gas/Oil Fired Water Scotch Marine Boilers (23 52 39 13-0071)		
23 52 39 13-0117	EA		40 HP, 1,339 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	77,306.32	1,342.75
23 52 39 13-0118	EA		50 HP, 1,674 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	86,752.34	1,454.65
23 52 39 13-0119	EA		60 HP, 2,009 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	93,775.59	1,678.44
23 52 39 13-0120	EA		70 HP, 2,343 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	100,355.11	1,790.34
23 52 39 13-0121	EA		80 HP, 2,678 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	106,929.39	1,902.23
23 52 39 13-0122	EA		90 HP, 3,013 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	113,284.81	1,958.18
23 52 39 13-0123	EA		100 HP, 3,348 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	119,641.01	2,014.13
23 52 39 13-0124	EA		125 HP, 4,184 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	131,470.71	2,237.92
23 52 39 13-0125	EA		150 HP, 5,021 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	143,323.32	2,461.71
23 52 39 13-0126	EA		175 HP, 5,858 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	152,456.32	2,713.48
23 52 39 13-0127	EA		200 HP, 6,695 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	157,843.54	2,965.24
23 52 39 13-0128	EA		250 HP, 8,369 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	191,081.99	3,468.78
23 52 39 13-0129	EA		300 HP, 10,043 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	222,481.20	3,972.31
23 52 39 13-0130	EA		350 HP, 11,716 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	239,792.48	4,475.84
23 52 39 13-0131	EA		400 HP, 13,390 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	267,548.06	4,979.37
23 52 39 13-0132	EA		500 HP, 16,738 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	324,219.02	5,482.91
23 52 39 13-0133	EA		600 HP, 20,085 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	379,513.30	5,986.44
23 52 39 13-0134	EA		700 HP, 23,433 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	432,451.11	6,489.97

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0135 EA 800 HP, 26,780 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	483,247.41	6,993.50
23 52 39 13-0136 EA 900 HP, 30,128 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	754,191.19	7,497.03
23 52 39 13-0137 EA 1,000 HP, 33,476 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	820,665.62	8,000.57
23 52 39 13-0138 150 PSI Steam Scotch Marine Boilers <small>(23 52 39 13)</small> Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH gross rated output.		
23 52 39 13-0139 150 PSI Gas Fired Steam Scotch Marine Boilers <small>(23 52 39 13-0138)</small>		
23 52 39 13-0140 EA 40 HP, 1,339 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	86,941.46	1,342.75
23 52 39 13-0141 EA 50 HP, 1,674 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	94,432.23	1,454.65
23 52 39 13-0142 EA 60 HP, 2,009 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	98,503.89	1,678.44
23 52 39 13-0143 EA 70 HP, 2,343 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	103,182.88	1,790.34
23 52 39 13-0144 EA 80 HP, 2,678 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	107,983.33	1,902.23
23 52 39 13-0145 EA 90 HP, 3,013 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	111,320.92	1,958.18
23 52 39 13-0146 EA 100 HP, 3,348 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	117,570.58	2,014.13
23 52 39 13-0147 EA 125 HP, 4,184 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	132,973.86	2,237.92
23 52 39 13-0148 EA 150 HP, 5,021 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	151,181.75	2,461.71
23 52 39 13-0149 EA 175 HP, 5,858 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	165,811.90	2,713.48
23 52 39 13-0150 EA 200 HP, 6,695 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	180,439.76	2,965.24
23 52 39 13-0151 EA 250 HP, 8,369 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	189,967.59	3,468.78
23 52 39 13-0152 EA 300 HP, 10,043 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	231,292.78	3,972.31
23 52 39 13-0153 EA 350 HP, 11,716 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	250,186.30	4,475.84
23 52 39 13-0154 EA 400 HP, 13,390 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	294,907.14	4,979.37
23 52 39 13-0155 EA 500 HP, 16,738 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	358,774.22	5,482.91
23 52 39 13-0156 EA 600 HP, 20,085 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	420,150.22	5,986.44
23 52 39 13-0157 EA 700 HP, 23,433 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	478,913.46	6,489.97
23 52 39 13-0158 EA 800 HP, 26,780 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	535,287.54	6,993.50
23 52 39 13-0159 EA 900 HP, 30,128 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	836,971.43	7,497.03
23 52 39 13-0160 EA 1,000 HP, 33,476 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	910,799.86	8,000.57
23 52 39 13-0161 150 PSI Oil Fired Steam Scotch Marine Boilers <small>(23 52 39 13-0138)</small>		
23 52 39 13-0162 EA 40 HP, 1,339 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	80,482.52	1,342.75
23 52 39 13-0163 EA 50 HP, 1,674 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	87,414.65	1,454.65
23 52 39 13-0164 EA 60 HP, 2,009 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	95,143.40	1,678.44
23 52 39 13-0165 EA 70 HP, 2,343 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	99,223.43	1,790.34
23 52 39 13-0166 EA 80 HP, 2,678 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	103,295.34	1,902.23
23 52 39 13-0167 EA 90 HP, 3,013 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	107,148.38	1,958.18
23 52 39 13-0168 EA 100 HP, 3,348 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	114,898.31	2,014.13
23 52 39 13-0169 EA 125 HP, 4,184 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	133,097.68	2,237.92
23 52 39 13-0170 EA 150 HP, 5,021 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	151,322.85	2,461.71
23 52 39 13-0171 EA 175 HP, 5,858 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	165,967.40	2,713.48
23 52 39 13-0172 EA 200 HP, 6,695 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	180,609.66	2,965.24
23 52 39 13-0173 EA 250 HP, 8,369 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	190,143.24	3,468.78
23 52 39 13-0174 EA 300 HP, 10,043 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	231,508.75	3,972.31
23 52 39 13-0175 EA 350 HP, 11,716 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	250,419.55	4,475.84
23 52 39 13-0176 EA 400 HP, 13,390 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	295,183.58	4,979.37

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 50 Central Heating Equipment

23 52 Heating Boilers

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0177	EA		500 HP, 16,738 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	359,111.14	5,482.91
23 52 39 13-0178	EA		600 HP, 20,085 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	420,547.60	5,986.44
23 52 39 13-0179	EA		700 HP, 23,433 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	479,365.56	6,489.97
23 52 39 13-0180	EA		800 HP, 26,780 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	535,794.35	6,993.50
23 52 39 13-0181	EA		900 HP, 30,128 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	837,777.46	7,497.03
23 52 39 13-0182	EA		1,000 HP, 33,476 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	911,680.67	8,000.57

23 52 39 13-0183 150 PSI Gas/Oil Fired Steam Scotch Marine Boilers (23 52 39 13-0138)

23 52 39 13-0184	EA		40 HP, 1,339 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	89,766.35	1,342.75
23 52 39 13-0185	EA		50 HP, 1,674 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	97,499.01	1,454.65
23 52 39 13-0186	EA		60 HP, 2,009 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	102,313.60	1,678.44
23 52 39 13-0187	EA		70 HP, 2,343 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	106,687.36	1,790.34
23 52 39 13-0188	EA		80 HP, 2,678 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	111,052.98	1,902.23
23 52 39 13-0189	EA		90 HP, 3,013 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	115,202.63	1,958.18
23 52 39 13-0190	EA		100 HP, 3,348 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	119,350.17	2,014.13
23 52 39 13-0191	EA		125 HP, 4,184 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	138,272.33	2,237.92
23 52 39 13-0192	EA		150 HP, 5,021 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	157,217.39	2,461.71
23 52 39 13-0193	EA		175 HP, 5,858 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	172,429.23	2,713.48
23 52 39 13-0194	EA		200 HP, 6,695 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	187,641.64	2,965.24
23 52 39 13-0195	EA		250 HP, 8,369 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	197,489.10	3,468.78
23 52 39 13-0196	EA		300 HP, 10,043 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	240,493.10	3,972.31
23 52 39 13-0197	EA		350 HP, 11,716 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	260,106.53	4,475.84
23 52 39 13-0198	EA		400 HP, 13,390 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	306,653.03	4,979.37
23 52 39 13-0199	EA		500 HP, 16,738 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	373,163.59	5,482.91
23 52 39 13-0200	EA		600 HP, 20,085 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	437,070.75	5,986.44
23 52 39 13-0201	EA		700 HP, 23,433 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	498,258.61	6,489.97
23 52 39 13-0202	EA		800 HP, 26,780 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	556,953.65	6,993.50
23 52 39 13-0203	EA		900 HP, 30,128 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	871,435.49	7,497.03
23 52 39 13-0204	EA		1,000 HP, 33,476 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	948,330.16	8,000.57

23 53 Heating Boiler Feedwater Equipment (23 50)

23 53 13 Boiler Feedwater Pumps (23 53)

See CSI section 23 53 16 00-0001 for boiler feedwater units.

23 53 16 Deaerators (23 53)

23 53 16 00-0001 Boiler Feed System (23 53 16)

23 53 16 00-0002 Low Pressure Boiler Feed System (23 53 16 00-0001)

Note: With deaerator includes pumps and accessories.

23 53 16 00-0003	EA		20 HP, 200 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System 6,718.20	1,336.52
23 53 16 00-0004	EA		34 HP, 340 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System 7,267.21	1,574.57
23 53 16 00-0005	EA		54 HP, 530 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System 7,799.66	1,629.72
23 53 16 00-0006	EA		67 HP, 660 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System 8,049.73	1,689.52
23 53 16 00-0007	EA		78 HP, 760 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System 8,519.95	1,805.64
23 53 16 00-0008	EA		104 HP, 1,020 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System 13,528.69	1,956.60
23 53 16 00-0009	EA		158 HP, 1,550 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System 15,251.84	2,090.14
23 53 16 00-0010	EA		219 HP, 2,150 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System 17,482.68	2,380.43
23 53 16 00-0011	EA		254 HP, 2,500 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System 19,231.97	2,554.61
23 53 16 00-0012	EA		305 HP, 3,000 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System 20,717.81	2,728.79

23 53 16 00-0013 High Pressure Boiler Feed System (23 53 16 00-0001)

Note: With deaerator includes pumps and accessories.

23 53 16 00-0014	EA		10 HP, 100 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System 9,247.25	1,139.47
23 53 16 00-0015	EA		20 HP, 200 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System 9,650.29	1,336.52
23 53 16 00-0016	EA		34 HP, 340 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System 10,749.18	1,574.57
23 53 16 00-0017	EA		54 HP, 530 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System 11,609.40	1,629.72

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 53 16 00-0018	EA		67 HP, 660 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	11,815.11	1,689.52
23 53 16 00-0019	EA		78 HP, 760 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	14,237.93	1,805.64
23 53 16 00-0020	EA		104 HP, 1,020 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	18,485.33	1,956.60
23 53 16 00-0021	EA		158 HP, 1,550 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	18,971.85	2,090.14
23 53 16 00-0022	EA		183 HP, 1,800 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	20,862.59	2,238.31
23 53 16 00-0023	EA		219 HP, 2,150 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	22,447.13	2,380.43
23 53 16 00-0024	EA		254 HP, 2,500 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	24,013.01	2,554.61
23 53 16 00-0025	EA		305 HP, 3,000 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	25,905.11	2,728.79

23 53 16 00-0026 Boiler Feedwater System (23 53 16)

Note: With deaerator includes pumps and accessories.

23 53 16 00-0027	EA		1,380 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	11,569.73	1,574.57
23 53 16 00-0028	EA		2,600 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	15,061.19	1,803.90
23 53 16 00-0029	EA		4,300 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	19,850.17	2,064.59
23 53 16 00-0030	EA		6,900 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	23,870.73	2,381.59
23 53 16 00-0031	EA		8,500 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	25,336.41	2,554.61
23 53 16 00-0032	EA		11,000 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	26,732.52	2,728.79
23 53 16 00-0033	EA		13,800 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	29,768.32	3,135.33
23 53 16 00-0034	EA		17,250 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	38,461.06	3,599.91
23 53 16 00-0035	EA		20,700 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	49,890.66	4,159.61
23 53 16 00-0036	EA		27,600 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	63,127.19	4,774.80
23 53 16 00-0037	EA		34,500 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	80,847.80	5,493.58

23 53 16 00-0038 Duplex Vacuum Condensate Pumps (23 53 16)

23 53 16 00-0039	EA		7 CFM, 15 GPM, 45 Gallon Duplex Vacuum Condensate Pump.....	31,904.74	928.95
Note: Two 3/4 HP vacuum pumps rated for 7 CFM, two 3/4 HP condensate pumps rated for 15 GPM at 20 PSI and 45 GAL cast iron receiver. Skidmore JVC-7-45-102.					
23 53 16 00-0040	EA		9 CFM, 30 GPM, 45 Gallon Duplex Vacuum Condensate Pump.....	32,623.99	987.01
Note: Two 1 HP vacuum pumps rated for 9 CFM, two 3/4 HP condensate pumps rated for 30 GPM at 15 PSI and 45 GAL cast iron receiver. Skidmore JVC-9-45-201.5.					
23 53 16 00-0041	EA		12 CFM, 45 GPM, 45 Gallon Duplex Vacuum Condensate Pump.....	33,452.90	1,045.07
Note: Two 1-1/2 HP vacuum pumps rated for 12 CFM, two 1 HP condensate pumps rated for 45 GPM at 15 PSI and 45 GAL cast iron receiver. Skidmore JVC-12-45-301.5.					
23 53 16 00-0042	EA		18 CFM, 37.5 GPM, 65 Gallon Duplex Vacuum Condensate Pump.....	32,190.21	1,103.13
Note: Two 2 HP vacuum pumps rated for 18 CFM, two 1 HP condensate pumps rated for 37.5 GPM at 20 PSI and 65 GAL cast iron receiver. Skidmore JVC-18-65-252.					
23 53 16 00-0043	EA		28 CFM, 60 GPM, 110 Gallon Duplex Vacuum Condensate Pump.....	43,883.52	1,161.19
Note: Two 3 HP vacuum pumps rated for 28 CFM, two 1-1/2 HP condensate pumps rated for 60 GPM at 20 PSI and 110 GAL cast iron receiver. Skidmore JVC-28-110-402.					
23 53 16 00-0044	EA		42 CFM, 75 GPM, 110 Gallon Duplex Vacuum Condensate Pump.....	46,192.83	1,219.25
Note: Two 5 HP vacuum pumps rated for 42 CFM, two 2 HP condensate pumps rated for 75 GPM at 20 PSI and 110 GAL cast iron receiver. Skidmore JVC-42-110-502.					

23 54 Furnaces (23 50)

Note: All units based on output. See CSI section 23 84 13 00-0000 for humidifiers.

23 54 13 Electric-Resistance Furnaces (23 54)
23 54 13 00-0001 Down Flow Multi-Speed Air Handler/Electric Furnace (23 54 13)

23 54 13 00-0002	EA		Up To 2 Ton Down Flow Multi-Speed Air Handler/Electric Furnace	1,195.91	109.73
Note: Excludes cooling equipment.					
23 54 13 00-0003	EA		>2 To 3.5 Ton Down Flow Multi-Speed Air Handler/Electric Furnace	1,581.05	137.16
Note: Excludes cooling equipment.					
23 54 13 00-0004	EA		>3.5 To 5 Ton Down Flow Multi-Speed Air Handler/Electric Furnace	2,047.31	164.60
Note: Excludes cooling equipment.					

23 54 13 00-0005 Up/Horizontal Flow Multi-Speed Air Handler/Electric Furnace (23 54 13)

23 54 13 00-0006	EA		Up To 2 Ton Up/Horizontal Flow Multi-Speed Air Handler/Electric Furnace.....	1,195.91	109.73
Note: Excludes cooling equipment.					
23 54 13 00-0007	EA		>2 To 2.5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace	1,431.57	123.44
Note: Excludes cooling equipment.					
23 54 13 00-0008	EA		>2.5 To 3 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace	1,564.15	137.16
Note: Excludes cooling equipment.					
23 54 13 00-0009	EA		>3 To 3.5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace.....	1,635.92	150.89
Note: Excludes cooling equipment.					
23 54 13 00-0010	EA		>3.5 To 5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace	2,047.31	164.60
Note: Excludes cooling equipment.					

23 54 13 00-0011 Heating Coil For Air Handler/Electric Furnace (23 54 13)

23 54 13 00-0012	EA		5 KW Heating Coil For Air Handler/Electric Furnace	207.39	28.62
23 54 13 00-0013	EA		7 KW Heating Coil For Air Handler/Electric Furnace	237.41	31.48
23 54 13 00-0014	EA		10 KW Heating Coil For Air Handler/Electric Furnace	257.30	34.34
23 54 13 00-0015	EA		15 KW Heating Coil For Air Handler/Electric Furnace	353.24	37.20
23 54 13 00-0016	EA		20 KW Heating Coil For Air Handler/Electric Furnace	381.57	40.06

23 54 16 Fuel-Fired Furnaces (23 54)
23 54 16 13 Gas-Fired Furnaces (23 54 16)
23 54 16 13-0001 Natural Gas Fired Forced Air Furnaces (23 54 16 13)

Note: Excludes flue, condenser, evaporator coil, piping, thermostat, ductwork and electrical connections.

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 54 Furnaces**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 54 16 13-0002			Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace <small>(23 54 16 13-0001)</small>		
23 54 16 13-0003	EA		40 MBH, 800 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 3 tons.	1,891.27	96.01
23 54 16 13-0004	EA		60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 3 tons.	2,013.72	109.73
23 54 16 13-0005	EA		80 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace..... Note: Blower cooling capacity up to 4 tons.	2,323.73	123.44
23 54 16 13-0006	EA		100 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	2,715.64	150.89
23 54 16 13-0007	EA		120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	2,897.23	164.60
23 54 16 13-0008			Up/Horizontal Flow Variable Speed, Two Stage 95% AFUE Gas Furnace <small>(23 54 16 13-0001)</small>		
23 54 16 13-0009	EA		40 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	2,107.54	96.01
23 54 16 13-0010	EA		60 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	2,307.73	109.73
23 54 16 13-0011	EA		80 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	2,446.69	123.44
23 54 16 13-0012	EA		80 MBH, 1,600 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3.5 tons.	2,953.11	137.16
23 54 16 13-0013	EA		100 MBH, 2,000 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,886.30	150.89
23 54 16 13-0014	EA		120 MBH, 2,000 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	3,042.54	164.60
23 54 16 13-0015			Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace <small>(23 54 16 13-0001)</small>		
23 54 16 13-0016	EA		45 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,854.01	96.01
23 54 16 13-0017	EA		70 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	2,128.56	109.73
23 54 16 13-0018	EA		90 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	2,305.86	137.16
23 54 16 13-0019	EA		90 MBH, 2,000 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,462.12	150.89
23 54 16 13-0020			Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace <small>(23 54 16 13-0001)</small>		
23 54 16 13-0021	EA		40 MBH, 1,200 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 4 tons.	2,438.72	96.01
23 54 16 13-0022	EA		60 MBH, 1,200 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 3 tons.	2,567.95	109.73
23 54 16 13-0023	EA		80 MBH, 1,600 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 4 tons.	2,859.36	123.44
23 54 16 13-0024	EA		100 MBH, 2,000 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 4 tons.	3,121.17	150.89
23 54 16 13-0025	EA		120 MBH, 2,000 CFM Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	3,345.00	164.60
23 54 16 13-0026			Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace <small>(23 54 16 13-0001)</small>		
23 54 16 13-0027	EA		40 MBH, 800 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 3 tons.	1,685.11	96.01
23 54 16 13-0028	EA		60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 3 tons.	1,775.48	109.73
23 54 16 13-0029	EA		80 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 3 tons.	1,980.72	123.44
23 54 16 13-0030	EA		80 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 4 tons.	1,997.62	123.44
23 54 16 13-0031	EA		80 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	2,179.20	137.16
23 54 16 13-0032	EA		100 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	2,296.59	150.89
23 54 16 13-0033	EA		120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	2,434.25	164.60
23 54 16 13-0034			Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace <small>(23 54 16 13-0001)</small>		
23 54 16 13-0035	EA		40 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace..... Note: Blower cooling capacity up to 3 tons.	1,166.37	96.01
23 54 16 13-0036	EA		60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace..... Note: Blower cooling capacity up to 3 tons.	1,275.32	109.73
23 54 16 13-0037	EA		60 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace..... Note: Blower cooling capacity up to 4 tons.	1,458.60	123.44
23 54 16 13-0038	EA		80 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace..... Note: Blower cooling capacity up to 4 tons.	1,460.29	123.44
23 54 16 13-0039	EA		80 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	1,603.02	137.16
23 54 16 13-0040	EA		100 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	1,644.37	150.89
23 54 16 13-0041	EA		120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	1,827.65	164.60

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 54 16 13-0042	Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace (23 54 16 13-0001)		
23 54 16 13-0043 EA	40 MBH, 1,200 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace.....	1,183.27	96.01
	Note: Blower cooling capacity up to 3 tons.		
23 54 16 13-0044 EA	60 MBH, 1,200 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace.....	1,280.39	109.73
	Note: Blower cooling capacity up to 3 tons.		
23 54 16 13-0045 EA	80 MBH, 1,600 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace.....	1,534.64	123.44
	Note: Blower cooling capacity up to 4 tons.		
23 54 16 13-0046 EA	100 MBH, 2,000 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace.....	1,689.19	137.16
	Note: Blower cooling capacity up to 5 tons.		

23 54 16 13-0047	75% AFUE Gas Wall/Recessed Furnace (23 54 16 13-0001)		
23 54 16 13-0048 EA	35 MBH 75% AFUE Electronic Ignition Gas Wall/Recessed Furnace.....	2,020.51	82.30
23 54 16 13-0049 EA	55 MBH 75% AFUE Electronic Ignition Gas Wall/Recessed Furnace.....	2,330.90	102.93
23 54 16 13-0050 EA	35 MBH 75% AFUE Gas Wall/Recessed Furnace.....	1,826.19	82.30
23 54 16 13-0051 EA	40 MBH 75% AFUE Gas Wall/Recessed Furnace.....	1,951.62	89.21
23 54 16 13-0052 EA	50 MBH 75% AFUE Gas Wall/Recessed Furnace.....	1,933.43	96.01
23 54 16 13-0053 EA	65 MBH 75% AFUE Gas Wall/Recessed Furnace.....	1,991.36	102.93
23 54 16 13-0054 EA	75 MBH 75% AFUE Gas Wall/Recessed Furnace.....	2,062.45	102.93

23 54 16 13-0055	Gas Fired Indoor Duct Furnace (23 54 16 13-0001)		
	Note: Includes burner, controls and electronic ignition.		

23 54 16 13-0056	Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace (23 54 16 13-0055)		
23 54 16 13-0057 EA	100 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace.....	2,496.60	213.98
23 54 16 13-0058 EA	150 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace.....	2,777.87	263.36
23 54 16 13-0059 EA	200 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace.....	3,143.18	378.57
23 54 16 13-0060 EA	250 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace.....	3,545.02	427.95
23 54 16 13-0061 EA	300 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace.....	4,132.54	493.80
23 54 16 13-0062 EA	350 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace.....	4,535.08	592.56
23 54 16 13-0063 EA	400 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace.....	5,159.32	790.08

23 54 16 13-0064	Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace (23 54 16 13-0055)		
	Note: Includes burner, controls and electronic ignition.		

23 54 16 13-0065 EA	100 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace.....	2,799.51	213.98
23 54 16 13-0066 EA	150 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace.....	3,076.26	263.36
23 54 16 13-0067 EA	200 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace.....	3,553.09	378.57
23 54 16 13-0068 EA	250 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace.....	4,028.78	427.95
23 54 16 13-0069 EA	300 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace.....	4,967.44	493.80
23 54 16 13-0070 EA	350 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace.....	5,440.81	592.56
23 54 16 13-0071 EA	400 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace.....	6,015.32	790.08

23 54 16 16 Oil-Fired Furnaces (23 54 16)

23 54 16 16-0001	Oil Fired Forced Air Furnaces (23 54 16 16)		
	Note: Excludes flue, condenser, evaporator coil, piping, thermostat, ductwork and electrical connections.		

23 54 16 16-0002	Up Flow Single Speed, One Stage 81% AFUE Oil Furnace (23 54 16 16-0001)		
23 54 16 16-0003 EA	72 MBH, 1,220 CFM Up Flow Single Speed, One Stage 84% AFUE Oil Furnace.....	3,264.10	109.73
	Note: Blower cooling capacity up to 3 tons.		
23 54 16 16-0004 EA	95 MBH, 1,590 CFM Up Flow Single Speed, One Stage 83% AFUE Oil Furnace.....	3,465.86	150.89
	Note: Blower cooling capacity up to 4 tons.		
23 54 16 16-0005 EA	126 MBH, 1,835 CFM Up Flow Single Speed, One Stage 83% AFUE Oil Furnace.....	3,999.71	178.32
	Note: Blower cooling capacity up to 5 tons.		

23 54 16 16-0006	Down/Horizontal Flow Single Speed, One Stage 81% AFUE Oil Furnace (23 54 16 16-0001)		
23 54 16 16-0007 EA	95 MBH, 1,210 CFM Down/Horizontal Flow Single Speed, One Stage 83% AFUE Oil Furnace.....	3,780.15	150.89
	Note: Blower cooling capacity up to 3 tons.		
23 54 16 16-0008 EA	126 MBH, 2,005 CFM Down/Horizontal Flow Single Speed, One Stage 84% AFUE Oil Furnace.....	3,808.77	178.32
	Note: Blower cooling capacity up to 5 tons.		

23 54 16 16-0009	Up Flow Lowboy Single Speed, One Stage 81% AFUE Oil Furnace (23 54 16 16-0001)		
23 54 16 16-0010 EA	95 MBH, 1,550 CFM Up Flow Lowboy Single Speed, One Stage 83% AFUE Oil Furnace.....	3,266.48	150.89
	Note: Blower cooling capacity up to 4 tons.		
23 54 16 16-0011 EA	127 MBH, 2,130 CFM Up Flow Lowboy Single Speed, One Stage 83% AFUE Oil Furnace.....	3,878.05	178.32
	Note: Blower cooling capacity up to 5 tons.		

23 54 19 Furnace Accessories (23 54)

23 54 19 00-0001 EA	LP Gas Furnace Conversion Kit.....	196.62	27.43
23 54 19 00-0002 EA	1" Furnace External Filter Rack.....	60.24	
23 54 19 00-0003 EA	Removal And Reinstallation Of Forced Air Furnace.....	508.02	
	Note: Includes storage and cleaning. Excludes ductwork.		

23 55 Fuel-Fired Heaters (23 50)

23 55 23 Gas-Fired Radiant Heaters (23 55)

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 55 Fuel-Fired Heaters**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
23 55 23 13 Low-Intensity Gas-Fired Radiant Heaters (23 55 23)

23 55 23 13-0001	Infrared Heaters-Radiant Energy (23 55 23 13)		
	Note: For spot localized or total heating, ceiling hung units, no fan required.		
23 55 23 13-0002	Gas Fired Electric Ignition Infrared Gas Heater (23 55 23 13-0001)		
	Note: Ceramic combustion, surface chromized wire screen aluminized steel housing and polished aluminum reflector.		
23 55 23 13-0003	EA 15,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan.....	925.39	116.12
23 55 23 13-0004	EA 37,500 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan.....	1,025.97	127.73
23 55 23 13-0005	EA 50,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan.....	1,095.11	127.73
23 55 23 13-0006	EA 75,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan.....	1,371.75	153.28
23 55 23 13-0007	EA 100,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan.....	1,383.40	153.28

23 55 23 13-0008 Rolled Steel Or Aluminum Housing Infrared Electric Heater (23 55 23 13-0001)

Note: Anodized aluminum reflector and quartz/tungsten tubular element with an inner heavy-duty coiled element.

23 55 23 13-0009	EA 1,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,025.61	120.70
	For Stainless Steel Housing, Add	164.96	
23 55 23 13-0010	EA 3,200 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,096.66	120.70
	For Stainless Steel Housing, Add	182.72	
23 55 23 13-0011	EA 5,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,177.87	120.70
	For Stainless Steel Housing, Add	203.02	
23 55 23 13-0012	EA 7,300 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,275.51	120.70
	For Stainless Steel Housing, Add	227.43	
23 55 23 13-0013	EA 10,950 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required.....	1,392.28	131.67
	For Stainless Steel Housing, Add	253.42	
23 55 23 13-0014	EA 13,500 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required.....	1,487.08	142.65
	For Stainless Steel Housing, Add	272.92	
23 55 23 13-0015	EA 24,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required.....	2,388.76	153.63
	For Stainless Steel Housing, Add	487.35	

23 55 23 13-0016 Gas Fired Tubular Infrared Heater (23 55 23 13-0001)

Note: Per Tube Length. Includes controls and supports.

23 55 23 13-0017	"U" Package (23 55 23 13-0016)		
23 55 23 13-0018	LF Up To 75 MBH Input Radiant Heater	91.87	5.80
23 55 23 13-0019	LF 76 To 105 MBH Input Radiant Heater.....	105.98	6.97
23 55 23 13-0020	LF 106 To 130 MBH Input Radiant Heater.....	129.58	8.13

23 55 23 13-0021 "S" Straight Package (23 55 23 13-0016)

23 55 23 13-0022	LF Up To 75 MBH Input Radiant Heater	74.66	4.64
23 55 23 13-0023	LF 76 To 105 MBH Input Radiant Heater	95.06	5.80
23 55 23 13-0024	LF 106 To 130 MBH Input Radiant Heater.....	115.46	6.97

23 55 33 Fuel-Fired Unit Heaters (23 55)**23 55 33 13 Oil-Fired Unit Heaters (23 55 33)**

23 55 33 13-0001	Oil Fired Unit Heater (23 55 33 13)		
23 55 33 13-0002	Horizontal Fan Propelled Oil Fired Unit Heater, 115 Volt (23 55 33 13-0001)		
23 55 33 13-0003	EA 97 MBH Output, 2,000 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	8,085.74	534.72
23 55 33 13-0004	EA 142 MBH Output, 3,200 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt.....	8,673.70	588.19
23 55 33 13-0005	EA 188 MBH Output, 3,200 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt.....	9,316.52	641.66

23 55 33 16 Gas-Fired Unit Heaters (23 55 33)

23 55 33 16-0001	Gas Fired Unit Heaters (23 55 33 16)		
23 55 33 16-0002	Horizontal Fan Propelled Gas Fired Unit Heaters, 115 Volt (23 55 33 16-0001)		
23 55 33 16-0003	EA 24.3 MBH Output, 30 MBH Input, 500 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,022.59	200.52
23 55 33 16-0004	EA 36.5 MBH Output, 45 MBH Input, 750 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,214.23	240.63
23 55 33 16-0005	EA 48.6 MBH Output, 60 MBH Input, 1,000 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,248.19	240.63
23 55 33 16-0006	EA 60.8 MBH Output, 75 MBH Input, 1,250 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,456.19	280.73
23 55 33 16-0007	EA 72.9 MBH Output, 90 MBH Input, 1,400 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,702.19	320.84
23 55 33 16-0008	EA 81 MBH Output, 100 MBH Input, 1,600 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,899.94	340.88
23 55 33 16-0009	EA 101.3 MBH Output, 125 MBH Input, 2,200 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt.....	2,985.59	340.88
23 55 33 16-0010	EA 121.5 MBH Output, 150 MBH Input, 2,400 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt.....	2,912.19	340.88
23 55 33 16-0011	EA 141.8 MBH Output, 175 MBH Input, 2,850 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt.....	3,462.00	360.94
23 55 33 16-0012	EA 162 MBH Output, 200 MBH Input, 3,200 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	3,796.37	360.94
23 55 33 16-0013	EA 202.5 MBH Output, 250 MBH Input, 3,450 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt.....	4,073.65	360.94
23 55 33 16-0014	EA 243 MBH Output, 300 MBH Input, 5,000 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	4,868.94	401.05
23 55 33 16-0015	EA 283.5 MBH Output, 350 MBH Input, 5,600 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt.....	5,496.90	401.05
23 55 33 16-0016	EA 324 MBH Output, 400 MBH Input, 5,800 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	5,897.81	441.15

23 55 33 16-0017 Removal And Reinstallation Of Unit Heaters (23 55 33 16)

Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.

23 55 33 16-0018	EA Removal And Reinstallation Of Up To 101.3 MBH Output Gas or Oil Unit Heater.....	667.68	
23 55 33 16-0019	EA Removal And Reinstallation Of >101.3 MBH Output Gas or Oil Unit Heater	899.92	

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 57 Heat Exchangers for HVAC (23 50)

23 57 13 Steam-To-Steam Heat Exchangers (23 57)

23 57 13 00-0001 Steam Generator Heat Exchanger (23 57 13)

Note: 35 PSI generated steam using 180 degree feed water; 400 degree F water to valve.

23 57 13 00-0002	EA	75 LB/Hour Steam Generator Heat Exchanger, 35 PSI.....	21,209.72	1,857.90
23 57 13 00-0003	EA	300 LB/Hour Steam Generator Heat Exchanger, 35 PSI.....	28,646.82	1,974.02
23 57 13 00-0004	EA	525 LB/Hour Steam Generator Heat Exchanger, 35 PSI.....	38,631.84	2,447.49

23 57 16 Steam-To-Water Heat Exchangers (23 57)

23 57 16 00-0001 Heat Exchanger, Hot Water 40 To 180 Degree By Steam 10 PSI (23 57 16)

Note: Cast iron head steel shell 4 pass 3/4" outside diameter copper tubes. Excludes controls expansion tank and accessories.

23 57 16 00-0002	EA	8 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	2,470.17	290.30
		<i>For Bronze Head And Tube Sheet, Add</i>	937.40	
		<i>For Copper Nickel Tubes, Add</i>	208.31	
		<i>For Double Wall Tube Bundles, Add</i>	312.47	
23 57 16 00-0003	EA	10 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	3,618.88	290.30
		<i>For Bronze Head And Tube Sheet, Add</i>	1,419.48	
		<i>For Copper Nickel Tubes, Add</i>	315.44	
		<i>For Double Wall Tube Bundles, Add</i>	473.16	
23 57 16 00-0004	EA	40 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	5,460.98	406.42
		<i>For Bronze Head And Tube Sheet, Add</i>	2,196.18	
		<i>For Copper Nickel Tubes, Add</i>	488.04	
		<i>For Double Wall Tube Bundles, Add</i>	732.06	
23 57 16 00-0005	EA	64 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	8,600.81	406.42
		<i>For Bronze Head And Tube Sheet, Add</i>	3,347.83	
		<i>For Copper Nickel Tubes, Add</i>	743.96	
		<i>For Double Wall Tube Bundles, Add</i>	1,115.94	
23 57 16 00-0006	EA	96 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	11,331.30	478.41
		<i>For Bronze Head And Tube Sheet, Add</i>	4,445.92	
		<i>For Copper Nickel Tubes, Add</i>	987.98	
		<i>For Double Wall Tube Bundles, Add</i>	1,481.97	
23 57 16 00-0007	EA	120 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	14,901.18	606.75
		<i>For Bronze Head And Tube Sheet, Add</i>	5,838.62	
		<i>For Copper Nickel Tubes, Add</i>	1,297.47	
		<i>For Double Wall Tube Bundles, Add</i>	1,946.21	
23 57 16 00-0008	EA	168 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	18,395.45	910.69
		<i>For Bronze Head And Tube Sheet, Add</i>	7,150.97	
		<i>For Copper Nickel Tubes, Add</i>	1,589.10	
		<i>For Double Wall Tube Bundles, Add</i>	2,383.66	
23 57 16 00-0009	EA	240 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	27,889.58	910.69
		<i>For Bronze Head And Tube Sheet, Add</i>	11,141.58	
		<i>For Copper Nickel Tubes, Add</i>	2,475.91	
		<i>For Double Wall Tube Bundles, Add</i>	3,713.86	

23 57 19 Liquid-To-Liquid Heat Exchangers (23 57)

23 57 19 13 Plate-Type, Liquid-To-Liquid Heat Exchangers (23 57 19)

23 57 19 13-0001 Plate And Frame Heat Exchanger (23 57 19 13)

23 57 19 13-0002	EA	8" W x 18-7/8"H Plate And Frame Heat Exchanger.....	3,896.39	290.30
23 57 19 13-0003	EA	8" W x 24-9/16"H Plate And Frame Heat Exchanger.....	5,190.36	290.30
23 57 19 13-0004	EA	11-3/16" W x 34-11/16"H Plate And Frame Heat Exchanger.....	6,923.88	348.36
23 57 19 13-0005	EA	16-3/4" W x 46-1/4"H Plate And Frame Heat Exchanger.....	9,408.22	377.39
23 57 19 13-0006	EA	16-1/2" W x 49-5/8"H Plate And Frame Heat Exchanger.....	10,297.83	377.39
23 57 19 13-0007	EA	24" W x 57-11/16"H Plate And Frame Heat Exchanger.....	13,429.13	406.42
23 57 19 13-0008	EA	26-5/16" W x 56-5/8"H Plate And Frame Heat Exchanger.....	14,156.99	406.42
23 57 19 13-0009	EA	24-1/4" W x 68-3/8"H Plate And Frame Heat Exchanger.....	17,507.94	464.48
23 57 19 13-0010	EA	24" W x 69-11/16"H Plate And Frame Heat Exchanger.....	21,425.01	522.53
23 57 19 13-0011	EA	26-5/16" W x 68-3/4"H Plate And Frame Heat Exchanger.....	22,233.74	522.53
23 57 19 13-0012	EA	24" W x 89-13/16"H Plate And Frame Heat Exchanger.....	27,535.97	614.72
23 57 19 13-0013	EA	26-5/16" W x 88-9/16"H Plate And Frame Heat Exchanger.....	33,241.27	676.08
23 57 19 13-0014	EA	40-13/16" W x 89-1/4"H Plate And Frame Heat Exchanger.....	38,380.30	737.44

23 57 19 19 Copper Tube, Water-To-Water Heat Exchanger (23 57 19)

23 57 19 19-0001 Heat Exchanger Hot Water 40-140 Degree By Water At 200 Degree F (23 57 19)

Note: Cast iron head steel shell 4 pass 3/4" outside diameter copper tubes.

23 57 19 19-0002	EA	7 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	2,946.30	290.30
		<i>For Copper Nickel Tubes, Add</i>	255.92	
		<i>For Double Wall Tube Bundles, Add</i>	383.88	
23 57 19 19-0003	EA	16 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	4,095.02	290.30
		<i>For Copper Nickel Tubes, Add</i>	363.05	
		<i>For Double Wall Tube Bundles, Add</i>	544.58	
23 57 19 19-0004	EA	34 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	6,115.67	406.42
		<i>For Copper Nickel Tubes, Add</i>	553.51	
		<i>For Double Wall Tube Bundles, Add</i>	830.26	
23 57 19 19-0005	EA	55 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	8,749.40	406.42
		<i>For Copper Nickel Tubes, Add</i>	797.53	
		<i>For Double Wall Tube Bundles, Add</i>	1,196.29	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 50 Central Heating Equipment

23 57 Heat Exchangers for HVAC



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 57 19 19-0006	EA	74 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	10,830.02	464.48
		<i>For Copper Nickel Tubes, Add</i>	982.03	
		<i>For Double Wall Tube Bundles, Add</i>	1,473.05	
23 57 19 19-0007	EA	86 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	14,435.07	464.48
		<i>For Copper Nickel Tubes, Add</i>	1,321.28	
		<i>For Double Wall Tube Bundles, Add</i>	1,981.92	
23 57 19 19-0008	EA	112 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	17,899.87	455.35
		<i>For Copper Nickel Tubes, Add</i>	1,642.67	
		<i>For Double Wall Tube Bundles, Add</i>	2,464.00	
23 57 19 19-0009	EA	126 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	22,262.72	455.35
		<i>For Copper Nickel Tubes, Add</i>	2,047.39	
		<i>For Double Wall Tube Bundles, Add</i>	3,071.08	
23 57 19 19-0010	EA	152 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	28,464.22	455.35
		<i>For Copper Nickel Tubes, Add</i>	2,618.75	
		<i>For Double Wall Tube Bundles, Add</i>	3,928.12	

23 57 19 23 Refrigerant-To-Water Heat Exchanger (23 57 19)

23 57 19 23-0001	Heat Exchanger Refrigerant To Water (23 57 19 23)			
23 57 19 23-0002	EA	10 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	3,329.26	232.24
		<i>For Copper Nickel Tubes, Add</i>	286.48	
		<i>For Double Wall Tube Bundles, Add</i>	429.72	
23 57 19 23-0003	EA	53 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	8,876.21	387.03
		<i>For Copper Nickel Tubes, Add</i>	810.21	
		<i>For Double Wall Tube Bundles, Add</i>	1,215.31	
23 57 19 23-0004	EA	70 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	11,960.89	504.89
		<i>For Copper Nickel Tubes, Add</i>	1,095.29	
		<i>For Double Wall Tube Bundles, Add</i>	1,642.94	
23 57 19 23-0005	EA	87 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	12,829.06	611.13
		<i>For Copper Nickel Tubes, Add</i>	1,160.93	
		<i>For Double Wall Tube Bundles, Add</i>	1,741.40	
23 57 19 23-0006	EA	105 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	15,476.72	723.21
		<i>For Copper Nickel Tubes, Add</i>	1,400.70	
		<i>For Double Wall Tube Bundles, Add</i>	2,101.05	

23 60 Central Cooling Equipment (23)

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 16-0001 for disconnect.

23 61 Refrigerant Compressors (23 60)

23 61 16 Reciprocating Refrigerant Compressors (23 61)

23 61 16 00-0001	Reciprocating Open Type Refrigerant Compressors (23 61 16)			
	Note: Includes manual reversible oil pump and automatic pressure regulator. Excludes muffler, vibration isolators, crank case oil heaters, couplings and flywheel.			
23 61 16 00-0002	EA	1/4 Ton Refrigerant Compressor, Reciprocating Open Type	620.32	110.08
23 61 16 00-0003	EA	1/3 Ton Refrigerant Compressor, Reciprocating Open Type	730.70	110.08
23 61 16 00-0004	EA	1/2 Ton Refrigerant Compressor, Reciprocating Open Type	988.11	137.56
23 61 16 00-0005	EA	3/4 Ton Refrigerant Compressor, Reciprocating Open Type	1,215.78	137.56
23 61 16 00-0006	EA	1 Ton Refrigerant Compressor, Reciprocating Open Type	1,353.76	137.56
23 61 16 00-0007	EA	1-1/4 Ton Refrigerant Compressor, Reciprocating Open Type	1,372.81	143.12
23 61 16 00-0008	EA	1-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	1,380.86	143.12
23 61 16 00-0009	EA	1-3/4 Ton Refrigerant Compressor, Reciprocating Open Type	1,515.57	154.12
23 61 16 00-0010	EA	2 Ton Refrigerant Compressor, Reciprocating Open Type	1,629.58	165.13
23 61 16 00-0011	EA	2-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	1,775.76	176.14
23 61 16 00-0012	EA	3 Ton Refrigerant Compressor, Reciprocating Open Type	2,012.62	176.14
23 61 16 00-0013	EA	3-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	2,255.40	187.14
23 61 16 00-0014	EA	4 Ton Refrigerant Compressor, Reciprocating Open Type	2,305.04	198.16
23 61 16 00-0015	EA	4-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	2,343.61	203.61
23 61 16 00-0016	EA	5 Ton Refrigerant Compressor, Reciprocating Open Type	3,612.62	1,065.88
23 61 16 00-0017	EA	7.5 Ton Refrigerant Compressor, Reciprocating Open Type	5,373.90	1,218.10
23 61 16 00-0018	EA	10 Ton Refrigerant Compressor, Reciprocating Open Type	7,135.34	1,370.42
23 61 16 00-0019	EA	12.5 Ton Refrigerant Compressor, Reciprocating Open Type	9,367.13	1,484.52
23 61 16 00-0020	EA	15 Ton Refrigerant Compressor, Reciprocating Open Type	11,599.27	1,598.83
23 61 16 00-0021	EA	20 Ton Refrigerant Compressor, Reciprocating Open Type	13,919.13	1,918.59
23 61 16 00-0022	EA	25 Ton Refrigerant Compressor, Reciprocating Open Type	16,703.35	2,062.11
23 61 16 00-0023	EA	30 Ton Refrigerant Compressor, Reciprocating Open Type	19,371.21	2,180.22
23 61 16 00-0024	EA	50 Ton Refrigerant Compressor, Reciprocating Open Type	25,310.08	2,459.76
23 61 16 00-0025	EA	60 Ton Refrigerant Compressor, Reciprocating Open Type	29,776.63	2,524.27
23 61 16 00-0026	EA	70 Ton Refrigerant Compressor, Reciprocating Open Type	37,155.60	2,588.67
23 61 16 00-0027	EA	75 Ton Refrigerant Compressor, Reciprocating Open Type	39,002.99	2,620.98
23 61 16 00-0028	EA	80 Ton Refrigerant Compressor, Reciprocating Open Type	40,773.31	2,653.17
23 61 16 00-0029	EA	90 Ton Refrigerant Compressor, Reciprocating Open Type	44,087.57	2,717.59
23 61 16 00-0030	EA	100 Ton Refrigerant Compressor, Reciprocating Open Type	47,098.28	2,782.20
23 61 16 00-0031	EA	110 Ton Refrigerant Compressor, Reciprocating Open Type	50,391.42	3,094.93
23 61 16 00-0032	EA	120 Ton Refrigerant Compressor, Reciprocating Open Type	52,794.43	3,164.19
23 61 16 00-0033	EA	130 Ton Refrigerant Compressor, Reciprocating Open Type	54,850.55	3,204.48
23 61 16 00-0034	EA	140 Ton Refrigerant Compressor, Reciprocating Open Type	56,689.64	3,303.61
23 61 16 00-0035	EA	150 Ton Refrigerant Compressor, Reciprocating Open Type	58,178.72	3,372.88
23 61 16 00-0036	EA	175 Ton Refrigerant Compressor, Reciprocating Open Type	59,701.77	3,465.30
23 61 16 00-0037	EA	185 Ton Refrigerant Compressor, Reciprocating Open Type	61,141.05	3,502.57
23 61 16 00-0038	EA	200 Ton Refrigerant Compressor, Reciprocating Open Type	62,612.57	3,560.53
23 61 16 00-0039	EA	225 Ton Refrigerant Compressor, Reciprocating Open Type	64,370.67	3,800.66
23 61 16 00-0040	EA	250 Ton Refrigerant Compressor, Reciprocating Open Type	66,071.52	4,005.54

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 61 16 00-0041	Reciprocating Hermetic Type Refrigerant Compressors <small>(23 61 16)</small>		
	Note: Includes automatic reversible oil pump, suction and discharge shut-off valves, device for loading and unloading compressor cylinders and crank case oil heater. Excludes mufflers and vibration isolators.		
23 61 16 00-0042	Reciprocating Hermetic Type Refrigerant Compressors <5 Tons <small>(23 61 16 00-0041)</small>		
23 61 16 00-0043	EA 1/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,046.92	110.08
23 61 16 00-0044	EA 1/3 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,082.11	110.08
23 61 16 00-0045	EA 1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,172.33	137.56
23 61 16 00-0046	EA 3/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,207.50	137.56
23 61 16 00-0047	EA 1 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,225.09	137.56
23 61 16 00-0048	EA 1-1/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,264.24	143.12
23 61 16 00-0049	EA 1-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,302.94	143.12
23 61 16 00-0050	EA 1-3/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,398.84	154.12
23 61 16 00-0051	EA 2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,491.23	165.13
23 61 16 00-0052	EA 2-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,618.76	176.14
23 61 16 00-0053	EA 3 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,689.13	176.14
23 61 16 00-0054	EA 3-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,816.68	187.14
23 61 16 00-0055	EA 4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	2,155.34	198.16
23 61 16 00-0056	EA 4-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	2,359.82	203.61
23 61 16 00-0057	Reciprocating Hermetic Type Refrigerant Compressors <small>(23 61 16 00-0041)</small>		
23 61 16 00-0058	EA 5 Ton Refrigerant Compressor, Reciprocating Hermetic Type	2,980.28	548.17
23 61 16 00-0059	EA 10 Ton Refrigerant Compressor, Reciprocating Hermetic Type	5,651.42	685.21
23 61 16 00-0060	EA 15 Ton Refrigerant Compressor, Reciprocating Hermetic Type	9,420.06	834.18
23 61 16 00-0061	EA 20 Ton Refrigerant Compressor, Reciprocating Hermetic Type	11,994.00	959.29
23 61 16 00-0062	EA 25 Ton Refrigerant Compressor, Reciprocating Hermetic Type	13,246.57	1,065.88
23 61 16 00-0063	EA 30 Ton Refrigerant Compressor, Reciprocating Hermetic Type	14,687.52	1,199.12
23 61 16 00-0064	EA 35 Ton Refrigerant Compressor, Reciprocating Hermetic Type	18,987.33	1,370.42
23 61 16 00-0065	EA 40 Ton Refrigerant Compressor, Reciprocating Hermetic Type	24,399.23	1,370.42
23 61 16 00-0066	EA 50 Ton Refrigerant Compressor, Reciprocating Hermetic Type	30,130.24	1,598.83
23 61 16 00-0067	EA 60 Ton Refrigerant Compressor, Reciprocating Hermetic Type	33,916.55	1,713.03
23 61 16 00-0068	EA 70 Ton Refrigerant Compressor, Reciprocating Hermetic Type	35,834.82	1,795.23
23 61 16 00-0069	EA 75 Ton Refrigerant Compressor, Reciprocating Hermetic Type	36,841.42	1,883.91
23 61 16 00-0070	EA 80 Ton Refrigerant Compressor, Reciprocating Hermetic Type	37,884.90	1,891.22
23 61 16 00-0071	EA 90 Ton Refrigerant Compressor, Reciprocating Hermetic Type	39,795.20	1,980.22
23 61 16 00-0072	EA 100 Ton Refrigerant Compressor, Reciprocating Hermetic Type	41,724.26	2,062.11
23 61 19	Scroll Refrigerant Compressors <small>(23 61)</small>		
23 61 19 00-0001	Scroll Refrigerant Compressors <small>(23 61 19)</small>		
23 61 19 00-0002	EA Up To 3 Ton Scroll Refrigerant Compressor	1,358.80	175.93
23 61 19 00-0003	EA 3.5 Ton Scroll Refrigerant Compressor	1,425.02	187.25
23 61 19 00-0004	EA 4 Ton Scroll Refrigerant Compressor	1,460.58	198.05
23 61 19 00-0005	EA 4.5 Ton Scroll Refrigerant Compressor	1,489.32	203.71
23 61 19 00-0006	EA 5 Ton Scroll Refrigerant Compressor	1,845.66	257.21
23 61 19 00-0007	EA 7.5 Ton Scroll Refrigerant Compressor	3,503.32	385.82
23 61 19 00-0008	EA 8.75 Ton Scroll Refrigerant Compressor	4,009.31	450.12
23 61 19 00-0009	EA 10 Ton Scroll Refrigerant Compressor	4,493.06	514.42
23 61 19 00-0010	EA 12 Ton Scroll Refrigerant Compressor	5,429.61	617.30
23 61 19 00-0011	EA 13.5 Ton Scroll Refrigerant Compressor	6,398.44	694.47
23 61 19 00-0012	EA 15 Ton Scroll Refrigerant Compressor	7,500.27	771.64
23 61 19 00-0013	EA 20 Ton Scroll Refrigerant Compressor	10,564.12	1,028.84
23 61 19 00-0014	EA 25 Ton Scroll Refrigerant Compressor	11,923.32	1,286.05
23 61 19 00-0015	EA 30 Ton Scroll Refrigerant Compressor	12,766.54	1,543.26
23 61 23	Rotary-Screw Refrigerant Compressors <small>(23 61)</small>		
23 61 23 00-0001	Rotary Screw Type Refrigerant Compressors <small>(23 61 23)</small>		
23 61 23 00-0002	EA 75 Ton Refrigerant Compressor, Rotary Screw Type	43,071.65	2,620.98
23 61 23 00-0003	EA 80 Ton Refrigerant Compressor, Rotary Screw Type	44,381.97	2,653.17
23 61 23 00-0004	EA 90 Ton Refrigerant Compressor, Rotary Screw Type	47,222.55	2,717.59
23 61 23 00-0005	EA 100 Ton Refrigerant Compressor, Rotary Screw Type	50,033.50	2,782.20
23 61 23 00-0006	EA 110 Ton Refrigerant Compressor, Rotary Screw Type	53,911.51	3,094.93
23 61 23 00-0007	EA 120 Ton Refrigerant Compressor, Rotary Screw Type	57,204.87	3,164.19
23 61 23 00-0008	EA 130 Ton Refrigerant Compressor, Rotary Screw Type	60,425.62	3,204.48
23 61 23 00-0009	EA 140 Ton Refrigerant Compressor, Rotary Screw Type	63,761.77	3,303.61
23 61 23 00-0010	EA 150 Ton Refrigerant Compressor, Rotary Screw Type	67,058.11	3,372.88
23 61 23 00-0011	EA 170 Ton Refrigerant Compressor, Rotary Screw Type	71,693.32	3,465.30
23 61 23 00-0012	EA 185 Ton Refrigerant Compressor, Rotary Screw Type	74,938.22	3,502.57
23 61 23 00-0013	EA 200 Ton Refrigerant Compressor, Rotary Screw Type	76,449.82	3,560.53
23 61 23 00-0014	EA 215 Ton Refrigerant Compressor, Rotary Screw Type	85,813.29	3,800.66
23 61 23 00-0015	EA 225 Ton Refrigerant Compressor, Rotary Screw Type	95,047.83	4,005.54
23 62	Packaged Compressor and Condenser Units <small>(23 60)</small>		
23 62 13	Packaged Air-Cooled Refrigerant Compressor and Condenser Units <small>(23 62)</small>		

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 60 Central Cooling Equipment****23 62 Packaged Compressor and Condenser Units**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 62 13 00-0001		Combination Direct-Expansion Liquid Cooler And Compressors <small>(23 62 13)</small>	
Note: Shell and tube type. Chilled water temperature rise is 12 degree F. Rated by cooling capacity in tons. Includes power panel, factory wired and installed control panel, pressure and safety switches and gauges for oil pressure and high and low refrigerant pressure, flow switches, phase monitoring, sight glasses and filter dryers, start-up costs and equipment rigging. Units greater than 5 tons include dual compressors. Excludes motor starter, piping or power wiring.			
23 62 13 00-0002	EA	1 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	7,024.88 950.65
23 62 13 00-0003	EA	5 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	15,556.71 1,018.55
23 62 13 00-0004	EA	10 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	27,304.58 1,086.45
23 62 13 00-0005	EA	15 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	32,341.78 1,154.37
23 62 13 00-0006	EA	20 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	38,365.84 1,222.27
23 62 13 00-0007	EA	25 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	42,519.06 1,358.07
23 62 13 00-0008	EA	30 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	43,718.45 1,498.34
23 62 13 00-0009	EA	40 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	47,119.64 1,772.12
23 62 13 00-0010	EA	50 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	50,278.20 1,919.80
23 62 13 00-0011	EA	60 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	57,623.77 2,067.48
23 62 13 00-0012	EA	75 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	65,147.10 2,288.99
23 62 13 00-0013	EA	80 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	68,854.55 2,379.26
23 62 13 00-0014	EA	90 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	77,739.87 2,527.96
23 62 13 00-0015	EA	100 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	84,971.49 2,676.66

23 62 13 00-0016		Direct-Expansion Liquid Cooler Shell And Tube Type <small>(23 62 13)</small>	
Note: For built-up systems. Chilled water temperature rise is 12 degree F. Rated by cooling capacity in tons. Excludes compressors. Includes power panel, factory wired and installed control panel, pressure and safety switches and gauges for oil pressure and high and low refrigerant pressure, flow switches, phase monitoring, sight glasses and filter dryers, start-up costs and equipment rigging. Units greater than 5 tons include dual compressors. Excludes motor starter, piping or power wiring.			
23 62 13 00-0017	EA	1 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	6,706.18 950.65
23 62 13 00-0018	EA	5 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	13,742.77 1,018.55
23 62 13 00-0019	EA	10 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	21,436.22 1,086.45
23 62 13 00-0020	EA	15 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	23,151.63 1,154.37
23 62 13 00-0021	EA	20 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	24,867.04 1,222.27
23 62 13 00-0022	EA	25 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	29,470.60 1,358.07
23 62 13 00-0023	EA	30 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	33,347.95 1,498.34
23 62 13 00-0024	EA	40 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	42,851.56 1,772.12
23 62 13 00-0025	EA	50 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	48,059.47 1,919.80
23 62 13 00-0026	EA	60 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	52,017.49 2,067.48
23 62 13 00-0027	EA	75 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	59,816.61 2,288.99
23 62 13 00-0028	EA	80 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	63,354.97 2,379.26
23 62 13 00-0029	EA	90 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	69,497.39 2,527.96
23 62 13 00-0030	EA	100 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	79,251.25 2,676.66

23 62 13 00-0031		Packaged Chiller With Remote Air Cooled Condenser <small>(23 62 13)</small>	
Note: With remote air cooled condenser rated by cooling capacity, Units are factory assembled package type. Includes hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, vibration eliminators, phase monitoring for 3 phase units, start-up and equipment rigging. Units include dual compressors. Excludes piping and power wiring.			
23 62 13 00-0032	EA	15 Ton Packaged Chiller With Remote Air Cooled Condensers.....	36,500.38 8,610.25
		<i>For Gas Fired Engine Driven, Add</i>	6,009.19
23 62 13 00-0033	EA	20 Ton Packaged Chiller With Remote Air Cooled Condensers.....	40,959.13 9,075.66
		<i>For Gas Fired Engine Driven, Add</i>	6,831.16
23 62 13 00-0034	EA	25 Ton Packaged Chiller With Remote Air Cooled Condensers.....	47,288.32 9,876.36
		<i>For Gas Fired Engine Driven, Add</i>	7,976.94
23 62 13 00-0035	EA	30 Ton Packaged Chiller With Remote Air Cooled Condensers.....	52,658.54 10,493.70
		<i>For Gas Fired Engine Driven, Add</i>	8,958.44
23 62 13 00-0036	EA	40 Ton Packaged Chiller With Remote Air Cooled Condensers.....	65,227.07 11,579.23
		<i>For Gas Fired Engine Driven, Add</i>	11,309.40
23 62 13 00-0037	EA	50 Ton Packaged Chiller With Remote Air Cooled Condensers.....	71,659.47 11,992.73
		<i>For Gas Fired Engine Driven, Add</i>	12,533.88
23 62 13 00-0038	EA	60 Ton Packaged Chiller With Remote Air Cooled Condensers.....	77,829.25 12,915.27
		<i>For Gas Fired Engine Driven, Add</i>	13,629.52
23 62 13 00-0039	EA	70 Ton Packaged Chiller With Remote Air Cooled Condensers.....	93,973.89 13,818.89
		<i>For Gas Fired Engine Driven, Add</i>	16,697.09
23 62 13 00-0040	EA	75 Ton Packaged Chiller With Remote Air Cooled Condensers.....	95,059.91 14,088.75
		<i>For Gas Fired Engine Driven, Add</i>	16,899.72
23 62 13 00-0041	EA	80 Ton Packaged Chiller With Remote Air Cooled Condensers.....	96,918.52 14,701.37
		<i>For Gas Fired Engine Driven, Add</i>	17,179.60
23 62 13 00-0042	EA	90 Ton Packaged Chiller With Remote Air Cooled Condensers.....	107,189.86 15,369.63
		<i>For Gas Fired Engine Driven, Add</i>	19,133.68
23 62 13 00-0043	EA	100 Ton Packaged Chiller With Remote Air Cooled Condensers.....	118,259.41 16,101.54
		<i>For Gas Fired Engine Driven, Add</i>	21,237.86
23 62 13 00-0044	EA	110 Ton Packaged Chiller With Remote Air Cooled Condensers.....	130,768.32 16,906.57
		<i>For Gas Fired Engine Driven, Add</i>	23,618.95
23 62 13 00-0045	EA	120 Ton Packaged Chiller With Remote Air Cooled Condensers.....	141,219.89 17,796.43
		<i>For Gas Fired Engine Driven, Add</i>	25,575.85
23 62 13 00-0046	EA	140 Ton Packaged Chiller With Remote Air Cooled Condensers.....	155,523.66 18,785.08
		<i>For Gas Fired Engine Driven, Add</i>	28,288.38

23 62 23 Packaged Water-Cooled Refrigerant Compressor and Condenser Units (23 62)

23 62 23 00-0001		Water Cooled Condensing Units <small>(23 62 23)</small>	
Note: Includes compressor, condenser and motor, and equipment rigging. Excludes piping and power wiring.			

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 62 23 00-0002	EA		5 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor.....	7,853.64	743.26
23 62 23 00-0003	EA		10 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor.....	11,914.20	1,085.48
23 62 23 00-0004	EA		15 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor.....	13,644.77	1,176.39
23 62 23 00-0005	EA		20 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor.....	16,922.58	1,411.66
23 62 23 00-0006	EA		30 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor.....	18,272.62	1,660.85
23 62 23 00-0007	EA		60 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor.....	38,795.00	2,470.42
23 62 23 00-0008	EA		80 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor.....	48,152.48	2,981.58
23 62 23 00-0009	EA		120 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor.....	66,641.60	3,262.31

23 63 Refrigerant Condensers ^(23 60)

23 63 13 Air-Cooled Refrigerant Condensers ^(23 63)

23 63 13 00-0001 Air Cooled Condensing Units ^(23 63 13)

Note: Includes compressor(s), condenser, fan, motors, discharge/suction gauges, sight glass, fan cycling controls, standard oil hi/low safety control switches, standard controls and liquid line filter dryers and phase monitoring for 3 phase units and equipment rigging. Meets minimum ASHRAE EER requirements. Excludes piping and power wiring.

23 63 13 00-0002	EA		6 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	5,133.08	743.26
			<i>For >10 To 25, Deduct</i>	-120.22	
			<i>For >25 To 50, Deduct</i>	-200.37	
			<i>For >50, Deduct</i>	-320.59	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	802.39	
			<i>For Winter Start Control, Add</i>	272.87	
23 63 13 00-0003	EA		7.5 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	6,145.63	882.29
			<i>For >10 To 25, Deduct</i>	-144.26	
			<i>For >25 To 50, Deduct</i>	-240.44	
			<i>For >50, Deduct</i>	-384.71	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	718.91	
			<i>For Winter Start Control, Add</i>	229.86	
23 63 13 00-0004	EA		10 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	7,970.99	1,085.48
			<i>For >10 To 25, Deduct</i>	-189.77	
			<i>For >25 To 50, Deduct</i>	-316.29	
			<i>For >50, Deduct</i>	-506.06	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	854.12	
			<i>For Winter Start Control, Add</i>	291.04	
23 63 13 00-0005	EA		12.5 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	9,795.75	1,129.34
			<i>For >10 To 25, Deduct</i>	-242.54	
			<i>For >25 To 50, Deduct</i>	-404.23	
			<i>For >50, Deduct</i>	-646.77	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	993.70	
			<i>For Winter Start Control, Add</i>	332.80	
23 63 13 00-0006	EA		15 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	11,625.98	1,176.39
			<i>For >10 To 25, Deduct</i>	-295.31	
			<i>For >25 To 50, Deduct</i>	-492.18	
			<i>For >50, Deduct</i>	-787.49	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	1,036.22	
			<i>For Winter Start Control, Add</i>	276.68	
23 63 13 00-0007	EA		20 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	14,951.67	1,411.66
			<i>For >10 To 25, Deduct</i>	-384.38	
			<i>For >25 To 50, Deduct</i>	-640.64	
			<i>For >50, Deduct</i>	-1,025.02	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	1,303.49	
			<i>For Winter Start Control, Add</i>	342.02	
23 63 13 00-0008	EA		25 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	16,983.56	1,518.61
			<i>For >10 To 25, Deduct</i>	-440.54	
			<i>For >25 To 50, Deduct</i>	-734.23	
			<i>For >50, Deduct</i>	-1,174.77	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	1,382.38	
			<i>For Winter Start Control, Add</i>	376.74	
23 63 13 00-0009	EA		30 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	19,451.93	1,657.64
			<i>For >10 To 25, Deduct</i>	-508.32	
			<i>For >25 To 50, Deduct</i>	-847.19	
			<i>For >50, Deduct</i>	-1,355.51	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	1,474.21	
			<i>For Winter Start Control, Add</i>	420.25	
23 63 13 00-0010	EA		40 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	26,671.31	1,965.11
			<i>For >10 To 25, Deduct</i>	-709.22	
			<i>For >25 To 50, Deduct</i>	-1,182.04	
			<i>For >50, Deduct</i>	-1,891.26	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	1,939.69	
			<i>For Winter Start Control, Add</i>	539.47	
23 63 13 00-0011	EA		50 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	32,412.72	2,470.42
			<i>For >10 To 25, Deduct</i>	-858.08	
			<i>For >25 To 50, Deduct</i>	-1,430.14	
			<i>For >50, Deduct</i>	-2,288.23	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	2,096.59	
			<i>For Winter Start Control, Add</i>	524.00	
23 63 13 00-0012	EA		60 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	37,284.53	2,726.58
			<i>For >10 To 25, Deduct</i>	-995.72	
			<i>For >25 To 50, Deduct</i>	-1,659.53	
			<i>For >50, Deduct</i>	-2,655.25	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	2,351.11	
			<i>For Winter Start Control, Add</i>	575.35	
23 63 13 00-0013	EA		80 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	48,168.05	2,981.58
			<i>For >10 To 25, Deduct</i>	-1,307.10	
			<i>For >25 To 50, Deduct</i>	-2,178.50	
			<i>For >50, Deduct</i>	-3,485.59	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	2,892.33	
			<i>For Winter Start Control, Add</i>	677.66	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 60 Central Cooling Equipment

23 63 Refrigerant Condensers



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 63 13 00-0014	EA		100 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	66,301.51	2,684.60
			<i>For >10 To 25, Deduct</i>	-1,825.09	
			<i>For >25 To 50, Deduct</i>	-3,041.82	
			<i>For >50, Deduct</i>	-4,866.92	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	3,191.35	
			<i>For Winter Start Control, Add</i>	850.68	
23 63 13 00-0015	EA		120 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	81,494.17	2,775.60
			<i>For >10 To 25, Deduct</i>	-2,275.32	
			<i>For >25 To 50, Deduct</i>	-3,792.20	
			<i>For >50, Deduct</i>	-6,067.51	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	3,687.88	
23 63 13 00-0016			Air Cooled Condensing Units <small>(23 63 13)</small>		
			Note: Includes compressor(s), condenser, fan, motors, discharge/suction gauges, sight glass, fan cycling controls, standard oil hi/low safety control switches, standard controls and liquid line filter dryers, 14 SEER, 1 or 3 phase and equipment rigging. Higher SEER ratings can be obtained by oversizing evaporators. Includes 20' length of piping (liquid line and insulated suction line). Excludes additional piping and power wiring.		
23 63 13 00-0017	EA		1.5 Ton, 14 SEER, Air Cooled Condensing Unit.....	2,029.39	356.74
			Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
			<i>For >10 To 25, Deduct</i>	-44.83	
			<i>For >25 To 50, Deduct</i>	-74.71	
			<i>For >50, Deduct</i>	-119.54	
			<i>For 15 SEER, Add</i>	358.63	
			<i>For 16 SEER, Add</i>	612.66	
			<i>For 18 SEER, Add</i>	1,285.09	
23 63 13 00-0018	EA		2 Ton, 14 SEER, Air Cooled Condensing Unit.....	2,184.04	396.56
			Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
			<i>For >10 To 25, Deduct</i>	-47.68	
			<i>For >25 To 50, Deduct</i>	-79.47	
			<i>For >50, Deduct</i>	-127.16	
			<i>For 15 SEER, Add</i>	381.48	
			<i>For 16 SEER, Add</i>	651.69	
			<i>For 18 SEER, Add</i>	1,366.96	
23 63 13 00-0019	EA		2.5 Ton, 14 SEER, Air Cooled Condensing Unit.....	2,319.35	436.22
			Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
			<i>For >10 To 25, Deduct</i>	-49.96	
			<i>For >25 To 50, Deduct</i>	-83.27	
			<i>For >50, Deduct</i>	-133.23	
			<i>For 15 SEER, Add</i>	399.68	
			<i>For 16 SEER, Add</i>	682.79	
			<i>For 18 SEER, Add</i>	1,432.19	
23 63 13 00-0020	EA		3 Ton, 14 SEER, Air Cooled Condensing Unit.....	2,661.20	475.64
			Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
			<i>For >10 To 25, Deduct</i>	-58.43	
			<i>For >25 To 50, Deduct</i>	-97.39	
			<i>For >50, Deduct</i>	-155.82	
			<i>For 15 SEER, Add</i>	467.46	
			<i>For 16 SEER, Add</i>	798.57	
			<i>For 18 SEER, Add</i>	1,675.06	
23 63 13 00-0021	EA		3.5 Ton, 14 SEER, Air Cooled Condensing Unit.....	2,819.08	515.54
			Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
			<i>For >10 To 25, Deduct</i>	-61.39	
			<i>For >25 To 50, Deduct</i>	-102.31	
			<i>For >50, Deduct</i>	-163.69	
			<i>For 15 SEER, Add</i>	491.08	
			<i>For 16 SEER, Add</i>	838.93	
			<i>For 18 SEER, Add</i>	1,759.71	
23 63 13 00-0022	EA		4 Ton, 14 SEER, Air Cooled Condensing Unit.....	3,139.96	555.20
			Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
			<i>For >10 To 25, Deduct</i>	-69.23	
			<i>For >25 To 50, Deduct</i>	-115.38	
			<i>For >50, Deduct</i>	-184.61	
			<i>For 15 SEER, Add</i>	553.82	
			<i>For 16 SEER, Add</i>	946.11	
			<i>For 18 SEER, Add</i>	1,984.53	
23 63 13 00-0023	EA		5 Ton, 14 SEER, Air Cooled Condensing Unit.....	3,540.65	594.55
			Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
			<i>For >10 To 25, Deduct</i>	-79.46	
			<i>For >25 To 50, Deduct</i>	-132.44	
			<i>For >50, Deduct</i>	-211.91	
			<i>For 15 SEER, Add</i>	635.72	
			<i>For 16 SEER, Add</i>	1,086.02	
			<i>For 18 SEER, Add</i>	2,277.99	
23 63 13 00-0024			Removal And Reinstallation Of AC Condensing Unit <small>(23 63 13)</small>		
			Note: Includes storage and cleaning.		
23 63 13 00-0025	EA		Removal And Reinstallation Of Up To 5 Tons Air Cooled Condensing Unit.....	365.78	
23 63 13 00-0026	EA		Removal And Reinstallation Of 7.5 To 15 Tons Air Cooled Condensing Unit.....	1,371.66	
23 63 13 00-0027	EA		Removal And Reinstallation Of 20 To 40 Tons Air Cooled Condensing Unit.....	2,246.73	
23 63 23			Water-Cooled Refrigerant Condensers <small>(23 63)</small>		
23 63 23 00-0001			Water Cooled Condensers <small>(23 63 23)</small>		
			Note: Steel shell and copper tube type. Includes equipment rigging.		
23 63 23 00-0002	EA		15 Ton Water Cooled Condenser, Shell And Tube Type.....	9,844.81	404.34
			<i>For Saddle Legs, Add</i>	733.94	
23 63 23 00-0003	EA		20 Ton Water Cooled Condenser, Shell And Tube Type.....	12,799.59	543.23
			<i>For Saddle Legs, Add</i>	952.13	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 63 23 00-0004	EA		25 Ton Water Cooled Condenser, Shell And Tube Type..... <i>For Saddle Legs, Add</i> <i>For Dual Compressor, Add</i>	16,748.01 1,249.67 785.96	679.04
23 63 23 00-0005	EA		30 Ton Water Cooled Condenser, Shell And Tube Type..... <i>For Saddle Legs, Add</i> <i>For Dual Compressor, Add</i>	17,586.18 1,298.53 816.68	826.16
23 63 23 00-0006	EA		40 Ton Water Cooled Condenser, Shell And Tube Type..... <i>For Saddle Legs, Add</i> <i>For Dual Compressor, Add</i>	21,011.42 1,543.17 970.55	1,056.62
23 63 23 00-0007	EA		50 Ton Water Cooled Condenser, Shell And Tube Type..... <i>For Saddle Legs, Add</i> <i>For Dual Compressor, Add</i>	24,001.63 1,764.99 1,110.06	1,188.32
23 63 23 00-0008	EA		60 Ton Water Cooled Condenser, Shell And Tube Type..... <i>For Saddle Legs, Add</i> <i>For Dual Compressor, Add</i>	29,203.53 2,158.09 1,357.29	1,358.07
23 63 23 00-0009	EA		75 Ton Water Cooled Condenser, Shell And Tube Type..... <i>For Saddle Legs, Add</i> <i>For Dual Compressor, Add</i>	36,047.66 2,674.94 1,682.35	1,584.42
23 63 23 00-0010	EA		100 Ton Water Cooled Condenser, Shell And Tube Type..... <i>For Saddle Legs, Add</i> <i>For Dual Compressor, Add</i>	39,631.15 2,904.52 1,826.74	2,044.32
23 63 23 00-0011	EA		150 Ton Water Cooled Condenser, Shell And Tube Type..... <i>For Saddle Legs, Add</i> <i>For Dual Compressor, Add</i>	57,287.31 4,260.73 2,679.70	2,437.32

23 64 Packaged Water Chillers (23 60)

See CSI section 26 29 23 00-0000 for variable frequency motor controllers.

23 64 13 Absorption Water Chillers (23 64)

23 64 13 16 Indirect-Fired Absorption Water Chillers (23 64 13)

23 64 13 16-0001 Packaged, Steam Driven, Water Cooled Absorption Chillers (23 64 13 16)

Note: Includes refrigerant monitor with scanner, audible alarm, and lights, 460 voltage motor rating, and all accessories, controls (water temperature controller with PE switches, flow switch, etc.) factory wired and installed control panel, and also includes start-up. Price includes closed transition starter. (rated by cooling capacity in tons). Units are factory assembled package type consisting of motor, cooler, condenser, internal piping and wiring, motor starters, insulation, purge unit, controls, gauges, lubrication system, refrigerant charge, oil, phase monitoring for 3 phase units, start-up costs and equipment rigging. Exclude piping and power wiring.

23 64 13 16-0002	EA		50 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	199,536.43 130,277.86	11,747.05
23 64 13 16-0003	EA		100 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	251,831.63 165,467.35	13,518.49
23 64 13 16-0004	EA		150 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	319,035.10 211,698.67	14,532.39
23 64 13 16-0005	EA		200 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	354,316.36 235,584.44	15,546.27
23 64 13 16-0006	EA		250 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	395,565.15 264,098.09	15,996.88
23 64 13 16-0007	EA		300 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	445,463.46 298,576.29	16,560.16
23 64 13 16-0008	EA		350 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	477,626.58 320,639.86	17,123.43
23 64 13 16-0009	EA		400 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	568,104.98 383,253.76	18,024.67
23 64 13 16-0010	EA		500 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	635,738.50 430,146.60	18,587.93
23 64 13 16-0011	EA		650 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	769,878.96 523,594.30	19,151.20
23 64 13 16-0012	EA		750 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	834,655.80 567,856.62	20,503.04
23 64 13 16-0013	EA		850 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	894,773.56 608,947.69	21,742.25
23 64 13 16-0014	EA		950 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	959,353.04 653,150.80	22,995.40
23 64 13 16-0015	EA		1,125 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	1,098,034.66 749,734.37	23,556.27
23 64 13 16-0016	EA		1,250 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	1,202,591.95 821,892.49	24,902.35
23 64 13 16-0017	EA		1,450 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	1,404,356.31 962,230.15	26,024.07
23 64 13 16-0018	EA		1,700 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	1,641,361.32 1,127,505.51	26,809.28

23 64 16 Centrifugal Water Chillers (23 64)

23 64 16 13 Air-Cooled Centrifugal Water Chillers (23 64 16)

23 64 16 13-0001 Magnetic Bearing, Air Cooled Centrifugal Chillers (23 64 16 13)

Note: SMARTD air cooled oil-free centrifugal chiller with variable speed control, magnetic bearings, lowest ARI IPLV in industry. Includes start up, freight, R-134a refrigerant charge, BACnet or equivalent interface.

23 64 16 13-0002	EA		85 Ton, Single Compressor, Magnetic Bearing, Air Cooled Centrifugal Chiller..... <i>For 5 Year Parts Only Compressor Warranty, Add</i>	230,186.00 6,398.10	6,241.60
23 64 16 13-0003	EA		175 Ton, Two Compressor, Magnetic Bearing, Air Cooled Centrifugal Chiller..... <i>For 5 Year Parts Only Compressor Warranty, Add</i>	326,707.62 12,796.20	8,369.64
23 64 16 13-0004	EA		240 Ton, Three Compressor, Magnetic Bearing, Air Cooled Centrifugal Chiller..... <i>For 5 Year Parts Only Compressor Warranty, Add</i>	408,564.58 19,194.30	8,851.58

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 60 Central Cooling Equipment

23 64 Packaged Water Chillers

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 64 16 16 Water-Cooled Centrifugal Water Chillers (23 64 16)

23 64 16 16-0001 Packaged Water-Cooled Centrifugal Water Chillers (23 64 16 16)

Note: Includes integral heat exchanger, refrigerant monitor with scanner, audible alarm, and lights, 460 voltage motor rating, controls (water temperature controller with PE switches, flow switch, etc.), start-up, and closed transition starter. Rated by cooling capacity in tons. Units are factory assembled package type consisting of compressor, motor, cooler, condenser, internal piping and wiring, motor starters, insulation, purge unit, factory wired and installed control panel, gauges, lubrication system, refrigerant charge, oil, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.

23 64 16 16-0002	EA	180 Ton Packaged Water-Cooled Centrifugal Water Chiller	151,911.06	6,427.48
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	5,663.45	
23 64 16 16-0003	EA	200 Ton Packaged Water-Cooled Centrifugal Water Chiller	166,055.35	6,590.27
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	6,218.63	
23 64 16 16-0004	EA	225 Ton Packaged Water-Cooled Centrifugal Water Chiller	183,150.00	6,757.79
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	6,891.79	
23 64 16 16-0005	EA	250 Ton Packaged Water-Cooled Centrifugal Water Chiller	199,835.49	7,028.72
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	7,541.80	
23 64 16 16-0006	EA	275 Ton Packaged Water-Cooled Centrifugal Water Chiller	216,144.79	7,425.60
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	8,168.67	
23 64 16 16-0007	EA	300 Ton Packaged Water-Cooled Centrifugal Water Chiller	231,857.93	7,811.66
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	8,772.39	
23 64 16 16-0008	EA	325 Ton Packaged Water-Cooled Centrifugal Water Chiller	247,058.76	8,239.98
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	9,352.91	
23 64 16 16-0009	EA	350 Ton Packaged Water-Cooled Centrifugal Water Chiller	261,647.43	8,646.31
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	9,910.34	
23 64 16 16-0010	EA	375 Ton Packaged Water-Cooled Centrifugal Water Chiller	275,598.29	9,016.84
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	10,444.57	
23 64 16 16-0011	EA	400 Ton Packaged Water-Cooled Centrifugal Water Chiller	288,845.29	9,309.40
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	10,955.65	
23 64 16 16-0012	EA	425 Ton Packaged Water-Cooled Centrifugal Water Chiller	301,784.48	9,770.61
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	11,443.59	
23 64 16 16-0013	EA	450 Ton Packaged Water-Cooled Centrifugal Water Chiller	314,009.90	10,147.54
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	11,908.38	
23 64 16 16-0014	EA	475 Ton Packaged Water-Cooled Centrifugal Water Chiller	325,648.82	10,519.65
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	12,350.03	
23 64 16 16-0015	EA	500 Ton Packaged Water-Cooled Centrifugal Water Chiller	336,574.43	10,807.81
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	12,768.53	
23 64 16 16-0016	EA	550 Ton Packaged Water-Cooled Centrifugal Water Chiller	356,377.87	11,191.06
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	13,536.05	
23 64 16 16-0017	EA	600 Ton Packaged Water-Cooled Centrifugal Water Chiller	373,642.07	11,434.39
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	14,210.98	
23 64 16 16-0018	EA	650 Ton Packaged Water-Cooled Centrifugal Water Chiller	389,107.28	11,999.58
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	14,793.27	
23 64 16 16-0019	EA	700 Ton Packaged Water-Cooled Centrifugal Water Chiller	402,271.75	12,573.33
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	15,282.99	
23 64 16 16-0020	EA	750 Ton Packaged Water-Cooled Centrifugal Water Chiller	413,217.81	13,204.53
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	15,680.27	
23 64 16 16-0021	EA	800 Ton Packaged Water-Cooled Centrifugal Water Chiller	438,910.19	13,841.59
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	16,667.03	
23 64 16 16-0022	EA	850 Ton Packaged Water-Cooled Centrifugal Water Chiller	464,421.12	14,476.62
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	17,646.67	
23 64 16 16-0023	EA	900 Ton Packaged Water-Cooled Centrifugal Water Chiller	489,848.67	15,172.59
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	18,619.06	
23 64 16 16-0024	EA	950 Ton Packaged Water-Cooled Centrifugal Water Chiller	515,205.98	15,938.87
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	19,584.11	
23 64 16 16-0025	EA	1,000 Ton Packaged Water-Cooled Centrifugal Water Chiller	539,968.91	16,626.47
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	20,541.84	
23 64 16 16-0026	EA	1,100 Ton Packaged Water-Cooled Centrifugal Water Chiller	585,848.60	19,184.45
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	22,214.43	
23 64 16 16-0027	EA	1,200 Ton Packaged Water-Cooled Centrifugal Water Chiller	630,007.74	21,749.73
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	23,817.72	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 16 16-0028	EA		1,300 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. For 208/230 Voltage Motor Rating, Add	671,656.59 25,351.57	23,827.73
23 64 16 16-0029	EA		1,400 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. For 208/230 Voltage Motor Rating, Add	710,300.43 26,816.00	25,107.17
23 64 16 16-0030	EA		1,500 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. For 208/230 Voltage Motor Rating, Add	747,137.12 28,210.79	26,344.78
23 64 16 16-0031	EA		1,600 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. For 208/230 Voltage Motor Rating, Add	781,501.78 29,536.84	27,108.44
23 64 16 16-0032	EA		1,700 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. For 208/230 Voltage Motor Rating, Add	815,917.60 30,793.25	28,999.67
23 64 16 16-0033	EA		1,800 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. For 208/230 Voltage Motor Rating, Add	847,840.12 31,980.22	30,414.29
23 64 16 16-0034	EA		1,900 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. For 208/230 Voltage Motor Rating, Add	878,695.48 33,097.77	32,249.65
23 64 16 16-0035	EA		2,000 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. For 208/230 Voltage Motor Rating, Add	906,732.14 34,146.02	33,401.45
23 64 16 16-0036	EA		2,250 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. For 208/230 Voltage Motor Rating, Add	965,623.52 36,463.07	35,292.12
23 64 16 16-0037	EA		2,500 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. For 208/230 Voltage Motor Rating, Add	1,018,113.54 38,346.48	37,409.60
23 64 16 16-0038			Magnetic Bearing, Water Cooled Centrifugal Water Chillers ^(23 64 16 16) Note: SMARTD water cooled oil-free centrifugal chiller with variable speed control, magnetic bearings, 10 amp maximum inrush current and ARI part load <0.4kW per ton. Includes start up, freight, R-134a refrigerant charge, BACnet or equivalent interface, 12/18 month compressor warranty.		
23 64 16 16-0039	EA		60 To 85 Ton, Single Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller For 5 Year Parts Only Compressor Warranty, Add For Marine Water Box Connections, Add	144,945.12 6,398.10 4,627.56	5,407.40
23 64 16 16-0040	EA		130 To 137 Ton, Single Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller..... For 5 Year Parts Only Compressor Warranty, Add For Marine Water Box Connections, Add	182,508.41 6,398.10 4,627.56	6,284.97
23 64 16 16-0041	EA		125 To 170 Ton, Dual Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller For 5 Year Parts Only Compressor Warranty, Add For Marine Water Box Connections, Add	228,589.50 12,796.20 4,627.56	6,427.48
23 64 16 16-0042	EA		240 To 270 Ton, Dual Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller For 5 Year Parts Only Compressor Warranty, Add For Marine Water Box Connections, Add	297,690.70 12,796.20 4,627.56	7,425.60
23 64 16 16-0043	EA		210 To 260 Ton, Three Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller For 5 Year Parts Only Compressor Warranty, Add For Marine Water Box Connections, Add	299,989.83 19,194.30 4,627.56	7,028.72
23 64 16 16-0044	EA		355 To 405 Ton, Three Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller For 5 Year Parts Only Compressor Warranty, Add For Marine Water Box Connections, Add	450,067.54 19,194.30 4,627.56	9,309.40
23 64 16 16-0045	EA		299 To 340 Ton, Four Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller For 5 Year Parts Only Compressor Warranty, Add For Marine Water Box Connections, Add	398,738.85 23,459.70 6,445.53	8,646.31
23 64 16 16-0046	EA		540 Ton, Four Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller For 5 Year Parts Only Compressor Warranty, Add For Marine Water Box Connections, Add	554,024.48 23,459.70 6,445.53	11,191.06
23 64 16 16-0047	EA		425 Ton, Five Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller..... For 5 Year Parts Only Compressor Warranty, Add For Marine Water Box Connections, Add	496,283.87 27,725.10 6,445.53	9,770.61
23 64 16 16-0048	EA		650 Ton, Five Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller..... For 5 Year Parts Only Compressor Warranty, Add For Marine Water Box Connections, Add	664,238.02 27,725.10 6,445.53	11,999.58
23 64 16 16-0049	EA		510 Ton, Six Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller..... For 5 Year Parts Only Compressor Warranty, Add For Marine Water Box Connections, Add	590,937.95 31,990.50 6,776.07	10,807.81
23 64 16 16-0050	EA		800 Ton, Six Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller..... For 5 Year Parts Only Compressor Warranty, Add For Marine Water Box Connections, Add	761,385.54 31,990.50 6,776.07	13,841.59
23 64 23			Scroll Water Chillers ^(23 64)		
23 64 23 13			Air-Cooled Scroll Water Chillers ^(23 64 23)		
23 64 23 13-0001			Packaged Air Cooled Scroll Water Chillers ^(23 64 23 13) Note: With integral heat exchanger. Rated by cooling capacity, tons. Units are factory assembled package type. Includes scroll compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3-valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, factory charge of refrigerant, start-up and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring. Excludes crane and associated personnel. See CSI section 01 22 23 00-0800 for crane lifting equipment.		
23 64 23 13-0002	EA		10 Ton Packaged Air Cooled Scroll Water Chiller	27,934.14	1,689.99
23 64 23 13-0003	EA		15 Ton Packaged Air Cooled Scroll Water Chiller	40,964.14	1,711.65
23 64 23 13-0004	EA		18 Ton Packaged Air Cooled Scroll Water Chiller	44,709.22	1,830.81

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 60 Central Cooling Equipment****23 64 Packaged Water Chillers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 64 23 13-0005	EA	22 Ton Packaged Air Cooled Scroll Water Chiller	49,191.13	1,960.81
23 64 23 13-0006	EA	25 Ton Packaged Air Cooled Scroll Water Chiller	49,986.84	2,090.81
23 64 23 13-0007	EA	30 Ton Packaged Air Cooled Scroll Water Chiller	52,742.46	2,242.48
23 64 23 13-0008	EA	40 Ton Packaged Air Cooled Scroll Water Chiller	60,316.62	2,426.65
23 64 23 13-0009	EA	45 Ton Packaged Air Cooled Scroll Water Chiller	64,775.28	2,632.48
23 64 23 13-0010	EA	50 Ton Packaged Air Cooled Scroll Water Chiller	68,405.45	2,708.30
23 64 23 13-0011	EA	55 Ton Packaged Air Cooled Scroll Water Chiller	71,445.46	2,827.47
23 64 23 13-0012	EA	60 Ton Packaged Air Cooled Scroll Water Chiller	73,844.95	2,924.97
23 64 23 13-0013	EA	70 Ton Packaged Air Cooled Scroll Water Chiller	85,200.43	3,293.30
23 64 23 13-0014	EA	80 Ton Packaged Air Cooled Scroll Water Chiller	91,705.79	3,607.47
23 64 23 13-0015	EA	90 Ton Packaged Air Cooled Scroll Water Chiller	93,380.98	3,618.30
23 64 23 13-0016	EA	100 Ton Packaged Air Cooled Scroll Water Chiller	98,818.61	3,629.13
23 64 23 13-0017	EA	110 Ton Packaged Air Cooled Scroll Water Chiller	104,112.90	3,639.96
23 64 23 13-0018	EA	120 Ton Packaged Air Cooled Scroll Water Chiller	109,473.03	3,650.80
23 64 23 13-0019	EA	130 Ton Packaged Air Cooled Scroll Water Chiller	115,108.01	3,661.63

23 64 23 16 Water-Cooled Scroll Water Chillers (23 64 23)**23 64 23 16-0001 Packaged Water Cooled Scroll Water Chillers (23 64 23 16)**

Note: Integral heat exchanger. Rated by cooling capacity in tons. Units are factory assembled package type. Includes hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.

23 64 23 16-0002	EA	20 Ton Packaged Water Cooled Scroll Water Chiller	28,025.11	2,070.02
23 64 23 16-0003	EA	25 Ton Packaged Water Cooled Scroll Water Chiller	32,185.94	2,132.56
23 64 23 16-0004	EA	30 Ton Packaged Water Cooled Scroll Water Chiller	35,700.42	2,341.11
23 64 23 16-0005	EA	40 Ton Packaged Water Cooled Scroll Water Chiller	43,954.25	2,998.18
23 64 23 16-0006	EA	50 Ton Packaged Water Cooled Scroll Water Chiller	48,616.75	3,285.70
23 64 23 16-0007	EA	60 Ton Packaged Water Cooled Scroll Water Chiller	51,132.25	3,630.29

23 64 26 Rotary-Screw Water Chillers (23 64)**23 64 26 13 Air-Cooled, Rotary-Screw Water Chillers (23 64 26)****23 64 26 13-0001 Packaged Air Cooled Rotary-Screw Water Chillers (23 64 26 13)**

Note: Includes hermetic direct-drive compressors start-up, coil guards, copper fins, copper tubes, factory wired and installed control panel, refrigerant monitor with scanner, audible alarm, and lights, phase monitoring for 3 phase units, 440/460 voltage motor rating, motor starters, factory charge of refrigerant and equipment rigging. Units greater than 20 tons include dual compressors. Excludes crane and associated personnel. See CSI section 01 22 23 00-0800 for crane lifting equipment.

23 64 26 13-0002	EA	70 Ton Packaged Air Cooled Rotary-Screw Water Chiller	102,378.62	4,149.12
		<i>For Aluminum Fins Instead Of Copper, Deduct</i>	<i>-1,442.41</i>	
		<i>For 208/230 Voltage Motor Rating, Add</i>	<i>3,846.41</i>	
23 64 26 13-0003	EA	80 Ton Packaged Air Cooled Rotary-Screw Water Chiller	110,029.75	4,506.62
		<i>For Aluminum Fins Instead Of Copper, Deduct</i>	<i>-1,549.21</i>	
		<i>For 208/230 Voltage Motor Rating, Add</i>	<i>4,131.23</i>	
23 64 26 13-0004	EA	90 Ton Packaged Air Cooled Rotary-Screw Water Chiller	115,743.20	4,701.61
		<i>For Aluminum Fins Instead Of Copper, Deduct</i>	<i>-1,630.36</i>	
		<i>For 208/230 Voltage Motor Rating, Add</i>	<i>4,347.63</i>	
23 64 26 13-0005	EA	100 Ton Packaged Air Cooled Rotary-Screw Water Chiller	120,016.89	5,059.11
		<i>For Aluminum Fins Instead Of Copper, Deduct</i>	<i>-1,686.50</i>	
		<i>For 208/230 Voltage Motor Rating, Add</i>	<i>4,497.35</i>	
23 64 26 13-0006	EA	110 Ton Packaged Air Cooled Rotary-Screw Water Chiller	128,807.39	5,308.27
		<i>For Aluminum Fins Instead Of Copper, Deduct</i>	<i>-1,812.84</i>	
		<i>For 208/230 Voltage Motor Rating, Add</i>	<i>4,834.23</i>	
23 64 26 13-0007	EA	120 Ton Packaged Air Cooled Rotary-Screw Water Chiller	136,885.11	5,416.61
		<i>For Aluminum Fins Instead Of Copper, Deduct</i>	<i>-1,931.40</i>	
		<i>For 208/230 Voltage Motor Rating, Add</i>	<i>5,150.41</i>	
23 64 26 13-0008	EA	130 Ton Packaged Air Cooled Rotary-Screw Water Chiller	144,499.62	5,600.78
		<i>For Aluminum Fins Instead Of Copper, Deduct</i>	<i>-2,041.56</i>	
		<i>For 208/230 Voltage Motor Rating, Add</i>	<i>5,444.16</i>	
23 64 26 13-0009	EA	140 Ton Packaged Air Cooled Rotary-Screw Water Chiller	149,121.96	5,719.94
		<i>For Aluminum Fins Instead Of Copper, Deduct</i>	<i>-2,108.13</i>	
		<i>For 208/230 Voltage Motor Rating, Add</i>	<i>5,621.68</i>	
23 64 26 13-0010	EA	160 Ton Packaged Air Cooled Rotary-Screw Water Chiller	157,468.65	5,839.10
		<i>For Aluminum Fins Instead Of Copper, Deduct</i>	<i>-2,230.57</i>	
		<i>For 208/230 Voltage Motor Rating, Add</i>	<i>5,948.18</i>	
23 64 26 13-0011	EA	170 Ton Packaged Air Cooled Rotary-Screw Water Chiller	164,370.86	6,023.27
		<i>For Aluminum Fins Instead Of Copper, Deduct</i>	<i>-2,330.04</i>	
		<i>For 208/230 Voltage Motor Rating, Add</i>	<i>6,213.44</i>	
23 64 26 13-0012	EA	180 Ton Packaged Air Cooled Rotary-Screw Water Chiller	173,331.01	6,261.60
		<i>For Aluminum Fins Instead Of Copper, Deduct</i>	<i>-2,459.08</i>	
		<i>For 208/230 Voltage Motor Rating, Add</i>	<i>6,557.54</i>	
23 64 26 13-0013	EA	200 Ton Packaged Air Cooled Rotary-Screw Water Chiller	181,185.81	6,391.60
		<i>For Aluminum Fins Instead Of Copper, Deduct</i>	<i>-2,574.14</i>	
		<i>For 208/230 Voltage Motor Rating, Add</i>	<i>6,864.37</i>	
23 64 26 13-0014	EA	215 Ton Packaged Air Cooled Rotary-Screw Water Chiller	194,229.82	6,499.94
		<i>For Aluminum Fins Instead Of Copper, Deduct</i>	<i>-2,767.20</i>	
		<i>For 208/230 Voltage Motor Rating, Add</i>	<i>7,379.20</i>	
23 64 26 13-0015	EA	225 Ton Packaged Air Cooled Rotary-Screw Water Chiller	202,896.97	6,564.93
		<i>For Aluminum Fins Instead Of Copper, Deduct</i>	<i>-2,895.91</i>	
		<i>For 208/230 Voltage Motor Rating, Add</i>	<i>7,722.42</i>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 26 13-0016	EA		240 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Voltage Motor Rating, Add</i>	211,564.09 -3,024.61 8,065.63	6,619.10
23 64 26 13-0017	EA		260 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Voltage Motor Rating, Add</i>	237,500.46 -3,410.73 9,095.29	6,749.10
23 64 26 13-0018	EA		280 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Voltage Motor Rating, Add</i>	250,555.33 -3,603.79 9,610.12	6,879.10
23 64 26 13-0019	EA		300 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Voltage Motor Rating, Add</i>	267,889.58 -3,861.21 10,296.55	6,987.43
23 64 26 13-0020	EA		325 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Voltage Motor Rating, Add</i>	293,804.30 -4,247.33 11,326.21	7,106.59
23 64 26 13-0021	EA		350 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Voltage Motor Rating, Add</i>	320,310.56 -4,642.81 12,380.83	7,193.26

23 64 26 16 Water-Cooled, Rotary-Screw Water Chillers (23 64 26)
23 64 26 16-0001 Packaged Water Cooled Helical Rotary Water Chillers (23 64 26 16)

Note: Integral heat exchanger. Rated by cooling capacity in tons. Factory assembled package type includes semi-hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gages, lead-lag switch, compressor unloaders, removable core filter dryer, 3-valve by-pass, sight glass, internal wiring, motor starters, insulation, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, full factory refrigerant charge, vibration eliminators, NEMA 1 flow switches, wye-delta starter, extended warranty on compressor(s), start-up costs and equipment rigging. Excludes piping and power wiring.

23 64 26 16-0002	EA		70 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	70,298.27	5,069.44
23 64 26 16-0003	EA		80 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	76,306.60	5,266.59
23 64 26 16-0004	EA		90 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	81,525.24	5,407.40
23 64 26 16-0005	EA		100 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	86,065.39	5,635.52
23 64 26 16-0006	EA		110 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	90,577.23	5,790.42
23 64 26 16-0007	EA		125 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	96,073.22	5,952.98
23 64 26 16-0008	EA		130 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	124,236.75	6,119.37
23 64 26 16-0009	EA		150 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	106,700.51	6,284.97
23 64 26 16-0010	EA		175 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	114,630.11	6,440.55
23 64 26 16-0011	EA		190 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	118,562.08	6,762.63
23 64 26 16-0012	EA		200 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	138,753.61	7,088.77
23 64 26 16-0013	EA		210 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	140,636.66	7,240.51
23 64 26 16-0014	EA		235 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	152,831.35	7,398.89
23 64 26 16-0015	EA		255 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	162,369.80	7,737.54
23 64 26 16-0016	EA		275 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	171,393.74	8,050.71
23 64 26 16-0017	EA		300 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	181,896.45	8,369.64
23 64 26 16-0018	EA		350 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	199,682.38	9,111.46
23 64 26 16-0019	EA		400 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	214,250.42	10,021.71
23 64 26 16-0020	EA		450 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	225,617.01	11,024.33

23 65 Cooling Towers (23 60)
23 65 13 Forced-Draft Cooling Towers (23 65)
23 65 13 16 Closed-Circuit, Forced-Draft Cooling Towers (23 65 13)
23 65 13 16-0001 Closed-Circuit, Forced-Draft Cooling Towers (23 65 13 16)
23 65 13 16-0002 Blow-Thru Centrifugal Fan Type Galvanized Cooling Towers (23 65 13 16-0001)

Note: Including 2-speed motor internal piping, vibration switch, basin, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Rated by cooling capacity in tons. Design temperature 95 degree F in, 85 degree F out. Excludes crane and associated personnel.

23 65 13 16-0003	EA		50 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	19,702.40 10,202.96	1,798.31
23 65 13 16-0004	EA		75 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	27,165.79 14,329.99	2,199.14
23 65 13 16-0005	EA		100 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	34,056.94 17,769.19	2,762.47
23 65 13 16-0006	EA		125 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	39,280.82 20,591.52	3,087.47
23 65 13 16-0007	EA		150 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	44,895.07 23,583.08	3,477.46
23 65 13 16-0008	EA		175 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	50,479.87 26,530.96	3,899.96
23 65 13 16-0009	EA		200 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	56,653.91 29,806.39	4,344.12
23 65 13 16-0010	EA		225 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	61,909.47 32,426.73	4,896.61
23 65 13 16-0011	EA		250 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	67,445.35 35,221.76	5,438.28
23 65 13 16-0012	EA		275 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	73,841.79 38,104.14	6,434.93
23 65 13 16-0013	EA		300 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	80,245.52 41,270.39	7,128.26
23 65 13 16-0014	EA		325 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	84,556.55 43,454.00	7,583.25
23 65 13 16-0015	EA		350 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	89,601.96 46,019.75	8,027.42

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 60 Central Cooling Equipment

23 65 Cooling Towers



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 65 13 16-0016	EA	375 Ton Blow-Thru Centrifugal Fan Type Cooling Tower <i>For Stainless Steel Cooling Tower, Add</i>	94,506.53 48,585.50	8,417.42
23 65 13 16-0017	EA	400 Ton Blow-Thru Centrifugal Fan Type Cooling Tower <i>For Stainless Steel Cooling Tower, Add</i>	100,128.15 51,587.98	8,807.40
23 65 13 16-0018	EA	425 Ton Blow-Thru Centrifugal Fan Type Cooling Tower <i>For Stainless Steel Cooling Tower, Add</i>	106,083.40 54,699.64	9,284.07
23 65 13 16-0019	EA	450 Ton Blow-Thru Centrifugal Fan Type Cooling Tower <i>For Stainless Steel Cooling Tower, Add</i>	112,846.68 58,302.61	9,760.73
23 65 13 16-0020	EA	475 Ton Blow-Thru Centrifugal Fan Type Cooling Tower <i>For Stainless Steel Cooling Tower, Add</i>	119,421.47 61,850.99	10,172.40
23 65 13 16-0021	EA	500 Ton Blow-Thru Centrifugal Fan Type Cooling Tower <i>For Stainless Steel Cooling Tower, Add</i>	126,007.10 65,399.36	10,584.06
23 65 13 16-0022	EA	550 Ton Blow-Thru Centrifugal Fan Type Cooling Tower <i>For Stainless Steel Cooling Tower, Add</i>	138,539.20 72,496.13	11,028.22
23 65 13 16-0023	EA	600 Ton Blow-Thru Centrifugal Fan Type Cooling Tower <i>For Stainless Steel Cooling Tower, Add</i>	152,163.09 80,247.97	11,461.54
23 65 13 16-0024	EA	650 Ton Blow-Thru Centrifugal Fan Type Cooling Tower <i>For Stainless Steel Cooling Tower, Add</i>	157,708.80 83,523.40	11,699.87
23 65 13 16-0025	EA	700 Ton Blow-Thru Centrifugal Fan Type Cooling Tower <i>For Stainless Steel Cooling Tower, Add</i>	164,346.31 87,453.91	11,851.54
23 65 13 16-0026	EA	750 Ton Blow-Thru Centrifugal Fan Type Cooling Tower <i>For Stainless Steel Cooling Tower, Add</i>	172,032.47 91,493.60	12,458.20
23 65 13 16-0027	EA	800 Ton Blow-Thru Centrifugal Fan Type Cooling Tower <i>For Stainless Steel Cooling Tower, Add</i>	180,992.39 96,297.56	13,064.86
23 65 13 16-0028	EA	850 Ton Blow-Thru Centrifugal Fan Type Cooling Tower <i>For Stainless Steel Cooling Tower, Add</i>	190,038.99 101,101.52	13,725.69
23 65 13 16-0029	EA	900 Ton Blow-Thru Centrifugal Fan Type Cooling Tower <i>For Stainless Steel Cooling Tower, Add</i>	200,541.32 106,778.93	14,386.51
23 65 13 16-0030	EA	950 Ton Blow-Thru Centrifugal Fan Type Cooling Tower <i>For Stainless Steel Cooling Tower, Add</i>	211,377.29 112,565.52	15,144.84
23 65 13 16-0031	EA	1,000 Ton Centrifugal Type Cooling Tower <i>For Stainless Steel Cooling Tower, Add</i>	223,658.16 119,225.56	15,903.16

23 65 14 Induced-Draft Cooling Towers (23 65)

23 65 14 13 Open-Circuit, Induced-Draft Counterflow Cooling Towers (23 65 14)

23 65 14 13-0001 Galvanized Induced Draft Axial Single Flow Propeller Type Cooling Towers

(23 65 14 13)

Note: Includes internal piping, fan, motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping or power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 78 degree F wet bulb. 3 GPM/ton. Excludes crane and associated personnel.

23 65 14 13-0002	EA	10 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	10,035.84 1,232.38 2,464.76	1,213.32
23 65 14 13-0003	EA	20 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	11,907.10 1,490.32 2,980.64	1,310.82
23 65 14 13-0004	EA	30 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	14,247.17 1,805.58 3,611.16	1,473.32
23 65 14 13-0005	EA	40 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	15,812.14 2,006.20 4,012.40	1,624.98
23 65 14 13-0006	EA	50 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	18,747.06 2,407.44 4,814.88	1,798.31
23 65 14 13-0007	EA	60 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	21,827.61 2,838.65 5,677.29	1,939.15
23 65 14 13-0008	EA	75 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	25,064.06 3,267.24 6,534.48	2,199.14
23 65 14 13-0009	EA	100 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	31,190.94 4,012.40 8,024.80	2,762.47
23 65 14 13-0010	EA	125 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	34,003.74 4,356.32 8,712.64	3,087.47
23 65 14 13-0011	EA	150 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	52,059.45 6,970.43 13,940.85	3,477.46
23 65 14 13-0012	EA	200 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	62,981.86 8,400.79 16,801.58	4,344.12
23 65 14 13-0013	EA	300 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	81,326.04 10,479.68 20,959.35	7,128.26

23 65 14 13-0014 Galvanized Induced Draft Double Flow Propeller Type Packaged Cooling

Towers (23 65 14 13)

Note: 3 GPM/ton draft. Includes internal piping, fan, 2-speed motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Excludes crane and associated personnel.

23 65 14 13-0015	EA	100 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	31,190.94 4,012.40 8,024.80	2,762.47
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 14 13-0016	EA		150 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	41,574.15 5,397.63 10,795.26	3,477.46
23 65 14 13-0017	EA		200 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	52,832.57 6,878.40 13,756.79	4,344.12
23 65 14 13-0018	EA		250 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	62,659.58 8,087.58 16,175.15	5,438.28
23 65 14 13-0019	EA		300 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	74,395.24 9,440.06 18,880.11	7,128.26
23 65 14 13-0020	EA		350 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	82,914.63 10,501.84 21,003.68	8,027.42
23 65 14 13-0021	EA		400 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	92,485.49 11,750.60 23,501.19	8,807.40
23 65 14 13-0022	EA		450 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	104,840.08 13,374.66 26,749.32	9,760.73
23 65 14 13-0023	EA		500 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	118,273.46 15,189.80 30,379.59	10,584.06
23 65 14 13-0024	EA		550 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	126,711.26 16,349.84 32,699.68	11,158.21
23 65 14 13-0025	EA		600 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	135,835.08 17,612.79 35,225.58	11,461.54
23 65 14 13-0026	EA		700 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	154,247.07 20,348.59 40,697.18	11,851.54
23 65 14 13-0027	EA		800 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	169,164.46 22,300.20 44,600.40	13,064.86
23 65 14 13-0028	EA		900 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	186,893.70 24,647.59 49,295.18	14,386.51

23 65 14 14 Open-Circuit, Induced-Draft Crossflow Cooling Towers (23 65 14)
23 65 14 14-0001 Galvanized Induced Draft Crossflow Film Filled Propeller Type Cooling Towers (23 65 14 14)

Note: Includes fan, 2-speed motor, geared speed reducer, louvers, drift eliminators, hot water distribution system, cold water collection basin, float valve and access door, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Excludes crane and associated personnel. See CSI section 01 22 23 00-0800 for crane lifting equipment.

23 65 14 14-0002	EA		10 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	8,511.89 1,003.79 2,007.57	1,213.32
23 65 14 14-0003	EA		15 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	9,194.14 1,102.87 2,205.75	1,234.98
23 65 14 14-0004	EA		20 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	9,999.31 1,197.65 2,395.30	1,343.32
23 65 14 14-0005	EA		25 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	11,705.18 1,438.91 2,877.81	1,408.32
23 65 14 14-0006	EA		30 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	13,267.42 1,658.62 3,317.24	1,473.32
23 65 14 14-0007	EA		35 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	14,793.90 1,869.71 3,739.43	1,549.15
23 65 14 14-0008	EA		40 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	16,194.67 2,063.58 4,127.16	1,624.98
23 65 14 14-0009	EA		45 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	17,749.86 2,278.98 4,557.97	1,711.65
23 65 14 14-0010	EA		50 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	19,269.29 2,485.77 4,971.55	1,798.31
23 65 14 14-0011	EA		60 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	22,261.02 2,903.66 5,807.32	1,939.15
23 65 14 14-0012	EA		70 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	25,504.19 3,356.01 6,712.02	2,090.81
23 65 14 14-0013	EA		75 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	27,005.73 3,558.49 7,116.98	2,199.14
23 65 14 14-0014	EA		80 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	28,637.26 3,760.97 7,521.94	2,383.31

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 60 Central Cooling Equipment****23 65 Cooling Towers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 14 14-0015	EA		90 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	29,837.98	2,567.47
			<i>For Polymer Coating Over Galvanized Components, Add</i>	3,898.83	
			<i>For Stainless Steel Support Structure, Add</i>	7,797.66	
23 65 14 14-0016	EA		100 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	32,070.89	2,762.47
			<i>For Polymer Coating Over Galvanized Components, Add</i>	4,144.39	
			<i>For Stainless Steel Support Structure, Add</i>	8,288.78	
23 65 14 14-0017	EA		125 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	33,366.34	3,087.47
			<i>For Polymer Coating Over Galvanized Components, Add</i>	4,260.71	
			<i>For Stainless Steel Support Structure, Add</i>	8,521.42	
23 65 14 14-0018	EA		150 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	38,762.29	3,477.46
			<i>For Polymer Coating Over Galvanized Components, Add</i>	4,975.85	
			<i>For Stainless Steel Support Structure, Add</i>	9,951.71	
23 65 14 14-0019	EA		175 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	42,822.99	3,899.96
			<i>For Polymer Coating Over Galvanized Components, Add</i>	5,484.21	
			<i>For Stainless Steel Support Structure, Add</i>	10,968.42	
23 65 14 14-0020	EA		200 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	45,060.17	4,344.12
			<i>For Polymer Coating Over Galvanized Components, Add</i>	5,712.54	
			<i>For Stainless Steel Support Structure, Add</i>	11,425.07	
23 65 14 14-0021	EA		225 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	52,094.72	4,896.61
			<i>For Polymer Coating Over Galvanized Components, Add</i>	6,634.47	
			<i>For Stainless Steel Support Structure, Add</i>	13,268.94	
23 65 14 14-0022	EA		250 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	57,107.98	5,438.28
			<i>For Polymer Coating Over Galvanized Components, Add</i>	7,254.84	
			<i>For Stainless Steel Support Structure, Add</i>	14,509.67	
23 65 14 14-0023	EA		275 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	61,026.84	6,434.93
			<i>For Polymer Coating Over Galvanized Components, Add</i>	7,603.79	
			<i>For Stainless Steel Support Structure, Add</i>	15,207.59	
23 65 14 14-0024	EA		300 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	65,829.73	7,128.26
			<i>For Polymer Coating Over Galvanized Components, Add</i>	8,155.23	
			<i>For Stainless Steel Support Structure, Add</i>	16,310.46	
23 65 14 14-0025	EA		350 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	75,254.90	8,027.42
			<i>For Polymer Coating Over Galvanized Components, Add</i>	9,352.88	
			<i>For Stainless Steel Support Structure, Add</i>	18,705.76	
23 65 14 14-0026	EA		400 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	82,962.86	8,807.40
			<i>For Polymer Coating Over Galvanized Components, Add</i>	10,322.20	
			<i>For Stainless Steel Support Structure, Add</i>	20,644.40	
23 65 14 14-0027	EA		450 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	91,699.23	9,760.73
			<i>For Polymer Coating Over Galvanized Components, Add</i>	11,403.53	
			<i>For Stainless Steel Support Structure, Add</i>	22,807.07	
23 65 14 14-0028	EA		500 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	99,924.68	10,584.06
			<i>For Polymer Coating Over Galvanized Components, Add</i>	12,437.48	
			<i>For Stainless Steel Support Structure, Add</i>	24,874.96	
23 65 14 14-0029	EA		600 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	114,257.28	11,461.54
			<i>For Polymer Coating Over Galvanized Components, Add</i>	14,376.12	
			<i>For Stainless Steel Support Structure, Add</i>	28,752.24	
23 65 14 14-0030	EA		700 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	128,245.23	11,851.54
			<i>For Polymer Coating Over Galvanized Components, Add</i>	16,448.32	
			<i>For Stainless Steel Support Structure, Add</i>	32,896.63	
23 65 14 14-0031	EA		800 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	143,363.39	13,064.86
			<i>For Polymer Coating Over Galvanized Components, Add</i>	18,430.04	
			<i>For Stainless Steel Support Structure, Add</i>	36,860.08	
23 65 14 14-0032	EA		900 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	158,023.02	14,386.51
			<i>For Polymer Coating Over Galvanized Components, Add</i>	20,316.99	
			<i>For Stainless Steel Support Structure, Add</i>	40,633.98	
23 65 14 14-0033	EA		1,000 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	172,372.00	15,903.16
			<i>For Polymer Coating Over Galvanized Components, Add</i>	22,113.47	
			<i>For Stainless Steel Support Structure, Add</i>	44,226.93	
23 65 14 14-0034	EA		1,100 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	188,710.26	16,672.33
			<i>For Polymer Coating Over Galvanized Components, Add</i>	24,383.83	
			<i>For Stainless Steel Support Structure, Add</i>	48,767.66	
23 65 14 14-0035	EA		1,200 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	204,466.58	17,387.32
			<i>For Polymer Coating Over Galvanized Components, Add</i>	26,576.65	
			<i>For Stainless Steel Support Structure, Add</i>	53,153.31	
23 65 14 14-0036	EA		1,300 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	217,461.90	18,882.30
			<i>For Polymer Coating Over Galvanized Components, Add</i>	28,174.96	
			<i>For Stainless Steel Support Structure, Add</i>	56,349.92	
23 65 14 14-0037	EA		1,400 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	230,027.44	20,485.62
			<i>For Polymer Coating Over Galvanized Components, Add</i>	29,682.79	
			<i>For Stainless Steel Support Structure, Add</i>	59,365.58	
23 65 14 14-0038	EA		1,500 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	242,130.68	22,175.59
			<i>For Polymer Coating Over Galvanized Components, Add</i>	31,100.16	
			<i>For Stainless Steel Support Structure, Add</i>	62,200.31	
23 65 14 14-0039	EA		1,600 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	253,302.51	23,703.08
			<i>For Polymer Coating Over Galvanized Components, Add</i>	32,418.43	
			<i>For Stainless Steel Support Structure, Add</i>	64,836.87	
23 65 14 14-0040	EA		1,700 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	264,199.98	25,447.23
			<i>For Polymer Coating Over Galvanized Components, Add</i>	33,641.93	
			<i>For Stainless Steel Support Structure, Add</i>	67,283.87	
23 65 14 14-0041	EA		1,800 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	274,927.60	27,462.22
			<i>For Polymer Coating Over Galvanized Components, Add</i>	34,774.96	
			<i>For Stainless Steel Support Structure, Add</i>	69,549.93	
23 65 14 14-0042	EA		1,900 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	284,983.90	29,477.19
			<i>For Polymer Coating Over Galvanized Components, Add</i>	35,808.91	
			<i>For Stainless Steel Support Structure, Add</i>	71,617.81	
23 65 14 14-0043	EA		2,000 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	295,585.37	32,228.83
			<i>For Polymer Coating Over Galvanized Components, Add</i>	36,752.38	
			<i>For Stainless Steel Support Structure, Add</i>	73,504.76	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 65 14 14-0044 Induced Draft Crossflow Stainless Steel Propeller Type Cooling Towers ^(23 65 14 14)

Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0800 for crane lifting equipment.

23 65 14 14-0045	EA		100 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	86,279.39	2,762.47
			<i>For Induced Draft Counter Flow Type, Add</i>	4,091.89	
23 65 14 14-0046	EA		125 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	97,793.93	3,065.80
			<i>For Induced Draft Counter Flow Type, Add</i>	4,641.62	
23 65 14 14-0047	EA		150 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	106,871.68	3,477.46
			<i>For Induced Draft Counter Flow Type, Add</i>	5,064.09	
23 65 14 14-0048	EA		200 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	118,777.27	4,344.12
			<i>For Induced Draft Counter Flow Type, Add</i>	5,590.03	
23 65 14 14-0049	EA		250 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	134,506.92	5,438.28
			<i>For Induced Draft Counter Flow Type, Add</i>	6,288.23	
23 65 14 14-0050	EA		300 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	154,377.71	7,128.26
			<i>For Induced Draft Counter Flow Type, Add</i>	7,145.81	
23 65 14 14-0051	EA		350 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	168,175.61	8,027.42
			<i>For Induced Draft Counter Flow Type, Add</i>	7,763.66	
23 65 14 14-0052	EA		400 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	181,778.50	8,807.40
			<i>For Induced Draft Counter Flow Type, Add</i>	8,381.52	
23 65 14 14-0053	EA		500 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	209,785.38	10,584.06
			<i>For Induced Draft Counter Flow Type, Add</i>	9,638.86	
23 65 14 14-0054	EA		600 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	236,987.23	11,461.54
			<i>For Induced Draft Counter Flow Type, Add</i>	10,928.54	
23 65 14 14-0055	EA		750 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	293,575.33	12,458.20
			<i>For Induced Draft Counter Flow Type, Add</i>	13,649.61	
23 65 14 14-0056	EA		1,000 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	381,121.89	15,903.16
			<i>For Induced Draft Counter Flow Type, Add</i>	17,808.65	

23 65 14 16 Closed-Circuit, Induced-Draft Counterflow Cooling Towers ^(23 65 14 16)

23 65 14 16-0001 Stainless Steel Packaged Propeller Type Cooling Towers ^(23 65 14 16)

Note: Including internal piping, fan, motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping or power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 79 degree F wet Bulb. 3 GPM/ton.

23 65 14 16-0002 Draw-Thru Stainless Steel Propeller Type Cooling Towers ^(23 65 14 16-0001)

Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0800 for crane lifting equipment.

23 65 14 16-0003	EA		50 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	36,229.53	1,798.31
23 65 14 16-0004	EA		75 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	51,511.05	2,199.14
23 65 14 16-0005	EA		100 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	60,691.16	2,762.47
23 65 14 16-0006	EA		125 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	68,803.65	3,087.47
23 65 14 16-0007	EA		150 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	75,473.40	3,477.46
23 65 14 16-0008	EA		200 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	90,493.96	4,344.12
23 65 14 16-0009	EA		250 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	106,484.99	5,438.28
23 65 14 16-0010	EA		300 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	126,197.24	7,128.26
23 65 14 16-0011	EA		350 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	138,144.15	8,027.42
23 65 14 16-0012	EA		400 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	156,635.88	8,807.40
23 65 14 16-0013	EA		500 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	181,553.49	10,584.06
23 65 14 16-0014	EA		600 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	204,980.88	11,461.54
23 65 14 16-0015	EA		750 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	253,597.95	12,458.20
23 65 14 16-0016	EA		1,000 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	323,056.90	15,729.83

23 65 14 16-0017 Belt Driven Stainless Steel Propeller Type Cooling Towers ^(23 65 14 16-0001)

Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0800 for crane lifting equipment.

23 65 14 16-0018	EA		100 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	63,223.42	2,762.47
23 65 14 16-0019	EA		125 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	68,409.46	3,087.47
23 65 14 16-0020	EA		150 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	73,708.10	3,477.46
23 65 14 16-0021	EA		200 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	87,156.18	4,344.12
23 65 14 16-0022	EA		250 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	96,034.60	5,438.28

23 65 14 16-0023 Fiberglass Packaged Draw-Thru Propeller Type Cooling Towers ^(23 65 14 16)

Note: Includes internal piping, fan, 2-speed motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 78 degree F wet bulb. 3 GPM/ton. Excludes crane and associated personnel.

23 65 14 16-0024	EA		5 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	4,247.50	1,126.66
23 65 14 16-0025	EA		8 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	4,470.92	1,180.82
23 65 14 16-0026	EA		10 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	5,184.40	1,213.32
23 65 14 16-0027	EA		15 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	5,848.86	1,234.98
23 65 14 16-0028	EA		20 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	7,636.01	1,343.32
23 65 14 16-0029	EA		25 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	8,075.43	1,408.32
23 65 14 16-0030	EA		30 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	9,116.60	1,473.32
23 65 14 16-0031	EA		40 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	10,506.62	1,624.98
23 65 14 16-0032	EA		50 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	11,723.96	1,798.31
23 65 14 16-0033	EA		60 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	13,133.32	1,939.15
23 65 14 16-0034	EA		70 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	15,138.77	2,090.81
23 65 14 16-0035	EA		80 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	16,488.42	2,383.31
23 65 14 16-0036	EA		100 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	19,965.09	2,762.47
23 65 14 16-0037	EA		125 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	24,655.78	3,087.47
23 65 14 16-0038	EA		150 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	27,691.16	3,477.46
23 65 14 16-0039	EA		175 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	33,600.92	3,899.96
23 65 14 16-0040	EA		200 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	37,475.19	4,344.12
23 65 14 16-0041	EA		225 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	41,427.05	4,896.61
23 65 14 16-0042	EA		250 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	45,203.96	5,438.28
23 65 14 16-0043	EA		300 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	54,200.60	7,128.26

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 60 Central Cooling Equipment

23 65 Cooling Towers

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 65 14 16-0044	EA	350 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	61,590.71	8,027.42
23 65 14 16-0045	EA	400 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	68,443.88	8,807.40
23 65 14 16-0046	EA	500 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	83,202.42	10,367.40
23 65 14 16-0047	EA	600 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	95,004.87	11,461.54
23 65 14 16-0048	EA	700 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	100,398.56	8,807.40
23 65 14 16-0049	EA	800 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	115,083.12	13,064.86
23 65 14 16-0050	EA	1,000 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	131,216.43	10,887.38

23 65 43 Cooling Tower Basins and Accessories (23 65)

23 65 43 00-0001 Fiberglass Cooling Tower Remote Sump Basins (23 65 43)

Note: Includes one inlet sleeve. Excludes cover, excavation, backfill, concrete cut and concrete patch. Excludes crane and associated personnel. See CSI section 01 22 23 00-0800 for crane lifting equipment.

23 65 43 00-0002	EA	30" Diameter x 30" Depth, 92 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,290.48	
		For Anti-Flotation Flanges, Add	115.00	
		For Perforated Basins, Add	80.00	
23 65 43 00-0003	EA	30" Diameter x 36" Depth, 110 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,460.42	
		For Anti-Flotation Flanges, Add	115.00	
		For Perforated Basins, Add	80.00	
23 65 43 00-0004	EA	36" Diameter x 30" Depth, 132 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,434.27	
		For Anti-Flotation Flanges, Add	253.00	
		For Perforated Basins, Add	80.00	
23 65 43 00-0005	EA	36" Diameter x 36" Depth, 159 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,680.79	
		For Anti-Flotation Flanges, Add	253.00	
		For Perforated Basins, Add	80.00	
23 65 43 00-0006	EA	42" Diameter x 30" Depth, 180 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,822.74	
		For Anti-Flotation Flanges, Add	276.00	
		For Perforated Basins, Add	100.00	
23 65 43 00-0007	EA	42" Diameter x 36" Depth, 216 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	2,023.49	
		For Anti-Flotation Flanges, Add	276.00	
		For Perforated Basins, Add	100.00	
23 65 43 00-0008	EA	42" Diameter x 42" Depth, 252 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	2,224.25	
		For Anti-Flotation Flanges, Add	276.00	
		For Perforated Basins, Add	100.00	
23 65 43 00-0009	EA	48" Diameter x 36" Depth, 282 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	2,251.31	
		For Anti-Flotation Flanges, Add	294.00	
		For Perforated Basins, Add	140.00	
23 65 43 00-0010	EA	48" Diameter x 42" Depth, 329 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	2,488.47	
		For Anti-Flotation Flanges, Add	294.00	
		For Perforated Basins, Add	140.00	
23 65 43 00-0011	EA	48" Diameter x 48" Depth, 376 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	2,836.78	
		For Anti-Flotation Flanges, Add	294.00	
		For Perforated Basins, Add	140.00	
23 65 43 00-0012	EA	48" Diameter x 54" Depth, 423 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	3,187.88	
		For Anti-Flotation Flanges, Add	294.00	
		For Perforated Basins, Add	140.00	
23 65 43 00-0013	EA	48" Diameter x 60" Depth, 470 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	3,419.46	
		For Anti-Flotation Flanges, Add	294.00	
		For Perforated Basins, Add	140.00	

23 70 Central HVAC Equipment (23)

Note: New air filters shall be provided on HVAC equipment prior to turning over to owner. Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 16-0001 for disconnect.

23 71 Thermal Storage (23 70)

23 71 13 Thermal Heat Storage (23 71)

23 71 13 23 Pressurized-Water Thermal Storage Tanks (23 71 13)

23 71 13 23-0001 Nickelshield Storage Tanks (23 71 13 23)

23 71 13 23-0002	EA	325 Gallon Nickelshield Storage Tank	28,856.80	205.56
23 71 13 23-0003	EA	490 Gallon Nickelshield Storage Tank	40,270.33	272.54
23 71 13 23-0004	EA	605 Gallon Nickelshield Storage Tank	46,102.57	329.65
23 71 13 23-0005	EA	740 Gallon Nickelshield Storage Tank	54,584.80	412.05
23 71 13 23-0006	EA	940 Gallon Nickelshield Storage Tank	63,501.76	547.76
23 71 13 23-0007	EA	1,505 Gallon Nickelshield Storage Tank	82,039.91	824.21
23 71 13 23-0008	EA	1,615 Gallon Nickelshield Storage Tank	92,644.43	928.33
23 71 13 23-0009	EA	2,275 Gallon Nickelshield Storage Tank	127,228.33	1,233.07
23 71 13 23-0010	EA	3,815 Gallon Nickelshield Storage Tank	164,633.22	1,433.49

23 72 Air-To-Air Energy Recovery Equipment (23 70)

23 72 13 Heat-Wheel Air-To-Air Energy-Recovery Equipment (23 72)

23 72 13 00-0001 Enthalpy Recovery Wheel (23 72 13)

23 72 13 00-0002	EA	Up To 1,000 CFM Enthalpy Recovery Wheel	10,244.73	773.93
23 72 13 00-0003	EA	>1,000 To 2,000 CFM Enthalpy Recovery Wheel	11,374.21	928.95
23 72 13 00-0004	EA	>2,000 To 4,000 CFM Enthalpy Recovery Wheel	14,232.78	1,161.19
23 72 13 00-0005	EA	>4,000 To 6,000 CFM Enthalpy Recovery Wheel	16,643.54	1,326.65
23 72 13 00-0006	EA	>6,000 To 8,000 CFM Enthalpy Recovery Wheel	18,414.41	1,393.43
23 72 13 00-0007	EA	>8,000 To 10,000 CFM Enthalpy Recovery Wheel	22,378.36	1,548.44
23 72 13 00-0008	EA	>10,000 To 15,000 CFM Enthalpy Recovery Wheel	29,718.36	1,625.66
23 72 13 00-0009	EA	>15,000 To 20,000 CFM Enthalpy Recovery Wheel	37,010.53	1,741.78

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 72 13 00-0010	EA	>20,000 To 25,000 CFM Enthalpy Recovery Wheel.....	44,817.78	1,990.28
23 72 13 00-0011	EA	>25,000 To 30,000 CFM Enthalpy Recovery Wheel.....	50,231.75	2,554.61
23 72 13 00-0012	EA	>30,000 To 40,000 CFM Enthalpy Recovery Wheel.....	67,311.51	2,902.97
23 72 13 00-0013	EA	>40,000 To 50,000 CFM Enthalpy Recovery Wheel.....	80,062.44	3,483.56

23 72 16 Heat-Pipe Air-To-Air Energy-Recovery Equipment (23 72)

23 72 16 00-0001 Glycol Heat Pipe Type, 50 Percent Efficient <small>(23 72 16)</small>				
23 72 16 00-0002	EA	100 MBH, 1,700 CFM Glycol Heat Recovery Unit.....	18,454.89	580.59
23 72 16 00-0003	EA	160 MBH, 2,700 CFM Glycol Heat Recovery Unit.....	29,014.71	774.16
23 72 16 00-0004	EA	620 MBH, 4,000 CFM Glycol Heat Recovery Unit.....	43,013.43	1,161.19

23 73 Indoor Central-Station Air-Handling Units (23 70)

23 73 13 Modular Indoor Central-Station Air-Handling Units (23 73)

Note: Sized by CFM. Includes motor drive vibration isolators. Use modifiers for Filters and heating and cooling coils. Includes double wall insulated casing, fan section, fan motor, internal dampers, starter, vibration isolators and equipment rigging. Variable speed drives are included on units with 10 HP or greater fans. Modifiers include cooling coil sections with 6 row aluminum fin coil and drain pan, heating coil section with 1 row aluminum fin coil, and filter section with replaceable filters.

23 73 13 00-0001 Single Zone Units <small>(23 73 13)</small>				
Note: Horizontal/vertical draw-thru fan, motor and cabinet.				
23 73 13 00-0002	EA	300 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	2,560.06	585.29
		<i>For Flat Filter Box And Throwaway Filters, Add</i>	214.20	
		<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	403.32	
		<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	600.79	
		<i>For Manual Roll Filter, Add</i>	1,031.77	
		<i>For Automatic Roll Filter, Add</i>	1,117.97	
		<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	514.60	
		<i>For Electric Heating Coil, Add</i>	859.38	
		<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	859.38	
		<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	773.19	
		<i>For Steam Heating Coil, Aluminum Fins, Add</i>	686.99	
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	558.99	
		<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	1,031.77	
		<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	945.58	
		<i>For Hot Water Heating Coil, Copper Fins, Add</i>	686.99	
		<i>For Variable Air Volume, Add</i>	241.35	
		<i>For Economizer, Panel, Controls And Damper(s), Add</i>	1,225.29	
		<i>For 2 Coils, Independent Circuits, Add</i>	290.48	
23 73 13 00-0003	EA	500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	4,052.58	702.35
		<i>For Flat Filter Box And Throwaway Filters, Add</i>	355.13	
		<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	680.18	
		<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	1,015.26	
		<i>For Manual Roll Filter, Add</i>	1,777.77	
		<i>For Automatic Roll Filter, Add</i>	1,930.27	
		<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	862.76	
		<i>For Electric Heating Coil, Add</i>	1,472.77	
		<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	1,472.77	
		<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	1,320.27	
		<i>For Steam Heating Coil, Aluminum Fins, Add</i>	1,167.77	
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	965.14	
		<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	1,777.77	
		<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	1,625.27	
		<i>For Hot Water Heating Coil, Copper Fins, Add</i>	1,167.77	
		<i>For Variable Air Volume, Add</i>	427.00	
		<i>For Economizer, Panel, Controls And Damper(s), Add</i>	1,341.79	
		<i>For 2 Coils, Independent Circuits, Add</i>	466.26	
23 73 13 00-0004	EA	800 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	4,582.69	754.29
		<i>For Flat Filter Box And Throwaway Filters, Add</i>	404.39	
		<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	776.46	
		<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	1,159.31	
		<i>For Manual Roll Filter, Add</i>	2,035.61	
		<i>For Automatic Roll Filter, Add</i>	2,210.87	
		<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	984.05	
		<i>For Electric Heating Coil, Add</i>	1,685.09	
		<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	1,685.09	
		<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	1,509.83	
		<i>For Steam Heating Coil, Aluminum Fins, Add</i>	1,334.57	
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	1,105.43	
		<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	2,035.61	
		<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	1,860.35	
		<i>For Hot Water Heating Coil, Copper Fins, Add</i>	1,334.57	
		<i>For Variable Air Volume, Add</i>	490.73	
		<i>For Economizer, Panel, Controls And Damper(s), Add</i>	1,394.24	
		<i>For 2 Coils, Independent Circuits, Add</i>	528.37	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 73 13 00-0005	EA	1,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	5,172.21	810.52
		For Flat Filter Box And Throwaway Filters, Add	459.32	
		For Medium Capacity Filter Box And Throwaway Filters, Add	883.89	
		For Combination Filter Mixing Box And Throwaway Filters, Add	1,320.05	
		For Manual Roll Filter, Add	2,323.58	
		For Automatic Roll Filter, Add	2,524.29	
		For Hot Water Heating Coil, Aluminum Fins, Add	1,119.34	
		For Electric Heating Coil, Add	1,922.17	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	1,922.17	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	1,721.46	
		For Steam Heating Coil, Aluminum Fins, Add	1,520.75	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,262.14	
		For Chilled Water Cooling Coil, Copper Fins, Add	2,323.58	
		For Direct Expansion Cooling Coil, Copper Fins, Add	2,122.87	
		For Hot Water Heating Coil, Copper Fins, Add	1,520.75	
		For Variable Air Volume, Add	561.98	
		For Economizer, Panel, Controls And Damper(s), Add	1,450.66	
		For 2 Coils, Independent Circuits, Add	597.50	
23 73 13 00-0006	EA	1,200 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	5,867.66	871.98
		For Flat Filter Box And Throwaway Filters, Add	524.55	
		For Medium Capacity Filter Box And Throwaway Filters, Add	1,011.78	
		For Combination Filter Mixing Box And Throwaway Filters, Add	1,511.45	
		For Manual Roll Filter, Add	2,667.31	
		For Automatic Roll Filter, Add	2,898.48	
		For Hot Water Heating Coil, Aluminum Fins, Add	1,280.28	
		For Electric Heating Coil, Add	2,204.96	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	2,204.96	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	1,973.79	
		For Steam Heating Coil, Aluminum Fins, Add	1,742.62	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,449.24	
		For Chilled Water Cooling Coil, Copper Fins, Add	2,667.31	
		For Direct Expansion Cooling Coil, Copper Fins, Add	2,436.13	
		For Hot Water Heating Coil, Copper Fins, Add	1,742.62	
		For Variable Air Volume, Add	647.28	
		For Economizer, Panel, Controls And Damper(s), Add	1,510.97	
		For 2 Coils, Independent Circuits, Add	679.23	
23 73 13 00-0007	EA	1,400 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	6,678.90	937.09
		For Flat Filter Box And Throwaway Filters, Add	600.96	
		For Medium Capacity Filter Box And Throwaway Filters, Add	1,161.75	
		For Combination Filter Mixing Box And Throwaway Filters, Add	1,735.94	
		For Manual Roll Filter, Add	3,070.99	
		For Automatic Roll Filter, Add	3,338.01	
		For Hot Water Heating Coil, Aluminum Fins, Add	1,468.92	
		For Electric Heating Coil, Add	2,536.97	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	2,536.97	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	2,269.96	
		For Steam Heating Coil, Aluminum Fins, Add	2,002.95	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,669.00	
		For Chilled Water Cooling Coil, Copper Fins, Add	3,070.99	
		For Direct Expansion Cooling Coil, Copper Fins, Add	2,803.98	
		For Hot Water Heating Coil, Copper Fins, Add	2,002.95	
		For Variable Air Volume, Add	747.63	
		For Economizer, Panel, Controls And Damper(s), Add	1,577.07	
		For 2 Coils, Independent Circuits, Add	774.69	
23 73 13 00-0008	EA	1,600 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	7,314.00	1,007.44
		For Flat Filter Box And Throwaway Filters, Add	659.59	
		For Medium Capacity Filter Box And Throwaway Filters, Add	1,276.10	
		For Combination Filter Mixing Box And Throwaway Filters, Add	1,906.97	
		For Manual Roll Filter, Add	3,376.43	
		For Automatic Roll Filter, Add	3,670.32	
		For Hot Water Heating Coil, Aluminum Fins, Add	1,613.08	
		For Electric Heating Coil, Add	2,788.64	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	2,788.64	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	2,494.75	
		For Steam Heating Coil, Aluminum Fins, Add	2,200.86	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,835.16	
		For Chilled Water Cooling Coil, Copper Fins, Add	3,376.43	
		For Direct Expansion Cooling Coil, Copper Fins, Add	3,082.54	
		For Hot Water Heating Coil, Copper Fins, Add	2,200.86	
		For Variable Air Volume, Add	822.90	
		For Economizer, Panel, Controls And Damper(s), Add	1,645.31	
		For 2 Coils, Independent Circuits, Add	848.96	
23 73 13 00-0009	EA	1,800 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	8,001.98	1,085.72
		For Flat Filter Box And Throwaway Filters, Add	722.66	
		For Medium Capacity Filter Box And Throwaway Filters, Add	1,398.81	
		For Combination Filter Mixing Box And Throwaway Filters, Add	2,090.46	
		For Manual Roll Filter, Add	3,703.28	
		For Automatic Roll Filter, Add	4,025.84	
		For Hot Water Heating Coil, Aluminum Fins, Add	1,767.89	
		For Electric Heating Coil, Add	3,058.15	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	3,058.15	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	2,735.59	
		For Steam Heating Coil, Aluminum Fins, Add	2,413.02	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	2,012.92	
		For Chilled Water Cooling Coil, Copper Fins, Add	3,703.28	
		For Direct Expansion Cooling Coil, Copper Fins, Add	3,380.71	
		For Hot Water Heating Coil, Copper Fins, Add	2,413.02	
		For Variable Air Volume, Add	903.18	
		For Economizer, Panel, Controls And Damper(s), Add	1,602.88	
		For 2 Coils, Independent Circuits, Add	929.22	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73	13 00-0010	EA	2,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	8,759.37	1,163.99
			For Flat Filter Box And Throwaway Filters, Add	792.79	
			For Medium Capacity Filter Box And Throwaway Filters, Add	1,535.69	
			For Combination Filter Mixing Box And Throwaway Filters, Add	2,295.22	
			For Manual Roll Filter, Add	4,069.33	
			For Automatic Roll Filter, Add	4,424.15	
			For Hot Water Heating Coil, Aluminum Fins, Add	1,940.40	
			For Electric Heating Coil, Add	3,359.68	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	3,359.68	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	3,004.86	
			For Steam Heating Coil, Aluminum Fins, Add	2,650.04	
			For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	2,212.07	
			For Chilled Water Cooling Coil, Copper Fins, Add	4,069.33	
			For Direct Expansion Cooling Coil, Copper Fins, Add	3,714.51	
			For Hot Water Heating Coil, Copper Fins, Add	2,650.04	
			For Variable Air Volume, Add	993.50	
			For Economizer, Panel, Controls And Damper(s), Add	1,664.62	
			For 2 Coils, Independent Circuits, Add	1,017.87	
23 73	13 00-0011	EA	2,250 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	9,457.23	1,251.16
			For Flat Filter Box And Throwaway Filters, Add	856.35	
			For Medium Capacity Filter Box And Throwaway Filters, Add	1,659.09	
			For Combination Filter Mixing Box And Throwaway Filters, Add	2,479.70	
			For Manual Roll Filter, Add	4,397.16	
			For Automatic Roll Filter, Add	4,780.65	
			For Hot Water Heating Coil, Aluminum Fins, Add	2,096.20	
			For Electric Heating Coil, Add	3,630.17	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	3,630.17	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	3,246.68	
			For Steam Heating Coil, Aluminum Fins, Add	2,863.19	
			For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	2,390.33	
			For Chilled Water Cooling Coil, Copper Fins, Add	4,397.16	
			For Direct Expansion Cooling Coil, Copper Fins, Add	4,013.67	
			For Hot Water Heating Coil, Copper Fins, Add	2,863.19	
			For Variable Air Volume, Add	1,073.78	
			For Economizer, Panel, Controls And Damper(s), Add	1,733.05	
			For 2 Coils, Independent Circuits, Add	1,099.12	
23 73	13 00-0012	EA	2,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	10,202.17	1,346.28
			For Flat Filter Box And Throwaway Filters, Add	924.07	
			For Medium Capacity Filter Box And Throwaway Filters, Add	1,790.44	
			For Combination Filter Mixing Box And Throwaway Filters, Add	2,676.05	
			For Manual Roll Filter, Add	4,745.83	
			For Automatic Roll Filter, Add	5,159.79	
			For Hot Water Heating Coil, Aluminum Fins, Add	2,262.09	
			For Electric Heating Coil, Add	3,917.92	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	3,917.92	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	3,503.96	
			For Steam Heating Coil, Aluminum Fins, Add	3,090.00	
			For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	2,579.90	
			For Chilled Water Cooling Coil, Copper Fins, Add	4,745.83	
			For Direct Expansion Cooling Coil, Copper Fins, Add	4,331.88	
			For Hot Water Heating Coil, Copper Fins, Add	3,090.00	
			For Variable Air Volume, Add	1,159.08	
			For Economizer, Panel, Controls And Damper(s), Add	1,807.66	
			For 2 Coils, Independent Circuits, Add	1,185.80	
23 73	13 00-0013	EA	3,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	11,867.22	1,558.34
			For Flat Filter Box And Throwaway Filters, Add	1,075.42	
			For Medium Capacity Filter Box And Throwaway Filters, Add	2,084.05	
			For Combination Filter Mixing Box And Throwaway Filters, Add	3,114.94	
			For Manual Roll Filter, Add	5,525.21	
			For Automatic Roll Filter, Add	6,007.27	
			For Hot Water Heating Coil, Aluminum Fins, Add	2,632.89	
			For Electric Heating Coil, Add	4,561.10	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	4,561.10	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	4,079.05	
			For Steam Heating Coil, Aluminum Fins, Add	3,596.99	
			For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	3,003.63	
			For Chilled Water Cooling Coil, Copper Fins, Add	5,525.21	
			For Direct Expansion Cooling Coil, Copper Fins, Add	5,043.16	
			For Hot Water Heating Coil, Copper Fins, Add	3,596.99	
			For Variable Air Volume, Add	1,349.75	
			For Economizer, Panel, Controls And Damper(s), Add	1,974.37	
			For 2 Coils, Independent Circuits, Add	1,379.54	
23 73	13 00-0014	EA	3,250 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	12,428.39	1,674.67
			For Flat Filter Box And Throwaway Filters, Add	1,123.19	
			For Medium Capacity Filter Box And Throwaway Filters, Add	2,174.58	
			For Combination Filter Mixing Box And Throwaway Filters, Add	3,249.91	
			For Manual Roll Filter, Add	5,758.74	
			For Automatic Roll Filter, Add	6,260.51	
			For Hot Water Heating Coil, Aluminum Fins, Add	2,748.14	
			For Electric Heating Coil, Add	4,755.21	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	4,755.21	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	4,253.44	
			For Steam Heating Coil, Aluminum Fins, Add	3,751.67	
			For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	3,130.25	
			For Chilled Water Cooling Coil, Copper Fins, Add	5,758.74	
			For Direct Expansion Cooling Coil, Copper Fins, Add	5,256.98	
			For Hot Water Heating Coil, Copper Fins, Add	3,751.67	
			For Variable Air Volume, Add	1,404.95	
			For Economizer, Panel, Controls And Damper(s), Add	2,066.18	
			For 2 Coils, Independent Circuits, Add	1,443.55	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 70 Central HVAC Equipment

23 73 Indoor Central-Station Air-Handling Units



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 73 13 00-0015	EA	3,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	13,000.71	1,799.77
		<i>For Flat Filter Box And Throwaway Filters, Add</i>	1,171.51	
		<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	2,265.90	
		<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	3,385.99	
		<i>For Manual Roll Filter, Add</i>	5,993.38	
		<i>For Automatic Roll Filter, Add</i>	6,514.86	
		<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	2,864.51	
		<i>For Electric Heating Coil, Add</i>	4,950.42	
		<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	4,950.42	
		<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	4,428.95	
		<i>For Steam Heating Coil, Aluminum Fins, Add</i>	3,907.47	
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	3,257.43	
		<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	5,993.38	
		<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	5,471.90	
		<i>For Hot Water Heating Coil, Copper Fins, Add</i>	3,907.47	
		<i>For Variable Air Volume, Add</i>	1,460.14	
		<i>For Economizer, Panel, Controls And Damper(s), Add</i>	2,164.12	
		<i>For 2 Coils, Independent Circuits, Add</i>	1,508.66	
23 73 13 00-0016	EA	4,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	14,258.97	2,077.78
		<i>For Flat Filter Box And Throwaway Filters, Add</i>	1,277.44	
		<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	2,465.80	
		<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	3,683.85	
		<i>For Manual Roll Filter, Add</i>	6,506.28	
		<i>For Automatic Roll Filter, Add</i>	7,070.77	
		<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	3,119.36	
		<i>For Electric Heating Coil, Add</i>	5,377.31	
		<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	5,377.31	
		<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	4,812.82	
		<i>For Steam Heating Coil, Aluminum Fins, Add</i>	4,248.33	
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	3,535.39	
		<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	6,506.28	
		<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	5,941.80	
		<i>For Hot Water Heating Coil, Copper Fins, Add</i>	4,248.33	
		<i>For Variable Air Volume, Add</i>	1,580.57	
		<i>For Economizer, Panel, Controls And Damper(s), Add</i>	2,127.69	
		<i>For 2 Coils, Independent Circuits, Add</i>	1,651.69	
23 73 13 00-0017	EA	4,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	14,258.97	2,077.78
		<i>For Flat Filter Box And Throwaway Filters, Add</i>	1,277.44	
		<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	2,465.80	
		<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	3,683.85	
		<i>For Manual Roll Filter, Add</i>	6,506.28	
		<i>For Automatic Roll Filter, Add</i>	7,070.77	
		<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	3,119.36	
		<i>For Electric Heating Coil, Add</i>	5,377.31	
		<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	5,377.31	
		<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	4,812.82	
		<i>For Steam Heating Coil, Aluminum Fins, Add</i>	4,248.33	
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	3,535.39	
		<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	6,506.28	
		<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	5,941.80	
		<i>For Hot Water Heating Coil, Copper Fins, Add</i>	4,248.33	
		<i>For Variable Air Volume, Add</i>	1,580.57	
		<i>For Economizer, Panel, Controls And Damper(s), Add</i>	2,127.69	
		<i>For 2 Coils, Independent Circuits, Add</i>	1,651.69	
23 73 13 00-0018	EA	5,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	15,631.61	2,386.53
		<i>For Flat Filter Box And Throwaway Filters, Add</i>	1,392.66	
		<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	2,683.02	
		<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	4,007.48	
		<i>For Manual Roll Filter, Add</i>	7,062.89	
		<i>For Automatic Roll Filter, Add</i>	7,673.97	
		<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	3,396.40	
		<i>For Electric Heating Coil, Add</i>	5,840.72	
		<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	5,840.72	
		<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	5,229.64	
		<i>For Steam Heating Coil, Aluminum Fins, Add</i>	4,618.56	
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	3,836.98	
		<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	7,062.89	
		<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	6,451.81	
		<i>For Hot Water Heating Coil, Copper Fins, Add</i>	4,618.56	
		<i>For Variable Air Volume, Add</i>	1,711.03	
		<i>For Economizer, Panel, Controls And Damper(s), Add</i>	2,304.00	
		<i>For 2 Coils, Independent Circuits, Add</i>	1,807.59	
23 73 13 00-0019	EA	5,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	16,423.07	2,589.19
		<i>For Flat Filter Box And Throwaway Filters, Add</i>	1,457.32	
		<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	2,803.65	
		<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	4,186.98	
		<i>For Manual Roll Filter, Add</i>	7,367.82	
		<i>For Automatic Roll Filter, Add</i>	8,003.99	
		<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	3,550.81	
		<i>For Electric Heating Coil, Add</i>	6,095.49	
		<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	6,095.49	
		<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	5,459.32	
		<i>For Steam Heating Coil, Aluminum Fins, Add</i>	4,823.15	
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	4,002.00	
		<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	7,367.82	
		<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	6,731.66	
		<i>For Hot Water Heating Coil, Copper Fins, Add</i>	4,823.15	
		<i>For Variable Air Volume, Add</i>	1,781.27	
		<i>For Economizer, Panel, Controls And Damper(s), Add</i>	2,419.88	
		<i>For 2 Coils, Independent Circuits, Add</i>	1,896.77	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0020	EA		6,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	17,199.15	2,781.60
			For Flat Filter Box And Throwaway Filters, Add	1,521.21	
			For Medium Capacity Filter Box And Throwaway Filters, Add	2,923.21	
			For Combination Filter Mixing Box And Throwaway Filters, Add	4,364.94	
			For Manual Roll Filter, Add	7,671.23	
			For Automatic Roll Filter, Add	8,332.49	
			For Hot Water Heating Coil, Aluminum Fins, Add	3,703.69	
			For Electric Heating Coil, Add	6,348.71	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	6,348.71	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	5,687.46	
			For Steam Heating Coil, Aluminum Fins, Add	5,026.20	
			For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	4,166.24	
			For Chilled Water Cooling Coil, Copper Fins, Add	7,671.23	
			For Direct Expansion Cooling Coil, Copper Fins, Add	7,009.97	
			For Hot Water Heating Coil, Copper Fins, Add	5,026.20	
			For Variable Air Volume, Add	1,851.52	
			For Economizer, Panel, Controls And Damper(s), Add	2,529.60	
			For 2 Coils, Independent Circuits, Add	1,984.42	
23 73 13 00-0021	EA		6,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	17,979.87	2,977.67
			For Flat Filter Box And Throwaway Filters, Add	1,585.34	
			For Medium Capacity Filter Box And Throwaway Filters, Add	3,043.09	
			For Combination Filter Mixing Box And Throwaway Filters, Add	4,543.37	
			For Manual Roll Filter, Add	7,975.10	
			For Automatic Roll Filter, Add	8,661.44	
			For Hot Water Heating Coil, Aluminum Fins, Add	3,857.02	
			For Electric Heating Coil, Add	6,602.41	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	6,602.41	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	5,916.06	
			For Steam Heating Coil, Aluminum Fins, Add	5,229.71	
			For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	4,330.72	
			For Chilled Water Cooling Coil, Copper Fins, Add	7,975.10	
			For Direct Expansion Cooling Coil, Copper Fins, Add	7,288.75	
			For Hot Water Heating Coil, Copper Fins, Add	5,229.71	
			For Variable Air Volume, Add	1,921.77	
			For Economizer, Panel, Controls And Damper(s), Add	2,641.18	
			For 2 Coils, Independent Circuits, Add	2,072.53	
23 73 13 00-0022	EA		7,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	18,879.39	3,205.21
			For Flat Filter Box And Throwaway Filters, Add	1,658.99	
			For Medium Capacity Filter Box And Throwaway Filters, Add	3,180.60	
			For Combination Filter Mixing Box And Throwaway Filters, Add	4,748.01	
			For Manual Roll Filter, Add	8,323.10	
			For Automatic Roll Filter, Add	9,038.12	
			For Hot Water Heating Coil, Aluminum Fins, Add	4,032.99	
			For Electric Heating Coil, Add	6,893.07	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	6,893.07	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	6,178.05	
			For Steam Heating Coil, Aluminum Fins, Add	5,463.03	
			For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	4,519.06	
			For Chilled Water Cooling Coil, Copper Fins, Add	8,323.10	
			For Direct Expansion Cooling Coil, Copper Fins, Add	7,608.08	
			For Hot Water Heating Coil, Copper Fins, Add	5,463.03	
			For Variable Air Volume, Add	2,002.05	
			For Economizer, Panel, Controls And Damper(s), Add	2,771.61	
			For 2 Coils, Independent Circuits, Add	2,173.95	
23 73 13 00-0023	EA		7,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	19,792.22	3,434.20
			For Flat Filter Box And Throwaway Filters, Add	1,733.30	
			For Medium Capacity Filter Box And Throwaway Filters, Add	3,319.05	
			For Combination Filter Mixing Box And Throwaway Filters, Add	4,953.98	
			For Manual Roll Filter, Add	8,672.43	
			For Automatic Roll Filter, Add	9,416.12	
			For Hot Water Heating Coil, Aluminum Fins, Add	4,210.29	
			For Electric Heating Coil, Add	7,185.05	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	7,185.05	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	6,441.36	
			For Steam Heating Coil, Aluminum Fins, Add	5,697.67	
			For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	4,708.06	
			For Chilled Water Cooling Coil, Copper Fins, Add	8,672.43	
			For Direct Expansion Cooling Coil, Copper Fins, Add	7,928.74	
			For Hot Water Heating Coil, Copper Fins, Add	5,697.67	
			For Variable Air Volume, Add	2,082.33	
			For Economizer, Panel, Controls And Damper(s), Add	2,655.53	
			For 2 Coils, Independent Circuits, Add	2,276.70	
23 73 13 00-0024	EA		8,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	20,732.53	3,698.21
			For Flat Filter Box And Throwaway Filters, Add	1,808.99	
			For Medium Capacity Filter Box And Throwaway Filters, Add	3,459.42	
			For Combination Filter Mixing Box And Throwaway Filters, Add	5,162.70	
			For Manual Roll Filter, Add	9,024.52	
			For Automatic Roll Filter, Add	9,796.88	
			For Hot Water Heating Coil, Aluminum Fins, Add	4,390.34	
			For Electric Heating Coil, Add	7,479.79	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	7,479.79	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	6,707.43	
			For Steam Heating Coil, Aluminum Fins, Add	5,935.07	
			For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	4,898.44	
			For Chilled Water Cooling Coil, Copper Fins, Add	9,024.52	
			For Direct Expansion Cooling Coil, Copper Fins, Add	8,252.15	
			For Hot Water Heating Coil, Copper Fins, Add	5,935.07	
			For Variable Air Volume, Add	2,162.62	
			For Economizer, Panel, Controls And Damper(s), Add	2,765.58	
			For 2 Coils, Independent Circuits, Add	2,382.20	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 73 13 00-0025	EA	9,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	21,803.66	4,006.32
		<i>For Flat Filter Box And Throwaway Filters, Add</i>	1,894.80	
		<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	3,618.27	
		<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	5,398.84	
		<i>For Manual Roll Filter, Add</i>	9,421.94	
		<i>For Automatic Roll Filter, Add</i>	10,226.56	
		<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	4,594.22	
		<i>For Electric Heating Coil, Add</i>	7,812.70	
		<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	7,812.70	
		<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	7,008.08	
		<i>For Steam Heating Coil, Aluminum Fins, Add</i>	6,203.46	
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	5,113.28	
		<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	9,421.94	
		<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	8,617.32	
		<i>For Hot Water Heating Coil, Copper Fins, Add</i>	6,203.46	
		<i>For Variable Air Volume, Add</i>	2,252.93	
		<i>For Economizer, Panel, Controls And Damper(s), Add</i>	2,893.38	
		<i>For 2 Coils, Independent Circuits, Add</i>	2,502.21	
23 73 13 00-0026	EA	10,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	22,849.58	4,277.44
		<i>For Flat Filter Box And Throwaway Filters, Add</i>	1,979.35	
		<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	3,775.35	
		<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	5,632.46	
		<i>For Manual Roll Filter, Add</i>	9,816.84	
		<i>For Automatic Roll Filter, Add</i>	10,653.71	
		<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	4,795.58	
		<i>For Electric Heating Coil, Add</i>	8,143.09	
		<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	8,143.09	
		<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	7,306.21	
		<i>For Steam Heating Coil, Aluminum Fins, Add</i>	6,469.34	
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	5,326.86	
		<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	9,816.84	
		<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	8,979.96	
		<i>For Hot Water Heating Coil, Copper Fins, Add</i>	6,469.34	
		<i>For Variable Air Volume, Add</i>	2,343.25	
		<i>For Economizer, Panel, Controls And Damper(s), Add</i>	3,013.62	
		<i>For 2 Coils, Independent Circuits, Add</i>	2,619.71	
23 73 13 00-0027	EA	11,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	22,956.63	4,141.67
		<i>For Flat Filter Box And Throwaway Filters, Add</i>	2,000.84	
		<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	3,824.77	
		<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	5,707.68	
		<i>For Manual Roll Filter, Add</i>	9,972.69	
		<i>For Automatic Roll Filter, Add</i>	10,825.70	
		<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	4,854.67	
		<i>For Electric Heating Coil, Add</i>	8,266.69	
		<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	8,266.69	
		<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	7,413.68	
		<i>For Steam Heating Coil, Aluminum Fins, Add</i>	6,560.68	
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	5,412.85	
		<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	9,972.69	
		<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	9,119.69	
		<i>For Hot Water Heating Coil, Copper Fins, Add</i>	6,560.68	
		<i>For Variable Air Volume, Add</i>	2,388.41	
		<i>For Economizer, Panel, Controls And Damper(s), Add</i>	2,948.97	
		<i>For 2 Coils, Independent Circuits, Add</i>	2,636.86	
23 73 13 00-0028	EA	12,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	23,945.68	4,595.07
		<i>For Flat Filter Box And Throwaway Filters, Add</i>	2,066.42	
		<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	3,935.94	
		<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	5,871.10	
		<i>For Manual Roll Filter, Add</i>	10,216.76	
		<i>For Automatic Roll Filter, Add</i>	11,085.89	
		<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	5,001.96	
		<i>For Electric Heating Coil, Add</i>	8,478.49	
		<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	8,478.49	
		<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	7,609.36	
		<i>For Steam Heating Coil, Aluminum Fins, Add</i>	6,740.23	
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	5,542.94	
		<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	10,216.76	
		<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	9,347.62	
		<i>For Hot Water Heating Coil, Copper Fins, Add</i>	6,740.23	
		<i>For Variable Air Volume, Add</i>	2,433.57	
		<i>For Economizer, Panel, Controls And Damper(s), Add</i>	3,148.91	
		<i>For 2 Coils, Independent Circuits, Add</i>	2,742.22	
23 73 13 00-0029	EA	13,700 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	25,219.82	4,779.64
		<i>For Flat Filter Box And Throwaway Filters, Add</i>	2,182.09	
		<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	4,160.25	
		<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	6,206.38	
		<i>For Manual Roll Filter, Add</i>	10,811.89	
		<i>For Automatic Roll Filter, Add</i>	11,732.99	
		<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	5,285.28	
		<i>For Electric Heating Coil, Add</i>	8,969.69	
		<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	8,969.69	
		<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	8,048.59	
		<i>For Steam Heating Coil, Aluminum Fins, Add</i>	7,127.48	
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	5,866.49	
		<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	10,811.89	
		<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	9,890.79	
		<i>For Hot Water Heating Coil, Copper Fins, Add</i>	7,127.48	
		<i>For Variable Air Volume, Add</i>	2,579.08	
		<i>For Economizer, Panel, Controls And Damper(s), Add</i>	2,759.56	
		<i>For 2 Coils, Independent Circuits, Add</i>	2,890.42	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0030	EA		15,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	26,559.28	4,964.73
			For Flat Filter Box And Throwaway Filters, Add	2,301.03	
			For Medium Capacity Filter Box And Throwaway Filters, Add	4,389.13	
			For Combination Filter Mixing Box And Throwaway Filters, Add	6,548.21	
			For Manual Roll Filter, Add	11,413.55	
			For Automatic Roll Filter, Add	12,386.62	
			For Hot Water Heating Coil, Aluminum Fins, Add	5,575.14	
			For Electric Heating Coil, Add	9,467.41	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	9,467.41	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	8,494.35	
			For Steam Heating Coil, Aluminum Fins, Add	7,521.28	
			For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	6,193.31	
			For Chilled Water Cooling Coil, Copper Fins, Add	11,413.55	
			For Direct Expansion Cooling Coil, Copper Fins, Add	10,440.48	
			For Hot Water Heating Coil, Copper Fins, Add	7,521.28	
			For Variable Air Volume, Add	2,724.59	
			For Economizer, Panel, Controls And Damper(s), Add	2,819.58	
			For 2 Coils, Independent Circuits, Add	3,045.16	
23 73 13 00-0031	EA		16,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	27,981.47	5,155.68
			For Flat Filter Box And Throwaway Filters, Add	2,431.28	
			For Medium Capacity Filter Box And Throwaway Filters, Add	4,642.44	
			For Combination Filter Mixing Box And Throwaway Filters, Add	6,926.97	
			For Manual Roll Filter, Add	12,088.00	
			For Automatic Roll Filter, Add	13,120.21	
			For Hot Water Heating Coil, Aluminum Fins, Add	5,894.77	
			For Electric Heating Coil, Add	10,023.59	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	10,023.59	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	8,991.38	
			For Steam Heating Coil, Aluminum Fins, Add	7,959.18	
			For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	6,560.10	
			For Chilled Water Cooling Coil, Copper Fins, Add	12,088.00	
			For Direct Expansion Cooling Coil, Copper Fins, Add	11,055.80	
			For Hot Water Heating Coil, Copper Fins, Add	7,959.18	
			For Variable Air Volume, Add	2,890.18	
			For Economizer, Panel, Controls And Damper(s), Add	2,867.47	
			For 2 Coils, Independent Circuits, Add	3,211.03	
23 73 13 00-0032	EA		17,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	29,461.99	5,346.85
			For Flat Filter Box And Throwaway Filters, Add	2,564.44	
			For Medium Capacity Filter Box And Throwaway Filters, Add	4,899.83	
			For Combination Filter Mixing Box And Throwaway Filters, Add	7,311.57	
			For Manual Roll Filter, Add	12,768.29	
			For Automatic Roll Filter, Add	13,859.63	
			For Hot Water Heating Coil, Aluminum Fins, Add	6,220.23	
			For Electric Heating Coil, Add	10,585.60	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	10,585.60	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	9,494.26	
			For Steam Heating Coil, Aluminum Fins, Add	8,402.91	
			For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	6,929.81	
			For Chilled Water Cooling Coil, Copper Fins, Add	12,768.29	
			For Direct Expansion Cooling Coil, Copper Fins, Add	11,676.94	
			For Hot Water Heating Coil, Copper Fins, Add	8,402.91	
			For Variable Air Volume, Add	3,055.76	
			For Economizer, Panel, Controls And Damper(s), Add	2,927.03	
			For 2 Coils, Independent Circuits, Add	3,382.74	
23 73 13 00-0033	EA		20,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	32,852.06	5,732.20
			For Flat Filter Box And Throwaway Filters, Add	2,875.52	
			For Medium Capacity Filter Box And Throwaway Filters, Add	5,505.22	
			For Combination Filter Mixing Box And Throwaway Filters, Add	9,449.77	
			For Manual Roll Filter, Add	13,641.68	
			For Automatic Roll Filter, Add	14,381.42	
			For Hot Water Heating Coil, Aluminum Fins, Add	5,751.03	
			For Electric Heating Coil, Add	6,244.20	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	10,682.68	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	9,449.77	
			For Steam Heating Coil, Aluminum Fins, Add	8,216.86	
			For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	6,574.26	
			For Chilled Water Cooling Coil, Copper Fins, Add	13,148.51	
			For Direct Expansion Cooling Coil, Copper Fins, Add	11,915.60	
			For Hot Water Heating Coil, Copper Fins, Add	9,449.77	
			For Variable Air Volume, Add	3,452.16	
			For Economizer, Panel, Controls And Damper(s), Add	3,168.92	
			For 2 Coils, Independent Circuits, Add	3,778.37	
23 73 13 00-0034	EA		22,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	36,454.51	6,177.75
			For Flat Filter Box And Throwaway Filters, Add	3,202.58	
			For Medium Capacity Filter Box And Throwaway Filters, Add	6,139.45	
			For Combination Filter Mixing Box And Throwaway Filters, Add	10,544.75	
			For Manual Roll Filter, Add	15,236.27	
			For Automatic Roll Filter, Add	16,064.18	
			For Hot Water Heating Coil, Aluminum Fins, Add	6,405.17	
			For Electric Heating Coil, Add	6,957.11	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	11,924.61	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	10,544.75	
			For Steam Heating Coil, Aluminum Fins, Add	9,164.89	
			For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	7,342.16	
			For Chilled Water Cooling Coil, Copper Fins, Add	14,684.32	
			For Direct Expansion Cooling Coil, Copper Fins, Add	13,304.46	
			For Hot Water Heating Coil, Copper Fins, Add	10,544.75	
			For Variable Air Volume, Add	3,863.61	
			For Economizer, Panel, Controls And Damper(s), Add	3,285.03	
			For 2 Coils, Independent Circuits, Add	4,197.39	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0035	EA		25,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Variable Air Volume, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For 2 Coils, Independent Circuits, Add</i>	40,393.60 3,566.20 6,848.50 11,771.95 17,030.10 17,958.01 7,132.39 7,751.00 13,318.46 11,771.95 10,225.43 8,205.75 16,411.50 14,864.98 11,771.95 4,330.25 3,391.07 4,657.97	6,619.33
23 73 13 00-0036	EA		27,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Variable Air Volume, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For 2 Coils, Independent Circuits, Add</i>	49,748.07 4,465.80 8,626.19 14,866.78 21,593.33 22,760.36 8,931.60 9,722.96 16,845.18 14,866.78 12,888.39 10,400.98 20,801.97 18,823.57 14,866.78 5,539.51 3,516.53 5,766.17	7,128.86
23 73 13 00-0037	EA		30,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Variable Air Volume, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For 2 Coils, Independent Circuits, Add</i>	55,590.90 5,015.99 9,706.12 16,741.32 24,345.24 25,687.11 10,031.98 10,926.56 18,977.77 16,741.32 14,504.88 11,725.33 23,450.66 21,214.22 16,741.32 6,262.05 3,394.30 6,453.67	7,609.00
23 73 13 00-0038	EA		32,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Variable Air Volume, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For 2 Coils, Independent Circuits, Add</i>	60,908.55 5,505.88 10,660.77 18,393.10 26,758.63 28,234.90 11,011.75 11,995.93 20,853.55 18,393.10 15,932.65 12,887.23 25,774.45 23,314.00 18,393.10 6,889.26 3,519.93 7,075.03	8,193.78
23 73 13 00-0039	EA		35,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Variable Air Volume, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For 2 Coils, Independent Circuits, Add</i>	66,830.63 6,047.49 11,713.63 20,212.85 29,413.10 31,036.68 12,094.98 13,177.36 22,918.81 20,212.85 17,506.89 14,165.36 28,330.72 25,624.76 20,212.85 7,576.68 3,671.72 7,765.45	9,480.34

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0040	EA		37,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	71,932.18 6,519.40 12,634.51 21,807.18 31,744.67 33,498.35 13,038.80 14,207.92 24,729.97 21,807.18 18,884.39 15,287.78 30,575.55 27,652.76 21,807.18 8,183.82 3,786.45 8,362.33	9,437.94
23 73 13 00-0041	EA		40,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	77,586.66 7,035.09 13,636.03 23,537.44 34,267.01 36,160.46 14,070.18 15,332.48 26,693.20 23,537.44 20,381.69 16,502.35 33,004.71 29,848.95 23,537.44 8,836.11 3,638.95 9,020.97	10,096.28
23 73 13 00-0042	EA		45,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	83,742.28 7,595.54 14,723.88 25,416.38 37,005.04 39,050.10 15,191.09 16,554.46 28,824.81 25,416.38 22,007.95 17,820.84 35,641.67 32,233.24 25,416.38 9,543.61 3,776.71 9,737.60	10,901.16
23 73 13 00-0043	EA		47,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	87,238.32 7,910.12 15,332.02 26,464.87 38,528.78 40,657.71 15,820.25 17,239.53 30,013.08 26,464.87 22,916.67 18,554.75 37,109.50 33,561.29 26,464.87 9,934.98 3,864.27 10,143.12	11,413.19
23 73 13 00-0044	EA		50,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	90,534.54 8,207.55 15,907.55 27,457.55 39,972.33 42,180.82 16,415.09 17,887.42 31,138.37 27,457.55 23,776.73 19,250.00 38,500.00 34,819.18 27,457.55 10,306.29 3,944.77 10,525.78	11,852.16

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 70 Central HVAC Equipment

23 73 Indoor Central-Station Air-Handling Units



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 73 13 00-0045	EA	55,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	97,619.44 8,857.47 17,172.27 29,644.46 43,164.57 45,550.47 17,714.95 19,305.55 33,620.96 29,644.46 25,667.95 20,786.98 41,573.96 37,597.46 29,644.46 11,134.21 4,091.17 11,352.55	12,656.94
23 73 13 00-0046	EA	60,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	106,805.66 9,712.82 18,845.00 32,543.26 47,409.90 50,033.42 19,425.65 21,174.66 36,915.80 32,543.26 28,170.72 22,830.44 45,660.88 41,288.34 32,543.26 12,243.11 3,835.49 12,429.58	13,534.87
23 73 13 00-0047	EA	65,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	117,099.15 10,664.75 20,702.40 35,758.88 52,112.18 54,998.06 21,329.50 23,253.42 40,568.68 35,758.88 30,949.09 25,094.13 50,188.26 45,378.47 35,758.88 13,467.42 3,990.33 13,633.83	14,632.29
23 73 13 00-0048	EA	70,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	128,557.89 11,719.74 22,757.86 39,315.03 57,307.32 60,482.43 23,439.49 25,556.23 44,606.88 39,315.03 34,023.18 27,595.29 55,190.58 49,898.73 39,315.03 14,817.18 4,172.09 14,972.53	15,876.04

23 73 13 00-0049 Multi-Zone Units (23 73 13)

Note: Horizontal/vertical blow-thru fan, motor and cabinet.

23 73 13 00-0050	EA	1,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	7,615.12	1,316.70
		For Economizer, Panel, Controls And Damper(s), Add	1,956.45	
		For Flat Filter Box And Throwaway Filters, Add	667.48	
		For Medium Capacity Filter Box And Throwaway Filters, Add	1,278.54	
		For Combination Filter Mixing Box And Throwaway Filters, Add	1,621.68	
		For Manual Roll Filter, Add	3,342.03	
		For Automatic Roll Filter, Add	3,342.03	
		For Hot Water Heating Coil, Aluminum Fins, Add	761.51	
		For Electric Heating Coil, Add	876.20	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	2,768.58	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	2,768.58	
		For Chilled Water Cooling Coil, Copper Fins, Add	3,342.03	
		For Direct Expansion Cooling Coil, Copper Fins, Add	3,342.03	
		For 2 Coils, Independent Circuits, Add	876.20	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0051	EA		1,200 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	9,488.89	1,649.58
			For Economizer, Panel, Controls And Damper(s), Add	2,289.64	
			For Flat Filter Box And Throwaway Filters, Add	831.06	
			For Medium Capacity Filter Box And Throwaway Filters, Add	1,591.42	
			For Combination Filter Mixing Box And Throwaway Filters, Add	2,018.73	
			For Manual Roll Filter, Add	4,158.41	
			For Automatic Roll Filter, Add	4,158.41	
			For Hot Water Heating Coil, Aluminum Fins, Add	948.89	
			For Electric Heating Coil, Add	1,091.53	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	3,445.18	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	3,445.18	
			For Chilled Water Cooling Coil, Copper Fins, Add	4,158.41	
			For Direct Expansion Cooling Coil, Copper Fins, Add	4,158.41	
			For 2 Coils, Independent Circuits, Add	1,091.53	
23 73 13 00-0052	EA		1,600 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	11,754.74	1,755.66
			For Economizer, Panel, Controls And Damper(s), Add	2,395.52	
			For Flat Filter Box And Throwaway Filters, Add	1,050.08	
			For Medium Capacity Filter Box And Throwaway Filters, Add	2,024.92	
			For Combination Filter Mixing Box And Throwaway Filters, Add	2,562.50	
			For Manual Roll Filter, Add	5,336.56	
			For Automatic Roll Filter, Add	5,336.56	
			For Hot Water Heating Coil, Aluminum Fins, Add	1,175.47	
			For Electric Heating Coil, Add	1,360.41	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	4,411.87	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	4,411.87	
			For Chilled Water Cooling Coil, Copper Fins, Add	5,336.56	
			For Direct Expansion Cooling Coil, Copper Fins, Add	5,336.56	
			For 2 Coils, Independent Circuits, Add	1,360.41	
23 73 13 00-0053	EA		2,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	12,218.64	1,880.04
			For Economizer, Panel, Controls And Damper(s), Add	2,519.55	
			For Flat Filter Box And Throwaway Filters, Add	1,087.61	
			For Medium Capacity Filter Box And Throwaway Filters, Add	2,094.67	
			For Combination Filter Mixing Box And Throwaway Filters, Add	2,651.90	
			For Manual Roll Filter, Add	5,511.97	
			For Automatic Roll Filter, Add	5,511.97	
			For Hot Water Heating Coil, Aluminum Fins, Add	1,221.86	
			For Electric Heating Coil, Add	1,412.54	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	4,558.61	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	4,558.61	
			For Chilled Water Cooling Coil, Copper Fins, Add	5,511.97	
			For Direct Expansion Cooling Coil, Copper Fins, Add	5,511.97	
			For 2 Coils, Independent Circuits, Add	1,412.54	
23 73 13 00-0054	EA		2,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	14,312.36	2,015.99
			For Economizer, Panel, Controls And Damper(s), Add	2,655.47	
			For Flat Filter Box And Throwaway Filters, Add	1,287.27	
			For Medium Capacity Filter Box And Throwaway Filters, Add	2,488.17	
			For Combination Filter Mixing Box And Throwaway Filters, Add	3,146.20	
			For Manual Roll Filter, Add	6,576.14	
			For Automatic Roll Filter, Add	6,576.14	
			For Hot Water Heating Coil, Aluminum Fins, Add	1,431.24	
			For Electric Heating Coil, Add	1,659.90	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	5,432.83	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	5,432.83	
			For Chilled Water Cooling Coil, Copper Fins, Add	6,576.14	
			For Direct Expansion Cooling Coil, Copper Fins, Add	6,576.14	
			For 2 Coils, Independent Circuits, Add	1,659.90	
23 73 13 00-0055	EA		3,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	15,089.64	2,158.26
			For Economizer, Panel, Controls And Damper(s), Add	2,798.16	
			For Flat Filter Box And Throwaway Filters, Add	1,354.81	
			For Medium Capacity Filter Box And Throwaway Filters, Add	2,617.13	
			For Combination Filter Mixing Box And Throwaway Filters, Add	3,309.95	
			For Manual Roll Filter, Add	6,911.92	
			For Automatic Roll Filter, Add	6,911.92	
			For Hot Water Heating Coil, Aluminum Fins, Add	1,508.96	
			For Electric Heating Coil, Add	1,749.10	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	5,711.26	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	5,711.26	
			For Chilled Water Cooling Coil, Copper Fins, Add	6,911.92	
			For Direct Expansion Cooling Coil, Copper Fins, Add	6,911.92	
			For 2 Coils, Independent Circuits, Add	1,749.10	
23 73 13 00-0056	EA		3,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	15,907.70	2,304.49
			For Economizer, Panel, Controls And Damper(s), Add	2,944.30	
			For Flat Filter Box And Throwaway Filters, Add	1,426.18	
			For Medium Capacity Filter Box And Throwaway Filters, Add	2,753.60	
			For Combination Filter Mixing Box And Throwaway Filters, Add	3,483.15	
			For Manual Roll Filter, Add	7,267.90	
			For Automatic Roll Filter, Add	7,267.90	
			For Hot Water Heating Coil, Aluminum Fins, Add	1,590.77	
			For Electric Heating Coil, Add	1,843.09	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	6,006.32	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	6,006.32	
			For Chilled Water Cooling Coil, Copper Fins, Add	7,267.90	
			For Direct Expansion Cooling Coil, Copper Fins, Add	7,267.90	
			For 2 Coils, Independent Circuits, Add	1,843.09	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 70 Central HVAC Equipment

23 73 Indoor Central-Station Air-Handling Units



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 73 13 00-0057	EA 4,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan For Economizer, Panel, Controls And Damper(s), Add For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For 2 Coils, Independent Circuits, Add	17,753.67 2,688.75 1,599.12 3,092.48 3,909.67 8,178.27 8,178.27 1,775.37 2,059.94 6,755.40 6,755.40 8,178.27 8,178.27 2,059.94	2,472.86
23 73 13 00-0058	EA 4,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan For Economizer, Panel, Controls And Damper(s), Add For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For 2 Coils, Independent Circuits, Add	19,409.85 2,830.87 1,751.82 3,390.13 4,284.95 8,972.89 8,972.89 1,940.99 2,253.51 7,410.24 7,410.24 8,972.89 8,972.89 2,253.51	2,648.24
23 73 13 00-0059	EA 5,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan For Economizer, Panel, Controls And Damper(s), Add For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For 2 Coils, Independent Circuits, Add	20,518.12 2,967.32 1,850.24 3,579.53 4,524.81 9,470.80 9,470.80 2,051.81 2,381.54 7,822.13 7,822.13 9,470.80 9,470.80 2,381.54	2,828.42
23 73 13 00-0060	EA 5,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan For Economizer, Panel, Controls And Damper(s), Add For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For 2 Coils, Independent Circuits, Add	22,633.35 3,125.37 2,047.39 3,965.22 5,010.51 10,504.86 10,504.86 2,263.34 2,629.62 8,673.41 8,673.41 10,504.86 10,504.86 2,629.62	3,021.77
23 73 13 00-0061	EA 6,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan For Economizer, Panel, Controls And Damper(s), Add For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For 2 Coils, Independent Circuits, Add	24,080.90 3,290.73 2,177.11 4,215.64 5,327.30 11,165.72 11,165.72 2,408.09 2,797.32 9,219.58 9,219.58 11,165.72 11,165.72 2,797.32	3,233.95
23 73 13 00-0062	EA 6,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan For Economizer, Panel, Controls And Damper(s), Add For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For 2 Coils, Independent Circuits, Add	26,409.55 3,507.03 2,390.32 4,630.25 5,850.47 12,269.50 12,269.50 2,640.96 3,068.89 10,129.82 10,129.82 12,269.50 12,269.50 3,068.89	3,511.75

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73	13 00-0063	EA	7,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan For Economizer, Panel, Controls And Damper(s), Add For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For 2 Coils, Independent Circuits, Add	28,375.11 3,720.75 2,567.44 4,972.85 6,283.57 13,175.70 13,175.70 2,837.51 3,296.99 10,878.32 10,878.32 13,175.70 13,175.70 3,296.99	3,782.56
23 73	13 00-0064	EA	7,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan For Economizer, Panel, Controls And Damper(s), Add For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For 2 Coils, Independent Circuits, Add	29,772.21 3,272.30 2,685.68 5,196.44 6,568.44 13,750.87 13,750.87 2,977.22 3,456.05 11,356.73 11,356.73 13,750.87 13,750.87 3,456.05	4,089.73
23 73	13 00-0065	EA	8,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan For Economizer, Panel, Controls And Damper(s), Add For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For 2 Coils, Independent Circuits, Add	33,042.67 3,462.26 2,988.98 5,788.80 7,314.82 15,335.92 15,335.92 3,304.27 3,839.01 12,662.22 12,662.22 15,335.92 15,335.92 3,839.01	4,411.43
23 73	13 00-0066	EA	8,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan For Economizer, Panel, Controls And Damper(s), Add For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For 2 Coils, Independent Circuits, Add	34,789.23 3,659.12 3,139.03 6,074.13 7,677.64 16,075.06 16,075.06 3,478.92 4,038.75 13,275.92 13,275.92 16,075.06 16,075.06 4,038.75	4,755.29
23 73	13 00-0067	EA	9,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan For Economizer, Panel, Controls And Damper(s), Add For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For 2 Coils, Independent Circuits, Add	36,723.68 3,873.79 3,305.64 6,391.25 8,080.75 16,897.51 16,897.51 3,672.37 4,260.15 13,958.59 13,958.59 16,897.51 16,897.51 4,260.15	5,150.57
23 73	13 00-0068	EA	10,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan For Economizer, Panel, Controls And Damper(s), Add For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For 2 Coils, Independent Circuits, Add	38,806.68 3,564.41 3,483.27 6,728.09 8,509.47 17,767.07 17,767.07 3,880.67 4,497.84 14,681.20 14,681.20 17,767.07 17,767.07 4,497.84	5,559.96

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 70 Central HVAC Equipment

23 73 Indoor Central-Station Air-Handling Units



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 73 13 00-0069	EA 11,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	39,895.03	5,772.44
	For Economizer, Panel, Controls And Damper(s), Add	3,659.74	
	For Flat Filter Box And Throwaway Filters, Add	3,576.21	
	For Medium Capacity Filter Box And Throwaway Filters, Add	6,904.45	
	For Combination Filter Mixing Box And Throwaway Filters, Add	8,733.89	
	For Manual Roll Filter, Add	18,222.66	
	For Automatic Roll Filter, Add	18,222.66	
	For Hot Water Heating Coil, Aluminum Fins, Add	3,989.50	
	For Electric Heating Coil, Add	4,622.09	
	For Chilled Water Cooling Coil, Aluminum Fins, Add	15,059.73	
	For Direct Expansion Cooling Coil, Aluminum Fins, Add	15,059.73	
	For Chilled Water Cooling Coil, Copper Fins, Add	18,222.66	
	For Direct Expansion Cooling Coil, Copper Fins, Add	18,222.66	
	For 2 Coils, Independent Circuits, Add	4,622.09	
23 73 13 00-0070	EA 12,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	40,935.62	5,978.44
	For Economizer, Panel, Controls And Damper(s), Add	3,740.75	
	For Flat Filter Box And Throwaway Filters, Add	3,666.77	
	For Medium Capacity Filter Box And Throwaway Filters, Add	7,077.47	
	For Combination Filter Mixing Box And Throwaway Filters, Add	8,953.53	
	For Manual Roll Filter, Add	18,673.47	
	For Automatic Roll Filter, Add	18,673.47	
	For Hot Water Heating Coil, Aluminum Fins, Add	4,093.56	
	For Electric Heating Coil, Add	4,741.56	
	For Chilled Water Cooling Coil, Aluminum Fins, Add	15,433.49	
	For Direct Expansion Cooling Coil, Aluminum Fins, Add	15,433.49	
	For Chilled Water Cooling Coil, Copper Fins, Add	18,673.47	
	For Direct Expansion Cooling Coil, Copper Fins, Add	18,673.47	
	For 2 Coils, Independent Circuits, Add	4,741.56	
23 73 13 00-0071	EA 13,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	46,325.12	6,218.72
	For Economizer, Panel, Controls And Damper(s), Add	3,181.53	
	For Flat Filter Box And Throwaway Filters, Add	4,187.13	
	For Medium Capacity Filter Box And Throwaway Filters, Add	8,107.03	
	For Combination Filter Mixing Box And Throwaway Filters, Add	10,245.13	
	For Manual Roll Filter, Add	21,470.37	
	For Automatic Roll Filter, Add	21,470.37	
	For Hot Water Heating Coil, Aluminum Fins, Add	4,632.51	
	For Electric Heating Coil, Add	5,380.86	
	For Chilled Water Cooling Coil, Aluminum Fins, Add	17,728.63	
	For Direct Expansion Cooling Coil, Aluminum Fins, Add	17,728.63	
	For Chilled Water Cooling Coil, Copper Fins, Add	21,470.37	
	For Direct Expansion Cooling Coil, Copper Fins, Add	21,470.37	
	For 2 Coils, Independent Circuits, Add	5,380.86	
23 73 13 00-0072	EA 15,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	51,675.29	6,465.07
	For Economizer, Panel, Controls And Damper(s), Add	3,352.03	
	For Flat Filter Box And Throwaway Filters, Add	4,705.52	
	For Medium Capacity Filter Box And Throwaway Filters, Add	9,133.84	
	For Combination Filter Mixing Box And Throwaway Filters, Add	11,532.80	
	For Manual Roll Filter, Add	24,263.34	
	For Automatic Roll Filter, Add	24,263.34	
	For Hot Water Heating Coil, Aluminum Fins, Add	5,167.53	
	For Electric Heating Coil, Add	6,016.23	
	For Chilled Water Cooling Coil, Aluminum Fins, Add	20,019.83	
	For Direct Expansion Cooling Coil, Aluminum Fins, Add	20,019.83	
	For Chilled Water Cooling Coil, Copper Fins, Add	24,263.34	
	For Direct Expansion Cooling Coil, Copper Fins, Add	24,263.34	
	For 2 Coils, Independent Circuits, Add	6,016.23	
23 73 13 00-0073	EA 16,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	59,486.77	6,708.91
	For Economizer, Panel, Controls And Damper(s), Add	3,411.31	
	For Flat Filter Box And Throwaway Filters, Add	5,469.73	
	For Medium Capacity Filter Box And Throwaway Filters, Add	10,652.10	
	For Combination Filter Mixing Box And Throwaway Filters, Add	13,434.86	
	For Manual Roll Filter, Add	28,407.22	
	For Automatic Roll Filter, Add	28,407.22	
	For Hot Water Heating Coil, Aluminum Fins, Add	5,948.68	
	For Electric Heating Coil, Add	6,946.83	
	For Chilled Water Cooling Coil, Aluminum Fins, Add	23,416.44	
	For Direct Expansion Cooling Coil, Aluminum Fins, Add	23,416.44	
	For Chilled Water Cooling Coil, Copper Fins, Add	28,407.22	
	For Direct Expansion Cooling Coil, Copper Fins, Add	28,407.22	
	For 2 Coils, Independent Circuits, Add	6,946.83	
23 73 13 00-0074	EA 17,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	67,303.07	6,950.34
	For Economizer, Panel, Controls And Damper(s), Add	3,471.43	
	For Flat Filter Box And Throwaway Filters, Add	6,234.18	
	For Medium Capacity Filter Box And Throwaway Filters, Add	12,170.70	
	For Combination Filter Mixing Box And Throwaway Filters, Add	15,337.40	
	For Manual Roll Filter, Add	32,551.59	
	For Automatic Roll Filter, Add	32,551.59	
	For Hot Water Heating Coil, Aluminum Fins, Add	6,730.31	
	For Electric Heating Coil, Add	7,877.92	
	For Chilled Water Cooling Coil, Aluminum Fins, Add	26,813.52	
	For Direct Expansion Cooling Coil, Aluminum Fins, Add	26,813.52	
	For Chilled Water Cooling Coil, Copper Fins, Add	32,551.59	
	For Direct Expansion Cooling Coil, Copper Fins, Add	32,551.59	
	For 2 Coils, Independent Circuits, Add	7,877.92	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0075	EA		20,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan For Economizer, Panel, Controls And Damper(s), Add For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For 2 Coils, Independent Circuits, Add	75,598.03 3,618.45 7,021.67 10,478.70 17,285.12 27,010.44 33,493.98 7,559.80 8,856.51 27,010.44 27,010.44 14,043.35 33,493.98 33,493.98 8,856.51	7,535.63
23 73 13 00-0076	EA		22,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan For Economizer, Panel, Controls And Damper(s), Add For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For 2 Coils, Independent Circuits, Add	81,530.61 3,511.25 7,570.98 11,298.26 18,636.40 29,119.75 36,108.64 8,153.06 9,550.84 29,119.75 29,119.75 15,141.96 36,108.64 36,108.64 9,550.84	8,194.09
23 73 13 00-0077	EA		25,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan For Economizer, Panel, Controls And Damper(s), Add For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For 2 Coils, Independent Circuits, Add	97,370.06 3,661.47 9,104.85 13,594.06 22,446.04 35,155.08 43,627.77 9,737.01 11,431.54 35,155.08 35,155.08 18,209.70 43,627.77 43,627.77 11,431.54	8,852.22
23 73 13 00-0078	EA		27,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan For Economizer, Panel, Controls And Damper(s), Add For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For 2 Coils, Independent Circuits, Add	110,118.96 3,815.83 10,328.29 15,424.07 25,478.91 39,945.92 49,590.60 11,011.90 12,940.83 39,945.92 39,945.92 20,656.57 49,590.60 49,590.60 12,940.83	9,584.15
23 73 13 00-0079	EA		30,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan For Economizer, Panel, Controls And Damper(s), Add For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For 2 Coils, Independent Circuits, Add	119,362.10 3,976.56 11,199.02 16,724.82 27,628.97 43,321.73 53,783.57 11,936.21 14,028.58 43,321.73 43,321.73 22,398.05 53,783.57 53,783.57 14,028.58	10,316.08
23 73 13 00-0080	EA		32,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan For Economizer, Panel, Controls And Damper(s), Add For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For 2 Coils, Independent Circuits, Add	133,351.16 3,983.50 12,473.72 18,624.44 30,753.59 48,172.07 59,784.39 13,335.12 15,657.58 48,172.07 48,172.07 24,947.44 59,784.39 59,784.39 15,657.58	12,071.33

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 73 13 00-0081	EA	35,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	133,995.49	12,510.61
		For Economizer, Panel, Controls And Damper(s), Add	4,064.04	
		For Flat Filter Box And Throwaway Filters, Add	12,505.93	
		For Medium Capacity Filter Box And Throwaway Filters, Add	18,669.54	
		For Combination Filter Mixing Box And Throwaway Filters, Add	30,818.03	
		For Manual Roll Filter, Add	48,236.51	
		For Automatic Roll Filter, Add	59,848.83	
		For Hot Water Heating Coil, Aluminum Fins, Add	13,399.55	
		For Electric Heating Coil, Add	15,722.01	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	48,236.51	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	48,236.51	
		For Steam Heating Coil, Aluminum Fins, Add	25,011.87	
		For Chilled Water Cooling Coil, Copper Fins, Add	59,848.83	
		For Direct Expansion Cooling Coil, Copper Fins, Add	59,848.83	
		For 2 Coils, Independent Circuits, Add	15,722.01	
23 73 13 00-0082	EA	37,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	140,159.27	12,949.16
		For Economizer, Panel, Controls And Damper(s), Add	4,144.58	
		For Flat Filter Box And Throwaway Filters, Add	13,090.09	
		For Medium Capacity Filter Box And Throwaway Filters, Add	19,542.56	
		For Combination Filter Mixing Box And Throwaway Filters, Add	32,262.32	
		For Manual Roll Filter, Add	50,508.71	
		For Automatic Roll Filter, Add	62,672.98	
		For Hot Water Heating Coil, Aluminum Fins, Add	14,015.93	
		For Electric Heating Coil, Add	16,448.78	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	50,508.71	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	50,508.71	
		For Steam Heating Coil, Aluminum Fins, Add	26,180.19	
		For Chilled Water Cooling Coil, Copper Fins, Add	62,672.98	
		For Direct Expansion Cooling Coil, Copper Fins, Add	62,672.98	
		For 2 Coils, Independent Circuits, Add	16,448.78	
23 73 13 00-0083	EA	40,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	146,612.65	13,900.68
		For Economizer, Panel, Controls And Damper(s), Add	4,310.61	
		For Flat Filter Box And Throwaway Filters, Add	13,669.02	
		For Medium Capacity Filter Box And Throwaway Filters, Add	20,404.31	
		For Combination Filter Mixing Box And Throwaway Filters, Add	33,676.44	
		For Manual Roll Filter, Add	52,691.61	
		For Automatic Roll Filter, Add	65,368.39	
		For Hot Water Heating Coil, Aluminum Fins, Add	14,661.27	
		For Electric Heating Coil, Add	17,196.62	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	52,691.61	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	52,691.61	
		For Steam Heating Coil, Aluminum Fins, Add	27,338.05	
		For Chilled Water Cooling Coil, Copper Fins, Add	65,368.39	
		For Direct Expansion Cooling Coil, Copper Fins, Add	65,368.39	
		For 2 Coils, Independent Circuits, Add	17,196.62	
23 73 13 00-0084	EA	45,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	158,044.01	14,632.29
		For Economizer, Panel, Controls And Damper(s), Add	4,431.35	
		For Flat Filter Box And Throwaway Filters, Add	14,763.86	
		For Medium Capacity Filter Box And Throwaway Filters, Add	22,041.74	
		For Combination Filter Mixing Box And Throwaway Filters, Add	36,389.39	
		For Manual Roll Filter, Add	56,974.37	
		For Automatic Roll Filter, Add	70,697.69	
		For Hot Water Heating Coil, Aluminum Fins, Add	15,804.40	
		For Electric Heating Coil, Add	18,549.07	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	56,974.37	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	56,974.37	
		For Steam Heating Coil, Aluminum Fins, Add	29,527.72	
		For Chilled Water Cooling Coil, Copper Fins, Add	70,697.69	
		For Direct Expansion Cooling Coil, Copper Fins, Add	70,697.69	
		For 2 Coils, Independent Circuits, Add	18,549.07	
23 73 13 00-0085	EA	50,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	169,922.99	15,437.07
		For Economizer, Panel, Controls And Damper(s), Add	4,108.10	
		For Flat Filter Box And Throwaway Filters, Add	15,888.25	
		For Medium Capacity Filter Box And Throwaway Filters, Add	23,721.97	
		For Combination Filter Mixing Box And Throwaway Filters, Add	39,168.60	
		For Manual Roll Filter, Add	61,344.91	
		For Automatic Roll Filter, Add	76,129.11	
		For Hot Water Heating Coil, Aluminum Fins, Add	16,992.30	
		For Electric Heating Coil, Add	19,949.14	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	61,344.91	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	61,344.91	
		For Steam Heating Coil, Aluminum Fins, Add	31,776.50	
		For Chilled Water Cooling Coil, Copper Fins, Add	76,129.11	
		For Direct Expansion Cooling Coil, Copper Fins, Add	76,129.11	
		For 2 Coils, Independent Circuits, Add	19,949.14	
23 73 13 00-0086	EA	55,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	183,068.61	16,388.18
		For Economizer, Panel, Controls And Damper(s), Add	4,239.92	
		For Flat Filter Box And Throwaway Filters, Add	17,136.90	
		For Medium Capacity Filter Box And Throwaway Filters, Add	25,588.35	
		For Combination Filter Mixing Box And Throwaway Filters, Add	42,257.27	
		For Manual Roll Filter, Add	66,207.68	
		For Automatic Roll Filter, Add	82,174.61	
		For Hot Water Heating Coil, Aluminum Fins, Add	18,306.86	
		For Electric Heating Coil, Add	21,500.25	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	66,207.68	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	66,207.68	
		For Steam Heating Coil, Aluminum Fins, Add	34,273.80	
		For Chilled Water Cooling Coil, Copper Fins, Add	82,174.61	
		For Direct Expansion Cooling Coil, Copper Fins, Add	82,174.61	
		For 2 Coils, Independent Circuits, Add	21,500.25	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 73 13 00-0087	EA		60,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	196,460.57	16,827.14
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	4,299.61	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	18,446.25	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	27,549.40	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	45,515.72	
			<i>For Manual Roll Filter, Add</i>	71,385.39	
			<i>For Automatic Roll Filter, Add</i>	88,631.83	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	19,646.06	
			<i>For Electric Heating Coil, Add</i>	23,095.35	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	71,385.39	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	71,385.39	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	36,892.50	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	88,631.83	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	88,631.83	
			<i>For 2 Coils, Independent Circuits, Add</i>	23,095.35	

23 73 13 00-0088 Return/Supply Air Fan (23 73 13)

Note: Includes vibration mounts.

23 73 13 00-0089	EA		300 CFM Return Air Fan.....	3,363.28	585.19
23 73 13 00-0090	EA		500 CFM Return Air Fan.....	4,370.49	702.24
23 73 13 00-0091	EA		750 CFM Return Air Fan.....	4,565.50	731.51
23 73 13 00-0092	EA		1,000 CFM Return Air Fan.....	5,220.92	775.40
23 73 13 00-0093	EA		1,250 CFM Return Air Fan.....	5,377.74	811.99
23 73 13 00-0094	EA		1,500 CFM Return Air Fan.....	5,499.59	848.57
23 73 13 00-0095	EA		1,750 CFM Return Air Fan.....	5,771.57	892.46
23 73 13 00-0096	EA		2,000 CFM Return Air Fan.....	6,426.97	936.36
23 73 13 00-0097	EA		2,250 CFM Return Air Fan.....	6,733.73	980.26
23 73 13 00-0098	EA		2,500 CFM Return Air Fan.....	6,901.05	1,024.16
23 73 13 00-0099	EA		3,000 CFM Return Air Fan.....	7,301.52	1,133.90
23 73 13 00-0100	EA		3,500 CFM Return Air Fan.....	7,489.92	1,192.43
23 73 13 00-0101	EA		4,000 CFM Return Air Fan.....	7,667.62	1,243.64
23 73 13 00-0102	EA		4,500 CFM Return Air Fan.....	7,890.86	1,302.28
23 73 13 00-0103	EA		5,000 CFM Return Air Fan.....	8,089.38	1,368.12
23 73 13 00-0104	EA		5,500 CFM Return Air Fan.....	8,458.56	1,529.07
23 73 13 00-0105	EA		6,000 CFM Return Air Fan.....	9,598.17	1,814.41
23 73 13 00-0106	EA		6,500 CFM Return Air Fan.....	9,849.77	1,843.67
23 73 13 00-0107	EA		7,000 CFM Return Air Fan.....	9,964.34	1,850.99
23 73 13 00-0108	EA		8,000 CFM Return Air Fan.....	10,494.83	1,880.25
23 73 13 00-0109	EA		9,000 CFM Return Air Fan.....	10,731.89	1,902.20
23 73 13 00-0110	EA		10,000 CFM Return Air Fan.....	11,293.18	1,975.68
23 73 13 00-0111	EA		12,500 CFM Return Air Fan.....	12,040.77	2,011.83
23 73 13 00-0112	EA		15,000 CFM Return Air Fan.....	13,622.94	2,069.00
23 73 13 00-0113	EA		17,500 CFM Return Air Fan.....	14,862.15	2,180.11
23 73 13 00-0114	EA		20,000 CFM Return Air Fan.....	17,716.68	2,275.01
23 73 13 00-0115	EA		22,500 CFM Return Air Fan.....	18,569.27	2,354.34
23 73 13 00-0116	EA		25,000 CFM Return Air Fan.....	19,419.73	2,421.65
23 73 13 00-0117	EA		27,500 CFM Return Air Fan.....	20,570.41	2,663.07
23 73 13 00-0118	EA		30,000 CFM Return Air Fan.....	21,998.51	2,809.19
23 73 13 00-0119	EA		35,000 CFM Return Air Fan.....	24,851.02	2,926.15
23 73 13 00-0120	EA		40,000 CFM Return Air Fan.....	29,313.00	3,218.79
23 73 13 00-0121	EA		45,000 CFM Return Air Fan.....	36,109.38	3,657.77
23 73 13 00-0122	EA		50,000 CFM Return Air Fan.....	44,037.24	3,789.76
23 73 13 00-0123	EA		55,000 CFM Return Air Fan.....	46,105.82	3,899.19
23 73 13 00-0124	EA		60,000 CFM Return Air Fan.....	47,164.41	4,001.62
23 73 13 00-0125	EA		65,000 CFM Return Air Fan.....	49,465.75	4,177.10
23 73 13 00-0126	EA		70,000 CFM Return Air Fan.....	51,956.37	4,382.79
23 73 13 00-0127	EA		75,000 CFM Return Air Fan.....	55,896.43	4,597.78
23 73 13 00-0128	EA		80,000 CFM Return Air Fan.....	58,370.97	4,841.51
23 73 13 00-0129	EA		90,000 CFM Return Air Fan.....	60,257.06	5,117.23
23 73 13 00-0130	EA		100,000 CFM Return Air Fan.....	64,808.85	5,351.45
23 73 13 00-0131	EA		115,000 CFM Return Air Fan.....	69,741.18	5,607.41
23 73 13 00-0132	EA		130,000 CFM Return Air Fan.....	75,093.78	5,889.92
23 73 13 00-0133	EA		150,000 CFM Return Air Fan.....	82,197.06	6,203.68

23 73 13 00-0134 Removal And Reinstallation Of Air Handling Unit (23 73 13)

Note: Air handling units with filter and coils. Includes storage and cleaning. Excludes ductwork.

23 73 13 00-0135	EA		Removal And Reinstallation Of Up To 11,500 CFM Air Handling Unit.....	2,679.91	
23 73 13 00-0136	EA		Removal And Reinstallation Of >11,500 To 16,500 CFM Air Handling Unit	3,635.35	
23 73 13 00-0137	EA		Removal And Reinstallation Of >16,500 To 22,000 CFM Air Handling Unit	4,522.34	
23 73 13 00-0138	EA		Removal And Reinstallation Of >22,000 CFM Air Handling Unit	8,251.30	

23 74 Packaged Outdoor HVAC Equipment (23 70)
23 74 16 Packaged Rooftop Air-Conditioning Units (23 74)
23 74 16 13 Packaged, Large-Capacity, Rooftop Air-Conditioning Units (23 74 16)
23 74 16 13-0001 Electric Cooling, Electric Heat, Self Contained Packaged Rooftop Air-Conditioning Units (23 74 16 13)

Note: Electric heating capacity is approximately 1/2 the cooling capacity. Units < 5 tons have 14 SEER, units 5 to < 20 tons have 11 EER, and units 20 tons and over have 10 EER. Includes roof curb and economizer. Excludes crane and associated personnel. See CSI section 01 22 23 00-0800 for crane lifting equipment, 26 28 16 16-0001 for disconnects.

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 70 Central HVAC Equipment

23 74 Packaged Outdoor HVAC Equipment



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0002	EA		2 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	5,055.94	1,787.48
			<i>For Unit Without Heat, Deduct</i>	-371.96	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,056.82	
			<i>For Unit Without Roof Curb, Deduct</i>	-658.72	
23 74 16 13-0003	EA		3 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	6,500.04	1,868.73
			<i>For Unit Without Heat, Deduct</i>	-449.58	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,056.82	
			<i>For Unit Without Roof Curb, Deduct</i>	-658.72	
23 74 16 13-0004	EA		4 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	7,562.64	1,949.98
			<i>For Unit Without Heat, Deduct</i>	-508.13	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,056.82	
			<i>For Unit Without Roof Curb, Deduct</i>	-658.72	
23 74 16 13-0005	EA		5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	8,965.81	2,071.85
			<i>For Unit Without Heat, Deduct</i>	-586.41	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,056.82	
			<i>For Unit Without Roof Curb, Deduct</i>	-658.72	
23 74 16 13-0006	EA		6 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	9,756.85	2,193.73
			<i>For Unit Without Heat, Deduct</i>	-634.09	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,056.82	
			<i>For Unit Without Roof Curb, Deduct</i>	-658.72	
23 74 16 13-0007	EA		7.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	10,916.30	2,356.23
			<i>For Unit Without Heat, Deduct</i>	-702.90	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,078.66	
			<i>For Unit Without Roof Curb, Deduct</i>	-790.45	
23 74 16 13-0008	EA		8.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	11,707.34	2,478.10
			<i>For Unit Without Heat, Deduct</i>	-750.57	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,078.66	
			<i>For Unit Without Roof Curb, Deduct</i>	-790.45	
23 74 16 13-0009	EA		10 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	12,866.79	2,640.59
			<i>For Unit Without Heat, Deduct</i>	-819.38	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,103.11	
			<i>For Unit Without Roof Curb, Deduct</i>	-790.45	
23 74 16 13-0010	EA		12.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	15,528.67	2,853.47
			<i>For Unit Without Heat, Deduct</i>	-966.69	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,191.35	
			<i>For Unit Without Roof Curb, Deduct</i>	-790.45	
23 74 16 13-0011	EA		15 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	18,190.53	3,067.15
			<i>For Unit Without Heat, Deduct</i>	-1,114.00	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,252.01	
			<i>For Unit Without Roof Curb, Deduct</i>	-790.45	
23 74 16 13-0012	EA		17.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	20,770.41	3,280.30
			<i>For Unit Without Heat, Deduct</i>	-1,257.22	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,252.01	
			<i>For Unit Without Roof Curb, Deduct</i>	-790.45	
23 74 16 13-0013	EA		20 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	23,350.29	3,493.72
			<i>For Unit Without Heat, Deduct</i>	-1,400.43	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,252.01	
			<i>For Unit Without Roof Curb, Deduct</i>	-790.45	
23 74 16 13-0014	EA		22.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	26,174.42	3,849.04
			<i>For Unit Without Heat, Deduct</i>	-1,565.33	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,252.01	
			<i>For Unit Without Roof Curb, Deduct</i>	-790.45	
23 74 16 13-0015	EA		25 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	28,998.53	4,204.64
			<i>For Unit Without Heat, Deduct</i>	-1,730.24	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,252.01	
			<i>For Unit Without Roof Curb, Deduct</i>	-790.45	
23 74 16 13-0016	EA		27.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	31,931.47	4,600.86
			<i>For Unit Without Heat, Deduct</i>	-1,903.29	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,252.01	
			<i>For Unit Without Roof Curb, Deduct</i>	-1,309.36	
23 74 16 13-0017	EA		30 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	34,864.41	4,996.82
			<i>For Unit Without Heat, Deduct</i>	-2,076.34	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,252.01	
			<i>For Unit Without Roof Curb, Deduct</i>	-1,309.36	
23 74 16 13-0018	EA		35 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	40,620.50	5,829.63
			<i>For Unit Without Heat, Deduct</i>	-2,419.67	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,252.01	
			<i>For Unit Without Roof Curb, Deduct</i>	-1,309.36	
23 74 16 13-0019	EA		40 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	46,376.57	6,662.43
			<i>For Unit Without Heat, Deduct</i>	-2,762.99	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,252.01	
			<i>For Unit Without Roof Curb, Deduct</i>	-1,982.48	
23 74 16 13-0020	EA		45 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	51,011.98	7,515.55
			<i>For Unit Without Heat, Deduct</i>	-3,051.64	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,252.01	
			<i>For Unit Without Roof Curb, Deduct</i>	-1,982.48	
23 74 16 13-0021	EA		50 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	55,647.38	8,368.66
			<i>For Unit Without Heat, Deduct</i>	-3,340.28	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,252.01	
			<i>For Unit Without Roof Curb, Deduct</i>	-1,982.48	
23 74 16 13-0022	EA		55 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	61,267.08	9,181.15
			<i>For Unit Without Heat, Deduct</i>	-3,675.43	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,252.01	
			<i>For Unit Without Roof Curb, Deduct</i>	-2,462.37	
23 74 16 13-0023	EA		60 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	66,886.76	9,993.64
			<i>For Unit Without Heat, Deduct</i>	-4,010.58	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,252.01	
			<i>For Unit Without Roof Curb, Deduct</i>	-2,462.37	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0024	EA		65 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	72,342.49	10,806.13
			<i>For Unit Without Heat, Deduct</i>	-4,337.53	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,252.01	
			<i>For Unit Without Roof Curb, Deduct</i>	-2,279.96	
23 74 16 13-0025	EA		70 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	77,798.20	11,618.63
			<i>For Unit Without Heat, Deduct</i>	-4,664.49	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,252.01	
			<i>For Unit Without Roof Curb, Deduct</i>	-2,279.96	
23 74 16 13-0026	EA		75 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	83,362.26	12,512.37
			<i>For Unit Without Heat, Deduct</i>	-5,002.27	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,252.01	
			<i>For Unit Without Roof Curb, Deduct</i>	-2,536.18	
23 74 16 13-0027			Electric Cooling, Gas Heat, Self Contained Packaged Rooftop Air-Conditioning Units <small>(23 74 16 13)</small>		
			Note: Units < 5 tons have 14 SEER, units 5 to < 20 tons have 11 EER, and units 20 tons and over have 10 EER. Includes roof curb and economizer. Excludes crane and associated personnel. See CSI section 01 22 23 00-0800 for crane lifting equipment, 26 28 16 16-0001 for Disconnects.		
23 74 16 13-0028	EA		2 Ton Electric Cooling, 50 MBH Gas Heating, Self Contained Package Rooftop Unit.....	4,959.86	1,624.98
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,056.82	
			<i>For Unit Without Roof Curb, Deduct</i>	-658.72	
23 74 16 13-0029	EA		3 Ton Electric Cooling, 60 To 80 MBH Gas Heating, Self Contained Package Rooftop Unit.....	5,655.83	1,868.73
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,056.82	
			<i>For Unit Without Roof Curb, Deduct</i>	-658.72	
23 74 16 13-0030	EA		4 Ton Electric Cooling, 80 To 110 MBH Gas Heating, Self Contained Package Rooftop Unit.....	6,962.42	2,153.10
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,056.82	
			<i>For Unit Without Roof Curb, Deduct</i>	-658.72	
23 74 16 13-0031	EA		5 Ton Electric Cooling, 100 To 120 MBH Gas Heating, Self Contained Package Rooftop Unit.....	7,970.14	2,315.60
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,056.82	
			<i>For Unit Without Roof Curb, Deduct</i>	-658.72	
23 74 16 13-0032	EA		6 Ton Electric Cooling, 140 MBH Gas Heating, Self Contained Package Rooftop Unit.....	8,923.11	2,498.41
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,056.82	
			<i>For Unit Without Roof Curb, Deduct</i>	-658.72	
23 74 16 13-0033	EA		7.5 Ton Electric Cooling, 150 To 180 MBH Gas Heating, Self Contained Package Rooftop Unit.....	9,740.27	2,620.29
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,078.66	
			<i>For Unit Without Roof Curb, Deduct</i>	-790.45	
23 74 16 13-0034	EA		8.5 Ton Electric Cooling, 170 To 190 MBH Gas Heating, Self Contained Package Rooftop Unit.....	11,620.46	2,173.41
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,078.66	
			<i>For Unit Without Roof Curb, Deduct</i>	-790.45	
23 74 16 13-0035	EA		10 Ton Electric Cooling, 200 To 240 MBH Gas Heating, Self Contained Package Rooftop Unit.....	14,456.35	2,924.97
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,103.11	
			<i>For Unit Without Roof Curb, Deduct</i>	-790.45	
23 74 16 13-0036	EA		12.5 Ton Electric Cooling, 250 MBH Gas Heating, Self Contained Package Rooftop Unit.....	15,790.62	3,168.72
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,191.35	
			<i>For Unit Without Roof Curb, Deduct</i>	-790.45	
23 74 16 13-0037	EA		15 Ton Electric Cooling, 300 MBH Gas Heating, Self Contained Package Rooftop Unit.....	19,061.59	3,412.47
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,252.01	
			<i>For Unit Without Roof Curb, Deduct</i>	-790.45	
23 74 16 13-0038	EA		17.5 Ton Electric Cooling, 330 MBH Gas Heating, Self Contained Package Rooftop Unit.....	20,150.35	3,656.21
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,252.01	
			<i>For Unit Without Roof Curb, Deduct</i>	-790.45	
23 74 16 13-0039	EA		20 Ton Electric Cooling, 350 MBH Gas Heating, Self Contained Package Rooftop Unit.....	30,731.69	3,899.96
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,252.01	
			<i>For Unit Without Roof Curb, Deduct</i>	-790.45	
23 74 16 13-0040	EA		22.5 Ton Electric Cooling, 380 MBH Gas Heating, Self Contained Package Rooftop Unit.....	37,492.62	4,306.21
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,252.01	
			<i>For Unit Without Roof Curb, Deduct</i>	-790.45	
23 74 16 13-0041	EA		25 Ton Electric Cooling, 400 MBH Gas Heating, Self Contained Package Rooftop Unit.....	44,253.54	4,658.28
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,252.01	
			<i>For Unit Without Roof Curb, Deduct</i>	-790.45	
23 74 16 13-0042	EA		27.5 Ton Electric Cooling, 450 MBH Gas Heating, Self Contained Package Rooftop Unit.....	45,613.53	5,118.70
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,252.01	
			<i>For Unit Without Roof Curb, Deduct</i>	-1,309.36	
23 74 16 13-0043	EA		30 Ton Electric Cooling, 500 MBH Gas Heating, Self Contained Package Rooftop Unit.....	48,953.87	5,524.95
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,252.01	
			<i>For Unit Without Roof Curb, Deduct</i>	-1,309.36	
23 74 16 13-0044	EA		35 Ton Electric Cooling, 550 MBH Gas Heating, Self Contained Package Rooftop Unit.....	52,638.29	6,459.31
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,252.01	
			<i>For Unit Without Roof Curb, Deduct</i>	-1,309.36	
23 74 16 13-0045	EA		40 Ton Electric Cooling, 600 MBH Gas Heating, Self Contained Package Rooftop Unit.....	58,303.07	7,393.68
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,252.01	
			<i>For Unit Without Roof Curb, Deduct</i>	-1,982.48	
23 74 16 13-0046	EA		45 Ton Electric Cooling, 650 MBH Gas Heating, Self Contained Package Rooftop Unit.....	62,876.76	8,328.04
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,252.01	
			<i>For Unit Without Roof Curb, Deduct</i>	-1,982.48	
23 74 16 13-0047	EA		50 Ton Electric Cooling, 750 MBH Gas Heating, Self Contained Package Rooftop Unit.....	67,450.42	9,262.40
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,252.01	
			<i>For Unit Without Roof Curb, Deduct</i>	-1,982.48	
23 74 16 13-0048	EA		55 Ton Electric Cooling, 800 MBH Gas Heating, Self Contained Package Rooftop Unit.....	73,878.97	10,196.77
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,252.01	
			<i>For Unit Without Roof Curb, Deduct</i>	-2,462.37	
23 74 16 13-0049	EA		60 Ton Electric Cooling, 850 MBH Gas Heating, Self Contained Package Rooftop Unit.....	80,307.50	11,131.13
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,252.01	
			<i>For Unit Without Roof Curb, Deduct</i>	-2,462.37	
23 74 16 13-0050	EA		65 Ton Electric Cooling, 900 MBH Gas Heating, Self Contained Package Rooftop Unit.....	85,976.76	11,598.32
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,252.01	
			<i>For Unit Without Roof Curb, Deduct</i>	-2,279.96	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 74 Packaged Outdoor HVAC Equipment**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 74 16 13-0051	EA 70 Ton Electric Cooling, 950 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Without Factory Installed Economizer, Deduct</i> <i>For Unit Without Roof Curb, Deduct</i>	91,618.92 -2,252.01 -2,279.96	12,045.19
23 74 16 13-0052	EA 75 Ton Electric Cooling, 1,000 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Without Factory Installed Economizer, Deduct</i> <i>For Unit Without Roof Curb, Deduct</i>	97,288.17 -2,252.01 -2,536.18	12,512.37
23 74 16 13-0053	EA 80 Ton Electric Cooling, 1,100 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Without Factory Installed Economizer, Deduct</i> <i>For Unit Without Roof Curb, Deduct</i>	102,984.51 -2,252.01 -2,536.18	12,999.86
23 74 16 13-0054	EA 90 Ton Electric Cooling, 1,200 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Without Factory Installed Economizer, Deduct</i> <i>For Unit Without Roof Curb, Deduct</i>	139,841.91 -2,252.01 -2,536.18	15,274.84
23 74 16 13-0055	EA 100 Ton Electric Cooling, 1,350 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Without Factory Installed Economizer, Deduct</i> <i>For Unit Without Roof Curb, Deduct</i>	161,195.57 -2,252.01 -2,536.18	18,606.06
23 74 16 13-0056	AAON Rooftop Units <small>(23 74 16 13)</small> Note: Units < 5 tons have 14 SEER, units 5 to < 20 tons have 11 EER, and units 20 tons and over have 10 EER. Excludes crane and associated personnel. See CSI section 01 22 23 00-0800 for crane lifting equipment, 26 28 16 16-0001 for disconnects.		
23 74 16 13-0057	AAON RQ Rooftop Units <small>(23 74 16 13-0056)</small> Note: Includes 2" double wall foam panel construction, direct drive fan with VFD (or ECM motor), single stage on/off scroll compressor, terminal strip for field supplied thermostat, gas heat, manually adjustable OSA damper, microchannel condenser coils. Excludes economizer, controls, disconnect, roof curb, items not specifically mentioned above. Excludes crane and associated personnel. See CSI section 01 22 23 00-0800 for crane lifting equipment.		
23 74 16 13-0058	EA 2 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-002) <i>For Factory Installed And Wired Dry Bulb Economizer, Add</i> <i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i> <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Factory Installed Exhaust Fan, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	11,206.07 1,144.60 1,241.82 977.68 1,118.92 5,704.67 1,331.70	1,624.98
23 74 16 13-0059	EA 3 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-003) <i>For Factory Installed And Wired Dry Bulb Economizer, Add</i> <i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i> <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Factory Installed Exhaust Fan, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	12,246.45 1,227.15 1,331.70 1,047.39 1,199.63 5,704.67 1,331.70	1,868.73
23 74 16 13-0060	EA 4 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-004) <i>For Factory Installed And Wired Dry Bulb Economizer, Add</i> <i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i> <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Factory Installed Exhaust Fan, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	12,788.86 1,227.15 1,331.70 1,047.39 1,199.63 5,704.67 1,331.70	2,153.10
23 74 16 13-0061	EA 5 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-005) <i>For Factory Installed And Wired Dry Bulb Economizer, Add</i> <i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i> <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Factory Installed Exhaust Fan, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	13,150.44 1,227.15 1,331.70 1,047.39 1,199.63 5,704.67 1,331.70	2,315.60
23 74 16 13-0062	EA 6 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-006) <i>For Factory Installed And Wired Dry Bulb Economizer, Add</i> <i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i> <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Factory Installed Exhaust Fan, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	14,375.54 1,227.15 1,331.70 1,047.39 1,199.63 5,704.67 1,331.70	2,823.46
23 74 16 13-0063	AAON RNA Rooftop Units <small>(23 74 16 13-0056)</small> Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, single stage on/off compressor, terminal strip for field provided thermostat, gas heat, manually adjustable OSA damper. Excludes economizer, controls, disconnect, roof curb, items not specifically mentioned above. Excludes crane and associated personnel. See CSI section 01 22 23 00-0800 for crane lifting equipment.		
23 74 16 13-0064	EA 6 Ton, Air Cooled Packaged Rooftop Units (AAON RNA-006) <i>For Factory Installed And Wired Dry Bulb Economizer, Add</i> <i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i> <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Factory Installed Exhaust Fan, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	17,238.88 1,194.13 1,834.30 1,223.48 1,129.93 3,046.77 1,038.21	2,498.46
23 74 16 13-0065	EA 7 Ton, Air Cooled Packaged Rooftop Units (AAON RNA-007) <i>For Factory Installed And Wired Dry Bulb Economizer, Add</i> <i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i> <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Factory Installed Exhaust Fan, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	18,390.07 1,194.13 1,834.30 1,223.48 1,129.93 3,046.77 1,038.21	2,620.34
23 74 16 13-0066	EA 8 Ton, Air Cooled Packaged Rooftop Units (AAON RNA-008) <i>For Factory Installed And Wired Dry Bulb Economizer, Add</i> <i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i> <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Factory Installed Exhaust Fan, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	21,060.15 1,194.13 1,834.30 1,223.48 1,129.93 3,046.77 1,038.21	2,823.46

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0067	EA		10 Ton, Air Cooled Packaged Rooftop Units (AAON RNA-010) <i>For Factory Installed And Wired Dry Bulb Economizer, Add</i> <i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i> <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Factory Installed Exhaust Fan, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	21,292.79 1,194.13 1,834.30 1,223.48 1,129.93 3,046.77 1,038.21	2,924.97
23 74 16 13-0068			AAON RNB Rooftop Units (23 74 16 13-0068) Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (1) on/off scroll compressors, terminal strip for field provided thermostat, gas heat, factory installed 3 position economizer. Excludes controls, disconnect, roof curb, items not specifically mentioned above. Excludes crane and associated personnel. See CSI section 01 22 23 00-0800 for crane lifting equipment.		
23 74 16 13-0069	EA		9 Ton, Air Cooled Packaged Rooftop Units (AAON RNB-009) <i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i> <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Factory Installed Exhaust Fan, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	25,098.97 1,759.09 1,375.72 1,091.41 2,905.53 1,043.72	2,924.97
23 74 16 13-0070	EA		11 Ton, Air Cooled Packaged Rooftop Units (AAON RNB-011) <i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i> <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Factory Installed Exhaust Fan, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	25,260.28 1,759.09 1,375.72 1,091.41 2,905.53 1,043.72	2,843.72
23 74 16 13-0071	EA		13 Ton, Air Cooled Packaged Rooftop Units (AAON RNB-013) <i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i> <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Factory Installed Exhaust Fan, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	27,560.92 1,759.09 1,375.72 1,091.41 2,905.53 1,043.72	3,168.72
23 74 16 13-0072	EA		15 Ton, Air Cooled Packaged Rooftop Units (AAON RNB-015) <i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i> <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Factory Installed Exhaust Fan, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	28,311.48 1,759.09 1,375.72 1,091.41 2,905.53 1,043.72	3,412.47
23 74 16 13-0073			AAON RNC Rooftop Units (23 74 16 13-0073) Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (2) on/off scroll compressors, terminal strip for field provided thermostat, gas heat, factory installed 3 position economizer. Excludes controls, disconnect, roof curb, items not specifically mentioned above. Excludes crane and associated personnel.		
23 74 16 13-0074	EA		16 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-016) <i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i> <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Factory Installed Exhaust Fan, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	36,184.30 2,597.37 1,834.30 1,091.41 5,328.64 475.08	3,412.47
23 74 16 13-0075	EA		18 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-018) <i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i> <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Factory Installed Exhaust Fan, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	39,080.98 2,597.37 1,834.30 1,091.41 5,328.64 475.08	3,656.21
23 74 16 13-0076	EA		20 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-020) <i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i> <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Factory Installed Exhaust Fan, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	41,418.20 2,597.37 1,834.30 1,091.41 5,328.64 475.08	3,899.96
23 74 16 13-0077	EA		25 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-025) <i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i> <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Factory Installed Exhaust Fan, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	44,953.97 2,597.37 1,834.30 1,091.41 5,328.64 475.08	4,712.45
23 74 16 13-0078	EA		30 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-030) <i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i> <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Factory Installed Exhaust Fan, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	51,035.77 2,597.37 1,834.30 1,091.41 5,328.64 475.08	5,524.95
23 74 16 13-0079			AAON RND Rooftop Units (23 74 16 13-0079) Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (2) variable capacity digital scroll compressor and (2) on/off compressor, VAV unit controller (varies fan speed and compressor capacity for energy savings year round), cooling only - no heat, factory installed economizer with powered exhaust fans with VFD's, (building static pressure control), factory installed non-fused disconnect and factory start up. Excludes roof curb, items not specifically mentioned above. Excludes crane and associated personnel.		
23 74 16 13-0080	EA		26 Ton, Air Cooled Packaged Rooftop Units (AAON RND-026) <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	67,565.39 2,292.88 2,483.64 3,485.17	4,712.45
23 74 16 13-0081	EA		31 Ton, Air Cooled Packaged Rooftop Units (AAON RND-031) <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	77,033.30 2,292.88 2,483.64 3,485.17	5,524.95

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 70 Central HVAC Equipment

23 74 Packaged Outdoor HVAC Equipment



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0082	EA		40 Ton, Air Cooled Packaged Rooftop Units (AAON RND-040)..... <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	91,024.17 2,292.88 2,483.64 3,485.17	7,393.68
23 74 16 13-0083	EA		50 Ton, Air Cooled Packaged Rooftop Units (AAON RND-050)..... <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	106,924.54 2,292.88 2,483.64 3,485.17	9,262.40
23 74 16 13-0084	EA		60 Ton, Air Cooled Packaged Rooftop Units (AAON RND-060)..... <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	117,734.72 2,292.88 2,483.64 3,485.17	11,131.13
23 74 16 13-0085	EA		70 Ton, Air Cooled Packaged Rooftop Units (AAON RND-070)..... <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	123,992.29 2,292.88 2,483.64 3,485.17	12,045.24
23 74 16 13-0086 AAOON RNE Rooftop Units <small>(23 74 16 13-0056)</small>					
Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (1 or 2) variable speed VFD controlled scroll compressor and (1 or 2) on/off compressor, VAV unit controller (varies fan speed and compressor capacity for energy savings year round), cooling only - no heat, factory installed economizer with powered exhaust fans with VFD's, (building static pressure control), Microchannel condenser coils with VFD controlled condenser fans, factory installed non fused disconnect and factory start up. Excludes roof curb, items not specifically mentioned above. Excludes crane and associated personnel.					
23 74 16 13-0087	EA		55 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-055)..... <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	114,221.72 2,590.03 3,719.96 4,952.61	10,196.77
23 74 16 13-0088	EA		65 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-065)..... <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	125,931.47 2,590.03 3,719.96 4,952.61	11,598.37
23 74 16 13-0089	EA		75 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-075)..... <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	133,953.63 2,590.03 3,719.96 4,952.61	12,512.37
23 74 16 13-0090	EA		95 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-090)..... <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	162,665.41 2,590.03 3,719.96 4,952.61	16,940.44
23 74 16 13-0091	EA		105 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-105)..... <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	176,494.66 2,590.03 3,719.96 4,952.61	19,337.30
23 74 16 13-0092	EA		120 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-120)..... <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	205,424.15 2,590.03 3,719.96 4,952.61	21,287.27
23 74 16 13-0093	EA		130 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-130)..... <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	210,692.16 2,590.03 3,719.96 4,952.61	22,587.26
23 74 16 13-0094	EA		140 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-140)..... <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	221,309.00 2,590.03 3,719.96 4,952.61	25,268.49
23 74 16 13-0095 Heat Pump, Packaged Rooftop Heat Pump Units <small>(23 74 16 13)</small>					
See CSI section 01 22 23 00-0800 for crane lifting equipment, 26 28 16 16-0001 for disconnects.					
23 74 16 13-0096 Packaged Rooftop Heat Pump Units <small>(23 74 16 13-0095)</small>					
Note: Includes evaporator and condenser coils, electric heat, thermostatic expansion valve, compressor, evaporator and condenser fans, refrigerant charge, filter section with filter, operation and safety controls, motors, condensate drain pan, condenser coil guards, manual outside air damper, and roof curb. Excludes crane and associated personnel.					
23 74 16 13-0097	EA		2 Ton Packaged Rooftop Heat Pump..... <i>For Economizer With Outside Air Control, Add</i> <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	6,433.10 1,916.45 224.16 -658.72	1,462.49
23 74 16 13-0098	EA		2.5 Ton Packaged Rooftop Heat Pump..... <i>For Economizer With Outside Air Control, Add</i> <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	6,776.40 2,030.95 234.01 -658.72	1,572.22
23 74 16 13-0099	EA		3 Ton Packaged Rooftop Heat Pump..... <i>For Economizer With Outside Air Control, Add</i> <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	7,168.99 2,155.81 246.33 -658.72	1,681.86
23 74 16 13-0100	EA		3.5 Ton Packaged Rooftop Heat Pump..... <i>For Economizer With Outside Air Control, Add</i> <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	7,693.50 2,104.22 264.02 -658.72	1,809.80
23 74 16 13-0101	EA		4 Ton Packaged Rooftop Heat Pump..... <i>For Economizer With Outside Air Control, Add</i> <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	8,218.24 2,249.73 281.73 -658.72	1,937.85
23 74 16 13-0102	EA		5 Ton Packaged Rooftop Heat Pump..... <i>For Economizer With Outside Air Control, Add</i> <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	8,808.98 2,414.50 241.21 -658.72	2,084.10

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0103	EA		6 Ton Packaged Rooftop Heat Pump <i>For Economizer With Outside Air Control, Add</i> <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	9,902.00 2,672.71 207.12 -658.72	2,248.55
23 74 16 13-0104	EA		7.5 Ton Packaged Rooftop Heat Pump <i>For Economizer With Outside Air Control, Add</i> <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	12,685.31 2,717.09 286.23 -790.45	2,358.28
23 74 16 13-0105	EA		8.5 Ton Packaged Rooftop Heat Pump <i>For Economizer With Outside Air Control, Add</i> <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	14,180.09 2,881.17 323.76 -790.45	2,541.04
23 74 16 13-0106	EA		10 Ton Packaged Rooftop Heat Pump <i>For Economizer With Outside Air Control, Add</i> <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	15,237.33 2,927.72 234.55 -790.45	2,632.48
23 74 16 13-0107	EA		12.5 Ton Packaged Rooftop Heat Pump <i>For Economizer With Outside Air Control, Add</i> <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	17,658.26 3,286.81 277.12 -790.45	2,851.85
23 74 16 13-0108	EA		15 Ton Packaged Rooftop Heat Pump <i>For Economizer With Outside Air Control, Add</i> <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	20,079.18 3,645.90 319.68 -790.45	3,071.21
23 74 16 13-0109	EA		17.5 Ton Packaged Rooftop Heat Pump <i>For Economizer With Outside Air Control, Add</i> <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	22,474.87 4,002.47 361.75 -790.45	3,290.59
23 74 16 13-0110	EA		20 Ton Packaged Rooftop Heat Pump <i>For Economizer With Outside Air Control, Add</i> <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	24,870.55 4,359.04 403.81 -790.45	3,509.96
23 74 16 13-0111			Heating Only Packaged Rooftop Units <small>(23 74 16 13-0095)</small> Note: Includes throwaway filters, filter rack, manual outside air damper, roof curbs and electric heat. Units are shipped fully factory assembled in one piece, prewired and include start-up. Excludes crane and associated personnel. See CSI section 01 22 23 00-0800 for crane lifting equipment, 26 28 16 16-0001 for disconnects.		
23 74 16 13-0112	EA		24 MBH Electric Heating Only, Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	6,571.30 420.99 -658.72	1,462.49
23 74 16 13-0113	EA		32 MBH Electric Heating Only, Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	7,718.04 495.41 -658.72	1,681.86
23 74 16 13-0114	EA		45 MBH Electric Heating Only, Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	10,537.99 685.98 -658.72	1,937.85
23 74 16 13-0115	EA		60 MBH Electric Heating Only, Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	11,881.32 776.12 -658.72	2,084.10
23 74 16 13-0116	EA		95 MBH Electric Heating Only, Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	13,955.44 913.99 -790.45	2,358.28
23 74 16 13-0117	EA		112 MBH Electric Heating Only, Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	15,711.61 1,032.05 -790.45	2,541.04
23 74 16 13-0118	EA		140 MBH Electric Heating Only, Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	18,567.06 1,229.50 -790.45	2,632.48
23 74 16 13-0119	EA		170 MBH Electric Heating Only, Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	24,092.67 1,604.59 -790.45	3,071.21
23 74 16 13-0120	EA		200 MBH Electric Heating Only, Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	31,765.28 2,135.82 -790.45	3,290.59
23 74 16 13-0121	EA		230 MBH Electric Heating Only, Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	37,057.20 2,500.41 -790.45	3,509.96
23 74 16 13-0122	EA		270 MBH Electric Heating Only, Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	48,137.32 3,266.26 -790.45	3,875.59
23 74 16 13-0123	EA		330 MBH Electric Heating Only, Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	60,183.88 4,090.02 -1,309.36	4,931.83
23 74 16 13-0124	EA		360 MBH Electric Heating Only, Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	74,003.17 5,047.62 -1,309.36	4,972.45
23 74 16 13-0125	EA		450 MBH Electric Heating Only, Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	90,122.70 6,153.57 -1,309.36	5,813.44
23 74 16 13-0126	EA		540 MBH Electric Heating Only, Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	116,886.17 7,982.16 -1,982.48	7,495.29

23 74 23 Packaged, Outdoor, Heating-Only Makeup-Air Units (23 74)
23 74 23 13 Packaged, Direct-Fired, Outdoor, Heating-Only Makeup-Air Units (23 74 23)

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 74 Packaged Outdoor HVAC Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 74 23 13-0001	Make-Up Air Units <small>(23 74 23 13)</small>		
	Note: Units are shipped fully factory assembled in one piece, prewired, prepiped, charged with refrigerant. Includes throwaway filters and start-up. Excludes crane and associated personnel. See CSI section 01 22 23 00-0800 for crane lifting equipment.		
23 74 23 13-0002	Gas-Fired Electric Spark Make-Up Air Units <small>(23 74 23 13-0001)</small>		
	Note: With 2-position damper curb filter and thermostat with capillary. Excludes crane and associated personnel. See CSI section 01 22 23 00-0801 for crane lifting equipment.		
23 74 23 13-0003	EA 100,000 BTU 1/2 HP, 1,200 CFM, Make-up Air Unit, Gas Fired, Electric Spark.....	7,599.80	487.50
	<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	2,036.19	
	<i>For Equipment Base Roof Curb, Add</i>	925.60	
23 74 23 13-0004	EA 300,000 BTU 1-1/2 HP, 3,500 CFM, Make-up Air Unit, Gas Fired, Electric Spark.....	9,831.74	552.50
	<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	2,670.57	
	<i>For Equipment Base Roof Curb, Add</i>	1,201.07	
23 74 23 13-0005	EA 500,000 BTU 2 HP, 4,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark.....	13,696.03	649.99
	<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	3,783.81	
	<i>For Equipment Base Roof Curb, Add</i>	1,679.50	
23 74 23 13-0006	EA 670,000 BTU 3 HP, 6,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark.....	13,803.70	693.33
	<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	3,791.74	
	<i>For Equipment Base Roof Curb, Add</i>	1,690.53	
23 74 23 13-0007	EA 800,000 BTU 5 HP, 7,500 CFM, Make-up Air Unit, Gas Fired, Electric Spark.....	18,885.50	779.99
	<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	5,275.66	
	<i>For Equipment Base Roof Curb, Add</i>	2,321.69	
23 74 23 13-0008	EA 1,200,000 BTU 10 HP, 10,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark.....	28,661.05	974.99
	<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	8,110.82	
	<i>For Equipment Base Roof Curb, Add</i>	3,533.88	
23 74 23 13-0009	Electric Make-Up Air Units <small>(23 74 23 13-0001)</small>		
	Note: With 2-position damper curb filter and thermostat with capillary. Excludes crane and associated personnel. See CSI section 01 22 23 00-0801 for crane lifting equipment.		
23 74 23 13-0010	EA 33 KW, 1/2 HP, 1,200 CFM Make-up Air Unit, Electric.....	15,757.21	487.50
	<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	4,483.42	
	<i>For Equipment Base Roof Curb, Add</i>	1,945.28	
23 74 23 13-0011	EA 100 KW, 1-1/2 HP, 3,500 CFM Make-up Air Unit, Electric.....	22,562.75	552.50
	<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	6,489.87	
	<i>For Equipment Base Roof Curb, Add</i>	2,792.45	
23 74 23 13-0012	EA 150 KW, 2 HP, 4,000 CFM Make-up Air Unit, Electric.....	27,963.71	649.99
	<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	8,064.12	
	<i>For Equipment Base Roof Curb, Add</i>	3,462.96	
23 74 23 13-0013	EA 250 KW, 5 HP, 7,500 CFM Make-up Air Unit, Electric.....	36,190.04	779.99
	<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	10,467.02	
	<i>For Equipment Base Roof Curb, Add</i>	4,484.76	
23 74 23 13-0014	EA 400 KW, 10 HP, 10,000 CFM Make-up Air Unit, Electric.....	58,580.94	974.99
	<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	17,086.79	
	<i>For Equipment Base Roof Curb, Add</i>	7,273.87	

23 76 Evaporative Air-Cooling Equipment (23 70)**23 76 13 Direct Evaporative Air Coolers** (23 76)

23 76 13 00-0001	Residential Side Or Down Draft Evaporative Cooling Unit <small>(23 76 13)</small>		
	Note: Includes motor, belt and pads.		
23 76 13 00-0002	EA 3,000 CFM, 1/3 HP Residential Side Or Down Draft Evaporative Cooling Unit.....	1,449.45	329.20
23 76 13 00-0003	EA 4,300 CFM, 1/3 HP Residential Side Or Down Draft Evaporative Cooling Unit.....	1,713.00	384.06
23 76 13 00-0004	EA 4,400 CFM, 1/2 HP Residential Side Or Down Draft Evaporative Cooling Unit.....	2,228.40	438.94
23 76 13 00-0005	EA 5,000 CFM, 3/4 HP Residential Side Or Down Draft Evaporative Cooling Unit.....	2,422.65	493.80
23 76 13 00-0006	EA 6,000 CFM, 3/4 HP Residential Side Or Down Draft Evaporative Cooling Unit.....	2,785.93	548.66
23 76 13 00-0007	EA 7,000 CFM, 1 HP Residential Side Or Down Draft Evaporative Cooling Unit.....	2,997.08	603.53

23 76 13 00-0008 Industrial Side Draft/Side Discharge Evaporative Coolers (23 76 13)

Note: Excludes motor starter, piping, power wiring and equipment rigging.

23 76 13 00-0009	EA 7,500 CFM, 3/4 HP Industrial Side Or Down Draft Evaporative Cooling Unit.....	2,824.46	323.72
23 76 13 00-0010	EA 8,500 CFM, 1 HP Industrial Side Or Down Draft Evaporative Cooling Unit.....	2,914.80	334.20
23 76 13 00-0011	EA 9,500 CFM, 1 1/2 HP Industrial Side Or Down Draft Evaporative Cooling Unit.....	3,462.08	464.14
23 76 13 00-0012	EA 11,375 CFM, 2 HP Industrial Side Or Down Draft Evaporative Cooling Unit.....	7,469.82	547.88
23 76 13 00-0013	EA 13,020 CFM, 3 HP Industrial Side Or Down Draft Evaporative Cooling Unit.....	8,056.00	802.08
23 76 13 00-0014	EA 16,267 CFM, 3 HP Industrial Side Or Down Draft Evaporative Cooling Unit.....	9,237.97	855.55
23 76 13 00-0015	EA 15,438 CFM, 5 HP Industrial Side Or Down Draft Evaporative Cooling Unit.....	8,461.35	962.50
23 76 13 00-0016	EA 19,286 CFM, 5 HP Industrial Side Or Down Draft Evaporative Cooling Unit.....	10,027.77	1,203.13
23 76 13 00-0017	EA 17,672 CFM, 7-1/2 HP Industrial Side Or Down Draft Evaporative Cooling Unit.....	10,016.45	1,572.72
23 76 13 00-0018	EA 22,077 CFM, 7-1/2 HP Industrial Side Or Down Draft Evaporative Cooling Unit.....	11,169.60	1,604.16
23 76 13 00-0019	EA 24,301 CFM, 10 HP Industrial Side Or Down Draft Evaporative Cooling Unit.....	11,750.88	1,782.44
23 76 13 00-0020	EA 30,000 CFM, 20 HP Industrial Side Or Down Draft Evaporative Cooling Unit.....	15,711.76	2,785.04
23 76 13 00-0021	EA 35,000 CFM, 20 HP Industrial Side Or Down Draft Evaporative Cooling Unit.....	17,644.22	2,906.10

23 80 Decentralized Unitary HVAC Equipment (23)

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 23 05 29 00-0000 for hangers and supports, 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 16-0001 for disconnect.

23 81 Decentralized Unitary HVAC Equipment (23 80)**23 81 13 Packaged Terminal Air-Conditioners** (23 81)

Note: Units consists of fresh air intake, throwaway filters, exhaust, automatic thermostat, hermetically sealed compressor with

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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5 year guarantee, "sleeve-type" construction, condensing fan motor enclosed, fan to be aluminum, three wire ground cord, multi speed fan, exposed steel parts to be phosphate bonderized with baked enamel finish and copper tubes mechanically expanded into aluminum of evaporator and condensing coils. Includes equipment rigging. Efficiency Rating (ER) not less than 9.

23 81 13 11 Packaged Terminal Air-Conditioners, Through-Wall Units (23 81 13)

23 81 13 11-0001			Packaged Terminal Air-Conditioners (23 81 13 11)		
23 81 13 11-0002			Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioners (23 81 13 11-0001)		
23 81 13 11-0003	EA		7,200 BTU, 13 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner.....	1,958.73	205.75
			For >35 To 70, Deduct	-46.42	
			For >70 To 100, Deduct	-77.36	
			For >100, Deduct	-108.31	
23 81 13 11-0004	EA		9,400 BTU, 12.1 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner.....	2,067.72	247.34
			For >35 To 70, Deduct	-47.21	
			For >70 To 100, Deduct	-78.68	
			For >100, Deduct	-110.15	
23 81 13 11-0005	EA		11,800 BTU, 11.6 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner.....	2,188.61	263.59
			For >35 To 70, Deduct	-49.82	
			For >70 To 100, Deduct	-83.04	
			For >100, Deduct	-116.26	
23 81 13 11-0006	EA		14,500 BTU, 10.4 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner.....	2,365.13	283.33
			For >35 To 70, Deduct	-53.96	
			For >70 To 100, Deduct	-89.94	
			For >100, Deduct	-125.91	

23 81 13 11-0007 Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioners (23 81 13 11-0001)

23 81 13 11-0008	EA		7,200 BTU, 13 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner.....	2,092.73	219.47
			For >35 To 70, Deduct	-49.64	
			For >70 To 100, Deduct	-82.73	
			For >100, Deduct	-115.82	
23 81 13 11-0009	EA		9,400 BTU, 12.1 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner.....	2,207.65	247.34
			For >35 To 70, Deduct	-51.41	
			For >70 To 100, Deduct	-85.68	
			For >100, Deduct	-119.95	
23 81 13 11-0010	EA		11,800 BTU, 11.6 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner.....	2,290.00	263.59
			For >35 To 70, Deduct	-52.87	
			For >70 To 100, Deduct	-88.11	
			For >100, Deduct	-123.35	
23 81 13 11-0011	EA		14,500 BTU, 10.4 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner.....	2,498.97	283.33
			For >35 To 70, Deduct	-57.98	
			For >70 To 100, Deduct	-96.63	
			For >100, Deduct	-135.28	

23 81 13 11-0012 Packaged Terminal Air-Conditioners, Through-Wall Unit Sleeve (23 81 13 11)

Note: Includes wall case, exterior grille, weather panel and steel closure panels. Includes bolts, nuts, washers, caulking and lintel supports. Not for use with new A/C units where wall sleeve is provided. Excludes cutting opening for unit or patching masonry or concrete.

23 81 13 11-0013	EA		Up To 10,000 BTU Unit, Thru Wall A/C Sleeve.....	94.16	
23 81 13 11-0014	EA		>10,000 To 20,000 BTU Unit, Thru Wall A/C Sleeve.....	106.20	
23 81 13 11-0015	EA		>20,000 To 30,000 BTU Unit, Thru Wall A/C Sleeve.....	118.24	

23 81 13 11-0016 Removal And Reinstallation Of Packaged Terminal Air-Conditioners, Through-Wall Units (23 81 13 11)

Note: Includes storage and cleaning.

23 81 13 11-0017	EA		Removal And Reinstallation Of Packaged Terminal Air-Conditioners, Through-Wall Units.....	219.47	
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23 81 13 13 Packaged Terminal Air-Conditioners, Outdoor, Wall-Mounted Units (23 81 13)

23 81 13 13-0001 Single Package Vertical Wall Cooling Unit (23 81 13 13)

Note: Air-to-air type with electric heat. Includes throwaway filters. Wall units are wired for 230/208 Volt, 1 phase, 60 HZ. With solid state electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls, insulated steel cabinet, with wall sleeve and outdoor grille and stainless steel drain pan. Excludes crane and associated personnel. See CSI section 01 22 23 00-0801 for crane lifting equipment.

23 81 13 13-0002	EA		1/2 Ton Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat.....	4,842.82	249.71
23 81 13 13-0003	EA		1 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat.....	7,319.27	261.60
23 81 13 13-0004	EA		1-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat.....	9,571.88	273.50
23 81 13 13-0005	EA		2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat.....	11,007.88	297.28
23 81 13 13-0006	EA		2-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat.....	13,806.82	344.84
23 81 13 13-0007	EA		3 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat.....	14,813.67	428.08
23 81 13 13-0008	EA		3-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat.....	16,400.48	475.64
23 81 13 13-0009	EA		4 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat.....	18,060.37	535.10
23 81 13 13-0010	EA		5 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat.....	20,320.54	642.11
23 81 13 13-0011	EA		7-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat.....	26,268.44	796.70
23 81 13 13-0012	EA		10 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat.....	31,334.25	1,070.20
23 81 13 13-0013	EA		15 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat.....	43,934.14	1,308.01
23 81 13 13-0014	EA		20 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat.....	50,614.85	1,557.73
23 81 13 13-0015	EA		25 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat.....	60,495.25	1,747.99

23 81 16 Room Air-Conditioners (23 81)

Note: Units consists of fresh air intake, throwaway filters, exhaust, automatic thermostat, hermetically sealed compressor with

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 80 Decentralized Unitary HVAC Equipment

23 81 Decentralized Unitary HVAC Equipment



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

5 year guarantee, "sleeve-type" construction, condensing fan motor enclosed, fan to be aluminum, three wire ground cord, multi speed fan, exposed steel parts to be phosphate bonderized with baked enamel finish and copper tubes mechanically expanded into aluminum of evaporator and condensing coils. Includes equipment rigging. Efficiency Rating (ER) not less than 9.

Quantity	UOM	Description	Total Direct Unit Cost	Demolition Unit Cost
23 81 16 00-0001		Window Unit, Room Air-Conditioners (23 81 16)		
23 81 16 00-0002		Cooling Only, Window Unit, Room Air-Conditioners (23 81 16 00-0001)		
23 81 16 00-0003		Cooling Only, Window Unit, Room Air-Conditioners (Frigidaire) (23 81 16 00-0002)		
23 81 16 00-0004	EA	5,000 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0533Q1)	506.29	115.22
		For >10 To 50, Deduct	-13.79	
		For >50 To 75, Deduct	-19.31	
		For >75 To 100, Deduct	-27.59	
		For >100, Deduct	-33.10	
23 81 16 00-0005	EA	6,000 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0633Q1)	534.02	115.22
		For >10 To 50, Deduct	-15.18	
		For >50 To 75, Deduct	-21.25	
		For >75 To 100, Deduct	-30.36	
		For >100, Deduct	-36.43	
23 81 16 00-0006	EA	8,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0833U1)	603.33	115.22
		For >10 To 50, Deduct	-18.64	
		For >50 To 75, Deduct	-26.10	
		For >75 To 100, Deduct	-37.29	
		For >100, Deduct	-44.75	
23 81 16 00-0007	EA	10,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1033U1)	700.36	115.22
		For >10 To 50, Deduct	-23.50	
		For >50 To 75, Deduct	-32.89	
		For >75 To 100, Deduct	-46.99	
		For >100, Deduct	-56.39	
23 81 16 00-0008	EA	12,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1233Q1)	825.12	115.22
		For >10 To 50, Deduct	-29.73	
		For >50 To 75, Deduct	-41.63	
		For >75 To 100, Deduct	-59.47	
		For >100, Deduct	-71.36	
23 81 16 00-0009	EA	15,100 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1533Q1)	963.74	115.22
		For >10 To 50, Deduct	-36.67	
		For >50 To 75, Deduct	-51.33	
		For >75 To 100, Deduct	-73.33	
		For >100, Deduct	-88.00	
23 81 16 00-0010	EA	8,000 BTU, 10.9 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS0833Q1)	908.29	115.22
		For >10 To 50, Deduct	-33.89	
		For >50 To 75, Deduct	-47.45	
		For >75 To 100, Deduct	-67.79	
		For >100, Deduct	-81.34	
23 81 16 00-0011	EA	10,000 BTU, 9.5 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS1022Q1)	977.60	115.22
		For >10 To 50, Deduct	-37.36	
		For >50 To 75, Deduct	-52.30	
		For >75 To 100, Deduct	-74.72	
		For >100, Deduct	-89.66	
23 81 16 00-0012	EA	12,000 BTU, 9.5 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS1222Q1)	1,033.05	115.22
		For >10 To 50, Deduct	-40.13	
		For >50 To 75, Deduct	-56.18	
		For >75 To 100, Deduct	-80.26	
		For >100, Deduct	-96.31	
23 81 16 00-0013	EA	18,500 BTU, 11.2 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1833Q2)	1,088.50	115.22
		For >10 To 50, Deduct	-42.90	
		For >50 To 75, Deduct	-60.06	
		For >75 To 100, Deduct	-85.81	
		For >100, Deduct	-102.97	
23 81 16 00-0014	EA	22,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE2233S2)	1,199.39	115.22
		For >10 To 50, Deduct	-48.45	
		For >50 To 75, Deduct	-67.83	
		For >75 To 100, Deduct	-96.90	
		For >100, Deduct	-116.27	
23 81 16 00-0015	EA	25,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE2533S2)	1,213.26	115.22
		For >10 To 50, Deduct	-49.14	
		For >50 To 75, Deduct	-68.80	
		For >75 To 100, Deduct	-98.28	
		For >100, Deduct	-117.94	
23 81 16 00-0016	EA	28,000 BTU, 9.0 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRA2822R2)	1,843.43	115.22
		For >10 To 50, Deduct	-80.65	
		For >50 To 75, Deduct	-112.91	
		For >75 To 100, Deduct	-161.30	
		For >100, Deduct	-193.56	
23 81 16 00-0017		Cooling Only, Window Unit, Room Air-Conditioners (Friedrich Kuhl) (23 81 16 00-0002)		
23 81 16 00-0018	EA	8,000 BTU, 12.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS08N10C)	1,949.52	115.22
23 81 16 00-0019	EA	10,000 BTU, 12.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS10N10C)	2,140.72	115.22
23 81 16 00-0020	EA	11,900 BTU, 12.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS12N10C)	2,227.63	115.22
23 81 16 00-0021	EA	12,000 BTU, 12.2 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS12N30C)	2,262.40	115.22
23 81 16 00-0022	EA	20,000 BTU, 10.4 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SM18N30C)	2,575.27	115.22
23 81 16 00-0023	EA	24,000 BTU, 10.4 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL24N30C)	3,357.46	115.22
23 81 16 00-0024	EA	28,000 BTU, 10.0 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL28N30C)	3,618.19	115.22
23 81 16 00-0025	EA	36,000 BTU, 9.0 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL36N30B)	3,965.83	115.22



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 81 16 00-0026			Heating And Cooling, Window Unit, Room Air-Conditioners <small>(23 81 16 00-0001)</small>		
23 81 16 00-0027			Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioners (Frigidaire) <small>(23 81 16 00-0026)</small>		
23 81 16 00-0028	EA		8,000 BTU, 9.8 EER, 115 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH0822R1).....	1,033.05	115.22
			For >10 To 50, Deduct	-40.13	
			For >50 To 75, Deduct	-56.18	
			For >75 To 100, Deduct	-80.26	
			For >100, Deduct	-96.31	
23 81 16 00-0029	EA		12,000 BTU, 10.9 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH1222R2).....	1,185.53	115.22
			For >10 To 50, Deduct	-47.75	
			For >50 To 75, Deduct	-66.86	
			For >75 To 100, Deduct	-95.51	
			For >100, Deduct	-114.61	
23 81 16 00-0030	EA		18,500 BTU, 10.7 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH1822R2).....	1,268.70	115.22
			For >10 To 50, Deduct	-51.91	
			For >50 To 75, Deduct	-72.68	
			For >75 To 100, Deduct	-103.83	
			For >100, Deduct	-124.59	
23 81 16 00-0031	EA		25,000 BTU, 9.4 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH2522R2).....	1,573.67	115.22
			For >10 To 50, Deduct	-67.16	
			For >50 To 75, Deduct	-94.03	
			For >75 To 100, Deduct	-134.32	
			For >100, Deduct	-161.19	
23 81 16 00-0032			Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioners (Friedrich) <small>(23 81 16 00-0026)</small>		
23 81 16 00-0033	EA		12,000 BTU, 11.3 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Friedrich ES12N33B).....	2,349.31	115.22
23 81 16 00-0034			Accessories <small>(23 81 16 00-0001)</small>		
23 81 16 00-0035	SET		Aluminum Air Conditioner Unit Frame And Bracket Assembly.....	585.81	63.86
23 81 16 00-0036			Removal And Reinstallation Of Room Air-Conditioners <small>(23 81 16)</small>		
			Note: Includes storage and cleaning.		
23 81 16 00-0037	EA		Removal And Reinstallation Of Room Air-Conditioning Unit In Window Lower Sash.....	137.16	
23 81 16 00-0038	EA		Removal And Reinstallation Of Room Air-Conditioning Unit In Window Upper Sash.....	296.29	
23 81 16 00-0039			Through-The-Wall, Room Air-Conditioners <small>(23 81 16)</small>		
			Note: Base unit excludes wall sleeve.		
23 81 16 00-0040			Cooling Only, Through-The-Wall, Room Air-Conditioners <small>(23 81 16 00-0039)</small>		
23 81 16 00-0041			Cooling Only, Through-The-Wall, Room Air-Conditioners (Friedrich) <small>(23 81 16 00-0040)</small>		
23 81 16 00-0042	EA		8,000 BTU, 10.7 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS08D10A).....	1,466.51	82.30
			For >10 To 50, Deduct	-65.10	
			For >50 To 75, Deduct	-91.13	
			For >75 To 100, Deduct	-130.19	
			For >100, Deduct	-156.23	
			For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	278.61	
23 81 16 00-0043	EA		9,800 BTU, 10.7 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS10D10B).....	1,588.19	82.30
			For >10 To 50, Deduct	-71.18	
			For >50 To 75, Deduct	-99.65	
			For >75 To 100, Deduct	-142.36	
			For >100, Deduct	-170.83	
			For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	278.61	
23 81 16 00-0044	EA		12,000 BTU, 9.8 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS12D10A).....	1,814.15	82.30
			For >10 To 50, Deduct	-82.48	
			For >50 To 75, Deduct	-115.47	
			For >75 To 100, Deduct	-164.96	
			For >100, Deduct	-197.95	
			For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	278.61	
23 81 16 00-0045	EA		10,000 BTU, 10.7 EER, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS10D30A).....	1,588.19	82.30
			For >10 To 50, Deduct	-71.18	
			For >50 To 75, Deduct	-99.65	
			For >75 To 100, Deduct	-142.36	
			For >100, Deduct	-170.83	
			For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	278.61	
23 81 16 00-0046	EA		12,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS12D30A).....	1,814.15	82.30
			For >10 To 50, Deduct	-82.48	
			For >50 To 75, Deduct	-115.47	
			For >75 To 100, Deduct	-164.96	
			For >100, Deduct	-197.95	
			For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	278.61	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 81 Decentralized Unitary HVAC Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 16 00-0047			Heating And Cooling, Through-The-Wall, Room Air-Conditioners (23 81 16 00-0039)		
23 81 16 00-0048			Electric Heat, Heating And Cooling, Through-The-Wall, Room Air-Conditioners (Friedrich) (23 81 16 00-0047)		
23 81 16 00-0049	EA		10,000 BTU, 9.8 EER, 230/208 Volt, Heating And Cooling, Through-The-Wall, Room Air-Conditioner (Friedrich WE10D33).....	1,866.30	82.30
			For >10 To 50, Deduct	-85.09	
			For >50 To 75, Deduct	-119.12	
			For >75 To 100, Deduct	-170.17	
			For >100, Deduct	-204.20	
			For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	278.61	
23 81 16 00-0050	EA		12,000 BTU, 9.8 EER, 230/208 Volt, Heating And Cooling, Through-The-Wall, Room Air-Conditioner (Friedrich WE12D33).....	2,005.35	82.30
			For >10 To 50, Deduct	-92.04	
			For >50 To 75, Deduct	-128.85	
			For >75 To 100, Deduct	-184.08	
			For >100, Deduct	-220.89	
			For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	278.61	
23 81 23			Computer-Room Air-Conditioners (23 81)		
			Note: Includes equipment rigging. Indoor units include filters.		
23 81 23 12			Large-Capacity, Computer-Room Air-Conditioners, Floor Mounted Units (23 81 23)		
23 81 23 12-0001			Floor Mounted Air Cooled Direct Expansion Type (23 81 23 12) Note: Includes compressor sequence switch, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquid sensors, floor stand, and outdoor air cooled condenser complete with fan speed control. Excludes precharged copper pipe.		
23 81 23 12-0002	EA		3 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type	37,661.17	2,342.14
			Note: Includes interior unit and remote condenser. Excludes piping.		
			For Liebert Unit, Add	4,268.01	
23 81 23 12-0003	EA		5 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type	41,568.80	2,561.70
			Note: Includes interior unit and remote condenser. Excludes piping.		
			For Liebert Unit, Add	4,713.12	
23 81 23 12-0004	EA		6 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type	57,644.00	2,927.67
			Note: Includes interior unit and remote condenser. Excludes piping.		
			For Liebert Unit, Add	6,661.19	
23 81 23 12-0005	EA		8 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type	63,111.08	3,110.65
			Note: Includes interior unit and remote condenser. Excludes piping.		
			For Liebert Unit, Add	7,310.56	
23 81 23 12-0006	EA		10 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type	68,578.16	3,293.63
			Note: Includes interior unit and remote condenser. Excludes piping.		
			For Liebert Unit, Add	7,959.92	
23 81 23 12-0007	EA		16 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type	76,785.82	3,952.35
			Note: Includes interior unit and remote condenser. Excludes piping.		
			For Liebert Unit, Add	8,852.76	
23 81 23 12-0008	EA		20 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type	86,780.28	4,391.50
			Note: Includes interior unit and remote condenser. Excludes piping.		
			For Liebert Unit, Add	10,031.07	
23 81 23 12-0009	EA		22 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type	90,799.47	4,536.35
			Note: Includes interior unit and remote condenser. Excludes piping.		
			For Liebert Unit, Add	10,502.25	
23 81 23 12-0010	EA		24 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type	98,894.71	4,684.27
			Note: Includes interior unit and remote condenser. Excludes piping.		
			For Liebert Unit, Add	11,482.57	
23 81 23 12-0011	EA		30 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type	106,939.59	5,269.80
			Note: Includes interior unit and remote condenser. Excludes piping.		
			For Liebert Unit, Add	12,387.69	
23 81 23 12-0012			Floor Mounted Chilled Water Type (23 81 23 12) Note: Includes mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquid sensors, floor stand. Excludes chilled water source. See CSI section 23 81 23 12-0020 for chilled water source.		
23 81 23 12-0013	EA		3 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	22,510.49	1,604.84
			For Liebert Unit, Add	2,546.34	
23 81 23 12-0014	EA		5 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	24,191.54	1,777.67
			For Liebert Unit, Add	2,727.67	
23 81 23 12-0015	EA		12 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	29,933.26	2,707.65
			For Liebert Unit, Add	3,290.38	
23 81 23 12-0016	EA		16 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	31,293.25	2,743.32
			For Liebert Unit, Add	3,454.49	
23 81 23 12-0017	EA		20 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	32,496.50	2,853.05
			For Liebert Unit, Add	3,584.73	
23 81 23 12-0018	EA		22 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	33,264.42	3,127.38
			For Liebert Unit, Add	3,636.82	
23 81 23 12-0019	EA		31 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	35,288.10	3,401.72
			For Liebert Unit, Add	3,845.20	
23 81 23 12-0020			Floor Mounted Water Source (23 81 23 12) Note: Includes mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquid sensors, floor stand. Excludes water source.		
23 81 23 12-0021	EA		3 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	17,441.53	1,463.83
			For Liebert Unit, Add	1,906.74	
23 81 23 12-0022	EA		5 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	19,194.19	1,537.03
			For Liebert Unit, Add	2,112.08	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 23 12-0023	EA		6 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit..... <i>For Liebert Unit, Add</i>	24,876.55 2,808.77	1,610.22
23 81 23 12-0024	EA		8 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit..... <i>For Liebert Unit, Add</i>	26,809.32 3,021.44	1,756.60
23 81 23 12-0025	EA		10 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit..... <i>For Liebert Unit, Add</i>	29,610.57 3,344.12	1,902.98
23 81 23 12-0026	EA		12 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit..... <i>For Liebert Unit, Add</i>	30,774.03 3,461.46	2,049.37
23 81 23 12-0027	EA		15 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit..... <i>For Liebert Unit, Add</i>	32,130.87 3,608.13	2,195.75
23 81 23 12-0028	EA		20 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit..... <i>For Liebert Unit, Add</i>	33,041.61 3,696.13	2,342.14
23 81 23 12-0029	EA		25 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit..... <i>For Liebert Unit, Add</i>	37,793.29 4,204.59	2,781.28
23 81 23 12-0030			Floor Mounted Glycol System Type <small>(23 81 23 12)</small> Note: Includes drycoolers, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand. Excludes chilled water source. See CSI section 23 81 23 12-0020 for water source.		
23 81 23 12-0031	EA		3 Ton Computer Room Air Conditioner, Glycol System Type..... <i>For Liebert Unit, Add</i>	45,814.91 5,459.39	1,604.84
23 81 23 12-0032	EA		5 Ton Computer Room Air Conditioner, Glycol System Type..... <i>For Liebert Unit, Add</i>	49,295.15 5,865.62	1,777.67
23 81 23 12-0033	EA		6 Ton Computer Room Air Conditioner, Glycol System Type..... <i>For Liebert Unit, Add</i>	76,367.86 9,214.04	1,991.65
23 81 23 12-0034	EA		9 Ton Computer Room Air Conditioner, Glycol System Type..... <i>For Liebert Unit, Add</i>	78,738.30 9,474.69	2,205.63
23 81 23 12-0035	EA		10 Ton Computer Room Air Conditioner, Glycol System Type..... <i>For Liebert Unit, Add</i>	84,245.84 10,127.46	2,419.60
23 81 23 12-0036	EA		16 Ton Computer Room Air Conditioner, Glycol System Type..... <i>For Liebert Unit, Add</i>	100,888.42 12,151.55	2,743.32
23 81 23 12-0037	EA		20 Ton Computer Room Air Conditioner, Glycol System Type..... <i>For Liebert Unit, Add</i>	110,686.56 13,358.48	2,853.05
23 81 23 12-0038	EA		22 Ton Computer Room Air Conditioner, Glycol System Type..... <i>For Liebert Unit, Add</i>	114,719.59 13,818.72	3,127.38
23 81 23 12-0039	EA		30 Ton Computer Room Air Conditioner, Glycol System Type..... <i>For Liebert Unit, Add</i>	139,909.98 16,922.94	3,401.72
23 81 23 12-0040			Removal And Reinstallation Of Computer Room Unit <small>(23 81 23 12)</small> Note: Includes storage and cleaning. Excludes main mechanical piping. Reconnection of existing valves are included.		
23 81 23 12-0041	EA		Removal And Reinstallation Up To 6 Ton, Floor Mounted Chilled Water Computer Room Unit.....	2,194.66	
23 81 23 12-0042	EA		Removal And Reinstallation Up To 6 Ton Direct Expansion Computer Room Unit.....	1,828.88	
23 81 23 13			Computer-Room Air-Conditioners, Ceiling Mounted Units <small>(23 81 23)</small>		
23 81 23 13-0001			Ceiling Mounted Packaged Computer Room Air Conditioner <small>(23 81 23 13)</small> Note: Includes compressor sequence switch, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand, and outdoor air cooled condenser complete with fan speed control.		
23 81 23 13-0002	EA		1 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System..... <i>For Liebert Unit, Add</i>	14,955.01 1,738.99	695.71
23 81 23 13-0003	EA		1.5 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System..... <i>For Liebert Unit, Add</i>	16,531.50 1,909.86	835.50
23 81 23 13-0004	EA		2 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System..... <i>For Liebert Unit, Add</i>	18,875.83 2,163.53	1,045.64
23 81 23 13-0005	EA		3 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System..... <i>For Liebert Unit, Add</i>	23,195.88 2,670.88	1,219.90
23 81 23 13-0006	EA		5 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System..... <i>For Liebert Unit, Add</i>	31,472.49 3,685.57	1,325.90
23 81 26			Split-System Air-Conditioners <small>(23 81)</small>		
23 81 26 13			Small-Capacity Split-System Air-Conditioners <small>(23 81 26)</small>		
23 81 26 13-0001			Split System A/C Unit <small>(23 81 26 13)</small> See CSI section 23 23 16 00-0001 for piping, 23 54 00 00-0000 for furnaces.		
23 81 26 13-0002			Ductless Split System Air Conditioners <small>(23 81 26 13-0001)</small> Note: Excludes refrigerant piping, electrical, and pad. Panasonic units or equal. See CSI section 23 81 49 00-0024 for ductless heat pumps.		
23 81 26 13-0003			Wall Mounted Ductless Split System Air Conditioners <small>(23 81 26 13-0002)</small>		
23 81 26 13-0004	EA		9,000 BTU, 16 SEER, Wall Mounted Ductless Split System Air Conditioners..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,173.48	362.12
23 81 26 13-0005	EA		11,900 BTU, 17 SEER, Wall Mounted Ductless Split System Air Conditioner..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,353.63	395.03
23 81 26 13-0006	EA		17,500 BTU, 20 SEER, Wall Mounted Ductless Split System Air Conditioners..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,940.06	438.94
23 81 26 13-0007	EA		24,200 BTU, 17 SEER, Wall Mounted Ductless Split System Air Conditioners..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,266.14	482.83
23 81 26 13-0008	EA		25,200 BTU, 14.9 SEER, Wall Mounted Ductless Split System Air Conditioners..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,021.12	526.72
23 81 26 13-0009	EA		29,800 BTU, 15 SEER, Wall Mounted Ductless Split System Air Conditioners..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,842.95	548.66

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 80 Decentralized Unitary HVAC Equipment

23 81 Decentralized Unitary HVAC Equipment



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 81 26 13-0010	EA	31,400 BTU, 15.9 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,410.02	584.87
23 81 26 13-0011 Dual and Tri Zone Wall Mounted Ductless Split System Air Conditioners (23 81 26 13-0002)				
Note: Use this section only when matching indoor and outdoor capacity units are not used.				
23 81 26 13-0012	EA	7,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	937.46	175.58
23 81 26 13-0013	EA	9,000 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	990.93	186.55
23 81 26 13-0014	EA	11,900 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,045.29	197.52
23 81 26 13-0015	EA	17,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,181.37	208.49
23 81 26 13-0016	EA	24,200 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,263.56	219.47
23 81 26 13-0017	EA	19,700 BTU, 16.5 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes outdoor unit and refrigerant charge.	2,587.02	263.36
23 81 26 13-0018	EA	25,400 BTU, 16.2 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes outdoor unit and refrigerant charge.	2,861.83	285.31
23 81 26 13-0019	EA	30,600 BTU, 17.6 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes outdoor unit and refrigerant charge.	4,519.15	307.25
23 81 26 13-0020 Suspended Ceiling Mounted Ductless Split System Air Conditioners (23 81 26 13-0002)				
Note: Excludes hangers.				
23 81 26 13-0021	EA	24,400 BTU, 14.5 SEER, Ceiling Suspended Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,374.23	526.72
23 81 26 13-0022	EA	31,200 BTU, 15.1 SEER, Ceiling Suspended Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,549.53	628.77
23 81 26 13-0023	EA	39,000 BTU, 15.6 SEER, Ceiling Suspended Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	7,988.16	658.39
23 81 26 13-0024 Recessed Ceiling Mounted Ductless Split System Air Conditioners (23 81 26 13-0002)				
Note: Excludes hangers.				
23 81 26 13-0025	EA	11,900 BTU, 16 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,303.64	438.94
23 81 26 13-0026	EA	17,500 BTU, 16 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,850.57	482.83
23 81 26 13-0027	EA	24,800 BTU, 14.1 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,349.30	570.61
23 81 26 13-0028	EA	32,600 BTU, 14.6 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,190.44	628.77
23 81 26 13-0029	EA	39,500 BTU, 14.6 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	7,808.61	658.39
23 81 26 13-0030 Ductless Split System Accessories (23 81 26 13-0002)				
23 81 26 13-0031	LF	3" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	13.44	1.57
23 81 26 13-0032	LF	4" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	17.40	1.73
23 81 26 13-0033	LF	6" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	21.75	1.90
23 81 26 13-0034	EA	3" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	22.47	2.95
23 81 26 13-0035	EA	4" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	39.17	3.24
23 81 26 13-0036	EA	6" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	44.68	3.56
23 81 26 13-0037	EA	3" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	56.25	5.90
23 81 26 13-0038	EA	4" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	94.18	6.48
23 81 26 13-0039	EA	6" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	105.18	7.14
23 81 26 13-0040	EA	3" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	75.52	6.29
23 81 26 13-0041	EA	4" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	88.72	6.92
23 81 26 13-0042	EA	6" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	138.25	7.61
23 81 26 13-0043	EA	3" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	56.25	5.90
23 81 26 13-0044	EA	4" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	94.18	6.48
23 81 26 13-0045	EA	6" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	105.18	7.14
23 81 26 13-0046	EA	3" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	72.69	9.83
23 81 26 13-0047	EA	4" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	107.29	10.81
23 81 26 13-0048	EA	6" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	128.64	11.89
23 81 26 13-0049	EA	2-1/2" Wall Sleeve, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	42.08	1.96
23 81 26 13-0050	EA	3" x 20" Flexible Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	44.96	5.90
23 81 26 13-0051	EA	4" x 20" Flexible Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	73.85	6.48
23 81 26 13-0052	EA	3" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	40.44	5.90
23 81 26 13-0053	EA	4" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	55.78	6.48
23 81 26 13-0054	EA	6" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	60.00	7.14
23 81 26 13-0055	EA	4" T Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	202.27	7.86
23 81 26 13-0056	EA	6" T Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	229.50	8.65
23 81 26 13-0057	EA	14" Condensing Unit Mounting Blocks With End Caps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	120.95	29.49
23 81 26 13-0058	EA	17" Condensing Unit Mounting Blocks With End Caps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	133.69	31.45
23 81 26 13-0059	EA	36" Condensing Unit Mounting Blocks With End Caps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	184.83	33.42
23 81 26 13-0060	EA	End Cap, Set of 4 Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	22.57	
23 81 26 13-0061	EA	18" Condensing Unit Type 2 Wall Bracket, 165 LB Capacity Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	257.87	58.97
23 81 26 13-0062	EA	21" Condensing Unit Type 2 Wall Bracket, 220 LB Capacity Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	273.66	62.91
23 81 26 13-0063	LF	5/8" ID Condensate Drain Line Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2.98	0.16
23 81 26 13-0064	LF	3/4" ID Condensate Drain Line Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3.09	0.16



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 81 26 13-0065			Cased A/C Evaporator Coils (23 81 26 13-0001)		
23 81 26 13-0066			Vertical Cased A/C Evaporator Coils (23 81 26 13-0065)		
23 81 26 13-0067	EA		1-1/2 Ton Vertical Cased A/C Evaporator Coil	688.80	116.12
23 81 26 13-0068	EA		2 Ton Vertical Cased A/C Evaporator Coil	718.99	124.83
23 81 26 13-0069	EA		2-1/2 Ton Vertical Cased A/C Evaporator Coil	853.28	133.53
23 81 26 13-0070	EA		3 Ton Vertical Cased A/C Evaporator Coil	971.17	142.25
23 81 26 13-0071	EA		3-1/2 Ton Vertical Cased A/C Evaporator Coil	1,121.57	148.05
23 81 26 13-0072	EA		4 Ton Vertical Cased A/C Evaporator Coil	1,250.06	153.86
23 81 26 13-0073	EA		4-1/2 Ton Vertical Cased A/C Evaporator Coil	1,342.69	165.47
23 81 26 13-0074	EA		5 Ton Vertical Cased A/C Evaporator Coil	1,352.82	174.18
23 81 26 13-0075			"A" Style Horizontal Cased A/C Evaporator Coils (23 81 26 13-0065)		
23 81 26 13-0076	EA		2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	840.71	119.02
23 81 26 13-0077	EA		2-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	965.40	125.70
23 81 26 13-0078	EA		3 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,104.16	133.53
23 81 26 13-0079	EA		3-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,144.18	138.36
23 81 26 13-0080	EA		4 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,197.95	145.15
23 81 26 13-0081	EA		4-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,213.20	152.69
23 81 26 13-0082	EA		5 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,228.14	160.24
23 81 26 13-0083			Slab Style Horizontal Cased A/C Evaporator Coils (23 81 26 13-0065)		
23 81 26 13-0084	EA		2 Ton Slab Style Horizontal Cased A/C Evaporator Coil	736.61	119.02
23 81 26 13-0085	EA		3 Ton Slab Style Horizontal Cased A/C Evaporator Coil	883.18	133.53
23 81 26 13-0086	EA		4 Ton Slab Style Horizontal Cased A/C Evaporator Coil	1,018.98	145.15
23 81 26 13-0087	EA		5 Ton Slab Style Horizontal Cased A/C Evaporator Coil	1,226.32	160.24
23 81 26 16			Large-Capacity Split-System Air-Conditioners (23 81 26)		
23 81 26 16-0001			Split System Air Conditioners, Variable Refrigerant Flow (Mitsubishi City Multi) (23 81 26 16)		
23 81 26 16-0002			Outdoor Units (23 81 26 16-0001)		
23 81 26 16-0003	EA		6 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P72YKMU-A)	16,342.62	576.10
23 81 26 16-0004	EA		8 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P96YKMU-A)	17,715.42	685.83
23 81 26 16-0005	EA		10 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P120YKMU-A)	19,941.53	823.00
23 81 26 16-0006	EA		12 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P144YKMU-A)	24,560.43	850.43
23 81 26 16-0007	EA		12 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P144YSKMU-A)	32,688.59	877.86
23 81 26 16-0008	EA		14 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P168YSKMU-A)	33,896.79	905.29
23 81 26 16-0009	EA		16 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P192YSKMU-A)	35,104.98	932.73
23 81 26 16-0010	EA		18 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P216YSKMU-A)	37,166.51	987.59
23 81 26 16-0011	EA		20 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P240YSKMU-A)	39,228.03	1,042.46
23 81 26 16-0012	EA		22 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P264YSKMU-A)	43,901.80	1,097.33
23 81 26 16-0013	EA		24 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P288YSKMU-A)	48,575.55	1,152.19
23 81 26 16-0014			Indoor Units (23 81 26 16-0001)		
23 81 26 16-0015	EA		6 MBH Cooling, 6.7 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P06NBMU-E2)	1,687.39	178.32
23 81 26 16-0016	EA		8 MBH Cooling, 9 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P08NHMU-E2)	1,773.97	192.04
23 81 26 16-0017	EA		12 MBH Cooling, 13.5 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P12NHMU-E2)	1,850.69	205.75
23 81 26 16-0018	EA		15 MBH Cooling, 17 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P15NHMU-E2)	1,942.21	219.47
23 81 26 16-0019	EA		18 MBH Cooling, 20 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P18NHMU-E2)	2,103.36	260.62
23 81 26 16-0020	EA		24 MBH Cooling, 27 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P24NKMU-E2)	2,348.14	315.48
23 81 26 16-0021	EA		30 MBH Cooling, 34 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P30NKMU-E2)	2,543.97	342.91
23 81 26 16-0022	EA		6 MBH Cooling, 6.7 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P06NMAU-E3)	2,447.58	196.15
23 81 26 16-0023	EA		8 MBH Cooling, 9 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P08NMAU-E3)	2,531.98	211.24
23 81 26 16-0024	EA		12 MBH Cooling, 13.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P12NMAU-E3)	2,670.59	226.33
23 81 26 16-0025	EA		15 MBH Cooling, 17 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P15NMAU-E3)	2,897.92	241.41
23 81 26 16-0026	EA		18 MBH Cooling, 20 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P18NMAU-E3)	3,057.44	286.68
23 81 26 16-0027	EA		24 MBH Cooling, 27 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P24NMAU-E3)	3,355.59	347.03
23 81 26 16-0028	EA		27 MBH Cooling, 30 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P27NMAU-E3)	3,528.70	362.12
23 81 26 16-0029	EA		30 MBH Cooling, 34 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P30NMAU-E3)	3,721.53	377.20
23 81 26 16-0030	EA		36 MBH Cooling, 40 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P36NMAU-E3)	4,127.19	414.93
23 81 26 16-0031	EA		48 MBH Cooling, 54 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P48NMAU-E3)	4,574.91	456.42
23 81 26 16-0032	EA		54 MBH Cooling, 60 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P54NMAU-E3)	4,952.06	502.06
23 81 26 16-0033	EA		72 MBH Cooling, 80 MBH Heating Ceiling Concealed High Static Ducted Indoor Unit (Mitsubishi PEFY-P72NMHSU-E)	6,279.73	552.27
23 81 26 16-0034	EA		96 MBH Cooling, 108 MBH Heating Ceiling Concealed High Static Ducted Indoor Unit (Mitsubishi PEFY-P96NMHSU-E)	7,129.50	607.49
23 81 26 16-0035	EA		12 MBH Cooling, 13.5 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP12NEMU-E)	2,781.98	226.33
23 81 26 16-0036	EA		15 MBH Cooling, 17 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP15NEMU-E)	2,933.41	241.41
23 81 26 16-0037	EA		18 MBH Cooling, 20 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP18NEMU-E)	3,095.89	286.68
23 81 26 16-0038	EA		24 MBH Cooling, 27 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP24NEMU-E)	3,469.94	347.03
23 81 26 16-0039	EA		30 MBH Cooling, 34 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP30NEMU-E)	3,738.29	377.20
23 81 26 16-0040	EA		36 MBH Cooling, 40 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP36NEMU-E)	4,575.70	414.93

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 81 Decentralized Unitary HVAC Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 81 26 16-0041	EA	6 MBH Cooling, 6.7 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P06NBMU-ER5).....	2,501.80	196.15
23 81 26 16-0042	EA	8 MBH Cooling, 9 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P08NBMU-ER5).....	2,630.55	211.24
23 81 26 16-0043	EA	12 MBH Cooling, 13.5 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P12NBMU-ER5).....	2,828.31	226.33
23 81 26 16-0044	EA	15 MBH Cooling, 17 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P15NBMU-ER5).....	2,976.78	241.41
23 81 26 16-0045	EA	8 MBH Cooling, 9 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P08NCMU-ER4).....	2,315.11	211.24
23 81 26 16-0046	EA	12 MBH Cooling, 13.5 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P12NCMU-ER4).....	2,434.01	226.33
23 81 26 16-0047	EA	15 MBH Cooling, 17 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P15NCMU-ER4).....	2,557.84	241.41

23 81 26 16-0048 Controllers For Outdoor Units (23 81 26 16-0001)

23 81 26 16-0049	EA	8 Branch (Main BC) (Mitsubishi CMB-P108NU-HA1).....	8,855.95	164.60
23 81 26 16-0050	EA	10 Branch (Main BC) (Mitsubishi CMB-P1010NU-HA1).....	10,241.57	192.04
23 81 26 16-0051	EA	13 Branch (Main BC) (Mitsubishi CMB-P1013NU-GA).....	11,316.70	219.47
23 81 26 16-0052	EA	16 Branch (Main BC) (Mitsubishi CMB-P1016NU-HA).....	13,431.79	246.90
23 81 26 16-0053	EA	4 Branch (Sub BC) (Mitsubishi CMB-P104NU-GB).....	4,936.29	109.73
23 81 26 16-0054	EA	8 Branch (Sub BC) (Mitsubishi CMB-P108NU-GB).....	7,604.04	164.60
23 81 26 16-0055	EA	16 Branch (Sub BC) (Mitsubishi CMB-P1016NU-HB).....	11,622.93	246.90

23 81 26 16-0056 Energy Recovery Units (23 81 26 16-0001)

23 81 26 16-0057	EA	36.2 MBH Cooling, 39.9 MBH Heating Hydronic Heat Exchanger Auxiliary Unit (Mitsubishi PWFY-P36NMU-E2-AU).....	6,263.42	164.60
23 81 26 16-0058	EA	39.9 MBH Hydronic Heat Exchanger Booster Unit (Mitsubishi PWFY-P36NMU-E-BU).....	11,862.49	164.60
23 81 26 16-0059	EA	112 MBH Cooling, 61.4 MBH Heating Reheat Unit (Mitsubishi PEFY-AF1200CFMR).....	12,030.71	192.04
23 81 26 16-0060	EA	Lossnay Energy Recovery Ventilator ERV, 300 CFM (Mitsubishi LGH-F300RX5-E).....	2,492.27	137.16
23 81 26 16-0061	EA	Lossnay Energy Recovery Ventilator ERV, 470 CFM (Mitsubishi LGH-F470RX5-E).....	3,178.49	142.65
23 81 26 16-0062	EA	Lossnay Energy Recovery Ventilator ERV, 600 CFM (Mitsubishi LGH-F600RX5-E).....	3,790.77	148.14
23 81 26 16-0063	EA	Lossnay Energy Recovery Ventilator ERV, 1,200 CFM (Mitsubishi LGH-F1200RX5-E1).....	6,918.95	164.60

23 81 26 16-0064 Piping Specialties (23 81 26 16-0001)

23 81 26 16-0065	EA	Maintenance Tool Interface (Mitsubishi CMS-MNG-E).....	877.32	
23 81 26 16-0066	EA	Branch Joint (Mitsubishi CMY-Y102SS-G2).....	234.91	44.11
23 81 26 16-0067	EA	Branch Joint (Mitsubishi CMY-Y102LS-G2).....	234.91	44.11
23 81 26 16-0068	EA	Branch Joint (Mitsubishi CMY-Y202S-G2).....	260.43	46.43
23 81 26 16-0069	EA	Branch Joint (Mitsubishi CMY-Y302S-G2).....	326.25	52.24
23 81 26 16-0070	EA	Header - 4 Branch (Mitsubishi CMY-Y64-G-E).....	426.90	75.44
23 81 26 16-0071	EA	Header - 8 Branch (Mitsubishi CMY-Y68-G-E).....	725.66	150.89
23 81 26 16-0072	EA	Refrigeration Ball Valve-Flare/Schrader/Insulated - 3/8" (Mitsubishi BV38FFSI).....	130.79	18.57
23 81 26 16-0073	EA	Refrigeration Ball Valve-Flare/Schrader/Insulated - 5/8" (Mitsubishi BV58FFSI).....	147.67	25.53

23 81 26 16-0074 Split System Air Conditioners (Daikin VRV) (23 81 26 16)**23 81 26 16-0075 Heat Pump Outdoor Units** (23 81 26 16-0074)

23 81 26 16-0076	EA	6 Ton Heat Pump Outdoor Unit (Daikin RXYQ72PBTJ).....	24,469.96	576.10
23 81 26 16-0077	EA	8 Ton Heat Pump Outdoor Unit (Daikin RXYQ96PBTJ).....	27,348.47	685.83
23 81 26 16-0078	EA	10 Ton Heat Pump Outdoor Unit (Daikin RXYQ120PBTJ).....	30,486.39	823.00
23 81 26 16-0079	EA	12 Ton Heat Pump Outdoor Unit (Daikin RXYQ144PBTJ).....	38,109.31	850.43
23 81 26 16-0080	EA	14 Ton Heat Pump Outdoor Unit (Daikin RXYQ168PBTJ).....	51,105.17	905.29
23 81 26 16-0081	EA	16 Ton Heat Pump Outdoor Unit (Daikin RXYQ192PBTJ).....	54,023.62	932.73
23 81 26 16-0082	EA	18 Ton Heat Pump Outdoor Unit (Daikin RXYQ216PBTJ).....	56,792.40	987.59
23 81 26 16-0083	EA	20 Ton Heat Pump Outdoor Unit (Daikin RXYQ240PBTJ).....	59,765.72	1,042.46
23 81 26 16-0084	EA	22 Ton Heat Pump Outdoor Unit (Daikin RXYQ264PBTJ).....	77,466.06	1,097.33
23 81 26 16-0085	EA	24 Ton Heat Pump Outdoor Unit (Daikin RXYQ288PBTJ).....	80,439.37	1,152.19
23 81 26 16-0086	EA	26 Ton Heat Pump Outdoor Unit (Daikin RXYQ312PBTJ).....	83,412.69	1,207.06
23 81 26 16-0087	EA	28 Ton Heat Pump Outdoor Unit (Daikin RXYQ336PBTJ).....	86,181.46	1,261.92
23 81 26 16-0088	EA	30 Ton Heat Pump Outdoor Unit (Daikin RXYQ360PBTJ).....	89,154.78	1,316.80

23 81 26 16-0089 Heat Recovery Heat Pump Outdoor Units (23 81 26 16-0074)

23 81 26 16-0090	EA	6 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ72PBTJ).....	31,335.87	748.93
23 81 26 16-0091	EA	8 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ96PBTJ).....	34,166.37	891.58
23 81 26 16-0092	EA	10 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ120PBTJ).....	37,525.52	1,069.90
23 81 26 16-0093	EA	12 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ144PBTJ).....	47,210.32	1,105.56
23 81 26 16-0094	EA	14 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ168PBTJ).....	63,920.85	1,176.88
23 81 26 16-0095	EA	16 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ192PBTJ).....	68,901.19	1,212.54
23 81 26 16-0096	EA	18 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ216PBTJ).....	71,498.35	1,283.87
23 81 26 16-0097	EA	20 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ240PBTJ).....	74,095.49	1,355.20
23 81 26 16-0098	EA	22 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ264PBTJ).....	97,658.19	1,426.53
23 81 26 16-0099	EA	24 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ288PBTJ).....	100,255.34	1,497.85
23 81 26 16-0100	EA	26 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ312PBTJ).....	105,307.01	1,569.17
23 81 26 16-0101	EA	28 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ336PBTJ).....	107,904.15	1,640.51

23 81 26 16-0102 Indoor Units (23 81 26 16-0074)

23 81 26 16-0103	EA	7.5 MBH Cooling, 8.5 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ07PVJU).....	2,776.81	192.04
23 81 26 16-0104	EA	9.5 MBH Cooling, 10.5 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ09PVJU).....	2,901.63	197.52
23 81 26 16-0105	EA	12 MBH Cooling, 13.5 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ12PVJU).....	3,286.65	205.75
23 81 26 16-0106	EA	18 MBH Cooling, 20 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ18PVJU).....	3,678.12	260.62



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 81 26 16-0107	EA		24 MBH Cooling, 26.5 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ24PVJU).....	4,030.99	315.48
23 81 26 16-0108	EA		7.5 MBH Cooling, 8.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ07PVJU).....	4,081.07	211.24
23 81 26 16-0109	EA		9.5 MBH Cooling, 10.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ09PVJU).....	4,218.56	217.27
23 81 26 16-0110	EA		12 MBH Cooling, 13.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ12PVJU).....	4,431.57	120.70
23 81 26 16-0111	EA		18 MBH Cooling, 20 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ18PVJU).....	4,696.99	286.68
23 81 26 16-0112	EA		24 MBH Cooling, 27 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ24PVJU).....	5,564.47	347.03
23 81 26 16-0113	EA		30 MBH Cooling, 34 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ30PVJU).....	6,367.74	377.20
23 81 26 16-0114	EA		36 MBH Cooling, 40 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ36PVJU).....	6,802.09	414.93
23 81 26 16-0115	EA		48 MBH Cooling, 54 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ48PVJU).....	7,029.80	456.42
23 81 26 16-0116	EA		7.5 MBH Cooling, 8.7 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin FXZQ07M7VJU).....	4,571.20	211.24
23 81 26 16-0117	EA		9.5 MBH Cooling, 11.1 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin FXZQ09M7VJU).....	4,679.75	217.27
23 81 26 16-0118	EA		12 MBH Cooling, 14 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin FXZQ12M7VJU).....	4,977.66	226.33
23 81 26 16-0119	EA		18 MBH Cooling, 21 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin FXZQ18M7VJU).....	5,300.97	286.68

23 81 26 16-0120 Branch Selector Boxes (23 81 26 16-0074)

23 81 26 16-0121	EA		144 MBH, 4 Branch, Multi Port Branch Selector Box (Daikin BSV4Q36PVJU).....	13,993.56	246.90
23 81 26 16-0122	EA		216 MBH, 6 Branch, Multi Port Branch Selector Box (Daikin BSV6Q36PVJU).....	20,740.39	329.20
23 81 26 16-0123	EA		36 MBH, 4 Branch, Single Port Branch Selector Box (Daikin BSVQ36PVJU).....	2,747.30	109.73
23 81 26 16-0124	EA		60 MBH, 8 Branch, Single Port Branch Selector Box (Daikin BSVQ60PVJU).....	3,700.28	164.60
23 81 26 16-0125	EA		96 MBH, 8 Branch, Single Port Branch Selector Box (Daikin BSVQ96PVJU).....	4,584.64	246.90

23 81 26 16-0126 Controllers (23 81 26 16-0074)

23 81 26 16-0127	EA		Up To 16 Units, Navigation Controller (Daikin BRC1E71).....	846.60	21.95
23 81 26 16-0128	EA		Individual Zone Controller (Daikin BRC2A71).....	607.33	21.95
23 81 26 16-0129	EA		Up To 16 Groups, Unified ON/OFF Controller (Daikin DCS301C71).....	1,192.01	21.95
23 81 26 16-0130	EA		Up To 64 Units, Multizone Controller (Daikin DCS302C71).....	1,676.35	21.95
23 81 26 16-0131	EA		I-Touch Manager Replaced Both Daikin IMP-128 thru 1024 and DCS601C71 (Daikin DCM601A71).....	15,562.17	263.36
23 81 26 16-0132	EA		I-Touch Manager D3net Plus Adapter (Daikin DCM601A72).....	2,920.97	21.95
23 81 26 16-0133	EA		24 Volt AC, Wired Thermostat For Split A/C Systems (Daikin DACA-TS-1).....	637.40	38.72

23 81 26 16-0134 Energy Recovery Units (23 81 26 16-0074)

23 81 26 16-0135	EA		300 CFM Energy Recovery Unit (Daikin VAM300GVJU).....	4,826.35	137.16
23 81 26 16-0136	EA		470 CFM Energy Recovery Unit (Daikin VAM470GVJU).....	6,269.12	142.65
23 81 26 16-0137	EA		600 CFM Energy Recovery Unit (Daikin VAM600GVJU).....	7,507.34	148.14
23 81 26 16-0138	EA		1,200 CFM Energy Recovery Unit (Daikin VAM1200GVJU).....	14,033.50	164.60

23 81 43 Air-Source Unitary Heat Pumps (23 81)

23 81 43 00-0001 Single Package Thru-Wall Heat Pumps (23 81 43)

Note: Air-to-air type with electric heat. Includes throwaway filters. Through the wall units are wired for 230/208 Volt, 1 phase, 60 HZ. With electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls all mounted in a steel cabinet, wall sleeve and outdoor grille. Excludes crane and associated personnel. See CSI section 01 22 23 00-0801 for crane lifting equipment.

23 81 43 00-0002	EA		1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	2,073.01	178.36
			For Unit Economizer, Add	276.43	
			For >35 To 70, Deduct	-51.85	
			For >70 To 100, Deduct	-86.41	
			For >100, Deduct	-120.97	
			For Low Ambient Protection, 0 Degree F, Add	241.75	
23 81 43 00-0003	EA		1 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	2,288.80	190.26
			For Unit Economizer, Add	305.69	
			For >35 To 70, Deduct	-57.61	
			For >70 To 100, Deduct	-96.01	
			For >100, Deduct	-134.41	
			For Low Ambient Protection, 0 Degree F, Add	264.97	
23 81 43 00-0004	EA		1-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	3,901.76	190.26
			For Unit Economizer, Add	531.50	
			For >35 To 70, Deduct	-105.99	
			For >70 To 100, Deduct	-176.66	
			For >100, Deduct	-247.32	
			For Low Ambient Protection, 0 Degree F, Add	410.14	
23 81 43 00-0005	EA		2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	4,271.17	190.26
			For Unit Economizer, Add	582.27	
			For >35 To 70, Deduct	-116.36	
			For >70 To 100, Deduct	-193.94	
			For >100, Deduct	-271.51	
			For Low Ambient Protection, 0 Degree F, Add	214.46	
23 81 43 00-0006	EA		2-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	4,832.61	202.15
			For Unit Economizer, Add	659.92	
			For >35 To 70, Deduct	-132.49	
			For >70 To 100, Deduct	-220.82	
			For >100, Deduct	-309.15	
			For Low Ambient Protection, 0 Degree F, Add	236.54	
23 81 43 00-0007	EA		3 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	5,063.04	214.04
			For Unit Economizer, Add	692.18	
			For >35 To 70, Deduct	-139.41	
			For >70 To 100, Deduct	-232.34	
			For >100, Deduct	-325.28	
			For Low Ambient Protection, 0 Degree F, Add	708.14	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 80 Decentralized Unitary HVAC Equipment

23 81 Decentralized Unitary HVAC Equipment



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 43 00-0008	EA		3-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	5,701.28	214.04
			<i>For Unit Economizer, Add</i>	780.58	
			<i>For >35 To 70, Deduct</i>	-157.84	
			<i>For >70 To 100, Deduct</i>	-263.07	
			<i>For >100, Deduct</i>	-368.29	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	793.96	
23 81 43 00-0009	EA		4 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	6,289.22	225.93
			<i>For Unit Economizer, Add</i>	862.42	
			<i>For >35 To 70, Deduct</i>	-175.12	
			<i>For >70 To 100, Deduct</i>	-291.87	
			<i>For >100, Deduct</i>	-408.62	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	871.82	
23 81 43 00-0010	EA		5 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	7,243.85	261.60
			<i>For Unit Economizer, Add</i>	993.21	
			<i>For >35 To 70, Deduct</i>	-201.62	
			<i>For >70 To 100, Deduct</i>	-336.03	
			<i>For >100, Deduct</i>	-470.45	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	1,004.48	
23 81 43 00-0011	EA		7-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	13,265.05	309.16
			<i>For Unit Economizer, Add</i>	1,831.90	
			<i>For >35 To 70, Deduct</i>	-379.04	
			<i>For >70 To 100, Deduct</i>	-631.74	
			<i>For >100, Deduct</i>	-884.44	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	1,800.08	
23 81 43 00-0012	EA		10 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	17,079.87	392.40
			<i>For Unit Economizer, Add</i>	2,359.31	
			<i>For >35 To 70, Deduct</i>	-488.50	
			<i>For >70 To 100, Deduct</i>	-814.16	
			<i>For >100, Deduct</i>	-1,139.82	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	362.01	
23 81 43 00-0013	EA		12-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	20,849.86	439.97
			<i>For Unit Economizer, Add</i>	2,883.78	
			<i>For >35 To 70, Deduct</i>	-599.10	
			<i>For >70 To 100, Deduct</i>	-998.50	
			<i>For >100, Deduct</i>	-1,397.89	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	419.68	
23 81 43 00-0014	EA		15 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	25,718.94	499.42
			<i>For Unit Economizer, Add</i>	3,561.17	
			<i>For >35 To 70, Deduct</i>	-741.96	
			<i>For >70 To 100, Deduct</i>	-1,236.60	
			<i>For >100, Deduct</i>	-1,731.24	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	494.06	
23 81 43 00-0015	EA		20 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	34,250.99	535.10
			<i>For Unit Economizer, Add</i>	4,752.33	
			<i>For >35 To 70, Deduct</i>	-995.42	
			<i>For >70 To 100, Deduct</i>	-1,659.04	
			<i>For >100, Deduct</i>	-2,322.66	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	599.36	
23 81 43 00-0016	EA		25 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	41,258.78	582.66
			<i>For Unit Economizer, Add</i>	5,729.62	
			<i>For >35 To 70, Deduct</i>	-1,202.80	
			<i>For >70 To 100, Deduct</i>	-2,004.67	
			<i>For >100, Deduct</i>	-2,806.54	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	692.26	
23 81 43 00-0017 Single Package Vertical Wall Heat Pumps (23 81 43)					
Note: Air-to-air type with electric heat. Includes throwaway filters. Wall units are wired for 230/208 Volt, 1 phase, 60 HZ. With solid state electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls, insulated steel cabinet, with wall sleeve and outdoor grille and stainless steel drain pan. Excludes crane and associated personnel. See CSI section 01 22 23 00-0801 for crane lifting equipment.					
23 81 43 00-0018	EA		1/2 Ton Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	3,184.31	237.82
23 81 43 00-0019	EA		1 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat.....	3,861.17	261.60
23 81 43 00-0020	EA		1-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	4,987.94	273.50
23 81 43 00-0021	EA		2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat.....	5,717.60	297.28
23 81 43 00-0022	EA		2-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	7,147.92	344.84
23 81 43 00-0023	EA		3 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat.....	7,637.51	392.40
23 81 43 00-0024	EA		3-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	8,296.03	439.97
23 81 43 00-0025	EA		4 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat.....	9,334.49	487.54
23 81 43 00-0026	EA		5 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat.....	10,526.14	582.66
23 81 43 00-0027 Heat Pump, Room Air-Conditioners (23 81 43)					
Note: Includes throwaway filters and supplemental heat.					
23 81 43 00-0028 Heat Pump, Window Unit, Room Air-Conditioners (23 81 43 00-0027)					
23 81 43 00-0029 Heat Pump, Window Unit, Room Air-Conditioners (Friedrich) (23 81 43 00-0028)					
23 81 43 00-0030	EA		10,000 BTU, 10.9 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YS10N10C)	2,401.45	115.22
			<i>For >10 To 50, Deduct</i>	-108.55	
			<i>For >50 To 75, Deduct</i>	-151.97	
			<i>For >75 To 100, Deduct</i>	-217.10	
			<i>For >100, Deduct</i>	-260.52	
23 81 43 00-0031	EA		12,000 BTU, 10.9 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YS12N33C)	2,714.33	115.22
			<i>For >10 To 50, Deduct</i>	-124.19	
			<i>For >50 To 75, Deduct</i>	-173.87	
			<i>For >75 To 100, Deduct</i>	-248.39	
			<i>For >100, Deduct</i>	-298.07	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 43 00-0032	EA		17,500 BTU, 10.9 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich KHM18A34A).....	3,183.64	115.22
			For >10 To 50, Deduct	-147.66	
			For >50 To 75, Deduct	-206.72	
			For >75 To 100, Deduct	-295.32	
			For >100, Deduct	-354.38	
23 81 43 00-0033	EA		24,000 BTU, 10.3 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YL24N35D).....	3,705.10	115.22
			For >10 To 50, Deduct	-173.73	
			For >50 To 75, Deduct	-243.23	
			For >75 To 100, Deduct	-347.47	
			For >100, Deduct	-416.96	
23 81 43 00-0034			Heat Pump, Through-The-Wall, Room Air-Conditioners (23 81 43 00-0027)		
			Note: Base unit excludes wall sleeve.		
23 81 43 00-0035			Heat Pump, Through-The-Wall, Room Air-Conditioners (Friedrich) (23 81 43 00-0034)		
23 81 43 00-0036	EA		9,300 BTU, 9.8 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich WY09C33D).....	2,422.52	82.30
			For >10 To 50, Deduct	-112.90	
			For >50 To 75, Deduct	-158.05	
			For >75 To 100, Deduct	-225.79	
			For >100, Deduct	-270.95	
			For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	278.61	
23 81 43 00-0037	EA		11,300 BTU, 9.3 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich WY12D33A).....	2,422.52	82.30
			For >10 To 50, Deduct	-112.90	
			For >50 To 75, Deduct	-158.05	
			For >75 To 100, Deduct	-225.79	
			For >100, Deduct	-270.95	
			For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	278.61	
23 81 49			Split System Heat Pumps (23 81)		
23 81 49 00-0001			Air Cooled, Outdoor Section (23 81 49)		
			Note: Includes 20' length of piping (liquid line and insulated suction line). Excludes additional piping.		
23 81 49 00-0002	EA		1.5 Ton, 14 SEER, Outdoor Heat Pump Unit.....	4,194.36	353.16
			Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
			For Low Ambient Protection, 0 Degree F, Add	755.85	
			For Winterstart Control, Add	199.88	
			For 15 SEER, Add	658.67	
			For 16 SEER, Add	1,061.19	
			For 18 SEER, Add	1,610.07	
23 81 49 00-0003	EA		2 Ton, 14 SEER, Outdoor Heat Pump Unit.....	4,325.13	392.40
			Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
			For Low Ambient Protection, 0 Degree F, Add	782.84	
			For Winterstart Control, Add	208.68	
			For 15 SEER, Add	671.50	
			For 16 SEER, Add	1,081.87	
			For 18 SEER, Add	1,641.46	
23 81 49 00-0004	EA		2.5 Ton, 14 SEER, Outdoor Heat Pump Unit.....	4,725.20	455.42
			Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
			For Low Ambient Protection, 0 Degree F, Add	858.46	
			For Winterstart Control, Add	230.39	
			For 15 SEER, Add	726.39	
			For 16 SEER, Add	1,170.30	
			For 18 SEER, Add	1,775.63	
23 81 49 00-0005	EA		3 Ton, 14 SEER, Outdoor Heat Pump Unit.....	5,157.83	523.20
			Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
			For Low Ambient Protection, 0 Degree F, Add	722.00	
			For Winterstart Control, Add	253.88	
			For 15 SEER, Add	785.71	
			For 16 SEER, Add	1,265.87	
			For 18 SEER, Add	1,920.63	
23 81 49 00-0006	EA		3.5 Ton, 14 SEER, Outdoor Heat Pump Unit.....	5,321.05	543.43
			Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
			For Low Ambient Protection, 0 Degree F, Add	745.54	
			For Winterstart Control, Add	262.23	
			For 15 SEER, Add	809.61	
			For 16 SEER, Add	1,304.38	
			For 18 SEER, Add	1,979.05	
23 81 49 00-0007	EA		4 Ton, 14 SEER, Outdoor Heat Pump Unit.....	5,911.03	624.28
			Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
			For Low Ambient Protection, 0 Degree F, Add	825.26	
			For Winterstart Control, Add	289.95	
			For 15 SEER, Add	903.46	
			For 16 SEER, Add	1,455.57	
			For 18 SEER, Add	2,208.45	
23 81 49 00-0008	EA		5 Ton, 14 SEER, Outdoor Heat Pump Unit.....	6,730.59	686.70
			Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
			For Low Ambient Protection, 0 Degree F, Add	532.73	
			For Winterstart Control, Add	155.60	
			For 15 SEER, Add	1,034.92	
			For 16 SEER, Add	1,667.38	
			For 18 SEER, Add	2,529.82	
23 81 49 00-0009	EA		7.5 Ton, 11.5 EER, Outdoor Heat Pump Unit.....	7,040.67	768.13
			Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
			For Low Ambient Protection, 0 Degree F, Add	571.50	
			For Winterstart Control, Add	169.17	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 81 Decentralized Unitary HVAC Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 81 49 00-0010	EA	10 Ton, 11.1 EER, Outdoor Heat Pump Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping. <i>For Low Ambient Protection, 0 Degree F, Add</i> <i>For Winterstart Control, Add</i>	9,732.65 410.33 216.03	921.75
23 81 49 00-0011	EA	15 Ton, 10.9 EER, Outdoor Heat Pump Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping. <i>For Low Ambient Protection, 0 Degree F, Add</i> <i>For Winterstart Control, Add</i>	12,794.86 463.75 265.88	1,075.38
23 81 49 00-0012	EA	20 Ton, 10.3 EER, Outdoor Heat Pump Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping. <i>For Low Ambient Protection, 0 Degree F, Add</i> <i>For Winterstart Control, Add</i>	22,954.01 492.02 377.65	1,152.19
23 81 49 00-0013		Indoor Section, Horizontal Upflow <small>(23 81 49)</small> Note: Electric heat. Includes throwaway filters.		
23 81 49 00-0014	EA	2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat <i>For Additional 5 KW Electric Heat, Add</i>	1,219.50 110.15	117.41
23 81 49 00-0015	EA	2-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat <i>For Additional 5 KW Electric Heat, Add</i>	1,345.64 119.93	146.27
23 81 49 00-0016	EA	3 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat <i>For Additional 5 KW Electric Heat, Add</i>	1,406.99 123.00	176.67
23 81 49 00-0017	EA	3-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat <i>For Additional 5 KW Electric Heat, Add</i>	1,893.80 168.68	206.85
23 81 49 00-0018	EA	4 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat <i>For Additional 5 KW Electric Heat, Add</i>	1,946.67 171.32	233.18
23 81 49 00-0019	EA	5 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat <i>For Additional 5 KW Electric Heat, Add</i>	2,160.03 189.24	267.75
23 81 49 00-0020	EA	7-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat <i>For Additional 5 KW Electric Heat, Add</i>	4,598.23 415.93	438.94
23 81 49 00-0021	EA	10 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15 kW Electric Heat <i>For Additional 5 KW Electric Heat, Add</i>	6,766.64 627.29	493.80
23 81 49 00-0022	EA	15 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15KW Electric Heat <i>For Additional 5 KW Electric Heat, Add</i>	9,480.99 893.23	548.66
23 81 49 00-0023	EA	20 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15 KW Electric Heat <i>For Additional 5 KW Electric Heat, Add</i>	10,778.69 1,012.02	658.39
23 81 49 00-0024		Ductless Split System Heat Pumps <small>(23 81 49)</small> Note: Excludes refrigerant piping, electrical, and pad. Sanyo units or equal. See CSI section 23 81 26 13-0030 for accessories.		
23 81 49 00-0025		Wall Mounted Ductless Split System Heat Pumps <small>(23 81 49 00-0024)</small>		
23 81 49 00-0026	EA	9,000 BTU Cooling, 12,200 BTU Heating, 16 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,353.03	362.12
23 81 49 00-0027	EA	11,900 BTU Cooling, 13,300 BTU Heating, 17 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,599.61	395.03
23 81 49 00-0028	EA	17,500 BTU Cooling, 20,400 BTU Heating, 20 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,169.88	438.94
23 81 49 00-0029	EA	24,200 BTU Cooling, 29,000 BTU Heating, 17 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,647.68	482.83
23 81 49 00-0030	EA	25,200 BTU Cooling, 29,200 BTU Heating, 14.9 SEER, Wall Mounted Ductless Split System Heat Pumps..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,164.16	526.72
23 81 49 00-0031	EA	29,800 BTU Cooling, 34,800 BTU Heating, 15 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,979.41	548.66
23 81 49 00-0032	EA	31,400 BTU Cooling, 36,400 BTU Heating, 15.9 SEER, Wall Mounted Ductless Split System Heat Pumps..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,558.15	584.87
23 81 49 00-0033		Dual and Tri Zone Wall Mounted Ductless Split System Heat Pumps <small>(23 81 49 00-0024)</small> Note: Use this section only when matching indoor and outdoor capacity units are not used.		
23 81 49 00-0034	EA	7,500 BTU Cooling, 8,500 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps..... Note: Includes indoor unit and wireless thermostat.	976.96	175.58
23 81 49 00-0035	EA	9,000 BTU Cooling, 12,200 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps..... Note: Includes indoor unit and wireless thermostat.	1,031.33	186.55
23 81 49 00-0036	EA	11,900 BTU Cooling, 14,300 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps..... Note: Includes indoor unit and wireless thermostat.	1,086.59	197.52
23 81 49 00-0037	EA	17,500 BTU Cooling, 20,400 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps..... Note: Includes indoor unit and wireless thermostat.	1,236.13	208.49
23 81 49 00-0038	EA	24,200 BTU Cooling, 29,000 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps..... Note: Includes indoor unit and wireless thermostat.	1,317.42	219.47
23 81 49 00-0039	EA	19,700 BTU Cooling, 24,800 BTU Heating, 16.4 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes outdoor unit and refrigerant charge.	2,919.18	263.36
23 81 49 00-0040	EA	23,200 BTU Cooling, 29,200 BTU Heating, 16.5 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes outdoor unit and refrigerant charge.	3,458.82	285.31
23 81 49 00-0041	EA	30,600 BTU Cooling, 32,000 BTU Heating, 17.2 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes outdoor unit and refrigerant charge.	5,602.71	307.25
23 81 49 00-0042		Suspended Ceiling Mounted Ductless Split System Heat Pumps <small>(23 81 49 00-0024)</small> Note: Excludes hangers.		
23 81 49 00-0043	EA	24,400 BTU Cooling, 30,800 BTU Heating, 14.5 SEER, Ceiling Suspended Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,517.87	526.72
23 81 49 00-0044	EA	31,200 BTU Cooling, 37,400 BTU Heating, 15.1 SEER, Ceiling Suspended Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,697.66	628.77



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 81 49 00-0045	EA		39,000 BTU Cooling, 44,500 BTU Heating, 15.6 SEER, Ceiling Suspended Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	8,077.93	658.39
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23 81 49 00-0046 Recessed Ceiling Mounted Ductless Split System Heat Pumps (23 81 49 00-0024)
Note: Excludes hangers.

23 81 49 00-0047	EA		11,900 BTU Cooling, 13,600 BTU Heating, 16 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,662.74	438.94
23 81 49 00-0048	EA		17,500 BTU Cooling, 20,400 BTU Heating, 16 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,153.10	482.83
23 81 49 00-0049	EA		24,800 BTU Cooling, 29,800 BTU Heating, 14.1 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,492.94	570.61
23 81 49 00-0050	EA		32,600 BTU Cooling, 37,600 BTU Heating, 14.6 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,338.57	628.77
23 81 49 00-0051	EA		39,500 BTU Cooling, 48,000 BTU Heating, 14.6 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	7,898.39	658.39

23 82 Convection Heating and Cooling Units (23 80)

23 82 16 Air Coils (23 82)

23 82 16 11 Hydronic Air Coils (23 82 16)

23 82 16 11-0001 Chilled Water Cooling Coils (23 82 16 11)
Note: Flanged construction, 16 gauge galvanized steel casing.

23 82 16 11-0002 2 Row Chilled Water Cooling Coils (23 82 16 11-0001)

23 82 16 11-0003	EA		12" x 12" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted Mounted	1,821.34	58.06
23 82 16 11-0004	EA		12" x 24" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted Mounted	3,028.79	78.96
23 82 16 11-0005	EA		24" x 30" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted Mounted	4,071.33	124.25
23 82 16 11-0006	EA		24" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted Mounted	4,908.98	177.66
23 82 16 11-0007	EA		30" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted Mounted	5,200.91	218.31
23 82 16 11-0008	EA		30" x 60" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted Mounted	5,814.33	264.75
23 82 16 11-0009	EA		30" x 72" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted Mounted	6,222.56	306.55
23 82 16 11-0010	EA		30" x 84" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted Mounted	6,724.10	541.58
23 82 16 11-0011	EA		34" x 32" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted Mounted	4,185.73	205.88
23 82 16 11-0012	EA		34" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted Mounted	5,361.00	350.56
23 82 16 11-0013	EA		34" x 60" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted Mounted	5,994.50	435.45
23 82 16 11-0014	EA		34" x 72" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted Mounted	6,565.21	525.90
23 82 16 11-0015	EA		34" x 84" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted Mounted	7,163.86	612.41
23 82 16 11-0016	SF		>20 SF, Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted Mounted	361.20	30.87

23 82 16 11-0017 4 Row Chilled Water Cooling Coils (23 82 16 11-0001)

23 82 16 11-0018	EA		12" x 12" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted Mounted	2,258.33	120.76
23 82 16 11-0019	EA		12" x 24" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted Mounted	3,640.09	174.18
23 82 16 11-0020	EA		24" x 30" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted Mounted	4,949.48	290.30
23 82 16 11-0021	EA		24" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted Mounted	6,035.59	430.80
23 82 16 11-0022	EA		30" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted Mounted	6,970.43	528.34
23 82 16 11-0023	EA		30" x 60" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted Mounted	8,280.43	645.62
23 82 16 11-0024	EA		30" x 72" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted Mounted	9,210.60	774.51
23 82 16 11-0025	EA		30" x 84" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted Mounted	8,970.15	901.54
23 82 16 11-0026	EA		34" x 32" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted Mounted	5,684.45	389.11
23 82 16 11-0027	EA		34" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted Mounted	7,228.32	585.24
23 82 16 11-0028	EA		34" x 60" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted Mounted	8,003.66	725.74
23 82 16 11-0029	EA		34" x 72" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted Mounted	8,916.23	874.38
23 82 16 11-0030	EA		34" x 84" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted Mounted	9,765.02	1,022.19

23 82 16 11-0031 6 Row Chilled Water Cooling Coils (23 82 16 11-0001)

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 80 Decentralized Unitary HVAC Equipment

23 82 Convection Heating and Cooling Units



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 11-0032	EA		12" x 12" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,195.77	153.28
23 82 16 11-0033	EA		12" x 24" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,748.84	227.59
23 82 16 11-0034	EA		24" x 30" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	5,075.79	387.84
23 82 16 11-0035	EA		24" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	6,874.35	580.59
23 82 16 11-0036	EA		30" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	9,046.62	725.74
23 82 16 11-0037	EA		30" x 60" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	10,255.36	892.95
23 82 16 11-0038	EA		30" x 72" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	11,924.44	1,055.52
23 82 16 11-0039	EA		30" x 84" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	11,281.20	1,230.04
23 82 16 11-0040	EA		34" x 32" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	7,101.69	531.71
23 82 16 11-0041	EA		34" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	9,050.69	797.50
23 82 16 11-0042	EA		34" x 60" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	10,153.90	998.62
23 82 16 11-0043	EA		34" x 72" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	11,220.60	1,199.63
23 82 16 11-0044	EA		34" x 84" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	12,293.63	1,395.63
23 82 16 11-0045			8 Row Chilled Water Cooling Coils (23 82 16 11-0001)		
23 82 16 11-0046	EA		12" x 12" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,998.17	184.63
23 82 16 11-0047	EA		12" x 24" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	4,868.10	283.33
23 82 16 11-0048	EA		24" x 30" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	7,226.98	505.12
23 82 16 11-0049	EA		24" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	9,546.67	774.51
23 82 16 11-0050	EA		30" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	11,446.04	968.44
23 82 16 11-0051	EA		30" x 60" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	13,278.20	1,161.19
23 82 16 11-0052	EA		30" x 72" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	15,283.80	1,290.08
23 82 16 11-0053	EA		30" x 84" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	12,916.42	1,496.42
23 82 16 11-0054	EA		34" x 32" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	8,089.13	647.94
23 82 16 11-0055	EA		34" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	10,335.92	974.12
23 82 16 11-0056	EA		34" x 60" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	11,614.02	1,213.44
23 82 16 11-0057	EA		34" x 72" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	12,827.10	1,451.48
23 82 16 11-0058	EA		34" x 84" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	14,105.45	1,707.64
23 82 16 11-0059			Hot Water Heating Coils (23 82 16 11) Note: Flanged construction.		
23 82 16 11-0060			1 Row Hot Water Heating Coils (23 82 16 11-0059)		
23 82 16 11-0061	EA		12" x 12" Hot Water Heating Coil, 1 Row Flanged Construction.....	1,428.10	156.76
			For 10 Fins Per Inch, Add	22.29	
			For 12 Fins Per Inch, Add	55.71	
			For 230 PSIG Heavy Duty, Add	317.00	
23 82 16 11-0062	EA		12" x 24" Hot Water Heating Coil, 1 Row Flanged Construction.....	2,122.45	200.88
			For 10 Fins Per Inch, Add	34.44	
			For 12 Fins Per Inch, Add	86.10	
			For 230 PSIG Heavy Duty, Add	464.53	
23 82 16 11-0063	EA		24" x 30" Hot Water Heating Coil, 1 Row Flanged Construction.....	2,578.86	276.37
			For 10 Fins Per Inch, Add	40.52	
			For 12 Fins Per Inch, Add	101.30	
			For 230 PSIG Heavy Duty, Add	571.07	
23 82 16 11-0064	EA		24" x 48" Hot Water Heating Coil, 1 Row Flanged Construction.....	3,053.28	387.84
			For 10 Fins Per Inch, Add	45.58	
			For 12 Fins Per Inch, Add	113.96	
			For 230 PSIG Heavy Duty, Add	688.07	
23 82 16 11-0065	EA		30" x 48" Hot Water Heating Coil, 1 Row Flanged Construction.....	3,461.35	464.48
			For 10 Fins Per Inch, Add	50.65	
			For 12 Fins Per Inch, Add	126.62	
			For 230 PSIG Heavy Duty, Add	785.17	
23 82 16 11-0066	EA		30" x 60" Hot Water Heating Coil, 1 Row Flanged Construction.....	4,048.13	580.59
			For 10 Fins Per Inch, Add	57.74	
			For 12 Fins Per Inch, Add	144.35	
			For 230 PSIG Heavy Duty, Add	925.75	
23 82 16 11-0067	EA		30" x 72" Hot Water Heating Coil, 1 Row Flanged Construction.....	4,531.69	644.46
			For 10 Fins Per Inch, Add	64.83	
			For 12 Fins Per Inch, Add	162.07	
			For 230 PSIG Heavy Duty, Add	1,035.36	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 11-0068	EA		30" x 84" Hot Water Heating Coil, 1 Row Flanged Construction.....	5,612.84	749.31
			For 10 Fins Per Inch, Add	82.17	
			For 12 Fins Per Inch, Add	205.44	
			For 230 PSIG Heavy Duty, Add	1,272.98	
23 82 16 11-0069	EA		34" x 32" Hot Water Heating Coil, 1 Row Flanged Construction.....	2,423.37	324.67
			For 10 Fins Per Inch, Add	35.48	
			For 12 Fins Per Inch, Add	88.70	
			For 230 PSIG Heavy Duty, Add	549.62	
23 82 16 11-0070	EA		34" x 48" Hot Water Heating Coil, 1 Row Flanged Construction.....	3,635.04	487.12
			For 10 Fins Per Inch, Add	53.22	
			For 12 Fins Per Inch, Add	133.04	
			For 230 PSIG Heavy Duty, Add	824.42	
23 82 16 11-0071	EA		34" x 72" Hot Water Heating Coil, 1 Row Flanged Construction.....	5,464.94	736.77
			For 10 Fins Per Inch, Add	79.83	
			For 12 Fins Per Inch, Add	199.57	
			For 230 PSIG Heavy Duty, Add	1,240.35	
23 82 16 11-0072	EA		34" x 84" Hot Water Heating Coil, 1 Row Flanged Construction.....	6,364.17	853.82
			For 10 Fins Per Inch, Add	93.13	
			For 12 Fins Per Inch, Add	232.83	
			For 230 PSIG Heavy Duty, Add	1,443.60	
23 82 16 11-0073	SF		>15 SF Hot Water Heating Coil, 1 Row, Flanged Construction.....	289.85	42.96
			For 10 Fins Per Inch, Add	4.08	
			For 12 Fins Per Inch, Add	10.20	
			For 230 PSIG Heavy Duty, Add	66.56	
23 82 16 11-0074			2 Row Hot Water Heating Coils (23 82 16 11-0059)		
23 82 16 11-0075	EA		12" x 12" Hot Water Heating Coil, 2 Row Flanged Construction.....	2,311.70	193.92
			For 10 Fins Per Inch, Add	38.49	
			For 12 Fins Per Inch, Add	96.23	
			For 230 PSIG Heavy Duty, Add	501.05	
23 82 16 11-0076	EA		12" x 24" Hot Water Heating Coil, 2 Row Flanged Construction.....	2,491.37	257.78
			For 10 Fins Per Inch, Add	39.51	
			For 12 Fins Per Inch, Add	98.76	
			For 230 PSIG Heavy Duty, Add	549.88	
23 82 16 11-0077	EA		24" x 30" Hot Water Heating Coil, 2 Row Flanged Construction.....	3,357.17	387.84
			For 10 Fins Per Inch, Add	51.66	
			For 12 Fins Per Inch, Add	129.15	
			For 230 PSIG Heavy Duty, Add	748.85	
23 82 16 11-0078	EA		24" x 48" Hot Water Heating Coil, 2 Row Flanged Construction.....	4,043.48	552.72
			For 10 Fins Per Inch, Add	58.75	
			For 12 Fins Per Inch, Add	146.88	
			For 230 PSIG Heavy Duty, Add	919.29	
23 82 16 11-0079	EA		30" x 48" Hot Water Heating Coil, 2 Row Flanged Construction.....	4,658.24	682.78
			For 10 Fins Per Inch, Add	65.84	
			For 12 Fins Per Inch, Add	164.61	
			For 230 PSIG Heavy Duty, Add	1,068.26	
23 82 16 11-0080	EA		30" x 60" Hot Water Heating Coil, 2 Row Flanged Construction.....	4,950.97	829.09
			For 10 Fins Per Inch, Add	65.84	
			For 12 Fins Per Inch, Add	164.61	
			For 230 PSIG Heavy Duty, Add	1,156.08	
23 82 16 11-0081	EA		30" x 72" Hot Water Heating Coil, 2 Row Flanged Construction.....	5,581.97	968.44
			For 10 Fins Per Inch, Add	72.93	
			For 12 Fins Per Inch, Add	182.33	
			For 230 PSIG Heavy Duty, Add	1,309.93	
23 82 16 11-0082	EA		30" x 84" Hot Water Heating Coil, 2 Row Flanged Construction.....	6,872.69	1,125.19
			For 10 Fins Per Inch, Add	92.45	
			For 12 Fins Per Inch, Add	231.12	
			For 230 PSIG Heavy Duty, Add	1,599.58	
23 82 16 11-0083	EA		34" x 32" Hot Water Heating Coil, 2 Row Flanged Construction.....	2,966.55	485.50
			For 10 Fins Per Inch, Add	39.91	
			For 12 Fins Per Inch, Add	99.78	
			For 230 PSIG Heavy Duty, Add	690.40	
23 82 16 11-0084	EA		34" x 48" Hot Water Heating Coil, 2 Row Flanged Construction.....	4,452.26	729.34
			For 10 Fins Per Inch, Add	59.87	
			For 12 Fins Per Inch, Add	149.67	
			For 230 PSIG Heavy Duty, Add	1,036.33	
23 82 16 11-0085	EA		34" x 72" Hot Water Heating Coil, 2 Row Flanged Construction.....	6,689.45	1,099.64
			For 10 Fins Per Inch, Add	89.80	
			For 12 Fins Per Inch, Add	224.51	
			For 230 PSIG Heavy Duty, Add	1,557.81	
23 82 16 11-0086	EA		34" x 84" Hot Water Heating Coil, 2 Row Flanged Construction.....	7,807.65	1,284.51
			For 10 Fins Per Inch, Add	104.77	
			For 12 Fins Per Inch, Add	261.93	
			For 230 PSIG Heavy Duty, Add	1,818.43	
23 82 16 11-0087			Hot Water Preheat Coils For Multi-Zone Air Handling Units (23 82 16 11)		
			Note: 2 Row coils. Coils are sized by air handling unit capacity.		
23 82 16 11-0088	EA		3,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	1,879.26	147.48
23 82 16 11-0089	EA		4,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	2,406.00	146.31
23 82 16 11-0090	EA		5,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	2,952.61	156.76
23 82 16 11-0091	EA		6,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	3,431.06	170.69
23 82 16 11-0092	EA		7,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	3,446.82	178.82
23 82 16 11-0093	EA		9,200 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	4,173.19	188.11
23 82 16 11-0094	EA		11,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	4,322.15	211.34
23 82 16 11-0095	EA		13,200 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	4,779.04	236.88
23 82 16 11-0096	EA		16,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	5,378.00	283.33
23 82 16 11-0097	EA		19,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	5,862.88	297.27

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 82 Convection Heating and Cooling Units**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 82 16 11-0098	EA	22,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	7,515.81	314.68
23 82 16 11-0099	EA	27,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	9,571.61	430.80
23 82 16 11-0100	EA	34,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	12,026.01	528.34
23 82 16 11-0101	EA	40,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	14,011.96	552.72
23 82 16 11-0102	EA	47,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	16,459.31	644.46

23 82 16 12 Steam Air Coils (23 82 16)**23 82 16 12-0001 Steam Heating Coils (23 82 16 12)**

Note: Flanged construction.

23 82 16 12-0002	EA	12" x 12" Steam Heating Coils, 1 Row Flanged Construction.....	2,225.25	109.15
		<i>For 2 Row Coil, Add</i>	710.99	
		<i>For 4 Row Coil, Add</i>	1,873.53	
23 82 16 12-0003	EA	12" x 24" Steam Heating Coils, 1 Row Flanged Construction.....	2,453.26	150.95
		<i>For 2 Row Coil, Add</i>	796.30	
		<i>For 4 Row Coil, Add</i>	2,092.30	
23 82 16 12-0004	EA	24" x 30" Steam Heating Coils, 1 Row Flanged Construction.....	3,193.79	270.55
		<i>For 2 Row Coil, Add</i>	1,066.16	
		<i>For 4 Row Coil, Add</i>	2,787.27	
23 82 16 12-0005	EA	24" x 48" Steam Heating Coils, 1 Row Flanged Construction.....	4,001.59	387.84
		<i>For 2 Row Coil, Add</i>	1,355.30	
		<i>For 4 Row Coil, Add</i>	3,534.14	
23 82 16 12-0006	EA	30" x 48" Steam Heating Coils, 1 Row Flanged Construction.....	4,443.31	464.48
		<i>For 2 Row Coil, Add</i>	1,518.78	
		<i>For 4 Row Coil, Add</i>	3,954.10	
23 82 16 12-0007	EA	30" x 60" Steam Heating Coils, 1 Row Flanged Construction.....	4,962.43	580.59
		<i>For 2 Row Coil, Add</i>	1,720.97	
		<i>For 4 Row Coil, Add</i>	4,469.26	
23 82 16 12-0008	EA	30" x 72" Steam Heating Coils, 1 Row Flanged Construction.....	5,450.06	644.46
		<i>For 2 Row Coil, Add</i>	1,893.06	
		<i>For 4 Row Coil, Add</i>	4,914.84	
23 82 16 12-0009	EA	30" x 84" Steam Heating Coils, 1 Row Flanged Construction.....	6,776.89	752.10
		<i>For 2 Row Coil, Add</i>	2,333.89	
		<i>For 4 Row Coil, Add</i>	6,068.28	
23 82 16 12-0010	EA	34" x 32" Steam Heating Coils, 1 Row Flanged Construction.....	2,925.95	324.67
		<i>For 2 Row Coil, Add</i>	1,007.67	
		<i>For 4 Row Coil, Add</i>	2,620.01	
23 82 16 12-0011	EA	34" x 48" Steam Heating Coils, 1 Row Flanged Construction.....	4,388.93	487.12
		<i>For 2 Row Coil, Add</i>	1,511.51	
		<i>For 4 Row Coil, Add</i>	3,930.03	
23 82 16 12-0012	EA	34" x 72" Steam Heating Coils, 1 Row Flanged Construction.....	6,580.91	729.34
		<i>For 2 Row Coil, Add</i>	2,266.03	
		<i>For 4 Row Coil, Add</i>	5,892.00	
23 82 16 12-0013	EA	34" x 84" Steam Heating Coils, 1 Row Flanged Construction.....	7,683.46	853.82
		<i>For 2 Row Coil, Add</i>	2,646.56	
		<i>For 4 Row Coil, Add</i>	6,881.04	

23 82 16 13 Refrigerant Air Coils (23 82 16)**23 82 16 13-0001 Direct Expansion Cooling Coils (23 82 16 13)**

Note: Flanged construction 16 gauge galvanized steel casing.

23 82 16 13-0002 2 Row Direct Expansion Cooling Coils (23 82 16 13-0001)

23 82 16 13-0003	EA	12" x 12" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	1,747.92	87.09
		<i>For 10 Fins Per Inch, Add</i>	31.47	
		<i>For 12 Fins Per Inch, Add</i>	78.67	
23 82 16 13-0004	EA	12" x 24" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,386.04	119.60
		<i>For 10 Fins Per Inch, Add</i>	62.93	
		<i>For 12 Fins Per Inch, Add</i>	157.33	
23 82 16 13-0005	EA	24" x 30" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,658.34	188.11
		<i>For 10 Fins Per Inch, Add</i>	85.68	
		<i>For 12 Fins Per Inch, Add</i>	214.19	
23 82 16 13-0006	EA	24" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	5,602.72	270.55
		<i>For 10 Fins Per Inch, Add</i>	101.25	
		<i>For 12 Fins Per Inch, Add</i>	253.13	
23 82 16 13-0007	EA	30" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	6,505.02	330.94
		<i>For 10 Fins Per Inch, Add</i>	116.83	
		<i>For 12 Fins Per Inch, Add</i>	292.07	
23 82 16 13-0008	EA	30" x 60" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	7,265.39	400.61
		<i>For 10 Fins Per Inch, Add</i>	129.29	
		<i>For 12 Fins Per Inch, Add</i>	323.23	
23 82 16 13-0009	EA	30" x 72" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	8,328.17	464.48
		<i>For 10 Fins Per Inch, Add</i>	147.98	
		<i>For 12 Fins Per Inch, Add</i>	369.96	
23 82 16 13-0010	EA	30" x 84" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	10,462.05	541.58
		<i>For 10 Fins Per Inch, Add</i>	187.58	
		<i>For 12 Fins Per Inch, Add</i>	468.94	
23 82 16 13-0011	EA	34" x 32" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,017.54	205.88
		<i>For 10 Fins Per Inch, Add</i>	72.12	
		<i>For 12 Fins Per Inch, Add</i>	180.29	
23 82 16 13-0012	EA	34" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	5,153.31	350.56
		<i>For 10 Fins Per Inch, Add</i>	89.04	
		<i>For 12 Fins Per Inch, Add</i>	222.61	
23 82 16 13-0013	EA	34" x 72" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	6,319.50	525.90
		<i>For 10 Fins Per Inch, Add</i>	105.35	
		<i>For 12 Fins Per Inch, Add</i>	263.39	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 13-0014	EA		34" x 84" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing For 10 Fins Per Inch, Add For 12 Fins Per Inch, Add	6,899.02 113.48 283.71	612.41
23 82 16 13-0015			4 Row Direct Expansion Cooling Coils (23 82 16 13-0001)		
23 82 16 13-0016	EA		12" x 12" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing For 10 Fins Per Inch, Add For 12 Fins Per Inch, Add	2,913.43 53.43 133.58	120.76
23 82 16 13-0017	EA		12" x 24" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing For 10 Fins Per Inch, Add For 12 Fins Per Inch, Add	4,163.06 76.33 190.82	174.18
23 82 16 13-0018	EA		24" x 30" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing For 10 Fins Per Inch, Add For 12 Fins Per Inch, Add	5,643.22 101.25 253.13	290.30
23 82 16 13-0019	EA		24" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing For 10 Fins Per Inch, Add For 12 Fins Per Inch, Add	6,857.41 119.95 299.86	430.80
23 82 16 13-0020	EA		30" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing For 10 Fins Per Inch, Add For 12 Fins Per Inch, Add	7,909.65 137.08 342.70	528.34
23 82 16 13-0021	EA		30" x 60" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing For 10 Fins Per Inch, Add For 12 Fins Per Inch, Add	9,390.41 162.00 405.01	645.62
23 82 16 13-0022	EA		30" x 72" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing For 10 Fins Per Inch, Add For 12 Fins Per Inch, Add	10,427.32 177.58 443.95	774.51
23 82 16 13-0023	EA		30" x 84" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing For 10 Fins Per Inch, Add For 12 Fins Per Inch, Add	10,108.22 166.10 415.26	901.54
23 82 16 13-0024	EA		34" x 32" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing For 10 Fins Per Inch, Add For 12 Fins Per Inch, Add	6,463.51 113.70 284.26	389.11
23 82 16 13-0025	EA		34" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing For 10 Fins Per Inch, Add For 12 Fins Per Inch, Add	8,190.24 140.39 350.98	585.24
23 82 16 13-0026	EA		34" x 72" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing For 10 Fins Per Inch, Add For 12 Fins Per Inch, Add	12,287.90 204.58 511.45	1,029.40
23 82 16 13-0027	EA		34" x 84" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing For 10 Fins Per Inch, Add For 12 Fins Per Inch, Add	14,057.72 233.17 582.93	1,199.63
23 82 16 13-0028			6 Row Direct Expansion Cooling Coils (23 82 16 13-0001)		
23 82 16 13-0029	EA		12" x 12" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing For 10 Fins Per Inch, Add For 12 Fins Per Inch, Add	3,732.59 68.54 171.35	152.12
23 82 16 13-0030	EA		12" x 24" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing For 10 Fins Per Inch, Add For 12 Fins Per Inch, Add	4,271.81 76.33 190.82	227.59
23 82 16 13-0031	EA		24" x 30" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing For 10 Fins Per Inch, Add For 12 Fins Per Inch, Add	6,148.29 107.48 268.71	387.84
23 82 16 13-0032	EA		24" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing For 10 Fins Per Inch, Add For 12 Fins Per Inch, Add	7,781.55 132.41 331.02	580.59
23 82 16 13-0033	EA		30" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing For 10 Fins Per Inch, Add For 12 Fins Per Inch, Add	10,252.66 176.02 440.06	725.74
23 82 16 13-0034	EA		30" x 60" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing For 10 Fins Per Inch, Add For 12 Fins Per Inch, Add	11,600.15 196.27 490.69	892.95
23 82 16 13-0035	EA		30" x 72" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing For 10 Fins Per Inch, Add For 12 Fins Per Inch, Add	13,482.69 227.43 568.57	1,055.52
23 82 16 13-0036	EA		30" x 84" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing For 10 Fins Per Inch, Add For 12 Fins Per Inch, Add	12,681.90 204.44 511.09	1,230.04
23 82 16 13-0037	EA		34" x 32" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing For 10 Fins Per Inch, Add For 12 Fins Per Inch, Add	8,060.52 139.94 349.86	531.71
23 82 16 13-0038	EA		34" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing For 10 Fins Per Inch, Add For 12 Fins Per Inch, Add	10,234.58 172.79 431.98	797.50
23 82 16 13-0039	EA		34" x 72" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing For 10 Fins Per Inch, Add For 12 Fins Per Inch, Add	12,601.71 204.44 511.11	1,189.75
23 82 16 13-0040	EA		34" x 84" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing For 10 Fins Per Inch, Add For 12 Fins Per Inch, Add	13,802.51 220.22 550.56	1,395.63
23 82 16 13-0041			8 Row Direct Expansion Cooling Coils (23 82 16 13-0001)		
23 82 16 13-0042	EA		12" x 12" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing For 10 Fins Per Inch, Add For 12 Fins Per Inch, Add	4,652.39 85.68 214.19	183.47

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 80 Decentralized Unitary HVAC Equipment

23 82 Convection Heating and Cooling Units



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 82 16 13-0043	EA	12" x 24" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	5,551.77	283.33
		<i>For 10 Fins Per Inch, Add</i>	99.69	
		<i>For 12 Fins Per Inch, Add</i>	249.24	
23 82 16 13-0044	EA	24" x 30" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	8,214.23	505.12
		<i>For 10 Fins Per Inch, Add</i>	144.09	
		<i>For 12 Fins Per Inch, Add</i>	360.23	
23 82 16 13-0045	EA	24" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	10,816.75	774.51
		<i>For 10 Fins Per Inch, Add</i>	185.37	
		<i>For 12 Fins Per Inch, Add</i>	463.43	
23 82 16 13-0046	EA	30" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	12,956.26	968.44
		<i>For 10 Fins Per Inch, Add</i>	220.42	
		<i>For 12 Fins Per Inch, Add</i>	551.05	
23 82 16 13-0047	EA	30" x 60" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	15,017.89	1,161.19
		<i>For 10 Fins Per Inch, Add</i>	253.91	
		<i>For 12 Fins Per Inch, Add</i>	634.78	
23 82 16 13-0048	EA	30" x 72" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	17,300.98	1,290.08
		<i>For 10 Fins Per Inch, Add</i>	294.41	
		<i>For 12 Fins Per Inch, Add</i>	736.03	
23 82 16 13-0049	EA	30" x 84" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	14,492.22	1,496.42
		<i>For 10 Fins Per Inch, Add</i>	229.99	
		<i>For 12 Fins Per Inch, Add</i>	574.97	
23 82 16 13-0050	EA	34" x 32" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	9,167.83	647.94
		<i>For 10 Fins Per Inch, Add</i>	157.44	
		<i>For 12 Fins Per Inch, Add</i>	393.59	
23 82 16 13-0051	EA	34" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	11,667.80	974.12
		<i>For 10 Fins Per Inch, Add</i>	194.39	
		<i>For 12 Fins Per Inch, Add</i>	485.98	
23 82 16 13-0052	EA	34" x 72" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	14,432.29	1,466.12
		<i>For 10 Fins Per Inch, Add</i>	230.00	
		<i>For 12 Fins Per Inch, Add</i>	575.00	
23 82 16 13-0053	EA	34" x 84" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	15,802.96	1,707.64
		<i>For 10 Fins Per Inch, Add</i>	247.75	
		<i>For 12 Fins Per Inch, Add</i>	619.39	

23 82 16 14 Electric-Resistance Air Coils (23 82 16)

23 82 16 14-0001 Standard Electric Slip-In Blast Coil Heater (23 82 16 14)

23 82 16 14-0002 Electric Slip-In Blast Coil Heater With Open Coil Element (23 82 16 14-0001)

23 82 16 14-0003	EA	1/2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	576.72	84.50
23 82 16 14-0004	EA	1 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	590.79	91.08
23 82 16 14-0005	EA	2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	607.41	99.86
23 82 16 14-0006	EA	3 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	613.01	103.15
23 82 16 14-0007	EA	4 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	627.37	109.73
23 82 16 14-0008	EA	5 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	643.89	118.51
23 82 16 14-0009	EA	6 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	743.08	132.77
23 82 16 14-0010	EA	7 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	756.46	139.36
23 82 16 14-0011	EA	8 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	767.43	143.75
23 82 16 14-0012	EA	9 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	783.47	152.53
23 82 16 14-0013	EA	10 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	859.67	161.31
23 82 16 14-0014	EA	12-1/2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	890.90	176.67
23 82 16 14-0015	EA	15 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	921.96	192.04
23 82 16 14-0016	EA	20 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	955.17	207.40
23 82 16 14-0017	EA	30 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	1,337.98	289.69
23 82 16 14-0018	EA	40 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	2,460.65	308.35
23 82 16 14-0019	EA	50 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	2,699.64	353.34
23 82 16 14-0020	EA	60 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	3,198.69	391.75
23 82 16 14-0021	EA	70 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	3,350.93	425.76
23 82 16 14-0022	EA	80 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	3,671.46	467.46
23 82 16 14-0023	EA	90 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	4,536.07	499.29
23 82 16 14-0024	EA	100 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	4,987.54	536.59
23 82 16 14-0025	EA	125 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	6,080.64	579.38
23 82 16 14-0026	EA	150 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	6,856.23	629.86

23 82 16 14-0027 Electric Slip-In Blast Coil Heater With Finned Tubular Element (23 82 16 14-0001)

23 82 16 14-0028	EA	1 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	975.00	120.70
23 82 16 14-0029	EA	2 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,003.32	131.67
23 82 16 14-0030	EA	3 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,015.21	131.67
23 82 16 14-0031	EA	4 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,096.93	144.85
23 82 16 14-0032	EA	5 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,146.83	144.85
23 82 16 14-0033	EA	6 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,173.39	144.85
23 82 16 14-0034	EA	8 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,230.57	161.31
23 82 16 14-0035	EA	9 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,281.41	181.06
23 82 16 14-0036	EA	10 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,307.97	181.06
23 82 16 14-0037	EA	15 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,472.13	207.40
23 82 16 14-0038	EA	20 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,896.61	207.40
23 82 16 14-0039	EA	25 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	2,013.49	224.95
23 82 16 14-0040	EA	30 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	2,374.08	241.41
23 82 16 14-0041	EA	40 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	2,830.88	241.41
23 82 16 14-0042	EA	45 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	3,091.67	252.39
23 82 16 14-0043	EA	50 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	3,250.05	252.39

23 82 19 Fan Coil Units (23 82)

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT
 UNIT COST DEMOLITION
 UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 19 00-0001			Ceiling Suspended Horizontal Fan Coil Units <small>(23 82 19)</small> Note: Includes cabinet, chilled water coil, baked enamel finish, multispeed fan and fan switch with integral and/or remote thermostat to control valves and on/off and fan speeds. Excludes supports.		
23 82 19 00-0002			Horizontal Fan Coil Units With Electric Heating Coil <small>(23 82 19 00-0001)</small>		
23 82 19 00-0003	EA		200 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet <i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	2,091.98 -53.73	188.11
23 82 19 00-0004	EA		300 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet <i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	2,301.20 -56.91	219.47
23 82 19 00-0005	EA		400 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet <i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	2,547.53 -59.71	247.34
23 82 19 00-0006	EA		600 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet <i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	2,955.86 -63.32	283.33
23 82 19 00-0007	EA		800 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet <i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	3,320.92 -109.66	297.27
23 82 19 00-0008	EA		1,000 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet <i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	4,547.82 -112.08	314.68
23 82 19 00-0009	EA		1,200 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet <i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	5,536.57 -116.23	341.39
23 82 19 00-0010			Horizontal Fan Coil Units With Hot Water Heating Coil <small>(23 82 19 00-0001)</small>		
23 82 19 00-0011	EA		200 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet <i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	1,130.61 -53.73	188.11
23 82 19 00-0012	EA		300 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet <i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	1,379.03 -56.91	219.47
23 82 19 00-0013	EA		400 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet <i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	1,640.30 -59.71	247.34
23 82 19 00-0014	EA		600 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet <i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	3,179.87 -63.32	283.33
23 82 19 00-0015	EA		800 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet <i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	3,582.26 -109.66	298.43
23 82 19 00-0016	EA		1,000 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet <i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	4,921.17 -112.08	314.68
23 82 19 00-0017	EA		1,200 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet <i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	6,245.94 -116.23	341.39
23 82 19 00-0018			Floor Mounted Vertical Fan Coil Units <small>(23 82 19)</small> Note: Includes cabinet, chilled water coil, baked enamel finish, multispeed fan and fan switch with integral and/or remote thermostat to control valves and on/off and fan speeds.		
23 82 19 00-0019			Vertical Fan Coil Units With Electric Heating Coil <small>(23 82 19 00-0018)</small>		
23 82 19 00-0020	EA		200 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet <i>For Fan Coil Units Without Cabinet, Deduct</i> <i>For Thru-Wall Sleeve, Add</i> <i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	2,017.31 -265.14 129.92 -53.73	186.95
23 82 19 00-0021	EA		300 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet <i>For Fan Coil Units Without Cabinet, Deduct</i> <i>For Thru-Wall Sleeve, Add</i> <i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	2,304.93 -301.92 142.64 -56.91	219.47
23 82 19 00-0022	EA		400 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet <i>For Fan Coil Units Without Cabinet, Deduct</i> <i>For Thru-Wall Sleeve, Add</i> <i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	2,734.21 -360.72 153.82 -59.71	247.34
23 82 19 00-0023	EA		600 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet <i>For Fan Coil Units Without Cabinet, Deduct</i> <i>For Thru-Wall Sleeve, Add</i> <i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	3,142.53 -414.74 168.29 -63.32	283.33
23 82 19 00-0024	EA		800 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet <i>For Fan Coil Units Without Cabinet, Deduct</i> <i>For Thru-Wall Sleeve, Add</i> <i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	3,544.93 -472.19 174.10 -109.66	298.43
23 82 19 00-0025	EA		1,000 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet <i>For Fan Coil Units Without Cabinet, Deduct</i> <i>For Thru-Wall Sleeve, Add</i> <i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	4,547.82 -619.41 180.53 -112.08	314.68
23 82 19 00-0026	EA		1,200 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet <i>For Fan Coil Units Without Cabinet, Deduct</i> <i>For Thru-Wall Sleeve, Add</i> <i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	5,349.90 -734.18 191.61 -116.23	341.39
23 82 19 00-0027			Vertical Fan Coil Units With Hot Water Heating Coil <small>(23 82 19 00-0018)</small>		
23 82 19 00-0028	EA		200 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet <i>For Fan Coil Units Without Cabinet, Deduct</i> <i>For Thru-Wall Sleeve, Add</i> <i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	2,241.32 -298.74 129.92 -53.73	186.95
23 82 19 00-0029	EA		300 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet <i>For Fan Coil Units Without Cabinet, Deduct</i> <i>For Thru-Wall Sleeve, Add</i> <i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	2,528.94 -335.52 142.64 -56.91	219.47
23 82 19 00-0030	EA		400 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet <i>For Fan Coil Units Without Cabinet, Deduct</i> <i>For Thru-Wall Sleeve, Add</i> <i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	3,107.56 -416.72 153.82 -59.71	247.34

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 82 Convection Heating and Cooling Units**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 82 19 00-0031	EA	600 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	3,553.21	283.33
		<i>For Fan Coil Units Without Cabinet, Deduct</i>	-476.34	
		<i>For Thru-Wall Sleeve, Add</i>	168.29	
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-63.32	
23 82 19 00-0032	EA	800 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	3,955.61	298.43
		<i>For Fan Coil Units Without Cabinet, Deduct</i>	-533.79	
		<i>For Thru-Wall Sleeve, Add</i>	174.10	
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-109.66	
23 82 19 00-0033	EA	1,000 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	4,734.50	314.68
		<i>For Fan Coil Units Without Cabinet, Deduct</i>	-647.41	
		<i>For Thru-Wall Sleeve, Add</i>	180.53	
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-112.08	
23 82 19 00-0034	EA	1,200 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	5,536.57	341.39
		<i>For Fan Coil Units Without Cabinet, Deduct</i>	-762.18	
		<i>For Thru-Wall Sleeve, Add</i>	191.61	
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-116.23	
23 82 19 00-0035		Removal And Reinstallation Of Fan Coil Units (23 82 19)		
		Note: Includes storage and cleaning. Excludes supports.		
23 82 19 00-0036	EA	Removal And Reinstallation Of Fan Coil Unit Horizontal Or Vertical	493.71	
23 82 29		Radiators (23 82)		
23 82 29 00-0001		Demolish Cast Iron Radiators (23 82 29)		
23 82 29 00-0002	LF	Demolish Cast Iron Radiator	34.82	
23 82 29 00-0003	EA	Cap Radiator	55.27	
23 82 29 00-0004		Cast Iron Radiator (23 82 29)		
23 82 29 00-0005	EA	19" High Cast Iron Radiator Section, Free Standing	75.33	
		<i>For Wall Support Bracket, Add</i>	28.80	
23 82 29 00-0006	EA	25" High Cast Iron Radiator Section, Free Standing	110.67	
		<i>For Wall Support Bracket, Add</i>	30.31	
23 82 29 00-0007	EA	30" High Cast Iron Radiator Section, Free Standing	130.10	
23 82 29 00-0008	EA	36" High Cast Iron Radiator Section, Free Standing	166.28	
23 82 29 00-0009	EA	20" High Cast Iron Radiator Section, Recessed With Grille	102.12	
23 82 29 00-0010		Radiator Covers (23 82 29)		
		Note: Includes field cutouts, vent grilles, and insulation backing. To calculate quantity, measure the surface area of front, top and sides.		
23 82 29 00-0011	SF	14 Gauge Stainless Steel Radiator Cover	127.79	5.96
23 82 29 00-0012	SF	Primed And Painted, Galvanized Steel Radiator Cover	79.51	5.96
23 82 29 00-0013		Radiator Shields (23 82 29)		
23 82 29 00-0014	SF	Stainless Steel Radiator Shield	74.01	5.96
23 82 29 00-0015	SF	Primed And Painted, Galvanized Steel Radiator Shield	47.36	5.96
23 82 29 00-0016		Removal And Reinstallation Of Radiator (23 82 29)		
		Note: Includes storage and cleaning.		
23 82 29 00-0017	LF	Removal And Reinstallation Of Cast Iron Radiator	87.09	
23 82 29 00-0018	LF	Removal And Reinstallation Of Electric Radiator	58.06	
23 82 33		Convectors (23 82)		
23 82 33 00-0001		Multi-Fin Convectors For Two-Pipe System (23 82 33)		
		Note: Complete with 6-1/4" deep cabinet enclosure.		
23 82 33 00-0002		20" High Multi-Fin Convectors For Two-Pipe System (23 82 33 00-0001)		
23 82 33 00-0003	EA	20" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	576.42	127.73
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Metal Trim Strips, Add</i>	64.06	
		<i>For Snap-On Inlet Grille, Add</i>	48.71	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For 3 Tubes System, Add</i>	134.01	
23 82 33 00-0004	EA	20" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	679.09	139.35
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Metal Trim Strips, Add</i>	69.34	
		<i>For Snap-On Inlet Grille, Add</i>	52.22	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For 3 Tubes System, Add</i>	163.79	
23 82 33 00-0005	EA	20" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	781.40	164.89
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Metal Trim Strips, Add</i>	80.88	
		<i>For Snap-On Inlet Grille, Add</i>	59.92	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For 3 Tubes System, Add</i>	186.13	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0006	EA		20" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	935.62	191.59
			For Knob Operated Damper, Add	15.00	
			For Metal Trim Strips, Add	93.08	
			For Snap-On Inlet Grille, Add	68.05	
			For Access Doors Hinged, Add	15.00	
			For Air Chamber, Auto-vent, Add	18.00	
			For 3 Tubes System, Add	225.87	
23 82 33 00-0007	EA		20" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,115.74	229.91
			For Knob Operated Damper, Add	15.00	
			For Metal Trim Strips, Add	110.49	
			For Snap-On Inlet Grille, Add	79.66	
			For Access Doors Hinged, Add	15.00	
			For Air Chamber, Auto-vent, Add	18.00	
			For 3 Tubes System, Add	268.61	
23 82 33 00-0008	EA		20" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,255.18	252.91
			For Knob Operated Damper, Add	15.00	
			For Metal Trim Strips, Add	120.92	
			For Snap-On Inlet Grille, Add	86.62	
			For Access Doors Hinged, Add	15.00	
			For Air Chamber, Auto-vent, Add	18.00	
			For 3 Tubes System, Add	305.24	
23 82 33 00-0009	EA		20" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,458.51	306.55
			For Knob Operated Damper, Add	15.00	
			For Metal Trim Strips, Add	145.30	
			For Snap-On Inlet Grille, Add	102.86	
			For Access Doors Hinged, Add	15.00	
			For Air Chamber, Auto-vent, Add	18.00	
			For 3 Tubes System, Add	347.97	
23 82 33 00-0010	EA		20" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,592.20	325.71
			For Knob Operated Damper, Add	15.00	
			For Metal Trim Strips, Add	154.01	
			For Snap-On Inlet Grille, Add	108.67	
			For Access Doors Hinged, Add	15.00	
			For Air Chamber, Auto-vent, Add	18.00	
			For 3 Tubes System, Add	384.59	
23 82 33 00-0011	EA		20" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,737.42	364.03
			For Knob Operated Damper, Add	15.00	
			For Metal Trim Strips, Add	171.41	
			For Snap-On Inlet Grille, Add	120.27	
			For Access Doors Hinged, Add	15.00	
			For Air Chamber, Auto-vent, Add	18.00	
			For 3 Tubes System, Add	415.12	
23 82 33 00-0012	EA		20" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,917.63	402.36
			For Knob Operated Damper, Add	15.00	
			For Metal Trim Strips, Add	188.84	
			For Snap-On Inlet Grille, Add	131.90	
			For Access Doors Hinged, Add	15.00	
			For Air Chamber, Auto-vent, Add	18.00	
			For 3 Tubes System, Add	457.85	
23 82 33 00-0013	EA		20" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,062.85	440.67
			For Knob Operated Damper, Add	15.00	
			For Metal Trim Strips, Add	206.25	
			For Snap-On Inlet Grille, Add	143.50	
			For Access Doors Hinged, Add	15.00	
			For Air Chamber, Auto-vent, Add	18.00	
			For 3 Tubes System, Add	488.37	
23 82 33 00-0014			26" High Multi-Fin Convector For Two-Pipe System <small>(23 82 33 00-0001)</small>		
23 82 33 00-0015	EA		26" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	677.43	168.02
			For Knob Operated Damper, Add	15.00	
			For Metal Trim Strips, Add	81.60	
			For Snap-On Inlet Grille, Add	60.40	
			For Access Doors Hinged, Add	15.00	
			For Air Chamber, Auto-vent, Add	18.00	
			For 3 Tubes System, Add	148.90	
23 82 33 00-0016	EA		26" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	795.42	195.20
			For Knob Operated Damper, Add	15.00	
			For Metal Trim Strips, Add	93.79	
			For Snap-On Inlet Grille, Add	68.53	
			For Access Doors Hinged, Add	15.00	
			For Air Chamber, Auto-vent, Add	18.00	
			For 3 Tubes System, Add	175.98	
23 82 33 00-0017	EA		26" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	962.36	229.22
			For Knob Operated Damper, Add	15.00	
			For Metal Trim Strips, Add	109.07	
			For Snap-On Inlet Grille, Add	78.71	
			For Access Doors Hinged, Add	15.00	
			For Air Chamber, Auto-vent, Add	18.00	
			For 3 Tubes System, Add	216.58	
23 82 33 00-0018	EA		26" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,128.07	255.58
			For Knob Operated Damper, Add	15.00	
			For Metal Trim Strips, Add	120.89	
			For Snap-On Inlet Grille, Add	86.60	
			For Access Doors Hinged, Add	15.00	
			For Air Chamber, Auto-vent, Add	18.00	
			For 3 Tubes System, Add	260.78	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 80 Decentralized Unitary HVAC Equipment

23 82 Convection Heating and Cooling Units



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0019	EA		26" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,316.77	287.40
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	135.21	
			<i>For Snap-On Inlet Grille, Add</i>	96.14	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	310.12	
23 82 33 00-0020	EA		26" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,473.59	311.32
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	146.01	
			<i>For Snap-On Inlet Grille, Add</i>	103.34	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	352.41	
23 82 33 00-0021	EA		26" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,680.51	354.74
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	165.80	
			<i>For Snap-On Inlet Grille, Add</i>	116.53	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	401.75	
23 82 33 00-0022	EA		26" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,833.46	376.46
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	175.43	
			<i>For Snap-On Inlet Grille, Add</i>	122.96	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	444.04	
23 82 33 00-0023	EA		26" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,984.39	410.47
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	190.51	
			<i>For Snap-On Inlet Grille, Add</i>	133.01	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	479.28	
23 82 33 00-0024	EA		26" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,176.15	443.81
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	205.75	
			<i>For Snap-On Inlet Grille, Add</i>	143.16	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	528.62	
23 82 33 00-0025	EA		26" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,322.53	474.35
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	219.45	
			<i>For Snap-On Inlet Grille, Add</i>	152.30	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	563.86	
23 82 33 00-0026			32" High Multi-Fin Convectors For Two-Pipe System <small>(23 82 33 00-0001)</small>		
23 82 33 00-0027	EA		32" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	777.46	204.37
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	98.85	
			<i>For Snap-On Inlet Grille, Add</i>	71.90	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	163.79	
23 82 33 00-0028	EA		32" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	927.64	247.34
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	118.37	
			<i>For Snap-On Inlet Grille, Add</i>	84.92	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	193.57	
23 82 33 00-0029	EA		32" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,118.54	289.14
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	137.36	
			<i>For Snap-On Inlet Grille, Add</i>	97.57	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	238.24	
23 82 33 00-0030	EA		32" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,295.65	314.22
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	148.82	
			<i>For Snap-On Inlet Grille, Add</i>	105.21	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	286.86	
23 82 33 00-0031	EA		32" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,488.64	339.53
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	160.19	
			<i>For Snap-On Inlet Grille, Add</i>	112.80	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	341.13	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0032	EA		32" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,658.93	364.03
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	171.41	
			<i>For Snap-On Inlet Grille, Add</i>	120.27	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	387.65	
23 82 33 00-0033	EA		32" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,860.68	394.69
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	185.42	
			<i>For Snap-On Inlet Grille, Add</i>	129.61	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	441.92	
23 82 33 00-0034	EA		32" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,032.15	420.00
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	196.99	
			<i>For Snap-On Inlet Grille, Add</i>	137.32	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	488.44	
23 82 33 00-0035	EA		32" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,184.71	448.34
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	209.53	
			<i>For Snap-On Inlet Grille, Add</i>	145.68	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	527.20	
23 82 33 00-0036	EA		32" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,381.50	475.16
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	222.05	
			<i>For Snap-On Inlet Grille, Add</i>	154.03	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	581.47	
23 82 33 00-0037	EA		32" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,526.51	498.15
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	232.32	
			<i>For Snap-On Inlet Grille, Add</i>	160.88	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	620.24	
23 82 33 00-0038			Electric Convectors, Floor Standing Units (23 82 33)		
23 82 33 00-0039			4" Deep Electric Convectors (23 82 33 00-0038)		
23 82 33 00-0040	EA		38" Long x 14" High x 4" Deep Electric Convectors, Floor Standing Units	589.20	117.72
23 82 33 00-0041	EA		50" Long x 14" High x 4" Deep Electric Convectors, Floor Standing Units	651.31	117.72
23 82 33 00-0042			6" Deep Electric Convectors (23 82 33 00-0038)		
23 82 33 00-0043	EA		38" Long x 14" High x 6" Deep Electric Convectors, Floor Standing Units	679.97	117.72
23 82 33 00-0044	EA		50" Long x 14" High x 6" Deep Electric Convectors, Floor Standing Units	775.51	117.72
23 82 33 00-0045	EA		62" Long x 20" High x 6" Deep Electric Convectors, Floor Standing Units	859.11	117.72
23 82 33 00-0046	EA		74" Long x 20" High x 6" Deep Electric Convectors, Floor Standing Units	990.49	117.72
23 82 36			Finned-Tube Radiation Heaters (23 82)		
23 82 36 00-0001			Electric Baseboard Heating (23 82 36)		
			Note: Includes 24 gauge steel enclosure and heating element		
23 82 36 00-0002			Electric Wall Heating 10" Enclosure (23 82 36 00-0001)		
23 82 36 00-0003	LF		Electric Wall Heating, 10" Enclosure, Low Capacity Electric Unit, Element <250 Watts/FT	139.26	65.41
23 82 36 00-0004	LF		Electric Wall Heating, 10" Enclosure, Low Capacity Electric Unit, Element >= 250 Watts/FT	142.13	65.41
23 82 36 00-0005			Electric Wall Heating 16" Enclosure (23 82 36 00-0001)		
23 82 36 00-0006	LF		Electric Wall Heating, 16" Enclosure, Low Capacity Electric Unit, Element <350 Watts/FT	167.93	65.41
23 82 36 00-0007	LF		Electric Wall Heating, 16" Enclosure, Low Capacity Electric Unit, Element >= 350 Watts/FT	175.09	65.41
23 82 36 00-0008			Finned Tube Baseboard Units (23 82 36)		
			Note: Complete with steel enclosure. Single heating element.		
23 82 36 00-0009			3/4" IPS Steel Tube With Steel Fins (23 82 36 00-0008)		
23 82 36 00-0010	EA		4' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	367.99	45.29
			<i>For 90 Degree Corner, Add</i>	53.82	
			<i>For Valve Enclosure, Add</i>	53.82	
			<i>For Filler Piece, Add</i>	46.82	
			<i>For End Cap, Add</i>	36.48	
			<i>For Copper Tube With Aluminum Fins, Add</i>	8.19	
23 82 36 00-0011	EA		6' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	487.25	68.51
			<i>For 90 Degree Corner, Add</i>	62.78	
			<i>For Valve Enclosure, Add</i>	62.78	
			<i>For Filler Piece, Add</i>	55.78	
			<i>For End Cap, Add</i>	42.31	
			<i>For Copper Tube With Aluminum Fins, Add</i>	12.28	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 80 Decentralized Unitary HVAC Equipment

23 82 Convection Heating and Cooling Units



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 82 36 00-0012	EA 8' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	588.09	90.57
	<i>For 90 Degree Corner, Add</i>	68.06	
	<i>For Valve Enclosure, Add</i>	68.06	
	<i>For Filler Piece, Add</i>	61.06	
	<i>For End Cap, Add</i>	45.74	
	<i>For Copper Tube With Aluminum Fins, Add</i>	16.38	
23 82 36 00-0013	EA 10' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	732.57	126.81
	<i>For 90 Degree Corner, Add</i>	82.46	
	<i>For Valve Enclosure, Add</i>	82.46	
	<i>For Filler Piece, Add</i>	75.46	
	<i>For End Cap, Add</i>	55.10	
	<i>For Copper Tube With Aluminum Fins, Add</i>	20.37	
23 82 36 00-0014	EA 12' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	876.24	152.35
	<i>For 90 Degree Corner, Add</i>	97.09	
	<i>For Valve Enclosure, Add</i>	97.09	
	<i>For Filler Piece, Add</i>	90.09	
	<i>For End Cap, Add</i>	64.61	
	<i>For Copper Tube With Aluminum Fins, Add</i>	24.24	
23 82 36 00-0015	EA 14' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	993.46	162.56
	<i>For 90 Degree Corner, Add</i>	102.90	
	<i>For Valve Enclosure, Add</i>	102.90	
	<i>For Filler Piece, Add</i>	95.90	
	<i>For End Cap, Add</i>	68.38	
	<i>For Copper Tube With Aluminum Fins, Add</i>	29.09	
23 82 36 00-0016	EA 16' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	1,095.13	179.64
	<i>For 90 Degree Corner, Add</i>	112.65	
	<i>For Valve Enclosure, Add</i>	112.65	
	<i>For Filler Piece, Add</i>	105.65	
	<i>For End Cap, Add</i>	74.72	
	<i>For Copper Tube With Aluminum Fins, Add</i>	32.00	
23 82 36 00-0017	EA 18' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	1,250.63	203.21
	<i>For 90 Degree Corner, Add</i>	126.12	
	<i>For Valve Enclosure, Add</i>	126.12	
	<i>For Filler Piece, Add</i>	119.12	
	<i>For End Cap, Add</i>	83.48	
	<i>For Copper Tube With Aluminum Fins, Add</i>	36.85	
23 82 36 00-0018	EA 20' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	1,379.28	223.52
	<i>For 90 Degree Corner, Add</i>	137.74	
	<i>For Valve Enclosure, Add</i>	137.74	
	<i>For Filler Piece, Add</i>	130.74	
	<i>For End Cap, Add</i>	91.03	
	<i>For Copper Tube With Aluminum Fins, Add</i>	40.73	
23 82 36 00-0019	1" IPS Steel Tube With Steel Fins (23 82 36 00-0008)		
23 82 36 00-0020	EA 4' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	431.81	45.29
	<i>For 90 Degree Corner, Add</i>	53.82	
	<i>For Valve Enclosure, Add</i>	53.82	
	<i>For Filler Piece, Add</i>	46.82	
	<i>For End Cap, Add</i>	36.48	
	<i>For Copper Tube With Aluminum Fins, Add</i>	11.70	
23 82 36 00-0021	EA 6' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	582.98	68.51
	<i>For 90 Degree Corner, Add</i>	62.78	
	<i>For Valve Enclosure, Add</i>	62.78	
	<i>For Filler Piece, Add</i>	55.78	
	<i>For End Cap, Add</i>	42.31	
	<i>For Copper Tube With Aluminum Fins, Add</i>	17.55	
23 82 36 00-0022	EA 8' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	715.73	90.57
	<i>For 90 Degree Corner, Add</i>	68.06	
	<i>For Valve Enclosure, Add</i>	68.06	
	<i>For Filler Piece, Add</i>	61.06	
	<i>For End Cap, Add</i>	45.74	
	<i>For Copper Tube With Aluminum Fins, Add</i>	23.40	
23 82 36 00-0023	EA 10' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	891.41	126.81
	<i>For 90 Degree Corner, Add</i>	82.48	
	<i>For Valve Enclosure, Add</i>	82.48	
	<i>For Filler Piece, Add</i>	75.48	
	<i>For End Cap, Add</i>	55.11	
	<i>For Copper Tube With Aluminum Fins, Add</i>	29.09	
23 82 36 00-0024	EA 12' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,064.97	152.35
	<i>For 90 Degree Corner, Add</i>	97.04	
	<i>For Valve Enclosure, Add</i>	97.04	
	<i>For Filler Piece, Add</i>	90.04	
	<i>For End Cap, Add</i>	64.58	
	<i>For Copper Tube With Aluminum Fins, Add</i>	34.64	
23 82 36 00-0025	EA 14' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,220.18	162.56
	<i>For 90 Degree Corner, Add</i>	102.90	
	<i>For Valve Enclosure, Add</i>	102.90	
	<i>For Filler Piece, Add</i>	95.90	
	<i>For End Cap, Add</i>	68.38	
	<i>For Copper Tube With Aluminum Fins, Add</i>	41.56	
23 82 36 00-0026	EA 16' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,344.16	179.64
	<i>For 90 Degree Corner, Add</i>	112.58	
	<i>For Valve Enclosure, Add</i>	112.58	
	<i>For Filler Piece, Add</i>	105.58	
	<i>For End Cap, Add</i>	74.68	
	<i>For Copper Tube With Aluminum Fins, Add</i>	45.72	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 36 00-0027	EA		18' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element.....	1,537.81	203.21
			For 90 Degree Corner, Add	126.12	
			For Valve Enclosure, Add	126.12	
			For Filler Piece, Add	119.12	
			For End Cap, Add	83.48	
			For Copper Tube With Aluminum Fins, Add	52.65	
23 82 36 00-0028	EA		20' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element.....	1,695.99	223.52
			For 90 Degree Corner, Add	137.60	
			For Valve Enclosure, Add	137.60	
			For Filler Piece, Add	130.60	
			For End Cap, Add	90.94	
			For Copper Tube With Aluminum Fins, Add	58.19	
23 82 36 00-0029			1-1/4" IPS Steel Tube With Steel Fins (23 82 36 00-0008)		
23 82 36 00-0030	EA		4' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element.....	495.62	45.29
			For 90 Degree Corner, Add	53.82	
			For Valve Enclosure, Add	53.82	
			For Filler Piece, Add	46.82	
			For End Cap, Add	36.48	
			For Copper Tube With Aluminum Fins, Add	15.21	
23 82 36 00-0031	EA		6' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element.....	678.70	68.51
			For 90 Degree Corner, Add	62.78	
			For Valve Enclosure, Add	62.78	
			For Filler Piece, Add	55.78	
			For End Cap, Add	42.31	
			For Copper Tube With Aluminum Fins, Add	22.81	
23 82 36 00-0032	EA		8' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element.....	843.36	90.57
			For 90 Degree Corner, Add	68.06	
			For Valve Enclosure, Add	68.06	
			For Filler Piece, Add	61.06	
			For End Cap, Add	45.74	
			For Copper Tube With Aluminum Fins, Add	30.42	
23 82 36 00-0033	EA		10' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element.....	1,050.10	126.81
			For 90 Degree Corner, Add	82.48	
			For Valve Enclosure, Add	82.48	
			For Filler Piece, Add	75.48	
			For End Cap, Add	55.11	
			For Copper Tube With Aluminum Fins, Add	37.82	
23 82 36 00-0034	EA		12' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element.....	1,253.89	152.35
			For 90 Degree Corner, Add	97.04	
			For Valve Enclosure, Add	97.04	
			For Filler Piece, Add	90.04	
			For End Cap, Add	64.58	
			For Copper Tube With Aluminum Fins, Add	45.03	
23 82 36 00-0035	EA		14' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element.....	1,446.88	162.56
			For 90 Degree Corner, Add	102.90	
			For Valve Enclosure, Add	102.90	
			For Filler Piece, Add	95.90	
			For End Cap, Add	68.38	
			For Copper Tube With Aluminum Fins, Add	54.03	
23 82 36 00-0036	EA		16' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element.....	1,593.54	179.64
			For 90 Degree Corner, Add	112.58	
			For Valve Enclosure, Add	112.58	
			For Filler Piece, Add	105.58	
			For End Cap, Add	74.68	
			For Copper Tube With Aluminum Fins, Add	59.44	
23 82 36 00-0037	EA		18' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element.....	1,824.97	203.21
			For 90 Degree Corner, Add	126.12	
			For Valve Enclosure, Add	126.12	
			For Filler Piece, Add	119.12	
			For End Cap, Add	83.48	
			For Copper Tube With Aluminum Fins, Add	68.44	
23 82 36 00-0038	EA		20' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element.....	2,013.39	223.52
			For 90 Degree Corner, Add	137.60	
			For Valve Enclosure, Add	137.60	
			For Filler Piece, Add	130.60	
			For End Cap, Add	90.94	
			For Copper Tube With Aluminum Fins, Add	75.65	

23 82 39 Unit Heaters (23 82)
23 82 39 13 Cabinet Unit Heaters (23 82 39)

23 82 39 13-0001			Electric Cabinet Unit Heaters (23 82 39 13)		
			Note: Can be mounted on the ceiling, floor or wall. Includes built-in thermostat. 208, 240/208, 277, or 480 Volt.		
23 82 39 13-0002			Electric Cabinet Unit Heaters, 35" Cabinet Length (23 82 39 13-0001)		
23 82 39 13-0003	EA		2 KW, 250 CFM, 35" Electric Cabinet Unit Heater.....	2,908.13	148.64
			Note: Wall or floor mounted.		
23 82 39 13-0004	EA		3 KW, 250 CFM, 35" Electric Cabinet Unit Heater.....	2,931.04	148.64
			Note: Wall or floor mounted.		
23 82 39 13-0005	EA		4 KW, 250 CFM, 35" Electric Cabinet Unit Heater.....	2,953.96	148.64
			Note: Wall or floor mounted.		
23 82 39 13-0006	EA		5 KW, 250 CFM, 35" Electric Cabinet Unit Heater.....	2,976.86	148.64
			Note: Wall or floor mounted.		
23 82 39 13-0007	EA		6 KW, 250 CFM, 35" Electric Cabinet Unit Heater.....	2,999.77	148.64
			Note: Wall or floor mounted.		
23 82 39 13-0008	EA		7 KW, 250 CFM, 35" Electric Cabinet Unit Heater.....	3,022.69	148.64
			Note: Wall or floor mounted.		

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 82 Convection Heating and Cooling Units**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 82 39 13-0009	EA	8 KW, 250 CFM, 35" Electric Cabinet Unit Heater.....	3,046.51	148.64
23 82 39 13-0010	EA	For Ceiling Installation of 35" Cabinet Unit Heater, Add	198.58	98.70
23 82 39 13-0011		Electric Cabinet Unit Heaters, 45" Cabinet Length <small>(23 82 39 13-0001)</small>		
23 82 39 13-0012	EA	4 KW, 500 CFM, 45" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,091.30	178.36
23 82 39 13-0013	EA	6 KW, 500 CFM, 45" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,137.13	178.36
23 82 39 13-0014	EA	8 KW, 500 CFM, 45" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,182.94	178.36
23 82 39 13-0015	EA	10 KW, 500 CFM, 45" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,228.77	178.36
23 82 39 13-0016	EA	12 KW, 500 CFM, 45" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,274.58	178.36
23 82 39 13-0017	EA	14 KW, 500 CFM, 45" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,320.41	178.36
23 82 39 13-0018	EA	16 KW, 500 CFM, 45" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,366.22	178.36
23 82 39 13-0019	EA	For Ceiling Installation of 45" Cabinet Unit Heater, Add	237.82	118.91
23 82 39 13-0020		Electric Cabinet Unit Heaters, 58" Cabinet Length <small>(23 82 39 13-0001)</small>		
23 82 39 13-0021	EA	6 KW, 750 CFM, 58" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,881.94	237.82
23 82 39 13-0022	EA	8 KW, 750 CFM, 58" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,927.75	237.82
23 82 39 13-0023	EA	10 KW, 750 CFM, 58" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,973.58	237.82
23 82 39 13-0024	EA	12 KW, 750 CFM, 58" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	4,019.39	237.82
23 82 39 13-0025	EA	14 KW, 750 CFM, 58" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	4,065.22	237.82
23 82 39 13-0026	EA	16 KW, 750 CFM, 58" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	4,111.03	237.82
23 82 39 13-0027	EA	For Ceiling Installation of 58" Cabinet Unit Heater, Add	297.28	148.64
23 82 39 13-0028		Electric Cabinet Unit Heaters, 68" Cabinet Length <small>(23 82 39 13-0001)</small>		
23 82 39 13-0029	EA	6 KW, 750 CFM, 68" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	4,580.94	297.28
23 82 39 13-0030	EA	9 KW, 750 CFM, 68" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	4,649.67	297.28
23 82 39 13-0031	EA	12 KW, 750 CFM, 68" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	4,718.40	297.28
23 82 39 13-0032	EA	15 KW, 750 CFM, 68" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	4,787.12	297.28
23 82 39 13-0033	EA	18 KW, 750 CFM, 68" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	4,855.87	297.28
23 82 39 13-0034	EA	21 KW, 750 CFM, 68" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	4,924.59	297.28
23 82 39 13-0035	EA	24 KW, 750 CFM, 68" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	4,993.32	297.28
23 82 39 13-0036	EA	For Ceiling Installation of 68" Cabinet Unit Heater, Add	397.16	198.58
23 82 39 13-0037		Electric Cabinet Unit Heaters, 78" Cabinet Length <small>(23 82 39 13-0001)</small>		
23 82 39 13-0038	EA	8 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	5,371.57	356.74
23 82 39 13-0039	EA	12 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	5,463.21	356.74
23 82 39 13-0040	EA	16 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	5,554.85	356.74
23 82 39 13-0041	EA	20 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	5,646.49	356.74
23 82 39 13-0042	EA	24 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	5,738.14	356.74
23 82 39 13-0043	EA	28 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	5,829.78	356.74
23 82 39 13-0044	EA	32 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	5,921.42	356.74
23 82 39 13-0045	EA	For Ceiling Installation of 78" Cabinet Unit Heater, Add	475.64	237.82
23 82 39 13-0046		Removal and Reinstallation of Cabinet Unit Heaters <small>(23 82 39 13)</small>		
		Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.		
23 82 39 13-0047	EA	Removal And Reinstallation Of Up To 58" Cabinet Unit Heater, Floor or Wall.....	319.33	
23 82 39 13-0048	EA	Removal And Reinstallation Of >58" Cabinet Unit Heater, Floor or Wall	551.58	
23 82 39 13-0049	EA	Removal And Reinstallation Of Up To 58" Cabinet Unit Heater, Ceiling.....	658.40	
23 82 39 13-0050	EA	Removal And Reinstallation Of >58" Cabinet Unit Heater, Ceiling	890.63	
23 82 39 16		Propeller Unit Heaters <small>(23 82 39)</small>		
23 82 39 16-0001		Hydronic Unit Heaters Using Steam Or Hot Water <small>(23 82 39 16)</small>		
		Note: For use with either steam or heating hot water. Heating output capacities for both are listed.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 82 39 16-0002 Horizontal Hydronic Unit Heaters, Fan Propelled, 115 Volt (23 82 39 16-0001)

23 82 39 16-0003	EA		18 MBH Steam, 13 MBH Hot Water, 395 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	977.78	116.12
23 82 39 16-0004	EA		24 MBH Steam, 17.4 MBH Hot Water, 450 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	979.81	116.12
23 82 39 16-0005	EA		36 MBH Steam, 26.1 MBH Hot Water, 550 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,096.70	116.12
23 82 39 16-0006	EA		48 MBH Steam, 34.8 MBH Hot Water, 750 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,334.48	174.18
23 82 39 16-0007	EA		60 MBH Steam, 43.6 MBH Hot Water, 900 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,394.28	174.18
23 82 39 16-0008	EA		72 MBH Steam, 52.3 MBH Hot Water, 1,100 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,483.33	174.18
23 82 39 16-0009	EA		84 MBH Steam, 61 MBH Hot Water, 2,400 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,774.77	232.24
23 82 39 16-0010	EA		96 MBH Steam, 69.7 MBH Hot Water, 2,400 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,954.18	232.24
23 82 39 16-0011	EA		108 MBH Steam, 78.4 MBH Hot Water, 2,800 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,068.36	232.24
23 82 39 16-0012	EA		120 MBH Steam, 87.1 MBH Hot Water, 2,900 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,160.78	232.24
23 82 39 16-0013	EA		132 MBH Steam, 95.8 MBH Hot Water, 2,000 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,431.85	290.30
23 82 39 16-0014	EA		144 MBH Steam, 104 MBH Hot Water, 2,200 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,463.12	290.30
23 82 39 16-0015	EA		156 MBH Steam, 113 MBH Hot Water, 2,600 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,493.02	290.30
23 82 39 16-0016	EA		180 MBH Steam, 118 MBH Hot Water, 2,200 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,645.77	348.36
23 82 39 16-0017	EA		204 MBH Steam, 148 MBH Hot Water, 2,900 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,879.55	348.36
23 82 39 16-0018	EA		240 MBH Steam, 174 MBH Hot Water, 3,500 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	3,282.64	406.42
23 82 39 16-0019	EA		280 MBH Steam, 209.1 MBH Hot Water, 4,200 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	4,129.42	406.42
23 82 39 16-0020	EA		300 MBH Steam, 230 MBH Hot Water, 5,000 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	4,384.08	464.48
23 82 39 16-0021	EA		360 MBH Steam, 261.3 MBH Hot Water, 5,500 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	5,253.98	464.48
23 82 39 16-0022	EA		Fan Guard For Fan Propelled Steam Unit Heater, Horizontal	265.32	29.03

Note: Required only for unit heaters located within 7' of a working surface.

23 82 39 16-0023 Vertical Hydronic Unit Heaters, Fan Propelled, 115 Volt (23 82 39 16-0001)

23 82 39 16-0024	EA		41.3 MBH Steam, 22.7 MBH Hot Water, 595 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	1,414.68	116.12
23 82 39 16-0025	EA		65.5 MBH Steam, 39.6 MBH Hot Water, 989 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	1,479.24	174.18
23 82 39 16-0026	EA		80.6 MBH Steam, 48.4 MBH Hot Water, 1,200 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	1,596.82	174.18
23 82 39 16-0027	EA		101.8 MBH Steam, 68.3 MBH Hot Water, 1,490 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	1,958.28	232.24
23 82 39 16-0028	EA		124.4 MBH Steam, 83.7 MBH Hot Water, 1,790 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	2,073.79	232.24
23 82 39 16-0029	EA		152 MBH Steam, 105.2 MBH Hot Water, 2,220 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	2,436.45	348.36
23 82 39 16-0030	EA		173 MBH Steam, 118.6 MBH Hot Water, 2,620 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	2,613.15	348.36
23 82 39 16-0031	EA		210.2 MBH Steam, 139.7 MBH Hot Water, 3,200 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	2,761.32	348.36
23 82 39 16-0032	EA		249.8 MBH Steam, 180.1 MBH Hot Water, 4,180 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	3,080.11	406.42
23 82 39 16-0033	EA		283.8 MBH Steam, 205.4 MBH Hot Water, 4,430 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	3,255.46	406.42
23 82 39 16-0034	EA		333.4 MBH Steam, 242.9 MBH Hot Water, 5,210 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	3,610.20	406.42
23 82 39 16-0035	EA		386 MBH Steam, 280.8 MBH Hot Water, 6,140 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	4,165.84	522.53
23 82 39 16-0036	EA		496 MBH Steam, 368.1 MBH Hot Water, 8,020 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	5,345.64	522.53
23 82 39 16-0037	EA		585 MBH Steam, 431.1 MBH Hot Water, 9,450 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	5,707.19	522.53
23 82 39 16-0038	EA		705 MBH Steam, 519.4 MBH Hot Water, 11,000 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	6,500.20	580.59
23 82 39 16-0039	EA		Fan Guard For Fan Propelled Steam Unit Heater, Vertical	365.90	29.03

Note: Required only for unit heaters located within 7' of a working surface.

23 82 39 16-0040 Removal and Reinstallation of Propeller Unit Heaters (23 82 39 16)

Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.

23 82 39 16-0041	EA		Removal And Reinstallation Of Up To 120 MBH Steam, 87.1 MBH Hot Water Hydronic Unit Heater, Horizontal or Vertical	696.71	
23 82 39 16-0042	EA		Removal And Reinstallation Of >120 MBH Steam, 87.1 MBH Hot Water Hydronic Unit Heater, Horizontal or Vertical	928.95	

23 82 39 19 Wall and Ceiling Unit Heaters (23 82 39)

23 82 39 19-0001 Electric Unit Heaters (23 82 39 19)

Note: May be mounted both vertically and horizontally.

23 82 39 19-0002	EA		3 KW, 350 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	849.40	118.91
23 82 39 19-0003	EA		5 KW, 350 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	849.40	118.91
23 82 39 19-0004	EA		7.5 KW, 650 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	1,139.10	148.64
23 82 39 19-0005	EA		10 KW, 650 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	1,306.67	178.36
23 82 39 19-0006	EA		15 KW, 910 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	1,906.08	237.82
23 82 39 19-0007	EA		20 KW, 1,320 CFM Electric Unit Heater, 208, 240/208, 277, or 480 Volt	2,775.33	297.28
23 82 39 19-0008	EA		30 KW, 2,100 CFM Electric Unit Heater, Two speed; 208, 240/208, 277, or 480 Volt	3,829.38	356.74
23 82 39 19-0009	EA		50 KW, 3,000 CFM Electric Unit Heater, Two speed; 208, 240/208, 277, or 480 Volt	5,595.05	416.19
23 82 39 19-0010	EA		3 KW, 350 CFM Electric Unit Heater - 480 Volt	1,048.22	118.91
23 82 39 19-0011	EA		5 KW, 350 CFM Electric Unit Heater - 480 Volt	1,009.41	118.91
23 82 39 19-0012	EA		7.5 KW, 650 CFM Electric Unit Heater - 480 Volt	1,195.92	148.64
23 82 39 19-0013	EA		10 KW, 650 CFM Electric Unit Heater - 480 Volt	1,380.59	178.36
23 82 39 19-0014	EA		15 KW, 910 CFM Electric Unit Heater - 480 Volt	2,053.93	237.82

23 82 39 19-0015 Electric Ceiling and Wall Heaters (23 82 39 19)

Note: The "/" between wattages indicates two or three speed operation. 120, 240/208 or 277 Volt.

23 82 39 19-0016	EA		1,000, 1,500 Or 2,000 Watt Recessed Electric Wall Heater	411.36	74.32
23 82 39 19-0017	EA		1,500/750 Or 2,000/1,000 Watt Recessed Electric Wall Heater	481.85	83.24
23 82 39 19-0018	EA		3,000, 3,600, 4,000 Or 4,800 Watt Recessed Electric Wall Heater	760.48	83.24
23 82 39 19-0019	EA		1,000, 1,500 Or 2,000 Watt Surface Mounted Electric Wall Heater	468.59	74.32
23 82 39 19-0020	EA		1,500/750 Or 2,000/1,000 Watt Surface Mounted Electric Wall Heater	572.16	83.24
23 82 39 19-0021	EA		3,000, 3,600, 4,000 Or 4,800 Watt Surface Mounted Electric Wall Heater	866.57	83.24
23 82 39 19-0022	EA		1,000, 1,500 Or 2,000/1,500 Watt Recessed Electric Ceiling Heater	616.21	98.10
23 82 39 19-0023	EA		3,000, 4,000 Or 4,000/3,000 Watt Recessed Electric Ceiling Heater	1,160.22	104.04
23 82 39 19-0024	EA		4,800/3,600 Watt Recessed Electric Ceiling Heater	1,307.47	104.04
23 82 39 19-0025	EA		4,000/3,000/2,000 Watt Recessed Or Surface Mounted Electric Ceiling Heater	1,519.26	110.00
23 82 39 19-0026	EA		5,000/3,800/2,500 Watt Recessed Or Surface Mounted Electric Ceiling Heater	1,648.55	110.00

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 82 Convection Heating and Cooling Units**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 82 39 19-0027	EA	1,000, 1,500 Or 2,000/1,500 Watt Surface Mounted Electric Ceiling Heater	692.70	98.10
23 82 39 19-0028	EA	3,000, 4,000 Or 4,000/3,000 Watt Surface Mounted Electric Ceiling Heater	1,280.70	104.04
23 82 39 19-0029	EA	4,800/3,600 Watt Surface Mounted Electric Ceiling Heater	1,427.95	104.04
23 82 39 19-0030	EA	Selectable Wattage (500 Or 750 Or 1000 Or 1,250 Or 1,500 Or 1,750 Or 2,250 Watt), 240 Volt, Surface Mounted, Electric Wall Heater (Markel Series 305 - Model H3052T2DWB)	632.49	74.32

23 82 39 19-0031 Removal And Reinstallation Of Electric Unit Heaters (23 82 39 19)

Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.

23 82 39 19-0032	EA	Removal And Reinstallation Of Up To 15KW Electric Unit Heater	418.05	
23 82 39 19-0033	EA	Removal And Reinstallation Of >15 KW Electric Unit Heater	859.38	

23 83 Radiant Heating Units (23 80)**23 83 13 Radiant-Heating Electric Cables (23 83)****23 83 13 13 Radiant-Heating Electric Cables (23 83 13)****23 83 13 13-0001 Self Regulating Heating Cable (23 83 13 13)**

23 83 13 13-0002	LF	3 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable	8.93	0.80
Note: Tinned copper braid, at 50 Degrees F.				
23 83 13 13-0003	LF	5 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable	9.53	0.80
Note: Tinned copper braid, at 50 degrees F.				
23 83 13 13-0004	LF	8 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable	9.95	0.80
Note: Tinned copper braid, at 50 degrees F.				
23 83 13 13-0005	LF	3 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable	8.93	0.80
Note: Tinned copper braid, at 50 degrees F.				
23 83 13 13-0006	LF	5 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable	10.55	0.80
Note: Tinned copper braid, at 50 degrees F				
23 83 13 13-0007	LF	8 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable	11.15	0.80
Note: Tinned copper braid, at 50 degrees F.				
23 83 13 13-0008	LF	3 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions	11.14	0.80
Note: Tinned copper braid, at 50 Degrees F.				
23 83 13 13-0009	LF	5 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions	11.41	0.80
Note: Tinned copper braid, at 50 degrees F.				
23 83 13 13-0010	LF	8 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions	11.69	0.80
Note: Tinned copper braid, at 50 degrees F.				
23 83 13 13-0011	LF	3 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions	11.14	0.80
Note: Tinned copper braid, at 50 degrees F.				
23 83 13 13-0012	LF	5 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions	11.41	0.80
Note: Tinned copper braid, at 50 degrees F				
23 83 13 13-0013	LF	8 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions	11.69	0.80
Note: Tinned copper braid, at 50 degrees F.				
23 83 13 13-0014	LF	3 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments	13.91	0.80
Note: Tinned copper braid, at 50 Degrees F.				
23 83 13 13-0015	LF	5 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments	14.47	0.80
Note: Tinned copper braid, at 50 degrees F.				
23 83 13 13-0016	LF	8 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments	14.74	0.80
Note: Tinned copper braid, at 50 degrees F.				
23 83 13 13-0017	LF	3 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments	13.91	0.80
Note: Tinned copper braid, at 50 degrees F.				
23 83 13 13-0018	LF	5 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments	14.47	0.80
Note: Tinned copper braid, at 50 degrees F				
23 83 13 13-0019	LF	8 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments	14.74	0.80
Note: Tinned copper braid, at 50 degrees F.				
23 83 13 13-0020	EA	Power Connection Kit With Pre-set Thermostat For Self Regulating Low Temperature Heating Cable	309.68	62.96
23 83 13 13-0021	EA	Splice And Tee Kit For Self Regulating Low Temperature Heating Cable	309.68	62.96
23 83 13 13-0022	EA	End Seal Kit For Self Regulating Low Temperature Heating Cable	206.66	11.45
23 83 13 13-0023	EA	Ambient Air Sensing Thermostat For Self Regulating Low Temperature Heating Cable	560.45	28.62
23 83 13 13-0024	EA	Mechanical Or Electrical Line Sensing Thermostat For Self Regulating Low Temperature Heating Cable	617.62	28.62

23 84 Humidity Control Equipment (23 80)**23 84 13 Humidifiers (23 84)****23 84 13 16 Wetted-Element Humidifiers (23 84 13)****23 84 13 16-0001 Electric Steam Humidifiers, Self-Steam Producing (23 84 13 16)**

Note: Electronic modulating duct or air handling unit installation 208V-108V with 12"-72" manifolds included.

23 84 13 16-0002	EA	1-96 LB/Hour Electric Steam Humidifier, Self-Steam Producing With 12-72" Manifold	12,539.62	478.41
23 84 13 16-0003	EA	20-168 LB/Hour Electric Steam Humidifier, Self-Steam Producing With 12-72" Manifold	15,902.23	479.57

23 84 13 23 Direct-Steam-Injection Humidifiers (23 84 13)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 84 13 23-001			Steam Type Pneumatically Controlled <small>(23 84 13 23)</small> Note: For duct or air handling installation standard unit with integral operator distribution manifold strainer trap and pneumatic modulating valve. Excludes humidistat and piping.		
23 84 13 23-0002	EA		3-191 LB/Hour Steam Humidifier, 24" Manifold, Pneumatic Controls	2,020.60	306.55
			<i>For Electrically Controlled Unit, Add</i>	700.00	
			<i>For Each Additional Manifold, Add</i>	621.66	
23 84 13 23-0003	EA		3-191 LB/Hour Steam Humidifier, 48" Manifold, Pneumatic Controls	2,020.60	306.55
			<i>For Electrically Controlled Unit, Add</i>	700.00	
			<i>For Each Additional Manifold, Add</i>	621.66	
23 84 13 23-0004	EA		65-334 LB/Hour Steam Humidifier, 36" Manifold, Pneumatic Controls	2,905.31	306.55
			<i>For Electrically Controlled Unit, Add</i>	700.00	
			<i>For Each Additional Manifold, Add</i>	887.08	
23 84 13 23-0005	EA		65-334 LB/Hour Steam Humidifier, 72" Manifold, Pneumatic Controls	3,021.42	383.19
			<i>For Electrically Controlled Unit, Add</i>	700.00	
			<i>For Each Additional Manifold, Add</i>	925.78	
23 84 13 23-0006	EA		100-690 LB/Hour Steam Humidifier, 48" Manifold, Pneumatic Controls	4,360.01	306.55
			<i>For Electrically Controlled Unit, Add</i>	700.00	
			<i>For Each Additional Manifold, Add</i>	1,323.49	
23 84 13 23-0007	EA		100-690 LB/Hour Steam Humidifier, 84" Manifold, Pneumatic Controls	4,476.12	383.19
			<i>For Electrically Controlled Unit, Add</i>	700.00	
			<i>For Each Additional Manifold, Add</i>	1,362.19	
23 84 13 23-0008	EA		220-2,000 LB/Hour Steam Humidifier, 72" Manifold, Pneumatic Controls	6,749.10	383.19
			<i>For Electrically Controlled Unit, Add</i>	700.00	
			<i>For Each Additional Manifold, Add</i>	2,044.08	
23 84 13 23-0009	EA		220-2,000 LB/Hour Steam Humidifier, 144" Manifold, Pneumatic Controls	6,894.25	479.57
			<i>For Electrically Controlled Unit, Add</i>	700.00	
			<i>For Each Additional Manifold, Add</i>	2,092.47	

23 84 13 29 Self-Contained Steam Humidifiers (23 84 13)

23 84 13 29-001			Residential Humidifiers <small>(23 84 13 29)</small> Note: Includes solenoid valve and flow through water supply.		
23 84 13 29-0002	EA		Duct Or Furnace Mounted Humidifier, Residential Type.....	581.93	58.06

23 84 16 Mechanical Dehumidification Units (23 84)
23 84 16 16 Indoor, Mechanical Dehumidification Units (23 84 16)

23 84 16 16-001			Mechanical Dehumidification Units <small>(23 84 16 16)</small> Note: Sized by moisture removal per 24 hours.		
23 84 16 16-0002	EA		65 Pint Per Day, 160 CFM, 8" Duct Connection, Refrigerant Dehumidifier	2,227.56	59.45
23 84 16 16-0003	EA		90 Pint Per Day, 235 CFM, 10"/6" Duct Connection, Refrigerant Dehumidifier	2,803.48	69.36
23 84 16 16-0004	EA		120 Pint Per Day, 350 CFM, 10"/6" Duct Connection, Refrigerant Dehumidifier	3,760.14	79.28

23 84 16 33 Portable Dehumidifiers (23 84 16)

23 84 16 33-001			Self Contained Free Standing Unit <small>(23 84 16 33)</small> Note: Sized by moisture removal per 24 hours.		
23 84 16 33-0002	EA		30 Pint/24 Hour Dehumidifier.....	502.88	128.68
23 84 16 33-0003	EA		50 Pint/24 Hour Dehumidifier.....	606.10	128.68
23 84 16 33-0004	EA		70 Pint/24 Hour Dehumidifier.....	668.03	128.68

END OF SECTION 23

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment**

23 84 Humidity Control Equipment

MINOR
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UNIT COST UNIT COST**THIS PAGE INTENTIONALLY LEFT BLANK**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 Electrical

Note: Termination costs are included with all electrical equipment, panel boards, fixtures and devices. Terminations are not included with patch panels. Electrical equipment and lighting shall conform to California Title 24.

26 01 Operation and Maintenance of Electrical Systems ⁽²⁶⁾

26 01 10 Operation and Maintenance of Medium-Voltage Electrical Distribution ^(26 01)

26 01 10 91 Medium-Voltage Electrical Distribution Restoration ^(26 01 10)

26 01 10 91-0001	Retrofit Distribution Enclosures ^(26 01 10 91)		
	Note: Includes removal of equipment housing, punch or drill hole for window, touch-up area, and reinstallation of equipment housing.		
26 01 10 91-0002	EA 2" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-2C)	523.83	
	Note: 2mm thick, aluminum frame, hinged cover.		
	For Up To 20, Add	113.34	
	For >20 To 50, Add	90.67	
	For >50 To 100, Add	45.34	
26 01 10 91-0003	EA 3" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-3C)	686.33	
	Note: 2mm thick, aluminum frame, hinged cover.		
	For Up To 20, Add	153.97	
	For >20 To 50, Add	123.17	
	For >50 To 100, Add	61.59	
26 01 10 91-0004	EA 4" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-4C)	1,043.82	
	Note: 4mm thick, aluminum frame, hinged cover.		
	For Up To 20, Add	243.34	
	For >20 To 50, Add	194.67	
	For >50 To 100, Add	97.34	
26 01 10 91-0005	EA 3" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 1 Rated (Fluke CLKTO)	519.20	
	Note: 2mm thick, aluminum frame, twist cover.		
	For Up To 20, Add	112.18	
	For >20 To 50, Add	89.75	
	For >50 To 100, Add	44.87	
26 01 10 91-0006	EA 2" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-2)	522.06	
	Note: 2mm thick, aluminum frame, twist cover.		
	For Up To 20, Add	112.90	
	For >20 To 50, Add	90.32	
	For >50 To 100, Add	45.16	
26 01 10 91-0007	EA 3" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-3)	673.10	
	Note: 2mm thick, aluminum frame, twist cover.		
	For Up To 20, Add	150.66	
	For >20 To 50, Add	120.53	
	For >50 To 100, Add	60.26	
26 01 10 91-0008	EA 4" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-4)	1,014.44	
	Note: 4mm thick, aluminum frame, twist cover.		
	For Up To 20, Add	235.99	
	For >20 To 50, Add	188.79	
	For >50 To 100, Add	94.40	
26 01 10 91-0009	EA 2" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VVPR)	406.84	
	Note: 0.25mm thick, composite frame, metal grille reinforced polymer.		
	For Up To 20, Add	84.09	
	For >20 To 50, Add	67.27	
	For >50 To 100, Add	33.64	
26 01 10 91-0010	EA 3" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VVPR)	582.33	
	Note: 0.25mm thick, composite frame, metal grille reinforced polymer.		
	For Up To 20, Add	127.97	
	For >20 To 50, Add	102.37	
	For >50 To 100, Add	51.19	
26 01 10 91-0011	EA 4" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VVPR)	838.26	
	Note: 0.25mm thick, composite frame, metal grille reinforced polymer.		
	For Up To 20, Add	191.95	
	For >20 To 50, Add	153.56	
	For >50 To 100, Add	76.78	
26 01 10 91-0012	EA 2" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR)	762.33	
	Note: 4mm thick, aluminum frame, magnetic cover.		
	For Up To 20, Add	172.97	
	For >20 To 50, Add	138.37	
	For >50 To 100, Add	69.19	
26 01 10 91-0013	EA 3" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR)	1,055.94	
	Note: 4mm thick, aluminum frame, magnetic cover.		
	For Up To 20, Add	246.37	
	For >20 To 50, Add	197.09	
	For >50 To 100, Add	98.55	
26 01 10 91-0014	EA 4" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR)	1,952.73	
	Note: 4mm thick, aluminum frame, magnetic cover.		
	For Up To 20, Add	470.57	
	For >20 To 50, Add	376.45	
	For >50 To 100, Add	188.23	

26 Electrical**26 01 Operation and Maintenance of Electrical Systems****26 01 10 Operation and Maintenance of Medium-Voltage Electrical Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 01 10 91-0015	EA	3" Infrared Window Installed In Medium Voltage Equipment, Shortwave, NEMA Type 4 Rated (Schneider Electric IRHVIR)	879.03
		Note: 4mm thick, aluminum frame, magnetic cover.	
		For Up To 20, Add	202.14
		For >20 To 50, Add	161.71
		For >50 To 100, Add	80.86
26 01 10 91-0016	EA	4" Infrared Window Installed In Medium Voltage Equipment, Shortwave, NEMA Type 4 Rated (Schneider Electric IRHVIR)	1,304.17
		Note: 4mm thick, aluminum frame, magnetic cover.	
		For Up To 20, Add	308.43
		For >20 To 50, Add	246.74
		For >50 To 100, Add	123.37

26 01 20 Operation and Maintenance of Low-Voltage Electrical Distribution (26 01)
26 01 20 91 Low-Voltage Electrical Distribution Restoration (26 01 20)
26 01 20 91-0001 Lock Out/Tag Out Devices (26 01 20 91)

Note: Includes following OSHA procedures and completing Owner's paperwork. Excludes circuit tracing.

26 01 20 91-0002	EA	Lock Out/Tag Out Local Disconnect	41.21
		Note: Excludes tag or padlock See CSI section 26 01 20 91-0004 for padlock, 26 01 20 91-0005 for tag(s).	
26 01 20 91-0003	EA	Lock Out/Tag Out Breaker Or Motor Starter	41.21
		Note: Excludes tag or padlock See CSI section 26 01 20 91-0004 for padlock, 26 01 20 91-0005 for tag(s).	
26 01 20 91-0004	EA	Lock Out Padlock Device	11.45
		Note: Includes the installation and removal of pad lock when required	
26 01 20 91-0005	EA	Lock Out Tags	4.66
		Note: Includes filling out tag information, installation and removal of identifying tags.	

26 01 20 91-0006 Existing Circuit Tracing (26 01 20 91)

26 01 20 91-0007	EA	Motors, Disconnects And Other Single Source Devices, Existing Circuit Tracing Per Device	23.81
26 01 20 91-0008	EA	Lighting, Existing Circuit Tracing Per Circuit	23.81

26 01 30 Operation and Maintenance of Facility Electrical Power Generating and Storing Equipment (26 01)
26 01 30 91 Facility Electrical Power Generating and Storing Equipment Restoration (26 01)
26 01 30 91-0001 Emergency Generator Permits (26 01 30 91)
26 01 30 91-0002 Air Pollution Control Board (26 01 30 91-0001)

26 01 30 91-0003	EA	APCD Permit To Construct And Operate Emergency Generator	4,719.83
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26 01 50 Operation and Maintenance of Lighting (26 01)
26 01 50 51 Luminaire Relamping (26 01 50)
26 01 50 51-0001 Replace Lamps In Existing Fixtures (26 01 50 51)

Note: Includes removal of existing lamp from fixture and installation of new lamp. Excludes disposal of hazardous lamps. See CSI section 26 01 50 51-0370 for disposal of hazardous lamps.

26 01 50 51-0002 Halogen Lamps (26 01 50 51-0001)

26 01 50 51-0003	EA	300 Watt, T3, Tungsten Halogen Lamp	49.87
26 01 50 51-0004	EA	500 Watt, T3, Tungsten Halogen Lamp	64.26
26 01 50 51-0005	EA	1,000 Watt, T3, Tungsten Halogen Lamp	95.87
26 01 50 51-0006	EA	90 Watt, PAR38, Halogen Lamp	23.38
26 01 50 51-0007	EA	100 Watt, PAR38, Halogen Lamp	23.38
26 01 50 51-0008	EA	60 Watt, PAR38, Halogen IR Reflective Lamp	36.00
26 01 50 51-0009	EA	67 Watt, PAR38, Halogen IR Reflective Lamp	39.66
26 01 50 51-0010	EA	70 Watt, PAR38, Halogen IR Reflective Lamp	38.71
26 01 50 51-0011	EA	90 Watt, PAR38, Halogen IR Reflective Lamp	41.51
26 01 50 51-0012	EA	100 Watt, PAR38, Halogen IR Reflective Lamp	42.10
26 01 50 51-0013	EA	12 Watt, 10 Degree Beam, Base B01, Halogen Lamp (Soraa MR16-65-B01-12-830-10)	20.75
26 01 50 51-0014	EA	12 Watt, 20 Degree Beam, Base B01, Halogen Lamp (Soraa MR16-75-B01-12-830-20)	20.75
26 01 50 51-0015	EA	12 Watt, 25 Degree Beam, Base B01, Halogen Lamp (Soraa MR16-75-B01-12-830-25)	22.66
26 01 50 51-0016	EA	12 Watt, 36 Degree Beam, Base B01, Halogen Lamp (Soraa MR16-75-B01-12-830-36)	22.66

26 01 50 51-0017 Incandescent Lamps (26 01 50 51-0001)

26 01 50 51-0018	EA	100 Watt, Frosted, Interior Incandescent Lamp	6.53
		For Multiple Lamps In Fixture, Deduct	-1.89
26 01 50 51-0019	EA	150 Watt, Frosted, Interior Incandescent Lamp	8.15
		For Multiple Lamps In Fixture, Deduct	-1.89
26 01 50 51-0020	EA	200 Watt, Frosted, Interior Incandescent Lamp	9.97
		For Multiple Lamps In Fixture, Deduct	-1.89
26 01 50 51-0021	EA	300 Watt, PS25, Interior Incandescent Lamp	12.27
		For Multiple Lamps In Fixture, Deduct	-1.89
26 01 50 51-0022	EA	60 Watt, G25, Clear, Interior Incandescent Lamp	9.17
		For Multiple Lamps In Fixture, Deduct	-1.89
26 01 50 51-0023	EA	75 Watt, R20, Interior Incandescent Lamp	14.57
		For Multiple Lamps In Fixture, Deduct	-2.27

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 01 50 51-0024	EA		75 Watt, PAR38, Exterior Incandescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	17.78 -2.27	
	26 01 50 51-0025	EA		100 Watt, PAR38, Exterior Incandescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	16.50 -2.27	
	26 01 50 51-0026	EA		150 Watt, PAR38, Exterior Incandescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	28.69 -2.27	
	26 01 50 51-0027	EA		250 Watt, PAR38, Exterior Incandescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	59.36 -2.65	
	26 01 50 51-0028	EA		300 Watt, PAR56, Exterior Incandescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	68.30 -2.65	
	26 01 50 51-0029			Exit Light Lamps <small>(26 01 50 51-0001)</small>		
	26 01 50 51-0030	EA		Convert Exit Light Lamps To Red LED Lamps <i>For Green LED Lamps, Add</i>	109.11 25.00	
	26 01 50 51-0031	EA		Fluorescent Lamp For Exit Light <i>For Multiple Lamps In Fixture, Deduct</i>	31.02 -7.58	
	26 01 50 51-0032	EA		Lamp Replacement For Emergency Lights On Exit Sign <i>For Multiple Lamps In Fixture, Deduct</i>	40.66 -3.79	
	26 01 50 51-0033			Fluorescent Lamps <small>(26 01 50 51-0001)</small>		
	26 01 50 51-0034	EA		18", 15 Watt, T8 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	12.13 -3.03	
	26 01 50 51-0035	EA		2", 17 Watt, T8 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	14.68 -3.03	
	26 01 50 51-0036	EA		3", 25 Watt, T8 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	16.88 -3.41	
	26 01 50 51-0037	EA		4", 32 Watt, T8 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	17.43 -3.41	
	26 01 50 51-0038	EA		4", 30 Watt, T8 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	21.28 -3.41	
	26 01 50 51-0039	EA		4", 28 Watt, T8 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	18.60 -3.41	
	26 01 50 51-0040	EA		4", 25 Watt, T8 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	18.49 -3.41	
	26 01 50 51-0041	EA		4", 44 Watt, T8HO Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	30.03 -3.41	
	26 01 50 51-0042	EA		8", 59 Watt, T8 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	22.78 -3.41	
	26 01 50 51-0043	EA		18", 15 Watt, T12 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	18.56 -3.03	
	26 01 50 51-0044	EA		2", 20 Watt, T12 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	13.95 -3.03	
	26 01 50 51-0045	EA		3", 30 Watt, T12 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	15.67 -3.41	
	26 01 50 51-0046	EA		4", 34 Watt, T12 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	15.75 -3.41	
	26 01 50 51-0047	EA		4", 40 Watt, T12 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	15.42 -3.41	
	26 01 50 51-0048	EA		8", 60 Watt, T12 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	23.37 -3.41	
	26 01 50 51-0049	EA		8", 75 Watt, T12 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	19.67 -3.41	
	26 01 50 51-0050	EA		8", 95 Watt, Instant Start T12 Fluorescent Lamp.....	36.26	
	26 01 50 51-0051	EA		6" Diameter, 20 Watt, Circular T9 Fluorescent Lamp..... <i>For Multiple Lamps In Fixture, Deduct</i>	18.79 -3.03	
	26 01 50 51-0052	EA		8" Diameter, 22 Watt, Circular T9 Fluorescent Lamp..... <i>For Multiple Lamps In Fixture, Deduct</i>	15.38 -3.03	
	26 01 50 51-0053	EA		12" Diameter, 32 Watt, Circular T9 Fluorescent Lamp..... <i>For Multiple Lamps In Fixture, Deduct</i>	14.85 -3.03	
	26 01 50 51-0054	EA		16" Diameter, 40 Watt, Circular T9 Fluorescent Lamp..... <i>For Multiple Lamps In Fixture, Deduct</i>	16.48 -3.03	
	26 01 50 51-0055	EA		6", 4 Watt, T5 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	13.51 -3.03	
	26 01 50 51-0056	EA		9", 6 Watt, T5 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	13.28 -3.03	
	26 01 50 51-0057	EA		12", 8 Watt, T5 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	13.72 -3.03	
	26 01 50 51-0058	EA		21", 13 Watt, T5 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	14.37 -3.03	
	26 01 50 51-0059	EA		24", 14 Watt, T5 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	16.63 -3.03	
	26 01 50 51-0060	EA		34", 21 Watt, T5 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	18.07 -3.41	
	26 01 50 51-0061	EA		46", 28 Watt, T5 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	17.49 -3.41	
	26 01 50 51-0062	EA		46", 54 Watt, T5HO Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	19.18 -3.41	
	26 01 50 51-0063	EA		46", 54 Watt T5 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	16.70 -3.79	
	26 01 50 51-0064	EA		32 Watt, Rapid Start, U-Shaped T8 Fluorescent Lamp..... <i>For Multiple Lamps In Fixture, Deduct</i>	27.43 -3.79	
	26 01 50 51-0065	EA		40 Watt, Rapid Start, U-Shaped T12 Fluorescent Lamp..... <i>For Multiple Lamps In Fixture, Deduct</i>	26.42 -3.79	
	26 01 50 51-0066	EA		27-55 Watt, 4-Pin Compact Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	24.85 -1.89	
	26 01 50 51-0067	EA		5-13 Watt, 2-Pin Compact Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	10.76 -1.89	

26 Electrical
26 01 Operation and Maintenance of Electrical Systems
26 01 50 Operation and Maintenance of Lighting

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 01 50 51-0068	EA	9-26 Watt, 4-Pin Compact Fluorescent Lamp	11.94	
		<i>For Multiple Lamps In Fixture, Deduct</i>	-1.89	
26 01 50 51-0069	EA	Compact Fluorescent 13 Watt, 4-Pin Lamps CF13DD/E/827, Dulux	32.32	
26 01 50 51-0070	EA	Compact Fluorescent 18 Watt, 4-Pin Lamps CF18DD/E/827, Dulux	32.32	
26 01 50 51-0071	EA	32 Watt 2D (DoubleD) Fluorescent Lamp	61.52	
26 01 50 51-0072	EA	26 Watt (1,600 Lumens) 4-pin Quad Tube PL Lamp	22.11	
26 01 50 51-0073	EA	<9 Watt, Screw-In, Spiral Compact Fluorescent Lamps	11.73	
26 01 50 51-0074	EA	9 To 27 Watt, Screw-In, Spiral Compact Fluorescent Lamps	10.00	
26 01 50 51-0075	EA	29 To 32 Watt, Screw-In, Spiral Compact Fluorescent Lamps	10.54	
26 01 50 51-0076	EA	33 To 42 Watt, Screw-In, Spiral Compact Fluorescent Lamps	46.36	
26 01 50 51-0077	EA	43 To 65 Watt, Screw-In, Spiral Compact Fluorescent Lamps	50.66	
26 01 50 51-0078	EA	85 Watt, Screw-In, Spiral Compact Fluorescent Lamps	97.34	
26 01 50 51-0079	EA	105 Watt, Screw-In, Spiral Compact Fluorescent Lamps	116.79	
26 01 50 51-0080	EA	200 Watt, Screw-In, Spiral Compact Fluorescent Lamps	120.74	
26 01 50 51-0081	EA	11 Watt, Screw-In, Compact Fluorescent Reflector Lamps	43.00	
26 01 50 51-0082	EA	15 Watt, Screw-In, Compact Fluorescent Reflector Lamps	44.90	
26 01 50 51-0083	EA	20 To 28 Watt, Screw-In, Compact Fluorescent Reflector Lamps	52.03	
26 01 50 51-0084		Metal Halide Lamps <small>(26 01 50 51-0001)</small>		
26 01 50 51-0085	EA	50 Watt, Pulse Start Metal Halide Lamp	47.43	
26 01 50 51-0086	EA	70 Watt, Pulse Start Metal Halide Lamp	45.34	
26 01 50 51-0087	EA	100 Watt, Pulse Start Metal Halide Lamp	51.94	
26 01 50 51-0088	EA	150 Watt, Pulse Start Metal Halide Lamp	50.44	
26 01 50 51-0089	EA	175 Watt, Pulse Start Metal Halide Lamp	50.01	
26 01 50 51-0090	EA	250 Watt, Pulse Start Metal Halide Lamp	50.31	
26 01 50 51-0091	EA	400 Watt, Pulse Start Metal Halide Lamp	60.83	
26 01 50 51-0092	EA	1,000 Watt, Pulse Start Metal Halide Lamp	70.92	
26 01 50 51-0093	EA	1,500 Watt, Pulse Start Metal Halide Lamp	70.50	
26 01 50 51-0094		High Pressure Sodium Lamps <small>(26 01 50 51-0001)</small>		
26 01 50 51-0095	EA	35 Watt, High Pressure Sodium Lamp	38.92	
		<i>For Enclosed And Gasket Light Fixtures, Add</i>	2.91	
26 01 50 51-0096	EA	50 Watt, High Pressure Sodium Lamp	38.92	
		<i>For Enclosed And Gasket Light Fixtures, Add</i>	2.91	
26 01 50 51-0097	EA	70 Watt, High Pressure Sodium Lamp	39.82	
		<i>For Enclosed And Gasket Light Fixtures, Add</i>	2.91	
26 01 50 51-0098	EA	100 Watt, High Pressure Sodium Lamp	41.54	
		<i>For Enclosed And Gasket Light Fixtures, Add</i>	2.91	
26 01 50 51-0099	EA	150 Watt, High Pressure Sodium Lamp	39.82	
		<i>For Enclosed And Gasket Light Fixtures, Add</i>	2.91	
26 01 50 51-0100	EA	250 Watt, High Pressure Sodium Lamp	39.82	
		<i>For Enclosed And Gasket Light Fixtures, Add</i>	2.91	
26 01 50 51-0101	EA	400 Watt, High Pressure Sodium Lamp	37.27	
		<i>For Enclosed And Gasket Light Fixtures, Add</i>	2.91	
26 01 50 51-0102	EA	1,000 Watt, High Pressure Sodium Lamp	87.83	
26 01 50 51-0103		Low Pressure Sodium Lamps <small>(26 01 50 51-0001)</small>		
26 01 50 51-0104	EA	35 Watt, Low Pressure Sodium Lamp	100.90	
26 01 50 51-0105	EA	55 Watt, Low Pressure Sodium Lamp	112.74	
26 01 50 51-0106	EA	70 Watt, Low Pressure Sodium Lamp	115.40	
26 01 50 51-0107	EA	90 Watt, Low Pressure Sodium Lamp	118.07	
26 01 50 51-0108	EA	135 Watt, Low Pressure Sodium Lamp	128.73	
26 01 50 51-0109	EA	180 Watt, Low Pressure Sodium Lamp	176.72	
26 01 50 51-0110		LED Lamps <small>(26 01 50 51-0001)</small>		
26 01 50 51-0111		LED Lamps, Candelabra Base, CA10 <small>(26 01 50 51-0110)</small>		
26 01 50 51-0112	EA	3 Watt (25 Watt Incandescent Equivalent), Candelabra Base, CA10, Dimmable LED Lamp (Energy Star)	16.84	
26 01 50 51-0113		LED Lamps, Medium Base, A19 Or A21 <small>(26 01 50 51-0110)</small>		
26 01 50 51-0114	EA	6 Watt (40 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star)	22.78	
26 01 50 51-0115	EA	11 Watt (60 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star)	22.78	
26 01 50 51-0116	EA	14 Watt (75 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star)	38.73	
26 01 50 51-0117	EA	17 Watt (75 Watt Incandescent Equivalent), Medium Base, A21, Dimmable LED Lamp (Energy Star)	26.81	
26 01 50 51-0118	EA	18 Watt (100 Watt Incandescent Equivalent), Medium Base, A21, Dimmable LED Lamp (Energy Star)	48.70	
26 01 50 51-0119		LED Lamps, Medium Base, BR30 Or BR40 <small>(26 01 50 51-0110)</small>		
26 01 50 51-0120	EA	9.5 Watt (65 Watt Incandescent Equivalent), Medium Base, BR30, Dimmable LED Lamp (Energy Star)	30.63	
26 01 50 51-0121	EA	14 Watt (85 Watt Incandescent Equivalent), Medium Base, BR30, Dimmable LED Lamp (Energy Star)	27.26	
26 01 50 51-0122	EA	11 Watt (65 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	36.21	
26 01 50 51-0123	EA	14.5 Watt (75 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	30.25	
26 01 50 51-0124	EA	14 Watt (85 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	40.20	
26 01 50 51-0125	EA	18 Watt (90 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	30.25	
26 01 50 51-0126		LED Lamps, Medium Base, PAR <small>(26 01 50 51-0110)</small>		
26 01 50 51-0127	EA	7 Watt (45 Watt Halogen Equivalent), Medium Base, PAR20, Dimmable LED Lamp (Energy Star)	33.82	
26 01 50 51-0128	EA	12 Watt (60 Watt Halogen Equivalent), Medium Base, Short Neck Par30, Dimmable LED Lamp (Energy Star)	46.20	
26 01 50 51-0129	EA	16.3 Watt (65 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star)	46.20	

	MINOR	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 01 50 51-0130	EA	15.6 Watt (70 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star).....	44.20	
26 01 50 51-0131	EA	12 Watt (50 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star).....	42.21	
26 01 50 51-0132	EA	15 Watt (75 Watt Halogen Equivalent), Medium Base, Long Neck PAR30, Dimmable LED Lamp (Energy Star).....	42.21	
26 01 50 51-0133	EA	18 Watt (90 Watt Halogen Equivalent), Medium Base, Long Neck PAR30, Dimmable LED Lamp (Energy Star).....	82.48	
26 01 50 51-0134	EA	15 Watt (75 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star).....	46.20	
26 01 50 51-0135	EA	18 Watt (90 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star).....	44.20	
26 01 50 51-0136	EA	19 Watt (120 Watt Halogen Equivalent), Medium Base, Par38, Dimmable LED Lamp (Energy Star).....	46.20	
26 01 50 51-0137	EA	24 Watt (120 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star).....	46.20	

26 01 50 51-0138 LED Lamps, GU Base, MR16 (26 01 50 51-0110)

26 01 50 51-0139	EA	4 Watt (20 Watt Halogen Equivalent), GU5.3 Base, MR16, LED Lamp (Energy Star).....	23.27	
26 01 50 51-0140	EA	6 Watt (30 Watt Halogen Equivalent), GU10 Base, MR16, Dimmable LED Lamp (Energy Star).....	30.63	
26 01 50 51-0141	EA	8 Watt (50 Watt Halogen Equivalent), GU5.3 Base, MR16, Dimmable LED Lamp (Energy Star).....	33.82	

26 01 50 51-0142 LED Lamps, PL Series (26 01 50 51-0110)

26 01 50 51-0143	EA	3.5 Watt, 2-Pin CFL G23 Base , Hybrid Lamp (GreenCreative PLS 3.5 HYB G23).....	15.21	
26 01 50 51-0144	EA	26 Watt, 2700K CCT, PL EDGE DiRect Series (Green Creative 9.5PLH/827/DIR).....	20.28	
26 01 50 51-0145	EA	26 Watt, 3000K CCT, PL EDGE DiRect Series (Green Creative 9.5PLH/830/DIR).....	17.43	
26 01 50 51-0146	EA	26 Watt, 3500K CCT, PL EDGE DiRect Series (Green Creative 9.5PLH/835/DIR).....	19.21	
26 01 50 51-0147	EA	26 Watt, 4000K CCT, PL EDGE DiRect Series (Green Creative 9.5PLH/840/DIR).....	19.21	
26 01 50 51-0148	EA	26 Watt, 3000K CCT, High CRI, PL EDGE DiRect Series (Green Creative 10.5PLH/930/DIR).....	22.42	
26 01 50 51-0149	EA	13-18 Watt, 2700K CCT, PL EDGE DiRect Series (Green Creative 5.5PLH/827/DIR).....	19.21	
26 01 50 51-0150	EA	13-18 Watt, 3000K CCT, PL EDGE DiRect Series (Green Creative 5.5PLH/830/DIR).....	19.21	
26 01 50 51-0151	EA	13-18 Watt, 3500K CCT, PL EDGE DiRect Series (Green Creative 5.5PLH/835/DIR).....	19.21	
26 01 50 51-0152	EA	13-18 Watt, 4000K CCT, PL EDGE DiRect Series (Green Creative 5.5PLH/840/DIR).....	19.21	
26 01 50 51-0153	EA	26 Watt, 2700K CCT, PL EDGE DiRect Series (Green Creative 10PLV/827/DIR).....	21.35	
26 01 50 51-0154	EA	26 Watt, 3000K CCT, PL EDGE DiRect Series (Green Creative 10PLV/830/DIR).....	21.35	
26 01 50 51-0155	EA	26 Watt, 3500K CCT, PL EDGE DiRect Series (Green Creative 10PLV/835/DIR).....	21.35	
26 01 50 51-0156	EA	26 Watt, 4000K CCT, PL EDGE DiRect Series (Green Creative 10PLV/840/DIR).....	21.35	
26 01 50 51-0157	EA	26 Watt, 3000K CCT, High CRI, PL EDGE DiRect Series (Green Creative 11PLV/930/DIR).....	20.28	
26 01 50 51-0158	EA	13-18 Watt, 2700K CCT, PL EDGE DiRect Series (Green Creative 6.5PLV/827/DIR).....	20.28	
26 01 50 51-0159	EA	13-18 Watt, 3000K CCT, PL EDGE DiRect Series (Green Creative 6.5PLV/830/DIR).....	20.28	
26 01 50 51-0160	EA	13-18 Watt, 3500K CCT, PL EDGE DiRect Series (Green Creative 6.5PLV/835/DIR).....	21.00	
26 01 50 51-0161	EA	13-18 Watt, 4000K CCT, PL EDGE DiRect Series (Green Creative 6.5PLV/840/DIR).....	21.00	
26 01 50 51-0162	EA	26 Watt, 2700K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/827/BYP).....	21.15	
26 01 50 51-0163	EA	26 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/830/BYP).....	21.15	
26 01 50 51-0164	EA	26 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/835/BYP).....	21.15	
26 01 50 51-0165	EA	26 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/840/BYP).....	21.15	
26 01 50 51-0166	EA	13-18 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 6PLH/835/BYP).....	21.71	
26 01 50 51-0167	EA	13-18 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/840/BYP).....	21.71	
26 01 50 51-0168	EA	13 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/830/BYP/E26).....	21.71	
26 01 50 51-0169	EA	13 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 6PLH/835/BYP/E26).....	21.71	
26 01 50 51-0170	EA	13 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/840/BYP/E26).....	21.71	
26 01 50 51-0171	EA	13 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/830/BYP/GU24).....	21.71	
26 01 50 51-0172	EA	13 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 6PLH/835/BYP/GU24).....	21.71	
26 01 50 51-0173	EA	13 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/840/BYP/GU24).....	21.71	
26 01 50 51-0174	EA	26 Watt, 2700K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/827/BYP).....	27.29	
26 01 50 51-0175	EA	26 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/830/BYP).....	27.29	
26 01 50 51-0176	EA	26 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/835/BYP).....	27.29	
26 01 50 51-0177	EA	26 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/840/BYP).....	26.00	
26 01 50 51-0178	EA	13-18 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 7PLV/835/BYP).....	26.00	
26 01 50 51-0179	EA	13-18 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 7PLV/840/BYP).....	26.00	
26 01 50 51-0180	EA	4 Pin, 6 Watt, 560 Lumens 4000K CCT, Horizontal Mount LED PL Lamp (Green Creative 57898).....	25.11	

26 01 50 51-0181 HID LED Lamps, Medium Base E26 (26 01 50 51-0110)

26 01 50 51-0182	EA	27 Watt, 4000K CCT, Medium Base E26, LED Lamp (Green Creative 27HID/840/277V/E26).....	50.63	
26 01 50 51-0183	EA	27 Watt, 5000K CCT, Medium Base E26, LED Lamp (Green Creative 27HID/850/277V/E26).....	50.63	
26 01 50 51-0184	EA	45 Watt, 4000K CCT, Medium Base E26, LED Lamp (Green Creative 45HID/840/277V/E26).....	63.84	
26 01 50 51-0185	EA	45 Watt, 5000K CCT, Medium Base E26, LED Lamp (Green Creative 45HID/850/277V/E26).....	63.84	
26 01 50 51-0186	EA	10 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-3026).....	45.44	
26 01 50 51-0187	EA	10 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-4026).....	45.44	
26 01 50 51-0188	EA	10 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-5026).....	45.44	
26 01 50 51-0189	EA	10 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-6026).....	45.44	
26 01 50 51-0190	EA	15 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-3026).....	46.87	
26 01 50 51-0191	EA	15 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-4026).....	46.87	
26 01 50 51-0192	EA	15 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-5026).....	46.87	
26 01 50 51-0193	EA	15 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-6026).....	46.87	
26 01 50 51-0194	EA	20 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-3026).....	52.58	
26 01 50 51-0195	EA	20 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-4026).....	52.58	
26 01 50 51-0196	EA	20 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-5026).....	52.58	
26 01 50 51-0197	EA	20 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-6026).....	52.58	
26 01 50 51-0198	EA	25 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-3026).....	59.72	
26 01 50 51-0199	EA	25 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-4026).....	59.72	
26 01 50 51-0200	EA	25 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-5026).....	59.72	
26 01 50 51-0201	EA	25 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-6026).....	59.72	
26 01 50 51-0202	EA	30 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-3026).....	75.43	
26 01 50 51-0203	EA	30 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-4026).....	75.43	
26 01 50 51-0204	EA	30 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-5026).....	75.43	
26 01 50 51-0205	EA	30 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-6026).....	75.43	
26 01 50 51-0206	EA	40 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-3026).....	89.00	
26 01 50 51-0207	EA	40 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-4026).....	89.00	
26 01 50 51-0208	EA	40 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-5026).....	89.00	

26 Electrical
26 01 Operation and Maintenance of Electrical Systems
26 01 50 Operation and Maintenance of Lighting

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 01 50 51-0209	EA	40 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-6026)	89.00	
26 01 50 51-0210	EA	60 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-3026)	98.28	
26 01 50 51-0211	EA	60 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-4026)	98.28	
26 01 50 51-0212	EA	60 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-5026)	98.28	
26 01 50 51-0213	EA	60 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-6026)	98.28	
26 01 50 51-0214	EA	80 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-3026)	131.84	
26 01 50 51-0215	EA	80 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-4026)	131.84	
26 01 50 51-0216	EA	80 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-5026)	131.84	
26 01 50 51-0217	EA	80 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-6026)	131.84	
26 01 50 51-0218	EA	100 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-3026)	136.12	
26 01 50 51-0219	EA	100 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-4026)	136.12	
26 01 50 51-0220	EA	100 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-5026)	136.12	
26 01 50 51-0221	EA	100 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-6026)	136.12	
26 01 50 51-0222	EA	120 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-3026)	161.11	
26 01 50 51-0223	EA	120 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-4026)	161.11	
26 01 50 51-0224	EA	120 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-5026)	161.11	
26 01 50 51-0225	EA	120 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-6026)	161.11	
26 01 50 51-0226	EA	150 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-3026)	191.10	
26 01 50 51-0227	EA	150 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-4026)	191.10	
26 01 50 51-0228	EA	150 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-5026)	191.10	
26 01 50 51-0229	EA	150 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-6026)	191.10	
26 01 50 51-0230	EA	20 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EIKO industries LED20WPT40KMED-G6)	62.39	
26 01 50 51-0231	EA	20 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EIKO industries LED20WPT50KMED-G6)	67.38	
26 01 50 51-0232	EA	27 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EIKO industries LED27WPT40KMED-G5)	67.38	
26 01 50 51-0233	EA	27 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EIKO industries LED27WPT50KMED-G5)	62.39	
26 01 50 51-0234	EA	36 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EIKO industries LED36WPT40KMED-G5)	78.09	
26 01 50 51-0235	EA	36 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EIKO industries LED36WPT50KMED-G5)	71.67	
26 01 50 51-0236	EA	45 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EIKO industries LED45WPT40KMED-G5)	85.95	
26 01 50 51-0237	EA	45 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EIKO industries LED45WPT50KMED-G5)	85.11	
26 01 50 51-0238	EA	54 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EIKO industries LED54WPT40KMED-G5)	87.02	
26 01 50 51-0239	EA	54 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EIKO industries LED54WPT50KMED-G5)	87.02	
26 01 50 51-0240	EA	27 Watt, 4000K CCT, Medium Base E26, LED Lamp (EIKO industries LED27WPT40KMED-G7)	53.13	
26 01 50 51-0241	EA	27 Watt, 5000K CCT, Medium Base E26, LED Lamp (EIKO industries LED27WPT50KMED-G7)	53.13	
26 01 50 51-0242	EA	36 Watt, 4000K CCT, Medium Base E26, LED Lamp (EIKO industries LED36WPT40KMED-G7)	59.73	
26 01 50 51-0243	EA	36 Watt, 5000K CCT, Medium Base E26, LED Lamp (EIKO industries LED36WPT50KMED-G7)	59.73	
26 01 50 51-0244	EA	45 Watt, 4000K CCT, Medium Base E26, LED Lamp (EIKO industries LED45WPT40KMED-G7)	64.12	
26 01 50 51-0245	EA	45 Watt, 5000K CCT, Medium Base E26, LED Lamp (EIKO industries LED45WPT50KMED-G7)	64.12	
26 01 50 51-0246	EA	54 Watt, 4000K CCT, Medium Base E26, LED Lamp (EIKO industries LED54WPT40KMED-G7)	70.72	
26 01 50 51-0247	EA	54 Watt, 5000K CCT, Medium Base E26, LED Lamp (EIKO industries LED54WPT50KMED-G7)	70.72	
26 01 50 51-0248	EA	20 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-20W8-55K-E26)	71.06	
26 01 50 51-0249	EA	30 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-30W8-55K-E26)	76.92	
26 01 50 51-0250	EA	40 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-40W8-55K-E26)	95.41	
26 01 50 51-0251	EA	50 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-50W8-55K-E26)	104.98	
26 01 50 51-0252	EA	10 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-10W12-55K-E26)	41.93	
26 01 50 51-0253	EA	15 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-15W12-55K-E26)	47.07	
26 01 50 51-0254	EA	20 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-20W12-55K-E26)	49.64	
26 01 50 51-0255	EA	25 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-25W12-55K-E26)	54.43	
26 01 50 51-0256	EA	15 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Nepton LED-N148015-UNV)	65.22	
26 01 50 51-0257	EA	20 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Nepton LED-N148020-UNV)	76.21	
26 01 50 51-0258	EA	25 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Nepton LED-N148025-UNV)	103.67	
26 01 50 51-0259	EA	30 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Nepton LED-N148030-UNV)	109.16	
26 01 50 51-0260	EA	35 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Nepton LED-N148035-UNV)	117.95	
26 01 50 51-0261	EA	40 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Nepton LED-N148040-UNV)	123.44	
26 01 50 51-0262	EA	60 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Nepton LED-N148060-UNV)	177.27	
26 01 50 51-0263	EA	20 Watt, 5000K CCT, 120-277 Volt, E26 (Medium) Base, LED Retrofit Omni-Directional Lamp (HYLITE HL-IOD-20W-E26-50K)	66.28	

26 01 50 51-0264 HID LED Lamps, Mogul Base E39 Or EX39 (26 01 50 51-0110)

26 01 50 51-0265	EA	120 Watt, 2700K CCT, Mogul Base EX39, HID LED Lamp (Green Creative 120HID/827/277V/EX39)	169.93	
26 01 50 51-0266	EA	120 Watt, 5000K CCT, Mogul Base EX39, HID LED Lamp (Green Creative 120HID/850/277V/EX39)	169.93	
26 01 50 51-0267	EA	120 Watt, 5700 CCT, Mogul Base EX39, HID LED Lamp (Green Creative 120HID/857/277V/EX39)	169.93	
26 01 50 51-0268	EA	27 Watt, 3000K CCT, Mogul Base E39, LED Lamp (Green Creative 27HID/830/277V/EX39)	50.63	
26 01 50 51-0269	EA	27 Watt, 4000K CCT, Mogul Base E39, LED Lamp (Green Creative 27HID/840/277V/EX39/R)	50.63	
26 01 50 51-0270	EA	27 Watt, 5000K CCT, Mogul Base E39, LED Lamp (Green Creative 27HID/850/277V/EX39)	50.63	
26 01 50 51-0271	EA	45 Watt, 3000K CCT, Mogul Base E39, LED Lamp (Green Creative 45HID/830/277V/EX39)	63.84	
26 01 50 51-0272	EA	45 Watt, 4000K CCT, Mogul Base E39, LED Lamp (Green Creative 45HID/840/277V/EX39/R)	63.84	
26 01 50 51-0273	EA	45 Watt, 5000K CCT, Mogul Base E39, LED Lamp (Green Creative 45HID/850/277V/EX39)	63.84	
26 01 50 51-0274	EA	80 Watt, 5000K CCT, Mogul Base E39, LED Lamp (Green Creative 80HID/850/277V/EX39)	117.39	
26 01 50 51-0275	EA	80 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-3039)	131.84	
26 01 50 51-0276	EA	80 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-4039)	131.84	
26 01 50 51-0277	EA	80 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-5039)	131.84	
26 01 50 51-0278	EA	80 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-6039)	131.84	
26 01 50 51-0279	EA	100 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-3039)	136.12	
26 01 50 51-0280	EA	100 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-4039)	136.12	
26 01 50 51-0281	EA	100 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-5039)	136.12	
26 01 50 51-0282	EA	100 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-6039)	136.12	
26 01 50 51-0283	EA	120 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-3039)	161.11	
26 01 50 51-0284	EA	120 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-4039)	161.11	
26 01 50 51-0285	EA	120 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-5039)	161.11	
26 01 50 51-0286	EA	120 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-6039)	161.11	
26 01 50 51-0287	EA	150 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-3039)	191.10	
26 01 50 51-0288	EA	150 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-4039)	191.10	
26 01 50 51-0289	EA	150 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-5039)	191.10	
26 01 50 51-0290	EA	150 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-6039)	191.10	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 01 50 51-0291	EA	27 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED27WPT40KMOG-G5)	67.38	
26 01 50 51-0292	EA	27 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED27WPT50KMOG-G5)	67.38	
26 01 50 51-0293	EA	36 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED36WPT40KMOG-G5)	78.09	
26 01 50 51-0294	EA	36 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED36WPT50KMOG-G5)	77.11	
26 01 50 51-0295	EA	45 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED45WPT40KMOG-G5)	85.95	
26 01 50 51-0296	EA	45 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED45WPT50KMOG-G5)	85.11	
26 01 50 51-0297	EA	54 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED54WPT40KMOG-G5)	87.02	
26 01 50 51-0298	EA	54 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED54WPT50KMOG-G5)	84.53	
26 01 50 51-0299	EA	100 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED100WPT40KMOG-G5)	181.62	
26 01 50 51-0300	EA	20 Watt, 4000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED20WPT180/40KMOG-G7)	67.36	
26 01 50 51-0301	EA	20 Watt, 5000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED20WPT180/50KMOG-G7)	67.36	
26 01 50 51-0302	EA	30 Watt, 4000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED30WPT180/40KMOG-G7)	76.24	
26 01 50 51-0303	EA	30 Watt, 5000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED30WPT180/50KMOG-G7)	76.24	
26 01 50 51-0304	EA	40 Watt, 4000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED40WPT180/40KMOG-G7)	81.59	
26 01 50 51-0305	EA	40 Watt, 5000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED40WPT180/50KMOG-G7)	81.59	
26 01 50 51-0306	EA	27 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED27WPT40KMOG-G7)	53.04	
26 01 50 51-0307	EA	27 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED27WPT50KMOG-G7)	53.04	
26 01 50 51-0308	EA	36 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED36WPT40KMOG-G7)	59.73	
26 01 50 51-0309	EA	36 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED36WPT50KMOG-G7)	59.73	
26 01 50 51-0310	EA	45 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED45WPT40KMOG-G7)	64.12	
26 01 50 51-0311	EA	45 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED45WPT50KMOG-G7)	64.12	
26 01 50 51-0312	EA	54 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED54WPT40KMOG-G7)	70.72	
26 01 50 51-0313	EA	54 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED54WPT50KMOG-G7)	70.72	
26 01 50 51-0314	EA	65 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-65W8-55K-E39)	126.32	
26 01 50 51-0315	EA	80 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-80W8-55K-E39)	145.89	
26 01 50 51-0316	EA	100 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-100W8-55K-E39)	173.73	
26 01 50 51-0317	EA	120 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-120W8-55K-E39)	337.71	
26 01 50 51-0318	EA	150 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-150W8-55K-E39)	318.98	
26 01 50 51-0319	EA	200 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-200W8-55K-E39)	337.71	
26 01 50 51-0320	EA	250 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-250W8-55K-E39)	339.17	
26 01 50 51-0321	EA	24 Watt, 3000K CCT, Mogul Base E39, LED Lamp (Light Efficient Design LED-8029M30-A)	52.71	
26 01 50 51-0322	EA	24 Watt, 4000K CCT, Mogul Base E39, LED Lamp (Light Efficient Design LED-8029M40-A)	52.71	
26 01 50 51-0323	EA	24 Watt, 5700K CCT, Mogul Base E39, LED Lamp (Light Efficient Design LED-8029M57-A)	52.71	
26 01 50 51-0324	EA	100 Watt, Mogul Base E39, LED Area Lamp (MaxLite AR100LED50)	153.90	
26 01 50 51-0325	EA	115 Watt, 4000K CCT, Mogul Base EX39, HID LED Lamp (Keystone KT-LED115HID-V-EX39-840-D)	392.62	
26 01 50 51-0326	EA	40 Watt, 120-277 Volt, 5000K CCT, E39 Base, LED Arc-Cob Lamp (HYLITE HL-AC-40W-E39-50K)	178.23	
26 01 50 51-0327	EA	100 Watt, 480 Volt, 5000K CCT, E39 Base, LED Omni-Cob Lamp (HYLITE HL-OC-100W-E39-50K)	210.23	
26 01 50 51-0328	EA	45 Watt, 120-277 Volt, 5000K CCT, E39 Base, LED Omni-Cob Lamp (HYLITE HL-OC-45W-E39-50K)	91.87	
26 01 50 51-0329	EA	40 Watt, 5680 Lumens, Mogul Base E39, LED Directional Flood Lamp (HYLITE HL-IDL-40W-E39-50K)	273.74	

26 01 50 51-0330		LED Lamps, 2G11 Base <small>(26 01 50 51-0110)</small>		
26 01 50 51-0331	EA	19 Watt, 1550 Lumens, 3500K CCT, 2G11 Base, Dimmable LED Lamp (Green Creative 14.5PLL/835/DIR)	45.96	

26 01 50 51-0332		LED Lamps, GX23 Or G23 Base <small>(26 01 50 51-0110)</small>		
26 01 50 51-0333	EA	5 Watt, 580 Lumens, 2 Pin GX23 Base, Dimmable LED Lamp (Lunera HN-H-GX23-U-5W-840-G4)	22.52	

26 01 50 51-0334		LED Lamps, G24 Base <small>(26 01 50 51-0110)</small>		
26 01 50 51-0335	EA	5.5 Watt, 500 Lumens, G24 Base, LED Lamp (Green Creative 5.5PLH/835/DIR/R)	29.31	

26 01 50 51-0336		LED Tubes (Fluorescent Lamp Replacement) <small>(26 01 50 51-0110)</small>		
26 01 50 51-0337	EA	2', 1,250 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-24IN-4000K)	40.34	
		<i>For Multiple Lamps In Fixture, Deduct</i>	-3.03	
26 01 50 51-0338	EA	2', 1,900 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-24INU-4000K)	52.59	
		<i>For Multiple Lamps In Fixture, Deduct</i>	-3.03	
26 01 50 51-0339	EA	3', 1,900 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-36IN-4000K)	43.47	
		<i>For Multiple Lamps In Fixture, Deduct</i>	-3.22	
26 01 50 51-0340	EA	4', 1,900 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-48IN-4000K)	47.61	
		<i>For Multiple Lamps In Fixture, Deduct</i>	-3.41	
26 01 50 51-0341	EA	4', 2,200 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2HO-T8-48IN-4000K)	52.21	
		<i>For Multiple Lamps In Fixture, Deduct</i>	-3.41	
26 01 50 51-0342	EA	4', 2,539 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Carson Technology CT-D02018TBN)	32.56	
		<i>For Multiple Lamps In Fixture, Deduct</i>	-3.41	
26 01 50 51-0343	EA	2', 1,348 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Carson Technology CT-D02010TBN)	31.41	
		<i>For Multiple Lamps In Fixture, Deduct</i>	-3.03	
26 01 50 51-0344	EA	2', 1,100 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED9T8/L24/FG/835/BF)	28.57	
		<i>For Multiple Lamps In Fixture, Deduct</i>	-3.03	
26 01 50 51-0345	EA	3', 1,650 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED12T8/L36/FG/835/BF)	29.06	
		<i>For Multiple Lamps In Fixture, Deduct</i>	-3.22	
26 01 50 51-0346	EA	4', 1,700 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED14T8/L48/FG/835/BF)	29.04	
		<i>For Multiple Lamps In Fixture, Deduct</i>	-3.41	
26 01 50 51-0347	EA	4', 2,100 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED17T8/L48/FG/835/BF)	30.12	
		<i>For Multiple Lamps In Fixture, Deduct</i>	-3.41	

26 01 50 51-0348		Filament LED Lamps <small>(26 01 50 51-0110)</small>		
26 01 50 51-0349	EA	7.5 Watt, 2700K CCT, Clear A19 Filament LED Lamp (Green Creative 7.5FA19DIM/827)	16.88	
26 01 50 51-0350	EA	4.5 Watt, 2700K CCT, Clear A19 Filament LED Lamp (Green Creative 4.5A19DIM/827/R)	16.88	

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26 01 50 51-0351	EA	4.5 Watt, 2700K CCT, Clear A19 Filament LED Lamp (Green Creative 4.5FA19DIM/827).....	16.16	
26 01 50 51-0352	EA	4.5 Watt, 2400 CCT, Amber A19 Filament LED Lamp (Green Creative 4.5FA19DIM/824/A).....	16.16	
26 01 50 51-0353	EA	4.5 Watt, 2700K CCT, Clear G25 Globe Filament LED Lamp (Green Creative 4.5FG25DIM/827)	17.31	
26 01 50 51-0354	EA	4.5 Watt, 2400 CCT, Amber G25 Globe Filament LED Lamp (Green Creative 4.5FG25DIM/824/A)	17.31	
26 01 50 51-0355	EA	3.5 Watt, 2700K CCT, Clear B10 Candle Filament LED Lamp (Green Creative 3.5FB10DIM/827)	14.74	
26 01 50 51-0356	EA	3.5 Watt, 2700K CCT, Clear B11 Candle Filament LED Lamp (Green Creative 3.5FB11DIM/827/E26).....	14.74	
26 01 50 51-0357	EA	3.5 Watt, 2400 CCT, Amber B10 Candle Filament LED Lamp (Green Creative 3.5FBA10DIM/824/FT/A).....	15.17	
26 01 50 51-0358	EA	3.5 Watt, 2400 CCT, Amber ST19 Filament LED Lamp (Green Creative 5FST19DIM/824/A)	18.31	
26 01 50 51-0359	EA	4.5 Watt, 120 Volt 450 Lumens ULTRA LED Filament Lamp (Sylvania 79521).....	21.82	

26 01 50 51-0360 Other Lamps (26 01 50 51-0110)

26 01 50 51-0361	EA	8 Watt, Medium Base, A19, A-Shape Dimmable LED Lamp (Philips 8A19/END/2700 DIM 6/1)	16.05	
26 01 50 51-0362	EA	8 Watt, Medium Base, A19, A-Shape Dimmable LED Lamp (Philips 7A19/2700 DIM).....	16.05	
26 01 50 51-0363	EA	11 Watt, Medium Base, A19, A-Shape Dimmable LED Lamp (Philips 11A19/2700 DIM).....	16.05	
26 01 50 51-0364	EA	12 Watt, Medium Base, Dimmable BR40 LED Lamp (Philips 12BR40/F90 2700 DIM AF 6/1).....	16.76	
26 01 50 51-0365	EA	13 Watt, Medium Base, Dimmable PAR38 LED Single Optic Lamp (Philips 13PAR38/S15 4000 DIM AF SO 6/1)	16.76	
26 01 50 51-0366	EA	8 Watt, Medium Base, Dimmable PAR20 LED Lamp (Philips 8PAR20/END/F36 3000 DIM 6/1)	16.76	

26 01 50 51-0367 LED Lamps, Light Engines, Round, LER Series (26 01 50 51-0110)

26 01 50 51-0368	EA	5.5" Diameter, 17 Watt, 3000K CCT, Round LED Light Engine (Maxlite LER5.5A1730).....	52.59	
26 01 50 51-0369	EA	9 Watt, 120 Volt, 800 Lumens, 2700K, Omnidirectional Ultra LED A-line Lamp (Sylvania LED9A19/DIM/O/827/U).....	29.97	

26 01 50 51-0370 Recycle Hazardous Lamps (26 01 50 51)

Note: Includes containers, shipping costs and recycling fees. Excludes lamp removal. See CSI section 01 22 23 00-0001 for work over 14' to add appropriate aerial lift.

26 01 50 51-0371	EA	Recycle 2' Length Linear Fluorescent Lamps	0.45	
26 01 50 51-0372	EA	Recycle 3' Length Linear Fluorescent Lamps	0.68	
26 01 50 51-0373	EA	Recycle 4' Length Linear Fluorescent Lamps	0.90	
26 01 50 51-0374	EA	Recycle 6' Length Linear Fluorescent Lamps	1.36	
26 01 50 51-0375	EA	Recycle 8' Length Linear Fluorescent Lamps	1.81	
26 01 50 51-0376	EA	Recycle Compact Fluorescent Lamps	0.81	
26 01 50 51-0377	EA	Recycle U-Shaped Or Circular Fluorescent Lamps	0.81	
26 01 50 51-0378	EA	Recycle High Intensity Discharge (HID) Lamps.....	2.82	

26 01 50 52 Ballasts Replacement (26 01 50)**26 01 50 52-0001 Lighting Ballasts** (26 01 50 52)

Note: Excludes recycling fees. See CSI section 02 84 16 00-0003 for ballast recycling.

26 01 50 52-0002 Fluorescent Ballasts (26 01 50 52-0001)**26 01 50 52-0003 T5 Fluorescent Ballasts** (26 01 50 52-0002)**26 01 50 52-0004 T5 Fluorescent Electronic Ballasts** (26 01 50 52-0003)

Note: Includes 120/277 Volt and normal ballast factor.

26 01 50 52-0005 14 Watt, T5 Fluorescent Electronic Ballasts (26 01 50 52-0004)

26 01 50 52-0006	EA	1 Lamp, 14 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	119.52	22.96
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.89	
		<i>For High Ballast Factor, Add</i>	6.78	
26 01 50 52-0007	EA	2 Lamp, 14 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	125.25	28.69
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.61	
		<i>For High Ballast Factor, Add</i>	6.78	

26 01 50 52-0008 21 Watt, T5 Fluorescent Electronic Ballasts (26 01 50 52-0004)

26 01 50 52-0009	EA	1 Lamp, 21 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	119.52	22.96
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.89	
		<i>For High Ballast Factor, Add</i>	6.78	
26 01 50 52-0010	EA	2 Lamp, 21 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	125.25	28.69
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.61	
		<i>For High Ballast Factor, Add</i>	6.78	

26 01 50 52-0011 28 Watt, T5 Fluorescent Electronic Ballasts (26 01 50 52-0004)

26 01 50 52-0012	EA	1 Lamp, 28 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	119.52	22.96
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.89	
		<i>For High Ballast Factor, Add</i>	6.78	
26 01 50 52-0013	EA	2 Lamp, 28 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	125.25	28.69
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.61	
		<i>For High Ballast Factor, Add</i>	6.78	

26 01 50 52-0014 35 Watt, T5 Fluorescent Electronic Ballasts (26 01 50 52-0004)

26 01 50 52-0015	EA	1 Lamp, 35 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	119.52	22.96
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.89	
26 01 50 52-0016	EA	2 Lamp, 35 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	125.25	28.69
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.61	

26 01 50 52-0017 54 Watt, T5 Fluorescent Electronic Ballasts (26 01 50 52-0004)

26 01 50 52-0018	EA	1 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	119.38	22.96
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.89	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0019 EA 2 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	125.11 8.61	28.69
26 01 50 52-0020 EA 3 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	171.40 10.33	34.43
26 01 50 52-0021 EA 4 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	177.14 12.05	40.17
26 01 50 52-0022 High-Output, T5HO Fluorescent Electronic Ballasts (26 01 50 52-0003) Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0023 12 Watt, High-Output, T5HO Fluorescent Electronic Ballasts (26 01 50 52-0022)		
26 01 50 52-0024 EA 1 Lamp, 12 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	100.26 6.89	22.96
26 01 50 52-0025 EA 2 Lamp, 12 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	105.99 8.61	28.69
26 01 50 52-0026 24 Watt, High-Output, T5HO Fluorescent Electronic Ballasts (26 01 50 52-0022)		
26 01 50 52-0027 EA 1 Lamp, 24 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	131.05 6.89	22.96
26 01 50 52-0028 EA 2 Lamp, 24 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	136.78 8.61	28.69
26 01 50 52-0029 39 Watt, High-Output, T5HO Fluorescent Electronic Ballasts (26 01 50 52-0022)		
26 01 50 52-0030 EA 1 Lamp, 39 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	131.05 6.89	22.96
26 01 50 52-0031 EA 2 Lamp, 39 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	136.78 8.61	28.69
26 01 50 52-0032 54 Watt, High-Output, T5HO Fluorescent Electronic Ballasts (26 01 50 52-0022)		
26 01 50 52-0033 EA 1 Lamp, 54 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	100.26 6.89	22.96
26 01 50 52-0034 EA 2 Lamp, 54 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	105.99 8.61	28.69
26 01 50 52-0035 Dimming, T5 Fluorescent Electronic Ballasts (26 01 50 52-0003)		
26 01 50 52-0036 Step Dimming, T5 Fluorescent Electronic Ballasts (26 01 50 52-0035) Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0037 28 Watt, Step Dimming, T5 Fluorescent Electronic Ballast (26 01 50 52-0036)		
26 01 50 52-0038 EA 2 Lamp, 28 Watt, Programmed Start, Step Dimming, T5 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	117.84 8.61	28.69
26 01 50 52-0039 Dimming To 5%, T5 Fluorescent Electronic Ballasts (26 01 50 52-0035) Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0040 54 Watt, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballasts (26 01 50 52-0039)		
26 01 50 52-0041 EA 1 Lamp, 54 Watt, Programmed Start, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	422.68 6.89	22.96
26 01 50 52-0042 EA 2 Lamp, 54 Watt, Programmed Start, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	416.77 8.61	28.69
26 01 50 52-0043 T8 Fluorescent Ballasts (26 01 50 52-0002)		
26 01 50 52-0044 T8 Fluorescent Electronic Ballasts (26 01 50 52-0043) Note: Includes 120/277 Volt and low or normal ballast factor.		
26 01 50 52-0045 17 Watt, T8 Fluorescent Electronic Ballasts (26 01 50 52-0044)		
26 01 50 52-0046 EA 1 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> <i>For High Ballast Factor, Add</i>	52.44 6.89 16.49	22.96
26 01 50 52-0047 EA 1 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> <i>For High Ballast Factor, Add</i>	92.13 6.89 10.85	22.96
26 01 50 52-0048 EA 2 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> <i>For High Ballast Factor, Add</i>	58.17 8.61 16.49	28.69
26 01 50 52-0049 EA 2 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> <i>For High Ballast Factor, Add</i>	97.86 8.61 10.85	28.69
26 01 50 52-0050 EA 3 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> <i>For High Ballast Factor, Add</i>	70.88 10.33 16.06	34.43
26 01 50 52-0051 EA 3 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> <i>For High Ballast Factor, Add</i>	109.70 10.33 9.22	34.43
26 01 50 52-0052 EA 4 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> <i>For High Ballast Factor, Add</i>	81.15 12.05 40.66	40.17

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26 01 50 52-0053	EA		4 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> <i>For High Ballast Factor, Add</i>	120.18 12.05 23.73	40.17
26 01 50 52-0054			25 Watt, T8 Fluorescent Electronic Ballasts (26 01 50 52-0044)		
26 01 50 52-0055	EA		1 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> <i>For High Ballast Factor, Add</i>	52.44 6.89 16.49	22.96
26 01 50 52-0056	EA		1 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> <i>For High Ballast Factor, Add</i>	92.13 6.89 10.85	22.96
26 01 50 52-0057	EA		2 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> <i>For High Ballast Factor, Add</i>	58.17 8.61 16.49	28.69
26 01 50 52-0058	EA		2 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> <i>For High Ballast Factor, Add</i>	97.86 8.61 10.85	28.69
26 01 50 52-0059	EA		3 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> <i>For High Ballast Factor, Add</i>	70.88 10.33 16.06	34.43
26 01 50 52-0060	EA		3 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> <i>For High Ballast Factor, Add</i>	109.70 10.33 9.22	34.43
26 01 50 52-0061	EA		4 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> <i>For High Ballast Factor, Add</i>	81.15 12.05 40.66	40.17
26 01 50 52-0062	EA		4 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> <i>For High Ballast Factor, Add</i>	120.18 12.05 23.73	40.17
26 01 50 52-0063			28 Watt, T8 Fluorescent Electronic Ballasts (26 01 50 52-0044)		
26 01 50 52-0064	EA		1 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> <i>For High Ballast Factor, Add</i>	52.44 6.89 16.49	22.96
26 01 50 52-0065	EA		1 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> <i>For High Ballast Factor, Add</i>	92.13 6.89 10.85	22.96
26 01 50 52-0066	EA		2 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> <i>For High Ballast Factor, Add</i>	58.17 8.61 16.49	28.69
26 01 50 52-0067	EA		2 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> <i>For High Ballast Factor, Add</i>	97.86 8.61 10.85	28.69
26 01 50 52-0068	EA		3 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> <i>For High Ballast Factor, Add</i>	70.88 10.33 16.06	34.43
26 01 50 52-0069	EA		3 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> <i>For High Ballast Factor, Add</i>	109.70 10.33 9.22	34.43
26 01 50 52-0070	EA		4 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> <i>For High Ballast Factor, Add</i>	81.15 12.05 40.66	40.17
26 01 50 52-0071	EA		4 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> <i>For High Ballast Factor, Add</i>	120.18 12.05 23.73	40.17
26 01 50 52-0072			32 Watt, T8 Fluorescent Electronic Ballasts (26 01 50 52-0044)		
26 01 50 52-0073	EA		1 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> <i>For High Ballast Factor, Add</i>	52.44 6.89 16.49	22.96
26 01 50 52-0074	EA		1 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> <i>For High Ballast Factor, Add</i>	92.13 6.89 10.85	22.96
26 01 50 52-0075	EA		2 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> <i>For High Ballast Factor, Add</i>	58.17 8.61 16.49	28.69
26 01 50 52-0076	EA		2 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> <i>For High Ballast Factor, Add</i>	97.86 8.61 10.85	28.69
26 01 50 52-0077	EA		3 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> <i>For High Ballast Factor, Add</i>	70.88 10.33 16.06	34.43
26 01 50 52-0078	EA		3 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> <i>For High Ballast Factor, Add</i>	109.70 10.33 9.22	34.43
26 01 50 52-0079	EA		4 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> <i>For High Ballast Factor, Add</i>	81.15 12.05 40.66	40.17
26 01 50 52-0080	EA		4 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> <i>For High Ballast Factor, Add</i>	120.18 12.05 23.73	40.17
26 01 50 52-0081			40 Watt, T8 Fluorescent Electronic Ballasts (26 01 50 52-0044)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0082 EA 1 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	83.72	22.96
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.89	
For High Ballast Factor, Add	7.05	
26 01 50 52-0083 EA 1 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	92.13	22.96
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.89	
For High Ballast Factor, Add	10.85	
26 01 50 52-0084 EA 2 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	89.45	28.69
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.61	
For High Ballast Factor, Add	7.05	
26 01 50 52-0085 EA 2 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	97.86	28.69
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.61	
For High Ballast Factor, Add	10.85	
26 01 50 52-0086 EA 3 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	111.73	34.43
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.33	
For High Ballast Factor, Add	4.34	
26 01 50 52-0087 EA 3 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	109.70	34.43
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.33	
26 01 50 52-0088 EA 4 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	117.47	40.17
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	
For High Ballast Factor, Add	4.34	
26 01 50 52-0089 EA 4 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	120.18	40.17
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	
26 01 50 52-0090 96 Watt, T8 Fluorescent Electronic Ballasts <small>(26 01 50 52-0044)</small>		
26 01 50 52-0091 EA 1 Lamp, 96 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	100.26	22.96
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.89	
For High Ballast Factor, Add	15.11	
26 01 50 52-0092 EA 2 Lamp, 96 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	105.99	28.69
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.61	
For High Ballast Factor, Add	15.11	
26 01 50 52-0093 High-Output, T8HO Fluorescent Electronic Ballasts <small>(26 01 50 52-0043)</small>		
Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0094 48 Watt, High-Output, T8HO Fluorescent Electronic Ballasts <small>(26 01 50 52-0093)</small>		
26 01 50 52-0095 EA 1 Lamp, 48 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast.....	121.55	22.96
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.89	
26 01 50 52-0096 EA 1 Lamp, 48 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast.....	158.33	22.96
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.89	
26 01 50 52-0097 EA 2 Lamp, 48 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast.....	127.28	28.69
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.61	
26 01 50 52-0098 EA 2 Lamp, 48 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast.....	164.06	28.69
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.61	
26 01 50 52-0099 60 Watt, High-Output, T8HO Fluorescent Electronic Ballasts <small>(26 01 50 52-0093)</small>		
26 01 50 52-0100 EA 1 Lamp, 60 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast.....	121.55	22.96
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.89	
26 01 50 52-0101 EA 1 Lamp, 60 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast.....	158.33	22.96
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.89	
26 01 50 52-0102 EA 2 Lamp, 60 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast.....	127.28	28.69
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.61	
26 01 50 52-0103 EA 2 Lamp, 60 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast.....	164.06	28.69
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.61	
26 01 50 52-0104 72 Watt, High-Output, T8HO Fluorescent Electronic Ballasts <small>(26 01 50 52-0093)</small>		
26 01 50 52-0105 EA 1 Lamp, 72 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast.....	121.55	22.96
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.89	
26 01 50 52-0106 EA 1 Lamp, 72 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast.....	158.33	22.96
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.89	
26 01 50 52-0107 EA 2 Lamp, 72 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast.....	127.28	28.69
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.61	
26 01 50 52-0108 EA 2 Lamp, 72 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast.....	164.06	28.69
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.61	
26 01 50 52-0109 96 Watt, High-Output, T8HO Fluorescent Electronic Ballasts <small>(26 01 50 52-0093)</small>		
26 01 50 52-0110 EA 1 Lamp, 96 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast.....	121.55	22.96
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.89	
26 01 50 52-0111 EA 1 Lamp, 96 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast.....	158.33	22.96
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.89	
26 01 50 52-0112 EA 2 Lamp, 96 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast.....	127.28	28.69
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.61	
26 01 50 52-0113 EA 2 Lamp, 96 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast.....	164.06	28.69
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.61	
26 01 50 52-0114 Dimming, T8 Fluorescent Electronic Ballasts <small>(26 01 50 52-0043)</small>		
26 01 50 52-0115 Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts <small>(26 01 50 52-0114)</small>		
Note: Includes 120/277 Volt and high ballast factor.		
26 01 50 52-0116 17 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts <small>(26 01 50 52-0115)</small>		
26 01 50 52-0117 EA 1 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast.....	66.11	22.96
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.89	

26 Electrical**26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 01 50 52-0198		28 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts (26 01 50 52-0187)			
26 01 50 52-0199	EA	1 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	149.76		22.96
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.89		
26 01 50 52-0200	EA	2 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	155.49		28.69
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.61		
26 01 50 52-0201	EA	3 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	185.78		34.43
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.33		
26 01 50 52-0202	EA	4 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	191.52		40.17
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.05		
26 01 50 52-0203		32 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts (26 01 50 52-0187)			
26 01 50 52-0204	EA	1 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	149.76		22.96
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.89		
26 01 50 52-0205	EA	2 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	155.49		28.69
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.61		
26 01 50 52-0206	EA	3 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	185.78		34.43
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.33		
26 01 50 52-0207	EA	4 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	191.52		40.17
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.05		
26 01 50 52-0208		T10 Fluorescent Ballasts (26 01 50 52-0002)			
26 01 50 52-0209		T10 Fluorescent Electronic Ballasts (26 01 50 52-0208) Note: Includes 120/277 Volt and normal ballast factor.			
26 01 50 52-0210		40 Watt, T10 Fluorescent Electronic Ballasts (26 01 50 52-0209)			
26 01 50 52-0211	EA	1 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast	74.22		22.96
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.89		
26 01 50 52-0212	EA	2 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast	79.95		28.69
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.61		
26 01 50 52-0213	EA	3 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast	98.03		34.43
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.33		
26 01 50 52-0214		T12 Fluorescent Ballasts (26 01 50 52-0002)			
26 01 50 52-0215		T12 Fluorescent Electronic Ballasts (26 01 50 52-0214) Note: Includes 120/277 Volt and normal ballast factor.			
26 01 50 52-0216		25 Watt, T12 Fluorescent Electronic Ballasts (26 01 50 52-0215)			
26 01 50 52-0217	EA	1 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast	52.44		22.96
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.89		
26 01 50 52-0218	EA	1 Lamp, 25 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	74.22		22.96
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.89		
26 01 50 52-0219	EA	2 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast	58.17		28.69
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.61		
26 01 50 52-0220	EA	2 Lamp, 25 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	79.95		28.69
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.61		
26 01 50 52-0221	EA	3 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast	70.88		34.43
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.33		
26 01 50 52-0222	EA	4 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast	81.15		40.17
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.05		
26 01 50 52-0223		30 Watt, T12 Fluorescent Electronic Ballasts (26 01 50 52-0215)			
26 01 50 52-0224	EA	1 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	74.22		22.96
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.89		
26 01 50 52-0225	EA	2 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	79.95		28.69
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.61		
26 01 50 52-0226	EA	3 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	98.03		34.43
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.33		
26 01 50 52-0227		34 Watt, T12 Fluorescent Electronic Ballasts (26 01 50 52-0215)			
26 01 50 52-0228	EA	1 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	74.22		22.96
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.89		
26 01 50 52-0229	EA	2 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	79.95		28.69
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.61		
26 01 50 52-0230	EA	3 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	98.03		34.43
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.33		
26 01 50 52-0231		40 Watt, T12 Fluorescent Electronic Ballasts (26 01 50 52-0215)			
26 01 50 52-0232	EA	1 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	74.22		22.96
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.89		
26 01 50 52-0233	EA	2 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	79.95		28.69
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.61		
26 01 50 52-0234	EA	3 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	98.03		34.43
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.33		
26 01 50 52-0235		96 Watt, T12 Fluorescent Electronic Ballasts (26 01 50 52-0215)			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0236 EA 1 Lamp, 96 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast.....	93.07	22.96
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.89	
26 01 50 52-0237 EA 2 Lamp, 96 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast.....	105.99	28.69
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.61	
26 01 50 52-0238 High-Output, T12HO Fluorescent Electronic Ballasts (26 01 50 52-0214)		
Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0239 48 Watt, High-Output, T12HO Fluorescent Electronic Ballasts (26 01 50 52-0238)		
26 01 50 52-0240 EA 1 Lamp, 48 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast.....	121.96	22.96
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.89	
26 01 50 52-0241 EA 2 Lamp, 48 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast.....	127.69	28.69
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.61	
26 01 50 52-0242 60 Watt, High-Output, T12HO Fluorescent Electronic Ballasts (26 01 50 52-0238)		
26 01 50 52-0243 EA 1 Lamp, 60 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast.....	121.96	22.96
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.89	
26 01 50 52-0244 EA 2 Lamp, 60 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast.....	127.69	28.69
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.61	
26 01 50 52-0245 72 Watt, High-Output, T12HO Fluorescent Electronic Ballasts (26 01 50 52-0238)		
26 01 50 52-0246 EA 1 Lamp, 72 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast.....	121.96	22.96
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.89	
26 01 50 52-0247 EA 2 Lamp, 72 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast.....	127.69	28.69
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.61	
26 01 50 52-0248 96 Watt, High-Output, T12HO Fluorescent Electronic Ballasts (26 01 50 52-0238)		
26 01 50 52-0249 EA 2 Lamp, 96 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast.....	121.96	22.96
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.89	
26 01 50 52-0250 EA 2 Lamp, 96 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast.....	127.69	28.69
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.61	
26 01 50 52-0251 Emergency Fluorescent Ballasts (26 01 50 52-0002)		
Note: 120/277 Volt.		
26 01 50 52-0252 EA 350 To 450 Lumens, One Lamp, Code Compliance, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B100).....	190.80	22.96
<i>For Factory Installation In New Fixtures, Deduct</i>	-45.91	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.77	
26 01 50 52-0253 EA 600 To 700 Lumens, Two Lamp, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B60).....	315.73	28.69
<i>For Factory Installation In New Fixtures, Deduct</i>	-48.21	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.46	
26 01 50 52-0254 EA 1,100 To 1,400 Lumens, One Or Two Lamp, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50).....	393.06	28.69
<i>For Factory Installation In New Fixtures, Deduct</i>	-48.21	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.46	
26 01 50 52-0255 EA 600 To 700 Lumens, One Or Two Lamp, Two Hour Illumination, Emergency Fluorescent Ballast (Bodine B70A).....	289.88	28.69
<i>For Factory Installation In New Fixtures, Deduct</i>	-48.21	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.46	
26 01 50 52-0256 EA 2,700 To 3,400 Lumens, Two Or Three Lamp, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B33).....	1,370.93	34.43
<i>For Factory Installation In New Fixtures, Deduct</i>	-50.50	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.15	
26 01 50 52-0257 EA 225 To 450 Lumens, One Lamp, Four Hour Illumination, Emergency Fluorescent Ballast (Bodine B54).....	398.90	22.96
<i>For Factory Installation In New Fixtures, Deduct</i>	-45.91	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.77	
26 01 50 52-0258 EA 325 To 1,000 Lumens, One Or Two Lamp, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B84CG).....	670.43	28.69
<i>For Factory Installation In New Fixtures, Deduct</i>	-48.21	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.46	
26 01 50 52-0259 EA 300 To 750 Lumens, One Or Two Lamp, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B94CG).....	367.59	28.69
<i>For Factory Installation In New Fixtures, Deduct</i>	-48.21	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.46	
26 01 50 52-0260 EA 200 To 625 Lumens, One Lamp, Ninety Minute Illumination, Damp Location, Emergency Compact Fluorescent Ballast (Bodine B413).....	502.54	22.96
<i>For Factory Installation In New Fixtures, Deduct</i>	-45.91	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.77	
26 01 50 52-0261 EA 300 To 650 Lumens, One Lamp, Damp Location, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B463).....	389.02	22.96
<i>For Factory Installation In New Fixtures, Deduct</i>	-45.91	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.77	
26 01 50 52-0262 EA 450 To 950 Lumens, One Or Two Lamp, Ninety Minute Illumination, Damp Location, Emergency Compact Fluorescent Ballast (Bodine B426).....	439.63	28.69
<i>For Factory Installation In New Fixtures, Deduct</i>	-48.21	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.46	
26 01 50 52-0263 EA 1,100 To 1,400 Lumens, One Or Two Lamp, Ninety Minute Illumination, Damp Location, Emergency Fluorescent Ballast (Bodine BDL500).....	476.00	28.69
<i>For Factory Installation In New Fixtures, Deduct</i>	-48.21	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.46	
26 01 50 52-0264 EA 600 To 700 Lumens, Two Lamp, Damp Location, Emergency Fluorescent Ballast (Bodine BDL600).....	400.14	28.69
<i>For Factory Installation In New Fixtures, Deduct</i>	-48.21	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.46	

26 Electrical**26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0265	EA		600 To 700 Lumens, One Lamp, Two Hour Illumination, Emergency Fluorescent Ballast (Bodine BDL700).....	406.44	22.96
			<i>For Factory Installation In New Fixtures, Deduct</i>	-45.91	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.77	
26 01 50 52-0266	EA		500 To 600 Lumens, One Lamp, Damp Location, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine BDL900).....	353.84	22.96
			<i>For Factory Installation In New Fixtures, Deduct</i>	-45.91	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.77	
26 01 50 52-0267	EA		300 To 750 Lumens, One Or Two Lamp, Damp Location, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine BDL94C).....	367.59	28.69
			<i>For Factory Installation In New Fixtures, Deduct</i>	-48.21	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.46	
26 01 50 52-0268	EA		450 Lumens, One Lamp, Low Profile, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine LP400).....	359.51	22.96
			<i>For Factory Installation In New Fixtures, Deduct</i>	-45.91	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.77	
26 01 50 52-0269	EA		1,100 To 1,400 Lumens, One Or Two Lamp, Self Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50ST).....	659.85	28.69
			<i>For Factory Installation In New Fixtures, Deduct</i>	-48.21	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.46	
26 01 50 52-0270	EA		1,800 To 3,500 Lumens, One Or Two Lamp, Self Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B30ST).....	825.76	28.69
			<i>For Factory Installation In New Fixtures, Deduct</i>	-48.21	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.46	
26 01 50 52-0271	EA		1,450 To 3,500 Lumens, One Or Two Lamp, Remote Control Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B30RCT).....	1,547.47	28.69
			<i>For Factory Installation In New Fixtures, Deduct</i>	-48.21	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.46	
26 01 50 52-0272	EA		1,100 To 1,400 Lumens, One Or Two Lamp, Remote Control Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50RCT).....	1,074.16	28.69
			<i>For Factory Installation In New Fixtures, Deduct</i>	-48.21	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.46	
26 01 50 52-0273	EA		1,100 To 3,100 Lumens, One Or Two Lamp, Central Battery, Emergency Fluorescent Ballast With Voltage Sensing Circuit (Bodine CB90-48).....	544.98	28.69
			<i>For Factory Installation In New Fixtures, Deduct</i>	-48.21	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.46	
26 01 50 52-0274	EA		1,050 To 3,200 Lumens, One Lamp, Interim Lighting For Generator Backup, Five Minute Illumination, Emergency Fluorescent Ballast (Bodine GEN1).....	707.40	22.96
			<i>For Factory Installation In New Fixtures, Deduct</i>	-45.91	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.77	
26 01 50 52-0275	EA		250 Watt, Self-Diagnostic, Ninety Minute Illumination, Fluorescent Emergency Lighting Inverter (Bodine ELI-250-SD).....	3,969.20	28.69
			<i>For Factory Installation In New Fixtures, Deduct</i>	-45.91	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.77	
26 01 50 52-0276			LED Emergency Ballasts (26 01 50 52-0001)		
26 01 50 52-0277	EA		Up To 520 Lumens, Ninety Minute Illumination, 120-277 Volt, 4 Watt Output, Emergency LED Driver (Bodine BSL4L).....	137.06	22.96
			<i>For Factory Installation In New Fixtures, Deduct</i>	-45.91	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.77	
26 01 50 52-0278	EA		Up To 780 Lumens, Ninety Minute Illumination, 120-277 Volt, 6 Watt Output, Emergency LED Driver (Bodine BSL6LST).....	204.67	22.96
			<i>For Factory Installation In New Fixtures, Deduct</i>	-45.91	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.77	
26 01 50 52-0279	EA		Up To 975 Lumens, Ninety Minute Illumination, 120-277 Volt, 7.5 Watt Output, Emergency LED Driver (Bodine BSL17C).....	245.23	22.96
			<i>For Factory Installation In New Fixtures, Deduct</i>	-45.91	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.77	
26 01 50 52-0280	EA		Up To 1,300 Lumens, Ninety Minute Illumination, 120-277 Volt, 10 Watt Output, Emergency LED Driver (Bodine BSL310).....	274.17	22.96
			<i>For Factory Installation In New Fixtures, Deduct</i>	-45.91	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.77	
26 01 50 52-0281	EA		Up To 2,200 Lumens, Ninety Minute Illumination, 120-277 Volt, 18 Watt Output, Emergency LED Driver (Bodine BSL718).....	281.49	22.96
			<i>For Factory Installation In New Fixtures, Deduct</i>	-45.91	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.77	
26 01 50 52-0282	EA		Up To 2,600 Lumens, Ninety Minute Illumination, 120-277 Volt, 20 Watt Output, Emergency LED Driver (Bodine BSL20LV).....	366.24	22.96
			<i>For Factory Installation In New Fixtures, Deduct</i>	-45.91	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.77	
26 01 50 52-0283	EA		Up To 2,300 Lumens, Ninety Minute Illumination, 120-277 Volt, 23 Watt LED Emergency Battery Backup (LiteTronics EB23UQ).....	434.23	22.96
			<i>For Factory Installation In New Fixtures, Deduct</i>	-45.91	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.77	
26 01 50 52-0284			Compact Fluorescent Ballasts (26 01 50 52-0001)		
26 01 50 52-0285			Compact Fluorescent Electronic Ballasts (26 01 50 52-0284) Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0286			18 Watt, Compact Fluorescent Electronic Ballasts (26 01 50 52-0285)		
26 01 50 52-0287	EA		1 Lamp, 18 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast.....	113.01	22.96
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.89	
26 01 50 52-0288	EA		2 Lamp, 18 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast.....	118.74	28.69
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.61	
26 01 50 52-0289			26 Watt, Compact Fluorescent Electronic Ballasts (26 01 50 52-0285)		
26 01 50 52-0290	EA		1 Lamp, 26 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast.....	113.01	22.96
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.89	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0291 EA 2 Lamp, 26 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	118.74 8.61	28.69
26 01 50 52-0292 32 Watt, Compact Fluorescent Electronic Ballasts (26 01 50 52-0285)		
26 01 50 52-0293 EA 1 Lamp, 32 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	140.27 6.89	22.96
26 01 50 52-0294 EA 2 Lamp, 32 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	146.00 8.61	28.69
26 01 50 52-0295 40 Watt, Compact Fluorescent Electronic Ballasts (26 01 50 52-0285)		
26 01 50 52-0296 EA 1 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	109.76 6.89	22.96
26 01 50 52-0297 EA 1 Lamp, 40 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	140.27 6.89	22.96
26 01 50 52-0298 EA 2 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	207.06 8.61	28.69
26 01 50 52-0299 EA 2 Lamp, 40 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	146.00 8.61	28.69
26 01 50 52-0300 EA 3 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	244.70 10.33	34.43
26 01 50 52-0301 42 Watt, Compact Fluorescent Electronic Ballasts (26 01 50 52-0285)		
26 01 50 52-0302 EA 1 Lamp, 42 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	140.27 6.89	22.96
26 01 50 52-0303 EA 2 Lamp, 42 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	146.00 8.61	28.69
26 01 50 52-0304 55 Watt, Compact Fluorescent Electronic Ballasts (26 01 50 52-0285)		
26 01 50 52-0305 EA 1 Lamp, 55 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	140.27 6.89	22.96
26 01 50 52-0306 EA 2 Lamp, 55 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	146.00 8.61	28.69
26 01 50 52-0307 Dimming, Compact Fluorescent Electronic Ballasts (26 01 50 52-0284)		
26 01 50 52-0308 Dimming To 5%, Compact Fluorescent Electronic Ballasts (26 01 50 52-0307) Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0309 18 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts (26 01 50 52-0308)		
26 01 50 52-0310 EA 1 Lamp, 18 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	209.98 6.89	22.96
26 01 50 52-0311 EA 2 Lamp, 18 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	215.71 8.61	28.69
26 01 50 52-0312 26 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts (26 01 50 52-0308)		
26 01 50 52-0313 EA 1 Lamp, 26 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	209.98 6.89	22.96
26 01 50 52-0314 EA 2 Lamp, 26 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	215.71 8.61	28.69
26 01 50 52-0315 32 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts (26 01 50 52-0308)		
26 01 50 52-0316 EA 1 Lamp, 32 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	209.98 6.89	22.96
26 01 50 52-0317 EA 2 Lamp, 32 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	230.76 8.61	28.69
26 01 50 52-0318 40 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts (26 01 50 52-0308)		
26 01 50 52-0319 EA 2 Lamp, 40 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	230.76 8.61	28.69
26 01 50 52-0320 42 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts (26 01 50 52-0308)		
26 01 50 52-0321 EA 1 Lamp, 42 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	209.98 6.89	22.96
26 01 50 52-0322 EA 2 Lamp, 42 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	230.76 8.61	28.69
26 01 50 52-0323 55 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts (26 01 50 52-0308)		
26 01 50 52-0324 EA 1 Lamp, 55 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	336.10 6.89	22.96
26 01 50 52-0325 EA 2 Lamp, 55 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	377.23 8.61	28.69

26 Electrical

26 01 Operation and Maintenance of Electrical Systems

26 01 50 Operation and Maintenance of Lighting

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 01 50 52-0326	High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0001)</small>		
26 01 50 52-0327	Magnetic High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0326)</small>		
26 01 50 52-0328	Core And Coil High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0327)</small>		
26 01 50 52-0329	Metal Halide, Core And Coil High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0328)</small>		
26 01 50 52-0330	EA 1 Lamp, 100 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	178.48	28.69
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	
26 01 50 52-0331	EA 1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	182.96	28.69
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	
26 01 50 52-0332	EA 1 Lamp, 250 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	182.96	28.69
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	
26 01 50 52-0333	EA 1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	170.22	28.69
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	
26 01 50 52-0334	EA 1 Lamp, 400 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	170.22	28.69
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	
26 01 50 52-0335	EA 1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	255.56	28.69
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	
26 01 50 52-0336	EA 1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	255.56	28.69
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	
26 01 50 52-0337	EA 1 Lamp, 1,500 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	330.73	28.69
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	
26 01 50 52-0338	EA 1 Lamp, 1,500 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	369.07	28.69
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	
26 01 50 52-0339	High Pressure Sodium, Core And Coil High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0328)</small>		
26 01 50 52-0340	EA 1 Lamp, 50 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....	160.81	28.69
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	
26 01 50 52-0341	EA 1 Lamp, 70 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....	170.81	28.69
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	
26 01 50 52-0342	EA 1 Lamp, 100 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....	166.49	28.69
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	
26 01 50 52-0343	EA 1 Lamp, 150 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....	196.55	28.69
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	
26 01 50 52-0344	EA 1 Lamp, 150 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....	192.26	28.69
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	
26 01 50 52-0345	EA 1 Lamp, 250 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....	220.15	28.69
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	
26 01 50 52-0346	EA 1 Lamp, 250 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....	220.15	28.69
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	
26 01 50 52-0347	EA 1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....	266.54	28.69
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	
26 01 50 52-0348	EA 1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....	266.54	28.69
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	
26 01 50 52-0349	EA 1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....	429.33	28.69
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	
26 01 50 52-0350	EA 1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....	429.33	28.69
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	
26 01 50 52-0351	Mounting Brackets For Core And Coil High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0328)</small>		
26 01 50 52-0352	EA Single Mounting Bracket For Core And Coil Type	17.40	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.44	
26 01 50 52-0353	EA Double Mounting Bracket For Core And Coil Type	29.12	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.17	
26 01 50 52-0354	F-Can High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0327)</small>		
26 01 50 52-0355	Metal Halide, F-Can High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0354)</small>		
26 01 50 52-0356	EA 1 Lamp, 70 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast.....	227.75	28.69
	For Pulse Start Ballast, Add	18.76	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	
26 01 50 52-0357	EA 1 Lamp, 100 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast.....	240.15	28.69
	For Pulse Start Ballast, Add	20.00	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	
26 01 50 52-0358	EA 1 Lamp, 175 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast.....	218.35	28.69
	For Pulse Start Ballast, Add	17.82	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	
26 01 50 52-0359	EA 1 Lamp, 250 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast.....	254.18	28.69
	For Pulse Start Ballast, Add	21.40	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	
26 01 50 52-0360	EA 1 Lamp, 400 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast.....	354.58	28.69
	For Pulse Start Ballast, Add	31.44	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	
26 01 50 52-0361	High Pressure Sodium, F-Can High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0354)</small>		
26 01 50 52-0362	EA 1 Lamp, 70 Watt High Pressure Sodium, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast.....	274.76	28.69
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	
26 01 50 52-0363	EA 1 Lamp, 100 Watt High Pressure Sodium, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast.....	294.10	28.69
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 01 50 52-0364	Postline High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0327)</small>		
26 01 50 52-0365	Metal Halide, Postline High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0364)</small>		
26 01 50 52-0366	EA 1 Lamp, 50 Watt Metal Halide, 120 Volt, Postline High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	460.17 12.05	28.69
26 01 50 52-0367	High Pressure Sodium, Postline High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0364)</small>		
26 01 50 52-0368	EA 1 Lamp, 70 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	711.26 12.02	28.62
26 01 50 52-0369	EA 1 Lamp, 100 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	793.70 12.02	28.62
26 01 50 52-0370	EA 1 Lamp, 150 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	765.18 12.02	28.62
26 01 50 52-0371	Indoor Enclosed High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0327)</small>		
26 01 50 52-0372	Metal Halide, Indoor Enclosed High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0371)</small>		
26 01 50 52-0373	EA 1 Lamp, 175 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	567.57 12.05	28.69
26 01 50 52-0374	EA 1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	644.77 12.05	28.69
26 01 50 52-0375	EA 1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	852.97 12.05	28.69
26 01 50 52-0376	EA 1 Lamp, 400 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	848.49 12.05	28.69
26 01 50 52-0377	EA 2 Lamp, 400 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,190.28 12.74	30.99
26 01 50 52-0378	EA 2 Lamp, 400 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,190.28 12.74	30.99
26 01 50 52-0379	EA 1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	817.86 12.05	28.69
26 01 50 52-0380	EA 1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	962.96 12.05	28.69
26 01 50 52-0381	High Pressure Sodium, Indoor Enclosed High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0371)</small>		
26 01 50 52-0382	EA 1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,062.74 12.05	28.69
26 01 50 52-0383	EA 1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,011.60 12.05	28.69
26 01 50 52-0384	EA 1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,301.55 12.05	28.69
26 01 50 52-0385	EA 1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,301.55 12.05	28.69
26 01 50 52-0386	Outdoor Weatherproof High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0327)</small>		
26 01 50 52-0387	Metal Halide, Outdoor Weatherproof High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0386)</small>		
26 01 50 52-0388	EA 1 Lamp, 175 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	638.31 12.05	28.69
26 01 50 52-0389	EA 1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	689.84 12.05	28.69
26 01 50 52-0390	EA 1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	684.76 12.05	28.69
26 01 50 52-0391	EA 1 Lamp, 400 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	719.29 12.05	28.69
26 01 50 52-0392	EA 2 Lamp, 400 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,145.26 12.74	30.99
26 01 50 52-0393	EA 2 Lamp, 400 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,408.87 12.74	30.99
26 01 50 52-0394	EA 1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,068.74 12.05	28.69
26 01 50 52-0395	EA 1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	972.62 12.05	28.69
26 01 50 52-0396	High Pressure Sodium, Outdoor Weatherproof High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0386)</small>		
26 01 50 52-0397	EA 1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	825.29 12.05	28.69
26 01 50 52-0398	EA 1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	890.28 12.05	28.69
26 01 50 52-0399	EA 1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,331.55 12.05	28.69
26 01 50 52-0400	EA 1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,145.11 12.05	28.69

26 Electrical
26 01 Operation and Maintenance of Electrical Systems
26 01 50 Operation and Maintenance of Lighting

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 01 50 52-0401	Electronic High Intensity Discharge (HID) Ballasts (26 01 50 52-0326)		
26 01 50 52-0402	Electronic Low Frequency High Intensity Discharge (HID) Ballasts (26 01 50 52-0401)		
26 01 50 52-0403	EA 1 Lamp, 70 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast.....	252.46	28.69
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	
26 01 50 52-0404	EA 1 Lamp, 100 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast.....	252.46	28.69
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	
26 01 50 52-0405	EA 1 Lamp, 150 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast.....	285.03	28.69
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	
26 01 50 52-0406	EA 1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast.....	741.51	28.69
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	
26 01 50 52-0407	EA 1 Lamp, 300 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast.....	741.51	28.69
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	
26 01 50 52-0408	EA 1 Lamp, 320 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast.....	741.51	28.69
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	
26 01 50 52-0409	EA 1 Lamp, 350 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast.....	741.51	28.69
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	
26 01 50 52-0410	EA 1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast.....	741.51	28.69
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	
26 01 50 52-0411	Owner Supplied Ballasts (26 01 50 52-0001)		
26 01 50 52-0412	EA Install Owner Supplied, 1 Lamp Fluorescent Ballast.....	22.96	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.89	
26 01 50 52-0413	EA Install Owner Supplied, 2 Lamp Fluorescent Ballast.....	28.69	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.61	
26 01 50 52-0414	EA Install Owner Supplied, 3 Lamp Fluorescent Ballast.....	33.29	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.99	
26 01 50 52-0415	EA Install Owner Supplied, 4 Lamp Fluorescent Ballast.....	35.58	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.67	
26 01 50 52-0416	EA Install Owner Supplied, 1 Lamp High Intensity Discharge (HID) Ballast.....	40.17	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.05	
26 01 50 52-0417	EA Install Owner Supplied, 2 Lamp High Intensity Discharge (HID) Ballast.....	42.47	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.74	
26 01 50 53	Lens and Accessory Replacement (26 01 50)		
26 01 50 53-0001	Lens and Accessory Replacement (26 01 50 53)		
26 01 50 53-0002	EA Removal And Replacement Of Parabolic Aluminum Louver.....	82.96	
26 01 50 53-0003	EA Removal And Replacement Of Visor For Fixtures.....	181.01	
26 01 50 53-0004	EA Removal And Replacement Of Globe On Pole.....	206.37	
26 01 50 53-0005	EA Removal And Replacement Of Lenses For Flat Top Pole Fixtures.....	86.02	
26 01 50 53-0006	EA Removal And Replacement Of 1' x 4' Diffuser With 0.125" Thick Prismatic Acrylic Diffuser.....	29.40	
26 01 50 53-0007	EA Removal And Replacement Of 2' x 2' Diffuser With 0.125" Thick Prismatic Acrylic Diffuser.....	30.45	
26 01 50 53-0008	EA Removal And Replacement Of 2' x 4' Diffuser With 0.125" Thick Prismatic Acrylic Diffuser.....	34.99	
26 01 50 53-0009	EA Removal And Replacement Of Slide-On Lampholder.....	13.09	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.44	
26 01 50 53-0010	EA Removal And Replacement Of Screw Mount Lampholder.....	13.25	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.44	
26 01 50 53-0011	EA Removal And Replacement Of Medium Bi-Pin Lampholder.....	14.64	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.44	
26 01 50 53-0012	EA Removal And Replacement Of Fixed High Output Lampholder, Recessed, Double Contact Double Pedestal Type.....	16.77	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.44	
26 01 50 53-0013	EA Removal And Replacement Of Plunger High Output Lampholder, Recessed, Double Contact Double Pedestal Type.....	18.15	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.44	
26 01 50 53-0014	EA Removal And Replacement Of Compact Twin-Tube Lampholder, Snap-in.....	14.43	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.44	
26 01 50 53-0015	EA Removal And Replacement Of Exterior Light Globes.....	53.69	
26 01 50 81	Luminaire Replacement (26 01 50)		
26 01 50 81-0001	Retrofit Lighting Fixtures (26 01 50 81)		
26 01 50 81-0002	LED Lighting Retrofits For Existing Fixtures (26 01 50 81-0001)		
26 01 50 81-0003	LED Lighting Retrofits For Existing Downlight Fixtures (GreenCreative) (26 01 50 81-0002)		
	Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0370 for disposal of hazardous lamps.		
26 01 50 81-0004	EA 7" Round Downlight, 15 Watt, 2700K CCT, LED Retrofit (GreenCreative 15SMRP7DIM/927).....	111.42	
26 01 50 81-0005	EA 7" Round Downlight, 15 Watt, 3000K CCT, LED Retrofit (GreenCreative 15SMRP7DIM/930).....	111.42	
26 01 50 81-0006	EA 7" Round Downlight, 15 Watt, 4000K CCT, LED Retrofit (GreenCreative 15SMRP7DIM/940).....	111.42	
26 01 50 81-0007	EA 4" Diameter, 8.5 Watt, 2700K CCT, THINFIT LED Downlight, (GreenCreative 8.5DLNC4DIM/827).....	90.32	
26 01 50 81-0008	EA 4" Diameter, 8.5 Watt, 3000K CCT, THINFIT LED Downlight, (GreenCreative 8.5DLNC4DIM/830).....	90.32	
26 01 50 81-0009	EA 4" Diameter, 8.5 Watt, 4000K CCT, THINFIT LED Downlight, (GreenCreative 8.5DLNC4DIM/840).....	90.32	
26 01 50 81-0010	EA 6" Diameter, 11.6 Watt, 2700K CCT, THINFIT LED Downlight, (GreenCreative 11.6DLNC6DIM/827).....	99.20	
26 01 50 81-0011	EA 6" Diameter, 11.6 Watt, 3000K CCT, THINFIT LED Downlight, (GreenCreative 11.6DLNC6DIM/830).....	99.20	
26 01 50 81-0012	EA 6" Diameter, 11.6 Watt, 4000K CCT, THINFIT LED Downlight, (GreenCreative 11.6DLNC6DIM/840).....	99.20	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 01 50 81-0013	LED Lighting Retrofits For Existing Site Fixtures (Daylight Technology) <small>(26 01 50 81-0002)</small> Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0370 for disposal of hazardous lamps.		
26 01 50 81-0014	EA 2,300 Lumens, 23 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-20w)	334.65	
26 01 50 81-0015	EA 3,300 Lumens, 33 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-30w)	347.97	
26 01 50 81-0016	EA 4,400 Lumens, 44 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-40w)	361.30	
26 01 50 81-0017	EA 5,400 Lumens, 54 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-50w)	376.91	
26 01 50 81-0018	EA 6,500 Lumens, 65 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-60w)	415.78	
26 01 50 81-0019	EA 7,600 Lumens, 75 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-70w)	431.39	
26 01 50 81-0020	EA 8,600 Lumens, 86 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-80w)	468.04	
26 01 50 81-0021	EA 9,600 Lumens, 96 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-90w)	481.36	
26 01 50 81-0022	EA 10,700 Lumens, 107 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-100w)	496.97	
26 01 50 81-0023	EA 11,700 Lumens, 117 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-110w)	521.40	
26 01 50 81-0024	EA 12,800 Lumens, 128 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-120w)	547.01	
26 01 50 81-0025	EA 13,800 Lumens, 138 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-130w)	572.55	
26 01 50 81-0026	EA 14,900 Lumens, 149 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-140w)	585.88	
26 01 50 81-0027	EA 16,100 Lumens, 161 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-150w)	608.08	
26 01 50 81-0028	EA 17,200 Lumens, 172 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-160w)	633.72	
26 01 50 81-0029	EA 18,200 Lumens, 182 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-170w)	661.48	
26 01 50 81-0030	EA 19,300 Lumens, 193 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-180w)	703.68	
26 01 50 81-0031	EA 20,300 Lumens, 203 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-190w)	722.55	
26 01 50 81-0032	EA 21,400 Lumens, 214 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-200w)	754.82	
26 01 50 81-0033	EA 22,400 Lumens, 224 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-210w)	798.13	
26 01 50 81-0034	EA 23,500 Lumens, 235 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-220w)	820.34	
26 01 50 81-0035	EA 24,500 Lumens, 245 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-230w)	872.63	
26 01 50 81-0036	EA 25,600 Lumens, 256 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-240w)	921.48	
26 01 50 81-0037	EA 26,600 Lumens, 266 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-250w)	954.86	
26 01 50 81-0038	EA 27,700 Lumens, 277 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-260w)	1,002.61	
26 01 50 81-0039	EA 28,700 Lumens, 287 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-270w)	1,094.84	
26 01 50 81-0040	EA 29,800 Lumens, 298 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-280w)	1,105.95	
26 01 50 81-0041	EA 31,900 Lumens, 319 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-300w)	1,133.82	

26 01 50 81-0042	LED Lighting Retrofits For Existing Fixtures (Optilumen) <small>(26 01 50 81-0002)</small> Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0370 for disposal of hazardous lamps.		
26 01 50 81-0043	EA 20 Watt, 1 x 42", 3500L CCT, LED Retrofit Kit (Optilumen RKT1418M-35)..... Note: Fits 1' x 4' Troffer/Strip	139.40	
26 01 50 81-0044	EA 20 Watt, 1 x 42", 4000L CCT, LED Retrofit Kit (Optilumen RKT1418M-40)..... Note: Fits 1' x 4' Troffer/Strip	139.40	
26 01 50 81-0045	EA 20 Watt, 1 x 42", 5000L CCT, LED Retrofit Kit (Optilumen RKT1418M-50)..... Note: Fits 1' x 4' Troffer/Strip	139.40	
26 01 50 81-0046	EA 30 Watt, 2 x 42", 3500L CCT, LED Retrofit Kit (Optilumen RKT2415M-35)..... Note: Fits 2' x 4' Troffer/Strip	144.95	
26 01 50 81-0047	EA 2 x 42", 30 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT2415M-40)	144.95	
26 01 50 81-0048	EA 2 x 42", 30 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT2415M-50)	144.95	
26 01 50 81-0049	EA 2 x 42", 40 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT2418M-35)	156.06	
26 01 50 81-0050	EA 2 x 42", 40 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT2418M-40)	156.06	
26 01 50 81-0051	EA 2 x 42", 40 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT2418M-50)	156.06	
26 01 50 81-0052	EA 3 x 42", 30 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3415M-35)	144.95	
26 01 50 81-0053	EA 3 x 42", 30 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3415M-40)	144.95	
26 01 50 81-0054	EA 3 x 42", 30 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3415M-50)	144.95	
26 01 50 81-0055	EA 3 x 42", 40 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3418M-35)	156.06	
26 01 50 81-0056	EA 3 x 42", 40 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3418M-40)	156.06	
26 01 50 81-0057	EA 3 x 42", 40 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3418M-50)	156.06	
26 01 50 81-0058	EA 3 x 42", 60 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3424M-35)	178.26	
26 01 50 81-0059	EA 3 x 42", 60 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3424M-40)	178.26	
26 01 50 81-0060	EA 3 x 42", 60 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3424M-50)	178.26	
26 01 50 81-0061	EA 1 x 21", 10 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT1209M-35)	139.40	
26 01 50 81-0062	EA 1 x 21", 10 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT1209M-40)	139.40	
26 01 50 81-0063	EA 1 x 21", 10 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT1209M-50)	139.40	
26 01 50 81-0064	EA 2 x 21", 22 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT2209M-35)	139.40	
26 01 50 81-0065	EA 2 x 21", 22 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT2209M-40)	139.40	
26 01 50 81-0066	EA 2 x 21", 22 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT2209M-50)	139.40	

26 Electrical**26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 01 50 81-0067	EA	3 x 21", 20 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3209M-35).....	144.95	
		Note: Fits 2' x 2' Troffer/Strip		
26 01 50 81-0068	EA	3 x 21", 20 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3209M-40).....	144.95	
		Note: Fits 2' x 2' Troffer/Strip		
26 01 50 81-0069	EA	3 x 21", 20 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3209M-50).....	144.95	
		Note: Fits 2' x 2' Troffer/Strip		
26 01 50 81-0070	EA	3 x 21", 30 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3210M-35).....	151.61	
		Note: Fits 2' x 2' Troffer/Strip		
26 01 50 81-0071	EA	3 x 21", 30 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3210M-40).....	151.61	
		Note: Fits 2' x 2' Troffer/Strip		
26 01 50 81-0072	EA	3 x 21", 30 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3210M-50).....	151.61	
		Note: Fits 2' x 2' Troffer/Strip		

26 01 50 81-0073 LED Lighting Retrofits For Existing Lay-In/Troffer Fixtures (LG) (26 01 50 81-0002)

Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0370 for disposal of hazardous lamps.

26 01 50 81-0074	EA	34 Watt, 3500K CCT, 2' x 4', Retrofit Troffer LED Fixture With Sensor (LG LGE-2X4RT-34-35-4400-R(W)-SN).....	324.23	
26 01 50 81-0075	EA	34 Watt, 4000K CCT, 2' x 4', Retrofit Troffer LED Fixture With Sensor (LG LGE-2X4RT-34-40-4500-R(W)-SN).....	324.23	
26 01 50 81-0076	EA	26 Watt, 3500K CCT, 2' x 2', Retrofit Troffer LED Fixture With Sensor (LG LGE-2X2RT-26-35-3400-R(W)-SN).....	292.03	
26 01 50 81-0077	EA	26 Watt, 4000K CCT, 2' x 2', Retrofit Troffer LED Fixture With Sensor (LG LGE-2X2RT-26-40-3400-R(W)-SN).....	292.03	
26 01 50 81-0078	EA	25 Watt, 3,250 Lumens, 3500K CCT, Lay-In Retrofit 2' x 2' Troffer (LG LGE-2X2SI-25-35-3200-RV).....	142.56	
		Note: No sensor, ZigBee ready driver		
26 01 50 81-0079	EA	25 Watt, 3,250 Lumens, 4000K CCT, Lay-In Retrofit 2' x 2' Troffer (LG LGE-2X2SI-25-40-3200-RV).....	142.56	
		Note: No sensor, ZigBee ready driver		
26 01 50 81-0080	EA	31 Watt, 4,050 Lumens, 3500K CCT, Lay-In Retrofit 2' x 4' Troffer (LG LGE-2X2SI-31-35-3200-RV).....	163.66	
		Note: No sensor, ZigBee ready driver		
26 01 50 81-0081	EA	31 Watt, 4,050 Lumens, 4000K CCT, Lay-In Retrofit 2' x 4' Troffer (LG LGE-2X2SI-31-40-3200-RV).....	163.66	
		Note: No sensor, ZigBee ready driver		
26 01 50 81-0082	EA	25 Watt, 3,250 Lumens, 3500K CCT, Lay-In Retrofit 2' x 2' Troffer With Sensor Connect (LG LGE-2X2SC-25-35-3200-RV).....	179.21	
		Note: Factory installed sensor and ZigBee dongle		
26 01 50 81-0083	EA	25 Watt, 3,250 Lumens, 4000K CCT, Lay-In Retrofit 2' x 2' Troffer With Sensor Connect (LG LGE-2X2SC-25-40-3200-RV).....	179.21	
		Note: Factory installed sensor and ZigBee dongle		
26 01 50 81-0084	EA	31 Watt, 3,250 Lumens, 3500K CCT, Lay-In Retrofit 2' x 4' Troffer With Sensor Connect (LG LGE-2X2SC-31-35-3200-RV).....	184.76	
		Note: Factory installed sensor and ZigBee dongle		
26 01 50 81-0085	EA	31 Watt, 3,250 Lumens, 4000K CCT, Lay-In Retrofit 2' x 4' Troffer With Sensor Connect (LG LGE-2X2SC-31-40-3200-RV).....	184.76	
		Note: Factory installed sensor and ZigBee dongle		
26 01 50 81-0086	EA	2' x 2' 2-Board, 25 Watt, 3,120 Lumens, 3500K CCT, Retrofit Board Kits (LG LGE-2BDK-25-35-3120).....	110.36	
		Note: No sensor, ZigBee ready driver		
26 01 50 81-0087	EA	2' x 2' 2-Board, 25 Watt, 3,120 Lumens, 4000K CCT, Retrofit Board Kits (LG LGE-2BDK-25-40-3120).....	110.36	
		Note: No sensor, ZigBee ready driver		
26 01 50 81-0088	EA	2' x 4' 4-Board, 31 Watt, 3,120 Lumens, 3500K CCT, Retrofit Board Kits (LG LGE-4BDK-31-35-3880).....	123.69	
		Note: No sensor, ZigBee ready driver		
26 01 50 81-0089	EA	2' x 4' 4-Board, 31 Watt, 3,120 Lumens, 4000K CCT, Retrofit Board Kits (LG LGE-4BDK-31-40-3880).....	123.69	
		Note: No sensor, ZigBee ready driver		
26 01 50 81-0090	EA	2' x 2' 2-Board, 25 Watt, 3,120 Lumens, 3500K CCT, With Lens Retrofit Board Kits (LG LGE-2BDK-25-35-3120-L).....	113.69	
		Note: No sensor, ZigBee ready driver		
26 01 50 81-0091	EA	2' x 2' 2-Board, 25 Watt, 3,120 Lumens, 4000K CCT, With Lens Retrofit Board Kits (LG LGE-2BDK-25-40-3120-L).....	113.69	
		Note: No sensor, ZigBee ready driver		
26 01 50 81-0092	EA	2' x 4' 4-Board, 31 Watt, 3,120 Lumens, 3500K CCT, With Lens Retrofit Board Kits (LG LGE-4BDK-31-35-3880-L).....	127.02	
		Note: No sensor, ZigBee ready driver		
26 01 50 81-0093	EA	2' x 4' 4-Board, 31 Watt, 3,120 Lumens, 4000K CCT, With Lens Retrofit Board Kits (LG LGE-4BDK-31-40-3880-L).....	127.02	
		Note: No sensor, ZigBee ready driver		
26 01 50 81-0094	EA	6" Diameter, 16 Watt, 1,450 Lumens, 3500K CCT, Comm Retrofit Downlight (LG LGE-CRDL-16-35-1450).....	112.58	
		Note: No sensor, ZigBee ready driver		
26 01 50 81-0095	EA	6" Diameter, 16 Watt, 1,450 Lumens, 4000K CCT, Comm Retrofit Downlight (LG LGE-CRDL-16-40-1450).....	112.58	
		Note: No sensor, ZigBee ready driver		
26 01 50 81-0096	EA	8" Diameter, 22 Watt, 2,000 Lumens, 3500K CCT, Comm Retrofit Downlight (LG LGE-CRDL-22-35-2000).....	122.58	
		Note: No sensor, ZigBee ready driver		
26 01 50 81-0097	EA	8" Diameter, 22 Watt, 2,000 Lumens, 4000K CCT, Comm Retrofit Downlight (LG LGE-CRDL-22-40-2000).....	122.58	
		Note: No sensor, ZigBee ready driver		

26 01 50 81-0098 LED Lighting Retrofit Accessories (LG) (26 01 50 81-0002)

See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0370 for disposal of hazardous lamps.

26 01 50 81-0099	EA	Dongle (LG LGE-DONGLE).....	23.99	
26 01 50 81-0100	EA	1-group On/Off/Dim, 2-Button, Wireless Switch (LG LGE-SWITCH-BAT-2B).....	131.19	13.05
26 01 50 81-0101	EA	2-group On/Off/Dim, 4-Button, Wireless Switch (LG LGE-SWITCH-BAT-4B).....	136.40	15.66
26 01 50 81-0102	EA	1-group On/Off/Dim, 2-Button, AC Powered Switch (LG LGE-SWITCH-AC-2B).....	168.72	13.05
26 01 50 81-0103	EA	2-group On/Off/Dim, 4-Button, AC Powered Switch (LG LGE-SWITCH-AC-4B).....	173.93	15.66
26 01 50 81-0104	EA	Photo, Motion Sensor With ZigBee Dongle plugin (LG LGE-MULTI-SENSOR).....	86.56	10.44
26 01 50 81-0105	EA	Tube Clip For Multi Sensor (LG LGE-TUBE-CLIP).....	28.61	10.44
26 01 50 81-0106	EA	Ceiling Plate For Multi Sensor (LG LGE-CEILING-PLATE).....	30.81	10.44
26 01 50 81-0107	EA	Wireless Interface Module (LG PIHN-W005A).....	81.04	15.66
		Note: includes dongle		

26 01 50 81-0108 Retrofit Existing (T12) Fluorescent Fixtures (26 01 50 81-0001)

Note: Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 02 84 16 00-0008 for leaking ballast disposal, 26 01 50 51-0370 for hazardous lamp recycling.

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 01 50 81-0109	Retrofit Existing (T12) Strip Style Fluorescent Fixtures Without Reflector <small>(26 01 50 81-0109)</small>	<p>Note: Includes ballast, white reflective ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.</p>		
26 01 50 81-0110	EA Retrofit An Existing 4' (T12) Strip Style Fixture Without Reflector To Operate One 4' (T8) Lamp.....		101.82	
	<i>For Specular Ballast Cover, Add</i>		12.35	
26 01 50 81-0111	EA Retrofit An Existing 4' (T12) Strip Style Fixture Without Reflector To Operate Two 4' (T8) Lamps.....		108.29	
	<i>For Specular Ballast Cover, Add</i>		13.65	
26 01 50 81-0112	EA Retrofit An Existing 8' (T12) Strip Style Fixture Without Reflector To Operate Two 4' (T8) Lamps.....		148.17	
	<i>For Specular Ballast Cover, Add</i>		21.62	
26 01 50 81-0113	EA Retrofit An Existing 8' (T12) Strip Style Fixture Without Reflector To Operate Four 4' (T8) Lamps.....		170.26	
	<i>For Specular Ballast Cover, Add</i>		26.04	

26 01 50 81-0114	Retrofit Existing (T12) Strip Style Fluorescent Fixtures With Reflector <small>(26 01 50 81-0114)</small>	<p>Note: Includes ballast, white reflector and ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.</p>		
26 01 50 81-0115	EA Retrofit An Existing 4' (T12) Strip Style Fixture With Reflector To Operate One 4' (T8) Lamp.....		107.68	
	<i>For Specular Reflector, Add</i>		13.52	
26 01 50 81-0116	EA Retrofit An Existing 4' (T12) Strip Style Fixture With Reflector To Operate Two 4' (T8) Lamps.....		114.86	
	<i>For Specular Reflector, Add</i>		14.96	
26 01 50 81-0117	EA Retrofit An Existing 8' (T12) Strip Style Fixture With Reflector To Operate Two 4' (T8) Lamps.....		156.38	
	<i>For Specular Reflector, Add</i>		23.26	
26 01 50 81-0118	EA Retrofit An Existing 8' (T12) Strip Style Fixture With Reflector To Operate Four 4' (T8) Lamps.....		199.42	
	<i>For Specular Reflector, Add</i>		31.87	

26 01 50 81-0119	Retrofit Existing (T12) Troffer Style Fluorescent Fixtures <small>(26 01 50 81-0119)</small>	<p>Note: Includes ballast, white reflector and ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.</p>		
26 01 50 81-0120	EA Retrofit An Existing 1 x 4 (T12) Troffer Style Fixture To Operate One 4' (T8) Lamps.....		134.38	
	<i>For Specular Reflector, Add</i>		16.57	
26 01 50 81-0121	EA Retrofit An Existing 1 x 4 (T12) Troffer Style Fixture To Operate Two 4' (T8) Lamps.....		140.85	
	<i>For Specular Reflector, Add</i>		17.87	
26 01 50 81-0122	EA Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Two 2' (T8) Lamps.....		143.61	
	<i>For Specular Reflector, Add</i>		18.42	
26 01 50 81-0123	EA Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Three 2' (T8) Lamps.....		160.78	
	<i>For Specular Reflector, Add</i>		21.85	
26 01 50 81-0124	EA Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Four 2' (T8) Lamps.....		195.28	
	<i>For Specular Reflector, Add</i>		28.75	
26 01 50 81-0125	EA Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Two 4' (T8) Lamps.....		147.89	
	<i>For Specular Reflector, Add</i>		19.28	
26 01 50 81-0126	EA Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Three 4' (T8) Lamps.....		162.50	
	<i>For Specular Reflector, Add</i>		22.20	
26 01 50 81-0127	EA Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Four 4' (T8) Lamps.....		174.67	
	<i>For Specular Reflector, Add</i>		24.63	

26 01 50 81-0128	Retrofit Existing Recessed Lay-In/Troffer Fixtures <small>(26 01 50 81-0001)</small>			
26 01 50 81-0129	Fluorescent Volumetric Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Lithonia) <small>(26 01 50 81-0128)</small>	<p>Note: Includes removing existing lamps and ballast. Includes installing adaptor frame, volumetric reflectors, lamps and ballasts. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0370 for disposal of hazardous lamps.</p>		
26 01 50 81-0130	EA 2 T8 Lamps, 0.78 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R).....		161.19	
26 01 50 81-0131	EA 2 T8 Lamps, 0.88 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R).....		161.19	
26 01 50 81-0132	EA 2 T8 Lamps, 1.20 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R).....		161.19	
26 01 50 81-0133	EA 2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R).....		175.01	
26 01 50 81-0134	EA 2 T8 Lamps, 0.78 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT).....		161.19	
26 01 50 81-0135	EA 2 T8 Lamps, 0.88 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT).....		161.19	
26 01 50 81-0136	EA 2 T8 Lamps, 1.20 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT).....		161.19	
26 01 50 81-0137	EA 2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT).....		175.01	
26 01 50 81-0138	EA 2 T8 Lamps, 0.78 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R).....		162.26	
26 01 50 81-0139	EA 2 T8 Lamps, 0.88 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R).....		162.26	
26 01 50 81-0140	EA 2 T8 Lamps, 1.20 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R).....		162.26	
26 01 50 81-0141	EA 2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R).....		176.08	
26 01 50 81-0142	EA 2 T8 Lamps, 0.78 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT).....		162.26	
26 01 50 81-0143	EA 2 T8 Lamps, 0.88 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT).....		162.26	
26 01 50 81-0144	EA 2 T8 Lamps, 1.20 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT).....		162.26	
26 01 50 81-0145	EA 2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT).....		176.08	

26 Electrical**26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 01 50 81-0146		LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (PlanLED) <small>(26 01 50 81-0128)</small>	
		Note: Includes adaptor frame, optical system, LEDs and driver. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0370 for disposal of hazardous lamps.	
26 01 50 81-0147	EA	2,400 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (PlanLED FR3E-025).....	220.75
26 01 50 81-0148	EA	4,300 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (PlanLED FR3E-045).....	230.15
26 01 50 81-0149		LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Raffino™) <small>(26 01 50 81-0128)</small>	
		Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0370 for disposal of hazardous lamps.	
26 01 50 81-0150	EA	1,800 Lumens, 1' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR14-1800L).....	337.53
26 01 50 81-0151	EA	2,600 Lumens, 1' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR14-2700L).....	345.70
26 01 50 81-0152	EA	2,200 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR22-2200L).....	337.53
26 01 50 81-0153	EA	3,300 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR22-3300L).....	345.70
26 01 50 81-0154	EA	3,300 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-3000L).....	386.56
26 01 50 81-0155	EA	4,150 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-4000L).....	398.82
26 01 50 81-0156	EA	5,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-5000L).....	427.42
26 01 50 81-0157		LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Orion) <small>(26 01 50 81-0128)</small>	
		Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0370 for disposal of hazardous lamps.	
26 01 50 81-0158	EA	3,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-030L-FO-UNV-FDX-840-22-1P-CT-M-ST).....	312.52
26 01 50 81-0159	EA	3,500 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-035L-FO-UNV-FDX-840-22-1P-CT-M-ST).....	323.92
26 01 50 81-0160	EA	3,200 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-032L-FO-UNV-FDX-840-24-1P-CT-M-ST).....	327.33
26 01 50 81-0161	EA	3,800 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-038L-FO-UNV-FDX-840-24-1P-CT-M-ST).....	338.73
26 01 50 81-0162	EA	2,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1A1UNVFDX84022MST).....	235.58
26 01 50 81-0163	EA	4,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1B1UNVFDX84022MST).....	241.00
26 01 50 81-0164	EA	3,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1D1UNVFDX84024MST).....	249.66
26 01 50 81-0165	EA	4,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1E1UNVFDX84024MST).....	255.07
26 01 50 81-0166	EA	6,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1F1UNVFDX84024MST).....	315.71
26 01 50 81-0167	EA	8,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1G1UNVFDX84024MST).....	376.34
26 01 50 81-0168		Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components) <small>(26 01 50 81-0128)</small>	
		Note: Includes adaptor frame, optical system, lamps and ballasts. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0370 for disposal of hazardous lamps.	
26 01 50 81-0169	EA	1 T5 Lamp, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	282.24
26 01 50 81-0170	EA	1 T8 Lamp, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	208.61
26 01 50 81-0171	EA	2 T5 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	290.33
26 01 50 81-0172	EA	2 T8 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	216.69
26 01 50 81-0173	EA	3 T5 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	304.57
26 01 50 81-0174	EA	3 T8 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	236.86
26 01 50 81-0175	EA	1 T5 Lamp, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	333.23
26 01 50 81-0176	EA	1 T8 Lamp, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	259.43
26 01 50 81-0177	EA	2 T5 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	340.77
26 01 50 81-0178	EA	2 T8 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	267.11

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 01 50 81-0179	EA		3 T5 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	354.77	
26 01 50 81-0180	EA		3 T8 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	287.12	
26 01 50 81-0181			LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL2R/RT) <small>(26 01 50 81-0128)</small>		
			Note: Includes removing existing lamps and ballast. Includes installing LED light engine assembly, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0370 for disposal of hazardous lamps.		
26 01 50 81-0182	EA		3,300 Lumens, 2' x 2', LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL2R/RT).....	624.89	
26 01 50 81-0183	EA		4,800 Lumens, 2' x 4', LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL4R/RT).....	694.57	
26 01 50 81-0184			Retrofit Existing HID Fixtures <small>(26 01 50 81-0001)</small>		
26 01 50 81-0185	EA		Tear Drop LED Retrofit Kit (Holophane LTDR2 P35S 40K AS BK TDRD 3 P).....	1,411.38	
26 01 50 81-0186			LED Lighting Retrofits For Existing Fluorescent Fixtures <small>(26 01 50 81-0001)</small>		
			Note: Excludes recycling or disposal of lamps and ballasts. See CSI section 26 01 50 51-0370 for disposal of hazardous lamps.		
26 01 50 81-0187			LED Lightbar Retrofit For Existing Fluorescent Fixtures (Lithonia) <small>(26 01 50 81-0186)</small>		
26 01 50 81-0188	EA		2' Length, 2 Bar, 2,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 2FT 2 2000LMHE 80CRI 35K MIN10 GZT MVOLT).....	119.53	
			For >25 To 50, Deduct	-5.98	
			For >50 To 100, Deduct	-10.25	
			For >100, Deduct	-17.10	
26 01 50 81-0189	EA		2' Length, 4 Bar, 8,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 2FT 4 8000LMHE 80CRI MIN10 GZT MVOLT).....	177.84	
			For >25 To 50, Deduct	-8.89	
			For >50 To 100, Deduct	-14.63	
			For >100, Deduct	-22.94	
26 01 50 81-0190	EA		3' Length, 2 Bar, 4,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 3FT 2 4000LMHE 80CRI 35K MIN10 GZT MVOLT).....	130.31	
			For >25 To 50, Deduct	-6.52	
			For >50 To 100, Deduct	-11.13	
			For >100, Deduct	-18.47	
26 01 50 81-0191	EA		3' Length, 1 Bar, 1,600 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 3FT 1 1600LMHE 80CRI 35K MIN10 GZT MVOLT).....	118.93	
			For >25 To 50, Deduct	-5.95	
			For >50 To 100, Deduct	-10.28	
			For >100, Deduct	-17.33	
26 01 50 81-0192	EA		4' Length, 2 Bar, 6,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 2 6000LMHE 80CRI 35K MIN10 GZT MVOLT).....	158.29	
			For >25 To 50, Deduct	-7.91	
			For >50 To 100, Deduct	-13.30	
			For >100, Deduct	-21.55	
26 01 50 81-0193	EA		4' Length, 4 Bar, 6,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 4 6000LMHE 80CRI 35K MIN10 GZT MVOLT).....	208.82	
			For >25 To 50, Deduct	-10.44	
			For >50 To 100, Deduct	-17.09	
			For >100, Deduct	-26.61	
26 01 50 81-0194	EA		4' Length, 1 Bar, 3,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 1 3000LMHE 80CRI 35K MIN10 GZT MVOLT).....	128.81	
			For >25 To 50, Deduct	-6.44	
			For >50 To 100, Deduct	-11.09	
			For >100, Deduct	-18.60	
26 01 50 81-0195	EA		4' Length, 1 Bar, 4,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 1 4000LMHE 80CRI 35K MIN10 GZT MVOLT).....	128.81	
			For >25 To 50, Deduct	-6.44	
			For >50 To 100, Deduct	-11.09	
			For >100, Deduct	-18.60	
26 01 50 81-0196	EA		4' Length, 4 Bar, 8,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 4 8000LMHE 80CRI 35K MIN10 GZT MVOLT).....	168.40	
			For >25 To 50, Deduct	-8.42	
			For >50 To 100, Deduct	-14.06	
			For >100, Deduct	-22.56	
26 01 50 81-0197	EA		4' Length, 2 Bar, 4,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 2 4000LMHE 80CRI 35K MIN10 GZT MVOLT).....	141.44	
			For >25 To 50, Deduct	-7.07	
			For >50 To 100, Deduct	-12.04	
			For >100, Deduct	-19.87	
26 01 50 81-0198	EA		4' Length, 2 Bar, 3,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 2 3000LMHE 80CRI 35K MIN10 GZT MVOLT).....	141.44	
			For >25 To 50, Deduct	-7.07	
			For >50 To 100, Deduct	-12.04	
			For >100, Deduct	-19.87	
26 01 50 81-0199			LED Retrofit For Existing Fluorescent Fixtures (Lithonia) <small>(26 01 50 81-0186)</small>		

26 Electrical**26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 01 50 81-0200	EA	1'x 4', 4,000 Lumens, 3500K CCT, Square Smooth Diffuser, Dimming LED Relight Assembly (Lithonia BLT4R F 40LHE SDSMT MVOLT EZ1 LP835 NLTAIR2).....	296.04
		<i>For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add</i>	201.54
		<i>For nLight AIR radio module without sensor (nLight RIO), Add</i>	131.01
		<i>For >25 To 50, Deduct</i>	-14.80
		<i>For >50 To 100, Deduct</i>	-23.63
		<i>For >100, Deduct</i>	-35.33
26 01 50 81-0201	EA	1'x 4', 4,800 Lumens, 3500K CCT, Curved Smooth Diffuser, Dimming LED Relight Assembly (Lithonia BLT4R 48LHE ADSMT MVOLT EZ1 LP835 NLTAIR2).....	319.94
		<i>For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add</i>	201.54
		<i>For nLight AIR radio module without sensor (nLight RIO), Add</i>	131.01
		<i>For >25 To 50, Deduct</i>	-16.00
		<i>For >50 To 100, Deduct</i>	-25.43
		<i>For >100, Deduct</i>	-37.72
26 01 50 81-0202	EA	2'x 2', 3,300 Lumens, 3500K CCT, Square Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT2R 33LHE SDSMT MVOLT EZ1 LP835 NLTAIR2).....	337.81
		<i>For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add</i>	201.54
		<i>For nLight AIR radio module without sensor (nLight RIO), Add</i>	131.01
		<i>For >25 To 50, Deduct</i>	-16.89
		<i>For >50 To 100, Deduct</i>	-26.77
		<i>For >100, Deduct</i>	-39.50
26 01 50 81-0203	EA	2'x 2', 4,000 Lumens, 3500K CCT, Square Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT2R F 40LHE SDSMT MVOLT EZ1 LP835 NLTAIR2).....	365.72
		<i>For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add</i>	201.54
		<i>For nLight AIR radio module without sensor (nLight RIO), Add</i>	131.01
		<i>For >25 To 50, Deduct</i>	-18.29
		<i>For >50 To 100, Deduct</i>	-28.86
		<i>For >100, Deduct</i>	-42.30
26 01 50 81-0204	EA	2'x 4', 4,000 Lumens, 3500K CCT, Curved Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT4R 40LHE ADSMT MVOLT EZ1 LP835 NLTAIR2 RIO).....	390.92
		<i>For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add</i>	201.54
		<i>For nLight AIR radio module without sensor (nLight RIO), Add</i>	131.01
		<i>For >25 To 50, Deduct</i>	-19.55
		<i>For >50 To 100, Deduct</i>	-31.04
		<i>For >100, Deduct</i>	-45.96
26 01 50 81-0205	EA	2'x 4', 4,800 Lumens, 3500K CCT, Curved Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT4R 48LHE ADSMT MVOLT EZ1 LP835 NLTAIR2 RIO).....	423.34
		<i>For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add</i>	201.54
		<i>For nLight AIR radio module without sensor (nLight RIO), Add</i>	131.01
		<i>For >25 To 50, Deduct</i>	-21.17
		<i>For >50 To 100, Deduct</i>	-33.47
		<i>For >100, Deduct</i>	-49.20

26 01 50 81-0206 LED Lighting Retrofits For Existing Fluorescent Fixtures (ELED Lights) (26 01 50 81-0186)

Note: Includes removal of existing fluorescent lamps, installing LED strip lighting and trim. Excludes recycling or disposal of lamps. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0370 for disposal of hazardous lamps.

26 01 50 81-0207	EA	2' Dimmable, 20 Watts, 2900 Lumens, 4000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X2STRPD20W40).....	100.74
		Note: Kit contains two 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver	
		<i>For >25 To 50, Deduct</i>	-5.04
		<i>For >50 To 100, Deduct</i>	-8.84
		<i>For >100, Deduct</i>	-15.23
26 01 50 81-0208	EA	2' Dimmable, 20 Watts, 2900 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X2STRPD20W50).....	100.74
		Note: Kit contains two 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver	
		<i>For >25 To 50, Deduct</i>	-5.04
		<i>For >50 To 100, Deduct</i>	-8.84
		<i>For >100, Deduct</i>	-15.23
26 01 50 81-0209	EA	4' Dimmable, 32 Watts, 5000 Lumens, 4000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X4STRPD32W40).....	132.83
		Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver	
		<i>For >25 To 50, Deduct</i>	-6.64
		<i>For >50 To 100, Deduct</i>	-11.39
		<i>For >100, Deduct</i>	-19.01
26 01 50 81-0210	EA	4' Dimmable, 32 Watts, 5000 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X4STRPD32W50).....	132.83
		Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver	
		<i>For >25 To 50, Deduct</i>	-6.64
		<i>For >50 To 100, Deduct</i>	-11.39
		<i>For >100, Deduct</i>	-19.01
26 01 50 81-0211	EA	4' Dimmable, 35 Watts, 5500 Lumens, 3000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN30).....	132.94
		Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver	
		<i>For >25 To 50, Deduct</i>	-6.65
		<i>For >50 To 100, Deduct</i>	-11.40
		<i>For >100, Deduct</i>	-19.02
26 01 50 81-0212	EA	4' Dimmable, 35 Watts, 5500 Lumens, 3000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN30F).....	145.06
		Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver	
		<i>For >25 To 50, Deduct</i>	-7.25
		<i>For >50 To 100, Deduct</i>	-12.31
		<i>For >100, Deduct</i>	-20.23

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0213	EA			4' Dimmable, 35 Watts, 5500 Lumens, 3500K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN35).....	132.94	
				Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
				For >25 To 50, Deduct	-6.65	
				For >50 To 100, Deduct	-11.40	
				For >100, Deduct	-19.02	
26 01 50 81-0214	EA			4' Dimmable, 35 Watts, 5500 Lumens, 3500K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN35F).....	145.06	
				Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
				For >25 To 50, Deduct	-7.25	
				For >50 To 100, Deduct	-12.31	
				For >100, Deduct	-20.23	
26 01 50 81-0215	EA			4' Dimmable, 35 Watts, 5500 Lumens, 4000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN40).....	132.94	
				Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
				For >25 To 50, Deduct	-6.65	
				For >50 To 100, Deduct	-11.40	
				For >100, Deduct	-19.02	
26 01 50 81-0216	EA			4' Dimmable, 35 Watts, 5500 Lumens, 4000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN40F).....	145.06	
				Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
				For >25 To 50, Deduct	-7.25	
				For >50 To 100, Deduct	-12.31	
				For >100, Deduct	-20.23	
26 01 50 81-0217	EA			4' Dimmable, 35 Watts, 5500 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN50).....	132.94	
				Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
				For >25 To 50, Deduct	-6.65	
				For >50 To 100, Deduct	-11.40	
				For >100, Deduct	-19.02	
26 01 50 81-0218	EA			4' Dimmable, 35 Watts, 5500 Lumens, 5000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN50F).....	145.06	
				Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
				For >25 To 50, Deduct	-7.25	
				For >50 To 100, Deduct	-12.31	
				For >100, Deduct	-20.23	
26 01 50 81-0219	EA			4' Dimmable, 46 Watts, 6800 Lumens, 5000K, Ultra High Lumen Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X4STRPD46W50).....	144.96	
				Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
				For >25 To 50, Deduct	-7.25	
				For >50 To 100, Deduct	-12.30	
				For >100, Deduct	-20.22	
26 01 50 81-0220	EA			4' Dimmable, 31 Watts, 5730 Lumens, 4000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40).....	170.91	
				Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
				For >25 To 50, Deduct	-8.55	
				For >50 To 100, Deduct	-14.25	
				For >100, Deduct	-22.81	
26 01 50 81-0221	EA			4' Dimmable, 31 Watts, 5730 Lumens, 4000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40F).....	186.06	
				Note: Kit contains two 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
				For >25 To 50, Deduct	-9.30	
				For >50 To 100, Deduct	-15.39	
				For >100, Deduct	-24.33	
26 01 50 81-0222	EA			4' Dimmable, 31 Watts, 5730 Lumens, 5000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50).....	170.91	
				Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
				For >25 To 50, Deduct	-8.55	
				For >50 To 100, Deduct	-14.25	
				For >100, Deduct	-22.81	
26 01 50 81-0223	EA			4' Dimmable, 31 Watts, 5730 Lumens, 5000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50F).....	186.06	
				Note: Kit contains two 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
				For >25 To 50, Deduct	-9.30	
				For >50 To 100, Deduct	-15.39	
				For >100, Deduct	-24.33	
26 01 50 81-0224	EA			20 Watts, Emergency Battery Backup, For Use With 2' And 4' Linear LED Retrofit Kits (ELEDLIGHTS BLD-AM20D-480800).....	185.76	
				Note: 90-minute emergency battery with DIP switch-selectable power output of 10 Watts, 15 Watts, or 20 Watts		
				For >25 To 50, Deduct	-9.29	
				For >50 To 100, Deduct	-14.22	
				For >100, Deduct	-19.72	
26 01 50 81-0225	EA			20 Watts, Emergency Battery Backup, For Use With 2' And 4' Linear LED Retrofit Kits (ELEDLIGHTS EM-HM-20W).....	170.42	
				Note: 90-minute emergency battery with power output of 20 Watts		
				For >25 To 50, Deduct	-8.52	
				For >50 To 100, Deduct	-13.07	
				For >100, Deduct	-18.19	
26 01 50 81-0226	EA			8' Dimmable, 46 Watts, 7400 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4X4STRPD46W50).....	172.74	
				Note: Kit contains four 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
				For >25 To 50, Deduct	-8.64	
				For >50 To 100, Deduct	-14.82	
				For >100, Deduct	-24.71	

26 Electrical
26 01 Operation and Maintenance of Electrical Systems
26 01 50 Operation and Maintenance of Lighting

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 01 50 81-0227	EA	8' Dimmable, 49 Watts, 6680 Lumens, 5000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4X4STRPD49W50F).....	180.32	
		Note: Kit contains four 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	-9.02	
		For >50 To 100, Deduct	-15.38	
		For >100, Deduct	-25.47	
26 01 50 81-0228	EA	8' Dimmable, 64 Watts, 11850 Lumens, 4000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40).....	254.77	
		Note: Kit contains four 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	-12.74	
		For >50 To 100, Deduct	-20.97	
		For >100, Deduct	-32.92	
26 01 50 81-0229	EA	8' Dimmable, 64 Watts, 11850 Lumens, 4000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40F).....	285.08	
		Note: Kit contains four 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	-14.25	
		For >50 To 100, Deduct	-23.24	
		For >100, Deduct	-35.95	
26 01 50 81-0230	EA	8' Dimmable, 64 Watts, 11850 Lumens, 5000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50).....	254.77	
		Note: Kit contains four 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	-12.74	
		For >50 To 100, Deduct	-20.97	
		For >100, Deduct	-32.92	
26 01 50 81-0231	EA	8' Dimmable, 64 Watts, 11850 Lumens, 5000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50F).....	285.08	
		Note: Kit contains four 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	-14.25	
		For >50 To 100, Deduct	-23.24	
		For >100, Deduct	-35.95	

26 05 Common Work Results for Electrical ⁽²⁶⁾

26 05 13 Medium-Voltage Cables ^(26 05)

26 05 13 16 Medium-Voltage, Single-and Multi-Conductor Cables ^(26 05 13)

26 05 13 16-0001		Wire And Cable ^(26 05 13 16) Note: Pulled in conduit except as noted. Includes pull wires, pulling branch circuit conductors, testing, and splicing (#8 and lighter). All conductors are copper except as otherwise noted. No special set-up is required. Excludes terminations.		
26 05 13 16-0002		Wire Connections ^(26 05 13 16-0001)		
26 05 13 16-0003		Medium Voltage Up To 5 KV ^(26 05 13 16-0002)		
26 05 13 16-0004		Shielded One Conductor Cable Splice ^(26 05 13 16-0003)		
26 05 13 16-0005	EA	#6 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	373.62	114.27
26 05 13 16-0006	EA	#2 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	516.42	114.27
26 05 13 16-0007	EA	1/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	516.42	114.27
26 05 13 16-0008	EA	2/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	550.43	137.11
26 05 13 16-0009	EA	3/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	550.43	137.11
26 05 13 16-0010	EA	4/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	550.43	137.11
26 05 13 16-0011	EA	250 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	595.76	159.97
26 05 13 16-0012	EA	350 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	595.76	159.97
26 05 13 16-0013	EA	500 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	595.76	159.97
26 05 13 16-0014		Cable Termination Without Stress Cone ^(26 05 13 16-0003)		
26 05 13 16-0015	EA	#6 To 4/0 AWG Cable Termination Without Stress Cone, Medium Voltage To 5 KV	575.15	137.11
26 05 13 16-0016	EA	250 To 500 MCM Cable Termination Without Stress Cone, Medium Voltage To 5 KV	663.05	159.97
26 05 13 16-0017		Cable Termination With Stress Cone ^(26 05 13 16-0003)		
26 05 13 16-0018	EA	#6 To 4/0 AWG Cable Termination With Stress Cone, Medium Voltage To 5 KV	1,771.29	274.23
26 05 13 16-0019	EA	250 To 500 MCM Cable Termination With Stress Cone, Medium Voltage To 5 KV	2,431.96	377.07
26 05 13 16-0020		Connect To Pothead, Pothead Included ^(26 05 13 16-0003)		
26 05 13 16-0021	EA	#6 To 4/0 AWG Connection To Pothead (Included) Medium Voltage To 5 KV	1,857.53	274.23
26 05 13 16-0022	EA	250 To 500 MCM Connection To Pothead (Included) Medium Voltage To 5 KV	2,391.28	314.23
26 05 13 16-0023		Two Conductor Pothead ^(26 05 13 16-0003) Note: Includes 5 KV pothead.		
26 05 13 16-0024	EA	#6 To 4/0 AWG, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV	1,281.31	377.07
26 05 13 16-0025	EA	250 To 350 MCM, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV	1,731.52	479.91
26 05 13 16-0026	EA	400 To 700 MCM, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV	2,722.62	544.13
26 05 13 16-0027	EA	750 MCM, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV	4,538.41	634.85
26 05 13 16-0028	EA	1,000 MCM, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV	8,442.02	952.16
26 05 13 16-0029		Three Conductor Pothead ^(26 05 13 16-0003) Note: Includes 5 KV pothead.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 16-0030	EA		#6 To 4/0 AWG, Three Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV.....	5,640.13	548.47
26 05 13 16-0031	EA		250 To 500 MCM, Three Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV.....	6,158.67	639.88
26 05 13 16-0032			Copper Cable Splice, Crimp Compression Connection (26 05 13 16-0003)		
			Note: For bare wire.		
26 05 13 16-0033	EA		#6 AWG Crimp Compression Connection For Bare Copper Wire.....	77.05	
26 05 13 16-0034	EA		#4 AWG Crimp Compression Connection For Bare Copper Wire.....	85.39	
26 05 13 16-0035	EA		#3 AWG Crimp Compression Connection For Bare Copper Wire.....	99.54	
26 05 13 16-0036	EA		#2 AWG Crimp Compression Connection For Bare Copper Wire.....	112.48	
26 05 13 16-0037	EA		#1 AWG Crimp Compression Connection For Bare Copper Wire.....	127.13	
26 05 13 16-0038	EA		1/0 AWG Crimp Compression Connection For Bare Copper Wire.....	141.10	
26 05 13 16-0039	EA		2/0 AWG Crimp Compression Connection For Bare Copper Wire.....	154.79	
26 05 13 16-0040	EA		3/0 AWG Crimp Compression Connection For Bare Copper Wire.....	169.63	
26 05 13 16-0041	EA		4/0 AWG Crimp Compression Connection For Bare Copper Wire.....	183.79	
26 05 13 16-0042	EA		250 MCM Crimp Compression Connection For Bare Copper Wire.....	198.46	
26 05 13 16-0043	EA		300 MCM Crimp Compression Connection For Bare Copper Wire.....	213.80	
26 05 13 16-0044	EA		350 MCM Crimp Compression Connection For Bare Copper Wire.....	227.54	
26 05 13 16-0045	EA		400 MCM Crimp Compression Connection For Bare Copper Wire.....	257.80	
26 05 13 16-0046	EA		500 MCM Crimp Compression Connection For Bare Copper Wire.....	289.63	
26 05 13 16-0047			Aluminum Cable Splice, Crimp Compression Connection (26 05 13 16-0003)		
			Note: For bare wire.		
26 05 13 16-0048	EA		#6 AWG Crimp Compression Connection For Bare Aluminum Wire.....	80.13	
26 05 13 16-0049	EA		#4 AWG Crimp Compression Connection For Bare Aluminum Wire.....	87.09	
26 05 13 16-0050	EA		#2 AWG Crimp Compression Connection For Bare Aluminum Wire.....	118.09	
26 05 13 16-0051	EA		#1 AWG Crimp Compression Connection For Bare Aluminum Wire.....	141.40	
26 05 13 16-0052	EA		1/0 AWG Crimp Compression Connection For Bare Aluminum Wire.....	154.57	
26 05 13 16-0053	EA		2/0 AWG Crimp Compression Connection For Bare Aluminum Wire.....	167.66	
26 05 13 16-0054	EA		3/0 AWG Crimp Compression Connection For Bare Aluminum Wire.....	184.57	
26 05 13 16-0055	EA		4/0 AWG Crimp Compression Connection For Bare Aluminum Wire.....	199.59	
26 05 13 16-0056	EA		250 MCM Crimp Compression Connection For Bare Aluminum Wire.....	213.88	
26 05 13 16-0057	EA		300 MCM Crimp Compression Connection For Bare Aluminum Wire.....	228.87	
26 05 13 16-0058	EA		350 MCM Crimp Compression Connection For Bare Aluminum Wire.....	243.37	
26 05 13 16-0059	EA		400 MCM Crimp Compression Connection For Bare Aluminum Wire.....	280.47	
26 05 13 16-0060	EA		500 MCM Crimp Compression Connection For Bare Aluminum Wire.....	317.92	
26 05 13 16-0061			15 KV (26 05 13 16-0002)		
26 05 13 16-0062			Single Conductor Pothead On Racks (26 05 13 16-0061)		
			Note: Includes pothead.		
26 05 13 16-0063	EA		#2 To 4/0 AWG, Single Conductor, 15 KV Pothead (Included), On Racks.....	1,551.34	479.91
26 05 13 16-0064	EA		250 To 500 MCM, Single Conductor, 15 KV Pothead (Included), On Racks.....	1,984.42	594.17
26 05 13 16-0065			Two Conductor Pothead On Rack (26 05 13 16-0061)		
			Note: Includes pothead.		
26 05 13 16-0066	EA		#2 To 4/0 AWG, Two Conductors, 15 KV Pothead (Included), On Racks.....	2,272.99	731.28
26 05 13 16-0067	EA		250 To 500 MCM, Two Conductors, 15 KV Pothead (Included), On Racks.....	2,739.58	868.41
26 05 13 16-0068			Three Conductor Pothead On Rack (26 05 13 16-0061)		
			Note: Includes pothead.		
26 05 13 16-0069	EA		#2 To 4/0 AWG, Three Conductors, 15 KV Pothead (Included), On Racks.....	2,895.24	948.38
26 05 13 16-0070	EA		250 To 500 MCM, Three Conductors, 15 KV Pothead (Included), On Racks.....	3,605.15	1,188.34
26 05 13 16-0071			Stress Relief Cone On Rack (26 05 13 16-0061)		
26 05 13 16-0072	EA		#2 To 4/0 AWG Stress Relief Cone, On Rack.....	1,447.14	479.91
26 05 13 16-0073	EA		250 To 500 MCM Stress Relief Cone, On Rack.....	1,867.26	594.17
26 05 13 16-0074			Grounded, Shielded Cable Splice (26 05 13 16-0061)		
26 05 13 16-0075	EA		#2 To 4/0 AWG Cable Splice, Grounded, Shielded, 15 KV.....	986.80	354.22
26 05 13 16-0076	EA		250 To 500 MCM Cable Splice, Grounded, Shielded, 15 KV.....	1,263.03	457.05
26 05 13 16-0077	EA		3/0 To 500 MCM 15 KV Splice Kit, Cable Splice, Grounded, Shielded, Universal Mechanical Type CE - CE 2-Way.....	6,450.97	1,256.90
26 05 13 16-0078	EA		3/0 To 500 MCM 15 KV Splice Kit, Cable Splice, Grounded, Shielded, Universal Mechanical Type CE - CE 3-Way.....	8,382.00	1,371.17
26 05 13 16-0079			Cable Termination (26 05 13 16-0061)		
26 05 13 16-0080	EA		#2 To 3/0 AWG Cable Termination 15 KV.....	668.88	199.96
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	119.98	
26 05 13 16-0081	EA		4/0 To 250 MCM Cable Termination 15 KV.....	843.26	257.09
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	154.26	
26 05 13 16-0082	EA		350 To 500 MCM Cable Termination 15 KV.....	1,047.25	314.23
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	188.54	
26 05 13 16-0083	EA		#2 To 3/0 AWG Cable Elbow Termination 15 KV.....	431.41	114.27
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	68.56	
26 05 13 16-0084			Stress Cones, 5-15 KV, 4 Skirted (26 05 13 16-0061)		
26 05 13 16-0085	EA		#4 To 1/0 AWG Stress Cones, 5-15 KV, 4 Skirted.....	897.20	148.54

26 Electrical
26 05 Common Work Results for Electrical
26 05 13 Medium-Voltage Cables

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 05 13 16-0086	EA	2/0 To 3/0 AWG Stress Cones, 5-15 KV, 4 Skirted.....		1,024.07	164.17
26 05 13 16-0087	EA	4/0 To 350 MCM Stress Cones, 5-15 KV, 4 Skirted.....		1,222.42	179.67
26 05 13 16-0088	EA	400 To 500 MCM Stress Cones, 5-15 KV, 4 Skirted.....		1,582.03	207.00
26 05 13 16-0089		Stress Cones, 5-15 KV, 6 Skirted <small>(26 05 13 16-0061)</small>			
26 05 13 16-0090	EA	#4 To 1/0 AWG Stress Cones, 5-15 KV, 6 Skirted.....		1,794.44	297.59
26 05 13 16-0091	EA	2/0 To 3/0 AWG Stress Cones, 5-15 KV, 6 Skirted.....		2,048.41	328.35
26 05 13 16-0092	EA	4/0 To 350 MCM Stress Cones, 5-15 KV, 6 Skirted.....		2,431.50	352.67
26 05 13 16-0093	EA	400 To 500 MCM Stress Cones, 5-15 KV, 6 Skirted.....		3,164.06	414.00
26 05 13 16-0094		35 KV <small>(26 05 13 16-0002)</small>			
26 05 13 16-0095		35 KV One Conductor Splice <small>(26 05 13 16-0094)</small>			
26 05 13 16-0096	EA	#1 Stranded To 4/0 Stranded, 35 KV, Cable Splicing.....		2,469.32	
26 05 13 16-0097		Cable Termination <small>(26 05 13 16-0094)</small>			
26 05 13 16-0098	EA	#2 To 3/0 AWG Cable Termination, 35 KV.....		598.98	137.23
26 05 13 16-0099	EA	3/0 AWG To 250 MCM, 35 KV, Cable Termination.....		811.13	207.05
26 05 13 16-0100	EA	350 To 500 MCM Cable Termination 35 KV.....		948.29	221.44
26 05 13 16-0101	EA	#2 To 3/0 AWG Cable Elbow Termination 35 KV.....		473.37	114.27
26 05 13 16-0102		70 KV <small>(26 05 13 16-0002)</small>			
26 05 13 16-0103		Cable Splice <small>(26 05 13 16-0102)</small>			
26 05 13 16-0104	EA	350 MCM, 70 KV, Cable Splicing.....		14,422.85	
26 05 13 16-0105	EA	#2 To 4/0, 70 KV, Cable Splicing.....		2,574.73	
26 05 13 16-0106		5 KV Cable <small>(26 05 13 16-0001)</small>			
26 05 13 16-0107		Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Installed In Duct <small>(26 05 13 16-0106)</small>			
26 05 13 16-0108	MLF	#6 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....		3,581.72	908.27
26 05 13 16-0109	MLF	#4 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....		4,251.85	991.74
26 05 13 16-0110	MLF	#2 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....		5,083.76	1,120.51
26 05 13 16-0111	MLF	1/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....		6,607.78	1,380.52
26 05 13 16-0112	MLF	2/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....		7,528.70	1,554.59
26 05 13 16-0113	MLF	3/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....		9,267.41	1,725.55
26 05 13 16-0114	MLF	4/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....		10,431.93	1,938.84
26 05 13 16-0115	MLF	250 MCM, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....		12,404.99	2,157.03
26 05 13 16-0116	MLF	350 MCM, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....		14,451.68	2,575.46
26 05 13 16-0117	MLF	500 MCM, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....		18,252.27	3,027.38
26 05 13 16-0118	MLF	750 MCM, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....		27,334.82	3,568.10
26 05 13 16-0119	MLF	1,000 MCM, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....		36,423.07	4,108.56
26 05 13 16-0120		Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Direct Burial <small>(26 05 13 16-0106)</small>			
Note: Excludes excavation.					
26 05 13 16-0121	MLF	#6 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....		3,468.20	
26 05 13 16-0122	MLF	#4 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....		3,929.55	
26 05 13 16-0123	MLF	#2 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....		4,439.47	
26 05 13 16-0124	MLF	1/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....		5,526.92	
26 05 13 16-0125	MLF	2/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....		6,012.56	
26 05 13 16-0126	MLF	3/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....		7,536.66	
26 05 13 16-0127	MLF	4/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....		8,167.97	
26 05 13 16-0128	MLF	250 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....		9,813.80	
26 05 13 16-0129	MLF	350 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....		10,927.76	
26 05 13 16-0130	MLF	500 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....		13,700.62	
26 05 13 16-0131		Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Installed On Poles (Aerial) <small>(26 05 13 16-0106)</small>			
26 05 13 16-0132	MLF	#6 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....		2,811.89	568.00
26 05 13 16-0133	MLF	#4 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....		3,381.86	609.02
26 05 13 16-0134	MLF	#2 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....		4,317.29	770.16
26 05 13 16-0135	MLF	1/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....		5,626.86	934.94
26 05 13 16-0136	MLF	2/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....		6,542.09	1,097.55
26 05 13 16-0137	MLF	3/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....		8,269.85	1,255.16
26 05 13 16-0138	MLF	4/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....		9,432.66	1,456.33
26 05 13 16-0139	MLF	250 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....		11,853.43	1,832.17
26 05 13 16-0140	MLF	350 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....		14,138.15	2,318.26
26 05 13 16-0141	MLF	500 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....		18,379.68	2,912.68
26 05 13 16-0142		5 KV Non-Shielded Single Copper Conductor <small>(26 05 13 16-0106)</small>			
26 05 13 16-0143	MLF	1/0 AWG, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct.....		7,802.32	1,810.06
26 05 13 16-0144	MLF	2/0 AWG, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct.....		9,014.42	1,836.08
26 05 13 16-0145	MLF	3/0 AWG, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct.....		10,226.54	1,862.09
26 05 13 16-0146	MLF	4/0 AWG, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct.....		10,656.95	1,903.24

MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 13 16-0147	MLF 350 MCM, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct.....	12,781.80	1,975.85
26 05 13 16-0148	MLF 500 MCM, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct.....	18,285.39	2,070.72
26 05 13 16-0149	MLF 750 MCM, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct.....	28,318.66	2,588.40
26 05 13 16-0150	MLF 1,000 MCM, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct.....	32,660.42	3,451.23

26 05 13 16-0151 Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Installed In Duct (26 05 13 16-0106)

26 05 13 16-0152	MLF #6 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	3,817.74	908.27
26 05 13 16-0153	MLF #4 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	4,570.91	991.74
26 05 13 16-0154	MLF #2 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	5,494.60	1,120.51
26 05 13 16-0155	MLF #1 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	6,335.11	1,250.46
26 05 13 16-0156	MLF 1/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	7,175.97	1,380.52
26 05 13 16-0157	MLF 2/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	8,184.30	1,554.59
26 05 13 16-0158	MLF 3/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	10,159.03	1,725.55
26 05 13 16-0159	MLF 4/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	11,437.19	1,938.84
26 05 13 16-0160	MLF 250 MCM, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	13,667.24	2,157.03
26 05 13 16-0161	MLF 350 MCM, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	15,894.00	2,575.46
26 05 13 16-0162	MLF 500 MCM, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	20,175.36	3,027.38
26 05 13 16-0163	MLF 750 MCM, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	30,650.03	3,568.10
26 05 13 16-0164	MLF 1,000 MCM, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	41,130.36	4,108.56

26 05 13 16-0165 Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Direct Burial (26 05 13 16-0106)

Note: Excludes excavation.

26 05 13 16-0166	MLF #6 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	3,704.21	
26 05 13 16-0167	MLF #4 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	4,248.61	
26 05 13 16-0168	MLF #2 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	4,850.31	
26 05 13 16-0169	MLF #1 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	5,473.20	
26 05 13 16-0170	MLF 1/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	6,095.11	
26 05 13 16-0171	MLF 2/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	6,668.16	
26 05 13 16-0172	MLF 3/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	8,428.27	
26 05 13 16-0173	MLF 4/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	9,173.23	
26 05 13 16-0174	MLF 250 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	11,076.05	
26 05 13 16-0175	MLF 350 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	12,370.08	
26 05 13 16-0176	MLF 500 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	15,623.72	

26 05 13 16-0177 Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Installed On Poles (Aerial) (26 05 13 16-0106)

26 05 13 16-0178	MLF #6 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	3,047.91	568.00
26 05 13 16-0179	MLF #4 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	3,700.92	609.02
26 05 13 16-0180	MLF #2 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	4,728.13	770.16
26 05 13 16-0181	MLF #1 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	5,460.06	851.94
26 05 13 16-0182	MLF 1/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	6,195.05	934.94
26 05 13 16-0183	MLF 2/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	7,197.69	1,097.55
26 05 13 16-0184	MLF 3/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	9,161.47	1,255.16
26 05 13 16-0185	MLF 4/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	10,437.92	1,456.33
26 05 13 16-0186	MLF 250 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	13,115.68	1,832.17
26 05 13 16-0187	MLF 350 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	15,580.47	2,318.26
26 05 13 16-0188	MLF 500 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	20,302.77	2,912.68

26 05 13 16-0189 15 KV Cable (26 05 13 16-0001)

26 05 13 16-0190 Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable (26 05 13 16-0189)

26 05 13 16-0191 Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct (26 05 13 16-0190)

26 05 13 16-0192	MLF #4 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct.....	7,769.76	1,810.06
26 05 13 16-0193	MLF #2 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct.....	8,429.81	1,810.06
26 05 13 16-0194	MLF #1 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct.....	8,681.57	1,810.06
26 05 13 16-0195	MLF 1/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct.....	9,501.74	1,810.06
26 05 13 16-0196	MLF 2/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct.....	10,280.19	1,810.06
26 05 13 16-0197	MLF 3/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct.....	11,785.07	1,889.40
26 05 13 16-0198	MLF 4/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct.....	12,090.89	1,889.40
26 05 13 16-0199	MLF 250 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct.....	13,975.35	1,975.85
26 05 13 16-0200	MLF 350 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct.....	15,884.35	2,022.18
26 05 13 16-0201	MLF 500 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct.....	19,623.29	2,277.79

26 05 13 16-0202 Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial (26 05 13 16-0190)

Note: Excludes excavation.

26 05 13 16-0203	MLF #1 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	6,734.49	
26 05 13 16-0204	MLF 1/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	7,554.64	
26 05 13 16-0205	MLF 2/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	8,333.10	
26 05 13 16-0206	MLF 3/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	9,863.02	
26 05 13 16-0207	MLF 4/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	10,168.83	
26 05 13 16-0208	MLF 250 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	12,160.28	
26 05 13 16-0209	MLF 350 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	14,072.49	

26 Electrical
26 05 Common Work Results for Electrical
26 05 13 Medium-Voltage Cables

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 16-0210 MLF 500 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	17,552.59	
26 05 13 16-0211 Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) <small>(26 05 13 16-0190)</small>		
26 05 13 16-0212 MLF #1 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	6,300.25	811.42
26 05 13 16-0213 MLF 1/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	7,446.83	934.94
26 05 13 16-0214 MLF 2/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	8,654.89	1,097.55
26 05 13 16-0215 MLF 3/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	10,378.15	1,255.16
26 05 13 16-0216 MLF 4/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	11,215.45	1,456.33
26 05 13 16-0217 MLF 250 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	13,515.33	1,695.37
26 05 13 16-0218 MLF 350 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	16,048.66	1,975.54
26 05 13 16-0219 MLF 500 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	19,992.21	2,294.77
26 05 13 16-0220 Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable <small>(26 05 13 16-0189)</small>		
26 05 13 16-0221 Ethylene-Propylene Rubber (EPR), 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct <small>(26 05 13 16-0220)</small>		
26 05 13 16-0222 MLF #4 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct.....	8,353.79	1,810.06
26 05 13 16-0223 MLF #2 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct.....	9,132.64	1,810.06
26 05 13 16-0224 MLF #1 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct.....	9,429.73	1,810.06
26 05 13 16-0225 MLF 1/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct.....	10,397.52	1,810.06
26 05 13 16-0226 MLF 2/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct.....	11,316.09	1,810.06
26 05 13 16-0227 MLF 3/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct.....	13,056.18	1,889.40
26 05 13 16-0228 MLF 4/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct.....	13,417.05	1,889.40
26 05 13 16-0229 MLF 250 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct.....	15,601.77	1,975.85
26 05 13 16-0230 MLF 350 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct.....	17,833.55	2,022.18
26 05 13 16-0231 MLF 500 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct.....	22,130.48	2,277.79
26 05 13 16-0232 Ethylene-Propylene Rubber (EPR), 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial <small>(26 05 13 16-0220)</small>		
Note: Excludes excavation.		
26 05 13 16-0233 MLF #1 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	7,482.64	
26 05 13 16-0234 MLF 1/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	8,450.43	
26 05 13 16-0235 MLF 2/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	9,369.00	
26 05 13 16-0236 MLF 3/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	11,134.13	
26 05 13 16-0237 MLF 4/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	11,494.98	
26 05 13 16-0238 MLF 250 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	13,781.97	
26 05 13 16-0239 MLF 350 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	16,013.58	
26 05 13 16-0240 MLF 500 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	20,059.78	
26 05 13 16-0241 Ethylene-Propylene Rubber (EPR), 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) <small>(26 05 13 16-0220)</small>		
26 05 13 16-0242 MLF #1 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	7,048.40	811.42
26 05 13 16-0243 MLF 1/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	8,342.62	934.94
26 05 13 16-0244 MLF 2/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	9,690.79	1,097.55
26 05 13 16-0245 MLF 3/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	11,649.26	1,255.16
26 05 13 16-0246 MLF 4/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	12,541.60	1,456.33
26 05 13 16-0247 MLF 250 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	15,141.75	1,695.37
26 05 13 16-0248 MLF 350 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	17,997.85	1,975.54
26 05 13 16-0249 MLF 500 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	22,499.40	2,294.77
26 05 13 16-0250 15 KV Non-Shielded Single Copper Conductor <small>(26 05 13 16-0189)</small>		
26 05 13 16-0251 MLF 1/0 AWG, 15 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct.....	11,295.18	1,816.41
26 05 13 16-0252 MLF 2/0 AWG, 15 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct.....	9,715.16	1,859.82
26 05 13 16-0253 MLF 3/0 AWG, 15 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct.....	14,764.21	1,903.24
26 05 13 16-0254 MLF 350 MCM, 15 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct.....	20,402.17	2,030.08
26 05 13 16-0255 Shielded, Armored Copper, 15 KV, 3 Conductor Cable <small>(26 05 13 16-0189)</small>		
Note: Laid in cable tray or hung in vertical cable shaft.		
26 05 13 16-0256 Galvanized Steel Interlocked Armor Cable <small>(26 05 13 16-0255)</small>		
26 05 13 16-0257 LF 3 Conductors, #2 AWG, TC, 15 KV, Galvanized Armored Shielded Cable, Laid In Cable Tray Or Hung Vertically.....	52.68	13.85
26 05 13 16-0258 LF 3 Conductors, 1/0 AWG, TC, 15 KV, Galvanized Armored Shielded Cable, Laid In Cable Tray Or Hung Vertically.....	63.30	14.75
26 05 13 16-0259 Aluminum Interlocked Armor Cable <small>(26 05 13 16-0255)</small>		
26 05 13 16-0260 LF 3 Conductors, #2 AWG, TC, 15 KV, Aluminum Armored Shielded Cable, Laid In Cable Tray Or Hung Vertically.....	52.68	13.85
26 05 13 16-0261 LF 3 Conductor, 1/0 AWG, TC, 15 KV, Aluminum Armored Shielded Cable, Laid In Cable Tray Or Hung Vertically.....	63.30	14.75
26 05 13 16-0262 Type URD, 15 KV Primary Concentric UD Cable <small>(26 05 13 16-0189)</small>		
Note: 0.175" XLPE insulation, copper conductor.		
26 05 13 16-0263 MLF #4 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit.....	3,844.22	908.27
26 05 13 16-0264 MLF #2 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit.....	4,606.71	991.74
26 05 13 16-0265 MLF #1 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit.....	5,540.70	1,120.51
26 05 13 16-0266 MLF 1/0 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit.....	7,230.56	1,376.77

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 13 16-0267	MLF		2/0 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit.....	8,246.24	1,549.93
26 05 13 16-0268	MLF		3/0 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit.....	10,259.08	1,725.55
26 05 13 16-0269	MLF		4/0 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit.....	11,531.89	1,931.59

26 05 13 16-0270			15 KV, URD Copper Cable, Direct Burial <small>(26 05 13 16-0189)</small>		
26 05 13 16-0271	MLF		3 Conductors, #6 AWG, 15 KV, URD Copper Cable, Direct Burial.....	19,330.85	

26 05 19 Low-Voltage Electrical Power Conductors and Cables (26 05)

26 05 19 13 Undercarpet Electrical Power Cables (26 05 19)

26 05 19 13-0001 Under Carpet Power System <small>(26 05 19 13)</small>					
Note: Includes laying out, floor prep, taping, drill floor, folds, identifying, tagging and testing					
26 05 19 13-0002	LF		3-Conductor, #12 Flat Cable With Attached Bottom Shield.....	6.24	0.52
26 05 19 13-0003	LF		Steel, Top Shield.....	13.66	0.52
26 05 19 13-0004	EA		3-Conductor, Splice.....	34.53	8.87
26 05 19 13-0005	EA		Splice Top Shield For 3 Conductor.....	9.73	4.17
26 05 19 13-0006	EA		3-Conductor, Tap.....	43.15	10.44
26 05 19 13-0007	EA		Insulating Patch, Splice Tap And End.....	68.38	8.87
26 05 19 13-0008	EA		3-Conductor, Transition Block Assembly.....	44.69	5.22
26 05 19 13-0009	EA		Single, Direct Connected, Receptacle With Box.....	134.66	16.70
26 05 19 13-0010	EA		Dual, Direct Connected, Receptacle With Box.....	224.68	26.10
26 05 19 13-0011	EA		Floor Mounted Box With Cover.....	224.65	20.88
26 05 19 13-0012	LF		5-Conductor, #12 Cable With Attached Bottom Shield.....	9.98	0.52
26 05 19 13-0013	LF		Steel, Top Shield For 5-Conductor Cable.....	9.90	0.52
26 05 19 13-0014	EA		5-Conductor, Splice.....	35.01	8.87
26 05 19 13-0015	EA		5-Conductor, Transition Block Assembly.....	59.38	5.22
26 05 19 13-0016	EA		Box, Wall, Flush With Cover.....	99.13	20.88
26 05 19 13-0017	EA		Telephone, Transition Fitting Wall Box.....	64.83	17.23
26 05 19 13-0018	EA		RJ-45, Telephone Fitting With Duplex Jack And Cover.....	85.74	19.83
26 05 19 13-0019	EA		Miniature Telephone With Duplex RJ-45.....	37.01	7.83
26 05 19 13-0020	LF		4-Pair, Level 5, Under Carpet Telephone Wire.....	2.13	0.52
26 05 19 13-0021	EA		BNC, Coax Plug, Connector.....	28.90	10.44
26 05 19 13-0022	EA		TNC, Coax Plug, Connector.....	28.90	10.44
26 05 19 13-0023	CLF		Under Carpet Power System; Flat RG A/U 59, 75 Ohm, RG A/U 62, 93 Ohm, RG A/U 58, 50 Ohm.....	152.34	52.19

26 05 19 16 Low-Voltage, Single-and Multi-Conductor Cables (26 05 19)

26 05 19 16-0001 Cable Installation Methods <small>(26 05 19 16)</small>					
26 05 19 16-0002 Pull Cord <small>(26 05 19 16-0001)</small>					
Note: Left in conduit for others to pull cable. Not to be used when contractor has priced new wire in a conduit. Priced when owner wants a pull cord left in a conduit for owner to pull wire at a later time.					
26 05 19 16-0003	LF		Pull String Installed To Remain In Place, In Existing Conduit.....	0.36	
26 05 19 16-0004	LF		Pull String Installed To Remain In Place, In New Conduits.....	0.19	
26 05 19 16-0005	LF		1/4" Nylon Pull Cord Installed To Remain In Place, In Existing Conduit.....	0.63	
26 05 19 16-0006	LF		1/4" Nylon Pull Cord Installed To Remain In Place, In New Conduits.....	0.40	
26 05 19 16-0007 Bore Conduit Into Dirt Or Sand <small>(26 05 19 16-0001)</small>					
Note: For installation under roads, driveways or other structures up to 20'.					
26 05 19 16-0008	LF		Bore 1" To 4" Conduit Into Dirt Or Sand.....	3.17	
26 05 19 16-0009	LF		Bore 5" To 8" Conduit Into Dirt Or Sand.....	4.03	
26 05 19 16-0010	EA		Boring Minimum Set-Up Charge.....	443.73	
Note: For projects where the total boring charge is less than the minimum set-up charge. Use this item exclusively. This item should not be used in conjunction with any other items in this section.					
26 05 19 16-0011 Wire and Cable <small>(26 05 19 16)</small>					
Note: Pulled in conduit except as noted. Includes pull wires, pulling branch circuit conductors, splicing (#8 and lighter), identifying, tagging and testing. All conductors are copper except as otherwise noted. No special set-up is required. For tasks installed in conduit, tasks exclude conduit. Excludes terminations. See CSI section 26 05 13 13-0057 for various conduit types.					
26 05 19 16-0012 Multi-Conductor Cords, Cables And Associated Equipment <small>(26 05 19 16-0011)</small>					
26 05 19 16-0013 Multi-Conductor Cords <small>(26 05 19 16-0012)</small>					
Note: Includes installation in cable tray, surface mounting or installation between junction boxes. Excludes strain relief devices, plugs and connector bodies.					
26 05 19 16-0014 Multi-Conductor Type SJOOW And SJOOW Cord <small>(26 05 19 16-0013)</small>					
Note: Includes ethylene propylene diene monomer (EPDM) rubber insulation.					
26 05 19 16-0015 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord <small>(26 05 19 16-0014)</small>					
26 05 19 16-0016 #18 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord <small>(26 05 19 16-0015)</small>					
26 05 19 16-0017	LF		2 Conductors, #18 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.18	0.46
26 05 19 16-0018	LF		3 Conductors, #18 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.23	0.46
26 05 19 16-0019	LF		4 Conductors, #18 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.39	0.46
26 05 19 16-0020 #16 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord <small>(26 05 19 16-0015)</small>					
26 05 19 16-0021	LF		2 Conductors, #16 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.37	0.46

26 Electrical**26 05 Common Work Results for Electrical****26 05 19 Low-Voltage Electrical Power Conductors and Cables**

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 05 19 16-0022	LF	3 Conductors, #16 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.47	0.46
26 05 19 16-0023	LF	4 Conductors, #16 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.61	0.46
26 05 19 16-0024		#14 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord <small>(26 05 19 16-0015)</small>		
26 05 19 16-0025	LF	2 Conductors, #14 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.56	0.46
26 05 19 16-0026	LF	3 Conductors, #14 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.71	0.46
26 05 19 16-0027	LF	4 Conductors, #14 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	2.01	0.46
26 05 19 16-0028		#12 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord <small>(26 05 19 16-0015)</small>		
26 05 19 16-0029	LF	2 Conductors, #12 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.81	0.46
26 05 19 16-0030	LF	3 Conductors, #12 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	2.00	0.46
26 05 19 16-0031	LF	4 Conductors, #12 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	2.26	0.46
26 05 19 16-0032		#10 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord <small>(26 05 19 16-0015)</small>		
26 05 19 16-0033	LF	2 Conductors, #10 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	2.38	0.57
26 05 19 16-0034	LF	3 Conductors, #10 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	2.51	0.57
26 05 19 16-0035	LF	4 Conductors, #10 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	2.70	0.57
26 05 19 16-0036		600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0014)</small>		
26 05 19 16-0037		#18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0036)</small>		
26 05 19 16-0038	LF	2 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.23	0.46
26 05 19 16-0039	LF	3 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.34	0.46
26 05 19 16-0040	LF	4 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.49	0.46
26 05 19 16-0041	LF	5 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	2.64	0.62
26 05 19 16-0042	LF	6 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	2.88	0.63
26 05 19 16-0043	LF	7 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.07	0.65
26 05 19 16-0044	LF	8 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.38	0.67
26 05 19 16-0045	LF	10 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.90	0.70
26 05 19 16-0046	LF	12 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	4.47	0.72
26 05 19 16-0047	LF	14 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	5.94	0.74
26 05 19 16-0048	LF	16 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	6.04	0.75
26 05 19 16-0049	LF	18 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	6.20	0.77
26 05 19 16-0050	LF	20 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	6.92	0.79
26 05 19 16-0051	LF	24 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	8.76	0.80
26 05 19 16-0052	LF	30 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	9.13	0.86
26 05 19 16-0053		#16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0036)</small>		
26 05 19 16-0054	LF	2 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.47	0.46
26 05 19 16-0055	LF	3 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.56	0.46
26 05 19 16-0056	LF	4 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.76	0.46
26 05 19 16-0057	LF	5 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	2.77	0.62
26 05 19 16-0058	LF	6 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.05	0.63
26 05 19 16-0059	LF	7 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.34	0.65
26 05 19 16-0060	LF	8 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.71	0.67
26 05 19 16-0061	LF	9 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.87	0.68
26 05 19 16-0062	LF	10 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	4.31	0.70
26 05 19 16-0063	LF	12 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	5.05	0.72
26 05 19 16-0064	LF	14 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	5.43	0.74
26 05 19 16-0065	LF	16 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	6.14	0.75
26 05 19 16-0066	LF	18 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	7.11	0.77
26 05 19 16-0067	LF	20 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	8.00	0.79
26 05 19 16-0068	LF	24 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	9.70	0.80
26 05 19 16-0069	LF	26 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	10.67	0.82
26 05 19 16-0070	LF	30 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	12.44	0.86
26 05 19 16-0071		#14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0036)</small>		
26 05 19 16-0072	LF	2 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.74	0.46

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 19 16-0073	LF	3 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.85	0.46
26 05 19 16-0074	LF	4 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	2.12	0.46
26 05 19 16-0075	LF	5 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.62	0.62
26 05 19 16-0076	LF	6 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	4.36	0.63
26 05 19 16-0077	LF	7 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	4.60	0.65
26 05 19 16-0078	LF	8 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	5.20	0.67
26 05 19 16-0079	LF	9 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	5.60	0.68
26 05 19 16-0080	LF	10 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	6.27	0.70
26 05 19 16-0081	LF	12 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	6.90	0.72
26 05 19 16-0082	LF	14 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	7.63	0.74
26 05 19 16-0083	LF	16 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	9.20	0.75
26 05 19 16-0084	LF	20 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	10.34	0.79
26 05 19 16-0085	LF	24 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	12.21	0.80
26 05 19 16-0086	LF	30 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	14.46	0.86

26 05 19 16-0087 #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord

<small>(26 05 19 16-0036)</small>				
26 05 19 16-0088	LF	2 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	2.01	0.46
26 05 19 16-0089	LF	3 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	2.22	0.46
26 05 19 16-0090	LF	4 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	2.43	0.46
26 05 19 16-0091	LF	5 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	4.17	0.62
26 05 19 16-0092	LF	6 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	4.84	0.63
26 05 19 16-0093	LF	7 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	5.54	0.65
26 05 19 16-0094	LF	8 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	6.30	0.67
26 05 19 16-0095	LF	9 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	6.83	0.68
26 05 19 16-0096	LF	10 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	7.75	0.70
26 05 19 16-0097	LF	12 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	8.85	0.72
26 05 19 16-0098	LF	14 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	9.86	0.74
26 05 19 16-0099	LF	16 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	10.86	0.75
26 05 19 16-0100	LF	18 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	11.35	0.77
26 05 19 16-0101	LF	20 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	13.10	0.79
26 05 19 16-0102	LF	24 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	14.91	0.80
26 05 19 16-0103	LF	26 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	16.71	0.82
26 05 19 16-0104	LF	28 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	17.29	0.84
26 05 19 16-0105	LF	30 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	17.92	0.86

26 05 19 16-0106 #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord

<small>(26 05 19 16-0036)</small>				
26 05 19 16-0107	LF	2 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	2.33	0.57
26 05 19 16-0108	LF	3 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	2.50	0.57
26 05 19 16-0109	LF	4 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	2.69	0.57
26 05 19 16-0110	LF	5 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.59	0.62
26 05 19 16-0111	LF	6 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	5.95	0.63
26 05 19 16-0112	LF	7 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	7.02	0.65
26 05 19 16-0113	LF	10 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	9.07	0.70
26 05 19 16-0114	LF	12 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	10.42	0.72
26 05 19 16-0115	LF	16 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	13.31	0.75
26 05 19 16-0116	LF	20 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	19.44	0.79

26 05 19 16-0117 #8 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord

<small>(26 05 19 16-0036)</small>				
26 05 19 16-0118	LF	3 Conductors, #8 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	4.72	0.68
26 05 19 16-0119	LF	4 Conductors, #8 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	5.15	0.80
26 05 19 16-0120	LF	5 Conductors, #8 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	7.07	0.80

26 05 19 16-0121 #6 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord

<small>(26 05 19 16-0036)</small>				
26 05 19 16-0122	LF	3 Conductors, #6 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	6.83	0.80
26 05 19 16-0123	LF	4 Conductors, #6 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	8.25	0.91
26 05 19 16-0124	LF	5 Conductors, #6 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	9.91	1.14

26 05 19 16-0125 #4 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord

<small>(26 05 19 16-0036)</small>				
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26 Electrical**26 05 Common Work Results for Electrical****26 05 19 Low-Voltage Electrical Power Conductors and Cables**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 05 19 16-0126	LF	3 Conductors, #4 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	10.94		1.14
26 05 19 16-0127	LF	4 Conductors, #4 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	12.02		1.25
26 05 19 16-0128	LF	5 Conductors, #4 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	14.52		1.37
26 05 19 16-0129		#2 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0036)</small>			
26 05 19 16-0130	LF	3 Conductors, #2 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	16.30		2.29
26 05 19 16-0131	LF	4 Conductors, #2 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	20.76		2.86
26 05 19 16-0132	LF	5 Conductors, #2 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	25.06		3.77
26 05 19 16-0133		300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord <small>(26 05 19 16-0014)</small>			
26 05 19 16-0134		#18 AWG, 300 Volt, Multi-Conductor Type SJOOW Cord <small>(26 05 19 16-0133)</small>			
26 05 19 16-0135	LF	2 Conductors, #18 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III).....	1.61		0.46
26 05 19 16-0136	LF	3 Conductors, #18 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III).....	1.79		0.46
26 05 19 16-0137	LF	4 Conductors, #18 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III).....	2.13		0.46
26 05 19 16-0138		#16 AWG, 300 Volt, Multi-Conductor Type SJOOW Cord <small>(26 05 19 16-0133)</small>			
26 05 19 16-0139	LF	2 Conductors, #16 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III).....	1.72		0.46
26 05 19 16-0140	LF	3 Conductors, #16 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III).....	2.00		0.46
26 05 19 16-0141	LF	4 Conductors, #16 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III).....	2.12		0.46
26 05 19 16-0142		#14 AWG, 300 Volt, Multi-Conductor Type SJOOW Cord <small>(26 05 19 16-0133)</small>			
26 05 19 16-0143	LF	2 Conductors, #14 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III).....	2.41		0.46
26 05 19 16-0144	LF	3 Conductors, #14 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III).....	3.53		0.46
26 05 19 16-0145	LF	4 Conductors, #14 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III).....	4.54		0.57
26 05 19 16-0146		600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0014)</small>			
26 05 19 16-0147		#18 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0146)</small>			
26 05 19 16-0148	LF	2 Conductors, #18 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	2.32		0.46
26 05 19 16-0149	LF	3 Conductors, #18 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	2.79		0.46
26 05 19 16-0150	LF	4 Conductors, #18 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	3.29		0.46
26 05 19 16-0151		#16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0146)</small>			
26 05 19 16-0152	LF	2 Conductors, #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	2.49		0.46
26 05 19 16-0153	LF	3 Conductors, #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	2.97		0.46
26 05 19 16-0154	LF	4 Conductors, #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	3.73		0.46
26 05 19 16-0155	LF	5 Conductors, #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	4.04		0.57
26 05 19 16-0156		#14 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0146)</small>			
26 05 19 16-0157	LF	3 Conductors, #14 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	3.08		0.46
26 05 19 16-0158	LF	4 Conductors, #14 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	3.70		0.46
26 05 19 16-0159	LF	5 Conductors, #14 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	4.15		0.57
26 05 19 16-0160		#12 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0146)</small>			
26 05 19 16-0161	LF	3 Conductors, #12 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	3.67		0.46
26 05 19 16-0162	LF	4 Conductors, #12 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	4.22		0.46
26 05 19 16-0163	LF	5 Conductors, #12 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	4.71		0.57

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 19 16-0164		#10 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0146)</small>			
26 05 19 16-0165	LF	3 Conductors, #10 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	4.21		0.57
26 05 19 16-0166	LF	4 Conductors, #10 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	4.70		0.57
26 05 19 16-0167	LF	5 Conductors, #10 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	5.19		0.57
26 05 19 16-0168		Multi-Conductor Type SEOW Cord <small>(26 05 19 16-0013)</small> Note: Includes thermoplastic elastomeric (TPE) insulation.			
26 05 19 16-0169		600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord <small>(26 05 19 16-0168)</small>			
26 05 19 16-0170		#16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord <small>(26 05 19 16-0169)</small>			
26 05 19 16-0171	LF	3 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	1.74		0.46
26 05 19 16-0172	LF	4 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	1.93		0.46
26 05 19 16-0173	LF	5 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	2.97		0.57
26 05 19 16-0174		#14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord <small>(26 05 19 16-0169)</small>			
26 05 19 16-0175	LF	3 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	2.31		0.46
26 05 19 16-0176	LF	4 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	2.67		0.46
26 05 19 16-0177	LF	5 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	3.86		0.57
26 05 19 16-0178		#12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord <small>(26 05 19 16-0169)</small>			
26 05 19 16-0179	LF	3 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	2.90		0.46
26 05 19 16-0180	LF	4 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	3.36		0.46
26 05 19 16-0181	LF	5 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	4.25		0.57
26 05 19 16-0182		#10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord <small>(26 05 19 16-0169)</small>			
26 05 19 16-0183	LF	3 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	3.69		0.57
26 05 19 16-0184	LF	4 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	4.25		0.57
26 05 19 16-0185	LF	5 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	4.56		0.57
26 05 19 16-0186		Multi-Conductor Type W Cord <small>(26 05 19 16-0013)</small> Note: Includes ethylene propylene diene monomer (EPDM) rubber insulation.			
26 05 19 16-0187		2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord <small>(26 05 19 16-0186)</small>			
26 05 19 16-0188		#8 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord <small>(26 05 19 16-0187)</small>			
26 05 19 16-0189	LF	3 Conductors, #8 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	5.19		0.68
26 05 19 16-0190	LF	4 Conductors, #8 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	5.58		0.80
26 05 19 16-0191	LF	5 Conductors, #8 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	6.62		0.80
26 05 19 16-0192		#6 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord <small>(26 05 19 16-0187)</small>			
26 05 19 16-0193	LF	3 Conductors, #6 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	5.57		0.80
26 05 19 16-0194	LF	4 Conductors, #6 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	6.65		0.91
26 05 19 16-0195	LF	5 Conductors, #6 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	8.28		1.14
26 05 19 16-0196		#4 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord <small>(26 05 19 16-0187)</small>			
26 05 19 16-0197	LF	3 Conductors, #4 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	7.63		0.80
26 05 19 16-0198	LF	4 Conductors, #4 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	9.02		0.91
26 05 19 16-0199	LF	5 Conductors, #4 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	11.61		1.14
26 05 19 16-0200		Cord Grips, Cable Reels, Extension Cords, And Accessories <small>(26 05 19 16-0012)</small>			
26 05 19 16-0201		Cord Grips <small>(26 05 19 16-0200)</small>			
26 05 19 16-0202	EA	Cord Grip With Watertight Connector For 1/2" NPT Zinc Plated Steel	72.78		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.78		
26 05 19 16-0203	EA	Cord Grip With Watertight Connector For 3/4" NPT Zinc Plated Steel	73.17		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.78		
26 05 19 16-0204		Cable Reels <small>(26 05 19 16-0200)</small> Note: Includes handling, mounting, electrical connections and installing cord.			
26 05 19 16-0205	EA	30', 16-3, SJO, Extension Cord Reel (Cox Reels PC10-3016-A)	695.78		57.13
26 05 19 16-0206	EA	50', 10-4, SEOW, Extension Cord Reel (Reelcraft L 7050 104 X 1)	1,945.21		57.13
26 05 19 16-0207	EA	50', 16-3, SOOW, Extension Cord Reel (KH Industries RTFD3L-WW-B16K)	1,451.32		57.13
26 05 19 16-0208		Extension Cords For Cable Reel <small>(26 05 19 16-0200)</small>			
26 05 19 16-0209	EA	100 LF, 120 Volt, 12 Gauge, 3 Wire, Extension Cord	197.69		
26 05 19 16-0210	EA	100 LF, 240 Volt, 10 Gauge, 3 Wire, Extension Cord	281.85		

26 Electrical**26 05 Common Work Results for Electrical****26 05 19 Low-Voltage Electrical Power Conductors and Cables**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0211			Plugs And Connector Bodies (26 05 19 16-0200) Note: Up to 277 volt		
26 05 19 16-0212			NEMA Twist-Lock Plugs (26 05 19 16-0211)		
26 05 19 16-0213	EA		15 Amperes, 2 Pole 2 Wire, NEMA Twist-Lock Plug (Hubbell HBL7545C).....	78.37	
26 05 19 16-0214	EA		15 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL4770CBK).....	80.01	
26 05 19 16-0215	EA		20 Amperes, 2 Pole 2 Wire, NEMA Twist-Lock Plug (Hubbell HBL7102C).....	73.13	
26 05 19 16-0216	EA		20 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL2331).....	78.17	
26 05 19 16-0217	EA		20 Amperes, 3 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2411).....	101.79	
26 05 19 16-0218	EA		20 Amperes, 4 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2441).....	108.19	
26 05 19 16-0219	EA		20 Amperes, 4 Pole 5 Wire, NEMA Twist-Lock Plug (Hubbell HBL2511BK).....	114.46	
26 05 19 16-0220	EA		30 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL2611BK).....	102.75	
26 05 19 16-0221	EA		30 Amperes, 3 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2711BK).....	118.13	
26 05 19 16-0222	EA		30 Amperes, 4 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2761).....	121.13	
26 05 19 16-0223	EA		30 Amperes, 4 Pole 5 Wire, NEMA Twist-Lock Plug (Hubbell HBL2811BK).....	124.94	
26 05 19 16-0224			NEMA Twist-Lock Connector Bodies (26 05 19 16-0211)		
26 05 19 16-0225	EA		15 Amperes, 2 Pole 2 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL7506C).....	83.00	
26 05 19 16-0226	EA		15 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL4779C).....	88.79	
26 05 19 16-0227	EA		20 Amperes, 2 Pole 2 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL7101C).....	76.60	
26 05 19 16-0228	EA		20 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2323BK).....	102.75	
26 05 19 16-0229	EA		20 Amperes, 3 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2413BK).....	119.63	
26 05 19 16-0230	EA		20 Amperes, 4 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2443).....	127.80	
26 05 19 16-0231	EA		20 Amperes, 4 Pole 5 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2513BK).....	155.31	
26 05 19 16-0232	EA		30 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2623BK).....	148.36	
26 05 19 16-0233	EA		30 Amperes, 3 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2713BK).....	182.81	
26 05 19 16-0234	EA		30 Amperes, 4 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2753).....	191.94	
26 05 19 16-0235	EA		30 Amperes, 4 Pole 5 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2813BK).....	182.00	
26 05 19 16-0236			Watertight Pin And Sleeve Plug (26 05 19 16-0211)		
26 05 19 16-0237	EA		20 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Plug (Hubbell 320P4W).....	269.04	34.28
26 05 19 16-0238	EA		20 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 320P6W).....	271.94	34.28
26 05 19 16-0239	EA		20 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 320P7W).....	294.52	34.28
26 05 19 16-0240	EA		20 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 420P12W).....	294.58	37.71
26 05 19 16-0241	EA		20 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 420P9W).....	290.19	37.71
26 05 19 16-0242	EA		20 Amperes, Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 420P7W).....	291.50	37.71
26 05 19 16-0243	EA		30 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Plug (Hubbell 330P4W).....	411.68	42.16
26 05 19 16-0244	EA		30 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 330P6W).....	400.78	42.16
26 05 19 16-0245	EA		30 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 330P7W).....	447.63	42.16
26 05 19 16-0246	EA		30 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 430P12W).....	439.17	46.28
26 05 19 16-0247	EA		30 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 430P9W).....	420.23	46.28
26 05 19 16-0248	EA		30 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 430P7W).....	433.26	46.28
26 05 19 16-0249	EA		60 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Plug (Hubbell 360P4W).....	559.68	54.85
26 05 19 16-0250	EA		60 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 360P6W).....	570.06	54.85
26 05 19 16-0251	EA		60 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 360P7W).....	545.44	54.85
26 05 19 16-0252	EA		60 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 460P12W).....	621.35	61.01
26 05 19 16-0253	EA		60 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 460P9W).....	605.18	61.01
26 05 19 16-0254	EA		60 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 460P7W).....	612.18	61.01
26 05 19 16-0255	EA		100 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 3100P6W).....	768.91	68.56
26 05 19 16-0256	EA		100 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 3100P7W).....	809.02	68.56
26 05 19 16-0257	EA		100 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 4100P12W).....	787.67	75.42
26 05 19 16-0258	EA		100 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 4100P9W).....	773.97	75.42
26 05 19 16-0259	EA		100 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 4100P7W).....	781.37	75.42
26 05 19 16-0260			Watertight Pin And Sleeve Connector (26 05 19 16-0211)		
26 05 19 16-0261	EA		20 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Connector (Hubbell 320C4W).....	285.76	34.28
26 05 19 16-0262	EA		20 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 320C6W).....	287.77	34.28
26 05 19 16-0263	EA		20 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 320C7W).....	339.76	34.28
26 05 19 16-0264	EA		20 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 420C12W).....	336.71	37.71
26 05 19 16-0265	EA		20 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 420C9W).....	331.43	37.71
26 05 19 16-0266	EA		20 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 420C7W).....	336.20	37.71
26 05 19 16-0267	EA		30 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Connector (Hubbell 330C4W).....	421.68	42.16
26 05 19 16-0268	EA		30 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 330C6W).....	421.56	42.16
26 05 19 16-0269	EA		30 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 330C7W).....	439.50	42.16
26 05 19 16-0270	EA		30 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 430C12W).....	434.31	46.28
26 05 19 16-0271	EA		30 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 430C9W).....	438.00	46.28
26 05 19 16-0272	EA		30 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 430C7W).....	434.10	46.28
26 05 19 16-0273	EA		60 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Connector (Hubbell 360C4W).....	662.16	54.85
26 05 19 16-0274	EA		60 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 360C6W).....	640.20	54.85
26 05 19 16-0275	EA		60 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 360C7W).....	627.11	54.85
26 05 19 16-0276	EA		60 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 460C12W).....	682.34	61.01
26 05 19 16-0277	EA		60 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 460C9W).....	701.43	61.01
26 05 19 16-0278	EA		60 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 460C7W).....	702.83	61.01
26 05 19 16-0279	EA		100 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 3100C6W).....	881.32	68.56
26 05 19 16-0280	EA		100 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 3100C7W).....	906.50	68.56
26 05 19 16-0281	EA		100 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 4100C12W).....	979.38	75.42
26 05 19 16-0282	EA		100 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 4100C9W).....	944.78	75.42
26 05 19 16-0283	EA		100 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 4100C7W).....	956.58	75.42

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 19 16-0284	Accessories <small>(26 05 19 16-0200)</small>		
26 05 19 16-0285	EA 1/2" Straight Steel Cord Connector.....	59.67	11.43
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.86	
26 05 19 16-0286	EA 1/2" Straight Nylon Cord Connector.....	35.55	8.57
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.14	
26 05 19 16-0287	EA 1/2" 90 Degree Steel Cord Connector.....	68.14	14.28
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.57	
26 05 19 16-0288	EA 1/2" 90 Degree Nylon Cord Connector.....	42.64	11.43
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.86	
26 05 19 16-0289	EA 1/2" Straight Steel Cord Connector With Strain Relief Mesh.....	67.23	14.28
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.57	
26 05 19 16-0290	EA 1/2" 90 Degree Steel Cord Connector With Strain Relief Mesh.....	117.38	17.14
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.28	
26 05 19 16-0291	EA 1/2" Straight Nylon Cord Connector With Strain Relief Mesh.....	41.93	11.43
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.86	
26 05 19 16-0292	EA 1/2" 90 Degree Nylon Cord Connector With Strain Relief Mesh.....	71.50	14.28
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.57	
26 05 19 16-0293	EA 3/4" Straight Steel Cord Connector.....	62.26	11.43
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.86	
26 05 19 16-0294	EA 3/4" Straight Nylon Cord Connector.....	36.85	8.57
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.14	
26 05 19 16-0295	EA 3/4" 90 Degree Steel Cord Connector.....	76.24	14.28
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.57	
26 05 19 16-0296	EA 3/4" 90 Degree Nylon Cord Connector.....	46.68	11.43
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.86	
26 05 19 16-0297	EA 3/4" Straight Steel Cord Connector With Strain Relief Mesh.....	75.67	17.14
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.28	
26 05 19 16-0298	EA 3/4" 90 Degree Steel Cord Connector With Strain Relief Mesh.....	90.04	20.00
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.00	
26 05 19 16-0299	EA 3/4" Straight Nylon Cord Connector With Strain Relief Mesh.....	50.37	14.28
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.57	
26 05 19 16-0300	EA 3/4" 90 Degree Nylon Cord Connector With Strain Relief Mesh.....	60.85	17.14
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.28	
26 05 19 16-0301	EA 1" Straight Steel Cord Connector.....	78.89	11.43
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.86	
26 05 19 16-0302	EA 1" Straight Nylon Cord Connector.....	45.16	8.57
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.14	
26 05 19 16-0303	EA 1" 90 Degree Steel Cord Connector.....	87.22	14.28
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.57	
26 05 19 16-0304	EA 1" 90 Degree Nylon Cord Connector.....	52.18	11.43
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.86	
26 05 19 16-0305	EA 1" Straight Steel Cord Connector With Strain Relief Mesh.....	93.12	17.14
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.28	
26 05 19 16-0306	EA 1" 90 Degree Steel Cord Connector With Strain Relief Mesh.....	101.57	20.00
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.00	
26 05 19 16-0307	EA 1" Straight Nylon Cord Connector With Strain Relief Mesh.....	59.23	14.28
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.57	
26 05 19 16-0308	EA 1" 90 Degree Nylon Cord Connector With Strain Relief Mesh.....	68.35	17.14
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.28	
26 05 19 16-0309	ACSR (Aluminum Conductor Steel Reinforced) <small>(26 05 19 16-0011)</small>		
	Note: Concentric lay stranded Class A galvanizing installed on poles, aerially.		
26 05 19 16-0310	ACSR Cable <small>(26 05 19 16-0309)</small>		
26 05 19 16-0311	MLF #4 AWG, ACSR Cable Swan 6/1, Aluminum Cable, Installed On Poles (Aerial).....	1,816.14	526.74
26 05 19 16-0312	MLF #4 AWG, ACSR Cable Swanate 7/1, Aluminum Cable, Installed On Poles (Aerial).....	1,955.41	546.95
26 05 19 16-0313	MLF #2 AWG, ACSR Cable Sparrow 6/1, Aluminum Cable, Installed On Poles (Aerial).....	2,159.61	568.00
26 05 19 16-0314	MLF #2 AWG, ACSR Cable Sparate 7/1, Aluminum Cable, Installed On Poles (Aerial).....	2,299.06	588.58
26 05 19 16-0315	MLF 1/0 AWG, ACSR Cable Raven 6/1, Aluminum Cable, Installed On Poles (Aerial).....	2,657.90	608.53
26 05 19 16-0316	MLF 2/0 AWG, ACSR Cable Quail 6/1, Aluminum Cable, Installed On Poles (Aerial).....	3,136.29	689.83
26 05 19 16-0317	MLF 3/0 AWG, ACSR Cable Pigeon 6/1, Aluminum Cable, Installed On Poles (Aerial).....	3,686.20	769.30
26 05 19 16-0318	MLF 4/0 AWG, ACSR Cable Penguin 6/1, Aluminum Cable, Installed On Poles (Aerial).....	4,311.45	849.87
26 05 19 16-0319	MLF 336 AWG ACSR Cable Merlin 18/1, Aluminum Cable, Installed On Poles (Aerial).....	4,851.73	1,092.19
26 05 19 16-0320	MLF 477 AWG, ACSR Cable Hawk 26/1, Aluminum Cable, Installed On Poles (Aerial).....	5,497.18	1,252.85
26 05 19 16-0321	All Aluminum Conductors <small>(26 05 19 16-0309)</small>		
26 05 19 16-0322	MLF 795.0 ACSR Conductor Aluminum.....	36,416.62	10,353.58
26 05 19 16-0323	600 Volt Wire <small>(26 05 19 16-0011)</small>		
26 05 19 16-0324	Single Solid Conductor, Copper <small>(26 05 19 16-0323)</small>		
26 05 19 16-0325	MLF #14 AWG, Type THHN-THWN, 600 Volt, Copper, Single Solid Cable, Installed In Conduit.....	641.63	253.35
26 05 19 16-0326	MLF #12 AWG, Type THHN-THWN, 600 Volt, Copper, Single Solid Cable, Installed In Conduit.....	806.08	298.03
26 05 19 16-0327	MLF #10 AWG, Type THHN-THWN, 600 Volt, Copper, Single Solid Cable, Installed In Conduit.....	1,002.13	364.42
26 05 19 16-0328	MLF #14 AWG, Type XHHW, 600 Volt, Copper, Single Solid Cable, Installed In Conduit.....	830.59	253.35
26 05 19 16-0329	MLF #12 AWG, Type XHHW, 600 Volt, Copper, Single Solid Cable, Installed In Conduit.....	1,007.14	298.03
26 05 19 16-0330	MLF #10 AWG, Type XHHW, 600 Volt, Copper, Single Solid Cable, Installed In Conduit.....	1,213.38	364.42
26 05 19 16-0331	Power Cable, Stranded Conductor, Copper <small>(26 05 19 16-0323)</small>		
26 05 19 16-0332	Power Cable, Stranded, Single Conductor, XHHW-2 <small>(26 05 19 16-0331)</small>		
26 05 19 16-0333	MLF #16 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	680.62	208.78
26 05 19 16-0334	MLF #14 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	801.77	250.53

26 Electrical**26 05 Common Work Results for Electrical****26 05 19 Low-Voltage Electrical Power Conductors and Cables**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 19 16-0335	MLF	#12 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	993.74	292.29
26 05 19 16-0336	MLF	#10 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	1,233.52	334.04
26 05 19 16-0337	MLF	#8 AWG, XLP (XHHW-2), 600 Volt, Copper, Single Stranded, Power Cable, Installed In Conduit.....	1,655.81	417.55
26 05 19 16-0338	MLF	#6 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	2,264.39	501.07
26 05 19 16-0339	MLF	#4 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	3,125.99	626.34
26 05 19 16-0340	MLF	#3 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	3,712.18	709.84
26 05 19 16-0341	MLF	#2 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	4,416.05	793.36
26 05 19 16-0342	MLF	#1 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	5,520.99	876.86
26 05 19 16-0343	MLF	1/0 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	6,645.74	1,002.13
26 05 19 16-0344	MLF	2/0 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	7,992.90	1,127.40
26 05 19 16-0345	MLF	3/0 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	9,609.45	1,252.66
26 05 19 16-0346	MLF	4/0 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	11,569.20	1,377.93
26 05 19 16-0347	MLF	250 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	12,241.87	1,503.20
26 05 19 16-0348	MLF	300 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	14,582.98	1,628.47
26 05 19 16-0349	MLF	350 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	15,549.48	1,753.73
26 05 19 16-0350	MLF	400 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	17,429.24	1,879.00
26 05 19 16-0351	MLF	500 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	20,257.08	2,004.27
26 05 19 16-0352	MLF	600 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	23,388.84	2,171.29
26 05 19 16-0353	MLF	750 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	35,936.71	2,421.82
26 05 19 16-0354	MLF	1,000 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	50,940.81	2,839.38

26 05 19 16-0355 Power Cable, Stranded, Multi Conductor, XHHW-2 (26 05 19 16-0331)

26 05 19 16-0356	MLF	2 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	1,603.52	500.96
26 05 19 16-0357	MLF	3 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	1,987.74	584.69
26 05 19 16-0358	MLF	4 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	2,476.44	709.84
26 05 19 16-0359	MLF	6 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	2,982.94	772.16
26 05 19 16-0360	MLF	7 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	3,263.37	814.13
26 05 19 16-0361	MLF	9 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	3,822.65	897.54
26 05 19 16-0362	MLF	10 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	2,514.14	935.53
26 05 19 16-0363	MLF	12 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	4,662.74	1,023.01
26 05 19 16-0364	MLF	14 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	5,170.59	1,085.86
26 05 19 16-0365	MLF	24 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	7,655.44	1,378.03
26 05 19 16-0366	MLF	37 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	11,606.07	2,046.02
26 05 19 16-0367	MLF	2 Conductors, #12 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	1,987.74	584.69
26 05 19 16-0368	MLF	3 Conductors, #12 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	2,563.77	709.84
26 05 19 16-0369	MLF	4 Conductors, #12 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	3,139.84	835.11
26 05 19 16-0370	MLF	2 Conductors, #10 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	2,675.00	751.28
26 05 19 16-0371	MLF	3 Conductors, #10 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	3,489.80	917.78
26 05 19 16-0372	MLF	4 Conductors, #10 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	4,517.02	1,169.36
26 05 19 16-0373	MLF	6 Conductors, #10 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	6,149.73	1,503.72
26 05 19 16-0374	MLF	9 Conductors, #10 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	8,387.75	1,920.85
26 05 19 16-0375	MLF	2 Conductors, #8 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	3,363.82	855.99
26 05 19 16-0376	MLF	3 Conductors, #8 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	4,341.09	1,002.13
26 05 19 16-0377	MLF	4 Conductors, #8 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	5,631.54	1,273.54
26 05 19 16-0378	MLF	2 Conductors, #6 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	4,424.51	960.38
26 05 19 16-0379	MLF	3 Conductors, #6 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	6,010.27	1,190.04
26 05 19 16-0380	MLF	4 Conductors, #6 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	7,716.17	1,467.70
26 05 19 16-0381	MLF	2 Conductors, #4 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	6,033.21	1,165.19
26 05 19 16-0382	MLF	3 Conductors, #4 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	8,012.35	1,332.73
26 05 19 16-0383	MLF	4 Conductors, #4 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	10,398.35	1,663.12
26 05 19 16-0384	MLF	2 Conductors, #2 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	8,413.47	1,419.27
26 05 19 16-0385	MLF	3 Conductors, #2 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	11,265.78	1,587.13
26 05 19 16-0386	MLF	4 Conductors, #2 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	14,950.08	2,087.77
26 05 19 16-0387	MLF	3 Conductors, #1 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	14,996.26	2,003.95
26 05 19 16-0388	MLF	4 Conductors, #1 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	19,575.91	2,504.29
26 05 19 16-0389	MLF	3 Conductors, 1/0 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	17,850.38	2,171.70
26 05 19 16-0390	MLF	3 Conductors, 2/0 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	21,783.86	2,504.29
26 05 19 16-0391	MLF	3 Conductors, 3/0 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	26,737.41	2,921.63
26 05 19 16-0392	MLF	4 Conductors, 3/0 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	35,302.06	3,756.43
26 05 19 16-0393	MLF	3 Conductors, 4/0 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	32,731.39	3,343.26
26 05 19 16-0394	MLF	3 Conductors, 250 MCM, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	34,842.55	3,756.43
26 05 19 16-0395	MLF	3 Conductors, 350 MCM, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	43,934.31	4,175.55
26 05 19 16-0396	MLF	3 Conductors, 500 MCM, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	57,212.13	4,589.14

26 05 19 16-0397 Underground Feeder And Branch Circuit Suitable, Single Stranded Copper

(26 05 19 16-0323)

Note: Direct bury.

26 05 19 16-0398	MLF	#14 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	1,015.35	
26 05 19 16-0399	MLF	#12 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	1,197.03	
26 05 19 16-0400	MLF	#10 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	1,526.72	
26 05 19 16-0401	MLF	#8 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	2,026.46	
26 05 19 16-0402	MLF	#6 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	2,903.62	
26 05 19 16-0403	MLF	#4 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	3,852.00	
26 05 19 16-0404	MLF	#2 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	5,657.45	
26 05 19 16-0405	MLF	#1 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	7,124.17	
26 05 19 16-0406	MLF	1/0 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	8,796.17	
26 05 19 16-0407	MLF	2/0 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	10,726.21	
26 05 19 16-0408	MLF	3/0 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	13,013.35	
26 05 19 16-0409	MLF	4/0 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	14,729.60	
26 05 19 16-0410	MLF	250 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	15,942.31	
26 05 19 16-0411	MLF	300 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	19,219.81	
26 05 19 16-0412	MLF	350 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	21,540.83	
26 05 19 16-0413	MLF	400 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	24,272.24	
26 05 19 16-0414	MLF	500 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	28,920.37	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 19 16-0415	MLF 600 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	34,276.60	
26 05 19 16-0416	MLF 750 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	55,332.14	
26 05 19 16-0417	MLF #14 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	794.66	
26 05 19 16-0418	MLF #12 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	956.02	
26 05 19 16-0419	MLF #10 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	1,151.19	
26 05 19 16-0420	MLF #8 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	1,408.85	
26 05 19 16-0421	MLF #6 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	1,826.75	
26 05 19 16-0422	MLF #4 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	2,445.55	
26 05 19 16-0423	MLF #2 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	3,343.69	
26 05 19 16-0424	MLF #1 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	3,981.50	
26 05 19 16-0425	MLF 1/0 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	4,502.97	
26 05 19 16-0426	MLF 2/0 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	5,075.96	
26 05 19 16-0427	MLF 3/0 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	5,922.10	
26 05 19 16-0428	MLF 4/0 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	6,955.79	
26 05 19 16-0429	MLF 250 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	7,914.31	
26 05 19 16-0430	MLF 300 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	8,928.16	
26 05 19 16-0431	MLF 350 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	10,032.94	
26 05 19 16-0432	MLF 400 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	11,177.33	
26 05 19 16-0433	MLF 500 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	13,093.58	
26 05 19 16-0434	MLF 750 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	22,277.52	
26 05 19 16-0435	MLF #14 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	666.34	
26 05 19 16-0436	MLF #12 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	832.92	
26 05 19 16-0437	MLF #10 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	1,041.05	
26 05 19 16-0438	MLF #8 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	1,479.70	
26 05 19 16-0439	MLF #6 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	2,041.43	
26 05 19 16-0440	MLF #4 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	2,733.57	
26 05 19 16-0441	MLF #2 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	3,940.84	
26 05 19 16-0442	MLF #1 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	4,722.88	
26 05 19 16-0443	MLF 1/0 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	5,496.75	
26 05 19 16-0444	MLF 2/0 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	6,260.75	
26 05 19 16-0445	MLF 3/0 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	7,484.74	
26 05 19 16-0446	MLF 4/0 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	8,964.02	
26 05 19 16-0447	MLF 250 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	10,570.02	
26 05 19 16-0448	MLF 300 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	12,246.23	
26 05 19 16-0449	MLF 350 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	14,053.08	
26 05 19 16-0450	MLF 400 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	15,794.02	
26 05 19 16-0451	MLF 500 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	18,861.52	
26 05 19 16-0452	MLF 600 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	22,763.95	
26 05 19 16-0453	MLF 750 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	36,509.43	
26 05 19 16-0454	MLF #2 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	5,923.19	
26 05 19 16-0455	MLF 1/0 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	8,560.09	
26 05 19 16-0456	MLF 2/0 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	9,498.03	
26 05 19 16-0457	MLF 3/0 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	10,799.68	
26 05 19 16-0458	MLF 4/0 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	12,008.49	
26 05 19 16-0459	MLF 250 MCM, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	12,933.68	
26 05 19 16-0460	MLF 350 MCM, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	18,710.04	
26 05 19 16-0461	MLF 400 MCM, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	20,351.65	
26 05 19 16-0462	MLF 500 MCM, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	23,267.89	

26 05 19 16-0463 600 Volt, Armored Cable, Copper Conductors (26 05 19 16-0323)

26 05 19 16-0464 ACTHH, Solid (26 05 19 16-0463)

26 05 19 16-0465	MLF 1 Conductor, #8 AWG, Type ACT, Solid, Armored Cable.....	2,649.35	685.58
26 05 19 16-0466	MLF 1 Conductor, #6 AWG, Type ACT, Solid, Armored Cable.....	3,064.95	776.99
26 05 19 16-0467	MLF 1 Conductor, #4 AWG, Type ACT, Solid, Armored Cable.....	3,552.48	822.70
26 05 19 16-0468	MLF 2 Conductors, #14 AWG, Type ACTHH, Solid, Armored Cable.....	3,715.53	1,142.64
26 05 19 16-0469	MLF 2 Conductors, #12 AWG, Type ACTHH, Solid, Armored Cable.....	3,943.10	1,279.52
26 05 19 16-0470	MLF 2 Conductors, #10 AWG, Type ACTHH, Solid, Armored Cable.....	5,130.43	1,417.66
26 05 19 16-0471	MLF 2 Conductors, #8 AWG, Type ACTHH, Solid, Armored Cable.....	6,909.51	1,554.56
26 05 19 16-0472	MLF 3 Conductors, #14 AWG, Type ACTHH, Solid, Armored Cable.....	4,562.63	1,279.52
26 05 19 16-0473	MLF 3 Conductors, #12 AWG, Type ACTHH, Solid, Armored Cable.....	4,727.19	1,417.66
26 05 19 16-0474	MLF 3 Conductors, #10 AWG, Type ACTHH, Solid, Armored Cable.....	6,190.00	1,600.37
26 05 19 16-0475	MLF 3 Conductors, #8 AWG, Type ACTHH, Solid, Armored Cable.....	8,274.70	1,736.58
26 05 19 16-0476	MLF 4 Conductors, #14 AWG, Type ACTHH, Solid, Armored Cable.....	5,514.40	1,417.66
26 05 19 16-0477	MLF 4 Conductors, #12 AWG, Type ACTHH, Solid, Armored Cable.....	6,010.58	1,600.37
26 05 19 16-0478	MLF 4 Conductors, #10 AWG, Type ACTHH, Solid, Armored Cable.....	7,821.61	1,782.63
26 05 19 16-0479	MLF 4 Conductors, #8 AWG, Type ACTHH, Solid, Armored Cable.....	10,413.92	1,920.42

26 05 19 16-0480 ACTHH, Stranded (26 05 19 16-0463)

26 05 19 16-0481	MLF 2 Conductors, #8 AWG, Type ACTHH, Stranded, Armored Cable.....	7,139.12	1,646.42
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26 Electrical**26 05 Common Work Results for Electrical****26 05 19 Low-Voltage Electrical Power Conductors and Cables**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 19 16-0482	MLF	2 Conductors, #6 AWG, Type ACTHH, Stranded, Armored Cable	8,800.54	1,873.12
26 05 19 16-0483	MLF	3 Conductors, #8 AWG, Type ACTHH, Stranded, Armored Cable	8,503.92	1,828.22
26 05 19 16-0484	MLF	3 Conductors, #6 AWG, Type ACTHH, Stranded, Armored Cable	10,833.23	2,055.14
26 05 19 16-0485	MLF	3 Conductors, #4 AWG, Type ACTHH, Stranded, Armored Cable	13,932.81	2,285.27
26 05 19 16-0486	MLF	3 Conductors, #3 AWG, Type ACTHH, Stranded, Armored Cable	16,100.86	2,511.29
26 05 19 16-0487	MLF	3 Conductors, #2 AWG, Type ACTHH, Stranded, Armored Cable	18,547.56	2,740.15
26 05 19 16-0488	MLF	4 Conductors, #8 AWG, Type ACTHH, Stranded, Armored Cable	11,095.83	2,193.17
26 05 19 16-0489	MLF	4 Conductors, #6 AWG, Type ACTHH, Stranded, Armored Cable	13,600.60	2,420.79
26 05 19 16-0490	MLF	4 Conductors, #4 AWG, Type ACTHH, Stranded, Armored Cable	17,826.18	2,651.15
26 05 19 16-0491	MLF	4 Conductors, #3 AWG, Type ACTHH, Stranded, Armored Cable	19,555.37	2,878.19
26 05 19 16-0492	MLF	4 Conductors, #2 AWG, Type ACTHH, Stranded, Armored Cable	23,423.09	3,105.00

26 05 19 16-0493 HCFC, Solid (26 05 19 16-0463)

26 05 19 16-0494	MLF	2 Conductors, #14 AWG, Type HCF, Solid, Armored Cable	4,255.05	1,142.64
26 05 19 16-0495	MLF	2 Conductors, #12 AWG, Type HCF, Solid, Armored Cable	4,635.60	1,283.86
26 05 19 16-0496	MLF	2 Conductors, #10 AWG, Type HCF, Solid, Armored Cable	5,198.78	1,410.70
26 05 19 16-0497	MLF	3 Conductors, #14 AWG, Type HCF, Solid, Armored Cable	5,230.16	1,283.86
26 05 19 16-0498	MLF	3 Conductors, #12 AWG, Type HCF, Solid, Armored Cable	5,587.83	1,410.70
26 05 19 16-0499	MLF	3 Conductors, #10 AWG, Type HCF, Solid, Armored Cable	7,475.81	1,609.40
26 05 19 16-0500	MLF	4 Conductors, #14 AWG, Type HCF, Solid, Armored Cable	6,544.87	1,410.70
26 05 19 16-0501	MLF	4 Conductors, #12 AWG, Type HCF, Solid, Armored Cable	7,102.59	1,609.40
26 05 19 16-0502	MLF	4 Conductors, #10 AWG, Type HCF, Solid, Armored Cable	10,004.60	1,785.37

26 05 19 16-0503 MC, Solid Or Stranded, Galvanized Steel Armor (26 05 19 16-0463)

26 05 19 16-0504	MLF	2 Conductors, #14 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	3,576.10	1,142.64
26 05 19 16-0505	MLF	2 Conductors, #12 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	3,992.21	1,283.86
26 05 19 16-0506	MLF	2 Conductors, #10 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	4,835.20	1,410.70
26 05 19 16-0507	MLF	2 Conductors, #8 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	6,264.82	1,507.47
26 05 19 16-0508	MLF	2 Conductors, #6 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	7,876.76	1,598.09
26 05 19 16-0509	MLF	3 Conductors, #14 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	4,140.22	1,283.86
26 05 19 16-0510	MLF	3 Conductors, #12 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	4,681.71	1,410.70
26 05 19 16-0511	MLF	3 Conductors, #10 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	5,999.62	1,609.40
26 05 19 16-0512	MLF	3 Conductors, #8 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	7,894.75	1,736.58
26 05 19 16-0513	MLF	3 Conductors, #6 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	9,276.30	1,873.12
26 05 19 16-0514	MLF	3 Conductors, #4 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	11,564.29	2,011.73
26 05 19 16-0515	MLF	3 Conductors, #2 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	16,173.46	2,147.82
26 05 19 16-0516	MLF	4 Conductors, #14 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	4,821.77	1,410.70
26 05 19 16-0517	MLF	4 Conductors, #12 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	5,525.70	1,609.40
26 05 19 16-0518	MLF	4 Conductors, #10 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	8,531.67	1,785.37
26 05 19 16-0519	MLF	4 Conductors, #8 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	11,700.66	1,966.70
26 05 19 16-0520	MLF	4 Conductors, #6 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	14,385.55	2,104.27
26 05 19 16-0521	MLF	4 Conductors, #4 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	19,136.21	2,240.48
26 05 19 16-0522	MLF	4 Conductors, #2 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	24,870.95	2,375.54

26 05 19 16-0523 MC, Solid Or Stranded, Aluminum Armor (26 05 19 16-0463)

26 05 19 16-0524	MLF	2 Conductors, #14 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable	3,544.25	1,142.64
26 05 19 16-0525	MLF	2 Conductors, #12 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable	3,909.62	1,283.86
26 05 19 16-0526	MLF	2 Conductors, #10 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable	4,762.16	1,410.70
26 05 19 16-0527	MLF	3 Conductors, #14 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable	4,273.24	1,283.86
26 05 19 16-0528	MLF	3 Conductors, #12 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable	4,808.33	1,410.70
26 05 19 16-0529	MLF	3 Conductors, #10 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable	5,941.59	1,609.40
26 05 19 16-0530	MLF	4 Conductors, #14 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable	5,454.18	1,410.70
26 05 19 16-0531	MLF	4 Conductors, #12 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable	5,984.05	1,609.40
26 05 19 16-0532	MLF	4 Conductors, #10 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable	8,531.67	1,785.37

26 05 19 16-0533 FPLP Solid TFN Red Armored Cable (26 05 19 16-0463)

Note: Color coded red.

26 05 19 16-0534	MLF	#18/2 With Bare #18 Ground Type TFN FPLP Red Armored Cable	3,807.39	868.41
26 05 19 16-0535	MLF	#18/4 With Bare #18 Ground Type TFN FPLP Red Armored Cable	4,315.96	1,005.52
26 05 19 16-0536	MLF	#18/6 With Bare #18 Ground Type TFN FPLP Red Armored Cable	5,391.60	1,142.64
26 05 19 16-0537	MLF	#18/8 With Bare #18 Ground Type TFN FPLP Red Armored Cable	6,196.46	1,279.75
26 05 19 16-0538	MLF	#16/2 With Bare #16 Ground Type TFN FPLP Red Armored Cable	4,326.76	1,005.52
26 05 19 16-0539	MLF	#16/4 With Bare #16 Ground Type TFN FPLP Red Armored Cable	5,132.61	1,142.64
26 05 19 16-0540	MLF	#16/6 With Bare #16 Ground Type TFN FPLP Red Armored Cable	6,507.45	1,279.75
26 05 19 16-0541	MLF	#16/8 With Bare #16 Ground Type TFN FPLP Red Armored Cable	7,418.27	1,416.87

26 05 19 16-0542 FPLP Solid THHN Red Armored Cable (26 05 19 16-0463)

Note: Color coded red.

26 05 19 16-0543	MLF	#14/2 With #14 Ground Type THHN FPLP Red Armored Cable	4,796.11	1,142.64
26 05 19 16-0544	MLF	#14/4 With #14 Ground Type THHN FPLP Red Armored Cable	6,011.05	1,279.75
26 05 19 16-0545	MLF	#14/6 With #14 Ground Type THHN FPLP Red Armored Cable	8,111.86	1,416.87
26 05 19 16-0546	MLF	#14/8 With #14 Ground Type THHN FPLP Red Armored Cable	9,440.60	1,553.98
26 05 19 16-0547	MLF	#12/2 With #12 Ground Type THHN FPLP Red Armored Cable	6,115.04	1,279.75
26 05 19 16-0548	MLF	#12/4 With #12 Ground Type THHN FPLP Red Armored Cable	7,541.88	1,416.87

26 05 19 16-0549 FPLP Twisted Shielded Pair Red Armored Cable (26 05 19 16-0463)

Note: Color coded red.

26 05 19 16-0550	MLF	#18/2 With #18 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	4,160.56	868.41
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 19 16-0551	MLF	#18/2 With #18 Tinned Ground And #14/2 With #14 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable.....	6,711.51	1,279.75
26 05 19 16-0552	MLF	#16/2 With #16 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable.....	5,142.00	1,005.52
26 05 19 16-0553	MLF	#16/4 With Two #16 Tinned Grounds FPLP Twisted Shielded Pair Red Armored Cable.....	6,092.07	1,142.64
26 05 19 16-0554	MLF	#16/2 With #16 Tinned Ground And #12/2 With #12 Ground FPLP Twisted Shielded Pair Red Armored Cable.....	8,540.58	1,416.87
26 05 19 16-0555	MLF	#14/2 With One #16 Tinned Ground And One #14 Ground FPLP Twisted Shielded Pair Red Armored Cable.....	6,018.96	1,188.34
26 05 19 16-0556	MLF	#14/4 With Two #16 Tinned Ground And One #14 Ground FPLP Twisted Shielded Pair Red Armored Cable.....	7,474.71	1,371.17

26 05 19 16-0557 Armored Cable Connectors (26 05 19 16-0463)

26 05 19 16-0558	EA	3/4" Armored Cable Connector.....	7.00	2.51
		<i>For Work In Restricted Working Space, Add</i>	1.88	
		<i>For Elevated Installation >10' To 15', Add</i>	0.63	
		<i>For Elevated Installation >15' To 20', Add</i>	1.25	
		<i>For Elevated Installation >20' To 25', Add</i>	1.57	
		<i>For Elevated Installation >25' To 30', Add</i>	2.19	
		<i>For Elevated Installation >30' To 35', Add</i>	2.51	
		<i>For Elevated Installation >35' To 40', Add</i>	3.14	
		<i>For Elevated Installation >40', Add</i>	3.45	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.88	
26 05 19 16-0559	EA	1" Armored Cable Connector.....	9.34	3.34
		<i>For Work In Restricted Working Space, Add</i>	2.51	
		<i>For Elevated Installation >10' To 15', Add</i>	0.84	
		<i>For Elevated Installation >15' To 20', Add</i>	1.67	
		<i>For Elevated Installation >20' To 25', Add</i>	2.09	
		<i>For Elevated Installation >25' To 30', Add</i>	2.92	
		<i>For Elevated Installation >30' To 35', Add</i>	3.34	
		<i>For Elevated Installation >35' To 40', Add</i>	4.18	
		<i>For Elevated Installation >40', Add</i>	4.59	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.51	
26 05 19 16-0560	EA	1-1/4" Armored Cable Connector.....	11.74	4.17
		<i>For Work In Restricted Working Space, Add</i>	3.13	
		<i>For Elevated Installation >10' To 15', Add</i>	1.04	
		<i>For Elevated Installation >15' To 20', Add</i>	2.09	
		<i>For Elevated Installation >20' To 25', Add</i>	2.61	
		<i>For Elevated Installation >25' To 30', Add</i>	3.65	
		<i>For Elevated Installation >30' To 35', Add</i>	4.18	
		<i>For Elevated Installation >35' To 40', Add</i>	5.22	
		<i>For Elevated Installation >40', Add</i>	5.74	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.13	

26 05 19 16-0561 600 Volt, Feeder Wire, Single Stranded Copper (26 05 19 16-0323)

26 05 19 16-0562	MLF	#14 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	910.81	167.33
		<i>For EPR Insulation, Add</i>	42.67	
		<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	99.56	
26 05 19 16-0563	MLF	#12 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	1,020.71	185.29
		<i>For EPR Insulation, Add</i>	43.50	
		<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	101.50	
26 05 19 16-0564	MLF	#10 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	1,258.49	231.63
		<i>For EPR Insulation, Add</i>	63.51	
		<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	148.18	
26 05 19 16-0565	MLF	#8 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	1,739.92	368.49
		<i>For EPR Insulation, Add</i>	104.40	
		<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	243.61	
26 05 19 16-0566	MLF	#6 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	2,422.26	442.19
		<i>For EPR Insulation, Add</i>	175.44	
		<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	409.36	
26 05 19 16-0567	MLF	#4 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	3,335.29	513.38
		<i>For EPR Insulation, Add</i>	265.42	
		<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	619.31	
26 05 19 16-0568	MLF	#3 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	3,808.16	587.60
		<i>For EPR Insulation, Add</i>	305.03	
		<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	711.74	
26 05 19 16-0569	MLF	#2 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	4,857.23	661.82
		<i>For EPR Insulation, Add</i>	431.08	
		<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	1,005.84	
26 05 19 16-0570	MLF	#1 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	6,075.20	737.09
		<i>For EPR Insulation, Add</i>	582.45	
		<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	1,359.06	
26 05 19 16-0571	MLF	1/0 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	7,354.97	831.56
		<i>For EPR Insulation, Add</i>	727.45	
		<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	1,697.37	
26 05 19 16-0572	MLF	2/0 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	8,914.59	922.17
		<i>For EPR Insulation, Add</i>	914.42	
		<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	2,133.64	
26 05 19 16-0573	MLF	3/0 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	10,749.49	1,029.48
		<i>For EPR Insulation, Add</i>	1,142.67	
		<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	2,666.24	
26 05 19 16-0574	MLF	4/0 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	12,144.35	1,144.62
		<i>For EPR Insulation, Add</i>	1,304.93	
		<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	3,044.83	
26 05 19 16-0575	MLF	250 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	12,913.22	1,255.38
		<i>For EPR Insulation, Add</i>	1,373.28	
		<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	3,204.33	
26 05 19 16-0576	MLF	300 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	15,316.88	1,380.02
		<i>For EPR Insulation, Add</i>	1,686.86	
		<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	3,936.00	

26 Electrical**26 05 Common Work Results for Electrical****26 05 19 Low-Voltage Electrical Power Conductors and Cables**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0577	MLF		350 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	17,120.59	1,463.01
			<i>For EPR Insulation, Add</i>	1,910.44	
			<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	4,457.69	
26 05 19 16-0578	MLF		400 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	19,228.93	1,635.15
			<i>For EPR Insulation, Add</i>	2,179.71	
			<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	5,086.00	
26 05 19 16-0579	MLF		500 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	22,050.17	1,818.56
			<i>For EPR Insulation, Add</i>	2,555.93	
			<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	5,963.83	
26 05 19 16-0580	MLF		600 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	25,912.94	1,892.05
			<i>For EPR Insulation, Add</i>	3,072.71	
			<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	7,169.66	
26 05 19 16-0581	MLF		750 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	42,636.00	1,965.43
			<i>For EPR Insulation, Add</i>	5,487.22	
			<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	12,803.51	
26 05 19 16-0582	MLF		1,000 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	53,935.24	2,100.10
			<i>For EPR Insulation, Add</i>	7,119.47	
			<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	16,612.10	
26 05 19 16-0583	MLF		#16 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	1,586.99	375.59
26 05 19 16-0584	MLF		#14 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	2,005.67	417.55
26 05 19 16-0585	MLF		#12 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	2,526.59	501.48
26 05 19 16-0586	MLF		#10 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	2,999.27	584.36
26 05 19 16-0587	MLF		#8 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	4,567.18	625.71
26 05 19 16-0588	MLF		#18 AWG, Type TFFN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	500.73	208.78
26 05 19 16-0589	MLF		#16 AWG, Type TFFN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	624.32	229.66
26 05 19 16-0590	MLF		#14 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	659.47	167.44
26 05 19 16-0591	MLF		#12 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	823.09	199.59
26 05 19 16-0592	MLF		#10 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	1,026.31	251.06
26 05 19 16-0593	MLF		#8 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	1,453.97	330.91
26 05 19 16-0594	MLF		#6 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	1,998.89	399.60
26 05 19 16-0595	MLF		#4 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	2,668.02	472.25
26 05 19 16-0596	MLF		#3 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	3,197.78	534.57
26 05 19 16-0597	MLF		#2 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	3,837.69	598.67
26 05 19 16-0598	MLF		#1 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	4,592.43	675.60
26 05 19 16-0599	MLF		1/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	5,344.36	739.80
26 05 19 16-0600	MLF		2/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	6,081.92	817.57
26 05 19 16-0601	MLF		3/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	7,257.56	864.76
26 05 19 16-0602	MLF		4/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	8,681.33	972.90
26 05 19 16-0603	MLF		250 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	10,225.76	1,035.02
26 05 19 16-0604	MLF		300 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	11,837.05	1,172.18
26 05 19 16-0605	MLF		350 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	13,572.79	1,297.23
26 05 19 16-0606	MLF		400 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	15,245.75	1,332.73
26 05 19 16-0607	MLF		500 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	18,182.07	1,409.98
26 05 19 16-0608	MLF		600 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	22,659.56	1,659.26
26 05 19 16-0609	MLF		750 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	35,039.29	1,965.43
26 05 19 16-0610	MLF		1,000 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	42,025.28	2,372.96
26 05 19 16-0611	MLF		#16 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	2,553.24	501.48
26 05 19 16-0612	MLF		#14 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	2,839.86	584.36
26 05 19 16-0613	MLF		#12 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	3,290.00	668.61
26 05 19 16-0614	MLF		#10 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	4,266.52	751.28
26 05 19 16-0615	MLF		#8 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	4,833.44	835.11
26 05 19 16-0616	MLF		#6 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	6,153.15	917.78

26 05 19 16-0617 600 Volt, Single Stranded Copper, Low Smoke Zero Halogen (26 05 19 16-0323)

26 05 19 16-0618	MLF		#14 AWG, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit.....	694.72	167.44
26 05 19 16-0619	MLF		#12 AWG, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit.....	893.91	199.59
26 05 19 16-0620	MLF		#10 AWG, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit.....	1,221.10	251.06
26 05 19 16-0621	MLF		#8 AWG, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit.....	1,860.17	330.91
26 05 19 16-0622	MLF		#6 AWG, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit.....	2,706.59	399.60
26 05 19 16-0623	MLF		#4 AWG, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit.....	3,547.55	472.25
26 05 19 16-0624	MLF		#3 AWG, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit.....	4,282.77	534.57
26 05 19 16-0625	MLF		#2 AWG, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit.....	5,221.49	598.67
26 05 19 16-0626	MLF		#1 AWG, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit.....	5,994.53	675.60
26 05 19 16-0627	MLF		1/0 AWG, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit.....	6,879.12	739.80
26 05 19 16-0628	MLF		2/0 AWG, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit.....	7,946.04	817.57
26 05 19 16-0629	MLF		3/0 AWG, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit.....	9,659.64	864.76
26 05 19 16-0630	MLF		4/0 AWG, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit.....	11,762.61	972.90
26 05 19 16-0631	MLF		250 MCM, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit.....	13,410.65	1,035.02
26 05 19 16-0632	MLF		300 MCM, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit.....	15,794.12	1,172.18
26 05 19 16-0633	MLF		350 MCM, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit.....	18,342.86	1,297.23
26 05 19 16-0634	MLF		400 MCM, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit.....	20,110.49	1,332.73
26 05 19 16-0635	MLF		500 MCM, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit.....	24,317.26	1,409.98
26 05 19 16-0636	MLF		600 MCM, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit.....	29,078.59	1,659.26
26 05 19 16-0637	MLF		750 MCM, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit.....	37,944.14	1,965.43
26 05 19 16-0638	MLF		1,000 MCM, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit.....	49,451.79	2,372.96

26 05 19 16-0639 600 Volt, Feeder Wire, Single Stranded Aluminum (26 05 19 16-0323)

26 05 19 16-0640	MLF		#6 AWG, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	1,249.56	315.45
26 05 19 16-0641	MLF		#4 AWG, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	1,485.18	366.80
26 05 19 16-0642	MLF		#2 AWG, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	1,948.30	470.85
26 05 19 16-0643	MLF		#1 AWG, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	2,443.87	525.79
26 05 19 16-0644	MLF		1/0 AWG, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	2,836.38	592.37
26 05 19 16-0645	MLF		2/0 AWG, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	3,236.29	653.82
26 05 19 16-0646	MLF		3/0 AWG, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	3,834.48	737.87

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0647 MLF 4/0 AWG,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	4,246.23	814.07
26 05 19 16-0648 MLF 250 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	4,936.61	894.92
26 05 19 16-0649 MLF 300 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	6,161.45	973.22
26 05 19 16-0650 MLF 350 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	6,418.82	1,051.48
26 05 19 16-0651 MLF 400 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	7,355.03	1,169.53
26 05 19 16-0652 MLF 500 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	8,106.49	1,287.55
26 05 19 16-0653 MLF 600 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	9,942.28	1,499.85
26 05 19 16-0654 MLF 700 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	11,259.53	1,644.25
26 05 19 16-0655 MLF 750 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	11,484.72	1,705.21
26 05 19 16-0656 MLF 1,000 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	15,923.12	2,068.51
26 05 19 16-0657 MLF #8 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	1,393.79	370.69
26 05 19 16-0658 MLF #6 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	1,567.25	417.55
26 05 19 16-0659 MLF #4 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	1,929.30	513.69
26 05 19 16-0660 MLF #2 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	2,449.95	629.68
26 05 19 16-0661 MLF #1 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	3,135.59	741.27
26 05 19 16-0662 MLF 1/0 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	3,627.61	835.42
26 05 19 16-0663 MLF 2/0 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	4,138.49	927.91
26 05 19 16-0664 MLF 3/0 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	4,790.15	1,012.37
26 05 19 16-0665 MLF 4/0 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	5,204.02	1,077.39
26 05 19 16-0666 MLF 250 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	5,946.74	1,152.77
26 05 19 16-0667 MLF 300 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	7,321.94	1,235.44
26 05 19 16-0668 MLF 350 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	7,639.74	1,334.62
26 05 19 16-0669 MLF 400 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	8,669.71	1,455.39
26 05 19 16-0670 MLF 500 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	9,725.05	1,670.22
26 05 19 16-0671 MLF 600 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	11,425.75	1,757.70
26 05 19 16-0672 MLF 700 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	12,749.84	1,853.11
26 05 19 16-0673 MLF 750 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	13,123.48	1,969.40
26 05 19 16-0674 MLF 1,000 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	19,107.87	2,760.04
26 05 19 16-0675 MLF #6 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	1,701.43	417.55
26 05 19 16-0676 MLF #4 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	2,129.26	513.59
26 05 19 16-0677 MLF #2 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	2,665.97	630.51
26 05 19 16-0678 MLF #1 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	3,401.94	737.09
26 05 19 16-0679 MLF 1/0 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	3,844.83	831.56
26 05 19 16-0680 MLF 2/0 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	4,372.03	922.17
26 05 19 16-0681 MLF 3/0 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	5,123.57	1,012.37
26 05 19 16-0682 MLF 4/0 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	5,624.31	1,077.39
26 05 19 16-0683 MLF 250 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	6,449.65	1,152.03
26 05 19 16-0684 MLF 300 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	7,977.13	1,237.00
26 05 19 16-0685 MLF 350 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	8,413.50	1,336.39
26 05 19 16-0686 MLF 400 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	9,341.48	1,452.05
26 05 19 16-0687 MLF 500 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	10,751.00	1,670.22
26 05 19 16-0688 MLF 600 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	12,460.86	1,753.00
26 05 19 16-0689 MLF 700 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	13,913.64	1,853.11
26 05 19 16-0690 MLF 750 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit.....	14,414.91	1,963.45
26 05 19 16-0691 Non-Metallic Sheathed Cable <small>(26 05 19 16-0323)</small>		
26 05 19 16-0692 Indoor Installation <small>(26 05 19 16-0691)</small>		
Note: For NM, NM-B, NMC-B and NMS-B.		
26 05 19 16-0693 MLF #14 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable.....	2,408.27	793.25
<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>		
	297.46	
26 05 19 16-0694 MLF #14 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable.....	2,983.96	960.38
<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>		
	360.16	
26 05 19 16-0695 MLF #14 AWG, 4 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable.....	4,016.16	1,062.68
<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>		
	398.51	
26 05 19 16-0696 MLF #12 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable.....	2,873.91	901.92
<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>		
	321.00	
26 05 19 16-0697 MLF #12 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable.....	3,891.86	1,001.92
<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>		
	375.74	
26 05 19 16-0698 MLF #12 AWG, 4 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable.....	4,942.65	1,119.04
<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>		
	419.64	
26 05 19 16-0699 MLF #10 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable.....	3,518.80	1,002.44
<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>		
	375.93	
26 05 19 16-0700 MLF #10 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable.....	5,132.88	1,169.36
<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>		
	438.51	
26 05 19 16-0701 MLF #10 AWG, 4 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable.....	6,057.88	1,336.18
<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>		
	501.07	
26 05 19 16-0702 MLF #8 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable.....	5,828.84	1,200.47
<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>		
	427.47	
26 05 19 16-0703 MLF #8 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable.....	7,362.07	1,451.01
<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>		
	516.72	
26 05 19 16-0704 MLF #6 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable.....	7,428.77	1,367.49
<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>		
	485.41	
26 05 19 16-0705 MLF #6 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable.....	9,747.21	1,649.34
<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>		
	587.19	
26 05 19 16-0706 MLF #4 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable.....	20,528.23	1,816.36
<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>		
	645.90	
26 05 19 16-0707 MLF #2 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable.....	23,811.02	1,972.95
<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>		
	704.62	
26 05 19 16-0708 Direct Burial Cable <small>(26 05 19 16-0691)</small>		
Note: Excludes trench and backfill. For NM, NM-B, NMC-B and NMS-B. Copper.		
26 05 19 16-0709 MLF #14 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench.....	2,396.24	

26 Electrical**26 05 Common Work Results for Electrical****26 05 19 Low-Voltage Electrical Power Conductors and Cables**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 19 16-0710	MLF	#14 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	3,138.39	
26 05 19 16-0711	MLF	#12 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	3,048.97	
26 05 19 16-0712	MLF	#12 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	3,955.21	
26 05 19 16-0713	MLF	#10 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	3,338.87	
26 05 19 16-0714	MLF	#10 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	4,848.02	
26 05 19 16-0715	MLF	#8 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	5,289.77	
26 05 19 16-0716	MLF	#8 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	6,793.65	
26 05 19 16-0717	MLF	#6 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	6,700.78	
26 05 19 16-0718	MLF	#6 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	8,874.59	

26 05 19 16-0719 SEU Cable Copper, 3 Conductor (26 05 19 16-0691)

26 05 19 16-0720	MLF	12-12-12 Cable SEU Copper	3,260.10	1,005.86
26 05 19 16-0721	MLF	10-10-10 Cable SEU Copper	4,189.27	1,142.64
26 05 19 16-0722	MLF	8-8-8 Cable SEU Copper	5,329.03	1,279.52
26 05 19 16-0723	MLF	6-6-8 Cable SEU Copper	6,578.09	1,371.74
26 05 19 16-0724	MLF	6-6-6 Cable SEU Copper	7,123.79	1,417.66
26 05 19 16-0725	MLF	4-4-6 Cable SEU Copper	8,827.05	1,554.56
26 05 19 16-0726	MLF	4-4-4 Cable SEU Copper	9,572.96	1,600.37
26 05 19 16-0727	MLF	3-3-5 Cable SEU Copper	11,251.03	1,736.58
26 05 19 16-0728	MLF	3-3-3 Cable SEU Copper	11,964.01	1,828.22
26 05 19 16-0729	MLF	2-2-4 Cable SEU Copper	12,807.89	1,920.42
26 05 19 16-0730	MLF	2-2-2 Cable SEU Copper	13,727.91	2,011.73
26 05 19 16-0731	MLF	1-1-1 Cable SEU Copper	16,951.27	2,285.27
26 05 19 16-0732	MLF	1/0-1/0-1/0 Cable SEU Copper	20,304.97	2,562.02
26 05 19 16-0733	MLF	2/0-2/0-2/0 Cable SEU Copper	24,618.06	2,885.50
26 05 19 16-0734	MLF	3/0-3/0-3/0 Cable SEU Copper	29,837.67	3,209.67
26 05 19 16-0735	MLF	4/0-4/0-4/0 Cable SEU Copper	33,349.43	3,581.93

26 05 19 16-0736 SEU Cable Aluminum, 3 Conductor (26 05 19 16-0691)

26 05 19 16-0737	MLF	8-8-8 Cable SEU Aluminum	4,395.45	1,283.86
26 05 19 16-0738	MLF	6-6-6 Cable SEU Aluminum	5,051.22	1,410.70
26 05 19 16-0739	MLF	4-4-6 Cable SEU Aluminum	5,703.55	1,544.16
26 05 19 16-0740	MLF	4-4-4 Cable SEU Aluminum	5,978.03	1,609.40
26 05 19 16-0741	MLF	2-2-4 Cable SEU Aluminum	7,168.79	1,904.43
26 05 19 16-0742	MLF	2-2-2 Cable SEU Aluminum	7,622.90	2,004.64
26 05 19 16-0743	MLF	1-1-1 Cable SEU Aluminum	9,251.93	2,285.27
26 05 19 16-0744	MLF	1/0-1/0-2 Cable SEU Aluminum	9,804.16	2,405.59
26 05 19 16-0745	MLF	1/0-1/0-1/0 Cable SEU Aluminum	12,215.36	2,539.16
26 05 19 16-0746	MLF	2/0-2/0-1 Cable SEU Aluminum	11,065.95	2,720.62
26 05 19 16-0747	MLF	2/0-2/0-2/0 Cable SEU Aluminum	11,703.62	2,856.59
26 05 19 16-0748	MLF	3/0-3/0-1/0 Cable SEU Aluminum	12,843.33	2,991.19
26 05 19 16-0749	MLF	3/0-3/0-3/0 Cable SEU Aluminum	13,760.56	3,174.01
26 05 19 16-0750	MLF	4/0-4/0-2/0 Cable SEU Aluminum	14,465.38	3,431.34
26 05 19 16-0751	MLF	4/0-4/0-4/0 Cable SEU Aluminum	15,318.86	3,570.73

26 05 19 16-0752 SER Cable Copper, 4 Conductor (26 05 19 16-0691)

26 05 19 16-0753	MLF	6-6-6-6 Cable SER Copper	10,419.62	1,646.42
26 05 19 16-0754	MLF	4-4-4-6 Cable SER Copper	11,433.06	1,782.63
26 05 19 16-0755	MLF	3-3-3-5 Cable SER Copper	14,231.61	2,011.73
26 05 19 16-0756	MLF	2-2-2-4 Cable SER Copper	16,327.92	2,193.17
26 05 19 16-0757	MLF	1-1-1-3 Cable SER Copper	19,045.19	2,511.29
26 05 19 16-0758	MLF	1/0-1/0-1/0-2 Cable SER Copper	23,254.07	2,878.19
26 05 19 16-0759	MLF	2/0-2/0-2/0-1 Cable SER Copper	29,296.01	3,105.00
26 05 19 16-0760	MLF	3/0-3/0-3/0-1/0 Cable SER Copper	33,874.79	3,473.04

26 05 19 16-0761 SER Cable Aluminum, 4 Conductor (26 05 19 16-0691)

26 05 19 16-0762	MLF	8-8-8-8 Cable SER Aluminum	6,130.37	1,536.73
26 05 19 16-0763	MLF	6-6-6-6 Cable SER Aluminum	6,738.72	1,646.42
26 05 19 16-0764	MLF	4-4-4-6 Cable SER Aluminum	7,658.69	1,782.63
26 05 19 16-0765	MLF	2-2-2-4 Cable SER Aluminum	9,747.66	2,193.17
26 05 19 16-0766	MLF	1-1-1-3 Cable SER Aluminum	11,982.54	2,511.29
26 05 19 16-0767	MLF	1/0-1/0-1/0-2 Cable SER Aluminum	13,458.31	2,878.19
26 05 19 16-0768	MLF	2/0-2/0-2/0-1 Cable SER Aluminum	15,278.87	3,105.00
26 05 19 16-0769	MLF	3/0-3/0-3/0-1/0 Cable SER Aluminum	17,513.23	3,473.04
26 05 19 16-0770	MLF	4/0-4/0-4/0-2/0 Cable SER Aluminum	20,029.52	3,869.99

26 05 19 16-0771 Control Tray Cable, Low Voltage (26 05 19 16-0011)

Note: Type "TC" multi-conductor (individually numbered conductors) control cables installed in conduit.

26 05 19 16-0772	MLF	2 Conductor #18 AWG, Stranded, Type TC Control Cable	1,042.69	506.39
		<i>For Work In Restricted Working Space, Add</i>	253.19	
26 05 19 16-0773	MLF	3 Conductor #18 AWG, Stranded, Type TC Control Cable	1,199.57	566.46
		<i>For Work In Restricted Working Space, Add</i>	283.23	
26 05 19 16-0774	MLF	4 Conductor #18 AWG, Stranded, Type TC Control Cable	1,251.62	566.42
		<i>For Work In Restricted Working Space, Add</i>	283.23	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0775 MLF 5 Conductor #18 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	1,567.31 355.22	710.45
26 05 19 16-0776 MLF 7 Conductor #18 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	1,968.08 432.88	865.75
26 05 19 16-0777 MLF 9 Conductor #18 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	2,239.62 476.01	952.02
26 05 19 16-0778 MLF 12 Conductor #18 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	2,654.52 540.87	1,081.74
26 05 19 16-0779 MLF 15 Conductor #18 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	3,348.60 661.10	1,322.19
26 05 19 16-0780 MLF 19 Conductor #18 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	3,813.98 721.22	1,442.45
26 05 19 16-0781 MLF 25 Conductor #18 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	4,475.80 743.77	1,487.54
26 05 19 16-0782 MLF 30 Conductor #18 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	5,495.93 929.16	1,858.33
26 05 19 16-0783 MLF 37 Conductor #18 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	6,581.41 1,085.90	2,171.81
26 05 19 16-0784 MLF 2 Conductor #16 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	1,136.74 266.51	533.43
26 05 19 16-0785 MLF 3 Conductor #16 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	1,313.14 298.13	596.27
26 05 19 16-0786 MLF 4 Conductor #16 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	1,528.51 343.23	686.46
26 05 19 16-0787 MLF 5 Conductor #16 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	1,725.43 373.92	747.84
26 05 19 16-0788 MLF 7 Conductor #16 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	2,175.31 455.66	911.32
26 05 19 16-0789 MLF 9 Conductor #16 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	2,486.35 501.07	1,002.13
26 05 19 16-0790 MLF 12 Conductor #16 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	2,962.31 569.34	1,138.68
26 05 19 16-0791 MLF 15 Conductor #16 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	3,750.71 695.86	1,391.71
26 05 19 16-0792 MLF 19 Conductor #16 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	4,292.76 759.12	1,518.23
26 05 19 16-0793 MLF 25 Conductor #16 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	5,105.43 782.92	1,565.83
26 05 19 16-0794 MLF 30 Conductor #16 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	6,258.46 978.02	1,956.04
26 05 19 16-0795 MLF 37 Conductor #16 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	7,512.35 1,143.06	2,286.12
26 05 19 16-0796 MLF 2 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	1,229.63 278.41	556.81
26 05 19 16-0797 MLF 3 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	1,463.78 313.17	626.34
26 05 19 16-0798 MLF 4 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	1,713.59 357.95	715.90
26 05 19 16-0799 MLF 5 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	1,923.73 385.51	771.02
26 05 19 16-0800 MLF 7 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	2,551.03 472.57	945.14
26 05 19 16-0801 MLF 9 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	2,934.79 522.05	1,043.89
26 05 19 16-0802 MLF 12 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	3,585.72 582.49	1,164.98
26 05 19 16-0803 MLF 15 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	4,282.97 695.86	1,391.50
26 05 19 16-0804 MLF 19 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	7,141.61 808.28	1,616.99
26 05 19 16-0805 MLF 25 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	6,392.37 945.45	1,890.48
26 05 19 16-0806 MLF 30 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	7,418.96 1,056.31	2,112.62
26 05 19 16-0807 MLF 37 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	8,927.82 1,234.50	2,469.00
26 05 19 16-0808 MLF 2 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	1,425.50 298.13	596.27
26 05 19 16-0809 MLF 3 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	1,696.52 329.76	659.74
26 05 19 16-0810 MLF 4 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	2,057.67 379.56	759.12
26 05 19 16-0811 MLF 5 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	2,322.43 403.99	807.97
26 05 19 16-0812 MLF 7 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	3,048.52 481.65	963.30
26 05 19 16-0813 MLF 9 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	3,754.79 569.34	1,138.68
26 05 19 16-0814 MLF 12 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	4,553.93 642.31	1,284.61
26 05 19 16-0815 MLF 15 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	5,413.27 736.88	1,473.76
26 05 19 16-0816 MLF 19 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	6,391.59 835.22	1,670.43
26 05 19 16-0817 MLF 25 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	8,162.42 976.14	1,952.28
26 05 19 16-0818 MLF 30 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	9,454.86 1,140.86	2,281.73

26 Electrical
26 05 Common Work Results for Electrical
26 05 19 Low-Voltage Electrical Power Conductors and Cables



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0819	MLF		37 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	11,423.45 1,333.46	2,666.92
26 05 19 16-0820	MLF		2 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	1,688.52 313.17	626.34
26 05 19 16-0821	MLF		3 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	2,096.25 343.23	686.88
26 05 19 16-0822	MLF		4 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	2,546.80 391.46	782.92
26 05 19 16-0823	MLF		5 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	2,953.15 424.65	849.31
26 05 19 16-0824	MLF		7 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	3,988.54 533.01	1,066.02
26 05 19 16-0825	MLF		9 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	4,720.88 596.58	1,193.16
26 05 19 16-0826	MLF		12 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	5,501.25 695.86	1,391.71
26 05 19 16-0827	MLF		15 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	6,496.62 795.76	1,591.51
26 05 19 16-0828	MLF		19 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	7,696.20 901.92	1,803.84
26 05 19 16-0829	MLF		25 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	9,894.94 1,054.12	2,108.24
26 05 19 16-0830	MLF		30 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	11,454.22 1,232.00	2,464.00
26 05 19 16-0831	MLF		37 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	13,872.99 1,440.25	2,880.50

26 05 19 16-0832 Single Conductor Installed On Poles (26 05 19 16-0011)

26 05 19 16-0833 Bare Stranded Conductor (26 05 19 16-0832)

26 05 19 16-0834	MLF	#12 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles.....	1,340.97	446.29
26 05 19 16-0835	MLF	#10 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles.....	1,571.36	486.46
26 05 19 16-0836	MLF	#8 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles.....	1,803.06	527.11
26 05 19 16-0837	MLF	#6 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles.....	2,209.41	568.00
26 05 19 16-0838	MLF	#4 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles.....	2,686.90	609.02
26 05 19 16-0839	MLF	#2 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles.....	3,849.08	730.49
26 05 19 16-0840	MLF	#1 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles.....	4,423.35	811.42
26 05 19 16-0841	MLF	1/0 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles.....	5,047.99	890.89
26 05 19 16-0842	MLF	2/0 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles.....	6,770.76	1,056.65
26 05 19 16-0843	MLF	3/0 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles.....	8,216.65	1,214.87
26 05 19 16-0844	MLF	4/0 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles.....	8,818.73	1,376.86
26 05 19 16-0845	MLF	250 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles.....	11,163.51	1,622.71
26 05 19 16-0846	MLF	300 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles.....	11,419.22	1,708.15
26 05 19 16-0847	MLF	350 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles.....	14,259.06	1,788.84
26 05 19 16-0848	MLF	400 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles.....	15,758.31	1,862.23
26 05 19 16-0849	MLF	500 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles.....	18,372.43	1,941.70

26 05 19 16-0850 Insulated Stranded Conductor (26 05 19 16-0832)

26 05 19 16-0851	MLF	#12 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles.....	1,450.05	446.29
26 05 19 16-0852	MLF	#10 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles.....	1,712.10	486.46
26 05 19 16-0853	MLF	#8 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles.....	2,080.91	527.11
26 05 19 16-0854	MLF	#6 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles.....	2,262.00	568.00
26 05 19 16-0855	MLF	#4 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles.....	2,767.14	609.02
26 05 19 16-0856	MLF	#2 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles.....	3,733.20	730.49
26 05 19 16-0857	MLF	#1 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles.....	4,411.79	811.42
26 05 19 16-0858	MLF	1/0 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles.....	5,209.33	890.89
26 05 19 16-0859	MLF	2/0 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles.....	6,275.28	1,056.65
26 05 19 16-0860	MLF	3/0 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles.....	7,526.00	1,214.87
26 05 19 16-0861	MLF	4/0 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles.....	8,872.61	1,376.86
26 05 19 16-0862	MLF	250 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles.....	10,833.85	1,622.71
26 05 19 16-0863	MLF	300 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles.....	12,291.81	1,708.15
26 05 19 16-0864	MLF	350 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles.....	13,480.67	1,788.84
26 05 19 16-0865	MLF	400 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles.....	15,112.92	1,862.23
26 05 19 16-0866	MLF	500 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles.....	16,999.71	1,941.70

26 05 19 16-0867 Bare Solid Conductor (26 05 19 16-0832)

26 05 19 16-0868	MLF	#12 AWG, Single Conductor, Bare Solid Copper Cable, Installed On Poles.....	1,340.97	446.29
26 05 19 16-0869	MLF	#8 AWG, Single Conductor, Bare Solid Copper Cable, Installed On Poles.....	1,803.06	527.11
26 05 19 16-0870	MLF	#6 AWG, Single Conductor, Bare Solid Copper Cable, Installed On Poles.....	2,209.41	568.00
26 05 19 16-0871	MLF	#4 AWG, Single Conductor, Bare Solid Copper Cable, Installed On Poles.....	2,653.74	609.02

26 05 23 Control-Voltage Electrical Power Cables (26 05)

26 05 23 00-0001 Cable For HVAC System Controls (26 05 23)

26 05 23 00-0002 Low Voltage Thermostat Cable To 300 Volt (26 05 23 00-0001)

Note: For surface or conduit installation.

26 05 23 00-0003	MLF	#20/2 Conductor, Low Volt Thermostat Cable.....	492.15	133.10
26 05 23 00-0004	MLF	#20/3 Conductor, Low Volt Thermostat Cable.....	571.51	140.20
26 05 23 00-0005	MLF	#20/4 Conductor, Low Volt Thermostat Cable.....	622.52	148.23
26 05 23 00-0006	MLF	#20/5 Conductor, Low Volt Thermostat Cable.....	766.20	154.50
26 05 23 00-0007	MLF	#20/6 Conductor, Low Volt Thermostat Cable.....	805.23	161.81

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 23 00-0008	MLF	#20/7 Conductor, Low Volt Thermostat Cable.....	892.22	168.53
26 05 23 00-0009	MLF	#20/8 Conductor, Low Volt Thermostat Cable.....	966.83	175.27
26 05 23 00-0010	MLF	#20/9 Conductor, Low Volt Thermostat Cable.....	1,056.34	182.26
26 05 23 00-0011	MLF	#20/10 Conductor, Low Volt Thermostat Cable.....	1,143.38	187.74
26 05 23 00-0012	MLF	#18/2 Conductor, Low Volt Thermostat Cable.....	543.97	133.10
26 05 23 00-0013	MLF	#18/3 Conductor, Low Volt Thermostat Cable.....	663.96	140.20
26 05 23 00-0014	MLF	#18/4 Conductor, Low Volt Thermostat Cable.....	769.21	148.23
26 05 23 00-0015	MLF	#18/5 Conductor, Low Volt Thermostat Cable.....	826.75	154.50
26 05 23 00-0016	MLF	#18/6 Conductor, Low Volt Thermostat Cable.....	926.88	161.81
26 05 23 00-0017	MLF	#18/7 Conductor, Low Volt Thermostat Cable.....	948.08	168.53
26 05 23 00-0018	MLF	#18/8 Conductor, Low Volt Thermostat Cable.....	1,052.07	175.27
26 05 23 00-0019	MLF	#18/9 Conductor, Low Volt Thermostat Cable.....	1,260.85	182.26
26 05 23 00-0020	MLF	#18/10 Conductor, Low Volt Thermostat Cable.....	1,395.62	187.74

26 05 26 Grounding and Bonding for Electrical Systems (26 05)

26 05 26 00-0001 Conductors, Straps And Conduit Jumpers (26 05 26)

26 05 26 00-0002 Single Conductor (26 05 26 00-0001)

26 05 26 00-0003 Copper Bare Stranded Conductors (26 05 26 00-0002)

26 05 26 00-0004	MLF	12 AWG Copper Bare Single Stranded Conductor.....	593.51	213.53
26 05 26 00-0005	MLF	10 AWG Copper Bare Single Stranded Conductor.....	793.26	213.53
26 05 26 00-0006	MLF	8 AWG Copper Bare Single Stranded Conductor.....	993.86	257.22
26 05 26 00-0007	MLF	6 AWG Copper Bare Single Stranded Conductor.....	1,384.93	257.22
26 05 26 00-0008	MLF	4 AWG Copper Bare Single Stranded Conductor.....	1,875.22	310.60
26 05 26 00-0009	MLF	2 AWG Copper Bare Single Stranded Conductor.....	2,977.54	310.60
26 05 26 00-0010	MLF	1 AWG Copper Bare Single Stranded Conductor.....	3,453.50	373.69
26 05 26 00-0011	MLF	1/0 AWG Copper Bare Single Stranded Conductor.....	4,053.52	373.69
26 05 26 00-0012	MLF	2/0 AWG Copper Bare Single Stranded Conductor.....	5,706.01	470.76
26 05 26 00-0013	MLF	3/0 AWG Copper Bare Single Stranded Conductor.....	7,047.53	470.76
26 05 26 00-0014	MLF	4/0 AWG Copper Bare Single Stranded Conductor.....	7,460.26	626.06
26 05 26 00-0015	MLF	250 MCM Copper Bare Single Stranded Conductor.....	9,608.09	626.06
26 05 26 00-0016	MLF	300 MCM Copper Bare Single Stranded Conductor.....	9,627.97	723.13
26 05 26 00-0017	MLF	350 MCM Copper Bare Single Stranded Conductor.....	13,019.53	723.13
26 05 26 00-0018	MLF	500 MCM Copper Bare Single Stranded Conductor.....	17,801.25	892.98

26 05 26 00-0019 Copper Insulated Single Stranded Conductors (26 05 26 00-0002)

26 05 26 00-0020	MLF	12 AWG Copper Insulated Single Stranded Conductor.....	1,145.00	291.19
26 05 26 00-0021	MLF	10 AWG Copper Insulated Single Stranded Conductor.....	1,209.82	291.19
26 05 26 00-0022	MLF	8 AWG Copper Insulated Single Stranded Conductor.....	1,560.49	291.19
26 05 26 00-0023	MLF	6 AWG Copper Insulated Single Stranded Conductor.....	1,761.78	504.73
26 05 26 00-0024	MLF	4 AWG Copper Insulated Single Stranded Conductor.....	2,401.48	504.73
26 05 26 00-0025	MLF	2 AWG Copper Insulated Single Stranded Conductor.....	3,417.31	504.73
26 05 26 00-0026	MLF	1 AWG Copper Insulated Single Stranded Conductor.....	4,144.40	883.27
26 05 26 00-0027	MLF	1/0 AWG Copper Insulated Single Stranded Conductor.....	5,070.34	883.27
26 05 26 00-0028	MLF	2/0 AWG Copper Insulated Single Stranded Conductor.....	5,964.50	883.27
26 05 26 00-0029	MLF	3/0 AWG Copper Insulated Single Stranded Conductor.....	7,130.69	883.27
26 05 26 00-0030	MLF	4/0 AWG Copper Insulated Single Stranded Conductor.....	8,432.63	1,155.05
26 05 26 00-0031	MLF	250 MCM Copper Insulated Single Stranded Conductor.....	10,229.98	1,155.05
26 05 26 00-0032	MLF	300 MCM Copper Insulated Single Stranded Conductor.....	11,939.43	1,155.05
26 05 26 00-0033	MLF	350 MCM Copper Insulated Single Stranded Conductor.....	13,923.52	1,795.67
26 05 26 00-0034	MLF	500 MCM Copper Insulated Single Stranded Conductor.....	18,246.57	1,795.67

26 05 26 00-0035 Copper Bare Single Solid Conductors (26 05 26 00-0002)

26 05 26 00-0036	MLF	12 AWG Copper Bare Single Solid Conductor.....	593.51	213.53
26 05 26 00-0037	MLF	10 AWG Copper Bare Single Solid Conductor.....	793.26	213.53
26 05 26 00-0038	MLF	8 AWG Copper Bare Single Solid Conductor.....	993.86	257.22
26 05 26 00-0039	MLF	6 AWG Copper Bare Single Solid Conductor.....	1,384.93	257.22
26 05 26 00-0040	MLF	4 AWG Copper Bare Single Solid Conductor.....	1,875.22	310.60
26 05 26 00-0041	MLF	2 AWG Copper Bare Single Solid Conductor.....	2,977.54	310.60
26 05 26 00-0042	MLF	1/0 AWG Copper Bare Single Solid Conductor.....	4,053.52	373.69
26 05 26 00-0043	MLF	4/0 AWG Copper Bare Single Solid Conductor.....	7,460.26	495.02

26 05 26 00-0044 Aluminum Bare Single Stranded Conductors (26 05 26 00-0002)

26 05 26 00-0045	MLF	8 AWG Aluminum Bare Single Stranded Conductor.....	726.52	257.22
26 05 26 00-0046	MLF	6 AWG Aluminum Bare Single Stranded Conductor.....	808.40	257.22
26 05 26 00-0047	MLF	4 AWG Aluminum Bare Single Stranded Conductor.....	936.03	310.60
26 05 26 00-0048	MLF	2 AWG Aluminum Bare Single Stranded Conductor.....	1,200.09	310.60
26 05 26 00-0049	MLF	1 AWG Aluminum Bare Single Stranded Conductor.....	1,416.31	373.69
26 05 26 00-0050	MLF	1/0 AWG Aluminum Bare Single Stranded Conductor.....	1,622.76	373.69
26 05 26 00-0051	MLF	2/0 AWG Aluminum Bare Single Stranded Conductor.....	1,861.42	470.76
26 05 26 00-0052	MLF	3/0 AWG Aluminum Bare Single Stranded Conductor.....	2,160.42	470.76
26 05 26 00-0053	MLF	4/0 AWG Aluminum Bare Single Stranded Conductor.....	2,563.97	626.06
26 05 26 00-0054	MLF	250 MCM Aluminum Bare Single Stranded Conductor.....	2,897.95	626.06
26 05 26 00-0055	MLF	300 MCM Aluminum Bare Single Stranded Conductor.....	3,520.22	723.13
26 05 26 00-0056	MLF	350 MCM Aluminum Bare Single Stranded Conductor.....	4,044.33	723.13
26 05 26 00-0057	MLF	500 MCM Aluminum Bare Single Stranded Conductor.....	4,742.91	892.98

26 05 26 00-0058 Aluminum Bare Single Solid Conductors (26 05 26 00-0002)

26 Electrical**26 05 Common Work Results for Electrical****26 05 26 Grounding and Bonding for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 26 00-0059	MLF	8 AWG Aluminum Bare Single Solid Conductor	726.52	257.22
26 05 26 00-0060	MLF	6 AWG Aluminum Bare Single Solid Conductor	808.40	257.22
26 05 26 00-0061	MLF	4 AWG Aluminum Bare Single Solid Conductor	936.03	310.60
26 05 26 00-0062	MLF	2 AWG Aluminum Bare Single Solid Conductor	1,200.09	310.60
26 05 26 00-0063	MLF	1 AWG Aluminum Bare Single Solid Conductor	1,377.13	495.02
26 05 26 00-0064	MLF	1/0 AWG Aluminum Bare Single Solid Conductor	1,622.76	495.02
26 05 26 00-0065	MLF	2/0 AWG Aluminum Bare Single Solid Conductor	1,764.38	470.76
26 05 26 00-0066	MLF	3/0 AWG Aluminum Bare Single Solid Conductor	1,965.02	470.76
26 05 26 00-0067	MLF	4/0 AWG Aluminum Bare Single Solid Conductor	2,563.97	626.06
26 05 26 00-0068	MLF	250 MCM Aluminum Bare Single Solid Conductor	2,897.95	626.06
26 05 26 00-0069	MLF	300 MCM Aluminum Bare Single Solid Conductor	3,520.22	723.13
26 05 26 00-0070	MLF	350 MCM Aluminum Bare Single Solid Conductor	4,044.33	723.13
26 05 26 00-0071	MLF	500 MCM Aluminum Bare Single Solid Conductor	4,742.91	892.98

26 05 26 00-0072 Aluminum Smooth Woven Conductors (26 05 26 00-0002)

26 05 26 00-0073	LF	10 Strand x 14 AWG Smooth Weave Aluminum Conductor	2.76	0.79
26 05 26 00-0074	LF	16 Strand x 14 AWG Smooth Weave Aluminum Conductor	3.06	0.87
26 05 26 00-0075	LF	24 Strand x 14 AWG Smooth Weave Aluminum Conductor	3.64	0.99
26 05 26 00-0076	LF	26 Strand x 14 AWG Smooth Weave Aluminum Conductor	3.65	1.01
26 05 26 00-0077	LF	28 Strand x 14 AWG Smooth Weave Aluminum Conductor	3.83	1.06

26 05 26 00-0078 Copper Flexible Braid Connector Jumper Strap (26 05 26 00-0001)

Note: Manufactured from flat extra flexible tinned braid. Ferrules are tin plated pure electrolytic copper with 2 holes, on each end.

26 05 26 00-0079	EA	100 Amperes, Copper Flexible Braid Jumper Strap, 12" Length	134.20	28.57
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.14	
26 05 26 00-0080	EA	225 Amperes, Copper Flexible Braid Jumper Strap, 12" Length	232.34	34.28
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.57	
26 05 26 00-0081	EA	225 Amperes, Copper Flexible Braid Jumper Strap, 18" Length	297.91	34.28
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.57	
26 05 26 00-0082	EA	225 Amperes, Copper Flexible Braid Jumper Strap, 24" Length	362.59	34.28
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.57	
26 05 26 00-0083	EA	400 Amperes, Copper Flexible Braid Jumper Strap, 12" Length	312.96	37.14
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.71	
26 05 26 00-0084	EA	400 Amperes, Copper Flexible Braid Jumper Strap, 18" Length	407.30	37.14
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.71	
26 05 26 00-0085	EA	400 Amperes, Copper Flexible Braid Jumper Strap, 24" Length	489.26	37.14
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.71	
26 05 26 00-0086	EA	600 Amperes, Copper Flexible Braid Jumper Strap, 12" Length	407.82	47.13
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.28	
26 05 26 00-0087	EA	800 Amperes, Copper Flexible Braid Jumper Strap, 12" Length	490.41	57.13
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.28	

26 05 26 00-0088 Bonding Jumper For Metallic Conduit (26 05 26 00-0001)

26 05 26 00-0089	EA	1/2" To 1" Conductor, Bonding Jumper, Metallic Conduit	177.85	62.85
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35.71	
26 05 26 00-0090	EA	1-1/4" To 2" Conductor, Bonding Jumper, Metallic Conduit	219.10	62.85
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	43.95	
26 05 26 00-0091	EA	2-1/2" To 4" Conductor, Bonding Jumper, Metallic Conduit	322.26	97.13
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.94	
26 05 26 00-0092	EA	5" To 6" Conductor, Bonding Jumper, Metallic Conduit	477.71	97.13
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	63.48	

26 05 26 00-0093 Ground Rods (26 05 26)**26 05 26 00-0094 Copper-Clad Ground Rods** (26 05 26 00-0093)

26 05 26 00-0095	EA	1/2" Diameter x 8' Long Copper-Clad Ground Rods	100.00	85.70
26 05 26 00-0096	EA	5/8" Diameter x 8' Long Copper-Clad Ground Rods	104.60	85.70
26 05 26 00-0097	EA	3/4" Diameter x 8' Long Copper-Clad Ground Rods	123.16	85.70
26 05 26 00-0098	EA	1/2" Diameter x 10' Long Copper-Clad Ground Rods	117.88	85.70
26 05 26 00-0099	EA	5/8" Diameter x 10' Long Copper-Clad Ground Rods	123.62	85.70
26 05 26 00-0100	EA	3/4" Diameter x 10' Long Copper-Clad Ground Rods	146.82	85.70

26 05 26 00-0101 Copper Grounding Shaft (26 05 26 00-0093)

26 05 26 00-0102	EA	2-1/8" Diameter x 10' Long Copper Grounding Shaft	270.82	85.70
26 05 26 00-0103	EA	2-1/8" Diameter "L" Shaped; 3' Riser x 10' Horizontal Copper Grounding Shaft	333.79	85.70
26 05 26 00-0104	EA	2-1/8" Diameter "L" Shaped; 3' Riser x 20' Horizontal Copper Grounding Shaft	501.78	85.70

26 05 26 00-0105 Ground Access Wells (26 05 26 00-0093)**26 05 26 00-0106 Precast Ground Access Wells** (26 05 26 00-0105)

26 05 26 00-0107	EA	8" Diameter x 24" Deep Precast Ground Access Well	271.44	
		Note: With cast iron grate.		
26 05 26 00-0108	EA	10" Diameter x 24" Deep Precast Ground Access Well	281.07	
		Note: With cast iron grate.		
26 05 26 00-0109	EA	12" Diameter x 24" Deep Precast Ground Access Well	827.84	
		Note: With cast iron grate.		
26 05 26 00-0110	EA	18" Diameter x 24" Deep Precast Ground Access Well	837.46	
		Note: With cast iron grate.		

	MINOR	DESCRIPTION	TOTAL DIRECT	DEMOLITION
	CSI		UNIT COST	UNIT COST

26 05 26 00-0111 Polyvinyl Chloride (PVC) Ground Access Well <small>(26 05 26 00-0105)</small>				
26 05 26 00-0112	EA	10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with cast iron grated cover.	853.65	
26 05 26 00-0113	EA	12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with cast iron grated cover.	1,011.60	
26 05 26 00-0114	EA	18" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with cast iron grated cover.	1,929.90	
26 05 26 00-0115	EA	10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with flat steel cover.	813.29	
26 05 26 00-0116	EA	12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with flat steel cover.	962.08	
26 05 26 00-0117	EA	18" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with flat steel cover.	1,848.15	
26 05 26 00-0118	EA	8" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well Note: Schedule 40 with flat steel cover.	433.52	
26 05 26 00-0119	EA	10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well Note: Schedule 40 with flat steel cover.	463.28	
26 05 26 00-0120	EA	12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well Note: Schedule 40 with flat steel cover.	490.68	
26 05 26 00-0121	EA	8" Diameter x 24" Deep Schedule 40 Polyvinyl Chloride (PVC) Ground Access Well, Plastic Cover	320.62	
26 05 26 00-0122	EA	10" Diameter x 24" Deep Schedule 40 Polyvinyl Chloride (PVC) Ground Access Well, Plastic Cover	495.82	
26 05 26 00-0123	EA	8" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well Note: Schedule 40 with flat steel cover.	911.73	
26 05 26 00-0124	EA	10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well Note: Schedule 40 with flat steel cover.	1,229.38	
26 05 26 00-0125	EA	8" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well Note: Schedule 40 with plastic cover.	720.54	
26 05 26 00-0126	EA	10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well Note: Schedule 40 with plastic cover.	1,073.12	
26 05 26 00-0127	EA	10" Diameter x 36" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron grate, heavy duty.	1,152.65	
26 05 26 00-0128	EA	10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron grate, heavy duty.	1,404.25	
26 05 26 00-0129	EA	12" Diameter x 12" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron grate, heavy duty.	593.79	
26 05 26 00-0130	EA	12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron grate, heavy duty.	1,079.87	
26 05 26 00-0131	EA	12" Diameter x 30" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron grate, heavy duty.	1,165.11	
26 05 26 00-0132 Polymer Concrete Ground Access Well <small>(26 05 26 00-0105)</small>				
26 05 26 00-0133	EA	12" x 12" x 12" Polymer Concrete Ground Access Well	521.38	
26 05 26 00-0134	EA	12" x 12" x 12" Heavy Duty Polymer Concrete Ground Access Well	572.38	
26 05 26 00-0135	EA	12" x 12" x 18" Polymer Concrete Ground Access Well	574.79	
26 05 26 00-0136	EA	12" x 12" x 18" Heavy Duty Polymer Concrete Ground Access Well	630.91	
26 05 26 00-0137	EA	12" x 12" x 24" Polymer Concrete Ground Access Well	630.24	
26 05 26 00-0138	EA	12" x 12" x 24" Heavy Duty Polymer Concrete Ground Access Well	691.98	
26 05 26 00-0139	EA	13" x 24" x 18" Polymer Concrete Ground Access Well	842.42	
26 05 26 00-0140	EA	13" x 24" x 18" Heavy Duty Polymer Concrete Ground Access Well	926.66	
26 05 26 00-0141 High Density Polyethylene (HDPE) Ground Access Well <small>(26 05 26 00-0105)</small>				
26 05 26 00-0142	EA	9" Diameter x 10" Deep High Density Polyethylene (HDPE) Ground Access Well Note: With cover.	187.74	
26 05 26 00-0143	EA	14" Diameter x 18" Deep High Density Polyethylene (HDPE) Ground Access Well Note: With cover.	262.27	
26 05 26 00-0144 Clay Tile Ground Access Wells <small>(26 05 26 00-0105)</small>				
26 05 26 00-0145	EA	8" Diameter x 24" Deep Clay Tile Ground Access Well With Concrete Cover	296.18	
26 05 26 00-0146	EA	8" Diameter x 24" Deep Clay Tile Ground Access Well With Cast Iron Grated Cover	311.75	
26 05 26 00-0147	EA	Concrete Cover For 8" Diameter x 24" Deep Clay Tile Ground Access Well.....	95.40	
26 05 26 00-0148 Ground Rod Clamps And Fittings <small>(26 05 26)</small>				
26 05 26 00-0149 Bronze Ground Rod Clamp <small>(26 05 26 00-0148)</small>				
26 05 26 00-0150	EA	1/2" Bronze Ground Rod Clamp	23.65	12.91
26 05 26 00-0151	EA	5/8" Bronze Ground Rod Clamp	24.81	12.91
26 05 26 00-0152	EA	3/4" Bronze Ground Rod Clamp	26.45	12.91
26 05 26 00-0153 Bronze Pipe Clamps <small>(26 05 26 00-0148)</small>				
26 05 26 00-0154	EA	1/2" To 1" Bronze Pipe Ground Clamps	31.61	21.48
26 05 26 00-0155	EA	1-1/4" To 2" Bronze Ground Clamps For Pipe.....	41.03	25.71
26 05 26 00-0156	EA	2-1/2" To 3" Bronze Ground Clamps For Pipe.....	65.32	30.05
26 05 26 00-0157	EA	2-1/2" To 4" Bronze Ground Clamps For Pipe.....	78.92	38.62
26 05 26 00-0158	EA	4" To 6" Bronze Ground Clamps For Pipe	122.52	55.76
26 05 26 00-0159 Grounding Fittings <small>(26 05 26 00-0148)</small>				
26 05 26 00-0160 Embedded Fittings <small>(26 05 26 00-0159)</small>				
26 05 26 00-0161	EA	Ground Insert With Two 3/8 x 16 Holes #2 To 250 MCM Cable Range, Embedded	159.35	
26 05 26 00-0162	EA	Ground Insert With Four 3/8 x 16 Holes #2 To 250 MCM Cable Range, Embedded.....	169.85	

26 Electrical**26 05 Common Work Results for Electrical****26 05 26 Grounding and Bonding for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0163	EA		Ground Insert With Four 3/8 x 16 Holes 250 To 500 MCM Cable Range, Embedded.....	188.48	
26 05 26 00-0164	EA		#8 To 1 AWG, Copper To Aluminum, Grounding Wire Splice.....	151.95	
26 05 26 00-0165	EA		1/0 To 3/0 AWG, Copper To Aluminum, Grounding Wire Splice.....	182.04	
26 05 26 00-0166	EA		4/0 To 300 MCM, Copper To Aluminum, Grounding Wire Splice.....	213.66	
26 05 26 00-0167	EA		350 To 500 MCM, Copper To Aluminum, Grounding Wire Splice.....	241.06	
26 05 26 00-0168			Ground Rod Receptacle (26 05 26 00-0159)		
26 05 26 00-0169	EA		1/2" Ground Rod Receptacle	344.67	118.84
26 05 26 00-0170	EA		5/8" Ground Rod Receptacle	360.67	122.19
26 05 26 00-0171	EA		3/4" Ground Rod Receptacle	377.03	125.50
26 05 26 00-0172			Ground Kits For Circuit Breaker Panels (26 05 26 00-0159)		
26 05 26 00-0173	EA		14-8 AWG Copper Ground Kit	76.92	28.57
26 05 26 00-0174	EA		12-8 AWG Aluminum Ground Kit	81.86	28.57
26 05 26 00-0175	EA		14-4 AWG Copper Ground Kit	85.74	28.57
26 05 26 00-0176	EA		12-4 AWG Aluminum Ground Kit	99.16	28.57
26 05 26 00-0177			Insulated Grounding Bars (26 05 26 00-0148)		
26 05 26 00-0178	EA		1/2" x 4" x 10" Insulated Ground Bar	326.74	28.68
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.42	
26 05 26 00-0179	EA		Insulated Ground Bar SK 9560 1/2" x 4" x 20".....	343.80	28.68
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.42	
26 05 26 00-0180			Ground Conductor Bonding (26 05 26)		
26 05 26 00-0181			Ground Conductor Bonding (26 05 26 00-0180)		
26 05 26 00-0182			Splice, Lug, Ground Rod, Rebar Or Structural Steel Cadweld (26 05 26 00-0181)		
26 05 26 00-0183	EA		Up To #6 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel.....	133.39	
			Note: Includes molds, materials and all necessary tools to make connections.		
26 05 26 00-0184	EA		#4 To #1 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel.....	144.81	
			Note: Includes molds, materials and all necessary tools to make connections.		
26 05 26 00-0185	EA		1/0 To 4/0 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel.....	156.24	
			Note: Includes molds, materials and all necessary tools to make connections.		
26 05 26 00-0186	EA		250 To 1,000 MCM AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel.....	224.79	
			Note: Includes molds, materials and all necessary tools to make connections.		
26 05 26 00-0187			Tee, Wye Or Cross Cadweld (26 05 26 00-0181)		
26 05 26 00-0188	EA		Up To #6 AWG Cadweld Connection For Tee, Wye Or Cross.....	150.53	
			Note: Includes molds, materials and all necessary tools to make connections.		
26 05 26 00-0189	EA		#4 To #1 AWG Cadweld Connection For Tee, Wye Or Cross	173.37	
			Note: Includes molds, materials and all necessary tools to make connections.		
26 05 26 00-0190	EA		1/0 To 4/0 AWG Cadweld Connection For Tee, Wye Or Cross	213.37	
			Note: Includes molds, materials and all necessary tools to make connections.		
26 05 26 00-0191	EA		250 To 1,000 MCM AWG Cadweld Connection For Tee, Wye Or Cross.....	259.07	
			Note: Includes molds, materials and all necessary tools to make connections.		
26 05 26 00-0192			Grounding Equipment (26 05 26)		
26 05 26 00-0193			Special Grounding Equipment (26 05 26 00-0192)		
26 05 26 00-0194			Ground Reels And Ground Bus (26 05 26 00-0193)		
26 05 26 00-0195	EA		Ground Reel With 50' Of Galvanized Steel Cable.....	780.21	
26 05 26 00-0196			Copper Bars (26 05 26 00-0193)		
26 05 26 00-0197	LF		1/4" x 2" Copper Bar	44.81	
26 05 26 00-0198			Phenolic Insulators (26 05 26 00-0193)		
26 05 26 00-0199	EA		2" x 2" x 1" Long Phenolic Insulators	30.76	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.86	
26 05 26 00-0200			Grounding Studs (26 05 26 00-0193)		
26 05 26 00-0201	EA		Ball Grounding Stud.....	44.46	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.23	
26 05 26 00-0202			Equipment Ground Bar Kits (26 05 26 00-0193)		
26 05 26 00-0203	EA		Switch Rating 30 Ground Bar Kit	34.72	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.86	
26 05 26 00-0204	EA		Switch Rating 60 Ground Bar Kit	44.68	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.54	
26 05 26 00-0205	EA		Switch Rating 100 Ground Bar Kit	52.13	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.57	
26 05 26 00-0206	EA		Switch Rating 200 Ground Bar Kit	91.62	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.28	

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 26 00-0207 Panelboard Ground Bar Kits (26 05 26 00-0193)				
26 05 26 00-0208	EA	Panelboard Ground Bar Kit.....	134.49	8.57
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.57	
26 05 26 00-0209 Circuit Breaker Ground Bar Kits (26 05 26 00-0193)				
26 05 26 00-0210	EA	3 Circuit, Ground Bar Kit.....	29.01	5.14
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.14	
26 05 26 00-0211	EA	4 Circuit, Ground Bar Kit.....	28.46	5.14
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.14	
26 05 26 00-0212	EA	7 Circuit, Ground Bar Kit.....	29.38	5.14
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.14	
26 05 26 00-0213	EA	12 Circuit, Ground Bar Kit.....	33.31	5.82
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.83	
26 05 26 00-0214	EA	20 Circuit, Ground Bar Kit.....	37.96	6.52
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.51	
26 05 26 00-0215	EA	24 Circuit, Ground Bar Kit.....	41.90	7.20
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.20	
26 05 26 00-0216	EA	30 Circuit, Ground Bar Kit.....	46.78	8.23
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.23	
26 05 26 00-0217	EA	54 Circuit, Ground Bar Kit.....	54.10	9.60
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.60	
26 05 26 00-0218	EA	24 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug.....	60.34	7.20
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.20	
26 05 26 00-0219	EA	30 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug.....	66.68	8.23
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.23	
26 05 26 00-0220	EA	54 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug.....	74.19	9.60
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.60	

26 05 29 Hangers and Supports for Electrical Systems (26 05)

26 05 29 00-0001 Metal Framing Channel And Fittings (26 05 29)				
See CSI section 05 43 00 00-0001 for additional unistrut fittings.				
26 05 29 00-0002 Metal Framing Channel (26 05 29 00-0001)				
Note: Excludes fasteners and accessories.				
26 05 29 00-0003 14 Gauge Metal Framing Channels (26 05 29 00-0002)				
26 05 29 00-0004 14 Gauge, Steel Unistrut Channel (26 05 29 00-0003)				
26 05 29 00-0005	EA	Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel.....	21.56	6.27
26 05 29 00-0006	EA	>1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel.....	25.35	6.27
26 05 29 00-0007	LF	>2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel.....	11.65	2.36
26 05 29 00-0008 14 Gauge, 304 Stainless Steel Unistrut Channel (26 05 29 00-0003)				
26 05 29 00-0009	EA	Up To 1' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel.....	43.06	6.27
26 05 29 00-0010	EA	Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel.....	48.28	6.27
26 05 29 00-0011	EA	>1' To 2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel.....	68.35	6.27
26 05 29 00-0012	EA	>1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel.....	78.80	6.27
26 05 29 00-0013	LF	>2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel.....	33.15	2.36
26 05 29 00-0014	LF	>2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel.....	38.37	2.36
26 05 29 00-0015 14 Gauge, 316 Stainless Steel Unistrut Channel (26 05 29 00-0003)				
26 05 29 00-0016	EA	Up To 1' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel.....	65.60	6.27
26 05 29 00-0017	EA	>1' To 2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel.....	113.43	6.27
26 05 29 00-0018	LF	>2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel.....	55.69	2.36
26 05 29 00-0019 12 Gauge Metal Framing Channels (26 05 29 00-0002)				
26 05 29 00-0020 12 Gauge, Steel Unistrut Channel (26 05 29 00-0019)				
26 05 29 00-0021	EA	Up To 1' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel.....	23.25	6.27
26 05 29 00-0022	EA	Up To 1' Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel.....	22.67	6.27
26 05 29 00-0023	EA	Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel.....	22.30	6.27
26 05 29 00-0024	EA	>1' To 2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel.....	28.74	6.27
26 05 29 00-0025	EA	>1' To 2' Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel.....	27.59	6.27
26 05 29 00-0026	EA	>1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel.....	26.85	6.27
26 05 29 00-0027	LF	>2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel.....	13.34	2.36
26 05 29 00-0028	LF	>2' Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel.....	12.76	2.36
26 05 29 00-0029	LF	>2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel.....	12.39	2.36
26 05 29 00-0030 12 Gauge, 304 Stainless Steel Unistrut Channel (26 05 29 00-0019)				
26 05 29 00-0031	EA	Up To 1' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel.....	50.01	6.27
26 05 29 00-0032	EA	Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel.....	59.01	6.27
26 05 29 00-0033	EA	>1' To 2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel.....	82.25	6.27
26 05 29 00-0034	EA	>1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel.....	100.26	6.27
26 05 29 00-0035	LF	>2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel.....	40.10	2.36
26 05 29 00-0036	LF	>2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel.....	49.10	2.36
26 05 29 00-0037 Metal Framing Channel Fittings (26 05 29 00-0001)				

26 Electrical**26 05 Common Work Results for Electrical****26 05 29 Hangers and Supports for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 29 00-0038		Unistrut Channel Closure Strips And Caps (26 05 29 00-0037)		
26 05 29 00-0039		Steel Unistrut Channel Closure Strips And Caps (26 05 29 00-0038)		
26 05 29 00-0040	LF	Steel Raceway Closure Strip, Unistrut Channel Fittings	6.92	0.57
26 05 29 00-0041	EA	Steel End Cap, Unistrut Channel Fittings	13.73	5.72
26 05 29 00-0042		Stainless Steel Unistrut Channel Closure Strips And Caps (26 05 29 00-0038)		
26 05 29 00-0043	EA	Stainless Steel End Cap For Unistrut Channel	24.93	5.72
26 05 29 00-0044		Flat Splice Plate, Unistrut Channel Fittings (26 05 29 00-0037)		
26 05 29 00-0045		Steel Flat Splice Plate, Unistrut Channel Fittings (26 05 29 00-0044)		
26 05 29 00-0046	EA	2-Hole, 3-1/4" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting	6.77	
26 05 29 00-0047	EA	3-Hole, 5-3/8" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting	6.72	
26 05 29 00-0048	EA	4-Hole, 7-1/4" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting	8.22	
26 05 29 00-0049		Stainless Steel Flat Splice Plate, Unistrut Channel Fittings (26 05 29 00-0044)		
26 05 29 00-0050	EA	2-Hole, 3-1/2" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting	24.24	
26 05 29 00-0051	EA	3-Hole, 5-3/8" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting	36.49	
26 05 29 00-0052	EA	4-Hole, 7-1/4" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting	46.85	
26 05 29 00-0053		90 Degree Angle, Unistrut Channel Fittings (26 05 29 00-0037)		
26 05 29 00-0054		Steel 90 Degree Angle, Unistrut Channel Fittings (26 05 29 00-0053)		
26 05 29 00-0055	EA	2-Hole, 1-7/8" x 2", 90 Degree Angle, Steel, Unistrut Channel Fitting	6.54	
26 05 29 00-0056	EA	2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, Steel, Unistrut Channel Fitting	5.45	
26 05 29 00-0057	EA	3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, Steel, Unistrut Channel Fitting	9.53	
26 05 29 00-0058	EA	3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, Steel, Unistrut Channel Fitting	9.40	
26 05 29 00-0059		Stainless Steel 90 Degree Angle, Unistrut Channel Fittings (26 05 29 00-0053)		
26 05 29 00-0060	EA	2-Hole, 1-7/8" x 2", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	13.51	
26 05 29 00-0061	EA	2-Hole, 1-7/8" x 2", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	17.10	
26 05 29 00-0062	EA	2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	14.37	
26 05 29 00-0063	EA	2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	20.78	
26 05 29 00-0064	EA	3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	18.92	
26 05 29 00-0065	EA	3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	35.64	
26 05 29 00-0066	EA	3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	19.93	
26 05 29 00-0067	EA	3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	29.30	
26 05 29 00-0068		60 Degree Angle, Unistrut Channel Fittings (26 05 29 00-0037)		
26 05 29 00-0069		Steel 60 Degree Angle, Unistrut Channel Fittings (26 05 29 00-0068)		
26 05 29 00-0070	EA	2-Hole, 1-7/8" x 3-3/8", 60 Degree Angle, Steel, Unistrut Channel Fitting	13.70	
26 05 29 00-0071		U-Connector, Unistrut Channel Fittings (26 05 29 00-0037)		
26 05 29 00-0072		Steel, U-Connector, Unistrut Channel Fittings (26 05 29 00-0071)		
26 05 29 00-0073	EA	3-Hole, 1-5/8" x 13/16", U-Connector, Steel, Unistrut Channel Fitting	4.74	
26 05 29 00-0074	EA	5-Hole, 1-5/8" x 1-5/8", U-Connector, Steel, Unistrut Channel Fitting	5.30	
26 05 29 00-0075		Stainless Steel, U-Connector, Unistrut Channel Fittings (26 05 29 00-0071)		
26 05 29 00-0076	EA	5-Hole, 1-5/8" x 1-5/8", U-Connector, 304 Stainless Steel, Unistrut Channel Fitting	29.08	
26 05 29 00-0077		Z-Bracket, Unistrut Channel Fittings (26 05 29 00-0037)		
26 05 29 00-0078		Steel Z-Bracket, Unistrut Channel Fittings (26 05 29 00-0077)		
26 05 29 00-0079	EA	3-Hole, Z-Bracket, Steel, Unistrut Channel Fitting	14.07	
26 05 29 00-0080		Stainless Steel Z-Bracket, Unistrut Channel Fittings (26 05 29 00-0077)		
26 05 29 00-0081	EA	3-Hole, Z-Bracket, 304 Stainless Steel, Unistrut Channel Fitting	57.39	
26 05 29 00-0082		Standard Pipe And Rigid Conduit Clamps For Unistrut Channel (26 05 29 00-0037)		
		Note: Includes hex screw and nut.		
26 05 29 00-0083		Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel (26 05 29 00-0082)		
		Note: Includes hex screw and nut.		
26 05 29 00-0084	EA	1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	5.04	1.72
26 05 29 00-0085	EA	3/4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	5.06	1.72
26 05 29 00-0086	EA	1" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	5.19	1.72
26 05 29 00-0087	EA	1-1/4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	6.51	2.29
26 05 29 00-0088	EA	1-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	7.17	2.29
26 05 29 00-0089	EA	2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	7.23	2.29
26 05 29 00-0090	EA	2-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	8.84	2.86

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 29 00-0091	EA			3" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	9.42	2.86
26 05 29 00-0092	EA			3-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	9.98	2.86
26 05 29 00-0093	EA			4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	10.18	2.86
26 05 29 00-0094				304 Stainless Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel <small>(26 05 29 00-0082)</small>		
				Note: Includes hex screw and nut.		
26 05 29 00-0095	EA			1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	10.00	1.72
26 05 29 00-0096	EA			3/4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	11.37	1.72
26 05 29 00-0097	EA			1" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	12.73	1.72
26 05 29 00-0098	EA			1-1/4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	15.68	2.29
26 05 29 00-0099	EA			1-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	19.47	2.29
26 05 29 00-0100	EA			2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	20.47	2.29
26 05 29 00-0101	EA			2-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	24.46	2.86
26 05 29 00-0102	EA			3" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	27.83	2.86
26 05 29 00-0103	EA			3-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	29.28	2.86
26 05 29 00-0104	EA			4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	34.64	2.86
26 05 29 00-0105				316 Stainless Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel <small>(26 05 29 00-0082)</small>		
				Note: Includes hex screw and nut.		
26 05 29 00-0106	EA			1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	10.83	1.72
26 05 29 00-0107	EA			3/4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	12.77	1.72
26 05 29 00-0108	EA			1" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	13.31	1.72
26 05 29 00-0109	EA			1-1/4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	15.95	2.29
26 05 29 00-0110	EA			1-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	22.58	2.29
26 05 29 00-0111	EA			2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	22.92	2.29
26 05 29 00-0112	EA			2-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	27.02	2.86
26 05 29 00-0113	EA			3" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	28.73	2.86
26 05 29 00-0114	EA			3-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	40.96	2.86
26 05 29 00-0115	EA			4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	48.43	2.86
26 05 29 00-0116				Beam Clamps, Unistrut Channel Fittings <small>(26 05 29 00-0037)</small>		
26 05 29 00-0117				Steel Beam Clamps, Unistrut Channel Fittings <small>(26 05 29 00-0116)</small>		
26 05 29 00-0118	EA			Set Screw Beam Clamp, Steel Unistrut Channel Fitting.....	37.75	10.44
26 05 29 00-0119	EA			"C" Beam Clamp Use With 1/2" Rod, Steel Unistrut Channel Fittings.....	24.76	10.44
26 05 29 00-0120	EA			"U" Bolt Beam Clamp, Steel Unistrut Channel Fitting.....	36.43	10.44
26 05 29 00-0121				304 Stainless Steel Beam Clamps, Unistrut Channel Fittings <small>(26 05 29 00-0116)</small>		
26 05 29 00-0122	EA			"U" Bolt Beam Clamp, 304 Stainless Steel Unistrut Channel Fitting.....	61.32	10.44
26 05 29 00-0123				Square Washers For Unistrut Channel <small>(26 05 29 00-0037)</small>		
26 05 29 00-0124				Steel Square Washers For Unistrut Channel <small>(26 05 29 00-0123)</small>		
26 05 29 00-0125	EA			1/2" Bolt Size, Steel, Square Washer For Unistrut Channel.....	4.75	
26 05 29 00-0126				Stainless Steel Square Washers For Unistrut Channel <small>(26 05 29 00-0123)</small>		
26 05 29 00-0127	EA			1/2" Bolt Size, 304 Stainless Steel, Square Washer For Unistrut Channel.....	6.41	
26 05 29 00-0128	EA			1/2" Bolt Size, 316 Stainless Steel, Square Washer For Unistrut Channel.....	8.28	
26 05 29 00-0129				Strut Braces, Unistrut Channel Fittings <small>(26 05 29 00-0037)</small>		
26 05 29 00-0130	EA			16" Diagonal Steel Bar Brace For Unistrut Channel.....	38.93	
26 05 29 00-0131				Trolley Hangers, Unistrut Channel Fittings <small>(26 05 29 00-0037)</small>		
26 05 29 00-0132	EA			Steel Trolley Track Hanger For Unistrut Channel.....	48.29	
26 05 29 00-0133				Lock Nuts With Spring For Unistrut Channel <small>(26 05 29 00-0037)</small>		
				Note: Includes hex bolt.		
26 05 29 00-0134				Steel Lock Nuts With Spring For Unistrut Channel <small>(26 05 29 00-0133)</small>		
				Note: Includes hex bolt.		
26 05 29 00-0135	EA			1/4-20, Steel Lock Nut With Spring For Unistrut Channel.....	7.96	
26 05 29 00-0136	EA			3/8-16, Steel Lock Nut With Spring For Unistrut Channel.....	8.75	
26 05 29 00-0137	EA			1/2-13, Steel Lock Nut With Spring For Unistrut Channel.....	9.34	
26 05 29 00-0138	EA			5/8-11, Steel Lock Nut With Spring For Unistrut Channel.....	12.55	
26 05 29 00-0139				Stainless Steel Lock Nuts With Spring For Unistrut Channel <small>(26 05 29 00-0133)</small>		
				Note: Includes hex bolt.		
26 05 29 00-0140	EA			1/4-20, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel.....	18.29	
26 05 29 00-0141	EA			3/8-16, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel.....	19.56	
26 05 29 00-0142	EA			1/2-13, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel.....	28.30	
26 05 29 00-0143	EA			5/8-11, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel.....	49.46	

26 Electrical

26 05 Common Work Results for Electrical

26 05 29 Hangers and Supports for Electrical Systems



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 29 00-0144	Lock Nuts Without Spring For Unistrut Channel <small>(26 05 29 00-0037)</small> Note: Includes hex bolt.		
26 05 29 00-0145	Steel Lock Nuts Without Spring For Unistrut Channel <small>(26 05 29 00-0144)</small> Note: Includes hex bolt.		
26 05 29 00-0146	EA 1/4-20, Steel Lock Nut Without Spring For Unistrut Channel	7.98	
26 05 29 00-0147	EA 3/8-16, Steel Lock Nut Without Spring For Unistrut Channel	8.86	
26 05 29 00-0148	EA 1/2-13, Steel Lock Nut Without Spring For Unistrut Channel	9.39	
26 05 29 00-0149	EA 5/8-11, Steel Lock Nut Without Spring For Unistrut Channel	13.48	
26 05 29 00-0150	Stainless Steel Lock Nuts Without Spring For Unistrut Channel <small>(26 05 29 00-0144)</small> Note: Includes hex bolt.		
26 05 29 00-0151	EA 1/4-20, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel.....	12.68	
26 05 29 00-0152	EA 3/8-16, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel.....	15.60	
26 05 29 00-0153	EA 1/2-13, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel.....	17.13	
26 05 29 00-0154	EA 5/8-11, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel.....	48.14	
26 05 29 00-0155	Mounting Assemblies <small>(26 05 29)</small>		
26 05 29 00-0156	Galvanized Steel Mounting Assemblies <small>(26 05 29 00-0155)</small>		
26 05 29 00-0157	Galvanized Steel Back Plate <small>(26 05 29 00-0156)</small>		
26 05 29 00-0158	EA 1/4" x 4' x 4', Galvanized Steel Back Plate, Painted	514.32	68.56
26 05 29 00-0159	EA 3/8" x 14" x 16", Galvanized Steel Back Plate, Painted	125.94	22.85
26 05 29 00-0160	EA 3/16" x 30" x 48", Galvanized Steel Back Plate, Painted	319.04	57.13
26 05 29 00-0161	Aluminum Mounting Assemblies <small>(26 05 29 00-0155)</small>		
26 05 29 00-0162	Aluminum Back Plate <small>(26 05 29 00-0161)</small>		
26 05 29 00-0163	EA 3/16" x 2' x 2' Aluminum Back Plate.....	433.61	85.70
26 05 29 00-0164	EA 3/16" x 4' x 4' Aluminum Back Plate.....	1,251.53	85.70
26 05 29 00-0165	Supports <small>(26 05 29)</small>		
26 05 29 00-0166	One Hole Steel Conduit Straps <small>(26 05 29 00-0165)</small>		
26 05 29 00-0167	EA 1/2", One Hole Steel Conduit Strap	4.18	
	For Work In Restricted Working Space, Add	1.10	
	For Installation On Concrete (Includes Drilling And Fastener), Add	1.02	
	For >50 To 100, Deduct	-0.20	
	For >100 To 250, Deduct	-0.39	
	For >250 To 500, Deduct	-0.77	
	For >500, Deduct	-1.15	
26 05 29 00-0168	EA 3/4", One Hole Steel Conduit Strap	4.22	
	For Work In Restricted Working Space, Add	1.10	
	For Installation On Concrete (Includes Drilling And Fastener), Add	1.02	
	For >50 To 100, Deduct	-0.20	
	For >100 To 250, Deduct	-0.39	
	For >250 To 500, Deduct	-0.77	
	For >500, Deduct	-1.15	
26 05 29 00-0169	EA 1", One Hole Steel Conduit Strap	4.47	
	For Work In Restricted Working Space, Add	1.10	
	For Installation On Concrete (Includes Drilling And Fastener), Add	1.02	
	For >50 To 100, Deduct	-0.20	
	For >100 To 250, Deduct	-0.41	
	For >250 To 500, Deduct	-0.79	
	For >500, Deduct	-1.18	
26 05 29 00-0170	EA 1-1/4", One Hole Steel Conduit Strap	4.65	
	For Work In Restricted Working Space, Add	1.10	
	For Installation On Concrete (Includes Drilling And Fastener), Add	1.02	
	For >50 To 100, Deduct	-0.21	
	For >100 To 250, Deduct	-0.42	
	For >250 To 500, Deduct	-0.81	
	For >500, Deduct	-1.20	
26 05 29 00-0171	EA 1-1/2", One Hole Steel Conduit Strap	4.77	
	For Work In Restricted Working Space, Add	1.10	
	For Installation On Concrete (Includes Drilling And Fastener), Add	1.02	
	For >50 To 100, Deduct	-0.21	
	For >100 To 250, Deduct	-0.42	
	For >250 To 500, Deduct	-0.82	
	For >500, Deduct	-1.21	
26 05 29 00-0172	EA 2", One Hole Steel Conduit Strap	5.52	
	For Work In Restricted Working Space, Add	1.10	
	For Installation On Concrete (Includes Drilling And Fastener), Add	1.02	
	For >50 To 100, Deduct	-0.23	
	For >100 To 250, Deduct	-0.46	
	For >250 To 500, Deduct	-0.87	
	For >500, Deduct	-1.28	
26 05 29 00-0173	EA 2-1/2", One Hole Steel Conduit Strap	6.28	
	For Work In Restricted Working Space, Add	1.10	
	For Installation On Concrete (Includes Drilling And Fastener), Add	1.02	
	For >50 To 100, Deduct	-0.25	
	For >100 To 250, Deduct	-0.50	
	For >250 To 500, Deduct	-0.93	
	For >500, Deduct	-1.36	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 29 00-0174	EA	3", One Hole Steel Conduit Strap		6.53	
		<i>For Work In Restricted Working Space, Add</i>		1.10	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>		1.02	
		<i>For >50 To 100, Deduct</i>		-0.25	
		<i>For >100 To 250, Deduct</i>		-0.51	
		<i>For >250 To 500, Deduct</i>		-0.95	
		<i>For >500, Deduct</i>		-1.39	
26 05 29 00-0175	EA	3-1/2", One Hole Steel Conduit Strap		7.78	
		<i>For Work In Restricted Working Space, Add</i>		1.10	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>		1.02	
		<i>For >50 To 100, Deduct</i>		-0.29	
		<i>For >100 To 250, Deduct</i>		-0.57	
		<i>For >250 To 500, Deduct</i>		-1.04	
		<i>For >500, Deduct</i>		-1.51	
26 05 29 00-0176	EA	4", One Hole Steel Conduit Strap		8.77	
		<i>For Work In Restricted Working Space, Add</i>		1.10	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>		1.02	
		<i>For >50 To 100, Deduct</i>		-0.31	
		<i>For >100 To 250, Deduct</i>		-0.62	
		<i>For >250 To 500, Deduct</i>		-1.12	
		<i>For >500, Deduct</i>		-1.61	

26 05 29 00-0177 One Hole Iron Conduit Straps (26 05 29 00-0165)

26 05 29 00-0178	EA	1/2", One Hole Iron Conduit Strap		4.30	
		<i>For Work In Restricted Working Space, Add</i>		1.10	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>		1.02	
		<i>For >50 To 100, Deduct</i>		-0.20	
		<i>For >100 To 250, Deduct</i>		-0.40	
		<i>For >250 To 500, Deduct</i>		-0.78	
		<i>For >500, Deduct</i>		-1.16	
26 05 29 00-0179	EA	3/4", One Hole Iron Conduit Strap		4.42	
		<i>For Work In Restricted Working Space, Add</i>		1.10	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>		1.02	
		<i>For >50 To 100, Deduct</i>		-0.20	
		<i>For >100 To 250, Deduct</i>		-0.40	
		<i>For >250 To 500, Deduct</i>		-0.79	
		<i>For >500, Deduct</i>		-1.17	
26 05 29 00-0180	EA	1", One Hole Iron Conduit Strap		4.63	
		<i>For Work In Restricted Working Space, Add</i>		1.10	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>		1.02	
		<i>For >50 To 100, Deduct</i>		-0.21	
		<i>For >100 To 250, Deduct</i>		-0.41	
		<i>For >250 To 500, Deduct</i>		-0.80	
		<i>For >500, Deduct</i>		-1.20	
26 05 29 00-0181	EA	1-1/4", One Hole Iron Conduit Strap		5.15	
		<i>For Work In Restricted Working Space, Add</i>		1.10	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>		1.02	
		<i>For >50 To 100, Deduct</i>		-0.22	
		<i>For >100 To 250, Deduct</i>		-0.44	
		<i>For >250 To 500, Deduct</i>		-0.84	
		<i>For >500, Deduct</i>		-1.25	
26 05 29 00-0182	EA	1-1/2", One Hole Iron Conduit Strap		5.36	
		<i>For Work In Restricted Working Space, Add</i>		1.10	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>		1.02	
		<i>For >50 To 100, Deduct</i>		-0.23	
		<i>For >100 To 250, Deduct</i>		-0.45	
		<i>For >250 To 500, Deduct</i>		-0.86	
		<i>For >500, Deduct</i>		-1.27	
26 05 29 00-0183	EA	2", One Hole Iron Conduit Strap		6.67	
		<i>For Work In Restricted Working Space, Add</i>		1.10	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>		1.02	
		<i>For >50 To 100, Deduct</i>		-0.26	
		<i>For >100 To 250, Deduct</i>		-0.52	
		<i>For >250 To 500, Deduct</i>		-0.96	
		<i>For >500, Deduct</i>		-1.40	
26 05 29 00-0184	EA	2-1/2", One Hole Iron Conduit Strap		9.50	
		<i>For Work In Restricted Working Space, Add</i>		1.10	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>		1.02	
		<i>For >50 To 100, Deduct</i>		-0.33	
		<i>For >100 To 250, Deduct</i>		-0.66	
		<i>For >250 To 500, Deduct</i>		-1.17	
		<i>For >500, Deduct</i>		-1.68	
26 05 29 00-0185	EA	3", One Hole Iron Conduit Strap		11.85	
		<i>For Work In Restricted Working Space, Add</i>		1.10	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>		1.02	
		<i>For >50 To 100, Deduct</i>		-0.39	
		<i>For >100 To 250, Deduct</i>		-0.78	
		<i>For >250 To 500, Deduct</i>		-1.35	
		<i>For >500, Deduct</i>		-1.92	
26 05 29 00-0186	EA	3-1/2", One Hole Iron Conduit Strap		15.30	
		<i>For Work In Restricted Working Space, Add</i>		1.10	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>		1.02	
		<i>For >50 To 100, Deduct</i>		-0.47	
		<i>For >100 To 250, Deduct</i>		-0.95	
		<i>For >250 To 500, Deduct</i>		-1.61	
		<i>For >500, Deduct</i>		-2.26	

26 Electrical**26 05 Common Work Results for Electrical****26 05 29 Hangers and Supports for Electrical Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 29 00-0187	EA	4", One Hole Iron Conduit Strap	29.09	
		<i>For Work In Restricted Working Space, Add</i>	1.10	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.02	
		<i>For >50 To 100, Deduct</i>	-0.82	
		<i>For >100 To 250, Deduct</i>	-1.64	
		<i>For >250 To 500, Deduct</i>	-2.64	
		<i>For >500, Deduct</i>	-3.64	
26 05 29 00-0188	EA	5", One Hole Iron Conduit Strap	36.50	
		<i>For Work In Restricted Working Space, Add</i>	1.10	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.02	
		<i>For >50 To 100, Deduct</i>	-1.00	
		<i>For >100 To 250, Deduct</i>	-2.01	
		<i>For >250 To 500, Deduct</i>	-3.20	
		<i>For >500, Deduct</i>	-4.38	
26 05 29 00-0189		Two Hole Steel Conduit Straps (26 05 29 00-0165)		
26 05 29 00-0190	EA	1/2", Two Hole Steel Conduit Strap	4.85	
		<i>For Work In Restricted Working Space, Add</i>	1.23	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.23	
		<i>For >50 To 100, Deduct</i>	-0.22	
		<i>For >100 To 250, Deduct</i>	-0.45	
		<i>For >250 To 500, Deduct</i>	-0.88	
		<i>For >500, Deduct</i>	-1.31	
26 05 29 00-0191	EA	3/4", Two Hole Steel Conduit Strap	4.93	
		<i>For Work In Restricted Working Space, Add</i>	1.23	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.23	
		<i>For >50 To 100, Deduct</i>	-0.23	
		<i>For >100 To 250, Deduct</i>	-0.45	
		<i>For >250 To 500, Deduct</i>	-0.88	
		<i>For >500, Deduct</i>	-1.32	
26 05 29 00-0192	EA	1", Two Hole Steel Conduit Strap	4.97	
		<i>For Work In Restricted Working Space, Add</i>	1.23	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.23	
		<i>For >50 To 100, Deduct</i>	-0.23	
		<i>For >100 To 250, Deduct</i>	-0.45	
		<i>For >250 To 500, Deduct</i>	-0.89	
		<i>For >500, Deduct</i>	-1.32	
26 05 29 00-0193	EA	1-1/4", Two Hole Steel Conduit Strap	5.03	
		<i>For Work In Restricted Working Space, Add</i>	1.23	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.23	
		<i>For >50 To 100, Deduct</i>	-0.23	
		<i>For >100 To 250, Deduct</i>	-0.46	
		<i>For >250 To 500, Deduct</i>	-0.89	
		<i>For >500, Deduct</i>	-1.33	
26 05 29 00-0194	EA	1-1/2", Two Hole Steel Conduit Strap	5.07	
		<i>For Work In Restricted Working Space, Add</i>	1.23	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.23	
		<i>For >50 To 100, Deduct</i>	-0.23	
		<i>For >100 To 250, Deduct</i>	-0.46	
		<i>For >250 To 500, Deduct</i>	-0.89	
		<i>For >500, Deduct</i>	-1.33	
26 05 29 00-0195	EA	2", Two Hole Steel Conduit Strap	5.17	
		<i>For Work In Restricted Working Space, Add</i>	1.23	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.23	
		<i>For >50 To 100, Deduct</i>	-0.23	
		<i>For >100 To 250, Deduct</i>	-0.46	
		<i>For >250 To 500, Deduct</i>	-0.90	
		<i>For >500, Deduct</i>	-1.34	
26 05 29 00-0196	EA	2-1/2", Two Hole Steel Conduit Strap	5.74	
		<i>For Work In Restricted Working Space, Add</i>	1.23	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.23	
		<i>For >50 To 100, Deduct</i>	-0.25	
		<i>For >100 To 250, Deduct</i>	-0.49	
		<i>For >250 To 500, Deduct</i>	-0.94	
		<i>For >500, Deduct</i>	-1.40	
26 05 29 00-0197	EA	3", Two Hole Steel Conduit Strap	5.86	
		<i>For Work In Restricted Working Space, Add</i>	1.23	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.23	
		<i>For >50 To 100, Deduct</i>	-0.25	
		<i>For >100 To 250, Deduct</i>	-0.50	
		<i>For >250 To 500, Deduct</i>	-0.95	
		<i>For >500, Deduct</i>	-1.41	
26 05 29 00-0198	EA	3-1/2", Two Hole Steel Conduit Strap	6.31	
		<i>For Work In Restricted Working Space, Add</i>	1.23	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.23	
		<i>For >50 To 100, Deduct</i>	-0.26	
		<i>For >100 To 250, Deduct</i>	-0.52	
		<i>For >250 To 500, Deduct</i>	-0.99	
		<i>For >500, Deduct</i>	-1.45	
26 05 29 00-0199	EA	4", Two Hole Steel Conduit Strap	6.61	
		<i>For Work In Restricted Working Space, Add</i>	1.23	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.23	
		<i>For >50 To 100, Deduct</i>	-0.27	
		<i>For >100 To 250, Deduct</i>	-0.54	
		<i>For >250 To 500, Deduct</i>	-1.01	
		<i>For >500, Deduct</i>	-1.48	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 29 00-0200	EA	5", Two Hole Steel Conduit Strap	7.02	
		<i>For Work In Restricted Working Space, Add</i>	1.23	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.23	
		<i>For >50 To 100, Deduct</i>	-0.28	
		<i>For >100 To 250, Deduct</i>	-0.56	
		<i>For >250 To 500, Deduct</i>	-1.04	
		<i>For >500, Deduct</i>	-1.52	

26 05 29 00-0201 Clamp Back Spacers (26 05 29 00-0165)

26 05 29 00-0202	EA	1/2" Conduit, Clamp Back Spacer	3.91	
		<i>For Work In Restricted Working Space, Add</i>	0.86	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.82	
		<i>For >50 To 100, Deduct</i>	-0.17	
		<i>For >100 To 250, Deduct</i>	-0.34	
		<i>For >250 To 500, Deduct</i>	-0.65	
		<i>For >500, Deduct</i>	-0.96	
26 05 29 00-0203	EA	3/4" Conduit, Clamp Back Spacer	4.26	
		<i>For Work In Restricted Working Space, Add</i>	0.86	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.82	
		<i>For >50 To 100, Deduct</i>	-0.18	
		<i>For >100 To 250, Deduct</i>	-0.36	
		<i>For >250 To 500, Deduct</i>	-0.68	
		<i>For >500, Deduct</i>	-1.00	
26 05 29 00-0204	EA	1" Conduit, Clamp Back Spacer	4.58	
		<i>For Work In Restricted Working Space, Add</i>	0.86	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.82	
		<i>For >50 To 100, Deduct</i>	-0.19	
		<i>For >100 To 250, Deduct</i>	-0.37	
		<i>For >250 To 500, Deduct</i>	-0.70	
		<i>For >500, Deduct</i>	-1.03	
26 05 29 00-0205	EA	1-1/4" Conduit, Clamp Back Spacer	5.84	
		<i>For Work In Restricted Working Space, Add</i>	0.86	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.82	
		<i>For >50 To 100, Deduct</i>	-0.22	
		<i>For >100 To 250, Deduct</i>	-0.44	
		<i>For >250 To 500, Deduct</i>	-0.80	
		<i>For >500, Deduct</i>	-1.16	
26 05 29 00-0206	EA	1-1/2" Conduit, Clamp Back Spacer	6.86	
		<i>For Work In Restricted Working Space, Add</i>	0.86	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.82	
		<i>For >50 To 100, Deduct</i>	-0.24	
		<i>For >100 To 250, Deduct</i>	-0.49	
		<i>For >250 To 500, Deduct</i>	-0.87	
		<i>For >500, Deduct</i>	-1.26	
26 05 29 00-0207	EA	2" Conduit, Clamp Back Spacer	7.93	
		<i>For Work In Restricted Working Space, Add</i>	0.86	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.82	
		<i>For >50 To 100, Deduct</i>	-0.27	
		<i>For >100 To 250, Deduct</i>	-0.54	
		<i>For >250 To 500, Deduct</i>	-0.95	
		<i>For >500, Deduct</i>	-1.37	
26 05 29 00-0208	EA	2-1/2" Conduit, Clamp Back Spacer	12.26	
		<i>For Work In Restricted Working Space, Add</i>	0.86	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.82	
		<i>For >50 To 100, Deduct</i>	-0.38	
		<i>For >100 To 250, Deduct</i>	-0.76	
		<i>For >250 To 500, Deduct</i>	-1.28	
		<i>For >500, Deduct</i>	-1.80	
26 05 29 00-0209	EA	3" Conduit, Clamp Back Spacer	17.44	
		<i>For Work In Restricted Working Space, Add</i>	0.86	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.82	
		<i>For >50 To 100, Deduct</i>	-0.51	
		<i>For >100 To 250, Deduct</i>	-1.02	
		<i>For >250 To 500, Deduct</i>	-1.67	
		<i>For >500, Deduct</i>	-2.32	
26 05 29 00-0210	EA	3-1/2" Conduit, Clamp Back Spacer	22.47	
		<i>For Work In Restricted Working Space, Add</i>	0.86	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.82	
		<i>For >50 To 100, Deduct</i>	-0.63	
		<i>For >100 To 250, Deduct</i>	-1.27	
		<i>For >250 To 500, Deduct</i>	-2.04	
		<i>For >500, Deduct</i>	-2.82	
26 05 29 00-0211	EA	4" Conduit, Clamp Back Spacer	46.09	
		<i>For Work In Restricted Working Space, Add</i>	0.86	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.82	
		<i>For >50 To 100, Deduct</i>	-1.22	
		<i>For >100 To 250, Deduct</i>	-2.45	
		<i>For >250 To 500, Deduct</i>	-3.81	
		<i>For >500, Deduct</i>	-5.18	
26 05 29 00-0212	EA	5" Conduit, Clamp Back Spacer	85.97	
		<i>For Work In Restricted Working Space, Add</i>	0.86	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.82	
		<i>For >50 To 100, Deduct</i>	-2.22	
		<i>For >100 To 250, Deduct</i>	-4.44	
		<i>For >250 To 500, Deduct</i>	-6.81	
		<i>For >500, Deduct</i>	-9.17	

26 05 29 00-0213 Conduit Clips (26 05 29 00-0165)
 Note: Push in or clip.

26 Electrical**26 05 Common Work Results for Electrical****26 05 29 Hangers and Supports for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 29 00-0214	EA	1/2" Conduit Clip.....	4.78	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.02	
		<i>For >50 To 100, Deduct</i>	-0.21	
		<i>For >100 To 250, Deduct</i>	-0.42	
		<i>For >250 To 500, Deduct</i>	-0.82	
		<i>For >500, Deduct</i>	-1.21	
26 05 29 00-0215	EA	3/4" Conduit Clip.....	4.78	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.02	
		<i>For >50 To 100, Deduct</i>	-0.21	
		<i>For >100 To 250, Deduct</i>	-0.42	
		<i>For >250 To 500, Deduct</i>	-0.82	
		<i>For >500, Deduct</i>	-1.21	
26 05 29 00-0216	EA	1" Conduit Clip.....	4.69	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.02	
		<i>For >50 To 100, Deduct</i>	-0.21	
		<i>For >100 To 250, Deduct</i>	-0.42	
		<i>For >250 To 500, Deduct</i>	-0.81	
		<i>For >500, Deduct</i>	-1.20	
26 05 29 00-0217	EA	1-1/4" Conduit Clip.....	4.91	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.02	
		<i>For >50 To 100, Deduct</i>	-0.21	
		<i>For >100 To 250, Deduct</i>	-0.43	
		<i>For >250 To 500, Deduct</i>	-0.83	
		<i>For >500, Deduct</i>	-1.22	

26 05 29 00-0218 Bolt And Nut Conduit Clips (26 05 29 00-0165)

26 05 29 00-0219	EA	3/4" Bolt And Nut Conduit Clip (Minerallac 1B).....	5.93	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.24	
		<i>For >50 To 100, Deduct</i>	-0.26	
		<i>For >100 To 250, Deduct</i>	-0.53	
		<i>For >250 To 500, Deduct</i>	-1.02	
		<i>For >500, Deduct</i>	-1.51	
26 05 29 00-0220	EA	1" Bolt And Nut Conduit Clip (Minerallac 2B).....	6.15	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.24	
		<i>For >50 To 100, Deduct</i>	-0.27	
		<i>For >100 To 250, Deduct</i>	-0.54	
		<i>For >250 To 500, Deduct</i>	-1.03	
		<i>For >500, Deduct</i>	-1.53	
26 05 29 00-0221	EA	1-1/4" Bolt And Nut Conduit Clip (Minerallac 2-1/2B).....	6.55	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.31	
		<i>For >50 To 100, Deduct</i>	-0.29	
		<i>For >100 To 250, Deduct</i>	-0.57	
		<i>For >250 To 500, Deduct</i>	-1.10	
		<i>For >500, Deduct</i>	-1.63	
26 05 29 00-0222	EA	1-1/2" Bolt And Nut Conduit Clip (Minerallac 3B).....	6.67	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.31	
		<i>For >50 To 100, Deduct</i>	-0.29	
		<i>For >100 To 250, Deduct</i>	-0.58	
		<i>For >250 To 500, Deduct</i>	-1.11	
		<i>For >500, Deduct</i>	-1.64	
26 05 29 00-0223	EA	2" Bolt And Nut Conduit Clip (Minerallac 5B).....	7.50	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.31	
		<i>For >50 To 100, Deduct</i>	-0.31	
		<i>For >100 To 250, Deduct</i>	-0.62	
		<i>For >250 To 500, Deduct</i>	-1.17	
		<i>For >500, Deduct</i>	-1.72	
26 05 29 00-0224	EA	2-1/2" Bolt And Nut Conduit Clip (Minerallac 6B).....	8.14	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.39	
		<i>For >50 To 100, Deduct</i>	-0.33	
		<i>For >100 To 250, Deduct</i>	-0.66	
		<i>For >250 To 500, Deduct</i>	-1.25	
		<i>For >500, Deduct</i>	-1.84	
26 05 29 00-0225	EA	3" Bolt And Nut Conduit Clip (Minerallac 7B).....	8.88	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.39	
		<i>For >50 To 100, Deduct</i>	-0.35	
		<i>For >100 To 250, Deduct</i>	-0.70	
		<i>For >250 To 500, Deduct</i>	-1.31	
		<i>For >500, Deduct</i>	-1.92	
26 05 29 00-0226	EA	4" Bolt And Nut Conduit Clip (Minerallac 9B).....	16.37	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.53	
		<i>For >50 To 100, Deduct</i>	-0.55	
		<i>For >100 To 250, Deduct</i>	-1.10	
		<i>For >250 To 500, Deduct</i>	-1.94	
		<i>For >500, Deduct</i>	-2.78	

26 05 29 00-0227 Conduit Hanger From Flange, Wire Or Rod (26 05 29 00-0165)

Note: Bat wing.

26 05 29 00-0228	EA	1/2", Conduit Hanger From Flange, Wire Or Rod.....	3.45	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.79	
		<i>For >50 To 100, Deduct</i>	-0.16	
		<i>For >100 To 250, Deduct</i>	-0.31	
		<i>For >250 To 500, Deduct</i>	-0.60	
		<i>For >500, Deduct</i>	-0.90	
26 05 29 00-0229	EA	3/4", Conduit Hanger From Flange, Wire Or Rod.....	3.51	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.79	
		<i>For >50 To 100, Deduct</i>	-0.16	
		<i>For >100 To 250, Deduct</i>	-0.31	
		<i>For >250 To 500, Deduct</i>	-0.61	
		<i>For >500, Deduct</i>	-0.90	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 29 00-0230	EA	1", Conduit Hanger From Flange, Wire Or Rod <i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	3.67	
		<i>For >50 To 100, Deduct</i>	0.79	
		<i>For >100 To 250, Deduct</i>	-0.16	
		<i>For >250 To 500, Deduct</i>	-0.32	
		<i>For >500, Deduct</i>	-0.62	
			-0.92	
26 05 29 00-0231	EA	1-1/4", Conduit Hanger From Flange, Wire Or Rod <i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	4.09	
		<i>For >50 To 100, Deduct</i>	0.79	
		<i>For >100 To 250, Deduct</i>	-0.17	
		<i>For >250 To 500, Deduct</i>	-0.34	
		<i>For >500, Deduct</i>	-0.65	
			-0.96	
26 05 29 00-0232		Beam Flange Clamps <small>(26 05 29 00-0165)</small> Note: For threaded rod, nut not required.		
26 05 29 00-0233	EA	1/8" To 1/4" Flange Thickness, Beam Clamp (Caddy 6TA24) <i>For >50 To 100, Deduct</i>	5.18	
		<i>For >100 To 250, Deduct</i>	-0.20	
		<i>For >250 To 500, Deduct</i>	-0.40	
		<i>For >500, Deduct</i>	-0.75	
			-1.09	
26 05 29 00-0234	EA	5/16" To 1/2" Flange Thickness, Beam Clamp (Caddy 6TA58) <i>For >50 To 100, Deduct</i>	5.08	
		<i>For >100 To 250, Deduct</i>	-0.20	
		<i>For >250 To 500, Deduct</i>	-0.40	
		<i>For >500, Deduct</i>	-0.74	
			-1.08	
26 05 29 00-0235	EA	9/16" To 3/4" Flange Thickness, Beam Clamp (Caddy 6TA912) <i>For >50 To 100, Deduct</i>	5.72	
		<i>For >100 To 250, Deduct</i>	-0.21	
		<i>For >250 To 500, Deduct</i>	-0.43	
		<i>For >500, Deduct</i>	-0.79	
			-1.14	
26 05 29 00-0236		T-Bar Support Clips <small>(26 05 29 00-0165)</small>		
26 05 29 00-0237	EA	9/16" Grid Size, Independent T-Bar Support Clip (Caddy IDS95) <i>For >50 To 100, Deduct</i>	8.53	
		<i>For >100 To 250, Deduct</i>	-0.36	
		<i>For >250 To 500, Deduct</i>	-0.71	
		<i>For >500, Deduct</i>	-1.35	
			-2.00	
26 05 29 00-0238	EA	15/16" Grid Size, Independent T-Bar Support Clip (Caddy IDS) <i>For >50 To 100, Deduct</i>	8.03	
		<i>For >100 To 250, Deduct</i>	-0.34	
		<i>For >250 To 500, Deduct</i>	-0.69	
		<i>For >500, Deduct</i>	-1.32	
			-1.95	
26 05 29 00-0239	EA	15/16 Grid Size, Twist On T-Bar Support Clip (Caddy 4G16) <i>For >50 To 100, Deduct</i>	3.15	
		<i>For >100 To 250, Deduct</i>	-0.11	
		<i>For >250 To 500, Deduct</i>	-0.23	
		<i>For >500, Deduct</i>	-0.41	
			-0.60	
26 05 29 00-0240	EA	24" Long Snap On T-Bar Electrical Box Hanger (Caddy 512) <i>For >50 To 100, Deduct</i>	27.14	
		<i>For >100 To 250, Deduct</i>	-0.74	
		<i>For >250 To 500, Deduct</i>	-1.47	
		<i>For >500, Deduct</i>	-2.32	
			-3.17	
26 05 29 00-0241		Switch And Outlet Box Type Supports <small>(26 05 29 00-0165)</small>		
26 05 29 00-0242	EA	1/4" To 3/4" Drywall Thickness, Adjustable Switch And Outlet Box Support (Caddy MFS) <i>For >50 To 100, Deduct</i>	6.53	
		<i>For >100 To 250, Deduct</i>	-0.22	
		<i>For >250 To 500, Deduct</i>	-0.44	
		<i>For >500, Deduct</i>	-0.78	
			-1.11	
26 05 29 00-0243	EA	1/2" Drywall Thickness, Riveted Switch And Outlet Box Support (Caddy MF500) <i>For >50 To 100, Deduct</i>	5.49	
		<i>For >100 To 250, Deduct</i>	-0.19	
		<i>For >250 To 500, Deduct</i>	-0.39	
		<i>For >500, Deduct</i>	-0.70	
			-1.01	
26 05 29 00-0244	EA	Flush, Riveted Switch And Outlet Box Support (Caddy MFO) <i>For >50 To 100, Deduct</i>	6.38	
		<i>For >100 To 250, Deduct</i>	-0.22	
		<i>For >250 To 500, Deduct</i>	-0.43	
		<i>For >500, Deduct</i>	-0.76	
			-1.10	
26 05 29 00-0245	EA	Snap On, Switch And Outlet Box Support (Caddy MSF) <i>For >50 To 100, Deduct</i>	4.00	
		<i>For >100 To 250, Deduct</i>	-0.16	
		<i>For >250 To 500, Deduct</i>	-0.31	
		<i>For >500, Deduct</i>	-0.59	
			-0.86	
26 05 29 00-0246	EA	1/4-20 Thread Impression, Switch And Outlet Box Support (Caddy MFI) <i>For >50 To 100, Deduct</i>	4.19	
		<i>For >100 To 250, Deduct</i>	-0.16	
		<i>For >250 To 500, Deduct</i>	-0.32	
		<i>For >500, Deduct</i>	-0.60	
			-0.88	
26 05 29 00-0247		Lighting Fixture Hanger <small>(26 05 29 00-0165)</small> Note: For existing or owner furnished fixtures.		

26 Electrical**26 05 Common Work Results for Electrical****26 05 29 Hangers and Supports for Electrical Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 29 00-0248	EA	Lay-In/Troffer, Straight Lip Type Fixture Support Clip (Caddy 515)	5.59
		<i>For >50 To 100, Deduct</i>	-0.25
		<i>For >100 To 250, Deduct</i>	-0.51
		<i>For >250 To 500, Deduct</i>	-0.99
		<i>For >500, Deduct</i>	-1.47
26 05 29 00-0249	PR	Support Bars For Recessed "High Hat" Light Fixtures (Caddy 517)	21.10
		<i>For >50 To 100, Deduct</i>	-0.64
		<i>For >100 To 250, Deduct</i>	-1.28
		<i>For >250 To 500, Deduct</i>	-2.15
		<i>For >500, Deduct</i>	-3.02
26 05 29 00-0250	PR	Support Bars For Recessed "Lightolier" Light Fixtures (Caddy 520)	29.25
		<i>For >50 To 100, Deduct</i>	-0.85
		<i>For >100 To 250, Deduct</i>	-1.69
		<i>For >250 To 500, Deduct</i>	-2.77
		<i>For >500, Deduct</i>	-3.84

26 05 29 00-0251 Rigid Steel Conduit Clamps For Unistrut Channel (26 05 29 00-0165)

26 05 29 00-0252	EA	1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	5.04
		<i>For >50 To 100, Deduct</i>	-0.21
		<i>For >100 To 250, Deduct</i>	-0.42
		<i>For >250 To 500, Deduct</i>	-0.81
		<i>For >500, Deduct</i>	-1.19
		<i>For Work In Restricted Working Space, Add</i>	1.03
26 05 29 00-0253	EA	3/4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	5.06
		<i>For >50 To 100, Deduct</i>	-0.21
		<i>For >100 To 250, Deduct</i>	-0.42
		<i>For >250 To 500, Deduct</i>	-0.81
		<i>For >500, Deduct</i>	-1.19
		<i>For Work In Restricted Working Space, Add</i>	1.03
26 05 29 00-0254	EA	1" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	5.19
		<i>For >50 To 100, Deduct</i>	-0.22
		<i>For >100 To 250, Deduct</i>	-0.43
		<i>For >250 To 500, Deduct</i>	-0.82
		<i>For >500, Deduct</i>	-1.21
		<i>For Work In Restricted Working Space, Add</i>	1.03
26 05 29 00-0255	EA	1-1/4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	6.50
		<i>For >50 To 100, Deduct</i>	-0.28
		<i>For >100 To 250, Deduct</i>	-0.55
		<i>For >250 To 500, Deduct</i>	-1.06
		<i>For >500, Deduct</i>	-1.56
		<i>For Work In Restricted Working Space, Add</i>	1.37
26 05 29 00-0256	EA	1-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	7.16
		<i>For >50 To 100, Deduct</i>	-0.29
		<i>For >100 To 250, Deduct</i>	-0.59
		<i>For >250 To 500, Deduct</i>	-1.11
		<i>For >500, Deduct</i>	-1.63
		<i>For Work In Restricted Working Space, Add</i>	1.37
26 05 29 00-0257	EA	2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	7.22
		<i>For >50 To 100, Deduct</i>	-0.29
		<i>For >100 To 250, Deduct</i>	-0.59
		<i>For >250 To 500, Deduct</i>	-1.11
		<i>For >500, Deduct</i>	-1.64
		<i>For Work In Restricted Working Space, Add</i>	1.37
26 05 29 00-0258	EA	2-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	8.83
		<i>For >50 To 100, Deduct</i>	-0.36
		<i>For >100 To 250, Deduct</i>	-0.73
		<i>For >250 To 500, Deduct</i>	-1.38
		<i>For >500, Deduct</i>	-2.03
		<i>For Work In Restricted Working Space, Add</i>	1.71
26 05 29 00-0259	EA	3" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	9.41
		<i>For >50 To 100, Deduct</i>	-0.38
		<i>For >100 To 250, Deduct</i>	-0.76
		<i>For >250 To 500, Deduct</i>	-1.42
		<i>For >500, Deduct</i>	-2.08
		<i>For Work In Restricted Working Space, Add</i>	1.71
26 05 29 00-0260	EA	3-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	9.97
		<i>For >50 To 100, Deduct</i>	-0.39
		<i>For >100 To 250, Deduct</i>	-0.78
		<i>For >250 To 500, Deduct</i>	-1.46
		<i>For >500, Deduct</i>	-2.14
		<i>For Work In Restricted Working Space, Add</i>	1.71
26 05 29 00-0261	EA	4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	10.17
		<i>For >50 To 100, Deduct</i>	-0.40
		<i>For >100 To 250, Deduct</i>	-0.79
		<i>For >250 To 500, Deduct</i>	-1.48
		<i>For >500, Deduct</i>	-2.16
		<i>For Work In Restricted Working Space, Add</i>	1.71

26 05 29 00-0262 Electrical Metallic Tubing (EMT) Conduit Clamps For Unistrut Channel (26 05 29 00-0165)

26 05 29 00-0263	EA	1/2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	5.46
		<i>For >50 To 100, Deduct</i>	-0.22
		<i>For >100 To 250, Deduct</i>	-0.44
		<i>For >250 To 500, Deduct</i>	-0.84
		<i>For >500, Deduct</i>	-1.23
		<i>For Work In Restricted Working Space, Add</i>	1.03

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 29 00-0264	EA	3/4" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel.....	5.41	
		<i>For >50 To 100, Deduct</i>	-0.22	
		<i>For >100 To 250, Deduct</i>	-0.44	
		<i>For >250 To 500, Deduct</i>	-0.83	
		<i>For >500, Deduct</i>	-1.23	
		<i>For Work In Restricted Working Space, Add</i>	1.03	
26 05 29 00-0265	EA	1" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel.....	5.35	
		<i>For >50 To 100, Deduct</i>	-0.22	
		<i>For >100 To 250, Deduct</i>	-0.44	
		<i>For >250 To 500, Deduct</i>	-0.83	
		<i>For >500, Deduct</i>	-1.22	
		<i>For Work In Restricted Working Space, Add</i>	1.03	
26 05 29 00-0266	EA	1-1/4" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel.....	7.02	
		<i>For >50 To 100, Deduct</i>	-0.29	
		<i>For >100 To 250, Deduct</i>	-0.58	
		<i>For >250 To 500, Deduct</i>	-1.10	
		<i>For >500, Deduct</i>	-1.62	
		<i>For Work In Restricted Working Space, Add</i>	1.37	
26 05 29 00-0267	EA	1-1/2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel.....	8.16	
		<i>For >50 To 100, Deduct</i>	-0.32	
		<i>For >100 To 250, Deduct</i>	-0.64	
		<i>For >250 To 500, Deduct</i>	-1.18	
		<i>For >500, Deduct</i>	-1.73	
		<i>For Work In Restricted Working Space, Add</i>	1.37	
26 05 29 00-0268	EA	2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel.....	8.23	
		<i>For >50 To 100, Deduct</i>	-0.32	
		<i>For >100 To 250, Deduct</i>	-0.64	
		<i>For >250 To 500, Deduct</i>	-1.19	
		<i>For >500, Deduct</i>	-1.74	
		<i>For Work In Restricted Working Space, Add</i>	1.37	

26 05 29 00-0269 "J" Type Conduit Hangers (26 05 29 00-0165)

26 05 29 00-0270	EA	1/2", "J" Type Conduit Hanger (Unistrut J1205).....	25.10	
		<i>For >50 To 100, Deduct</i>	-0.83	
		<i>For >100 To 250, Deduct</i>	-1.66	
		<i>For >250 To 500, Deduct</i>	-2.88	
		<i>For >500, Deduct</i>	-4.11	
		<i>For Work In Restricted Working Space, Add</i>	2.40	
26 05 29 00-0271	EA	3/4", "J" Type Conduit Hanger (Unistrut J1207).....	25.40	
		<i>For >50 To 100, Deduct</i>	-0.84	
		<i>For >100 To 250, Deduct</i>	-1.67	
		<i>For >250 To 500, Deduct</i>	-2.91	
		<i>For >500, Deduct</i>	-4.14	
		<i>For Work In Restricted Working Space, Add</i>	2.40	
26 05 29 00-0272	EA	1", "J" Type Conduit Hanger (Unistrut J1210).....	26.82	
		<i>For >50 To 100, Deduct</i>	-0.90	
		<i>For >100 To 250, Deduct</i>	-1.80	
		<i>For >250 To 500, Deduct</i>	-3.15	
		<i>For >500, Deduct</i>	-4.51	
		<i>For Work In Restricted Working Space, Add</i>	2.74	
26 05 29 00-0273	EA	1-1/4", "J" Type Conduit Hanger (Unistrut J1212).....	27.14	
		<i>For >50 To 100, Deduct</i>	-0.91	
		<i>For >100 To 250, Deduct</i>	-1.81	
		<i>For >250 To 500, Deduct</i>	-3.18	
		<i>For >500, Deduct</i>	-4.54	
		<i>For Work In Restricted Working Space, Add</i>	2.74	
26 05 29 00-0274	EA	1-1/2", "J" Type Conduit Hanger (Unistrut J1215).....	28.49	
		<i>For >50 To 100, Deduct</i>	-0.97	
		<i>For >100 To 250, Deduct</i>	-1.94	
		<i>For >250 To 500, Deduct</i>	-3.42	
		<i>For >500, Deduct</i>	-4.91	
		<i>For Work In Restricted Working Space, Add</i>	3.08	
26 05 29 00-0275	EA	2", "J" Type Conduit Hanger (Unistrut J1220).....	29.71	
		<i>For >50 To 100, Deduct</i>	-1.00	
		<i>For >100 To 250, Deduct</i>	-2.00	
		<i>For >250 To 500, Deduct</i>	-3.51	
		<i>For >500, Deduct</i>	-5.03	
		<i>For Work In Restricted Working Space, Add</i>	3.08	
26 05 29 00-0276	EA	2-1/2", "J" Type Conduit Hanger (Unistrut J1225).....	48.22	
		<i>For >50 To 100, Deduct</i>	-1.49	
		<i>For >100 To 250, Deduct</i>	-2.98	
		<i>For >250 To 500, Deduct</i>	-5.05	
		<i>For >500, Deduct</i>	-7.11	
		<i>For Work In Restricted Working Space, Add</i>	3.43	
26 05 29 00-0277	EA	3", "J" Type Conduit Hanger (Unistrut J1230).....	51.19	
		<i>For >50 To 100, Deduct</i>	-1.59	
		<i>For >100 To 250, Deduct</i>	-3.19	
		<i>For >250 To 500, Deduct</i>	-5.41	
		<i>For >500, Deduct</i>	-7.63	
		<i>For Work In Restricted Working Space, Add</i>	3.77	
26 05 29 00-0278	EA	3-1/2", "J" Type Conduit Hanger (Unistrut J1235).....	55.08	
		<i>For >50 To 100, Deduct</i>	-1.72	
		<i>For >100 To 250, Deduct</i>	-3.44	
		<i>For >250 To 500, Deduct</i>	-5.84	
		<i>For >500, Deduct</i>	-8.25	
		<i>For Work In Restricted Working Space, Add</i>	4.11	

26 Electrical**26 05 Common Work Results for Electrical****26 05 29 Hangers and Supports for Electrical Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 29 00-0279	EA 4", "J" Type Conduit Hanger (Unistrut J1240).....	73.92	
	<i>For >50 To 100, Deduct</i>	-2.19	
	<i>For >100 To 250, Deduct</i>	-4.38	
	<i>For >250 To 500, Deduct</i>	-7.26	
	<i>For >500, Deduct</i>	-10.13	
	<i>For Work In Restricted Working Space, Add</i>	4.11	
26 05 29 00-0280	EA 5", "J" Type Conduit Hanger (Unistrut J1250).....	81.24	
	<i>For >50 To 100, Deduct</i>	-2.40	
	<i>For >100 To 250, Deduct</i>	-4.80	
	<i>For >250 To 500, Deduct</i>	-7.95	
	<i>For >500, Deduct</i>	-11.09	
	<i>For Work In Restricted Working Space, Add</i>	4.46	
26 05 29 00-0281	EA 6", "J" Type Conduit Hanger (Unistrut J1260).....	115.09	
	<i>For >50 To 100, Deduct</i>	-3.31	
	<i>For >100 To 250, Deduct</i>	-6.61	
	<i>For >250 To 500, Deduct</i>	-10.77	
	<i>For >500, Deduct</i>	-14.94	
	<i>For Work In Restricted Working Space, Add</i>	5.14	

26 05 29 00-0282 Between Studs Box Brackets (26 05 29 00-0165)

26 05 29 00-0283	EA 16" Stud Spacing, 1-1/2" Or 2-1/8" Box Depth, Screw Gun Between Studs Box Bracket (Caddy SGB16A)	8.97	
	<i>For >50 To 100, Deduct</i>	-0.31	
	<i>For >100 To 250, Deduct</i>	-0.62	
	<i>For >250 To 500, Deduct</i>	-1.10	
	<i>For >500, Deduct</i>	-1.58	
	<i>For Work In Restricted Working Space, Add</i>	1.03	
26 05 29 00-0284	EA 24" Stud Spacing, 1-1/2" Or 2-1/8" Box Depth, Screw Gun Between Studs Box Bracket (Caddy SGB24A)	10.89	
	<i>For >50 To 100, Deduct</i>	-0.36	
	<i>For >100 To 250, Deduct</i>	-0.72	
	<i>For >250 To 500, Deduct</i>	-1.25	
	<i>For >500, Deduct</i>	-1.78	
	<i>For Work In Restricted Working Space, Add</i>	1.03	

26 05 29 00-0285 Hangers And Brackets (26 05 29 00-0165)

26 05 29 00-0286	EA Rod Hangers Only With 1/4" Thread Impression (Caddy 4TI)	3.02	
	<i>For >50 To 100, Deduct</i>	-0.13	
	<i>For >100 To 250, Deduct</i>	-0.27	
	<i>For >250 To 500, Deduct</i>	-0.51	
	<i>For >500, Deduct</i>	-0.76	
26 05 29 00-0287	EA Angle Bracket Only With 1/4" Hole (Caddy AB).....	2.91	
	<i>For >50 To 100, Deduct</i>	-0.13	
	<i>For >100 To 250, Deduct</i>	-0.26	
	<i>For >250 To 500, Deduct</i>	-0.50	
	<i>For >500, Deduct</i>	-0.75	
26 05 29 00-0288	EA Offset Bracket Only With 1/4" Hole (Caddy AO).....	2.91	
	<i>For >50 To 100, Deduct</i>	-0.13	
	<i>For >100 To 250, Deduct</i>	-0.26	
	<i>For >250 To 500, Deduct</i>	-0.50	
	<i>For >500, Deduct</i>	-0.75	
26 05 29 00-0289	EA Angle Bracket Mount, 1/4" Threaded Rod Hanger With Thread Impression (Caddy 4TIB).....	4.06	
	<i>For >50 To 100, Deduct</i>	-0.16	
	<i>For >100 To 250, Deduct</i>	-0.32	
	<i>For >250 To 500, Deduct</i>	-0.59	
	<i>For >500, Deduct</i>	-0.86	
26 05 29 00-0290	EA Angle Bracket Mount, 3/8" Threaded Rod Hanger With Thread Impression (Caddy 6TIB).....	4.08	
	<i>For >50 To 100, Deduct</i>	-0.16	
	<i>For >100 To 250, Deduct</i>	-0.32	
	<i>For >250 To 500, Deduct</i>	-0.59	
	<i>For >500, Deduct</i>	-0.87	
26 05 29 00-0291	EA Angle Bracket Mount, 1/4" Or 3/8" Threaded Rod Hanger With Nut (Caddy 6TB).....	3.95	
	<i>For >50 To 100, Deduct</i>	-0.16	
	<i>For >100 To 250, Deduct</i>	-0.31	
	<i>For >250 To 500, Deduct</i>	-0.58	
	<i>For >500, Deduct</i>	-0.85	
26 05 29 00-0292	EA Offset Bracket Mount, 1/4" Threaded Rod Hanger With Thread Impression (Caddy 4TIO).....	4.06	
	<i>For >50 To 100, Deduct</i>	-0.16	
	<i>For >100 To 250, Deduct</i>	-0.32	
	<i>For >250 To 500, Deduct</i>	-0.59	
	<i>For >500, Deduct</i>	-0.86	
26 05 29 00-0293	EA Offset Bracket Mount, 3/8" Threaded Rod Hanger With Thread Impression (Caddy 6TIO).....	4.08	
	<i>For >50 To 100, Deduct</i>	-0.16	
	<i>For >100 To 250, Deduct</i>	-0.32	
	<i>For >250 To 500, Deduct</i>	-0.59	
	<i>For >500, Deduct</i>	-0.87	

26 05 29 00-0294 Clips And Accessories (26 05 29 00-0165)

26 05 29 00-0295	EA 1/2" Diameter Center, Bridle Ring (Caddy 2BR)	2.06	
	<i>For >50 To 100, Deduct</i>	-0.09	
	<i>For >100 To 250, Deduct</i>	-0.17	
	<i>For >250 To 500, Deduct</i>	-0.33	
	<i>For >500, Deduct</i>	-0.49	
26 05 29 00-0296	EA 3/4" Diameter Center, Bridle Ring (Caddy 2BR12).....	2.10	
	<i>For >50 To 100, Deduct</i>	-0.09	
	<i>For >100 To 250, Deduct</i>	-0.18	
	<i>For >250 To 500, Deduct</i>	-0.34	
	<i>For >500, Deduct</i>	-0.49	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST
26 05 29 00-0297	EA		1-1/4" Diameter Center, Bridle Ring (Caddy 2BR20).....	2.27	
			<i>For >50 To 100, Deduct</i>	-0.09	
			<i>For >100 To 250, Deduct</i>	-0.18	
			<i>For >250 To 500, Deduct</i>	-0.35	
			<i>For >500, Deduct</i>	-0.51	
26 05 29 00-0298	EA		2" Diameter Center, Bridle Ring (Caddy 2BR32).....	2.64	
			<i>For >50 To 100, Deduct</i>	-0.10	
			<i>For >100 To 250, Deduct</i>	-0.20	
			<i>For >250 To 500, Deduct</i>	-0.38	
			<i>For >500, Deduct</i>	-0.55	
26 05 29 00-0299			Wire Ties <small>(26 05 29 00-0165)</small>		
			Note: Per hundred (C).		
26 05 29 00-0300	C		3" Length, 18 LB Tensile Strength, Nylon Cable Ties.....	29.35	
			<i>For Up To 0.1, Add</i>	23.85	
			<i>For >0.1 To 0.25, Add</i>	11.93	
			<i>For >0.25 To 0.75, Add</i>	5.96	
			<i>For >2.0, Deduct</i>	-2.39	
			<i>For UV Black, Add</i>	0.83	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.16	
26 05 29 00-0301	C		4" Length, 18 LB Tensile Strength, Nylon Cable Ties.....	29.57	
			<i>For Up To 0.1, Add</i>	23.85	
			<i>For >0.1 To 0.25, Add</i>	11.93	
			<i>For >0.25 To 0.75, Add</i>	5.96	
			<i>For >2.0, Deduct</i>	-2.39	
			<i>For UV Black, Add</i>	0.86	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.16	
26 05 29 00-0302	C		4-3/4" Length, 18 LB Tensile Strength, Nylon Cable Ties.....	29.71	
			<i>For Up To 0.1, Add</i>	23.85	
			<i>For >0.1 To 0.25, Add</i>	11.93	
			<i>For >0.25 To 0.75, Add</i>	5.96	
			<i>For >2.0, Deduct</i>	-2.39	
			<i>For UV Black, Add</i>	0.88	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.16	
26 05 29 00-0303	C		5-1/2" Length, 18 LB Tensile Strength, Nylon Cable Ties.....	29.78	
			<i>For Up To 0.1, Add</i>	23.85	
			<i>For >0.1 To 0.25, Add</i>	11.93	
			<i>For >0.25 To 0.75, Add</i>	5.96	
			<i>For >2.0, Deduct</i>	-2.39	
			<i>For UV Black, Add</i>	0.89	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.16	
26 05 29 00-0304	C		6-1/2" Length, 18 LB Tensile Strength, Nylon Cable Ties.....	30.87	
			<i>For Up To 0.1, Add</i>	24.88	
			<i>For >0.1 To 0.25, Add</i>	12.44	
			<i>For >0.25 To 0.75, Add</i>	6.22	
			<i>For >2.0, Deduct</i>	-2.49	
			<i>For UV Black, Add</i>	0.90	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.46	
26 05 29 00-0305	C		8" Length, 18 LB Tensile Strength, Nylon Cable Ties.....	36.66	
			<i>For Up To 0.1, Add</i>	26.02	
			<i>For >0.1 To 0.25, Add</i>	13.01	
			<i>For >0.25 To 0.75, Add</i>	6.51	
			<i>For >2.0, Deduct</i>	-2.60	
			<i>For UV Black, Add</i>	1.60	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.81	
26 05 29 00-0306	C		4-3/4" Length, 40 LB Tensile Strength, Nylon Cable Ties.....	35.26	
			<i>For Up To 0.1, Add</i>	23.85	
			<i>For >0.1 To 0.25, Add</i>	11.93	
			<i>For >0.25 To 0.75, Add</i>	5.96	
			<i>For >2.0, Deduct</i>	-2.39	
			<i>For UV Black, Add</i>	1.71	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.16	
26 05 29 00-0307	C		6" Length, 40 LB Tensile Strength, Nylon Cable Ties.....	36.38	
			<i>For Up To 0.1, Add</i>	24.88	
			<i>For >0.1 To 0.25, Add</i>	12.44	
			<i>For >0.25 To 0.75, Add</i>	6.22	
			<i>For >2.0, Deduct</i>	-2.49	
			<i>For UV Black, Add</i>	1.73	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.46	
26 05 29 00-0308	C		8" Length, 40 LB Tensile Strength, Nylon Cable Ties.....	37.58	
			<i>For Up To 0.1, Add</i>	26.02	
			<i>For >0.1 To 0.25, Add</i>	13.01	
			<i>For >0.25 To 0.75, Add</i>	6.51	
			<i>For >2.0, Deduct</i>	-2.60	
			<i>For UV Black, Add</i>	1.73	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.81	
26 05 29 00-0309	C		10" Length, 40 LB Tensile Strength, Nylon Cable Ties.....	54.71	
			<i>For Up To 0.1, Add</i>	28.05	
			<i>For >0.1 To 0.25, Add</i>	14.03	
			<i>For >0.25 To 0.75, Add</i>	7.01	
			<i>For >2.0, Deduct</i>	-2.81	
			<i>For UV Black, Add</i>	4.00	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.42	
26 05 29 00-0310	C		11-1/2" Length, 40 LB Tensile Strength, Nylon Cable Ties.....	57.12	
			<i>For Up To 0.1, Add</i>	28.05	
			<i>For >0.1 To 0.25, Add</i>	14.03	
			<i>For >0.25 To 0.75, Add</i>	7.01	
			<i>For >2.0, Deduct</i>	-2.81	
			<i>For UV Black, Add</i>	4.36	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.42	

26 Electrical**26 05 Common Work Results for Electrical****26 05 29 Hangers and Supports for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0311	C		7" Length, 50 LB Tensile Strength, Nylon Cable Ties.....	39.26	
			<i>For Up To 0.1, Add</i>	26.02	
			<i>For >0.1 To 0.25, Add</i>	13.01	
			<i>For >0.25 To 0.75, Add</i>	6.51	
			<i>For >2.0, Deduct</i>	-2.60	
			<i>For UV Black, Add</i>	1.99	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.81	
26 05 29 00-0312	C		8" Length, 50 LB Tensile Strength, Nylon Cable Ties.....	37.13	
			<i>For Up To 0.1, Add</i>	26.02	
			<i>For >0.1 To 0.25, Add</i>	13.01	
			<i>For >0.25 To 0.75, Add</i>	6.51	
			<i>For >2.0, Deduct</i>	-2.60	
			<i>For UV Black, Add</i>	1.67	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.81	
26 05 29 00-0313	C		11" Length, 50 LB Tensile Strength, Nylon Cable Ties.....	55.37	
			<i>For Up To 0.1, Add</i>	28.05	
			<i>For >0.1 To 0.25, Add</i>	14.03	
			<i>For >0.25 To 0.75, Add</i>	7.01	
			<i>For >2.0, Deduct</i>	-2.81	
			<i>For UV Black, Add</i>	4.10	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.42	
26 05 29 00-0314	C		14-1/2" Length, 50 LB Tensile Strength, Nylon Cable Ties.....	63.40	
			<i>For Up To 0.1, Add</i>	29.81	
			<i>For >0.1 To 0.25, Add</i>	14.91	
			<i>For >0.25 To 0.75, Add</i>	7.45	
			<i>For >2.0, Deduct</i>	-2.98	
			<i>For UV Black, Add</i>	5.04	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.94	
26 05 29 00-0315	C		8" Length, 120 LB Tensile Strength, Nylon Cable Ties.....	62.06	
			<i>For Up To 0.1, Add</i>	26.02	
			<i>For >0.1 To 0.25, Add</i>	13.01	
			<i>For >0.25 To 0.75, Add</i>	6.51	
			<i>For >2.0, Deduct</i>	-2.60	
			<i>For UV Black, Add</i>	5.41	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.81	
26 05 29 00-0316	C		11" Length, 120 LB Tensile Strength, Nylon Cable Ties.....	67.95	
			<i>For Up To 0.1, Add</i>	28.05	
			<i>For >0.1 To 0.25, Add</i>	14.03	
			<i>For >0.25 To 0.75, Add</i>	7.01	
			<i>For >2.0, Deduct</i>	-2.81	
			<i>For UV Black, Add</i>	5.99	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.42	
26 05 29 00-0317	C		15" Length, 120 LB Tensile Strength, Nylon Cable Ties.....	82.30	
			<i>For Up To 0.1, Add</i>	29.81	
			<i>For >0.1 To 0.25, Add</i>	14.91	
			<i>For >0.25 To 0.75, Add</i>	7.45	
			<i>For >2.0, Deduct</i>	-2.98	
			<i>For UV Black, Add</i>	7.87	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.94	
26 05 29 00-0318	C		17" Length, 120 LB Tensile Strength, Nylon Cable Ties.....	117.79	
			<i>For Up To 0.1, Add</i>	31.80	
			<i>For >0.1 To 0.25, Add</i>	15.90	
			<i>For >0.25 To 0.75, Add</i>	7.95	
			<i>For >2.0, Deduct</i>	-3.18	
			<i>For UV Black, Add</i>	12.90	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.54	
26 05 29 00-0319	C		17-3/4" Length, 175 LB Tensile Strength, Nylon Cable Ties.....	114.12	
			<i>For Up To 0.1, Add</i>	31.80	
			<i>For >0.1 To 0.25, Add</i>	15.90	
			<i>For >0.25 To 0.75, Add</i>	7.95	
			<i>For >2.0, Deduct</i>	-3.18	
			<i>For UV Black, Add</i>	12.35	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.54	
26 05 29 00-0320	C		21-11/16" Length, 175 LB Tensile Strength, Nylon Cable Ties.....	139.06	
			<i>For Up To 0.1, Add</i>	33.28	
			<i>For >0.1 To 0.25, Add</i>	16.64	
			<i>For >0.25 To 0.75, Add</i>	8.32	
			<i>For >2.0, Deduct</i>	-3.33	
			<i>For UV Black, Add</i>	15.87	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.98	
26 05 29 00-0321	C		30" Length, 175 LB Tensile Strength, Nylon Cable Ties.....	160.98	
			<i>For Up To 0.1, Add</i>	34.89	
			<i>For >0.1 To 0.25, Add</i>	17.45	
			<i>For >0.25 To 0.75, Add</i>	8.72	
			<i>For >2.0, Deduct</i>	-3.49	
			<i>For UV Black, Add</i>	18.91	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.47	
26 05 29 00-0322	C		46" Length, 175 LB Tensile Strength, Nylon Cable Ties.....	220.85	
			<i>For Up To 0.1, Add</i>	37.65	
			<i>For >0.1 To 0.25, Add</i>	18.83	
			<i>For >0.25 To 0.75, Add</i>	9.41	
			<i>For >2.0, Deduct</i>	-3.77	
			<i>For UV Black, Add</i>	27.48	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.30	
26 05 29 00-0323	C		3/4" x 3/4" Self Adhesive Tie Mounts.....	38.46	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.73	
26 05 29 00-0324	C		1.1" x 1.1" Tie Mounts With Screw.....	76.23	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.46	
26 05 29 00-0325	EA		6" Length x 1/2" Width, Velcro Grip Cable Tie.....	2.30	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	0.17	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 05 29 00-0326	EA		8" Length x 1/2" Width, Velcro Grip Cable Tie.....	2.31	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	0.14	
	26 05 29 00-0327	EA		12" Length x 1/2" Width, Velcro Grip Cable Tie.....	2.85	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	0.14	
	26 05 29 00-0328	EA		15" Length x 3/4" Width, Velcro Grip Cable Tie.....	4.00	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	0.14	
	26 05 29 00-0329	EA		180" Length x 3/4" Width, Velcro Grip Cable Tie Roll.....	102.85	
				Note: Cut to length.		
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.07	
	26 05 29 00-0330			Fastening Devices For Wireway And Conduit <small>(26 05 29)</small>		
				Note: Includes drilling of holes with power tools in concrete, brick, concrete block, wood, tile or steel and alignment of hangers and supports for bolts.		
	26 05 29 00-0331			Toggle Bolts <small>(26 05 29 00-0330)</small>		
				Note: Includes machine screw, toggle wing and drilling in concrete, concrete block, wood or steel.		
	26 05 29 00-0332	EA		1/8" Diameter, 3" Length, Zinc Plated Steel, Toggle Bolt.....	8.78	
				<i>For >50 To 100, Deduct</i>	-0.85	
				<i>For >100 To 250, Deduct</i>	-1.69	
				<i>For >250 To 500, Deduct</i>	-2.95	
				<i>For >500, Deduct</i>	-4.22	
	26 05 29 00-0333	EA		1/8" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt.....	9.02	
				<i>For >50 To 100, Deduct</i>	-0.87	
				<i>For >100 To 250, Deduct</i>	-1.74	
				<i>For >250 To 500, Deduct</i>	-3.03	
				<i>For >500, Deduct</i>	-4.33	
	26 05 29 00-0334	EA		3/16" Diameter, 3" Length, Zinc Plated Steel, Toggle Bolt.....	9.45	
				<i>For >50 To 100, Deduct</i>	-0.89	
				<i>For >100 To 250, Deduct</i>	-1.79	
				<i>For >250 To 500, Deduct</i>	-3.12	
				<i>For >500, Deduct</i>	-4.45	
	26 05 29 00-0335	EA		3/16" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt.....	9.69	
				<i>For >50 To 100, Deduct</i>	-0.92	
				<i>For >100 To 250, Deduct</i>	-1.83	
				<i>For >250 To 500, Deduct</i>	-3.19	
				<i>For >500, Deduct</i>	-4.56	
	26 05 29 00-0336	EA		1/4" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt.....	9.91	
				<i>For >50 To 100, Deduct</i>	-0.94	
				<i>For >100 To 250, Deduct</i>	-1.87	
				<i>For >250 To 500, Deduct</i>	-3.27	
				<i>For >500, Deduct</i>	-4.66	
	26 05 29 00-0337	EA		5/16" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt.....	11.05	
				<i>For >50 To 100, Deduct</i>	-0.98	
				<i>For >100 To 250, Deduct</i>	-1.96	
				<i>For >250 To 500, Deduct</i>	-3.41	
				<i>For >500, Deduct</i>	-4.87	
	26 05 29 00-0338	EA		3/8" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt.....	11.47	
				<i>For >50 To 100, Deduct</i>	-1.01	
				<i>For >100 To 250, Deduct</i>	-2.02	
				<i>For >250 To 500, Deduct</i>	-3.50	
				<i>For >500, Deduct</i>	-4.99	
	26 05 29 00-0339			Machine Screws <small>(26 05 29 00-0330)</small>		
				Note: Includes drilling in concrete, concrete block, wood or steel.		
	26 05 29 00-0340	EA		#8 Diameter, 2" Length, Zinc Plated Steel, Machine Screw.....	2.61	
				<i>For >50 To 100, Deduct</i>	-0.26	
				<i>For >100 To 250, Deduct</i>	-0.51	
				<i>For >250 To 500, Deduct</i>	-0.89	
				<i>For >500, Deduct</i>	-1.28	
	26 05 29 00-0341	EA		#10 Diameter, 2" Length, Zinc Plated Steel, Machine Screw.....	2.65	
				<i>For >50 To 100, Deduct</i>	-0.26	
				<i>For >100 To 250, Deduct</i>	-0.51	
				<i>For >250 To 500, Deduct</i>	-0.90	
				<i>For >500, Deduct</i>	-1.28	
	26 05 29 00-0342	EA		1/4" Diameter, 2" Length, Zinc Plated Steel, Machine Screw.....	3.31	
				<i>For >50 To 100, Deduct</i>	-0.32	
				<i>For >100 To 250, Deduct</i>	-0.64	
				<i>For >250 To 500, Deduct</i>	-1.12	
				<i>For >500, Deduct</i>	-1.60	
	26 05 29 00-0343	EA		5/16" Diameter, 2" Length, Zinc Plated Steel, Machine Screw.....	3.44	
				<i>For >50 To 100, Deduct</i>	-0.32	
				<i>For >100 To 250, Deduct</i>	-0.65	
				<i>For >250 To 500, Deduct</i>	-1.13	
				<i>For >500, Deduct</i>	-1.62	
	26 05 29 00-0344	EA		3/8" Diameter, 2" Length, Zinc Plated Steel, Machine Screw.....	4.22	
				<i>For >50 To 100, Deduct</i>	-0.39	
				<i>For >100 To 250, Deduct</i>	-0.78	
				<i>For >250 To 500, Deduct</i>	-1.36	
				<i>For >500, Deduct</i>	-1.94	
	26 05 29 00-0345			Hex Lag Bolts With Lag Shield Expansion Anchors <small>(26 05 29 00-0330)</small>		
				Note: Includes lag bolt, lag shield expansion anchor and drilling in concrete, concrete block, wood or steel.		
	26 05 29 00-0346	EA		1/4" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor.....	4.08	
				<i>For >50 To 100, Deduct</i>	-0.34	
				<i>For >100 To 250, Deduct</i>	-0.68	
				<i>For >250 To 500, Deduct</i>	-1.18	
				<i>For >500, Deduct</i>	-1.68	

26 Electrical**26 05 Common Work Results for Electrical****26 05 29 Hangers and Supports for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 29 00-0347	EA	5/16" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	4.04
		<i>For >50 To 100, Deduct</i>	-0.34
		<i>For >100 To 250, Deduct</i>	-0.68
		<i>For >250 To 500, Deduct</i>	-1.18
		<i>For >500, Deduct</i>	-1.68
26 05 29 00-0348	EA	3/8" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	5.59
		<i>For >50 To 100, Deduct</i>	-0.42
		<i>For >100 To 250, Deduct</i>	-0.85
		<i>For >250 To 500, Deduct</i>	-1.46
		<i>For >500, Deduct</i>	-2.08
26 05 29 00-0349	EA	1/2" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	7.06
		<i>For >50 To 100, Deduct</i>	-0.51
		<i>For >100 To 250, Deduct</i>	-1.02
		<i>For >250 To 500, Deduct</i>	-1.75
		<i>For >500, Deduct</i>	-2.47

26 05 29 00-0350 Hanger Lag Bolts With Hex Nuts (26 05 29 00-0330)

Note: Includes hanger lag bolt (threaded one side), hex nut and drilling in concrete, concrete block, wood or steel.

26 05 29 00-0351	EA	1/4" Diameter, 2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut	3.08
		<i>For >50 To 100, Deduct</i>	-0.27
		<i>For >100 To 250, Deduct</i>	-0.54
		<i>For >250 To 500, Deduct</i>	-0.93
		<i>For >500, Deduct</i>	-1.32
26 05 29 00-0352	EA	5/16" Diameter, 2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut	3.13
		<i>For >50 To 100, Deduct</i>	-0.27
		<i>For >100 To 250, Deduct</i>	-0.54
		<i>For >250 To 500, Deduct</i>	-0.93
		<i>For >500, Deduct</i>	-1.33
26 05 29 00-0353	EA	3/8" Diameter, 2-1/2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut	3.67
		<i>For >50 To 100, Deduct</i>	-0.30
		<i>For >100 To 250, Deduct</i>	-0.61
		<i>For >250 To 500, Deduct</i>	-1.05
		<i>For >500, Deduct</i>	-1.50

26 05 29 00-0354 Hollow Wall Screw Anchors (26 05 29 00-0330)

26 05 29 00-0355	EA	6-32 Screw Size, 5/16" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	1.82
		<i>For >50 To 100, Deduct</i>	-0.16
		<i>For >100 To 250, Deduct</i>	-0.32
		<i>For >250 To 500, Deduct</i>	-0.55
		<i>For >500, Deduct</i>	-0.79
26 05 29 00-0356	EA	6-32 Screw Size, 5/16" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	1.86
		<i>For >50 To 100, Deduct</i>	-0.16
		<i>For >100 To 250, Deduct</i>	-0.32
		<i>For >250 To 500, Deduct</i>	-0.56
		<i>For >500, Deduct</i>	-0.79
26 05 29 00-0357	EA	6-32 Screw Size, 5/16" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	1.94
		<i>For >50 To 100, Deduct</i>	-0.16
		<i>For >100 To 250, Deduct</i>	-0.33
		<i>For >250 To 500, Deduct</i>	-0.56
		<i>For >500, Deduct</i>	-0.80
26 05 29 00-0358	EA	10-24 Screw Size, 3/8" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.43
		<i>For >50 To 100, Deduct</i>	-0.19
		<i>For >100 To 250, Deduct</i>	-0.39
		<i>For >250 To 500, Deduct</i>	-0.67
		<i>For >500, Deduct</i>	-0.95
26 05 29 00-0359	EA	10-24 Screw Size, 3/8" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.53
		<i>For >50 To 100, Deduct</i>	-0.20
		<i>For >100 To 250, Deduct</i>	-0.39
		<i>For >250 To 500, Deduct</i>	-0.68
		<i>For >500, Deduct</i>	-0.96
26 05 29 00-0360	EA	10-24 Screw Size, 3/8" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.57
		<i>For >50 To 100, Deduct</i>	-0.20
		<i>For >100 To 250, Deduct</i>	-0.39
		<i>For >250 To 500, Deduct</i>	-0.68
		<i>For >500, Deduct</i>	-0.97
26 05 29 00-0361	EA	1/4-20 Screw Size, 7/16" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.59
		<i>For >50 To 100, Deduct</i>	-0.20
		<i>For >100 To 250, Deduct</i>	-0.40
		<i>For >250 To 500, Deduct</i>	-0.68
		<i>For >500, Deduct</i>	-0.97
26 05 29 00-0362	EA	1/4-20 Screw Size, 7/16" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.73
		<i>For >50 To 100, Deduct</i>	-0.20
		<i>For >100 To 250, Deduct</i>	-0.40
		<i>For >250 To 500, Deduct</i>	-0.69
		<i>For >500, Deduct</i>	-0.98
26 05 29 00-0363	EA	1/4-20 Screw Size, 7/16" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.79
		<i>For >50 To 100, Deduct</i>	-0.20
		<i>For >100 To 250, Deduct</i>	-0.41
		<i>For >250 To 500, Deduct</i>	-0.70
		<i>For >500, Deduct</i>	-0.99

26 05 29 00-0364 Lead Screw Anchors (26 05 29 00-0330)

Note: Includes screw.

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

26 05 29 00-0365	EA #6-8 Screw Size, 1/4" Hole Diameter, Lead Screw Anchor With Screw	4.28	
	For >50 To 100, Deduct	-0.40	
	For >100 To 250, Deduct	-0.80	
	For >250 To 500, Deduct	-1.39	
	For >500, Deduct	-1.98	
26 05 29 00-0366	EA #10-14 Screw Size, 5/16" Hole Diameter, Lead Screw Anchor With Screw	5.07	
	For >50 To 100, Deduct	-0.46	
	For >100 To 250, Deduct	-0.93	
	For >250 To 500, Deduct	-1.62	
	For >500, Deduct	-2.31	
26 05 29 00-0367	EA #16-18 Screw Size, 5/16" Hole Diameter, Lead Screw Anchor With Screw	6.80	
	For >50 To 100, Deduct	-0.60	
	For >100 To 250, Deduct	-1.20	
	For >250 To 500, Deduct	-2.09	
	For >500, Deduct	-2.97	
26 05 29 00-0368	Acoustical T-Bar Clips <small>(26 05 29 00-0330)</small>		
	Note: For conduit installation above suspended ceilings up to 15' height.		
26 05 29 00-0369	EA 1/2" Conduit, Push-In Acoustical T-Bar Clip	7.36	
	For >50 To 100, Deduct	-0.55	
	For >100 To 250, Deduct	-1.10	
	For >250 To 500, Deduct	-1.89	
	For >500, Deduct	-2.68	
26 05 29 00-0370	EA 3/4" Conduit, Push-In Acoustical T-Bar Clip	7.72	
	For >50 To 100, Deduct	-0.58	
	For >100 To 250, Deduct	-1.15	
	For >250 To 500, Deduct	-1.99	
	For >500, Deduct	-2.82	
26 05 29 00-0371	EA 1" Conduit, Push-In Acoustical T-Bar Clip	8.42	
	For >50 To 100, Deduct	-0.62	
	For >100 To 250, Deduct	-1.23	
	For >250 To 500, Deduct	-2.12	
	For >500, Deduct	-3.00	
26 05 29 00-0372	Threaded Rod, Accessories And Attachments <small>(26 05 29)</small>		
26 05 29 00-0373	Threaded Rod And Rod Accessories <small>(26 05 29 00-0372)</small>		
26 05 29 00-0374	Carbon Steel Threaded Rod <small>(26 05 29 00-0373)</small>		
	Note: Includes plain finish.		
26 05 29 00-0375	LF 3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.23	0.72
	For Galvanized, Add	0.72	
	For Zinc Coated, Add	0.51	
26 05 29 00-0376	LF 1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	4.39	0.76
	For Galvanized, Add	1.14	
	For Zinc Coated, Add	0.82	
26 05 29 00-0377	LF 5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	6.01	0.79
	For Galvanized, Add	1.77	
	For Zinc Coated, Add	1.26	
26 05 29 00-0378	LF 3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	9.68	0.81
	For Galvanized, Add	3.22	
	For Zinc Coated, Add	2.29	
26 05 29 00-0379	LF 7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	10.54	0.84
	For Galvanized, Add	3.54	
	For Zinc Coated, Add	2.52	
26 05 29 00-0380	LF 1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	14.34	0.95
	For Galvanized, Add	4.97	
	For Zinc Coated, Add	3.54	
26 05 29 00-0381	LF 1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	17.79	1.05
	For Galvanized, Add	6.27	
	For Zinc Coated, Add	4.47	
26 05 29 00-0382	Threaded Rod Couplings <small>(26 05 29 00-0373)</small>		
26 05 29 00-0383	EA 3/8" Diameter, Threaded Rod Coupling Nut	8.88	
26 05 29 00-0384	EA 1/2" Diameter, Threaded Rod Coupling Nut	10.04	
26 05 29 00-0385	EA 5/8" Diameter, Threaded Rod Coupling Nut	12.32	
26 05 29 00-0386	EA 3/4" Diameter, Threaded Rod Coupling Nut	14.76	
26 05 29 00-0387	EA 7/8" Diameter, Threaded Rod Coupling Nut	20.86	
26 05 29 00-0388	EA 1" Diameter, Threaded Rod Coupling Nut	24.71	
26 05 29 00-0389	EA 1-1/8" Diameter, Threaded Rod Coupling Nut	45.07	
26 05 29 00-0390	Flat Washers <small>(26 05 29 00-0373)</small>		
26 05 29 00-0391	EA 3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.76	0.28
	For Galvanized, Add	0.03	
26 05 29 00-0392	EA 1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.95	0.28
	For Galvanized, Add	0.06	
26 05 29 00-0393	EA 5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.21	0.28
	For Galvanized, Add	0.12	
26 05 29 00-0394	EA 3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.45	0.57
	For Galvanized, Add	0.17	
26 05 29 00-0395	EA 7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.63	0.57
	For Galvanized, Add	0.20	
26 05 29 00-0396	EA 1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.92	0.57
	For Galvanized, Add	0.24	

26 Electrical**26 05 Common Work Results for Electrical****26 05 29 Hangers and Supports for Electrical Systems**
 MINOR
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 UNIT COST UNIT COST

26 05 29 00-0397	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	2.15	0.57
		<i>For Galvanized, Add</i>	0.27	
26 05 29 00-0398		Malleable Iron Eye Sockets <small>(26 05 29 00-0373)</small>		
		Note: Type 16.		
26 05 29 00-0399	EA	3/8" Rod Size, Malleable Iron Eye Socket	12.37	
26 05 29 00-0400	EA	1/2" Rod Size, Malleable Iron Eye Socket	14.90	
26 05 29 00-0401	EA	5/8" Rod Size, Malleable Iron Eye Socket	26.61	
26 05 29 00-0402	EA	3/4" Rod Size, Malleable Iron Eye Socket	38.30	
26 05 29 00-0403	EA	7/8" Rod Size, Malleable Iron Eye Socket	40.72	
26 05 29 00-0404		Hex Nuts <small>(26 05 29 00-0373)</small>		
26 05 29 00-0405	EA	3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.74	0.28
		<i>For Galvanized, Add</i>	0.02	
26 05 29 00-0406	EA	1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.91	0.28
		<i>For Galvanized, Add</i>	0.05	
26 05 29 00-0407	EA	5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.21	0.28
		<i>For Galvanized, Add</i>	0.12	
26 05 29 00-0408	EA	3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.41	0.57
		<i>For Galvanized, Add</i>	0.16	
26 05 29 00-0409	EA	7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.01	0.57
		<i>For Galvanized, Add</i>	0.29	
26 05 29 00-0410	EA	1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.53	0.57
		<i>For Galvanized, Add</i>	0.40	
26 05 29 00-0411	EA	1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	4.05	0.57
		<i>For Galvanized, Add</i>	0.75	
26 05 29 00-0412		Forged Steel Turnbuckles <small>(26 05 29 00-0373)</small>		
		Note: Type 13.		
26 05 29 00-0413	EA	3/8" Thread Diameter, Forged Steel Turnbuckle Body	29.86	
26 05 29 00-0414	EA	1/2" Thread Diameter, Forged Steel Turnbuckle Body	37.18	
26 05 29 00-0415	EA	5/8" Thread Diameter, Forged Steel Turnbuckle Body	50.35	
26 05 29 00-0416	EA	3/4" Thread Diameter, Forged Steel Turnbuckle Body	62.58	
26 05 29 00-0417	EA	7/8" Thread Diameter, Forged Steel Turnbuckle Body	158.37	
26 05 29 00-0418	EA	1" Thread Diameter, Forged Steel Turnbuckle Body	103.31	
26 05 29 00-0419	EA	1-1/4" Thread Diameter, Forged Steel Turnbuckle Body	211.30	
26 05 29 00-0420		Attachments <small>(26 05 29 00-0372)</small>		
26 05 29 00-0421		Welded Beam Attachments <small>(26 05 29 00-0420)</small>		
		Note: Type 22.		
26 05 29 00-0422	EA	3/8" Rod Size, Welded Beam Attachment	54.45	11.43
26 05 29 00-0423	EA	1/2" Rod Size, Welded Beam Attachment	58.14	12.00
26 05 29 00-0424	EA	5/8" Rod Size, Welded Beam Attachment	61.92	12.68
26 05 29 00-0425	EA	3/4" Rod Size, Welded Beam Attachment	79.79	13.48
26 05 29 00-0426	EA	7/8" Rod Size, Welded Beam Attachment	96.28	14.28
26 05 29 00-0427	EA	1" Rod Size, Welded Beam Attachment	136.02	16.34
26 05 29 00-0428	EA	1-1/8" Rod Size, Welded Beam Attachment	194.34	17.14
26 05 29 00-0429		C-Clamp Style Beam Clamps <small>(26 05 29 00-0420)</small>		
		Note: Type 23. Top or bottom flange mount.		
26 05 29 00-0430	EA	3/8" Rod Size, C-Clamp Style Beam Clamp	18.18	8.59
26 05 29 00-0431	EA	1/2" Rod Size, C-Clamp Style Beam Clamp	21.95	9.16
26 05 29 00-0432	EA	5/8" Rod Size, C-Clamp Style Beam Clamp	25.06	9.81
26 05 29 00-0433	EA	3/4" Rod Size, C-Clamp Style Beam Clamp	32.70	10.56
26 05 29 00-0434	EA	7/8" Rod Size, C-Clamp Style Beam Clamp	48.40	11.45
26 05 29 00-0435		Bottom Mount I-Beam Clamps <small>(26 05 29 00-0420)</small>		
		Note: Type 21. For attaching threaded rod centered under beam flanges.		
26 05 29 00-0436	EA	3/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	53.01	11.45
26 05 29 00-0437	EA	1/2" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	78.95	12.49
26 05 29 00-0438	EA	5/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	113.80	13.74
26 05 29 00-0439	EA	3/4" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	136.49	15.26
26 05 29 00-0440	EA	1" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	335.27	17.17
26 05 29 00-0441		Steel U-Bolts <small>(26 05 29 00-0420)</small>		
		Note: Type 24. Includes plate and nuts.		
26 05 29 00-0442	EA	1/2" Pipe Size, Zinc Plated Steel, U-Bolt	14.85	6.87
26 05 29 00-0443	EA	3/4" Pipe Size, Zinc Plated Steel, U-Bolt	16.16	7.23
26 05 29 00-0444	EA	1" Pipe Size, Zinc Plated Steel, U-Bolt	17.43	7.63
26 05 29 00-0445	EA	1-1/4" Pipe Size, Zinc Plated Steel, U-Bolt	19.95	8.08
26 05 29 00-0446	EA	1-1/2" Pipe Size, Zinc Plated Steel, U-Bolt	20.56	8.59
26 05 29 00-0447	EA	2" Pipe Size, Zinc Plated Steel, U-Bolt	22.00	9.16
26 05 29 00-0448	EA	2-1/2" Pipe Size, Zinc Plated Steel, U-Bolt	32.52	9.81
26 05 29 00-0449	EA	3" Pipe Size, Zinc Plated Steel, U-Bolt	35.90	10.56
26 05 29 00-0450	EA	4" Pipe Size, Zinc Plated Steel, U-Bolt	43.69	11.45
26 05 29 00-0451		Stainless Steel Threaded Rod <small>(26 05 29 00-0372)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 29 00-0452	LF		1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For 316 Stainless Steel, Add</i>	4.04 1.17	0.57
26 05 29 00-0453	LF		5/16" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For 316 Stainless Steel, Add</i>	6.22 2.01	0.63
26 05 29 00-0454	LF		3/8" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For 316 Stainless Steel, Add</i>	8.05 2.68	0.72
26 05 29 00-0455	LF		7/16" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For 316 Stainless Steel, Add</i>	11.32 3.99	0.74
26 05 29 00-0456	LF		1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For 316 Stainless Steel, Add</i>	13.65 4.91	0.76
26 05 29 00-0457	LF		5/8" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For 316 Stainless Steel, Add</i>	20.65 7.74	0.77
26 05 29 00-0458	LF		3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For 316 Stainless Steel, Add</i>	29.07 11.13	0.79
26 05 29 00-0459	LF		7/8" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For 316 Stainless Steel, Add</i>	40.16 15.60	0.81
26 05 29 00-0460	LF		1" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For 316 Stainless Steel, Add</i>	51.65 20.14	0.95
26 05 29 00-0461	LF		1-1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For 316 Stainless Steel, Add</i>	109.77 43.49	1.14

26 05 29 00-0462 Polyvinyl Chloride (PVC) Coated Supports (26 05 29)
 Note: Includes stainless steel and/or Polyvinyl Chloride (PVC) coated hardware.

26 05 29 00-0463 Polyvinyl Chloride (PVC) Coated Beam Clamps (26 05 29 00-0462)

26 05 29 00-0464 Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamps (26 05 29 00-0463)

26 05 29 00-0465	EA		1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp.....	64.59	22.85
26 05 29 00-0466	EA		3/4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp.....	70.17	24.91
26 05 29 00-0467	EA		1", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp.....	74.67	27.42
26 05 29 00-0468	EA		1-1/4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp.....	90.15	30.51
26 05 29 00-0469	EA		1-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp.....	104.38	34.28
26 05 29 00-0470	EA		2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp.....	125.65	37.71
26 05 29 00-0471	EA		2-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp.....	137.43	41.14
26 05 29 00-0472	EA		3", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp.....	151.53	44.56
26 05 29 00-0473	EA		3-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp.....	159.80	47.99
26 05 29 00-0474	EA		4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp.....	172.83	51.42

26 05 29 00-0475 Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamps (26 05 29 00-0463)

26 05 29 00-0476	EA		1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp.....	69.71	22.85
26 05 29 00-0477	EA		3/4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp.....	73.64	24.91
26 05 29 00-0478	EA		1", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp.....	85.06	27.42
26 05 29 00-0479	EA		1-1/4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp.....	93.84	30.51
26 05 29 00-0480	EA		1-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp.....	105.80	34.28
26 05 29 00-0481	EA		2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp.....	123.21	37.71
26 05 29 00-0482	EA		2-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp.....	142.06	41.14
26 05 29 00-0483	EA		3", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp.....	157.66	44.56
26 05 29 00-0484	EA		3-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp.....	167.52	47.99
26 05 29 00-0485	EA		4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp.....	173.87	51.42

26 05 29 00-0486 Edge, Polyvinyl Chloride (PVC) Coated Beam Clamps (26 05 29 00-0463)

26 05 29 00-0487	EA		1/2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp.....	65.59	22.62
26 05 29 00-0488	EA		3/4", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp.....	70.45	24.68
26 05 29 00-0489	EA		1", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp.....	79.89	27.42
26 05 29 00-0490	EA		1-1/4", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp.....	94.20	30.16
26 05 29 00-0491	EA		1-1/2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp.....	123.94	34.28
26 05 29 00-0492	EA		2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp.....	135.86	37.71

26 05 29 00-0493 Polyvinyl Chloride (PVC) Coated Conduit Straps (26 05 29 00-0462)

26 05 29 00-0494 One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Straps (26 05 29 00-0493)

26 05 29 00-0495	EA		1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	8.42	0.68
26 05 29 00-0496	EA		3/4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	9.16	0.68
26 05 29 00-0497	EA		1", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	13.54	0.68
26 05 29 00-0498	EA		1-1/4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	16.49	0.68
26 05 29 00-0499	EA		1-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	21.76	0.68
26 05 29 00-0500	EA		2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	32.76	0.68
26 05 29 00-0501	EA		2-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	43.69	0.68
26 05 29 00-0502	EA		3", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	58.57	0.68
26 05 29 00-0503	EA		3-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	103.78	0.68
26 05 29 00-0504	EA		4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	110.30	0.68

26 05 29 00-0505 Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Straps (26 05 29 00-0493)

26 05 29 00-0506	EA		1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	16.61	1.37
26 05 29 00-0507	EA		3/4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	16.69	1.37
26 05 29 00-0508	EA		1", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	17.13	1.37
26 05 29 00-0509	EA		1-1/4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	21.63	1.37
26 05 29 00-0510	EA		1-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	22.25	1.37
26 05 29 00-0511	EA		2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	25.57	1.37
26 05 29 00-0512	EA		2-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	28.79	1.37
26 05 29 00-0513	EA		3", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	30.12	1.37

26 Electrical**26 05 Common Work Results for Electrical****26 05 29 Hangers and Supports for Electrical Systems**

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 05 29 00-0514	EA	3-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	32.19	1.37
26 05 29 00-0515	EA	4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	34.94	1.37
26 05 29 00-0516		Polyvinyl Chloride (PVC) Coated Clamp Back Spacer (26 05 29 00-0462)		
26 05 29 00-0517		Polyvinyl Chloride (PVC) Coated Clamp Back Spacer (26 05 29 00-0516)		
26 05 29 00-0518	EA	1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	15.04	1.37
26 05 29 00-0519	EA	3/4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	17.55	1.37
26 05 29 00-0520	EA	1" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	22.15	1.37
26 05 29 00-0521	EA	1-1/4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	25.96	1.37
26 05 29 00-0522	EA	1-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	34.87	1.37
26 05 29 00-0523	EA	2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	50.33	1.37
26 05 29 00-0524	EA	2-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	86.10	1.37
26 05 29 00-0525	EA	3" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	117.70	1.37
26 05 29 00-0526	EA	3-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	206.26	1.37
26 05 29 00-0527	EA	4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	206.26	1.37
26 05 29 00-0528		Polyvinyl Chloride (PVC) Coated Threaded Rod And Accessories (26 05 29 00-0462)		
26 05 29 00-0529		Polyvinyl Chloride (PVC) Coated Threaded Rod (26 05 29 00-0528)		
26 05 29 00-0530	LF	3/8" Diameter, Polyvinyl Chloride (PVC) Coated Threaded Rod.....	10.39	0.91
26 05 29 00-0531	LF	1/2" Diameter, Polyvinyl Chloride (PVC) Coated Threaded Rod.....	12.81	1.03
26 05 29 00-0532		Attachments (26 05 29 00-0462)		
26 05 29 00-0533		Polyvinyl Chloride (PVC) Coated U-Bolts And Encapsulation Nuts (26 05 29 00-0532)		
26 05 29 00-0534	EA	1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts.....	19.03	6.87
26 05 29 00-0535	EA	3/4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts.....	19.63	7.21
26 05 29 00-0536	EA	1" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts.....	20.67	7.67
26 05 29 00-0537	EA	1-1/4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	22.00	8.12
26 05 29 00-0538	EA	1-1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	23.44	8.59
26 05 29 00-0539	EA	2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts.....	26.46	9.16
26 05 29 00-0540	EA	2-1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	38.97	9.84
26 05 29 00-0541	EA	3" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts.....	40.81	10.53
26 05 29 00-0542	EA	4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts.....	43.47	11.45
26 05 29 00-0543	EA	5" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts.....	72.18	13.05
26 05 29 00-0544	EA	6" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts.....	89.71	15.11
26 05 29 00-0545		Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamps (26 05 29 00-0532)		
26 05 29 00-0546	EA	1/4", 20 Hole, 15/16" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp	66.35	22.62
26 05 29 00-0547	EA	5/16", 18 Hole, 7/8" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp	78.53	22.62
26 05 29 00-0548	EA	3/8", 16 Hole, 1" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp	83.55	22.62
26 05 29 00-0549	EA	1/2", 13 Hole, 1" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp	92.40	24.00
26 05 29 00-0550	EA	1/2", 13 Hole, 2-1/8" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp	108.36	27.42
26 05 29 00-0551		Polyvinyl Chloride (PVC) Coated Pipe Straps (26 05 29 00-0532)		
Note: Includes stainless steel nuts and bolts.				
26 05 29 00-0552	EA	1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap	22.20	7.54
26 05 29 00-0553	EA	3/4" Polyvinyl Chloride (PVC) Coated Pipe Strap	23.36	8.23
26 05 29 00-0554	EA	1" Polyvinyl Chloride (PVC) Coated Pipe Strap	25.45	8.91
26 05 29 00-0555	EA	1-1/4" Polyvinyl Chloride (PVC) Coated Pipe Strap	28.66	10.28
26 05 29 00-0556	EA	1-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap	32.80	11.66
26 05 29 00-0557	EA	2" Polyvinyl Chloride (PVC) Coated Pipe Strap	36.43	12.34
26 05 29 00-0558	EA	2-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap	40.26	13.71
26 05 29 00-0559	EA	3" Polyvinyl Chloride (PVC) Coated Pipe Strap	47.81	15.09
26 05 29 00-0560	EA	3-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap	52.23	15.77
26 05 29 00-0561	EA	4" Polyvinyl Chloride (PVC) Coated Pipe Strap	54.91	17.14
26 05 29 00-0562	EA	5" Polyvinyl Chloride (PVC) Coated Pipe Strap	58.73	19.19
26 05 29 00-0563		Polyvinyl Chloride (PVC) Coated Channel (26 05 29 00-0462)		
26 05 29 00-0564	LF	A12, Polyvinyl Chloride (PVC) Coated Channel	22.73	3.43
26 05 29 00-0565	LF	A12A, Polyvinyl Chloride (PVC) Coated Channel	40.16	4.80
26 05 29 00-0566	LF	A12P, Polyvinyl Chloride (PVC) Coated Channel	24.25	3.43
26 05 29 00-0567	LF	C14, Polyvinyl Chloride (PVC) Coated Channel	18.04	3.43
26 05 29 00-0568	LF	C14P, Polyvinyl Chloride (PVC) Coated Channel	18.98	3.43
26 05 29 00-0569		Polymer Concrete Pads (26 05 29)		
Note: Excludes excavation and backfill.				
26 05 29 00-0570		Polymer Concrete, Box Pads (26 05 29 00-0569)		
26 05 29 00-0571	EA	24" x 36", 18" Depth, Polymer Concrete, Box Pad.....	1,319.59	120.63
26 05 29 00-0572	EA	25" x 25", 24" Depth, Polymer Concrete, Box Pad.....	1,364.15	120.63
26 05 29 00-0573	EA	40" x 44", 15" Depth, Polymer Concrete, Box Pad.....	1,773.60	120.63
26 05 29 00-0574	EA	40" x 44", 24" Depth, Polymer Concrete, Box Pad.....	1,841.49	120.63
26 05 29 00-0575	EA	52" x 36", 18" Depth, Polymer Concrete, Box Pad.....	1,710.41	120.63
26 05 29 00-0576	EA	44" x 44", 32" Depth, Polymer Concrete, Box Pad.....	2,031.01	120.63
26 05 29 00-0577	EA	40" x 58", 24" Depth, Polymer Concrete, Box Pad.....	2,276.83	120.63
26 05 29 00-0578	EA	52" x 50", 18" Depth, Polymer Concrete, Box Pad.....	2,176.37	150.79
26 05 29 00-0579	EA	74" x 76", 36" Depth, Polymer Concrete, Box Pad.....	3,324.97	150.79

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 29 00-0580	EA		93" x 93", 36" Depth, Polymer Concrete, Box Pad.....	4,479.25	150.79
26 05 29 00-0581 Polymer Concrete, Telecommunications Equipment Pads (26 05 29 00-0569)					
26 05 29 00-0582	EA		42" x 42", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	627.28	61.60
26 05 29 00-0583	EA		48" x 46", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	749.00	61.60
26 05 29 00-0584	EA		60" x 42", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	978.90	90.48
26 05 29 00-0585	EA		54" x 48", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	1,024.14	90.48
26 05 29 00-0586	EA		57" x 60", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	1,484.66	90.48
26 05 29 00-0587	EA		72" x 60", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	1,548.66	90.48
26 05 29 00-0588	EA		64" x 72", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	1,667.92	90.48
26 05 29 00-0589	EA		72" x 64", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	1,667.92	90.48
26 05 29 00-0590	EA		76" x 84", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	3,166.22	90.48
26 05 29 00-0591	EA		96" x 84", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	3,593.74	90.48
26 05 29 00-0592 Polymer Concrete, Electrical Equipment Pads (26 05 29 00-0569)					
26 05 29 00-0593	EA		24" x 25", 2" Thick, Polymer Concrete, Electrical Equipment Pad.....	369.48	61.60
26 05 29 00-0594	EA		24" x 36", 2" Thick, Polymer Concrete, Electrical Equipment Pad.....	400.77	61.60
26 05 29 00-0595	EA		24" x 44", 2" Thick, Polymer Concrete, Electrical Equipment Pad.....	429.27	61.60
26 05 29 00-0596	EA		24" x 58", 2" Thick, Polymer Concrete, Electrical Equipment Pad.....	523.96	61.60
26 05 29 00-0597	EA		40" x 40", 3" Thick, Polymer Concrete, Electrical Equipment Pad.....	481.70	61.60
26 05 29 00-0598	EA		42" x 42", 3" Thick, Polymer Concrete, Electrical Equipment Pad.....	501.61	61.60
26 05 29 00-0599	EA		48" x 42", 4" Thick, Polymer Concrete, Electrical Equipment Pad.....	553.23	61.60
26 05 29 00-0600	EA		48" x 46", 3" Thick, Polymer Concrete, Electrical Equipment Pad.....	583.34	61.60
26 05 29 00-0601	EA		54" x 48", 4" Thick, Polymer Concrete, Electrical Equipment Pad.....	683.90	61.60
26 05 29 00-0602	EA		56" x 44", 3" Thick, Polymer Concrete, Electrical Equipment Pad.....	849.54	61.60
26 05 29 00-0603	EA		64" x 64", 4" Thick, Polymer Concrete, Electrical Equipment Pad.....	1,262.79	90.48
26 05 29 00-0604	EA		66" x 72", 4" Thick, Polymer Concrete, Electrical Equipment Pad.....	1,323.34	90.48
26 05 29 00-0605	EA		75" x 52", 4" Thick, Polymer Concrete, Electrical Equipment Pad.....	1,342.43	90.48
26 05 29 00-0606	EA		90" x 48", 4" Thick, Polymer Concrete, Electrical Equipment Pad.....	1,469.70	90.48
26 05 29 00-0607	EA		84" x 96", 4" Thick, Polymer Concrete, Electrical Equipment Pad.....	3,171.97	90.48
26 05 29 00-0608	EA		96" x 80", 4" Thick, Polymer Concrete, Electrical Equipment Pad.....	3,742.15	90.48

26 05 33 Raceway and Boxes for Electrical Systems (26 05)

26 05 33 13 Conduit for Electrical Systems (26 05 33)

26 05 33 13-0001 Conduit Assemblies With Wire (26 05 33 13)

Note: Includes conduit, fittings and wire. Excludes hangers or supports.

26 05 33 13-0002 Electrical Metallic Tubing (EMT) Conduit Assemblies (26 05 33 13-0001)

Note: Includes conduit, field bends, set screw connectors, set screw couplings, straps, and copper wire as indicated. Per CLF. See CSI section 26 05 19 16-0561 for larger copper conductor, 26 05 33 13-0598 for larger EMT conduit.

26 05 33 13-0003	CLF		1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor.....	893.09	255.13
			Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
			<i>For Work In Restricted Working Space, Add</i>	218.72	
			<i>For 2 #12 THWN Conductor Instead Of THHN, Add</i>	1.97	
26 05 33 13-0004	CLF		1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor.....	975.39	277.05
			Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
			<i>For Work In Restricted Working Space, Add</i>	237.50	
			<i>For 3 #12 THWN Conductor Instead Of THHN, Add</i>	2.95	
26 05 33 13-0005	CLF		1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor.....	1,057.71	298.97
			Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
			<i>For Work In Restricted Working Space, Add</i>	256.30	
			<i>For 4 #12 THWN Conductor Instead Of THHN, Add</i>	3.94	
26 05 33 13-0006	CLF		1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor.....	944.18	266.09
			Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
			<i>For Work In Restricted Working Space, Add</i>	228.11	
			<i>For 2 #10 THWN Conductor Instead Of THHN, Add</i>	2.95	
26 05 33 13-0007	CLF		1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor.....	1,046.81	291.67
			Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
			<i>For Work In Restricted Working Space, Add</i>	250.03	
			<i>For 3 #10 THWN Conductor Instead Of THHN, Add</i>	4.42	
26 05 33 13-0008	CLF		1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor.....	1,060.47	288.01
			Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
			<i>For Work In Restricted Working Space, Add</i>	246.90	
			<i>For 2 #8 THWN Conductor Instead Of THHN, Add</i>	5.14	
26 05 33 13-0009	CLF		3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor.....	1,006.12	275.06
			Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
			<i>For Work In Restricted Working Space, Add</i>	235.75	
			<i>For 2 #12 THWN Conductor Instead Of THHN, Add</i>	1.97	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-0010	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,088.44	296.99
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	254.54	
		<i>For 3 #12 THWN Conductor Instead Of THHN, Add</i>	2.95	
26 05 33 13-0011	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,170.73	318.91
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	273.33	
26 05 33 13-0012	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,253.05	340.83
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	292.12	
		<i>For 5 #12 THWN Conductor Instead Of THHN, Add</i>	4.92	
26 05 33 13-0013	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,057.20	286.02
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	245.15	
		<i>For 2 #10 THWN Conductor Instead Of THHN, Add</i>	2.95	
26 05 33 13-0014	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,159.84	311.60
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	267.07	
		<i>For 3 #10 THWN Conductor Instead Of THHN, Add</i>	4.42	
26 05 33 13-0015	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,262.47	337.18
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	288.99	
		<i>For 4 #10 THWN Conductor Instead Of THHN, Add</i>	5.90	
26 05 33 13-0016	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,365.09	362.75
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	310.91	
		<i>For 5 #10 THWN Conductor Instead Of THHN, Add</i>	7.37	
26 05 33 13-0017	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,318.90	340.83
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	292.12	
		<i>For 3 #8 THWN Conductor Instead Of THHN, Add</i>	7.72	
26 05 33 13-0018	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,464.29	373.72
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	320.31	
		<i>For 4 #8 THWN Conductor Instead Of THHN, Add</i>	10.29	
26 05 33 13-0019	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,325.25	329.87
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	282.73	
		<i>For 2 #6 THWN Conductor Instead Of THHN, Add</i>	8.51	
26 05 33 13-0020	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,525.14	370.06
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	317.18	
		<i>For 3 #6 THWN Conductor Instead Of THHN, Add</i>	12.76	
26 05 33 13-0021	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,171.39	296.05
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	253.79	
		<i>For 2 #12 THWN Conductor Instead Of THHN, Add</i>	1.97	
26 05 33 13-0022	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,253.69	317.97
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	272.58	
		<i>For 3 #12 THWN Conductor Instead Of THHN, Add</i>	2.95	
26 05 33 13-0023	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,336.01	339.89
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	291.37	
26 05 33 13-0024	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,418.31	361.81
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	310.16	
		<i>For 5 #12 THWN Conductor Instead Of THHN, Add</i>	4.92	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0025 CLF 1" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 2 #10 THWN Conductor Instead Of THHN, Add</i>	1,222.47 263.18 2.95	307.01
26 05 33 13-0026 CLF 1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #10 THWN Conductor Instead Of THHN, Add</i>	1,325.10 285.11 4.42	332.59
26 05 33 13-0027 CLF 1" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 4 #10 THWN Conductor Instead Of THHN, Add</i>	1,427.73 307.03 5.90	358.15
26 05 33 13-0028 CLF 1" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 5 #10 THWN Conductor Instead Of THHN, Add</i>	1,530.36 328.95 7.37	383.73
26 05 33 13-0029 CLF 1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #8 THWN Conductor Instead Of THHN, Add</i>	1,484.16 310.16 7.72	361.81
26 05 33 13-0030 CLF 1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #6 THWN Conductor Instead Of THHN, Add</i>	1,690.41 335.21 12.76	391.04
26 05 33 13-0031 CLF 1" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 4 #6 THWN Conductor Instead Of THHN, Add</i>	1,890.30 369.66 17.01	431.23
26 05 33 13-0032 Rigid Galvanized Steel (RGS) Conduit Assemblies <small>(26 05 33 13-0001)</small> Note: Includes conduit, field bends, terminations, straps, and copper wire as indicated. Per CLF. See CSI section 26 05 19 16-0561 for larger copper conductor, 26 05 33 13-0059 for larger RGS conduit.		
26 05 33 13-0033 CLF 1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 2 #12 THWN Conductor Instead Of THHN, Add</i>	1,224.45 248.91 1.97	290.41
26 05 33 13-0034 CLF 1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #12 THWN Conductor Instead Of THHN, Add</i>	1,306.75 267.69 2.95	312.33
26 05 33 13-0035 CLF 1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 2 #10 THWN Conductor Instead Of THHN, Add</i>	1,275.53 258.30 2.95	301.37
26 05 33 13-0036 CLF 1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #10 THWN Conductor Instead Of THHN, Add</i>	1,378.16 280.22 4.42	326.94
26 05 33 13-0037 CLF 1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 2 #8 THWN Conductor Instead Of THHN, Add</i>	1,391.82 277.09 5.14	323.29
26 05 33 13-0038 CLF 3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 2 #12 THWN Conductor Instead Of THHN, Add</i>	1,358.20 265.44 1.97	309.72
26 05 33 13-0039 CLF 3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #12 THWN Conductor Instead Of THHN, Add</i>	1,440.51 284.23 2.95	331.64
26 05 33 13-0040 CLF 3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	1,522.81 303.02	353.56
26 05 33 13-0041 CLF 3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 2 #10 THWN Conductor Instead Of THHN, Add</i>	1,409.29 274.84 2.95	320.68

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-0042	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,511.91	346.25
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	296.75	
		<i>For 3 #10 THWN Conductor Instead Of THHN, Add</i>	4.42	
26 05 33 13-0043	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,614.55	371.83
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	318.68	
		<i>For 4 #10 THWN Conductor Instead Of THHN, Add</i>	5.90	
26 05 33 13-0044	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,670.98	375.48
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	321.81	
		<i>For 3 #8 THWN Conductor Instead Of THHN, Add</i>	7.72	
26 05 33 13-0045	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,816.38	408.37
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	350.00	
		<i>For 4 #8 THWN Conductor Instead Of THHN, Add</i>	10.29	
26 05 33 13-0046	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,677.34	364.52
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	312.42	
		<i>For 2 #6 THWN Conductor Instead Of THHN, Add</i>	8.51	
26 05 33 13-0047	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,877.23	404.72
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	346.86	
		<i>For 3 #6 THWN Conductor Instead Of THHN, Add</i>	12.76	
26 05 33 13-0048	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,776.45	369.85
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	317.02	
		<i>For 3 #12 THWN Conductor Instead Of THHN, Add</i>	2.95	
26 05 33 13-0049	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,858.77	391.78
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	335.81	
26 05 33 13-0050	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 5 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,941.06	413.69
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	354.60	
		<i>For 5 #12 THWN Conductor Instead Of THHN, Add</i>	4.92	
26 05 33 13-0051	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,847.86	384.47
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	329.54	
		<i>For 3 #10 THWN Conductor Instead Of THHN, Add</i>	4.42	
26 05 33 13-0052	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,950.49	410.03
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	351.47	
		<i>For 4 #10 THWN Conductor Instead Of THHN, Add</i>	5.90	
26 05 33 13-0053	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 5 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	2,053.11	435.61
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	373.39	
		<i>For 5 #10 THWN Conductor Instead Of THHN, Add</i>	7.37	
26 05 33 13-0054	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	2,006.92	413.69
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	354.60	
		<i>For 3 #8 THWN Conductor Instead Of THHN, Add</i>	7.72	
26 05 33 13-0055	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	2,213.17	442.92
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	379.65	
		<i>For 3 #6 THWN Conductor Instead Of THHN, Add</i>	12.76	
26 05 33 13-0056	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	2,413.05	483.11
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	414.10	
		<i>For 4 #6 THWN Conductor Instead Of THHN, Add</i>	17.01	

26 05 33 13-0057 Conduit^(26 05 33 13)
 Note: Where 4-1/2" conduit is required, use tasks for 5" conduit. Add couplings as required at each fitting.

26 05 33 13-0058 Conduit Installed Above Grade^(26 05 33 13-0057)
 See CSI section 26 05 29 00-0000 for supporting strap, hanger and fastening.

26 05 33 13-0059 Rigid Galvanized Steel (RGS) Or Galvanized Rigid Steel Conduit (GRC) Conduit^(26 05 33 13-0058)

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-0060 Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling^(26 05 33 13-0059)
 Note: Includes field bending for conduit up to 1".

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0061	LF 1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling		8.98	2.30
	For Work In Restricted Working Space, Add		1.73	
	For Elevated Installation >10' To 15', Add		0.58	
	For Elevated Installation >15' To 20', Add		1.15	
	For Elevated Installation >20' To 25', Add		1.44	
	For Elevated Installation >25' To 30', Add		2.01	
	For Elevated Installation >30' To 35', Add		2.30	
	For Elevated Installation >35' To 40', Add		2.88	
	For >40' To 500, Deduct		3.16	
	For >500 To 1,000, Deduct		-0.16	
	For >1,000, Deduct		-0.53	
	For Installation In Metal Stud Wall, Add		-0.75	
	For Installation In Wood Stud Wall (Includes Drilling), Add		0.58	
	For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add		1.44	
			0.86	
26 05 33 13-0062	LF 3/4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling		10.67	2.51
	For Work In Restricted Working Space, Add		2.00	
	For Elevated Installation >10' To 15', Add		0.67	
	For Elevated Installation >15' To 20', Add		1.34	
	For Elevated Installation >20' To 25', Add		1.67	
	For Elevated Installation >25' To 30', Add		2.34	
	For Elevated Installation >30' To 35', Add		2.67	
	For Elevated Installation >35' To 40', Add		3.34	
	For >40' To 500, Deduct		3.67	
	For >500 To 1,000, Deduct		-0.20	
	For >1,000, Deduct		-0.63	
	For Installation In Metal Stud Wall, Add		-0.90	
	For Installation In Wood Stud Wall (Includes Drilling), Add		0.67	
	For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add		1.67	
			1.00	
26 05 33 13-0063	LF 1" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling		15.14	2.93
	For Work In Restricted Working Space, Add		2.69	
	For Elevated Installation >10' To 15', Add		0.90	
	For Elevated Installation >15' To 20', Add		1.79	
	For Elevated Installation >20' To 25', Add		2.24	
	For Elevated Installation >25' To 30', Add		3.14	
	For Elevated Installation >30' To 35', Add		3.59	
	For Elevated Installation >35' To 40', Add		4.49	
	For >40' To 500, Deduct		4.93	
	For >500 To 1,000, Deduct		-0.31	
	For >1,000, Deduct		-0.91	
	For Installation In Metal Stud Wall, Add		-1.29	
	For Installation In Wood Stud Wall (Includes Drilling), Add		0.90	
	For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add		2.24	
			1.35	
26 05 33 13-0064	LF 1-1/4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling		17.73	3.34
	For Work In Restricted Working Space, Add		2.85	
	For Elevated Installation >10' To 15', Add		0.95	
	For Elevated Installation >15' To 20', Add		1.90	
	For Elevated Installation >20' To 25', Add		2.38	
	For Elevated Installation >25' To 30', Add		3.33	
	For Elevated Installation >30' To 35', Add		3.80	
	For Elevated Installation >35' To 40', Add		4.75	
	For >40' To 500, Deduct		5.23	
	For >500 To 1,000, Deduct		-0.41	
	For >1,000, Deduct		-1.09	
	For Installation In Metal Stud Wall, Add		-1.54	
	For Installation In Wood Stud Wall (Includes Drilling), Add		0.95	
	For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add		2.38	
			1.43	
26 05 33 13-0065	LF 1-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling		20.52	3.76
	For Work In Restricted Working Space, Add		3.13	
	For Elevated Installation >10' To 15', Add		1.04	
	For Elevated Installation >15' To 20', Add		2.09	
	For Elevated Installation >20' To 25', Add		2.61	
	For Elevated Installation >25' To 30', Add		3.65	
	For Elevated Installation >30' To 35', Add		4.18	
	For Elevated Installation >35' To 40', Add		5.22	
	For >40' To 500, Deduct		5.74	
	For >500 To 1,000, Deduct		-0.50	
	For >1,000, Deduct		-1.28	
	For Installation In Metal Stud Wall, Add		-1.79	
	For Installation In Wood Stud Wall (Includes Drilling), Add		1.04	
	For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add		2.61	
			1.57	
26 05 33 13-0066	LF 2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling		26.32	4.59
	For Work In Restricted Working Space, Add		3.85	
	For Elevated Installation >10' To 15', Add		1.28	
	For Elevated Installation >15' To 20', Add		2.57	
	For Elevated Installation >20' To 25', Add		3.21	
	For Elevated Installation >25' To 30', Add		4.49	
	For Elevated Installation >30' To 35', Add		5.14	
	For Elevated Installation >35' To 40', Add		6.42	
	For >40' To 500, Deduct		7.06	
	For >500 To 1,000, Deduct		-0.67	
	For >1,000, Deduct		-1.65	
	For Installation In Metal Stud Wall, Add		-2.31	
	For Installation In Wood Stud Wall (Includes Drilling), Add		1.28	
	For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add		3.21	
			1.93	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0067	LF		2-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	39.78	6.27
			<i>For Work In Restricted Working Space, Add</i>	5.23	
			<i>For Elevated Installation >10' To 15', Add</i>	1.74	
			<i>For Elevated Installation >15' To 20', Add</i>	3.49	
			<i>For Elevated Installation >20' To 25', Add</i>	4.36	
			<i>For Elevated Installation >25' To 30', Add</i>	6.10	
			<i>For Elevated Installation >30' To 35', Add</i>	6.98	
			<i>For Elevated Installation >35' To 40', Add</i>	8.72	
			<i>For Elevated Installation >40', Add</i>	9.59	
			<i>For >250 To 500, Deduct</i>	-1.12	
			<i>For >500 To 1,000, Deduct</i>	-2.55	
			<i>For >1,000, Deduct</i>	-3.54	
			<i>For Installation In Metal Stud Wall, Add</i>	1.74	
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	4.36	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	2.62	
26 05 33 13-0068	LF		3" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	51.91	8.35
			<i>For Work In Restricted Working Space, Add</i>	7.04	
			<i>For Elevated Installation >10' To 15', Add</i>	2.35	
			<i>For Elevated Installation >15' To 20', Add</i>	4.70	
			<i>For Elevated Installation >20' To 25', Add</i>	5.87	
			<i>For Elevated Installation >25' To 30', Add</i>	8.22	
			<i>For Elevated Installation >30' To 35', Add</i>	9.39	
			<i>For Elevated Installation >35' To 40', Add</i>	11.74	
			<i>For Elevated Installation >40', Add</i>	12.91	
			<i>For >250 To 500, Deduct</i>	-1.42	
			<i>For >500 To 1,000, Deduct</i>	-3.31	
			<i>For >1,000, Deduct</i>	-4.60	
			<i>For Installation In Metal Stud Wall, Add</i>	2.35	
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	5.87	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	3.52	
26 05 33 13-0069	LF		3-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	62.57	10.44
			<i>For Work In Restricted Working Space, Add</i>	8.36	
			<i>For Elevated Installation >10' To 15', Add</i>	2.79	
			<i>For Elevated Installation >15' To 20', Add</i>	5.58	
			<i>For Elevated Installation >20' To 25', Add</i>	6.97	
			<i>For Elevated Installation >25' To 30', Add</i>	9.76	
			<i>For Elevated Installation >30' To 35', Add</i>	11.15	
			<i>For Elevated Installation >35' To 40', Add</i>	13.94	
			<i>For Elevated Installation >40', Add</i>	15.33	
			<i>For >250 To 500, Deduct</i>	-1.73	
			<i>For >500 To 1,000, Deduct</i>	-4.00	
			<i>For >1,000, Deduct</i>	-5.56	
			<i>For Installation In Metal Stud Wall, Add</i>	2.79	
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	6.97	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	4.18	
26 05 33 13-0070	LF		4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	74.54	12.52
			<i>For Work In Restricted Working Space, Add</i>	9.65	
			<i>For Elevated Installation >10' To 15', Add</i>	3.22	
			<i>For Elevated Installation >15' To 20', Add</i>	6.43	
			<i>For Elevated Installation >20' To 25', Add</i>	8.04	
			<i>For Elevated Installation >25' To 30', Add</i>	11.26	
			<i>For Elevated Installation >30' To 35', Add</i>	12.86	
			<i>For Elevated Installation >35' To 40', Add</i>	16.08	
			<i>For Elevated Installation >40', Add</i>	17.69	
			<i>For >250 To 500, Deduct</i>	-2.12	
			<i>For >500 To 1,000, Deduct</i>	-4.79	
			<i>For >1,000, Deduct</i>	-6.65	
			<i>For Installation In Metal Stud Wall, Add</i>	3.22	
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	8.04	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	4.82	
26 05 33 13-0071	LF		5" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	121.49	15.86
			<i>For Work In Restricted Working Space, Add</i>	11.90	
			<i>For Elevated Installation >10' To 15', Add</i>	3.97	
			<i>For Elevated Installation >15' To 20', Add</i>	7.93	
			<i>For Elevated Installation >20' To 25', Add</i>	9.92	
			<i>For Elevated Installation >25' To 30', Add</i>	13.88	
			<i>For Elevated Installation >30' To 35', Add</i>	15.87	
			<i>For Elevated Installation >35' To 40', Add</i>	19.84	
			<i>For Elevated Installation >40', Add</i>	21.82	
			<i>For >250 To 500, Deduct</i>	-4.09	
			<i>For >500 To 1,000, Deduct</i>	-8.12	
			<i>For >1,000, Deduct</i>	-11.16	
			<i>For Installation In Metal Stud Wall, Add</i>	3.97	
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	9.92	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	5.95	
26 05 33 13-0072	LF		6" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	165.11	20.04
			<i>For Work In Restricted Working Space, Add</i>	15.03	
			<i>For Elevated Installation >10' To 15', Add</i>	5.01	
			<i>For Elevated Installation >15' To 20', Add</i>	10.02	
			<i>For Elevated Installation >20' To 25', Add</i>	12.53	
			<i>For Elevated Installation >25' To 30', Add</i>	17.54	
			<i>For Elevated Installation >30' To 35', Add</i>	20.04	
			<i>For Elevated Installation >35' To 40', Add</i>	25.06	
			<i>For Elevated Installation >40', Add</i>	27.56	
			<i>For >250 To 500, Deduct</i>	-5.75	
			<i>For >500 To 1,000, Deduct</i>	-11.13	
			<i>For >1,000, Deduct</i>	-15.26	
			<i>For Installation In Metal Stud Wall, Add</i>	5.01	
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	12.53	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	7.52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-0073 Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow <small>(26 05 33 13-0059)</small>		
<small>See CSI section 26 05 33 13-2318 for conduit field bending.</small>		
26 05 33 13-0074 EA 1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	31.42	10.34
<i>For Work In Restricted Working Space, Add</i>		
<i>For Elevated Installation >10' To 15', Add</i>	7.78	
<i>For Elevated Installation >15' To 20', Add</i>	2.59	
<i>For Elevated Installation >20' To 25', Add</i>	5.18	
<i>For Elevated Installation >25' To 30', Add</i>	6.48	
<i>For Elevated Installation >30' To 35', Add</i>	9.07	
<i>For Elevated Installation >35' To 40', Add</i>	10.37	
<i>For Elevated Installation >40', Add</i>	12.96	
<i>For Elevated Installation >40', Add</i>	14.26	
26 05 33 13-0075 EA 3/4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	39.48	12.84
<i>For Work In Restricted Working Space, Add</i>		
<i>For Elevated Installation >10' To 15', Add</i>	9.67	
<i>For Elevated Installation >15' To 20', Add</i>	3.22	
<i>For Elevated Installation >20' To 25', Add</i>	6.45	
<i>For Elevated Installation >25' To 30', Add</i>	8.06	
<i>For Elevated Installation >30' To 35', Add</i>	11.28	
<i>For Elevated Installation >35' To 40', Add</i>	12.89	
<i>For Elevated Installation >40', Add</i>	16.12	
<i>For Elevated Installation >40', Add</i>	17.73	
26 05 33 13-0076 EA 1" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	50.46	15.76
<i>For Work In Restricted Working Space, Add</i>		
<i>For Elevated Installation >10' To 15', Add</i>	11.79	
<i>For Elevated Installation >15' To 20', Add</i>	3.93	
<i>For Elevated Installation >20' To 25', Add</i>	7.86	
<i>For Elevated Installation >25' To 30', Add</i>	9.83	
<i>For Elevated Installation >30' To 35', Add</i>	13.76	
<i>For Elevated Installation >35' To 40', Add</i>	15.72	
<i>For Elevated Installation >40', Add</i>	19.65	
<i>For Elevated Installation >40', Add</i>	21.62	
26 05 33 13-0077 EA 1-1/4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	64.72	18.27
<i>For Work In Restricted Working Space, Add</i>		
<i>For Elevated Installation >10' To 15', Add</i>	13.69	
<i>For Elevated Installation >15' To 20', Add</i>	4.56	
<i>For Elevated Installation >20' To 25', Add</i>	9.13	
<i>For Elevated Installation >25' To 30', Add</i>	11.41	
<i>For Elevated Installation >30' To 35', Add</i>	15.97	
<i>For Elevated Installation >35' To 40', Add</i>	18.25	
<i>For Elevated Installation >40', Add</i>	22.82	
<i>For Elevated Installation >40', Add</i>	25.10	
26 05 33 13-0078 EA 1-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	75.13	20.99
<i>For Work In Restricted Working Space, Add</i>		
<i>For Elevated Installation >10' To 15', Add</i>	15.71	
<i>For Elevated Installation >15' To 20', Add</i>	5.24	
<i>For Elevated Installation >20' To 25', Add</i>	10.47	
<i>For Elevated Installation >25' To 30', Add</i>	13.09	
<i>For Elevated Installation >30' To 35', Add</i>	18.33	
<i>For Elevated Installation >35' To 40', Add</i>	20.95	
<i>For Elevated Installation >40', Add</i>	26.19	
<i>For Elevated Installation >40', Add</i>	28.80	
26 05 33 13-0079 EA 2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	88.91	23.07
<i>For Work In Restricted Working Space, Add</i>		
<i>For Elevated Installation >10' To 15', Add</i>	17.29	
<i>For Elevated Installation >15' To 20', Add</i>	5.76	
<i>For Elevated Installation >20' To 25', Add</i>	11.52	
<i>For Elevated Installation >25' To 30', Add</i>	14.41	
<i>For Elevated Installation >30' To 35', Add</i>	20.17	
<i>For Elevated Installation >35' To 40', Add</i>	23.05	
<i>For Elevated Installation >40', Add</i>	28.81	
<i>For Elevated Installation >40', Add</i>	31.69	
26 05 33 13-0080 EA 2-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	127.78	28.81
<i>For Work In Restricted Working Space, Add</i>		
<i>For Elevated Installation >10' To 15', Add</i>	21.61	
<i>For Elevated Installation >15' To 20', Add</i>	7.20	
<i>For Elevated Installation >20' To 25', Add</i>	14.40	
<i>For Elevated Installation >25' To 30', Add</i>	18.01	
<i>For Elevated Installation >30' To 35', Add</i>	25.21	
<i>For Elevated Installation >35' To 40', Add</i>	28.81	
<i>For Elevated Installation >40', Add</i>	36.01	
<i>For Elevated Installation >40', Add</i>	39.61	
26 05 33 13-0081 EA 3" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	181.13	39.25
<i>For Work In Restricted Working Space, Add</i>		
<i>For Elevated Installation >10' To 15', Add</i>	29.43	
<i>For Elevated Installation >15' To 20', Add</i>	9.81	
<i>For Elevated Installation >20' To 25', Add</i>	19.62	
<i>For Elevated Installation >25' To 30', Add</i>	24.53	
<i>For Elevated Installation >30' To 35', Add</i>	34.34	
<i>For Elevated Installation >35' To 40', Add</i>	39.24	
<i>For Elevated Installation >40', Add</i>	49.06	
<i>For Elevated Installation >40', Add</i>	53.96	
26 05 33 13-0082 EA 3-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	240.46	44.26
<i>For Work In Restricted Working Space, Add</i>		
<i>For Elevated Installation >10' To 15', Add</i>	33.20	
<i>For Elevated Installation >15' To 20', Add</i>	11.07	
<i>For Elevated Installation >20' To 25', Add</i>	22.13	
<i>For Elevated Installation >25' To 30', Add</i>	27.67	
<i>For Elevated Installation >30' To 35', Add</i>	38.73	
<i>For Elevated Installation >35' To 40', Add</i>	44.27	
<i>For Elevated Installation >40', Add</i>	55.34	
<i>For Elevated Installation >40', Add</i>	60.87	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0083	EA 4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	293.60	57.63
	<i>For Work In Restricted Working Space, Add</i>	43.21	
	<i>For Elevated Installation >10' To 15', Add</i>	14.40	
	<i>For Elevated Installation >15' To 20', Add</i>	28.81	
	<i>For Elevated Installation >20' To 25', Add</i>	36.01	
	<i>For Elevated Installation >25' To 30', Add</i>	50.41	
	<i>For Elevated Installation >30' To 35', Add</i>	57.61	
	<i>For Elevated Installation >35' To 40', Add</i>	72.02	
	<i>For Elevated Installation >40', Add</i>	79.22	
26 05 33 13-0084	EA 5" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	480.30	93.95
	<i>For Work In Restricted Working Space, Add</i>	70.46	
	<i>For Elevated Installation >10' To 15', Add</i>	23.49	
	<i>For Elevated Installation >15' To 20', Add</i>	46.98	
	<i>For Elevated Installation >20' To 25', Add</i>	58.72	
	<i>For Elevated Installation >25' To 30', Add</i>	82.21	
	<i>For Elevated Installation >30' To 35', Add</i>	93.95	
	<i>For Elevated Installation >35' To 40', Add</i>	117.44	
	<i>For Elevated Installation >40', Add</i>	129.18	
26 05 33 13-0085	EA 6" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	722.09	141.13
	<i>For Work In Restricted Working Space, Add</i>	105.84	
	<i>For Elevated Installation >10' To 15', Add</i>	35.28	
	<i>For Elevated Installation >15' To 20', Add</i>	70.56	
	<i>For Elevated Installation >20' To 25', Add</i>	88.20	
	<i>For Elevated Installation >25' To 30', Add</i>	123.48	
	<i>For Elevated Installation >30' To 35', Add</i>	141.12	
	<i>For Elevated Installation >35' To 40', Add</i>	176.41	
	<i>For Elevated Installation >40', Add</i>	194.05	
26 05 33 13-0086	Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow <small>(26 05 33 13-0059)</small>		
	See CSI section 26 05 33 13-2318 for conduit field bending.		
26 05 33 13-0087	EA 1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	31.42	10.34
	<i>For Work In Restricted Working Space, Add</i>	7.78	
	<i>For Elevated Installation >10' To 15', Add</i>	2.59	
	<i>For Elevated Installation >15' To 20', Add</i>	5.18	
	<i>For Elevated Installation >20' To 25', Add</i>	6.48	
	<i>For Elevated Installation >25' To 30', Add</i>	9.07	
	<i>For Elevated Installation >30' To 35', Add</i>	10.37	
	<i>For Elevated Installation >35' To 40', Add</i>	12.96	
	<i>For Elevated Installation >40', Add</i>	14.26	
26 05 33 13-0088	EA 3/4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	39.48	12.84
	<i>For Work In Restricted Working Space, Add</i>	9.67	
	<i>For Elevated Installation >10' To 15', Add</i>	3.22	
	<i>For Elevated Installation >15' To 20', Add</i>	6.45	
	<i>For Elevated Installation >20' To 25', Add</i>	8.06	
	<i>For Elevated Installation >25' To 30', Add</i>	11.28	
	<i>For Elevated Installation >30' To 35', Add</i>	12.89	
	<i>For Elevated Installation >35' To 40', Add</i>	16.12	
	<i>For Elevated Installation >40', Add</i>	17.73	
26 05 33 13-0089	EA 1" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	50.46	15.76
	<i>For Work In Restricted Working Space, Add</i>	11.79	
	<i>For Elevated Installation >10' To 15', Add</i>	3.93	
	<i>For Elevated Installation >15' To 20', Add</i>	7.86	
	<i>For Elevated Installation >20' To 25', Add</i>	9.83	
	<i>For Elevated Installation >25' To 30', Add</i>	13.76	
	<i>For Elevated Installation >30' To 35', Add</i>	15.72	
	<i>For Elevated Installation >35' To 40', Add</i>	19.65	
	<i>For Elevated Installation >40', Add</i>	21.62	
26 05 33 13-0090	EA 1-1/4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	64.72	18.27
	<i>For Work In Restricted Working Space, Add</i>	13.69	
	<i>For Elevated Installation >10' To 15', Add</i>	4.56	
	<i>For Elevated Installation >15' To 20', Add</i>	9.13	
	<i>For Elevated Installation >20' To 25', Add</i>	11.41	
	<i>For Elevated Installation >25' To 30', Add</i>	15.97	
	<i>For Elevated Installation >30' To 35', Add</i>	18.25	
	<i>For Elevated Installation >35' To 40', Add</i>	22.82	
	<i>For Elevated Installation >40', Add</i>	25.10	
26 05 33 13-0091	EA 1-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	75.13	20.99
	<i>For Work In Restricted Working Space, Add</i>	15.71	
	<i>For Elevated Installation >10' To 15', Add</i>	5.24	
	<i>For Elevated Installation >15' To 20', Add</i>	10.47	
	<i>For Elevated Installation >20' To 25', Add</i>	13.09	
	<i>For Elevated Installation >25' To 30', Add</i>	18.33	
	<i>For Elevated Installation >30' To 35', Add</i>	20.95	
	<i>For Elevated Installation >35' To 40', Add</i>	26.19	
	<i>For Elevated Installation >40', Add</i>	28.80	
26 05 33 13-0092	EA 2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	88.91	23.07
	<i>For Work In Restricted Working Space, Add</i>	17.29	
	<i>For Elevated Installation >10' To 15', Add</i>	5.76	
	<i>For Elevated Installation >15' To 20', Add</i>	11.52	
	<i>For Elevated Installation >20' To 25', Add</i>	14.41	
	<i>For Elevated Installation >25' To 30', Add</i>	20.17	
	<i>For Elevated Installation >30' To 35', Add</i>	23.05	
	<i>For Elevated Installation >35' To 40', Add</i>	28.81	
	<i>For Elevated Installation >40', Add</i>	31.69	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-0093	EA		2-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	125.52	28.81
			<i>For Work In Restricted Working Space, Add</i>	21.61	
			<i>For Elevated Installation >10' To 15', Add</i>	7.20	
			<i>For Elevated Installation >15' To 20', Add</i>	14.40	
			<i>For Elevated Installation >20' To 25', Add</i>	18.01	
			<i>For Elevated Installation >25' To 30', Add</i>	25.21	
			<i>For Elevated Installation >30' To 35', Add</i>	28.81	
			<i>For Elevated Installation >35' To 40', Add</i>	36.01	
			<i>For Elevated Installation >40', Add</i>	39.61	
26 05 33 13-0094	EA		3" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	172.31	39.25
			<i>For Work In Restricted Working Space, Add</i>	29.43	
			<i>For Elevated Installation >10' To 15', Add</i>	9.81	
			<i>For Elevated Installation >15' To 20', Add</i>	19.62	
			<i>For Elevated Installation >20' To 25', Add</i>	24.53	
			<i>For Elevated Installation >25' To 30', Add</i>	34.34	
			<i>For Elevated Installation >30' To 35', Add</i>	39.24	
			<i>For Elevated Installation >35' To 40', Add</i>	49.06	
			<i>For Elevated Installation >40', Add</i>	53.96	
26 05 33 13-0095	EA		3-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	228.06	44.26
			<i>For Work In Restricted Working Space, Add</i>	33.20	
			<i>For Elevated Installation >10' To 15', Add</i>	11.07	
			<i>For Elevated Installation >15' To 20', Add</i>	22.13	
			<i>For Elevated Installation >20' To 25', Add</i>	27.67	
			<i>For Elevated Installation >25' To 30', Add</i>	38.73	
			<i>For Elevated Installation >30' To 35', Add</i>	44.27	
			<i>For Elevated Installation >35' To 40', Add</i>	55.34	
			<i>For Elevated Installation >40', Add</i>	60.87	
26 05 33 13-0096	EA		4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	277.11	57.63
			<i>For Work In Restricted Working Space, Add</i>	43.21	
			<i>For Elevated Installation >10' To 15', Add</i>	14.40	
			<i>For Elevated Installation >15' To 20', Add</i>	28.81	
			<i>For Elevated Installation >20' To 25', Add</i>	36.01	
			<i>For Elevated Installation >25' To 30', Add</i>	50.41	
			<i>For Elevated Installation >30' To 35', Add</i>	57.61	
			<i>For Elevated Installation >35' To 40', Add</i>	72.02	
			<i>For Elevated Installation >40', Add</i>	79.22	
26 05 33 13-0097	EA		5" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	480.30	93.95
			<i>For Work In Restricted Working Space, Add</i>	70.46	
			<i>For Elevated Installation >10' To 15', Add</i>	23.49	
			<i>For Elevated Installation >15' To 20', Add</i>	46.98	
			<i>For Elevated Installation >20' To 25', Add</i>	58.72	
			<i>For Elevated Installation >25' To 30', Add</i>	82.21	
			<i>For Elevated Installation >30' To 35', Add</i>	93.95	
			<i>For Elevated Installation >35' To 40', Add</i>	117.44	
			<i>For Elevated Installation >40', Add</i>	129.18	
26 05 33 13-0098	EA		6" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	722.09	141.13
			<i>For Work In Restricted Working Space, Add</i>	105.84	
			<i>For Elevated Installation >10' To 15', Add</i>	35.28	
			<i>For Elevated Installation >15' To 20', Add</i>	70.56	
			<i>For Elevated Installation >20' To 25', Add</i>	88.20	
			<i>For Elevated Installation >25' To 30', Add</i>	123.48	
			<i>For Elevated Installation >30' To 35', Add</i>	141.12	
			<i>For Elevated Installation >35' To 40', Add</i>	176.41	
			<i>For Elevated Installation >40', Add</i>	194.05	
26 05 33 13-0099			Rigid Galvanized Steel (RGS) 12" Large Radius Elbow <small>(26 05 33 13-0099)</small>		
			See CSI section 26 05 33 13-2318 for conduit field bending.		
26 05 33 13-0100	EA		1" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	78.15	25.78
			<i>For Work In Restricted Working Space, Add</i>	15.47	
			<i>For Elevated Installation >10' To 15', Add</i>	5.16	
			<i>For Elevated Installation >15' To 20', Add</i>	10.31	
			<i>For Elevated Installation >20' To 25', Add</i>	12.89	
			<i>For Elevated Installation >25' To 30', Add</i>	18.05	
			<i>For Elevated Installation >30' To 35', Add</i>	20.63	
			<i>For Elevated Installation >35' To 40', Add</i>	25.79	
			<i>For Elevated Installation >40', Add</i>	28.36	
26 05 33 13-0101	EA		1-1/4" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	90.05	29.85
			<i>For Work In Restricted Working Space, Add</i>	17.91	
			<i>For Elevated Installation >10' To 15', Add</i>	5.97	
			<i>For Elevated Installation >15' To 20', Add</i>	11.94	
			<i>For Elevated Installation >20' To 25', Add</i>	14.93	
			<i>For Elevated Installation >25' To 30', Add</i>	20.90	
			<i>For Elevated Installation >30' To 35', Add</i>	23.88	
			<i>For Elevated Installation >35' To 40', Add</i>	29.86	
			<i>For Elevated Installation >40', Add</i>	32.84	
26 05 33 13-0102	EA		1-1/2" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	104.19	33.93
			<i>For Work In Restricted Working Space, Add</i>	20.36	
			<i>For Elevated Installation >10' To 15', Add</i>	6.79	
			<i>For Elevated Installation >15' To 20', Add</i>	13.57	
			<i>For Elevated Installation >20' To 25', Add</i>	16.96	
			<i>For Elevated Installation >25' To 30', Add</i>	23.75	
			<i>For Elevated Installation >30' To 35', Add</i>	27.14	
			<i>For Elevated Installation >35' To 40', Add</i>	33.93	
			<i>For Elevated Installation >40', Add</i>	37.32	

26 Electrical

26 05 Common Work Results for Electrical

26 05 33 Raceway and Boxes for Electrical Systems



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0103	EA		2" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	117.46	37.32
			<i>For Work In Restricted Working Space, Add</i>	22.39	
			<i>For Elevated Installation >10' To 15', Add</i>	7.46	
			<i>For Elevated Installation >15' To 20', Add</i>	14.93	
			<i>For Elevated Installation >20' To 25', Add</i>	18.66	
			<i>For Elevated Installation >25' To 30', Add</i>	26.12	
			<i>For Elevated Installation >30' To 35', Add</i>	29.86	
			<i>For Elevated Installation >35' To 40', Add</i>	37.32	
			<i>For Elevated Installation >40', Add</i>	41.05	
26 05 33 13-0104			Rigid Galvanized Steel (RGS) 15" Large Radius Elbow <small>(26 05 33 13-0059)</small>		
			See CSI section 26 05 33 13-2318 for conduit field bending.		
26 05 33 13-0105	EA		1" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	85.04	25.78
			<i>For Work In Restricted Working Space, Add</i>	15.47	
			<i>For Elevated Installation >10' To 15', Add</i>	5.16	
			<i>For Elevated Installation >15' To 20', Add</i>	10.31	
			<i>For Elevated Installation >20' To 25', Add</i>	12.89	
			<i>For Elevated Installation >25' To 30', Add</i>	18.05	
			<i>For Elevated Installation >30' To 35', Add</i>	20.63	
			<i>For Elevated Installation >35' To 40', Add</i>	25.79	
			<i>For Elevated Installation >40', Add</i>	28.36	
26 05 33 13-0106	EA		1-1/4" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	98.91	29.85
			<i>For Work In Restricted Working Space, Add</i>	17.91	
			<i>For Elevated Installation >10' To 15', Add</i>	5.97	
			<i>For Elevated Installation >15' To 20', Add</i>	11.94	
			<i>For Elevated Installation >20' To 25', Add</i>	14.93	
			<i>For Elevated Installation >25' To 30', Add</i>	20.90	
			<i>For Elevated Installation >30' To 35', Add</i>	23.88	
			<i>For Elevated Installation >35' To 40', Add</i>	29.86	
			<i>For Elevated Installation >40', Add</i>	32.84	
26 05 33 13-0107	EA		1-1/2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	108.23	33.93
			<i>For Work In Restricted Working Space, Add</i>	20.36	
			<i>For Elevated Installation >10' To 15', Add</i>	6.79	
			<i>For Elevated Installation >15' To 20', Add</i>	13.57	
			<i>For Elevated Installation >20' To 25', Add</i>	16.96	
			<i>For Elevated Installation >25' To 30', Add</i>	23.75	
			<i>For Elevated Installation >30' To 35', Add</i>	27.14	
			<i>For Elevated Installation >35' To 40', Add</i>	33.93	
			<i>For Elevated Installation >40', Add</i>	37.32	
26 05 33 13-0108	EA		2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	121.97	37.32
			<i>For Work In Restricted Working Space, Add</i>	22.39	
			<i>For Elevated Installation >10' To 15', Add</i>	7.46	
			<i>For Elevated Installation >15' To 20', Add</i>	14.93	
			<i>For Elevated Installation >20' To 25', Add</i>	18.66	
			<i>For Elevated Installation >25' To 30', Add</i>	26.12	
			<i>For Elevated Installation >30' To 35', Add</i>	29.86	
			<i>For Elevated Installation >35' To 40', Add</i>	37.32	
			<i>For Elevated Installation >40', Add</i>	41.05	
26 05 33 13-0109	EA		2-1/2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	162.32	46.82
			<i>For Work In Restricted Working Space, Add</i>	28.09	
			<i>For Elevated Installation >10' To 15', Add</i>	9.36	
			<i>For Elevated Installation >15' To 20', Add</i>	18.73	
			<i>For Elevated Installation >20' To 25', Add</i>	23.41	
			<i>For Elevated Installation >25' To 30', Add</i>	32.77	
			<i>For Elevated Installation >30' To 35', Add</i>	37.45	
			<i>For Elevated Installation >35' To 40', Add</i>	46.82	
			<i>For Elevated Installation >40', Add</i>	51.50	
26 05 33 13-0110	EA		3" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	218.41	63.78
			<i>For Work In Restricted Working Space, Add</i>	38.27	
			<i>For Elevated Installation >10' To 15', Add</i>	12.76	
			<i>For Elevated Installation >15' To 20', Add</i>	25.51	
			<i>For Elevated Installation >20' To 25', Add</i>	31.89	
			<i>For Elevated Installation >25' To 30', Add</i>	44.65	
			<i>For Elevated Installation >30' To 35', Add</i>	51.02	
			<i>For Elevated Installation >35' To 40', Add</i>	63.78	
			<i>For Elevated Installation >40', Add</i>	70.16	
26 05 33 13-0111			Rigid Galvanized Steel (RGS) 18" Large Radius Elbow <small>(26 05 33 13-0059)</small>		
			See CSI section 26 05 33 13-2318 for conduit field bending.		
26 05 33 13-0112	EA		1" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	85.37	25.78
			<i>For Work In Restricted Working Space, Add</i>	15.47	
			<i>For Elevated Installation >10' To 15', Add</i>	5.16	
			<i>For Elevated Installation >15' To 20', Add</i>	10.31	
			<i>For Elevated Installation >20' To 25', Add</i>	12.89	
			<i>For Elevated Installation >25' To 30', Add</i>	18.05	
			<i>For Elevated Installation >30' To 35', Add</i>	20.63	
			<i>For Elevated Installation >35' To 40', Add</i>	25.79	
			<i>For Elevated Installation >40', Add</i>	28.36	
26 05 33 13-0113	EA		1-1/4" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	98.03	29.85
			<i>For Work In Restricted Working Space, Add</i>	17.91	
			<i>For Elevated Installation >10' To 15', Add</i>	5.97	
			<i>For Elevated Installation >15' To 20', Add</i>	11.94	
			<i>For Elevated Installation >20' To 25', Add</i>	14.93	
			<i>For Elevated Installation >25' To 30', Add</i>	20.90	
			<i>For Elevated Installation >30' To 35', Add</i>	23.88	
			<i>For Elevated Installation >35' To 40', Add</i>	29.86	
			<i>For Elevated Installation >40', Add</i>	32.84	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-0114	EA		1-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow.....	112.59	33.93
			<i>For Work In Restricted Working Space, Add</i>	20.36	
			<i>For Elevated Installation >10' To 15', Add</i>	6.79	
			<i>For Elevated Installation >15' To 20', Add</i>	13.57	
			<i>For Elevated Installation >20' To 25', Add</i>	16.96	
			<i>For Elevated Installation >25' To 30', Add</i>	23.75	
			<i>For Elevated Installation >30' To 35', Add</i>	27.14	
			<i>For Elevated Installation >35' To 40', Add</i>	33.93	
			<i>For Elevated Installation >40', Add</i>	37.32	
26 05 33 13-0115	EA		2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow.....	131.73	37.32
			<i>For Work In Restricted Working Space, Add</i>	22.39	
			<i>For Elevated Installation >10' To 15', Add</i>	7.46	
			<i>For Elevated Installation >15' To 20', Add</i>	14.93	
			<i>For Elevated Installation >20' To 25', Add</i>	18.66	
			<i>For Elevated Installation >25' To 30', Add</i>	26.12	
			<i>For Elevated Installation >30' To 35', Add</i>	29.86	
			<i>For Elevated Installation >35' To 40', Add</i>	37.32	
			<i>For Elevated Installation >40', Add</i>	41.05	
26 05 33 13-0116	EA		2-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow.....	171.42	46.82
			<i>For Work In Restricted Working Space, Add</i>	28.09	
			<i>For Elevated Installation >10' To 15', Add</i>	9.36	
			<i>For Elevated Installation >15' To 20', Add</i>	18.73	
			<i>For Elevated Installation >20' To 25', Add</i>	23.41	
			<i>For Elevated Installation >25' To 30', Add</i>	32.77	
			<i>For Elevated Installation >30' To 35', Add</i>	37.45	
			<i>For Elevated Installation >35' To 40', Add</i>	46.82	
			<i>For Elevated Installation >40', Add</i>	51.50	
26 05 33 13-0117	EA		3" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow.....	225.74	63.78
			<i>For Work In Restricted Working Space, Add</i>	38.27	
			<i>For Elevated Installation >10' To 15', Add</i>	12.76	
			<i>For Elevated Installation >15' To 20', Add</i>	25.51	
			<i>For Elevated Installation >20' To 25', Add</i>	31.89	
			<i>For Elevated Installation >25' To 30', Add</i>	44.65	
			<i>For Elevated Installation >30' To 35', Add</i>	51.02	
			<i>For Elevated Installation >35' To 40', Add</i>	63.78	
			<i>For Elevated Installation >40', Add</i>	70.16	
26 05 33 13-0118	EA		3-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow.....	282.63	71.92
			<i>For Work In Restricted Working Space, Add</i>	43.16	
			<i>For Elevated Installation >10' To 15', Add</i>	14.39	
			<i>For Elevated Installation >15' To 20', Add</i>	28.77	
			<i>For Elevated Installation >20' To 25', Add</i>	35.96	
			<i>For Elevated Installation >25' To 30', Add</i>	50.35	
			<i>For Elevated Installation >30' To 35', Add</i>	57.54	
			<i>For Elevated Installation >35' To 40', Add</i>	71.93	
			<i>For Elevated Installation >40', Add</i>	79.12	
26 05 33 13-0119	EA		4" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow.....	342.34	93.63
			<i>For Work In Restricted Working Space, Add</i>	56.18	
			<i>For Elevated Installation >10' To 15', Add</i>	18.73	
			<i>For Elevated Installation >15' To 20', Add</i>	37.45	
			<i>For Elevated Installation >20' To 25', Add</i>	46.82	
			<i>For Elevated Installation >25' To 30', Add</i>	65.54	
			<i>For Elevated Installation >30' To 35', Add</i>	74.91	
			<i>For Elevated Installation >35' To 40', Add</i>	93.64	
			<i>For Elevated Installation >40', Add</i>	103.00	
26 05 33 13-0120			Rigid Galvanized Steel (RGS) 24" Large Radius Elbow <small>(26 05 33 13-0059)</small>		
			See CSI section 26 05 33 13-2318 for conduit field bending.		
26 05 33 13-0121	EA		1" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow.....	96.36	25.78
			<i>For Work In Restricted Working Space, Add</i>	15.47	
			<i>For Elevated Installation >10' To 15', Add</i>	5.16	
			<i>For Elevated Installation >15' To 20', Add</i>	10.31	
			<i>For Elevated Installation >20' To 25', Add</i>	12.89	
			<i>For Elevated Installation >25' To 30', Add</i>	18.05	
			<i>For Elevated Installation >30' To 35', Add</i>	20.63	
			<i>For Elevated Installation >35' To 40', Add</i>	25.79	
			<i>For Elevated Installation >40', Add</i>	28.36	
26 05 33 13-0122	EA		1-1/4" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow.....	108.82	29.85
			<i>For Work In Restricted Working Space, Add</i>	17.91	
			<i>For Elevated Installation >10' To 15', Add</i>	5.97	
			<i>For Elevated Installation >15' To 20', Add</i>	11.94	
			<i>For Elevated Installation >20' To 25', Add</i>	14.93	
			<i>For Elevated Installation >25' To 30', Add</i>	20.90	
			<i>For Elevated Installation >30' To 35', Add</i>	23.88	
			<i>For Elevated Installation >35' To 40', Add</i>	29.86	
			<i>For Elevated Installation >40', Add</i>	32.84	
26 05 33 13-0123	EA		1-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow.....	120.67	33.93
			<i>For Work In Restricted Working Space, Add</i>	20.36	
			<i>For Elevated Installation >10' To 15', Add</i>	6.79	
			<i>For Elevated Installation >15' To 20', Add</i>	13.57	
			<i>For Elevated Installation >20' To 25', Add</i>	16.96	
			<i>For Elevated Installation >25' To 30', Add</i>	23.75	
			<i>For Elevated Installation >30' To 35', Add</i>	27.14	
			<i>For Elevated Installation >35' To 40', Add</i>	33.93	
			<i>For Elevated Installation >40', Add</i>	37.32	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0124	EA	2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	143.64	37.32
			<i>For Work In Restricted Working Space, Add</i>	22.39	
			<i>For Elevated Installation >10' To 15', Add</i>	7.46	
			<i>For Elevated Installation >15' To 20', Add</i>	14.93	
			<i>For Elevated Installation >20' To 25', Add</i>	18.66	
			<i>For Elevated Installation >25' To 30', Add</i>	26.12	
			<i>For Elevated Installation >30' To 35', Add</i>	29.86	
			<i>For Elevated Installation >35' To 40', Add</i>	37.32	
			<i>For Elevated Installation >40', Add</i>	41.05	
26 05 33	13-0125	EA	2-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	187.66	46.82
			<i>For Work In Restricted Working Space, Add</i>	28.09	
			<i>For Elevated Installation >10' To 15', Add</i>	9.36	
			<i>For Elevated Installation >15' To 20', Add</i>	18.73	
			<i>For Elevated Installation >20' To 25', Add</i>	23.41	
			<i>For Elevated Installation >25' To 30', Add</i>	32.77	
			<i>For Elevated Installation >30' To 35', Add</i>	37.45	
			<i>For Elevated Installation >35' To 40', Add</i>	46.82	
			<i>For Elevated Installation >40', Add</i>	51.50	
26 05 33	13-0126	EA	3" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	251.20	63.78
			<i>For Work In Restricted Working Space, Add</i>	38.27	
			<i>For Elevated Installation >10' To 15', Add</i>	12.76	
			<i>For Elevated Installation >15' To 20', Add</i>	25.51	
			<i>For Elevated Installation >20' To 25', Add</i>	31.89	
			<i>For Elevated Installation >25' To 30', Add</i>	44.65	
			<i>For Elevated Installation >30' To 35', Add</i>	51.02	
			<i>For Elevated Installation >35' To 40', Add</i>	63.78	
			<i>For Elevated Installation >40', Add</i>	70.16	
26 05 33	13-0127	EA	3-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	307.38	71.92
			<i>For Work In Restricted Working Space, Add</i>	43.16	
			<i>For Elevated Installation >10' To 15', Add</i>	14.39	
			<i>For Elevated Installation >15' To 20', Add</i>	28.77	
			<i>For Elevated Installation >20' To 25', Add</i>	35.96	
			<i>For Elevated Installation >25' To 30', Add</i>	50.35	
			<i>For Elevated Installation >30' To 35', Add</i>	57.54	
			<i>For Elevated Installation >35' To 40', Add</i>	71.93	
			<i>For Elevated Installation >40', Add</i>	79.12	
26 05 33	13-0128	EA	4" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	362.07	93.63
			<i>For Work In Restricted Working Space, Add</i>	56.18	
			<i>For Elevated Installation >10' To 15', Add</i>	18.73	
			<i>For Elevated Installation >15' To 20', Add</i>	37.45	
			<i>For Elevated Installation >20' To 25', Add</i>	46.82	
			<i>For Elevated Installation >25' To 30', Add</i>	65.54	
			<i>For Elevated Installation >30' To 35', Add</i>	74.91	
			<i>For Elevated Installation >35' To 40', Add</i>	93.64	
			<i>For Elevated Installation >40', Add</i>	103.00	
26 05 33	13-0129		Rigid Galvanized Steel (RGS) 30" Large Radius Elbow (26 05 33 13-0059)		
			See CSI section 26 05 33 13-2318 for conduit field bending.		
26 05 33	13-0130	EA	1" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	95.69	25.78
			<i>For Work In Restricted Working Space, Add</i>	15.47	
			<i>For Elevated Installation >10' To 15', Add</i>	5.16	
			<i>For Elevated Installation >15' To 20', Add</i>	10.31	
			<i>For Elevated Installation >20' To 25', Add</i>	12.89	
			<i>For Elevated Installation >25' To 30', Add</i>	18.05	
			<i>For Elevated Installation >30' To 35', Add</i>	20.63	
			<i>For Elevated Installation >35' To 40', Add</i>	25.79	
			<i>For Elevated Installation >40', Add</i>	28.36	
26 05 33	13-0131	EA	1-1/4" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	116.83	29.85
			<i>For Work In Restricted Working Space, Add</i>	17.91	
			<i>For Elevated Installation >10' To 15', Add</i>	5.97	
			<i>For Elevated Installation >15' To 20', Add</i>	11.94	
			<i>For Elevated Installation >20' To 25', Add</i>	14.93	
			<i>For Elevated Installation >25' To 30', Add</i>	20.90	
			<i>For Elevated Installation >30' To 35', Add</i>	23.88	
			<i>For Elevated Installation >35' To 40', Add</i>	29.86	
			<i>For Elevated Installation >40', Add</i>	32.84	
26 05 33	13-0132	EA	1-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	129.35	33.93
			<i>For Work In Restricted Working Space, Add</i>	20.36	
			<i>For Elevated Installation >10' To 15', Add</i>	6.79	
			<i>For Elevated Installation >15' To 20', Add</i>	13.57	
			<i>For Elevated Installation >20' To 25', Add</i>	16.96	
			<i>For Elevated Installation >25' To 30', Add</i>	23.75	
			<i>For Elevated Installation >30' To 35', Add</i>	27.14	
			<i>For Elevated Installation >35' To 40', Add</i>	33.93	
			<i>For Elevated Installation >40', Add</i>	37.32	
26 05 33	13-0133	EA	2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	154.98	37.32
			<i>For Work In Restricted Working Space, Add</i>	22.39	
			<i>For Elevated Installation >10' To 15', Add</i>	7.46	
			<i>For Elevated Installation >15' To 20', Add</i>	14.93	
			<i>For Elevated Installation >20' To 25', Add</i>	18.66	
			<i>For Elevated Installation >25' To 30', Add</i>	26.12	
			<i>For Elevated Installation >30' To 35', Add</i>	29.86	
			<i>For Elevated Installation >35' To 40', Add</i>	37.32	
			<i>For Elevated Installation >40', Add</i>	41.05	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-0134	EA		2-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	203.23	46.82
			<i>For Work In Restricted Working Space, Add</i>	28.09	
			<i>For Elevated Installation >10' To 15', Add</i>	9.36	
			<i>For Elevated Installation >15' To 20', Add</i>	18.73	
			<i>For Elevated Installation >20' To 25', Add</i>	23.41	
			<i>For Elevated Installation >25' To 30', Add</i>	32.77	
			<i>For Elevated Installation >30' To 35', Add</i>	37.45	
			<i>For Elevated Installation >35' To 40', Add</i>	46.82	
			<i>For Elevated Installation >40', Add</i>	51.50	
26 05 33 13-0135	EA		3" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	271.30	63.78
			<i>For Work In Restricted Working Space, Add</i>	38.27	
			<i>For Elevated Installation >10' To 15', Add</i>	12.76	
			<i>For Elevated Installation >15' To 20', Add</i>	25.51	
			<i>For Elevated Installation >20' To 25', Add</i>	31.89	
			<i>For Elevated Installation >25' To 30', Add</i>	44.65	
			<i>For Elevated Installation >30' To 35', Add</i>	51.02	
			<i>For Elevated Installation >35' To 40', Add</i>	63.78	
			<i>For Elevated Installation >40', Add</i>	70.16	
26 05 33 13-0136	EA		3-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	331.84	71.92
			<i>For Work In Restricted Working Space, Add</i>	43.16	
			<i>For Elevated Installation >10' To 15', Add</i>	14.39	
			<i>For Elevated Installation >15' To 20', Add</i>	28.77	
			<i>For Elevated Installation >20' To 25', Add</i>	35.96	
			<i>For Elevated Installation >25' To 30', Add</i>	50.35	
			<i>For Elevated Installation >30' To 35', Add</i>	57.54	
			<i>For Elevated Installation >35' To 40', Add</i>	71.93	
			<i>For Elevated Installation >40', Add</i>	79.12	
26 05 33 13-0137	EA		4" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	398.28	93.63
			<i>For Work In Restricted Working Space, Add</i>	56.18	
			<i>For Elevated Installation >10' To 15', Add</i>	18.73	
			<i>For Elevated Installation >15' To 20', Add</i>	37.45	
			<i>For Elevated Installation >20' To 25', Add</i>	46.82	
			<i>For Elevated Installation >25' To 30', Add</i>	65.54	
			<i>For Elevated Installation >30' To 35', Add</i>	74.91	
			<i>For Elevated Installation >35' To 40', Add</i>	93.64	
			<i>For Elevated Installation >40', Add</i>	103.00	
26 05 33 13-0138	EA		5" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	576.37	152.67
			<i>For Work In Restricted Working Space, Add</i>	91.60	
			<i>For Elevated Installation >10' To 15', Add</i>	30.53	
			<i>For Elevated Installation >15' To 20', Add</i>	61.07	
			<i>For Elevated Installation >20' To 25', Add</i>	76.34	
			<i>For Elevated Installation >25' To 30', Add</i>	106.87	
			<i>For Elevated Installation >30' To 35', Add</i>	122.14	
			<i>For Elevated Installation >35' To 40', Add</i>	152.67	
			<i>For Elevated Installation >40', Add</i>	167.94	
26 05 33 13-0139			Rigid Galvanized Steel (RGS) 36" Large Radius Elbow (26 05 33 13-0059) See CSI section 26 05 33 13-2318 for conduit field bending.		
26 05 33 13-0140	EA		1" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	101.56	25.78
			<i>For Work In Restricted Working Space, Add</i>	15.47	
			<i>For Elevated Installation >10' To 15', Add</i>	5.16	
			<i>For Elevated Installation >15' To 20', Add</i>	10.31	
			<i>For Elevated Installation >20' To 25', Add</i>	12.89	
			<i>For Elevated Installation >25' To 30', Add</i>	18.05	
			<i>For Elevated Installation >30' To 35', Add</i>	20.63	
			<i>For Elevated Installation >35' To 40', Add</i>	25.79	
			<i>For Elevated Installation >40', Add</i>	28.36	
26 05 33 13-0141	EA		1-1/4" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	120.78	29.85
			<i>For Work In Restricted Working Space, Add</i>	17.91	
			<i>For Elevated Installation >10' To 15', Add</i>	5.97	
			<i>For Elevated Installation >15' To 20', Add</i>	11.94	
			<i>For Elevated Installation >20' To 25', Add</i>	14.93	
			<i>For Elevated Installation >25' To 30', Add</i>	20.90	
			<i>For Elevated Installation >30' To 35', Add</i>	23.88	
			<i>For Elevated Installation >35' To 40', Add</i>	29.86	
			<i>For Elevated Installation >40', Add</i>	32.84	
26 05 33 13-0142	EA		1-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	144.56	33.93
			<i>For Work In Restricted Working Space, Add</i>	20.36	
			<i>For Elevated Installation >10' To 15', Add</i>	6.79	
			<i>For Elevated Installation >15' To 20', Add</i>	13.57	
			<i>For Elevated Installation >20' To 25', Add</i>	16.96	
			<i>For Elevated Installation >25' To 30', Add</i>	23.75	
			<i>For Elevated Installation >30' To 35', Add</i>	27.14	
			<i>For Elevated Installation >35' To 40', Add</i>	33.93	
			<i>For Elevated Installation >40', Add</i>	37.32	
26 05 33 13-0143	EA		2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	163.84	37.32
			<i>For Work In Restricted Working Space, Add</i>	22.39	
			<i>For Elevated Installation >10' To 15', Add</i>	7.46	
			<i>For Elevated Installation >15' To 20', Add</i>	14.93	
			<i>For Elevated Installation >20' To 25', Add</i>	18.66	
			<i>For Elevated Installation >25' To 30', Add</i>	26.12	
			<i>For Elevated Installation >30' To 35', Add</i>	29.86	
			<i>For Elevated Installation >35' To 40', Add</i>	37.32	
			<i>For Elevated Installation >40', Add</i>	41.05	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-0144	EA	2-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	221.71	46.82
		<i>For Work In Restricted Working Space, Add</i>	28.09	
		<i>For Elevated Installation >10' To 15', Add</i>	9.36	
		<i>For Elevated Installation >15' To 20', Add</i>	18.73	
		<i>For Elevated Installation >20' To 25', Add</i>	23.41	
		<i>For Elevated Installation >25' To 30', Add</i>	32.77	
		<i>For Elevated Installation >30' To 35', Add</i>	37.45	
		<i>For Elevated Installation >35' To 40', Add</i>	46.82	
		<i>For Elevated Installation >40', Add</i>	51.50	
26 05 33 13-0145	EA	3" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	288.49	63.78
		<i>For Work In Restricted Working Space, Add</i>	38.27	
		<i>For Elevated Installation >10' To 15', Add</i>	12.76	
		<i>For Elevated Installation >15' To 20', Add</i>	25.51	
		<i>For Elevated Installation >20' To 25', Add</i>	31.89	
		<i>For Elevated Installation >25' To 30', Add</i>	44.65	
		<i>For Elevated Installation >30' To 35', Add</i>	51.02	
		<i>For Elevated Installation >35' To 40', Add</i>	63.78	
		<i>For Elevated Installation >40', Add</i>	70.16	
26 05 33 13-0146	EA	3-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	363.44	71.92
		<i>For Work In Restricted Working Space, Add</i>	43.16	
		<i>For Elevated Installation >10' To 15', Add</i>	14.39	
		<i>For Elevated Installation >15' To 20', Add</i>	28.77	
		<i>For Elevated Installation >20' To 25', Add</i>	35.96	
		<i>For Elevated Installation >25' To 30', Add</i>	50.35	
		<i>For Elevated Installation >30' To 35', Add</i>	57.54	
		<i>For Elevated Installation >35' To 40', Add</i>	71.93	
		<i>For Elevated Installation >40', Add</i>	79.12	
26 05 33 13-0147	EA	4" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	415.32	93.63
		<i>For Work In Restricted Working Space, Add</i>	56.18	
		<i>For Elevated Installation >10' To 15', Add</i>	18.73	
		<i>For Elevated Installation >15' To 20', Add</i>	37.45	
		<i>For Elevated Installation >20' To 25', Add</i>	46.82	
		<i>For Elevated Installation >25' To 30', Add</i>	65.54	
		<i>For Elevated Installation >30' To 35', Add</i>	74.91	
		<i>For Elevated Installation >35' To 40', Add</i>	93.64	
		<i>For Elevated Installation >40', Add</i>	103.00	
26 05 33 13-0148	EA	5" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	715.36	152.67
		<i>For Work In Restricted Working Space, Add</i>	91.60	
		<i>For Elevated Installation >10' To 15', Add</i>	30.53	
		<i>For Elevated Installation >15' To 20', Add</i>	61.07	
		<i>For Elevated Installation >20' To 25', Add</i>	76.34	
		<i>For Elevated Installation >25' To 30', Add</i>	106.87	
		<i>For Elevated Installation >30' To 35', Add</i>	122.14	
		<i>For Elevated Installation >35' To 40', Add</i>	152.67	
		<i>For Elevated Installation >40', Add</i>	167.94	
26 05 33 13-0149	EA	6" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	909.15	229.34
		<i>For Work In Restricted Working Space, Add</i>	137.61	
		<i>For Elevated Installation >10' To 15', Add</i>	45.87	
		<i>For Elevated Installation >15' To 20', Add</i>	91.74	
		<i>For Elevated Installation >20' To 25', Add</i>	114.67	
		<i>For Elevated Installation >25' To 30', Add</i>	160.54	
		<i>For Elevated Installation >30' To 35', Add</i>	183.48	
		<i>For Elevated Installation >35' To 40', Add</i>	229.35	
		<i>For Elevated Installation >40', Add</i>	252.28	
26 05 33 13-0150		Rigid Galvanized Steel (RGS) 42" Large Radius Elbow <small>(26 05 33 13-0059)</small>		
		See CSI section 26 05 33 13-2318 for conduit field bending.		
26 05 33 13-0151	EA	1" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	110.16	25.78
		<i>For Work In Restricted Working Space, Add</i>	15.47	
		<i>For Elevated Installation >10' To 15', Add</i>	5.16	
		<i>For Elevated Installation >15' To 20', Add</i>	10.31	
		<i>For Elevated Installation >20' To 25', Add</i>	12.89	
		<i>For Elevated Installation >25' To 30', Add</i>	18.05	
		<i>For Elevated Installation >30' To 35', Add</i>	20.63	
		<i>For Elevated Installation >35' To 40', Add</i>	25.79	
		<i>For Elevated Installation >40', Add</i>	28.36	
26 05 33 13-0152	EA	1-1/4" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	131.28	29.85
		<i>For Work In Restricted Working Space, Add</i>	17.91	
		<i>For Elevated Installation >10' To 15', Add</i>	5.97	
		<i>For Elevated Installation >15' To 20', Add</i>	11.94	
		<i>For Elevated Installation >20' To 25', Add</i>	14.93	
		<i>For Elevated Installation >25' To 30', Add</i>	20.90	
		<i>For Elevated Installation >30' To 35', Add</i>	23.88	
		<i>For Elevated Installation >35' To 40', Add</i>	29.86	
		<i>For Elevated Installation >40', Add</i>	32.84	
26 05 33 13-0153	EA	1-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	155.72	33.93
		<i>For Work In Restricted Working Space, Add</i>	20.36	
		<i>For Elevated Installation >10' To 15', Add</i>	6.79	
		<i>For Elevated Installation >15' To 20', Add</i>	13.57	
		<i>For Elevated Installation >20' To 25', Add</i>	16.96	
		<i>For Elevated Installation >25' To 30', Add</i>	23.75	
		<i>For Elevated Installation >30' To 35', Add</i>	27.14	
		<i>For Elevated Installation >35' To 40', Add</i>	33.93	
		<i>For Elevated Installation >40', Add</i>	37.32	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0154	EA			2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	175.51	37.32
				<i>For Work In Restricted Working Space, Add</i>	22.39	
				<i>For Elevated Installation >10' To 15', Add</i>	7.46	
				<i>For Elevated Installation >15' To 20', Add</i>	14.93	
				<i>For Elevated Installation >20' To 25', Add</i>	18.66	
				<i>For Elevated Installation >25' To 30', Add</i>	26.12	
				<i>For Elevated Installation >30' To 35', Add</i>	29.86	
				<i>For Elevated Installation >35' To 40', Add</i>	37.32	
				<i>For Elevated Installation >40', Add</i>	41.05	
26 05 33 13-0155	EA			2-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	235.84	46.82
				<i>For Work In Restricted Working Space, Add</i>	28.09	
				<i>For Elevated Installation >10' To 15', Add</i>	9.36	
				<i>For Elevated Installation >15' To 20', Add</i>	18.73	
				<i>For Elevated Installation >20' To 25', Add</i>	23.41	
				<i>For Elevated Installation >25' To 30', Add</i>	32.77	
				<i>For Elevated Installation >30' To 35', Add</i>	37.46	
				<i>For Elevated Installation >35' To 40', Add</i>	46.82	
				<i>For Elevated Installation >40', Add</i>	51.50	
26 05 33 13-0156	EA			3" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	313.68	63.78
				<i>For Work In Restricted Working Space, Add</i>	38.27	
				<i>For Elevated Installation >10' To 15', Add</i>	12.76	
				<i>For Elevated Installation >15' To 20', Add</i>	25.51	
				<i>For Elevated Installation >20' To 25', Add</i>	31.89	
				<i>For Elevated Installation >25' To 30', Add</i>	44.65	
				<i>For Elevated Installation >30' To 35', Add</i>	51.02	
				<i>For Elevated Installation >35' To 40', Add</i>	63.78	
				<i>For Elevated Installation >40', Add</i>	70.16	
26 05 33 13-0157	EA			3-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	388.70	71.92
				<i>For Work In Restricted Working Space, Add</i>	43.16	
				<i>For Elevated Installation >10' To 15', Add</i>	14.39	
				<i>For Elevated Installation >15' To 20', Add</i>	28.77	
				<i>For Elevated Installation >20' To 25', Add</i>	35.96	
				<i>For Elevated Installation >25' To 30', Add</i>	50.35	
				<i>For Elevated Installation >30' To 35', Add</i>	57.54	
				<i>For Elevated Installation >35' To 40', Add</i>	71.93	
				<i>For Elevated Installation >40', Add</i>	79.12	
26 05 33 13-0158	EA			4" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	488.00	93.63
				<i>For Work In Restricted Working Space, Add</i>	56.18	
				<i>For Elevated Installation >10' To 15', Add</i>	18.73	
				<i>For Elevated Installation >15' To 20', Add</i>	37.45	
				<i>For Elevated Installation >20' To 25', Add</i>	46.82	
				<i>For Elevated Installation >25' To 30', Add</i>	65.54	
				<i>For Elevated Installation >30' To 35', Add</i>	74.91	
				<i>For Elevated Installation >35' To 40', Add</i>	93.64	
				<i>For Elevated Installation >40', Add</i>	103.00	
26 05 33 13-0159	EA			5" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	815.63	152.67
				<i>For Work In Restricted Working Space, Add</i>	91.60	
				<i>For Elevated Installation >10' To 15', Add</i>	30.53	
				<i>For Elevated Installation >15' To 20', Add</i>	61.07	
				<i>For Elevated Installation >20' To 25', Add</i>	76.34	
				<i>For Elevated Installation >25' To 30', Add</i>	106.87	
				<i>For Elevated Installation >30' To 35', Add</i>	122.14	
				<i>For Elevated Installation >35' To 40', Add</i>	152.67	
				<i>For Elevated Installation >40', Add</i>	167.94	
26 05 33 13-0160	EA			6" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	995.97	229.34
				<i>For Work In Restricted Working Space, Add</i>	137.61	
				<i>For Elevated Installation >10' To 15', Add</i>	45.87	
				<i>For Elevated Installation >15' To 20', Add</i>	91.74	
				<i>For Elevated Installation >20' To 25', Add</i>	114.67	
				<i>For Elevated Installation >25' To 30', Add</i>	160.54	
				<i>For Elevated Installation >30' To 35', Add</i>	183.48	
				<i>For Elevated Installation >35' To 40', Add</i>	229.35	
				<i>For Elevated Installation >40', Add</i>	252.28	
26 05 33 13-0161				Rigid Galvanized Steel (RGS) 48" Large Radius Elbow <small>(26 05 33 13-0059)</small>		
				See CSI section 26 05 33 13-2318 for conduit field bending.		
26 05 33 13-0162	EA			1" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	117.32	25.78
				<i>For Work In Restricted Working Space, Add</i>	15.47	
				<i>For Elevated Installation >10' To 15', Add</i>	5.16	
				<i>For Elevated Installation >15' To 20', Add</i>	10.31	
				<i>For Elevated Installation >20' To 25', Add</i>	12.89	
				<i>For Elevated Installation >25' To 30', Add</i>	18.05	
				<i>For Elevated Installation >30' To 35', Add</i>	20.63	
				<i>For Elevated Installation >35' To 40', Add</i>	25.79	
				<i>For Elevated Installation >40', Add</i>	28.36	
26 05 33 13-0163	EA			1-1/4" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	139.37	29.85
				<i>For Work In Restricted Working Space, Add</i>	17.91	
				<i>For Elevated Installation >10' To 15', Add</i>	5.97	
				<i>For Elevated Installation >15' To 20', Add</i>	11.94	
				<i>For Elevated Installation >20' To 25', Add</i>	14.93	
				<i>For Elevated Installation >25' To 30', Add</i>	20.90	
				<i>For Elevated Installation >30' To 35', Add</i>	23.88	
				<i>For Elevated Installation >35' To 40', Add</i>	29.86	
				<i>For Elevated Installation >40', Add</i>	32.84	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-0164	EA	1-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	162.78	33.93
		<i>For Work In Restricted Working Space, Add</i>	20.36	
		<i>For Elevated Installation >10' To 15', Add</i>	6.79	
		<i>For Elevated Installation >15' To 20', Add</i>	13.57	
		<i>For Elevated Installation >20' To 25', Add</i>	16.96	
		<i>For Elevated Installation >25' To 30', Add</i>	23.75	
		<i>For Elevated Installation >30' To 35', Add</i>	27.14	
		<i>For Elevated Installation >35' To 40', Add</i>	33.93	
		<i>For Elevated Installation >40', Add</i>	37.32	
26 05 33 13-0165	EA	2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	197.32	37.32
		<i>For Work In Restricted Working Space, Add</i>	22.39	
		<i>For Elevated Installation >10' To 15', Add</i>	7.46	
		<i>For Elevated Installation >15' To 20', Add</i>	14.93	
		<i>For Elevated Installation >20' To 25', Add</i>	18.66	
		<i>For Elevated Installation >25' To 30', Add</i>	26.12	
		<i>For Elevated Installation >30' To 35', Add</i>	29.86	
		<i>For Elevated Installation >35' To 40', Add</i>	37.32	
		<i>For Elevated Installation >40', Add</i>	41.05	
26 05 33 13-0166	EA	2-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	261.90	46.82
		<i>For Work In Restricted Working Space, Add</i>	28.09	
		<i>For Elevated Installation >10' To 15', Add</i>	9.36	
		<i>For Elevated Installation >15' To 20', Add</i>	18.73	
		<i>For Elevated Installation >20' To 25', Add</i>	23.41	
		<i>For Elevated Installation >25' To 30', Add</i>	32.77	
		<i>For Elevated Installation >30' To 35', Add</i>	37.46	
		<i>For Elevated Installation >35' To 40', Add</i>	46.82	
		<i>For Elevated Installation >40', Add</i>	51.50	
26 05 33 13-0167	EA	3" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	339.06	63.78
		<i>For Work In Restricted Working Space, Add</i>	38.27	
		<i>For Elevated Installation >10' To 15', Add</i>	12.76	
		<i>For Elevated Installation >15' To 20', Add</i>	25.51	
		<i>For Elevated Installation >20' To 25', Add</i>	31.89	
		<i>For Elevated Installation >25' To 30', Add</i>	44.65	
		<i>For Elevated Installation >30' To 35', Add</i>	51.02	
		<i>For Elevated Installation >35' To 40', Add</i>	63.78	
		<i>For Elevated Installation >40', Add</i>	70.16	
26 05 33 13-0168	EA	3-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	420.46	71.92
		<i>For Work In Restricted Working Space, Add</i>	43.16	
		<i>For Elevated Installation >10' To 15', Add</i>	14.39	
		<i>For Elevated Installation >15' To 20', Add</i>	28.77	
		<i>For Elevated Installation >20' To 25', Add</i>	35.96	
		<i>For Elevated Installation >25' To 30', Add</i>	50.35	
		<i>For Elevated Installation >30' To 35', Add</i>	57.54	
		<i>For Elevated Installation >35' To 40', Add</i>	71.93	
		<i>For Elevated Installation >40', Add</i>	79.12	
26 05 33 13-0169	EA	4" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	526.58	93.63
		<i>For Work In Restricted Working Space, Add</i>	56.18	
		<i>For Elevated Installation >10' To 15', Add</i>	18.73	
		<i>For Elevated Installation >15' To 20', Add</i>	37.45	
		<i>For Elevated Installation >20' To 25', Add</i>	46.82	
		<i>For Elevated Installation >25' To 30', Add</i>	65.54	
		<i>For Elevated Installation >30' To 35', Add</i>	74.91	
		<i>For Elevated Installation >35' To 40', Add</i>	93.64	
		<i>For Elevated Installation >40', Add</i>	103.00	
26 05 33 13-0170	EA	5" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	847.03	152.67
		<i>For Work In Restricted Working Space, Add</i>	91.60	
		<i>For Elevated Installation >10' To 15', Add</i>	30.53	
		<i>For Elevated Installation >15' To 20', Add</i>	61.07	
		<i>For Elevated Installation >20' To 25', Add</i>	76.34	
		<i>For Elevated Installation >25' To 30', Add</i>	106.87	
		<i>For Elevated Installation >30' To 35', Add</i>	122.14	
		<i>For Elevated Installation >35' To 40', Add</i>	152.67	
		<i>For Elevated Installation >40', Add</i>	167.94	
26 05 33 13-0171	EA	6" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	1,013.54	229.34
		<i>For Work In Restricted Working Space, Add</i>	137.61	
		<i>For Elevated Installation >10' To 15', Add</i>	45.87	
		<i>For Elevated Installation >15' To 20', Add</i>	91.74	
		<i>For Elevated Installation >20' To 25', Add</i>	114.67	
		<i>For Elevated Installation >25' To 30', Add</i>	160.54	
		<i>For Elevated Installation >30' To 35', Add</i>	183.48	
		<i>For Elevated Installation >35' To 40', Add</i>	229.35	
		<i>For Elevated Installation >40', Add</i>	252.28	
26 05 33 13-0172		Rigid Galvanized Steel (RGS) Plastic Insulating Bushing <small>(26 05 33 13-0059)</small>		
26 05 33 13-0173	EA	1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	13.70	6.66
		<i>For Work In Restricted Working Space, Add</i>	3.99	
		<i>For Elevated Installation >10' To 15', Add</i>	1.33	
		<i>For Elevated Installation >15' To 20', Add</i>	2.66	
		<i>For Elevated Installation >20' To 25', Add</i>	3.33	
		<i>For Elevated Installation >25' To 30', Add</i>	4.66	
		<i>For Elevated Installation >30' To 35', Add</i>	5.32	
		<i>For Elevated Installation >35' To 40', Add</i>	6.66	
		<i>For Elevated Installation >40', Add</i>	7.32	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.99	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0174	EA			3/4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing 14.71		7.10
				<i>For Work In Restricted Working Space, Add</i> 4.26		
				<i>For Elevated Installation >10' To 15', Add</i> 1.42		
				<i>For Elevated Installation >15' To 20', Add</i> 2.84		
				<i>For Elevated Installation >20' To 25', Add</i> 3.55		
				<i>For Elevated Installation >25' To 30', Add</i> 4.97		
				<i>For Elevated Installation >30' To 35', Add</i> 5.68		
				<i>For Elevated Installation >35' To 40', Add</i> 7.10		
				<i>For Elevated Installation >40', Add</i> 7.81		
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 4.26		
26 05 33 13-0175	EA			1" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing 16.75		7.98
				<i>For Work In Restricted Working Space, Add</i> 4.79		
				<i>For Elevated Installation >10' To 15', Add</i> 1.60		
				<i>For Elevated Installation >15' To 20', Add</i> 3.19		
				<i>For Elevated Installation >20' To 25', Add</i> 3.99		
				<i>For Elevated Installation >25' To 30', Add</i> 5.59		
				<i>For Elevated Installation >30' To 35', Add</i> 6.39		
				<i>For Elevated Installation >35' To 40', Add</i> 7.99		
				<i>For Elevated Installation >40', Add</i> 8.78		
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 4.79		
26 05 33 13-0176	EA			1-1/4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing 18.87		8.87
				<i>For Work In Restricted Working Space, Add</i> 5.33		
				<i>For Elevated Installation >10' To 15', Add</i> 1.78		
				<i>For Elevated Installation >15' To 20', Add</i> 3.55		
				<i>For Elevated Installation >20' To 25', Add</i> 4.44		
				<i>For Elevated Installation >25' To 30', Add</i> 6.21		
				<i>For Elevated Installation >30' To 35', Add</i> 7.10		
				<i>For Elevated Installation >35' To 40', Add</i> 8.88		
				<i>For Elevated Installation >40', Add</i> 9.76		
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 5.33		
26 05 33 13-0177	EA			1-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing 23.72		11.09
				<i>For Work In Restricted Working Space, Add</i> 6.65		
				<i>For Elevated Installation >10' To 15', Add</i> 2.22		
				<i>For Elevated Installation >15' To 20', Add</i> 4.44		
				<i>For Elevated Installation >20' To 25', Add</i> 5.55		
				<i>For Elevated Installation >25' To 30', Add</i> 7.76		
				<i>For Elevated Installation >30' To 35', Add</i> 8.87		
				<i>For Elevated Installation >35' To 40', Add</i> 11.09		
				<i>For Elevated Installation >40', Add</i> 12.20		
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 6.65		
26 05 33 13-0178	EA			2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing 29.47		13.31
				<i>For Work In Restricted Working Space, Add</i> 7.99		
				<i>For Elevated Installation >10' To 15', Add</i> 2.66		
				<i>For Elevated Installation >15' To 20', Add</i> 5.32		
				<i>For Elevated Installation >20' To 25', Add</i> 6.66		
				<i>For Elevated Installation >25' To 30', Add</i> 9.32		
				<i>For Elevated Installation >30' To 35', Add</i> 10.65		
				<i>For Elevated Installation >35' To 40', Add</i> 13.31		
				<i>For Elevated Installation >40', Add</i> 14.64		
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 7.99		
26 05 33 13-0179	EA			2-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing 37.35		15.53
				<i>For Work In Restricted Working Space, Add</i> 9.32		
				<i>For Elevated Installation >10' To 15', Add</i> 3.11		
				<i>For Elevated Installation >15' To 20', Add</i> 6.21		
				<i>For Elevated Installation >20' To 25', Add</i> 7.76		
				<i>For Elevated Installation >25' To 30', Add</i> 10.87		
				<i>For Elevated Installation >30' To 35', Add</i> 12.42		
				<i>For Elevated Installation >35' To 40', Add</i> 15.53		
				<i>For Elevated Installation >40', Add</i> 17.08		
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 9.32		
26 05 33 13-0180	EA			3" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing 42.14		17.75
				<i>For Work In Restricted Working Space, Add</i> 10.65		
				<i>For Elevated Installation >10' To 15', Add</i> 3.55		
				<i>For Elevated Installation >15' To 20', Add</i> 7.10		
				<i>For Elevated Installation >20' To 25', Add</i> 8.88		
				<i>For Elevated Installation >25' To 30', Add</i> 12.43		
				<i>For Elevated Installation >30' To 35', Add</i> 14.20		
				<i>For Elevated Installation >35' To 40', Add</i> 17.75		
				<i>For Elevated Installation >40', Add</i> 19.53		
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 10.65		
26 05 33 13-0181	EA			3-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing 49.15		16.70
				<i>For Work In Restricted Working Space, Add</i> 11.98		
				<i>For Elevated Installation >10' To 15', Add</i> 3.99		
				<i>For Elevated Installation >15' To 20', Add</i> 7.99		
				<i>For Elevated Installation >20' To 25', Add</i> 9.98		
				<i>For Elevated Installation >25' To 30', Add</i> 13.98		
				<i>For Elevated Installation >30' To 35', Add</i> 15.97		
				<i>For Elevated Installation >35' To 40', Add</i> 19.97		
				<i>For Elevated Installation >40', Add</i> 21.96		
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 11.98		
26 05 33 13-0182	EA			4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing 54.53		22.18
				<i>For Work In Restricted Working Space, Add</i> 13.31		
				<i>For Elevated Installation >10' To 15', Add</i> 4.44		
				<i>For Elevated Installation >15' To 20', Add</i> 8.87		
				<i>For Elevated Installation >20' To 25', Add</i> 11.09		
				<i>For Elevated Installation >25' To 30', Add</i> 15.53		
				<i>For Elevated Installation >30' To 35', Add</i> 17.75		
				<i>For Elevated Installation >35' To 40', Add</i> 22.19		
				<i>For Elevated Installation >40', Add</i> 24.40		
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 13.31		

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-0183	EA	5" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	66.12	24.41
		<i>For Work In Restricted Working Space, Add</i>	14.64	
		<i>For Elevated Installation >10' To 15', Add</i>	4.88	
		<i>For Elevated Installation >15' To 20', Add</i>	9.76	
		<i>For Elevated Installation >20' To 25', Add</i>	12.20	
		<i>For Elevated Installation >25' To 30', Add</i>	17.08	
		<i>For Elevated Installation >30' To 35', Add</i>	19.52	
		<i>For Elevated Installation >35' To 40', Add</i>	24.40	
		<i>For Elevated Installation >40', Add</i>	26.84	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.64	
26 05 33 13-0184	EA	6" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	97.10	26.62
		<i>For Work In Restricted Working Space, Add</i>	15.97	
		<i>For Elevated Installation >10' To 15', Add</i>	5.32	
		<i>For Elevated Installation >15' To 20', Add</i>	10.65	
		<i>For Elevated Installation >20' To 25', Add</i>	13.31	
		<i>For Elevated Installation >25' To 30', Add</i>	18.63	
		<i>For Elevated Installation >30' To 35', Add</i>	21.29	
		<i>For Elevated Installation >35' To 40', Add</i>	26.62	
		<i>For Elevated Installation >40', Add</i>	29.28	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.97	
26 05 33 13-0185		Rigid Galvanized Steel (RGS) Steel Bushing <small>(26 05 33 13-0059)</small>		
26 05 33 13-0186	EA	1/2" Rigid Galvanized Steel (RGS) Steel Bushing	16.62	7.83
		<i>For Work In Restricted Working Space, Add</i>	4.70	
		<i>For Elevated Installation >10' To 15', Add</i>	1.57	
		<i>For Elevated Installation >15' To 20', Add</i>	3.13	
		<i>For Elevated Installation >20' To 25', Add</i>	3.92	
		<i>For Elevated Installation >25' To 30', Add</i>	5.48	
		<i>For Elevated Installation >30' To 35', Add</i>	6.26	
		<i>For Elevated Installation >35' To 40', Add</i>	7.83	
		<i>For Elevated Installation >40', Add</i>	8.61	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.70	
26 05 33 13-0187	EA	3/4" Rigid Galvanized Steel (RGS) Steel Bushing	18.11	8.35
		<i>For Work In Restricted Working Space, Add</i>	5.01	
		<i>For Elevated Installation >10' To 15', Add</i>	1.67	
		<i>For Elevated Installation >15' To 20', Add</i>	3.34	
		<i>For Elevated Installation >20' To 25', Add</i>	4.18	
		<i>For Elevated Installation >25' To 30', Add</i>	5.85	
		<i>For Elevated Installation >30' To 35', Add</i>	6.68	
		<i>For Elevated Installation >35' To 40', Add</i>	8.35	
		<i>For Elevated Installation >40', Add</i>	9.19	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.01	
26 05 33 13-0188	EA	1" Rigid Galvanized Steel (RGS) Steel Bushing	21.23	9.40
		<i>For Work In Restricted Working Space, Add</i>	5.64	
		<i>For Elevated Installation >10' To 15', Add</i>	1.88	
		<i>For Elevated Installation >15' To 20', Add</i>	3.76	
		<i>For Elevated Installation >20' To 25', Add</i>	4.70	
		<i>For Elevated Installation >25' To 30', Add</i>	6.58	
		<i>For Elevated Installation >30' To 35', Add</i>	7.52	
		<i>For Elevated Installation >35' To 40', Add</i>	9.40	
		<i>For Elevated Installation >40', Add</i>	10.33	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.64	
26 05 33 13-0189	EA	1-1/4" Rigid Galvanized Steel (RGS) Steel Bushing	23.90	10.44
		<i>For Work In Restricted Working Space, Add</i>	6.26	
		<i>For Elevated Installation >10' To 15', Add</i>	2.09	
		<i>For Elevated Installation >15' To 20', Add</i>	4.18	
		<i>For Elevated Installation >20' To 25', Add</i>	5.22	
		<i>For Elevated Installation >25' To 30', Add</i>	7.31	
		<i>For Elevated Installation >30' To 35', Add</i>	8.35	
		<i>For Elevated Installation >35' To 40', Add</i>	10.44	
		<i>For Elevated Installation >40', Add</i>	11.48	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.26	
26 05 33 13-0190	EA	1-1/2" Rigid Galvanized Steel (RGS) Steel Bushing	30.56	13.05
		<i>For Work In Restricted Working Space, Add</i>	7.83	
		<i>For Elevated Installation >10' To 15', Add</i>	2.61	
		<i>For Elevated Installation >15' To 20', Add</i>	5.22	
		<i>For Elevated Installation >20' To 25', Add</i>	6.53	
		<i>For Elevated Installation >25' To 30', Add</i>	9.14	
		<i>For Elevated Installation >30' To 35', Add</i>	10.44	
		<i>For Elevated Installation >35' To 40', Add</i>	13.05	
		<i>For Elevated Installation >40', Add</i>	14.36	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.83	
26 05 33 13-0191	EA	2" Rigid Galvanized Steel (RGS) Steel Bushing	36.11	15.66
		<i>For Work In Restricted Working Space, Add</i>	9.39	
		<i>For Elevated Installation >10' To 15', Add</i>	3.13	
		<i>For Elevated Installation >15' To 20', Add</i>	6.26	
		<i>For Elevated Installation >20' To 25', Add</i>	7.83	
		<i>For Elevated Installation >25' To 30', Add</i>	10.96	
		<i>For Elevated Installation >30' To 35', Add</i>	12.52	
		<i>For Elevated Installation >35' To 40', Add</i>	15.66	
		<i>For Elevated Installation >40', Add</i>	17.22	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.39	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0192 EA 2-1/2" Rigid Galvanized Steel (RGS) Steel Bushing.....	51.62	18.27
For Work In Restricted Working Space, Add	10.96	
For Elevated Installation >10' To 15', Add	3.65	
For Elevated Installation >15' To 20', Add	7.31	
For Elevated Installation >20' To 25', Add	9.14	
For Elevated Installation >25' To 30', Add	12.79	
For Elevated Installation >30' To 35', Add	14.62	
For Elevated Installation >35' To 40', Add	18.27	
For Elevated Installation >40', Add	20.10	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.96	
26 05 33 13-0193 EA 3" Rigid Galvanized Steel (RGS) Steel Bushing.....	61.54	20.88
For Work In Restricted Working Space, Add	12.53	
For Elevated Installation >10' To 15', Add	4.18	
For Elevated Installation >15' To 20', Add	8.35	
For Elevated Installation >20' To 25', Add	10.44	
For Elevated Installation >25' To 30', Add	14.61	
For Elevated Installation >30' To 35', Add	16.70	
For Elevated Installation >35' To 40', Add	20.88	
For Elevated Installation >40', Add	22.96	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.53	
26 05 33 13-0194 EA 3-1/2" Rigid Galvanized Steel (RGS) Steel Bushing.....	93.19	23.48
For Work In Restricted Working Space, Add	14.09	
For Elevated Installation >10' To 15', Add	4.70	
For Elevated Installation >15' To 20', Add	9.40	
For Elevated Installation >20' To 25', Add	11.75	
For Elevated Installation >25' To 30', Add	16.44	
For Elevated Installation >30' To 35', Add	18.79	
For Elevated Installation >35' To 40', Add	23.49	
For Elevated Installation >40', Add	25.84	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.09	
26 05 33 13-0195 EA 4" Rigid Galvanized Steel (RGS) Steel Bushing.....	127.14	26.10
For Work In Restricted Working Space, Add	15.66	
For Elevated Installation >10' To 15', Add	5.22	
For Elevated Installation >15' To 20', Add	10.44	
For Elevated Installation >20' To 25', Add	13.05	
For Elevated Installation >25' To 30', Add	18.27	
For Elevated Installation >30' To 35', Add	20.88	
For Elevated Installation >35' To 40', Add	26.10	
For Elevated Installation >40', Add	28.70	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.66	
26 05 33 13-0196 EA 5" Rigid Galvanized Steel (RGS) Steel Bushing.....	171.09	28.71
For Work In Restricted Working Space, Add	17.22	
For Elevated Installation >10' To 15', Add	5.74	
For Elevated Installation >15' To 20', Add	11.48	
For Elevated Installation >20' To 25', Add	14.35	
For Elevated Installation >25' To 30', Add	20.09	
For Elevated Installation >30' To 35', Add	22.96	
For Elevated Installation >35' To 40', Add	28.71	
For Elevated Installation >40', Add	31.58	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.22	
26 05 33 13-0197 EA 6" Rigid Galvanized Steel (RGS) Steel Bushing.....	254.49	31.31
For Work In Restricted Working Space, Add	18.79	
For Elevated Installation >10' To 15', Add	6.26	
For Elevated Installation >15' To 20', Add	12.53	
For Elevated Installation >20' To 25', Add	15.66	
For Elevated Installation >25' To 30', Add	21.92	
For Elevated Installation >30' To 35', Add	25.05	
For Elevated Installation >35' To 40', Add	31.32	
For Elevated Installation >40', Add	34.45	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.79	
26 05 33 13-0198 Rigid Galvanized Steel (RGS) Steel Insulated Bushing (26 05 33 13-0059)		
26 05 33 13-0199 EA 1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing.....	17.76	7.83
For Work In Restricted Working Space, Add	4.70	
For Elevated Installation >10' To 15', Add	1.57	
For Elevated Installation >15' To 20', Add	3.13	
For Elevated Installation >20' To 25', Add	3.92	
For Elevated Installation >25' To 30', Add	5.48	
For Elevated Installation >30' To 35', Add	6.26	
For Elevated Installation >35' To 40', Add	7.83	
For Elevated Installation >40', Add	8.61	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.70	
26 05 33 13-0200 EA 3/4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing.....	19.82	8.35
For Work In Restricted Working Space, Add	5.01	
For Elevated Installation >10' To 15', Add	1.67	
For Elevated Installation >15' To 20', Add	3.34	
For Elevated Installation >20' To 25', Add	4.18	
For Elevated Installation >25' To 30', Add	5.85	
For Elevated Installation >30' To 35', Add	6.68	
For Elevated Installation >35' To 40', Add	8.35	
For Elevated Installation >40', Add	9.19	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.01	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0201	EA 1" Rigid Galvanized Steel (RGS) Steel Insulated Bushing.....	23.39	9.40
	<i>For Work In Restricted Working Space, Add</i>	5.64	
	<i>For Elevated Installation >10' To 15', Add</i>	1.88	
	<i>For Elevated Installation >15' To 20', Add</i>	3.76	
	<i>For Elevated Installation >20' To 25', Add</i>	4.70	
	<i>For Elevated Installation >25' To 30', Add</i>	6.58	
	<i>For Elevated Installation >30' To 35', Add</i>	7.52	
	<i>For Elevated Installation >35' To 40', Add</i>	9.40	
	<i>For Elevated Installation >40', Add</i>	10.33	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.64	
26 05 33 13-0202	EA 1-1/4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	27.54	10.44
	<i>For Work In Restricted Working Space, Add</i>	6.26	
	<i>For Elevated Installation >10' To 15', Add</i>	2.09	
	<i>For Elevated Installation >15' To 20', Add</i>	4.18	
	<i>For Elevated Installation >20' To 25', Add</i>	5.22	
	<i>For Elevated Installation >25' To 30', Add</i>	7.31	
	<i>For Elevated Installation >30' To 35', Add</i>	8.35	
	<i>For Elevated Installation >35' To 40', Add</i>	10.44	
	<i>For Elevated Installation >40', Add</i>	11.48	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.26	
26 05 33 13-0203	EA 1-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	34.36	13.05
	<i>For Work In Restricted Working Space, Add</i>	7.83	
	<i>For Elevated Installation >10' To 15', Add</i>	2.61	
	<i>For Elevated Installation >15' To 20', Add</i>	5.22	
	<i>For Elevated Installation >20' To 25', Add</i>	6.53	
	<i>For Elevated Installation >25' To 30', Add</i>	9.14	
	<i>For Elevated Installation >30' To 35', Add</i>	10.44	
	<i>For Elevated Installation >35' To 40', Add</i>	13.05	
	<i>For Elevated Installation >40', Add</i>	14.36	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.83	
26 05 33 13-0204	EA 2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing.....	42.84	15.66
	<i>For Work In Restricted Working Space, Add</i>	9.39	
	<i>For Elevated Installation >10' To 15', Add</i>	3.13	
	<i>For Elevated Installation >15' To 20', Add</i>	6.26	
	<i>For Elevated Installation >20' To 25', Add</i>	7.83	
	<i>For Elevated Installation >25' To 30', Add</i>	10.96	
	<i>For Elevated Installation >30' To 35', Add</i>	12.52	
	<i>For Elevated Installation >35' To 40', Add</i>	15.66	
	<i>For Elevated Installation >40', Add</i>	17.22	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.39	
26 05 33 13-0205	EA 2-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	60.75	18.27
	<i>For Work In Restricted Working Space, Add</i>	10.96	
	<i>For Elevated Installation >10' To 15', Add</i>	3.65	
	<i>For Elevated Installation >15' To 20', Add</i>	7.31	
	<i>For Elevated Installation >20' To 25', Add</i>	9.14	
	<i>For Elevated Installation >25' To 30', Add</i>	12.79	
	<i>For Elevated Installation >30' To 35', Add</i>	14.62	
	<i>For Elevated Installation >35' To 40', Add</i>	18.27	
	<i>For Elevated Installation >40', Add</i>	20.10	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.96	
26 05 33 13-0206	EA 3" Rigid Galvanized Steel (RGS) Steel Insulated Bushing.....	72.24	20.88
	<i>For Work In Restricted Working Space, Add</i>	12.53	
	<i>For Elevated Installation >10' To 15', Add</i>	4.18	
	<i>For Elevated Installation >15' To 20', Add</i>	8.35	
	<i>For Elevated Installation >20' To 25', Add</i>	10.44	
	<i>For Elevated Installation >25' To 30', Add</i>	14.61	
	<i>For Elevated Installation >30' To 35', Add</i>	16.70	
	<i>For Elevated Installation >35' To 40', Add</i>	20.88	
	<i>For Elevated Installation >40', Add</i>	22.96	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.53	
26 05 33 13-0207	EA 3-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	95.18	23.48
	<i>For Work In Restricted Working Space, Add</i>	14.09	
	<i>For Elevated Installation >10' To 15', Add</i>	4.70	
	<i>For Elevated Installation >15' To 20', Add</i>	9.40	
	<i>For Elevated Installation >20' To 25', Add</i>	11.75	
	<i>For Elevated Installation >25' To 30', Add</i>	16.44	
	<i>For Elevated Installation >30' To 35', Add</i>	18.79	
	<i>For Elevated Installation >35' To 40', Add</i>	23.49	
	<i>For Elevated Installation >40', Add</i>	25.84	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.09	
26 05 33 13-0208	EA 4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing.....	136.05	26.10
	<i>For Work In Restricted Working Space, Add</i>	15.66	
	<i>For Elevated Installation >10' To 15', Add</i>	5.22	
	<i>For Elevated Installation >15' To 20', Add</i>	10.44	
	<i>For Elevated Installation >20' To 25', Add</i>	13.05	
	<i>For Elevated Installation >25' To 30', Add</i>	18.27	
	<i>For Elevated Installation >30' To 35', Add</i>	20.88	
	<i>For Elevated Installation >35' To 40', Add</i>	26.10	
	<i>For Elevated Installation >40', Add</i>	28.70	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.66	
26 05 33 13-0209	EA 5" Rigid Galvanized Steel (RGS) Steel Insulated Bushing.....	180.80	28.71
	<i>For Work In Restricted Working Space, Add</i>	17.22	
	<i>For Elevated Installation >10' To 15', Add</i>	5.74	
	<i>For Elevated Installation >15' To 20', Add</i>	11.48	
	<i>For Elevated Installation >20' To 25', Add</i>	14.35	
	<i>For Elevated Installation >25' To 30', Add</i>	20.09	
	<i>For Elevated Installation >30' To 35', Add</i>	22.96	
	<i>For Elevated Installation >35' To 40', Add</i>	28.71	
	<i>For Elevated Installation >40', Add</i>	31.58	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.22	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0210 EA 6" Rigid Galvanized Steel (RGS) Steel Insulated Bushing.....	257.92	31.31
For Work In Restricted Working Space, Add	18.79	
For Elevated Installation >10' To 15', Add	6.26	
For Elevated Installation >15' To 20', Add	12.53	
For Elevated Installation >20' To 25', Add	15.66	
For Elevated Installation >25' To 30', Add	21.92	
For Elevated Installation >30' To 35', Add	25.05	
For Elevated Installation >35' To 40', Add	31.32	
For Elevated Installation >40', Add	34.45	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.79	
26 05 33 13-0211 Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing (26 05 33 13-0059)		
26 05 33 13-0212 EA 1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	27.26	9.40
For Work In Restricted Working Space, Add	5.64	
For Elevated Installation >10' To 15', Add	1.88	
For Elevated Installation >15' To 20', Add	3.76	
For Elevated Installation >20' To 25', Add	4.70	
For Elevated Installation >25' To 30', Add	6.58	
For Elevated Installation >30' To 35', Add	7.52	
For Elevated Installation >35' To 40', Add	9.40	
For Elevated Installation >40', Add	10.33	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.64	
26 05 33 13-0213 EA 3/4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	30.55	10.44
For Work In Restricted Working Space, Add	6.26	
For Elevated Installation >10' To 15', Add	2.09	
For Elevated Installation >15' To 20', Add	4.18	
For Elevated Installation >20' To 25', Add	5.22	
For Elevated Installation >25' To 30', Add	7.31	
For Elevated Installation >30' To 35', Add	8.35	
For Elevated Installation >35' To 40', Add	10.44	
For Elevated Installation >40', Add	11.48	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.26	
26 05 33 13-0214 EA 1" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	35.02	11.48
For Work In Restricted Working Space, Add	6.89	
For Elevated Installation >10' To 15', Add	2.30	
For Elevated Installation >15' To 20', Add	4.59	
For Elevated Installation >20' To 25', Add	5.74	
For Elevated Installation >25' To 30', Add	8.04	
For Elevated Installation >30' To 35', Add	9.18	
For Elevated Installation >35' To 40', Add	11.48	
For Elevated Installation >40', Add	12.63	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.89	
26 05 33 13-0215 EA 1-1/4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	41.70	13.05
For Work In Restricted Working Space, Add	7.83	
For Elevated Installation >10' To 15', Add	2.61	
For Elevated Installation >15' To 20', Add	5.22	
For Elevated Installation >20' To 25', Add	6.53	
For Elevated Installation >25' To 30', Add	9.14	
For Elevated Installation >30' To 35', Add	10.44	
For Elevated Installation >35' To 40', Add	13.05	
For Elevated Installation >40', Add	14.36	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.83	
26 05 33 13-0216 EA 1-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	50.36	16.18
For Work In Restricted Working Space, Add	9.71	
For Elevated Installation >10' To 15', Add	3.24	
For Elevated Installation >15' To 20', Add	6.47	
For Elevated Installation >20' To 25', Add	8.09	
For Elevated Installation >25' To 30', Add	11.33	
For Elevated Installation >30' To 35', Add	12.94	
For Elevated Installation >35' To 40', Add	16.18	
For Elevated Installation >40', Add	17.80	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.71	
26 05 33 13-0217 EA 2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	63.63	19.31
For Work In Restricted Working Space, Add	11.59	
For Elevated Installation >10' To 15', Add	3.86	
For Elevated Installation >15' To 20', Add	7.72	
For Elevated Installation >20' To 25', Add	9.66	
For Elevated Installation >25' To 30', Add	13.52	
For Elevated Installation >30' To 35', Add	15.45	
For Elevated Installation >35' To 40', Add	19.31	
For Elevated Installation >40', Add	21.24	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.59	
26 05 33 13-0218 EA 2-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	85.75	22.44
For Work In Restricted Working Space, Add	13.47	
For Elevated Installation >10' To 15', Add	4.49	
For Elevated Installation >15' To 20', Add	8.98	
For Elevated Installation >20' To 25', Add	11.22	
For Elevated Installation >25' To 30', Add	15.71	
For Elevated Installation >30' To 35', Add	17.96	
For Elevated Installation >35' To 40', Add	22.45	
For Elevated Installation >40', Add	24.69	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.47	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-0219	EA	3" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	94.34	26.10
		<i>For Work In Restricted Working Space, Add</i>	15.66	
		<i>For Elevated Installation >10' To 15', Add</i>	5.22	
		<i>For Elevated Installation >15' To 20', Add</i>	10.44	
		<i>For Elevated Installation >20' To 25', Add</i>	13.05	
		<i>For Elevated Installation >25' To 30', Add</i>	18.27	
		<i>For Elevated Installation >30' To 35', Add</i>	20.88	
		<i>For Elevated Installation >35' To 40', Add</i>	26.10	
		<i>For Elevated Installation >40', Add</i>	28.70	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.66	
26 05 33 13-0220	EA	3-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	106.73	29.23
		<i>For Work In Restricted Working Space, Add</i>	17.54	
		<i>For Elevated Installation >10' To 15', Add</i>	5.85	
		<i>For Elevated Installation >15' To 20', Add</i>	11.69	
		<i>For Elevated Installation >20' To 25', Add</i>	14.62	
		<i>For Elevated Installation >25' To 30', Add</i>	20.46	
		<i>For Elevated Installation >30' To 35', Add</i>	23.38	
		<i>For Elevated Installation >35' To 40', Add</i>	29.23	
		<i>For Elevated Installation >40', Add</i>	32.15	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.54	
26 05 33 13-0221	EA	4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	138.61	32.36
		<i>For Work In Restricted Working Space, Add</i>	19.42	
		<i>For Elevated Installation >10' To 15', Add</i>	6.47	
		<i>For Elevated Installation >15' To 20', Add</i>	12.94	
		<i>For Elevated Installation >20' To 25', Add</i>	16.18	
		<i>For Elevated Installation >25' To 30', Add</i>	22.65	
		<i>For Elevated Installation >30' To 35', Add</i>	25.89	
		<i>For Elevated Installation >35' To 40', Add</i>	32.36	
		<i>For Elevated Installation >40', Add</i>	35.60	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.42	
26 05 33 13-0222	EA	5" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	198.17	35.50
		<i>For Work In Restricted Working Space, Add</i>	21.29	
		<i>For Elevated Installation >10' To 15', Add</i>	7.10	
		<i>For Elevated Installation >15' To 20', Add</i>	14.20	
		<i>For Elevated Installation >20' To 25', Add</i>	17.75	
		<i>For Elevated Installation >25' To 30', Add</i>	24.84	
		<i>For Elevated Installation >30' To 35', Add</i>	28.39	
		<i>For Elevated Installation >35' To 40', Add</i>	35.49	
		<i>For Elevated Installation >40', Add</i>	39.04	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.29	
26 05 33 13-0223	EA	6" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	274.35	39.15
		<i>For Work In Restricted Working Space, Add</i>	23.49	
		<i>For Elevated Installation >10' To 15', Add</i>	7.83	
		<i>For Elevated Installation >15' To 20', Add</i>	15.66	
		<i>For Elevated Installation >20' To 25', Add</i>	19.57	
		<i>For Elevated Installation >25' To 30', Add</i>	27.40	
		<i>For Elevated Installation >30' To 35', Add</i>	31.32	
		<i>For Elevated Installation >35' To 40', Add</i>	39.15	
		<i>For Elevated Installation >40', Add</i>	43.06	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.49	
26 05 33 13-0224		Rigid Galvanized Steel (RGS) Box Connectors With Set Screw <small>(26 05 33 13-0059)</small>	17.10	4.80
26 05 33 13-0225	EA	1/2" Rigid Galvanized Steel (RGS) Box Connector With Set Screw	3.57	4.80
		<i>For Work In Restricted Working Space, Add</i>	1.19	
		<i>For Elevated Installation >10' To 15', Add</i>	2.38	
		<i>For Elevated Installation >15' To 20', Add</i>	2.98	
		<i>For Elevated Installation >20' To 25', Add</i>	4.17	
		<i>For Elevated Installation >25' To 30', Add</i>	4.76	
		<i>For Elevated Installation >30' To 35', Add</i>	5.96	
		<i>For Elevated Installation >35' To 40', Add</i>	6.55	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.57	
26 05 33 13-0226	EA	3/4" Rigid Galvanized Steel (RGS) Box Connector With Set Screw	21.00	5.53
		<i>For Work In Restricted Working Space, Add</i>	4.14	
		<i>For Elevated Installation >10' To 15', Add</i>	1.38	
		<i>For Elevated Installation >15' To 20', Add</i>	2.76	
		<i>For Elevated Installation >20' To 25', Add</i>	3.45	
		<i>For Elevated Installation >25' To 30', Add</i>	4.83	
		<i>For Elevated Installation >30' To 35', Add</i>	5.52	
		<i>For Elevated Installation >35' To 40', Add</i>	6.90	
		<i>For Elevated Installation >40', Add</i>	7.58	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.14	
26 05 33 13-0227	EA	1" Rigid Galvanized Steel (RGS) Box Connector With Set Screw	28.12	6.68
		<i>For Work In Restricted Working Space, Add</i>	4.99	
		<i>For Elevated Installation >10' To 15', Add</i>	1.66	
		<i>For Elevated Installation >15' To 20', Add</i>	3.33	
		<i>For Elevated Installation >20' To 25', Add</i>	4.16	
		<i>For Elevated Installation >25' To 30', Add</i>	5.82	
		<i>For Elevated Installation >30' To 35', Add</i>	6.65	
		<i>For Elevated Installation >35' To 40', Add</i>	8.32	
		<i>For Elevated Installation >40', Add</i>	9.15	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.99	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0228 EA 1-1/4" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	43.22	8.24
For Work In Restricted Working Space, Add	6.21	
For Elevated Installation >10' To 15', Add	2.07	
For Elevated Installation >15' To 20', Add	4.14	
For Elevated Installation >20' To 25', Add	5.17	
For Elevated Installation >25' To 30', Add	7.24	
For Elevated Installation >30' To 35', Add	8.28	
For Elevated Installation >35' To 40', Add	10.35	
For Elevated Installation >40', Add	11.38	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.21	
26 05 33 13-0229 EA 1-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	58.64	11.07
For Work In Restricted Working Space, Add	8.31	
For Elevated Installation >10' To 15', Add	2.77	
For Elevated Installation >15' To 20', Add	5.54	
For Elevated Installation >20' To 25', Add	6.92	
For Elevated Installation >25' To 30', Add	9.69	
For Elevated Installation >30' To 35', Add	11.08	
For Elevated Installation >35' To 40', Add	13.85	
For Elevated Installation >40', Add	15.23	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.31	
26 05 33 13-0230 EA 2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw.....	102.14	16.59
For Work In Restricted Working Space, Add	12.44	
For Elevated Installation >10' To 15', Add	4.15	
For Elevated Installation >15' To 20', Add	8.29	
For Elevated Installation >20' To 25', Add	10.37	
For Elevated Installation >25' To 30', Add	14.51	
For Elevated Installation >30' To 35', Add	16.59	
For Elevated Installation >35' To 40', Add	20.74	
For Elevated Installation >40', Add	22.81	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.44	
26 05 33 13-0231 EA 2-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	196.08	18.37
For Work In Restricted Working Space, Add	13.78	
For Elevated Installation >10' To 15', Add	4.59	
For Elevated Installation >15' To 20', Add	9.19	
For Elevated Installation >20' To 25', Add	11.48	
For Elevated Installation >25' To 30', Add	16.08	
For Elevated Installation >30' To 35', Add	18.37	
For Elevated Installation >35' To 40', Add	22.97	
For Elevated Installation >40', Add	25.26	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.78	
26 05 33 13-0232 EA 3" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw.....	233.36	22.23
For Work In Restricted Working Space, Add	16.69	
For Elevated Installation >10' To 15', Add	5.56	
For Elevated Installation >15' To 20', Add	11.13	
For Elevated Installation >20' To 25', Add	13.91	
For Elevated Installation >25' To 30', Add	19.47	
For Elevated Installation >30' To 35', Add	22.25	
For Elevated Installation >35' To 40', Add	27.82	
For Elevated Installation >40', Add	30.60	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.69	
26 05 33 13-0233 EA 3-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	317.85	27.88
For Work In Restricted Working Space, Add	20.89	
For Elevated Installation >10' To 15', Add	6.96	
For Elevated Installation >15' To 20', Add	13.93	
For Elevated Installation >20' To 25', Add	17.41	
For Elevated Installation >25' To 30', Add	24.37	
For Elevated Installation >30' To 35', Add	27.86	
For Elevated Installation >35' To 40', Add	34.82	
For Elevated Installation >40', Add	38.30	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.89	
26 05 33 13-0234 EA 4" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw.....	371.56	33.40
For Work In Restricted Working Space, Add	25.05	
For Elevated Installation >10' To 15', Add	8.35	
For Elevated Installation >15' To 20', Add	16.70	
For Elevated Installation >20' To 25', Add	20.88	
For Elevated Installation >25' To 30', Add	29.23	
For Elevated Installation >30' To 35', Add	33.40	
For Elevated Installation >35' To 40', Add	41.76	
For Elevated Installation >40', Add	45.93	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.05	
26 05 33 13-0235 EA 5" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw.....	675.02	37.16
For Work In Restricted Working Space, Add	27.84	
For Elevated Installation >10' To 15', Add	9.28	
For Elevated Installation >15' To 20', Add	18.56	
For Elevated Installation >20' To 25', Add	23.20	
For Elevated Installation >25' To 30', Add	32.48	
For Elevated Installation >30' To 35', Add	37.12	
For Elevated Installation >35' To 40', Add	46.40	
For Elevated Installation >40', Add	51.04	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	27.84	
26 05 33 13-0236 EA 6" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw.....	809.16	41.75
For Work In Restricted Working Space, Add	31.31	
For Elevated Installation >10' To 15', Add	10.44	
For Elevated Installation >15' To 20', Add	20.87	
For Elevated Installation >20' To 25', Add	26.09	
For Elevated Installation >25' To 30', Add	36.53	
For Elevated Installation >30' To 35', Add	41.75	
For Elevated Installation >35' To 40', Add	52.19	
For Elevated Installation >40', Add	57.40	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	31.31	

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 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0237		Rigid Galvanized Steel (RGS) Nipples <small>(26 05 33 13-0059)</small>		
26 05 33	13-0238	EA	1/2" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	15.37	6.79
			For Work In Restricted Working Space, Add	4.07	
			For Elevated Installation >10' To 15', Add	1.36	
			For Elevated Installation >15' To 20', Add	2.71	
			For Elevated Installation >20' To 25', Add	3.39	
			For Elevated Installation >25' To 30', Add	4.75	
			For Elevated Installation >30' To 35', Add	5.43	
			For Elevated Installation >35' To 40', Add	6.79	
			For Elevated Installation >40', Add	7.46	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.07	
26 05 33	13-0239	EA	3/4" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	17.67	7.83
			For Work In Restricted Working Space, Add	4.70	
			For Elevated Installation >10' To 15', Add	1.57	
			For Elevated Installation >15' To 20', Add	3.13	
			For Elevated Installation >20' To 25', Add	3.91	
			For Elevated Installation >25' To 30', Add	5.48	
			For Elevated Installation >30' To 35', Add	6.26	
			For Elevated Installation >35' To 40', Add	7.83	
			For Elevated Installation >40', Add	8.61	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.70	
26 05 33	13-0240	EA	1" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	22.65	9.92
			For Work In Restricted Working Space, Add	5.95	
			For Elevated Installation >10' To 15', Add	1.98	
			For Elevated Installation >15' To 20', Add	3.97	
			For Elevated Installation >20' To 25', Add	4.96	
			For Elevated Installation >25' To 30', Add	6.94	
			For Elevated Installation >30' To 35', Add	7.93	
			For Elevated Installation >35' To 40', Add	9.92	
			For Elevated Installation >40', Add	10.91	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.95	
26 05 33	13-0241	EA	1-1/4" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	26.55	11.48
			For Work In Restricted Working Space, Add	6.89	
			For Elevated Installation >10' To 15', Add	2.30	
			For Elevated Installation >15' To 20', Add	4.59	
			For Elevated Installation >20' To 25', Add	5.74	
			For Elevated Installation >25' To 30', Add	8.04	
			For Elevated Installation >30' To 35', Add	9.18	
			For Elevated Installation >35' To 40', Add	11.48	
			For Elevated Installation >40', Add	12.63	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.89	
26 05 33	13-0242	EA	1-1/2" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	30.34	13.05
			For Work In Restricted Working Space, Add	7.83	
			For Elevated Installation >10' To 15', Add	2.61	
			For Elevated Installation >15' To 20', Add	5.22	
			For Elevated Installation >20' To 25', Add	6.52	
			For Elevated Installation >25' To 30', Add	9.13	
			For Elevated Installation >30' To 35', Add	10.44	
			For Elevated Installation >35' To 40', Add	13.05	
			For Elevated Installation >40', Add	14.35	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.83	
26 05 33	13-0243	EA	1/2" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	15.51	6.79
			For Work In Restricted Working Space, Add	4.07	
			For Elevated Installation >10' To 15', Add	1.36	
			For Elevated Installation >15' To 20', Add	2.71	
			For Elevated Installation >20' To 25', Add	3.39	
			For Elevated Installation >25' To 30', Add	4.75	
			For Elevated Installation >30' To 35', Add	5.43	
			For Elevated Installation >35' To 40', Add	6.79	
			For Elevated Installation >40', Add	7.46	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.07	
26 05 33	13-0244	EA	3/4" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	17.90	7.83
			For Work In Restricted Working Space, Add	4.70	
			For Elevated Installation >10' To 15', Add	1.57	
			For Elevated Installation >15' To 20', Add	3.13	
			For Elevated Installation >20' To 25', Add	3.91	
			For Elevated Installation >25' To 30', Add	5.48	
			For Elevated Installation >30' To 35', Add	6.26	
			For Elevated Installation >35' To 40', Add	7.83	
			For Elevated Installation >40', Add	8.61	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.70	
26 05 33	13-0245	EA	1" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	22.90	9.92
			For Work In Restricted Working Space, Add	5.95	
			For Elevated Installation >10' To 15', Add	1.98	
			For Elevated Installation >15' To 20', Add	3.97	
			For Elevated Installation >20' To 25', Add	4.96	
			For Elevated Installation >25' To 30', Add	6.94	
			For Elevated Installation >30' To 35', Add	7.93	
			For Elevated Installation >35' To 40', Add	9.92	
			For Elevated Installation >40', Add	10.91	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.95	
26 05 33	13-0246	EA	1-1/4" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	26.89	11.48
			For Work In Restricted Working Space, Add	6.89	
			For Elevated Installation >10' To 15', Add	2.30	
			For Elevated Installation >15' To 20', Add	4.59	
			For Elevated Installation >20' To 25', Add	5.74	
			For Elevated Installation >25' To 30', Add	8.04	
			For Elevated Installation >30' To 35', Add	9.18	
			For Elevated Installation >35' To 40', Add	11.48	
			For Elevated Installation >40', Add	12.63	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.89	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0247	EA		1-1/2" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	30.89	13.05
				<i>For Work In Restricted Working Space, Add</i>	7.83	
				<i>For Elevated Installation >10' To 15', Add</i>	2.61	
				<i>For Elevated Installation >15' To 20', Add</i>	5.22	
				<i>For Elevated Installation >20' To 25', Add</i>	6.52	
				<i>For Elevated Installation >25' To 30', Add</i>	9.13	
				<i>For Elevated Installation >30' To 35', Add</i>	10.44	
				<i>For Elevated Installation >35' To 40', Add</i>	13.05	
				<i>For Elevated Installation >40', Add</i>	14.35	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.83	
26 05 33	13-0248	EA		2" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	35.03	14.62
				<i>For Work In Restricted Working Space, Add</i>	8.77	
				<i>For Elevated Installation >10' To 15', Add</i>	2.92	
				<i>For Elevated Installation >15' To 20', Add</i>	5.85	
				<i>For Elevated Installation >20' To 25', Add</i>	7.31	
				<i>For Elevated Installation >25' To 30', Add</i>	10.23	
				<i>For Elevated Installation >30' To 35', Add</i>	11.69	
				<i>For Elevated Installation >35' To 40', Add</i>	14.62	
				<i>For Elevated Installation >40', Add</i>	16.08	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.77	
26 05 33	13-0249	EA		1/2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple.....	15.67	6.79
				<i>For Work In Restricted Working Space, Add</i>	4.07	
				<i>For Elevated Installation >10' To 15', Add</i>	1.36	
				<i>For Elevated Installation >15' To 20', Add</i>	2.71	
				<i>For Elevated Installation >20' To 25', Add</i>	3.39	
				<i>For Elevated Installation >25' To 30', Add</i>	4.75	
				<i>For Elevated Installation >30' To 35', Add</i>	5.43	
				<i>For Elevated Installation >35' To 40', Add</i>	6.79	
				<i>For Elevated Installation >40', Add</i>	7.46	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.07	
26 05 33	13-0250	EA		3/4" x 3" Long, Rigid Galvanized Steel (RGS) Nipple.....	18.10	7.83
				<i>For Work In Restricted Working Space, Add</i>	4.70	
				<i>For Elevated Installation >10' To 15', Add</i>	1.57	
				<i>For Elevated Installation >15' To 20', Add</i>	3.13	
				<i>For Elevated Installation >20' To 25', Add</i>	3.91	
				<i>For Elevated Installation >25' To 30', Add</i>	5.48	
				<i>For Elevated Installation >30' To 35', Add</i>	6.26	
				<i>For Elevated Installation >35' To 40', Add</i>	7.83	
				<i>For Elevated Installation >40', Add</i>	8.61	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.70	
26 05 33	13-0251	EA		1" x 3" Long, Rigid Galvanized Steel (RGS) Nipple.....	23.25	9.92
				<i>For Work In Restricted Working Space, Add</i>	5.95	
				<i>For Elevated Installation >10' To 15', Add</i>	1.98	
				<i>For Elevated Installation >15' To 20', Add</i>	3.97	
				<i>For Elevated Installation >20' To 25', Add</i>	4.96	
				<i>For Elevated Installation >25' To 30', Add</i>	6.94	
				<i>For Elevated Installation >30' To 35', Add</i>	7.93	
				<i>For Elevated Installation >35' To 40', Add</i>	9.92	
				<i>For Elevated Installation >40', Add</i>	10.91	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.95	
26 05 33	13-0252	EA		1-1/4" x 3" Long, Rigid Galvanized Steel (RGS) Nipple.....	27.20	11.48
				<i>For Work In Restricted Working Space, Add</i>	6.89	
				<i>For Elevated Installation >10' To 15', Add</i>	2.30	
				<i>For Elevated Installation >15' To 20', Add</i>	4.59	
				<i>For Elevated Installation >20' To 25', Add</i>	5.74	
				<i>For Elevated Installation >25' To 30', Add</i>	8.04	
				<i>For Elevated Installation >30' To 35', Add</i>	9.18	
				<i>For Elevated Installation >35' To 40', Add</i>	11.48	
				<i>For Elevated Installation >40', Add</i>	12.63	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.89	
26 05 33	13-0253	EA		1-1/2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple.....	31.25	13.05
				<i>For Work In Restricted Working Space, Add</i>	7.83	
				<i>For Elevated Installation >10' To 15', Add</i>	2.61	
				<i>For Elevated Installation >15' To 20', Add</i>	5.22	
				<i>For Elevated Installation >20' To 25', Add</i>	6.52	
				<i>For Elevated Installation >25' To 30', Add</i>	9.13	
				<i>For Elevated Installation >30' To 35', Add</i>	10.44	
				<i>For Elevated Installation >35' To 40', Add</i>	13.05	
				<i>For Elevated Installation >40', Add</i>	14.35	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.83	
26 05 33	13-0254	EA		2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple.....	35.93	14.62
				<i>For Work In Restricted Working Space, Add</i>	8.77	
				<i>For Elevated Installation >10' To 15', Add</i>	2.92	
				<i>For Elevated Installation >15' To 20', Add</i>	5.85	
				<i>For Elevated Installation >20' To 25', Add</i>	7.31	
				<i>For Elevated Installation >25' To 30', Add</i>	10.23	
				<i>For Elevated Installation >30' To 35', Add</i>	11.69	
				<i>For Elevated Installation >35' To 40', Add</i>	14.62	
				<i>For Elevated Installation >40', Add</i>	16.08	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.77	
26 05 33	13-0255	EA		2-1/2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple.....	49.33	17.75
				<i>For Work In Restricted Working Space, Add</i>	10.65	
				<i>For Elevated Installation >10' To 15', Add</i>	3.55	
				<i>For Elevated Installation >15' To 20', Add</i>	7.10	
				<i>For Elevated Installation >20' To 25', Add</i>	8.87	
				<i>For Elevated Installation >25' To 30', Add</i>	12.42	
				<i>For Elevated Installation >30' To 35', Add</i>	14.20	
				<i>For Elevated Installation >35' To 40', Add</i>	17.75	
				<i>For Elevated Installation >40', Add</i>	19.52	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.65	

26 Electrical

26 05 Common Work Results for Electrical

26 05 33 Raceway and Boxes for Electrical Systems



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-0256	EA	3" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	66.08	24.54
		<i>For Work In Restricted Working Space, Add</i>	14.72	
		<i>For Elevated Installation >10' To 15', Add</i>	4.91	
		<i>For Elevated Installation >15' To 20', Add</i>	9.81	
		<i>For Elevated Installation >20' To 25', Add</i>	12.27	
		<i>For Elevated Installation >25' To 30', Add</i>	17.17	
		<i>For Elevated Installation >30' To 35', Add</i>	19.62	
		<i>For Elevated Installation >35' To 40', Add</i>	24.53	
		<i>For Elevated Installation >40', Add</i>	26.98	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.72	
26 05 33 13-0257	EA	1/2" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	15.87	6.79
		<i>For Work In Restricted Working Space, Add</i>	4.07	
		<i>For Elevated Installation >10' To 15', Add</i>	1.36	
		<i>For Elevated Installation >15' To 20', Add</i>	2.71	
		<i>For Elevated Installation >20' To 25', Add</i>	3.39	
		<i>For Elevated Installation >25' To 30', Add</i>	4.75	
		<i>For Elevated Installation >30' To 35', Add</i>	5.43	
		<i>For Elevated Installation >35' To 40', Add</i>	6.79	
		<i>For Elevated Installation >40', Add</i>	7.46	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.07	
26 05 33 13-0258	EA	3/4" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	18.21	7.83
		<i>For Work In Restricted Working Space, Add</i>	4.70	
		<i>For Elevated Installation >10' To 15', Add</i>	1.57	
		<i>For Elevated Installation >15' To 20', Add</i>	3.13	
		<i>For Elevated Installation >20' To 25', Add</i>	3.92	
		<i>For Elevated Installation >25' To 30', Add</i>	5.48	
		<i>For Elevated Installation >30' To 35', Add</i>	6.26	
		<i>For Elevated Installation >35' To 40', Add</i>	7.83	
		<i>For Elevated Installation >40', Add</i>	8.61	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.70	
26 05 33 13-0259	EA	1" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	23.71	9.92
		<i>For Work In Restricted Working Space, Add</i>	5.95	
		<i>For Elevated Installation >10' To 15', Add</i>	1.98	
		<i>For Elevated Installation >15' To 20', Add</i>	3.97	
		<i>For Elevated Installation >20' To 25', Add</i>	4.96	
		<i>For Elevated Installation >25' To 30', Add</i>	6.94	
		<i>For Elevated Installation >30' To 35', Add</i>	7.93	
		<i>For Elevated Installation >35' To 40', Add</i>	9.92	
		<i>For Elevated Installation >40', Add</i>	10.91	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.95	
26 05 33 13-0260	EA	1-1/4" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	27.78	11.48
		<i>For Work In Restricted Working Space, Add</i>	6.89	
		<i>For Elevated Installation >10' To 15', Add</i>	2.30	
		<i>For Elevated Installation >15' To 20', Add</i>	4.59	
		<i>For Elevated Installation >20' To 25', Add</i>	5.74	
		<i>For Elevated Installation >25' To 30', Add</i>	8.04	
		<i>For Elevated Installation >30' To 35', Add</i>	9.18	
		<i>For Elevated Installation >35' To 40', Add</i>	11.48	
		<i>For Elevated Installation >40', Add</i>	12.63	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.89	
26 05 33 13-0261	EA	1-1/2" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	32.03	13.05
		<i>For Work In Restricted Working Space, Add</i>	7.83	
		<i>For Elevated Installation >10' To 15', Add</i>	2.61	
		<i>For Elevated Installation >15' To 20', Add</i>	5.22	
		<i>For Elevated Installation >20' To 25', Add</i>	6.52	
		<i>For Elevated Installation >25' To 30', Add</i>	9.13	
		<i>For Elevated Installation >30' To 35', Add</i>	10.44	
		<i>For Elevated Installation >35' To 40', Add</i>	13.05	
		<i>For Elevated Installation >40', Add</i>	14.35	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.83	
26 05 33 13-0262	EA	2" x 3-1/2" Long, Rigid Galvanized Steel (RGS), Nipple	36.86	14.62
		<i>For Work In Restricted Working Space, Add</i>	8.77	
		<i>For Elevated Installation >10' To 15', Add</i>	2.92	
		<i>For Elevated Installation >15' To 20', Add</i>	5.85	
		<i>For Elevated Installation >20' To 25', Add</i>	7.31	
		<i>For Elevated Installation >25' To 30', Add</i>	10.23	
		<i>For Elevated Installation >30' To 35', Add</i>	11.69	
		<i>For Elevated Installation >35' To 40', Add</i>	14.62	
		<i>For Elevated Installation >40', Add</i>	16.08	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.77	
26 05 33 13-0263	EA	2-1/2" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	51.85	17.75
		<i>For Work In Restricted Working Space, Add</i>	10.65	
		<i>For Elevated Installation >10' To 15', Add</i>	3.55	
		<i>For Elevated Installation >15' To 20', Add</i>	7.10	
		<i>For Elevated Installation >20' To 25', Add</i>	8.87	
		<i>For Elevated Installation >25' To 30', Add</i>	12.42	
		<i>For Elevated Installation >30' To 35', Add</i>	14.20	
		<i>For Elevated Installation >35' To 40', Add</i>	17.75	
		<i>For Elevated Installation >40', Add</i>	19.52	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.65	
26 05 33 13-0264	EA	3" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	68.26	24.54
		<i>For Work In Restricted Working Space, Add</i>	14.72	
		<i>For Elevated Installation >10' To 15', Add</i>	4.91	
		<i>For Elevated Installation >15' To 20', Add</i>	9.81	
		<i>For Elevated Installation >20' To 25', Add</i>	12.27	
		<i>For Elevated Installation >25' To 30', Add</i>	17.17	
		<i>For Elevated Installation >30' To 35', Add</i>	19.62	
		<i>For Elevated Installation >35' To 40', Add</i>	24.53	
		<i>For Elevated Installation >40', Add</i>	26.98	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.72	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0265	EA	1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	16.06	6.79
			<i>For Work In Restricted Working Space, Add</i>	4.07	
			<i>For Elevated Installation >10' To 15', Add</i>	1.36	
			<i>For Elevated Installation >15' To 20', Add</i>	2.71	
			<i>For Elevated Installation >20' To 25', Add</i>	3.39	
			<i>For Elevated Installation >25' To 30', Add</i>	4.75	
			<i>For Elevated Installation >30' To 35', Add</i>	5.43	
			<i>For Elevated Installation >35' To 40', Add</i>	6.79	
			<i>For Elevated Installation >40', Add</i>	7.46	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.07	
26 05 33	13-0266	EA	3/4" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	18.56	7.83
			<i>For Work In Restricted Working Space, Add</i>	4.70	
			<i>For Elevated Installation >10' To 15', Add</i>	1.57	
			<i>For Elevated Installation >15' To 20', Add</i>	3.13	
			<i>For Elevated Installation >20' To 25', Add</i>	3.92	
			<i>For Elevated Installation >25' To 30', Add</i>	5.48	
			<i>For Elevated Installation >30' To 35', Add</i>	6.26	
			<i>For Elevated Installation >35' To 40', Add</i>	7.83	
			<i>For Elevated Installation >40', Add</i>	8.61	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.70	
26 05 33	13-0267	EA	1" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	23.99	9.92
			<i>For Work In Restricted Working Space, Add</i>	5.95	
			<i>For Elevated Installation >10' To 15', Add</i>	1.98	
			<i>For Elevated Installation >15' To 20', Add</i>	3.97	
			<i>For Elevated Installation >20' To 25', Add</i>	4.96	
			<i>For Elevated Installation >25' To 30', Add</i>	6.94	
			<i>For Elevated Installation >30' To 35', Add</i>	7.93	
			<i>For Elevated Installation >35' To 40', Add</i>	9.92	
			<i>For Elevated Installation >40', Add</i>	10.91	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.95	
26 05 33	13-0268	EA	1-1/4" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	28.06	11.48
			<i>For Work In Restricted Working Space, Add</i>	6.89	
			<i>For Elevated Installation >10' To 15', Add</i>	2.30	
			<i>For Elevated Installation >15' To 20', Add</i>	4.59	
			<i>For Elevated Installation >20' To 25', Add</i>	5.74	
			<i>For Elevated Installation >25' To 30', Add</i>	8.04	
			<i>For Elevated Installation >30' To 35', Add</i>	9.18	
			<i>For Elevated Installation >35' To 40', Add</i>	11.48	
			<i>For Elevated Installation >40', Add</i>	12.63	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.89	
26 05 33	13-0269	EA	1-1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	32.55	13.05
			<i>For Work In Restricted Working Space, Add</i>	7.83	
			<i>For Elevated Installation >10' To 15', Add</i>	2.61	
			<i>For Elevated Installation >15' To 20', Add</i>	5.22	
			<i>For Elevated Installation >20' To 25', Add</i>	6.52	
			<i>For Elevated Installation >25' To 30', Add</i>	9.13	
			<i>For Elevated Installation >30' To 35', Add</i>	10.44	
			<i>For Elevated Installation >35' To 40', Add</i>	13.05	
			<i>For Elevated Installation >40', Add</i>	14.35	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.83	
26 05 33	13-0270	EA	2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	37.66	14.62
			<i>For Work In Restricted Working Space, Add</i>	8.77	
			<i>For Elevated Installation >10' To 15', Add</i>	2.92	
			<i>For Elevated Installation >15' To 20', Add</i>	5.85	
			<i>For Elevated Installation >20' To 25', Add</i>	7.31	
			<i>For Elevated Installation >25' To 30', Add</i>	10.23	
			<i>For Elevated Installation >30' To 35', Add</i>	11.69	
			<i>For Elevated Installation >35' To 40', Add</i>	14.62	
			<i>For Elevated Installation >40', Add</i>	16.08	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.77	
26 05 33	13-0271	EA	2-1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	52.63	17.75
			<i>For Work In Restricted Working Space, Add</i>	10.65	
			<i>For Elevated Installation >10' To 15', Add</i>	3.55	
			<i>For Elevated Installation >15' To 20', Add</i>	7.10	
			<i>For Elevated Installation >20' To 25', Add</i>	8.87	
			<i>For Elevated Installation >25' To 30', Add</i>	12.42	
			<i>For Elevated Installation >30' To 35', Add</i>	14.20	
			<i>For Elevated Installation >35' To 40', Add</i>	17.75	
			<i>For Elevated Installation >40', Add</i>	19.52	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.65	
26 05 33	13-0272	EA	3" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	69.87	24.54
			<i>For Work In Restricted Working Space, Add</i>	14.72	
			<i>For Elevated Installation >10' To 15', Add</i>	4.91	
			<i>For Elevated Installation >15' To 20', Add</i>	9.81	
			<i>For Elevated Installation >20' To 25', Add</i>	12.27	
			<i>For Elevated Installation >25' To 30', Add</i>	17.17	
			<i>For Elevated Installation >30' To 35', Add</i>	19.62	
			<i>For Elevated Installation >35' To 40', Add</i>	24.53	
			<i>For Elevated Installation >40', Add</i>	26.98	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.72	
26 05 33	13-0273	EA	3-1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	80.65	27.66
			<i>For Work In Restricted Working Space, Add</i>	16.60	
			<i>For Elevated Installation >10' To 15', Add</i>	5.53	
			<i>For Elevated Installation >15' To 20', Add</i>	11.06	
			<i>For Elevated Installation >20' To 25', Add</i>	13.83	
			<i>For Elevated Installation >25' To 30', Add</i>	19.36	
			<i>For Elevated Installation >30' To 35', Add</i>	22.13	
			<i>For Elevated Installation >35' To 40', Add</i>	27.66	
			<i>For Elevated Installation >40', Add</i>	30.43	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.60	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0274	EA 4" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	100.46	36.02
	For Work In Restricted Working Space, Add	21.61	
	For Elevated Installation >10' To 15', Add	7.20	
	For Elevated Installation >15' To 20', Add	14.40	
	For Elevated Installation >20' To 25', Add	18.01	
	For Elevated Installation >25' To 30', Add	25.21	
	For Elevated Installation >30' To 35', Add	28.81	
	For Elevated Installation >35' To 40', Add	36.01	
	For Elevated Installation >40', Add	39.61	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.61	
26 05 33 13-0275	EA 1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	16.36	6.79
	For Work In Restricted Working Space, Add	4.07	
	For Elevated Installation >10' To 15', Add	1.36	
	For Elevated Installation >15' To 20', Add	2.71	
	For Elevated Installation >20' To 25', Add	3.39	
	For Elevated Installation >25' To 30', Add	4.75	
	For Elevated Installation >30' To 35', Add	5.43	
	For Elevated Installation >35' To 40', Add	6.79	
	For Elevated Installation >40', Add	7.46	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.07	
26 05 33 13-0276	EA 3/4" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	19.00	7.83
	For Work In Restricted Working Space, Add	4.70	
	For Elevated Installation >10' To 15', Add	1.57	
	For Elevated Installation >15' To 20', Add	3.13	
	For Elevated Installation >20' To 25', Add	3.92	
	For Elevated Installation >25' To 30', Add	5.48	
	For Elevated Installation >30' To 35', Add	6.26	
	For Elevated Installation >35' To 40', Add	7.83	
	For Elevated Installation >40', Add	8.61	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.70	
26 05 33 13-0277	EA 1" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	24.54	9.92
	For Work In Restricted Working Space, Add	5.95	
	For Elevated Installation >10' To 15', Add	1.98	
	For Elevated Installation >15' To 20', Add	3.97	
	For Elevated Installation >20' To 25', Add	4.96	
	For Elevated Installation >25' To 30', Add	6.94	
	For Elevated Installation >30' To 35', Add	7.93	
	For Elevated Installation >35' To 40', Add	9.92	
	For Elevated Installation >40', Add	10.91	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.95	
26 05 33 13-0278	EA 1-1/4" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	28.87	11.48
	For Work In Restricted Working Space, Add	6.89	
	For Elevated Installation >10' To 15', Add	2.30	
	For Elevated Installation >15' To 20', Add	4.59	
	For Elevated Installation >20' To 25', Add	5.74	
	For Elevated Installation >25' To 30', Add	8.04	
	For Elevated Installation >30' To 35', Add	9.18	
	For Elevated Installation >35' To 40', Add	11.48	
	For Elevated Installation >40', Add	12.63	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.89	
26 05 33 13-0279	EA 1-1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	33.34	13.05
	For Work In Restricted Working Space, Add	7.83	
	For Elevated Installation >10' To 15', Add	2.61	
	For Elevated Installation >15' To 20', Add	5.22	
	For Elevated Installation >20' To 25', Add	6.52	
	For Elevated Installation >25' To 30', Add	9.13	
	For Elevated Installation >30' To 35', Add	10.44	
	For Elevated Installation >35' To 40', Add	13.05	
	For Elevated Installation >40', Add	14.35	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.83	
26 05 33 13-0280	EA 2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	39.06	14.62
	For Work In Restricted Working Space, Add	8.77	
	For Elevated Installation >10' To 15', Add	2.92	
	For Elevated Installation >15' To 20', Add	5.85	
	For Elevated Installation >20' To 25', Add	7.31	
	For Elevated Installation >25' To 30', Add	10.23	
	For Elevated Installation >30' To 35', Add	11.69	
	For Elevated Installation >35' To 40', Add	14.62	
	For Elevated Installation >40', Add	16.08	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.77	
26 05 33 13-0281	EA 2-1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	55.74	17.75
	For Work In Restricted Working Space, Add	10.65	
	For Elevated Installation >10' To 15', Add	3.55	
	For Elevated Installation >15' To 20', Add	7.10	
	For Elevated Installation >20' To 25', Add	8.87	
	For Elevated Installation >25' To 30', Add	12.42	
	For Elevated Installation >30' To 35', Add	14.20	
	For Elevated Installation >35' To 40', Add	17.75	
	For Elevated Installation >40', Add	19.52	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.65	
26 05 33 13-0282	EA 3" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	73.25	24.54
	For Work In Restricted Working Space, Add	14.72	
	For Elevated Installation >10' To 15', Add	4.91	
	For Elevated Installation >15' To 20', Add	9.81	
	For Elevated Installation >20' To 25', Add	12.27	
	For Elevated Installation >25' To 30', Add	17.17	
	For Elevated Installation >30' To 35', Add	19.62	
	For Elevated Installation >35' To 40', Add	24.53	
	For Elevated Installation >40', Add	26.98	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.72	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0283 EA 3-1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple.....	84.01	27.66
For Work In Restricted Working Space, Add	16.60	
For Elevated Installation >10' To 15', Add	5.53	
For Elevated Installation >15' To 20', Add	11.06	
For Elevated Installation >20' To 25', Add	13.83	
For Elevated Installation >25' To 30', Add	19.36	
For Elevated Installation >30' To 35', Add	22.13	
For Elevated Installation >35' To 40', Add	27.66	
For Elevated Installation >40', Add	30.43	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.60	
26 05 33 13-0284 EA 4" x 5" Long, Rigid Galvanized Steel (RGS) Nipple.....	105.37	36.02
For Work In Restricted Working Space, Add	21.61	
For Elevated Installation >10' To 15', Add	7.20	
For Elevated Installation >15' To 20', Add	14.40	
For Elevated Installation >20' To 25', Add	18.01	
For Elevated Installation >25' To 30', Add	25.21	
For Elevated Installation >30' To 35', Add	28.81	
For Elevated Installation >35' To 40', Add	36.01	
For Elevated Installation >40', Add	39.61	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.61	
26 05 33 13-0285 EA 5" x 5" Long, Rigid Galvanized Steel (RGS) Nipple.....	163.90	49.58
For Work In Restricted Working Space, Add	29.75	
For Elevated Installation >10' To 15', Add	9.92	
For Elevated Installation >15' To 20', Add	19.83	
For Elevated Installation >20' To 25', Add	24.79	
For Elevated Installation >25' To 30', Add	34.71	
For Elevated Installation >30' To 35', Add	39.67	
For Elevated Installation >35' To 40', Add	49.59	
For Elevated Installation >40', Add	54.54	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	29.75	
26 05 33 13-0286 EA 6" x 5" Long, Rigid Galvanized Steel (RGS) Nipple.....	207.89	63.57
For Work In Restricted Working Space, Add	38.17	
For Elevated Installation >10' To 15', Add	12.72	
For Elevated Installation >15' To 20', Add	25.44	
For Elevated Installation >20' To 25', Add	31.81	
For Elevated Installation >25' To 30', Add	44.53	
For Elevated Installation >30' To 35', Add	50.89	
For Elevated Installation >35' To 40', Add	63.61	
For Elevated Installation >40', Add	69.97	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	38.17	
26 05 33 13-0287 EA 1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple.....	16.90	6.79
For Work In Restricted Working Space, Add	4.07	
For Elevated Installation >10' To 15', Add	1.36	
For Elevated Installation >15' To 20', Add	2.71	
For Elevated Installation >20' To 25', Add	3.39	
For Elevated Installation >25' To 30', Add	4.75	
For Elevated Installation >30' To 35', Add	5.43	
For Elevated Installation >35' To 40', Add	6.79	
For Elevated Installation >40', Add	7.46	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.07	
26 05 33 13-0288 EA 3/4" x 6" Long, Rigid Galvanized Steel (RGS) Nipple.....	19.55	7.83
For Work In Restricted Working Space, Add	4.70	
For Elevated Installation >10' To 15', Add	1.57	
For Elevated Installation >15' To 20', Add	3.13	
For Elevated Installation >20' To 25', Add	3.92	
For Elevated Installation >25' To 30', Add	5.48	
For Elevated Installation >30' To 35', Add	6.26	
For Elevated Installation >35' To 40', Add	7.83	
For Elevated Installation >40', Add	8.61	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.70	
26 05 33 13-0289 EA 1" x 6" Long, Rigid Galvanized Steel (RGS) Nipple.....	24.98	9.92
For Work In Restricted Working Space, Add	5.95	
For Elevated Installation >10' To 15', Add	1.98	
For Elevated Installation >15' To 20', Add	3.97	
For Elevated Installation >20' To 25', Add	4.96	
For Elevated Installation >25' To 30', Add	6.94	
For Elevated Installation >30' To 35', Add	7.93	
For Elevated Installation >35' To 40', Add	9.92	
For Elevated Installation >40', Add	10.91	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.95	
26 05 33 13-0290 EA 1-1/4" x 6" Long, Rigid Galvanized Steel (RGS) Nipple.....	29.61	11.48
For Work In Restricted Working Space, Add	6.89	
For Elevated Installation >10' To 15', Add	2.30	
For Elevated Installation >15' To 20', Add	4.59	
For Elevated Installation >20' To 25', Add	5.74	
For Elevated Installation >25' To 30', Add	8.04	
For Elevated Installation >30' To 35', Add	9.18	
For Elevated Installation >35' To 40', Add	11.48	
For Elevated Installation >40', Add	12.63	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.89	
26 05 33 13-0291 EA 1-1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple.....	35.00	13.05
For Work In Restricted Working Space, Add	7.83	
For Elevated Installation >10' To 15', Add	2.61	
For Elevated Installation >15' To 20', Add	5.22	
For Elevated Installation >20' To 25', Add	6.52	
For Elevated Installation >25' To 30', Add	9.13	
For Elevated Installation >30' To 35', Add	10.44	
For Elevated Installation >35' To 40', Add	13.05	
For Elevated Installation >40', Add	14.35	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.83	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0292	EA 2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	40.47	14.62
	For Work In Restricted Working Space, Add	8.77	
	For Elevated Installation >10' To 15', Add	2.92	
	For Elevated Installation >15' To 20', Add	5.85	
	For Elevated Installation >20' To 25', Add	7.31	
	For Elevated Installation >25' To 30', Add	10.23	
	For Elevated Installation >30' To 35', Add	11.69	
	For Elevated Installation >35' To 40', Add	14.62	
	For Elevated Installation >40', Add	16.08	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.77	
26 05 33 13-0293	EA 2-1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	58.48	17.75
	For Work In Restricted Working Space, Add	10.65	
	For Elevated Installation >10' To 15', Add	3.55	
	For Elevated Installation >15' To 20', Add	7.10	
	For Elevated Installation >20' To 25', Add	8.87	
	For Elevated Installation >25' To 30', Add	12.42	
	For Elevated Installation >30' To 35', Add	14.20	
	For Elevated Installation >35' To 40', Add	17.75	
	For Elevated Installation >40', Add	19.52	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.65	
26 05 33 13-0294	EA 3" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	76.69	24.54
	For Work In Restricted Working Space, Add	14.72	
	For Elevated Installation >10' To 15', Add	4.91	
	For Elevated Installation >15' To 20', Add	9.81	
	For Elevated Installation >20' To 25', Add	12.27	
	For Elevated Installation >25' To 30', Add	17.17	
	For Elevated Installation >30' To 35', Add	19.62	
	For Elevated Installation >35' To 40', Add	24.53	
	For Elevated Installation >40', Add	26.98	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.72	
26 05 33 13-0295	EA 3-1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	88.11	27.66
	For Work In Restricted Working Space, Add	16.60	
	For Elevated Installation >10' To 15', Add	5.53	
	For Elevated Installation >15' To 20', Add	11.06	
	For Elevated Installation >20' To 25', Add	13.83	
	For Elevated Installation >25' To 30', Add	19.36	
	For Elevated Installation >30' To 35', Add	22.13	
	For Elevated Installation >35' To 40', Add	27.66	
	For Elevated Installation >40', Add	30.43	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.60	
26 05 33 13-0296	EA 4" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	109.26	36.02
	For Work In Restricted Working Space, Add	21.61	
	For Elevated Installation >10' To 15', Add	7.20	
	For Elevated Installation >15' To 20', Add	14.40	
	For Elevated Installation >20' To 25', Add	18.01	
	For Elevated Installation >25' To 30', Add	25.21	
	For Elevated Installation >30' To 35', Add	28.81	
	For Elevated Installation >35' To 40', Add	36.01	
	For Elevated Installation >40', Add	39.61	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.61	
26 05 33 13-0297	EA 5" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	169.61	49.58
	For Work In Restricted Working Space, Add	29.75	
	For Elevated Installation >10' To 15', Add	9.92	
	For Elevated Installation >15' To 20', Add	19.83	
	For Elevated Installation >20' To 25', Add	24.79	
	For Elevated Installation >25' To 30', Add	34.71	
	For Elevated Installation >30' To 35', Add	39.67	
	For Elevated Installation >35' To 40', Add	49.59	
	For Elevated Installation >40', Add	54.54	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	29.75	
26 05 33 13-0298	EA 6" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	216.24	63.57
	For Work In Restricted Working Space, Add	38.17	
	For Elevated Installation >10' To 15', Add	12.72	
	For Elevated Installation >15' To 20', Add	25.44	
	For Elevated Installation >20' To 25', Add	31.81	
	For Elevated Installation >25' To 30', Add	44.53	
	For Elevated Installation >30' To 35', Add	50.89	
	For Elevated Installation >35' To 40', Add	63.61	
	For Elevated Installation >40', Add	69.97	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	38.17	
26 05 33 13-0299	EA 1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	18.87	6.79
	For Work In Restricted Working Space, Add	4.07	
	For Elevated Installation >10' To 15', Add	1.36	
	For Elevated Installation >15' To 20', Add	2.71	
	For Elevated Installation >20' To 25', Add	3.39	
	For Elevated Installation >25' To 30', Add	4.75	
	For Elevated Installation >30' To 35', Add	5.43	
	For Elevated Installation >35' To 40', Add	6.79	
	For Elevated Installation >40', Add	7.46	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.07	
26 05 33 13-0300	EA 3/4" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	22.08	7.83
	For Work In Restricted Working Space, Add	4.70	
	For Elevated Installation >10' To 15', Add	1.57	
	For Elevated Installation >15' To 20', Add	3.13	
	For Elevated Installation >20' To 25', Add	3.92	
	For Elevated Installation >25' To 30', Add	5.48	
	For Elevated Installation >30' To 35', Add	6.26	
	For Elevated Installation >35' To 40', Add	7.83	
	For Elevated Installation >40', Add	8.61	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.70	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0301 EA 1" x 8" Long, Rigid Galvanized Steel (RGS) Nipple.....	27.95	9.92
For Work In Restricted Working Space, Add	5.95	
For Elevated Installation >10' To 15', Add	1.98	
For Elevated Installation >15' To 20', Add	3.97	
For Elevated Installation >20' To 25', Add	4.96	
For Elevated Installation >25' To 30', Add	6.94	
For Elevated Installation >30' To 35', Add	7.93	
For Elevated Installation >35' To 40', Add	9.92	
For Elevated Installation >40', Add	10.91	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.95	
26 05 33 13-0302 EA 1-1/4" x 8" Long, Rigid Galvanized Steel (RGS) Nipple.....	33.84	11.48
For Work In Restricted Working Space, Add	6.89	
For Elevated Installation >10' To 15', Add	2.30	
For Elevated Installation >15' To 20', Add	4.59	
For Elevated Installation >20' To 25', Add	5.74	
For Elevated Installation >25' To 30', Add	8.04	
For Elevated Installation >30' To 35', Add	9.18	
For Elevated Installation >35' To 40', Add	11.48	
For Elevated Installation >40', Add	12.63	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.89	
26 05 33 13-0303 EA 1-1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple.....	39.72	13.05
For Work In Restricted Working Space, Add	7.83	
For Elevated Installation >10' To 15', Add	2.61	
For Elevated Installation >15' To 20', Add	5.22	
For Elevated Installation >20' To 25', Add	6.52	
For Elevated Installation >25' To 30', Add	9.13	
For Elevated Installation >30' To 35', Add	10.44	
For Elevated Installation >35' To 40', Add	13.05	
For Elevated Installation >40', Add	14.35	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.83	
26 05 33 13-0304 EA 2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple.....	45.45	14.62
For Work In Restricted Working Space, Add	8.77	
For Elevated Installation >10' To 15', Add	2.92	
For Elevated Installation >15' To 20', Add	5.85	
For Elevated Installation >20' To 25', Add	7.31	
For Elevated Installation >25' To 30', Add	10.23	
For Elevated Installation >30' To 35', Add	11.69	
For Elevated Installation >35' To 40', Add	14.62	
For Elevated Installation >40', Add	16.08	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.77	
26 05 33 13-0305 EA 2-1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple.....	65.72	17.75
For Work In Restricted Working Space, Add	10.65	
For Elevated Installation >10' To 15', Add	3.55	
For Elevated Installation >15' To 20', Add	7.10	
For Elevated Installation >20' To 25', Add	8.87	
For Elevated Installation >25' To 30', Add	12.42	
For Elevated Installation >30' To 35', Add	14.20	
For Elevated Installation >35' To 40', Add	17.75	
For Elevated Installation >40', Add	19.52	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.65	
26 05 33 13-0306 EA 3" x 8" Long, Rigid Galvanized Steel (RGS) Nipple.....	85.01	24.54
For Work In Restricted Working Space, Add	14.72	
For Elevated Installation >10' To 15', Add	4.91	
For Elevated Installation >15' To 20', Add	9.81	
For Elevated Installation >20' To 25', Add	12.27	
For Elevated Installation >25' To 30', Add	17.17	
For Elevated Installation >30' To 35', Add	19.62	
For Elevated Installation >35' To 40', Add	24.53	
For Elevated Installation >40', Add	26.98	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.72	
26 05 33 13-0307 EA 3-1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple.....	96.41	27.66
For Work In Restricted Working Space, Add	16.60	
For Elevated Installation >10' To 15', Add	5.53	
For Elevated Installation >15' To 20', Add	11.06	
For Elevated Installation >20' To 25', Add	13.83	
For Elevated Installation >25' To 30', Add	19.36	
For Elevated Installation >30' To 35', Add	22.13	
For Elevated Installation >35' To 40', Add	27.66	
For Elevated Installation >40', Add	30.43	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.60	
26 05 33 13-0308 EA 4" x 8" Long, Rigid Galvanized Steel (RGS) Nipple.....	118.43	36.02
For Work In Restricted Working Space, Add	21.61	
For Elevated Installation >10' To 15', Add	7.20	
For Elevated Installation >15' To 20', Add	14.40	
For Elevated Installation >20' To 25', Add	18.01	
For Elevated Installation >25' To 30', Add	25.21	
For Elevated Installation >30' To 35', Add	28.81	
For Elevated Installation >35' To 40', Add	36.01	
For Elevated Installation >40', Add	39.61	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.61	
26 05 33 13-0309 EA 5" x 8" Long, Rigid Galvanized Steel (RGS) Nipple.....	182.83	49.58
For Work In Restricted Working Space, Add	29.75	
For Elevated Installation >10' To 15', Add	9.92	
For Elevated Installation >15' To 20', Add	19.83	
For Elevated Installation >20' To 25', Add	24.79	
For Elevated Installation >25' To 30', Add	34.71	
For Elevated Installation >30' To 35', Add	39.67	
For Elevated Installation >35' To 40', Add	49.59	
For Elevated Installation >40', Add	54.54	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	29.75	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0310	EA 6" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	231.09	63.57
	<i>For Work In Restricted Working Space, Add</i>	38.17	
	<i>For Elevated Installation >10' To 15', Add</i>	12.72	
	<i>For Elevated Installation >15' To 20', Add</i>	25.44	
	<i>For Elevated Installation >20' To 25', Add</i>	31.81	
	<i>For Elevated Installation >25' To 30', Add</i>	44.53	
	<i>For Elevated Installation >30' To 35', Add</i>	50.89	
	<i>For Elevated Installation >35' To 40', Add</i>	63.61	
	<i>For Elevated Installation >40', Add</i>	69.97	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.17	
26 05 33 13-0311	EA 1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	20.21	6.79
	<i>For Work In Restricted Working Space, Add</i>	4.07	
	<i>For Elevated Installation >10' To 15', Add</i>	1.36	
	<i>For Elevated Installation >15' To 20', Add</i>	2.71	
	<i>For Elevated Installation >20' To 25', Add</i>	3.39	
	<i>For Elevated Installation >25' To 30', Add</i>	4.75	
	<i>For Elevated Installation >30' To 35', Add</i>	5.43	
	<i>For Elevated Installation >35' To 40', Add</i>	6.79	
	<i>For Elevated Installation >40', Add</i>	7.46	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.07	
26 05 33 13-0312	EA 3/4" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	23.37	7.83
	<i>For Work In Restricted Working Space, Add</i>	4.70	
	<i>For Elevated Installation >10' To 15', Add</i>	1.57	
	<i>For Elevated Installation >15' To 20', Add</i>	3.13	
	<i>For Elevated Installation >20' To 25', Add</i>	3.92	
	<i>For Elevated Installation >25' To 30', Add</i>	5.48	
	<i>For Elevated Installation >30' To 35', Add</i>	6.26	
	<i>For Elevated Installation >35' To 40', Add</i>	7.83	
	<i>For Elevated Installation >40', Add</i>	8.61	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.70	
26 05 33 13-0313	EA 1" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	30.32	9.92
	<i>For Work In Restricted Working Space, Add</i>	5.95	
	<i>For Elevated Installation >10' To 15', Add</i>	1.98	
	<i>For Elevated Installation >15' To 20', Add</i>	3.97	
	<i>For Elevated Installation >20' To 25', Add</i>	4.96	
	<i>For Elevated Installation >25' To 30', Add</i>	6.94	
	<i>For Elevated Installation >30' To 35', Add</i>	7.93	
	<i>For Elevated Installation >35' To 40', Add</i>	9.92	
	<i>For Elevated Installation >40', Add</i>	10.91	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.95	
26 05 33 13-0314	EA 1-1/4" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	36.65	11.48
	<i>For Work In Restricted Working Space, Add</i>	6.89	
	<i>For Elevated Installation >10' To 15', Add</i>	2.30	
	<i>For Elevated Installation >15' To 20', Add</i>	4.59	
	<i>For Elevated Installation >20' To 25', Add</i>	5.74	
	<i>For Elevated Installation >25' To 30', Add</i>	8.04	
	<i>For Elevated Installation >30' To 35', Add</i>	9.18	
	<i>For Elevated Installation >35' To 40', Add</i>	11.48	
	<i>For Elevated Installation >40', Add</i>	12.63	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.89	
26 05 33 13-0315	EA 1-1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	42.48	13.05
	<i>For Work In Restricted Working Space, Add</i>	7.83	
	<i>For Elevated Installation >10' To 15', Add</i>	2.61	
	<i>For Elevated Installation >15' To 20', Add</i>	5.22	
	<i>For Elevated Installation >20' To 25', Add</i>	6.52	
	<i>For Elevated Installation >25' To 30', Add</i>	9.13	
	<i>For Elevated Installation >30' To 35', Add</i>	10.44	
	<i>For Elevated Installation >35' To 40', Add</i>	13.05	
	<i>For Elevated Installation >40', Add</i>	14.35	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.83	
26 05 33 13-0316	EA 2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	48.66	14.62
	<i>For Work In Restricted Working Space, Add</i>	8.77	
	<i>For Elevated Installation >10' To 15', Add</i>	2.92	
	<i>For Elevated Installation >15' To 20', Add</i>	5.85	
	<i>For Elevated Installation >20' To 25', Add</i>	7.31	
	<i>For Elevated Installation >25' To 30', Add</i>	10.23	
	<i>For Elevated Installation >30' To 35', Add</i>	11.69	
	<i>For Elevated Installation >35' To 40', Add</i>	14.62	
	<i>For Elevated Installation >40', Add</i>	16.08	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.77	
26 05 33 13-0317	EA 2-1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	70.59	17.75
	<i>For Work In Restricted Working Space, Add</i>	10.65	
	<i>For Elevated Installation >10' To 15', Add</i>	3.55	
	<i>For Elevated Installation >15' To 20', Add</i>	7.10	
	<i>For Elevated Installation >20' To 25', Add</i>	8.87	
	<i>For Elevated Installation >25' To 30', Add</i>	12.42	
	<i>For Elevated Installation >30' To 35', Add</i>	14.20	
	<i>For Elevated Installation >35' To 40', Add</i>	17.75	
	<i>For Elevated Installation >40', Add</i>	19.52	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.65	
26 05 33 13-0318	EA 3" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	91.55	24.54
	<i>For Work In Restricted Working Space, Add</i>	14.72	
	<i>For Elevated Installation >10' To 15', Add</i>	4.91	
	<i>For Elevated Installation >15' To 20', Add</i>	9.81	
	<i>For Elevated Installation >20' To 25', Add</i>	12.27	
	<i>For Elevated Installation >25' To 30', Add</i>	17.17	
	<i>For Elevated Installation >30' To 35', Add</i>	19.62	
	<i>For Elevated Installation >35' To 40', Add</i>	24.53	
	<i>For Elevated Installation >40', Add</i>	26.98	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.72	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0319 EA 3-1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple.....	105.02	27.66
For Work In Restricted Working Space, Add	16.60	
For Elevated Installation >10' To 15', Add	5.53	
For Elevated Installation >15' To 20', Add	11.06	
For Elevated Installation >20' To 25', Add	13.83	
For Elevated Installation >25' To 30', Add	19.36	
For Elevated Installation >30' To 35', Add	22.13	
For Elevated Installation >35' To 40', Add	27.66	
For Elevated Installation >40', Add	30.43	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.60	
26 05 33 13-0320 EA 4" x 10" Long, Rigid Galvanized Steel (RGS) Nipple.....	129.35	36.02
For Work In Restricted Working Space, Add	21.61	
For Elevated Installation >10' To 15', Add	7.20	
For Elevated Installation >15' To 20', Add	14.40	
For Elevated Installation >20' To 25', Add	18.01	
For Elevated Installation >25' To 30', Add	25.21	
For Elevated Installation >30' To 35', Add	28.81	
For Elevated Installation >35' To 40', Add	36.01	
For Elevated Installation >40', Add	39.61	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.61	
26 05 33 13-0321 EA 5" x 10" Long, Rigid Galvanized Steel (RGS) Nipple.....	197.25	49.58
For Work In Restricted Working Space, Add	29.75	
For Elevated Installation >10' To 15', Add	9.92	
For Elevated Installation >15' To 20', Add	19.83	
For Elevated Installation >20' To 25', Add	24.79	
For Elevated Installation >25' To 30', Add	34.71	
For Elevated Installation >30' To 35', Add	39.67	
For Elevated Installation >35' To 40', Add	49.59	
For Elevated Installation >40', Add	54.54	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	29.75	
26 05 33 13-0322 EA 6" x 10" Long, Rigid Galvanized Steel (RGS) Nipple.....	257.04	63.57
For Work In Restricted Working Space, Add	38.17	
For Elevated Installation >10' To 15', Add	12.72	
For Elevated Installation >15' To 20', Add	25.44	
For Elevated Installation >20' To 25', Add	31.81	
For Elevated Installation >25' To 30', Add	44.53	
For Elevated Installation >30' To 35', Add	50.89	
For Elevated Installation >35' To 40', Add	63.61	
For Elevated Installation >40', Add	69.97	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	38.17	
26 05 33 13-0323 EA 1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple.....	21.22	6.79
For Work In Restricted Working Space, Add	4.07	
For Elevated Installation >10' To 15', Add	1.36	
For Elevated Installation >15' To 20', Add	2.71	
For Elevated Installation >20' To 25', Add	3.39	
For Elevated Installation >25' To 30', Add	4.75	
For Elevated Installation >30' To 35', Add	5.43	
For Elevated Installation >35' To 40', Add	6.79	
For Elevated Installation >40', Add	7.46	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.07	
26 05 33 13-0324 EA 3/4" x 12" Long, Rigid Galvanized Steel (RGS) Nipple.....	24.32	7.83
For Work In Restricted Working Space, Add	4.70	
For Elevated Installation >10' To 15', Add	1.57	
For Elevated Installation >15' To 20', Add	3.13	
For Elevated Installation >20' To 25', Add	3.92	
For Elevated Installation >25' To 30', Add	5.48	
For Elevated Installation >30' To 35', Add	6.26	
For Elevated Installation >35' To 40', Add	7.83	
For Elevated Installation >40', Add	8.61	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.70	
26 05 33 13-0325 EA 1" x 12" Long, Rigid Galvanized Steel (RGS) Nipple.....	31.74	9.92
For Work In Restricted Working Space, Add	5.95	
For Elevated Installation >10' To 15', Add	1.98	
For Elevated Installation >15' To 20', Add	3.97	
For Elevated Installation >20' To 25', Add	4.96	
For Elevated Installation >25' To 30', Add	6.94	
For Elevated Installation >30' To 35', Add	7.93	
For Elevated Installation >35' To 40', Add	9.92	
For Elevated Installation >40', Add	10.91	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.95	
26 05 33 13-0326 EA 1-1/4" x 12" Long, Rigid Galvanized Steel (RGS) Nipple.....	38.90	11.48
For Work In Restricted Working Space, Add	6.89	
For Elevated Installation >10' To 15', Add	2.30	
For Elevated Installation >15' To 20', Add	4.59	
For Elevated Installation >20' To 25', Add	5.74	
For Elevated Installation >25' To 30', Add	8.04	
For Elevated Installation >30' To 35', Add	9.18	
For Elevated Installation >35' To 40', Add	11.48	
For Elevated Installation >40', Add	12.63	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.89	
26 05 33 13-0327 EA 1-1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple.....	43.87	13.05
For Work In Restricted Working Space, Add	7.83	
For Elevated Installation >10' To 15', Add	2.61	
For Elevated Installation >15' To 20', Add	5.22	
For Elevated Installation >20' To 25', Add	6.52	
For Elevated Installation >25' To 30', Add	9.13	
For Elevated Installation >30' To 35', Add	10.44	
For Elevated Installation >35' To 40', Add	13.05	
For Elevated Installation >40', Add	14.35	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.83	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-0328	EA	2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	51.35	14.62
		<i>For Work In Restricted Working Space, Add</i>	8.77	
		<i>For Elevated Installation >10' To 15', Add</i>	2.92	
		<i>For Elevated Installation >15' To 20', Add</i>	5.85	
		<i>For Elevated Installation >20' To 25', Add</i>	7.31	
		<i>For Elevated Installation >25' To 30', Add</i>	10.23	
		<i>For Elevated Installation >30' To 35', Add</i>	11.69	
		<i>For Elevated Installation >35' To 40', Add</i>	14.62	
		<i>For Elevated Installation >40', Add</i>	16.08	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.77	
26 05 33 13-0329	EA	2-1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	76.32	17.75
		<i>For Work In Restricted Working Space, Add</i>	10.65	
		<i>For Elevated Installation >10' To 15', Add</i>	3.55	
		<i>For Elevated Installation >15' To 20', Add</i>	7.10	
		<i>For Elevated Installation >20' To 25', Add</i>	8.87	
		<i>For Elevated Installation >25' To 30', Add</i>	12.42	
		<i>For Elevated Installation >30' To 35', Add</i>	14.20	
		<i>For Elevated Installation >35' To 40', Add</i>	17.75	
		<i>For Elevated Installation >40', Add</i>	19.52	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.65	
26 05 33 13-0330	EA	3" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	100.65	24.54
		<i>For Work In Restricted Working Space, Add</i>	14.72	
		<i>For Elevated Installation >10' To 15', Add</i>	4.91	
		<i>For Elevated Installation >15' To 20', Add</i>	9.81	
		<i>For Elevated Installation >20' To 25', Add</i>	12.27	
		<i>For Elevated Installation >25' To 30', Add</i>	17.17	
		<i>For Elevated Installation >30' To 35', Add</i>	19.62	
		<i>For Elevated Installation >35' To 40', Add</i>	24.53	
		<i>For Elevated Installation >40', Add</i>	26.98	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.72	
26 05 33 13-0331	EA	3-1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	113.41	27.66
		<i>For Work In Restricted Working Space, Add</i>	16.60	
		<i>For Elevated Installation >10' To 15', Add</i>	5.53	
		<i>For Elevated Installation >15' To 20', Add</i>	11.06	
		<i>For Elevated Installation >20' To 25', Add</i>	13.83	
		<i>For Elevated Installation >25' To 30', Add</i>	19.36	
		<i>For Elevated Installation >30' To 35', Add</i>	22.13	
		<i>For Elevated Installation >35' To 40', Add</i>	27.66	
		<i>For Elevated Installation >40', Add</i>	30.43	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.60	
26 05 33 13-0332	EA	4" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	140.27	36.02
		<i>For Work In Restricted Working Space, Add</i>	21.61	
		<i>For Elevated Installation >10' To 15', Add</i>	7.20	
		<i>For Elevated Installation >15' To 20', Add</i>	14.40	
		<i>For Elevated Installation >20' To 25', Add</i>	18.01	
		<i>For Elevated Installation >25' To 30', Add</i>	25.21	
		<i>For Elevated Installation >30' To 35', Add</i>	28.81	
		<i>For Elevated Installation >35' To 40', Add</i>	36.01	
		<i>For Elevated Installation >40', Add</i>	39.61	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.61	
26 05 33 13-0333	EA	5" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	217.98	49.58
		<i>For Work In Restricted Working Space, Add</i>	29.75	
		<i>For Elevated Installation >10' To 15', Add</i>	9.92	
		<i>For Elevated Installation >15' To 20', Add</i>	19.83	
		<i>For Elevated Installation >20' To 25', Add</i>	24.79	
		<i>For Elevated Installation >25' To 30', Add</i>	34.71	
		<i>For Elevated Installation >30' To 35', Add</i>	39.67	
		<i>For Elevated Installation >35' To 40', Add</i>	49.59	
		<i>For Elevated Installation >40', Add</i>	54.54	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.75	
26 05 33 13-0334	EA	6" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	271.46	63.57
		<i>For Work In Restricted Working Space, Add</i>	38.17	
		<i>For Elevated Installation >10' To 15', Add</i>	12.72	
		<i>For Elevated Installation >15' To 20', Add</i>	25.44	
		<i>For Elevated Installation >20' To 25', Add</i>	31.81	
		<i>For Elevated Installation >25' To 30', Add</i>	44.53	
		<i>For Elevated Installation >30' To 35', Add</i>	50.89	
		<i>For Elevated Installation >35' To 40', Add</i>	63.61	
		<i>For Elevated Installation >40', Add</i>	69.97	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.17	

26 05 33 13-0335 Rigid Galvanized Steel (RGS) Off-Set Nipples (26 05 33 13-0059)

26 05 33 13-0336	EA	1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple	16.45	5.42
		<i>For Work In Restricted Working Space, Add</i>	4.10	
		<i>For Elevated Installation >10' To 15', Add</i>	1.37	
		<i>For Elevated Installation >15' To 20', Add</i>	2.74	
		<i>For Elevated Installation >20' To 25', Add</i>	3.42	
		<i>For Elevated Installation >25' To 30', Add</i>	4.79	
		<i>For Elevated Installation >30' To 35', Add</i>	5.47	
		<i>For Elevated Installation >35' To 40', Add</i>	6.84	
		<i>For Elevated Installation >40', Add</i>	7.52	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.10	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0337	EA		3/4" Rigid Galvanized Steel (RGS) Off-Set Nipple.....	19.80	6.27
				<i>For Work In Restricted Working Space, Add</i>	4.67	
				<i>For Elevated Installation >10' To 15', Add</i>	1.56	
				<i>For Elevated Installation >15' To 20', Add</i>	3.11	
				<i>For Elevated Installation >20' To 25', Add</i>	3.89	
				<i>For Elevated Installation >25' To 30', Add</i>	5.45	
				<i>For Elevated Installation >30' To 35', Add</i>	6.23	
				<i>For Elevated Installation >35' To 40', Add</i>	7.79	
				<i>For Elevated Installation >40', Add</i>	8.56	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.67	
26 05 33	13-0338	EA		1" Rigid Galvanized Steel (RGS) Off-Set Nipple.....	24.75	7.93
				<i>For Work In Restricted Working Space, Add</i>	5.97	
				<i>For Elevated Installation >10' To 15', Add</i>	1.99	
				<i>For Elevated Installation >15' To 20', Add</i>	3.98	
				<i>For Elevated Installation >20' To 25', Add</i>	4.98	
				<i>For Elevated Installation >25' To 30', Add</i>	6.97	
				<i>For Elevated Installation >30' To 35', Add</i>	7.96	
				<i>For Elevated Installation >35' To 40', Add</i>	9.96	
				<i>For Elevated Installation >40', Add</i>	10.95	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.97	
26 05 33	13-0339	EA		1-1/4" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated.....	31.67	9.50
				<i>For Work In Restricted Working Space, Add</i>	7.16	
				<i>For Elevated Installation >10' To 15', Add</i>	2.39	
				<i>For Elevated Installation >15' To 20', Add</i>	4.77	
				<i>For Elevated Installation >20' To 25', Add</i>	5.97	
				<i>For Elevated Installation >25' To 30', Add</i>	8.35	
				<i>For Elevated Installation >30' To 35', Add</i>	9.54	
				<i>For Elevated Installation >35' To 40', Add</i>	11.93	
				<i>For Elevated Installation >40', Add</i>	13.12	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.16	
26 05 33	13-0340	EA		1-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated.....	34.69	10.44
				<i>For Work In Restricted Working Space, Add</i>	7.84	
				<i>For Elevated Installation >10' To 15', Add</i>	2.61	
				<i>For Elevated Installation >15' To 20', Add</i>	5.22	
				<i>For Elevated Installation >20' To 25', Add</i>	6.53	
				<i>For Elevated Installation >25' To 30', Add</i>	9.14	
				<i>For Elevated Installation >30' To 35', Add</i>	10.45	
				<i>For Elevated Installation >35' To 40', Add</i>	13.06	
				<i>For Elevated Installation >40', Add</i>	14.37	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.84	
26 05 33	13-0341	EA		2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated.....	45.78	12.84
				<i>For Work In Restricted Working Space, Add</i>	9.65	
				<i>For Elevated Installation >10' To 15', Add</i>	3.22	
				<i>For Elevated Installation >15' To 20', Add</i>	6.43	
				<i>For Elevated Installation >20' To 25', Add</i>	8.04	
				<i>For Elevated Installation >25' To 30', Add</i>	11.26	
				<i>For Elevated Installation >30' To 35', Add</i>	12.87	
				<i>For Elevated Installation >35' To 40', Add</i>	16.09	
				<i>For Elevated Installation >40', Add</i>	17.69	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.65	
26 05 33	13-0342	EA		2-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated.....	74.87	20.88
				<i>For Work In Restricted Working Space, Add</i>	15.66	
				<i>For Elevated Installation >10' To 15', Add</i>	5.22	
				<i>For Elevated Installation >15' To 20', Add</i>	10.44	
				<i>For Elevated Installation >20' To 25', Add</i>	13.05	
				<i>For Elevated Installation >25' To 30', Add</i>	18.27	
				<i>For Elevated Installation >30' To 35', Add</i>	20.88	
				<i>For Elevated Installation >35' To 40', Add</i>	26.10	
				<i>For Elevated Installation >40', Add</i>	28.70	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.66	
26 05 33	13-0343	EA		3" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated.....	123.53	28.81
				<i>For Work In Restricted Working Space, Add</i>	21.61	
				<i>For Elevated Installation >10' To 15', Add</i>	7.20	
				<i>For Elevated Installation >15' To 20', Add</i>	14.40	
				<i>For Elevated Installation >20' To 25', Add</i>	18.01	
				<i>For Elevated Installation >25' To 30', Add</i>	25.21	
				<i>For Elevated Installation >30' To 35', Add</i>	28.81	
				<i>For Elevated Installation >35' To 40', Add</i>	36.01	
				<i>For Elevated Installation >40', Add</i>	39.61	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.61	
26 05 33	13-0344	EA		3-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated.....	154.16	34.03
				<i>For Work In Restricted Working Space, Add</i>	25.38	
				<i>For Elevated Installation >10' To 15', Add</i>	8.46	
				<i>For Elevated Installation >15' To 20', Add</i>	16.92	
				<i>For Elevated Installation >20' To 25', Add</i>	21.15	
				<i>For Elevated Installation >25' To 30', Add</i>	29.61	
				<i>For Elevated Installation >30' To 35', Add</i>	33.84	
				<i>For Elevated Installation >35' To 40', Add</i>	42.31	
				<i>For Elevated Installation >40', Add</i>	46.54	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.38	
26 05 33	13-0345	EA		4" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated.....	185.62	39.25
				<i>For Work In Restricted Working Space, Add</i>	29.44	
				<i>For Elevated Installation >10' To 15', Add</i>	9.81	
				<i>For Elevated Installation >15' To 20', Add</i>	19.63	
				<i>For Elevated Installation >20' To 25', Add</i>	24.53	
				<i>For Elevated Installation >25' To 30', Add</i>	34.35	
				<i>For Elevated Installation >30' To 35', Add</i>	39.25	
				<i>For Elevated Installation >35' To 40', Add</i>	49.07	
				<i>For Elevated Installation >40', Add</i>	53.97	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.44	

26 Electrical

26 05 Common Work Results for Electrical

26 05 33 Raceway and Boxes for Electrical Systems



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-0346 Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling <small>(26 05 33 13-0059)</small>			
Note: Erickson fittings.			
26 05 33 13-0347	EA 1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	44.44	16.70
	For Work In Restricted Working Space, Add	12.54	
	For Elevated Installation >10' To 15', Add	4.18	
	For Elevated Installation >15' To 20', Add	8.36	
	For Elevated Installation >20' To 25', Add	10.45	
	For Elevated Installation >25' To 30', Add	14.63	
	For Elevated Installation >30' To 35', Add	16.72	
	For Elevated Installation >35' To 40', Add	20.90	
	For Elevated Installation >40', Add	22.99	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.54	
26 05 33 13-0348	EA 3/4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	50.05	18.69
	For Work In Restricted Working Space, Add	14.00	
	For Elevated Installation >10' To 15', Add	4.67	
	For Elevated Installation >15' To 20', Add	9.33	
	For Elevated Installation >20' To 25', Add	11.67	
	For Elevated Installation >25' To 30', Add	16.33	
	For Elevated Installation >30' To 35', Add	18.66	
	For Elevated Installation >35' To 40', Add	23.33	
	For Elevated Installation >40', Add	25.66	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.00	
26 05 33 13-0349	EA 1" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	58.23	20.78
	For Work In Restricted Working Space, Add	15.59	
	For Elevated Installation >10' To 15', Add	5.20	
	For Elevated Installation >15' To 20', Add	10.39	
	For Elevated Installation >20' To 25', Add	12.99	
	For Elevated Installation >25' To 30', Add	18.19	
	For Elevated Installation >30' To 35', Add	20.79	
	For Elevated Installation >35' To 40', Add	25.99	
	For Elevated Installation >40', Add	28.58	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.59	
26 05 33 13-0350	EA 1-1/4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	70.21	22.76
	For Work In Restricted Working Space, Add	17.06	
	For Elevated Installation >10' To 15', Add	5.69	
	For Elevated Installation >15' To 20', Add	11.37	
	For Elevated Installation >20' To 25', Add	14.22	
	For Elevated Installation >25' To 30', Add	19.90	
	For Elevated Installation >30' To 35', Add	22.75	
	For Elevated Installation >35' To 40', Add	28.44	
	For Elevated Installation >40', Add	31.28	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.06	
26 05 33 13-0351	EA 1-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	78.21	24.85
	For Work In Restricted Working Space, Add	18.67	
	For Elevated Installation >10' To 15', Add	6.22	
	For Elevated Installation >15' To 20', Add	12.44	
	For Elevated Installation >20' To 25', Add	15.56	
	For Elevated Installation >25' To 30', Add	21.78	
	For Elevated Installation >30' To 35', Add	24.89	
	For Elevated Installation >35' To 40', Add	31.11	
	For Elevated Installation >40', Add	34.22	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.67	
26 05 33 13-0352	EA 2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	99.40	26.93
	For Work In Restricted Working Space, Add	20.21	
	For Elevated Installation >10' To 15', Add	6.74	
	For Elevated Installation >15' To 20', Add	13.48	
	For Elevated Installation >20' To 25', Add	16.85	
	For Elevated Installation >25' To 30', Add	23.58	
	For Elevated Installation >30' To 35', Add	26.95	
	For Elevated Installation >35' To 40', Add	33.69	
	For Elevated Installation >40', Add	37.06	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.21	
26 05 33 13-0353	EA 2-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	157.69	33.40
	For Work In Restricted Working Space, Add	25.05	
	For Elevated Installation >10' To 15', Add	8.35	
	For Elevated Installation >15' To 20', Add	16.70	
	For Elevated Installation >20' To 25', Add	20.88	
	For Elevated Installation >25' To 30', Add	29.23	
	For Elevated Installation >30' To 35', Add	33.40	
	For Elevated Installation >35' To 40', Add	41.76	
	For Elevated Installation >40', Add	45.93	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.05	
26 05 33 13-0354	EA 3" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	216.98	41.75
	For Work In Restricted Working Space, Add	31.32	
	For Elevated Installation >10' To 15', Add	10.44	
	For Elevated Installation >15' To 20', Add	20.88	
	For Elevated Installation >20' To 25', Add	26.10	
	For Elevated Installation >25' To 30', Add	36.54	
	For Elevated Installation >30' To 35', Add	41.76	
	For Elevated Installation >35' To 40', Add	52.20	
	For Elevated Installation >40', Add	57.41	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	31.32	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0355 EA 3-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	312.84	50.11
For Work In Restricted Working Space, Add	37.59	
For Elevated Installation >10' To 15', Add	12.53	
For Elevated Installation >15' To 20', Add	25.06	
For Elevated Installation >20' To 25', Add	31.33	
For Elevated Installation >25' To 30', Add	43.86	
For Elevated Installation >30' To 35', Add	50.12	
For Elevated Installation >35' To 40', Add	62.66	
For Elevated Installation >40', Add	68.92	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	37.59	
26 05 33 13-0356 EA 4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	356.24	54.29
For Work In Restricted Working Space, Add	40.71	
For Elevated Installation >10' To 15', Add	13.57	
For Elevated Installation >15' To 20', Add	27.14	
For Elevated Installation >20' To 25', Add	33.93	
For Elevated Installation >25' To 30', Add	47.50	
For Elevated Installation >30' To 35', Add	54.28	
For Elevated Installation >35' To 40', Add	67.85	
For Elevated Installation >40', Add	74.64	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	40.71	
26 05 33 13-0357 EA 5" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	619.63	66.81
For Work In Restricted Working Space, Add	50.10	
For Elevated Installation >10' To 15', Add	16.70	
For Elevated Installation >15' To 20', Add	33.40	
For Elevated Installation >20' To 25', Add	41.75	
For Elevated Installation >25' To 30', Add	58.45	
For Elevated Installation >30' To 35', Add	66.80	
For Elevated Installation >35' To 40', Add	83.51	
For Elevated Installation >40', Add	91.86	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	50.10	
26 05 33 13-0358 EA 6" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	796.40	77.25
For Work In Restricted Working Space, Add	57.93	
For Elevated Installation >10' To 15', Add	19.31	
For Elevated Installation >15' To 20', Add	38.62	
For Elevated Installation >20' To 25', Add	48.28	
For Elevated Installation >25' To 30', Add	67.59	
For Elevated Installation >30' To 35', Add	77.24	
For Elevated Installation >35' To 40', Add	96.55	
For Elevated Installation >40', Add	106.21	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	57.93	
 26 05 33 13-0359 Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connectors <small>(26 05 33 13-0059)</small>		
26 05 33 13-0360 EA 1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	28.31	8.35
For Work In Restricted Working Space, Add	6.26	
For Elevated Installation >10' To 15', Add	2.09	
For Elevated Installation >15' To 20', Add	4.18	
For Elevated Installation >20' To 25', Add	5.22	
For Elevated Installation >25' To 30', Add	7.31	
For Elevated Installation >30' To 35', Add	8.35	
For Elevated Installation >35' To 40', Add	10.44	
For Elevated Installation >40', Add	11.48	
26 05 33 13-0361 EA 3/4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	31.75	9.18
For Work In Restricted Working Space, Add	6.89	
For Elevated Installation >10' To 15', Add	2.30	
For Elevated Installation >15' To 20', Add	4.59	
For Elevated Installation >20' To 25', Add	5.74	
For Elevated Installation >25' To 30', Add	8.04	
For Elevated Installation >30' To 35', Add	9.18	
For Elevated Installation >35' To 40', Add	11.48	
For Elevated Installation >40', Add	12.63	
26 05 33 13-0362 EA 1" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	36.56	10.44
For Work In Restricted Working Space, Add	7.83	
For Elevated Installation >10' To 15', Add	2.61	
For Elevated Installation >15' To 20', Add	5.22	
For Elevated Installation >20' To 25', Add	6.53	
For Elevated Installation >25' To 30', Add	9.14	
For Elevated Installation >30' To 35', Add	10.44	
For Elevated Installation >35' To 40', Add	13.05	
For Elevated Installation >40', Add	14.36	
26 05 33 13-0363 EA 1-1/4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	42.00	11.27
For Work In Restricted Working Space, Add	8.46	
For Elevated Installation >10' To 15', Add	2.82	
For Elevated Installation >15' To 20', Add	5.64	
For Elevated Installation >20' To 25', Add	7.05	
For Elevated Installation >25' To 30', Add	9.87	
For Elevated Installation >30' To 35', Add	11.28	
For Elevated Installation >35' To 40', Add	14.10	
For Elevated Installation >40', Add	15.50	
26 05 33 13-0364 EA 1-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	50.56	12.52
For Work In Restricted Working Space, Add	9.39	
For Elevated Installation >10' To 15', Add	3.13	
For Elevated Installation >15' To 20', Add	6.26	
For Elevated Installation >20' To 25', Add	7.83	
For Elevated Installation >25' To 30', Add	10.96	
For Elevated Installation >30' To 35', Add	12.52	
For Elevated Installation >35' To 40', Add	15.66	
For Elevated Installation >40', Add	17.22	

26 Electrical

26 05 Common Work Results for Electrical

26 05 33 Raceway and Boxes for Electrical Systems



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0365	EA 2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i>	62.91 10.34 3.45 6.89 8.61 12.06 13.78 17.23 18.95	13.78
26 05 33 13-0366	EA 2-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i>	87.37 12.53 4.18 8.35 10.44 14.61 16.70 20.88 22.96	16.70
26 05 33 13-0367	EA 3" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i>	107.85 15.66 5.22 10.44 13.05 18.27 20.88 26.10 28.70	20.88
26 05 33 13-0368	EA 3-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i>	129.60 18.79 6.26 12.53 15.66 21.92 25.06 31.32 34.45	25.06
26 05 33 13-0369	EA 4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i>	147.37 20.36 6.79 13.57 16.96 23.75 27.14 33.93 37.32	27.14
26 05 33 13-0370	Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs <small>(26 05 33 13-0059)</small>		
26 05 33 13-0371	EA 1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.45 5.64 1.88 3.76 4.70 6.58 7.52 9.40 10.33 5.64	9.40
26 05 33 13-0372	EA 3/4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.14 6.26 2.09 4.18 5.22 7.31 8.35 10.44 11.48 6.26	10.44
26 05 33 13-0373	EA 1" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.27 7.83 2.61 5.22 6.53 9.14 10.44 13.05 14.36 7.83	13.05
26 05 33 13-0374	EA 1-1/4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.69 9.39 3.13 6.26 7.83 10.96 12.52 15.66 17.22 9.39	15.66

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0375 EA 1-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs.....	50.96	20.88
For Work In Restricted Working Space, Add	12.53	
For Elevated Installation >10' To 15', Add	4.18	
For Elevated Installation >15' To 20', Add	8.35	
For Elevated Installation >20' To 25', Add	10.44	
For Elevated Installation >25' To 30', Add	14.61	
For Elevated Installation >30' To 35', Add	16.70	
For Elevated Installation >35' To 40', Add	20.88	
For Elevated Installation >40', Add	22.96	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.53	
26 05 33 13-0376 EA 2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs.....	59.29	23.48
For Work In Restricted Working Space, Add	14.09	
For Elevated Installation >10' To 15', Add	4.70	
For Elevated Installation >15' To 20', Add	9.40	
For Elevated Installation >20' To 25', Add	11.75	
For Elevated Installation >25' To 30', Add	16.44	
For Elevated Installation >30' To 35', Add	18.79	
For Elevated Installation >35' To 40', Add	23.49	
For Elevated Installation >40', Add	25.84	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.09	
26 05 33 13-0377 EA 2-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs.....	73.09	26.10
For Work In Restricted Working Space, Add	15.66	
For Elevated Installation >10' To 15', Add	5.22	
For Elevated Installation >15' To 20', Add	10.44	
For Elevated Installation >20' To 25', Add	13.05	
For Elevated Installation >25' To 30', Add	18.27	
For Elevated Installation >30' To 35', Add	20.88	
For Elevated Installation >35' To 40', Add	26.10	
For Elevated Installation >40', Add	28.70	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.66	
26 05 33 13-0378 EA 3" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs.....	98.53	32.88
For Work In Restricted Working Space, Add	19.73	
For Elevated Installation >10' To 15', Add	6.58	
For Elevated Installation >15' To 20', Add	13.15	
For Elevated Installation >20' To 25', Add	16.44	
For Elevated Installation >25' To 30', Add	23.02	
For Elevated Installation >30' To 35', Add	26.31	
For Elevated Installation >35' To 40', Add	32.89	
For Elevated Installation >40', Add	36.17	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.73	
26 05 33 13-0379 EA 3-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs.....	116.94	39.67
For Work In Restricted Working Space, Add	23.80	
For Elevated Installation >10' To 15', Add	7.93	
For Elevated Installation >15' To 20', Add	15.87	
For Elevated Installation >20' To 25', Add	19.83	
For Elevated Installation >25' To 30', Add	27.77	
For Elevated Installation >30' To 35', Add	31.73	
For Elevated Installation >35' To 40', Add	39.67	
For Elevated Installation >40', Add	43.63	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	23.80	
26 05 33 13-0380 EA 4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs.....	143.54	46.98
For Work In Restricted Working Space, Add	28.19	
For Elevated Installation >10' To 15', Add	9.40	
For Elevated Installation >15' To 20', Add	18.79	
For Elevated Installation >20' To 25', Add	23.49	
For Elevated Installation >25' To 30', Add	32.88	
For Elevated Installation >30' To 35', Add	37.58	
For Elevated Installation >35' To 40', Add	46.98	
For Elevated Installation >40', Add	51.67	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	28.19	
26 05 33 13-0381 Rigid Galvanized Steel (RGS) Expansion Fittings, 4" Conduit Movement ^(26 05 33 13-0059)		
Note: Type AX		
26 05 33 13-0382 EA 1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement.....	99.82	16.70
For Work In Restricted Working Space, Add	12.53	
For Elevated Installation >10' To 15', Add	4.18	
For Elevated Installation >15' To 20', Add	8.35	
For Elevated Installation >20' To 25', Add	10.44	
For Elevated Installation >25' To 30', Add	14.62	
For Elevated Installation >30' To 35', Add	16.70	
For Elevated Installation >35' To 40', Add	20.88	
For Elevated Installation >40', Add	22.97	
26 05 33 13-0383 EA 3/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement.....	113.26	18.79
For Work In Restricted Working Space, Add	14.09	
For Elevated Installation >10' To 15', Add	4.70	
For Elevated Installation >15' To 20', Add	9.40	
For Elevated Installation >20' To 25', Add	11.75	
For Elevated Installation >25' To 30', Add	16.44	
For Elevated Installation >30' To 35', Add	18.79	
For Elevated Installation >35' To 40', Add	23.49	
For Elevated Installation >40', Add	25.84	
26 05 33 13-0384 EA 1" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement.....	133.74	20.88
For Work In Restricted Working Space, Add	15.66	
For Elevated Installation >10' To 15', Add	5.22	
For Elevated Installation >15' To 20', Add	10.44	
For Elevated Installation >20' To 25', Add	13.05	
For Elevated Installation >25' To 30', Add	18.27	
For Elevated Installation >30' To 35', Add	20.88	
For Elevated Installation >35' To 40', Add	26.10	
For Elevated Installation >40', Add	28.71	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0385	EA 1-1/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	163.02	22.96
	<i>For Work In Restricted Working Space, Add</i>	17.22	
	<i>For Elevated Installation >10' To 15', Add</i>	5.74	
	<i>For Elevated Installation >15' To 20', Add</i>	11.48	
	<i>For Elevated Installation >20' To 25', Add</i>	14.35	
	<i>For Elevated Installation >25' To 30', Add</i>	20.09	
	<i>For Elevated Installation >30' To 35', Add</i>	22.96	
	<i>For Elevated Installation >35' To 40', Add</i>	28.71	
	<i>For Elevated Installation >40', Add</i>	31.58	
26 05 33 13-0386	EA 1-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	203.77	25.06
	<i>For Work In Restricted Working Space, Add</i>	18.79	
	<i>For Elevated Installation >10' To 15', Add</i>	6.26	
	<i>For Elevated Installation >15' To 20', Add</i>	12.53	
	<i>For Elevated Installation >20' To 25', Add</i>	15.66	
	<i>For Elevated Installation >25' To 30', Add</i>	21.92	
	<i>For Elevated Installation >30' To 35', Add</i>	25.05	
	<i>For Elevated Installation >35' To 40', Add</i>	31.32	
	<i>For Elevated Installation >40', Add</i>	34.45	
26 05 33 13-0387	EA 2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement.....	279.55	27.14
	<i>For Work In Restricted Working Space, Add</i>	20.35	
	<i>For Elevated Installation >10' To 15', Add</i>	6.78	
	<i>For Elevated Installation >15' To 20', Add</i>	13.57	
	<i>For Elevated Installation >20' To 25', Add</i>	16.96	
	<i>For Elevated Installation >25' To 30', Add</i>	23.74	
	<i>For Elevated Installation >30' To 35', Add</i>	27.14	
	<i>For Elevated Installation >35' To 40', Add</i>	33.92	
	<i>For Elevated Installation >40', Add</i>	37.31	
26 05 33 13-0388	EA 2-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	425.75	33.40
	<i>For Work In Restricted Working Space, Add</i>	25.05	
	<i>For Elevated Installation >10' To 15', Add</i>	8.35	
	<i>For Elevated Installation >15' To 20', Add</i>	16.70	
	<i>For Elevated Installation >20' To 25', Add</i>	20.88	
	<i>For Elevated Installation >25' To 30', Add</i>	29.23	
	<i>For Elevated Installation >30' To 35', Add</i>	33.40	
	<i>For Elevated Installation >35' To 40', Add</i>	41.76	
	<i>For Elevated Installation >40', Add</i>	45.93	
26 05 33 13-0389	EA 3" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement.....	545.18	41.75
	<i>For Work In Restricted Working Space, Add</i>	31.32	
	<i>For Elevated Installation >10' To 15', Add</i>	10.44	
	<i>For Elevated Installation >15' To 20', Add</i>	20.88	
	<i>For Elevated Installation >20' To 25', Add</i>	26.10	
	<i>For Elevated Installation >25' To 30', Add</i>	36.54	
	<i>For Elevated Installation >30' To 35', Add</i>	41.76	
	<i>For Elevated Installation >35' To 40', Add</i>	52.20	
	<i>For Elevated Installation >40', Add</i>	57.41	
26 05 33 13-0390	EA 3-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	792.79	50.11
	<i>For Work In Restricted Working Space, Add</i>	37.58	
	<i>For Elevated Installation >10' To 15', Add</i>	12.53	
	<i>For Elevated Installation >15' To 20', Add</i>	25.06	
	<i>For Elevated Installation >20' To 25', Add</i>	31.32	
	<i>For Elevated Installation >25' To 30', Add</i>	43.85	
	<i>For Elevated Installation >30' To 35', Add</i>	50.11	
	<i>For Elevated Installation >35' To 40', Add</i>	62.64	
	<i>For Elevated Installation >40', Add</i>	68.90	
26 05 33 13-0391	EA 4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement.....	845.36	54.29
	<i>For Work In Restricted Working Space, Add</i>	40.71	
	<i>For Elevated Installation >10' To 15', Add</i>	13.57	
	<i>For Elevated Installation >15' To 20', Add</i>	27.14	
	<i>For Elevated Installation >20' To 25', Add</i>	33.93	
	<i>For Elevated Installation >25' To 30', Add</i>	47.50	
	<i>For Elevated Installation >30' To 35', Add</i>	54.28	
	<i>For Elevated Installation >35' To 40', Add</i>	67.85	
	<i>For Elevated Installation >40', Add</i>	74.64	
26 05 33 13-0392	EA 5" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement.....	1,290.16	66.81
	<i>For Work In Restricted Working Space, Add</i>	50.11	
	<i>For Elevated Installation >10' To 15', Add</i>	16.70	
	<i>For Elevated Installation >15' To 20', Add</i>	33.40	
	<i>For Elevated Installation >20' To 25', Add</i>	41.76	
	<i>For Elevated Installation >25' To 30', Add</i>	58.46	
	<i>For Elevated Installation >30' To 35', Add</i>	66.81	
	<i>For Elevated Installation >35' To 40', Add</i>	83.51	
	<i>For Elevated Installation >40', Add</i>	91.86	
26 05 33 13-0393	EA 6" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement.....	1,582.61	74.12
	<i>For Work In Restricted Working Space, Add</i>	55.62	
	<i>For Elevated Installation >10' To 15', Add</i>	18.54	
	<i>For Elevated Installation >15' To 20', Add</i>	37.08	
	<i>For Elevated Installation >20' To 25', Add</i>	46.35	
	<i>For Elevated Installation >25' To 30', Add</i>	64.89	
	<i>For Elevated Installation >30' To 35', Add</i>	74.16	
	<i>For Elevated Installation >35' To 40', Add</i>	92.70	
	<i>For Elevated Installation >40', Add</i>	101.97	

26 05 33 13-0394 Rigid Galvanized Steel (RGS) Expansion Fittings, 8" Conduit Movement (26 05 33 13-0059)
 Note: Type AX-8

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0395	EA			1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	109.52	16.70
				<i>For Work In Restricted Working Space, Add</i>	12.53	
				<i>For Elevated Installation >10' To 15', Add</i>	4.18	
				<i>For Elevated Installation >15' To 20', Add</i>	8.35	
				<i>For Elevated Installation >20' To 25', Add</i>	10.44	
				<i>For Elevated Installation >25' To 30', Add</i>	14.62	
				<i>For Elevated Installation >30' To 35', Add</i>	16.70	
				<i>For Elevated Installation >35' To 40', Add</i>	20.88	
				<i>For Elevated Installation >40', Add</i>	22.97	
26 05 33 13-0396	EA			3/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	121.86	18.79
				<i>For Work In Restricted Working Space, Add</i>	14.09	
				<i>For Elevated Installation >10' To 15', Add</i>	4.70	
				<i>For Elevated Installation >15' To 20', Add</i>	9.40	
				<i>For Elevated Installation >20' To 25', Add</i>	11.75	
				<i>For Elevated Installation >25' To 30', Add</i>	16.44	
				<i>For Elevated Installation >30' To 35', Add</i>	18.79	
				<i>For Elevated Installation >35' To 40', Add</i>	23.49	
				<i>For Elevated Installation >40', Add</i>	25.84	
26 05 33 13-0397	EA			1" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	147.23	20.88
				<i>For Work In Restricted Working Space, Add</i>	15.66	
				<i>For Elevated Installation >10' To 15', Add</i>	5.22	
				<i>For Elevated Installation >15' To 20', Add</i>	10.44	
				<i>For Elevated Installation >20' To 25', Add</i>	13.05	
				<i>For Elevated Installation >25' To 30', Add</i>	18.27	
				<i>For Elevated Installation >30' To 35', Add</i>	20.88	
				<i>For Elevated Installation >35' To 40', Add</i>	26.10	
				<i>For Elevated Installation >40', Add</i>	28.71	
26 05 33 13-0398	EA			1-1/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	184.27	22.96
				<i>For Work In Restricted Working Space, Add</i>	17.22	
				<i>For Elevated Installation >10' To 15', Add</i>	5.74	
				<i>For Elevated Installation >15' To 20', Add</i>	11.48	
				<i>For Elevated Installation >20' To 25', Add</i>	14.35	
				<i>For Elevated Installation >25' To 30', Add</i>	20.09	
				<i>For Elevated Installation >30' To 35', Add</i>	22.96	
				<i>For Elevated Installation >35' To 40', Add</i>	28.71	
				<i>For Elevated Installation >40', Add</i>	31.58	
26 05 33 13-0399	EA			1-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	246.00	25.06
				<i>For Work In Restricted Working Space, Add</i>	18.79	
				<i>For Elevated Installation >10' To 15', Add</i>	6.26	
				<i>For Elevated Installation >15' To 20', Add</i>	12.53	
				<i>For Elevated Installation >20' To 25', Add</i>	15.66	
				<i>For Elevated Installation >25' To 30', Add</i>	21.92	
				<i>For Elevated Installation >30' To 35', Add</i>	25.05	
				<i>For Elevated Installation >35' To 40', Add</i>	31.32	
				<i>For Elevated Installation >40', Add</i>	34.45	
26 05 33 13-0400	EA			2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	299.73	27.14
				<i>For Work In Restricted Working Space, Add</i>	20.35	
				<i>For Elevated Installation >10' To 15', Add</i>	6.78	
				<i>For Elevated Installation >15' To 20', Add</i>	13.57	
				<i>For Elevated Installation >20' To 25', Add</i>	16.96	
				<i>For Elevated Installation >25' To 30', Add</i>	23.74	
				<i>For Elevated Installation >30' To 35', Add</i>	27.14	
				<i>For Elevated Installation >35' To 40', Add</i>	33.92	
				<i>For Elevated Installation >40', Add</i>	37.31	
26 05 33 13-0401	EA			2-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	556.56	33.40
				<i>For Work In Restricted Working Space, Add</i>	25.05	
				<i>For Elevated Installation >10' To 15', Add</i>	8.35	
				<i>For Elevated Installation >15' To 20', Add</i>	16.70	
				<i>For Elevated Installation >20' To 25', Add</i>	20.88	
				<i>For Elevated Installation >25' To 30', Add</i>	29.23	
				<i>For Elevated Installation >30' To 35', Add</i>	33.40	
				<i>For Elevated Installation >35' To 40', Add</i>	41.76	
				<i>For Elevated Installation >40', Add</i>	45.93	
26 05 33 13-0402	EA			3" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	634.51	41.75
				<i>For Work In Restricted Working Space, Add</i>	31.32	
				<i>For Elevated Installation >10' To 15', Add</i>	10.44	
				<i>For Elevated Installation >15' To 20', Add</i>	20.88	
				<i>For Elevated Installation >20' To 25', Add</i>	26.10	
				<i>For Elevated Installation >25' To 30', Add</i>	36.54	
				<i>For Elevated Installation >30' To 35', Add</i>	41.76	
				<i>For Elevated Installation >35' To 40', Add</i>	52.20	
				<i>For Elevated Installation >40', Add</i>	57.41	
26 05 33 13-0403	EA			3-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	969.31	50.11
				<i>For Work In Restricted Working Space, Add</i>	37.58	
				<i>For Elevated Installation >10' To 15', Add</i>	12.53	
				<i>For Elevated Installation >15' To 20', Add</i>	25.06	
				<i>For Elevated Installation >20' To 25', Add</i>	31.32	
				<i>For Elevated Installation >25' To 30', Add</i>	43.85	
				<i>For Elevated Installation >30' To 35', Add</i>	50.11	
				<i>For Elevated Installation >35' To 40', Add</i>	62.64	
				<i>For Elevated Installation >40', Add</i>	68.90	
26 05 33 13-0404	EA			4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	1,049.38	54.29
				<i>For Work In Restricted Working Space, Add</i>	40.71	
				<i>For Elevated Installation >10' To 15', Add</i>	13.57	
				<i>For Elevated Installation >15' To 20', Add</i>	27.14	
				<i>For Elevated Installation >20' To 25', Add</i>	33.93	
				<i>For Elevated Installation >25' To 30', Add</i>	47.50	
				<i>For Elevated Installation >30' To 35', Add</i>	54.28	
				<i>For Elevated Installation >35' To 40', Add</i>	67.85	
				<i>For Elevated Installation >40', Add</i>	74.64	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-0405	EA	5" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement.....	1,462.14	66.81
		<i>For Work In Restricted Working Space, Add</i>	50.11	
		<i>For Elevated Installation >10' To 15', Add</i>	16.70	
		<i>For Elevated Installation >15' To 20', Add</i>	33.40	
		<i>For Elevated Installation >20' To 25', Add</i>	41.76	
		<i>For Elevated Installation >25' To 30', Add</i>	58.46	
		<i>For Elevated Installation >30' To 35', Add</i>	66.81	
		<i>For Elevated Installation >35' To 40', Add</i>	83.51	
		<i>For Elevated Installation >40', Add</i>	91.86	
26 05 33 13-0406	EA	6" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement.....	1,803.87	74.12
		<i>For Work In Restricted Working Space, Add</i>	55.62	
		<i>For Elevated Installation >10' To 15', Add</i>	18.54	
		<i>For Elevated Installation >15' To 20', Add</i>	37.08	
		<i>For Elevated Installation >20' To 25', Add</i>	46.35	
		<i>For Elevated Installation >25' To 30', Add</i>	64.89	
		<i>For Elevated Installation >30' To 35', Add</i>	74.16	
		<i>For Elevated Installation >35' To 40', Add</i>	92.70	
		<i>For Elevated Installation >40', Add</i>	101.97	

26 05 33 13-0407 Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fittings, 8" Conduit Movement

(26 05 33 13-0059)

Note: Type EX

26 05 33 13-0408	EA	1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	123.73	16.70
		<i>For Work In Restricted Working Space, Add</i>	12.53	
		<i>For Elevated Installation >10' To 15', Add</i>	4.18	
		<i>For Elevated Installation >15' To 20', Add</i>	8.35	
		<i>For Elevated Installation >20' To 25', Add</i>	10.44	
		<i>For Elevated Installation >25' To 30', Add</i>	14.62	
		<i>For Elevated Installation >30' To 35', Add</i>	16.70	
		<i>For Elevated Installation >35' To 40', Add</i>	20.88	
		<i>For Elevated Installation >40', Add</i>	22.97	
26 05 33 13-0409	EA	3/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	155.35	18.79
		<i>For Work In Restricted Working Space, Add</i>	14.09	
		<i>For Elevated Installation >10' To 15', Add</i>	4.70	
		<i>For Elevated Installation >15' To 20', Add</i>	9.40	
		<i>For Elevated Installation >20' To 25', Add</i>	11.75	
		<i>For Elevated Installation >25' To 30', Add</i>	16.44	
		<i>For Elevated Installation >30' To 35', Add</i>	18.79	
		<i>For Elevated Installation >35' To 40', Add</i>	23.49	
		<i>For Elevated Installation >40', Add</i>	25.84	
26 05 33 13-0410	EA	1" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	192.48	20.88
		<i>For Work In Restricted Working Space, Add</i>	15.66	
		<i>For Elevated Installation >10' To 15', Add</i>	5.22	
		<i>For Elevated Installation >15' To 20', Add</i>	10.44	
		<i>For Elevated Installation >20' To 25', Add</i>	13.05	
		<i>For Elevated Installation >25' To 30', Add</i>	18.27	
		<i>For Elevated Installation >30' To 35', Add</i>	20.88	
		<i>For Elevated Installation >35' To 40', Add</i>	26.10	
		<i>For Elevated Installation >40', Add</i>	28.71	
26 05 33 13-0411	EA	1-1/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	233.27	22.96
		<i>For Work In Restricted Working Space, Add</i>	17.22	
		<i>For Elevated Installation >10' To 15', Add</i>	5.74	
		<i>For Elevated Installation >15' To 20', Add</i>	11.48	
		<i>For Elevated Installation >20' To 25', Add</i>	14.35	
		<i>For Elevated Installation >25' To 30', Add</i>	20.09	
		<i>For Elevated Installation >30' To 35', Add</i>	22.96	
		<i>For Elevated Installation >35' To 40', Add</i>	28.71	
		<i>For Elevated Installation >40', Add</i>	31.58	
26 05 33 13-0412	EA	1-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	312.34	25.06
		<i>For Work In Restricted Working Space, Add</i>	18.79	
		<i>For Elevated Installation >10' To 15', Add</i>	6.26	
		<i>For Elevated Installation >15' To 20', Add</i>	12.53	
		<i>For Elevated Installation >20' To 25', Add</i>	15.66	
		<i>For Elevated Installation >25' To 30', Add</i>	21.92	
		<i>For Elevated Installation >30' To 35', Add</i>	25.05	
		<i>For Elevated Installation >35' To 40', Add</i>	31.32	
		<i>For Elevated Installation >40', Add</i>	34.45	
26 05 33 13-0413	EA	2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	427.92	27.14
		<i>For Work In Restricted Working Space, Add</i>	20.35	
		<i>For Elevated Installation >10' To 15', Add</i>	6.78	
		<i>For Elevated Installation >15' To 20', Add</i>	13.57	
		<i>For Elevated Installation >20' To 25', Add</i>	16.96	
		<i>For Elevated Installation >25' To 30', Add</i>	23.74	
		<i>For Elevated Installation >30' To 35', Add</i>	27.14	
		<i>For Elevated Installation >35' To 40', Add</i>	33.92	
		<i>For Elevated Installation >40', Add</i>	37.31	
26 05 33 13-0414	EA	2-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	662.10	33.40
		<i>For Work In Restricted Working Space, Add</i>	25.05	
		<i>For Elevated Installation >10' To 15', Add</i>	8.35	
		<i>For Elevated Installation >15' To 20', Add</i>	16.70	
		<i>For Elevated Installation >20' To 25', Add</i>	20.88	
		<i>For Elevated Installation >25' To 30', Add</i>	29.23	
		<i>For Elevated Installation >30' To 35', Add</i>	33.40	
		<i>For Elevated Installation >35' To 40', Add</i>	41.76	
		<i>For Elevated Installation >40', Add</i>	45.93	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-0415	EA	3"	Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	891.48	41.75
			For Work In Restricted Working Space, Add	31.32	
			For Elevated Installation >10' To 15', Add	10.44	
			For Elevated Installation >15' To 20', Add	20.88	
			For Elevated Installation >20' To 25', Add	26.10	
			For Elevated Installation >25' To 30', Add	36.54	
			For Elevated Installation >30' To 35', Add	41.76	
			For Elevated Installation >35' To 40', Add	52.20	
26 05 33 13-0416	EA	3-1/2"	Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	1,334.80	50.11
			For Work In Restricted Working Space, Add	37.58	
			For Elevated Installation >10' To 15', Add	12.53	
			For Elevated Installation >15' To 20', Add	25.06	
			For Elevated Installation >20' To 25', Add	31.32	
			For Elevated Installation >25' To 30', Add	43.85	
			For Elevated Installation >30' To 35', Add	50.11	
			For Elevated Installation >35' To 40', Add	62.64	
26 05 33 13-0417	EA	4"	Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	1,382.29	54.29
			For Work In Restricted Working Space, Add	40.71	
			For Elevated Installation >10' To 15', Add	13.57	
			For Elevated Installation >15' To 20', Add	27.14	
			For Elevated Installation >20' To 25', Add	33.93	
			For Elevated Installation >25' To 30', Add	47.50	
			For Elevated Installation >30' To 35', Add	54.28	
			For Elevated Installation >35' To 40', Add	67.85	
26 05 33 13-0418	EA	5"	Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	2,075.80	66.81
			For Work In Restricted Working Space, Add	50.11	
			For Elevated Installation >10' To 15', Add	16.70	
			For Elevated Installation >15' To 20', Add	33.40	
			For Elevated Installation >20' To 25', Add	41.76	
			For Elevated Installation >25' To 30', Add	58.46	
			For Elevated Installation >30' To 35', Add	66.81	
			For Elevated Installation >35' To 40', Add	83.51	
26 05 33 13-0419	EA	6"	Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	2,570.76	74.12
			For Work In Restricted Working Space, Add	55.62	
			For Elevated Installation >10' To 15', Add	18.54	
			For Elevated Installation >15' To 20', Add	37.08	
			For Elevated Installation >20' To 25', Add	46.35	
			For Elevated Installation >25' To 30', Add	64.89	
			For Elevated Installation >30' To 35', Add	74.16	
			For Elevated Installation >35' To 40', Add	92.70	

26 05 33 13-0420 Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fittings (26 05 33 13-0059)

Note: Type DX

26 05 33 13-0421	EA	1/2"	Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting.....	211.33	16.70
			For Work In Restricted Working Space, Add	12.53	
			For Elevated Installation >10' To 15', Add	4.18	
			For Elevated Installation >15' To 20', Add	8.35	
			For Elevated Installation >20' To 25', Add	10.44	
			For Elevated Installation >25' To 30', Add	14.62	
			For Elevated Installation >30' To 35', Add	16.70	
			For Elevated Installation >35' To 40', Add	20.88	
26 05 33 13-0422	EA	3/4"	Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting.....	251.42	18.79
			For Work In Restricted Working Space, Add	14.09	
			For Elevated Installation >10' To 15', Add	4.70	
			For Elevated Installation >15' To 20', Add	9.40	
			For Elevated Installation >20' To 25', Add	11.75	
			For Elevated Installation >25' To 30', Add	16.44	
			For Elevated Installation >30' To 35', Add	18.79	
			For Elevated Installation >35' To 40', Add	23.49	
26 05 33 13-0423	EA	1"	Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting.....	303.34	20.88
			For Work In Restricted Working Space, Add	15.66	
			For Elevated Installation >10' To 15', Add	5.22	
			For Elevated Installation >15' To 20', Add	10.44	
			For Elevated Installation >20' To 25', Add	13.05	
			For Elevated Installation >25' To 30', Add	18.27	
			For Elevated Installation >30' To 35', Add	20.88	
			For Elevated Installation >35' To 40', Add	26.10	
26 05 33 13-0424	EA	1-1/4"	Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting.....	356.10	22.96
			For Work In Restricted Working Space, Add	17.22	
			For Elevated Installation >10' To 15', Add	5.74	
			For Elevated Installation >15' To 20', Add	11.48	
			For Elevated Installation >20' To 25', Add	14.35	
			For Elevated Installation >25' To 30', Add	20.09	
			For Elevated Installation >30' To 35', Add	22.96	
			For Elevated Installation >35' To 40', Add	28.71	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0425	EA 1-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	393.69	25.06
	<i>For Work In Restricted Working Space, Add</i>	18.79	
	<i>For Elevated Installation >10' To 15', Add</i>	6.26	
	<i>For Elevated Installation >15' To 20', Add</i>	12.53	
	<i>For Elevated Installation >20' To 25', Add</i>	15.66	
	<i>For Elevated Installation >25' To 30', Add</i>	21.92	
	<i>For Elevated Installation >30' To 35', Add</i>	25.05	
	<i>For Elevated Installation >35' To 40', Add</i>	31.32	
	<i>For Elevated Installation >40', Add</i>	34.45	
26 05 33 13-0426	EA 2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	485.37	27.14
	<i>For Work In Restricted Working Space, Add</i>	20.35	
	<i>For Elevated Installation >10' To 15', Add</i>	6.78	
	<i>For Elevated Installation >15' To 20', Add</i>	13.57	
	<i>For Elevated Installation >20' To 25', Add</i>	16.96	
	<i>For Elevated Installation >25' To 30', Add</i>	23.74	
	<i>For Elevated Installation >30' To 35', Add</i>	27.14	
	<i>For Elevated Installation >35' To 40', Add</i>	33.92	
	<i>For Elevated Installation >40', Add</i>	37.31	
26 05 33 13-0427	EA 2-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	640.77	33.40
	<i>For Work In Restricted Working Space, Add</i>	25.05	
	<i>For Elevated Installation >10' To 15', Add</i>	8.35	
	<i>For Elevated Installation >15' To 20', Add</i>	16.70	
	<i>For Elevated Installation >20' To 25', Add</i>	20.88	
	<i>For Elevated Installation >25' To 30', Add</i>	29.23	
	<i>For Elevated Installation >30' To 35', Add</i>	33.40	
	<i>For Elevated Installation >35' To 40', Add</i>	41.76	
	<i>For Elevated Installation >40', Add</i>	45.93	
26 05 33 13-0428	EA 3" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	812.44	41.75
	<i>For Work In Restricted Working Space, Add</i>	31.32	
	<i>For Elevated Installation >10' To 15', Add</i>	10.44	
	<i>For Elevated Installation >15' To 20', Add</i>	20.88	
	<i>For Elevated Installation >20' To 25', Add</i>	26.10	
	<i>For Elevated Installation >25' To 30', Add</i>	36.54	
	<i>For Elevated Installation >30' To 35', Add</i>	41.76	
	<i>For Elevated Installation >35' To 40', Add</i>	52.20	
	<i>For Elevated Installation >40', Add</i>	57.41	
26 05 33 13-0429	EA 3-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	915.12	50.11
	<i>For Work In Restricted Working Space, Add</i>	37.58	
	<i>For Elevated Installation >10' To 15', Add</i>	12.53	
	<i>For Elevated Installation >15' To 20', Add</i>	25.06	
	<i>For Elevated Installation >20' To 25', Add</i>	31.32	
	<i>For Elevated Installation >25' To 30', Add</i>	43.85	
	<i>For Elevated Installation >30' To 35', Add</i>	50.11	
	<i>For Elevated Installation >35' To 40', Add</i>	62.64	
	<i>For Elevated Installation >40', Add</i>	68.90	
26 05 33 13-0430	EA 4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	1,107.69	54.29
	<i>For Work In Restricted Working Space, Add</i>	40.71	
	<i>For Elevated Installation >10' To 15', Add</i>	13.57	
	<i>For Elevated Installation >15' To 20', Add</i>	27.14	
	<i>For Elevated Installation >20' To 25', Add</i>	33.93	
	<i>For Elevated Installation >25' To 30', Add</i>	47.50	
	<i>For Elevated Installation >30' To 35', Add</i>	54.28	
	<i>For Elevated Installation >35' To 40', Add</i>	67.85	
	<i>For Elevated Installation >40', Add</i>	74.64	
26 05 33 13-0431	EA 5" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	1,886.44	66.81
	<i>For Work In Restricted Working Space, Add</i>	50.11	
	<i>For Elevated Installation >10' To 15', Add</i>	16.70	
	<i>For Elevated Installation >15' To 20', Add</i>	33.40	
	<i>For Elevated Installation >20' To 25', Add</i>	41.76	
	<i>For Elevated Installation >25' To 30', Add</i>	58.46	
	<i>For Elevated Installation >30' To 35', Add</i>	66.81	
	<i>For Elevated Installation >35' To 40', Add</i>	83.51	
	<i>For Elevated Installation >40', Add</i>	91.86	
26 05 33 13-0432	EA 6" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	2,989.54	74.12
	<i>For Work In Restricted Working Space, Add</i>	55.62	
	<i>For Elevated Installation >10' To 15', Add</i>	18.54	
	<i>For Elevated Installation >15' To 20', Add</i>	37.08	
	<i>For Elevated Installation >20' To 25', Add</i>	46.35	
	<i>For Elevated Installation >25' To 30', Add</i>	64.89	
	<i>For Elevated Installation >30' To 35', Add</i>	74.16	
	<i>For Elevated Installation >35' To 40', Add</i>	92.70	
	<i>For Elevated Installation >40', Add</i>	101.97	
26 05 33 13-0433	Rigid Galvanized Steel (RGS) Conduit Bonding Jumpers <small>(26 05 33 13-0059)</small>		
26 05 33 13-0434	EA 1/2" To 3/4" Conduit, 14" Bonding Jumper	55.85	8.35
	<i>For Work In Restricted Working Space, Add</i>	6.27	
	<i>For Elevated Installation >10' To 15', Add</i>	2.09	
	<i>For Elevated Installation >15' To 20', Add</i>	4.18	
	<i>For Elevated Installation >20' To 25', Add</i>	5.22	
	<i>For Elevated Installation >25' To 30', Add</i>	7.31	
	<i>For Elevated Installation >30' To 35', Add</i>	8.36	
	<i>For Elevated Installation >35' To 40', Add</i>	10.45	
	<i>For Elevated Installation >40', Add</i>	11.49	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0435	EA			1" To 1-1/4" Conduit, 14" Bonding Jumper 64.59		10.44
				<i>For Work In Restricted Working Space, Add</i>	7.83	
				<i>For Elevated Installation >10' To 15', Add</i>	2.61	
				<i>For Elevated Installation >15' To 20', Add</i>	5.22	
				<i>For Elevated Installation >20' To 25', Add</i>	6.53	
				<i>For Elevated Installation >25' To 30', Add</i>	9.14	
				<i>For Elevated Installation >30' To 35', Add</i>	10.44	
				<i>For Elevated Installation >35' To 40', Add</i>	13.05	
				<i>For Elevated Installation >40', Add</i>	14.36	
26 05 33 13-0436	EA			1-1/2" To 2" Conduit, 14" Bonding Jumper 79.52		12.52
				<i>For Work In Restricted Working Space, Add</i>	9.39	
				<i>For Elevated Installation >10' To 15', Add</i>	3.13	
				<i>For Elevated Installation >15' To 20', Add</i>	6.26	
				<i>For Elevated Installation >20' To 25', Add</i>	7.83	
				<i>For Elevated Installation >25' To 30', Add</i>	10.96	
				<i>For Elevated Installation >30' To 35', Add</i>	12.52	
				<i>For Elevated Installation >35' To 40', Add</i>	15.66	
				<i>For Elevated Installation >40', Add</i>	17.22	
26 05 33 13-0437	EA			2-1/2" To 3" Conduit, 14" Bonding Jumper 111.41		16.70
				<i>For Work In Restricted Working Space, Add</i>	12.53	
				<i>For Elevated Installation >10' To 15', Add</i>	4.18	
				<i>For Elevated Installation >15' To 20', Add</i>	8.35	
				<i>For Elevated Installation >20' To 25', Add</i>	10.44	
				<i>For Elevated Installation >25' To 30', Add</i>	14.61	
				<i>For Elevated Installation >30' To 35', Add</i>	16.70	
				<i>For Elevated Installation >35' To 40', Add</i>	20.88	
				<i>For Elevated Installation >40', Add</i>	22.96	
26 05 33 13-0438	EA			3-1/2" To 4" Conduit, 14" Bonding Jumper 168.73		25.06
				<i>For Work In Restricted Working Space, Add</i>	18.79	
				<i>For Elevated Installation >10' To 15', Add</i>	6.26	
				<i>For Elevated Installation >15' To 20', Add</i>	12.53	
				<i>For Elevated Installation >20' To 25', Add</i>	15.66	
				<i>For Elevated Installation >25' To 30', Add</i>	21.92	
				<i>For Elevated Installation >30' To 35', Add</i>	25.06	
				<i>For Elevated Installation >35' To 40', Add</i>	31.32	
				<i>For Elevated Installation >40', Add</i>	34.45	
26 05 33 13-0439	EA			5" To 6" Conduit, 14" Bonding Jumper 285.07		33.40
				<i>For Work In Restricted Working Space, Add</i>	25.05	
				<i>For Elevated Installation >10' To 15', Add</i>	8.35	
				<i>For Elevated Installation >15' To 20', Add</i>	16.70	
				<i>For Elevated Installation >20' To 25', Add</i>	20.88	
				<i>For Elevated Installation >25' To 30', Add</i>	29.23	
				<i>For Elevated Installation >30' To 35', Add</i>	33.40	
				<i>For Elevated Installation >35' To 40', Add</i>	41.76	
				<i>For Elevated Installation >40', Add</i>	45.93	
26 05 33 13-0440	EA			1/2" To 3/4" Conduit, 24" Bonding Jumper 61.84		8.35
				<i>For Work In Restricted Working Space, Add</i>	6.27	
				<i>For Elevated Installation >10' To 15', Add</i>	2.09	
				<i>For Elevated Installation >15' To 20', Add</i>	4.18	
				<i>For Elevated Installation >20' To 25', Add</i>	5.22	
				<i>For Elevated Installation >25' To 30', Add</i>	7.31	
				<i>For Elevated Installation >30' To 35', Add</i>	8.36	
				<i>For Elevated Installation >35' To 40', Add</i>	10.45	
				<i>For Elevated Installation >40', Add</i>	11.49	
26 05 33 13-0441	EA			1" To 1-1/4" Conduit, 24" Bonding Jumper 72.16		10.44
				<i>For Work In Restricted Working Space, Add</i>	7.83	
				<i>For Elevated Installation >10' To 15', Add</i>	2.61	
				<i>For Elevated Installation >15' To 20', Add</i>	5.22	
				<i>For Elevated Installation >20' To 25', Add</i>	6.53	
				<i>For Elevated Installation >25' To 30', Add</i>	9.14	
				<i>For Elevated Installation >30' To 35', Add</i>	10.44	
				<i>For Elevated Installation >35' To 40', Add</i>	13.05	
				<i>For Elevated Installation >40', Add</i>	14.36	
26 05 33 13-0442	EA			1-1/2" To 2" Conduit, 24" Bonding Jumper 86.45		12.52
				<i>For Work In Restricted Working Space, Add</i>	9.39	
				<i>For Elevated Installation >10' To 15', Add</i>	3.13	
				<i>For Elevated Installation >15' To 20', Add</i>	6.26	
				<i>For Elevated Installation >20' To 25', Add</i>	7.83	
				<i>For Elevated Installation >25' To 30', Add</i>	10.96	
				<i>For Elevated Installation >30' To 35', Add</i>	12.52	
				<i>For Elevated Installation >35' To 40', Add</i>	15.66	
				<i>For Elevated Installation >40', Add</i>	17.22	
26 05 33 13-0443	EA			2-1/2" To 3" Conduit, 24" Bonding Jumper 120.61		16.70
				<i>For Work In Restricted Working Space, Add</i>	12.53	
				<i>For Elevated Installation >10' To 15', Add</i>	4.18	
				<i>For Elevated Installation >15' To 20', Add</i>	8.35	
				<i>For Elevated Installation >20' To 25', Add</i>	10.44	
				<i>For Elevated Installation >25' To 30', Add</i>	14.61	
				<i>For Elevated Installation >30' To 35', Add</i>	16.70	
				<i>For Elevated Installation >35' To 40', Add</i>	20.88	
				<i>For Elevated Installation >40', Add</i>	22.96	
26 05 33 13-0444	EA			3-1/2" To 4" Conduit, 24" Bonding Jumper 180.93		25.06
				<i>For Work In Restricted Working Space, Add</i>	18.79	
				<i>For Elevated Installation >10' To 15', Add</i>	6.26	
				<i>For Elevated Installation >15' To 20', Add</i>	12.53	
				<i>For Elevated Installation >20' To 25', Add</i>	15.66	
				<i>For Elevated Installation >25' To 30', Add</i>	21.92	
				<i>For Elevated Installation >30' To 35', Add</i>	25.06	
				<i>For Elevated Installation >35' To 40', Add</i>	31.32	
				<i>For Elevated Installation >40', Add</i>	34.45	

26 Electrical

26 05 Common Work Results for Electrical

26 05 33 Raceway and Boxes for Electrical Systems



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0445	EA 5" To 6" Conduit, 24" Bonding Jumper	324.43	33.40
	<i>For Work In Restricted Working Space, Add</i>	25.05	
	<i>For Elevated Installation >10' To 15', Add</i>	8.35	
	<i>For Elevated Installation >15' To 20', Add</i>	16.70	
	<i>For Elevated Installation >20' To 25', Add</i>	20.88	
	<i>For Elevated Installation >25' To 30', Add</i>	29.23	
	<i>For Elevated Installation >30' To 35', Add</i>	33.40	
	<i>For Elevated Installation >35' To 40', Add</i>	41.76	
	<i>For Elevated Installation >40', Add</i>	45.93	
26 05 33 13-0446	Rigid Galvanized Steel (RGS) Sealing Fittings, Vertical/Horizontal		
26 05 33 13-0447	EA 1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal.....	103.72	26.10
	<i>For Work In Restricted Working Space, Add</i>	15.66	
	<i>For Elevated Installation >10' To 15', Add</i>	5.22	
	<i>For Elevated Installation >15' To 20', Add</i>	10.44	
	<i>For Elevated Installation >20' To 25', Add</i>	13.05	
	<i>For Elevated Installation >25' To 30', Add</i>	18.27	
	<i>For Elevated Installation >30' To 35', Add</i>	20.88	
	<i>For Elevated Installation >35' To 40', Add</i>	26.10	
	<i>For Elevated Installation >40', Add</i>	28.70	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.66	
26 05 33 13-0448	EA 3/4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal.....	123.15	31.31
	<i>For Work In Restricted Working Space, Add</i>	18.79	
	<i>For Elevated Installation >10' To 15', Add</i>	6.26	
	<i>For Elevated Installation >15' To 20', Add</i>	12.53	
	<i>For Elevated Installation >20' To 25', Add</i>	15.66	
	<i>For Elevated Installation >25' To 30', Add</i>	21.92	
	<i>For Elevated Installation >30' To 35', Add</i>	25.05	
	<i>For Elevated Installation >35' To 40', Add</i>	31.32	
	<i>For Elevated Installation >40', Add</i>	34.45	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.79	
26 05 33 13-0449	EA 1" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal.....	150.86	36.54
	<i>For Work In Restricted Working Space, Add</i>	21.92	
	<i>For Elevated Installation >10' To 15', Add</i>	7.31	
	<i>For Elevated Installation >15' To 20', Add</i>	14.62	
	<i>For Elevated Installation >20' To 25', Add</i>	18.27	
	<i>For Elevated Installation >25' To 30', Add</i>	25.58	
	<i>For Elevated Installation >30' To 35', Add</i>	29.23	
	<i>For Elevated Installation >35' To 40', Add</i>	36.54	
	<i>For Elevated Installation >40', Add</i>	40.19	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.92	
26 05 33 13-0450	EA 1-1/4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	177.97	41.75
	<i>For Work In Restricted Working Space, Add</i>	25.05	
	<i>For Elevated Installation >10' To 15', Add</i>	8.35	
	<i>For Elevated Installation >15' To 20', Add</i>	16.70	
	<i>For Elevated Installation >20' To 25', Add</i>	20.88	
	<i>For Elevated Installation >25' To 30', Add</i>	29.23	
	<i>For Elevated Installation >30' To 35', Add</i>	33.40	
	<i>For Elevated Installation >35' To 40', Add</i>	41.76	
	<i>For Elevated Installation >40', Add</i>	45.93	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.05	
26 05 33 13-0451	EA 1-1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	236.16	46.98
	<i>For Work In Restricted Working Space, Add</i>	28.19	
	<i>For Elevated Installation >10' To 15', Add</i>	9.40	
	<i>For Elevated Installation >15' To 20', Add</i>	18.79	
	<i>For Elevated Installation >20' To 25', Add</i>	23.49	
	<i>For Elevated Installation >25' To 30', Add</i>	32.88	
	<i>For Elevated Installation >30' To 35', Add</i>	37.58	
	<i>For Elevated Installation >35' To 40', Add</i>	46.98	
	<i>For Elevated Installation >40', Add</i>	51.67	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.19	
26 05 33 13-0452	EA 2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal.....	288.64	52.19
	<i>For Work In Restricted Working Space, Add</i>	31.32	
	<i>For Elevated Installation >10' To 15', Add</i>	10.44	
	<i>For Elevated Installation >15' To 20', Add</i>	20.88	
	<i>For Elevated Installation >20' To 25', Add</i>	26.10	
	<i>For Elevated Installation >25' To 30', Add</i>	36.54	
	<i>For Elevated Installation >30' To 35', Add</i>	41.76	
	<i>For Elevated Installation >35' To 40', Add</i>	52.20	
	<i>For Elevated Installation >40', Add</i>	57.41	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.32	
26 05 33 13-0453	EA 2-1/2" Rigid Galvanized Steel (RGS) Conduit Sealing Fitting, Vertical/Horizontal	411.54	62.63
	<i>For Work In Restricted Working Space, Add</i>	37.58	
	<i>For Elevated Installation >10' To 15', Add</i>	12.53	
	<i>For Elevated Installation >15' To 20', Add</i>	25.05	
	<i>For Elevated Installation >20' To 25', Add</i>	31.32	
	<i>For Elevated Installation >25' To 30', Add</i>	43.84	
	<i>For Elevated Installation >30' To 35', Add</i>	50.11	
	<i>For Elevated Installation >35' To 40', Add</i>	62.64	
	<i>For Elevated Installation >40', Add</i>	68.90	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.58	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-0454	EA			3" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	495.83	73.08
				<i>For Work In Restricted Working Space, Add</i>	43.84	
				<i>For Elevated Installation >10' To 15', Add</i>	14.61	
				<i>For Elevated Installation >15' To 20', Add</i>	29.23	
				<i>For Elevated Installation >20' To 25', Add</i>	36.54	
				<i>For Elevated Installation >25' To 30', Add</i>	51.15	
				<i>For Elevated Installation >30' To 35', Add</i>	58.46	
				<i>For Elevated Installation >35' To 40', Add</i>	73.07	
				<i>For Elevated Installation >40', Add</i>	80.38	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	43.84	
26 05 33 13-0455	EA			3-1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	1,175.56	83.51
				<i>For Work In Restricted Working Space, Add</i>	50.11	
				<i>For Elevated Installation >10' To 15', Add</i>	16.70	
				<i>For Elevated Installation >15' To 20', Add</i>	33.40	
				<i>For Elevated Installation >20' To 25', Add</i>	41.76	
				<i>For Elevated Installation >25' To 30', Add</i>	58.46	
				<i>For Elevated Installation >30' To 35', Add</i>	66.81	
				<i>For Elevated Installation >35' To 40', Add</i>	83.51	
				<i>For Elevated Installation >40', Add</i>	91.86	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	50.11	
26 05 33 13-0456	EA			4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	1,355.13	93.95
				<i>For Work In Restricted Working Space, Add</i>	56.37	
				<i>For Elevated Installation >10' To 15', Add</i>	18.79	
				<i>For Elevated Installation >15' To 20', Add</i>	37.58	
				<i>For Elevated Installation >20' To 25', Add</i>	46.98	
				<i>For Elevated Installation >25' To 30', Add</i>	65.77	
				<i>For Elevated Installation >30' To 35', Add</i>	75.16	
				<i>For Elevated Installation >35' To 40', Add</i>	93.95	
				<i>For Elevated Installation >40', Add</i>	103.35	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.37	

26 05 33 13-0457 Rigid Galvanized Steel (RGS) Threaded Couplings (26 05 33 13-0059)

26 05 33 13-0458	EA			1/2" Rigid Galvanized Steel (RGS) Threaded Coupling.....	13.91	6.27
				<i>For Work In Restricted Working Space, Add</i>	3.76	
				<i>For Elevated Installation >10' To 15', Add</i>	1.25	
				<i>For Elevated Installation >15' To 20', Add</i>	2.50	
				<i>For Elevated Installation >20' To 25', Add</i>	3.13	
				<i>For Elevated Installation >25' To 30', Add</i>	4.38	
				<i>For Elevated Installation >30' To 35', Add</i>	5.01	
				<i>For Elevated Installation >35' To 40', Add</i>	6.26	
				<i>For Elevated Installation >40', Add</i>	6.89	
26 05 33 13-0459	EA			3/4" Rigid Galvanized Steel (RGS) Threaded Coupling.....	19.48	8.87
				<i>For Work In Restricted Working Space, Add</i>	5.33	
				<i>For Elevated Installation >10' To 15', Add</i>	1.78	
				<i>For Elevated Installation >15' To 20', Add</i>	3.55	
				<i>For Elevated Installation >20' To 25', Add</i>	4.44	
				<i>For Elevated Installation >25' To 30', Add</i>	6.21	
				<i>For Elevated Installation >30' To 35', Add</i>	7.10	
				<i>For Elevated Installation >35' To 40', Add</i>	8.88	
				<i>For Elevated Installation >40', Add</i>	9.76	
26 05 33 13-0460	EA			1" Rigid Galvanized Steel (RGS) Threaded Coupling.....	25.61	11.48
				<i>For Work In Restricted Working Space, Add</i>	6.89	
				<i>For Elevated Installation >10' To 15', Add</i>	2.30	
				<i>For Elevated Installation >15' To 20', Add</i>	4.59	
				<i>For Elevated Installation >20' To 25', Add</i>	5.74	
				<i>For Elevated Installation >25' To 30', Add</i>	8.04	
				<i>For Elevated Installation >30' To 35', Add</i>	9.18	
				<i>For Elevated Installation >35' To 40', Add</i>	11.48	
				<i>For Elevated Installation >40', Add</i>	12.63	
26 05 33 13-0461	EA			1-1/4" Rigid Galvanized Steel (RGS) Threaded Coupling.....	29.44	13.05
				<i>For Work In Restricted Working Space, Add</i>	7.83	
				<i>For Elevated Installation >10' To 15', Add</i>	2.61	
				<i>For Elevated Installation >15' To 20', Add</i>	5.22	
				<i>For Elevated Installation >20' To 25', Add</i>	6.53	
				<i>For Elevated Installation >25' To 30', Add</i>	9.14	
				<i>For Elevated Installation >30' To 35', Add</i>	10.44	
				<i>For Elevated Installation >35' To 40', Add</i>	13.05	
				<i>For Elevated Installation >40', Add</i>	14.36	
26 05 33 13-0462	EA			1-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling.....	35.49	15.66
				<i>For Work In Restricted Working Space, Add</i>	9.39	
				<i>For Elevated Installation >10' To 15', Add</i>	3.13	
				<i>For Elevated Installation >15' To 20', Add</i>	6.26	
				<i>For Elevated Installation >20' To 25', Add</i>	7.83	
				<i>For Elevated Installation >25' To 30', Add</i>	10.96	
				<i>For Elevated Installation >30' To 35', Add</i>	12.52	
				<i>For Elevated Installation >35' To 40', Add</i>	15.66	
				<i>For Elevated Installation >40', Add</i>	17.22	
26 05 33 13-0463	EA			2" Rigid Galvanized Steel (RGS) Threaded Coupling.....	41.73	17.75
				<i>For Work In Restricted Working Space, Add</i>	10.65	
				<i>For Elevated Installation >10' To 15', Add</i>	3.55	
				<i>For Elevated Installation >15' To 20', Add</i>	7.10	
				<i>For Elevated Installation >20' To 25', Add</i>	8.88	
				<i>For Elevated Installation >25' To 30', Add</i>	12.43	
				<i>For Elevated Installation >30' To 35', Add</i>	14.20	
				<i>For Elevated Installation >35' To 40', Add</i>	17.75	
				<i>For Elevated Installation >40', Add</i>	19.53	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-0464	EA	2-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling.....	53.66	19.83
		<i>For Work In Restricted Working Space, Add</i>	11.90	
		<i>For Elevated Installation >10' To 15', Add</i>	3.97	
		<i>For Elevated Installation >15' To 20', Add</i>	7.93	
		<i>For Elevated Installation >20' To 25', Add</i>	9.92	
		<i>For Elevated Installation >25' To 30', Add</i>	13.88	
		<i>For Elevated Installation >30' To 35', Add</i>	15.87	
		<i>For Elevated Installation >35' To 40', Add</i>	19.84	
		<i>For Elevated Installation >40', Add</i>	21.82	
26 05 33 13-0465	EA	3" Rigid Galvanized Steel (RGS) Threaded Coupling.....	63.08	22.44
		<i>For Work In Restricted Working Space, Add</i>	13.47	
		<i>For Elevated Installation >10' To 15', Add</i>	4.49	
		<i>For Elevated Installation >15' To 20', Add</i>	8.98	
		<i>For Elevated Installation >20' To 25', Add</i>	11.22	
		<i>For Elevated Installation >25' To 30', Add</i>	15.71	
		<i>For Elevated Installation >30' To 35', Add</i>	17.96	
		<i>For Elevated Installation >35' To 40', Add</i>	22.45	
		<i>For Elevated Installation >40', Add</i>	24.69	
26 05 33 13-0466	EA	3-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling.....	73.64	24.54
		<i>For Work In Restricted Working Space, Add</i>	14.72	
		<i>For Elevated Installation >10' To 15', Add</i>	4.91	
		<i>For Elevated Installation >15' To 20', Add</i>	9.81	
		<i>For Elevated Installation >20' To 25', Add</i>	12.27	
		<i>For Elevated Installation >25' To 30', Add</i>	17.17	
		<i>For Elevated Installation >30' To 35', Add</i>	19.62	
		<i>For Elevated Installation >35' To 40', Add</i>	24.53	
		<i>For Elevated Installation >40', Add</i>	26.98	
26 05 33 13-0467	EA	4" Threaded Rigid Galvanized Steel (RGS) Coupling.....	77.79	26.10
		<i>For Work In Restricted Working Space, Add</i>	15.66	
		<i>For Elevated Installation >10' To 15', Add</i>	5.22	
		<i>For Elevated Installation >15' To 20', Add</i>	10.44	
		<i>For Elevated Installation >20' To 25', Add</i>	13.05	
		<i>For Elevated Installation >25' To 30', Add</i>	18.27	
		<i>For Elevated Installation >30' To 35', Add</i>	20.88	
		<i>For Elevated Installation >35' To 40', Add</i>	26.10	
		<i>For Elevated Installation >40', Add</i>	28.70	
26 05 33 13-0468		Rigid Galvanized Steel (RGS) Sealing Locknut (26 05 33 13-0059)		
26 05 33 13-0469	EA	1/2" Rigid Galvanized Steel (RGS) Sealing Locknut.....	3.31	1.04
26 05 33 13-0470	EA	3/4" Rigid Galvanized Steel (RGS) Sealing Locknut.....	4.54	1.56
26 05 33 13-0471	EA	1" Rigid Galvanized Steel (RGS) Sealing Locknut.....	7.55	2.61
26 05 33 13-0472	EA	1-1/4" Rigid Galvanized Steel (RGS) Sealing Locknut.....	10.95	3.65
26 05 33 13-0473	EA	1-1/2" Rigid Galvanized Steel (RGS) Sealing Locknut.....	13.15	4.17
26 05 33 13-0474	EA	2" Rigid Galvanized Steel (RGS) Sealing Locknut.....	15.52	4.69
26 05 33 13-0475		Rigid Galvanized Steel (RGS) Fire Stop Fittings (26 05 33 13-0059)		
26 05 33 13-0476	EA	1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	236.98	12.67
		<i>For Work In Restricted Working Space, Add</i>	9.50	
		<i>For Elevated Installation >10' To 15', Add</i>	3.17	
		<i>For Elevated Installation >15' To 20', Add</i>	6.33	
		<i>For Elevated Installation >20' To 25', Add</i>	7.92	
		<i>For Elevated Installation >25' To 30', Add</i>	11.08	
		<i>For Elevated Installation >30' To 35', Add</i>	12.67	
		<i>For Elevated Installation >35' To 40', Add</i>	15.84	
		<i>For Elevated Installation >40', Add</i>	17.42	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.50	
26 05 33 13-0477	EA	3/4" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	240.04	13.89
		<i>For Work In Restricted Working Space, Add</i>	10.42	
		<i>For Elevated Installation >10' To 15', Add</i>	3.47	
		<i>For Elevated Installation >15' To 20', Add</i>	6.95	
		<i>For Elevated Installation >20' To 25', Add</i>	8.68	
		<i>For Elevated Installation >25' To 30', Add</i>	12.16	
		<i>For Elevated Installation >30' To 35', Add</i>	13.89	
		<i>For Elevated Installation >35' To 40', Add</i>	17.37	
		<i>For Elevated Installation >40', Add</i>	19.10	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.42	
26 05 33 13-0478	EA	1" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	289.30	15.24
		<i>For Work In Restricted Working Space, Add</i>	11.41	
		<i>For Elevated Installation >10' To 15', Add</i>	3.80	
		<i>For Elevated Installation >15' To 20', Add</i>	7.61	
		<i>For Elevated Installation >20' To 25', Add</i>	9.51	
		<i>For Elevated Installation >25' To 30', Add</i>	13.31	
		<i>For Elevated Installation >30' To 35', Add</i>	15.21	
		<i>For Elevated Installation >35' To 40', Add</i>	19.02	
		<i>For Elevated Installation >40', Add</i>	20.92	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.41	
26 05 33 13-0479	EA	1-1/4" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	317.58	16.70
		<i>For Work In Restricted Working Space, Add</i>	12.54	
		<i>For Elevated Installation >10' To 15', Add</i>	4.18	
		<i>For Elevated Installation >15' To 20', Add</i>	8.36	
		<i>For Elevated Installation >20' To 25', Add</i>	10.45	
		<i>For Elevated Installation >25' To 30', Add</i>	14.63	
		<i>For Elevated Installation >30' To 35', Add</i>	16.72	
		<i>For Elevated Installation >35' To 40', Add</i>	20.90	
		<i>For Elevated Installation >40', Add</i>	22.98	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.54	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0480 EA 1-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	362.60	18.79
For Work In Restricted Working Space, Add	14.09	
For Elevated Installation >10' To 15', Add	4.70	
For Elevated Installation >15' To 20', Add	9.40	
For Elevated Installation >20' To 25', Add	11.75	
For Elevated Installation >25' To 30', Add	16.44	
For Elevated Installation >30' To 35', Add	18.79	
For Elevated Installation >35' To 40', Add	23.49	
For Elevated Installation >40', Add	25.84	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.09	
26 05 33 13-0481 EA 2" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	542.51	20.88
For Work In Restricted Working Space, Add	15.67	
For Elevated Installation >10' To 15', Add	5.22	
For Elevated Installation >15' To 20', Add	10.44	
For Elevated Installation >20' To 25', Add	13.06	
For Elevated Installation >25' To 30', Add	18.28	
For Elevated Installation >30' To 35', Add	20.89	
For Elevated Installation >35' To 40', Add	26.11	
For Elevated Installation >40', Add	28.72	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.67	
26 05 33 13-0482 EA 2-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	621.21	27.88
For Work In Restricted Working Space, Add	20.89	
For Elevated Installation >10' To 15', Add	6.96	
For Elevated Installation >15' To 20', Add	13.93	
For Elevated Installation >20' To 25', Add	17.41	
For Elevated Installation >25' To 30', Add	24.37	
For Elevated Installation >30' To 35', Add	27.85	
For Elevated Installation >35' To 40', Add	34.82	
For Elevated Installation >40', Add	38.30	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.89	
26 05 33 13-0483 EA 3" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	689.38	30.58
For Work In Restricted Working Space, Add	22.96	
For Elevated Installation >10' To 15', Add	7.65	
For Elevated Installation >15' To 20', Add	15.30	
For Elevated Installation >20' To 25', Add	19.13	
For Elevated Installation >25' To 30', Add	26.78	
For Elevated Installation >30' To 35', Add	30.61	
For Elevated Installation >35' To 40', Add	38.26	
For Elevated Installation >40', Add	42.09	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	22.96	
26 05 33 13-0484 EA 3-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	803.64	33.40
For Work In Restricted Working Space, Add	25.06	
For Elevated Installation >10' To 15', Add	8.35	
For Elevated Installation >15' To 20', Add	16.70	
For Elevated Installation >20' To 25', Add	20.88	
For Elevated Installation >25' To 30', Add	29.23	
For Elevated Installation >30' To 35', Add	33.41	
For Elevated Installation >35' To 40', Add	41.76	
For Elevated Installation >40', Add	45.94	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.06	
26 05 33 13-0485 EA 4" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	905.99	37.58
For Work In Restricted Working Space, Add	28.19	
For Elevated Installation >10' To 15', Add	9.40	
For Elevated Installation >15' To 20', Add	18.79	
For Elevated Installation >20' To 25', Add	23.49	
For Elevated Installation >25' To 30', Add	32.88	
For Elevated Installation >30' To 35', Add	37.58	
For Elevated Installation >35' To 40', Add	46.98	
For Elevated Installation >40', Add	51.67	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	28.19	
26 05 33 13-0486 EA 5" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	1,222.87	41.75
For Work In Restricted Working Space, Add	31.32	
For Elevated Installation >10' To 15', Add	10.44	
For Elevated Installation >15' To 20', Add	20.88	
For Elevated Installation >20' To 25', Add	26.10	
For Elevated Installation >25' To 30', Add	36.54	
For Elevated Installation >30' To 35', Add	41.76	
For Elevated Installation >35' To 40', Add	52.20	
For Elevated Installation >40', Add	57.41	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	31.32	
26 05 33 13-0487 EA 6" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	1,525.46	46.34
For Work In Restricted Working Space, Add	34.76	
For Elevated Installation >10' To 15', Add	11.59	
For Elevated Installation >15' To 20', Add	23.17	
For Elevated Installation >20' To 25', Add	28.97	
For Elevated Installation >25' To 30', Add	40.55	
For Elevated Installation >30' To 35', Add	46.35	
For Elevated Installation >35' To 40', Add	57.94	
For Elevated Installation >40', Add	63.73	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	34.76	

26 05 33 13-0488 Rigid Galvanized Steel (RGS) Reducing Bushings (26 05 33 13-0059)

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-0489	EA	3/4" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	17.13	8.09
		<i>For Work In Restricted Working Space, Add</i>	4.85	
		<i>For Elevated Installation >10' To 15', Add</i>	1.62	
		<i>For Elevated Installation >15' To 20', Add</i>	3.24	
		<i>For Elevated Installation >20' To 25', Add</i>	4.05	
		<i>For Elevated Installation >25' To 30', Add</i>	5.66	
		<i>For Elevated Installation >30' To 35', Add</i>	6.47	
		<i>For Elevated Installation >35' To 40', Add</i>	8.09	
		<i>For Elevated Installation >40', Add</i>	8.90	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.85	
26 05 33 13-0490	EA	1" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	18.97	8.61
		<i>For Work In Restricted Working Space, Add</i>	5.17	
		<i>For Elevated Installation >10' To 15', Add</i>	1.72	
		<i>For Elevated Installation >15' To 20', Add</i>	3.45	
		<i>For Elevated Installation >20' To 25', Add</i>	4.31	
		<i>For Elevated Installation >25' To 30', Add</i>	6.03	
		<i>For Elevated Installation >30' To 35', Add</i>	6.89	
		<i>For Elevated Installation >35' To 40', Add</i>	8.62	
		<i>For Elevated Installation >40', Add</i>	9.48	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.17	
26 05 33 13-0491	EA	1" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	19.49	8.87
		<i>For Work In Restricted Working Space, Add</i>	5.33	
		<i>For Elevated Installation >10' To 15', Add</i>	1.78	
		<i>For Elevated Installation >15' To 20', Add</i>	3.55	
		<i>For Elevated Installation >20' To 25', Add</i>	4.44	
		<i>For Elevated Installation >25' To 30', Add</i>	6.21	
		<i>For Elevated Installation >30' To 35', Add</i>	7.10	
		<i>For Elevated Installation >35' To 40', Add</i>	8.88	
		<i>For Elevated Installation >40', Add</i>	9.76	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.33	
26 05 33 13-0492	EA	1-1/4" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	22.78	9.13
		<i>For Work In Restricted Working Space, Add</i>	5.48	
		<i>For Elevated Installation >10' To 15', Add</i>	1.83	
		<i>For Elevated Installation >15' To 20', Add</i>	3.65	
		<i>For Elevated Installation >20' To 25', Add</i>	4.57	
		<i>For Elevated Installation >25' To 30', Add</i>	6.39	
		<i>For Elevated Installation >30' To 35', Add</i>	7.31	
		<i>For Elevated Installation >35' To 40', Add</i>	9.14	
		<i>For Elevated Installation >40', Add</i>	10.05	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.48	
26 05 33 13-0493	EA	1-1/4" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	23.30	9.40
		<i>For Work In Restricted Working Space, Add</i>	5.64	
		<i>For Elevated Installation >10' To 15', Add</i>	1.88	
		<i>For Elevated Installation >15' To 20', Add</i>	3.76	
		<i>For Elevated Installation >20' To 25', Add</i>	4.70	
		<i>For Elevated Installation >25' To 30', Add</i>	6.58	
		<i>For Elevated Installation >30' To 35', Add</i>	7.52	
		<i>For Elevated Installation >35' To 40', Add</i>	9.40	
		<i>For Elevated Installation >40', Add</i>	10.33	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.64	
26 05 33 13-0494	EA	1-1/4" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing	24.34	9.92
		<i>For Work In Restricted Working Space, Add</i>	5.95	
		<i>For Elevated Installation >10' To 15', Add</i>	1.98	
		<i>For Elevated Installation >15' To 20', Add</i>	3.97	
		<i>For Elevated Installation >20' To 25', Add</i>	4.96	
		<i>For Elevated Installation >25' To 30', Add</i>	6.94	
		<i>For Elevated Installation >30' To 35', Add</i>	7.93	
		<i>For Elevated Installation >35' To 40', Add</i>	9.92	
		<i>For Elevated Installation >40', Add</i>	10.91	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.95	
26 05 33 13-0495	EA	1-1/2" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	26.34	10.44
		<i>For Work In Restricted Working Space, Add</i>	6.26	
		<i>For Elevated Installation >10' To 15', Add</i>	2.09	
		<i>For Elevated Installation >15' To 20', Add</i>	4.18	
		<i>For Elevated Installation >20' To 25', Add</i>	5.22	
		<i>For Elevated Installation >25' To 30', Add</i>	7.31	
		<i>For Elevated Installation >30' To 35', Add</i>	8.35	
		<i>For Elevated Installation >35' To 40', Add</i>	10.44	
		<i>For Elevated Installation >40', Add</i>	11.48	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.26	
26 05 33 13-0496	EA	1-1/2" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	26.86	10.70
		<i>For Work In Restricted Working Space, Add</i>	6.42	
		<i>For Elevated Installation >10' To 15', Add</i>	2.14	
		<i>For Elevated Installation >15' To 20', Add</i>	4.28	
		<i>For Elevated Installation >20' To 25', Add</i>	5.35	
		<i>For Elevated Installation >25' To 30', Add</i>	7.49	
		<i>For Elevated Installation >30' To 35', Add</i>	8.56	
		<i>For Elevated Installation >35' To 40', Add</i>	10.70	
		<i>For Elevated Installation >40', Add</i>	11.77	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.42	
26 05 33 13-0497	EA	1-1/2" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing	27.90	11.22
		<i>For Work In Restricted Working Space, Add</i>	6.73	
		<i>For Elevated Installation >10' To 15', Add</i>	2.24	
		<i>For Elevated Installation >15' To 20', Add</i>	4.49	
		<i>For Elevated Installation >20' To 25', Add</i>	5.61	
		<i>For Elevated Installation >25' To 30', Add</i>	7.85	
		<i>For Elevated Installation >30' To 35', Add</i>	8.98	
		<i>For Elevated Installation >35' To 40', Add</i>	11.22	
		<i>For Elevated Installation >40', Add</i>	12.34	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.73	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0498	EA			1-1/2" x 1-1/4" Rigid Galvanized Steel (RGS) Reducing Bushing.....	28.94	11.74
				<i>For Work In Restricted Working Space, Add</i>	7.04	
				<i>For Elevated Installation >10' To 15', Add</i>	2.35	
				<i>For Elevated Installation >15' To 20', Add</i>	4.70	
				<i>For Elevated Installation >20' To 25', Add</i>	5.87	
				<i>For Elevated Installation >25' To 30', Add</i>	8.22	
				<i>For Elevated Installation >30' To 35', Add</i>	9.39	
				<i>For Elevated Installation >35' To 40', Add</i>	11.74	
				<i>For Elevated Installation >40', Add</i>	12.91	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.04	
26 05 33 13-0499	EA			2" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing.....	35.47	11.74
				<i>For Work In Restricted Working Space, Add</i>	7.04	
				<i>For Elevated Installation >10' To 15', Add</i>	2.35	
				<i>For Elevated Installation >15' To 20', Add</i>	4.70	
				<i>For Elevated Installation >20' To 25', Add</i>	5.87	
				<i>For Elevated Installation >25' To 30', Add</i>	8.22	
				<i>For Elevated Installation >30' To 35', Add</i>	9.39	
				<i>For Elevated Installation >35' To 40', Add</i>	11.74	
				<i>For Elevated Installation >40', Add</i>	12.91	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.04	
26 05 33 13-0500	EA			2" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing.....	35.99	12.00
				<i>For Work In Restricted Working Space, Add</i>	7.20	
				<i>For Elevated Installation >10' To 15', Add</i>	2.40	
				<i>For Elevated Installation >15' To 20', Add</i>	4.80	
				<i>For Elevated Installation >20' To 25', Add</i>	6.00	
				<i>For Elevated Installation >25' To 30', Add</i>	8.40	
				<i>For Elevated Installation >30' To 35', Add</i>	9.60	
				<i>For Elevated Installation >35' To 40', Add</i>	12.00	
				<i>For Elevated Installation >40', Add</i>	13.20	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.20	
26 05 33 13-0501	EA			2" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing.....	37.05	12.52
				<i>For Work In Restricted Working Space, Add</i>	7.52	
				<i>For Elevated Installation >10' To 15', Add</i>	2.51	
				<i>For Elevated Installation >15' To 20', Add</i>	5.01	
				<i>For Elevated Installation >20' To 25', Add</i>	6.27	
				<i>For Elevated Installation >25' To 30', Add</i>	8.77	
				<i>For Elevated Installation >30' To 35', Add</i>	10.02	
				<i>For Elevated Installation >35' To 40', Add</i>	12.53	
				<i>For Elevated Installation >40', Add</i>	13.78	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.52	
26 05 33 13-0502	EA			2" x 1-1/4" Rigid Galvanized Steel (RGS) Reducing Bushing.....	38.09	13.05
				<i>For Work In Restricted Working Space, Add</i>	7.83	
				<i>For Elevated Installation >10' To 15', Add</i>	2.61	
				<i>For Elevated Installation >15' To 20', Add</i>	5.22	
				<i>For Elevated Installation >20' To 25', Add</i>	6.53	
				<i>For Elevated Installation >25' To 30', Add</i>	9.14	
				<i>For Elevated Installation >30' To 35', Add</i>	10.44	
				<i>For Elevated Installation >35' To 40', Add</i>	13.05	
				<i>For Elevated Installation >40', Add</i>	14.36	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.83	
26 05 33 13-0503	EA			2" x 1-1/2" Rigid Galvanized Steel (RGS) Reducing Bushing.....	40.70	14.35
				<i>For Work In Restricted Working Space, Add</i>	8.61	
				<i>For Elevated Installation >10' To 15', Add</i>	2.87	
				<i>For Elevated Installation >15' To 20', Add</i>	5.74	
				<i>For Elevated Installation >20' To 25', Add</i>	7.18	
				<i>For Elevated Installation >25' To 30', Add</i>	10.05	
				<i>For Elevated Installation >30' To 35', Add</i>	11.48	
				<i>For Elevated Installation >35' To 40', Add</i>	14.36	
				<i>For Elevated Installation >40', Add</i>	15.79	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.61	
26 05 33 13-0504	EA			2-1/2" x 2" Rigid Galvanized Steel (RGS) Reducing Bushing.....	51.70	16.97
				<i>For Work In Restricted Working Space, Add</i>	10.18	
				<i>For Elevated Installation >10' To 15', Add</i>	3.39	
				<i>For Elevated Installation >15' To 20', Add</i>	6.79	
				<i>For Elevated Installation >20' To 25', Add</i>	8.48	
				<i>For Elevated Installation >25' To 30', Add</i>	11.88	
				<i>For Elevated Installation >30' To 35', Add</i>	13.57	
				<i>For Elevated Installation >35' To 40', Add</i>	16.97	
				<i>For Elevated Installation >40', Add</i>	18.66	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.18	
26 05 33 13-0505				Rigid Galvanized Steel (RGS) Locknuts <small>(26 05 33 13-0059)</small>		
26 05 33 13-0506	EA			1/2" Rigid Galvanized Steel (RGS) Locknuts.....	2.18	1.04
				<i>For Work In Restricted Working Space, Add</i>	0.63	
				<i>For Elevated Installation >10' To 15', Add</i>	0.21	
				<i>For Elevated Installation >15' To 20', Add</i>	0.42	
				<i>For Elevated Installation >20' To 25', Add</i>	0.52	
				<i>For Elevated Installation >25' To 30', Add</i>	0.73	
				<i>For Elevated Installation >30' To 35', Add</i>	0.84	
				<i>For Elevated Installation >35' To 40', Add</i>	1.05	
				<i>For Elevated Installation >40', Add</i>	1.15	
26 05 33 13-0507	EA			3/4" Rigid Galvanized Steel (RGS) Locknuts.....	3.25	1.56
				<i>For Work In Restricted Working Space, Add</i>	0.94	
				<i>For Elevated Installation >10' To 15', Add</i>	0.31	
				<i>For Elevated Installation >15' To 20', Add</i>	0.63	
				<i>For Elevated Installation >20' To 25', Add</i>	0.78	
				<i>For Elevated Installation >25' To 30', Add</i>	1.10	
				<i>For Elevated Installation >30' To 35', Add</i>	1.25	
				<i>For Elevated Installation >35' To 40', Add</i>	1.57	
				<i>For Elevated Installation >40', Add</i>	1.72	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-0508	EA	1" Rigid Galvanized Steel (RGS) Locknuts.....	5.42	2.61
		<i>For Work In Restricted Working Space, Add</i>	1.57	
		<i>For Elevated Installation >10' To 15', Add</i>	0.52	
		<i>For Elevated Installation >15' To 20', Add</i>	1.04	
		<i>For Elevated Installation >20' To 25', Add</i>	1.31	
		<i>For Elevated Installation >25' To 30', Add</i>	1.83	
		<i>For Elevated Installation >30' To 35', Add</i>	2.09	
		<i>For Elevated Installation >35' To 40', Add</i>	2.61	
		<i>For Elevated Installation >40', Add</i>	2.87	
26 05 33 13-0509	EA	1-1/4" Rigid Galvanized Steel (RGS) Locknuts.....	7.64	3.65
		<i>For Work In Restricted Working Space, Add</i>	2.19	
		<i>For Elevated Installation >10' To 15', Add</i>	0.73	
		<i>For Elevated Installation >15' To 20', Add</i>	1.46	
		<i>For Elevated Installation >20' To 25', Add</i>	1.83	
		<i>For Elevated Installation >25' To 30', Add</i>	2.56	
		<i>For Elevated Installation >30' To 35', Add</i>	2.92	
		<i>For Elevated Installation >35' To 40', Add</i>	3.66	
		<i>For Elevated Installation >40', Add</i>	4.02	
26 05 33 13-0510	EA	1-1/2" Rigid Galvanized Steel (RGS) Locknuts.....	8.78	4.17
		<i>For Work In Restricted Working Space, Add</i>	2.51	
		<i>For Elevated Installation >10' To 15', Add</i>	0.84	
		<i>For Elevated Installation >15' To 20', Add</i>	1.67	
		<i>For Elevated Installation >20' To 25', Add</i>	2.09	
		<i>For Elevated Installation >25' To 30', Add</i>	2.92	
		<i>For Elevated Installation >30' To 35', Add</i>	3.34	
		<i>For Elevated Installation >35' To 40', Add</i>	4.18	
		<i>For Elevated Installation >40', Add</i>	4.59	
26 05 33 13-0511	EA	2" Rigid Galvanized Steel (RGS) Locknuts.....	9.93	4.69
		<i>For Work In Restricted Working Space, Add</i>	2.82	
		<i>For Elevated Installation >10' To 15', Add</i>	0.94	
		<i>For Elevated Installation >15' To 20', Add</i>	1.88	
		<i>For Elevated Installation >20' To 25', Add</i>	2.35	
		<i>For Elevated Installation >25' To 30', Add</i>	3.29	
		<i>For Elevated Installation >30' To 35', Add</i>	3.76	
		<i>For Elevated Installation >35' To 40', Add</i>	4.70	
		<i>For Elevated Installation >40', Add</i>	5.17	
26 05 33 13-0512	EA	2-1/2" Rigid Galvanized Steel (RGS) Locknuts.....	13.94	6.27
		<i>For Work In Restricted Working Space, Add</i>	3.76	
		<i>For Elevated Installation >10' To 15', Add</i>	1.25	
		<i>For Elevated Installation >15' To 20', Add</i>	2.50	
		<i>For Elevated Installation >20' To 25', Add</i>	3.13	
		<i>For Elevated Installation >25' To 30', Add</i>	4.38	
		<i>For Elevated Installation >30' To 35', Add</i>	5.01	
		<i>For Elevated Installation >35' To 40', Add</i>	6.26	
		<i>For Elevated Installation >40', Add</i>	6.89	
26 05 33 13-0513	EA	3" Rigid Galvanized Steel (RGS) Locknuts.....	17.23	7.83
		<i>For Work In Restricted Working Space, Add</i>	4.70	
		<i>For Elevated Installation >10' To 15', Add</i>	1.57	
		<i>For Elevated Installation >15' To 20', Add</i>	3.13	
		<i>For Elevated Installation >20' To 25', Add</i>	3.92	
		<i>For Elevated Installation >25' To 30', Add</i>	5.48	
		<i>For Elevated Installation >30' To 35', Add</i>	6.26	
		<i>For Elevated Installation >35' To 40', Add</i>	7.83	
		<i>For Elevated Installation >40', Add</i>	8.61	
26 05 33 13-0514	EA	3-1/2" Rigid Galvanized Steel (RGS) Locknuts.....	20.36	8.87
		<i>For Work In Restricted Working Space, Add</i>	5.33	
		<i>For Elevated Installation >10' To 15', Add</i>	1.78	
		<i>For Elevated Installation >15' To 20', Add</i>	3.55	
		<i>For Elevated Installation >20' To 25', Add</i>	4.44	
		<i>For Elevated Installation >25' To 30', Add</i>	6.21	
		<i>For Elevated Installation >30' To 35', Add</i>	7.10	
		<i>For Elevated Installation >35' To 40', Add</i>	8.88	
		<i>For Elevated Installation >40', Add</i>	9.76	
26 05 33 13-0515	EA	4" Rigid Galvanized Steel (RGS) Locknuts.....	22.83	9.92
		<i>For Work In Restricted Working Space, Add</i>	5.95	
		<i>For Elevated Installation >10' To 15', Add</i>	1.98	
		<i>For Elevated Installation >15' To 20', Add</i>	3.97	
		<i>For Elevated Installation >20' To 25', Add</i>	4.96	
		<i>For Elevated Installation >25' To 30', Add</i>	6.94	
		<i>For Elevated Installation >30' To 35', Add</i>	7.93	
		<i>For Elevated Installation >35' To 40', Add</i>	9.92	
		<i>For Elevated Installation >40', Add</i>	10.91	
26 05 33 13-0516		Rigid Galvanized Steel (RGS) Grounding Locknuts (26 05 33 13-0059)		
26 05 33 13-0517	EA	1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts.....	3.39	1.04
		<i>For Work In Restricted Working Space, Add</i>	0.63	
		<i>For Elevated Installation >10' To 15', Add</i>	0.21	
		<i>For Elevated Installation >15' To 20', Add</i>	0.42	
		<i>For Elevated Installation >20' To 25', Add</i>	0.52	
		<i>For Elevated Installation >25' To 30', Add</i>	0.73	
		<i>For Elevated Installation >30' To 35', Add</i>	0.84	
		<i>For Elevated Installation >35' To 40', Add</i>	1.05	
		<i>For Elevated Installation >40', Add</i>	1.15	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0518	EA			3/4" Rigid Galvanized Steel (RGS) Grounding Locknuts 4.69		1.56
				<i>For Work In Restricted Working Space, Add</i>	0.94	
				<i>For Elevated Installation >10' To 15', Add</i>	0.31	
				<i>For Elevated Installation >15' To 20', Add</i>	0.63	
				<i>For Elevated Installation >20' To 25', Add</i>	0.78	
				<i>For Elevated Installation >25' To 30', Add</i>	1.10	
				<i>For Elevated Installation >30' To 35', Add</i>	1.25	
				<i>For Elevated Installation >35' To 40', Add</i>	1.57	
				<i>For Elevated Installation >40', Add</i>	1.72	
26 05 33 13-0519	EA			1" Rigid Galvanized Steel (RGS) Grounding Locknuts 7.45		2.61
				<i>For Work In Restricted Working Space, Add</i>	1.57	
				<i>For Elevated Installation >10' To 15', Add</i>	0.52	
				<i>For Elevated Installation >15' To 20', Add</i>	1.04	
				<i>For Elevated Installation >20' To 25', Add</i>	1.31	
				<i>For Elevated Installation >25' To 30', Add</i>	1.83	
				<i>For Elevated Installation >30' To 35', Add</i>	2.09	
				<i>For Elevated Installation >35' To 40', Add</i>	2.61	
				<i>For Elevated Installation >40', Add</i>	2.87	
26 05 33 13-0520	EA			1-1/4" Rigid Galvanized Steel (RGS) Grounding Locknuts 10.42		3.65
				<i>For Work In Restricted Working Space, Add</i>	2.19	
				<i>For Elevated Installation >10' To 15', Add</i>	0.73	
				<i>For Elevated Installation >15' To 20', Add</i>	1.46	
				<i>For Elevated Installation >20' To 25', Add</i>	1.83	
				<i>For Elevated Installation >25' To 30', Add</i>	2.56	
				<i>For Elevated Installation >30' To 35', Add</i>	2.92	
				<i>For Elevated Installation >35' To 40', Add</i>	3.66	
				<i>For Elevated Installation >40', Add</i>	4.02	
26 05 33 13-0521	EA			1-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts 11.75		4.17
				<i>For Work In Restricted Working Space, Add</i>	2.51	
				<i>For Elevated Installation >10' To 15', Add</i>	0.84	
				<i>For Elevated Installation >15' To 20', Add</i>	1.67	
				<i>For Elevated Installation >20' To 25', Add</i>	2.09	
				<i>For Elevated Installation >25' To 30', Add</i>	2.92	
				<i>For Elevated Installation >30' To 35', Add</i>	3.34	
				<i>For Elevated Installation >35' To 40', Add</i>	4.18	
				<i>For Elevated Installation >40', Add</i>	4.59	
26 05 33 13-0522	EA			2" Rigid Galvanized Steel (RGS) Grounding Locknuts 13.83		4.69
				<i>For Work In Restricted Working Space, Add</i>	2.82	
				<i>For Elevated Installation >10' To 15', Add</i>	0.94	
				<i>For Elevated Installation >15' To 20', Add</i>	1.88	
				<i>For Elevated Installation >20' To 25', Add</i>	2.35	
				<i>For Elevated Installation >25' To 30', Add</i>	3.29	
				<i>For Elevated Installation >30' To 35', Add</i>	3.76	
				<i>For Elevated Installation >35' To 40', Add</i>	4.70	
				<i>For Elevated Installation >40', Add</i>	5.17	
26 05 33 13-0523	EA			2-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts 20.76		6.27
				<i>For Work In Restricted Working Space, Add</i>	3.76	
				<i>For Elevated Installation >10' To 15', Add</i>	1.25	
				<i>For Elevated Installation >15' To 20', Add</i>	2.50	
				<i>For Elevated Installation >20' To 25', Add</i>	3.13	
				<i>For Elevated Installation >25' To 30', Add</i>	4.38	
				<i>For Elevated Installation >30' To 35', Add</i>	5.01	
				<i>For Elevated Installation >35' To 40', Add</i>	6.26	
				<i>For Elevated Installation >40', Add</i>	6.89	
26 05 33 13-0524	EA			3" Rigid Galvanized Steel (RGS) Grounding Locknuts 26.12		7.83
				<i>For Work In Restricted Working Space, Add</i>	4.70	
				<i>For Elevated Installation >10' To 15', Add</i>	1.57	
				<i>For Elevated Installation >15' To 20', Add</i>	3.13	
				<i>For Elevated Installation >20' To 25', Add</i>	3.92	
				<i>For Elevated Installation >25' To 30', Add</i>	5.48	
				<i>For Elevated Installation >30' To 35', Add</i>	6.26	
				<i>For Elevated Installation >35' To 40', Add</i>	7.83	
				<i>For Elevated Installation >40', Add</i>	8.61	
26 05 33 13-0525	EA			3-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts 34.74		8.87
				<i>For Work In Restricted Working Space, Add</i>	5.33	
				<i>For Elevated Installation >10' To 15', Add</i>	1.78	
				<i>For Elevated Installation >15' To 20', Add</i>	3.55	
				<i>For Elevated Installation >20' To 25', Add</i>	4.44	
				<i>For Elevated Installation >25' To 30', Add</i>	6.21	
				<i>For Elevated Installation >30' To 35', Add</i>	7.10	
				<i>For Elevated Installation >35' To 40', Add</i>	8.88	
				<i>For Elevated Installation >40', Add</i>	9.76	
26 05 33 13-0526	EA			4" Rigid Galvanized Steel (RGS) Grounding Locknuts 41.74		9.92
				<i>For Work In Restricted Working Space, Add</i>	5.95	
				<i>For Elevated Installation >10' To 15', Add</i>	1.98	
				<i>For Elevated Installation >15' To 20', Add</i>	3.97	
				<i>For Elevated Installation >20' To 25', Add</i>	4.96	
				<i>For Elevated Installation >25' To 30', Add</i>	6.94	
				<i>For Elevated Installation >30' To 35', Add</i>	7.93	
				<i>For Elevated Installation >35' To 40', Add</i>	9.92	
				<i>For Elevated Installation >40', Add</i>	10.91	

26 05 33 13-0527 Rigid Galvanized Steel (RGS) Insulated Ground Bushing (26 05 33 13-0059)

26 Electrical

26 05 Common Work Results for Electrical

26 05 33 Raceway and Boxes for Electrical Systems



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-0528	EA 1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	9.52	3.13
	<i>For Work In Restricted Working Space, Add</i>	1.88	
	<i>For Elevated Installation >10' To 15', Add</i>	0.63	
	<i>For Elevated Installation >15' To 20', Add</i>	1.25	
	<i>For Elevated Installation >20' To 25', Add</i>	1.57	
	<i>For Elevated Installation >25' To 30', Add</i>	2.19	
	<i>For Elevated Installation >30' To 35', Add</i>	2.51	
	<i>For Elevated Installation >35' To 40', Add</i>	3.14	
	<i>For Elevated Installation >40', Add</i>	3.45	
26 05 33 13-0529	EA 3/4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	11.88	4.17
	<i>For Work In Restricted Working Space, Add</i>	2.51	
	<i>For Elevated Installation >10' To 15', Add</i>	0.84	
	<i>For Elevated Installation >15' To 20', Add</i>	1.67	
	<i>For Elevated Installation >20' To 25', Add</i>	2.09	
	<i>For Elevated Installation >25' To 30', Add</i>	2.92	
	<i>For Elevated Installation >30' To 35', Add</i>	3.34	
	<i>For Elevated Installation >35' To 40', Add</i>	4.18	
	<i>For Elevated Installation >40', Add</i>	4.59	
26 05 33 13-0530	EA 1" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	15.19	5.22
	<i>For Work In Restricted Working Space, Add</i>	3.13	
	<i>For Elevated Installation >10' To 15', Add</i>	1.04	
	<i>For Elevated Installation >15' To 20', Add</i>	2.09	
	<i>For Elevated Installation >20' To 25', Add</i>	2.61	
	<i>For Elevated Installation >25' To 30', Add</i>	3.65	
	<i>For Elevated Installation >30' To 35', Add</i>	4.18	
	<i>For Elevated Installation >35' To 40', Add</i>	5.22	
	<i>For Elevated Installation >40', Add</i>	5.74	
26 05 33 13-0531	EA 1-1/4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	22.00	8.35
	<i>For Work In Restricted Working Space, Add</i>	5.01	
	<i>For Elevated Installation >10' To 15', Add</i>	1.67	
	<i>For Elevated Installation >15' To 20', Add</i>	3.34	
	<i>For Elevated Installation >20' To 25', Add</i>	4.18	
	<i>For Elevated Installation >25' To 30', Add</i>	5.85	
	<i>For Elevated Installation >30' To 35', Add</i>	6.68	
	<i>For Elevated Installation >35' To 40', Add</i>	8.35	
	<i>For Elevated Installation >40', Add</i>	9.19	
26 05 33 13-0532	EA 1-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	24.79	9.40
	<i>For Work In Restricted Working Space, Add</i>	5.64	
	<i>For Elevated Installation >10' To 15', Add</i>	1.88	
	<i>For Elevated Installation >15' To 20', Add</i>	3.76	
	<i>For Elevated Installation >20' To 25', Add</i>	4.70	
	<i>For Elevated Installation >25' To 30', Add</i>	6.58	
	<i>For Elevated Installation >30' To 35', Add</i>	7.52	
	<i>For Elevated Installation >35' To 40', Add</i>	9.40	
	<i>For Elevated Installation >40', Add</i>	10.33	
26 05 33 13-0533	EA 2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	28.24	10.44
	<i>For Work In Restricted Working Space, Add</i>	6.26	
	<i>For Elevated Installation >10' To 15', Add</i>	2.09	
	<i>For Elevated Installation >15' To 20', Add</i>	4.18	
	<i>For Elevated Installation >20' To 25', Add</i>	5.22	
	<i>For Elevated Installation >25' To 30', Add</i>	7.31	
	<i>For Elevated Installation >30' To 35', Add</i>	8.35	
	<i>For Elevated Installation >35' To 40', Add</i>	10.44	
	<i>For Elevated Installation >40', Add</i>	11.48	
26 05 33 13-0534	EA 2-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	39.28	12.52
	<i>For Work In Restricted Working Space, Add</i>	7.52	
	<i>For Elevated Installation >10' To 15', Add</i>	2.51	
	<i>For Elevated Installation >15' To 20', Add</i>	5.01	
	<i>For Elevated Installation >20' To 25', Add</i>	6.27	
	<i>For Elevated Installation >25' To 30', Add</i>	8.77	
	<i>For Elevated Installation >30' To 35', Add</i>	10.02	
	<i>For Elevated Installation >35' To 40', Add</i>	12.53	
	<i>For Elevated Installation >40', Add</i>	13.78	
26 05 33 13-0535	EA 3" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	47.60	15.66
	<i>For Work In Restricted Working Space, Add</i>	9.39	
	<i>For Elevated Installation >10' To 15', Add</i>	3.13	
	<i>For Elevated Installation >15' To 20', Add</i>	6.26	
	<i>For Elevated Installation >20' To 25', Add</i>	7.83	
	<i>For Elevated Installation >25' To 30', Add</i>	10.96	
	<i>For Elevated Installation >30' To 35', Add</i>	12.52	
	<i>For Elevated Installation >35' To 40', Add</i>	15.66	
	<i>For Elevated Installation >40', Add</i>	17.22	
26 05 33 13-0536	EA 3-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	58.58	20.88
	<i>For Work In Restricted Working Space, Add</i>	12.53	
	<i>For Elevated Installation >10' To 15', Add</i>	4.18	
	<i>For Elevated Installation >15' To 20', Add</i>	8.35	
	<i>For Elevated Installation >20' To 25', Add</i>	10.44	
	<i>For Elevated Installation >25' To 30', Add</i>	14.61	
	<i>For Elevated Installation >30' To 35', Add</i>	16.70	
	<i>For Elevated Installation >35' To 40', Add</i>	20.88	
	<i>For Elevated Installation >40', Add</i>	22.96	
26 05 33 13-0537	EA 4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	71.22	26.10
	<i>For Work In Restricted Working Space, Add</i>	15.66	
	<i>For Elevated Installation >10' To 15', Add</i>	5.22	
	<i>For Elevated Installation >15' To 20', Add</i>	10.44	
	<i>For Elevated Installation >20' To 25', Add</i>	13.05	
	<i>For Elevated Installation >25' To 30', Add</i>	18.27	
	<i>For Elevated Installation >30' To 35', Add</i>	20.88	
	<i>For Elevated Installation >35' To 40', Add</i>	26.10	
	<i>For Elevated Installation >40', Add</i>	28.70	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-0538	Rigid Galvanized Steel (RGS) Threadless Compression Connectors <small>(26 05 33 13-0059)</small>		
26 05 33 13-0539	EA 1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i>	22.40 5.64 1.88 3.76 4.70 6.58 7.52 9.40 10.33	9.40
26 05 33 13-0540	EA 3/4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i>	26.69 6.26 2.09 4.18 5.22 7.31 8.35 10.44 11.48	10.44
26 05 33 13-0541	EA 1" Rigid Galvanized Steel (RGS) Threadless Compression Connectors <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i>	35.18 7.83 2.61 5.22 6.53 9.14 10.44 13.05 14.36	13.05
26 05 33 13-0542	EA 1-1/4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i>	48.40 9.39 3.13 6.26 7.83 10.96 12.52 15.66 17.22	15.66
26 05 33 13-0543	EA 1-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i>	65.42 12.53 4.18 8.35 10.44 14.61 16.70 20.88 22.96	20.88
26 05 33 13-0544	EA 2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i>	97.60 15.66 5.22 10.44 13.05 18.27 20.88 26.10 28.70	26.10
26 05 33 13-0545	EA 2-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i>	167.38 18.79 6.26 12.53 15.66 21.92 25.05 31.32 34.45	31.31
26 05 33 13-0546	EA 3" Rigid Galvanized Steel (RGS) Threadless Compression Connectors <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i>	211.95 21.92 7.31 14.62 18.27 25.58 29.23 36.54 40.19	36.54
26 05 33 13-0547	EA 3-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i>	270.20 26.62 8.87 17.75 22.18 31.06 35.49 44.37 48.80	44.37

26 Electrical

26 05 Common Work Results for Electrical

26 05 33 Raceway and Boxes for Electrical Systems



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0548	EA 4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	326.55	52.19
	<i>For Work In Restricted Working Space, Add</i>	31.32	
	<i>For Elevated Installation >10' To 15', Add</i>	10.44	
	<i>For Elevated Installation >15' To 20', Add</i>	20.88	
	<i>For Elevated Installation >20' To 25', Add</i>	26.10	
	<i>For Elevated Installation >25' To 30', Add</i>	36.54	
	<i>For Elevated Installation >30' To 35', Add</i>	41.76	
	<i>For Elevated Installation >35' To 40', Add</i>	52.20	
	<i>For Elevated Installation >40', Add</i>	57.41	
26 05 33 13-0549	Rigid Galvanized Steel (RGS) Compression Coupling <small>(26 05 33 13-0509)</small>		
26 05 33 13-0550	EA 1/2" Rigid Galvanized Steel (RGS) Compression Coupling	31.93	13.05
	<i>For Work In Restricted Working Space, Add</i>	7.83	
	<i>For Elevated Installation >10' To 15', Add</i>	2.61	
	<i>For Elevated Installation >15' To 20', Add</i>	5.22	
	<i>For Elevated Installation >20' To 25', Add</i>	6.53	
	<i>For Elevated Installation >25' To 30', Add</i>	9.14	
	<i>For Elevated Installation >30' To 35', Add</i>	10.44	
	<i>For Elevated Installation >35' To 40', Add</i>	13.05	
	<i>For Elevated Installation >40', Add</i>	14.36	
26 05 33 13-0551	EA 3/4" Rigid Galvanized Steel (RGS) Compression Coupling	40.65	15.66
	<i>For Work In Restricted Working Space, Add</i>	9.39	
	<i>For Elevated Installation >10' To 15', Add</i>	3.13	
	<i>For Elevated Installation >15' To 20', Add</i>	6.26	
	<i>For Elevated Installation >20' To 25', Add</i>	7.83	
	<i>For Elevated Installation >25' To 30', Add</i>	10.96	
	<i>For Elevated Installation >30' To 35', Add</i>	12.52	
	<i>For Elevated Installation >35' To 40', Add</i>	15.66	
	<i>For Elevated Installation >40', Add</i>	17.22	
26 05 33 13-0552	EA 1" Rigid Galvanized Steel (RGS) Compression Coupling	58.04	20.88
	<i>For Work In Restricted Working Space, Add</i>	12.53	
	<i>For Elevated Installation >10' To 15', Add</i>	4.18	
	<i>For Elevated Installation >15' To 20', Add</i>	8.35	
	<i>For Elevated Installation >20' To 25', Add</i>	10.44	
	<i>For Elevated Installation >25' To 30', Add</i>	14.61	
	<i>For Elevated Installation >30' To 35', Add</i>	16.70	
	<i>For Elevated Installation >35' To 40', Add</i>	20.88	
	<i>For Elevated Installation >40', Add</i>	22.96	
26 05 33 13-0553	EA 1-1/4" Rigid Galvanized Steel (RGS) Compression Coupling	76.31	26.10
	<i>For Work In Restricted Working Space, Add</i>	15.66	
	<i>For Elevated Installation >10' To 15', Add</i>	5.22	
	<i>For Elevated Installation >15' To 20', Add</i>	10.44	
	<i>For Elevated Installation >20' To 25', Add</i>	13.05	
	<i>For Elevated Installation >25' To 30', Add</i>	18.27	
	<i>For Elevated Installation >30' To 35', Add</i>	20.88	
	<i>For Elevated Installation >35' To 40', Add</i>	26.10	
	<i>For Elevated Installation >40', Add</i>	28.70	
26 05 33 13-0554	EA 1-1/2" Rigid Galvanized Steel (RGS) Compression Coupling	94.03	31.31
	<i>For Work In Restricted Working Space, Add</i>	18.79	
	<i>For Elevated Installation >10' To 15', Add</i>	6.26	
	<i>For Elevated Installation >15' To 20', Add</i>	12.53	
	<i>For Elevated Installation >20' To 25', Add</i>	15.66	
	<i>For Elevated Installation >25' To 30', Add</i>	21.92	
	<i>For Elevated Installation >30' To 35', Add</i>	25.05	
	<i>For Elevated Installation >35' To 40', Add</i>	31.32	
	<i>For Elevated Installation >40', Add</i>	34.45	
26 05 33 13-0555	EA 2" Rigid Galvanized Steel (RGS) Compression Coupling	141.75	36.54
	<i>For Work In Restricted Working Space, Add</i>	21.92	
	<i>For Elevated Installation >10' To 15', Add</i>	7.31	
	<i>For Elevated Installation >15' To 20', Add</i>	14.62	
	<i>For Elevated Installation >20' To 25', Add</i>	18.27	
	<i>For Elevated Installation >25' To 30', Add</i>	25.58	
	<i>For Elevated Installation >30' To 35', Add</i>	29.23	
	<i>For Elevated Installation >35' To 40', Add</i>	36.54	
	<i>For Elevated Installation >40', Add</i>	40.19	
26 05 33 13-0556	EA 2-1/2" Rigid Galvanized Steel (RGS) Compression Coupling	228.16	41.75
	<i>For Work In Restricted Working Space, Add</i>	25.05	
	<i>For Elevated Installation >10' To 15', Add</i>	8.35	
	<i>For Elevated Installation >15' To 20', Add</i>	16.70	
	<i>For Elevated Installation >20' To 25', Add</i>	20.88	
	<i>For Elevated Installation >25' To 30', Add</i>	29.23	
	<i>For Elevated Installation >30' To 35', Add</i>	33.40	
	<i>For Elevated Installation >35' To 40', Add</i>	41.76	
	<i>For Elevated Installation >40', Add</i>	45.93	
26 05 33 13-0557	EA 3" Rigid Galvanized Steel (RGS) Compression Coupling	263.66	36.02
	<i>For Work In Restricted Working Space, Add</i>	21.61	
	<i>For Elevated Installation >10' To 15', Add</i>	7.20	
	<i>For Elevated Installation >15' To 20', Add</i>	14.40	
	<i>For Elevated Installation >20' To 25', Add</i>	18.01	
	<i>For Elevated Installation >25' To 30', Add</i>	25.21	
	<i>For Elevated Installation >30' To 35', Add</i>	28.81	
	<i>For Elevated Installation >35' To 40', Add</i>	36.01	
	<i>For Elevated Installation >40', Add</i>	39.61	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-0558	EA			3-1/2" Rigid Galvanized Steel (RGS) Compression Coupling	361.88	54.81
				<i>For Work In Restricted Working Space, Add</i>	32.88	
				<i>For Elevated Installation >10' To 15', Add</i>	10.96	
				<i>For Elevated Installation >15' To 20', Add</i>	21.92	
				<i>For Elevated Installation >20' To 25', Add</i>	27.40	
				<i>For Elevated Installation >25' To 30', Add</i>	38.36	
				<i>For Elevated Installation >30' To 35', Add</i>	43.84	
				<i>For Elevated Installation >35' To 40', Add</i>	54.81	
				<i>For Elevated Installation >40', Add</i>	60.29	
26 05 33 13-0559	EA			4" Rigid Galvanized Steel (RGS) Compression Coupling	448.07	62.63
				<i>For Work In Restricted Working Space, Add</i>	37.58	
				<i>For Elevated Installation >10' To 15', Add</i>	12.53	
				<i>For Elevated Installation >15' To 20', Add</i>	25.05	
				<i>For Elevated Installation >20' To 25', Add</i>	31.32	
				<i>For Elevated Installation >25' To 30', Add</i>	43.84	
				<i>For Elevated Installation >30' To 35', Add</i>	50.11	
				<i>For Elevated Installation >35' To 40', Add</i>	62.64	
				<i>For Elevated Installation >40', Add</i>	68.90	
26 05 33 13-0560 Zinc Plated Steel Snap-in Knock Out Seal (26 05 33 13-0059)						
26 05 33 13-0561	EA			1/2" Zinc Plated Steel Snap-in Knock Out Seal	5.50	2.61
				<i>For Work In Restricted Working Space, Add</i>	1.57	
				<i>For Elevated Installation >10' To 15', Add</i>	0.52	
				<i>For Elevated Installation >15' To 20', Add</i>	1.04	
				<i>For Elevated Installation >20' To 25', Add</i>	1.31	
				<i>For Elevated Installation >25' To 30', Add</i>	1.83	
				<i>For Elevated Installation >30' To 35', Add</i>	2.09	
				<i>For Elevated Installation >35' To 40', Add</i>	2.61	
				<i>For Elevated Installation >40', Add</i>	2.87	
26 05 33 13-0562	EA			3/4" Zinc Plated Steel Snap-in Knock Out Seal	6.63	3.13
				<i>For Work In Restricted Working Space, Add</i>	1.88	
				<i>For Elevated Installation >10' To 15', Add</i>	0.63	
				<i>For Elevated Installation >15' To 20', Add</i>	1.25	
				<i>For Elevated Installation >20' To 25', Add</i>	1.57	
				<i>For Elevated Installation >25' To 30', Add</i>	2.19	
				<i>For Elevated Installation >30' To 35', Add</i>	2.51	
				<i>For Elevated Installation >35' To 40', Add</i>	3.14	
				<i>For Elevated Installation >40', Add</i>	3.45	
26 05 33 13-0563	EA			1" Zinc Plated Steel Snap-in Knock Out Seal	7.88	3.65
				<i>For Work In Restricted Working Space, Add</i>	2.19	
				<i>For Elevated Installation >10' To 15', Add</i>	0.73	
				<i>For Elevated Installation >15' To 20', Add</i>	1.46	
				<i>For Elevated Installation >20' To 25', Add</i>	1.83	
				<i>For Elevated Installation >25' To 30', Add</i>	2.56	
				<i>For Elevated Installation >30' To 35', Add</i>	2.92	
				<i>For Elevated Installation >35' To 40', Add</i>	3.66	
				<i>For Elevated Installation >40', Add</i>	4.02	
26 05 33 13-0564	EA			1-1/4" Zinc Plated Steel Snap-in Knock Out Seal	10.15	4.69
				<i>For Work In Restricted Working Space, Add</i>	2.82	
				<i>For Elevated Installation >10' To 15', Add</i>	0.94	
				<i>For Elevated Installation >15' To 20', Add</i>	1.88	
				<i>For Elevated Installation >20' To 25', Add</i>	2.35	
				<i>For Elevated Installation >25' To 30', Add</i>	3.29	
				<i>For Elevated Installation >30' To 35', Add</i>	3.76	
				<i>For Elevated Installation >35' To 40', Add</i>	4.70	
				<i>For Elevated Installation >40', Add</i>	5.17	
26 05 33 13-0565	EA			1-1/2" Zinc Plated Steel Snap-in Knock Out Seal	11.49	5.22
				<i>For Work In Restricted Working Space, Add</i>	3.13	
				<i>For Elevated Installation >10' To 15', Add</i>	1.04	
				<i>For Elevated Installation >15' To 20', Add</i>	2.09	
				<i>For Elevated Installation >20' To 25', Add</i>	2.61	
				<i>For Elevated Installation >25' To 30', Add</i>	3.65	
				<i>For Elevated Installation >30' To 35', Add</i>	4.18	
				<i>For Elevated Installation >35' To 40', Add</i>	5.22	
				<i>For Elevated Installation >40', Add</i>	5.74	
26 05 33 13-0566	EA			2" Zinc Plated Steel Snap-in Knock Out Seal	13.99	6.27
				<i>For Work In Restricted Working Space, Add</i>	3.76	
				<i>For Elevated Installation >10' To 15', Add</i>	1.25	
				<i>For Elevated Installation >15' To 20', Add</i>	2.50	
				<i>For Elevated Installation >20' To 25', Add</i>	3.13	
				<i>For Elevated Installation >25' To 30', Add</i>	4.38	
				<i>For Elevated Installation >30' To 35', Add</i>	5.01	
				<i>For Elevated Installation >35' To 40', Add</i>	6.26	
				<i>For Elevated Installation >40', Add</i>	6.89	
26 05 33 13-0567 Zinc Plated Steel 3-Piece Knock Out Seal (26 05 33 13-0059)						
26 05 33 13-0568	EA			1/2" Zinc Plated Steel 3-Piece Knock Out Seal	6.87	2.61
				<i>For Work In Restricted Working Space, Add</i>	1.57	
				<i>For Elevated Installation >10' To 15', Add</i>	0.52	
				<i>For Elevated Installation >15' To 20', Add</i>	1.04	
				<i>For Elevated Installation >20' To 25', Add</i>	1.31	
				<i>For Elevated Installation >25' To 30', Add</i>	1.83	
				<i>For Elevated Installation >30' To 35', Add</i>	2.09	
				<i>For Elevated Installation >35' To 40', Add</i>	2.61	
				<i>For Elevated Installation >40', Add</i>	2.87	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0569	EA 3/4" Zinc Plated Steel 3-Piece Knock Out Seal.....	8.19	3.13
	<i>For Work In Restricted Working Space, Add</i>	1.88	
	<i>For Elevated Installation >10' To 15', Add</i>	0.63	
	<i>For Elevated Installation >15' To 20', Add</i>	1.25	
	<i>For Elevated Installation >20' To 25', Add</i>	1.57	
	<i>For Elevated Installation >25' To 30', Add</i>	2.19	
	<i>For Elevated Installation >30' To 35', Add</i>	2.51	
	<i>For Elevated Installation >35' To 40', Add</i>	3.14	
	<i>For Elevated Installation >40', Add</i>	3.45	
26 05 33 13-0570	EA 1" Zinc Plated Steel 3-Piece Knock Out Seal	9.96	3.65
	<i>For Work In Restricted Working Space, Add</i>	2.19	
	<i>For Elevated Installation >10' To 15', Add</i>	0.73	
	<i>For Elevated Installation >15' To 20', Add</i>	1.46	
	<i>For Elevated Installation >20' To 25', Add</i>	1.83	
	<i>For Elevated Installation >25' To 30', Add</i>	2.56	
	<i>For Elevated Installation >30' To 35', Add</i>	2.92	
	<i>For Elevated Installation >35' To 40', Add</i>	3.66	
	<i>For Elevated Installation >40', Add</i>	4.02	
26 05 33 13-0571	EA 1-1/4" Zinc Plated Steel 3-Piece Knock Out Seal	12.81	4.69
	<i>For Work In Restricted Working Space, Add</i>	2.82	
	<i>For Elevated Installation >10' To 15', Add</i>	0.94	
	<i>For Elevated Installation >15' To 20', Add</i>	1.88	
	<i>For Elevated Installation >20' To 25', Add</i>	2.35	
	<i>For Elevated Installation >25' To 30', Add</i>	3.29	
	<i>For Elevated Installation >30' To 35', Add</i>	3.76	
	<i>For Elevated Installation >35' To 40', Add</i>	4.70	
	<i>For Elevated Installation >40', Add</i>	5.17	
26 05 33 13-0572	EA 1-1/2" Zinc Plated Steel 3-Piece Knock Out Seal	15.88	5.22
	<i>For Work In Restricted Working Space, Add</i>	3.13	
	<i>For Elevated Installation >10' To 15', Add</i>	1.04	
	<i>For Elevated Installation >15' To 20', Add</i>	2.09	
	<i>For Elevated Installation >20' To 25', Add</i>	2.61	
	<i>For Elevated Installation >25' To 30', Add</i>	3.65	
	<i>For Elevated Installation >30' To 35', Add</i>	4.18	
	<i>For Elevated Installation >35' To 40', Add</i>	5.22	
	<i>For Elevated Installation >40', Add</i>	5.74	
26 05 33 13-0573	EA 2" Zinc Plated Steel 3-Piece Knock Out Seal	19.22	6.27
	<i>For Work In Restricted Working Space, Add</i>	3.76	
	<i>For Elevated Installation >10' To 15', Add</i>	1.25	
	<i>For Elevated Installation >15' To 20', Add</i>	2.50	
	<i>For Elevated Installation >20' To 25', Add</i>	3.13	
	<i>For Elevated Installation >25' To 30', Add</i>	4.38	
	<i>For Elevated Installation >30' To 35', Add</i>	5.01	
	<i>For Elevated Installation >35' To 40', Add</i>	6.26	
	<i>For Elevated Installation >40', Add</i>	6.89	
26 05 33 13-0574	EA 2-1/2" Zinc Plated Steel 3-Piece Knock Out Seal	23.54	7.83
	<i>For Work In Restricted Working Space, Add</i>	4.70	
	<i>For Elevated Installation >10' To 15', Add</i>	1.57	
	<i>For Elevated Installation >15' To 20', Add</i>	3.13	
	<i>For Elevated Installation >20' To 25', Add</i>	3.92	
	<i>For Elevated Installation >25' To 30', Add</i>	5.48	
	<i>For Elevated Installation >30' To 35', Add</i>	6.26	
	<i>For Elevated Installation >35' To 40', Add</i>	7.83	
	<i>For Elevated Installation >40', Add</i>	8.61	
26 05 33 13-0575	EA 3" Zinc Plated Steel 3-Piece Knock Out Seal	27.59	8.87
	<i>For Work In Restricted Working Space, Add</i>	5.33	
	<i>For Elevated Installation >10' To 15', Add</i>	1.78	
	<i>For Elevated Installation >15' To 20', Add</i>	3.55	
	<i>For Elevated Installation >20' To 25', Add</i>	4.44	
	<i>For Elevated Installation >25' To 30', Add</i>	6.21	
	<i>For Elevated Installation >30' To 35', Add</i>	7.10	
	<i>For Elevated Installation >35' To 40', Add</i>	8.88	
	<i>For Elevated Installation >40', Add</i>	9.76	
26 05 33 13-0576	EA 3-1/2" Zinc Plated Steel 3-Piece Knock Out Seal	33.69	9.92
	<i>For Work In Restricted Working Space, Add</i>	5.95	
	<i>For Elevated Installation >10' To 15', Add</i>	1.98	
	<i>For Elevated Installation >15' To 20', Add</i>	3.97	
	<i>For Elevated Installation >20' To 25', Add</i>	4.96	
	<i>For Elevated Installation >25' To 30', Add</i>	6.94	
	<i>For Elevated Installation >30' To 35', Add</i>	7.93	
	<i>For Elevated Installation >35' To 40', Add</i>	9.92	
	<i>For Elevated Installation >40', Add</i>	10.91	
26 05 33 13-0577	EA 4" Zinc Plated Steel 3-Piece Knock Out Seal	39.70	10.96
	<i>For Work In Restricted Working Space, Add</i>	6.58	
	<i>For Elevated Installation >10' To 15', Add</i>	2.19	
	<i>For Elevated Installation >15' To 20', Add</i>	4.38	
	<i>For Elevated Installation >20' To 25', Add</i>	5.48	
	<i>For Elevated Installation >25' To 30', Add</i>	7.67	
	<i>For Elevated Installation >30' To 35', Add</i>	8.77	
	<i>For Elevated Installation >35' To 40', Add</i>	10.96	
	<i>For Elevated Installation >40', Add</i>	12.06	

26 05 33 13-0578 Rigid Galvanized Steel (RGS) Chase Nipples (26 05 33 13-0059)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0579 EA 1/2" Rigid Galvanized Steel (RGS) Chase Nipple.....	12.94	6.27
For Work In Restricted Working Space, Add	3.76	
For Elevated Installation >10' To 15', Add	1.25	
For Elevated Installation >15' To 20', Add	2.50	
For Elevated Installation >20' To 25', Add	3.13	
For Elevated Installation >25' To 30', Add	4.38	
For Elevated Installation >30' To 35', Add	5.01	
For Elevated Installation >35' To 40', Add	6.26	
For Elevated Installation >40', Add	6.89	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.76	
26 05 33 13-0580 EA 3/4" Rigid Galvanized Steel (RGS) Chase Nipple.....	15.33	7.31
For Work In Restricted Working Space, Add	4.39	
For Elevated Installation >10' To 15', Add	1.46	
For Elevated Installation >15' To 20', Add	2.92	
For Elevated Installation >20' To 25', Add	3.66	
For Elevated Installation >25' To 30', Add	5.12	
For Elevated Installation >30' To 35', Add	5.85	
For Elevated Installation >35' To 40', Add	7.31	
For Elevated Installation >40', Add	8.04	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.39	
26 05 33 13-0581 EA 1" Rigid Galvanized Steel (RGS) Chase Nipple.....	19.29	8.87
For Work In Restricted Working Space, Add	5.33	
For Elevated Installation >10' To 15', Add	1.78	
For Elevated Installation >15' To 20', Add	3.55	
For Elevated Installation >20' To 25', Add	4.44	
For Elevated Installation >25' To 30', Add	6.21	
For Elevated Installation >30' To 35', Add	7.10	
For Elevated Installation >35' To 40', Add	8.88	
For Elevated Installation >40', Add	9.76	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.33	
26 05 33 13-0582 EA 1-1/4" Rigid Galvanized Steel (RGS) Chase Nipple	23.55	10.44
For Work In Restricted Working Space, Add	6.26	
For Elevated Installation >10' To 15', Add	2.09	
For Elevated Installation >15' To 20', Add	4.18	
For Elevated Installation >20' To 25', Add	5.22	
For Elevated Installation >25' To 30', Add	7.31	
For Elevated Installation >30' To 35', Add	8.35	
For Elevated Installation >35' To 40', Add	10.44	
For Elevated Installation >40', Add	11.48	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.26	
26 05 33 13-0583 EA 1-1/2" Rigid Galvanized Steel (RGS) Chase Nipple	29.54	13.05
For Work In Restricted Working Space, Add	7.83	
For Elevated Installation >10' To 15', Add	2.61	
For Elevated Installation >15' To 20', Add	5.22	
For Elevated Installation >20' To 25', Add	6.53	
For Elevated Installation >25' To 30', Add	9.14	
For Elevated Installation >30' To 35', Add	10.44	
For Elevated Installation >35' To 40', Add	13.05	
For Elevated Installation >40', Add	14.36	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.83	
26 05 33 13-0584 EA 2" Rigid Galvanized Steel (RGS) Chase Nipple.....	36.89	15.66
For Work In Restricted Working Space, Add	9.39	
For Elevated Installation >10' To 15', Add	3.13	
For Elevated Installation >15' To 20', Add	6.26	
For Elevated Installation >20' To 25', Add	7.83	
For Elevated Installation >25' To 30', Add	10.96	
For Elevated Installation >30' To 35', Add	12.52	
For Elevated Installation >35' To 40', Add	15.66	
For Elevated Installation >40', Add	17.22	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.39	
26 05 33 13-0585 EA 2-1/2" Rigid Galvanized Steel (RGS) Chase Nipple	47.15	18.27
For Work In Restricted Working Space, Add	10.96	
For Elevated Installation >10' To 15', Add	3.65	
For Elevated Installation >15' To 20', Add	7.31	
For Elevated Installation >20' To 25', Add	9.14	
For Elevated Installation >25' To 30', Add	12.79	
For Elevated Installation >30' To 35', Add	14.62	
For Elevated Installation >35' To 40', Add	18.27	
For Elevated Installation >40', Add	20.10	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.96	
26 05 33 13-0586 EA 3" Rigid Galvanized Steel (RGS) Chase Nipple.....	52.64	20.88
For Work In Restricted Working Space, Add	12.53	
For Elevated Installation >10' To 15', Add	4.18	
For Elevated Installation >15' To 20', Add	8.35	
For Elevated Installation >20' To 25', Add	10.44	
For Elevated Installation >25' To 30', Add	14.61	
For Elevated Installation >30' To 35', Add	16.70	
For Elevated Installation >35' To 40', Add	20.88	
For Elevated Installation >40', Add	22.96	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.53	
26 05 33 13-0587 EA 3-1/2" Rigid Galvanized Steel (RGS) Chase Nipple	66.23	23.48
For Work In Restricted Working Space, Add	14.09	
For Elevated Installation >10' To 15', Add	4.70	
For Elevated Installation >15' To 20', Add	9.40	
For Elevated Installation >20' To 25', Add	11.75	
For Elevated Installation >25' To 30', Add	16.44	
For Elevated Installation >30' To 35', Add	18.79	
For Elevated Installation >35' To 40', Add	23.49	
For Elevated Installation >40', Add	25.84	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.09	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-0588	EA	4" Rigid Galvanized Steel (RGS) Chase Nipple.....	92.53	26.10
		<i>For Work In Restricted Working Space, Add</i>	15.66	
		<i>For Elevated Installation >10' To 15', Add</i>	5.22	
		<i>For Elevated Installation >15' To 20', Add</i>	10.44	
		<i>For Elevated Installation >20' To 25', Add</i>	13.05	
		<i>For Elevated Installation >25' To 30', Add</i>	18.27	
		<i>For Elevated Installation >30' To 35', Add</i>	20.88	
		<i>For Elevated Installation >35' To 40', Add</i>	26.10	
		<i>For Elevated Installation >40', Add</i>	28.70	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.66	

26 05 33 13-0589 Rigid Galvanized Steel (RGS) Pulling Elbow (26 05 33 13-0059)

26 05 33 13-0590	EA	1/2" Rigid Galvanized Steel (RGS) Pulling Elbow.....	26.11	9.40
		<i>For Work In Restricted Working Space, Add</i>	5.64	
		<i>For Elevated Installation >10' To 15', Add</i>	1.88	
		<i>For Elevated Installation >15' To 20', Add</i>	3.76	
		<i>For Elevated Installation >20' To 25', Add</i>	4.70	
		<i>For Elevated Installation >25' To 30', Add</i>	6.58	
		<i>For Elevated Installation >30' To 35', Add</i>	7.52	
		<i>For Elevated Installation >35' To 40', Add</i>	9.40	
		<i>For Elevated Installation >40', Add</i>	10.33	
26 05 33 13-0591	EA	3/4" Rigid Galvanized Steel (RGS) Pulling Elbow.....	30.32	10.96
		<i>For Work In Restricted Working Space, Add</i>	6.58	
		<i>For Elevated Installation >10' To 15', Add</i>	2.19	
		<i>For Elevated Installation >15' To 20', Add</i>	4.38	
		<i>For Elevated Installation >20' To 25', Add</i>	5.48	
		<i>For Elevated Installation >25' To 30', Add</i>	7.67	
		<i>For Elevated Installation >30' To 35', Add</i>	8.77	
		<i>For Elevated Installation >35' To 40', Add</i>	10.96	
		<i>For Elevated Installation >40', Add</i>	12.06	
26 05 33 13-0592	EA	1" Rigid Galvanized Steel (RGS) Pulling Elbow.....	39.01	12.52
		<i>For Work In Restricted Working Space, Add</i>	7.52	
		<i>For Elevated Installation >10' To 15', Add</i>	2.51	
		<i>For Elevated Installation >15' To 20', Add</i>	5.01	
		<i>For Elevated Installation >20' To 25', Add</i>	6.27	
		<i>For Elevated Installation >25' To 30', Add</i>	8.77	
		<i>For Elevated Installation >30' To 35', Add</i>	10.02	
		<i>For Elevated Installation >35' To 40', Add</i>	12.53	
		<i>For Elevated Installation >40', Add</i>	13.78	
26 05 33 13-0593	EA	1-1/4" Rigid Galvanized Steel (RGS) Pulling Elbow.....	50.09	15.66
		<i>For Work In Restricted Working Space, Add</i>	9.39	
		<i>For Elevated Installation >10' To 15', Add</i>	3.13	
		<i>For Elevated Installation >15' To 20', Add</i>	6.26	
		<i>For Elevated Installation >20' To 25', Add</i>	7.83	
		<i>For Elevated Installation >25' To 30', Add</i>	10.96	
		<i>For Elevated Installation >30' To 35', Add</i>	12.52	
		<i>For Elevated Installation >35' To 40', Add</i>	15.66	
		<i>For Elevated Installation >40', Add</i>	17.22	
26 05 33 13-0594	EA	1-1/2" Rigid Galvanized Steel (RGS) Pulling Elbow.....	67.39	18.79
		<i>For Work In Restricted Working Space, Add</i>	11.27	
		<i>For Elevated Installation >10' To 15', Add</i>	3.76	
		<i>For Elevated Installation >15' To 20', Add</i>	7.52	
		<i>For Elevated Installation >20' To 25', Add</i>	9.40	
		<i>For Elevated Installation >25' To 30', Add</i>	13.15	
		<i>For Elevated Installation >30' To 35', Add</i>	15.03	
		<i>For Elevated Installation >35' To 40', Add</i>	18.79	
		<i>For Elevated Installation >40', Add</i>	20.67	
26 05 33 13-0595	EA	2" Rigid Galvanized Steel (RGS) Pulling Elbow.....	91.03	21.92
		<i>For Work In Restricted Working Space, Add</i>	13.16	
		<i>For Elevated Installation >10' To 15', Add</i>	4.39	
		<i>For Elevated Installation >15' To 20', Add</i>	8.77	
		<i>For Elevated Installation >20' To 25', Add</i>	10.96	
		<i>For Elevated Installation >25' To 30', Add</i>	15.35	
		<i>For Elevated Installation >30' To 35', Add</i>	17.54	
		<i>For Elevated Installation >35' To 40', Add</i>	21.93	
		<i>For Elevated Installation >40', Add</i>	24.12	
26 05 33 13-0596	EA	2-1/2" Rigid Galvanized Steel (RGS) Pulling Elbow.....	128.00	25.06
		<i>For Work In Restricted Working Space, Add</i>	15.03	
		<i>For Elevated Installation >10' To 15', Add</i>	5.01	
		<i>For Elevated Installation >15' To 20', Add</i>	10.02	
		<i>For Elevated Installation >20' To 25', Add</i>	12.53	
		<i>For Elevated Installation >25' To 30', Add</i>	17.54	
		<i>For Elevated Installation >30' To 35', Add</i>	20.04	
		<i>For Elevated Installation >35' To 40', Add</i>	25.06	
		<i>For Elevated Installation >40', Add</i>	27.56	
26 05 33 13-0597	EA	3" Rigid Galvanized Steel (RGS) Pulling Elbow.....	227.64	31.31
		<i>For Work In Restricted Working Space, Add</i>	18.79	
		<i>For Elevated Installation >10' To 15', Add</i>	6.26	
		<i>For Elevated Installation >15' To 20', Add</i>	12.53	
		<i>For Elevated Installation >20' To 25', Add</i>	15.66	
		<i>For Elevated Installation >25' To 30', Add</i>	21.92	
		<i>For Elevated Installation >30' To 35', Add</i>	25.05	
		<i>For Elevated Installation >35' To 40', Add</i>	31.32	
		<i>For Elevated Installation >40', Add</i>	34.45	

26 05 33 13-0598 Electrical Metallic Tubing (EMT) Thinwall Conduit (26 05 33 13-0058)

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-0599	Electrical Metallic Tubing (EMT) Thinwall Conduit <small>(26 05 33 13-0598)</small> Note: Includes field bending conduit up to and including 1".		
26 05 33 13-0600	LF 1/2" Electrical Metallic Tubing (EMT) Conduit.....	5.64	1.88
	<i>For Work In Restricted Working Space, Add</i>	1.41	
	<i>For Elevated Installation >10' To 15', Add</i>	0.47	
	<i>For Elevated Installation >15' To 20', Add</i>	0.94	
	<i>For Elevated Installation >20' To 25', Add</i>	1.17	
	<i>For Elevated Installation >25' To 30', Add</i>	1.64	
	<i>For Elevated Installation >30' To 35', Add</i>	1.88	
	<i>For Elevated Installation >35' To 40', Add</i>	2.35	
	<i>For Elevated Installation >40', Add</i>	2.58	
	<i>For >250 To 500, Deduct</i>	-0.05	
	<i>For >500 To 1,000, Deduct</i>	-0.31	
	<i>For >1,000, Deduct</i>	-0.45	
	<i>For Installation In Metal Stud Wall, Add</i>	0.47	
	<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	1.17	
	<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.70	
	<i>For Factory Applied Color Coating, Add</i>	0.29	
26 05 33 13-0601	LF 3/4" Electrical Metallic Tubing (EMT) Conduit.....	6.70	2.09
	<i>For Work In Restricted Working Space, Add</i>	1.57	
	<i>For Elevated Installation >10' To 15', Add</i>	0.52	
	<i>For Elevated Installation >15' To 20', Add</i>	1.04	
	<i>For Elevated Installation >20' To 25', Add</i>	1.31	
	<i>For Elevated Installation >25' To 30', Add</i>	1.83	
	<i>For Elevated Installation >30' To 35', Add</i>	2.09	
	<i>For Elevated Installation >35' To 40', Add</i>	2.61	
	<i>For Elevated Installation >40', Add</i>	2.87	
	<i>For >250 To 500, Deduct</i>	-0.07	
	<i>For >500 To 1,000, Deduct</i>	-0.37	
	<i>For >1,000, Deduct</i>	-0.54	
	<i>For Installation In Metal Stud Wall, Add</i>	0.52	
	<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	1.31	
	<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.78	
	<i>For Factory Applied Color Coating, Add</i>	0.44	
26 05 33 13-0602	LF 1" Electrical Metallic Tubing (EMT) Conduit.....	8.22	2.30
	<i>For Work In Restricted Working Space, Add</i>	1.73	
	<i>For Elevated Installation >10' To 15', Add</i>	0.58	
	<i>For Elevated Installation >15' To 20', Add</i>	1.15	
	<i>For Elevated Installation >20' To 25', Add</i>	1.44	
	<i>For Elevated Installation >25' To 30', Add</i>	2.01	
	<i>For Elevated Installation >30' To 35', Add</i>	2.30	
	<i>For Elevated Installation >35' To 40', Add</i>	2.88	
	<i>For Elevated Installation >40', Add</i>	3.16	
	<i>For >250 To 500, Deduct</i>	-0.12	
	<i>For >500 To 1,000, Deduct</i>	-0.47	
	<i>For >1,000, Deduct</i>	-0.68	
	<i>For Installation In Metal Stud Wall, Add</i>	0.58	
	<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	1.44	
	<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.86	
	<i>For Factory Applied Color Coating, Add</i>	0.74	
26 05 33 13-0603	LF 1-1/4" Electrical Metallic Tubing (EMT) Conduit	10.36	2.59
	<i>For Work In Restricted Working Space, Add</i>	1.94	
	<i>For Elevated Installation >10' To 15', Add</i>	0.65	
	<i>For Elevated Installation >15' To 20', Add</i>	1.29	
	<i>For Elevated Installation >20' To 25', Add</i>	1.62	
	<i>For Elevated Installation >25' To 30', Add</i>	2.26	
	<i>For Elevated Installation >30' To 35', Add</i>	2.59	
	<i>For Elevated Installation >35' To 40', Add</i>	3.24	
	<i>For Elevated Installation >40', Add</i>	3.56	
	<i>For >250 To 500, Deduct</i>	-0.19	
	<i>For >500 To 1,000, Deduct</i>	-0.62	
	<i>For >1,000, Deduct</i>	-0.87	
	<i>For Installation In Metal Stud Wall, Add</i>	0.65	
	<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	1.62	
	<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.97	
	<i>For Factory Applied Color Coating, Add</i>	1.17	
26 05 33 13-0604	LF 1-1/2" Electrical Metallic Tubing (EMT) Conduit	12.15	2.93
	<i>For Work In Restricted Working Space, Add</i>	2.19	
	<i>For Elevated Installation >10' To 15', Add</i>	0.73	
	<i>For Elevated Installation >15' To 20', Add</i>	1.46	
	<i>For Elevated Installation >20' To 25', Add</i>	1.83	
	<i>For Elevated Installation >25' To 30', Add</i>	2.56	
	<i>For Elevated Installation >30' To 35', Add</i>	2.92	
	<i>For Elevated Installation >35' To 40', Add</i>	3.66	
	<i>For Elevated Installation >40', Add</i>	4.02	
	<i>For >250 To 500, Deduct</i>	-0.24	
	<i>For >500 To 1,000, Deduct</i>	-0.73	
	<i>For >1,000, Deduct</i>	-1.03	
	<i>For Installation In Metal Stud Wall, Add</i>	0.73	
	<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	1.83	
	<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	1.10	
	<i>For Factory Applied Color Coating, Add</i>	1.45	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0605	LF 2" Electrical Metallic Tubing (EMT) Conduit.....	14.10	3.34
	For Work In Restricted Working Space, Add	2.51	
	For Elevated Installation >10' To 15', Add	0.84	
	For Elevated Installation >15' To 20', Add	1.67	
	For Elevated Installation >20' To 25', Add	2.09	
	For Elevated Installation >25' To 30', Add	2.92	
	For Elevated Installation >30' To 35', Add	3.34	
	For Elevated Installation >35' To 40', Add	4.18	
	For Elevated Installation >40', Add	4.59	
	For >250 To 500, Deduct	-0.29	
	For >500 To 1,000, Deduct	-0.85	
	For >1,000, Deduct	-1.20	
	For Installation In Metal Stud Wall, Add	0.84	
	For Installation In Wood Stud Wall (Includes Drilling), Add	2.09	
	For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.25	
	For Factory Applied Color Coating, Add	1.73	
26 05 33 13-0606	LF 2-1/2" Electrical Metallic Tubing (EMT) Conduit.....	18.43	3.97
	For Work In Restricted Working Space, Add	2.98	
	For Elevated Installation >10' To 15', Add	0.99	
	For Elevated Installation >15' To 20', Add	1.98	
	For Elevated Installation >20' To 25', Add	2.48	
	For Elevated Installation >25' To 30', Add	3.47	
	For Elevated Installation >30' To 35', Add	3.97	
	For Elevated Installation >35' To 40', Add	4.96	
	For Elevated Installation >40', Add	5.46	
	For >250 To 500, Deduct	-0.43	
	For >500 To 1,000, Deduct	-1.13	
	For >1,000, Deduct	-1.60	
	For Installation In Metal Stud Wall, Add	0.99	
	For Installation In Wood Stud Wall (Includes Drilling), Add	2.48	
	For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.49	
	For Factory Applied Color Coating, Add	2.55	
26 05 33 13-0607	LF 3" Electrical Metallic Tubing (EMT) Conduit.....	22.14	4.59
	For Work In Restricted Working Space, Add	3.44	
	For Elevated Installation >10' To 15', Add	1.15	
	For Elevated Installation >15' To 20', Add	2.30	
	For Elevated Installation >20' To 25', Add	2.87	
	For Elevated Installation >25' To 30', Add	4.02	
	For Elevated Installation >30' To 35', Add	4.59	
	For Elevated Installation >35' To 40', Add	5.74	
	For Elevated Installation >40', Add	6.31	
	For >250 To 500, Deduct	-0.53	
	For >500 To 1,000, Deduct	-1.37	
	For >1,000, Deduct	-1.93	
	For Installation In Metal Stud Wall, Add	1.15	
	For Installation In Wood Stud Wall (Includes Drilling), Add	2.87	
	For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.72	
	For Factory Applied Color Coating, Add	3.20	
26 05 33 13-0608	LF 3-1/2" Electrical Metallic Tubing (EMT) Conduit.....	27.81	5.42
	For Work In Restricted Working Space, Add	4.07	
	For Elevated Installation >10' To 15', Add	1.36	
	For Elevated Installation >15' To 20', Add	2.71	
	For Elevated Installation >20' To 25', Add	3.39	
	For Elevated Installation >25' To 30', Add	4.75	
	For Elevated Installation >30' To 35', Add	5.43	
	For Elevated Installation >35' To 40', Add	6.79	
	For Elevated Installation >40', Add	7.46	
	For >250 To 500, Deduct	-0.71	
	For >500 To 1,000, Deduct	-1.75	
	For >1,000, Deduct	-2.44	
	For Installation In Metal Stud Wall, Add	1.36	
	For Installation In Wood Stud Wall (Includes Drilling), Add	3.39	
	For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	2.04	
	For Factory Applied Color Coating, Add	4.27	
26 05 33 13-0609	LF 4" Electrical Metallic Tubing (EMT) Conduit.....	36.75	8.28
	For Work In Restricted Working Space, Add	6.21	
	For Elevated Installation >10' To 15', Add	2.07	
	For Elevated Installation >15' To 20', Add	4.14	
	For Elevated Installation >20' To 25', Add	5.18	
	For Elevated Installation >25' To 30', Add	7.25	
	For Elevated Installation >30' To 35', Add	8.28	
	For Elevated Installation >35' To 40', Add	10.36	
	For Elevated Installation >40', Add	11.39	
	For >250 To 500, Deduct	-0.80	
	For >500 To 1,000, Deduct	-2.24	
	For >1,000, Deduct	-3.16	
	For Installation In Metal Stud Wall, Add	2.07	
	For Installation In Wood Stud Wall (Includes Drilling), Add	5.18	
	For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	3.11	
	For Factory Applied Color Coating, Add	4.81	

26 05 33 13-0610 Electrical Metallic Tubing (EMT) 90 Degree Elbows (26 05 33 13-0598)
 See CSI section 26 05 33 13-2318 for conduit field bending.

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0611	EA			1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	15.02	4.59
				<i>For Work In Restricted Working Space, Add</i>	3.44	
				<i>For Elevated Installation >10' To 15', Add</i>	1.15	
				<i>For Elevated Installation >15' To 20', Add</i>	2.30	
				<i>For Elevated Installation >20' To 25', Add</i>	2.87	
				<i>For Elevated Installation >25' To 30', Add</i>	4.02	
				<i>For Elevated Installation >30' To 35', Add</i>	4.59	
				<i>For Elevated Installation >35' To 40', Add</i>	5.74	
				<i>For Elevated Installation >40', Add</i>	6.31	
26 05 33 13-0612	EA			3/4" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	15.66	5.01
				<i>For Work In Restricted Working Space, Add</i>	3.76	
				<i>For Elevated Installation >10' To 15', Add</i>	1.25	
				<i>For Elevated Installation >15' To 20', Add</i>	2.50	
				<i>For Elevated Installation >20' To 25', Add</i>	3.13	
				<i>For Elevated Installation >25' To 30', Add</i>	4.38	
				<i>For Elevated Installation >30' To 35', Add</i>	5.01	
				<i>For Elevated Installation >35' To 40', Add</i>	6.26	
				<i>For Elevated Installation >40', Add</i>	6.89	
26 05 33 13-0613	EA			1" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	19.56	5.85
				<i>For Work In Restricted Working Space, Add</i>	4.39	
				<i>For Elevated Installation >10' To 15', Add</i>	1.46	
				<i>For Elevated Installation >15' To 20', Add</i>	2.92	
				<i>For Elevated Installation >20' To 25', Add</i>	3.66	
				<i>For Elevated Installation >25' To 30', Add</i>	5.12	
				<i>For Elevated Installation >30' To 35', Add</i>	5.85	
				<i>For Elevated Installation >35' To 40', Add</i>	7.31	
				<i>For Elevated Installation >40', Add</i>	8.04	
26 05 33 13-0614	EA			1-1/4" Electrical Metallic Tubing (EMT) 90 Degree Elbow	21.81	6.27
				<i>For Work In Restricted Working Space, Add</i>	4.70	
				<i>For Elevated Installation >10' To 15', Add</i>	1.57	
				<i>For Elevated Installation >15' To 20', Add</i>	3.13	
				<i>For Elevated Installation >20' To 25', Add</i>	3.92	
				<i>For Elevated Installation >25' To 30', Add</i>	5.48	
				<i>For Elevated Installation >30' To 35', Add</i>	6.26	
				<i>For Elevated Installation >35' To 40', Add</i>	7.83	
				<i>For Elevated Installation >40', Add</i>	8.61	
26 05 33 13-0615	EA			1-1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow	25.70	7.52
				<i>For Work In Restricted Working Space, Add</i>	5.64	
				<i>For Elevated Installation >10' To 15', Add</i>	1.88	
				<i>For Elevated Installation >15' To 20', Add</i>	3.76	
				<i>For Elevated Installation >20' To 25', Add</i>	4.70	
				<i>For Elevated Installation >25' To 30', Add</i>	6.58	
				<i>For Elevated Installation >30' To 35', Add</i>	7.52	
				<i>For Elevated Installation >35' To 40', Add</i>	9.40	
				<i>For Elevated Installation >40', Add</i>	10.33	
26 05 33 13-0616	EA			2" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	34.22	9.61
				<i>For Work In Restricted Working Space, Add</i>	7.20	
				<i>For Elevated Installation >10' To 15', Add</i>	2.40	
				<i>For Elevated Installation >15' To 20', Add</i>	4.80	
				<i>For Elevated Installation >20' To 25', Add</i>	6.00	
				<i>For Elevated Installation >25' To 30', Add</i>	8.40	
				<i>For Elevated Installation >30' To 35', Add</i>	9.60	
				<i>For Elevated Installation >35' To 40', Add</i>	12.01	
				<i>For Elevated Installation >40', Add</i>	13.21	
26 05 33 13-0617	EA			2-1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow	49.70	10.86
				<i>For Work In Restricted Working Space, Add</i>	8.14	
				<i>For Elevated Installation >10' To 15', Add</i>	2.71	
				<i>For Elevated Installation >15' To 20', Add</i>	5.43	
				<i>For Elevated Installation >20' To 25', Add</i>	6.79	
				<i>For Elevated Installation >25' To 30', Add</i>	9.50	
				<i>For Elevated Installation >30' To 35', Add</i>	10.86	
				<i>For Elevated Installation >35' To 40', Add</i>	13.57	
				<i>For Elevated Installation >40', Add</i>	14.93	
26 05 33 13-0618	EA			3" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	66.69	12.11
				<i>For Work In Restricted Working Space, Add</i>	9.08	
				<i>For Elevated Installation >10' To 15', Add</i>	3.03	
				<i>For Elevated Installation >15' To 20', Add</i>	6.05	
				<i>For Elevated Installation >20' To 25', Add</i>	7.57	
				<i>For Elevated Installation >25' To 30', Add</i>	10.59	
				<i>For Elevated Installation >30' To 35', Add</i>	12.11	
				<i>For Elevated Installation >35' To 40', Add</i>	15.14	
				<i>For Elevated Installation >40', Add</i>	16.65	
26 05 33 13-0619	EA			3-1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow	76.49	13.37
				<i>For Work In Restricted Working Space, Add</i>	10.02	
				<i>For Elevated Installation >10' To 15', Add</i>	3.34	
				<i>For Elevated Installation >15' To 20', Add</i>	6.68	
				<i>For Elevated Installation >20' To 25', Add</i>	8.35	
				<i>For Elevated Installation >25' To 30', Add</i>	11.69	
				<i>For Elevated Installation >30' To 35', Add</i>	13.36	
				<i>For Elevated Installation >35' To 40', Add</i>	16.70	
				<i>For Elevated Installation >40', Add</i>	18.37	
26 05 33 13-0620	EA			4" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	149.15	36.24
				<i>For Work In Restricted Working Space, Add</i>	27.18	
				<i>For Elevated Installation >10' To 15', Add</i>	9.06	
				<i>For Elevated Installation >15' To 20', Add</i>	18.12	
				<i>For Elevated Installation >20' To 25', Add</i>	22.65	
				<i>For Elevated Installation >25' To 30', Add</i>	31.71	
				<i>For Elevated Installation >30' To 35', Add</i>	36.24	
				<i>For Elevated Installation >35' To 40', Add</i>	45.30	
				<i>For Elevated Installation >40', Add</i>	49.82	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0621		Electrical Metallic Tubing (EMT) 45 Degree Elbows <small>(26 05 33 13-0598)</small>		
			See CSI section 26 05 33 13-2318 for conduit field bending.		
26 05 33	13-0622	EA	1/2" Electrical Metallic Tubing (EMT) 45 Degree Elbow.....	14.64	4.59
			<i>For Work In Restricted Working Space, Add</i>	3.44	
			<i>For Elevated Installation >10' To 15', Add</i>	1.15	
			<i>For Elevated Installation >15' To 20', Add</i>	2.30	
			<i>For Elevated Installation >20' To 25', Add</i>	2.87	
			<i>For Elevated Installation >25' To 30', Add</i>	4.02	
			<i>For Elevated Installation >30' To 35', Add</i>	4.59	
			<i>For Elevated Installation >35' To 40', Add</i>	5.74	
			<i>For Elevated Installation >40', Add</i>	6.31	
26 05 33	13-0623	EA	3/4" Electrical Metallic Tubing (EMT) 45 Degree Elbow.....	15.89	5.01
			<i>For Work In Restricted Working Space, Add</i>	3.76	
			<i>For Elevated Installation >10' To 15', Add</i>	1.25	
			<i>For Elevated Installation >15' To 20', Add</i>	2.50	
			<i>For Elevated Installation >20' To 25', Add</i>	3.13	
			<i>For Elevated Installation >25' To 30', Add</i>	4.38	
			<i>For Elevated Installation >30' To 35', Add</i>	5.01	
			<i>For Elevated Installation >35' To 40', Add</i>	6.26	
			<i>For Elevated Installation >40', Add</i>	6.89	
26 05 33	13-0624	EA	1" Electrical Metallic Tubing (EMT) 45 Degree Elbow.....	20.06	5.85
			<i>For Work In Restricted Working Space, Add</i>	4.39	
			<i>For Elevated Installation >10' To 15', Add</i>	1.46	
			<i>For Elevated Installation >15' To 20', Add</i>	2.92	
			<i>For Elevated Installation >20' To 25', Add</i>	3.66	
			<i>For Elevated Installation >25' To 30', Add</i>	5.12	
			<i>For Elevated Installation >30' To 35', Add</i>	5.85	
			<i>For Elevated Installation >35' To 40', Add</i>	7.31	
			<i>For Elevated Installation >40', Add</i>	8.04	
26 05 33	13-0625	EA	1-1/4" Electrical Metallic Tubing (EMT) 45 Degree Elbow.....	22.74	6.27
			<i>For Work In Restricted Working Space, Add</i>	4.70	
			<i>For Elevated Installation >10' To 15', Add</i>	1.57	
			<i>For Elevated Installation >15' To 20', Add</i>	3.13	
			<i>For Elevated Installation >20' To 25', Add</i>	3.92	
			<i>For Elevated Installation >25' To 30', Add</i>	5.48	
			<i>For Elevated Installation >30' To 35', Add</i>	6.26	
			<i>For Elevated Installation >35' To 40', Add</i>	7.83	
			<i>For Elevated Installation >40', Add</i>	8.61	
26 05 33	13-0626	EA	1-1/2" Electrical Metallic Tubing (EMT) 45 Degree Elbow.....	26.89	7.52
			<i>For Work In Restricted Working Space, Add</i>	5.64	
			<i>For Elevated Installation >10' To 15', Add</i>	1.88	
			<i>For Elevated Installation >15' To 20', Add</i>	3.76	
			<i>For Elevated Installation >20' To 25', Add</i>	4.70	
			<i>For Elevated Installation >25' To 30', Add</i>	6.58	
			<i>For Elevated Installation >30' To 35', Add</i>	7.52	
			<i>For Elevated Installation >35' To 40', Add</i>	9.40	
			<i>For Elevated Installation >40', Add</i>	10.33	
26 05 33	13-0627	EA	2" Electrical Metallic Tubing (EMT) 45 Degree Elbow.....	33.84	9.61
			<i>For Work In Restricted Working Space, Add</i>	7.20	
			<i>For Elevated Installation >10' To 15', Add</i>	2.40	
			<i>For Elevated Installation >15' To 20', Add</i>	4.80	
			<i>For Elevated Installation >20' To 25', Add</i>	6.00	
			<i>For Elevated Installation >25' To 30', Add</i>	8.40	
			<i>For Elevated Installation >30' To 35', Add</i>	9.60	
			<i>For Elevated Installation >35' To 40', Add</i>	12.01	
			<i>For Elevated Installation >40', Add</i>	13.21	
26 05 33	13-0628	EA	2-1/2" Electrical Metallic Tubing (EMT) 45 Degree Elbow.....	53.15	10.86
			<i>For Work In Restricted Working Space, Add</i>	8.14	
			<i>For Elevated Installation >10' To 15', Add</i>	2.71	
			<i>For Elevated Installation >15' To 20', Add</i>	5.43	
			<i>For Elevated Installation >20' To 25', Add</i>	6.79	
			<i>For Elevated Installation >25' To 30', Add</i>	9.50	
			<i>For Elevated Installation >30' To 35', Add</i>	10.86	
			<i>For Elevated Installation >35' To 40', Add</i>	13.57	
			<i>For Elevated Installation >40', Add</i>	14.93	
26 05 33	13-0629	EA	3" Electrical Metallic Tubing (EMT) 45 Degree Elbow.....	69.44	12.11
			<i>For Work In Restricted Working Space, Add</i>	9.08	
			<i>For Elevated Installation >10' To 15', Add</i>	3.03	
			<i>For Elevated Installation >15' To 20', Add</i>	6.05	
			<i>For Elevated Installation >20' To 25', Add</i>	7.57	
			<i>For Elevated Installation >25' To 30', Add</i>	10.59	
			<i>For Elevated Installation >30' To 35', Add</i>	12.11	
			<i>For Elevated Installation >35' To 40', Add</i>	15.14	
			<i>For Elevated Installation >40', Add</i>	16.65	
26 05 33	13-0630	EA	3-1/2" Electrical Metallic Tubing (EMT) 45 Degree Elbow.....	83.93	13.37
			<i>For Work In Restricted Working Space, Add</i>	10.02	
			<i>For Elevated Installation >10' To 15', Add</i>	3.34	
			<i>For Elevated Installation >15' To 20', Add</i>	6.68	
			<i>For Elevated Installation >20' To 25', Add</i>	8.35	
			<i>For Elevated Installation >25' To 30', Add</i>	11.69	
			<i>For Elevated Installation >30' To 35', Add</i>	13.36	
			<i>For Elevated Installation >35' To 40', Add</i>	16.70	
			<i>For Elevated Installation >40', Add</i>	18.37	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0631 EA 4" Electrical Metallic Tubing (EMT) 45 Degree Elbow.....	143.94	36.24
For Work In Restricted Working Space, Add	27.18	
For Elevated Installation >10' To 15', Add	9.06	
For Elevated Installation >15' To 20', Add	18.12	
For Elevated Installation >20' To 25', Add	22.65	
For Elevated Installation >25' To 30', Add	31.71	
For Elevated Installation >30' To 35', Add	36.24	
For Elevated Installation >35' To 40', Add	45.30	
For Elevated Installation >40', Add	49.82	
26 05 33 13-0632 Electrical Metallic Tubing (EMT) Set Screw Couplings (26 05 33 13-0598)		
26 05 33 13-0633 EA 1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	5.62	2.51
For Work In Restricted Working Space, Add	1.57	
For Elevated Installation >10' To 15', Add	0.52	
For Elevated Installation >15' To 20', Add	1.04	
For Elevated Installation >20' To 25', Add	1.31	
For Elevated Installation >25' To 30', Add	1.83	
For Elevated Installation >30' To 35', Add	2.09	
For Elevated Installation >35' To 40', Add	2.61	
For Elevated Installation >40', Add	2.87	
26 05 33 13-0634 EA 3/4" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	6.87	2.51
For Work In Restricted Working Space, Add	1.88	
For Elevated Installation >10' To 15', Add	0.63	
For Elevated Installation >15' To 20', Add	1.25	
For Elevated Installation >20' To 25', Add	1.57	
For Elevated Installation >25' To 30', Add	2.19	
For Elevated Installation >30' To 35', Add	2.51	
For Elevated Installation >35' To 40', Add	3.14	
For Elevated Installation >40', Add	3.45	
26 05 33 13-0635 EA 1" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	8.21	2.93
For Work In Restricted Working Space, Add	2.19	
For Elevated Installation >10' To 15', Add	0.73	
For Elevated Installation >15' To 20', Add	1.46	
For Elevated Installation >20' To 25', Add	1.83	
For Elevated Installation >25' To 30', Add	2.56	
For Elevated Installation >30' To 35', Add	2.92	
For Elevated Installation >35' To 40', Add	3.65	
For Elevated Installation >40', Add	4.02	
26 05 33 13-0636 EA 1-1/4" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	11.39	3.76
For Work In Restricted Working Space, Add	2.82	
For Elevated Installation >10' To 15', Add	0.94	
For Elevated Installation >15' To 20', Add	1.88	
For Elevated Installation >20' To 25', Add	2.35	
For Elevated Installation >25' To 30', Add	3.29	
For Elevated Installation >30' To 35', Add	3.76	
For Elevated Installation >35' To 40', Add	4.70	
For Elevated Installation >40', Add	5.17	
26 05 33 13-0637 EA 1-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	14.12	4.59
For Work In Restricted Working Space, Add	3.45	
For Elevated Installation >10' To 15', Add	1.15	
For Elevated Installation >15' To 20', Add	2.30	
For Elevated Installation >20' To 25', Add	2.87	
For Elevated Installation >25' To 30', Add	4.02	
For Elevated Installation >30' To 35', Add	4.60	
For Elevated Installation >35' To 40', Add	5.75	
For Elevated Installation >40', Add	6.32	
26 05 33 13-0638 EA 2" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	19.15	6.27
For Work In Restricted Working Space, Add	4.70	
For Elevated Installation >10' To 15', Add	1.57	
For Elevated Installation >15' To 20', Add	3.13	
For Elevated Installation >20' To 25', Add	3.91	
For Elevated Installation >25' To 30', Add	5.48	
For Elevated Installation >30' To 35', Add	6.26	
For Elevated Installation >35' To 40', Add	7.83	
For Elevated Installation >40', Add	8.61	
26 05 33 13-0639 EA 2-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	27.02	8.35
For Work In Restricted Working Space, Add	6.26	
For Elevated Installation >10' To 15', Add	2.09	
For Elevated Installation >15' To 20', Add	4.18	
For Elevated Installation >20' To 25', Add	5.22	
For Elevated Installation >25' To 30', Add	7.31	
For Elevated Installation >30' To 35', Add	8.35	
For Elevated Installation >35' To 40', Add	10.44	
For Elevated Installation >40', Add	11.48	
26 05 33 13-0640 EA 3" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	35.63	9.61
For Work In Restricted Working Space, Add	7.83	
For Elevated Installation >10' To 15', Add	2.61	
For Elevated Installation >15' To 20', Add	5.22	
For Elevated Installation >20' To 25', Add	6.53	
For Elevated Installation >25' To 30', Add	9.14	
For Elevated Installation >30' To 35', Add	10.44	
For Elevated Installation >35' To 40', Add	13.05	
For Elevated Installation >40', Add	14.36	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-0641	EA	3-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	38.86	10.44
		<i>For Work In Restricted Working Space, Add</i>	9.39	
		<i>For Elevated Installation >10' To 15', Add</i>	3.13	
		<i>For Elevated Installation >15' To 20', Add</i>	6.26	
		<i>For Elevated Installation >20' To 25', Add</i>	7.83	
		<i>For Elevated Installation >25' To 30', Add</i>	10.96	
		<i>For Elevated Installation >30' To 35', Add</i>	12.52	
		<i>For Elevated Installation >35' To 40', Add</i>	15.66	
		<i>For Elevated Installation >40', Add</i>	17.22	
26 05 33 13-0642	EA	4" Electrical Metallic Tubing (EMT) Set Screw Coupling	110.64	30.02
		<i>For Work In Restricted Working Space, Add</i>	29.16	
		<i>For Elevated Installation >10' To 15', Add</i>	9.72	
		<i>For Elevated Installation >15' To 20', Add</i>	19.44	
		<i>For Elevated Installation >20' To 25', Add</i>	24.30	
		<i>For Elevated Installation >25' To 30', Add</i>	34.02	
		<i>For Elevated Installation >30' To 35', Add</i>	38.88	
		<i>For Elevated Installation >35' To 40', Add</i>	48.60	
		<i>For Elevated Installation >40', Add</i>	53.45	
26 05 33 13-0643		Electrical Metallic Tubing (EMT) Compression Couplings <small>(26 05 33 13-0598)</small>		
26 05 33 13-0644	EA	1/2 Electrical Metallic Tubing (EMT) Compression Coupling	7.28	2.51
		<i>For Work In Restricted Working Space, Add</i>	1.88	
		<i>For Elevated Installation >10' To 15', Add</i>	0.63	
		<i>For Elevated Installation >15' To 20', Add</i>	1.25	
		<i>For Elevated Installation >20' To 25', Add</i>	1.57	
		<i>For Elevated Installation >25' To 30', Add</i>	2.19	
		<i>For Elevated Installation >30' To 35', Add</i>	2.51	
		<i>For Elevated Installation >35' To 40', Add</i>	3.14	
		<i>For Elevated Installation >40', Add</i>	3.45	
26 05 33 13-0645	EA	3/4" Electrical Metallic Tubing (EMT) Compression Coupling	8.42	2.93
		<i>For Work In Restricted Working Space, Add</i>	2.19	
		<i>For Elevated Installation >10' To 15', Add</i>	0.73	
		<i>For Elevated Installation >15' To 20', Add</i>	1.46	
		<i>For Elevated Installation >20' To 25', Add</i>	1.83	
		<i>For Elevated Installation >25' To 30', Add</i>	2.56	
		<i>For Elevated Installation >30' To 35', Add</i>	2.92	
		<i>For Elevated Installation >35' To 40', Add</i>	3.66	
		<i>For Elevated Installation >40', Add</i>	4.02	
26 05 33 13-0646	EA	1" Electrical Metallic Tubing (EMT) Compression Coupling	11.98	4.17
		<i>For Work In Restricted Working Space, Add</i>	3.13	
		<i>For Elevated Installation >10' To 15', Add</i>	1.04	
		<i>For Elevated Installation >15' To 20', Add</i>	2.09	
		<i>For Elevated Installation >20' To 25', Add</i>	2.61	
		<i>For Elevated Installation >25' To 30', Add</i>	3.65	
		<i>For Elevated Installation >30' To 35', Add</i>	4.18	
		<i>For Elevated Installation >35' To 40', Add</i>	5.22	
		<i>For Elevated Installation >40', Add</i>	5.74	
26 05 33 13-0647	EA	1-1/4" Electrical Metallic Tubing (EMT) Compression Coupling	15.74	5.01
		<i>For Work In Restricted Working Space, Add</i>	3.76	
		<i>For Elevated Installation >10' To 15', Add</i>	1.25	
		<i>For Elevated Installation >15' To 20', Add</i>	2.50	
		<i>For Elevated Installation >20' To 25', Add</i>	3.13	
		<i>For Elevated Installation >25' To 30', Add</i>	4.38	
		<i>For Elevated Installation >30' To 35', Add</i>	5.01	
		<i>For Elevated Installation >35' To 40', Add</i>	6.26	
		<i>For Elevated Installation >40', Add</i>	6.89	
26 05 33 13-0648	EA	1-1/2" Electrical Metallic Tubing (EMT) Compression Coupling	19.15	5.85
		<i>For Work In Restricted Working Space, Add</i>	4.39	
		<i>For Elevated Installation >10' To 15', Add</i>	1.46	
		<i>For Elevated Installation >15' To 20', Add</i>	2.92	
		<i>For Elevated Installation >20' To 25', Add</i>	3.66	
		<i>For Elevated Installation >25' To 30', Add</i>	5.12	
		<i>For Elevated Installation >30' To 35', Add</i>	5.85	
		<i>For Elevated Installation >35' To 40', Add</i>	7.31	
		<i>For Elevated Installation >40', Add</i>	8.04	
26 05 33 13-0649	EA	2" Electrical Metallic Tubing (EMT) Compression Coupling	25.92	7.52
		<i>For Work In Restricted Working Space, Add</i>	5.64	
		<i>For Elevated Installation >10' To 15', Add</i>	1.88	
		<i>For Elevated Installation >15' To 20', Add</i>	3.76	
		<i>For Elevated Installation >20' To 25', Add</i>	4.70	
		<i>For Elevated Installation >25' To 30', Add</i>	6.58	
		<i>For Elevated Installation >30' To 35', Add</i>	7.52	
		<i>For Elevated Installation >35' To 40', Add</i>	9.40	
		<i>For Elevated Installation >40', Add</i>	10.33	
26 05 33 13-0650	EA	2-1/2" Electrical Metallic Tubing (EMT) Compression Coupling	43.68	10.02
		<i>For Work In Restricted Working Space, Add</i>	7.52	
		<i>For Elevated Installation >10' To 15', Add</i>	2.51	
		<i>For Elevated Installation >15' To 20', Add</i>	5.01	
		<i>For Elevated Installation >20' To 25', Add</i>	6.27	
		<i>For Elevated Installation >25' To 30', Add</i>	8.77	
		<i>For Elevated Installation >30' To 35', Add</i>	10.02	
		<i>For Elevated Installation >35' To 40', Add</i>	12.53	
		<i>For Elevated Installation >40', Add</i>	13.78	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0651	EA		3" Electrical Metallic Tubing (EMT) Compression Coupling.....	50.39	11.69
			<i>For Work In Restricted Working Space, Add</i>	8.77	
			<i>For Elevated Installation >10' To 15', Add</i>	2.92	
			<i>For Elevated Installation >15' To 20', Add</i>	5.85	
			<i>For Elevated Installation >20' To 25', Add</i>	7.31	
			<i>For Elevated Installation >25' To 30', Add</i>	10.23	
			<i>For Elevated Installation >30' To 35', Add</i>	11.69	
			<i>For Elevated Installation >35' To 40', Add</i>	14.62	
			<i>For Elevated Installation >40', Add</i>	16.08	
26 05 33 13-0652	EA		3-1/2" Electrical Metallic Tubing (EMT) Compression Coupling.....	63.01	14.62
			<i>For Work In Restricted Working Space, Add</i>	10.96	
			<i>For Elevated Installation >10' To 15', Add</i>	3.65	
			<i>For Elevated Installation >15' To 20', Add</i>	7.31	
			<i>For Elevated Installation >20' To 25', Add</i>	9.14	
			<i>For Elevated Installation >25' To 30', Add</i>	12.79	
			<i>For Elevated Installation >30' To 35', Add</i>	14.62	
			<i>For Elevated Installation >35' To 40', Add</i>	18.27	
			<i>For Elevated Installation >40', Add</i>	20.10	
26 05 33 13-0653	EA		4" Electrical Metallic Tubing (EMT) Compression Coupling.....	80.74	18.79
			<i>For Work In Restricted Working Space, Add</i>	14.09	
			<i>For Elevated Installation >10' To 15', Add</i>	4.70	
			<i>For Elevated Installation >15' To 20', Add</i>	9.40	
			<i>For Elevated Installation >20' To 25', Add</i>	11.75	
			<i>For Elevated Installation >25' To 30', Add</i>	16.44	
			<i>For Elevated Installation >30' To 35', Add</i>	18.79	
			<i>For Elevated Installation >35' To 40', Add</i>	23.49	
			<i>For Elevated Installation >40', Add</i>	25.84	
26 05 33 13-0654			Electrical Metallic Tubing (EMT) Raintight Compression Couplings (26 05 33 13-0598)		
26 05 33 13-0655	EA		1/2 Electrical Metallic Tubing (EMT) Raintight Compression Coupling.....	8.73	2.51
			<i>For Work In Restricted Working Space, Add</i>	1.88	
			<i>For Elevated Installation >10' To 15', Add</i>	0.63	
			<i>For Elevated Installation >15' To 20', Add</i>	1.25	
			<i>For Elevated Installation >20' To 25', Add</i>	1.57	
			<i>For Elevated Installation >25' To 30', Add</i>	2.19	
			<i>For Elevated Installation >30' To 35', Add</i>	2.51	
			<i>For Elevated Installation >35' To 40', Add</i>	3.14	
			<i>For Elevated Installation >40', Add</i>	3.45	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.88	
26 05 33 13-0656	EA		3/4" Electrical Metallic Tubing (EMT) Raintight Compression Coupling.....	10.00	2.93
			<i>For Work In Restricted Working Space, Add</i>	2.19	
			<i>For Elevated Installation >10' To 15', Add</i>	0.73	
			<i>For Elevated Installation >15' To 20', Add</i>	1.46	
			<i>For Elevated Installation >20' To 25', Add</i>	1.83	
			<i>For Elevated Installation >25' To 30', Add</i>	2.56	
			<i>For Elevated Installation >30' To 35', Add</i>	2.92	
			<i>For Elevated Installation >35' To 40', Add</i>	3.66	
			<i>For Elevated Installation >40', Add</i>	4.02	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.19	
26 05 33 13-0657	EA		1" Electrical Metallic Tubing (EMT) Raintight Compression Coupling.....	15.00	4.17
			<i>For Work In Restricted Working Space, Add</i>	3.13	
			<i>For Elevated Installation >10' To 15', Add</i>	1.04	
			<i>For Elevated Installation >15' To 20', Add</i>	2.09	
			<i>For Elevated Installation >20' To 25', Add</i>	2.61	
			<i>For Elevated Installation >25' To 30', Add</i>	3.65	
			<i>For Elevated Installation >30' To 35', Add</i>	4.18	
			<i>For Elevated Installation >35' To 40', Add</i>	5.22	
			<i>For Elevated Installation >40', Add</i>	5.74	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.13	
26 05 33 13-0658	EA		1-1/4" Electrical Metallic Tubing (EMT) Raintight Compression Coupling.....	19.40	5.01
			<i>For Work In Restricted Working Space, Add</i>	3.76	
			<i>For Elevated Installation >10' To 15', Add</i>	1.25	
			<i>For Elevated Installation >15' To 20', Add</i>	2.50	
			<i>For Elevated Installation >20' To 25', Add</i>	3.13	
			<i>For Elevated Installation >25' To 30', Add</i>	4.38	
			<i>For Elevated Installation >30' To 35', Add</i>	5.01	
			<i>For Elevated Installation >35' To 40', Add</i>	6.26	
			<i>For Elevated Installation >40', Add</i>	6.89	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.76	
26 05 33 13-0659	EA		1-1/2" Electrical Metallic Tubing (EMT) Raintight Compression Coupling.....	25.65	5.85
			<i>For Work In Restricted Working Space, Add</i>	4.38	
			<i>For Elevated Installation >10' To 15', Add</i>	1.46	
			<i>For Elevated Installation >15' To 20', Add</i>	2.92	
			<i>For Elevated Installation >20' To 25', Add</i>	3.65	
			<i>For Elevated Installation >25' To 30', Add</i>	5.11	
			<i>For Elevated Installation >30' To 35', Add</i>	5.84	
			<i>For Elevated Installation >35' To 40', Add</i>	7.31	
			<i>For Elevated Installation >40', Add</i>	8.04	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.38	
26 05 33 13-0660	EA		2" Electrical Metallic Tubing (EMT) Raintight Compression Coupling.....	31.30	7.10
			<i>For Work In Restricted Working Space, Add</i>	5.33	
			<i>For Elevated Installation >10' To 15', Add</i>	1.78	
			<i>For Elevated Installation >15' To 20', Add</i>	3.55	
			<i>For Elevated Installation >20' To 25', Add</i>	4.44	
			<i>For Elevated Installation >25' To 30', Add</i>	6.21	
			<i>For Elevated Installation >30' To 35', Add</i>	7.10	
			<i>For Elevated Installation >35' To 40', Add</i>	8.88	
			<i>For Elevated Installation >40', Add</i>	9.76	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.33	

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26 05 33 13-0661	EA	2-1/2" Electrical Metallic Tubing (EMT) Raintight Compression Coupling.....	42.03	9.61
		<i>For Work In Restricted Working Space, Add</i>	7.20	
		<i>For Elevated Installation >10' To 15', Add</i>	2.40	
		<i>For Elevated Installation >15' To 20', Add</i>	4.80	
		<i>For Elevated Installation >20' To 25', Add</i>	6.00	
		<i>For Elevated Installation >25' To 30', Add</i>	8.40	
		<i>For Elevated Installation >30' To 35', Add</i>	9.60	
		<i>For Elevated Installation >35' To 40', Add</i>	12.00	
		<i>For Elevated Installation >40', Add</i>	13.20	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.20	
26 05 33 13-0662	EA	3" Electrical Metallic Tubing (EMT) Raintight Compression Coupling.....	53.73	11.69
		<i>For Work In Restricted Working Space, Add</i>	8.77	
		<i>For Elevated Installation >10' To 15', Add</i>	2.92	
		<i>For Elevated Installation >15' To 20', Add</i>	5.85	
		<i>For Elevated Installation >20' To 25', Add</i>	7.31	
		<i>For Elevated Installation >25' To 30', Add</i>	10.23	
		<i>For Elevated Installation >30' To 35', Add</i>	11.69	
		<i>For Elevated Installation >35' To 40', Add</i>	14.62	
		<i>For Elevated Installation >40', Add</i>	16.08	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.77	
26 05 33 13-0663	EA	3-1/2" Electrical Metallic Tubing (EMT) Raintight Compression Coupling.....	71.98	14.62
		<i>For Work In Restricted Working Space, Add</i>	10.96	
		<i>For Elevated Installation >10' To 15', Add</i>	3.65	
		<i>For Elevated Installation >15' To 20', Add</i>	7.31	
		<i>For Elevated Installation >20' To 25', Add</i>	9.14	
		<i>For Elevated Installation >25' To 30', Add</i>	12.79	
		<i>For Elevated Installation >30' To 35', Add</i>	14.62	
		<i>For Elevated Installation >35' To 40', Add</i>	18.27	
		<i>For Elevated Installation >40', Add</i>	20.10	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.96	
26 05 33 13-0664	EA	4" Electrical Metallic Tubing (EMT) Raintight Compression Coupling.....	86.60	18.79
		<i>For Work In Restricted Working Space, Add</i>	14.09	
		<i>For Elevated Installation >10' To 15', Add</i>	4.70	
		<i>For Elevated Installation >15' To 20', Add</i>	9.40	
		<i>For Elevated Installation >20' To 25', Add</i>	11.75	
		<i>For Elevated Installation >25' To 30', Add</i>	16.44	
		<i>For Elevated Installation >30' To 35', Add</i>	18.79	
		<i>For Elevated Installation >35' To 40', Add</i>	23.49	
		<i>For Elevated Installation >40', Add</i>	25.84	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.09	
26 05 33 13-0665		Electrical Metallic Tubing (EMT) Insulated Bushing <small>(26 05 33 13-0598)</small>		
26 05 33 13-0666	EA	1/2" Electrical Metallic Tubing (EMT) Insulated Bushing.....	7.14	2.82
		<i>For Work In Restricted Working Space, Add</i>	2.10	
		<i>For Elevated Installation >10' To 15', Add</i>	0.70	
		<i>For Elevated Installation >15' To 20', Add</i>	1.40	
		<i>For Elevated Installation >20' To 25', Add</i>	1.75	
		<i>For Elevated Installation >25' To 30', Add</i>	2.45	
		<i>For Elevated Installation >30' To 35', Add</i>	2.80	
		<i>For Elevated Installation >35' To 40', Add</i>	3.50	
		<i>For Elevated Installation >40', Add</i>	3.85	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.10	
26 05 33 13-0667	EA	3/4" Electrical Metallic Tubing (EMT) Insulated Bushing.....	7.83	3.03
		<i>For Work In Restricted Working Space, Add</i>	2.29	
		<i>For Elevated Installation >10' To 15', Add</i>	0.76	
		<i>For Elevated Installation >15' To 20', Add</i>	1.52	
		<i>For Elevated Installation >20' To 25', Add</i>	1.91	
		<i>For Elevated Installation >25' To 30', Add</i>	2.67	
		<i>For Elevated Installation >30' To 35', Add</i>	3.05	
		<i>For Elevated Installation >35' To 40', Add</i>	3.81	
		<i>For Elevated Installation >40', Add</i>	4.19	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.29	
26 05 33 13-0668	EA	1" Electrical Metallic Tubing (EMT) Insulated Bushing.....	9.97	3.76
		<i>For Work In Restricted Working Space, Add</i>	2.79	
		<i>For Elevated Installation >10' To 15', Add</i>	0.93	
		<i>For Elevated Installation >15' To 20', Add</i>	1.86	
		<i>For Elevated Installation >20' To 25', Add</i>	2.32	
		<i>For Elevated Installation >25' To 30', Add</i>	3.25	
		<i>For Elevated Installation >30' To 35', Add</i>	3.72	
		<i>For Elevated Installation >35' To 40', Add</i>	4.65	
		<i>For Elevated Installation >40', Add</i>	5.11	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.79	
26 05 33 13-0669	EA	1-1/4" Electrical Metallic Tubing (EMT) Insulated Bushing.....	12.74	4.80
		<i>For Work In Restricted Working Space, Add</i>	3.57	
		<i>For Elevated Installation >10' To 15', Add</i>	1.19	
		<i>For Elevated Installation >15' To 20', Add</i>	2.38	
		<i>For Elevated Installation >20' To 25', Add</i>	2.98	
		<i>For Elevated Installation >25' To 30', Add</i>	4.17	
		<i>For Elevated Installation >30' To 35', Add</i>	4.76	
		<i>For Elevated Installation >35' To 40', Add</i>	5.95	
		<i>For Elevated Installation >40', Add</i>	6.55	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.57	

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26 05 33 13-0670	EA 1-1/2" Electrical Metallic Tubing (EMT) Insulated Bushing	15.21	5.53
	For Work In Restricted Working Space, Add	4.17	
	For Elevated Installation >10' To 15', Add	1.39	
	For Elevated Installation >15' To 20', Add	2.78	
	For Elevated Installation >20' To 25', Add	3.47	
	For Elevated Installation >25' To 30', Add	4.86	
	For Elevated Installation >30' To 35', Add	5.56	
	For Elevated Installation >35' To 40', Add	6.95	
	For Elevated Installation >40', Add	7.64	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.17	
26 05 33 13-0671	EA 2" Electrical Metallic Tubing (EMT) Insulated Bushing.....	18.91	6.68
	For Work In Restricted Working Space, Add	5.01	
	For Elevated Installation >10' To 15', Add	1.67	
	For Elevated Installation >15' To 20', Add	3.34	
	For Elevated Installation >20' To 25', Add	4.18	
	For Elevated Installation >25' To 30', Add	5.85	
	For Elevated Installation >30' To 35', Add	6.68	
	For Elevated Installation >35' To 40', Add	8.35	
	For Elevated Installation >40', Add	9.19	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.01	
26 05 33 13-0672	EA 2-1/2" Electrical Metallic Tubing (EMT) Insulated Bushing	27.95	9.29
	For Work In Restricted Working Space, Add	6.95	
	For Elevated Installation >10' To 15', Add	2.32	
	For Elevated Installation >15' To 20', Add	4.63	
	For Elevated Installation >20' To 25', Add	5.79	
	For Elevated Installation >25' To 30', Add	8.11	
	For Elevated Installation >30' To 35', Add	9.27	
	For Elevated Installation >35' To 40', Add	11.59	
	For Elevated Installation >40', Add	12.74	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.95	
26 05 33 13-0673	EA 3" Electrical Metallic Tubing (EMT) Insulated Bushing.....	36.98	12.31
	For Work In Restricted Working Space, Add	9.27	
	For Elevated Installation >10' To 15', Add	3.09	
	For Elevated Installation >15' To 20', Add	6.18	
	For Elevated Installation >20' To 25', Add	7.73	
	For Elevated Installation >25' To 30', Add	10.82	
	For Elevated Installation >30' To 35', Add	12.36	
	For Elevated Installation >35' To 40', Add	15.45	
	For Elevated Installation >40', Add	17.00	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.27	
26 05 33 13-0674	EA 3-1/2" Electrical Metallic Tubing (EMT) Insulated Bushing	47.27	15.86
	For Work In Restricted Working Space, Add	11.93	
	For Elevated Installation >10' To 15', Add	3.98	
	For Elevated Installation >15' To 20', Add	7.95	
	For Elevated Installation >20' To 25', Add	9.94	
	For Elevated Installation >25' To 30', Add	13.92	
	For Elevated Installation >30' To 35', Add	15.91	
	For Elevated Installation >35' To 40', Add	19.89	
	For Elevated Installation >40', Add	21.87	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.93	
26 05 33 13-0675	EA 4" Electrical Metallic Tubing (EMT) Insulated Bushing.....	60.54	20.88
	For Work In Restricted Working Space, Add	15.66	
	For Elevated Installation >10' To 15', Add	5.22	
	For Elevated Installation >15' To 20', Add	10.44	
	For Elevated Installation >20' To 25', Add	13.05	
	For Elevated Installation >25' To 30', Add	18.27	
	For Elevated Installation >30' To 35', Add	20.88	
	For Elevated Installation >35' To 40', Add	26.10	
	For Elevated Installation >40', Add	28.70	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.66	
26 05 33 13-0676	Electrical Metallic Tubing (EMT) Straight Box Connectors With Set Screw ⁽²⁶		
	<small>05 33 13-0598)</small>		
26 05 33 13-0677	EA 1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw.....	5.55	2.09
	For Work In Restricted Working Space, Add	1.57	
	For Elevated Installation >10' To 15', Add	0.52	
	For Elevated Installation >15' To 20', Add	1.04	
	For Elevated Installation >20' To 25', Add	1.31	
	For Elevated Installation >25' To 30', Add	1.83	
	For Elevated Installation >30' To 35', Add	2.09	
	For Elevated Installation >35' To 40', Add	2.61	
	For Elevated Installation >40', Add	2.87	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.57	
26 05 33 13-0678	EA 3/4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw.....	6.79	2.51
	For Work In Restricted Working Space, Add	1.88	
	For Elevated Installation >10' To 15', Add	0.63	
	For Elevated Installation >15' To 20', Add	1.25	
	For Elevated Installation >20' To 25', Add	1.57	
	For Elevated Installation >25' To 30', Add	2.19	
	For Elevated Installation >30' To 35', Add	2.51	
	For Elevated Installation >35' To 40', Add	3.14	
	For Elevated Installation >40', Add	3.45	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.88	

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26 05 33 13-0679	EA	1" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw.....	8.22	2.93
		<i>For Work In Restricted Working Space, Add</i>	2.19	
		<i>For Elevated Installation >10' To 15', Add</i>	0.73	
		<i>For Elevated Installation >15' To 20', Add</i>	1.46	
		<i>For Elevated Installation >20' To 25', Add</i>	1.83	
		<i>For Elevated Installation >25' To 30', Add</i>	2.56	
		<i>For Elevated Installation >30' To 35', Add</i>	2.92	
		<i>For Elevated Installation >35' To 40', Add</i>	3.66	
		<i>For Elevated Installation >40', Add</i>	4.02	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.19	
26 05 33 13-0680	EA	1-1/4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw.....	12.12	4.17
		<i>For Work In Restricted Working Space, Add</i>	3.13	
		<i>For Elevated Installation >10' To 15', Add</i>	1.04	
		<i>For Elevated Installation >15' To 20', Add</i>	2.09	
		<i>For Elevated Installation >20' To 25', Add</i>	2.61	
		<i>For Elevated Installation >25' To 30', Add</i>	3.65	
		<i>For Elevated Installation >30' To 35', Add</i>	4.18	
		<i>For Elevated Installation >35' To 40', Add</i>	5.22	
		<i>For Elevated Installation >40', Add</i>	5.74	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.13	
26 05 33 13-0681	EA	1-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw.....	14.96	5.01
		<i>For Work In Restricted Working Space, Add</i>	3.76	
		<i>For Elevated Installation >10' To 15', Add</i>	1.25	
		<i>For Elevated Installation >15' To 20', Add</i>	2.50	
		<i>For Elevated Installation >20' To 25', Add</i>	3.13	
		<i>For Elevated Installation >25' To 30', Add</i>	4.38	
		<i>For Elevated Installation >30' To 35', Add</i>	5.01	
		<i>For Elevated Installation >35' To 40', Add</i>	6.26	
		<i>For Elevated Installation >40', Add</i>	6.89	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.76	
26 05 33 13-0682	EA	2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw.....	19.27	6.27
		<i>For Work In Restricted Working Space, Add</i>	4.70	
		<i>For Elevated Installation >10' To 15', Add</i>	1.57	
		<i>For Elevated Installation >15' To 20', Add</i>	3.13	
		<i>For Elevated Installation >20' To 25', Add</i>	3.92	
		<i>For Elevated Installation >25' To 30', Add</i>	5.48	
		<i>For Elevated Installation >30' To 35', Add</i>	6.26	
		<i>For Elevated Installation >35' To 40', Add</i>	7.83	
		<i>For Elevated Installation >40', Add</i>	8.61	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.70	
26 05 33 13-0683	EA	2-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw.....	30.94	8.35
		<i>For Work In Restricted Working Space, Add</i>	6.26	
		<i>For Elevated Installation >10' To 15', Add</i>	2.09	
		<i>For Elevated Installation >15' To 20', Add</i>	4.18	
		<i>For Elevated Installation >20' To 25', Add</i>	5.22	
		<i>For Elevated Installation >25' To 30', Add</i>	7.31	
		<i>For Elevated Installation >30' To 35', Add</i>	8.35	
		<i>For Elevated Installation >35' To 40', Add</i>	10.44	
		<i>For Elevated Installation >40', Add</i>	11.48	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.26	
26 05 33 13-0684	EA	3" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw.....	38.40	10.44
		<i>For Work In Restricted Working Space, Add</i>	7.83	
		<i>For Elevated Installation >10' To 15', Add</i>	2.61	
		<i>For Elevated Installation >15' To 20', Add</i>	5.22	
		<i>For Elevated Installation >20' To 25', Add</i>	6.53	
		<i>For Elevated Installation >25' To 30', Add</i>	9.14	
		<i>For Elevated Installation >30' To 35', Add</i>	10.44	
		<i>For Elevated Installation >35' To 40', Add</i>	13.05	
		<i>For Elevated Installation >40', Add</i>	14.36	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.83	
26 05 33 13-0685	EA	3-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw.....	45.13	12.52
		<i>For Work In Restricted Working Space, Add</i>	9.39	
		<i>For Elevated Installation >10' To 15', Add</i>	3.13	
		<i>For Elevated Installation >15' To 20', Add</i>	6.26	
		<i>For Elevated Installation >20' To 25', Add</i>	7.83	
		<i>For Elevated Installation >25' To 30', Add</i>	10.96	
		<i>For Elevated Installation >30' To 35', Add</i>	12.52	
		<i>For Elevated Installation >35' To 40', Add</i>	15.66	
		<i>For Elevated Installation >40', Add</i>	17.22	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.39	
26 05 33 13-0686	EA	4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw.....	52.54	14.62
		<i>For Work In Restricted Working Space, Add</i>	10.96	
		<i>For Elevated Installation >10' To 15', Add</i>	3.65	
		<i>For Elevated Installation >15' To 20', Add</i>	7.31	
		<i>For Elevated Installation >20' To 25', Add</i>	9.14	
		<i>For Elevated Installation >25' To 30', Add</i>	12.79	
		<i>For Elevated Installation >30' To 35', Add</i>	14.62	
		<i>For Elevated Installation >35' To 40', Add</i>	18.27	
		<i>For Elevated Installation >40', Add</i>	20.10	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.96	

26 05 33 13-0687 Electrical Metallic Tubing (EMT) Insulated Straight Box Connectors With Set Screw (26 05 33 13-0598)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0688 EA 1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	7.54	2.82
For Work In Restricted Working Space, Add	2.10	
For Elevated Installation >10' To 15', Add	0.70	
For Elevated Installation >15' To 20', Add	1.40	
For Elevated Installation >20' To 25', Add	1.75	
For Elevated Installation >25' To 30', Add	2.45	
For Elevated Installation >30' To 35', Add	2.80	
For Elevated Installation >35' To 40', Add	3.50	
For Elevated Installation >40', Add	3.85	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.10	
26 05 33 13-0689 EA 3/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	8.48	3.03
For Work In Restricted Working Space, Add	2.29	
For Elevated Installation >10' To 15', Add	0.76	
For Elevated Installation >15' To 20', Add	1.52	
For Elevated Installation >20' To 25', Add	1.91	
For Elevated Installation >25' To 30', Add	2.67	
For Elevated Installation >30' To 35', Add	3.05	
For Elevated Installation >35' To 40', Add	3.81	
For Elevated Installation >40', Add	4.19	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.29	
26 05 33 13-0690 EA 1" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	10.82	3.76
For Work In Restricted Working Space, Add	2.79	
For Elevated Installation >10' To 15', Add	0.93	
For Elevated Installation >15' To 20', Add	1.86	
For Elevated Installation >20' To 25', Add	2.32	
For Elevated Installation >25' To 30', Add	3.25	
For Elevated Installation >30' To 35', Add	3.72	
For Elevated Installation >35' To 40', Add	4.65	
For Elevated Installation >40', Add	5.11	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.79	
26 05 33 13-0691 EA 1-1/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	14.45	4.80
For Work In Restricted Working Space, Add	3.57	
For Elevated Installation >10' To 15', Add	1.19	
For Elevated Installation >15' To 20', Add	2.38	
For Elevated Installation >20' To 25', Add	2.98	
For Elevated Installation >25' To 30', Add	4.17	
For Elevated Installation >30' To 35', Add	4.76	
For Elevated Installation >35' To 40', Add	5.95	
For Elevated Installation >40', Add	6.55	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.57	
26 05 33 13-0692 EA 1-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	17.28	5.53
For Work In Restricted Working Space, Add	4.17	
For Elevated Installation >10' To 15', Add	1.39	
For Elevated Installation >15' To 20', Add	2.78	
For Elevated Installation >20' To 25', Add	3.47	
For Elevated Installation >25' To 30', Add	4.86	
For Elevated Installation >30' To 35', Add	5.56	
For Elevated Installation >35' To 40', Add	6.95	
For Elevated Installation >40', Add	7.64	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.17	
26 05 33 13-0693 EA 2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	21.35	6.68
For Work In Restricted Working Space, Add	5.01	
For Elevated Installation >10' To 15', Add	1.67	
For Elevated Installation >15' To 20', Add	3.34	
For Elevated Installation >20' To 25', Add	4.18	
For Elevated Installation >25' To 30', Add	5.85	
For Elevated Installation >30' To 35', Add	6.68	
For Elevated Installation >35' To 40', Add	8.35	
For Elevated Installation >40', Add	9.19	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.01	
26 05 33 13-0694 EA 2-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	38.40	9.29
For Work In Restricted Working Space, Add	6.95	
For Elevated Installation >10' To 15', Add	2.32	
For Elevated Installation >15' To 20', Add	4.63	
For Elevated Installation >20' To 25', Add	5.79	
For Elevated Installation >25' To 30', Add	8.11	
For Elevated Installation >30' To 35', Add	9.27	
For Elevated Installation >35' To 40', Add	11.59	
For Elevated Installation >40', Add	12.74	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.95	
26 05 33 13-0695 EA 3" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	49.12	12.31
For Work In Restricted Working Space, Add	9.27	
For Elevated Installation >10' To 15', Add	3.09	
For Elevated Installation >15' To 20', Add	6.18	
For Elevated Installation >20' To 25', Add	7.73	
For Elevated Installation >25' To 30', Add	10.82	
For Elevated Installation >30' To 35', Add	12.36	
For Elevated Installation >35' To 40', Add	15.45	
For Elevated Installation >40', Add	17.00	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.27	
26 05 33 13-0696 EA 3-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	62.54	15.86
For Work In Restricted Working Space, Add	11.93	
For Elevated Installation >10' To 15', Add	3.98	
For Elevated Installation >15' To 20', Add	7.95	
For Elevated Installation >20' To 25', Add	9.94	
For Elevated Installation >25' To 30', Add	13.92	
For Elevated Installation >30' To 35', Add	15.91	
For Elevated Installation >35' To 40', Add	19.89	
For Elevated Installation >40', Add	21.87	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.93	

26 Electrical

26 05 Common Work Results for Electrical

26 05 33 Raceway and Boxes for Electrical Systems



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0697	EA		4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	77.25	20.88
			<i>For Work In Restricted Working Space, Add</i>	15.66	
			<i>For Elevated Installation >10' To 15', Add</i>	5.22	
			<i>For Elevated Installation >15' To 20', Add</i>	10.44	
			<i>For Elevated Installation >20' To 25', Add</i>	13.05	
			<i>For Elevated Installation >25' To 30', Add</i>	18.27	
			<i>For Elevated Installation >30' To 35', Add</i>	20.88	
			<i>For Elevated Installation >35' To 40', Add</i>	26.10	
			<i>For Elevated Installation >40', Add</i>	28.70	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.66	
26 05 33 13-0698			Electrical Metallic Tubing (EMT) Straight Box Compression Connectors <small>(26 05 33 13-0598)</small>		
26 05 33 13-0699	EA		1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	6.79	2.51
			<i>For Work In Restricted Working Space, Add</i>	1.88	
			<i>For Elevated Installation >10' To 15', Add</i>	0.63	
			<i>For Elevated Installation >15' To 20', Add</i>	1.25	
			<i>For Elevated Installation >20' To 25', Add</i>	1.57	
			<i>For Elevated Installation >25' To 30', Add</i>	2.19	
			<i>For Elevated Installation >30' To 35', Add</i>	2.51	
			<i>For Elevated Installation >35' To 40', Add</i>	3.14	
			<i>For Elevated Installation >40', Add</i>	3.45	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.88	
26 05 33 13-0700	EA		3/4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	8.10	2.93
			<i>For Work In Restricted Working Space, Add</i>	2.19	
			<i>For Elevated Installation >10' To 15', Add</i>	0.73	
			<i>For Elevated Installation >15' To 20', Add</i>	1.46	
			<i>For Elevated Installation >20' To 25', Add</i>	1.83	
			<i>For Elevated Installation >25' To 30', Add</i>	2.56	
			<i>For Elevated Installation >30' To 35', Add</i>	2.92	
			<i>For Elevated Installation >35' To 40', Add</i>	3.66	
			<i>For Elevated Installation >40', Add</i>	4.02	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.19	
26 05 33 13-0701	EA		1" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	11.56	4.17
			<i>For Work In Restricted Working Space, Add</i>	3.13	
			<i>For Elevated Installation >10' To 15', Add</i>	1.04	
			<i>For Elevated Installation >15' To 20', Add</i>	2.09	
			<i>For Elevated Installation >20' To 25', Add</i>	2.61	
			<i>For Elevated Installation >25' To 30', Add</i>	3.65	
			<i>For Elevated Installation >30' To 35', Add</i>	4.18	
			<i>For Elevated Installation >35' To 40', Add</i>	5.22	
			<i>For Elevated Installation >40', Add</i>	5.74	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.13	
26 05 33 13-0702	EA		1-1/4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	14.64	5.01
			<i>For Work In Restricted Working Space, Add</i>	3.76	
			<i>For Elevated Installation >10' To 15', Add</i>	1.25	
			<i>For Elevated Installation >15' To 20', Add</i>	2.50	
			<i>For Elevated Installation >20' To 25', Add</i>	3.13	
			<i>For Elevated Installation >25' To 30', Add</i>	4.38	
			<i>For Elevated Installation >30' To 35', Add</i>	5.01	
			<i>For Elevated Installation >35' To 40', Add</i>	6.26	
			<i>For Elevated Installation >40', Add</i>	6.89	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.76	
26 05 33 13-0703	EA		1-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	17.60	5.85
			<i>For Work In Restricted Working Space, Add</i>	4.39	
			<i>For Elevated Installation >10' To 15', Add</i>	1.46	
			<i>For Elevated Installation >15' To 20', Add</i>	2.92	
			<i>For Elevated Installation >20' To 25', Add</i>	3.66	
			<i>For Elevated Installation >25' To 30', Add</i>	5.12	
			<i>For Elevated Installation >30' To 35', Add</i>	5.85	
			<i>For Elevated Installation >35' To 40', Add</i>	7.31	
			<i>For Elevated Installation >40', Add</i>	8.04	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.39	
26 05 33 13-0704	EA		2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	23.11	7.52
			<i>For Work In Restricted Working Space, Add</i>	5.64	
			<i>For Elevated Installation >10' To 15', Add</i>	1.88	
			<i>For Elevated Installation >15' To 20', Add</i>	3.76	
			<i>For Elevated Installation >20' To 25', Add</i>	4.70	
			<i>For Elevated Installation >25' To 30', Add</i>	6.58	
			<i>For Elevated Installation >30' To 35', Add</i>	7.52	
			<i>For Elevated Installation >35' To 40', Add</i>	9.40	
			<i>For Elevated Installation >40', Add</i>	10.33	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.64	
26 05 33 13-0705	EA		2-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	38.08	10.02
			<i>For Work In Restricted Working Space, Add</i>	7.52	
			<i>For Elevated Installation >10' To 15', Add</i>	2.51	
			<i>For Elevated Installation >15' To 20', Add</i>	5.01	
			<i>For Elevated Installation >20' To 25', Add</i>	6.27	
			<i>For Elevated Installation >25' To 30', Add</i>	8.77	
			<i>For Elevated Installation >30' To 35', Add</i>	10.02	
			<i>For Elevated Installation >35' To 40', Add</i>	12.53	
			<i>For Elevated Installation >40', Add</i>	13.78	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-0706	EA 3" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	48.34	12.52
	For Work In Restricted Working Space, Add	9.39	
	For Elevated Installation >10' To 15', Add	3.13	
	For Elevated Installation >15' To 20', Add	6.26	
	For Elevated Installation >20' To 25', Add	7.83	
	For Elevated Installation >25' To 30', Add	10.96	
	For Elevated Installation >30' To 35', Add	12.52	
	For Elevated Installation >35' To 40', Add	15.66	
	For Elevated Installation >40', Add	17.22	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.39	
26 05 33 13-0707	EA 3-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	62.79	14.62
	For Work In Restricted Working Space, Add	10.96	
	For Elevated Installation >10' To 15', Add	3.65	
	For Elevated Installation >15' To 20', Add	7.31	
	For Elevated Installation >20' To 25', Add	9.14	
	For Elevated Installation >25' To 30', Add	12.79	
	For Elevated Installation >30' To 35', Add	14.62	
	For Elevated Installation >35' To 40', Add	18.27	
	For Elevated Installation >40', Add	20.10	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.96	
26 05 33 13-0708	EA 4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	70.22	16.70
	For Work In Restricted Working Space, Add	12.53	
	For Elevated Installation >10' To 15', Add	4.18	
	For Elevated Installation >15' To 20', Add	8.35	
	For Elevated Installation >20' To 25', Add	10.44	
	For Elevated Installation >25' To 30', Add	14.61	
	For Elevated Installation >30' To 35', Add	16.70	
	For Elevated Installation >35' To 40', Add	20.88	
	For Elevated Installation >40', Add	22.96	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.53	

26 05 33 13-0709 Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connectors (26 05 33 13-0598)

26 05 33 13-0710	EA 1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	7.89	2.82
	For Work In Restricted Working Space, Add	2.10	
	For Elevated Installation >10' To 15', Add	0.70	
	For Elevated Installation >15' To 20', Add	1.40	
	For Elevated Installation >20' To 25', Add	1.75	
	For Elevated Installation >25' To 30', Add	2.45	
	For Elevated Installation >30' To 35', Add	2.80	
	For Elevated Installation >35' To 40', Add	3.50	
	For Elevated Installation >40', Add	3.85	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.10	
26 05 33 13-0711	EA 3/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	8.86	3.03
	For Work In Restricted Working Space, Add	2.29	
	For Elevated Installation >10' To 15', Add	0.76	
	For Elevated Installation >15' To 20', Add	1.52	
	For Elevated Installation >20' To 25', Add	1.91	
	For Elevated Installation >25' To 30', Add	2.67	
	For Elevated Installation >30' To 35', Add	3.05	
	For Elevated Installation >35' To 40', Add	3.81	
	For Elevated Installation >40', Add	4.19	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.29	
26 05 33 13-0712	EA 1" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	11.14	3.76
	For Work In Restricted Working Space, Add	2.79	
	For Elevated Installation >10' To 15', Add	0.93	
	For Elevated Installation >15' To 20', Add	1.86	
	For Elevated Installation >20' To 25', Add	2.32	
	For Elevated Installation >25' To 30', Add	3.25	
	For Elevated Installation >30' To 35', Add	3.72	
	For Elevated Installation >35' To 40', Add	4.65	
	For Elevated Installation >40', Add	5.11	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.79	
26 05 33 13-0713	EA 1-1/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	15.34	4.80
	For Work In Restricted Working Space, Add	3.57	
	For Elevated Installation >10' To 15', Add	1.19	
	For Elevated Installation >15' To 20', Add	2.38	
	For Elevated Installation >20' To 25', Add	2.98	
	For Elevated Installation >25' To 30', Add	4.17	
	For Elevated Installation >30' To 35', Add	4.76	
	For Elevated Installation >35' To 40', Add	5.95	
	For Elevated Installation >40', Add	6.55	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.57	
26 05 33 13-0714	EA 1-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	18.76	5.53
	For Work In Restricted Working Space, Add	4.17	
	For Elevated Installation >10' To 15', Add	1.39	
	For Elevated Installation >15' To 20', Add	2.78	
	For Elevated Installation >20' To 25', Add	3.47	
	For Elevated Installation >25' To 30', Add	4.86	
	For Elevated Installation >30' To 35', Add	5.56	
	For Elevated Installation >35' To 40', Add	6.95	
	For Elevated Installation >40', Add	7.64	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.17	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-0715	EA	2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector.....	23.51	6.68
		<i>For Work In Restricted Working Space, Add</i>	5.01	
		<i>For Elevated Installation >10' To 15', Add</i>	1.67	
		<i>For Elevated Installation >15' To 20', Add</i>	3.34	
		<i>For Elevated Installation >20' To 25', Add</i>	4.18	
		<i>For Elevated Installation >25' To 30', Add</i>	5.85	
		<i>For Elevated Installation >30' To 35', Add</i>	6.68	
		<i>For Elevated Installation >35' To 40', Add</i>	8.35	
		<i>For Elevated Installation >40', Add</i>	9.19	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.01	
26 05 33 13-0716	EA	2-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	46.26	9.29
		<i>For Work In Restricted Working Space, Add</i>	6.95	
		<i>For Elevated Installation >10' To 15', Add</i>	2.32	
		<i>For Elevated Installation >15' To 20', Add</i>	4.63	
		<i>For Elevated Installation >20' To 25', Add</i>	5.79	
		<i>For Elevated Installation >25' To 30', Add</i>	8.11	
		<i>For Elevated Installation >30' To 35', Add</i>	9.27	
		<i>For Elevated Installation >35' To 40', Add</i>	11.59	
		<i>For Elevated Installation >40', Add</i>	12.74	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.95	
26 05 33 13-0717	EA	3" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector.....	62.31	12.31
		<i>For Work In Restricted Working Space, Add</i>	9.27	
		<i>For Elevated Installation >10' To 15', Add</i>	3.09	
		<i>For Elevated Installation >15' To 20', Add</i>	6.18	
		<i>For Elevated Installation >20' To 25', Add</i>	7.73	
		<i>For Elevated Installation >25' To 30', Add</i>	10.82	
		<i>For Elevated Installation >30' To 35', Add</i>	12.36	
		<i>For Elevated Installation >35' To 40', Add</i>	15.45	
		<i>For Elevated Installation >40', Add</i>	17.00	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.27	
26 05 33 13-0718	EA	3-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	85.68	15.86
		<i>For Work In Restricted Working Space, Add</i>	11.93	
		<i>For Elevated Installation >10' To 15', Add</i>	3.98	
		<i>For Elevated Installation >15' To 20', Add</i>	7.95	
		<i>For Elevated Installation >20' To 25', Add</i>	9.94	
		<i>For Elevated Installation >25' To 30', Add</i>	13.92	
		<i>For Elevated Installation >30' To 35', Add</i>	15.91	
		<i>For Elevated Installation >35' To 40', Add</i>	19.89	
		<i>For Elevated Installation >40', Add</i>	21.87	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.93	
26 05 33 13-0719	EA	4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector.....	105.88	20.88
		<i>For Work In Restricted Working Space, Add</i>	15.66	
		<i>For Elevated Installation >10' To 15', Add</i>	5.22	
		<i>For Elevated Installation >15' To 20', Add</i>	10.44	
		<i>For Elevated Installation >20' To 25', Add</i>	13.05	
		<i>For Elevated Installation >25' To 30', Add</i>	18.27	
		<i>For Elevated Installation >30' To 35', Add</i>	20.88	
		<i>For Elevated Installation >35' To 40', Add</i>	26.10	
		<i>For Elevated Installation >40', Add</i>	28.70	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.66	
26 05 33 13-0720		Electrical Metallic Tubing (EMT) Expansion Coupling (26 05 33 13-0598)		
		Note: Excludes jumper.		
26 05 33 13-0721	EA	1/2" Electrical Metallic Tubing (EMT) Expansion Coupling	71.16	13.89
		<i>For Work In Restricted Working Space, Add</i>	10.42	
		<i>For Elevated Installation >10' To 15', Add</i>	3.47	
		<i>For Elevated Installation >15' To 20', Add</i>	6.95	
		<i>For Elevated Installation >20' To 25', Add</i>	8.69	
		<i>For Elevated Installation >25' To 30', Add</i>	12.16	
		<i>For Elevated Installation >30' To 35', Add</i>	13.90	
		<i>For Elevated Installation >35' To 40', Add</i>	17.37	
		<i>For Elevated Installation >40', Add</i>	19.11	
26 05 33 13-0722	EA	3/4" Electrical Metallic Tubing (EMT) Expansion Coupling	85.55	16.81
		<i>For Work In Restricted Working Space, Add</i>	12.63	
		<i>For Elevated Installation >10' To 15', Add</i>	4.21	
		<i>For Elevated Installation >15' To 20', Add</i>	8.42	
		<i>For Elevated Installation >20' To 25', Add</i>	10.53	
		<i>For Elevated Installation >25' To 30', Add</i>	14.74	
		<i>For Elevated Installation >30' To 35', Add</i>	16.84	
		<i>For Elevated Installation >35' To 40', Add</i>	21.06	
		<i>For Elevated Installation >40', Add</i>	23.16	
26 05 33 13-0723	EA	1" Electrical Metallic Tubing (EMT) Expansion Coupling	104.50	21.09
		<i>For Work In Restricted Working Space, Add</i>	15.79	
		<i>For Elevated Installation >10' To 15', Add</i>	5.26	
		<i>For Elevated Installation >15' To 20', Add</i>	10.53	
		<i>For Elevated Installation >20' To 25', Add</i>	13.16	
		<i>For Elevated Installation >25' To 30', Add</i>	18.42	
		<i>For Elevated Installation >30' To 35', Add</i>	21.06	
		<i>For Elevated Installation >35' To 40', Add</i>	26.32	
		<i>For Elevated Installation >40', Add</i>	28.95	
26 05 33 13-0724	EA	1-1/4" Electrical Metallic Tubing (EMT) Expansion Coupling	137.40	25.89
		<i>For Work In Restricted Working Space, Add</i>	19.43	
		<i>For Elevated Installation >10' To 15', Add</i>	6.48	
		<i>For Elevated Installation >15' To 20', Add</i>	12.95	
		<i>For Elevated Installation >20' To 25', Add</i>	16.19	
		<i>For Elevated Installation >25' To 30', Add</i>	22.66	
		<i>For Elevated Installation >30' To 35', Add</i>	25.90	
		<i>For Elevated Installation >35' To 40', Add</i>	32.38	
		<i>For Elevated Installation >40', Add</i>	35.61	

MINOR	TOTAL DIRECT	DEMOLITION
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26 05 33 13-0725	EA 1-1/2" Electrical Metallic Tubing (EMT) Expansion Coupling	173.85	30.38
	<i>For Work In Restricted Working Space, Add</i>	22.78	
	<i>For Elevated Installation >10' To 15', Add</i>	7.59	
	<i>For Elevated Installation >15' To 20', Add</i>	15.19	
	<i>For Elevated Installation >20' To 25', Add</i>	18.99	
	<i>For Elevated Installation >25' To 30', Add</i>	26.58	
	<i>For Elevated Installation >30' To 35', Add</i>	30.38	
	<i>For Elevated Installation >35' To 40', Add</i>	37.97	
	<i>For Elevated Installation >40', Add</i>	41.77	
26 05 33 13-0726	EA 2" Electrical Metallic Tubing (EMT) Expansion Coupling	219.80	36.95
	<i>For Work In Restricted Working Space, Add</i>	27.74	
	<i>For Elevated Installation >10' To 15', Add</i>	9.25	
	<i>For Elevated Installation >15' To 20', Add</i>	18.50	
	<i>For Elevated Installation >20' To 25', Add</i>	23.12	
	<i>For Elevated Installation >25' To 30', Add</i>	32.37	
	<i>For Elevated Installation >30' To 35', Add</i>	36.99	
	<i>For Elevated Installation >35' To 40', Add</i>	46.24	
	<i>For Elevated Installation >40', Add</i>	50.86	
26 05 33 13-0727	EA 2-1/2" Electrical Metallic Tubing (EMT) Expansion Coupling	459.58	47.50
	<i>For Work In Restricted Working Space, Add</i>	35.63	
	<i>For Elevated Installation >10' To 15', Add</i>	11.88	
	<i>For Elevated Installation >15' To 20', Add</i>	23.75	
	<i>For Elevated Installation >20' To 25', Add</i>	29.69	
	<i>For Elevated Installation >25' To 30', Add</i>	41.57	
	<i>For Elevated Installation >30' To 35', Add</i>	47.51	
	<i>For Elevated Installation >35' To 40', Add</i>	59.39	
	<i>For Elevated Installation >40', Add</i>	65.32	
26 05 33 13-0728	EA 3" Electrical Metallic Tubing (EMT) Expansion Coupling	566.52	55.54
	<i>For Work In Restricted Working Space, Add</i>	41.66	
	<i>For Elevated Installation >10' To 15', Add</i>	13.89	
	<i>For Elevated Installation >15' To 20', Add</i>	27.77	
	<i>For Elevated Installation >20' To 25', Add</i>	34.72	
	<i>For Elevated Installation >25' To 30', Add</i>	48.60	
	<i>For Elevated Installation >30' To 35', Add</i>	55.55	
	<i>For Elevated Installation >35' To 40', Add</i>	69.44	
	<i>For Elevated Installation >40', Add</i>	76.38	
26 05 33 13-0729	EA 3-1/2" Electrical Metallic Tubing (EMT) Expansion Coupling	709.05	60.54
	<i>For Work In Restricted Working Space, Add</i>	45.42	
	<i>For Elevated Installation >10' To 15', Add</i>	15.14	
	<i>For Elevated Installation >15' To 20', Add</i>	30.28	
	<i>For Elevated Installation >20' To 25', Add</i>	37.85	
	<i>For Elevated Installation >25' To 30', Add</i>	52.99	
	<i>For Elevated Installation >30' To 35', Add</i>	60.56	
	<i>For Elevated Installation >35' To 40', Add</i>	75.71	
	<i>For Elevated Installation >40', Add</i>	83.28	
26 05 33 13-0730	EA 4" Electrical Metallic Tubing (EMT) Expansion Coupling	765.23	66.81
	<i>For Work In Restricted Working Space, Add</i>	50.12	
	<i>For Elevated Installation >10' To 15', Add</i>	16.71	
	<i>For Elevated Installation >15' To 20', Add</i>	33.41	
	<i>For Elevated Installation >20' To 25', Add</i>	41.77	
	<i>For Elevated Installation >25' To 30', Add</i>	58.47	
	<i>For Elevated Installation >30' To 35', Add</i>	66.83	
	<i>For Elevated Installation >35' To 40', Add</i>	83.54	
	<i>For Elevated Installation >40', Add</i>	91.89	

26 05 33 13-0731 Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapters

26 05 33 13-0732	EA 1/2" To 3/8" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	11.46	3.76
	<i>For Work In Restricted Working Space, Add</i>	2.78	
	<i>For Elevated Installation >10' To 15', Add</i>	0.93	
	<i>For Elevated Installation >15' To 20', Add</i>	1.85	
	<i>For Elevated Installation >20' To 25', Add</i>	2.32	
	<i>For Elevated Installation >25' To 30', Add</i>	3.24	
	<i>For Elevated Installation >30' To 35', Add</i>	3.70	
	<i>For Elevated Installation >35' To 40', Add</i>	4.63	
	<i>For Elevated Installation >40', Add</i>	5.09	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.78	
26 05 33 13-0733	EA 1/2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	12.64	3.76
	<i>For Work In Restricted Working Space, Add</i>	2.78	
	<i>For Elevated Installation >10' To 15', Add</i>	0.93	
	<i>For Elevated Installation >15' To 20', Add</i>	1.85	
	<i>For Elevated Installation >20' To 25', Add</i>	2.32	
	<i>For Elevated Installation >25' To 30', Add</i>	3.24	
	<i>For Elevated Installation >30' To 35', Add</i>	3.70	
	<i>For Elevated Installation >35' To 40', Add</i>	4.63	
	<i>For Elevated Installation >40', Add</i>	5.09	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.78	
26 05 33 13-0734	EA 3/4" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	14.19	4.07
	<i>For Work In Restricted Working Space, Add</i>	3.09	
	<i>For Elevated Installation >10' To 15', Add</i>	1.03	
	<i>For Elevated Installation >15' To 20', Add</i>	2.06	
	<i>For Elevated Installation >20' To 25', Add</i>	2.58	
	<i>For Elevated Installation >25' To 30', Add</i>	3.61	
	<i>For Elevated Installation >30' To 35', Add</i>	4.12	
	<i>For Elevated Installation >35' To 40', Add</i>	5.15	
	<i>For Elevated Installation >40', Add</i>	5.67	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.09	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-0735	EA	1" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter.....	16.71	4.69
		<i>For Work In Restricted Working Space, Add</i>	3.52	
		<i>For Elevated Installation >10' To 15', Add</i>	1.17	
		<i>For Elevated Installation >15' To 20', Add</i>	2.34	
		<i>For Elevated Installation >20' To 25', Add</i>	2.93	
		<i>For Elevated Installation >25' To 30', Add</i>	4.10	
		<i>For Elevated Installation >30' To 35', Add</i>	4.69	
		<i>For Elevated Installation >35' To 40', Add</i>	5.86	
		<i>For Elevated Installation >40', Add</i>	6.45	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.52	
26 05 33 13-0736	EA	1-1/4" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter.....	25.48	5.64
		<i>For Work In Restricted Working Space, Add</i>	4.25	
		<i>For Elevated Installation >10' To 15', Add</i>	1.42	
		<i>For Elevated Installation >15' To 20', Add</i>	2.84	
		<i>For Elevated Installation >20' To 25', Add</i>	3.55	
		<i>For Elevated Installation >25' To 30', Add</i>	4.96	
		<i>For Elevated Installation >30' To 35', Add</i>	5.67	
		<i>For Elevated Installation >35' To 40', Add</i>	7.09	
		<i>For Elevated Installation >40', Add</i>	7.80	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.25	
26 05 33 13-0737	EA	1-1/2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter.....	31.93	6.47
		<i>For Work In Restricted Working Space, Add</i>	4.86	
		<i>For Elevated Installation >10' To 15', Add</i>	1.62	
		<i>For Elevated Installation >15' To 20', Add</i>	3.24	
		<i>For Elevated Installation >20' To 25', Add</i>	4.05	
		<i>For Elevated Installation >25' To 30', Add</i>	5.67	
		<i>For Elevated Installation >30' To 35', Add</i>	6.48	
		<i>For Elevated Installation >35' To 40', Add</i>	8.10	
		<i>For Elevated Installation >40', Add</i>	8.91	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.86	
26 05 33 13-0738	EA	2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter.....	42.19	8.14
		<i>For Work In Restricted Working Space, Add</i>	6.08	
		<i>For Elevated Installation >10' To 15', Add</i>	2.03	
		<i>For Elevated Installation >15' To 20', Add</i>	4.05	
		<i>For Elevated Installation >20' To 25', Add</i>	5.06	
		<i>For Elevated Installation >25' To 30', Add</i>	7.09	
		<i>For Elevated Installation >30' To 35', Add</i>	8.10	
		<i>For Elevated Installation >35' To 40', Add</i>	10.13	
		<i>For Elevated Installation >40', Add</i>	11.14	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.08	
26 05 33 13-0739		Electrical Metallic Tubing (EMT) Pulling Elbows (26 05 33 13-0598)		
26 05 33 13-0740	EA	1/2" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	24.50	9.40
		<i>For Work In Restricted Working Space, Add</i>	5.64	
		<i>For Elevated Installation >15' To 20', Add</i>	3.76	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.64	
26 05 33 13-0741	EA	3/4" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	28.54	10.96
		<i>For Work In Restricted Working Space, Add</i>	6.58	
		<i>For Elevated Installation >15' To 20', Add</i>	4.38	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.58	
26 05 33 13-0742	EA	1" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	36.89	12.52
		<i>For Work In Restricted Working Space, Add</i>	7.52	
		<i>For Elevated Installation >15' To 20', Add</i>	5.01	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.52	
26 05 33 13-0743	EA	1-1/4" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	47.58	15.66
		<i>For Work In Restricted Working Space, Add</i>	9.39	
		<i>For Elevated Installation >15' To 20', Add</i>	6.26	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.39	
26 05 33 13-0744		Intermediate Metal Conduit (IMC) (26 05 33 13-0058)		
		Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.		
26 05 33 13-0745		Intermediate Metal Conduit (IMC) Conduit (26 05 33 13-0744)		
		Note: Includes field bending conduit up to 1".		
26 05 33 13-0746	LF	1/2" Intermediate Metal Conduit (IMC) Conduit	7.88	2.09
		<i>For Elevated Installation >10' To 15', Add</i>	0.54	
		<i>For Elevated Installation >15' To 20', Add</i>	1.08	
		<i>For Elevated Installation >20' To 25', Add</i>	1.36	
		<i>For Elevated Installation >25' To 30', Add</i>	1.90	
		<i>For Elevated Installation >30' To 35', Add</i>	2.17	
		<i>For Elevated Installation >35' To 40', Add</i>	2.71	
		<i>For Elevated Installation >40', Add</i>	2.98	
		<i>For Work In Restricted Working Space, Add</i>	1.63	
		<i>For >250 To 500, Deduct</i>	-0.12	
		<i>For >500 To 1,000, Deduct</i>	-0.18	
		<i>For >1,000, Deduct</i>	-0.25	
		<i>For Installation In Metal Stud Wall, Add</i>	0.54	
		<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	1.36	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.81	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0747 LF 3/4" Intermediate Metal Conduit (IMC) Conduit	9.40	2.30
For Elevated Installation >10' To 15', Add	0.65	
For Elevated Installation >15' To 20', Add	1.29	
For Elevated Installation >20' To 25', Add	1.62	
For Elevated Installation >25' To 30', Add	2.26	
For Elevated Installation >30' To 35', Add	2.59	
For Elevated Installation >35' To 40', Add	3.24	
For Elevated Installation >40', Add	3.56	
For Work In Restricted Working Space, Add	1.94	
For >250 To 500, Deduct	-0.15	
For >500 To 1,000, Deduct	-0.22	
For >1,000, Deduct	-0.29	
For Installation In Metal Stud Wall, Add	0.65	
For Installation In Wood Stud Wall (Includes Drilling), Add	1.62	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.97	
26 05 33 13-0748 LF 1" Intermediate Metal Conduit (IMC) Conduit	12.66	2.51
For Elevated Installation >10' To 15', Add	0.81	
For Elevated Installation >15' To 20', Add	1.63	
For Elevated Installation >20' To 25', Add	2.04	
For Elevated Installation >25' To 30', Add	2.85	
For Elevated Installation >30' To 35', Add	3.26	
For Elevated Installation >35' To 40', Add	4.07	
For Elevated Installation >40', Add	4.48	
For Work In Restricted Working Space, Add	2.44	
For >250 To 500, Deduct	-0.23	
For >500 To 1,000, Deduct	-0.34	
For >1,000, Deduct	-0.45	
For Installation In Metal Stud Wall, Add	0.81	
For Installation In Wood Stud Wall (Includes Drilling), Add	2.04	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.22	
26 05 33 13-0749 LF 1-1/4" Intermediate Metal Conduit (IMC) Conduit	14.70	5.01
For Elevated Installation >10' To 15', Add	0.90	
For Elevated Installation >15' To 20', Add	1.79	
For Elevated Installation >20' To 25', Add	2.24	
For Elevated Installation >25' To 30', Add	3.14	
For Elevated Installation >30' To 35', Add	3.59	
For Elevated Installation >35' To 40', Add	4.49	
For Elevated Installation >40', Add	4.93	
For Work In Restricted Working Space, Add	2.69	
For >250 To 500, Deduct	-0.29	
For >500 To 1,000, Deduct	-0.43	
For >1,000, Deduct	-0.57	
For Installation In Metal Stud Wall, Add	0.90	
For Installation In Wood Stud Wall (Includes Drilling), Add	2.24	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.35	
26 05 33 13-0750 LF 1-1/2" Intermediate Metal Conduit (IMC) Conduit	16.58	3.34
For Elevated Installation >10' To 15', Add	0.98	
For Elevated Installation >15' To 20', Add	1.96	
For Elevated Installation >20' To 25', Add	2.46	
For Elevated Installation >25' To 30', Add	3.44	
For Elevated Installation >30' To 35', Add	3.93	
For Elevated Installation >35' To 40', Add	4.91	
For Elevated Installation >40', Add	5.40	
For Work In Restricted Working Space, Add	2.95	
For >250 To 500, Deduct	-0.34	
For >500 To 1,000, Deduct	-0.51	
For >1,000, Deduct	-0.68	
For Installation In Metal Stud Wall, Add	0.98	
For Installation In Wood Stud Wall (Includes Drilling), Add	2.46	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.47	
26 05 33 13-0751 LF 2" Intermediate Metal Conduit (IMC) Conduit	21.08	3.76
For Elevated Installation >10' To 15', Add	1.19	
For Elevated Installation >15' To 20', Add	2.38	
For Elevated Installation >20' To 25', Add	2.98	
For Elevated Installation >25' To 30', Add	4.17	
For Elevated Installation >30' To 35', Add	4.76	
For Elevated Installation >35' To 40', Add	5.95	
For Elevated Installation >40', Add	6.55	
For Work In Restricted Working Space, Add	3.57	
For >250 To 500, Deduct	-0.46	
For >500 To 1,000, Deduct	-0.69	
For >1,000, Deduct	-0.92	
For Installation In Metal Stud Wall, Add	1.19	
For Installation In Wood Stud Wall (Includes Drilling), Add	2.98	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.79	
26 05 33 13-0752 LF 2-1/2" Intermediate Metal Conduit (IMC) Conduit	36.09	5.01
For Elevated Installation >10' To 15', Add	1.58	
For Elevated Installation >15' To 20', Add	3.15	
For Elevated Installation >20' To 25', Add	3.94	
For Elevated Installation >25' To 30', Add	5.52	
For Elevated Installation >30' To 35', Add	6.30	
For Elevated Installation >35' To 40', Add	7.88	
For Elevated Installation >40', Add	8.67	
For Work In Restricted Working Space, Add	4.73	
For >250 To 500, Deduct	-1.02	
For >500 To 1,000, Deduct	-1.52	
For >1,000, Deduct	-2.03	
For Installation In Metal Stud Wall, Add	1.58	
For Installation In Wood Stud Wall (Includes Drilling), Add	3.94	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	2.36	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0753	LF	3" Intermediate Metal Conduit (IMC) Conduit	45.91	6.27
			For Elevated Installation >10' To 15', Add	2.09	
			For Elevated Installation >15' To 20', Add	4.18	
			For Elevated Installation >20' To 25', Add	5.22	
			For Elevated Installation >25' To 30', Add	7.31	
			For Elevated Installation >30' To 35', Add	8.35	
			For Elevated Installation >35' To 40', Add	10.44	
			For Elevated Installation >40', Add	11.48	
			For Work In Restricted Working Space, Add	6.26	
			For >250 To 500, Deduct	-1.25	
			For >500 To 1,000, Deduct	-1.88	
			For >1,000, Deduct	-2.50	
			For Installation In Metal Stud Wall, Add	2.09	
			For Installation In Wood Stud Wall (Includes Drilling), Add	5.22	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	3.13	
26 05 33	13-0754	LF	3-1/2" Intermediate Metal Conduit (IMC) Conduit	52.89	7.52
			For Elevated Installation >10' To 15', Add	2.39	
			For Elevated Installation >15' To 20', Add	4.78	
			For Elevated Installation >20' To 25', Add	5.98	
			For Elevated Installation >25' To 30', Add	8.37	
			For Elevated Installation >30' To 35', Add	9.56	
			For Elevated Installation >35' To 40', Add	11.95	
			For Elevated Installation >40', Add	13.15	
			For Work In Restricted Working Space, Add	7.17	
			For >250 To 500, Deduct	-1.45	
			For >500 To 1,000, Deduct	-2.17	
			For >1,000, Deduct	-2.90	
			For Installation In Metal Stud Wall, Add	2.39	
			For Installation In Wood Stud Wall (Includes Drilling), Add	5.98	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	3.59	
26 05 33	13-0755	LF	4" Intermediate Metal Conduit (IMC) Conduit	62.00	8.76
			For Elevated Installation >10' To 15', Add	2.79	
			For Elevated Installation >15' To 20', Add	5.58	
			For Elevated Installation >20' To 25', Add	6.97	
			For Elevated Installation >25' To 30', Add	9.76	
			For Elevated Installation >30' To 35', Add	11.15	
			For Elevated Installation >35' To 40', Add	13.94	
			For Elevated Installation >40', Add	15.33	
			For Work In Restricted Working Space, Add	8.36	
			For >250 To 500, Deduct	-1.71	
			For >500 To 1,000, Deduct	-2.56	
			For >1,000, Deduct	-3.41	
			For Installation In Metal Stud Wall, Add	2.79	
			For Installation In Wood Stud Wall (Includes Drilling), Add	6.97	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	4.18	
26 05 33	13-0756		Intermediate Metal Conduit (IMC) 90 Degree Elbows <small>(26 05 33 13-0744)</small>		
			See CSI section 26 05 33 13-2318 for conduit field bending.		
26 05 33	13-0757	EA	1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	38.01	10.34
			For Elevated Installation >10' To 15', Add	2.59	
			For Elevated Installation >15' To 20', Add	5.18	
			For Elevated Installation >20' To 25', Add	6.48	
			For Elevated Installation >25' To 30', Add	9.07	
			For Elevated Installation >30' To 35', Add	10.37	
			For Elevated Installation >35' To 40', Add	12.96	
			For Elevated Installation >40', Add	14.26	
			For Work In Restricted Working Space, Add	7.78	
26 05 33	13-0758	EA	3/4" Intermediate Metal Conduit (IMC) 90 Degree Elbow	45.80	12.84
			For Elevated Installation >10' To 15', Add	3.22	
			For Elevated Installation >15' To 20', Add	6.45	
			For Elevated Installation >20' To 25', Add	8.06	
			For Elevated Installation >25' To 30', Add	11.28	
			For Elevated Installation >30' To 35', Add	12.89	
			For Elevated Installation >35' To 40', Add	16.12	
			For Elevated Installation >40', Add	17.73	
			For Work In Restricted Working Space, Add	9.67	
26 05 33	13-0759	EA	1" Intermediate Metal Conduit (IMC) 90 Degree Elbow	58.59	15.76
			For Elevated Installation >10' To 15', Add	3.93	
			For Elevated Installation >15' To 20', Add	7.86	
			For Elevated Installation >20' To 25', Add	9.83	
			For Elevated Installation >25' To 30', Add	13.76	
			For Elevated Installation >30' To 35', Add	15.72	
			For Elevated Installation >35' To 40', Add	19.65	
			For Elevated Installation >40', Add	21.62	
			For Work In Restricted Working Space, Add	11.79	
26 05 33	13-0760	EA	1-1/4" Intermediate Metal Conduit (IMC) 90 Degree Elbow	72.67	18.27
			For Elevated Installation >10' To 15', Add	4.56	
			For Elevated Installation >15' To 20', Add	9.13	
			For Elevated Installation >20' To 25', Add	11.41	
			For Elevated Installation >25' To 30', Add	15.97	
			For Elevated Installation >30' To 35', Add	18.25	
			For Elevated Installation >35' To 40', Add	22.82	
			For Elevated Installation >40', Add	25.10	
			For Work In Restricted Working Space, Add	13.69	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0761 EA 1-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	86.57	20.99
For Elevated Installation >10' To 15', Add	5.24	
For Elevated Installation >15' To 20', Add	10.47	
For Elevated Installation >20' To 25', Add	13.09	
For Elevated Installation >25' To 30', Add	18.33	
For Elevated Installation >30' To 35', Add	20.95	
For Elevated Installation >35' To 40', Add	26.19	
For Elevated Installation >40', Add	28.80	
For Work In Restricted Working Space, Add	15.71	
26 05 33 13-0762 EA 2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	106.85	23.07
For Elevated Installation >10' To 15', Add	5.76	
For Elevated Installation >15' To 20', Add	11.52	
For Elevated Installation >20' To 25', Add	14.41	
For Elevated Installation >25' To 30', Add	20.17	
For Elevated Installation >30' To 35', Add	23.05	
For Elevated Installation >35' To 40', Add	28.81	
For Elevated Installation >40', Add	31.69	
For Work In Restricted Working Space, Add	17.29	
26 05 33 13-0763 EA 2-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	155.61	28.81
For Elevated Installation >10' To 15', Add	7.20	
For Elevated Installation >15' To 20', Add	14.40	
For Elevated Installation >20' To 25', Add	18.01	
For Elevated Installation >25' To 30', Add	25.21	
For Elevated Installation >30' To 35', Add	28.81	
For Elevated Installation >35' To 40', Add	36.01	
For Elevated Installation >40', Add	39.61	
For Work In Restricted Working Space, Add	21.61	
26 05 33 13-0764 EA 3" Intermediate Metal Conduit (IMC) 90 Degree Elbow	226.09	39.25
For Elevated Installation >10' To 15', Add	9.81	
For Elevated Installation >15' To 20', Add	19.62	
For Elevated Installation >20' To 25', Add	24.53	
For Elevated Installation >25' To 30', Add	34.34	
For Elevated Installation >30' To 35', Add	39.24	
For Elevated Installation >35' To 40', Add	49.06	
For Elevated Installation >40', Add	53.96	
For Work In Restricted Working Space, Add	29.43	
26 05 33 13-0765 EA 3-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	336.60	44.26
For Elevated Installation >10' To 15', Add	11.07	
For Elevated Installation >15' To 20', Add	22.13	
For Elevated Installation >20' To 25', Add	27.67	
For Elevated Installation >25' To 30', Add	38.73	
For Elevated Installation >30' To 35', Add	44.27	
For Elevated Installation >35' To 40', Add	55.34	
For Elevated Installation >40', Add	60.87	
For Work In Restricted Working Space, Add	33.20	
26 05 33 13-0766 EA 4" Intermediate Metal Conduit (IMC) 90 Degree Elbow	406.11	57.63
For Elevated Installation >10' To 15', Add	14.40	
For Elevated Installation >15' To 20', Add	28.81	
For Elevated Installation >20' To 25', Add	36.01	
For Elevated Installation >25' To 30', Add	50.41	
For Elevated Installation >30' To 35', Add	57.61	
For Elevated Installation >35' To 40', Add	72.02	
For Elevated Installation >40', Add	79.22	
For Work In Restricted Working Space, Add	43.21	
26 05 33 13-0767 Intermediate Metal Conduit (IMC) Bushing Sets With Locknut <small>(26 05 33 13-0744)</small>		
26 05 33 13-0768 EA 1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	14.42	5.42
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.07	
26 05 33 13-0769 EA 3/4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	17.09	0.62
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.70	
26 05 33 13-0770 EA 1" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	22.22	7.93
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.95	
26 05 33 13-0771 EA 1-1/4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	27.19	9.61
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.20	
26 05 33 13-0772 EA 1-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	30.63	10.44
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.83	
26 05 33 13-0773 EA 2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	39.84	12.94
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.71	
26 05 33 13-0774 EA 2-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	75.49	20.88
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.66	
26 05 33 13-0775 EA 3" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	91.71	28.40
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.30	
26 05 33 13-0776 EA 3-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	122.02	33.82
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.37	
26 05 33 13-0777 EA 4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	144.45	39.25
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	29.44	
26 05 33 13-0778 Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fittings <small>(26 05 33 13-0744)</small>		
Note: 3-Piece coupling.		

26 Electrical

26 05 Common Work Results for Electrical

26 05 33 Raceway and Boxes for Electrical Systems



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0779	EA 1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	48.28	16.70
	For Elevated Installation >10' To 15', Add	4.18	
	For Elevated Installation >15' To 20', Add	8.36	
	For Elevated Installation >20' To 25', Add	10.45	
	For Elevated Installation >25' To 30', Add	14.63	
	For Elevated Installation >30' To 35', Add	16.72	
	For Elevated Installation >35' To 40', Add	20.90	
	For Elevated Installation >40', Add	22.99	
	For Work In Restricted Working Space, Add	12.54	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.54	
26 05 33 13-0780	EA 3/4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	55.01	18.69
	For Elevated Installation >10' To 15', Add	4.67	
	For Elevated Installation >15' To 20', Add	9.33	
	For Elevated Installation >20' To 25', Add	11.67	
	For Elevated Installation >25' To 30', Add	16.33	
	For Elevated Installation >30' To 35', Add	18.66	
	For Elevated Installation >35' To 40', Add	23.33	
	For Elevated Installation >40', Add	25.66	
	For Work In Restricted Working Space, Add	14.00	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.00	
26 05 33 13-0781	EA 1" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	68.08	20.78
	For Elevated Installation >10' To 15', Add	5.20	
	For Elevated Installation >15' To 20', Add	10.39	
	For Elevated Installation >20' To 25', Add	12.99	
	For Elevated Installation >25' To 30', Add	18.19	
	For Elevated Installation >30' To 35', Add	20.79	
	For Elevated Installation >35' To 40', Add	25.99	
	For Elevated Installation >40', Add	28.58	
	For Work In Restricted Working Space, Add	15.59	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.59	
26 05 33 13-0782	EA 1-1/4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	86.50	22.76
	For Elevated Installation >10' To 15', Add	5.69	
	For Elevated Installation >15' To 20', Add	11.37	
	For Elevated Installation >20' To 25', Add	14.22	
	For Elevated Installation >25' To 30', Add	19.90	
	For Elevated Installation >30' To 35', Add	22.75	
	For Elevated Installation >35' To 40', Add	28.44	
	For Elevated Installation >40', Add	31.28	
	For Work In Restricted Working Space, Add	17.06	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.06	
26 05 33 13-0783	EA 1-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	99.40	24.85
	For Elevated Installation >10' To 15', Add	6.22	
	For Elevated Installation >15' To 20', Add	12.44	
	For Elevated Installation >20' To 25', Add	15.56	
	For Elevated Installation >25' To 30', Add	21.78	
	For Elevated Installation >30' To 35', Add	24.89	
	For Elevated Installation >35' To 40', Add	31.11	
	For Elevated Installation >40', Add	34.22	
	For Work In Restricted Working Space, Add	18.67	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.67	
26 05 33 13-0784	EA 2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	141.75	26.93
	For Elevated Installation >10' To 15', Add	6.74	
	For Elevated Installation >15' To 20', Add	13.48	
	For Elevated Installation >20' To 25', Add	16.85	
	For Elevated Installation >25' To 30', Add	23.58	
	For Elevated Installation >30' To 35', Add	26.95	
	For Elevated Installation >35' To 40', Add	33.69	
	For Elevated Installation >40', Add	37.06	
	For Work In Restricted Working Space, Add	20.21	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.21	
26 05 33 13-0785	EA 2-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	242.59	33.40
	For Elevated Installation >10' To 15', Add	8.35	
	For Elevated Installation >15' To 20', Add	16.70	
	For Elevated Installation >20' To 25', Add	20.88	
	For Elevated Installation >25' To 30', Add	29.23	
	For Elevated Installation >30' To 35', Add	33.40	
	For Elevated Installation >35' To 40', Add	41.76	
	For Elevated Installation >40', Add	45.93	
	For Work In Restricted Working Space, Add	25.05	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.05	
26 05 33 13-0786	EA 3" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	346.98	41.75
	For Elevated Installation >10' To 15', Add	10.44	
	For Elevated Installation >15' To 20', Add	20.88	
	For Elevated Installation >20' To 25', Add	26.10	
	For Elevated Installation >25' To 30', Add	36.54	
	For Elevated Installation >30' To 35', Add	41.76	
	For Elevated Installation >35' To 40', Add	52.20	
	For Elevated Installation >40', Add	57.41	
	For Work In Restricted Working Space, Add	31.32	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	31.32	
26 05 33 13-0787	EA 3-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	515.05	50.11
	For Elevated Installation >10' To 15', Add	12.53	
	For Elevated Installation >15' To 20', Add	25.06	
	For Elevated Installation >20' To 25', Add	31.33	
	For Elevated Installation >25' To 30', Add	43.86	
	For Elevated Installation >30' To 35', Add	50.12	
	For Elevated Installation >35' To 40', Add	62.66	
	For Elevated Installation >40', Add	68.92	
	For Work In Restricted Working Space, Add	37.59	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	37.59	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-0788	EA	4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....		597.02	54.29
		<i>For Elevated Installation >10' To 15', Add</i>		13.57	
		<i>For Elevated Installation >15' To 20', Add</i>		27.14	
		<i>For Elevated Installation >20' To 25', Add</i>		33.93	
		<i>For Elevated Installation >25' To 30', Add</i>		47.50	
		<i>For Elevated Installation >30' To 35', Add</i>		54.28	
		<i>For Elevated Installation >35' To 40', Add</i>		67.85	
		<i>For Elevated Installation >40', Add</i>		74.64	
		<i>For Work In Restricted Working Space, Add</i>		40.71	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		40.71	

26 05 33 13-0789 Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connectors (26 05 33 13-0744)

26 05 33 13-0790	EA	1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....		27.94	8.35
		<i>For Elevated Installation >10' To 15', Add</i>		2.09	
		<i>For Elevated Installation >15' To 20', Add</i>		4.18	
		<i>For Elevated Installation >20' To 25', Add</i>		5.22	
		<i>For Elevated Installation >25' To 30', Add</i>		7.31	
		<i>For Elevated Installation >30' To 35', Add</i>		8.35	
		<i>For Elevated Installation >35' To 40', Add</i>		10.44	
		<i>For Elevated Installation >40', Add</i>		11.48	
		<i>For Work In Restricted Working Space, Add</i>		6.26	
26 05 33 13-0791	EA	3/4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....		31.31	9.18
		<i>For Elevated Installation >10' To 15', Add</i>		2.30	
		<i>For Elevated Installation >15' To 20', Add</i>		4.59	
		<i>For Elevated Installation >20' To 25', Add</i>		5.74	
		<i>For Elevated Installation >25' To 30', Add</i>		8.04	
		<i>For Elevated Installation >30' To 35', Add</i>		9.18	
		<i>For Elevated Installation >35' To 40', Add</i>		11.48	
		<i>For Elevated Installation >40', Add</i>		12.63	
		<i>For Work In Restricted Working Space, Add</i>		6.89	
26 05 33 13-0792	EA	1" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....		36.04	10.44
		<i>For Elevated Installation >10' To 15', Add</i>		2.61	
		<i>For Elevated Installation >15' To 20', Add</i>		5.22	
		<i>For Elevated Installation >20' To 25', Add</i>		6.53	
		<i>For Elevated Installation >25' To 30', Add</i>		9.14	
		<i>For Elevated Installation >30' To 35', Add</i>		10.44	
		<i>For Elevated Installation >35' To 40', Add</i>		13.05	
		<i>For Elevated Installation >40', Add</i>		14.36	
		<i>For Work In Restricted Working Space, Add</i>		7.83	
26 05 33 13-0793	EA	1-1/4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....		41.31	11.27
		<i>For Elevated Installation >10' To 15', Add</i>		2.82	
		<i>For Elevated Installation >15' To 20', Add</i>		5.64	
		<i>For Elevated Installation >20' To 25', Add</i>		7.05	
		<i>For Elevated Installation >25' To 30', Add</i>		9.87	
		<i>For Elevated Installation >30' To 35', Add</i>		11.28	
		<i>For Elevated Installation >35' To 40', Add</i>		14.10	
		<i>For Elevated Installation >40', Add</i>		15.50	
		<i>For Work In Restricted Working Space, Add</i>		8.46	
26 05 33 13-0794	EA	1-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....		49.60	12.52
		<i>For Elevated Installation >10' To 15', Add</i>		3.13	
		<i>For Elevated Installation >15' To 20', Add</i>		6.26	
		<i>For Elevated Installation >20' To 25', Add</i>		7.83	
		<i>For Elevated Installation >25' To 30', Add</i>		10.96	
		<i>For Elevated Installation >30' To 35', Add</i>		12.52	
		<i>For Elevated Installation >35' To 40', Add</i>		15.66	
		<i>For Elevated Installation >40', Add</i>		17.22	
		<i>For Work In Restricted Working Space, Add</i>		9.39	
26 05 33 13-0795	EA	2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....		61.49	13.78
		<i>For Elevated Installation >10' To 15', Add</i>		3.45	
		<i>For Elevated Installation >15' To 20', Add</i>		6.89	
		<i>For Elevated Installation >20' To 25', Add</i>		8.61	
		<i>For Elevated Installation >25' To 30', Add</i>		12.06	
		<i>For Elevated Installation >30' To 35', Add</i>		13.78	
		<i>For Elevated Installation >35' To 40', Add</i>		17.23	
		<i>For Elevated Installation >40', Add</i>		18.95	
		<i>For Work In Restricted Working Space, Add</i>		10.34	
26 05 33 13-0796	EA	2-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....		85.10	16.70
		<i>For Elevated Installation >10' To 15', Add</i>		4.18	
		<i>For Elevated Installation >15' To 20', Add</i>		8.35	
		<i>For Elevated Installation >20' To 25', Add</i>		10.44	
		<i>For Elevated Installation >25' To 30', Add</i>		14.61	
		<i>For Elevated Installation >30' To 35', Add</i>		16.70	
		<i>For Elevated Installation >35' To 40', Add</i>		20.88	
		<i>For Elevated Installation >40', Add</i>		22.96	
		<i>For Work In Restricted Working Space, Add</i>		12.53	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-0797	EA	3" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	105.08	20.88
		<i>For Elevated Installation >10' To 15', Add</i>	5.22	
		<i>For Elevated Installation >15' To 20', Add</i>	10.44	
		<i>For Elevated Installation >20' To 25', Add</i>	13.05	
		<i>For Elevated Installation >25' To 30', Add</i>	18.27	
		<i>For Elevated Installation >30' To 35', Add</i>	20.88	
		<i>For Elevated Installation >35' To 40', Add</i>	26.10	
		<i>For Elevated Installation >40', Add</i>	28.70	
		<i>For Work In Restricted Working Space, Add</i>	15.66	
26 05 33 13-0798	EA	3-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	126.27	25.06
		<i>For Elevated Installation >10' To 15', Add</i>	6.26	
		<i>For Elevated Installation >15' To 20', Add</i>	12.53	
		<i>For Elevated Installation >20' To 25', Add</i>	15.66	
		<i>For Elevated Installation >25' To 30', Add</i>	21.92	
		<i>For Elevated Installation >30' To 35', Add</i>	25.06	
		<i>For Elevated Installation >35' To 40', Add</i>	31.32	
		<i>For Elevated Installation >40', Add</i>	34.45	
		<i>For Work In Restricted Working Space, Add</i>	18.79	
26 05 33 13-0799	EA	4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	143.41	27.14
		<i>For Elevated Installation >10' To 15', Add</i>	6.79	
		<i>For Elevated Installation >15' To 20', Add</i>	13.57	
		<i>For Elevated Installation >20' To 25', Add</i>	16.96	
		<i>For Elevated Installation >25' To 30', Add</i>	23.75	
		<i>For Elevated Installation >30' To 35', Add</i>	27.14	
		<i>For Elevated Installation >35' To 40', Add</i>	33.93	
		<i>For Elevated Installation >40', Add</i>	37.32	
		<i>For Work In Restricted Working Space, Add</i>	20.36	
26 05 33 13-0800		Intermediate Metal Conduit (IMC) Rain Tight Threaded Hubs <small>(26 05 33 13-0744)</small>		
26 05 33 13-0801	EA	1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub.....	23.83	8.35
		<i>For Elevated Installation >10' To 15', Add</i>	2.09	
		<i>For Elevated Installation >15' To 20', Add</i>	4.18	
		<i>For Elevated Installation >20' To 25', Add</i>	5.22	
		<i>For Elevated Installation >25' To 30', Add</i>	7.31	
		<i>For Elevated Installation >30' To 35', Add</i>	8.36	
		<i>For Elevated Installation >35' To 40', Add</i>	10.45	
		<i>For Elevated Installation >40', Add</i>	11.49	
		<i>For Work In Restricted Working Space, Add</i>	6.27	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.27	
26 05 33 13-0802	EA	3/4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub.....	30.52	10.44
		<i>For Elevated Installation >10' To 15', Add</i>	2.61	
		<i>For Elevated Installation >15' To 20', Add</i>	5.22	
		<i>For Elevated Installation >20' To 25', Add</i>	6.53	
		<i>For Elevated Installation >25' To 30', Add</i>	9.14	
		<i>For Elevated Installation >30' To 35', Add</i>	10.44	
		<i>For Elevated Installation >35' To 40', Add</i>	13.05	
		<i>For Elevated Installation >40', Add</i>	14.36	
		<i>For Work In Restricted Working Space, Add</i>	7.83	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.83	
26 05 33 13-0803	EA	1" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub.....	37.84	12.52
		<i>For Elevated Installation >10' To 15', Add</i>	3.13	
		<i>For Elevated Installation >15' To 20', Add</i>	6.26	
		<i>For Elevated Installation >20' To 25', Add</i>	7.83	
		<i>For Elevated Installation >25' To 30', Add</i>	10.96	
		<i>For Elevated Installation >30' To 35', Add</i>	12.53	
		<i>For Elevated Installation >35' To 40', Add</i>	15.66	
		<i>For Elevated Installation >40', Add</i>	17.23	
		<i>For Work In Restricted Working Space, Add</i>	9.40	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.40	
26 05 33 13-0804	EA	1-1/4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	45.77	14.62
		<i>For Elevated Installation >10' To 15', Add</i>	3.65	
		<i>For Elevated Installation >15' To 20', Add</i>	7.31	
		<i>For Elevated Installation >20' To 25', Add</i>	9.14	
		<i>For Elevated Installation >25' To 30', Add</i>	12.79	
		<i>For Elevated Installation >30' To 35', Add</i>	14.62	
		<i>For Elevated Installation >35' To 40', Add</i>	18.27	
		<i>For Elevated Installation >40', Add</i>	20.10	
		<i>For Work In Restricted Working Space, Add</i>	10.96	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.96	
26 05 33 13-0805	EA	1-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	53.64	16.70
		<i>For Elevated Installation >10' To 15', Add</i>	4.18	
		<i>For Elevated Installation >15' To 20', Add</i>	8.35	
		<i>For Elevated Installation >20' To 25', Add</i>	10.44	
		<i>For Elevated Installation >25' To 30', Add</i>	14.61	
		<i>For Elevated Installation >30' To 35', Add</i>	16.70	
		<i>For Elevated Installation >35' To 40', Add</i>	20.88	
		<i>For Elevated Installation >40', Add</i>	22.96	
		<i>For Work In Restricted Working Space, Add</i>	12.53	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.53	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0806 EA 2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	64.15	18.79
For Elevated Installation >10' To 15', Add	4.70	
For Elevated Installation >15' To 20', Add	9.39	
For Elevated Installation >20' To 25', Add	11.74	
For Elevated Installation >25' To 30', Add	16.44	
For Elevated Installation >30' To 35', Add	18.79	
For Elevated Installation >35' To 40', Add	23.49	
For Elevated Installation >40', Add	25.83	
For Work In Restricted Working Space, Add	14.09	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.09	
26 05 33 13-0807 EA 2-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	80.98	20.88
For Elevated Installation >10' To 15', Add	5.22	
For Elevated Installation >15' To 20', Add	10.44	
For Elevated Installation >20' To 25', Add	13.05	
For Elevated Installation >25' To 30', Add	18.27	
For Elevated Installation >30' To 35', Add	20.88	
For Elevated Installation >35' To 40', Add	26.10	
For Elevated Installation >40', Add	28.70	
For Work In Restricted Working Space, Add	15.66	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.66	
26 05 33 13-0808 EA 3" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	96.19	22.96
For Elevated Installation >10' To 15', Add	5.74	
For Elevated Installation >15' To 20', Add	11.48	
For Elevated Installation >20' To 25', Add	14.35	
For Elevated Installation >25' To 30', Add	20.09	
For Elevated Installation >30' To 35', Add	22.96	
For Elevated Installation >35' To 40', Add	28.71	
For Elevated Installation >40', Add	31.58	
For Work In Restricted Working Space, Add	17.22	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.22	
26 05 33 13-0809 EA 3-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	118.12	27.14
For Elevated Installation >10' To 15', Add	6.79	
For Elevated Installation >15' To 20', Add	13.57	
For Elevated Installation >20' To 25', Add	16.96	
For Elevated Installation >25' To 30', Add	23.75	
For Elevated Installation >30' To 35', Add	27.14	
For Elevated Installation >35' To 40', Add	33.93	
For Elevated Installation >40', Add	37.32	
For Work In Restricted Working Space, Add	20.36	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.36	
26 05 33 13-0810 EA 4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	136.50	29.23
For Elevated Installation >10' To 15', Add	7.31	
For Elevated Installation >15' To 20', Add	14.61	
For Elevated Installation >20' To 25', Add	18.27	
For Elevated Installation >25' To 30', Add	25.57	
For Elevated Installation >30' To 35', Add	29.23	
For Elevated Installation >35' To 40', Add	36.54	
For Elevated Installation >40', Add	40.19	
For Work In Restricted Working Space, Add	21.92	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.92	
26 05 33 13-0811 Intermediate Metal Conduit (IMC) Expansion Fittings (26 05 33 13-0744)	169.02	16.70
26 05 33 13-0812 EA 1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	169.02	16.70
For Elevated Installation >10' To 15', Add	4.18	
For Elevated Installation >15' To 20', Add	8.35	
For Elevated Installation >20' To 25', Add	10.44	
For Elevated Installation >25' To 30', Add	14.62	
For Elevated Installation >30' To 35', Add	16.70	
For Elevated Installation >35' To 40', Add	20.88	
For Elevated Installation >40', Add	22.97	
For Work In Restricted Working Space, Add	12.53	
26 05 33 13-0813 EA 3/4" Intermediate Metal Conduit (IMC) Expansion Fitting	186.97	18.79
For Elevated Installation >10' To 15', Add	4.70	
For Elevated Installation >15' To 20', Add	9.40	
For Elevated Installation >20' To 25', Add	11.75	
For Elevated Installation >25' To 30', Add	16.44	
For Elevated Installation >30' To 35', Add	18.79	
For Elevated Installation >35' To 40', Add	23.49	
For Elevated Installation >40', Add	25.84	
For Work In Restricted Working Space, Add	14.09	
26 05 33 13-0814 EA 1" Intermediate Metal Conduit (IMC) Expansion Fitting	207.78	20.88
For Elevated Installation >10' To 15', Add	5.22	
For Elevated Installation >15' To 20', Add	10.44	
For Elevated Installation >20' To 25', Add	13.05	
For Elevated Installation >25' To 30', Add	18.27	
For Elevated Installation >30' To 35', Add	20.88	
For Elevated Installation >35' To 40', Add	26.10	
For Elevated Installation >40', Add	28.71	
For Work In Restricted Working Space, Add	15.66	
26 05 33 13-0815 EA 1-1/4" Intermediate Metal Conduit (IMC) Expansion Fitting	251.48	22.96
For Elevated Installation >10' To 15', Add	5.74	
For Elevated Installation >15' To 20', Add	11.48	
For Elevated Installation >20' To 25', Add	14.35	
For Elevated Installation >25' To 30', Add	20.09	
For Elevated Installation >30' To 35', Add	22.96	
For Elevated Installation >35' To 40', Add	28.71	
For Elevated Installation >40', Add	31.58	
For Work In Restricted Working Space, Add	17.22	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0816	EA	1-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting.....	308.80	25.06
			<i>For Elevated Installation >10' To 15', Add</i>	6.26	
			<i>For Elevated Installation >15' To 20', Add</i>	12.53	
			<i>For Elevated Installation >20' To 25', Add</i>	15.66	
			<i>For Elevated Installation >25' To 30', Add</i>	21.92	
			<i>For Elevated Installation >30' To 35', Add</i>	25.05	
			<i>For Elevated Installation >35' To 40', Add</i>	31.32	
			<i>For Elevated Installation >40', Add</i>	34.45	
			<i>For Work In Restricted Working Space, Add</i>	18.79	
26 05 33	13-0817	EA	2" Intermediate Metal Conduit (IMC) Expansion Fitting.....	407.31	27.14
			<i>For Elevated Installation >10' To 15', Add</i>	6.78	
			<i>For Elevated Installation >15' To 20', Add</i>	13.57	
			<i>For Elevated Installation >20' To 25', Add</i>	16.96	
			<i>For Elevated Installation >25' To 30', Add</i>	23.74	
			<i>For Elevated Installation >30' To 35', Add</i>	27.14	
			<i>For Elevated Installation >35' To 40', Add</i>	33.92	
			<i>For Elevated Installation >40', Add</i>	37.31	
			<i>For Work In Restricted Working Space, Add</i>	20.35	
26 05 33	13-0818	EA	2-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting.....	616.74	33.40
			<i>For Elevated Installation >10' To 15', Add</i>	8.35	
			<i>For Elevated Installation >15' To 20', Add</i>	16.70	
			<i>For Elevated Installation >20' To 25', Add</i>	20.88	
			<i>For Elevated Installation >25' To 30', Add</i>	29.23	
			<i>For Elevated Installation >30' To 35', Add</i>	33.40	
			<i>For Elevated Installation >35' To 40', Add</i>	41.76	
			<i>For Elevated Installation >40', Add</i>	45.93	
			<i>For Work In Restricted Working Space, Add</i>	25.05	
26 05 33	13-0819	EA	3" Intermediate Metal Conduit (IMC) Expansion Fitting.....	741.09	41.75
			<i>For Elevated Installation >10' To 15', Add</i>	10.44	
			<i>For Elevated Installation >15' To 20', Add</i>	20.88	
			<i>For Elevated Installation >20' To 25', Add</i>	26.10	
			<i>For Elevated Installation >25' To 30', Add</i>	36.54	
			<i>For Elevated Installation >30' To 35', Add</i>	41.76	
			<i>For Elevated Installation >35' To 40', Add</i>	52.20	
			<i>For Elevated Installation >40', Add</i>	57.41	
			<i>For Work In Restricted Working Space, Add</i>	31.32	
26 05 33	13-0820	EA	3-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting.....	1,034.88	50.11
			<i>For Elevated Installation >10' To 15', Add</i>	12.53	
			<i>For Elevated Installation >15' To 20', Add</i>	25.06	
			<i>For Elevated Installation >20' To 25', Add</i>	31.32	
			<i>For Elevated Installation >25' To 30', Add</i>	43.85	
			<i>For Elevated Installation >30' To 35', Add</i>	50.11	
			<i>For Elevated Installation >35' To 40', Add</i>	62.64	
			<i>For Elevated Installation >40', Add</i>	68.90	
			<i>For Work In Restricted Working Space, Add</i>	37.58	
26 05 33	13-0821	EA	4" Intermediate Metal Conduit (IMC) Expansion Fitting.....	1,197.70	54.29
			<i>For Elevated Installation >10' To 15', Add</i>	13.57	
			<i>For Elevated Installation >15' To 20', Add</i>	27.14	
			<i>For Elevated Installation >20' To 25', Add</i>	33.93	
			<i>For Elevated Installation >25' To 30', Add</i>	47.50	
			<i>For Elevated Installation >30' To 35', Add</i>	54.28	
			<i>For Elevated Installation >35' To 40', Add</i>	67.85	
			<i>For Elevated Installation >40', Add</i>	74.64	
			<i>For Work In Restricted Working Space, Add</i>	40.71	
26 05 33	13-0822		Intermediate Metal Conduit (IMC) Sealing Fittings, Vertical/Horizontal (26 05 33 13-0744)		
26 05 33	13-0823	EA	1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal.....	101.16	26.10
			<i>For Elevated Installation >10' To 15', Add</i>	5.22	
			<i>For Elevated Installation >15' To 20', Add</i>	10.44	
			<i>For Elevated Installation >20' To 25', Add</i>	13.05	
			<i>For Elevated Installation >25' To 30', Add</i>	18.27	
			<i>For Elevated Installation >30' To 35', Add</i>	20.88	
			<i>For Elevated Installation >35' To 40', Add</i>	26.10	
			<i>For Elevated Installation >40', Add</i>	28.70	
			<i>For Work In Restricted Working Space, Add</i>	15.66	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.66	
26 05 33	13-0824	EA	3/4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal.....	120.14	31.31
			<i>For Elevated Installation >10' To 15', Add</i>	6.26	
			<i>For Elevated Installation >15' To 20', Add</i>	12.53	
			<i>For Elevated Installation >20' To 25', Add</i>	15.66	
			<i>For Elevated Installation >25' To 30', Add</i>	21.92	
			<i>For Elevated Installation >30' To 35', Add</i>	25.05	
			<i>For Elevated Installation >35' To 40', Add</i>	31.32	
			<i>For Elevated Installation >40', Add</i>	34.45	
			<i>For Work In Restricted Working Space, Add</i>	18.79	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.79	
26 05 33	13-0825	EA	1" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal.....	147.00	36.54
			<i>For Elevated Installation >10' To 15', Add</i>	7.31	
			<i>For Elevated Installation >15' To 20', Add</i>	14.62	
			<i>For Elevated Installation >20' To 25', Add</i>	18.27	
			<i>For Elevated Installation >25' To 30', Add</i>	25.58	
			<i>For Elevated Installation >30' To 35', Add</i>	29.23	
			<i>For Elevated Installation >35' To 40', Add</i>	36.54	
			<i>For Elevated Installation >40', Add</i>	40.19	
			<i>For Work In Restricted Working Space, Add</i>	21.92	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.92	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0826	EA			1-1/4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal.....	173.27	41.75
				For Elevated Installation >10' To 15', Add	8.35	
				For Elevated Installation >15' To 20', Add	16.70	
				For Elevated Installation >20' To 25', Add	20.88	
				For Elevated Installation >25' To 30', Add	29.23	
				For Elevated Installation >30' To 35', Add	33.40	
				For Elevated Installation >35' To 40', Add	41.76	
				For Elevated Installation >40', Add	45.93	
				For Work In Restricted Working Space, Add	25.05	
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.05	
26 05 33 13-0827	EA			1-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal.....	229.09	46.98
				For Elevated Installation >10' To 15', Add	9.40	
				For Elevated Installation >15' To 20', Add	18.79	
				For Elevated Installation >20' To 25', Add	23.49	
				For Elevated Installation >25' To 30', Add	32.88	
				For Elevated Installation >30' To 35', Add	37.58	
				For Elevated Installation >35' To 40', Add	46.98	
				For Elevated Installation >40', Add	51.67	
				For Work In Restricted Working Space, Add	28.19	
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	28.19	
26 05 33 13-0828	EA			2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal.....	279.48	52.19
				For Elevated Installation >10' To 15', Add	10.44	
				For Elevated Installation >15' To 20', Add	20.88	
				For Elevated Installation >20' To 25', Add	26.10	
				For Elevated Installation >25' To 30', Add	36.54	
				For Elevated Installation >30' To 35', Add	41.76	
				For Elevated Installation >35' To 40', Add	52.20	
				For Elevated Installation >40', Add	57.41	
				For Work In Restricted Working Space, Add	31.32	
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	31.32	
26 05 33 13-0829	EA			2-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal.....	397.30	62.63
				For Elevated Installation >10' To 15', Add	12.53	
				For Elevated Installation >15' To 20', Add	25.05	
				For Elevated Installation >20' To 25', Add	31.32	
				For Elevated Installation >25' To 30', Add	43.84	
				For Elevated Installation >30' To 35', Add	50.11	
				For Elevated Installation >35' To 40', Add	62.64	
				For Elevated Installation >40', Add	68.90	
				For Work In Restricted Working Space, Add	37.58	
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	37.58	
26 05 33 13-0830	EA			3" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal.....	478.44	73.08
				For Elevated Installation >10' To 15', Add	14.61	
				For Elevated Installation >15' To 20', Add	29.23	
				For Elevated Installation >20' To 25', Add	36.54	
				For Elevated Installation >25' To 30', Add	51.15	
				For Elevated Installation >30' To 35', Add	58.46	
				For Elevated Installation >35' To 40', Add	73.07	
				For Elevated Installation >40', Add	80.38	
				For Work In Restricted Working Space, Add	43.84	
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	43.84	
26 05 33 13-0831	EA			3-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal.....	1,125.39	83.51
				For Elevated Installation >10' To 15', Add	16.70	
				For Elevated Installation >15' To 20', Add	33.40	
				For Elevated Installation >20' To 25', Add	41.76	
				For Elevated Installation >25' To 30', Add	58.46	
				For Elevated Installation >30' To 35', Add	66.81	
				For Elevated Installation >35' To 40', Add	83.51	
				For Elevated Installation >40', Add	91.86	
				For Work In Restricted Working Space, Add	50.11	
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	50.11	
26 05 33 13-0832	EA			4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal.....	1,297.07	93.95
				For Elevated Installation >10' To 15', Add	18.79	
				For Elevated Installation >15' To 20', Add	37.58	
				For Elevated Installation >20' To 25', Add	46.98	
				For Elevated Installation >25' To 30', Add	65.77	
				For Elevated Installation >30' To 35', Add	75.16	
				For Elevated Installation >35' To 40', Add	93.95	
				For Elevated Installation >40', Add	103.35	
				For Work In Restricted Working Space, Add	56.37	
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	56.37	
26 05 33 13-0833				Intermediate Metal Conduit (IMC) Threaded Couplings (26 05 33 13-0744)		
26 05 33 13-0834	EA			1/2" Intermediate Metal Conduit (IMC) Threaded Coupling.....	14.19	5.01
				For Elevated Installation >10' To 15', Add	1.25	
				For Elevated Installation >15' To 20', Add	2.50	
				For Elevated Installation >20' To 25', Add	3.13	
				For Elevated Installation >25' To 30', Add	4.38	
				For Elevated Installation >30' To 35', Add	5.01	
				For Elevated Installation >35' To 40', Add	6.26	
				For Elevated Installation >40', Add	6.89	
				For Work In Restricted Working Space, Add	3.76	
26 05 33 13-0835	EA			3/4" Intermediate Metal Conduit (IMC) Threaded Coupling.....	19.79	7.10
				For Elevated Installation >10' To 15', Add	1.78	
				For Elevated Installation >15' To 20', Add	3.55	
				For Elevated Installation >20' To 25', Add	4.44	
				For Elevated Installation >25' To 30', Add	6.22	
				For Elevated Installation >30' To 35', Add	7.10	
				For Elevated Installation >35' To 40', Add	8.88	
				For Elevated Installation >40', Add	9.77	
				For Work In Restricted Working Space, Add	5.33	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-0836	EA	1" Intermediate Metal Conduit (IMC) Threaded Coupling	25.97	9.18
		<i>For Elevated Installation >10' To 15', Add</i>	2.30	
		<i>For Elevated Installation >15' To 20', Add</i>	4.59	
		<i>For Elevated Installation >20' To 25', Add</i>	5.74	
		<i>For Elevated Installation >25' To 30', Add</i>	8.03	
		<i>For Elevated Installation >30' To 35', Add</i>	9.18	
		<i>For Elevated Installation >35' To 40', Add</i>	11.48	
		<i>For Elevated Installation >40', Add</i>	12.62	
		<i>For Work In Restricted Working Space, Add</i>	6.89	
26 05 33 13-0837	EA	1-1/4" Intermediate Metal Conduit (IMC) Threaded Coupling	29.88	10.44
		<i>For Elevated Installation >10' To 15', Add</i>	2.61	
		<i>For Elevated Installation >15' To 20', Add</i>	5.22	
		<i>For Elevated Installation >20' To 25', Add</i>	6.53	
		<i>For Elevated Installation >25' To 30', Add</i>	9.14	
		<i>For Elevated Installation >30' To 35', Add</i>	10.44	
		<i>For Elevated Installation >35' To 40', Add</i>	13.05	
		<i>For Elevated Installation >40', Add</i>	14.36	
		<i>For Work In Restricted Working Space, Add</i>	7.83	
26 05 33 13-0838	EA	1-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	36.07	12.52
		<i>For Elevated Installation >10' To 15', Add</i>	3.13	
		<i>For Elevated Installation >15' To 20', Add</i>	6.26	
		<i>For Elevated Installation >20' To 25', Add</i>	7.83	
		<i>For Elevated Installation >25' To 30', Add</i>	10.96	
		<i>For Elevated Installation >30' To 35', Add</i>	12.52	
		<i>For Elevated Installation >35' To 40', Add</i>	15.65	
		<i>For Elevated Installation >40', Add</i>	17.22	
		<i>For Work In Restricted Working Space, Add</i>	9.39	
26 05 33 13-0839	EA	2" Intermediate Metal Conduit (IMC) Threaded Coupling	41.79	14.20
		<i>For Elevated Installation >10' To 15', Add</i>	3.55	
		<i>For Elevated Installation >15' To 20', Add</i>	7.10	
		<i>For Elevated Installation >20' To 25', Add</i>	8.88	
		<i>For Elevated Installation >25' To 30', Add</i>	12.43	
		<i>For Elevated Installation >30' To 35', Add</i>	14.20	
		<i>For Elevated Installation >35' To 40', Add</i>	17.76	
		<i>For Elevated Installation >40', Add</i>	19.53	
		<i>For Work In Restricted Working Space, Add</i>	10.65	
26 05 33 13-0840	EA	2-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	53.58	15.86
		<i>For Elevated Installation >10' To 15', Add</i>	3.97	
		<i>For Elevated Installation >15' To 20', Add</i>	7.93	
		<i>For Elevated Installation >20' To 25', Add</i>	9.92	
		<i>For Elevated Installation >25' To 30', Add</i>	13.88	
		<i>For Elevated Installation >30' To 35', Add</i>	15.86	
		<i>For Elevated Installation >35' To 40', Add</i>	19.83	
		<i>For Elevated Installation >40', Add</i>	21.81	
		<i>For Work In Restricted Working Space, Add</i>	11.90	
26 05 33 13-0841	EA	3" Intermediate Metal Conduit (IMC) Threaded Coupling	63.90	17.96
		<i>For Elevated Installation >10' To 15', Add</i>	4.49	
		<i>For Elevated Installation >15' To 20', Add</i>	8.98	
		<i>For Elevated Installation >20' To 25', Add</i>	11.22	
		<i>For Elevated Installation >25' To 30', Add</i>	15.71	
		<i>For Elevated Installation >30' To 35', Add</i>	17.96	
		<i>For Elevated Installation >35' To 40', Add</i>	22.45	
		<i>For Elevated Installation >40', Add</i>	24.69	
		<i>For Work In Restricted Working Space, Add</i>	13.47	
26 05 33 13-0842	EA	3-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	74.48	19.62
		<i>For Elevated Installation >10' To 15', Add</i>	4.91	
		<i>For Elevated Installation >15' To 20', Add</i>	9.81	
		<i>For Elevated Installation >20' To 25', Add</i>	12.27	
		<i>For Elevated Installation >25' To 30', Add</i>	17.17	
		<i>For Elevated Installation >30' To 35', Add</i>	19.63	
		<i>For Elevated Installation >35' To 40', Add</i>	24.54	
		<i>For Elevated Installation >40', Add</i>	26.99	
		<i>For Work In Restricted Working Space, Add</i>	14.72	
26 05 33 13-0843	EA	4" Intermediate Metal Conduit (IMC) Threaded Coupling	77.79	20.88
		<i>For Elevated Installation >10' To 15', Add</i>	5.22	
		<i>For Elevated Installation >15' To 20', Add</i>	10.44	
		<i>For Elevated Installation >20' To 25', Add</i>	13.05	
		<i>For Elevated Installation >25' To 30', Add</i>	18.26	
		<i>For Elevated Installation >30' To 35', Add</i>	20.87	
		<i>For Elevated Installation >35' To 40', Add</i>	26.09	
		<i>For Elevated Installation >40', Add</i>	28.70	
		<i>For Work In Restricted Working Space, Add</i>	15.65	
26 05 33 13-0844		Intermediate Metal Conduit (IMC) Reducer Bushings (26 05 33 13-0744)		
26 05 33 13-0845	EA	1/2" To 3/4" Intermediate Metal Conduit (IMC) Reducing Bushing	7.09	2.09
		<i>For Elevated Installation >10' To 15', Add</i>	0.52	
		<i>For Elevated Installation >15' To 20', Add</i>	1.04	
		<i>For Elevated Installation >20' To 25', Add</i>	1.31	
		<i>For Elevated Installation >25' To 30', Add</i>	1.83	
		<i>For Elevated Installation >30' To 35', Add</i>	2.09	
		<i>For Elevated Installation >35' To 40', Add</i>	2.61	
		<i>For Elevated Installation >40', Add</i>	2.87	
		<i>For Work In Restricted Working Space, Add</i>	1.57	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0846 EA 3/4" To 1" Intermediate Metal Conduit (IMC) Reducing Bushing	8.16	2.09
For Elevated Installation >10' To 15', Add	0.52	
For Elevated Installation >15' To 20', Add	1.04	
For Elevated Installation >20' To 25', Add	1.31	
For Elevated Installation >25' To 30', Add	1.63	
For Elevated Installation >30' To 35', Add	2.09	
For Elevated Installation >35' To 40', Add	2.61	
For Elevated Installation >40', Add	2.87	
For Work In Restricted Working Space, Add	1.57	
 26 05 33 13-0847 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit <small>(26 05 33 13-0058)</small>		
Note: 40 mil polyvinyl chloride (PVC) coated, 2 mil urethane lined (Ocal Blue, Crouse-Hinds, Appleton or O-Z/Gedney). Used in hazardous locations. Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.		
 26 05 33 13-0848 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit <small>(26 05 33 13-0847)</small>		
Note: Includes field bending for conduit up to 1".		
26 05 33 13-0849 LF 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	12.96	2.93
For Elevated Installation >10' To 15', Add	0.73	
For Elevated Installation >15' To 20', Add	1.46	
For Elevated Installation >20' To 25', Add	1.83	
For Elevated Installation >25' To 30', Add	2.56	
For Elevated Installation >30' To 35', Add	2.92	
For Elevated Installation >35' To 40', Add	3.66	
For Elevated Installation >40', Add	4.02	
For Work In Restricted Working Space, Add	2.19	
For >250 To 500, Deduct	-0.47	
For >500 To 1,000, Deduct	-0.79	
For >1,000, Deduct	-1.11	
26 05 33 13-0850 LF 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	14.89	3.34
For Elevated Installation >10' To 15', Add	0.84	
For Elevated Installation >15' To 20', Add	1.67	
For Elevated Installation >20' To 25', Add	2.09	
For Elevated Installation >25' To 30', Add	2.92	
For Elevated Installation >30' To 35', Add	3.34	
For Elevated Installation >35' To 40', Add	4.18	
For Elevated Installation >40', Add	4.59	
For Work In Restricted Working Space, Add	2.51	
For >250 To 500, Deduct	-0.54	
For >500 To 1,000, Deduct	-0.91	
For >1,000, Deduct	-1.28	
26 05 33 13-0851 LF 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	18.92	4.17
For Elevated Installation >10' To 15', Add	1.04	
For Elevated Installation >15' To 20', Add	2.09	
For Elevated Installation >20' To 25', Add	2.61	
For Elevated Installation >25' To 30', Add	3.65	
For Elevated Installation >30' To 35', Add	4.18	
For Elevated Installation >35' To 40', Add	5.22	
For Elevated Installation >40', Add	5.74	
For Work In Restricted Working Space, Add	3.13	
For >250 To 500, Deduct	-0.69	
For >500 To 1,000, Deduct	-1.16	
For >1,000, Deduct	-1.63	
26 05 33 13-0852 LF 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	23.27	5.01
For Elevated Installation >10' To 15', Add	1.25	
For Elevated Installation >15' To 20', Add	2.50	
For Elevated Installation >20' To 25', Add	3.13	
For Elevated Installation >25' To 30', Add	4.38	
For Elevated Installation >30' To 35', Add	5.01	
For Elevated Installation >35' To 40', Add	6.26	
For Elevated Installation >40', Add	6.89	
For Work In Restricted Working Space, Add	3.76	
For >250 To 500, Deduct	-0.85	
For >500 To 1,000, Deduct	-1.43	
For >1,000, Deduct	-2.01	
26 05 33 13-0853 LF 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	28.72	6.27
For Elevated Installation >10' To 15', Add	1.57	
For Elevated Installation >15' To 20', Add	3.13	
For Elevated Installation >20' To 25', Add	3.92	
For Elevated Installation >25' To 30', Add	5.48	
For Elevated Installation >30' To 35', Add	6.26	
For Elevated Installation >35' To 40', Add	7.83	
For Elevated Installation >40', Add	8.61	
For Work In Restricted Working Space, Add	4.70	
For >250 To 500, Deduct	-1.04	
For >500 To 1,000, Deduct	-1.76	
For >1,000, Deduct	-2.48	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-0854	LF	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	35.81	7.52
		For Elevated Installation >10' To 15', Add	1.88	
		For Elevated Installation >15' To 20', Add	3.76	
		For Elevated Installation >20' To 25', Add	4.70	
		For Elevated Installation >25' To 30', Add	6.58	
		For Elevated Installation >30' To 35', Add	7.52	
		For Elevated Installation >35' To 40', Add	9.40	
		For Elevated Installation >40', Add	10.33	
		For Work In Restricted Working Space, Add	5.64	
		For >250 To 500, Deduct	-1.32	
		For >500 To 1,000, Deduct	-2.22	
		For >1,000, Deduct	-3.11	
26 05 33 13-0855	LF	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	47.73	8.76
		For Elevated Installation >10' To 15', Add	2.19	
		For Elevated Installation >15' To 20', Add	4.38	
		For Elevated Installation >20' To 25', Add	5.48	
		For Elevated Installation >25' To 30', Add	7.67	
		For Elevated Installation >30' To 35', Add	8.77	
		For Elevated Installation >35' To 40', Add	10.96	
		For Elevated Installation >40', Add	12.06	
		For Work In Restricted Working Space, Add	6.58	
		For >250 To 500, Deduct	-1.84	
		For >500 To 1,000, Deduct	-3.03	
		For >1,000, Deduct	-4.23	
26 05 33 13-0856	LF	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	59.69	10.86
		For Elevated Installation >10' To 15', Add	2.71	
		For Elevated Installation >15' To 20', Add	5.43	
		For Elevated Installation >20' To 25', Add	6.79	
		For Elevated Installation >25' To 30', Add	9.50	
		For Elevated Installation >30' To 35', Add	10.86	
		For Elevated Installation >35' To 40', Add	13.57	
		For Elevated Installation >40', Add	14.93	
		For Work In Restricted Working Space, Add	8.14	
		For >250 To 500, Deduct	-2.31	
		For >500 To 1,000, Deduct	-3.80	
		For >1,000, Deduct	-5.29	
26 05 33 13-0857	LF	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	73.22	13.37
		For Elevated Installation >10' To 15', Add	3.34	
		For Elevated Installation >15' To 20', Add	6.68	
		For Elevated Installation >20' To 25', Add	8.35	
		For Elevated Installation >25' To 30', Add	11.69	
		For Elevated Installation >30' To 35', Add	13.36	
		For Elevated Installation >35' To 40', Add	16.70	
		For Elevated Installation >40', Add	18.37	
		For Work In Restricted Working Space, Add	10.02	
		For >250 To 500, Deduct	-2.83	
		For >500 To 1,000, Deduct	-4.66	
		For >1,000, Deduct	-6.49	
26 05 33 13-0858	LF	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	86.61	15.86
		For Elevated Installation >10' To 15', Add	3.97	
		For Elevated Installation >15' To 20', Add	7.93	
		For Elevated Installation >20' To 25', Add	9.92	
		For Elevated Installation >25' To 30', Add	13.88	
		For Elevated Installation >30' To 35', Add	15.87	
		For Elevated Installation >35' To 40', Add	19.84	
		For Elevated Installation >40', Add	21.82	
		For Work In Restricted Working Space, Add	11.90	
		For >250 To 500, Deduct	-3.34	
		For >500 To 1,000, Deduct	-5.50	
		For >1,000, Deduct	-7.67	
26 05 33 13-0859	LF	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	130.17	18.79
		For Elevated Installation >10' To 15', Add	4.70	
		For Elevated Installation >15' To 20', Add	9.40	
		For Elevated Installation >20' To 25', Add	11.75	
		For Elevated Installation >25' To 30', Add	16.44	
		For Elevated Installation >30' To 35', Add	18.79	
		For Elevated Installation >35' To 40', Add	23.49	
		For Elevated Installation >40', Add	25.84	
		For Work In Restricted Working Space, Add	14.09	
		For >250 To 500, Deduct	-5.33	
		For >500 To 1,000, Deduct	-8.59	
		For >1,000, Deduct	-11.84	
26 05 33 13-0860	LF	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	176.63	25.06
		For Elevated Installation >10' To 15', Add	6.26	
		For Elevated Installation >15' To 20', Add	12.53	
		For Elevated Installation >20' To 25', Add	15.66	
		For Elevated Installation >25' To 30', Add	21.92	
		For Elevated Installation >30' To 35', Add	25.05	
		For Elevated Installation >35' To 40', Add	31.32	
		For Elevated Installation >40', Add	34.45	
		For Work In Restricted Working Space, Add	18.79	
		For >250 To 500, Deduct	-7.27	
		For >500 To 1,000, Deduct	-11.68	
		For >1,000, Deduct	-16.10	

 26 05 33 13-0861 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel
 (RGS) Couplings (26 05 33 13-0847)

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0862	EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	18.48	6.27	
	For Elevated Installation >10' To 15', Add	1.25		
	For Elevated Installation >15' To 20', Add	2.50		
	For Elevated Installation >20' To 25', Add	3.13		
	For Elevated Installation >25' To 30', Add	4.38		
	For Elevated Installation >30' To 35', Add	5.01		
	For Elevated Installation >35' To 40', Add	6.26		
	For Elevated Installation >40', Add	6.89		
	For Work In Restricted Working Space, Add	3.76		
26 05 33 13-0863	EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	24.00	8.87	
	For Elevated Installation >10' To 15', Add	1.78		
	For Elevated Installation >15' To 20', Add	3.55		
	For Elevated Installation >20' To 25', Add	4.44		
	For Elevated Installation >25' To 30', Add	6.21		
	For Elevated Installation >30' To 35', Add	7.10		
	For Elevated Installation >35' To 40', Add	8.88		
	For Elevated Installation >40', Add	9.76		
	For Work In Restricted Working Space, Add	5.33		
26 05 33 13-0864	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	31.07	11.48	
	For Elevated Installation >10' To 15', Add	2.30		
	For Elevated Installation >15' To 20', Add	4.59		
	For Elevated Installation >20' To 25', Add	5.74		
	For Elevated Installation >25' To 30', Add	8.04		
	For Elevated Installation >30' To 35', Add	9.18		
	For Elevated Installation >35' To 40', Add	11.48		
	For Elevated Installation >40', Add	12.63		
	For Work In Restricted Working Space, Add	6.89		
26 05 33 13-0865	EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	35.57	13.05	
	For Elevated Installation >10' To 15', Add	2.61		
	For Elevated Installation >15' To 20', Add	5.22		
	For Elevated Installation >20' To 25', Add	6.53		
	For Elevated Installation >25' To 30', Add	9.14		
	For Elevated Installation >30' To 35', Add	10.44		
	For Elevated Installation >35' To 40', Add	13.05		
	For Elevated Installation >40', Add	14.36		
	For Work In Restricted Working Space, Add	7.83		
26 05 33 13-0866	EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	42.56	15.66	
	For Elevated Installation >10' To 15', Add	3.13		
	For Elevated Installation >15' To 20', Add	6.26		
	For Elevated Installation >20' To 25', Add	7.83		
	For Elevated Installation >25' To 30', Add	10.96		
	For Elevated Installation >30' To 35', Add	12.52		
	For Elevated Installation >35' To 40', Add	15.66		
	For Elevated Installation >40', Add	17.22		
	For Work In Restricted Working Space, Add	9.39		
26 05 33 13-0867	EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	51.97	17.75	
	For Elevated Installation >10' To 15', Add	3.55		
	For Elevated Installation >15' To 20', Add	7.10		
	For Elevated Installation >20' To 25', Add	8.88		
	For Elevated Installation >25' To 30', Add	12.43		
	For Elevated Installation >30' To 35', Add	14.20		
	For Elevated Installation >35' To 40', Add	17.75		
	For Elevated Installation >40', Add	19.53		
	For Work In Restricted Working Space, Add	10.65		
26 05 33 13-0868	EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	80.43	17.75	
	For Elevated Installation >10' To 15', Add	3.97		
	For Elevated Installation >15' To 20', Add	7.93		
	For Elevated Installation >20' To 25', Add	9.92		
	For Elevated Installation >25' To 30', Add	13.88		
	For Elevated Installation >30' To 35', Add	15.87		
	For Elevated Installation >35' To 40', Add	19.84		
	For Elevated Installation >40', Add	21.82		
	For Work In Restricted Working Space, Add	11.90		
26 05 33 13-0869	EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	94.39	24.54	
	For Elevated Installation >10' To 15', Add	4.49		
	For Elevated Installation >15' To 20', Add	8.98		
	For Elevated Installation >20' To 25', Add	11.22		
	For Elevated Installation >25' To 30', Add	15.71		
	For Elevated Installation >30' To 35', Add	17.96		
	For Elevated Installation >35' To 40', Add	22.45		
	For Elevated Installation >40', Add	24.69		
	For Work In Restricted Working Space, Add	13.47		
26 05 33 13-0870	EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	112.57	24.54	
	For Elevated Installation >10' To 15', Add	4.91		
	For Elevated Installation >15' To 20', Add	9.81		
	For Elevated Installation >20' To 25', Add	12.27		
	For Elevated Installation >25' To 30', Add	17.17		
	For Elevated Installation >30' To 35', Add	19.62		
	For Elevated Installation >35' To 40', Add	24.53		
	For Elevated Installation >40', Add	26.98		
	For Work In Restricted Working Space, Add	14.72		
26 05 33 13-0871	EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	126.44	26.10	
	For Elevated Installation >10' To 15', Add	5.22		
	For Elevated Installation >15' To 20', Add	10.44		
	For Elevated Installation >20' To 25', Add	13.05		
	For Elevated Installation >25' To 30', Add	18.27		
	For Elevated Installation >30' To 35', Add	20.88		
	For Elevated Installation >35' To 40', Add	26.10		
	For Elevated Installation >40', Add	28.70		
	For Work In Restricted Working Space, Add	15.66		

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-0872	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	304.58	31.31
		<i>For Elevated Installation >10' To 15', Add</i>	6.26	
		<i>For Elevated Installation >15' To 20', Add</i>	12.53	
		<i>For Elevated Installation >20' To 25', Add</i>	15.66	
		<i>For Elevated Installation >25' To 30', Add</i>	21.92	
		<i>For Elevated Installation >30' To 35', Add</i>	25.05	
		<i>For Elevated Installation >35' To 40', Add</i>	31.32	
		<i>For Elevated Installation >40', Add</i>	34.45	
		<i>For Work In Restricted Working Space, Add</i>	18.79	
26 05 33 13-0873	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	343.36	36.54
		<i>For Elevated Installation >10' To 15', Add</i>	7.31	
		<i>For Elevated Installation >15' To 20', Add</i>	14.62	
		<i>For Elevated Installation >20' To 25', Add</i>	18.27	
		<i>For Elevated Installation >25' To 30', Add</i>	25.58	
		<i>For Elevated Installation >30' To 35', Add</i>	29.23	
		<i>For Elevated Installation >35' To 40', Add</i>	36.54	
		<i>For Elevated Installation >40', Add</i>	40.19	
		<i>For Work In Restricted Working Space, Add</i>	21.92	

26 05 33 13-0874 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbows

(26 05 33 13-0847)

Note: 90, 45, or 30 degree.

26 05 33 13-0875	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	54.84	16.97
		<i>For Elevated Installation >10' To 15', Add</i>	3.39	
		<i>For Elevated Installation >15' To 20', Add</i>	6.79	
		<i>For Elevated Installation >20' To 25', Add</i>	8.48	
		<i>For Elevated Installation >25' To 30', Add</i>	11.88	
		<i>For Elevated Installation >30' To 35', Add</i>	13.57	
		<i>For Elevated Installation >35' To 40', Add</i>	16.97	
		<i>For Elevated Installation >40', Add</i>	18.66	
		<i>For Work In Restricted Working Space, Add</i>	10.18	
26 05 33 13-0876	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	63.78	21.04
		<i>For Elevated Installation >10' To 15', Add</i>	4.21	
		<i>For Elevated Installation >15' To 20', Add</i>	8.41	
		<i>For Elevated Installation >20' To 25', Add</i>	10.52	
		<i>For Elevated Installation >25' To 30', Add</i>	14.72	
		<i>For Elevated Installation >30' To 35', Add</i>	16.83	
		<i>For Elevated Installation >35' To 40', Add</i>	21.04	
		<i>For Elevated Installation >40', Add</i>	23.14	
		<i>For Work In Restricted Working Space, Add</i>	12.62	
26 05 33 13-0877	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	76.47	25.78
		<i>For Elevated Installation >10' To 15', Add</i>	5.16	
		<i>For Elevated Installation >15' To 20', Add</i>	10.31	
		<i>For Elevated Installation >20' To 25', Add</i>	12.89	
		<i>For Elevated Installation >25' To 30', Add</i>	18.05	
		<i>For Elevated Installation >30' To 35', Add</i>	20.63	
		<i>For Elevated Installation >35' To 40', Add</i>	25.79	
		<i>For Elevated Installation >40', Add</i>	28.36	
		<i>For Work In Restricted Working Space, Add</i>	15.47	
26 05 33 13-0878	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	90.30	29.85
		<i>For Elevated Installation >10' To 15', Add</i>	5.97	
		<i>For Elevated Installation >15' To 20', Add</i>	11.94	
		<i>For Elevated Installation >20' To 25', Add</i>	14.93	
		<i>For Elevated Installation >25' To 30', Add</i>	20.90	
		<i>For Elevated Installation >30' To 35', Add</i>	23.88	
		<i>For Elevated Installation >35' To 40', Add</i>	29.86	
		<i>For Elevated Installation >40', Add</i>	32.84	
		<i>For Work In Restricted Working Space, Add</i>	17.91	
26 05 33 13-0879	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	105.45	33.93
		<i>For Elevated Installation >10' To 15', Add</i>	6.79	
		<i>For Elevated Installation >15' To 20', Add</i>	13.57	
		<i>For Elevated Installation >20' To 25', Add</i>	16.96	
		<i>For Elevated Installation >25' To 30', Add</i>	23.75	
		<i>For Elevated Installation >30' To 35', Add</i>	27.14	
		<i>For Elevated Installation >35' To 40', Add</i>	33.93	
		<i>For Elevated Installation >40', Add</i>	37.32	
		<i>For Work In Restricted Working Space, Add</i>	20.36	
26 05 33 13-0880	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	127.11	37.32
		<i>For Elevated Installation >10' To 15', Add</i>	7.46	
		<i>For Elevated Installation >15' To 20', Add</i>	14.93	
		<i>For Elevated Installation >20' To 25', Add</i>	18.66	
		<i>For Elevated Installation >25' To 30', Add</i>	26.12	
		<i>For Elevated Installation >30' To 35', Add</i>	29.86	
		<i>For Elevated Installation >35' To 40', Add</i>	37.32	
		<i>For Elevated Installation >40', Add</i>	41.05	
		<i>For Work In Restricted Working Space, Add</i>	22.39	
26 05 33 13-0881	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	192.49	46.82
		<i>For Elevated Installation >10' To 15', Add</i>	9.36	
		<i>For Elevated Installation >15' To 20', Add</i>	18.73	
		<i>For Elevated Installation >20' To 25', Add</i>	23.41	
		<i>For Elevated Installation >25' To 30', Add</i>	32.77	
		<i>For Elevated Installation >30' To 35', Add</i>	37.45	
		<i>For Elevated Installation >35' To 40', Add</i>	46.82	
		<i>For Elevated Installation >40', Add</i>	51.50	
		<i>For Work In Restricted Working Space, Add</i>	28.09	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-0882	EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....	285.53	63.78
	For Elevated Installation >10' To 15', Add	12.76	
	For Elevated Installation >15' To 20', Add	25.51	
	For Elevated Installation >20' To 25', Add	31.89	
	For Elevated Installation >25' To 30', Add	44.65	
	For Elevated Installation >30' To 35', Add	51.02	
	For Elevated Installation >35' To 40', Add	63.78	
	For Elevated Installation >40', Add	70.16	
	For Work In Restricted Working Space, Add	38.27	
26 05 33 13-0883	EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....	351.13	71.92
	For Elevated Installation >10' To 15', Add	14.39	
	For Elevated Installation >15' To 20', Add	28.77	
	For Elevated Installation >20' To 25', Add	35.96	
	For Elevated Installation >25' To 30', Add	50.35	
	For Elevated Installation >30' To 35', Add	57.54	
	For Elevated Installation >35' To 40', Add	71.93	
	For Elevated Installation >40', Add	79.12	
	For Work In Restricted Working Space, Add	43.16	
26 05 33 13-0884	EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....	406.38	93.63
	For Elevated Installation >10' To 15', Add	18.73	
	For Elevated Installation >15' To 20', Add	37.45	
	For Elevated Installation >20' To 25', Add	46.82	
	For Elevated Installation >25' To 30', Add	65.54	
	For Elevated Installation >30' To 35', Add	74.91	
	For Elevated Installation >35' To 40', Add	93.64	
	For Elevated Installation >40', Add	103.00	
	For Work In Restricted Working Space, Add	56.18	
26 05 33 13-0885	EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....	833.36	152.67
	For Elevated Installation >10' To 15', Add	30.53	
	For Elevated Installation >15' To 20', Add	61.07	
	For Elevated Installation >20' To 25', Add	76.34	
	For Elevated Installation >25' To 30', Add	106.87	
	For Elevated Installation >30' To 35', Add	122.14	
	For Elevated Installation >35' To 40', Add	152.67	
	For Elevated Installation >40', Add	167.94	
	For Work In Restricted Working Space, Add	91.60	
26 05 33 13-0886	EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....	1,307.44	229.34
	For Elevated Installation >10' To 15', Add	45.87	
	For Elevated Installation >15' To 20', Add	91.74	
	For Elevated Installation >20' To 25', Add	114.67	
	For Elevated Installation >25' To 30', Add	160.54	
	For Elevated Installation >30' To 35', Add	183.48	
	For Elevated Installation >35' To 40', Add	229.35	
	For Elevated Installation >40', Add	252.28	
	For Work In Restricted Working Space, Add	137.61	
26 05 33 13-0887 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbows <small>(26 05 33 13-0847)</small>			
26 05 33 13-0888	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow.....	125.75	25.78
	For Elevated Installation >10' To 15', Add	5.16	
	For Elevated Installation >15' To 20', Add	10.31	
	For Elevated Installation >20' To 25', Add	12.89	
	For Elevated Installation >25' To 30', Add	18.05	
	For Elevated Installation >30' To 35', Add	20.63	
	For Elevated Installation >35' To 40', Add	25.79	
	For Elevated Installation >40', Add	28.36	
	For Work In Restricted Working Space, Add	15.47	
26 05 33 13-0889	EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow.....	141.76	29.85
	For Elevated Installation >10' To 15', Add	5.97	
	For Elevated Installation >15' To 20', Add	11.94	
	For Elevated Installation >20' To 25', Add	14.93	
	For Elevated Installation >25' To 30', Add	20.90	
	For Elevated Installation >30' To 35', Add	23.88	
	For Elevated Installation >35' To 40', Add	29.86	
	For Elevated Installation >40', Add	32.84	
	For Work In Restricted Working Space, Add	17.91	
26 05 33 13-0890	EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow.....	161.78	33.93
	For Elevated Installation >10' To 15', Add	6.79	
	For Elevated Installation >15' To 20', Add	13.57	
	For Elevated Installation >20' To 25', Add	16.96	
	For Elevated Installation >25' To 30', Add	23.75	
	For Elevated Installation >30' To 35', Add	27.14	
	For Elevated Installation >35' To 40', Add	33.93	
	For Elevated Installation >40', Add	37.32	
	For Work In Restricted Working Space, Add	20.36	
26 05 33 13-0891	EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow.....	192.12	37.32
	For Elevated Installation >10' To 15', Add	7.46	
	For Elevated Installation >15' To 20', Add	14.93	
	For Elevated Installation >20' To 25', Add	18.66	
	For Elevated Installation >25' To 30', Add	26.12	
	For Elevated Installation >30' To 35', Add	29.86	
	For Elevated Installation >35' To 40', Add	37.32	
	For Elevated Installation >40', Add	41.05	
	For Work In Restricted Working Space, Add	22.39	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
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26 05 33 13-0892	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow.....	266.06	46.82
		<i>For Elevated Installation >10' To 15', Add</i>	9.36	
		<i>For Elevated Installation >15' To 20', Add</i>	18.73	
		<i>For Elevated Installation >20' To 25', Add</i>	23.41	
		<i>For Elevated Installation >25' To 30', Add</i>	32.77	
		<i>For Elevated Installation >30' To 35', Add</i>	37.45	
		<i>For Elevated Installation >35' To 40', Add</i>	46.82	
		<i>For Elevated Installation >40', Add</i>	51.50	
		<i>For Work In Restricted Working Space, Add</i>	28.09	

26 05 33 13-0893 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbows (26 05 33 13-0847)

26 05 33 13-0894	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow.....	139.08	25.78
		<i>For Elevated Installation >10' To 15', Add</i>	5.16	
		<i>For Elevated Installation >15' To 20', Add</i>	10.31	
		<i>For Elevated Installation >20' To 25', Add</i>	12.89	
		<i>For Elevated Installation >25' To 30', Add</i>	18.05	
		<i>For Elevated Installation >30' To 35', Add</i>	20.63	
		<i>For Elevated Installation >35' To 40', Add</i>	25.79	
		<i>For Elevated Installation >40', Add</i>	28.36	
		<i>For Work In Restricted Working Space, Add</i>	15.47	
26 05 33 13-0895	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow.....	163.78	29.85
		<i>For Elevated Installation >10' To 15', Add</i>	5.97	
		<i>For Elevated Installation >15' To 20', Add</i>	11.94	
		<i>For Elevated Installation >20' To 25', Add</i>	14.93	
		<i>For Elevated Installation >25' To 30', Add</i>	20.90	
		<i>For Elevated Installation >30' To 35', Add</i>	23.88	
		<i>For Elevated Installation >35' To 40', Add</i>	29.86	
		<i>For Elevated Installation >40', Add</i>	32.84	
		<i>For Work In Restricted Working Space, Add</i>	17.91	
26 05 33 13-0896	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow.....	177.57	33.93
		<i>For Elevated Installation >10' To 15', Add</i>	6.79	
		<i>For Elevated Installation >15' To 20', Add</i>	13.57	
		<i>For Elevated Installation >20' To 25', Add</i>	16.96	
		<i>For Elevated Installation >25' To 30', Add</i>	23.75	
		<i>For Elevated Installation >30' To 35', Add</i>	27.14	
		<i>For Elevated Installation >35' To 40', Add</i>	33.93	
		<i>For Elevated Installation >40', Add</i>	37.32	
		<i>For Work In Restricted Working Space, Add</i>	20.36	
26 05 33 13-0897	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow.....	226.55	37.32
		<i>For Elevated Installation >10' To 15', Add</i>	7.46	
		<i>For Elevated Installation >15' To 20', Add</i>	14.93	
		<i>For Elevated Installation >20' To 25', Add</i>	18.66	
		<i>For Elevated Installation >25' To 30', Add</i>	26.12	
		<i>For Elevated Installation >30' To 35', Add</i>	29.86	
		<i>For Elevated Installation >35' To 40', Add</i>	37.32	
		<i>For Elevated Installation >40', Add</i>	41.05	
		<i>For Work In Restricted Working Space, Add</i>	22.39	
26 05 33 13-0898	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow.....	299.27	46.82
		<i>For Elevated Installation >10' To 15', Add</i>	9.36	
		<i>For Elevated Installation >15' To 20', Add</i>	18.73	
		<i>For Elevated Installation >20' To 25', Add</i>	23.41	
		<i>For Elevated Installation >25' To 30', Add</i>	32.77	
		<i>For Elevated Installation >30' To 35', Add</i>	37.45	
		<i>For Elevated Installation >35' To 40', Add</i>	46.82	
		<i>For Elevated Installation >40', Add</i>	51.50	
		<i>For Work In Restricted Working Space, Add</i>	28.09	
26 05 33 13-0899	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow.....	384.00	63.78
		<i>For Elevated Installation >10' To 15', Add</i>	12.76	
		<i>For Elevated Installation >15' To 20', Add</i>	25.51	
		<i>For Elevated Installation >20' To 25', Add</i>	31.89	
		<i>For Elevated Installation >25' To 30', Add</i>	44.65	
		<i>For Elevated Installation >30' To 35', Add</i>	51.02	
		<i>For Elevated Installation >35' To 40', Add</i>	63.78	
		<i>For Elevated Installation >40', Add</i>	70.16	
		<i>For Work In Restricted Working Space, Add</i>	38.27	

26 05 33 13-0900 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbows (26 05 33 13-0847)

26 05 33 13-0901	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow.....	155.02	25.78
		<i>For Elevated Installation >10' To 15', Add</i>	5.16	
		<i>For Elevated Installation >15' To 20', Add</i>	10.31	
		<i>For Elevated Installation >20' To 25', Add</i>	12.89	
		<i>For Elevated Installation >25' To 30', Add</i>	18.05	
		<i>For Elevated Installation >30' To 35', Add</i>	20.63	
		<i>For Elevated Installation >35' To 40', Add</i>	25.79	
		<i>For Elevated Installation >40', Add</i>	28.36	
		<i>For Work In Restricted Working Space, Add</i>	15.47	
26 05 33 13-0902	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow.....	175.25	29.85
		<i>For Elevated Installation >10' To 15', Add</i>	5.97	
		<i>For Elevated Installation >15' To 20', Add</i>	11.94	
		<i>For Elevated Installation >20' To 25', Add</i>	14.93	
		<i>For Elevated Installation >25' To 30', Add</i>	20.90	
		<i>For Elevated Installation >30' To 35', Add</i>	23.88	
		<i>For Elevated Installation >35' To 40', Add</i>	29.86	
		<i>For Elevated Installation >40', Add</i>	32.84	
		<i>For Work In Restricted Working Space, Add</i>	17.91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-0903 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i>	197.83 6.79 13.57 16.96 23.75 27.14 33.93 37.32 20.36	33.93
26 05 33 13-0904 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i>	237.97 7.46 14.93 18.66 26.12 29.86 37.32 41.05 22.39	37.32
26 05 33 13-0905 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i>	337.42 9.36 18.73 23.41 32.77 37.45 46.82 51.50 28.09	46.82
26 05 33 13-0906 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i>	428.80 12.76 25.51 31.89 44.65 51.02 63.78 70.16 38.27	63.78
26 05 33 13-0907 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i>	538.73 14.39 28.77 35.96 50.35 57.54 71.93 79.12 43.16	71.92
26 05 33 13-0908 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i>	610.76 18.73 37.45 46.82 65.54 74.91 93.64 103.00 56.18	93.63

26 05 33 13-0909 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbows (26 05 33 13-0847)

26 05 33 13-0910 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i>	182.54 5.16 10.31 12.89 18.05 20.63 25.79 28.36 15.47	25.78
26 05 33 13-0911 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i>	202.18 5.97 11.94 14.93 20.90 23.88 29.86 32.84 17.91	29.85
26 05 33 13-0912 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i>	228.40 6.79 13.57 16.96 23.75 27.14 33.93 37.32 20.36	33.93

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-0913	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	281.99	37.32
		<i>For Elevated Installation >10' To 15', Add</i>	7.46	
		<i>For Elevated Installation >15' To 20', Add</i>	14.93	
		<i>For Elevated Installation >20' To 25', Add</i>	18.66	
		<i>For Elevated Installation >25' To 30', Add</i>	26.12	
		<i>For Elevated Installation >30' To 35', Add</i>	29.86	
		<i>For Elevated Installation >35' To 40', Add</i>	37.32	
		<i>For Elevated Installation >40', Add</i>	41.05	
		<i>For Work In Restricted Working Space, Add</i>	22.39	
26 05 33 13-0914	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	405.71	46.82
		<i>For Elevated Installation >10' To 15', Add</i>	9.36	
		<i>For Elevated Installation >15' To 20', Add</i>	18.73	
		<i>For Elevated Installation >20' To 25', Add</i>	23.41	
		<i>For Elevated Installation >25' To 30', Add</i>	32.77	
		<i>For Elevated Installation >30' To 35', Add</i>	37.45	
		<i>For Elevated Installation >35' To 40', Add</i>	46.82	
		<i>For Elevated Installation >40', Add</i>	51.50	
		<i>For Work In Restricted Working Space, Add</i>	28.09	
26 05 33 13-0915	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	504.69	63.78
		<i>For Elevated Installation >10' To 15', Add</i>	12.76	
		<i>For Elevated Installation >15' To 20', Add</i>	25.51	
		<i>For Elevated Installation >20' To 25', Add</i>	31.89	
		<i>For Elevated Installation >25' To 30', Add</i>	44.65	
		<i>For Elevated Installation >30' To 35', Add</i>	51.02	
		<i>For Elevated Installation >35' To 40', Add</i>	63.78	
		<i>For Elevated Installation >40', Add</i>	70.16	
		<i>For Work In Restricted Working Space, Add</i>	38.27	
26 05 33 13-0916	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	585.07	71.92
		<i>For Elevated Installation >10' To 15', Add</i>	14.39	
		<i>For Elevated Installation >15' To 20', Add</i>	28.77	
		<i>For Elevated Installation >20' To 25', Add</i>	35.96	
		<i>For Elevated Installation >25' To 30', Add</i>	50.35	
		<i>For Elevated Installation >30' To 35', Add</i>	57.54	
		<i>For Elevated Installation >35' To 40', Add</i>	71.93	
		<i>For Elevated Installation >40', Add</i>	79.12	
		<i>For Work In Restricted Working Space, Add</i>	43.16	
26 05 33 13-0917	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	695.83	93.63
		<i>For Elevated Installation >10' To 15', Add</i>	18.73	
		<i>For Elevated Installation >15' To 20', Add</i>	37.45	
		<i>For Elevated Installation >20' To 25', Add</i>	46.82	
		<i>For Elevated Installation >25' To 30', Add</i>	65.54	
		<i>For Elevated Installation >30' To 35', Add</i>	74.91	
		<i>For Elevated Installation >35' To 40', Add</i>	93.64	
		<i>For Elevated Installation >40', Add</i>	103.00	
		<i>For Work In Restricted Working Space, Add</i>	56.18	

26 05 33 13-0918 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbows (26 05 33 13-0847)

26 05 33 13-0919	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	203.96	25.78
		<i>For Elevated Installation >10' To 15', Add</i>	5.16	
		<i>For Elevated Installation >15' To 20', Add</i>	10.31	
		<i>For Elevated Installation >20' To 25', Add</i>	12.89	
		<i>For Elevated Installation >25' To 30', Add</i>	18.05	
		<i>For Elevated Installation >30' To 35', Add</i>	20.63	
		<i>For Elevated Installation >35' To 40', Add</i>	25.79	
		<i>For Elevated Installation >40', Add</i>	28.36	
		<i>For Work In Restricted Working Space, Add</i>	15.47	
26 05 33 13-0920	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	227.24	29.85
		<i>For Elevated Installation >10' To 15', Add</i>	5.97	
		<i>For Elevated Installation >15' To 20', Add</i>	11.94	
		<i>For Elevated Installation >20' To 25', Add</i>	14.93	
		<i>For Elevated Installation >25' To 30', Add</i>	20.90	
		<i>For Elevated Installation >30' To 35', Add</i>	23.88	
		<i>For Elevated Installation >35' To 40', Add</i>	29.86	
		<i>For Elevated Installation >40', Add</i>	32.84	
		<i>For Work In Restricted Working Space, Add</i>	17.91	
26 05 33 13-0921	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	258.49	33.93
		<i>For Elevated Installation >10' To 15', Add</i>	6.79	
		<i>For Elevated Installation >15' To 20', Add</i>	13.57	
		<i>For Elevated Installation >20' To 25', Add</i>	16.96	
		<i>For Elevated Installation >25' To 30', Add</i>	23.75	
		<i>For Elevated Installation >30' To 35', Add</i>	27.14	
		<i>For Elevated Installation >35' To 40', Add</i>	33.93	
		<i>For Elevated Installation >40', Add</i>	37.32	
		<i>For Work In Restricted Working Space, Add</i>	20.36	
26 05 33 13-0922	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	320.31	37.32
		<i>For Elevated Installation >10' To 15', Add</i>	7.46	
		<i>For Elevated Installation >15' To 20', Add</i>	14.93	
		<i>For Elevated Installation >20' To 25', Add</i>	18.66	
		<i>For Elevated Installation >25' To 30', Add</i>	26.12	
		<i>For Elevated Installation >30' To 35', Add</i>	29.86	
		<i>For Elevated Installation >35' To 40', Add</i>	37.32	
		<i>For Elevated Installation >40', Add</i>	41.05	
		<i>For Work In Restricted Working Space, Add</i>	22.39	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-0923	EA	2-1/2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	442.97	46.82
			<i>For Elevated Installation >10' To 15', Add</i>	9.36	
			<i>For Elevated Installation >15' To 20', Add</i>	18.73	
			<i>For Elevated Installation >20' To 25', Add</i>	23.41	
			<i>For Elevated Installation >25' To 30', Add</i>	32.77	
			<i>For Elevated Installation >30' To 35', Add</i>	37.45	
			<i>For Elevated Installation >35' To 40', Add</i>	46.82	
			<i>For Elevated Installation >40', Add</i>	51.50	
			<i>For Work In Restricted Working Space, Add</i>	28.09	
			26 05 33 13-0924	EA		3"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	565.40	63.78
<i>For Elevated Installation >10' To 15', Add</i>	12.76				
<i>For Elevated Installation >15' To 20', Add</i>	25.51				
<i>For Elevated Installation >20' To 25', Add</i>	31.89				
<i>For Elevated Installation >25' To 30', Add</i>	44.65				
<i>For Elevated Installation >30' To 35', Add</i>	51.02				
<i>For Elevated Installation >35' To 40', Add</i>	63.78				
<i>For Elevated Installation >40', Add</i>	70.16				
<i>For Work In Restricted Working Space, Add</i>	38.27				
26 05 33 13-0925	EA	3-1/2"			Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....		697.74	71.92
			<i>For Elevated Installation >10' To 15', Add</i>	14.39	
			<i>For Elevated Installation >15' To 20', Add</i>	28.77	
			<i>For Elevated Installation >20' To 25', Add</i>	35.96	
			<i>For Elevated Installation >25' To 30', Add</i>	50.35	
			<i>For Elevated Installation >30' To 35', Add</i>	57.54	
			<i>For Elevated Installation >35' To 40', Add</i>	71.93	
			<i>For Elevated Installation >40', Add</i>	79.12	
			<i>For Work In Restricted Working Space, Add</i>	43.16	
			26 05 33 13-0926	EA	4"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	773.92		93.63
<i>For Elevated Installation >10' To 15', Add</i>	18.73				
<i>For Elevated Installation >15' To 20', Add</i>	37.45				
<i>For Elevated Installation >20' To 25', Add</i>	46.82				
<i>For Elevated Installation >25' To 30', Add</i>	65.54				
<i>For Elevated Installation >30' To 35', Add</i>	74.91				
<i>For Elevated Installation >35' To 40', Add</i>	93.64				
<i>For Elevated Installation >40', Add</i>	103.00				
<i>For Work In Restricted Working Space, Add</i>	56.18				
26 05 33 13-0927	EA	5"				Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	1,289.26	152.67
			<i>For Elevated Installation >10' To 15', Add</i>	30.53	
			<i>For Elevated Installation >15' To 20', Add</i>	61.07	
			<i>For Elevated Installation >20' To 25', Add</i>	76.34	
			<i>For Elevated Installation >25' To 30', Add</i>	106.87	
			<i>For Elevated Installation >30' To 35', Add</i>	122.14	
			<i>For Elevated Installation >35' To 40', Add</i>	152.67	
			<i>For Elevated Installation >40', Add</i>	167.94	
			<i>For Work In Restricted Working Space, Add</i>	91.60	

26 05 33 13-0928 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbows (26 05 33 13-0847)

26 05 33 13-0929	EA	1"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	231.97	25.78
			<i>For Elevated Installation >10' To 15', Add</i>	5.16	
			<i>For Elevated Installation >15' To 20', Add</i>	10.31	
			<i>For Elevated Installation >20' To 25', Add</i>	12.89	
			<i>For Elevated Installation >25' To 30', Add</i>	18.05	
			<i>For Elevated Installation >30' To 35', Add</i>	20.63	
			<i>For Elevated Installation >35' To 40', Add</i>	25.79	
			<i>For Elevated Installation >40', Add</i>	28.36	
			<i>For Work In Restricted Working Space, Add</i>	15.47	
			26 05 33 13-0930	EA		1-1/4"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	257.52	29.85
<i>For Elevated Installation >10' To 15', Add</i>	5.97				
<i>For Elevated Installation >15' To 20', Add</i>	11.94				
<i>For Elevated Installation >20' To 25', Add</i>	14.93				
<i>For Elevated Installation >25' To 30', Add</i>	20.90				
<i>For Elevated Installation >30' To 35', Add</i>	23.88				
<i>For Elevated Installation >35' To 40', Add</i>	29.86				
<i>For Elevated Installation >40', Add</i>	32.84				
<i>For Work In Restricted Working Space, Add</i>	17.91				
26 05 33 13-0931	EA	1-1/2"			Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....		291.48	33.93
			<i>For Elevated Installation >10' To 15', Add</i>	6.79	
			<i>For Elevated Installation >15' To 20', Add</i>	13.57	
			<i>For Elevated Installation >20' To 25', Add</i>	16.96	
			<i>For Elevated Installation >25' To 30', Add</i>	23.75	
			<i>For Elevated Installation >30' To 35', Add</i>	27.14	
			<i>For Elevated Installation >35' To 40', Add</i>	33.93	
			<i>For Elevated Installation >40', Add</i>	37.32	
			<i>For Work In Restricted Working Space, Add</i>	20.36	
			26 05 33 13-0932	EA	2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	362.81		37.32
<i>For Elevated Installation >10' To 15', Add</i>	7.46				
<i>For Elevated Installation >15' To 20', Add</i>	14.93				
<i>For Elevated Installation >20' To 25', Add</i>	18.66				
<i>For Elevated Installation >25' To 30', Add</i>	26.12				
<i>For Elevated Installation >30' To 35', Add</i>	29.86				
<i>For Elevated Installation >35' To 40', Add</i>	37.32				
<i>For Elevated Installation >40', Add</i>	41.05				
<i>For Work In Restricted Working Space, Add</i>	22.39				

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-0933	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	505.05	46.82
		<i>For Elevated Installation >10' To 15', Add</i>	9.36	
		<i>For Elevated Installation >15' To 20', Add</i>	18.73	
		<i>For Elevated Installation >20' To 25', Add</i>	23.41	
		<i>For Elevated Installation >25' To 30', Add</i>	32.77	
		<i>For Elevated Installation >30' To 35', Add</i>	37.45	
		<i>For Elevated Installation >35' To 40', Add</i>	46.82	
		<i>For Elevated Installation >40', Add</i>	51.50	
		<i>For Work In Restricted Working Space, Add</i>	28.09	
26 05 33 13-0934	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	642.74	63.78
		<i>For Elevated Installation >10' To 15', Add</i>	12.76	
		<i>For Elevated Installation >15' To 20', Add</i>	25.51	
		<i>For Elevated Installation >20' To 25', Add</i>	31.89	
		<i>For Elevated Installation >25' To 30', Add</i>	44.65	
		<i>For Elevated Installation >30' To 35', Add</i>	51.02	
		<i>For Elevated Installation >35' To 40', Add</i>	63.78	
		<i>For Elevated Installation >40', Add</i>	70.16	
		<i>For Work In Restricted Working Space, Add</i>	38.27	
26 05 33 13-0935	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	754.19	71.92
		<i>For Elevated Installation >10' To 15', Add</i>	14.39	
		<i>For Elevated Installation >15' To 20', Add</i>	28.77	
		<i>For Elevated Installation >20' To 25', Add</i>	35.96	
		<i>For Elevated Installation >25' To 30', Add</i>	50.35	
		<i>For Elevated Installation >30' To 35', Add</i>	57.54	
		<i>For Elevated Installation >35' To 40', Add</i>	71.93	
		<i>For Elevated Installation >40', Add</i>	79.12	
		<i>For Work In Restricted Working Space, Add</i>	43.16	
26 05 33 13-0936	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	874.74	93.63
		<i>For Elevated Installation >10' To 15', Add</i>	18.73	
		<i>For Elevated Installation >15' To 20', Add</i>	37.45	
		<i>For Elevated Installation >20' To 25', Add</i>	46.82	
		<i>For Elevated Installation >25' To 30', Add</i>	65.54	
		<i>For Elevated Installation >30' To 35', Add</i>	74.91	
		<i>For Elevated Installation >35' To 40', Add</i>	93.64	
		<i>For Elevated Installation >40', Add</i>	103.00	
		<i>For Work In Restricted Working Space, Add</i>	56.18	
26 05 33 13-0937	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	1,359.92	152.67
		<i>For Elevated Installation >10' To 15', Add</i>	30.53	
		<i>For Elevated Installation >15' To 20', Add</i>	61.07	
		<i>For Elevated Installation >20' To 25', Add</i>	76.34	
		<i>For Elevated Installation >25' To 30', Add</i>	106.87	
		<i>For Elevated Installation >30' To 35', Add</i>	122.14	
		<i>For Elevated Installation >35' To 40', Add</i>	152.67	
		<i>For Elevated Installation >40', Add</i>	167.94	
		<i>For Work In Restricted Working Space, Add</i>	91.60	
26 05 33 13-0938	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	1,865.72	229.34
		<i>For Elevated Installation >10' To 15', Add</i>	45.87	
		<i>For Elevated Installation >15' To 20', Add</i>	91.74	
		<i>For Elevated Installation >20' To 25', Add</i>	114.67	
		<i>For Elevated Installation >25' To 30', Add</i>	160.54	
		<i>For Elevated Installation >30' To 35', Add</i>	183.48	
		<i>For Elevated Installation >35' To 40', Add</i>	229.35	
		<i>For Elevated Installation >40', Add</i>	252.28	
		<i>For Work In Restricted Working Space, Add</i>	137.61	

26 05 33 13-0939 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbows

26 05 33 13-0940	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	270.97	25.78
		<i>For Elevated Installation >10' To 15', Add</i>	5.16	
		<i>For Elevated Installation >15' To 20', Add</i>	10.31	
		<i>For Elevated Installation >20' To 25', Add</i>	12.89	
		<i>For Elevated Installation >25' To 30', Add</i>	18.05	
		<i>For Elevated Installation >30' To 35', Add</i>	20.63	
		<i>For Elevated Installation >35' To 40', Add</i>	25.79	
		<i>For Elevated Installation >40', Add</i>	28.36	
		<i>For Work In Restricted Working Space, Add</i>	15.47	
26 05 33 13-0941	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	284.52	29.85
		<i>For Elevated Installation >10' To 15', Add</i>	5.97	
		<i>For Elevated Installation >15' To 20', Add</i>	11.94	
		<i>For Elevated Installation >20' To 25', Add</i>	14.93	
		<i>For Elevated Installation >25' To 30', Add</i>	20.90	
		<i>For Elevated Installation >30' To 35', Add</i>	23.88	
		<i>For Elevated Installation >35' To 40', Add</i>	29.86	
		<i>For Elevated Installation >40', Add</i>	32.84	
		<i>For Work In Restricted Working Space, Add</i>	17.91	
26 05 33 13-0942	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	335.62	33.93
		<i>For Elevated Installation >10' To 15', Add</i>	6.79	
		<i>For Elevated Installation >15' To 20', Add</i>	13.57	
		<i>For Elevated Installation >20' To 25', Add</i>	16.96	
		<i>For Elevated Installation >25' To 30', Add</i>	23.75	
		<i>For Elevated Installation >30' To 35', Add</i>	27.14	
		<i>For Elevated Installation >35' To 40', Add</i>	33.93	
		<i>For Elevated Installation >40', Add</i>	37.32	
		<i>For Work In Restricted Working Space, Add</i>	20.36	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-0943	EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	421.97	37.32
	For Elevated Installation >10' To 15', Add	7.46	
	For Elevated Installation >15' To 20', Add	14.93	
	For Elevated Installation >20' To 25', Add	18.66	
	For Elevated Installation >25' To 30', Add	26.12	
	For Elevated Installation >30' To 35', Add	29.86	
	For Elevated Installation >35' To 40', Add	37.32	
	For Elevated Installation >40', Add	41.05	
	For Work In Restricted Working Space, Add	22.39	
26 05 33 13-0944	EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	588.78	46.82
	For Elevated Installation >10' To 15', Add	9.36	
	For Elevated Installation >15' To 20', Add	18.73	
	For Elevated Installation >20' To 25', Add	23.41	
	For Elevated Installation >25' To 30', Add	32.77	
	For Elevated Installation >30' To 35', Add	37.46	
	For Elevated Installation >35' To 40', Add	46.82	
	For Elevated Installation >40', Add	51.50	
	For Work In Restricted Working Space, Add	28.09	
26 05 33 13-0945	EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	747.01	63.78
	For Elevated Installation >10' To 15', Add	12.76	
	For Elevated Installation >15' To 20', Add	25.51	
	For Elevated Installation >20' To 25', Add	31.89	
	For Elevated Installation >25' To 30', Add	44.65	
	For Elevated Installation >30' To 35', Add	51.02	
	For Elevated Installation >35' To 40', Add	63.78	
	For Elevated Installation >40', Add	70.16	
	For Work In Restricted Working Space, Add	38.27	
26 05 33 13-0946	EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	911.15	71.92
	For Elevated Installation >10' To 15', Add	14.39	
	For Elevated Installation >15' To 20', Add	28.77	
	For Elevated Installation >20' To 25', Add	35.96	
	For Elevated Installation >25' To 30', Add	50.35	
	For Elevated Installation >30' To 35', Add	57.54	
	For Elevated Installation >35' To 40', Add	71.93	
	For Elevated Installation >40', Add	79.12	
	For Work In Restricted Working Space, Add	43.16	
26 05 33 13-0947	EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	1,070.86	93.63
	For Elevated Installation >10' To 15', Add	18.73	
	For Elevated Installation >15' To 20', Add	37.45	
	For Elevated Installation >20' To 25', Add	46.82	
	For Elevated Installation >25' To 30', Add	65.54	
	For Elevated Installation >30' To 35', Add	74.91	
	For Elevated Installation >35' To 40', Add	93.64	
	For Elevated Installation >40', Add	103.00	
	For Work In Restricted Working Space, Add	56.18	
26 05 33 13-0948	EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	1,590.38	152.67
	For Elevated Installation >10' To 15', Add	30.53	
	For Elevated Installation >15' To 20', Add	61.07	
	For Elevated Installation >20' To 25', Add	76.34	
	For Elevated Installation >25' To 30', Add	106.87	
	For Elevated Installation >30' To 35', Add	122.14	
	For Elevated Installation >35' To 40', Add	152.67	
	For Elevated Installation >40', Add	167.94	
	For Work In Restricted Working Space, Add	91.60	
26 05 33 13-0949	EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	1,971.51	229.34
	For Elevated Installation >10' To 15', Add	45.87	
	For Elevated Installation >15' To 20', Add	91.74	
	For Elevated Installation >20' To 25', Add	114.67	
	For Elevated Installation >25' To 30', Add	160.54	
	For Elevated Installation >30' To 35', Add	183.48	
	For Elevated Installation >35' To 40', Add	229.35	
	For Elevated Installation >40', Add	252.28	
	For Work In Restricted Working Space, Add	137.61	
26 05 33 13-0950	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbows <small>(26 05 33 13-0847)</small>		
26 05 33 13-0951	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	280.36	25.78
	For Elevated Installation >10' To 15', Add	5.16	
	For Elevated Installation >15' To 20', Add	10.31	
	For Elevated Installation >20' To 25', Add	12.89	
	For Elevated Installation >25' To 30', Add	18.05	
	For Elevated Installation >30' To 35', Add	20.63	
	For Elevated Installation >35' To 40', Add	25.79	
	For Elevated Installation >40', Add	28.36	
	For Work In Restricted Working Space, Add	15.47	
26 05 33 13-0952	EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	330.18	29.85
	For Elevated Installation >10' To 15', Add	5.97	
	For Elevated Installation >15' To 20', Add	11.94	
	For Elevated Installation >20' To 25', Add	14.93	
	For Elevated Installation >25' To 30', Add	20.90	
	For Elevated Installation >30' To 35', Add	23.88	
	For Elevated Installation >35' To 40', Add	29.86	
	For Elevated Installation >40', Add	32.84	
	For Work In Restricted Working Space, Add	17.91	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-0953	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	373.79	33.93
		<i>For Elevated Installation >10' To 15', Add</i>	6.79	
		<i>For Elevated Installation >15' To 20', Add</i>	13.57	
		<i>For Elevated Installation >20' To 25', Add</i>	16.96	
		<i>For Elevated Installation >25' To 30', Add</i>	23.75	
		<i>For Elevated Installation >30' To 35', Add</i>	27.14	
		<i>For Elevated Installation >35' To 40', Add</i>	33.93	
		<i>For Elevated Installation >40', Add</i>	37.32	
		<i>For Work In Restricted Working Space, Add</i>	20.36	
26 05 33 13-0954	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	439.77	37.32
		<i>For Elevated Installation >10' To 15', Add</i>	7.46	
		<i>For Elevated Installation >15' To 20', Add</i>	14.93	
		<i>For Elevated Installation >20' To 25', Add</i>	18.66	
		<i>For Elevated Installation >25' To 30', Add</i>	26.12	
		<i>For Elevated Installation >30' To 35', Add</i>	29.86	
		<i>For Elevated Installation >35' To 40', Add</i>	37.32	
		<i>For Elevated Installation >40', Add</i>	41.05	
		<i>For Work In Restricted Working Space, Add</i>	22.39	
26 05 33 13-0955	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	609.69	46.82
		<i>For Elevated Installation >10' To 15', Add</i>	9.36	
		<i>For Elevated Installation >15' To 20', Add</i>	18.73	
		<i>For Elevated Installation >20' To 25', Add</i>	23.41	
		<i>For Elevated Installation >25' To 30', Add</i>	32.77	
		<i>For Elevated Installation >30' To 35', Add</i>	37.46	
		<i>For Elevated Installation >35' To 40', Add</i>	46.82	
		<i>For Elevated Installation >40', Add</i>	51.50	
		<i>For Work In Restricted Working Space, Add</i>	28.09	
26 05 33 13-0956	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	779.07	63.78
		<i>For Elevated Installation >10' To 15', Add</i>	12.76	
		<i>For Elevated Installation >15' To 20', Add</i>	25.51	
		<i>For Elevated Installation >20' To 25', Add</i>	31.89	
		<i>For Elevated Installation >25' To 30', Add</i>	44.65	
		<i>For Elevated Installation >30' To 35', Add</i>	51.02	
		<i>For Elevated Installation >35' To 40', Add</i>	63.78	
		<i>For Elevated Installation >40', Add</i>	70.16	
		<i>For Work In Restricted Working Space, Add</i>	38.27	
26 05 33 13-0957	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	996.63	71.92
		<i>For Elevated Installation >10' To 15', Add</i>	14.39	
		<i>For Elevated Installation >15' To 20', Add</i>	28.77	
		<i>For Elevated Installation >20' To 25', Add</i>	35.96	
		<i>For Elevated Installation >25' To 30', Add</i>	50.35	
		<i>For Elevated Installation >30' To 35', Add</i>	57.54	
		<i>For Elevated Installation >35' To 40', Add</i>	71.93	
		<i>For Elevated Installation >40', Add</i>	79.12	
		<i>For Work In Restricted Working Space, Add</i>	43.16	
26 05 33 13-0958	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	1,115.34	93.63
		<i>For Elevated Installation >10' To 15', Add</i>	18.73	
		<i>For Elevated Installation >15' To 20', Add</i>	37.45	
		<i>For Elevated Installation >20' To 25', Add</i>	46.82	
		<i>For Elevated Installation >25' To 30', Add</i>	65.54	
		<i>For Elevated Installation >30' To 35', Add</i>	74.91	
		<i>For Elevated Installation >35' To 40', Add</i>	93.64	
		<i>For Elevated Installation >40', Add</i>	103.00	
		<i>For Work In Restricted Working Space, Add</i>	56.18	
26 05 33 13-0959	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	1,652.29	152.67
		<i>For Elevated Installation >10' To 15', Add</i>	30.53	
		<i>For Elevated Installation >15' To 20', Add</i>	61.07	
		<i>For Elevated Installation >20' To 25', Add</i>	76.34	
		<i>For Elevated Installation >25' To 30', Add</i>	106.87	
		<i>For Elevated Installation >30' To 35', Add</i>	122.14	
		<i>For Elevated Installation >35' To 40', Add</i>	152.67	
		<i>For Elevated Installation >40', Add</i>	167.94	
		<i>For Work In Restricted Working Space, Add</i>	91.60	
26 05 33 13-0960	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	2,025.26	229.34
		<i>For Elevated Installation >10' To 15', Add</i>	45.87	
		<i>For Elevated Installation >15' To 20', Add</i>	91.74	
		<i>For Elevated Installation >20' To 25', Add</i>	114.67	
		<i>For Elevated Installation >25' To 30', Add</i>	160.54	
		<i>For Elevated Installation >30' To 35', Add</i>	183.48	
		<i>For Elevated Installation >35' To 40', Add</i>	229.35	
		<i>For Elevated Installation >40', Add</i>	252.28	
		<i>For Work In Restricted Working Space, Add</i>	137.61	

26 05 33 13-0961 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fittings

26 05 33 13-0962	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting	104.25	16.97
		<i>For Elevated Installation >10' To 15', Add</i>	3.39	
		<i>For Elevated Installation >15' To 20', Add</i>	6.79	
		<i>For Elevated Installation >20' To 25', Add</i>	8.48	
		<i>For Elevated Installation >25' To 30', Add</i>	11.88	
		<i>For Elevated Installation >30' To 35', Add</i>	13.57	
		<i>For Elevated Installation >35' To 40', Add</i>	16.97	
		<i>For Elevated Installation >40', Add</i>	18.66	
		<i>For Work In Restricted Working Space, Add</i>	10.18	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.18	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST

26 05 33 13-0963	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting.....	127.70	22.39
			<i>For Elevated Installation >10' To 15', Add</i>	4.48	
			<i>For Elevated Installation >15' To 20', Add</i>	8.96	
			<i>For Elevated Installation >20' To 25', Add</i>	11.20	
			<i>For Elevated Installation >25' To 30', Add</i>	15.67	
			<i>For Elevated Installation >30' To 35', Add</i>	17.91	
			<i>For Elevated Installation >35' To 40', Add</i>	22.39	
			<i>For Elevated Installation >40', Add</i>	24.63	
			<i>For Work In Restricted Working Space, Add</i>	13.43	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.43	
26 05 33 13-0964	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting.....	169.99	25.78
			<i>For Elevated Installation >10' To 15', Add</i>	5.16	
			<i>For Elevated Installation >15' To 20', Add</i>	10.31	
			<i>For Elevated Installation >20' To 25', Add</i>	12.89	
			<i>For Elevated Installation >25' To 30', Add</i>	18.05	
			<i>For Elevated Installation >30' To 35', Add</i>	20.63	
			<i>For Elevated Installation >35' To 40', Add</i>	25.79	
			<i>For Elevated Installation >40', Add</i>	28.36	
			<i>For Work In Restricted Working Space, Add</i>	15.47	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.47	
26 05 33 13-0965	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting.....	278.36	29.85
			<i>For Elevated Installation >10' To 15', Add</i>	5.97	
			<i>For Elevated Installation >15' To 20', Add</i>	11.94	
			<i>For Elevated Installation >20' To 25', Add</i>	14.93	
			<i>For Elevated Installation >25' To 30', Add</i>	20.90	
			<i>For Elevated Installation >30' To 35', Add</i>	23.88	
			<i>For Elevated Installation >35' To 40', Add</i>	29.86	
			<i>For Elevated Installation >40', Add</i>	32.84	
			<i>For Work In Restricted Working Space, Add</i>	17.91	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.91	
26 05 33 13-0966	EA		1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting.....	307.41	33.93
			<i>For Elevated Installation >10' To 15', Add</i>	6.79	
			<i>For Elevated Installation >15' To 20', Add</i>	13.57	
			<i>For Elevated Installation >20' To 25', Add</i>	16.96	
			<i>For Elevated Installation >25' To 30', Add</i>	23.75	
			<i>For Elevated Installation >30' To 35', Add</i>	27.14	
			<i>For Elevated Installation >35' To 40', Add</i>	33.93	
			<i>For Elevated Installation >40', Add</i>	37.32	
			<i>For Work In Restricted Working Space, Add</i>	20.36	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.36	
26 05 33 13-0967	EA		2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting.....	388.06	37.32
			<i>For Elevated Installation >10' To 15', Add</i>	7.46	
			<i>For Elevated Installation >15' To 20', Add</i>	14.93	
			<i>For Elevated Installation >20' To 25', Add</i>	18.66	
			<i>For Elevated Installation >25' To 30', Add</i>	26.12	
			<i>For Elevated Installation >30' To 35', Add</i>	29.85	
			<i>For Elevated Installation >35' To 40', Add</i>	37.32	
			<i>For Elevated Installation >40', Add</i>	41.05	
			<i>For Work In Restricted Working Space, Add</i>	22.39	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.39	
26 05 33 13-0968	EA		2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting.....	1,053.74	46.82
			<i>For Elevated Installation >10' To 15', Add</i>	9.36	
			<i>For Elevated Installation >15' To 20', Add</i>	18.73	
			<i>For Elevated Installation >20' To 25', Add</i>	23.41	
			<i>For Elevated Installation >25' To 30', Add</i>	32.77	
			<i>For Elevated Installation >30' To 35', Add</i>	37.45	
			<i>For Elevated Installation >35' To 40', Add</i>	46.82	
			<i>For Elevated Installation >40', Add</i>	51.50	
			<i>For Work In Restricted Working Space, Add</i>	28.09	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.09	
26 05 33 13-0969	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting.....	1,258.21	63.78
			<i>For Elevated Installation >10' To 15', Add</i>	12.76	
			<i>For Elevated Installation >15' To 20', Add</i>	25.51	
			<i>For Elevated Installation >20' To 25', Add</i>	31.89	
			<i>For Elevated Installation >25' To 30', Add</i>	44.65	
			<i>For Elevated Installation >30' To 35', Add</i>	51.03	
			<i>For Elevated Installation >35' To 40', Add</i>	63.79	
			<i>For Elevated Installation >40', Add</i>	70.16	
			<i>For Work In Restricted Working Space, Add</i>	38.27	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.27	
26 05 33 13-0970	EA		4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting.....	1,672.36	93.63
			<i>For Elevated Installation >10' To 15', Add</i>	18.73	
			<i>For Elevated Installation >15' To 20', Add</i>	37.45	
			<i>For Elevated Installation >20' To 25', Add</i>	46.82	
			<i>For Elevated Installation >25' To 30', Add</i>	65.54	
			<i>For Elevated Installation >30' To 35', Add</i>	74.90	
			<i>For Elevated Installation >35' To 40', Add</i>	93.63	
			<i>For Elevated Installation >40', Add</i>	102.99	
			<i>For Work In Restricted Working Space, Add</i>	56.18	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.18	

26 05 33 13-0971 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealight Fittings (26 05 33 13-0847)

26 Electrical

26 05 Common Work Results for Electrical

26 05 33 Raceway and Boxes for Electrical Systems



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-0972	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting.....	99.97	16.97
		<i>For Elevated Installation >10' To 15', Add</i>	3.39	
		<i>For Elevated Installation >15' To 20', Add</i>	6.79	
		<i>For Elevated Installation >20' To 25', Add</i>	8.48	
		<i>For Elevated Installation >25' To 30', Add</i>	11.88	
		<i>For Elevated Installation >30' To 35', Add</i>	13.57	
		<i>For Elevated Installation >35' To 40', Add</i>	16.97	
		<i>For Elevated Installation >40', Add</i>	18.66	
		<i>For Work In Restricted Working Space, Add</i>	10.18	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.18	
26 05 33 13-0973	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting.....	122.87	22.39
		<i>For Elevated Installation >10' To 15', Add</i>	4.48	
		<i>For Elevated Installation >15' To 20', Add</i>	8.96	
		<i>For Elevated Installation >20' To 25', Add</i>	11.20	
		<i>For Elevated Installation >25' To 30', Add</i>	15.67	
		<i>For Elevated Installation >30' To 35', Add</i>	17.91	
		<i>For Elevated Installation >35' To 40', Add</i>	22.39	
		<i>For Elevated Installation >40', Add</i>	24.63	
		<i>For Work In Restricted Working Space, Add</i>	13.43	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.43	
26 05 33 13-0974	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting.....	169.99	25.78
		<i>For Elevated Installation >10' To 15', Add</i>	5.16	
		<i>For Elevated Installation >15' To 20', Add</i>	10.31	
		<i>For Elevated Installation >20' To 25', Add</i>	12.89	
		<i>For Elevated Installation >25' To 30', Add</i>	18.05	
		<i>For Elevated Installation >30' To 35', Add</i>	20.63	
		<i>For Elevated Installation >35' To 40', Add</i>	25.79	
		<i>For Elevated Installation >40', Add</i>	28.36	
		<i>For Work In Restricted Working Space, Add</i>	15.47	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.47	
26 05 33 13-0975	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting.....	275.87	29.85
		<i>For Elevated Installation >10' To 15', Add</i>	5.97	
		<i>For Elevated Installation >15' To 20', Add</i>	11.94	
		<i>For Elevated Installation >20' To 25', Add</i>	14.93	
		<i>For Elevated Installation >25' To 30', Add</i>	20.90	
		<i>For Elevated Installation >30' To 35', Add</i>	23.88	
		<i>For Elevated Installation >35' To 40', Add</i>	29.86	
		<i>For Elevated Installation >40', Add</i>	32.84	
		<i>For Work In Restricted Working Space, Add</i>	17.91	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.91	
26 05 33 13-0976	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting.....	297.39	33.93
		<i>For Elevated Installation >10' To 15', Add</i>	6.79	
		<i>For Elevated Installation >15' To 20', Add</i>	13.57	
		<i>For Elevated Installation >20' To 25', Add</i>	16.96	
		<i>For Elevated Installation >25' To 30', Add</i>	23.75	
		<i>For Elevated Installation >30' To 35', Add</i>	27.14	
		<i>For Elevated Installation >35' To 40', Add</i>	33.93	
		<i>For Elevated Installation >40', Add</i>	37.32	
		<i>For Work In Restricted Working Space, Add</i>	20.36	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.36	
26 05 33 13-0977	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting.....	388.18	37.32
		<i>For Elevated Installation >10' To 15', Add</i>	7.46	
		<i>For Elevated Installation >15' To 20', Add</i>	14.93	
		<i>For Elevated Installation >20' To 25', Add</i>	18.66	
		<i>For Elevated Installation >25' To 30', Add</i>	26.12	
		<i>For Elevated Installation >30' To 35', Add</i>	29.85	
		<i>For Elevated Installation >35' To 40', Add</i>	37.32	
		<i>For Elevated Installation >40', Add</i>	41.05	
		<i>For Work In Restricted Working Space, Add</i>	22.39	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.39	
26 05 33 13-0978	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting.....	1,010.98	46.82
		<i>For Elevated Installation >10' To 15', Add</i>	9.36	
		<i>For Elevated Installation >15' To 20', Add</i>	18.73	
		<i>For Elevated Installation >20' To 25', Add</i>	23.41	
		<i>For Elevated Installation >25' To 30', Add</i>	32.77	
		<i>For Elevated Installation >30' To 35', Add</i>	37.45	
		<i>For Elevated Installation >35' To 40', Add</i>	46.82	
		<i>For Elevated Installation >40', Add</i>	51.50	
		<i>For Work In Restricted Working Space, Add</i>	28.09	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.09	
26 05 33 13-0979	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting.....	1,227.01	63.78
		<i>For Elevated Installation >10' To 15', Add</i>	12.76	
		<i>For Elevated Installation >15' To 20', Add</i>	25.51	
		<i>For Elevated Installation >20' To 25', Add</i>	31.89	
		<i>For Elevated Installation >25' To 30', Add</i>	44.65	
		<i>For Elevated Installation >30' To 35', Add</i>	51.03	
		<i>For Elevated Installation >35' To 40', Add</i>	63.79	
		<i>For Elevated Installation >40', Add</i>	70.16	
		<i>For Work In Restricted Working Space, Add</i>	38.27	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.27	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-0980	EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealight Fitting.....	1,672.28	93.63
	For Elevated Installation >10' To 15', Add	18.73	
	For Elevated Installation >15' To 20', Add	37.45	
	For Elevated Installation >20' To 25', Add	46.82	
	For Elevated Installation >25' To 30', Add	65.54	
	For Elevated Installation >30' To 35', Add	74.90	
	For Elevated Installation >35' To 40', Add	93.63	
	For Elevated Installation >40', Add	102.99	
	For Work In Restricted Working Space, Add	56.18	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	56.18	
26 05 33 13-0981	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealight Fittings <small>(26 05 33 13-0987)</small>		
26 05 33 13-0982	EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealight Fitting	90.51	16.97
	For Elevated Installation >10' To 15', Add	3.39	
	For Elevated Installation >15' To 20', Add	6.79	
	For Elevated Installation >20' To 25', Add	8.48	
	For Elevated Installation >25' To 30', Add	11.88	
	For Elevated Installation >30' To 35', Add	13.57	
	For Elevated Installation >35' To 40', Add	16.97	
	For Elevated Installation >40', Add	18.66	
	For Work In Restricted Working Space, Add	10.18	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.18	
26 05 33 13-0983	EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealight Fitting	108.50	22.39
	For Elevated Installation >10' To 15', Add	4.48	
	For Elevated Installation >15' To 20', Add	8.96	
	For Elevated Installation >20' To 25', Add	11.20	
	For Elevated Installation >25' To 30', Add	15.67	
	For Elevated Installation >30' To 35', Add	17.91	
	For Elevated Installation >35' To 40', Add	22.39	
	For Elevated Installation >40', Add	24.63	
	For Work In Restricted Working Space, Add	13.43	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.43	
26 05 33 13-0984	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealight Fitting	128.00	25.78
	For Elevated Installation >10' To 15', Add	5.16	
	For Elevated Installation >15' To 20', Add	10.31	
	For Elevated Installation >20' To 25', Add	12.89	
	For Elevated Installation >25' To 30', Add	18.05	
	For Elevated Installation >30' To 35', Add	20.63	
	For Elevated Installation >35' To 40', Add	25.79	
	For Elevated Installation >40', Add	28.36	
	For Work In Restricted Working Space, Add	15.47	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.47	
26 05 33 13-0985	EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealight Fitting	181.39	29.85
	For Elevated Installation >10' To 15', Add	5.97	
	For Elevated Installation >15' To 20', Add	11.94	
	For Elevated Installation >20' To 25', Add	14.93	
	For Elevated Installation >25' To 30', Add	20.90	
	For Elevated Installation >30' To 35', Add	23.88	
	For Elevated Installation >35' To 40', Add	29.86	
	For Elevated Installation >40', Add	32.84	
	For Work In Restricted Working Space, Add	17.91	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.91	
26 05 33 13-0986	EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealight Fitting	211.81	33.93
	For Elevated Installation >10' To 15', Add	6.79	
	For Elevated Installation >15' To 20', Add	13.57	
	For Elevated Installation >20' To 25', Add	16.96	
	For Elevated Installation >25' To 30', Add	23.75	
	For Elevated Installation >30' To 35', Add	27.14	
	For Elevated Installation >35' To 40', Add	33.93	
	For Elevated Installation >40', Add	37.32	
	For Work In Restricted Working Space, Add	20.36	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.36	
26 05 33 13-0987	EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealight Fitting	326.34	37.32
	For Elevated Installation >10' To 15', Add	7.46	
	For Elevated Installation >15' To 20', Add	14.93	
	For Elevated Installation >20' To 25', Add	18.66	
	For Elevated Installation >25' To 30', Add	26.12	
	For Elevated Installation >30' To 35', Add	29.85	
	For Elevated Installation >35' To 40', Add	37.32	
	For Elevated Installation >40', Add	41.05	
	For Work In Restricted Working Space, Add	22.39	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	22.39	
26 05 33 13-0988	EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealight Fitting	891.88	46.82
	For Elevated Installation >10' To 15', Add	9.36	
	For Elevated Installation >15' To 20', Add	18.73	
	For Elevated Installation >20' To 25', Add	23.41	
	For Elevated Installation >25' To 30', Add	32.77	
	For Elevated Installation >30' To 35', Add	37.45	
	For Elevated Installation >35' To 40', Add	46.82	
	For Elevated Installation >40', Add	51.50	
	For Work In Restricted Working Space, Add	28.09	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	28.09	

26 Electrical

26 05 Common Work Results for Electrical

26 05 33 Raceway and Boxes for Electrical Systems



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0989	EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	1,004.57	63.78
	<i>For Elevated Installation >10' To 15', Add</i>	12.76	
	<i>For Elevated Installation >15' To 20', Add</i>	25.51	
	<i>For Elevated Installation >20' To 25', Add</i>	31.89	
	<i>For Elevated Installation >25' To 30', Add</i>	44.65	
	<i>For Elevated Installation >30' To 35', Add</i>	51.03	
	<i>For Elevated Installation >35' To 40', Add</i>	63.79	
	<i>For Elevated Installation >40', Add</i>	70.16	
	<i>For Work In Restricted Working Space, Add</i>	38.27	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.27	
26 05 33 13-0990	EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	1,283.61	93.63
	<i>For Elevated Installation >10' To 15', Add</i>	18.73	
	<i>For Elevated Installation >15' To 20', Add</i>	37.45	
	<i>For Elevated Installation >20' To 25', Add</i>	46.82	
	<i>For Elevated Installation >25' To 30', Add</i>	65.54	
	<i>For Elevated Installation >30' To 35', Add</i>	74.90	
	<i>For Elevated Installation >35' To 40', Add</i>	93.63	
	<i>For Elevated Installation >40', Add</i>	102.99	
	<i>For Work In Restricted Working Space, Add</i>	56.18	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.18	
26 05 33 13-0991 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fittings <small>(26 05 33 13-0847)</small>			
26 05 33 13-0992	EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	153.82	16.97
	<i>For Elevated Installation >10' To 15', Add</i>	3.39	
	<i>For Elevated Installation >15' To 20', Add</i>	6.79	
	<i>For Elevated Installation >20' To 25', Add</i>	8.48	
	<i>For Elevated Installation >25' To 30', Add</i>	11.88	
	<i>For Elevated Installation >30' To 35', Add</i>	13.57	
	<i>For Elevated Installation >35' To 40', Add</i>	16.97	
	<i>For Elevated Installation >40', Add</i>	18.66	
	<i>For Work In Restricted Working Space, Add</i>	10.18	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.18	
26 05 33 13-0993	EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	231.63	22.39
	<i>For Elevated Installation >10' To 15', Add</i>	4.48	
	<i>For Elevated Installation >15' To 20', Add</i>	8.96	
	<i>For Elevated Installation >20' To 25', Add</i>	11.20	
	<i>For Elevated Installation >25' To 30', Add</i>	15.67	
	<i>For Elevated Installation >30' To 35', Add</i>	17.91	
	<i>For Elevated Installation >35' To 40', Add</i>	22.39	
	<i>For Elevated Installation >40', Add</i>	24.63	
	<i>For Work In Restricted Working Space, Add</i>	13.43	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.43	
26 05 33 13-0994	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	291.06	25.78
	<i>For Elevated Installation >10' To 15', Add</i>	5.16	
	<i>For Elevated Installation >15' To 20', Add</i>	10.31	
	<i>For Elevated Installation >20' To 25', Add</i>	12.89	
	<i>For Elevated Installation >25' To 30', Add</i>	18.05	
	<i>For Elevated Installation >30' To 35', Add</i>	20.63	
	<i>For Elevated Installation >35' To 40', Add</i>	25.79	
	<i>For Elevated Installation >40', Add</i>	28.36	
	<i>For Work In Restricted Working Space, Add</i>	15.47	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.47	
26 05 33 13-0995	EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	335.98	29.85
	<i>For Elevated Installation >10' To 15', Add</i>	5.97	
	<i>For Elevated Installation >15' To 20', Add</i>	11.94	
	<i>For Elevated Installation >20' To 25', Add</i>	14.93	
	<i>For Elevated Installation >25' To 30', Add</i>	20.90	
	<i>For Elevated Installation >30' To 35', Add</i>	23.88	
	<i>For Elevated Installation >35' To 40', Add</i>	29.86	
	<i>For Elevated Installation >40', Add</i>	32.84	
	<i>For Work In Restricted Working Space, Add</i>	17.91	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.91	
26 05 33 13-0996	EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	381.57	33.93
	<i>For Elevated Installation >10' To 15', Add</i>	6.79	
	<i>For Elevated Installation >15' To 20', Add</i>	13.57	
	<i>For Elevated Installation >20' To 25', Add</i>	16.96	
	<i>For Elevated Installation >25' To 30', Add</i>	23.75	
	<i>For Elevated Installation >30' To 35', Add</i>	27.14	
	<i>For Elevated Installation >35' To 40', Add</i>	33.93	
	<i>For Elevated Installation >40', Add</i>	37.32	
	<i>For Work In Restricted Working Space, Add</i>	20.36	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.36	
26 05 33 13-0997	EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	501.70	37.32
	<i>For Elevated Installation >10' To 15', Add</i>	7.46	
	<i>For Elevated Installation >15' To 20', Add</i>	14.93	
	<i>For Elevated Installation >20' To 25', Add</i>	18.66	
	<i>For Elevated Installation >25' To 30', Add</i>	26.12	
	<i>For Elevated Installation >30' To 35', Add</i>	29.85	
	<i>For Elevated Installation >35' To 40', Add</i>	37.32	
	<i>For Elevated Installation >40', Add</i>	41.05	
	<i>For Work In Restricted Working Space, Add</i>	22.39	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.39	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-0998	EA		2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealight Fitting.....	1,574.31	46.82
			<i>For Elevated Installation >10' To 15', Add</i>	9.36	
			<i>For Elevated Installation >15' To 20', Add</i>	18.73	
			<i>For Elevated Installation >20' To 25', Add</i>	23.41	
			<i>For Elevated Installation >25' To 30', Add</i>	32.77	
			<i>For Elevated Installation >30' To 35', Add</i>	37.45	
			<i>For Elevated Installation >35' To 40', Add</i>	46.82	
			<i>For Elevated Installation >40', Add</i>	51.50	
			<i>For Work In Restricted Working Space, Add</i>	28.09	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.09	
26 05 33 13-0999	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealight Fitting.....	1,838.78	63.78
			<i>For Elevated Installation >10' To 15', Add</i>	12.76	
			<i>For Elevated Installation >15' To 20', Add</i>	25.51	
			<i>For Elevated Installation >20' To 25', Add</i>	31.89	
			<i>For Elevated Installation >25' To 30', Add</i>	44.65	
			<i>For Elevated Installation >30' To 35', Add</i>	51.03	
			<i>For Elevated Installation >35' To 40', Add</i>	63.79	
			<i>For Elevated Installation >40', Add</i>	70.16	
			<i>For Work In Restricted Working Space, Add</i>	38.27	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.27	
26 05 33 13-1000	EA		4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealight Fitting.....	2,261.76	93.63
			<i>For Elevated Installation >10' To 15', Add</i>	18.73	
			<i>For Elevated Installation >15' To 20', Add</i>	37.45	
			<i>For Elevated Installation >20' To 25', Add</i>	46.82	
			<i>For Elevated Installation >25' To 30', Add</i>	65.54	
			<i>For Elevated Installation >30' To 35', Add</i>	74.90	
			<i>For Elevated Installation >35' To 40', Add</i>	93.63	
			<i>For Elevated Installation >40', Add</i>	102.99	
			<i>For Work In Restricted Working Space, Add</i>	56.18	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.18	
26 05 33 13-1001			Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealight Fittings <small>(26 05 33 13-0847)</small>		
26 05 33 13-1002	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealight Fitting.....	170.63	16.97
			<i>For Elevated Installation >10' To 15', Add</i>	3.39	
			<i>For Elevated Installation >15' To 20', Add</i>	6.79	
			<i>For Elevated Installation >20' To 25', Add</i>	8.48	
			<i>For Elevated Installation >25' To 30', Add</i>	11.88	
			<i>For Elevated Installation >30' To 35', Add</i>	13.57	
			<i>For Elevated Installation >35' To 40', Add</i>	16.97	
			<i>For Elevated Installation >40', Add</i>	18.66	
			<i>For Work In Restricted Working Space, Add</i>	10.18	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.18	
26 05 33 13-1003	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealight Fitting.....	247.49	22.39
			<i>For Elevated Installation >10' To 15', Add</i>	4.48	
			<i>For Elevated Installation >15' To 20', Add</i>	8.96	
			<i>For Elevated Installation >20' To 25', Add</i>	11.20	
			<i>For Elevated Installation >25' To 30', Add</i>	15.67	
			<i>For Elevated Installation >30' To 35', Add</i>	17.91	
			<i>For Elevated Installation >35' To 40', Add</i>	22.39	
			<i>For Elevated Installation >40', Add</i>	24.63	
			<i>For Work In Restricted Working Space, Add</i>	13.43	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.43	
26 05 33 13-1004	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealight Fitting.....	294.08	25.78
			<i>For Elevated Installation >10' To 15', Add</i>	5.16	
			<i>For Elevated Installation >15' To 20', Add</i>	10.31	
			<i>For Elevated Installation >20' To 25', Add</i>	12.89	
			<i>For Elevated Installation >25' To 30', Add</i>	18.05	
			<i>For Elevated Installation >30' To 35', Add</i>	20.63	
			<i>For Elevated Installation >35' To 40', Add</i>	25.79	
			<i>For Elevated Installation >40', Add</i>	28.36	
			<i>For Work In Restricted Working Space, Add</i>	15.47	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.47	
26 05 33 13-1005	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealight Fitting.....	340.95	29.85
			<i>For Elevated Installation >10' To 15', Add</i>	5.97	
			<i>For Elevated Installation >15' To 20', Add</i>	11.94	
			<i>For Elevated Installation >20' To 25', Add</i>	14.93	
			<i>For Elevated Installation >25' To 30', Add</i>	20.90	
			<i>For Elevated Installation >30' To 35', Add</i>	23.88	
			<i>For Elevated Installation >35' To 40', Add</i>	29.86	
			<i>For Elevated Installation >40', Add</i>	32.84	
			<i>For Work In Restricted Working Space, Add</i>	17.91	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.91	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-1006	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealight Fitting.....	395.21	33.93
		<i>For Elevated Installation >10' To 15', Add</i>	6.79	
		<i>For Elevated Installation >15' To 20', Add</i>	13.57	
		<i>For Elevated Installation >20' To 25', Add</i>	16.96	
		<i>For Elevated Installation >25' To 30', Add</i>	23.75	
		<i>For Elevated Installation >30' To 35', Add</i>	27.14	
		<i>For Elevated Installation >35' To 40', Add</i>	33.93	
		<i>For Elevated Installation >40', Add</i>	37.32	
		<i>For Work In Restricted Working Space, Add</i>	20.36	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.36	
26 05 33 13-1007	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealight Fitting.....	621.61	37.32
		<i>For Elevated Installation >10' To 15', Add</i>	7.46	
		<i>For Elevated Installation >15' To 20', Add</i>	14.93	
		<i>For Elevated Installation >20' To 25', Add</i>	18.66	
		<i>For Elevated Installation >25' To 30', Add</i>	26.12	
		<i>For Elevated Installation >30' To 35', Add</i>	29.85	
		<i>For Elevated Installation >35' To 40', Add</i>	37.32	
		<i>For Elevated Installation >40', Add</i>	41.05	
		<i>For Work In Restricted Working Space, Add</i>	22.39	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.39	
26 05 33 13-1008	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealight Fitting.....	1,755.24	46.82
		<i>For Elevated Installation >10' To 15', Add</i>	9.36	
		<i>For Elevated Installation >15' To 20', Add</i>	18.73	
		<i>For Elevated Installation >20' To 25', Add</i>	23.41	
		<i>For Elevated Installation >25' To 30', Add</i>	32.77	
		<i>For Elevated Installation >30' To 35', Add</i>	37.45	
		<i>For Elevated Installation >35' To 40', Add</i>	46.82	
		<i>For Elevated Installation >40', Add</i>	51.50	
		<i>For Work In Restricted Working Space, Add</i>	28.09	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.09	
26 05 33 13-1009	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealight Fitting.....	2,470.47	63.78
		<i>For Elevated Installation >10' To 15', Add</i>	12.76	
		<i>For Elevated Installation >15' To 20', Add</i>	25.51	
		<i>For Elevated Installation >20' To 25', Add</i>	31.89	
		<i>For Elevated Installation >25' To 30', Add</i>	44.65	
		<i>For Elevated Installation >30' To 35', Add</i>	51.03	
		<i>For Elevated Installation >35' To 40', Add</i>	63.79	
		<i>For Elevated Installation >40', Add</i>	70.16	
		<i>For Work In Restricted Working Space, Add</i>	38.27	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.27	
26 05 33 13-1010	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealight Fitting.....	2,581.54	93.63
		<i>For Elevated Installation >10' To 15', Add</i>	18.73	
		<i>For Elevated Installation >15' To 20', Add</i>	37.45	
		<i>For Elevated Installation >20' To 25', Add</i>	46.82	
		<i>For Elevated Installation >25' To 30', Add</i>	65.54	
		<i>For Elevated Installation >30' To 35', Add</i>	74.90	
		<i>For Elevated Installation >35' To 40', Add</i>	93.63	
		<i>For Elevated Installation >40', Add</i>	102.99	
		<i>For Work In Restricted Working Space, Add</i>	56.18	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.18	
26 05 33 13-1011		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealight Fittings (26 05 33 13-0847)		
26 05 33 13-1012	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealight Fitting.....	135.30	16.97
		<i>For Elevated Installation >10' To 15', Add</i>	3.39	
		<i>For Elevated Installation >15' To 20', Add</i>	6.79	
		<i>For Elevated Installation >20' To 25', Add</i>	8.48	
		<i>For Elevated Installation >25' To 30', Add</i>	11.88	
		<i>For Elevated Installation >30' To 35', Add</i>	13.57	
		<i>For Elevated Installation >35' To 40', Add</i>	16.97	
		<i>For Elevated Installation >40', Add</i>	18.66	
		<i>For Work In Restricted Working Space, Add</i>	10.18	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.18	
26 05 33 13-1013	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealight Fitting.....	170.78	22.39
		<i>For Elevated Installation >10' To 15', Add</i>	4.48	
		<i>For Elevated Installation >15' To 20', Add</i>	8.96	
		<i>For Elevated Installation >20' To 25', Add</i>	11.20	
		<i>For Elevated Installation >25' To 30', Add</i>	15.67	
		<i>For Elevated Installation >30' To 35', Add</i>	17.91	
		<i>For Elevated Installation >35' To 40', Add</i>	22.39	
		<i>For Elevated Installation >40', Add</i>	24.63	
		<i>For Work In Restricted Working Space, Add</i>	13.43	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.43	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-1014 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	204.54	25.78
For Elevated Installation >10' To 15', Add	5.16	
For Elevated Installation >15' To 20', Add	10.31	
For Elevated Installation >20' To 25', Add	12.89	
For Elevated Installation >25' To 30', Add	18.05	
For Elevated Installation >30' To 35', Add	20.63	
For Elevated Installation >35' To 40', Add	25.79	
For Elevated Installation >40', Add	28.36	
For Work In Restricted Working Space, Add	15.47	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.47	
26 05 33 13-1015 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	226.74	29.85
For Elevated Installation >10' To 15', Add	5.97	
For Elevated Installation >15' To 20', Add	11.94	
For Elevated Installation >20' To 25', Add	14.93	
For Elevated Installation >25' To 30', Add	20.90	
For Elevated Installation >30' To 35', Add	23.88	
For Elevated Installation >35' To 40', Add	29.86	
For Elevated Installation >40', Add	32.84	
For Work In Restricted Working Space, Add	17.91	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.91	
26 05 33 13-1016 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	304.90	33.93
For Elevated Installation >10' To 15', Add	6.79	
For Elevated Installation >15' To 20', Add	13.57	
For Elevated Installation >20' To 25', Add	16.96	
For Elevated Installation >25' To 30', Add	23.75	
For Elevated Installation >30' To 35', Add	27.14	
For Elevated Installation >35' To 40', Add	33.93	
For Elevated Installation >40', Add	37.32	
For Work In Restricted Working Space, Add	20.36	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.36	
26 05 33 13-1017 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	430.22	37.32
For Elevated Installation >10' To 15', Add	7.46	
For Elevated Installation >15' To 20', Add	14.93	
For Elevated Installation >20' To 25', Add	18.66	
For Elevated Installation >25' To 30', Add	26.12	
For Elevated Installation >30' To 35', Add	29.85	
For Elevated Installation >35' To 40', Add	37.32	
For Elevated Installation >40', Add	41.05	
For Work In Restricted Working Space, Add	22.39	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	22.39	
26 05 33 13-1018 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	1,424.45	46.82
For Elevated Installation >10' To 15', Add	9.36	
For Elevated Installation >15' To 20', Add	18.73	
For Elevated Installation >20' To 25', Add	23.41	
For Elevated Installation >25' To 30', Add	32.77	
For Elevated Installation >30' To 35', Add	37.45	
For Elevated Installation >35' To 40', Add	46.82	
For Elevated Installation >40', Add	51.50	
For Work In Restricted Working Space, Add	28.09	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	28.09	
26 05 33 13-1019 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	1,604.45	63.78
For Elevated Installation >10' To 15', Add	12.76	
For Elevated Installation >15' To 20', Add	25.51	
For Elevated Installation >20' To 25', Add	31.89	
For Elevated Installation >25' To 30', Add	44.65	
For Elevated Installation >30' To 35', Add	51.03	
For Elevated Installation >35' To 40', Add	63.79	
For Elevated Installation >40', Add	70.16	
For Work In Restricted Working Space, Add	38.27	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	38.27	
26 05 33 13-1020 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	1,907.96	93.63
For Elevated Installation >10' To 15', Add	18.73	
For Elevated Installation >15' To 20', Add	37.45	
For Elevated Installation >20' To 25', Add	46.82	
For Elevated Installation >25' To 30', Add	65.54	
For Elevated Installation >30' To 35', Add	74.90	
For Elevated Installation >35' To 40', Add	93.63	
For Elevated Installation >40', Add	102.99	
For Work In Restricted Working Space, Add	56.18	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	56.18	

26 05 33 13-1021 Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover (26 05 33 13-0847)
 Note: Suitable for use in hazardous locations. Class I, Div 2.

26 Electrical

26 05 Common Work Results for Electrical

26 05 33 Raceway and Boxes for Electrical Systems

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-1022	EA 1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	123.71	32.57
	For Elevated Installation >10' To 15', Add	6.52	
	For Elevated Installation >15' To 20', Add	13.03	
	For Elevated Installation >20' To 25', Add	16.29	
	For Elevated Installation >25' To 30', Add	22.80	
	For Elevated Installation >30' To 35', Add	26.06	
	For Elevated Installation >35' To 40', Add	32.58	
	For Elevated Installation >40', Add	35.83	
	For Work In Restricted Working Space, Add	19.55	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.55	
26 05 33 13-1023	EA 3/4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	139.56	37.32
	For Elevated Installation >10' To 15', Add	7.46	
	For Elevated Installation >15' To 20', Add	14.93	
	For Elevated Installation >20' To 25', Add	18.66	
	For Elevated Installation >25' To 30', Add	26.12	
	For Elevated Installation >30' To 35', Add	29.85	
	For Elevated Installation >35' To 40', Add	37.32	
	For Elevated Installation >40', Add	41.05	
	For Work In Restricted Working Space, Add	22.39	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	22.39	
26 05 33 13-1024	EA 1" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	172.38	42.75
	For Elevated Installation >10' To 15', Add	8.55	
	For Elevated Installation >15' To 20', Add	17.10	
	For Elevated Installation >20' To 25', Add	21.38	
	For Elevated Installation >25' To 30', Add	29.93	
	For Elevated Installation >30' To 35', Add	34.20	
	For Elevated Installation >35' To 40', Add	42.75	
	For Elevated Installation >40', Add	47.03	
	For Work In Restricted Working Space, Add	25.65	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.65	
26 05 33 13-1025	EA 1-1/4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	225.18	49.53
	For Elevated Installation >10' To 15', Add	9.91	
	For Elevated Installation >15' To 20', Add	19.81	
	For Elevated Installation >20' To 25', Add	24.77	
	For Elevated Installation >25' To 30', Add	34.67	
	For Elevated Installation >30' To 35', Add	39.62	
	For Elevated Installation >35' To 40', Add	49.53	
	For Elevated Installation >40', Add	54.48	
	For Work In Restricted Working Space, Add	29.72	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	29.72	
26 05 33 13-1026	EA 1-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	262.57	54.29
	For Elevated Installation >10' To 15', Add	10.86	
	For Elevated Installation >15' To 20', Add	21.71	
	For Elevated Installation >20' To 25', Add	27.14	
	For Elevated Installation >25' To 30', Add	38.00	
	For Elevated Installation >30' To 35', Add	43.42	
	For Elevated Installation >35' To 40', Add	54.28	
	For Elevated Installation >40', Add	59.71	
	For Work In Restricted Working Space, Add	32.57	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	32.57	
26 05 33 13-1027	EA 2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	357.34	65.14
	For Elevated Installation >10' To 15', Add	13.03	
	For Elevated Installation >15' To 20', Add	26.06	
	For Elevated Installation >20' To 25', Add	32.57	
	For Elevated Installation >25' To 30', Add	45.60	
	For Elevated Installation >30' To 35', Add	52.11	
	For Elevated Installation >35' To 40', Add	65.14	
	For Elevated Installation >40', Add	71.65	
	For Work In Restricted Working Space, Add	39.08	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	39.08	
26 05 33 13-1028	EA 2-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	599.89	91.60
	For Elevated Installation >10' To 15', Add	18.32	
	For Elevated Installation >15' To 20', Add	36.64	
	For Elevated Installation >20' To 25', Add	45.80	
	For Elevated Installation >25' To 30', Add	64.12	
	For Elevated Installation >30' To 35', Add	73.28	
	For Elevated Installation >35' To 40', Add	91.61	
	For Elevated Installation >40', Add	100.77	
	For Work In Restricted Working Space, Add	54.96	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	54.96	
26 05 33 13-1029	EA 3" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	768.44	122.14
	For Elevated Installation >10' To 15', Add	24.43	
	For Elevated Installation >15' To 20', Add	48.86	
	For Elevated Installation >20' To 25', Add	61.07	
	For Elevated Installation >25' To 30', Add	85.50	
	For Elevated Installation >30' To 35', Add	97.71	
	For Elevated Installation >35' To 40', Add	122.14	
	For Elevated Installation >40', Add	134.35	
	For Work In Restricted Working Space, Add	73.28	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	73.28	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-1030	EA	3-1/2"	Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	1,066.89	152.67
			<i>For Elevated Installation >10' To 15', Add</i>	30.53	
			<i>For Elevated Installation >15' To 20', Add</i>	61.07	
			<i>For Elevated Installation >20' To 25', Add</i>	76.34	
			<i>For Elevated Installation >25' To 30', Add</i>	106.87	
			<i>For Elevated Installation >30' To 35', Add</i>	122.14	
			<i>For Elevated Installation >35' To 40', Add</i>	152.67	
			<i>For Elevated Installation >40', Add</i>	167.94	
			<i>For Work In Restricted Working Space, Add</i>	91.60	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	91.60	
26 05 33 13-1031	EA	4"	Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	1,225.49	185.92
			<i>For Elevated Installation >10' To 15', Add</i>	37.18	
			<i>For Elevated Installation >15' To 20', Add</i>	74.37	
			<i>For Elevated Installation >20' To 25', Add</i>	92.96	
			<i>For Elevated Installation >25' To 30', Add</i>	130.14	
			<i>For Elevated Installation >30' To 35', Add</i>	148.74	
			<i>For Elevated Installation >35' To 40', Add</i>	185.92	
			<i>For Elevated Installation >40', Add</i>	204.51	
			<i>For Work In Restricted Working Space, Add</i>	111.55	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	111.55	
26 05 33 13-1032			Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover <small>(26 05 33 13-0847)</small>		
			Note: Suitable for use in hazardous locations. Class I, Div 2.		
26 05 33 13-1033	EA	1/2"	Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	161.63	42.75
			<i>For Elevated Installation >10' To 15', Add</i>	8.55	
			<i>For Elevated Installation >15' To 20', Add</i>	17.10	
			<i>For Elevated Installation >20' To 25', Add</i>	21.37	
			<i>For Elevated Installation >25' To 30', Add</i>	29.92	
			<i>For Elevated Installation >30' To 35', Add</i>	34.20	
			<i>For Elevated Installation >35' To 40', Add</i>	42.75	
			<i>For Elevated Installation >40', Add</i>	47.02	
			<i>For Work In Restricted Working Space, Add</i>	25.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.65	
26 05 33 13-1034	EA	3/4"	Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	184.15	47.50
			<i>For Elevated Installation >10' To 15', Add</i>	9.50	
			<i>For Elevated Installation >15' To 20', Add</i>	19.00	
			<i>For Elevated Installation >20' To 25', Add</i>	23.75	
			<i>For Elevated Installation >25' To 30', Add</i>	33.25	
			<i>For Elevated Installation >30' To 35', Add</i>	38.00	
			<i>For Elevated Installation >35' To 40', Add</i>	47.50	
			<i>For Elevated Installation >40', Add</i>	52.25	
			<i>For Work In Restricted Working Space, Add</i>	28.50	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.50	
26 05 33 13-1035	EA	1"	Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	224.57	52.25
			<i>For Elevated Installation >10' To 15', Add</i>	10.45	
			<i>For Elevated Installation >15' To 20', Add</i>	20.90	
			<i>For Elevated Installation >20' To 25', Add</i>	26.12	
			<i>For Elevated Installation >25' To 30', Add</i>	36.57	
			<i>For Elevated Installation >30' To 35', Add</i>	41.80	
			<i>For Elevated Installation >35' To 40', Add</i>	52.25	
			<i>For Elevated Installation >40', Add</i>	57.47	
			<i>For Work In Restricted Working Space, Add</i>	31.35	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.35	
26 05 33 13-1036	EA	1-1/4"	Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	301.37	59.71
			<i>For Elevated Installation >10' To 15', Add</i>	11.94	
			<i>For Elevated Installation >15' To 20', Add</i>	23.88	
			<i>For Elevated Installation >20' To 25', Add</i>	29.86	
			<i>For Elevated Installation >25' To 30', Add</i>	41.80	
			<i>For Elevated Installation >30' To 35', Add</i>	47.77	
			<i>For Elevated Installation >35' To 40', Add</i>	59.71	
			<i>For Elevated Installation >40', Add</i>	65.68	
			<i>For Work In Restricted Working Space, Add</i>	35.83	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35.83	
26 05 33 13-1037	EA	1-1/2"	Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	355.81	65.14
			<i>For Elevated Installation >10' To 15', Add</i>	13.03	
			<i>For Elevated Installation >15' To 20', Add</i>	26.06	
			<i>For Elevated Installation >20' To 25', Add</i>	32.57	
			<i>For Elevated Installation >25' To 30', Add</i>	45.60	
			<i>For Elevated Installation >30' To 35', Add</i>	52.11	
			<i>For Elevated Installation >35' To 40', Add</i>	65.14	
			<i>For Elevated Installation >40', Add</i>	71.65	
			<i>For Work In Restricted Working Space, Add</i>	39.08	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.08	
26 05 33 13-1038	EA	2"	Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	484.09	80.07
			<i>For Elevated Installation >10' To 15', Add</i>	16.01	
			<i>For Elevated Installation >15' To 20', Add</i>	32.03	
			<i>For Elevated Installation >20' To 25', Add</i>	40.03	
			<i>For Elevated Installation >25' To 30', Add</i>	56.05	
			<i>For Elevated Installation >30' To 35', Add</i>	64.05	
			<i>For Elevated Installation >35' To 40', Add</i>	80.07	
			<i>For Elevated Installation >40', Add</i>	88.07	
			<i>For Work In Restricted Working Space, Add</i>	48.04	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	48.04	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1039			Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover <small>(26 05 33 13-0847)</small>		
			Note: Suitable for use in hazardous locations. Class I, Div 2.		
26 05 33 13-1040	EA		1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	142.23	37.32
			For Elevated Installation >10' To 15', Add	7.46	
			For Elevated Installation >15' To 20', Add	14.93	
			For Elevated Installation >20' To 25', Add	18.66	
			For Elevated Installation >25' To 30', Add	26.12	
			For Elevated Installation >30' To 35', Add	29.86	
			For Elevated Installation >35' To 40', Add	37.32	
			For Elevated Installation >40', Add	41.05	
			For Work In Restricted Working Space, Add	22.39	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	22.39	
26 05 33 13-1041	EA		3/4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	162.33	43.43
			For Elevated Installation >10' To 15', Add	8.69	
			For Elevated Installation >15' To 20', Add	17.37	
			For Elevated Installation >20' To 25', Add	21.71	
			For Elevated Installation >25' To 30', Add	30.40	
			For Elevated Installation >30' To 35', Add	34.74	
			For Elevated Installation >35' To 40', Add	43.43	
			For Elevated Installation >40', Add	47.77	
			For Work In Restricted Working Space, Add	26.06	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.06	
26 05 33 13-1042	EA		1" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	196.13	47.50
			For Elevated Installation >10' To 15', Add	9.50	
			For Elevated Installation >15' To 20', Add	19.00	
			For Elevated Installation >20' To 25', Add	23.75	
			For Elevated Installation >25' To 30', Add	33.25	
			For Elevated Installation >30' To 35', Add	38.00	
			For Elevated Installation >35' To 40', Add	47.50	
			For Elevated Installation >40', Add	52.25	
			For Work In Restricted Working Space, Add	28.50	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	28.50	
26 05 33 13-1043	EA		1-1/4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	250.93	54.29
			For Elevated Installation >10' To 15', Add	10.86	
			For Elevated Installation >15' To 20', Add	21.71	
			For Elevated Installation >20' To 25', Add	27.14	
			For Elevated Installation >25' To 30', Add	38.00	
			For Elevated Installation >30' To 35', Add	43.42	
			For Elevated Installation >35' To 40', Add	54.28	
			For Elevated Installation >40', Add	59.71	
			For Work In Restricted Working Space, Add	32.57	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	32.57	
26 05 33 13-1044	EA		1-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	297.22	59.71
			For Elevated Installation >10' To 15', Add	11.94	
			For Elevated Installation >15' To 20', Add	23.88	
			For Elevated Installation >20' To 25', Add	29.86	
			For Elevated Installation >25' To 30', Add	41.80	
			For Elevated Installation >30' To 35', Add	47.77	
			For Elevated Installation >35' To 40', Add	59.71	
			For Elevated Installation >40', Add	65.68	
			For Work In Restricted Working Space, Add	35.83	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	35.83	
26 05 33 13-1045	EA		2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	397.96	69.89
			For Elevated Installation >10' To 15', Add	13.98	
			For Elevated Installation >15' To 20', Add	27.96	
			For Elevated Installation >20' To 25', Add	34.95	
			For Elevated Installation >25' To 30', Add	48.92	
			For Elevated Installation >30' To 35', Add	55.91	
			For Elevated Installation >35' To 40', Add	69.89	
			For Elevated Installation >40', Add	76.88	
			For Work In Restricted Working Space, Add	41.93	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	41.93	
26 05 33 13-1046	EA		2-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	639.68	101.77
			For Elevated Installation >10' To 15', Add	20.36	
			For Elevated Installation >15' To 20', Add	40.71	
			For Elevated Installation >20' To 25', Add	50.89	
			For Elevated Installation >25' To 30', Add	71.25	
			For Elevated Installation >30' To 35', Add	81.42	
			For Elevated Installation >35' To 40', Add	101.78	
			For Elevated Installation >40', Add	111.96	
			For Work In Restricted Working Space, Add	61.07	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	61.07	
26 05 33 13-1047	EA		3" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	846.59	132.32
			For Elevated Installation >10' To 15', Add	26.46	
			For Elevated Installation >15' To 20', Add	52.92	
			For Elevated Installation >20' To 25', Add	66.16	
			For Elevated Installation >25' To 30', Add	92.62	
			For Elevated Installation >30' To 35', Add	105.85	
			For Elevated Installation >35' To 40', Add	132.31	
			For Elevated Installation >40', Add	145.54	
			For Work In Restricted Working Space, Add	79.39	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	79.39	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-1048	EA	3-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	1,162.17	162.85
		<i>For Elevated Installation >10' To 15', Add</i>	32.57	
		<i>For Elevated Installation >15' To 20', Add</i>	65.14	
		<i>For Elevated Installation >20' To 25', Add</i>	81.42	
		<i>For Elevated Installation >25' To 30', Add</i>	113.99	
		<i>For Elevated Installation >30' To 35', Add</i>	130.28	
		<i>For Elevated Installation >35' To 40', Add</i>	162.85	
		<i>For Elevated Installation >40', Add</i>	179.13	
		<i>For Work In Restricted Working Space, Add</i>	97.71	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	97.71	
26 05 33 13-1049	EA	4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	1,299.68	196.10
		<i>For Elevated Installation >10' To 15', Add</i>	39.22	
		<i>For Elevated Installation >15' To 20', Add</i>	78.44	
		<i>For Elevated Installation >20' To 25', Add</i>	98.05	
		<i>For Elevated Installation >25' To 30', Add</i>	137.27	
		<i>For Elevated Installation >30' To 35', Add</i>	156.88	
		<i>For Elevated Installation >35' To 40', Add</i>	196.11	
		<i>For Elevated Installation >40', Add</i>	215.72	
		<i>For Work In Restricted Working Space, Add</i>	117.66	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	117.66	

26 05 33 13-1050 Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined (26 05 33 13-0847)

26 05 33 13-1051	EA	1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	28.91	4.07
		<i>For Elevated Installation >10' To 15', Add</i>	0.81	
		<i>For Elevated Installation >15' To 20', Add</i>	1.63	
		<i>For Elevated Installation >20' To 25', Add</i>	2.04	
		<i>For Elevated Installation >25' To 30', Add</i>	2.85	
		<i>For Elevated Installation >30' To 35', Add</i>	3.26	
		<i>For Elevated Installation >35' To 40', Add</i>	4.07	
		<i>For Elevated Installation >40', Add</i>	4.48	
		<i>For Work In Restricted Working Space, Add</i>	2.44	
26 05 33 13-1052	EA	3/4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	32.44	4.75
		<i>For Elevated Installation >10' To 15', Add</i>	0.95	
		<i>For Elevated Installation >15' To 20', Add</i>	1.90	
		<i>For Elevated Installation >20' To 25', Add</i>	2.38	
		<i>For Elevated Installation >25' To 30', Add</i>	3.33	
		<i>For Elevated Installation >30' To 35', Add</i>	3.80	
		<i>For Elevated Installation >35' To 40', Add</i>	4.75	
		<i>For Elevated Installation >40', Add</i>	5.23	
		<i>For Work In Restricted Working Space, Add</i>	2.85	
26 05 33 13-1053	EA	1" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	42.30	6.11
		<i>For Elevated Installation >10' To 15', Add</i>	1.22	
		<i>For Elevated Installation >15' To 20', Add</i>	2.44	
		<i>For Elevated Installation >20' To 25', Add</i>	3.05	
		<i>For Elevated Installation >25' To 30', Add</i>	4.27	
		<i>For Elevated Installation >30' To 35', Add</i>	4.88	
		<i>For Elevated Installation >35' To 40', Add</i>	6.11	
		<i>For Elevated Installation >40', Add</i>	6.72	
		<i>For Work In Restricted Working Space, Add</i>	3.66	
26 05 33 13-1054	EA	1-1/4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	54.39	7.46
		<i>For Elevated Installation >10' To 15', Add</i>	1.49	
		<i>For Elevated Installation >15' To 20', Add</i>	2.99	
		<i>For Elevated Installation >20' To 25', Add</i>	3.73	
		<i>For Elevated Installation >25' To 30', Add</i>	5.23	
		<i>For Elevated Installation >30' To 35', Add</i>	5.97	
		<i>For Elevated Installation >35' To 40', Add</i>	7.47	
		<i>For Elevated Installation >40', Add</i>	8.21	
		<i>For Work In Restricted Working Space, Add</i>	4.48	
26 05 33 13-1055	EA	1-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	60.91	8.82
		<i>For Elevated Installation >10' To 15', Add</i>	1.76	
		<i>For Elevated Installation >15' To 20', Add</i>	3.53	
		<i>For Elevated Installation >20' To 25', Add</i>	4.41	
		<i>For Elevated Installation >25' To 30', Add</i>	6.17	
		<i>For Elevated Installation >30' To 35', Add</i>	7.06	
		<i>For Elevated Installation >35' To 40', Add</i>	8.82	
		<i>For Elevated Installation >40', Add</i>	9.70	
		<i>For Work In Restricted Working Space, Add</i>	5.29	
26 05 33 13-1056	EA	2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	75.36	10.18
		<i>For Elevated Installation >10' To 15', Add</i>	2.04	
		<i>For Elevated Installation >15' To 20', Add</i>	4.07	
		<i>For Elevated Installation >20' To 25', Add</i>	5.09	
		<i>For Elevated Installation >25' To 30', Add</i>	7.12	
		<i>For Elevated Installation >30' To 35', Add</i>	8.14	
		<i>For Elevated Installation >35' To 40', Add</i>	10.18	
		<i>For Elevated Installation >40', Add</i>	11.19	
		<i>For Work In Restricted Working Space, Add</i>	6.11	
26 05 33 13-1057	EA	2-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	97.44	11.53
		<i>For Elevated Installation >10' To 15', Add</i>	2.31	
		<i>For Elevated Installation >15' To 20', Add</i>	4.61	
		<i>For Elevated Installation >20' To 25', Add</i>	5.77	
		<i>For Elevated Installation >25' To 30', Add</i>	8.07	
		<i>For Elevated Installation >30' To 35', Add</i>	9.23	
		<i>For Elevated Installation >35' To 40', Add</i>	11.54	
		<i>For Elevated Installation >40', Add</i>	12.69	
		<i>For Work In Restricted Working Space, Add</i>	6.92	

26 Electrical

26 05 Common Work Results for Electrical

26 05 33 Raceway and Boxes for Electrical Systems



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-1058	EA 3" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	106.94	16.28
	For Elevated Installation >10' To 15', Add	3.26	
	For Elevated Installation >15' To 20', Add	6.51	
	For Elevated Installation >20' To 25', Add	8.14	
	For Elevated Installation >25' To 30', Add	11.40	
	For Elevated Installation >30' To 35', Add	13.03	
	For Elevated Installation >35' To 40', Add	16.29	
	For Elevated Installation >40', Add	17.91	
	For Work In Restricted Working Space, Add	9.77	
26 05 33 13-1059	EA 3-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	129.90	18.32
	For Elevated Installation >10' To 15', Add	3.66	
	For Elevated Installation >15' To 20', Add	7.33	
	For Elevated Installation >20' To 25', Add	9.16	
	For Elevated Installation >25' To 30', Add	12.82	
	For Elevated Installation >30' To 35', Add	14.66	
	For Elevated Installation >35' To 40', Add	18.32	
	For Elevated Installation >40', Add	20.15	
	For Work In Restricted Working Space, Add	10.99	
26 05 33 13-1060	EA 4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	139.40	23.07
	For Elevated Installation >10' To 15', Add	4.61	
	For Elevated Installation >15' To 20', Add	9.23	
	For Elevated Installation >20' To 25', Add	11.54	
	For Elevated Installation >25' To 30', Add	16.15	
	For Elevated Installation >30' To 35', Add	18.46	
	For Elevated Installation >35' To 40', Add	23.07	
	For Elevated Installation >40', Add	25.38	
	For Work In Restricted Working Space, Add	13.84	
26 05 33 13-1061 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Bodies <small>(26 05 33 13-0847)</small>			
26 05 33 13-1062	EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	139.44	32.57
	For Elevated Installation >10' To 15', Add	6.51	
	For Elevated Installation >15' To 20', Add	13.03	
	For Elevated Installation >20' To 25', Add	16.29	
	For Elevated Installation >25' To 30', Add	22.80	
	For Elevated Installation >30' To 35', Add	26.06	
	For Elevated Installation >35' To 40', Add	32.57	
	For Elevated Installation >40', Add	35.83	
	For Work In Restricted Working Space, Add	19.54	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.54	
26 05 33 13-1063	EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	154.54	37.32
	For Elevated Installation >10' To 15', Add	7.46	
	For Elevated Installation >15' To 20', Add	14.93	
	For Elevated Installation >20' To 25', Add	18.66	
	For Elevated Installation >25' To 30', Add	26.12	
	For Elevated Installation >30' To 35', Add	29.86	
	For Elevated Installation >35' To 40', Add	37.32	
	For Elevated Installation >40', Add	41.05	
	For Work In Restricted Working Space, Add	22.39	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	22.39	
26 05 33 13-1064	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	180.41	42.75
	For Elevated Installation >10' To 15', Add	8.55	
	For Elevated Installation >15' To 20', Add	17.10	
	For Elevated Installation >20' To 25', Add	21.37	
	For Elevated Installation >25' To 30', Add	29.92	
	For Elevated Installation >30' To 35', Add	34.20	
	For Elevated Installation >35' To 40', Add	42.75	
	For Elevated Installation >40', Add	47.02	
	For Work In Restricted Working Space, Add	25.65	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.65	
26 05 33 13-1065	EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	214.03	49.53
	For Elevated Installation >10' To 15', Add	9.91	
	For Elevated Installation >15' To 20', Add	19.81	
	For Elevated Installation >20' To 25', Add	24.77	
	For Elevated Installation >25' To 30', Add	34.67	
	For Elevated Installation >30' To 35', Add	39.63	
	For Elevated Installation >35' To 40', Add	49.54	
	For Elevated Installation >40', Add	54.49	
	For Work In Restricted Working Space, Add	29.72	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	29.72	
26 05 33 13-1066	EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	265.71	54.29
	For Elevated Installation >10' To 15', Add	10.86	
	For Elevated Installation >15' To 20', Add	21.71	
	For Elevated Installation >20' To 25', Add	27.14	
	For Elevated Installation >25' To 30', Add	38.00	
	For Elevated Installation >30' To 35', Add	43.42	
	For Elevated Installation >35' To 40', Add	54.28	
	For Elevated Installation >40', Add	59.71	
	For Work In Restricted Working Space, Add	32.57	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	32.57	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-1067	EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	321.96	65.14
	For Elevated Installation >10' To 15', Add	13.03	
	For Elevated Installation >15' To 20', Add	26.06	
	For Elevated Installation >20' To 25', Add	32.57	
	For Elevated Installation >25' To 30', Add	45.60	
	For Elevated Installation >30' To 35', Add	52.11	
	For Elevated Installation >35' To 40', Add	65.14	
	For Elevated Installation >40', Add	71.65	
	For Work In Restricted Working Space, Add	39.08	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	39.08	
26 05 33 13-1068	EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	465.99	91.60
	For Elevated Installation >10' To 15', Add	18.32	
	For Elevated Installation >15' To 20', Add	36.64	
	For Elevated Installation >20' To 25', Add	45.80	
	For Elevated Installation >25' To 30', Add	64.12	
	For Elevated Installation >30' To 35', Add	73.28	
	For Elevated Installation >35' To 40', Add	91.60	
	For Elevated Installation >40', Add	100.76	
	For Work In Restricted Working Space, Add	54.96	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	54.96	
26 05 33 13-1069	EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	597.95	122.14
	For Elevated Installation >10' To 15', Add	24.43	
	For Elevated Installation >15' To 20', Add	48.85	
	For Elevated Installation >20' To 25', Add	61.07	
	For Elevated Installation >25' To 30', Add	85.49	
	For Elevated Installation >30' To 35', Add	97.71	
	For Elevated Installation >35' To 40', Add	122.14	
	For Elevated Installation >40', Add	134.35	
	For Work In Restricted Working Space, Add	73.28	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	73.28	
26 05 33 13-1070	EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	1,187.63	152.67
	For Elevated Installation >10' To 15', Add	30.53	
	For Elevated Installation >15' To 20', Add	61.07	
	For Elevated Installation >20' To 25', Add	76.34	
	For Elevated Installation >25' To 30', Add	106.87	
	For Elevated Installation >30' To 35', Add	122.14	
	For Elevated Installation >35' To 40', Add	152.67	
	For Elevated Installation >40', Add	167.94	
	For Work In Restricted Working Space, Add	91.60	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	91.60	
26 05 33 13-1071	EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	1,735.67	185.92
	For Elevated Installation >10' To 15', Add	37.18	
	For Elevated Installation >15' To 20', Add	74.37	
	For Elevated Installation >20' To 25', Add	92.96	
	For Elevated Installation >25' To 30', Add	130.14	
	For Elevated Installation >30' To 35', Add	148.74	
	For Elevated Installation >35' To 40', Add	185.92	
	For Elevated Installation >40', Add	204.51	
	For Work In Restricted Working Space, Add	111.55	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	111.55	
26 05 33 13-1072 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Bodies (26 05 33 13-0847)			
26 05 33 13-1073	EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	236.15	32.57
	For Elevated Installation >10' To 15', Add	6.51	
	For Elevated Installation >15' To 20', Add	13.03	
	For Elevated Installation >20' To 25', Add	16.29	
	For Elevated Installation >25' To 30', Add	22.80	
	For Elevated Installation >30' To 35', Add	26.06	
	For Elevated Installation >35' To 40', Add	32.57	
	For Elevated Installation >40', Add	35.83	
	For Work In Restricted Working Space, Add	19.54	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.54	
26 05 33 13-1074	EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	254.54	37.32
	For Elevated Installation >10' To 15', Add	7.46	
	For Elevated Installation >15' To 20', Add	14.93	
	For Elevated Installation >20' To 25', Add	18.66	
	For Elevated Installation >25' To 30', Add	26.12	
	For Elevated Installation >30' To 35', Add	29.86	
	For Elevated Installation >35' To 40', Add	37.32	
	For Elevated Installation >40', Add	41.05	
	For Work In Restricted Working Space, Add	22.39	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	22.39	
26 05 33 13-1075	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	290.67	42.75
	For Elevated Installation >10' To 15', Add	8.55	
	For Elevated Installation >15' To 20', Add	17.10	
	For Elevated Installation >20' To 25', Add	21.37	
	For Elevated Installation >25' To 30', Add	29.92	
	For Elevated Installation >30' To 35', Add	34.20	
	For Elevated Installation >35' To 40', Add	42.75	
	For Elevated Installation >40', Add	47.02	
	For Work In Restricted Working Space, Add	25.65	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.65	

26 Electrical

26 05 Common Work Results for Electrical

26 05 33 Raceway and Boxes for Electrical Systems

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1076	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	325.55	49.53
			For Elevated Installation >10' To 15', Add	9.91	
			For Elevated Installation >15' To 20', Add	19.81	
			For Elevated Installation >20' To 25', Add	24.77	
			For Elevated Installation >25' To 30', Add	34.67	
			For Elevated Installation >30' To 35', Add	39.63	
			For Elevated Installation >35' To 40', Add	49.54	
			For Elevated Installation >40', Add	54.49	
			For Work In Restricted Working Space, Add	29.72	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	29.72	
26 05 33 13-1077	EA		1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	394.08	54.29
			For Elevated Installation >10' To 15', Add	10.86	
			For Elevated Installation >15' To 20', Add	21.71	
			For Elevated Installation >20' To 25', Add	27.14	
			For Elevated Installation >25' To 30', Add	38.00	
			For Elevated Installation >30' To 35', Add	43.42	
			For Elevated Installation >35' To 40', Add	54.28	
			For Elevated Installation >40', Add	59.71	
			For Work In Restricted Working Space, Add	32.57	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	32.57	
26 05 33 13-1078	EA		2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	444.07	65.14
			For Elevated Installation >10' To 15', Add	13.03	
			For Elevated Installation >15' To 20', Add	26.06	
			For Elevated Installation >20' To 25', Add	32.57	
			For Elevated Installation >25' To 30', Add	45.60	
			For Elevated Installation >30' To 35', Add	52.11	
			For Elevated Installation >35' To 40', Add	65.14	
			For Elevated Installation >40', Add	71.65	
			For Work In Restricted Working Space, Add	39.08	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	39.08	
26 05 33 13-1079	EA		2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	624.75	91.60
			For Elevated Installation >10' To 15', Add	18.32	
			For Elevated Installation >15' To 20', Add	36.64	
			For Elevated Installation >20' To 25', Add	45.80	
			For Elevated Installation >25' To 30', Add	64.12	
			For Elevated Installation >30' To 35', Add	73.28	
			For Elevated Installation >35' To 40', Add	91.60	
			For Elevated Installation >40', Add	100.76	
			For Work In Restricted Working Space, Add	54.96	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	54.96	
26 05 33 13-1080	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	869.85	122.14
			For Elevated Installation >10' To 15', Add	24.43	
			For Elevated Installation >15' To 20', Add	48.85	
			For Elevated Installation >20' To 25', Add	61.07	
			For Elevated Installation >25' To 30', Add	85.49	
			For Elevated Installation >30' To 35', Add	97.71	
			For Elevated Installation >35' To 40', Add	122.14	
			For Elevated Installation >40', Add	134.35	
			For Work In Restricted Working Space, Add	73.28	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	73.28	
26 05 33 13-1081	EA		3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	1,266.59	152.67
			For Elevated Installation >10' To 15', Add	30.53	
			For Elevated Installation >15' To 20', Add	61.07	
			For Elevated Installation >20' To 25', Add	76.34	
			For Elevated Installation >25' To 30', Add	106.87	
			For Elevated Installation >30' To 35', Add	122.14	
			For Elevated Installation >35' To 40', Add	152.67	
			For Elevated Installation >40', Add	167.94	
			For Work In Restricted Working Space, Add	91.60	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	91.60	
26 05 33 13-1082	EA		4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	1,838.99	185.92
			For Elevated Installation >10' To 15', Add	37.18	
			For Elevated Installation >15' To 20', Add	74.37	
			For Elevated Installation >20' To 25', Add	92.96	
			For Elevated Installation >25' To 30', Add	130.14	
			For Elevated Installation >30' To 35', Add	148.74	
			For Elevated Installation >35' To 40', Add	185.92	
			For Elevated Installation >40', Add	204.51	
			For Work In Restricted Working Space, Add	111.55	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	111.55	
26 05 33 13-1083			Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Bodies (26 05 33 13-0847)		
26 05 33 13-1084	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	189.59	32.57
			For Elevated Installation >10' To 15', Add	6.51	
			For Elevated Installation >15' To 20', Add	13.03	
			For Elevated Installation >20' To 25', Add	16.29	
			For Elevated Installation >25' To 30', Add	22.80	
			For Elevated Installation >30' To 35', Add	26.06	
			For Elevated Installation >35' To 40', Add	32.57	
			For Elevated Installation >40', Add	35.83	
			For Work In Restricted Working Space, Add	19.54	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.54	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-1085 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body..... <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	202.40 7.46 14.93 18.66 26.12 29.86 37.32 41.05 22.39 22.39	37.32
26 05 33 13-1086 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body..... <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	232.52 8.55 17.10 21.37 29.92 34.20 42.75 47.02 25.65 25.65	42.75
26 05 33 13-1087 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body..... <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	259.60 9.91 19.81 24.77 34.67 39.63 49.54 54.49 29.72 29.72	49.53
26 05 33 13-1088 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body..... <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	355.68 10.86 21.71 27.14 38.00 43.42 54.28 59.71 32.57 32.57	54.29
26 05 33 13-1089 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body..... <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	446.39 13.03 26.06 32.57 45.60 52.11 65.14 71.65 39.08 39.08	65.14
26 05 33 13-1090 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body..... <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	692.27 18.32 36.64 45.80 64.12 73.28 91.60 100.76 54.96 54.96	91.60
26 05 33 13-1091 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body..... <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,007.22 24.43 48.85 61.07 85.49 97.71 122.14 134.35 73.28 73.28	122.14
26 05 33 13-1092 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body..... <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,266.59 30.53 61.07 76.34 106.87 122.14 152.67 167.94 91.60 91.60	152.67

26 05 33 13-1093 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Bodies (26 05 33 13-0847)

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-1094	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body.....	249.82	32.57
		<i>For Elevated Installation >10' To 15', Add</i>	6.51	
		<i>For Elevated Installation >15' To 20', Add</i>	13.03	
		<i>For Elevated Installation >20' To 25', Add</i>	16.29	
		<i>For Elevated Installation >25' To 30', Add</i>	22.80	
		<i>For Elevated Installation >30' To 35', Add</i>	26.06	
		<i>For Elevated Installation >35' To 40', Add</i>	32.57	
		<i>For Elevated Installation >40', Add</i>	35.83	
		<i>For Work In Restricted Working Space, Add</i>	19.54	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.54	
26 05 33 13-1095	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body.....	277.33	37.32
		<i>For Elevated Installation >10' To 15', Add</i>	7.46	
		<i>For Elevated Installation >15' To 20', Add</i>	14.93	
		<i>For Elevated Installation >20' To 25', Add</i>	18.66	
		<i>For Elevated Installation >25' To 30', Add</i>	26.12	
		<i>For Elevated Installation >30' To 35', Add</i>	29.86	
		<i>For Elevated Installation >35' To 40', Add</i>	37.32	
		<i>For Elevated Installation >40', Add</i>	41.05	
		<i>For Work In Restricted Working Space, Add</i>	22.39	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.39	
26 05 33 13-1096	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body.....	343.41	42.75
		<i>For Elevated Installation >10' To 15', Add</i>	8.55	
		<i>For Elevated Installation >15' To 20', Add</i>	17.10	
		<i>For Elevated Installation >20' To 25', Add</i>	21.37	
		<i>For Elevated Installation >25' To 30', Add</i>	29.92	
		<i>For Elevated Installation >30' To 35', Add</i>	34.20	
		<i>For Elevated Installation >35' To 40', Add</i>	42.75	
		<i>For Elevated Installation >40', Add</i>	47.02	
		<i>For Work In Restricted Working Space, Add</i>	25.65	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.65	
26 05 33 13-1097	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body.....	423.08	49.53
		<i>For Elevated Installation >10' To 15', Add</i>	9.91	
		<i>For Elevated Installation >15' To 20', Add</i>	19.81	
		<i>For Elevated Installation >20' To 25', Add</i>	24.77	
		<i>For Elevated Installation >25' To 30', Add</i>	34.67	
		<i>For Elevated Installation >30' To 35', Add</i>	39.63	
		<i>For Elevated Installation >35' To 40', Add</i>	49.54	
		<i>For Elevated Installation >40', Add</i>	54.49	
		<i>For Work In Restricted Working Space, Add</i>	29.72	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.72	
26 05 33 13-1098	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body.....	586.65	54.29
		<i>For Elevated Installation >10' To 15', Add</i>	10.86	
		<i>For Elevated Installation >15' To 20', Add</i>	21.71	
		<i>For Elevated Installation >20' To 25', Add</i>	27.14	
		<i>For Elevated Installation >25' To 30', Add</i>	38.00	
		<i>For Elevated Installation >30' To 35', Add</i>	43.42	
		<i>For Elevated Installation >35' To 40', Add</i>	54.28	
		<i>For Elevated Installation >40', Add</i>	59.71	
		<i>For Work In Restricted Working Space, Add</i>	32.57	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.57	
26 05 33 13-1099	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body.....	703.10	65.14
		<i>For Elevated Installation >10' To 15', Add</i>	13.03	
		<i>For Elevated Installation >15' To 20', Add</i>	26.06	
		<i>For Elevated Installation >20' To 25', Add</i>	32.57	
		<i>For Elevated Installation >25' To 30', Add</i>	45.60	
		<i>For Elevated Installation >30' To 35', Add</i>	52.11	
		<i>For Elevated Installation >35' To 40', Add</i>	65.14	
		<i>For Elevated Installation >40', Add</i>	71.65	
		<i>For Work In Restricted Working Space, Add</i>	39.08	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.08	

26 05 33 13-1100 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Couplings

26 05 33 13-1101	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling.....	48.73	13.05
		<i>For Elevated Installation >10' To 15', Add</i>	2.61	
		<i>For Elevated Installation >15' To 20', Add</i>	5.22	
		<i>For Elevated Installation >20' To 25', Add</i>	6.53	
		<i>For Elevated Installation >25' To 30', Add</i>	9.14	
		<i>For Elevated Installation >30' To 35', Add</i>	10.44	
		<i>For Elevated Installation >35' To 40', Add</i>	13.05	
		<i>For Elevated Installation >40', Add</i>	14.36	
		<i>For Work In Restricted Working Space, Add</i>	7.83	
26 05 33 13-1102	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling.....	64.46	15.66
		<i>For Elevated Installation >10' To 15', Add</i>	3.13	
		<i>For Elevated Installation >15' To 20', Add</i>	6.26	
		<i>For Elevated Installation >20' To 25', Add</i>	7.83	
		<i>For Elevated Installation >25' To 30', Add</i>	10.96	
		<i>For Elevated Installation >30' To 35', Add</i>	12.52	
		<i>For Elevated Installation >35' To 40', Add</i>	15.66	
		<i>For Elevated Installation >40', Add</i>	17.22	
		<i>For Work In Restricted Working Space, Add</i>	9.39	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1103 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling.....	82.00	20.88
For Elevated Installation >10' To 15', Add	4.18	
For Elevated Installation >15' To 20', Add	8.35	
For Elevated Installation >20' To 25', Add	10.44	
For Elevated Installation >25' To 30', Add	14.61	
For Elevated Installation >30' To 35', Add	16.70	
For Elevated Installation >35' To 40', Add	20.88	
For Elevated Installation >40', Add	22.96	
For Work In Restricted Working Space, Add	12.53	
26 05 33 13-1104 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling.....	112.61	26.10
For Elevated Installation >10' To 15', Add	5.22	
For Elevated Installation >15' To 20', Add	10.44	
For Elevated Installation >20' To 25', Add	13.05	
For Elevated Installation >25' To 30', Add	18.27	
For Elevated Installation >30' To 35', Add	20.88	
For Elevated Installation >35' To 40', Add	26.10	
For Elevated Installation >40', Add	28.70	
For Work In Restricted Working Space, Add	15.66	
26 05 33 13-1105 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling.....	147.51	31.31
For Elevated Installation >10' To 15', Add	6.26	
For Elevated Installation >15' To 20', Add	12.53	
For Elevated Installation >20' To 25', Add	15.66	
For Elevated Installation >25' To 30', Add	21.92	
For Elevated Installation >30' To 35', Add	25.05	
For Elevated Installation >35' To 40', Add	31.32	
For Elevated Installation >40', Add	34.45	
For Work In Restricted Working Space, Add	18.79	
26 05 33 13-1106 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling.....	252.54	36.54
For Elevated Installation >10' To 15', Add	7.31	
For Elevated Installation >15' To 20', Add	14.62	
For Elevated Installation >20' To 25', Add	18.27	
For Elevated Installation >25' To 30', Add	25.58	
For Elevated Installation >30' To 35', Add	29.23	
For Elevated Installation >35' To 40', Add	36.54	
For Elevated Installation >40', Add	40.19	
For Work In Restricted Working Space, Add	21.92	
26 05 33 13-1107 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling.....	366.06	41.75
For Elevated Installation >10' To 15', Add	8.35	
For Elevated Installation >15' To 20', Add	16.70	
For Elevated Installation >20' To 25', Add	20.88	
For Elevated Installation >25' To 30', Add	29.23	
For Elevated Installation >30' To 35', Add	33.40	
For Elevated Installation >35' To 40', Add	41.76	
For Elevated Installation >40', Add	45.93	
For Work In Restricted Working Space, Add	25.05	
26 05 33 13-1108 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling.....	456.28	46.98
For Elevated Installation >10' To 15', Add	9.40	
For Elevated Installation >15' To 20', Add	18.79	
For Elevated Installation >20' To 25', Add	23.49	
For Elevated Installation >25' To 30', Add	32.88	
For Elevated Installation >30' To 35', Add	37.58	
For Elevated Installation >35' To 40', Add	46.98	
For Elevated Installation >40', Add	51.67	
For Work In Restricted Working Space, Add	28.19	
26 05 33 13-1109 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling.....	634.25	54.81
For Elevated Installation >10' To 15', Add	10.96	
For Elevated Installation >15' To 20', Add	21.92	
For Elevated Installation >20' To 25', Add	27.40	
For Elevated Installation >25' To 30', Add	38.36	
For Elevated Installation >30' To 35', Add	43.84	
For Elevated Installation >35' To 40', Add	54.81	
For Elevated Installation >40', Add	60.29	
For Work In Restricted Working Space, Add	32.88	
26 05 33 13-1110 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling.....	769.78	62.63
For Elevated Installation >10' To 15', Add	12.53	
For Elevated Installation >15' To 20', Add	25.05	
For Elevated Installation >20' To 25', Add	31.32	
For Elevated Installation >25' To 30', Add	43.84	
For Elevated Installation >30' To 35', Add	50.11	
For Elevated Installation >35' To 40', Add	62.64	
For Elevated Installation >40', Add	68.90	
For Work In Restricted Working Space, Add	37.58	
26 05 33 13-1111 EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling.....	1,231.95	99.17
For Elevated Installation >10' To 15', Add	19.83	
For Elevated Installation >15' To 20', Add	39.67	
For Elevated Installation >20' To 25', Add	49.58	
For Elevated Installation >25' To 30', Add	69.42	
For Elevated Installation >30' To 35', Add	79.33	
For Elevated Installation >35' To 40', Add	99.17	
For Elevated Installation >40', Add	109.08	
For Work In Restricted Working Space, Add	59.50	
26 05 33 13-1112 EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling.....	1,685.34	151.37
For Elevated Installation >10' To 15', Add	30.27	
For Elevated Installation >15' To 20', Add	60.55	
For Elevated Installation >20' To 25', Add	75.68	
For Elevated Installation >25' To 30', Add	105.96	
For Elevated Installation >30' To 35', Add	121.09	
For Elevated Installation >35' To 40', Add	151.37	
For Elevated Installation >40', Add	166.50	
For Work In Restricted Working Space, Add	90.82	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1113			Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbows <small>(26 05 33 13-0847)</small>		
26 05 33 13-1114	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....	178.97	32.57
			<i>For Elevated Installation >10' To 15', Add</i>	6.51	
			<i>For Elevated Installation >15' To 20', Add</i>	13.03	
			<i>For Elevated Installation >20' To 25', Add</i>	16.29	
			<i>For Elevated Installation >25' To 30', Add</i>	22.80	
			<i>For Elevated Installation >30' To 35', Add</i>	26.06	
			<i>For Elevated Installation >35' To 40', Add</i>	32.57	
			<i>For Elevated Installation >40', Add</i>	35.83	
			<i>For Work In Restricted Working Space, Add</i>	19.54	
26 05 33 13-1115	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....	211.37	35.97
			<i>For Elevated Installation >10' To 15', Add</i>	7.19	
			<i>For Elevated Installation >15' To 20', Add</i>	14.38	
			<i>For Elevated Installation >20' To 25', Add</i>	17.98	
			<i>For Elevated Installation >25' To 30', Add</i>	25.17	
			<i>For Elevated Installation >30' To 35', Add</i>	28.77	
			<i>For Elevated Installation >35' To 40', Add</i>	35.96	
			<i>For Elevated Installation >40', Add</i>	39.56	
			<i>For Work In Restricted Working Space, Add</i>	21.58	
26 05 33 13-1116	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....	233.49	42.75
			<i>For Elevated Installation >10' To 15', Add</i>	8.55	
			<i>For Elevated Installation >15' To 20', Add</i>	17.10	
			<i>For Elevated Installation >20' To 25', Add</i>	21.37	
			<i>For Elevated Installation >25' To 30', Add</i>	29.92	
			<i>For Elevated Installation >30' To 35', Add</i>	34.20	
			<i>For Elevated Installation >35' To 40', Add</i>	42.75	
			<i>For Elevated Installation >40', Add</i>	47.02	
			<i>For Work In Restricted Working Space, Add</i>	25.65	
26 05 33 13-1117	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....	334.58	49.53
			<i>For Elevated Installation >10' To 15', Add</i>	9.91	
			<i>For Elevated Installation >15' To 20', Add</i>	19.81	
			<i>For Elevated Installation >20' To 25', Add</i>	24.77	
			<i>For Elevated Installation >25' To 30', Add</i>	34.67	
			<i>For Elevated Installation >30' To 35', Add</i>	39.63	
			<i>For Elevated Installation >35' To 40', Add</i>	49.54	
			<i>For Elevated Installation >40', Add</i>	54.49	
			<i>For Work In Restricted Working Space, Add</i>	29.72	
26 05 33 13-1118	EA		1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....	440.41	54.29
			<i>For Elevated Installation >10' To 15', Add</i>	10.86	
			<i>For Elevated Installation >15' To 20', Add</i>	21.71	
			<i>For Elevated Installation >20' To 25', Add</i>	27.14	
			<i>For Elevated Installation >25' To 30', Add</i>	38.00	
			<i>For Elevated Installation >30' To 35', Add</i>	43.42	
			<i>For Elevated Installation >35' To 40', Add</i>	54.28	
			<i>For Elevated Installation >40', Add</i>	59.71	
			<i>For Work In Restricted Working Space, Add</i>	32.57	
26 05 33 13-1119	EA		2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....	475.92	65.14
			<i>For Elevated Installation >10' To 15', Add</i>	13.03	
			<i>For Elevated Installation >15' To 20', Add</i>	26.06	
			<i>For Elevated Installation >20' To 25', Add</i>	32.57	
			<i>For Elevated Installation >25' To 30', Add</i>	45.60	
			<i>For Elevated Installation >30' To 35', Add</i>	52.11	
			<i>For Elevated Installation >35' To 40', Add</i>	65.14	
			<i>For Elevated Installation >40', Add</i>	71.65	
			<i>For Work In Restricted Working Space, Add</i>	39.08	
26 05 33 13-1120	EA		2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....	1,118.89	90.24
			<i>For Elevated Installation >10' To 15', Add</i>	18.05	
			<i>For Elevated Installation >15' To 20', Add</i>	36.10	
			<i>For Elevated Installation >20' To 25', Add</i>	45.12	
			<i>For Elevated Installation >25' To 30', Add</i>	63.17	
			<i>For Elevated Installation >30' To 35', Add</i>	72.20	
			<i>For Elevated Installation >35' To 40', Add</i>	90.25	
			<i>For Elevated Installation >40', Add</i>	99.27	
			<i>For Work In Restricted Working Space, Add</i>	54.15	
26 05 33 13-1121	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....	1,182.90	122.14
			<i>For Elevated Installation >10' To 15', Add</i>	24.43	
			<i>For Elevated Installation >15' To 20', Add</i>	48.86	
			<i>For Elevated Installation >20' To 25', Add</i>	61.07	
			<i>For Elevated Installation >25' To 30', Add</i>	85.50	
			<i>For Elevated Installation >30' To 35', Add</i>	97.71	
			<i>For Elevated Installation >35' To 40', Add</i>	122.14	
			<i>For Elevated Installation >40', Add</i>	134.35	
			<i>For Work In Restricted Working Space, Add</i>	73.28	
26 05 33 13-1122	EA		3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....	1,931.20	152.67
			<i>For Elevated Installation >10' To 15', Add</i>	30.54	
			<i>For Elevated Installation >15' To 20', Add</i>	61.07	
			<i>For Elevated Installation >20' To 25', Add</i>	76.34	
			<i>For Elevated Installation >25' To 30', Add</i>	106.87	
			<i>For Elevated Installation >30' To 35', Add</i>	122.14	
			<i>For Elevated Installation >35' To 40', Add</i>	152.68	
			<i>For Elevated Installation >40', Add</i>	167.94	
			<i>For Work In Restricted Working Space, Add</i>	91.61	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1123 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....	2,013.48	185.92
For Elevated Installation >10' To 15', Add	37.19	
For Elevated Installation >15' To 20', Add	74.37	
For Elevated Installation >20' To 25', Add	92.97	
For Elevated Installation >25' To 30', Add	130.15	
For Elevated Installation >30' To 35', Add	148.74	
For Elevated Installation >35' To 40', Add	185.93	
For Elevated Installation >40', Add	204.52	
For Work In Restricted Working Space, Add	111.56	
26 05 33 13-1124 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbows <small>(26 05 33 13-0847)</small>		
26 05 33 13-1125 EA 1 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow.....	259.98	32.57
For Elevated Installation >10' To 15', Add	6.51	
For Elevated Installation >15' To 20', Add	13.03	
For Elevated Installation >20' To 25', Add	16.29	
For Elevated Installation >25' To 30', Add	22.80	
For Elevated Installation >30' To 35', Add	26.06	
For Elevated Installation >35' To 40', Add	32.57	
For Elevated Installation >40', Add	35.83	
For Work In Restricted Working Space, Add	19.54	
26 05 33 13-1126 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow.....	296.19	37.32
For Elevated Installation >10' To 15', Add	7.46	
For Elevated Installation >15' To 20', Add	14.93	
For Elevated Installation >20' To 25', Add	18.66	
For Elevated Installation >25' To 30', Add	26.12	
For Elevated Installation >30' To 35', Add	29.86	
For Elevated Installation >35' To 40', Add	37.32	
For Elevated Installation >40', Add	41.05	
For Work In Restricted Working Space, Add	22.39	
26 05 33 13-1127 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow.....	582.00	42.75
For Elevated Installation >10' To 15', Add	8.55	
For Elevated Installation >15' To 20', Add	17.10	
For Elevated Installation >20' To 25', Add	21.37	
For Elevated Installation >25' To 30', Add	29.92	
For Elevated Installation >30' To 35', Add	34.20	
For Elevated Installation >35' To 40', Add	42.75	
For Elevated Installation >40', Add	47.02	
For Work In Restricted Working Space, Add	25.65	
26 05 33 13-1128 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow.....	610.92	49.53
For Elevated Installation >10' To 15', Add	9.91	
For Elevated Installation >15' To 20', Add	19.81	
For Elevated Installation >20' To 25', Add	24.77	
For Elevated Installation >25' To 30', Add	34.67	
For Elevated Installation >30' To 35', Add	39.63	
For Elevated Installation >35' To 40', Add	49.54	
For Elevated Installation >40', Add	54.49	
For Work In Restricted Working Space, Add	29.72	
26 05 33 13-1129 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow.....	834.06	54.29
For Elevated Installation >10' To 15', Add	10.86	
For Elevated Installation >15' To 20', Add	21.71	
For Elevated Installation >20' To 25', Add	27.14	
For Elevated Installation >25' To 30', Add	38.00	
For Elevated Installation >30' To 35', Add	43.42	
For Elevated Installation >35' To 40', Add	54.28	
For Elevated Installation >40', Add	59.71	
For Work In Restricted Working Space, Add	32.57	
26 05 33 13-1130 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow.....	890.19	65.14
For Elevated Installation >10' To 15', Add	13.03	
For Elevated Installation >15' To 20', Add	26.06	
For Elevated Installation >20' To 25', Add	32.57	
For Elevated Installation >25' To 30', Add	45.60	
For Elevated Installation >30' To 35', Add	52.11	
For Elevated Installation >35' To 40', Add	65.14	
For Elevated Installation >40', Add	71.65	
For Work In Restricted Working Space, Add	39.08	
26 05 33 13-1131 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow.....	1,709.08	91.60
For Elevated Installation >10' To 15', Add	18.32	
For Elevated Installation >15' To 20', Add	36.64	
For Elevated Installation >20' To 25', Add	45.80	
For Elevated Installation >25' To 30', Add	64.12	
For Elevated Installation >30' To 35', Add	73.28	
For Elevated Installation >35' To 40', Add	91.60	
For Elevated Installation >40', Add	100.76	
For Work In Restricted Working Space, Add	54.96	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
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 UNIT COST UNIT COST

26 05 33 13-1132	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow.....	1,800.31	122.14
		<i>For Elevated Installation >10' To 15', Add</i>	24.43	
		<i>For Elevated Installation >15' To 20', Add</i>	48.85	
		<i>For Elevated Installation >20' To 25', Add</i>	61.07	
		<i>For Elevated Installation >25' To 30', Add</i>	85.49	
		<i>For Elevated Installation >30' To 35', Add</i>	97.71	
		<i>For Elevated Installation >35' To 40', Add</i>	122.14	
		<i>For Elevated Installation >40', Add</i>	134.35	
		<i>For Work In Restricted Working Space, Add</i>	73.28	
26 05 33 13-1133	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow.....	2,635.46	152.67
		<i>For Elevated Installation >10' To 15', Add</i>	30.53	
		<i>For Elevated Installation >15' To 20', Add</i>	61.07	
		<i>For Elevated Installation >20' To 25', Add</i>	76.34	
		<i>For Elevated Installation >25' To 30', Add</i>	106.87	
		<i>For Elevated Installation >30' To 35', Add</i>	122.14	
		<i>For Elevated Installation >35' To 40', Add</i>	152.67	
		<i>For Elevated Installation >40', Add</i>	167.94	
		<i>For Work In Restricted Working Space, Add</i>	91.60	
26 05 33 13-1134	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow.....	2,985.21	185.92
		<i>For Elevated Installation >10' To 15', Add</i>	37.18	
		<i>For Elevated Installation >15' To 20', Add</i>	74.37	
		<i>For Elevated Installation >20' To 25', Add</i>	92.96	
		<i>For Elevated Installation >25' To 30', Add</i>	130.14	
		<i>For Elevated Installation >30' To 35', Add</i>	148.74	
		<i>For Elevated Installation >35' To 40', Add</i>	185.92	
		<i>For Elevated Installation >40', Add</i>	204.51	
		<i>For Work In Restricted Working Space, Add</i>	111.55	

26 05 33 13-1135 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbows

(26 05 33 13-0847)

26 05 33 13-1136	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow.....	100.07	16.97
		<i>For Elevated Installation >10' To 15', Add</i>	3.39	
		<i>For Elevated Installation >15' To 20', Add</i>	6.79	
		<i>For Elevated Installation >20' To 25', Add</i>	8.48	
		<i>For Elevated Installation >25' To 30', Add</i>	11.88	
		<i>For Elevated Installation >30' To 35', Add</i>	13.57	
		<i>For Elevated Installation >35' To 40', Add</i>	16.97	
		<i>For Elevated Installation >40', Add</i>	18.66	
		<i>For Work In Restricted Working Space, Add</i>	10.18	
26 05 33 13-1137	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow.....	116.54	21.04
		<i>For Elevated Installation >10' To 15', Add</i>	4.21	
		<i>For Elevated Installation >15' To 20', Add</i>	8.41	
		<i>For Elevated Installation >20' To 25', Add</i>	10.52	
		<i>For Elevated Installation >25' To 30', Add</i>	14.72	
		<i>For Elevated Installation >30' To 35', Add</i>	16.83	
		<i>For Elevated Installation >35' To 40', Add</i>	21.04	
		<i>For Elevated Installation >40', Add</i>	23.14	
		<i>For Work In Restricted Working Space, Add</i>	12.62	
26 05 33 13-1138	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow.....	138.89	25.78
		<i>For Elevated Installation >10' To 15', Add</i>	5.16	
		<i>For Elevated Installation >15' To 20', Add</i>	10.31	
		<i>For Elevated Installation >20' To 25', Add</i>	12.89	
		<i>For Elevated Installation >25' To 30', Add</i>	18.05	
		<i>For Elevated Installation >30' To 35', Add</i>	20.63	
		<i>For Elevated Installation >35' To 40', Add</i>	25.79	
		<i>For Elevated Installation >40', Add</i>	28.36	
		<i>For Work In Restricted Working Space, Add</i>	15.47	
26 05 33 13-1139	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow.....	163.90	29.85
		<i>For Elevated Installation >10' To 15', Add</i>	5.97	
		<i>For Elevated Installation >15' To 20', Add</i>	11.94	
		<i>For Elevated Installation >20' To 25', Add</i>	14.93	
		<i>For Elevated Installation >25' To 30', Add</i>	20.90	
		<i>For Elevated Installation >30' To 35', Add</i>	23.88	
		<i>For Elevated Installation >35' To 40', Add</i>	29.86	
		<i>For Elevated Installation >40', Add</i>	32.84	
		<i>For Work In Restricted Working Space, Add</i>	17.91	

26 05 33 13-1140 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbows

(26 05 33 13-0847)

26 05 33 13-1141	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow.....	78.96	16.97
		<i>For Elevated Installation >10' To 15', Add</i>	3.39	
		<i>For Elevated Installation >15' To 20', Add</i>	6.79	
		<i>For Elevated Installation >20' To 25', Add</i>	8.48	
		<i>For Elevated Installation >25' To 30', Add</i>	11.88	
		<i>For Elevated Installation >30' To 35', Add</i>	13.57	
		<i>For Elevated Installation >35' To 40', Add</i>	16.97	
		<i>For Elevated Installation >40', Add</i>	18.66	
		<i>For Work In Restricted Working Space, Add</i>	10.18	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-1142 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i>91.21 4.21 8.41 10.52 14.72 16.83 21.04 23.14 12.62	21.04
26 05 33 13-1143 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> .....	.....126.55 5.16 10.31 12.89 18.05 20.63 25.79 28.36 15.47	25.78
26 05 33 13-1144 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> .....	.....164.00 5.97 11.94 14.93 20.90 23.88 29.86 32.84 17.91	29.85
26 05 33 13-1145 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> .....	.....199.74 6.79 13.57 16.96 23.75 27.14 33.93 37.32 20.36	33.93
26 05 33 13-1146 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> .....	.....286.70 7.46 14.93 18.66 26.12 29.86 37.32 41.05 22.39	37.32
26 05 33 13-1147 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> .....	.....391.61 9.36 18.73 23.41 32.77 37.45 46.82 51.50 28.09	46.82
26 05 33 13-1148 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbows <small>(26 05 33 13-0847)</small>		
26 05 33 13-1149 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> .....	.....100.12 3.39 6.79 8.48 11.88 13.57 16.97 18.66 10.18	16.97
26 05 33 13-1150 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> .....	.....119.46 4.21 8.41 10.52 14.72 16.83 21.04 23.14 12.62	21.04

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
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26 05 33 13-1151	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow	138.91	25.78
		<i>For Elevated Installation >10' To 15', Add</i>	5.16	
		<i>For Elevated Installation >15' To 20', Add</i>	10.31	
		<i>For Elevated Installation >20' To 25', Add</i>	12.89	
		<i>For Elevated Installation >25' To 30', Add</i>	18.05	
		<i>For Elevated Installation >30' To 35', Add</i>	20.63	
		<i>For Elevated Installation >35' To 40', Add</i>	25.79	
		<i>For Elevated Installation >40', Add</i>	28.36	
		<i>For Work In Restricted Working Space, Add</i>	15.47	
26 05 33 13-1152	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow	163.95	29.85
		<i>For Elevated Installation >10' To 15', Add</i>	5.97	
		<i>For Elevated Installation >15' To 20', Add</i>	11.94	
		<i>For Elevated Installation >20' To 25', Add</i>	14.93	
		<i>For Elevated Installation >25' To 30', Add</i>	20.90	
		<i>For Elevated Installation >30' To 35', Add</i>	23.88	
		<i>For Elevated Installation >35' To 40', Add</i>	29.86	
		<i>For Elevated Installation >40', Add</i>	32.84	
		<i>For Work In Restricted Working Space, Add</i>	17.91	

26 05 33 13-1153 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbows (26 05 33 13-0847)

26 05 33 13-1154	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	79.04	16.97
		<i>For Elevated Installation >10' To 15', Add</i>	3.39	
		<i>For Elevated Installation >15' To 20', Add</i>	6.79	
		<i>For Elevated Installation >20' To 25', Add</i>	8.48	
		<i>For Elevated Installation >25' To 30', Add</i>	11.88	
		<i>For Elevated Installation >30' To 35', Add</i>	13.57	
		<i>For Elevated Installation >35' To 40', Add</i>	16.97	
		<i>For Elevated Installation >40', Add</i>	18.66	
		<i>For Work In Restricted Working Space, Add</i>	10.18	
26 05 33 13-1155	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	91.21	21.04
		<i>For Elevated Installation >10' To 15', Add</i>	4.21	
		<i>For Elevated Installation >15' To 20', Add</i>	8.41	
		<i>For Elevated Installation >20' To 25', Add</i>	10.52	
		<i>For Elevated Installation >25' To 30', Add</i>	14.72	
		<i>For Elevated Installation >30' To 35', Add</i>	16.83	
		<i>For Elevated Installation >35' To 40', Add</i>	21.04	
		<i>For Elevated Installation >40', Add</i>	23.14	
		<i>For Work In Restricted Working Space, Add</i>	12.62	
26 05 33 13-1156	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	117.81	25.78
		<i>For Elevated Installation >10' To 15', Add</i>	5.16	
		<i>For Elevated Installation >15' To 20', Add</i>	10.31	
		<i>For Elevated Installation >20' To 25', Add</i>	12.89	
		<i>For Elevated Installation >25' To 30', Add</i>	18.05	
		<i>For Elevated Installation >30' To 35', Add</i>	20.63	
		<i>For Elevated Installation >35' To 40', Add</i>	25.79	
		<i>For Elevated Installation >40', Add</i>	28.36	
		<i>For Work In Restricted Working Space, Add</i>	15.47	
26 05 33 13-1157	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	147.03	29.85
		<i>For Elevated Installation >10' To 15', Add</i>	5.97	
		<i>For Elevated Installation >15' To 20', Add</i>	11.94	
		<i>For Elevated Installation >20' To 25', Add</i>	14.93	
		<i>For Elevated Installation >25' To 30', Add</i>	20.90	
		<i>For Elevated Installation >30' To 35', Add</i>	23.88	
		<i>For Elevated Installation >35' To 40', Add</i>	29.86	
		<i>For Elevated Installation >40', Add</i>	32.84	
		<i>For Work In Restricted Working Space, Add</i>	17.91	
26 05 33 13-1158	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	172.09	33.93
		<i>For Elevated Installation >10' To 15', Add</i>	6.79	
		<i>For Elevated Installation >15' To 20', Add</i>	13.57	
		<i>For Elevated Installation >20' To 25', Add</i>	16.96	
		<i>For Elevated Installation >25' To 30', Add</i>	23.75	
		<i>For Elevated Installation >30' To 35', Add</i>	27.14	
		<i>For Elevated Installation >35' To 40', Add</i>	33.93	
		<i>For Elevated Installation >40', Add</i>	37.32	
		<i>For Work In Restricted Working Space, Add</i>	20.36	
26 05 33 13-1159	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	198.15	37.32
		<i>For Elevated Installation >10' To 15', Add</i>	7.46	
		<i>For Elevated Installation >15' To 20', Add</i>	14.93	
		<i>For Elevated Installation >20' To 25', Add</i>	18.66	
		<i>For Elevated Installation >25' To 30', Add</i>	26.12	
		<i>For Elevated Installation >30' To 35', Add</i>	29.86	
		<i>For Elevated Installation >35' To 40', Add</i>	37.32	
		<i>For Elevated Installation >40', Add</i>	41.05	
		<i>For Work In Restricted Working Space, Add</i>	22.39	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-1160	EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	369.03	46.82
	For Elevated Installation >10' To 15', Add	9.36	
	For Elevated Installation >15' To 20', Add	18.73	
	For Elevated Installation >20' To 25', Add	23.41	
	For Elevated Installation >25' To 30', Add	32.77	
	For Elevated Installation >30' To 35', Add	37.45	
	For Elevated Installation >35' To 40', Add	46.82	
	For Elevated Installation >40', Add	51.50	
	For Work In Restricted Working Space, Add	28.09	
26 05 33 13-1161	EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	423.41	63.78
	For Elevated Installation >10' To 15', Add	12.76	
	For Elevated Installation >15' To 20', Add	25.51	
	For Elevated Installation >20' To 25', Add	31.89	
	For Elevated Installation >25' To 30', Add	44.65	
	For Elevated Installation >30' To 35', Add	51.02	
	For Elevated Installation >35' To 40', Add	63.78	
	For Elevated Installation >40', Add	70.16	
	For Work In Restricted Working Space, Add	38.27	
26 05 33 13-1162	EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	456.97	71.92
	For Elevated Installation >10' To 15', Add	14.39	
	For Elevated Installation >15' To 20', Add	28.77	
	For Elevated Installation >20' To 25', Add	35.96	
	For Elevated Installation >25' To 30', Add	50.35	
	For Elevated Installation >30' To 35', Add	57.54	
	For Elevated Installation >35' To 40', Add	71.93	
	For Elevated Installation >40', Add	79.12	
	For Work In Restricted Working Space, Add	43.16	
26 05 33 13-1163	EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	563.99	93.63
	For Elevated Installation >10' To 15', Add	18.73	
	For Elevated Installation >15' To 20', Add	37.45	
	For Elevated Installation >20' To 25', Add	46.82	
	For Elevated Installation >25' To 30', Add	65.54	
	For Elevated Installation >30' To 35', Add	74.91	
	For Elevated Installation >35' To 40', Add	93.64	
	For Elevated Installation >40', Add	103.00	
	For Work In Restricted Working Space, Add	56.18	
26 05 33 13-1164 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbows <small>(26 05 33 13-0847)</small>			
26 05 33 13-1165	EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow.....	165.30	32.57
	For Elevated Installation >10' To 15', Add	6.51	
	For Elevated Installation >15' To 20', Add	13.03	
	For Elevated Installation >20' To 25', Add	16.29	
	For Elevated Installation >25' To 30', Add	22.80	
	For Elevated Installation >30' To 35', Add	26.06	
	For Elevated Installation >35' To 40', Add	32.57	
	For Elevated Installation >40', Add	35.83	
	For Work In Restricted Working Space, Add	19.54	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.54	
26 05 33 13-1166	EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow.....	178.74	37.32
	For Elevated Installation >10' To 15', Add	7.46	
	For Elevated Installation >15' To 20', Add	14.93	
	For Elevated Installation >20' To 25', Add	18.66	
	For Elevated Installation >25' To 30', Add	26.12	
	For Elevated Installation >30' To 35', Add	29.86	
	For Elevated Installation >35' To 40', Add	37.32	
	For Elevated Installation >40', Add	41.05	
	For Work In Restricted Working Space, Add	22.39	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	22.39	
26 05 33 13-1167	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow.....	195.75	42.75
	For Elevated Installation >10' To 15', Add	8.55	
	For Elevated Installation >15' To 20', Add	17.10	
	For Elevated Installation >20' To 25', Add	21.37	
	For Elevated Installation >25' To 30', Add	29.92	
	For Elevated Installation >30' To 35', Add	34.20	
	For Elevated Installation >35' To 40', Add	42.75	
	For Elevated Installation >40', Add	47.02	
	For Work In Restricted Working Space, Add	25.65	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.65	
26 05 33 13-1168	EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow.....	262.55	49.53
	For Elevated Installation >10' To 15', Add	9.91	
	For Elevated Installation >15' To 20', Add	19.81	
	For Elevated Installation >20' To 25', Add	24.77	
	For Elevated Installation >25' To 30', Add	34.67	
	For Elevated Installation >30' To 35', Add	39.63	
	For Elevated Installation >35' To 40', Add	49.54	
	For Elevated Installation >40', Add	54.49	
	For Work In Restricted Working Space, Add	29.72	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	29.72	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-1169	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow	333.64	54.29
		<i>For Elevated Installation >10' To 15', Add</i>	10.86	
		<i>For Elevated Installation >15' To 20', Add</i>	21.71	
		<i>For Elevated Installation >20' To 25', Add</i>	27.14	
		<i>For Elevated Installation >25' To 30', Add</i>	38.00	
		<i>For Elevated Installation >30' To 35', Add</i>	43.42	
		<i>For Elevated Installation >35' To 40', Add</i>	54.28	
		<i>For Elevated Installation >40', Add</i>	59.71	
		<i>For Work In Restricted Working Space, Add</i>	32.57	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.57	
26 05 33 13-1170		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Boxes With Cast Iron Cover		
		<small>(26 05 33 13-0847)</small>		
26 05 33 13-1171	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	198.75	32.57
		<i>For Elevated Installation >10' To 15', Add</i>	6.51	
		<i>For Elevated Installation >15' To 20', Add</i>	13.03	
		<i>For Elevated Installation >20' To 25', Add</i>	16.29	
		<i>For Elevated Installation >25' To 30', Add</i>	22.80	
		<i>For Elevated Installation >30' To 35', Add</i>	26.06	
		<i>For Elevated Installation >35' To 40', Add</i>	32.57	
		<i>For Elevated Installation >40', Add</i>	35.83	
		<i>For Work In Restricted Working Space, Add</i>	19.54	
26 05 33 13-1172	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	214.23	37.32
		<i>For Elevated Installation >10' To 15', Add</i>	7.46	
		<i>For Elevated Installation >15' To 20', Add</i>	14.93	
		<i>For Elevated Installation >20' To 25', Add</i>	18.66	
		<i>For Elevated Installation >25' To 30', Add</i>	26.12	
		<i>For Elevated Installation >30' To 35', Add</i>	29.86	
		<i>For Elevated Installation >35' To 40', Add</i>	37.32	
		<i>For Elevated Installation >40', Add</i>	41.05	
		<i>For Work In Restricted Working Space, Add</i>	22.39	
26 05 33 13-1173	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	250.37	42.75
		<i>For Elevated Installation >10' To 15', Add</i>	8.55	
		<i>For Elevated Installation >15' To 20', Add</i>	17.10	
		<i>For Elevated Installation >20' To 25', Add</i>	21.37	
		<i>For Elevated Installation >25' To 30', Add</i>	29.92	
		<i>For Elevated Installation >30' To 35', Add</i>	34.20	
		<i>For Elevated Installation >35' To 40', Add</i>	42.75	
		<i>For Elevated Installation >40', Add</i>	47.02	
		<i>For Work In Restricted Working Space, Add</i>	25.65	
26 05 33 13-1174	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	357.35	49.53
		<i>For Elevated Installation >10' To 15', Add</i>	9.91	
		<i>For Elevated Installation >15' To 20', Add</i>	19.81	
		<i>For Elevated Installation >20' To 25', Add</i>	24.77	
		<i>For Elevated Installation >25' To 30', Add</i>	34.67	
		<i>For Elevated Installation >30' To 35', Add</i>	39.63	
		<i>For Elevated Installation >35' To 40', Add</i>	49.54	
		<i>For Elevated Installation >40', Add</i>	54.49	
		<i>For Work In Restricted Working Space, Add</i>	29.72	
26 05 33 13-1175	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	579.28	54.29
		<i>For Elevated Installation >10' To 15', Add</i>	10.86	
		<i>For Elevated Installation >15' To 20', Add</i>	21.71	
		<i>For Elevated Installation >20' To 25', Add</i>	27.14	
		<i>For Elevated Installation >25' To 30', Add</i>	38.00	
		<i>For Elevated Installation >30' To 35', Add</i>	43.42	
		<i>For Elevated Installation >35' To 40', Add</i>	54.28	
		<i>For Elevated Installation >40', Add</i>	59.71	
		<i>For Work In Restricted Working Space, Add</i>	32.57	
26 05 33 13-1176	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	626.24	65.14
		<i>For Elevated Installation >10' To 15', Add</i>	13.03	
		<i>For Elevated Installation >15' To 20', Add</i>	26.06	
		<i>For Elevated Installation >20' To 25', Add</i>	32.57	
		<i>For Elevated Installation >25' To 30', Add</i>	45.60	
		<i>For Elevated Installation >30' To 35', Add</i>	52.11	
		<i>For Elevated Installation >35' To 40', Add</i>	65.14	
		<i>For Elevated Installation >40', Add</i>	71.65	
		<i>For Work In Restricted Working Space, Add</i>	39.08	
26 05 33 13-1177		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Boxes With Cast Iron Cover		
		<small>(26 05 33 13-0847)</small>		
26 05 33 13-1178	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	217.73	32.57
		<i>For Elevated Installation >10' To 15', Add</i>	6.51	
		<i>For Elevated Installation >15' To 20', Add</i>	13.03	
		<i>For Elevated Installation >20' To 25', Add</i>	16.29	
		<i>For Elevated Installation >25' To 30', Add</i>	22.80	
		<i>For Elevated Installation >30' To 35', Add</i>	26.06	
		<i>For Elevated Installation >35' To 40', Add</i>	32.57	
		<i>For Elevated Installation >40', Add</i>	35.83	
		<i>For Work In Restricted Working Space, Add</i>	19.54	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-1179	EA	3/4"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	245.89	37.32
			<i>For Elevated Installation >10' To 15', Add</i>	7.46	
			<i>For Elevated Installation >15' To 20', Add</i>	14.93	
			<i>For Elevated Installation >20' To 25', Add</i>	18.66	
			<i>For Elevated Installation >25' To 30', Add</i>	26.12	
			<i>For Elevated Installation >30' To 35', Add</i>	29.86	
			<i>For Elevated Installation >35' To 40', Add</i>	37.32	
			<i>For Elevated Installation >40', Add</i>	41.05	
			<i>For Work In Restricted Working Space, Add</i>	22.39	
26 05 33 13-1180	EA	1"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	268.43	42.75
			<i>For Elevated Installation >10' To 15', Add</i>	8.55	
			<i>For Elevated Installation >15' To 20', Add</i>	17.10	
			<i>For Elevated Installation >20' To 25', Add</i>	21.37	
			<i>For Elevated Installation >25' To 30', Add</i>	29.92	
			<i>For Elevated Installation >30' To 35', Add</i>	34.20	
			<i>For Elevated Installation >35' To 40', Add</i>	42.75	
			<i>For Elevated Installation >40', Add</i>	47.02	
			<i>For Work In Restricted Working Space, Add</i>	25.65	
26 05 33 13-1181	EA	1-1/4"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	375.70	49.53
			<i>For Elevated Installation >10' To 15', Add</i>	9.91	
			<i>For Elevated Installation >15' To 20', Add</i>	19.81	
			<i>For Elevated Installation >20' To 25', Add</i>	24.77	
			<i>For Elevated Installation >25' To 30', Add</i>	34.67	
			<i>For Elevated Installation >30' To 35', Add</i>	39.63	
			<i>For Elevated Installation >35' To 40', Add</i>	49.54	
			<i>For Elevated Installation >40', Add</i>	54.49	
			<i>For Work In Restricted Working Space, Add</i>	29.72	
26 05 33 13-1182	EA	1-1/2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	623.06	54.29
			<i>For Elevated Installation >10' To 15', Add</i>	10.86	
			<i>For Elevated Installation >15' To 20', Add</i>	21.71	
			<i>For Elevated Installation >20' To 25', Add</i>	27.14	
			<i>For Elevated Installation >25' To 30', Add</i>	38.00	
			<i>For Elevated Installation >30' To 35', Add</i>	43.42	
			<i>For Elevated Installation >35' To 40', Add</i>	54.28	
			<i>For Elevated Installation >40', Add</i>	59.71	
			<i>For Work In Restricted Working Space, Add</i>	32.57	
26 05 33 13-1183	EA	2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	666.42	65.14
			<i>For Elevated Installation >10' To 15', Add</i>	13.03	
			<i>For Elevated Installation >15' To 20', Add</i>	26.06	
			<i>For Elevated Installation >20' To 25', Add</i>	32.57	
			<i>For Elevated Installation >25' To 30', Add</i>	45.60	
			<i>For Elevated Installation >30' To 35', Add</i>	52.11	
			<i>For Elevated Installation >35' To 40', Add</i>	65.14	
			<i>For Elevated Installation >40', Add</i>	71.65	
			<i>For Work In Restricted Working Space, Add</i>	39.08	
26 05 33 13-1184			Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Boxes With Cast Iron Cover <small>(26 05 33 13-0847)</small>		
26 05 33 13-1185	EA	1/2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	217.87	32.57
			<i>For Elevated Installation >10' To 15', Add</i>	6.51	
			<i>For Elevated Installation >15' To 20', Add</i>	13.03	
			<i>For Elevated Installation >20' To 25', Add</i>	16.29	
			<i>For Elevated Installation >25' To 30', Add</i>	22.80	
			<i>For Elevated Installation >30' To 35', Add</i>	26.06	
			<i>For Elevated Installation >35' To 40', Add</i>	32.57	
			<i>For Elevated Installation >40', Add</i>	35.83	
			<i>For Work In Restricted Working Space, Add</i>	19.54	
26 05 33 13-1186	EA	3/4"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	240.29	37.32
			<i>For Elevated Installation >10' To 15', Add</i>	7.46	
			<i>For Elevated Installation >15' To 20', Add</i>	14.93	
			<i>For Elevated Installation >20' To 25', Add</i>	18.66	
			<i>For Elevated Installation >25' To 30', Add</i>	26.12	
			<i>For Elevated Installation >30' To 35', Add</i>	29.86	
			<i>For Elevated Installation >35' To 40', Add</i>	37.32	
			<i>For Elevated Installation >40', Add</i>	41.05	
			<i>For Work In Restricted Working Space, Add</i>	22.39	
26 05 33 13-1187	EA	1"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	285.87	42.75
			<i>For Elevated Installation >10' To 15', Add</i>	8.55	
			<i>For Elevated Installation >15' To 20', Add</i>	17.10	
			<i>For Elevated Installation >20' To 25', Add</i>	21.38	
			<i>For Elevated Installation >25' To 30', Add</i>	29.93	
			<i>For Elevated Installation >30' To 35', Add</i>	34.20	
			<i>For Elevated Installation >35' To 40', Add</i>	42.75	
			<i>For Elevated Installation >40', Add</i>	47.03	
			<i>For Work In Restricted Working Space, Add</i>	25.65	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-1188	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	389.68	49.53
		<i>For Elevated Installation >10' To 15', Add</i>	9.91	
		<i>For Elevated Installation >15' To 20', Add</i>	19.81	
		<i>For Elevated Installation >20' To 25', Add</i>	24.77	
		<i>For Elevated Installation >25' To 30', Add</i>	34.67	
		<i>For Elevated Installation >30' To 35', Add</i>	39.63	
		<i>For Elevated Installation >35' To 40', Add</i>	49.54	
		<i>For Elevated Installation >40', Add</i>	54.49	
		<i>For Work In Restricted Working Space, Add</i>	29.72	
26 05 33 13-1189	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	643.93	54.29
		<i>For Elevated Installation >10' To 15', Add</i>	10.86	
		<i>For Elevated Installation >15' To 20', Add</i>	21.71	
		<i>For Elevated Installation >20' To 25', Add</i>	27.14	
		<i>For Elevated Installation >25' To 30', Add</i>	38.00	
		<i>For Elevated Installation >30' To 35', Add</i>	43.42	
		<i>For Elevated Installation >35' To 40', Add</i>	54.28	
		<i>For Elevated Installation >40', Add</i>	59.71	
		<i>For Work In Restricted Working Space, Add</i>	32.57	
26 05 33 13-1190	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	692.13	65.14
		<i>For Elevated Installation >10' To 15', Add</i>	13.03	
		<i>For Elevated Installation >15' To 20', Add</i>	26.06	
		<i>For Elevated Installation >20' To 25', Add</i>	32.57	
		<i>For Elevated Installation >25' To 30', Add</i>	45.60	
		<i>For Elevated Installation >30' To 35', Add</i>	52.11	
		<i>For Elevated Installation >35' To 40', Add</i>	65.14	
		<i>For Elevated Installation >40', Add</i>	71.65	
		<i>For Work In Restricted Working Space, Add</i>	39.08	

26 05 33 13-1191 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Boxes With Cast Iron Cover (26 05 33 13-0847)

26 05 33 13-1192	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover	270.41	32.57
		<i>For Elevated Installation >10' To 15', Add</i>	6.51	
		<i>For Elevated Installation >15' To 20', Add</i>	13.03	
		<i>For Elevated Installation >20' To 25', Add</i>	16.29	
		<i>For Elevated Installation >25' To 30', Add</i>	22.80	
		<i>For Elevated Installation >30' To 35', Add</i>	26.06	
		<i>For Elevated Installation >35' To 40', Add</i>	32.57	
		<i>For Elevated Installation >40', Add</i>	35.83	
		<i>For Work In Restricted Working Space, Add</i>	19.54	
26 05 33 13-1193	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover	298.70	37.32
		<i>For Elevated Installation >10' To 15', Add</i>	7.46	
		<i>For Elevated Installation >15' To 20', Add</i>	14.93	
		<i>For Elevated Installation >20' To 25', Add</i>	18.66	
		<i>For Elevated Installation >25' To 30', Add</i>	26.12	
		<i>For Elevated Installation >30' To 35', Add</i>	29.86	
		<i>For Elevated Installation >35' To 40', Add</i>	37.32	
		<i>For Elevated Installation >40', Add</i>	41.05	
		<i>For Work In Restricted Working Space, Add</i>	22.39	
26 05 33 13-1194	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover	323.86	42.75
		<i>For Elevated Installation >10' To 15', Add</i>	8.55	
		<i>For Elevated Installation >15' To 20', Add</i>	17.10	
		<i>For Elevated Installation >20' To 25', Add</i>	21.38	
		<i>For Elevated Installation >25' To 30', Add</i>	29.93	
		<i>For Elevated Installation >30' To 35', Add</i>	34.20	
		<i>For Elevated Installation >35' To 40', Add</i>	42.75	
		<i>For Elevated Installation >40', Add</i>	47.03	
		<i>For Work In Restricted Working Space, Add</i>	25.65	
26 05 33 13-1195	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover	814.33	49.53
		<i>For Elevated Installation >10' To 15', Add</i>	9.91	
		<i>For Elevated Installation >15' To 20', Add</i>	19.81	
		<i>For Elevated Installation >20' To 25', Add</i>	24.77	
		<i>For Elevated Installation >25' To 30', Add</i>	34.67	
		<i>For Elevated Installation >30' To 35', Add</i>	39.63	
		<i>For Elevated Installation >35' To 40', Add</i>	49.54	
		<i>For Elevated Installation >40', Add</i>	54.49	
		<i>For Work In Restricted Working Space, Add</i>	29.72	

26 05 33 13-1196 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Boxes (26 05 33 13-0847)

26 05 33 13-1197	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box	130.31	32.57
		<i>For Elevated Installation >10' To 15', Add</i>	6.51	
		<i>For Elevated Installation >15' To 20', Add</i>	13.03	
		<i>For Elevated Installation >20' To 25', Add</i>	16.29	
		<i>For Elevated Installation >25' To 30', Add</i>	22.80	
		<i>For Elevated Installation >30' To 35', Add</i>	26.06	
		<i>For Elevated Installation >35' To 40', Add</i>	32.57	
		<i>For Elevated Installation >40', Add</i>	35.83	
		<i>For Work In Restricted Working Space, Add</i>	19.54	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-1198	EA	3/4"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box.....	143.34	37.32
			<i>For Elevated Installation >10' To 15', Add</i>	7.46	
			<i>For Elevated Installation >15' To 20', Add</i>	14.93	
			<i>For Elevated Installation >20' To 25', Add</i>	18.66	
			<i>For Elevated Installation >25' To 30', Add</i>	26.12	
			<i>For Elevated Installation >30' To 35', Add</i>	29.86	
			<i>For Elevated Installation >35' To 40', Add</i>	37.32	
			<i>For Elevated Installation >40', Add</i>	41.05	
			<i>For Work In Restricted Working Space, Add</i>	22.39	
			26 05 33 13-1199	EA		1"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box.....	160.09	42.75
<i>For Elevated Installation >10' To 15', Add</i>	8.55				
<i>For Elevated Installation >15' To 20', Add</i>	17.10				
<i>For Elevated Installation >20' To 25', Add</i>	21.38				
<i>For Elevated Installation >25' To 30', Add</i>	29.93				
<i>For Elevated Installation >30' To 35', Add</i>	34.20				
<i>For Elevated Installation >35' To 40', Add</i>	42.75				
<i>For Elevated Installation >40', Add</i>	47.03				
<i>For Work In Restricted Working Space, Add</i>	25.65				
26 05 33 13-1200	EA	1/2"			Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box.....		144.56	32.57
			<i>For Elevated Installation >10' To 15', Add</i>	6.51	
			<i>For Elevated Installation >15' To 20', Add</i>	13.03	
			<i>For Elevated Installation >20' To 25', Add</i>	16.29	
			<i>For Elevated Installation >25' To 30', Add</i>	22.80	
			<i>For Elevated Installation >30' To 35', Add</i>	26.06	
			<i>For Elevated Installation >35' To 40', Add</i>	32.57	
			<i>For Elevated Installation >40', Add</i>	35.83	
			<i>For Work In Restricted Working Space, Add</i>	19.54	
			26 05 33 13-1201	EA	3/4"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box.....	155.80		37.32
<i>For Elevated Installation >10' To 15', Add</i>	7.46				
<i>For Elevated Installation >15' To 20', Add</i>	14.93				
<i>For Elevated Installation >20' To 25', Add</i>	18.66				
<i>For Elevated Installation >25' To 30', Add</i>	26.12				
<i>For Elevated Installation >30' To 35', Add</i>	29.86				
<i>For Elevated Installation >35' To 40', Add</i>	37.32				
<i>For Elevated Installation >40', Add</i>	41.05				
<i>For Work In Restricted Working Space, Add</i>	22.39				
26 05 33 13-1202	EA	1"				Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box.....	177.40	42.75
			<i>For Elevated Installation >10' To 15', Add</i>	8.55	
			<i>For Elevated Installation >15' To 20', Add</i>	17.10	
			<i>For Elevated Installation >20' To 25', Add</i>	21.38	
			<i>For Elevated Installation >25' To 30', Add</i>	29.93	
			<i>For Elevated Installation >30' To 35', Add</i>	34.20	
			<i>For Elevated Installation >35' To 40', Add</i>	42.75	
			<i>For Elevated Installation >40', Add</i>	47.03	
			<i>For Work In Restricted Working Space, Add</i>	25.65	

26 05 33 13-1203 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Boxes (26 05 33 13-0847)

Note: Excludes cover.

26 05 33 13-1204	EA	1/2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box.....	137.05	32.57
			<i>For Elevated Installation >10' To 15', Add</i>	6.51	
			<i>For Elevated Installation >15' To 20', Add</i>	13.03	
			<i>For Elevated Installation >20' To 25', Add</i>	16.29	
			<i>For Elevated Installation >25' To 30', Add</i>	22.80	
			<i>For Elevated Installation >30' To 35', Add</i>	26.06	
			<i>For Elevated Installation >35' To 40', Add</i>	32.57	
			<i>For Elevated Installation >40', Add</i>	35.83	
			<i>For Work In Restricted Working Space, Add</i>	19.54	
			26 05 33 13-1205	EA		3/4"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box.....	150.92	37.32
<i>For Elevated Installation >10' To 15', Add</i>	7.46				
<i>For Elevated Installation >15' To 20', Add</i>	14.93				
<i>For Elevated Installation >20' To 25', Add</i>	18.66				
<i>For Elevated Installation >25' To 30', Add</i>	26.12				
<i>For Elevated Installation >30' To 35', Add</i>	29.86				
<i>For Elevated Installation >35' To 40', Add</i>	37.32				
<i>For Elevated Installation >40', Add</i>	41.05				
<i>For Work In Restricted Working Space, Add</i>	22.39				
26 05 33 13-1206	EA	1"			Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box.....		165.33	42.75
			<i>For Elevated Installation >10' To 15', Add</i>	8.55	
			<i>For Elevated Installation >15' To 20', Add</i>	17.10	
			<i>For Elevated Installation >20' To 25', Add</i>	21.38	
			<i>For Elevated Installation >25' To 30', Add</i>	29.93	
			<i>For Elevated Installation >30' To 35', Add</i>	34.20	
			<i>For Elevated Installation >35' To 40', Add</i>	42.75	
			<i>For Elevated Installation >40', Add</i>	47.03	
			<i>For Work In Restricted Working Space, Add</i>	25.65	
			26 05 33 13-1207	EA	1/2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box.....	154.19		32.57
<i>For Elevated Installation >10' To 15', Add</i>	6.51				
<i>For Elevated Installation >15' To 20', Add</i>	13.03				
<i>For Elevated Installation >20' To 25', Add</i>	16.29				
<i>For Elevated Installation >25' To 30', Add</i>	22.80				
<i>For Elevated Installation >30' To 35', Add</i>	26.06				
<i>For Elevated Installation >35' To 40', Add</i>	32.57				
<i>For Elevated Installation >40', Add</i>	35.83				
<i>For Work In Restricted Working Space, Add</i>	19.54				

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-1208	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box.....	168.23	37.32
		<i>For Elevated Installation >10' To 15', Add</i>	7.46	
		<i>For Elevated Installation >15' To 20', Add</i>	14.93	
		<i>For Elevated Installation >20' To 25', Add</i>	18.66	
		<i>For Elevated Installation >25' To 30', Add</i>	26.12	
		<i>For Elevated Installation >30' To 35', Add</i>	29.86	
		<i>For Elevated Installation >35' To 40', Add</i>	37.32	
		<i>For Elevated Installation >40', Add</i>	41.05	
		<i>For Work In Restricted Working Space, Add</i>	22.39	
26 05 33 13-1209	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box.....	190.20	42.75
		<i>For Elevated Installation >10' To 15', Add</i>	8.55	
		<i>For Elevated Installation >15' To 20', Add</i>	17.10	
		<i>For Elevated Installation >20' To 25', Add</i>	21.38	
		<i>For Elevated Installation >25' To 30', Add</i>	29.93	
		<i>For Elevated Installation >30' To 35', Add</i>	34.20	
		<i>For Elevated Installation >35' To 40', Add</i>	42.75	
		<i>For Elevated Installation >40', Add</i>	47.03	
		<i>For Work In Restricted Working Space, Add</i>	25.65	

26 05 33 13-1210 Polyvinyl Chloride (PVC) Coated, Urethane Lined, FS And FD Series Covers (26 05 33 13-0847)

26 05 33 13-1211	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS23, FS And FD Series Cover	48.47	4.07
		<i>For Elevated Installation >10' To 15', Add</i>	0.81	
		<i>For Elevated Installation >15' To 20', Add</i>	1.63	
		<i>For Elevated Installation >20' To 25', Add</i>	2.04	
		<i>For Elevated Installation >25' To 30', Add</i>	2.85	
		<i>For Elevated Installation >30' To 35', Add</i>	3.26	
		<i>For Elevated Installation >35' To 40', Add</i>	4.07	
		<i>For Elevated Installation >40', Add</i>	4.48	
		<i>For Work In Restricted Working Space, Add</i>	2.44	
26 05 33 13-1212	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS21G, FS And FD Series Cover.....	65.91	4.75
		<i>For Elevated Installation >10' To 15', Add</i>	0.95	
		<i>For Elevated Installation >15' To 20', Add</i>	1.90	
		<i>For Elevated Installation >20' To 25', Add</i>	2.38	
		<i>For Elevated Installation >25' To 30', Add</i>	3.33	
		<i>For Elevated Installation >30' To 35', Add</i>	3.80	
		<i>For Elevated Installation >35' To 40', Add</i>	4.75	
		<i>For Elevated Installation >40', Add</i>	5.23	
		<i>For Work In Restricted Working Space, Add</i>	2.85	
26 05 33 13-1213	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS32G, FS And FD Series Cover.....	62.21	4.75
		<i>For Elevated Installation >10' To 15', Add</i>	0.95	
		<i>For Elevated Installation >15' To 20', Add</i>	1.90	
		<i>For Elevated Installation >20' To 25', Add</i>	2.38	
		<i>For Elevated Installation >25' To 30', Add</i>	3.33	
		<i>For Elevated Installation >30' To 35', Add</i>	3.80	
		<i>For Elevated Installation >35' To 40', Add</i>	4.75	
		<i>For Elevated Installation >40', Add</i>	5.23	
		<i>For Work In Restricted Working Space, Add</i>	2.85	
26 05 33 13-1214	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS100G, FS And FD Series Cover.....	55.31	4.75
		<i>For Elevated Installation >10' To 15', Add</i>	0.95	
		<i>For Elevated Installation >15' To 20', Add</i>	1.90	
		<i>For Elevated Installation >20' To 25', Add</i>	2.38	
		<i>For Elevated Installation >25' To 30', Add</i>	3.33	
		<i>For Elevated Installation >30' To 35', Add</i>	3.80	
		<i>For Elevated Installation >35' To 40', Add</i>	4.75	
		<i>For Elevated Installation >40', Add</i>	5.23	
		<i>For Work In Restricted Working Space, Add</i>	2.85	
26 05 33 13-1215	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, WLRD1, FS And FD Series Cover	269.53	6.79
		<i>For Elevated Installation >10' To 15', Add</i>	1.36	
		<i>For Elevated Installation >15' To 20', Add</i>	2.71	
		<i>For Elevated Installation >20' To 25', Add</i>	3.39	
		<i>For Elevated Installation >25' To 30', Add</i>	4.75	
		<i>For Elevated Installation >30' To 35', Add</i>	5.43	
		<i>For Elevated Installation >35' To 40', Add</i>	6.79	
		<i>For Elevated Installation >40', Add</i>	7.46	
		<i>For Work In Restricted Working Space, Add</i>	4.07	
26 05 33 13-1216	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, WLRS1, FS And FD Series Cover	239.59	6.79
		<i>For Elevated Installation >10' To 15', Add</i>	1.36	
		<i>For Elevated Installation >15' To 20', Add</i>	2.71	
		<i>For Elevated Installation >20' To 25', Add</i>	3.39	
		<i>For Elevated Installation >25' To 30', Add</i>	4.75	
		<i>For Elevated Installation >30' To 35', Add</i>	5.43	
		<i>For Elevated Installation >35' To 40', Add</i>	6.79	
		<i>For Elevated Installation >40', Add</i>	7.46	
		<i>For Work In Restricted Working Space, Add</i>	4.07	

26 05 33 13-1217 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Mogul Conduit Bodies (26 05 33 13-0847)

Note: Includes covers.

26 05 33 13-1218	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body.....	282.00	42.75
		<i>For Elevated Installation >10' To 15', Add</i>	8.55	
		<i>For Elevated Installation >15' To 20', Add</i>	17.10	
		<i>For Elevated Installation >20' To 25', Add</i>	21.37	
		<i>For Elevated Installation >25' To 30', Add</i>	29.92	
		<i>For Elevated Installation >30' To 35', Add</i>	34.20	
		<i>For Elevated Installation >35' To 40', Add</i>	42.75	
		<i>For Elevated Installation >40', Add</i>	47.02	
		<i>For Work In Restricted Working Space, Add</i>	25.65	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1219 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body.....	316.78	49.53
For Elevated Installation >10' To 15', Add	9.91	
For Elevated Installation >15' To 20', Add	19.81	
For Elevated Installation >20' To 25', Add	24.77	
For Elevated Installation >25' To 30', Add	34.67	
For Elevated Installation >30' To 35', Add	39.63	
For Elevated Installation >35' To 40', Add	49.54	
For Elevated Installation >40', Add	54.49	
For Work In Restricted Working Space, Add	29.72	
26 05 33 13-1220 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body.....	437.23	54.29
For Elevated Installation >10' To 15', Add	10.86	
For Elevated Installation >15' To 20', Add	21.71	
For Elevated Installation >20' To 25', Add	27.14	
For Elevated Installation >25' To 30', Add	38.00	
For Elevated Installation >30' To 35', Add	43.42	
For Elevated Installation >35' To 40', Add	54.28	
For Elevated Installation >40', Add	59.71	
For Work In Restricted Working Space, Add	32.57	
26 05 33 13-1221 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body.....	521.00	65.14
For Elevated Installation >10' To 15', Add	13.03	
For Elevated Installation >15' To 20', Add	26.06	
For Elevated Installation >20' To 25', Add	32.57	
For Elevated Installation >25' To 30', Add	45.60	
For Elevated Installation >30' To 35', Add	52.11	
For Elevated Installation >35' To 40', Add	65.14	
For Elevated Installation >40', Add	71.65	
For Work In Restricted Working Space, Add	39.08	
26 05 33 13-1222 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body.....	752.64	91.60
For Elevated Installation >10' To 15', Add	18.32	
For Elevated Installation >15' To 20', Add	36.64	
For Elevated Installation >20' To 25', Add	45.80	
For Elevated Installation >25' To 30', Add	64.12	
For Elevated Installation >30' To 35', Add	73.28	
For Elevated Installation >35' To 40', Add	91.60	
For Elevated Installation >40', Add	100.76	
For Work In Restricted Working Space, Add	54.96	
26 05 33 13-1223 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body.....	949.75	122.14
For Elevated Installation >10' To 15', Add	24.43	
For Elevated Installation >15' To 20', Add	48.85	
For Elevated Installation >20' To 25', Add	61.07	
For Elevated Installation >25' To 30', Add	85.49	
For Elevated Installation >30' To 35', Add	97.71	
For Elevated Installation >35' To 40', Add	122.14	
For Elevated Installation >40', Add	134.35	
For Work In Restricted Working Space, Add	73.28	
26 05 33 13-1224 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body.....	1,391.86	152.67
For Elevated Installation >10' To 15', Add	30.53	
For Elevated Installation >15' To 20', Add	61.07	
For Elevated Installation >20' To 25', Add	76.34	
For Elevated Installation >25' To 30', Add	106.87	
For Elevated Installation >30' To 35', Add	122.14	
For Elevated Installation >35' To 40', Add	152.67	
For Elevated Installation >40', Add	167.94	
For Work In Restricted Working Space, Add	91.60	
26 05 33 13-1225 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body.....	1,727.00	185.92
For Elevated Installation >10' To 15', Add	37.18	
For Elevated Installation >15' To 20', Add	74.37	
For Elevated Installation >20' To 25', Add	92.96	
For Elevated Installation >25' To 30', Add	130.14	
For Elevated Installation >30' To 35', Add	148.74	
For Elevated Installation >35' To 40', Add	185.92	
For Elevated Installation >40', Add	204.51	
For Work In Restricted Working Space, Add	111.55	
26 05 33 13-1226 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body.....	282.00	42.75
For Elevated Installation >10' To 15', Add	8.55	
For Elevated Installation >15' To 20', Add	17.10	
For Elevated Installation >20' To 25', Add	21.37	
For Elevated Installation >25' To 30', Add	29.92	
For Elevated Installation >30' To 35', Add	34.20	
For Elevated Installation >35' To 40', Add	42.75	
For Elevated Installation >40', Add	47.02	
For Work In Restricted Working Space, Add	25.65	
26 05 33 13-1227 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body.....	316.78	49.53
For Elevated Installation >10' To 15', Add	9.91	
For Elevated Installation >15' To 20', Add	19.81	
For Elevated Installation >20' To 25', Add	24.77	
For Elevated Installation >25' To 30', Add	34.67	
For Elevated Installation >30' To 35', Add	39.63	
For Elevated Installation >35' To 40', Add	49.54	
For Elevated Installation >40', Add	54.49	
For Work In Restricted Working Space, Add	29.72	
26 05 33 13-1228 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body.....	436.02	54.29
For Elevated Installation >10' To 15', Add	10.86	
For Elevated Installation >15' To 20', Add	21.71	
For Elevated Installation >20' To 25', Add	27.14	
For Elevated Installation >25' To 30', Add	38.00	
For Elevated Installation >30' To 35', Add	43.42	
For Elevated Installation >35' To 40', Add	54.28	
For Elevated Installation >40', Add	59.71	
For Work In Restricted Working Space, Add	32.57	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-1229	EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body 508.81	508.81	65.14
	For Elevated Installation >10' To 15', Add	13.03	
	For Elevated Installation >15' To 20', Add	26.06	
	For Elevated Installation >20' To 25', Add	32.57	
	For Elevated Installation >25' To 30', Add	45.60	
	For Elevated Installation >30' To 35', Add	52.11	
	For Elevated Installation >35' To 40', Add	65.14	
	For Elevated Installation >40', Add	71.65	
	For Work In Restricted Working Space, Add	39.08	
26 05 33 13-1230	EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body 763.87	763.87	91.60
	For Elevated Installation >10' To 15', Add	18.32	
	For Elevated Installation >15' To 20', Add	36.64	
	For Elevated Installation >20' To 25', Add	45.80	
	For Elevated Installation >25' To 30', Add	64.12	
	For Elevated Installation >30' To 35', Add	73.28	
	For Elevated Installation >35' To 40', Add	91.60	
	For Elevated Installation >40', Add	100.76	
	For Work In Restricted Working Space, Add	54.96	
26 05 33 13-1231	EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body 1,000.12	1,000.12	122.14
	For Elevated Installation >10' To 15', Add	24.43	
	For Elevated Installation >15' To 20', Add	48.85	
	For Elevated Installation >20' To 25', Add	61.07	
	For Elevated Installation >25' To 30', Add	85.49	
	For Elevated Installation >30' To 35', Add	97.71	
	For Elevated Installation >35' To 40', Add	122.14	
	For Elevated Installation >40', Add	134.35	
	For Work In Restricted Working Space, Add	73.28	
26 05 33 13-1232	EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body 1,452.67	1,452.67	152.67
	For Elevated Installation >10' To 15', Add	30.53	
	For Elevated Installation >15' To 20', Add	61.07	
	For Elevated Installation >20' To 25', Add	76.34	
	For Elevated Installation >25' To 30', Add	106.87	
	For Elevated Installation >30' To 35', Add	122.14	
	For Elevated Installation >35' To 40', Add	152.67	
	For Elevated Installation >40', Add	167.94	
	For Work In Restricted Working Space, Add	91.60	
26 05 33 13-1233	EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body 1,764.86	1,764.86	185.92
	For Elevated Installation >10' To 15', Add	37.18	
	For Elevated Installation >15' To 20', Add	74.37	
	For Elevated Installation >20' To 25', Add	92.96	
	For Elevated Installation >25' To 30', Add	130.14	
	For Elevated Installation >30' To 35', Add	148.74	
	For Elevated Installation >35' To 40', Add	185.92	
	For Elevated Installation >40', Add	204.51	
	For Work In Restricted Working Space, Add	111.55	
26 05 33 13-1234	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body 282.00	282.00	42.75
	For Elevated Installation >10' To 15', Add	8.55	
	For Elevated Installation >15' To 20', Add	17.10	
	For Elevated Installation >20' To 25', Add	21.37	
	For Elevated Installation >25' To 30', Add	29.92	
	For Elevated Installation >30' To 35', Add	34.20	
	For Elevated Installation >35' To 40', Add	42.75	
	For Elevated Installation >40', Add	47.02	
	For Work In Restricted Working Space, Add	25.65	
26 05 33 13-1235	EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body 316.78	316.78	49.53
	For Elevated Installation >10' To 15', Add	9.91	
	For Elevated Installation >15' To 20', Add	19.81	
	For Elevated Installation >20' To 25', Add	24.77	
	For Elevated Installation >25' To 30', Add	34.67	
	For Elevated Installation >30' To 35', Add	39.63	
	For Elevated Installation >35' To 40', Add	49.54	
	For Elevated Installation >40', Add	54.49	
	For Work In Restricted Working Space, Add	29.72	
26 05 33 13-1236	EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body 436.02	436.02	54.29
	For Elevated Installation >10' To 15', Add	10.86	
	For Elevated Installation >15' To 20', Add	21.71	
	For Elevated Installation >20' To 25', Add	27.14	
	For Elevated Installation >25' To 30', Add	38.00	
	For Elevated Installation >30' To 35', Add	43.42	
	For Elevated Installation >35' To 40', Add	54.28	
	For Elevated Installation >40', Add	59.71	
	For Work In Restricted Working Space, Add	32.57	
26 05 33 13-1237	EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body 508.81	508.81	65.14
	For Elevated Installation >10' To 15', Add	13.03	
	For Elevated Installation >15' To 20', Add	26.06	
	For Elevated Installation >20' To 25', Add	32.57	
	For Elevated Installation >25' To 30', Add	45.60	
	For Elevated Installation >30' To 35', Add	52.11	
	For Elevated Installation >35' To 40', Add	65.14	
	For Elevated Installation >40', Add	71.65	
	For Work In Restricted Working Space, Add	39.08	
26 05 33 13-1238	EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body 763.87	763.87	91.60
	For Elevated Installation >10' To 15', Add	18.32	
	For Elevated Installation >15' To 20', Add	36.64	
	For Elevated Installation >20' To 25', Add	45.80	
	For Elevated Installation >25' To 30', Add	64.12	
	For Elevated Installation >30' To 35', Add	73.28	
	For Elevated Installation >35' To 40', Add	91.60	
	For Elevated Installation >40', Add	100.76	
	For Work In Restricted Working Space, Add	54.96	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1239	EA			3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body 1,000.12		122.14
				<i>For Elevated Installation >10' To 15', Add</i>	24.43	
				<i>For Elevated Installation >15' To 20', Add</i>	48.85	
				<i>For Elevated Installation >20' To 25', Add</i>	61.07	
				<i>For Elevated Installation >25' To 30', Add</i>	85.49	
				<i>For Elevated Installation >30' To 35', Add</i>	97.71	
				<i>For Elevated Installation >35' To 40', Add</i>	122.14	
				<i>For Elevated Installation >40', Add</i>	134.35	
				<i>For Work In Restricted Working Space, Add</i>	73.28	
26 05 33 13-1240	EA			3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body 1,452.67		152.67
				<i>For Elevated Installation >10' To 15', Add</i>	30.53	
				<i>For Elevated Installation >15' To 20', Add</i>	61.07	
				<i>For Elevated Installation >20' To 25', Add</i>	76.34	
				<i>For Elevated Installation >25' To 30', Add</i>	106.87	
				<i>For Elevated Installation >30' To 35', Add</i>	122.14	
				<i>For Elevated Installation >35' To 40', Add</i>	152.67	
				<i>For Elevated Installation >40', Add</i>	167.94	
				<i>For Work In Restricted Working Space, Add</i>	91.60	
26 05 33 13-1241	EA			4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body 1,764.86		185.92
				<i>For Elevated Installation >10' To 15', Add</i>	37.18	
				<i>For Elevated Installation >15' To 20', Add</i>	74.37	
				<i>For Elevated Installation >20' To 25', Add</i>	92.96	
				<i>For Elevated Installation >25' To 30', Add</i>	130.14	
				<i>For Elevated Installation >30' To 35', Add</i>	148.74	
				<i>For Elevated Installation >35' To 40', Add</i>	185.92	
				<i>For Elevated Installation >40', Add</i>	204.51	
				<i>For Work In Restricted Working Space, Add</i>	111.55	
26 05 33 13-1242	EA			1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body 282.00		42.75
				<i>For Elevated Installation >10' To 15', Add</i>	8.55	
				<i>For Elevated Installation >15' To 20', Add</i>	17.10	
				<i>For Elevated Installation >20' To 25', Add</i>	21.37	
				<i>For Elevated Installation >25' To 30', Add</i>	29.92	
				<i>For Elevated Installation >30' To 35', Add</i>	34.20	
				<i>For Elevated Installation >35' To 40', Add</i>	42.75	
				<i>For Elevated Installation >40', Add</i>	47.02	
				<i>For Work In Restricted Working Space, Add</i>	25.65	
26 05 33 13-1243	EA			1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body 316.78		49.53
				<i>For Elevated Installation >10' To 15', Add</i>	9.91	
				<i>For Elevated Installation >15' To 20', Add</i>	19.81	
				<i>For Elevated Installation >20' To 25', Add</i>	24.77	
				<i>For Elevated Installation >25' To 30', Add</i>	34.67	
				<i>For Elevated Installation >30' To 35', Add</i>	39.63	
				<i>For Elevated Installation >35' To 40', Add</i>	49.54	
				<i>For Elevated Installation >40', Add</i>	54.49	
				<i>For Work In Restricted Working Space, Add</i>	29.72	
26 05 33 13-1244	EA			1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body 437.23		54.29
				<i>For Elevated Installation >10' To 15', Add</i>	10.86	
				<i>For Elevated Installation >15' To 20', Add</i>	21.71	
				<i>For Elevated Installation >20' To 25', Add</i>	27.14	
				<i>For Elevated Installation >25' To 30', Add</i>	38.00	
				<i>For Elevated Installation >30' To 35', Add</i>	43.42	
				<i>For Elevated Installation >35' To 40', Add</i>	54.28	
				<i>For Elevated Installation >40', Add</i>	59.71	
				<i>For Work In Restricted Working Space, Add</i>	32.57	
26 05 33 13-1245	EA			2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body 515.38		65.14
				<i>For Elevated Installation >10' To 15', Add</i>	13.03	
				<i>For Elevated Installation >15' To 20', Add</i>	26.06	
				<i>For Elevated Installation >20' To 25', Add</i>	32.57	
				<i>For Elevated Installation >25' To 30', Add</i>	45.60	
				<i>For Elevated Installation >30' To 35', Add</i>	52.11	
				<i>For Elevated Installation >35' To 40', Add</i>	65.14	
				<i>For Elevated Installation >40', Add</i>	71.65	
				<i>For Work In Restricted Working Space, Add</i>	39.08	
26 05 33 13-1246	EA			2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body 752.64		91.60
				<i>For Elevated Installation >10' To 15', Add</i>	18.32	
				<i>For Elevated Installation >15' To 20', Add</i>	36.64	
				<i>For Elevated Installation >20' To 25', Add</i>	45.80	
				<i>For Elevated Installation >25' To 30', Add</i>	64.12	
				<i>For Elevated Installation >30' To 35', Add</i>	73.28	
				<i>For Elevated Installation >35' To 40', Add</i>	91.60	
				<i>For Elevated Installation >40', Add</i>	100.76	
				<i>For Work In Restricted Working Space, Add</i>	54.96	
26 05 33 13-1247	EA			3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body 949.75		122.14
				<i>For Elevated Installation >10' To 15', Add</i>	24.43	
				<i>For Elevated Installation >15' To 20', Add</i>	48.85	
				<i>For Elevated Installation >20' To 25', Add</i>	61.07	
				<i>For Elevated Installation >25' To 30', Add</i>	85.49	
				<i>For Elevated Installation >30' To 35', Add</i>	97.71	
				<i>For Elevated Installation >35' To 40', Add</i>	122.14	
				<i>For Elevated Installation >40', Add</i>	134.35	
				<i>For Work In Restricted Working Space, Add</i>	73.28	
26 05 33 13-1248	EA			3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body 1,391.86		152.67
				<i>For Elevated Installation >10' To 15', Add</i>	30.53	
				<i>For Elevated Installation >15' To 20', Add</i>	61.07	
				<i>For Elevated Installation >20' To 25', Add</i>	76.34	
				<i>For Elevated Installation >25' To 30', Add</i>	106.87	
				<i>For Elevated Installation >30' To 35', Add</i>	122.14	
				<i>For Elevated Installation >35' To 40', Add</i>	152.67	
				<i>For Elevated Installation >40', Add</i>	167.94	
				<i>For Work In Restricted Working Space, Add</i>	91.60	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-1249	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body.....	1,742.77	185.92
		<i>For Elevated Installation >10' To 15', Add</i>	37.18	
		<i>For Elevated Installation >15' To 20', Add</i>	74.37	
		<i>For Elevated Installation >20' To 25', Add</i>	92.96	
		<i>For Elevated Installation >25' To 30', Add</i>	130.14	
		<i>For Elevated Installation >30' To 35', Add</i>	148.74	
		<i>For Elevated Installation >35' To 40', Add</i>	185.92	
		<i>For Elevated Installation >40', Add</i>	204.51	
		<i>For Work In Restricted Working Space, Add</i>	111.55	

26 05 33 13-1250 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Covers (26 05 33 13-0847)

26 05 33 13-1251	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	140.24	6.11
		<i>For Elevated Installation >10' To 15', Add</i>	1.22	
		<i>For Elevated Installation >15' To 20', Add</i>	2.44	
		<i>For Elevated Installation >20' To 25', Add</i>	3.05	
		<i>For Elevated Installation >25' To 30', Add</i>	4.27	
		<i>For Elevated Installation >30' To 35', Add</i>	4.88	
		<i>For Elevated Installation >35' To 40', Add</i>	6.11	
		<i>For Elevated Installation >40', Add</i>	6.72	
		<i>For Work In Restricted Working Space, Add</i>	3.66	
26 05 33 13-1252	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	141.60	6.79
		<i>For Elevated Installation >10' To 15', Add</i>	1.36	
		<i>For Elevated Installation >15' To 20', Add</i>	2.71	
		<i>For Elevated Installation >20' To 25', Add</i>	3.39	
		<i>For Elevated Installation >25' To 30', Add</i>	4.75	
		<i>For Elevated Installation >30' To 35', Add</i>	5.43	
		<i>For Elevated Installation >35' To 40', Add</i>	6.79	
		<i>For Elevated Installation >40', Add</i>	7.46	
		<i>For Work In Restricted Working Space, Add</i>	4.07	
26 05 33 13-1253	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	200.18	9.50
		<i>For Elevated Installation >10' To 15', Add</i>	1.90	
		<i>For Elevated Installation >15' To 20', Add</i>	3.80	
		<i>For Elevated Installation >20' To 25', Add</i>	4.75	
		<i>For Elevated Installation >25' To 30', Add</i>	6.65	
		<i>For Elevated Installation >30' To 35', Add</i>	7.60	
		<i>For Elevated Installation >35' To 40', Add</i>	9.50	
		<i>For Elevated Installation >40', Add</i>	10.45	
		<i>For Work In Restricted Working Space, Add</i>	5.70	
26 05 33 13-1254	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	202.89	10.86
		<i>For Elevated Installation >10' To 15', Add</i>	2.17	
		<i>For Elevated Installation >15' To 20', Add</i>	4.34	
		<i>For Elevated Installation >20' To 25', Add</i>	5.43	
		<i>For Elevated Installation >25' To 30', Add</i>	7.60	
		<i>For Elevated Installation >30' To 35', Add</i>	8.68	
		<i>For Elevated Installation >35' To 40', Add</i>	10.86	
		<i>For Elevated Installation >40', Add</i>	11.94	
		<i>For Work In Restricted Working Space, Add</i>	6.51	
26 05 33 13-1255	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	354.54	12.89
		<i>For Elevated Installation >10' To 15', Add</i>	2.58	
		<i>For Elevated Installation >15' To 20', Add</i>	5.16	
		<i>For Elevated Installation >20' To 25', Add</i>	6.45	
		<i>For Elevated Installation >25' To 30', Add</i>	9.02	
		<i>For Elevated Installation >30' To 35', Add</i>	10.31	
		<i>For Elevated Installation >35' To 40', Add</i>	12.89	
		<i>For Elevated Installation >40', Add</i>	14.18	
		<i>For Work In Restricted Working Space, Add</i>	7.73	
26 05 33 13-1256	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	361.33	16.28
		<i>For Elevated Installation >10' To 15', Add</i>	3.26	
		<i>For Elevated Installation >15' To 20', Add</i>	6.51	
		<i>For Elevated Installation >20' To 25', Add</i>	8.14	
		<i>For Elevated Installation >25' To 30', Add</i>	11.40	
		<i>For Elevated Installation >30' To 35', Add</i>	13.03	
		<i>For Elevated Installation >35' To 40', Add</i>	16.29	
		<i>For Elevated Installation >40', Add</i>	17.91	
		<i>For Work In Restricted Working Space, Add</i>	9.77	
26 05 33 13-1257	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	544.24	18.32
		<i>For Elevated Installation >10' To 15', Add</i>	3.66	
		<i>For Elevated Installation >15' To 20', Add</i>	7.33	
		<i>For Elevated Installation >20' To 25', Add</i>	9.16	
		<i>For Elevated Installation >25' To 30', Add</i>	12.82	
		<i>For Elevated Installation >30' To 35', Add</i>	14.66	
		<i>For Elevated Installation >35' To 40', Add</i>	18.32	
		<i>For Elevated Installation >40', Add</i>	20.15	
		<i>For Work In Restricted Working Space, Add</i>	10.99	
26 05 33 13-1258	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	555.10	23.74
		<i>For Elevated Installation >10' To 15', Add</i>	4.75	
		<i>For Elevated Installation >15' To 20', Add</i>	9.50	
		<i>For Elevated Installation >20' To 25', Add</i>	11.88	
		<i>For Elevated Installation >25' To 30', Add</i>	16.63	
		<i>For Elevated Installation >30' To 35', Add</i>	19.00	
		<i>For Elevated Installation >35' To 40', Add</i>	23.75	
		<i>For Elevated Installation >40', Add</i>	26.13	
		<i>For Work In Restricted Working Space, Add</i>	14.25	

MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-1259	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fittings <small>(26 05 33 13-0847)</small>		
26 05 33 13-1260	EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	241.50	16.97
	For Elevated Installation >10' To 15', Add	3.39	
	For Elevated Installation >15' To 20', Add	6.79	
	For Elevated Installation >20' To 25', Add	8.48	
	For Elevated Installation >25' To 30', Add	11.88	
	For Elevated Installation >30' To 35', Add	13.57	
	For Elevated Installation >35' To 40', Add	16.97	
	For Elevated Installation >40', Add	18.66	
	For Work In Restricted Working Space, Add	10.18	
26 05 33 13-1261	EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	285.33	21.04
	For Elevated Installation >10' To 15', Add	4.21	
	For Elevated Installation >15' To 20', Add	8.41	
	For Elevated Installation >20' To 25', Add	10.52	
	For Elevated Installation >25' To 30', Add	14.72	
	For Elevated Installation >30' To 35', Add	16.83	
	For Elevated Installation >35' To 40', Add	21.04	
	For Elevated Installation >40', Add	23.14	
	For Work In Restricted Working Space, Add	12.62	
26 05 33 13-1262	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	337.74	25.78
	For Elevated Installation >10' To 15', Add	5.16	
	For Elevated Installation >15' To 20', Add	10.31	
	For Elevated Installation >20' To 25', Add	12.89	
	For Elevated Installation >25' To 30', Add	18.05	
	For Elevated Installation >30' To 35', Add	20.63	
	For Elevated Installation >35' To 40', Add	25.79	
	For Elevated Installation >40', Add	28.36	
	For Work In Restricted Working Space, Add	15.47	
26 05 33 13-1263	EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	416.07	29.85
	For Elevated Installation >10' To 15', Add	5.97	
	For Elevated Installation >15' To 20', Add	11.94	
	For Elevated Installation >20' To 25', Add	14.93	
	For Elevated Installation >25' To 30', Add	20.90	
	For Elevated Installation >30' To 35', Add	23.88	
	For Elevated Installation >35' To 40', Add	29.86	
	For Elevated Installation >40', Add	32.84	
	For Work In Restricted Working Space, Add	17.91	
26 05 33 13-1264	EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	556.23	33.93
	For Elevated Installation >10' To 15', Add	6.79	
	For Elevated Installation >15' To 20', Add	13.57	
	For Elevated Installation >20' To 25', Add	16.96	
	For Elevated Installation >25' To 30', Add	23.75	
	For Elevated Installation >30' To 35', Add	27.14	
	For Elevated Installation >35' To 40', Add	33.93	
	For Elevated Installation >40', Add	37.32	
	For Work In Restricted Working Space, Add	20.36	
26 05 33 13-1265	EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	770.15	37.32
	For Elevated Installation >10' To 15', Add	7.46	
	For Elevated Installation >15' To 20', Add	14.93	
	For Elevated Installation >20' To 25', Add	18.66	
	For Elevated Installation >25' To 30', Add	26.12	
	For Elevated Installation >30' To 35', Add	29.66	
	For Elevated Installation >35' To 40', Add	37.32	
	For Elevated Installation >40', Add	41.05	
	For Work In Restricted Working Space, Add	22.39	
26 05 33 13-1266	EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	1,099.91	46.82
	For Elevated Installation >10' To 15', Add	9.36	
	For Elevated Installation >15' To 20', Add	18.73	
	For Elevated Installation >20' To 25', Add	23.41	
	For Elevated Installation >25' To 30', Add	32.77	
	For Elevated Installation >30' To 35', Add	37.45	
	For Elevated Installation >35' To 40', Add	46.82	
	For Elevated Installation >40', Add	51.50	
	For Work In Restricted Working Space, Add	28.09	
26 05 33 13-1267	EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	1,367.66	63.78
	For Elevated Installation >10' To 15', Add	12.76	
	For Elevated Installation >15' To 20', Add	25.51	
	For Elevated Installation >20' To 25', Add	31.89	
	For Elevated Installation >25' To 30', Add	44.65	
	For Elevated Installation >30' To 35', Add	51.02	
	For Elevated Installation >35' To 40', Add	63.78	
	For Elevated Installation >40', Add	70.16	
	For Work In Restricted Working Space, Add	38.27	
26 05 33 13-1268	EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	1,918.95	71.92
	For Elevated Installation >10' To 15', Add	14.39	
	For Elevated Installation >15' To 20', Add	28.77	
	For Elevated Installation >20' To 25', Add	35.96	
	For Elevated Installation >25' To 30', Add	50.35	
	For Elevated Installation >30' To 35', Add	57.54	
	For Elevated Installation >35' To 40', Add	71.93	
	For Elevated Installation >40', Add	79.12	
	For Work In Restricted Working Space, Add	43.16	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-1269	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	2,211.62	93.63
		<i>For Elevated Installation >10' To 15', Add</i>	18.73	
		<i>For Elevated Installation >15' To 20', Add</i>	37.45	
		<i>For Elevated Installation >20' To 25', Add</i>	46.82	
		<i>For Elevated Installation >25' To 30', Add</i>	65.54	
		<i>For Elevated Installation >30' To 35', Add</i>	74.91	
		<i>For Elevated Installation >35' To 40', Add</i>	93.64	
		<i>For Elevated Installation >40', Add</i>	103.00	
		<i>For Work In Restricted Working Space, Add</i>	56.18	

26 05 33 13-1270 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fittings With Bonding Jumper (26 05 33 13-0847)

26 05 33 13-1271	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	383.70	16.97
		<i>For Elevated Installation >10' To 15', Add</i>	3.39	
		<i>For Elevated Installation >15' To 20', Add</i>	6.79	
		<i>For Elevated Installation >20' To 25', Add</i>	8.48	
		<i>For Elevated Installation >25' To 30', Add</i>	11.88	
		<i>For Elevated Installation >30' To 35', Add</i>	13.57	
		<i>For Elevated Installation >35' To 40', Add</i>	16.97	
		<i>For Elevated Installation >40', Add</i>	18.66	
		<i>For Work In Restricted Working Space, Add</i>	10.18	
26 05 33 13-1272	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	398.43	21.04
		<i>For Elevated Installation >10' To 15', Add</i>	4.21	
		<i>For Elevated Installation >15' To 20', Add</i>	8.41	
		<i>For Elevated Installation >20' To 25', Add</i>	10.52	
		<i>For Elevated Installation >25' To 30', Add</i>	14.72	
		<i>For Elevated Installation >30' To 35', Add</i>	16.83	
		<i>For Elevated Installation >35' To 40', Add</i>	21.04	
		<i>For Elevated Installation >40', Add</i>	23.14	
		<i>For Work In Restricted Working Space, Add</i>	12.62	
26 05 33 13-1273	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	447.49	25.78
		<i>For Elevated Installation >10' To 15', Add</i>	5.16	
		<i>For Elevated Installation >15' To 20', Add</i>	10.31	
		<i>For Elevated Installation >20' To 25', Add</i>	12.89	
		<i>For Elevated Installation >25' To 30', Add</i>	18.05	
		<i>For Elevated Installation >30' To 35', Add</i>	20.63	
		<i>For Elevated Installation >35' To 40', Add</i>	25.79	
		<i>For Elevated Installation >40', Add</i>	28.36	
		<i>For Work In Restricted Working Space, Add</i>	15.47	
26 05 33 13-1274	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	541.49	29.85
		<i>For Elevated Installation >10' To 15', Add</i>	5.97	
		<i>For Elevated Installation >15' To 20', Add</i>	11.94	
		<i>For Elevated Installation >20' To 25', Add</i>	14.93	
		<i>For Elevated Installation >25' To 30', Add</i>	20.90	
		<i>For Elevated Installation >30' To 35', Add</i>	23.88	
		<i>For Elevated Installation >35' To 40', Add</i>	29.86	
		<i>For Elevated Installation >40', Add</i>	32.84	
		<i>For Work In Restricted Working Space, Add</i>	17.91	
26 05 33 13-1275	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	656.36	33.93
		<i>For Elevated Installation >10' To 15', Add</i>	6.79	
		<i>For Elevated Installation >15' To 20', Add</i>	13.57	
		<i>For Elevated Installation >20' To 25', Add</i>	16.96	
		<i>For Elevated Installation >25' To 30', Add</i>	23.75	
		<i>For Elevated Installation >30' To 35', Add</i>	27.14	
		<i>For Elevated Installation >35' To 40', Add</i>	33.93	
		<i>For Elevated Installation >40', Add</i>	37.32	
		<i>For Work In Restricted Working Space, Add</i>	20.36	
26 05 33 13-1276	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	839.09	37.32
		<i>For Elevated Installation >10' To 15', Add</i>	7.46	
		<i>For Elevated Installation >15' To 20', Add</i>	14.93	
		<i>For Elevated Installation >20' To 25', Add</i>	18.66	
		<i>For Elevated Installation >25' To 30', Add</i>	26.12	
		<i>For Elevated Installation >30' To 35', Add</i>	29.86	
		<i>For Elevated Installation >35' To 40', Add</i>	37.32	
		<i>For Elevated Installation >40', Add</i>	41.05	
		<i>For Work In Restricted Working Space, Add</i>	22.39	
26 05 33 13-1277	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	1,238.78	46.82
		<i>For Elevated Installation >10' To 15', Add</i>	9.36	
		<i>For Elevated Installation >15' To 20', Add</i>	18.73	
		<i>For Elevated Installation >20' To 25', Add</i>	23.41	
		<i>For Elevated Installation >25' To 30', Add</i>	32.77	
		<i>For Elevated Installation >30' To 35', Add</i>	37.45	
		<i>For Elevated Installation >35' To 40', Add</i>	46.82	
		<i>For Elevated Installation >40', Add</i>	51.50	
		<i>For Work In Restricted Working Space, Add</i>	28.09	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-1278	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	1,553.23	63.78
			<i>For Elevated Installation >10' To 15', Add</i>	12.76	
			<i>For Elevated Installation >15' To 20', Add</i>	25.51	
			<i>For Elevated Installation >20' To 25', Add</i>	31.89	
			<i>For Elevated Installation >25' To 30', Add</i>	44.65	
			<i>For Elevated Installation >30' To 35', Add</i>	51.02	
			<i>For Elevated Installation >35' To 40', Add</i>	63.78	
			<i>For Elevated Installation >40', Add</i>	70.16	
			<i>For Work In Restricted Working Space, Add</i>	38.27	
			26 05 33 13-1279	EA		3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper .....	1,978.86	71.92
<i>For Elevated Installation >10' To 15', Add</i>	14.39				
<i>For Elevated Installation >15' To 20', Add</i>	28.77				
<i>For Elevated Installation >20' To 25', Add</i>	35.96				
<i>For Elevated Installation >25' To 30', Add</i>	50.35				
<i>For Elevated Installation >30' To 35', Add</i>	57.54				
<i>For Elevated Installation >35' To 40', Add</i>	71.93				
<i>For Elevated Installation >40', Add</i>	79.12				
<i>For Work In Restricted Working Space, Add</i>	43.16				
26 05 33 13-1280	EA					4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper .....	2,476.95	93.63
			<i>For Elevated Installation >10' To 15', Add</i>	18.73	
			<i>For Elevated Installation >15' To 20', Add</i>	37.45	
			<i>For Elevated Installation >20' To 25', Add</i>	46.82	
			<i>For Elevated Installation >25' To 30', Add</i>	65.54	
			<i>For Elevated Installation >30' To 35', Add</i>	74.91	
			<i>For Elevated Installation >35' To 40', Add</i>	93.64	
			<i>For Elevated Installation >40', Add</i>	103.00	
			<i>For Work In Restricted Working Space, Add</i>	56.18	

26 05 33 13-1281 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STG Knockout Hubs (26 05 33 13-0847)

26 05 33 13-1282	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	79.79	8.14
			<i>For Elevated Installation >10' To 15', Add</i>	1.63	
			<i>For Elevated Installation >15' To 20', Add</i>	3.26	
			<i>For Elevated Installation >20' To 25', Add</i>	4.07	
			<i>For Elevated Installation >25' To 30', Add</i>	5.70	
			<i>For Elevated Installation >30' To 35', Add</i>	6.51	
			<i>For Elevated Installation >35' To 40', Add</i>	8.14	
			<i>For Elevated Installation >40', Add</i>	8.95	
			<i>For Work In Restricted Working Space, Add</i>	4.88	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.88	
26 05 33 13-1283	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	86.54	10.18
			<i>For Elevated Installation >10' To 15', Add</i>	2.04	
			<i>For Elevated Installation >15' To 20', Add</i>	4.07	
			<i>For Elevated Installation >20' To 25', Add</i>	5.09	
			<i>For Elevated Installation >25' To 30', Add</i>	7.12	
			<i>For Elevated Installation >30' To 35', Add</i>	8.14	
			<i>For Elevated Installation >35' To 40', Add</i>	10.18	
			<i>For Elevated Installation >40', Add</i>	11.19	
			<i>For Work In Restricted Working Space, Add</i>	6.11	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.11	
26 05 33 13-1284	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	95.23	12.21
			<i>For Elevated Installation >10' To 15', Add</i>	2.44	
			<i>For Elevated Installation >15' To 20', Add</i>	4.89	
			<i>For Elevated Installation >20' To 25', Add</i>	6.11	
			<i>For Elevated Installation >25' To 30', Add</i>	8.55	
			<i>For Elevated Installation >30' To 35', Add</i>	9.77	
			<i>For Elevated Installation >35' To 40', Add</i>	12.22	
			<i>For Elevated Installation >40', Add</i>	13.44	
			<i>For Work In Restricted Working Space, Add</i>	7.33	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.33	
26 05 33 13-1285	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	107.75	14.93
			<i>For Elevated Installation >10' To 15', Add</i>	2.99	
			<i>For Elevated Installation >15' To 20', Add</i>	5.97	
			<i>For Elevated Installation >20' To 25', Add</i>	7.46	
			<i>For Elevated Installation >25' To 30', Add</i>	10.45	
			<i>For Elevated Installation >30' To 35', Add</i>	11.94	
			<i>For Elevated Installation >35' To 40', Add</i>	14.93	
			<i>For Elevated Installation >40', Add</i>	16.42	
			<i>For Work In Restricted Working Space, Add</i>	8.96	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.96	
26 05 33 13-1286	EA		1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	144.89	16.97
			<i>For Elevated Installation >10' To 15', Add</i>	3.39	
			<i>For Elevated Installation >15' To 20', Add</i>	6.79	
			<i>For Elevated Installation >20' To 25', Add</i>	8.48	
			<i>For Elevated Installation >25' To 30', Add</i>	11.88	
			<i>For Elevated Installation >30' To 35', Add</i>	13.57	
			<i>For Elevated Installation >35' To 40', Add</i>	16.97	
			<i>For Elevated Installation >40', Add</i>	18.66	
			<i>For Work In Restricted Working Space, Add</i>	10.18	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.18	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-1287	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	177.01	19.00
		<i>For Elevated Installation >10' To 15', Add</i>	3.80	
		<i>For Elevated Installation >15' To 20', Add</i>	7.60	
		<i>For Elevated Installation >20' To 25', Add</i>	9.50	
		<i>For Elevated Installation >25' To 30', Add</i>	13.30	
		<i>For Elevated Installation >30' To 35', Add</i>	15.20	
		<i>For Elevated Installation >35' To 40', Add</i>	19.00	
		<i>For Elevated Installation >40', Add</i>	20.90	
		<i>For Work In Restricted Working Space, Add</i>	11.40	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.40	
26 05 33 13-1288	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	253.33	23.74
		<i>For Elevated Installation >10' To 15', Add</i>	4.75	
		<i>For Elevated Installation >15' To 20', Add</i>	9.50	
		<i>For Elevated Installation >20' To 25', Add</i>	11.88	
		<i>For Elevated Installation >25' To 30', Add</i>	16.63	
		<i>For Elevated Installation >30' To 35', Add</i>	19.00	
		<i>For Elevated Installation >35' To 40', Add</i>	23.75	
		<i>For Elevated Installation >40', Add</i>	26.13	
		<i>For Work In Restricted Working Space, Add</i>	14.25	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.25	
26 05 33 13-1289	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	330.73	31.89
		<i>For Elevated Installation >10' To 15', Add</i>	6.38	
		<i>For Elevated Installation >15' To 20', Add</i>	12.76	
		<i>For Elevated Installation >20' To 25', Add</i>	15.95	
		<i>For Elevated Installation >25' To 30', Add</i>	22.32	
		<i>For Elevated Installation >30' To 35', Add</i>	25.51	
		<i>For Elevated Installation >35' To 40', Add</i>	31.89	
		<i>For Elevated Installation >40', Add</i>	35.08	
		<i>For Work In Restricted Working Space, Add</i>	19.13	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.13	
26 05 33 13-1290	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	422.20	35.97
		<i>For Elevated Installation >10' To 15', Add</i>	7.19	
		<i>For Elevated Installation >15' To 20', Add</i>	14.38	
		<i>For Elevated Installation >20' To 25', Add</i>	17.98	
		<i>For Elevated Installation >25' To 30', Add</i>	25.17	
		<i>For Elevated Installation >30' To 35', Add</i>	28.77	
		<i>For Elevated Installation >35' To 40', Add</i>	35.96	
		<i>For Elevated Installation >40', Add</i>	39.56	
		<i>For Work In Restricted Working Space, Add</i>	21.58	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.58	
26 05 33 13-1291	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	531.03	46.82
		<i>For Elevated Installation >10' To 15', Add</i>	9.36	
		<i>For Elevated Installation >15' To 20', Add</i>	18.73	
		<i>For Elevated Installation >20' To 25', Add</i>	23.41	
		<i>For Elevated Installation >25' To 30', Add</i>	32.77	
		<i>For Elevated Installation >30' To 35', Add</i>	37.45	
		<i>For Elevated Installation >35' To 40', Add</i>	46.82	
		<i>For Elevated Installation >40', Add</i>	51.50	
		<i>For Work In Restricted Working Space, Add</i>	28.09	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.09	
26 05 33 13-1292	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	660.67	75.99
		<i>For Elevated Installation >10' To 15', Add</i>	15.20	
		<i>For Elevated Installation >15' To 20', Add</i>	30.40	
		<i>For Elevated Installation >20' To 25', Add</i>	38.00	
		<i>For Elevated Installation >25' To 30', Add</i>	53.20	
		<i>For Elevated Installation >30' To 35', Add</i>	60.80	
		<i>For Elevated Installation >35' To 40', Add</i>	76.00	
		<i>For Elevated Installation >40', Add</i>	83.59	
		<i>For Work In Restricted Working Space, Add</i>	45.60	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	45.60	
26 05 33 13-1293	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	996.40	114.67
		<i>For Elevated Installation >10' To 15', Add</i>	22.93	
		<i>For Elevated Installation >15' To 20', Add</i>	45.87	
		<i>For Elevated Installation >20' To 25', Add</i>	57.34	
		<i>For Elevated Installation >25' To 30', Add</i>	80.27	
		<i>For Elevated Installation >30' To 35', Add</i>	91.74	
		<i>For Elevated Installation >35' To 40', Add</i>	114.67	
		<i>For Elevated Installation >40', Add</i>	126.14	
		<i>For Work In Restricted Working Space, Add</i>	68.80	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	68.80	

26 05 33 13-1294 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STTB Knockout Hubs

26 05 33 13-1295	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	120.18	8.14
		<i>For Elevated Installation >10' To 15', Add</i>	1.63	
		<i>For Elevated Installation >15' To 20', Add</i>	3.26	
		<i>For Elevated Installation >20' To 25', Add</i>	4.07	
		<i>For Elevated Installation >25' To 30', Add</i>	5.70	
		<i>For Elevated Installation >30' To 35', Add</i>	6.51	
		<i>For Elevated Installation >35' To 40', Add</i>	8.14	
		<i>For Elevated Installation >40', Add</i>	8.95	
		<i>For Work In Restricted Working Space, Add</i>	4.88	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.88	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1296 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub.....	127.23	10.18
For Elevated Installation >10' To 15', Add	2.04	
For Elevated Installation >15' To 20', Add	4.07	
For Elevated Installation >20' To 25', Add	5.09	
For Elevated Installation >25' To 30', Add	7.12	
For Elevated Installation >30' To 35', Add	8.14	
For Elevated Installation >35' To 40', Add	10.18	
For Elevated Installation >40', Add	11.19	
For Work In Restricted Working Space, Add	6.11	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.11	
26 05 33 13-1297 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub.....	136.81	12.21
For Elevated Installation >10' To 15', Add	2.44	
For Elevated Installation >15' To 20', Add	4.89	
For Elevated Installation >20' To 25', Add	6.11	
For Elevated Installation >25' To 30', Add	8.55	
For Elevated Installation >30' To 35', Add	9.77	
For Elevated Installation >35' To 40', Add	12.22	
For Elevated Installation >40', Add	13.44	
For Work In Restricted Working Space, Add	7.33	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.33	
26 05 33 13-1298 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	156.24	14.93
For Elevated Installation >10' To 15', Add	2.99	
For Elevated Installation >15' To 20', Add	5.97	
For Elevated Installation >20' To 25', Add	7.46	
For Elevated Installation >25' To 30', Add	10.45	
For Elevated Installation >30' To 35', Add	11.94	
For Elevated Installation >35' To 40', Add	14.93	
For Elevated Installation >40', Add	16.42	
For Work In Restricted Working Space, Add	8.96	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.96	
26 05 33 13-1299 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	167.78	16.97
For Elevated Installation >10' To 15', Add	3.39	
For Elevated Installation >15' To 20', Add	6.79	
For Elevated Installation >20' To 25', Add	8.48	
For Elevated Installation >25' To 30', Add	11.88	
For Elevated Installation >30' To 35', Add	13.57	
For Elevated Installation >35' To 40', Add	16.97	
For Elevated Installation >40', Add	18.66	
For Work In Restricted Working Space, Add	10.18	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.18	
26 05 33 13-1300 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub.....	189.76	19.00
For Elevated Installation >10' To 15', Add	3.80	
For Elevated Installation >15' To 20', Add	7.60	
For Elevated Installation >20' To 25', Add	9.50	
For Elevated Installation >25' To 30', Add	13.30	
For Elevated Installation >30' To 35', Add	15.20	
For Elevated Installation >35' To 40', Add	19.00	
For Elevated Installation >40', Add	20.90	
For Work In Restricted Working Space, Add	11.40	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.40	
26 05 33 13-1301 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	289.12	23.74
For Elevated Installation >10' To 15', Add	4.75	
For Elevated Installation >15' To 20', Add	9.50	
For Elevated Installation >20' To 25', Add	11.88	
For Elevated Installation >25' To 30', Add	16.63	
For Elevated Installation >30' To 35', Add	19.00	
For Elevated Installation >35' To 40', Add	23.75	
For Elevated Installation >40', Add	26.13	
For Work In Restricted Working Space, Add	14.25	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.25	
26 05 33 13-1302 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub.....	346.16	31.89
For Elevated Installation >10' To 15', Add	6.38	
For Elevated Installation >15' To 20', Add	12.76	
For Elevated Installation >20' To 25', Add	15.95	
For Elevated Installation >25' To 30', Add	22.32	
For Elevated Installation >30' To 35', Add	25.51	
For Elevated Installation >35' To 40', Add	31.89	
For Elevated Installation >40', Add	35.08	
For Work In Restricted Working Space, Add	19.13	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.13	
26 05 33 13-1303 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	425.53	35.97
For Elevated Installation >10' To 15', Add	7.19	
For Elevated Installation >15' To 20', Add	14.38	
For Elevated Installation >20' To 25', Add	17.98	
For Elevated Installation >25' To 30', Add	25.17	
For Elevated Installation >30' To 35', Add	28.77	
For Elevated Installation >35' To 40', Add	35.96	
For Elevated Installation >40', Add	39.56	
For Work In Restricted Working Space, Add	21.58	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.58	
26 05 33 13-1304 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub.....	552.55	46.82
For Elevated Installation >10' To 15', Add	9.36	
For Elevated Installation >15' To 20', Add	18.73	
For Elevated Installation >20' To 25', Add	23.41	
For Elevated Installation >25' To 30', Add	32.77	
For Elevated Installation >30' To 35', Add	37.45	
For Elevated Installation >35' To 40', Add	46.82	
For Elevated Installation >40', Add	51.50	
For Work In Restricted Working Space, Add	28.09	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	28.09	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-1305	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub.....	859.65	75.99
		<i>For Elevated Installation >10' To 15', Add</i>	15.20	
		<i>For Elevated Installation >15' To 20', Add</i>	30.40	
		<i>For Elevated Installation >20' To 25', Add</i>	38.00	
		<i>For Elevated Installation >25' To 30', Add</i>	53.20	
		<i>For Elevated Installation >30' To 35', Add</i>	60.80	
		<i>For Elevated Installation >35' To 40', Add</i>	76.00	
		<i>For Elevated Installation >40', Add</i>	83.59	
		<i>For Work In Restricted Working Space, Add</i>	45.60	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	45.60	
26 05 33 13-1306	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub.....	1,406.44	114.67
		<i>For Elevated Installation >10' To 15', Add</i>	22.93	
		<i>For Elevated Installation >15' To 20', Add</i>	45.87	
		<i>For Elevated Installation >20' To 25', Add</i>	57.34	
		<i>For Elevated Installation >25' To 30', Add</i>	80.27	
		<i>For Elevated Installation >30' To 35', Add</i>	91.74	
		<i>For Elevated Installation >35' To 40', Add</i>	114.67	
		<i>For Elevated Installation >40', Add</i>	126.14	
		<i>For Work In Restricted Working Space, Add</i>	68.80	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	68.80	

26 05 33 13-1307 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STTB Knockout Hubs

(26 05 33 13-0847)

26 05 33 13-1308	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	129.17	8.14
		<i>For Elevated Installation >10' To 15', Add</i>	1.63	
		<i>For Elevated Installation >15' To 20', Add</i>	3.26	
		<i>For Elevated Installation >20' To 25', Add</i>	4.07	
		<i>For Elevated Installation >25' To 30', Add</i>	5.70	
		<i>For Elevated Installation >30' To 35', Add</i>	6.51	
		<i>For Elevated Installation >35' To 40', Add</i>	8.14	
		<i>For Elevated Installation >40', Add</i>	8.95	
		<i>For Work In Restricted Working Space, Add</i>	4.88	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.88	
26 05 33 13-1309	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	135.75	10.18
		<i>For Elevated Installation >10' To 15', Add</i>	2.04	
		<i>For Elevated Installation >15' To 20', Add</i>	4.07	
		<i>For Elevated Installation >20' To 25', Add</i>	5.09	
		<i>For Elevated Installation >25' To 30', Add</i>	7.12	
		<i>For Elevated Installation >30' To 35', Add</i>	8.14	
		<i>For Elevated Installation >35' To 40', Add</i>	10.18	
		<i>For Elevated Installation >40', Add</i>	11.19	
		<i>For Work In Restricted Working Space, Add</i>	6.11	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.11	
26 05 33 13-1310	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	145.72	12.21
		<i>For Elevated Installation >10' To 15', Add</i>	2.44	
		<i>For Elevated Installation >15' To 20', Add</i>	4.89	
		<i>For Elevated Installation >20' To 25', Add</i>	6.11	
		<i>For Elevated Installation >25' To 30', Add</i>	8.55	
		<i>For Elevated Installation >30' To 35', Add</i>	9.77	
		<i>For Elevated Installation >35' To 40', Add</i>	12.22	
		<i>For Elevated Installation >40', Add</i>	13.44	
		<i>For Work In Restricted Working Space, Add</i>	7.33	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.33	
26 05 33 13-1311	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	183.28	14.93
		<i>For Elevated Installation >10' To 15', Add</i>	2.99	
		<i>For Elevated Installation >15' To 20', Add</i>	5.97	
		<i>For Elevated Installation >20' To 25', Add</i>	7.46	
		<i>For Elevated Installation >25' To 30', Add</i>	10.45	
		<i>For Elevated Installation >30' To 35', Add</i>	11.94	
		<i>For Elevated Installation >35' To 40', Add</i>	14.93	
		<i>For Elevated Installation >40', Add</i>	16.42	
		<i>For Work In Restricted Working Space, Add</i>	8.96	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.96	
26 05 33 13-1312	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	200.42	16.97
		<i>For Elevated Installation >10' To 15', Add</i>	3.39	
		<i>For Elevated Installation >15' To 20', Add</i>	6.79	
		<i>For Elevated Installation >20' To 25', Add</i>	8.48	
		<i>For Elevated Installation >25' To 30', Add</i>	11.88	
		<i>For Elevated Installation >30' To 35', Add</i>	13.57	
		<i>For Elevated Installation >35' To 40', Add</i>	16.97	
		<i>For Elevated Installation >40', Add</i>	18.66	
		<i>For Work In Restricted Working Space, Add</i>	10.18	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.18	
26 05 33 13-1313	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	212.29	19.00
		<i>For Elevated Installation >10' To 15', Add</i>	3.80	
		<i>For Elevated Installation >15' To 20', Add</i>	7.60	
		<i>For Elevated Installation >20' To 25', Add</i>	9.50	
		<i>For Elevated Installation >25' To 30', Add</i>	13.30	
		<i>For Elevated Installation >30' To 35', Add</i>	15.20	
		<i>For Elevated Installation >35' To 40', Add</i>	19.00	
		<i>For Elevated Installation >40', Add</i>	20.90	
		<i>For Work In Restricted Working Space, Add</i>	11.40	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.40	

26 05 33 13-1314 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNF Conduit Unions

(26 05 33 13-0847)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1315 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	96.25	16.97
For Elevated Installation >10' To 15', Add	3.39	
For Elevated Installation >15' To 20', Add	6.79	
For Elevated Installation >20' To 25', Add	8.48	
For Elevated Installation >25' To 30', Add	11.88	
For Elevated Installation >30' To 35', Add	13.57	
For Elevated Installation >35' To 40', Add	16.97	
For Elevated Installation >40', Add	18.66	
For Work In Restricted Working Space, Add	10.18	
26 05 33 13-1316 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	105.53	21.04
For Elevated Installation >10' To 15', Add	4.21	
For Elevated Installation >15' To 20', Add	8.41	
For Elevated Installation >20' To 25', Add	10.52	
For Elevated Installation >25' To 30', Add	14.72	
For Elevated Installation >30' To 35', Add	16.83	
For Elevated Installation >35' To 40', Add	21.04	
For Elevated Installation >40', Add	23.14	
For Work In Restricted Working Space, Add	12.62	
26 05 33 13-1317 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	136.64	25.78
For Elevated Installation >10' To 15', Add	5.16	
For Elevated Installation >15' To 20', Add	10.31	
For Elevated Installation >20' To 25', Add	12.89	
For Elevated Installation >25' To 30', Add	18.05	
For Elevated Installation >30' To 35', Add	20.63	
For Elevated Installation >35' To 40', Add	25.79	
For Elevated Installation >40', Add	28.36	
For Work In Restricted Working Space, Add	15.47	
26 05 33 13-1318 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	196.62	29.85
For Elevated Installation >10' To 15', Add	5.97	
For Elevated Installation >15' To 20', Add	11.94	
For Elevated Installation >20' To 25', Add	14.93	
For Elevated Installation >25' To 30', Add	20.90	
For Elevated Installation >30' To 35', Add	23.88	
For Elevated Installation >35' To 40', Add	29.86	
For Elevated Installation >40', Add	32.84	
For Work In Restricted Working Space, Add	17.91	
26 05 33 13-1319 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	232.99	33.93
For Elevated Installation >10' To 15', Add	6.79	
For Elevated Installation >15' To 20', Add	13.57	
For Elevated Installation >20' To 25', Add	16.96	
For Elevated Installation >25' To 30', Add	23.75	
For Elevated Installation >30' To 35', Add	27.14	
For Elevated Installation >35' To 40', Add	33.93	
For Elevated Installation >40', Add	37.32	
For Work In Restricted Working Space, Add	20.36	
26 05 33 13-1320 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	294.72	37.32
For Elevated Installation >10' To 15', Add	7.46	
For Elevated Installation >15' To 20', Add	14.93	
For Elevated Installation >20' To 25', Add	18.66	
For Elevated Installation >25' To 30', Add	26.12	
For Elevated Installation >30' To 35', Add	29.86	
For Elevated Installation >35' To 40', Add	37.32	
For Elevated Installation >40', Add	41.05	
For Work In Restricted Working Space, Add	22.39	
26 05 33 13-1321 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	391.58	46.82
For Elevated Installation >10' To 15', Add	9.36	
For Elevated Installation >15' To 20', Add	18.73	
For Elevated Installation >20' To 25', Add	23.41	
For Elevated Installation >25' To 30', Add	32.77	
For Elevated Installation >30' To 35', Add	37.45	
For Elevated Installation >35' To 40', Add	46.82	
For Elevated Installation >40', Add	51.50	
For Work In Restricted Working Space, Add	28.09	
26 05 33 13-1322 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	504.40	46.82
For Elevated Installation >10' To 15', Add	9.36	
For Elevated Installation >15' To 20', Add	18.73	
For Elevated Installation >20' To 25', Add	23.41	
For Elevated Installation >25' To 30', Add	32.77	
For Elevated Installation >30' To 35', Add	37.45	
For Elevated Installation >35' To 40', Add	46.82	
For Elevated Installation >40', Add	51.50	
For Work In Restricted Working Space, Add	28.09	
26 05 33 13-1323 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	653.38	71.92
For Elevated Installation >10' To 15', Add	14.39	
For Elevated Installation >15' To 20', Add	28.77	
For Elevated Installation >20' To 25', Add	35.96	
For Elevated Installation >25' To 30', Add	50.35	
For Elevated Installation >30' To 35', Add	57.54	
For Elevated Installation >35' To 40', Add	71.93	
For Elevated Installation >40', Add	79.12	
For Work In Restricted Working Space, Add	43.16	
26 05 33 13-1324 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	841.51	93.63
For Elevated Installation >10' To 15', Add	18.73	
For Elevated Installation >15' To 20', Add	37.45	
For Elevated Installation >20' To 25', Add	46.82	
For Elevated Installation >25' To 30', Add	65.54	
For Elevated Installation >30' To 35', Add	74.91	
For Elevated Installation >35' To 40', Add	93.64	
For Elevated Installation >40', Add	103.00	
For Work In Restricted Working Space, Add	56.18	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-1325	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	1,528.20	152.67
		<i>For Elevated Installation >10' To 15', Add</i>	30.53	
		<i>For Elevated Installation >15' To 20', Add</i>	61.07	
		<i>For Elevated Installation >20' To 25', Add</i>	76.34	
		<i>For Elevated Installation >25' To 30', Add</i>	106.87	
		<i>For Elevated Installation >30' To 35', Add</i>	122.14	
		<i>For Elevated Installation >35' To 40', Add</i>	152.67	
		<i>For Elevated Installation >40', Add</i>	167.94	
		<i>For Work In Restricted Working Space, Add</i>	91.60	
26 05 33 13-1326	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	1,915.10	229.34
		<i>For Elevated Installation >10' To 15', Add</i>	45.87	
		<i>For Elevated Installation >15' To 20', Add</i>	91.74	
		<i>For Elevated Installation >20' To 25', Add</i>	114.67	
		<i>For Elevated Installation >25' To 30', Add</i>	160.54	
		<i>For Elevated Installation >30' To 35', Add</i>	183.48	
		<i>For Elevated Installation >35' To 40', Add</i>	229.35	
		<i>For Elevated Installation >40', Add</i>	252.28	
		<i>For Work In Restricted Working Space, Add</i>	137.61	

26 05 33 13-1327 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNY Conduit Unions

26 05 33 13-1328	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	98.35	16.97
		<i>For Elevated Installation >10' To 15', Add</i>	3.39	
		<i>For Elevated Installation >15' To 20', Add</i>	6.79	
		<i>For Elevated Installation >20' To 25', Add</i>	8.48	
		<i>For Elevated Installation >25' To 30', Add</i>	11.88	
		<i>For Elevated Installation >30' To 35', Add</i>	13.57	
		<i>For Elevated Installation >35' To 40', Add</i>	16.97	
		<i>For Elevated Installation >40', Add</i>	18.66	
		<i>For Work In Restricted Working Space, Add</i>	10.18	
26 05 33 13-1329	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	113.55	21.04
		<i>For Elevated Installation >10' To 15', Add</i>	4.21	
		<i>For Elevated Installation >15' To 20', Add</i>	8.41	
		<i>For Elevated Installation >20' To 25', Add</i>	10.52	
		<i>For Elevated Installation >25' To 30', Add</i>	14.72	
		<i>For Elevated Installation >30' To 35', Add</i>	16.83	
		<i>For Elevated Installation >35' To 40', Add</i>	21.04	
		<i>For Elevated Installation >40', Add</i>	23.14	
		<i>For Work In Restricted Working Space, Add</i>	12.62	
26 05 33 13-1330	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	140.91	25.78
		<i>For Elevated Installation >10' To 15', Add</i>	5.16	
		<i>For Elevated Installation >15' To 20', Add</i>	10.31	
		<i>For Elevated Installation >20' To 25', Add</i>	12.89	
		<i>For Elevated Installation >25' To 30', Add</i>	18.05	
		<i>For Elevated Installation >30' To 35', Add</i>	20.63	
		<i>For Elevated Installation >35' To 40', Add</i>	25.79	
		<i>For Elevated Installation >40', Add</i>	28.36	
		<i>For Work In Restricted Working Space, Add</i>	15.47	
26 05 33 13-1331	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	204.47	29.85
		<i>For Elevated Installation >10' To 15', Add</i>	5.97	
		<i>For Elevated Installation >15' To 20', Add</i>	11.94	
		<i>For Elevated Installation >20' To 25', Add</i>	14.93	
		<i>For Elevated Installation >25' To 30', Add</i>	20.90	
		<i>For Elevated Installation >30' To 35', Add</i>	23.88	
		<i>For Elevated Installation >35' To 40', Add</i>	29.86	
		<i>For Elevated Installation >40', Add</i>	32.84	
		<i>For Work In Restricted Working Space, Add</i>	17.91	
26 05 33 13-1332	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	243.88	33.93
		<i>For Elevated Installation >10' To 15', Add</i>	6.79	
		<i>For Elevated Installation >15' To 20', Add</i>	13.57	
		<i>For Elevated Installation >20' To 25', Add</i>	16.96	
		<i>For Elevated Installation >25' To 30', Add</i>	23.75	
		<i>For Elevated Installation >30' To 35', Add</i>	27.14	
		<i>For Elevated Installation >35' To 40', Add</i>	33.93	
		<i>For Elevated Installation >40', Add</i>	37.32	
		<i>For Work In Restricted Working Space, Add</i>	20.36	
26 05 33 13-1333	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	318.24	37.32
		<i>For Elevated Installation >10' To 15', Add</i>	7.46	
		<i>For Elevated Installation >15' To 20', Add</i>	14.93	
		<i>For Elevated Installation >20' To 25', Add</i>	18.66	
		<i>For Elevated Installation >25' To 30', Add</i>	26.12	
		<i>For Elevated Installation >30' To 35', Add</i>	29.86	
		<i>For Elevated Installation >35' To 40', Add</i>	37.32	
		<i>For Elevated Installation >40', Add</i>	41.05	
		<i>For Work In Restricted Working Space, Add</i>	22.39	
26 05 33 13-1334	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	441.90	46.82
		<i>For Elevated Installation >10' To 15', Add</i>	9.36	
		<i>For Elevated Installation >15' To 20', Add</i>	18.73	
		<i>For Elevated Installation >20' To 25', Add</i>	23.41	
		<i>For Elevated Installation >25' To 30', Add</i>	32.77	
		<i>For Elevated Installation >30' To 35', Add</i>	37.45	
		<i>For Elevated Installation >35' To 40', Add</i>	46.82	
		<i>For Elevated Installation >40', Add</i>	51.50	
		<i>For Work In Restricted Working Space, Add</i>	28.09	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-1335	EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union.....	555.56	46.82
	For Elevated Installation >10' To 15', Add	9.36	
	For Elevated Installation >15' To 20', Add	18.73	
	For Elevated Installation >20' To 25', Add	23.41	
	For Elevated Installation >25' To 30', Add	32.77	
	For Elevated Installation >30' To 35', Add	37.45	
	For Elevated Installation >35' To 40', Add	46.82	
	For Elevated Installation >40', Add	51.50	
	For Work In Restricted Working Space, Add	28.09	
26 05 33 13-1336	EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union.....	745.89	71.92
	For Elevated Installation >10' To 15', Add	14.39	
	For Elevated Installation >15' To 20', Add	28.77	
	For Elevated Installation >20' To 25', Add	35.96	
	For Elevated Installation >25' To 30', Add	50.35	
	For Elevated Installation >30' To 35', Add	57.54	
	For Elevated Installation >35' To 40', Add	71.93	
	For Elevated Installation >40', Add	79.12	
	For Work In Restricted Working Space, Add	43.16	
26 05 33 13-1337	EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union.....	933.68	93.63
	For Elevated Installation >10' To 15', Add	18.73	
	For Elevated Installation >15' To 20', Add	37.45	
	For Elevated Installation >20' To 25', Add	46.82	
	For Elevated Installation >25' To 30', Add	65.54	
	For Elevated Installation >30' To 35', Add	74.91	
	For Elevated Installation >35' To 40', Add	93.64	
	For Elevated Installation >40', Add	103.00	
	For Work In Restricted Working Space, Add	56.18	
26 05 33 13-1338	EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union.....	1,697.15	152.67
	For Elevated Installation >10' To 15', Add	30.53	
	For Elevated Installation >15' To 20', Add	61.07	
	For Elevated Installation >20' To 25', Add	76.34	
	For Elevated Installation >25' To 30', Add	106.87	
	For Elevated Installation >30' To 35', Add	122.14	
	For Elevated Installation >35' To 40', Add	152.67	
	For Elevated Installation >40', Add	167.94	
	For Work In Restricted Working Space, Add	91.60	
26 05 33 13-1339	EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union.....	2,187.91	229.34
	For Elevated Installation >10' To 15', Add	45.87	
	For Elevated Installation >15' To 20', Add	91.74	
	For Elevated Installation >20' To 25', Add	114.67	
	For Elevated Installation >25' To 30', Add	160.54	
	For Elevated Installation >30' To 35', Add	183.48	
	For Elevated Installation >35' To 40', Add	229.35	
	For Elevated Installation >40', Add	252.28	
	For Work In Restricted Working Space, Add	137.61	

26 05 33 13-1340 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Reducing Couplings (26 05 33 13-0847)

26 05 33 13-1341	EA 3/4" x 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	53.01	5.42
	For Elevated Installation >10' To 15', Add	1.09	
	For Elevated Installation >15' To 20', Add	2.17	
	For Elevated Installation >20' To 25', Add	2.71	
	For Elevated Installation >25' To 30', Add	3.80	
	For Elevated Installation >30' To 35', Add	4.34	
	For Elevated Installation >35' To 40', Add	5.43	
	For Elevated Installation >40', Add	5.97	
	For Work In Restricted Working Space, Add	3.26	
26 05 33 13-1342	EA 1" x 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	58.28	6.79
	For Elevated Installation >10' To 15', Add	1.36	
	For Elevated Installation >15' To 20', Add	2.72	
	For Elevated Installation >20' To 25', Add	3.40	
	For Elevated Installation >25' To 30', Add	4.75	
	For Elevated Installation >30' To 35', Add	5.43	
	For Elevated Installation >35' To 40', Add	6.79	
	For Elevated Installation >40', Add	7.47	
	For Work In Restricted Working Space, Add	4.07	
26 05 33 13-1343	EA 1" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	66.15	6.79
	For Elevated Installation >10' To 15', Add	1.36	
	For Elevated Installation >15' To 20', Add	2.72	
	For Elevated Installation >20' To 25', Add	3.40	
	For Elevated Installation >25' To 30', Add	4.75	
	For Elevated Installation >30' To 35', Add	5.43	
	For Elevated Installation >35' To 40', Add	6.79	
	For Elevated Installation >40', Add	7.47	
	For Work In Restricted Working Space, Add	4.07	
26 05 33 13-1344	EA 1-1/4" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	81.62	7.46
	For Elevated Installation >10' To 15', Add	1.49	
	For Elevated Installation >15' To 20', Add	2.99	
	For Elevated Installation >20' To 25', Add	3.73	
	For Elevated Installation >25' To 30', Add	5.23	
	For Elevated Installation >30' To 35', Add	5.97	
	For Elevated Installation >35' To 40', Add	7.47	
	For Elevated Installation >40', Add	8.21	
	For Work In Restricted Working Space, Add	4.48	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-1345	EA 1-1/4" x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	86.16	7.46
	For Elevated Installation >10' To 15', Add	1.49	
	For Elevated Installation >15' To 20', Add	2.99	
	For Elevated Installation >20' To 25', Add	3.73	
	For Elevated Installation >25' To 30', Add	5.23	
	For Elevated Installation >30' To 35', Add	5.97	
	For Elevated Installation >35' To 40', Add	7.47	
	For Elevated Installation >40', Add	8.21	
	For Work In Restricted Working Space, Add	4.48	
26 05 33 13-1346	EA 1-1/2" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	74.32	8.82
	For Elevated Installation >10' To 15', Add	1.77	
	For Elevated Installation >15' To 20', Add	3.53	
	For Elevated Installation >20' To 25', Add	4.41	
	For Elevated Installation >25' To 30', Add	6.18	
	For Elevated Installation >30' To 35', Add	7.06	
	For Elevated Installation >35' To 40', Add	8.83	
	For Elevated Installation >40', Add	9.71	
	For Work In Restricted Working Space, Add	5.30	
26 05 33 13-1347	EA 1-1/2" x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	84.47	8.82
	For Elevated Installation >10' To 15', Add	1.77	
	For Elevated Installation >15' To 20', Add	3.53	
	For Elevated Installation >20' To 25', Add	4.41	
	For Elevated Installation >25' To 30', Add	6.18	
	For Elevated Installation >30' To 35', Add	7.06	
	For Elevated Installation >35' To 40', Add	8.83	
	For Elevated Installation >40', Add	9.71	
	For Work In Restricted Working Space, Add	5.30	
26 05 33 13-1348	EA 1-1/2" x 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	130.08	8.82
	For Elevated Installation >10' To 15', Add	1.77	
	For Elevated Installation >15' To 20', Add	3.53	
	For Elevated Installation >20' To 25', Add	4.41	
	For Elevated Installation >25' To 30', Add	6.18	
	For Elevated Installation >30' To 35', Add	7.06	
	For Elevated Installation >35' To 40', Add	8.83	
	For Elevated Installation >40', Add	9.71	
	For Work In Restricted Working Space, Add	5.30	
26 05 33 13-1349	EA 2" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	144.64	10.18
	For Elevated Installation >10' To 15', Add	2.04	
	For Elevated Installation >15' To 20', Add	4.07	
	For Elevated Installation >20' To 25', Add	5.09	
	For Elevated Installation >25' To 30', Add	7.12	
	For Elevated Installation >30' To 35', Add	8.14	
	For Elevated Installation >35' To 40', Add	10.18	
	For Elevated Installation >40', Add	11.19	
	For Work In Restricted Working Space, Add	6.11	
26 05 33 13-1350	EA 2" x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	140.70	10.18
	For Elevated Installation >10' To 15', Add	2.04	
	For Elevated Installation >15' To 20', Add	4.07	
	For Elevated Installation >20' To 25', Add	5.09	
	For Elevated Installation >25' To 30', Add	7.12	
	For Elevated Installation >30' To 35', Add	8.14	
	For Elevated Installation >35' To 40', Add	10.18	
	For Elevated Installation >40', Add	11.19	
	For Work In Restricted Working Space, Add	6.11	
26 05 33 13-1351	EA 2" x 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	148.02	10.18
	For Elevated Installation >10' To 15', Add	2.04	
	For Elevated Installation >15' To 20', Add	4.07	
	For Elevated Installation >20' To 25', Add	5.09	
	For Elevated Installation >25' To 30', Add	7.12	
	For Elevated Installation >30' To 35', Add	8.14	
	For Elevated Installation >35' To 40', Add	10.18	
	For Elevated Installation >40', Add	11.19	
	For Work In Restricted Working Space, Add	6.11	
26 05 33 13-1352	EA 2" x 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	166.42	10.18
	For Elevated Installation >10' To 15', Add	2.04	
	For Elevated Installation >15' To 20', Add	4.07	
	For Elevated Installation >20' To 25', Add	5.09	
	For Elevated Installation >25' To 30', Add	7.12	
	For Elevated Installation >30' To 35', Add	8.14	
	For Elevated Installation >35' To 40', Add	10.18	
	For Elevated Installation >40', Add	11.19	
	For Work In Restricted Working Space, Add	6.11	
26 05 33 13-1353	EA 2-1/2" x 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	165.55	12.21
	For Elevated Installation >10' To 15', Add	2.44	
	For Elevated Installation >15' To 20', Add	4.89	
	For Elevated Installation >20' To 25', Add	6.11	
	For Elevated Installation >25' To 30', Add	8.55	
	For Elevated Installation >30' To 35', Add	9.77	
	For Elevated Installation >35' To 40', Add	12.22	
	For Elevated Installation >40', Add	13.44	
	For Work In Restricted Working Space, Add	7.33	
26 05 33 13-1354	EA 3" x 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	211.27	16.97
	For Elevated Installation >10' To 15', Add	3.39	
	For Elevated Installation >15' To 20', Add	6.79	
	For Elevated Installation >20' To 25', Add	8.48	
	For Elevated Installation >25' To 30', Add	11.88	
	For Elevated Installation >30' To 35', Add	13.57	
	For Elevated Installation >35' To 40', Add	16.97	
	For Elevated Installation >40', Add	18.66	
	For Work In Restricted Working Space, Add	10.18	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-1355	EA			3-1/2" x 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	310.41	19.67
				<i>For Elevated Installation >10' To 15', Add</i>	3.94	
				<i>For Elevated Installation >15' To 20', Add</i>	7.87	
				<i>For Elevated Installation >20' To 25', Add</i>	9.84	
				<i>For Elevated Installation >25' To 30', Add</i>	13.78	
				<i>For Elevated Installation >30' To 35', Add</i>	15.74	
				<i>For Elevated Installation >35' To 40', Add</i>	19.68	
				<i>For Elevated Installation >40', Add</i>	21.65	
				<i>For Work In Restricted Working Space, Add</i>	11.81	
26 05 33 13-1356	EA			4" x 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	415.41	27.14
				<i>For Elevated Installation >10' To 15', Add</i>	5.43	
				<i>For Elevated Installation >15' To 20', Add</i>	10.86	
				<i>For Elevated Installation >20' To 25', Add</i>	13.57	
				<i>For Elevated Installation >25' To 30', Add</i>	19.00	
				<i>For Elevated Installation >30' To 35', Add</i>	21.72	
				<i>For Elevated Installation >35' To 40', Add</i>	27.15	
				<i>For Elevated Installation >40', Add</i>	29.86	
				<i>For Work In Restricted Working Space, Add</i>	16.29	
26 05 33 13-1357	EA			5" x 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	519.89	37.32
				<i>For Elevated Installation >10' To 15', Add</i>	7.46	
				<i>For Elevated Installation >15' To 20', Add</i>	14.93	
				<i>For Elevated Installation >20' To 25', Add</i>	18.66	
				<i>For Elevated Installation >25' To 30', Add</i>	26.12	
				<i>For Elevated Installation >30' To 35', Add</i>	29.86	
				<i>For Elevated Installation >35' To 40', Add</i>	37.32	
				<i>For Elevated Installation >40', Add</i>	41.05	
				<i>For Work In Restricted Working Space, Add</i>	22.39	

26 05 33 13-1358 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Nipples (26 05 33 13-0847)

26 05 33 13-1359	EA			1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	33.96	8.14
				<i>For Elevated Installation >10' To 15', Add</i>	1.63	
				<i>For Elevated Installation >15' To 20', Add</i>	3.26	
				<i>For Elevated Installation >20' To 25', Add</i>	4.07	
				<i>For Elevated Installation >25' To 30', Add</i>	5.70	
				<i>For Elevated Installation >30' To 35', Add</i>	6.51	
				<i>For Elevated Installation >35' To 40', Add</i>	8.14	
				<i>For Elevated Installation >40', Add</i>	8.95	
				<i>For Work In Restricted Working Space, Add</i>	4.88	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.88	
26 05 33 13-1360	EA			3/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	38.36	10.18
				<i>For Elevated Installation >10' To 15', Add</i>	2.04	
				<i>For Elevated Installation >15' To 20', Add</i>	4.07	
				<i>For Elevated Installation >20' To 25', Add</i>	5.09	
				<i>For Elevated Installation >25' To 30', Add</i>	7.12	
				<i>For Elevated Installation >30' To 35', Add</i>	8.14	
				<i>For Elevated Installation >35' To 40', Add</i>	10.18	
				<i>For Elevated Installation >40', Add</i>	11.19	
				<i>For Work In Restricted Working Space, Add</i>	6.11	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.11	
26 05 33 13-1361	EA			1" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	44.78	12.89
				<i>For Elevated Installation >10' To 15', Add</i>	2.58	
				<i>For Elevated Installation >15' To 20', Add</i>	5.16	
				<i>For Elevated Installation >20' To 25', Add</i>	6.45	
				<i>For Elevated Installation >25' To 30', Add</i>	9.02	
				<i>For Elevated Installation >30' To 35', Add</i>	10.31	
				<i>For Elevated Installation >35' To 40', Add</i>	12.89	
				<i>For Elevated Installation >40', Add</i>	14.18	
				<i>For Work In Restricted Working Space, Add</i>	7.73	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.73	
26 05 33 13-1362	EA			1-1/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	53.22	14.93
				<i>For Elevated Installation >10' To 15', Add</i>	2.99	
				<i>For Elevated Installation >15' To 20', Add</i>	5.97	
				<i>For Elevated Installation >20' To 25', Add</i>	7.46	
				<i>For Elevated Installation >25' To 30', Add</i>	10.45	
				<i>For Elevated Installation >30' To 35', Add</i>	11.94	
				<i>For Elevated Installation >35' To 40', Add</i>	14.93	
				<i>For Elevated Installation >40', Add</i>	16.42	
				<i>For Work In Restricted Working Space, Add</i>	8.96	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.96	
26 05 33 13-1363	EA			1-1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	58.07	16.97
				<i>For Elevated Installation >10' To 15', Add</i>	3.39	
				<i>For Elevated Installation >15' To 20', Add</i>	6.79	
				<i>For Elevated Installation >20' To 25', Add</i>	8.48	
				<i>For Elevated Installation >25' To 30', Add</i>	11.88	
				<i>For Elevated Installation >30' To 35', Add</i>	13.57	
				<i>For Elevated Installation >35' To 40', Add</i>	16.97	
				<i>For Elevated Installation >40', Add</i>	18.66	
				<i>For Work In Restricted Working Space, Add</i>	10.18	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.18	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-1364	EA	1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	37.59	8.82
		For Elevated Installation >10' To 15', Add	1.76	
		For Elevated Installation >15' To 20', Add	3.53	
		For Elevated Installation >20' To 25', Add	4.41	
		For Elevated Installation >25' To 30', Add	6.17	
		For Elevated Installation >30' To 35', Add	7.06	
		For Elevated Installation >35' To 40', Add	8.82	
		For Elevated Installation >40', Add	9.70	
		For Work In Restricted Working Space, Add	5.29	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.29	
26 05 33 13-1365	EA	3/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	40.78	10.18
		For Elevated Installation >10' To 15', Add	2.04	
		For Elevated Installation >15' To 20', Add	4.07	
		For Elevated Installation >20' To 25', Add	5.09	
		For Elevated Installation >25' To 30', Add	7.12	
		For Elevated Installation >30' To 35', Add	8.14	
		For Elevated Installation >35' To 40', Add	10.18	
		For Elevated Installation >40', Add	11.19	
		For Work In Restricted Working Space, Add	6.11	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.11	
26 05 33 13-1366	EA	1" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	47.22	12.89
		For Elevated Installation >10' To 15', Add	2.58	
		For Elevated Installation >15' To 20', Add	5.16	
		For Elevated Installation >20' To 25', Add	6.45	
		For Elevated Installation >25' To 30', Add	9.02	
		For Elevated Installation >30' To 35', Add	10.31	
		For Elevated Installation >35' To 40', Add	12.89	
		For Elevated Installation >40', Add	14.18	
		For Work In Restricted Working Space, Add	7.73	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.73	
26 05 33 13-1367	EA	1-1/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	55.81	14.93
		For Elevated Installation >10' To 15', Add	2.99	
		For Elevated Installation >15' To 20', Add	5.97	
		For Elevated Installation >20' To 25', Add	7.46	
		For Elevated Installation >25' To 30', Add	10.45	
		For Elevated Installation >30' To 35', Add	11.94	
		For Elevated Installation >35' To 40', Add	14.93	
		For Elevated Installation >40', Add	16.42	
		For Work In Restricted Working Space, Add	8.96	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.96	
26 05 33 13-1368	EA	1-1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	60.85	16.97
		For Elevated Installation >10' To 15', Add	3.39	
		For Elevated Installation >15' To 20', Add	6.79	
		For Elevated Installation >20' To 25', Add	8.48	
		For Elevated Installation >25' To 30', Add	11.88	
		For Elevated Installation >30' To 35', Add	13.57	
		For Elevated Installation >35' To 40', Add	16.97	
		For Elevated Installation >40', Add	18.66	
		For Work In Restricted Working Space, Add	10.18	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.18	
26 05 33 13-1369	EA	2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	66.13	19.00
		For Elevated Installation >10' To 15', Add	3.80	
		For Elevated Installation >15' To 20', Add	7.60	
		For Elevated Installation >20' To 25', Add	9.50	
		For Elevated Installation >25' To 30', Add	13.30	
		For Elevated Installation >30' To 35', Add	15.20	
		For Elevated Installation >35' To 40', Add	19.00	
		For Elevated Installation >40', Add	20.90	
		For Work In Restricted Working Space, Add	11.40	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.40	
26 05 33 13-1370	EA	1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	37.75	8.82
		For Elevated Installation >10' To 15', Add	1.76	
		For Elevated Installation >15' To 20', Add	3.53	
		For Elevated Installation >20' To 25', Add	4.41	
		For Elevated Installation >25' To 30', Add	6.17	
		For Elevated Installation >30' To 35', Add	7.06	
		For Elevated Installation >35' To 40', Add	8.82	
		For Elevated Installation >40', Add	9.70	
		For Work In Restricted Working Space, Add	5.29	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.29	
26 05 33 13-1371	EA	3/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	40.95	10.18
		For Elevated Installation >10' To 15', Add	2.04	
		For Elevated Installation >15' To 20', Add	4.07	
		For Elevated Installation >20' To 25', Add	5.09	
		For Elevated Installation >25' To 30', Add	7.12	
		For Elevated Installation >30' To 35', Add	8.14	
		For Elevated Installation >35' To 40', Add	10.18	
		For Elevated Installation >40', Add	11.19	
		For Work In Restricted Working Space, Add	6.11	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.11	
26 05 33 13-1372	EA	1" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	47.54	12.89
		For Elevated Installation >10' To 15', Add	2.58	
		For Elevated Installation >15' To 20', Add	5.16	
		For Elevated Installation >20' To 25', Add	6.45	
		For Elevated Installation >25' To 30', Add	9.02	
		For Elevated Installation >30' To 35', Add	10.31	
		For Elevated Installation >35' To 40', Add	12.89	
		For Elevated Installation >40', Add	14.18	
		For Work In Restricted Working Space, Add	7.73	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.73	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1373 EA 1-1/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	56.15	14.93
For Elevated Installation >10' To 15', Add	2.99	
For Elevated Installation >15' To 20', Add	5.97	
For Elevated Installation >20' To 25', Add	7.46	
For Elevated Installation >25' To 30', Add	10.45	
For Elevated Installation >30' To 35', Add	11.94	
For Elevated Installation >35' To 40', Add	14.93	
For Elevated Installation >40', Add	16.42	
For Work In Restricted Working Space, Add	8.96	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.96	
26 05 33 13-1374 EA 1-1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	61.18	16.97
For Elevated Installation >10' To 15', Add	3.39	
For Elevated Installation >15' To 20', Add	6.78	
For Elevated Installation >20' To 25', Add	8.48	
For Elevated Installation >25' To 30', Add	11.87	
For Elevated Installation >30' To 35', Add	13.57	
For Elevated Installation >35' To 40', Add	16.96	
For Elevated Installation >40', Add	18.66	
For Work In Restricted Working Space, Add	10.18	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.18	
26 05 33 13-1375 EA 2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	66.99	19.00
For Elevated Installation >10' To 15', Add	3.80	
For Elevated Installation >15' To 20', Add	7.60	
For Elevated Installation >20' To 25', Add	9.50	
For Elevated Installation >25' To 30', Add	13.30	
For Elevated Installation >30' To 35', Add	15.20	
For Elevated Installation >35' To 40', Add	19.00	
For Elevated Installation >40', Add	20.89	
For Work In Restricted Working Space, Add	11.40	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.40	
26 05 33 13-1376 EA 1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	40.05	8.82
For Elevated Installation >10' To 15', Add	1.76	
For Elevated Installation >15' To 20', Add	3.53	
For Elevated Installation >20' To 25', Add	4.41	
For Elevated Installation >25' To 30', Add	6.17	
For Elevated Installation >30' To 35', Add	7.06	
For Elevated Installation >35' To 40', Add	8.82	
For Elevated Installation >40', Add	9.70	
For Work In Restricted Working Space, Add	5.29	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.29	
26 05 33 13-1377 EA 3/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	43.24	10.18
For Elevated Installation >10' To 15', Add	2.04	
For Elevated Installation >15' To 20', Add	4.07	
For Elevated Installation >20' To 25', Add	5.09	
For Elevated Installation >25' To 30', Add	7.12	
For Elevated Installation >30' To 35', Add	8.14	
For Elevated Installation >35' To 40', Add	10.18	
For Elevated Installation >40', Add	11.19	
For Work In Restricted Working Space, Add	6.11	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.11	
26 05 33 13-1378 EA 1" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	50.00	12.89
For Elevated Installation >10' To 15', Add	2.58	
For Elevated Installation >15' To 20', Add	5.16	
For Elevated Installation >20' To 25', Add	6.45	
For Elevated Installation >25' To 30', Add	9.02	
For Elevated Installation >30' To 35', Add	10.31	
For Elevated Installation >35' To 40', Add	12.89	
For Elevated Installation >40', Add	14.18	
For Work In Restricted Working Space, Add	7.73	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.73	
26 05 33 13-1379 EA 1-1/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	57.55	14.93
For Elevated Installation >10' To 15', Add	2.99	
For Elevated Installation >15' To 20', Add	5.97	
For Elevated Installation >20' To 25', Add	7.46	
For Elevated Installation >25' To 30', Add	10.45	
For Elevated Installation >30' To 35', Add	11.94	
For Elevated Installation >35' To 40', Add	14.93	
For Elevated Installation >40', Add	16.42	
For Work In Restricted Working Space, Add	8.96	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.96	
26 05 33 13-1380 EA 1-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	62.73	16.97
For Elevated Installation >10' To 15', Add	3.39	
For Elevated Installation >15' To 20', Add	6.78	
For Elevated Installation >20' To 25', Add	8.48	
For Elevated Installation >25' To 30', Add	11.87	
For Elevated Installation >30' To 35', Add	13.57	
For Elevated Installation >35' To 40', Add	16.96	
For Elevated Installation >40', Add	18.66	
For Work In Restricted Working Space, Add	10.18	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.18	
26 05 33 13-1381 EA 2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	69.70	19.00
For Elevated Installation >10' To 15', Add	3.80	
For Elevated Installation >15' To 20', Add	7.60	
For Elevated Installation >20' To 25', Add	9.50	
For Elevated Installation >25' To 30', Add	13.30	
For Elevated Installation >30' To 35', Add	15.20	
For Elevated Installation >35' To 40', Add	19.00	
For Elevated Installation >40', Add	20.89	
For Work In Restricted Working Space, Add	11.40	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.40	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-1382	EA	2-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	96.45	23.07
		<i>For Elevated Installation >10' To 15', Add</i>	4.61	
		<i>For Elevated Installation >15' To 20', Add</i>	9.23	
		<i>For Elevated Installation >20' To 25', Add</i>	11.53	
		<i>For Elevated Installation >25' To 30', Add</i>	16.15	
		<i>For Elevated Installation >30' To 35', Add</i>	18.45	
		<i>For Elevated Installation >35' To 40', Add</i>	23.07	
		<i>For Elevated Installation >40', Add</i>	25.37	
		<i>For Work In Restricted Working Space, Add</i>	13.84	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.84	
26 05 33 13-1383	EA	3" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	125.36	31.89
		<i>For Elevated Installation >10' To 15', Add</i>	6.38	
		<i>For Elevated Installation >15' To 20', Add</i>	12.76	
		<i>For Elevated Installation >20' To 25', Add</i>	15.95	
		<i>For Elevated Installation >25' To 30', Add</i>	22.32	
		<i>For Elevated Installation >30' To 35', Add</i>	25.51	
		<i>For Elevated Installation >35' To 40', Add</i>	31.89	
		<i>For Elevated Installation >40', Add</i>	35.08	
		<i>For Work In Restricted Working Space, Add</i>	19.13	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.13	
26 05 33 13-1384	EA	3/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	40.22	8.82
		<i>For Elevated Installation >10' To 15', Add</i>	1.76	
		<i>For Elevated Installation >15' To 20', Add</i>	3.53	
		<i>For Elevated Installation >20' To 25', Add</i>	4.41	
		<i>For Elevated Installation >25' To 30', Add</i>	6.17	
		<i>For Elevated Installation >30' To 35', Add</i>	7.06	
		<i>For Elevated Installation >35' To 40', Add</i>	8.82	
		<i>For Elevated Installation >40', Add</i>	9.70	
		<i>For Work In Restricted Working Space, Add</i>	5.29	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.29	
26 05 33 13-1385	EA	3/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	43.56	10.18
		<i>For Elevated Installation >10' To 15', Add</i>	2.04	
		<i>For Elevated Installation >15' To 20', Add</i>	4.07	
		<i>For Elevated Installation >20' To 25', Add</i>	5.09	
		<i>For Elevated Installation >25' To 30', Add</i>	7.12	
		<i>For Elevated Installation >30' To 35', Add</i>	8.14	
		<i>For Elevated Installation >35' To 40', Add</i>	10.18	
		<i>For Elevated Installation >40', Add</i>	11.19	
		<i>For Work In Restricted Working Space, Add</i>	6.11	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.11	
26 05 33 13-1386	EA	1" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	50.34	12.89
		<i>For Elevated Installation >10' To 15', Add</i>	2.58	
		<i>For Elevated Installation >15' To 20', Add</i>	5.16	
		<i>For Elevated Installation >20' To 25', Add</i>	6.45	
		<i>For Elevated Installation >25' To 30', Add</i>	9.02	
		<i>For Elevated Installation >30' To 35', Add</i>	10.31	
		<i>For Elevated Installation >35' To 40', Add</i>	12.89	
		<i>For Elevated Installation >40', Add</i>	14.18	
		<i>For Work In Restricted Working Space, Add</i>	7.73	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.73	
26 05 33 13-1387	EA	1-1/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	58.95	14.93
		<i>For Elevated Installation >10' To 15', Add</i>	2.99	
		<i>For Elevated Installation >15' To 20', Add</i>	5.97	
		<i>For Elevated Installation >20' To 25', Add</i>	7.46	
		<i>For Elevated Installation >25' To 30', Add</i>	10.45	
		<i>For Elevated Installation >30' To 35', Add</i>	11.94	
		<i>For Elevated Installation >35' To 40', Add</i>	14.93	
		<i>For Elevated Installation >40', Add</i>	16.42	
		<i>For Work In Restricted Working Space, Add</i>	8.96	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.96	
26 05 33 13-1388	EA	1-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	64.27	16.97
		<i>For Elevated Installation >10' To 15', Add</i>	3.39	
		<i>For Elevated Installation >15' To 20', Add</i>	6.78	
		<i>For Elevated Installation >20' To 25', Add</i>	8.48	
		<i>For Elevated Installation >25' To 30', Add</i>	11.87	
		<i>For Elevated Installation >30' To 35', Add</i>	13.57	
		<i>For Elevated Installation >35' To 40', Add</i>	16.96	
		<i>For Elevated Installation >40', Add</i>	18.66	
		<i>For Work In Restricted Working Space, Add</i>	10.18	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.18	
26 05 33 13-1389	EA	2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	72.40	19.00
		<i>For Elevated Installation >10' To 15', Add</i>	3.80	
		<i>For Elevated Installation >15' To 20', Add</i>	7.60	
		<i>For Elevated Installation >20' To 25', Add</i>	9.50	
		<i>For Elevated Installation >25' To 30', Add</i>	13.30	
		<i>For Elevated Installation >30' To 35', Add</i>	15.20	
		<i>For Elevated Installation >35' To 40', Add</i>	19.00	
		<i>For Elevated Installation >40', Add</i>	20.89	
		<i>For Work In Restricted Working Space, Add</i>	11.40	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.40	
26 05 33 13-1390	EA	2-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	98.84	23.07
		<i>For Elevated Installation >10' To 15', Add</i>	4.61	
		<i>For Elevated Installation >15' To 20', Add</i>	9.23	
		<i>For Elevated Installation >20' To 25', Add</i>	11.53	
		<i>For Elevated Installation >25' To 30', Add</i>	16.15	
		<i>For Elevated Installation >30' To 35', Add</i>	18.45	
		<i>For Elevated Installation >35' To 40', Add</i>	23.07	
		<i>For Elevated Installation >40', Add</i>	25.37	
		<i>For Work In Restricted Working Space, Add</i>	13.84	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.84	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1391 EA 3" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	130.50	31.89
For Elevated Installation >10' To 15', Add	6.38	
For Elevated Installation >15' To 20', Add	12.76	
For Elevated Installation >20' To 25', Add	15.95	
For Elevated Installation >25' To 30', Add	22.32	
For Elevated Installation >30' To 35', Add	25.51	
For Elevated Installation >35' To 40', Add	31.89	
For Elevated Installation >40', Add	35.08	
For Work In Restricted Working Space, Add	19.13	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.13	
26 05 33 13-1392 EA 3-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	155.12	35.97
For Elevated Installation >10' To 15', Add	7.19	
For Elevated Installation >15' To 20', Add	14.38	
For Elevated Installation >20' To 25', Add	17.98	
For Elevated Installation >25' To 30', Add	25.17	
For Elevated Installation >30' To 35', Add	28.76	
For Elevated Installation >35' To 40', Add	35.96	
For Elevated Installation >40', Add	39.55	
For Work In Restricted Working Space, Add	21.57	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.57	
26 05 33 13-1393 EA 4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	182.66	46.82
For Elevated Installation >10' To 15', Add	9.36	
For Elevated Installation >15' To 20', Add	18.73	
For Elevated Installation >20' To 25', Add	23.41	
For Elevated Installation >25' To 30', Add	32.77	
For Elevated Installation >30' To 35', Add	37.45	
For Elevated Installation >35' To 40', Add	46.82	
For Elevated Installation >40', Add	51.50	
For Work In Restricted Working Space, Add	28.09	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	28.09	
26 05 33 13-1394 EA 1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	40.53	8.82
For Elevated Installation >10' To 15', Add	1.76	
For Elevated Installation >15' To 20', Add	3.53	
For Elevated Installation >20' To 25', Add	4.41	
For Elevated Installation >25' To 30', Add	6.17	
For Elevated Installation >30' To 35', Add	7.06	
For Elevated Installation >35' To 40', Add	8.82	
For Elevated Installation >40', Add	9.70	
For Work In Restricted Working Space, Add	5.29	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.29	
26 05 33 13-1395 EA 3/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	43.89	10.18
For Elevated Installation >10' To 15', Add	2.04	
For Elevated Installation >15' To 20', Add	4.07	
For Elevated Installation >20' To 25', Add	5.09	
For Elevated Installation >25' To 30', Add	7.12	
For Elevated Installation >30' To 35', Add	8.14	
For Elevated Installation >35' To 40', Add	10.18	
For Elevated Installation >40', Add	11.19	
For Work In Restricted Working Space, Add	6.11	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.11	
26 05 33 13-1396 EA 1" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	50.70	12.89
For Elevated Installation >10' To 15', Add	2.58	
For Elevated Installation >15' To 20', Add	5.16	
For Elevated Installation >20' To 25', Add	6.45	
For Elevated Installation >25' To 30', Add	9.02	
For Elevated Installation >30' To 35', Add	10.31	
For Elevated Installation >35' To 40', Add	12.89	
For Elevated Installation >40', Add	14.18	
For Work In Restricted Working Space, Add	7.73	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.73	
26 05 33 13-1397 EA 1-1/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	59.60	14.93
For Elevated Installation >10' To 15', Add	2.99	
For Elevated Installation >15' To 20', Add	5.97	
For Elevated Installation >20' To 25', Add	7.46	
For Elevated Installation >25' To 30', Add	10.45	
For Elevated Installation >30' To 35', Add	11.94	
For Elevated Installation >35' To 40', Add	14.93	
For Elevated Installation >40', Add	16.42	
For Work In Restricted Working Space, Add	8.96	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.96	
26 05 33 13-1398 EA 1-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	64.95	16.97
For Elevated Installation >10' To 15', Add	3.39	
For Elevated Installation >15' To 20', Add	6.78	
For Elevated Installation >20' To 25', Add	8.48	
For Elevated Installation >25' To 30', Add	11.87	
For Elevated Installation >30' To 35', Add	13.57	
For Elevated Installation >35' To 40', Add	16.96	
For Elevated Installation >40', Add	18.66	
For Work In Restricted Working Space, Add	10.18	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.18	
26 05 33 13-1399 EA 2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	73.87	19.00
For Elevated Installation >10' To 15', Add	3.80	
For Elevated Installation >15' To 20', Add	7.60	
For Elevated Installation >20' To 25', Add	9.50	
For Elevated Installation >25' To 30', Add	13.30	
For Elevated Installation >30' To 35', Add	15.20	
For Elevated Installation >35' To 40', Add	19.00	
For Elevated Installation >40', Add	20.89	
For Work In Restricted Working Space, Add	11.40	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.40	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-1400	EA	2-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	108.36	23.07
		<i>For Elevated Installation >10' To 15', Add</i>	4.61	
		<i>For Elevated Installation >15' To 20', Add</i>	9.23	
		<i>For Elevated Installation >20' To 25', Add</i>	11.53	
		<i>For Elevated Installation >25' To 30', Add</i>	16.15	
		<i>For Elevated Installation >30' To 35', Add</i>	18.45	
		<i>For Elevated Installation >35' To 40', Add</i>	23.07	
		<i>For Elevated Installation >40', Add</i>	25.37	
		<i>For Work In Restricted Working Space, Add</i>	13.84	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.84	
26 05 33 13-1401	EA	3" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	138.20	31.89
		<i>For Elevated Installation >10' To 15', Add</i>	6.38	
		<i>For Elevated Installation >15' To 20', Add</i>	12.76	
		<i>For Elevated Installation >20' To 25', Add</i>	15.95	
		<i>For Elevated Installation >25' To 30', Add</i>	22.32	
		<i>For Elevated Installation >30' To 35', Add</i>	25.51	
		<i>For Elevated Installation >35' To 40', Add</i>	31.89	
		<i>For Elevated Installation >40', Add</i>	35.08	
		<i>For Work In Restricted Working Space, Add</i>	19.13	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.13	
26 05 33 13-1402	EA	3-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	156.76	35.97
		<i>For Elevated Installation >10' To 15', Add</i>	7.19	
		<i>For Elevated Installation >15' To 20', Add</i>	14.38	
		<i>For Elevated Installation >20' To 25', Add</i>	17.98	
		<i>For Elevated Installation >25' To 30', Add</i>	25.17	
		<i>For Elevated Installation >30' To 35', Add</i>	28.76	
		<i>For Elevated Installation >35' To 40', Add</i>	35.96	
		<i>For Elevated Installation >40', Add</i>	39.55	
		<i>For Work In Restricted Working Space, Add</i>	21.57	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.57	
26 05 33 13-1403	EA	4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	187.05	46.82
		<i>For Elevated Installation >10' To 15', Add</i>	9.36	
		<i>For Elevated Installation >15' To 20', Add</i>	18.73	
		<i>For Elevated Installation >20' To 25', Add</i>	23.41	
		<i>For Elevated Installation >25' To 30', Add</i>	32.77	
		<i>For Elevated Installation >30' To 35', Add</i>	37.45	
		<i>For Elevated Installation >35' To 40', Add</i>	46.82	
		<i>For Elevated Installation >40', Add</i>	51.50	
		<i>For Work In Restricted Working Space, Add</i>	28.09	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.09	
26 05 33 13-1404	EA	5" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	274.23	64.46
		<i>For Elevated Installation >10' To 15', Add</i>	12.89	
		<i>For Elevated Installation >15' To 20', Add</i>	25.78	
		<i>For Elevated Installation >20' To 25', Add</i>	32.23	
		<i>For Elevated Installation >25' To 30', Add</i>	45.12	
		<i>For Elevated Installation >30' To 35', Add</i>	51.56	
		<i>For Elevated Installation >35' To 40', Add</i>	64.46	
		<i>For Elevated Installation >40', Add</i>	70.90	
		<i>For Work In Restricted Working Space, Add</i>	38.67	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.67	
26 05 33 13-1405	EA	1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	41.14	8.82
		<i>For Elevated Installation >10' To 15', Add</i>	1.76	
		<i>For Elevated Installation >15' To 20', Add</i>	3.53	
		<i>For Elevated Installation >20' To 25', Add</i>	4.41	
		<i>For Elevated Installation >25' To 30', Add</i>	6.17	
		<i>For Elevated Installation >30' To 35', Add</i>	7.06	
		<i>For Elevated Installation >35' To 40', Add</i>	8.82	
		<i>For Elevated Installation >40', Add</i>	9.70	
		<i>For Work In Restricted Working Space, Add</i>	5.29	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.29	
26 05 33 13-1406	EA	3/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	44.50	10.18
		<i>For Elevated Installation >10' To 15', Add</i>	2.04	
		<i>For Elevated Installation >15' To 20', Add</i>	4.07	
		<i>For Elevated Installation >20' To 25', Add</i>	5.09	
		<i>For Elevated Installation >25' To 30', Add</i>	7.12	
		<i>For Elevated Installation >30' To 35', Add</i>	8.14	
		<i>For Elevated Installation >35' To 40', Add</i>	10.18	
		<i>For Elevated Installation >40', Add</i>	11.19	
		<i>For Work In Restricted Working Space, Add</i>	6.11	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.11	
26 05 33 13-1407	EA	1" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	51.35	12.89
		<i>For Elevated Installation >10' To 15', Add</i>	2.58	
		<i>For Elevated Installation >15' To 20', Add</i>	5.16	
		<i>For Elevated Installation >20' To 25', Add</i>	6.45	
		<i>For Elevated Installation >25' To 30', Add</i>	9.02	
		<i>For Elevated Installation >30' To 35', Add</i>	10.31	
		<i>For Elevated Installation >35' To 40', Add</i>	12.89	
		<i>For Elevated Installation >40', Add</i>	14.18	
		<i>For Work In Restricted Working Space, Add</i>	7.73	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.73	
26 05 33 13-1408	EA	1-1/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	60.81	14.93
		<i>For Elevated Installation >10' To 15', Add</i>	2.99	
		<i>For Elevated Installation >15' To 20', Add</i>	5.97	
		<i>For Elevated Installation >20' To 25', Add</i>	7.46	
		<i>For Elevated Installation >25' To 30', Add</i>	10.45	
		<i>For Elevated Installation >30' To 35', Add</i>	11.94	
		<i>For Elevated Installation >35' To 40', Add</i>	14.93	
		<i>For Elevated Installation >40', Add</i>	16.42	
		<i>For Work In Restricted Working Space, Add</i>	8.96	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.96	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1409 EA 1-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	66.40	16.97
For Elevated Installation >10' To 15', Add	3.39	
For Elevated Installation >15' To 20', Add	6.78	
For Elevated Installation >20' To 25', Add	8.48	
For Elevated Installation >25' To 30', Add	11.87	
For Elevated Installation >30' To 35', Add	13.57	
For Elevated Installation >35' To 40', Add	16.96	
For Elevated Installation >40', Add	18.66	
For Work In Restricted Working Space, Add	10.18	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.18	
26 05 33 13-1410 EA 2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	75.35	19.00
For Elevated Installation >10' To 15', Add	3.80	
For Elevated Installation >15' To 20', Add	7.60	
For Elevated Installation >20' To 25', Add	9.50	
For Elevated Installation >25' To 30', Add	13.30	
For Elevated Installation >30' To 35', Add	15.20	
For Elevated Installation >35' To 40', Add	19.00	
For Elevated Installation >40', Add	20.89	
For Work In Restricted Working Space, Add	11.40	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.40	
26 05 33 13-1411 EA 2-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	118.02	23.07
For Elevated Installation >10' To 15', Add	4.61	
For Elevated Installation >15' To 20', Add	9.23	
For Elevated Installation >20' To 25', Add	11.53	
For Elevated Installation >25' To 30', Add	16.15	
For Elevated Installation >30' To 35', Add	18.45	
For Elevated Installation >35' To 40', Add	23.07	
For Elevated Installation >40', Add	25.37	
For Work In Restricted Working Space, Add	13.84	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.84	
26 05 33 13-1412 EA 3" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	148.44	31.89
For Elevated Installation >10' To 15', Add	6.38	
For Elevated Installation >15' To 20', Add	12.76	
For Elevated Installation >20' To 25', Add	15.95	
For Elevated Installation >25' To 30', Add	22.32	
For Elevated Installation >30' To 35', Add	25.51	
For Elevated Installation >35' To 40', Add	31.89	
For Elevated Installation >40', Add	35.08	
For Work In Restricted Working Space, Add	19.13	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.13	
26 05 33 13-1413 EA 3-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	165.99	35.97
For Elevated Installation >10' To 15', Add	7.19	
For Elevated Installation >15' To 20', Add	14.38	
For Elevated Installation >20' To 25', Add	17.98	
For Elevated Installation >25' To 30', Add	25.17	
For Elevated Installation >30' To 35', Add	28.76	
For Elevated Installation >35' To 40', Add	35.96	
For Elevated Installation >40', Add	39.55	
For Work In Restricted Working Space, Add	21.57	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.57	
26 05 33 13-1414 EA 4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	202.61	46.82
For Elevated Installation >10' To 15', Add	9.36	
For Elevated Installation >15' To 20', Add	18.73	
For Elevated Installation >20' To 25', Add	23.41	
For Elevated Installation >25' To 30', Add	32.77	
For Elevated Installation >30' To 35', Add	37.45	
For Elevated Installation >35' To 40', Add	46.82	
For Elevated Installation >40', Add	51.50	
For Work In Restricted Working Space, Add	28.09	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	28.09	
26 05 33 13-1415 EA 5" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	297.48	64.46
For Elevated Installation >10' To 15', Add	12.89	
For Elevated Installation >15' To 20', Add	25.78	
For Elevated Installation >20' To 25', Add	32.23	
For Elevated Installation >25' To 30', Add	45.12	
For Elevated Installation >30' To 35', Add	51.56	
For Elevated Installation >35' To 40', Add	64.46	
For Elevated Installation >40', Add	70.90	
For Work In Restricted Working Space, Add	38.67	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	38.67	
26 05 33 13-1416 EA 1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	42.08	8.82
For Elevated Installation >10' To 15', Add	1.76	
For Elevated Installation >15' To 20', Add	3.53	
For Elevated Installation >20' To 25', Add	4.41	
For Elevated Installation >25' To 30', Add	6.17	
For Elevated Installation >30' To 35', Add	7.06	
For Elevated Installation >35' To 40', Add	8.82	
For Elevated Installation >40', Add	9.70	
For Work In Restricted Working Space, Add	5.29	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.29	
26 05 33 13-1417 EA 3/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	45.41	10.18
For Elevated Installation >10' To 15', Add	2.04	
For Elevated Installation >15' To 20', Add	4.07	
For Elevated Installation >20' To 25', Add	5.09	
For Elevated Installation >25' To 30', Add	7.12	
For Elevated Installation >30' To 35', Add	8.14	
For Elevated Installation >35' To 40', Add	10.18	
For Elevated Installation >40', Add	11.19	
For Work In Restricted Working Space, Add	6.11	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.11	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-1418	EA	1" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	52.80	12.89
		<i>For Elevated Installation >10' To 15', Add</i>	2.58	
		<i>For Elevated Installation >15' To 20', Add</i>	5.16	
		<i>For Elevated Installation >20' To 25', Add</i>	6.45	
		<i>For Elevated Installation >25' To 30', Add</i>	9.02	
		<i>For Elevated Installation >30' To 35', Add</i>	10.31	
		<i>For Elevated Installation >35' To 40', Add</i>	12.89	
		<i>For Elevated Installation >40', Add</i>	14.18	
		<i>For Work In Restricted Working Space, Add</i>	7.73	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.73	
26 05 33 13-1419	EA	1-1/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	61.12	14.93
		<i>For Elevated Installation >10' To 15', Add</i>	2.99	
		<i>For Elevated Installation >15' To 20', Add</i>	5.97	
		<i>For Elevated Installation >20' To 25', Add</i>	7.46	
		<i>For Elevated Installation >25' To 30', Add</i>	10.45	
		<i>For Elevated Installation >30' To 35', Add</i>	11.94	
		<i>For Elevated Installation >35' To 40', Add</i>	14.93	
		<i>For Elevated Installation >40', Add</i>	16.42	
		<i>For Work In Restricted Working Space, Add</i>	8.96	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.96	
26 05 33 13-1420	EA	1-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	69.34	16.97
		<i>For Elevated Installation >10' To 15', Add</i>	3.39	
		<i>For Elevated Installation >15' To 20', Add</i>	6.78	
		<i>For Elevated Installation >20' To 25', Add</i>	8.48	
		<i>For Elevated Installation >25' To 30', Add</i>	11.87	
		<i>For Elevated Installation >30' To 35', Add</i>	13.57	
		<i>For Elevated Installation >35' To 40', Add</i>	16.96	
		<i>For Elevated Installation >40', Add</i>	18.66	
		<i>For Work In Restricted Working Space, Add</i>	10.18	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.18	
26 05 33 13-1421	EA	2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	82.54	19.00
		<i>For Elevated Installation >10' To 15', Add</i>	3.80	
		<i>For Elevated Installation >15' To 20', Add</i>	7.60	
		<i>For Elevated Installation >20' To 25', Add</i>	9.50	
		<i>For Elevated Installation >25' To 30', Add</i>	13.30	
		<i>For Elevated Installation >30' To 35', Add</i>	15.20	
		<i>For Elevated Installation >35' To 40', Add</i>	19.00	
		<i>For Elevated Installation >40', Add</i>	20.89	
		<i>For Work In Restricted Working Space, Add</i>	11.40	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.40	
26 05 33 13-1422	EA	2-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	129.90	23.07
		<i>For Elevated Installation >10' To 15', Add</i>	4.61	
		<i>For Elevated Installation >15' To 20', Add</i>	9.23	
		<i>For Elevated Installation >20' To 25', Add</i>	11.53	
		<i>For Elevated Installation >25' To 30', Add</i>	16.15	
		<i>For Elevated Installation >30' To 35', Add</i>	18.45	
		<i>For Elevated Installation >35' To 40', Add</i>	23.07	
		<i>For Elevated Installation >40', Add</i>	25.37	
		<i>For Work In Restricted Working Space, Add</i>	13.84	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.84	
26 05 33 13-1423	EA	3" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	162.45	31.89
		<i>For Elevated Installation >10' To 15', Add</i>	6.38	
		<i>For Elevated Installation >15' To 20', Add</i>	12.76	
		<i>For Elevated Installation >20' To 25', Add</i>	15.95	
		<i>For Elevated Installation >25' To 30', Add</i>	22.32	
		<i>For Elevated Installation >30' To 35', Add</i>	25.51	
		<i>For Elevated Installation >35' To 40', Add</i>	31.89	
		<i>For Elevated Installation >40', Add</i>	35.08	
		<i>For Work In Restricted Working Space, Add</i>	19.13	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.13	
26 05 33 13-1424	EA	3-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	189.07	35.97
		<i>For Elevated Installation >10' To 15', Add</i>	7.19	
		<i>For Elevated Installation >15' To 20', Add</i>	14.38	
		<i>For Elevated Installation >20' To 25', Add</i>	17.98	
		<i>For Elevated Installation >25' To 30', Add</i>	25.17	
		<i>For Elevated Installation >30' To 35', Add</i>	28.76	
		<i>For Elevated Installation >35' To 40', Add</i>	35.96	
		<i>For Elevated Installation >40', Add</i>	39.55	
		<i>For Work In Restricted Working Space, Add</i>	21.57	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.57	
26 05 33 13-1425	EA	4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	225.96	46.82
		<i>For Elevated Installation >10' To 15', Add</i>	9.36	
		<i>For Elevated Installation >15' To 20', Add</i>	18.73	
		<i>For Elevated Installation >20' To 25', Add</i>	23.41	
		<i>For Elevated Installation >25' To 30', Add</i>	32.77	
		<i>For Elevated Installation >30' To 35', Add</i>	37.45	
		<i>For Elevated Installation >35' To 40', Add</i>	46.82	
		<i>For Elevated Installation >40', Add</i>	51.50	
		<i>For Work In Restricted Working Space, Add</i>	28.09	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.09	
26 05 33 13-1426	EA	5" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	313.42	64.46
		<i>For Elevated Installation >10' To 15', Add</i>	12.89	
		<i>For Elevated Installation >15' To 20', Add</i>	25.78	
		<i>For Elevated Installation >20' To 25', Add</i>	32.23	
		<i>For Elevated Installation >25' To 30', Add</i>	45.12	
		<i>For Elevated Installation >30' To 35', Add</i>	51.56	
		<i>For Elevated Installation >35' To 40', Add</i>	64.46	
		<i>For Elevated Installation >40', Add</i>	70.90	
		<i>For Work In Restricted Working Space, Add</i>	38.67	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.67	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1427	EA	1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	.....	43.07	8.82
		For Elevated Installation >10' To 15', Add		1.76	
		For Elevated Installation >15' To 20', Add		3.53	
		For Elevated Installation >20' To 25', Add		4.41	
		For Elevated Installation >25' To 30', Add		6.17	
		For Elevated Installation >30' To 35', Add		7.06	
		For Elevated Installation >35' To 40', Add		8.82	
		For Elevated Installation >40', Add		9.70	
		For Work In Restricted Working Space, Add		5.29	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		5.29	
26 05 33 13-1428	EA	3/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	.....	46.38	10.18
		For Elevated Installation >10' To 15', Add		2.04	
		For Elevated Installation >15' To 20', Add		4.07	
		For Elevated Installation >20' To 25', Add		5.09	
		For Elevated Installation >25' To 30', Add		7.12	
		For Elevated Installation >30' To 35', Add		8.14	
		For Elevated Installation >35' To 40', Add		10.18	
		For Elevated Installation >40', Add		11.19	
		For Work In Restricted Working Space, Add		6.11	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		6.11	
26 05 33 13-1429	EA	1" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	.....	54.23	12.89
		For Elevated Installation >10' To 15', Add		2.58	
		For Elevated Installation >15' To 20', Add		5.16	
		For Elevated Installation >20' To 25', Add		6.45	
		For Elevated Installation >25' To 30', Add		9.02	
		For Elevated Installation >30' To 35', Add		10.31	
		For Elevated Installation >35' To 40', Add		12.89	
		For Elevated Installation >40', Add		14.18	
		For Work In Restricted Working Space, Add		7.73	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		7.73	
26 05 33 13-1430	EA	1-1/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	.....	65.47	14.93
		For Elevated Installation >10' To 15', Add		2.99	
		For Elevated Installation >15' To 20', Add		5.97	
		For Elevated Installation >20' To 25', Add		7.46	
		For Elevated Installation >25' To 30', Add		10.45	
		For Elevated Installation >30' To 35', Add		11.94	
		For Elevated Installation >35' To 40', Add		14.93	
		For Elevated Installation >40', Add		16.42	
		For Work In Restricted Working Space, Add		8.96	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		8.96	
26 05 33 13-1431	EA	1-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	.....	76.35	16.97
		For Elevated Installation >10' To 15', Add		3.39	
		For Elevated Installation >15' To 20', Add		6.78	
		For Elevated Installation >20' To 25', Add		8.48	
		For Elevated Installation >25' To 30', Add		11.87	
		For Elevated Installation >30' To 35', Add		13.57	
		For Elevated Installation >35' To 40', Add		16.96	
		For Elevated Installation >40', Add		18.66	
		For Work In Restricted Working Space, Add		10.18	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		10.18	
26 05 33 13-1432	EA	2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	.....	93.12	19.00
		For Elevated Installation >10' To 15', Add		3.80	
		For Elevated Installation >15' To 20', Add		7.60	
		For Elevated Installation >20' To 25', Add		9.50	
		For Elevated Installation >25' To 30', Add		13.30	
		For Elevated Installation >30' To 35', Add		15.20	
		For Elevated Installation >35' To 40', Add		19.00	
		For Elevated Installation >40', Add		20.89	
		For Work In Restricted Working Space, Add		11.40	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		11.40	
26 05 33 13-1433	EA	2-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	.....	142.45	23.07
		For Elevated Installation >10' To 15', Add		4.61	
		For Elevated Installation >15' To 20', Add		9.23	
		For Elevated Installation >20' To 25', Add		11.53	
		For Elevated Installation >25' To 30', Add		16.15	
		For Elevated Installation >30' To 35', Add		18.45	
		For Elevated Installation >35' To 40', Add		23.07	
		For Elevated Installation >40', Add		25.37	
		For Work In Restricted Working Space, Add		13.84	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		13.84	
26 05 33 13-1434	EA	3" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	.....	180.39	31.89
		For Elevated Installation >10' To 15', Add		6.38	
		For Elevated Installation >15' To 20', Add		12.76	
		For Elevated Installation >20' To 25', Add		15.95	
		For Elevated Installation >25' To 30', Add		22.32	
		For Elevated Installation >30' To 35', Add		25.51	
		For Elevated Installation >35' To 40', Add		31.89	
		For Elevated Installation >40', Add		35.08	
		For Work In Restricted Working Space, Add		19.13	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		19.13	
26 05 33 13-1435	EA	3-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	.....	213.32	35.97
		For Elevated Installation >10' To 15', Add		7.19	
		For Elevated Installation >15' To 20', Add		14.38	
		For Elevated Installation >20' To 25', Add		17.98	
		For Elevated Installation >25' To 30', Add		25.17	
		For Elevated Installation >30' To 35', Add		28.76	
		For Elevated Installation >35' To 40', Add		35.96	
		For Elevated Installation >40', Add		39.55	
		For Work In Restricted Working Space, Add		21.57	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		21.57	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-1436	EA	4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	266.81	46.82
		<i>For Elevated Installation >10' To 15', Add</i>	9.36	
		<i>For Elevated Installation >15' To 20', Add</i>	18.73	
		<i>For Elevated Installation >20' To 25', Add</i>	23.41	
		<i>For Elevated Installation >25' To 30', Add</i>	32.77	
		<i>For Elevated Installation >30' To 35', Add</i>	37.45	
		<i>For Elevated Installation >35' To 40', Add</i>	46.82	
		<i>For Elevated Installation >40', Add</i>	51.50	
		<i>For Work In Restricted Working Space, Add</i>	28.09	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.09	
26 05 33 13-1437	EA	5" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	345.22	64.46
		<i>For Elevated Installation >10' To 15', Add</i>	12.89	
		<i>For Elevated Installation >15' To 20', Add</i>	25.78	
		<i>For Elevated Installation >20' To 25', Add</i>	32.23	
		<i>For Elevated Installation >25' To 30', Add</i>	45.12	
		<i>For Elevated Installation >30' To 35', Add</i>	51.56	
		<i>For Elevated Installation >35' To 40', Add</i>	64.46	
		<i>For Elevated Installation >40', Add</i>	70.90	
		<i>For Work In Restricted Working Space, Add</i>	38.67	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.67	
26 05 33 13-1438	EA	3/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	44.08	8.82
		<i>For Elevated Installation >10' To 15', Add</i>	1.76	
		<i>For Elevated Installation >15' To 20', Add</i>	3.53	
		<i>For Elevated Installation >20' To 25', Add</i>	4.41	
		<i>For Elevated Installation >25' To 30', Add</i>	6.17	
		<i>For Elevated Installation >30' To 35', Add</i>	7.06	
		<i>For Elevated Installation >35' To 40', Add</i>	8.82	
		<i>For Elevated Installation >40', Add</i>	9.70	
		<i>For Work In Restricted Working Space, Add</i>	5.29	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.29	
26 05 33 13-1439	EA	3/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	47.52	10.18
		<i>For Elevated Installation >10' To 15', Add</i>	2.04	
		<i>For Elevated Installation >15' To 20', Add</i>	4.07	
		<i>For Elevated Installation >20' To 25', Add</i>	5.09	
		<i>For Elevated Installation >25' To 30', Add</i>	7.12	
		<i>For Elevated Installation >30' To 35', Add</i>	8.14	
		<i>For Elevated Installation >35' To 40', Add</i>	10.18	
		<i>For Elevated Installation >40', Add</i>	11.19	
		<i>For Work In Restricted Working Space, Add</i>	6.11	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.11	
26 05 33 13-1440	EA	1" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	57.85	12.89
		<i>For Elevated Installation >10' To 15', Add</i>	2.58	
		<i>For Elevated Installation >15' To 20', Add</i>	5.16	
		<i>For Elevated Installation >20' To 25', Add</i>	6.45	
		<i>For Elevated Installation >25' To 30', Add</i>	9.02	
		<i>For Elevated Installation >30' To 35', Add</i>	10.31	
		<i>For Elevated Installation >35' To 40', Add</i>	12.89	
		<i>For Elevated Installation >40', Add</i>	14.18	
		<i>For Work In Restricted Working Space, Add</i>	7.73	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.73	
26 05 33 13-1441	EA	1-1/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	72.61	14.93
		<i>For Elevated Installation >10' To 15', Add</i>	2.99	
		<i>For Elevated Installation >15' To 20', Add</i>	5.97	
		<i>For Elevated Installation >20' To 25', Add</i>	7.46	
		<i>For Elevated Installation >25' To 30', Add</i>	10.45	
		<i>For Elevated Installation >30' To 35', Add</i>	11.94	
		<i>For Elevated Installation >35' To 40', Add</i>	14.93	
		<i>For Elevated Installation >40', Add</i>	16.42	
		<i>For Work In Restricted Working Space, Add</i>	8.96	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.96	
26 05 33 13-1442	EA	1-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	84.82	16.97
		<i>For Elevated Installation >10' To 15', Add</i>	3.39	
		<i>For Elevated Installation >15' To 20', Add</i>	6.78	
		<i>For Elevated Installation >20' To 25', Add</i>	8.48	
		<i>For Elevated Installation >25' To 30', Add</i>	11.87	
		<i>For Elevated Installation >30' To 35', Add</i>	13.57	
		<i>For Elevated Installation >35' To 40', Add</i>	16.96	
		<i>For Elevated Installation >40', Add</i>	18.66	
		<i>For Work In Restricted Working Space, Add</i>	10.18	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.18	
26 05 33 13-1443	EA	2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	101.62	19.00
		<i>For Elevated Installation >10' To 15', Add</i>	3.80	
		<i>For Elevated Installation >15' To 20', Add</i>	7.60	
		<i>For Elevated Installation >20' To 25', Add</i>	9.50	
		<i>For Elevated Installation >25' To 30', Add</i>	13.30	
		<i>For Elevated Installation >30' To 35', Add</i>	15.20	
		<i>For Elevated Installation >35' To 40', Add</i>	19.00	
		<i>For Elevated Installation >40', Add</i>	20.89	
		<i>For Work In Restricted Working Space, Add</i>	11.40	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.40	
26 05 33 13-1444	EA	2-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	159.21	23.07
		<i>For Elevated Installation >10' To 15', Add</i>	4.61	
		<i>For Elevated Installation >15' To 20', Add</i>	9.23	
		<i>For Elevated Installation >20' To 25', Add</i>	11.53	
		<i>For Elevated Installation >25' To 30', Add</i>	16.15	
		<i>For Elevated Installation >30' To 35', Add</i>	18.45	
		<i>For Elevated Installation >35' To 40', Add</i>	23.07	
		<i>For Elevated Installation >40', Add</i>	25.37	
		<i>For Work In Restricted Working Space, Add</i>	13.84	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.84	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1445 EA 3" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	207.29	31.89
For Elevated Installation >10' To 15', Add	6.38	
For Elevated Installation >15' To 20', Add	12.76	
For Elevated Installation >20' To 25', Add	15.95	
For Elevated Installation >25' To 30', Add	22.32	
For Elevated Installation >30' To 35', Add	25.51	
For Elevated Installation >35' To 40', Add	31.89	
For Elevated Installation >40', Add	35.08	
For Work In Restricted Working Space, Add	19.13	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.13	
26 05 33 13-1446 EA 3-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	228.19	35.97
For Elevated Installation >10' To 15', Add	7.19	
For Elevated Installation >15' To 20', Add	14.38	
For Elevated Installation >20' To 25', Add	17.98	
For Elevated Installation >25' To 30', Add	25.17	
For Elevated Installation >30' To 35', Add	28.76	
For Elevated Installation >35' To 40', Add	35.96	
For Elevated Installation >40', Add	39.55	
For Work In Restricted Working Space, Add	21.57	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.57	
26 05 33 13-1447 EA 4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	279.35	46.82
For Elevated Installation >10' To 15', Add	9.36	
For Elevated Installation >15' To 20', Add	18.73	
For Elevated Installation >20' To 25', Add	23.41	
For Elevated Installation >25' To 30', Add	32.77	
For Elevated Installation >30' To 35', Add	37.45	
For Elevated Installation >35' To 40', Add	46.82	
For Elevated Installation >40', Add	51.50	
For Work In Restricted Working Space, Add	28.09	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	28.09	
26 05 33 13-1448 EA 5" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	349.76	64.46
For Elevated Installation >10' To 15', Add	12.89	
For Elevated Installation >15' To 20', Add	25.78	
For Elevated Installation >20' To 25', Add	32.23	
For Elevated Installation >25' To 30', Add	45.12	
For Elevated Installation >30' To 35', Add	51.56	
For Elevated Installation >35' To 40', Add	64.46	
For Elevated Installation >40', Add	70.90	
For Work In Restricted Working Space, Add	38.67	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	38.67	
26 05 33 13-1449 Aluminum Rigid Conduit (ARC) <small>(26 05 33 13-0058)</small>		
Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.		
26 05 33 13-1450 Aluminum Rigid Conduit (ARC) With Threaded Coupling <small>(26 05 33 13-1449)</small>		
Note: Includes field bend conduit up to 1".		
26 05 33 13-1451 LF 1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling.....	6.28	2.09
For Work In Restricted Working Space, Add	1.57	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.78	
26 05 33 13-1452 LF 3/4" Aluminum Rigid Conduit (ARC) With Threaded Coupling.....	7.16	2.30
For Work In Restricted Working Space, Add	1.73	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.86	
26 05 33 13-1453 LF 1" Aluminum Rigid Conduit (ARC) With Threaded Coupling.....	8.27	2.51
For Work In Restricted Working Space, Add	1.88	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.94	
26 05 33 13-1454 LF 1-1/4" Aluminum Rigid Conduit (ARC) With Threaded Coupling.....	9.42	2.72
For Work In Restricted Working Space, Add	2.04	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.02	
26 05 33 13-1455 LF 1-1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling.....	10.57	2.93
For Work In Restricted Working Space, Add	2.19	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.10	
26 05 33 13-1456 LF 2" Aluminum Rigid Conduit (ARC) With Threaded Coupling.....	12.71	3.34
For Work In Restricted Working Space, Add	2.51	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.25	
26 05 33 13-1457 LF 2-1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling.....	17.32	4.17
For Work In Restricted Working Space, Add	3.13	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.57	
26 05 33 13-1458 LF 3" Aluminum Rigid Conduit (ARC) With Threaded Coupling.....	21.56	5.01
For Work In Restricted Working Space, Add	3.76	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.88	
26 05 33 13-1459 LF 3-1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling.....	26.51	6.27
For Work In Restricted Working Space, Add	4.70	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	2.35	
26 05 33 13-1460 LF 4" Aluminum Rigid Conduit (ARC) With Threaded Coupling.....	32.69	7.93
For Work In Restricted Working Space, Add	5.95	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	2.97	
26 05 33 13-1461 LF 5" Aluminum Rigid Conduit (ARC) With Threaded Coupling.....	43.46	10.02
For Work In Restricted Working Space, Add	7.52	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	3.76	
26 05 33 13-1462 LF 6" Aluminum Rigid Conduit (ARC) With Threaded Coupling.....	55.52	12.52
For Work In Restricted Working Space, Add	9.39	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	4.70	
26 05 33 13-1463 Aluminum 90 Degree Elbows <small>(26 05 33 13-1449)</small>		
26 05 33 13-1464 EA 1" Aluminum 90 Degree Elbow.....	38.35	10.86
For Work In Restricted Working Space, Add	8.14	
26 05 33 13-1465 EA 1-1/4" Aluminum 90 Degree Elbow.....	48.60	12.31
For Work In Restricted Working Space, Add	9.24	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
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26 05 33 13-1466	EA	1-1/2" Aluminum 90 Degree Elbow	59.19	14.20
		<i>For Work In Restricted Working Space, Add</i>	10.65	
26 05 33 13-1467	EA	2" Aluminum 90 Degree Elbow	75.59	16.28
		<i>For Work In Restricted Working Space, Add</i>	12.21	
26 05 33 13-1468	EA	2-1/2" Aluminum 90 Degree Elbow	108.36	19.83
		<i>For Work In Restricted Working Space, Add</i>	14.87	
26 05 33 13-1469	EA	3" Aluminum 90 Degree Elbow	154.99	25.68
		<i>For Work In Restricted Working Space, Add</i>	19.26	
26 05 33 13-1470	EA	3-1/2" Aluminum 90 Degree Elbow	213.62	28.81
		<i>For Work In Restricted Working Space, Add</i>	21.61	
26 05 33 13-1471	EA	4" Aluminum 90 Degree Elbow	258.19	36.12
		<i>For Work In Restricted Working Space, Add</i>	27.09	
26 05 33 13-1472	EA	5" Aluminum 90 Degree Elbow	643.64	58.88
		<i>For Work In Restricted Working Space, Add</i>	44.16	
26 05 33 13-1473	EA	6" Aluminum 90 Degree Elbow	908.19	88.52
		<i>For Work In Restricted Working Space, Add</i>	66.39	

26 05 33 13-1474 Aluminum Bushing Set With Locknut (26 05 33 13-1449)

26 05 33 13-1475	EA	1/2" Aluminum Bushing Set With Locknut	11.29	4.17
		<i>For Work In Restricted Working Space, Add</i>	3.13	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.13	
26 05 33 13-1476	EA	3/4" Aluminum Bushing Set With Locknut	17.00	5.42
		<i>For Work In Restricted Working Space, Add</i>	4.07	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.07	
26 05 33 13-1477	EA	1" Aluminum Bushing Set With Locknut	17.25	6.68
		<i>For Work In Restricted Working Space, Add</i>	5.01	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.01	
26 05 33 13-1478	EA	1-1/4" Aluminum Bushing Set With Locknut	19.40	7.52
		<i>For Work In Restricted Working Space, Add</i>	5.64	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.64	
26 05 33 13-1479	EA	1-1/2" Aluminum Bushing Set With Locknut	23.75	9.18
		<i>For Work In Restricted Working Space, Add</i>	6.89	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.89	
26 05 33 13-1480	EA	2" Aluminum Bushing Set With Locknut	28.96	11.07
		<i>For Work In Restricted Working Space, Add</i>	8.30	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.30	
26 05 33 13-1481	EA	2-1/2" Aluminum Bushing Set With Locknut	35.54	13.16
		<i>For Work In Restricted Working Space, Add</i>	9.86	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.86	
26 05 33 13-1482	EA	3" Aluminum Bushing Set With Locknut	41.51	15.03
		<i>For Work In Restricted Working Space, Add</i>	11.27	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.27	
26 05 33 13-1483	EA	3-1/2" Aluminum Bushing Set With Locknut	44.90	16.28
		<i>For Work In Restricted Working Space, Add</i>	12.21	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.21	
26 05 33 13-1484	EA	4" Aluminum Bushing Set With Locknut	48.88	17.54
		<i>For Work In Restricted Working Space, Add</i>	13.16	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.16	
26 05 33 13-1485	EA	5" Aluminum Bushing Set With Locknut	64.75	23.38
		<i>For Work In Restricted Working Space, Add</i>	17.54	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.54	
26 05 33 13-1486	EA	6" Aluminum Bushing Set With Locknut	96.32	35.07
		<i>For Work In Restricted Working Space, Add</i>	26.31	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.31	

26 05 33 13-1487 Schedule 40 Polyvinyl Chloride (PVC) Conduit (26 05 33 13-0058)

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-1488 Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings (26 05 33 13-1487)

Note: Includes field bend conduit up to 1".

26 05 33 13-1489	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	4.80	1.59
		<i>For Schedule 60, Add</i>	0.40	
		<i>For Schedule 80, Add</i>	0.69	
26 05 33 13-1490	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	5.46	1.74
		<i>For Schedule 60, Add</i>	0.49	
		<i>For Schedule 80, Add</i>	0.82	
26 05 33 13-1491	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	6.74	2.03
		<i>For Schedule 60, Add</i>	0.67	
		<i>For Schedule 80, Add</i>	1.08	
26 05 33 13-1492	LF	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	8.00	2.33
		<i>For Schedule 60, Add</i>	0.84	
		<i>For Schedule 80, Add</i>	1.35	
26 05 33 13-1493	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	9.41	2.71
		<i>For Schedule 60, Add</i>	0.99	
		<i>For Schedule 80, Add</i>	1.60	
26 05 33 13-1494	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	11.21	3.11
		<i>For Schedule 60, Add</i>	1.25	
		<i>For Schedule 80, Add</i>	1.98	
26 05 33 13-1495	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	14.72	3.69
		<i>For Schedule 60, Add</i>	1.84	
		<i>For Schedule 80, Add</i>	2.85	
26 05 33 13-1496	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	17.23	4.27
		<i>For Schedule 60, Add</i>	2.17	
		<i>For Schedule 80, Add</i>	3.36	
26 05 33 13-1497	LF	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	20.99	5.05
		<i>For Schedule 60, Add</i>	2.73	
		<i>For Schedule 80, Add</i>	4.19	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1498	LF		4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	24.74	6.21
			<i>For Schedule 60, Add</i>	3.08	
			<i>For Schedule 80, Add</i>	4.78	
26 05 33 13-1499	LF		5" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	35.28	8.74
			<i>For Schedule 60, Add</i>	4.45	
			<i>For Schedule 80, Add</i>	6.89	
26 05 33 13-1500	LF		6" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	46.86	11.65
			<i>For Schedule 60, Add</i>	5.89	
			<i>For Schedule 80, Add</i>	9.12	
26 05 33 13-1501			Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbows <small>(26 05 33 13-1487)</small>		
			See CSI section 26 05 33 13-2328 for conduit field bending.		
26 05 33 13-1502	EA		1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow	20.84	7.76
			See CSI section 26 05 33 13-2328 for conduit field bending.		
			<i>For Schedule 60, Add</i>	1.33	
			<i>For Schedule 80, Add</i>	2.44	
26 05 33 13-1503	EA		3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow	23.05	8.55
			See CSI section 26 05 33 13-2328 for conduit field bending.		
			<i>For Schedule 60, Add</i>	1.49	
			<i>For Schedule 80, Add</i>	2.73	
26 05 33 13-1504	EA		1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow	26.92	9.71
			See CSI section 26 05 33 13-2328 for conduit field bending.		
			<i>For Schedule 60, Add</i>	1.88	
			<i>For Schedule 80, Add</i>	3.36	
26 05 33 13-1505	EA		1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow	34.90	12.42
			See CSI section 26 05 33 13-2328 for conduit field bending.		
			<i>For Schedule 60, Add</i>	2.51	
			<i>For Schedule 80, Add</i>	4.45	
26 05 33 13-1506	EA		1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow	44.02	15.53
			See CSI section 26 05 33 13-2328 for conduit field bending.		
			<i>For Schedule 60, Add</i>	3.24	
			<i>For Schedule 80, Add</i>	5.70	
26 05 33 13-1507	EA		2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow	55.72	19.42
			See CSI section 26 05 33 13-2328 for conduit field bending.		
			<i>For Schedule 60, Add</i>	4.22	
			<i>For Schedule 80, Add</i>	7.37	
26 05 33 13-1508	EA		2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow	70.97	23.29
			See CSI section 26 05 33 13-2328 for conduit field bending.		
			<i>For Schedule 60, Add</i>	6.09	
			<i>For Schedule 80, Add</i>	10.28	
26 05 33 13-1509	EA		3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow	88.75	27.18
			See CSI section 26 05 33 13-2328 for conduit field bending.		
			<i>For Schedule 60, Add</i>	8.60	
			<i>For Schedule 80, Add</i>	14.08	
26 05 33 13-1510	EA		3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow	111.43	33.00
			See CSI section 26 05 33 13-2328 for conduit field bending.		
			<i>For Schedule 60, Add</i>	11.36	
			<i>For Schedule 80, Add</i>	18.38	
26 05 33 13-1511	EA		4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow	134.28	38.82
			See CSI section 26 05 33 13-2328 for conduit field bending.		
			<i>For Schedule 60, Add</i>	14.16	
			<i>For Schedule 80, Add</i>	22.73	
26 05 33 13-1512	EA		5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow	186.91	48.53
			See CSI section 26 05 33 13-2328 for conduit field bending.		
			<i>For Schedule 60, Add</i>	22.46	
			<i>For Schedule 80, Add</i>	35.09	
26 05 33 13-1513	EA		6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow	229.21	58.24
			See CSI section 26 05 33 13-2328 for conduit field bending.		
			<i>For Schedule 60, Add</i>	28.18	
			<i>For Schedule 80, Add</i>	43.82	
26 05 33 13-1514			Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbows <small>(26 05 33 13-1487)</small>		
			See CSI section 26 05 33 13-2328 for conduit field bending.		
26 05 33 13-1515	EA		1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow	20.84	7.76
			See CSI section 26 05 33 13-2328 for conduit field bending.		
			<i>For Schedule 60, Add</i>	1.33	
			<i>For Schedule 80, Add</i>	2.44	
26 05 33 13-1516	EA		3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow	22.95	8.55
			See CSI section 26 05 33 13-2328 for conduit field bending.		
			<i>For Schedule 60, Add</i>	1.47	
			<i>For Schedule 80, Add</i>	2.70	
26 05 33 13-1517	EA		1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow	26.78	9.71
			See CSI section 26 05 33 13-2328 for conduit field bending.		
			<i>For Schedule 60, Add</i>	1.84	
			<i>For Schedule 80, Add</i>	3.31	
26 05 33 13-1518	EA		1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow	34.48	12.42
			See CSI section 26 05 33 13-2328 for conduit field bending.		
			<i>For Schedule 60, Add</i>	2.41	
			<i>For Schedule 80, Add</i>	4.30	
26 05 33 13-1519	EA		1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow	43.10	15.53
			See CSI section 26 05 33 13-2328 for conduit field bending.		
			<i>For Schedule 60, Add</i>	3.01	
			<i>For Schedule 80, Add</i>	5.38	
26 05 33 13-1520	EA		2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow	55.23	19.42
			See CSI section 26 05 33 13-2328 for conduit field bending.		
			<i>For Schedule 60, Add</i>	4.10	
			<i>For Schedule 80, Add</i>	7.20	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
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26 05 33 13-1521	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow.....	70.04	23.29
		See CSI section 26 05 33 13-2328 for conduit field bending.		
		<i>For Schedule 60, Add</i>	5.86	
		<i>For Schedule 80, Add</i>	9.95	
26 05 33 13-1522	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow.....	87.58	27.18
		See CSI section 26 05 33 13-2328 for conduit field bending.		
		<i>For Schedule 60, Add</i>	8.31	
		<i>For Schedule 80, Add</i>	13.67	
26 05 33 13-1523	EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow.....	108.14	33.00
		See CSI section 26 05 33 13-2328 for conduit field bending.		
		<i>For Schedule 60, Add</i>	10.54	
		<i>For Schedule 80, Add</i>	17.22	
26 05 33 13-1524	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow.....	131.45	38.82
		See CSI section 26 05 33 13-2328 for conduit field bending.		
		<i>For Schedule 60, Add</i>	13.45	
		<i>For Schedule 80, Add</i>	21.74	
26 05 33 13-1525	EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow.....	183.25	48.53
		See CSI section 26 05 33 13-2328 for conduit field bending.		
		<i>For Schedule 60, Add</i>	21.55	
		<i>For Schedule 80, Add</i>	33.81	
26 05 33 13-1526	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow.....	218.30	58.24
		See CSI section 26 05 33 13-2328 for conduit field bending.		
		<i>For Schedule 60, Add</i>	25.46	
		<i>For Schedule 80, Add</i>	40.01	
26 05 33 13-1527 Schedule 40 Polyvinyl Chloride (PVC) Conduit 18" Large Radius Elbow ^(26 05)				
		^{33 13-1487)}		
26 05 33 13-1528	EA	1" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow.....	80.15	25.78
		<i>For Schedule 80, Add</i>	15.16	
26 05 33 13-1529	EA	1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow.....	93.90	29.85
		<i>For Schedule 80, Add</i>	17.94	
26 05 33 13-1530	EA	1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow.....	106.31	33.93
		<i>For Schedule 80, Add</i>	20.25	
26 05 33 13-1531	EA	2" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow.....	126.17	37.32
		<i>For Schedule 80, Add</i>	25.50	
26 05 33 13-1532	EA	2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow.....	165.77	46.82
		<i>For Schedule 80, Add</i>	34.61	
26 05 33 13-1533	EA	3" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow.....	216.69	63.78
		<i>For Schedule 80, Add</i>	43.95	
26 05 33 13-1534	EA	3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow.....	260.69	71.92
		<i>For Schedule 80, Add</i>	55.28	
26 05 33 13-1535	EA	4" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow.....	312.58	93.63
		<i>For Schedule 80, Add</i>	62.59	
26 05 33 13-1536 Schedule 40 Polyvinyl Chloride (PVC) Conduit 24" Large Radius Elbow ^(26 05)				
		^{33 13-1487)}		
26 05 33 13-1537	EA	1" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow.....	85.40	25.78
		<i>For Schedule 80, Add</i>	17.00	
26 05 33 13-1538	EA	1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow.....	106.53	29.85
		<i>For Schedule 80, Add</i>	22.36	
26 05 33 13-1539	EA	1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow.....	124.39	33.93
		<i>For Schedule 80, Add</i>	26.57	
26 05 33 13-1540	EA	2" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow.....	135.12	37.32
		<i>For Schedule 80, Add</i>	28.63	
26 05 33 13-1541	EA	2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow.....	193.35	46.82
		<i>For Schedule 80, Add</i>	44.27	
26 05 33 13-1542	EA	3" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow.....	256.80	63.78
		<i>For Schedule 80, Add</i>	57.99	
26 05 33 13-1543	EA	3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow.....	285.38	71.92
		<i>For Schedule 80, Add</i>	63.92	
26 05 33 13-1544	EA	4" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow.....	342.47	93.63
		<i>For Schedule 80, Add</i>	73.05	
26 05 33 13-1545 Schedule 40 Polyvinyl Chloride (PVC) Conduit 30" Large Radius Elbow ^(26 05)				
		^{33 13-1487)}		
26 05 33 13-1546	EA	1" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow.....	99.55	25.78
		<i>For Schedule 80, Add</i>	21.95	
26 05 33 13-1547	EA	1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow.....	112.46	29.85
		<i>For Schedule 80, Add</i>	24.43	
26 05 33 13-1548	EA	1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow.....	127.87	33.93
		<i>For Schedule 80, Add</i>	27.79	
26 05 33 13-1549	EA	2" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow.....	152.00	37.32
		<i>For Schedule 80, Add</i>	34.54	
26 05 33 13-1550	EA	2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow.....	203.62	46.82
		<i>For Schedule 80, Add</i>	47.86	
26 05 33 13-1551	EA	3" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow.....	265.42	63.78
		<i>For Schedule 80, Add</i>	61.01	
26 05 33 13-1552	EA	3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow.....	318.25	71.92
		<i>For Schedule 80, Add</i>	75.43	
26 05 33 13-1553	EA	4" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow.....	371.99	93.63
		<i>For Schedule 80, Add</i>	83.38	
26 05 33 13-1554 Schedule 40 Polyvinyl Chloride (PVC) Conduit 36" Large Radius Elbow ^(26 05)				
		^{33 13-1487)}		
26 05 33 13-1555	EA	1" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow.....	102.44	25.78
		<i>For Schedule 80, Add</i>	22.96	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-1556	EA	1-1/4"	Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow <i>For Schedule 80, Add</i>	130.00 30.57	29.85
26 05 33 13-1557	EA	1-1/2"	Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow <i>For Schedule 80, Add</i>	141.79 32.66	33.93
26 05 33 13-1558	EA	2"	Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow <i>For Schedule 80, Add</i>	152.62 34.76	37.32
26 05 33 13-1559	EA	2-1/2"	Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow <i>For Schedule 80, Add</i>	226.25 55.78	46.82
26 05 33 13-1560	EA	3"	Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow <i>For Schedule 80, Add</i>	316.13 78.76	63.78
26 05 33 13-1561	EA	3-1/2"	Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow <i>For Schedule 80, Add</i>	364.43 91.59	71.92
26 05 33 13-1562	EA	4"	Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow <i>For Schedule 80, Add</i>	426.68 102.52	93.63
26 05 33 13-1563	EA	5"	Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow <i>For Schedule 80, Add</i>	682.98 162.71	152.41
26 05 33 13-1564	EA	6"	Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow <i>For Schedule 80, Add</i>	1,000.38 235.46	229.66

26 05 33 13-1565 Schedule 40 Polyvinyl Chloride (PVC) Conduit 48" Large Radius Elbow (26 05 33 13-1487)

26 05 33 13-1566	EA	1"	Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow <i>For Schedule 80, Add</i>	113.53 26.84	25.78
26 05 33 13-1567	EA	1-1/4"	Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow <i>For Schedule 80, Add</i>	132.97 31.61	29.85
26 05 33 13-1568	EA	1-1/2"	Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow <i>For Schedule 80, Add</i>	150.72 35.79	33.93
26 05 33 13-1569	EA	2"	Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow <i>For Schedule 80, Add</i>	183.46 45.55	37.32
26 05 33 13-1570	EA	2-1/2"	Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow <i>For Schedule 80, Add</i>	248.35 63.51	46.82
26 05 33 13-1571	EA	3"	Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow <i>For Schedule 80, Add</i>	352.41 91.45	63.78
26 05 33 13-1572	EA	3-1/2"	Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow <i>For Schedule 80, Add</i>	399.12 103.73	71.92
26 05 33 13-1573	EA	4"	Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow <i>For Schedule 80, Add</i>	486.88 123.59	93.63
26 05 33 13-1574	EA	5"	Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow <i>For Schedule 80, Add</i>	718.20 175.04	152.41
26 05 33 13-1575	EA	6"	Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow <i>For Schedule 80, Add</i>	1,028.89 245.44	229.66

26 05 33 13-1576 Polyvinyl Chloride (PVC) Conduit Female Adapters (26 05 33 13-1487)

26 05 33 13-1577	EA	1/2"	Polyvinyl Chloride (PVC) Conduit Female Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.24 4.08	5.44
26 05 33 13-1578	EA	3/4"	Polyvinyl Chloride (PVC) Conduit Female Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.42 4.66	6.21
26 05 33 13-1579	EA	1"	Polyvinyl Chloride (PVC) Conduit Female Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.69 5.24	6.99
26 05 33 13-1580	EA	1-1/4"	Polyvinyl Chloride (PVC) Conduit Female Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.10 5.83	7.76
26 05 33 13-1581	EA	1-1/2"	Polyvinyl Chloride (PVC) Conduit Female Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.09 7.28	9.71
26 05 33 13-1582	EA	2"	Polyvinyl Chloride (PVC) Conduit Female Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.72 8.74	11.65
26 05 33 13-1583	EA	2-1/2"	Polyvinyl Chloride (PVC) Conduit Female Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	43.62 11.65	15.53
26 05 33 13-1584	EA	3"	Polyvinyl Chloride (PVC) Conduit Female Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	55.07 14.56	19.42
26 05 33 13-1585	EA	3-1/2"	Polyvinyl Chloride (PVC) Conduit Female Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	71.39 18.93	25.24
26 05 33 13-1586	EA	4"	Polyvinyl Chloride (PVC) Conduit Female Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	86.32 23.30	31.06
26 05 33 13-1587	EA	5"	Polyvinyl Chloride (PVC) Conduit Female Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	114.57 29.12	38.82
26 05 33 13-1588	EA	6"	Polyvinyl Chloride (PVC) Conduit Female Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	142.45 36.40	48.53

26 05 33 13-1589 Polyvinyl Chloride (PVC) Conduit Bell Ends And Plug (26 05 33 13-1487)

26 05 33 13-1590	EA	1/2"	Polyvinyl Chloride (PVC) Conduit Bell End And Plug <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.98 3.50	4.66
26 05 33 13-1591	EA	3/4"	Polyvinyl Chloride (PVC) Conduit Bell End And Plug <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.29 4.08	5.44
26 05 33 13-1592	EA	1"	Polyvinyl Chloride (PVC) Conduit Bell End And Plug <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.65 4.66	6.21
26 05 33 13-1593	EA	1-1/4"	Polyvinyl Chloride (PVC) Conduit Bell End And Plug <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.87 5.24	6.99
26 05 33 13-1594	EA	1-1/2"	Polyvinyl Chloride (PVC) Conduit Bell End And Plug <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.85 5.83	7.76
26 05 33 13-1595	EA	2"	Polyvinyl Chloride (PVC) Conduit Bell End And Plug <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.71 6.70	8.93
26 05 33 13-1596	EA	2-1/2"	Polyvinyl Chloride (PVC) Conduit Bell End And Plug <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.83 7.57	10.10
26 05 33 13-1597	EA	3"	Polyvinyl Chloride (PVC) Conduit Bell End And Plug <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	43.90 8.74	11.65

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-1598	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	52.06	13.59
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.19	
26 05 33	13-1599	EA	4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	57.29	15.53
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.65	
26 05 33	13-1600	EA	5" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	72.94	17.47
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.10	
26 05 33	13-1601	EA	6" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	82.09	19.42
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.56	
26 05 33 13-1602 Polyvinyl Chloride (PVC) Conduit Terminal Adapters (26 05 33 13-1487)					
26 05 33	13-1603	EA	1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	15.48	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.48	
26 05 33	13-1604	EA	3/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	18.79	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.37	
26 05 33	13-1605	EA	1" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	20.94	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.96	
26 05 33	13-1606	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	23.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.64	
26 05 33	13-1607	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	25.86	9.71
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.28	
26 05 33	13-1608	EA	2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	31.41	11.65
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.74	
26 05 33	13-1609	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	42.99	15.53
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.65	
26 05 33	13-1610	EA	3" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	54.20	19.42
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.56	
26 05 33	13-1611	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	70.27	25.24
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.93	
26 05 33	13-1612	EA	4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	85.18	31.06
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.30	
26 05 33	13-1613	EA	5" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	112.31	38.82
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.12	
26 05 33	13-1614	EA	6" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	139.74	48.53
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36.40	
26 05 33 13-1615 Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover (26 05 33 13-1487)					
26 05 33	13-1616	EA	1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	44.91	15.53
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.65	
26 05 33	13-1617	EA	3/4" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	52.30	17.47
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.10	
26 05 33	13-1618	EA	1" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	58.07	19.42
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.56	
26 05 33	13-1619	EA	1-1/4" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	71.86	23.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.47	
26 05 33	13-1620	EA	1-1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	88.74	29.12
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.84	
26 05 33	13-1621	EA	2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	115.64	34.94
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.21	
26 05 33	13-1622	EA	2-1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	203.14	38.82
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.12	
26 05 33	13-1623	EA	3" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	216.55	42.71
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.03	
26 05 33	13-1624	EA	3-1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	234.77	48.53
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36.40	
26 05 33	13-1625	EA	4" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	261.60	56.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.22	
26 05 33 13-1626 Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover (26 05 33 13-1487)					
26 05 33	13-1627	EA	1/2" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	60.30	20.88
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.66	
26 05 33	13-1628	EA	3/4" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	67.58	22.96
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.22	
26 05 33	13-1629	EA	1" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	73.02	25.06
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.79	
26 05 33	13-1630	EA	1-1/4" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	91.84	29.23
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.92	
26 05 33	13-1631	EA	1-1/2" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	110.89	35.50
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.62	
26 05 33	13-1632	EA	2" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	136.78	41.75
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.32	
26 05 33 13-1633 Polyvinyl Chloride (PVC) Conduit Expansion Joint (26 05 33 13-1487)					
26 05 33	13-1634	EA	1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	100.58	19.42
26 05 33	13-1635	EA	3/4" Polyvinyl Chloride (PVC) Conduit Expansion Joint	111.60	23.29
26 05 33	13-1636	EA	1" Polyvinyl Chloride (PVC) Conduit Expansion Joint	123.41	27.18
26 05 33	13-1637	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Expansion Joint	134.44	31.06
26 05 33	13-1638	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	145.15	34.94
26 05 33	13-1639	EA	2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	158.34	38.82
26 05 33	13-1640	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	194.49	44.65
26 05 33	13-1641	EA	3" Polyvinyl Chloride (PVC) Conduit Expansion Joint	233.71	50.47
26 05 33	13-1642	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	273.77	58.24

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-1643	EA	4"	Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	326.01	67.95
26 05 33 13-1644	EA	5"	Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	433.10	81.53
26 05 33 13-1645	EA	6"	Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	570.07	104.82

26 05 33 13-1646 Polyvinyl Chloride (PVC) Conduit End Caps (26 05 33 13-1487)

26 05 33 13-1647	EA	1/2"	Polyvinyl Chloride (PVC) Conduit End Cap.....	12.44	3.89
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>2.91</i>	
26 05 33 13-1648	EA	3/4"	Polyvinyl Chloride (PVC) Conduit End Cap.....	14.69	4.66
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>3.50</i>	
26 05 33 13-1649	EA	1"	Polyvinyl Chloride (PVC) Conduit End Cap.....	16.88	5.44
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>4.08</i>	
26 05 33 13-1650	EA	1-1/4"	Polyvinyl Chloride (PVC) Conduit End Cap.....	20.26	6.21
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>4.66</i>	
26 05 33 13-1651	EA	1-1/2"	Polyvinyl Chloride (PVC) Conduit End Cap.....	23.69	6.99
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>5.24</i>	
26 05 33 13-1652	EA	2"	Polyvinyl Chloride (PVC) Conduit End Cap.....	28.11	7.76
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>5.83</i>	
26 05 33 13-1653	EA	2-1/2"	Polyvinyl Chloride (PVC) Conduit End Cap.....	40.75	8.93
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>6.70</i>	
26 05 33 13-1654	EA	3"	Polyvinyl Chloride (PVC) Conduit End Cap.....	44.54	10.10
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>7.57</i>	
26 05 33 13-1655	EA	3-1/2"	Polyvinyl Chloride (PVC) Conduit End Cap.....	57.41	11.26
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>8.45</i>	
26 05 33 13-1656	EA	4"	Polyvinyl Chloride (PVC) Conduit End Cap.....	69.91	12.03
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>9.03</i>	
26 05 33 13-1657	EA	5"	Polyvinyl Chloride (PVC) Conduit End Cap.....	81.37	13.59
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>10.19</i>	
26 05 33 13-1658	EA	6"	Polyvinyl Chloride (PVC) Conduit End Cap.....	103.41	15.53
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>11.65</i>	

26 05 33 13-1659 Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Bodies With Cover (Smart Pathways) (26 05 33 13-1487)

26 05 33 13-1660	EA	2"	Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways EZLB200).....	123.65	34.94
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>26.21</i>	
26 05 33 13-1661	EA	3/4" To 1-1/4"	Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB121).....	131.54	23.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>17.47</i>	
26 05 33 13-1662	EA	1-1/2" To 2-1/2"	Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB251).....	321.76	38.82
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>29.12</i>	
26 05 33 13-1663	EA	3" To 4"	Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB401).....	629.67	56.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>42.22</i>	

26 05 33 13-1664 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit (26 05 33 13-0058)

Note: Exposed installation. Excludes supporting strap, hanger and fastening.

26 05 33 13-1665 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit (26 05 33 13-1664)

26 05 33 13-1666	LF	1/2"	Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	9.96	1.59
26 05 33 13-1667	LF	3/4"	Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	11.11	1.74
26 05 33 13-1668	LF	1"	Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	12.23	2.02
26 05 33 13-1669	LF	1-1/4"	Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	13.34	2.33
26 05 33 13-1670	LF	1-1/2"	Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	14.92	2.71
26 05 33 13-1671	LF	2"	Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	16.11	3.11
26 05 33 13-1672	LF	2-1/2"	Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	19.22	3.69
26 05 33 13-1673	LF	3"	Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	22.68	4.27
26 05 33 13-1674	LF	3-1/2"	Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	26.11	5.05
26 05 33 13-1675	LF	4"	Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	30.53	6.21
26 05 33 13-1676	LF	5"	Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	40.57	8.74
26 05 33 13-1677	LF	6"	Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	52.55	11.65

26 05 33 13-1678 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbows, 12" Large Radius Elbows (26 05 33 13-1664)

26 05 33 13-1679	EA	1/2"	Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	130.12	7.76
			<i>For 24" Radius, Add</i>	<i>9.27</i>	
			<i>For 36" Radius, Add</i>	<i>13.01</i>	
			<i>For 48" Radius, Add</i>	<i>16.75</i>	
26 05 33 13-1680	EA	3/4"	Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	145.29	8.55
			<i>For 24" Radius, Add</i>	<i>10.36</i>	
			<i>For 36" Radius, Add</i>	<i>14.53</i>	
			<i>For 48" Radius, Add</i>	<i>18.70</i>	
26 05 33 13-1681	EA	1"	Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	149.46	9.71
			<i>For 24" Radius, Add</i>	<i>10.60</i>	
			<i>For 36" Radius, Add</i>	<i>14.95</i>	
			<i>For 48" Radius, Add</i>	<i>19.29</i>	
26 05 33 13-1682	EA	1-1/4"	Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	157.48	12.42
			<i>For 24" Radius, Add</i>	<i>11.03</i>	
			<i>For 36" Radius, Add</i>	<i>15.75</i>	
			<i>For 48" Radius, Add</i>	<i>20.46</i>	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-1683	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	166.49	15.53
		<i>For 24" Radius, Add</i>	11.52	
		<i>For 36" Radius, Add</i>	16.65	
		<i>For 48" Radius, Add</i>	21.78	
26 05 33 13-1684	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	193.81	19.42
		<i>For 24" Radius, Add</i>	13.32	
		<i>For 36" Radius, Add</i>	19.38	
		<i>For 48" Radius, Add</i>	25.44	
26 05 33 13-1685	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	232.12	23.29
		<i>For 24" Radius, Add</i>	15.95	
		<i>For 36" Radius, Add</i>	23.21	
		<i>For 48" Radius, Add</i>	30.47	
26 05 33 13-1686	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	276.61	27.18
		<i>For 24" Radius, Add</i>	19.05	
		<i>For 36" Radius, Add</i>	27.66	
		<i>For 48" Radius, Add</i>	36.28	
26 05 33 13-1687	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	317.24	33.00
		<i>For 24" Radius, Add</i>	21.73	
		<i>For 36" Radius, Add</i>	31.72	
		<i>For 48" Radius, Add</i>	41.72	
26 05 33 13-1688	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	357.89	38.82
		<i>For 24" Radius, Add</i>	24.42	
		<i>For 36" Radius, Add</i>	35.79	
		<i>For 48" Radius, Add</i>	47.16	
26 05 33 13-1689	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	447.35	48.53
		<i>For 24" Radius, Add</i>	30.52	
		<i>For 36" Radius, Add</i>	44.74	
		<i>For 48" Radius, Add</i>	58.95	
26 05 33 13-1690	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	553.14	58.24
		<i>For 24" Radius, Add</i>	37.85	
		<i>For 36" Radius, Add</i>	55.31	
		<i>For 48" Radius, Add</i>	72.78	

26 05 33 13-1691 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbows, 12" Large Radius Elbows

(26 05 33 13-1664)

26 05 33 13-1692	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	110.19	7.76
		<i>For 24" Radius, Add</i>	7.78	
		<i>For 36" Radius, Add</i>	11.02	
		<i>For 48" Radius, Add</i>	14.26	
26 05 33 13-1693	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	122.98	8.55
		<i>For 24" Radius, Add</i>	8.69	
		<i>For 36" Radius, Add</i>	12.30	
		<i>For 48" Radius, Add</i>	15.91	
26 05 33 13-1694	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	126.92	9.71
		<i>For 24" Radius, Add</i>	8.91	
		<i>For 36" Radius, Add</i>	12.69	
		<i>For 48" Radius, Add</i>	16.47	
26 05 33 13-1695	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	134.72	12.42
		<i>For 24" Radius, Add</i>	9.33	
		<i>For 36" Radius, Add</i>	13.47	
		<i>For 48" Radius, Add</i>	17.62	
26 05 33 13-1696	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	143.51	15.53
		<i>For 24" Radius, Add</i>	9.79	
		<i>For 36" Radius, Add</i>	14.35	
		<i>For 48" Radius, Add</i>	18.91	
26 05 33 13-1697	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	167.66	19.42
		<i>For 24" Radius, Add</i>	11.36	
		<i>For 36" Radius, Add</i>	16.77	
		<i>For 48" Radius, Add</i>	22.17	
26 05 33 13-1698	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	200.82	23.29
		<i>For 24" Radius, Add</i>	13.61	
		<i>For 36" Radius, Add</i>	20.08	
		<i>For 48" Radius, Add</i>	26.56	
26 05 33 13-1699	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	239.05	27.18
		<i>For 24" Radius, Add</i>	16.23	
		<i>For 36" Radius, Add</i>	23.91	
		<i>For 48" Radius, Add</i>	31.58	
26 05 33 13-1700	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	274.99	33.00
		<i>For 24" Radius, Add</i>	18.56	
		<i>For 36" Radius, Add</i>	27.50	
		<i>For 48" Radius, Add</i>	36.44	
26 05 33 13-1701	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	310.94	38.82
		<i>For 24" Radius, Add</i>	20.89	
		<i>For 36" Radius, Add</i>	31.09	
		<i>For 48" Radius, Add</i>	41.29	
26 05 33 13-1702	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	388.67	48.53
		<i>For 24" Radius, Add</i>	26.12	
		<i>For 36" Radius, Add</i>	38.87	
		<i>For 48" Radius, Add</i>	51.62	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-1703	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	479.78	58.24
		For 24" Radius, Add	32.34	
		For 36" Radius, Add	47.98	
		For 48" Radius, Add	63.61	

26 05 33 13-1704 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbows, 12" Large Radius Elbows (26 05 33 13-1664)

26 05 33 13-1705	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	102.71	6.99
		For 24" Radius, Add	7.27	
		For 36" Radius, Add	10.27	
		For 48" Radius, Add	13.28	
26 05 33 13-1706	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	114.65	7.68
		For 24" Radius, Add	8.12	
		For 36" Radius, Add	11.47	
		For 48" Radius, Add	14.81	
26 05 33 13-1707	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	118.24	8.74
		For 24" Radius, Add	8.32	
		For 36" Radius, Add	11.82	
		For 48" Radius, Add	15.33	
26 05 33 13-1708	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	125.29	11.18
		For 24" Radius, Add	8.70	
		For 36" Radius, Add	12.53	
		For 48" Radius, Add	16.36	
26 05 33 13-1709	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	133.25	13.98
		For 24" Radius, Add	9.12	
		For 36" Radius, Add	13.33	
		For 48" Radius, Add	17.53	
26 05 33 13-1710	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	155.54	17.47
		For 24" Radius, Add	10.57	
		For 36" Radius, Add	15.55	
		For 48" Radius, Add	20.53	
26 05 33 13-1711	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	186.31	20.97
		For 24" Radius, Add	12.66	
		For 36" Radius, Add	18.63	
		For 48" Radius, Add	24.60	
26 05 33 13-1712	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	221.82	24.46
		For 24" Radius, Add	15.11	
		For 36" Radius, Add	22.18	
		For 48" Radius, Add	29.26	
26 05 33 13-1713	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	255.01	29.70
		For 24" Radius, Add	17.27	
		For 36" Radius, Add	25.50	
		For 48" Radius, Add	33.73	
26 05 33 13-1714	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	288.20	34.94
		For 24" Radius, Add	19.43	
		For 36" Radius, Add	28.82	
		For 48" Radius, Add	38.21	
26 05 33 13-1715	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	360.24	43.68
		For 24" Radius, Add	24.29	
		For 36" Radius, Add	36.02	
		For 48" Radius, Add	47.76	
26 05 33 13-1716	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	444.84	52.42
		For 24" Radius, Add	30.09	
		For 36" Radius, Add	44.48	
		For 48" Radius, Add	58.88	

26 05 33 13-1717 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbows, 12" Large Radius Elbows (26 05 33 13-1664)

26 05 33 13-1718	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	97.17	6.99
		For 24" Radius, Add	6.85	
		For 36" Radius, Add	9.72	
		For 48" Radius, Add	12.58	
26 05 33 13-1719	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	108.45	7.68
		For 24" Radius, Add	7.65	
		For 36" Radius, Add	10.85	
		For 48" Radius, Add	14.04	
26 05 33 13-1720	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	111.98	8.74
		For 24" Radius, Add	7.85	
		For 36" Radius, Add	11.20	
		For 48" Radius, Add	14.54	
26 05 33 13-1721	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	118.97	11.18
		For 24" Radius, Add	8.22	
		For 36" Radius, Add	11.90	
		For 48" Radius, Add	15.57	
26 05 33 13-1722	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	126.86	13.98
		For 24" Radius, Add	8.64	
		For 36" Radius, Add	12.69	
		For 48" Radius, Add	16.73	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-1723	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	148.28	17.47
		<i>For 24" Radius, Add</i>	10.03	
		<i>For 36" Radius, Add</i>	14.83	
		<i>For 48" Radius, Add</i>	19.63	
26 05 33 13-1724	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	177.62	20.97
		<i>For 24" Radius, Add</i>	12.01	
		<i>For 36" Radius, Add</i>	17.76	
		<i>For 48" Radius, Add</i>	23.51	
26 05 33 13-1725	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	211.39	24.46
		<i>For 24" Radius, Add</i>	14.33	
		<i>For 36" Radius, Add</i>	21.14	
		<i>For 48" Radius, Add</i>	27.95	
26 05 33 13-1726	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	243.28	29.70
		<i>For 24" Radius, Add</i>	16.39	
		<i>For 36" Radius, Add</i>	24.33	
		<i>For 48" Radius, Add</i>	32.27	
26 05 33 13-1727	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	275.16	34.94
		<i>For 24" Radius, Add</i>	18.45	
		<i>For 36" Radius, Add</i>	27.52	
		<i>For 48" Radius, Add</i>	36.58	
26 05 33 13-1728	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	343.93	43.68
		<i>For 24" Radius, Add</i>	23.07	
		<i>For 36" Radius, Add</i>	34.39	
		<i>For 48" Radius, Add</i>	45.72	
26 05 33 13-1729	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	424.46	52.42
		<i>For 24" Radius, Add</i>	28.56	
		<i>For 36" Radius, Add</i>	42.45	
		<i>For 48" Radius, Add</i>	56.33	

26 05 33 13-1730 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Couplings (26 05 33 13-1664)

26 05 33 13-1731	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	59.42	5.44
26 05 33 13-1732	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	66.61	6.21
26 05 33 13-1733	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	69.07	6.99
26 05 33 13-1734	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	71.45	7.76
26 05 33 13-1735	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	77.34	9.71
26 05 33 13-1736	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	92.33	11.65
26 05 33 13-1737	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	114.89	15.53
26 05 33 13-1738	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	139.82	19.42
26 05 33 13-1739	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	165.79	25.24
26 05 33 13-1740	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	191.76	31.06
26 05 33 13-1741	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	239.69	38.82
26 05 33 13-1742	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	299.55	48.53

26 05 33 13-1743 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Couplings (26 05 33 13-1664)

26 05 33 13-1744	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	39.45	5.44
26 05 33 13-1745	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	44.26	6.21
26 05 33 13-1746	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	46.51	6.99
26 05 33 13-1747	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	48.76	7.76
26 05 33 13-1748	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	53.91	9.71
26 05 33 13-1749	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	58.94	11.65
26 05 33 13-1750	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	74.60	15.53
26 05 33 13-1751	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	91.48	19.42
26 05 33 13-1752	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	111.41	25.24
26 05 33 13-1753	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	131.34	31.06
26 05 33 13-1754	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	164.22	38.82
26 05 33 13-1755	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	205.22	48.53

26 05 33 13-1756 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Couplings (26 05 33 13-1664)

26 05 33 13-1757	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	45.74	4.47
26 05 33 13-1758	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	51.26	6.21
26 05 33 13-1759	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	53.59	6.99
26 05 33 13-1760	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	55.76	7.76
26 05 33 13-1761	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	61.43	9.71
26 05 33 13-1762	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	73.37	11.65
26 05 33 13-1763	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	91.90	15.53
26 05 33 13-1764	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	112.21	19.42
26 05 33 13-1765	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	134.73	25.24
26 05 33 13-1766	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	157.24	31.06
26 05 33 13-1767	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	196.52	38.82
26 05 33 13-1768	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	245.69	48.53

MINOR	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-1769	Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joints <small>(26 05 33 13-1664)</small>		
26 05 33 13-1770	EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	83.95	19.42
26 05 33 13-1771	EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	97.54	23.29
26 05 33 13-1772	EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	107.68	27.18
26 05 33 13-1773	EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	117.64	31.06
26 05 33 13-1774	EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	128.27	34.94
26 05 33 13-1775	EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	145.75	38.82
26 05 33 13-1776	EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	170.06	44.65
26 05 33 13-1777	EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	196.30	50.47
26 05 33 13-1778	EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	224.48	58.24
26 05 33 13-1779	EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	257.50	67.95
26 05 33 13-1780	EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	303.68	77.65
26 05 33 13-1781	EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	355.33	87.36

26 05 33 13-1782	Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joints <small>(26 05 33 13-1664)</small>		
26 05 33 13-1783	EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint.....	98.35	19.42
26 05 33 13-1784	EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint.....	113.67	23.29
26 05 33 13-1785	EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint.....	123.90	27.18
26 05 33 13-1786	EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint.....	134.03	31.06
26 05 33 13-1787	EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint.....	144.79	34.94
26 05 33 13-1788	EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint.....	164.61	38.82
26 05 33 13-1789	EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint.....	192.70	44.65
26 05 33 13-1790	EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint.....	223.47	50.47
26 05 33 13-1791	EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint.....	255.06	58.24
26 05 33 13-1792	EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint.....	291.49	67.95
26 05 33 13-1793	EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint.....	346.28	77.65
26 05 33 13-1794	EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint.....	408.58	87.36

26 05 33 13-1795	Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapters <small>(26 05 33 13-1664)</small>		
26 05 33 13-1796	EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter.....	132.04	5.44
26 05 33 13-1797	EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter.....	147.12	6.21
26 05 33 13-1798	EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter.....	153.10	6.99
26 05 33 13-1799	EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter.....	159.27	7.76
26 05 33 13-1800	EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter.....	166.28	9.71
26 05 33 13-1801	EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter.....	184.66	11.65
26 05 33 13-1802	EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter.....	225.49	15.53
26 05 33 13-1803	EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter.....	272.41	19.42
26 05 33 13-1804	EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter.....	314.96	25.24
26 05 33 13-1805	EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter.....	357.52	31.06
26 05 33 13-1806	EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter.....	447.00	38.82
26 05 33 13-1807	EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter.....	556.03	48.53

26 05 33 13-1808	Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joints <small>(26 05 33 13-1664)</small>		
26 05 33 13-1809	EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint.....	123.36	19.42
26 05 33 13-1810	EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint.....	141.40	23.29
26 05 33 13-1811	EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint.....	170.68	27.18
26 05 33 13-1812	EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint.....	216.16	31.06
26 05 33 13-1813	EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint.....	277.23	34.94
26 05 33 13-1814	EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint.....	378.46	38.82
26 05 33 13-1815	EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint.....	554.43	44.65
26 05 33 13-1816	EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint.....	675.25	50.47
26 05 33 13-1817	EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint.....	820.87	58.24
26 05 33 13-1818	EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint.....	971.33	67.95
26 05 33 13-1819	EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint.....	1,146.15	77.65
26 05 33 13-1820	EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint.....	1,834.61	87.36

26 05 33 13-1821	Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover <small>(26 05 33 13-1664)</small>		
26 05 33 13-1822	EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover.....	105.06	15.53
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.65	
26 05 33 13-1823	EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover.....	122.68	17.47
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.10	
26 05 33 13-1824	EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover.....	168.97	19.42
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.56	
26 05 33 13-1825	EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover.....	207.02	23.29
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.47	
26 05 33 13-1826	EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover.....	264.08	29.12
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.84	
26 05 33 13-1827	EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover.....	370.75	34.94
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.21	

26 Electrical

26 05 Common Work Results for Electrical

26 05 33 Raceway and Boxes for Electrical Systems



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-1828	EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	633.28 30.58	40.77
26 05 33 13-1829	EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	824.96 34.94	46.59
26 05 33 13-1830	EA 3-1/2" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	994.92 40.77	54.36
26 05 33 13-1831	EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,164.88 46.59	62.12
26 05 33 13-1832	EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,379.13 52.41	69.89
26 05 33 13-1833	EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,566.81 58.24	77.65
26 05 33 13-1834	Explosion Proof Conduit Fittings <small>(26 05 33 13-0058)</small> Note: For use with Rigid Galvanized Steel (RGS), Electrical Metallic Tubing (EMT) and Intermediate Metal Conduit (IMC) conduit.		
26 05 33 13-1835	Explosion Proof Malleable Iron Conduit Unions <small>(26 05 33 13-1834)</small>		
26 05 33 13-1836	EA 1/2" Explosion Proof Malleable Iron Conduit Union	45.10	8.70
26 05 33 13-1837	EA 3/4" Explosion Proof Malleable Iron Conduit Union	56.17	9.62
26 05 33 13-1838	EA 1" Explosion Proof Malleable Iron Conduit Union	90.38	12.82
26 05 33 13-1839	EA 1-1/4" Explosion Proof Malleable Iron Conduit Union	121.07	14.20
26 05 33 13-1840	EA 1-1/2" Explosion Proof Malleable Iron Conduit Union	152.60	17.40
26 05 33 13-1841	EA 2" Explosion Proof Malleable Iron Conduit Union	190.90	20.14
26 05 33 13-1842	EA 2-1/2" Explosion Proof Malleable Iron Conduit Union	291.48	28.80
26 05 33 13-1843	EA 3" Explosion Proof Malleable Iron Conduit Union	371.67	34.28
26 05 33 13-1844	EA 3-1/2" Explosion Proof Malleable Iron Conduit Union	632.63	41.14
26 05 33 13-1845	EA 4" Explosion Proof Malleable Iron Conduit Union	666.36	52.56
26 05 33 13-1846	Explosion Proof Malleable Iron Conduit Bodies <small>(26 05 33 13-1834)</small>		
26 05 33 13-1847	EA 1/2" Explosion Proof Malleable Iron Two Hub Conduit Body	161.44	27.47
26 05 33 13-1848	EA 3/4" Explosion Proof Malleable Iron Two Hub Conduit Body	181.87	31.14
26 05 33 13-1849	EA 1" Explosion Proof Malleable Iron Two Hub Conduit Body	214.12	34.34
26 05 33 13-1850	EA 1/2" Explosion Proof Malleable Iron Three Hub Conduit Body	180.37	34.34
26 05 33 13-1851	EA 3/4" Explosion Proof Malleable Iron Three Hub Conduit Body	214.73	41.21
26 05 33 13-1852	EA 1" Explosion Proof Malleable Iron Three Hub Conduit Body	254.97	47.16
26 05 33 13-1853	Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical <small>(26 05 33 13-1834)</small> Note: Includes sealing gasket and lock nut.		
26 05 33 13-1854	EA 1/2" x 1" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	133.43 17.17	22.89
26 05 33 13-1855	EA 3/4" x 1" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	135.13 19.23	25.64
26 05 33 13-1856	EA 1" x 1-1/2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	147.54 20.95	27.92
26 05 33 13-1857	EA 1-1/4" x 2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	190.48 25.76	34.34
26 05 33 13-1858	EA 1-1/2" x 2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	245.08 30.22	40.29
26 05 33 13-1859	EA 2" x 2-1/2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	318.25 34.34	45.79
26 05 33 13-1860	EA 2-1/2" x 3" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	451.23 51.42	68.56
26 05 33 13-1861	EA 3" x 4" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	570.72 64.44	85.92
26 05 33 13-1862	EA 3-1/2" x 4" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	820.62 70.96	94.61
26 05 33 13-1863	EA 4" x 5" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,069.36 77.13	102.84
26 05 33 13-1864	Explosion Proof Flexible Conduit Couplings <small>(26 05 33 13-1834)</small>		
26 05 33 13-1865	EA 1/2" x 12" Explosion Proof Flexible Conduit Coupling	385.39	10.53
26 05 33 13-1866	EA 3/4" x 15" Explosion Proof Flexible Conduit Coupling	505.26	11.91
26 05 33 13-1867	Conduit Installed Below Grade <small>(26 05 33 13-0057)</small> Note: By direct burial in trench or in concrete slabs or duct banks. Includes detectable warning tape for underground conduits. Excludes trenching, backfilling and concrete.		
26 05 33 13-1868	Schedule 40 Polyvinyl Chloride (PVC) Conduit, Direct Burial <small>(26 05 33 13-1867)</small>		
26 05 33 13-1869	Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial <small>(26 05 33 13-1868)</small> Note: Includes field bend conduit up to 1".		
26 05 33 13-1870	LF 1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	3.98 0.36 0.60	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

26 05 33 13-1871	LF 3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial.....	4.49
	<i>For Schedule 60, Add</i>	0.44
	<i>For Schedule 80, Add</i>	0.72
26 05 33 13-1872	LF 1" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial.....	5.28
	<i>For Schedule 60, Add</i>	0.59
	<i>For Schedule 80, Add</i>	0.94
26 05 33 13-1873	LF 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial.....	6.07
	<i>For Schedule 60, Add</i>	0.74
	<i>For Schedule 80, Add</i>	1.15
26 05 33 13-1874	LF 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial.....	6.75
	<i>For Schedule 60, Add</i>	0.86
	<i>For Schedule 80, Add</i>	1.33
26 05 33 13-1875	LF 2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial.....	7.82
	<i>For Schedule 60, Add</i>	1.08
	<i>For Schedule 80, Add</i>	1.64
26 05 33 13-1876	LF 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial.....	10.11
	<i>For Schedule 60, Add</i>	1.61
	<i>For Schedule 80, Add</i>	2.39
26 05 33 13-1877	LF 3" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial.....	11.40
	<i>For Schedule 60, Add</i>	1.88
	<i>For Schedule 80, Add</i>	2.78
26 05 33 13-1878	LF 3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial.....	13.48
	<i>For Schedule 60, Add</i>	2.35
	<i>For Schedule 80, Add</i>	3.44
26 05 33 13-1879	LF 4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial.....	14.55
	<i>For Schedule 60, Add</i>	2.57
	<i>For Schedule 80, Add</i>	3.76
26 05 33 13-1880	LF 5" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial.....	19.02
	<i>For Schedule 60, Add</i>	3.64
	<i>For Schedule 80, Add</i>	5.26
26 05 33 13-1881	LF 6" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial.....	23.56
	<i>For Schedule 60, Add</i>	4.73
	<i>For Schedule 80, Add</i>	6.79

26 05 33 13-1882 Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbows, Direct Burial
(26 05 33 13-1868)
 See CSI section 26 05 33 13-2328 for conduit field bending.

26 05 33 13-1883	EA 1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	25.68
	<i>For Schedule 60, Add</i>	1.57
	<i>For Schedule 80, Add</i>	2.92
26 05 33 13-1884	EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	30.82
	<i>For Schedule 60, Add</i>	1.88
	<i>For Schedule 80, Add</i>	3.51
26 05 33 13-1885	EA 1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	36.63
	<i>For Schedule 60, Add</i>	2.36
	<i>For Schedule 80, Add</i>	4.33
26 05 33 13-1886	EA 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	42.66
	<i>For Schedule 60, Add</i>	2.90
	<i>For Schedule 80, Add</i>	5.23
26 05 33 13-1887	EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	48.88
	<i>For Schedule 60, Add</i>	3.48
	<i>For Schedule 80, Add</i>	6.19
26 05 33 13-1888	EA 2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	55.72
	<i>For Schedule 60, Add</i>	4.22
	<i>For Schedule 80, Add</i>	7.37
26 05 33 13-1889	EA 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	66.12
	<i>For Schedule 60, Add</i>	5.85
	<i>For Schedule 80, Add</i>	9.79
26 05 33 13-1890	EA 3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	79.04
	<i>For Schedule 60, Add</i>	8.11
	<i>For Schedule 80, Add</i>	13.10
26 05 33 13-1891	EA 3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	96.88
	<i>For Schedule 60, Add</i>	10.63
	<i>For Schedule 80, Add</i>	16.92
26 05 33 13-1892	EA 4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	114.87
	<i>For Schedule 60, Add</i>	13.19
	<i>For Schedule 80, Add</i>	20.79
26 05 33 13-1893	EA 5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	152.95
	<i>For Schedule 60, Add</i>	20.77
	<i>For Schedule 80, Add</i>	31.69
26 05 33 13-1894	EA 6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	180.67
	<i>For Schedule 60, Add</i>	25.76
	<i>For Schedule 80, Add</i>	38.97

26 05 33 13-1895 Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbows, Direct Burial
(26 05 33 13-1868)
 See CSI section 26 05 33 13-2328 for conduit field bending.

26 05 33 13-1896	EA 1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	25.68
	<i>For Schedule 60, Add</i>	1.57
	<i>For Schedule 80, Add</i>	2.92
26 05 33 13-1897	EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	30.72
	<i>For Schedule 60, Add</i>	1.86
	<i>For Schedule 80, Add</i>	3.47
26 05 33 13-1898	EA 1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	36.49
	<i>For Schedule 60, Add</i>	2.33
	<i>For Schedule 80, Add</i>	4.28

26 Electrical
26 05 Common Work Results for Electrical
26 05 33 Raceway and Boxes for Electrical Systems

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-1899	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	42.24	
		<i>For Schedule 60, Add</i>	2.80	
		<i>For Schedule 80, Add</i>	5.08	
26 05 33 13-1900	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	47.96	
		<i>For Schedule 60, Add</i>	3.25	
		<i>For Schedule 80, Add</i>	5.87	
26 05 33 13-1901	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	55.23	
		<i>For Schedule 60, Add</i>	4.10	
		<i>For Schedule 80, Add</i>	7.20	
26 05 33 13-1902	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	65.19	
		<i>For Schedule 60, Add</i>	5.62	
		<i>For Schedule 80, Add</i>	9.47	
26 05 33 13-1903	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	77.87	
		<i>For Schedule 60, Add</i>	7.82	
		<i>For Schedule 80, Add</i>	12.69	
26 05 33 13-1904	EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	93.59	
		<i>For Schedule 60, Add</i>	9.81	
		<i>For Schedule 80, Add</i>	15.77	
26 05 33 13-1905	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	112.04	
		<i>For Schedule 60, Add</i>	12.48	
		<i>For Schedule 80, Add</i>	19.80	
26 05 33 13-1906	EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	149.29	
		<i>For Schedule 60, Add</i>	19.85	
		<i>For Schedule 80, Add</i>	30.41	
26 05 33 13-1907	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	169.76	
		<i>For Schedule 60, Add</i>	23.03	
		<i>For Schedule 80, Add</i>	35.15	

26 05 33 13-1908 Polyvinyl Chloride (PVC) Conduit Female Adapters, Direct Burial (26 05 33 13-1868)

26 05 33 13-1909	EA	1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	14.24	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.08	
26 05 33 13-1910	EA	3/4" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	16.42	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.66	
26 05 33 13-1911	EA	1" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	18.69	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.24	
26 05 33 13-1912	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	21.10	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.83	
26 05 33 13-1913	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	23.18	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.41	
26 05 33 13-1914	EA	2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	25.89	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99	
26 05 33 13-1915	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	31.01	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.86	
26 05 33 13-1916	EA	3" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	35.66	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.74	
26 05 33 13-1917	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	42.27	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.19	
26 05 33 13-1918	EA	4" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	47.49	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.65	
26 05 33 13-1919	EA	5" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	61.19	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.10	
26 05 33 13-1920	EA	6" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	69.66	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.56	

26 05 33 13-1921 Polyvinyl Chloride (PVC) Conduit Bell Ends And Plug, Direct Burial (26 05 33 13-1868)

26 05 33 13-1922	EA	1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	16.98	
26 05 33 13-1923	EA	3/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	19.29	
26 05 33 13-1924	EA	1" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	21.65	
26 05 33 13-1925	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	27.82	
26 05 33 13-1926	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	30.78	
26 05 33 13-1927	EA	2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	34.71	
26 05 33 13-1928	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	38.83	
26 05 33 13-1929	EA	3" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	43.90	
26 05 33 13-1930	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	52.06	
26 05 33 13-1931	EA	4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	57.29	
26 05 33 13-1932	EA	5" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	72.94	
26 05 33 13-1933	EA	6" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	82.09	

26 05 33 13-1934 Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial (26 05 33 13-1868)

26 05 33 13-1935	EA	1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial	14.13	
26 05 33 13-1936	EA	3/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial	16.42	
26 05 33 13-1937	EA	1" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial	18.54	
26 05 33 13-1938	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial	20.84	
26 05 33 13-1939	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	22.95	
26 05 33 13-1940	EA	2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	25.58	
26 05 33 13-1941	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	30.38	
26 05 33 13-1942	EA	3" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	34.79	
26 05 33 13-1943	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	41.15	
26 05 33 13-1944	EA	4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	46.35	
26 05 33 13-1945	EA	5" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	58.93	
26 05 33 13-1946	EA	6" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	66.95	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-1947	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial <small>(26 05 33 13-1867)</small> Note: 40 mil Polyvinyl Chloride (PVC) coated, 2 mil urethane lined (Ocal Blue, Crouse-Hinds, Appleton or O-Z/Gedney).		
26 05 33 13-1948	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial <small>(26 05 33 13-1947)</small> Note: Includes field bending for conduit up to 1".		
26 05 33 13-1949	LF 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	11.40	2.20
	<i>For >250 To 500, Deduct</i>	-0.43	
	<i>For >500 To 1,000, Deduct</i>	-0.71	
	<i>For >1,000, Deduct</i>	-1.00	
26 05 33 13-1950	LF 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	12.81	2.72
	<i>For >250 To 500, Deduct</i>	-0.48	
	<i>For >500 To 1,000, Deduct</i>	-0.80	
	<i>For >1,000, Deduct</i>	-1.12	
26 05 33 13-1951	LF 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	15.79	3.03
	<i>For >250 To 500, Deduct</i>	-0.61	
	<i>For >500 To 1,000, Deduct</i>	-1.00	
	<i>For >1,000, Deduct</i>	-1.40	
26 05 33 13-1952	LF 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	19.10	4.07
	<i>For >250 To 500, Deduct</i>	-0.75	
	<i>For >500 To 1,000, Deduct</i>	-1.22	
	<i>For >1,000, Deduct</i>	-1.70	
26 05 33 13-1953	LF 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	22.46	4.59
	<i>For >250 To 500, Deduct</i>	-0.89	
	<i>For >500 To 1,000, Deduct</i>	-1.45	
	<i>For >1,000, Deduct</i>	-2.01	
26 05 33 13-1954	LF 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	28.50	5.01
	<i>For >250 To 500, Deduct</i>	-1.14	
	<i>For >500 To 1,000, Deduct</i>	-1.85	
	<i>For >1,000, Deduct</i>	-2.56	
26 05 33 13-1955	LF 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	41.47	7.52
	<i>For >250 To 500, Deduct</i>	-1.68	
	<i>For >500 To 1,000, Deduct</i>	-2.72	
	<i>For >1,000, Deduct</i>	-3.76	
26 05 33 13-1956	LF 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	53.43	9.40
	<i>For >250 To 500, Deduct</i>	-2.15	
	<i>For >500 To 1,000, Deduct</i>	-3.49	
	<i>For >1,000, Deduct</i>	-4.82	
26 05 33 13-1957	LF 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	65.92	9.92
	<i>For >250 To 500, Deduct</i>	-2.64	
	<i>For >500 To 1,000, Deduct</i>	-4.29	
	<i>For >1,000, Deduct</i>	-5.94	
26 05 33 13-1958	LF 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	78.25	10.96
	<i>For >250 To 500, Deduct</i>	-3.13	
	<i>For >500 To 1,000, Deduct</i>	-5.09	
	<i>For >1,000, Deduct</i>	-7.04	
26 05 33 13-1959	LF 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	122.86	15.14
	<i>For >250 To 500, Deduct</i>	-5.15	
	<i>For >500 To 1,000, Deduct</i>	-8.22	
	<i>For >1,000, Deduct</i>	-11.29	
26 05 33 13-1960	LF 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	164.11	19.83
	<i>For >250 To 500, Deduct</i>	-6.95	
	<i>For >500 To 1,000, Deduct</i>	-11.06	
	<i>For >1,000, Deduct</i>	-15.16	
26 05 33 13-1961	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Couplings, Direct Burial <small>(26 05 33 13-1947)</small>		
26 05 33 13-1962	EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	12.23	3.13
26 05 33 13-1963	EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	14.60	4.17
26 05 33 13-1964	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	18.55	5.22
26 05 33 13-1965	EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	20.95	5.75
26 05 33 13-1966	EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	24.82	6.79
26 05 33 13-1967	EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	32.13	7.83
26 05 33 13-1968	EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	59.55	9.40
26 05 33 13-1969	EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	75.60	13.05
26 05 33 13-1970	EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	93.78	15.14
26 05 33 13-1971	EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	116.01	20.88
26 05 33 13-1972	EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	299.36	28.71
26 05 33 13-1973	EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	302.65	16.18
26 05 33 13-1974	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbows, Direct Burial <small>(26 05 33 13-1947)</small> Note: 90, 45, or 30 degree.		
26 05 33 13-1975	EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	47.01	13.05
26 05 33 13-1976	EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	54.07	16.18
26 05 33 13-1977	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	64.57	19.83
26 05 33 13-1978	EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	76.52	22.96
26 05 33 13-1979	EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	89.79	26.10

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-1980	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	109.88	28.71
26 05 33 13-1981	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	170.88	36.02
26 05 33 13-1982	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	256.09	49.06
26 05 33 13-1983	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	317.93	55.33
26 05 33 13-1984	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	363.17	72.02
26 05 33 13-1985	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	762.89	117.44
26 05 33 13-1986	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	1,201.58	176.42
26 05 33 13-1987		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1947)</small>		
26 05 33 13-1988	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial.....	113.85	19.83
26 05 33 13-1989	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial.....	127.98	22.96
26 05 33 13-1990	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial.....	146.12	26.10
26 05 33 13-1991	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial.....	174.89	28.71
26 05 33 13-1992	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial.....	244.45	36.02
26 05 33 13-1993		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1947)</small>		
26 05 33 13-1994	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial.....	127.18	19.83
26 05 33 13-1995	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial.....	150.00	22.96
26 05 33 13-1996	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial.....	161.91	26.10
26 05 33 13-1997	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial.....	209.32	28.71
26 05 33 13-1998	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial.....	277.66	36.02
26 05 33 13-1999	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial.....	354.56	49.06
26 05 33 13-2000		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1947)</small>		
26 05 33 13-2001	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	143.12	19.83
26 05 33 13-2002	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	161.47	22.96
26 05 33 13-2003	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	182.17	26.10
26 05 33 13-2004	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	220.74	28.71
26 05 33 13-2005	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	315.81	36.02
26 05 33 13-2006	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	399.36	49.06
26 05 33 13-2007	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	505.53	55.33
26 05 33 13-2008	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	567.55	72.02
26 05 33 13-2009		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1947)</small>		
26 05 33 13-2010	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	170.64	19.83
26 05 33 13-2011	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	188.40	22.96
26 05 33 13-2012	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	212.74	26.10
26 05 33 13-2013	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	264.76	28.71
26 05 33 13-2014	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	384.10	36.02
26 05 33 13-2015	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	475.25	49.06
26 05 33 13-2016	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	551.87	55.33
26 05 33 13-2017	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	652.62	72.02

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-2018				Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1947)</small>		
26 05 33 13-2019	EA			1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	192.06	19.83
26 05 33 13-2020	EA			1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	213.46	22.96
26 05 33 13-2021	EA			1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	242.83	26.10
26 05 33 13-2022	EA			2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	303.08	28.71
26 05 33 13-2023	EA			2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	421.36	36.02
26 05 33 13-2024	EA			3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	535.96	49.06
26 05 33 13-2025	EA			3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	664.54	55.33
26 05 33 13-2026	EA			4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	730.71	72.02
26 05 33 13-2027	EA			5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	1,218.79	117.44
26 05 33 13-2028				Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1947)</small>		
26 05 33 13-2029	EA			1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	220.07	19.83
26 05 33 13-2030	EA			1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	243.74	22.96
26 05 33 13-2031	EA			1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	275.82	26.10
26 05 33 13-2032	EA			2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	345.58	28.71
26 05 33 13-2033	EA			2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	483.44	36.02
26 05 33 13-2034	EA			3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	613.30	49.06
26 05 33 13-2035	EA			3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	720.99	55.33
26 05 33 13-2036	EA			4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	831.53	72.02
26 05 33 13-2037	EA			5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	1,289.45	117.44
26 05 33 13-2038	EA			6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	1,759.86	176.42
26 05 33 13-2039				Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1947)</small>		
26 05 33 13-2040	EA			1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	259.07	19.83
26 05 33 13-2041	EA			1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	270.74	22.96
26 05 33 13-2042	EA			1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	319.96	26.10
26 05 33 13-2043	EA			2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	404.74	28.71
26 05 33 13-2044	EA			2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	567.17	36.02
26 05 33 13-2045	EA			3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	717.57	49.06
26 05 33 13-2046	EA			3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	877.95	55.33
26 05 33 13-2047	EA			4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	1,027.65	72.02
26 05 33 13-2048	EA			5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	1,519.91	117.44
26 05 33 13-2049	EA			6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	1,865.65	176.42
26 05 33 13-2050				Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1947)</small>		
26 05 33 13-2051	EA			1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	268.46	19.83
26 05 33 13-2052	EA			1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	316.40	22.96
26 05 33 13-2053	EA			1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	358.13	26.10
26 05 33 13-2054	EA			2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	422.54	28.71
26 05 33 13-2055	EA			2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	588.08	36.02
26 05 33 13-2056	EA			3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	749.63	49.06
26 05 33 13-2057	EA			3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	963.43	55.33

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 05 33	13-2058	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	1,072.13	72.02
26 05 33	13-2059	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	1,581.82	117.44
26 05 33	13-2060	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	1,919.40	176.42
26 05 33 13-2061 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNF Conduit Unions, Direct Burial <small>(26 05 33 13-1947)</small>					
26 05 33	13-2062	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	88.42	13.05
26 05 33	13-2063	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	95.82	16.18
26 05 33	13-2064	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	124.74	19.83
26 05 33	13-2065	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	182.84	22.96
26 05 33	13-2066	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	217.33	26.10
26 05 33	13-2067	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	277.49	28.71
26 05 33	13-2068	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	369.97	36.02
26 05 33	13-2069	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	482.79	36.02
26 05 33	13-2070	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	620.18	55.33
26 05 33	13-2071	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	798.30	72.02
26 05 33	13-2072	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	1,457.73	117.44
26 05 33	13-2073	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	1,809.24	176.42
26 05 33 13-2074 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNY Conduit Unions, Direct Burial <small>(26 05 33 13-1947)</small>					
26 05 33	13-2075	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	90.52	13.05
26 05 33	13-2076	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	103.84	16.18
26 05 33	13-2077	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	129.01	19.83
26 05 33	13-2078	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	190.69	22.96
26 05 33	13-2079	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	228.22	26.10
26 05 33	13-2080	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	301.01	28.71
26 05 33	13-2081	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	420.29	36.02
26 05 33	13-2082	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	533.95	36.02
26 05 33	13-2083	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	712.69	55.33
26 05 33	13-2084	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	890.47	72.02
26 05 33	13-2085	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	1,626.68	117.44
26 05 33	13-2086	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	2,082.05	176.42
26 05 33 13-2087 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Nipples, Direct Burial <small>(26 05 33 13-1947)</small>					
26 05 33	13-2088	EA	1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	30.20	6.27
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.76	
26 05 33	13-2089	EA	3/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	33.67	7.83
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.70	
26 05 33	13-2090	EA	1" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	38.83	9.92
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.95	
26 05 33	13-2091	EA	1-1/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	46.33	11.48
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.89	
26 05 33	13-2092	EA	1-1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	50.24	13.05
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.83	
26 05 33	13-2093	EA	1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	33.52	6.79
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.07	
26 05 33	13-2094	EA	3/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	36.09	7.83
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.70	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2095 EA 1" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	41.27	9.92
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.95	
26 05 33 13-2096 EA 1-1/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	48.92	11.48
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.89	
26 05 33 13-2097 EA 1-1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	53.02	13.05
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.83	
26 05 33 13-2098 EA 2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	57.36	14.62
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.77	
26 05 33 13-2099 EA 1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	33.68	6.79
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.07	
26 05 33 13-2100 EA 3/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	36.25	7.83
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.70	
26 05 33 13-2101 EA 1" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	41.59	9.92
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.95	
26 05 33 13-2102 EA 1-1/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	49.26	11.48
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.89	
26 05 33 13-2103 EA 1-1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	53.35	13.05
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.83	
26 05 33 13-2104 EA 2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	58.23	14.62
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.77	
26 05 33 13-2105 EA 1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	35.98	6.79
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.07	
26 05 33 13-2106 EA 3/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	38.55	7.83
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.70	
26 05 33 13-2107 EA 1" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	44.05	9.92
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.95	
26 05 33 13-2108 EA 1-1/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	50.66	11.48
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.89	
26 05 33 13-2109 EA 1-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	54.90	13.05
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.83	
26 05 33 13-2110 EA 2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	60.94	14.62
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.77	
26 05 33 13-2111 EA 2-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	85.81	17.75
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.65	
26 05 33 13-2112 EA 3" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	110.64	24.54
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.72	
26 05 33 13-2113 EA 1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	36.15	6.79
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.07	
26 05 33 13-2114 EA 3/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	38.87	7.83
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.70	
26 05 33 13-2115 EA 1" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	44.39	9.92
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.95	
26 05 33 13-2116 EA 1-1/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	52.06	11.48
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.89	
26 05 33 13-2117 EA 1-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	56.44	13.05
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.83	
26 05 33 13-2118 EA 2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	63.64	14.62
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.77	
26 05 33 13-2119 EA 2-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	88.20	17.75
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.65	
26 05 33 13-2120 EA 3" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	115.78	24.54
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.72	
26 05 33 13-2121 EA 3-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	138.53	27.66
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.60	
26 05 33 13-2122 EA 4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	161.05	36.02
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.61	
26 05 33 13-2123 EA 1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	36.46	6.79
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.07	
26 05 33 13-2124 EA 3/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	39.20	7.83
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.70	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-2125	EA	1" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	44.75	9.92
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.95	
26 05 33 13-2126	EA	1-1/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	52.71	11.48
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.89	
26 05 33 13-2127	EA	1-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	57.12	13.05
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.83	
26 05 33 13-2128	EA	2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	65.11	14.62
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.77	
26 05 33 13-2129	EA	2-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	97.72	17.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.65	
26 05 33 13-2130	EA	3" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	123.48	24.54
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.72	
26 05 33 13-2131	EA	3-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	140.17	27.66
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.60	
26 05 33 13-2132	EA	4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	165.44	36.02
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.61	
26 05 33 13-2133	EA	5" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	244.49	49.58
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.75	
26 05 33 13-2134	EA	1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	37.07	6.79
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.07	
26 05 33 13-2135	EA	3/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	39.81	7.83
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.70	
26 05 33 13-2136	EA	1" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	45.40	9.92
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.95	
26 05 33 13-2137	EA	1-1/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	53.92	11.48
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.89	
26 05 33 13-2138	EA	1-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	58.57	13.05
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.83	
26 05 33 13-2139	EA	2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	66.59	14.62
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.77	
26 05 33 13-2140	EA	2-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	107.38	17.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.65	
26 05 33 13-2141	EA	3" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	133.72	24.54
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.72	
26 05 33 13-2142	EA	3-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	149.40	27.66
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.60	
26 05 33 13-2143	EA	4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	181.00	36.02
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.61	
26 05 33 13-2144	EA	5" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	267.74	49.58
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.75	
26 05 33 13-2145	EA	1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	38.01	6.79
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.07	
26 05 33 13-2146	EA	3/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	40.72	7.83
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.70	
26 05 33 13-2147	EA	1" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	46.85	9.92
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.95	
26 05 33 13-2148	EA	1-1/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	54.23	11.48
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.89	
26 05 33 13-2149	EA	1-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	61.51	13.05
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.83	
26 05 33 13-2150	EA	2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	73.78	14.62
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.77	
26 05 33 13-2151	EA	2-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	119.26	17.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.65	
26 05 33 13-2152	EA	3" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	147.73	24.54
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.72	
26 05 33 13-2153	EA	3-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	172.48	27.66
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.60	
26 05 33 13-2154	EA	4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	204.35	36.02
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.61	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2155 EA 5" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	283.68	49.58
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	29.75	
26 05 33 13-2156 EA 1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	39.00	6.79
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.07	
26 05 33 13-2157 EA 3/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	41.69	7.83
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.70	
26 05 33 13-2158 EA 1" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	48.28	9.92
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.95	
26 05 33 13-2159 EA 1-1/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	58.58	11.48
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.89	
26 05 33 13-2160 EA 1-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	68.52	13.05
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.83	
26 05 33 13-2161 EA 2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	84.36	14.62
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.77	
26 05 33 13-2162 EA 2-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	131.81	17.75
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.65	
26 05 33 13-2163 EA 3" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	165.67	24.54
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.72	
26 05 33 13-2164 EA 3-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	196.73	27.66
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.60	
26 05 33 13-2165 EA 4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	245.20	36.02
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.61	
26 05 33 13-2166 EA 5" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	315.48	49.58
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	29.75	
26 05 33 13-2167 EA 1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	40.01	6.79
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.07	
26 05 33 13-2168 EA 3/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	42.83	7.83
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.70	
26 05 33 13-2169 EA 1" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	51.90	9.92
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.95	
26 05 33 13-2170 EA 1-1/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	65.72	11.48
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.89	
26 05 33 13-2171 EA 1-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	76.99	13.05
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.83	
26 05 33 13-2172 EA 2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	92.86	14.62
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.77	
26 05 33 13-2173 EA 2-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	148.57	17.75
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.65	
26 05 33 13-2174 EA 3" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	192.57	24.54
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.72	
26 05 33 13-2175 EA 3-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	211.60	27.66
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.60	
26 05 33 13-2176 EA 4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	257.74	36.02
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.61	
26 05 33 13-2177 EA 5" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	320.02	49.58
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	29.75	
26 05 33 13-2178 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit <small>(26 05 33 13-1867)</small>		
Note: Direct burial or encased application.		
26 05 33 13-2179 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit <small>(26 05 33 13-2178)</small>		
26 05 33 13-2180 LF 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial.....	9.14	1.26
For Work In Restricted Working Space, Add	0.95	
26 05 33 13-2181 LF 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial.....	10.14	1.36
For Work In Restricted Working Space, Add	1.02	
26 05 33 13-2182 LF 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial.....	10.77	1.45
For Work In Restricted Working Space, Add	1.09	
26 05 33 13-2183 LF 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial.....	11.41	1.55
For Work In Restricted Working Space, Add	1.17	
26 05 33 13-2184 LF 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial.....	12.26	1.65
For Work In Restricted Working Space, Add	1.24	
26 05 33 13-2185 LF 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial.....	12.72	1.74
For Work In Restricted Working Space, Add	1.31	
26 05 33 13-2186 LF 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial.....	14.61	1.84
For Work In Restricted Working Space, Add	1.38	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-2187	LF	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	16.85	1.94
		<i>For Work In Restricted Working Space, Add</i>	1.46	
26 05 33 13-2188	LF	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	18.60	2.03
		<i>For Work In Restricted Working Space, Add</i>	1.53	
26 05 33 13-2189	LF	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	20.34	2.13
		<i>For Work In Restricted Working Space, Add</i>	1.60	
26 05 33 13-2190	LF	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	24.31	2.23
		<i>For Work In Restricted Working Space, Add</i>	1.67	
26 05 33 13-2191	LF	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	29.25	2.33
		<i>For Work In Restricted Working Space, Add</i>	1.75	

26 05 33 13-2192 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbows, 12" Large Radius Elbows (26 05 33 13-2178)

26 05 33 13-2193	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	134.96	9.71
		<i>For Work In Restricted Working Space, Add</i>	7.28	
		<i>For 24" Radius, Add</i>	9.52	
		<i>For 36" Radius, Add</i>	13.50	
		<i>For 48" Radius, Add</i>	17.48	
26 05 33 13-2194	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	153.06	11.65
		<i>For Work In Restricted Working Space, Add</i>	8.74	
		<i>For 24" Radius, Add</i>	10.75	
		<i>For 36" Radius, Add</i>	15.31	
		<i>For 48" Radius, Add</i>	19.86	
26 05 33 13-2195	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	159.17	13.59
		<i>For Work In Restricted Working Space, Add</i>	10.19	
		<i>For 24" Radius, Add</i>	11.09	
		<i>For 36" Radius, Add</i>	15.92	
		<i>For 48" Radius, Add</i>	20.75	
26 05 33 13-2196	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	165.24	15.53
		<i>For Work In Restricted Working Space, Add</i>	11.65	
		<i>For 24" Radius, Add</i>	11.42	
		<i>For 36" Radius, Add</i>	16.52	
		<i>For 48" Radius, Add</i>	21.63	
26 05 33 13-2197	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	171.35	17.47
		<i>For Work In Restricted Working Space, Add</i>	13.10	
		<i>For 24" Radius, Add</i>	11.76	
		<i>For 36" Radius, Add</i>	17.14	
		<i>For 48" Radius, Add</i>	22.51	
26 05 33 13-2198	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	193.81	19.42
		<i>For Work In Restricted Working Space, Add</i>	14.56	
		<i>For 24" Radius, Add</i>	13.32	
		<i>For 36" Radius, Add</i>	19.38	
		<i>For 48" Radius, Add</i>	25.44	
26 05 33 13-2199	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	227.27	21.35
		<i>For Work In Restricted Working Space, Add</i>	16.02	
		<i>For 24" Radius, Add</i>	15.71	
		<i>For 36" Radius, Add</i>	22.73	
		<i>For 48" Radius, Add</i>	29.74	
26 05 33 13-2200	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	266.90	23.29
		<i>For Work In Restricted Working Space, Add</i>	17.47	
		<i>For 24" Radius, Add</i>	18.56	
		<i>For 36" Radius, Add</i>	26.69	
		<i>For 48" Radius, Add</i>	34.82	
26 05 33 13-2201	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	302.69	27.18
		<i>For Work In Restricted Working Space, Add</i>	20.39	
		<i>For 24" Radius, Add</i>	21.00	
		<i>For 36" Radius, Add</i>	30.27	
		<i>For 48" Radius, Add</i>	39.54	
26 05 33 13-2202	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	338.48	34.94
		<i>For Work In Restricted Working Space, Add</i>	23.30	
		<i>For 24" Radius, Add</i>	23.44	
		<i>For 36" Radius, Add</i>	33.85	
		<i>For 48" Radius, Add</i>	44.25	
26 05 33 13-2203	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	413.39	34.94
		<i>For Work In Restricted Working Space, Add</i>	26.21	
		<i>For 24" Radius, Add</i>	28.82	
		<i>For 36" Radius, Add</i>	41.34	
		<i>For 48" Radius, Add</i>	53.86	
26 05 33 13-2204	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	504.60	38.82
		<i>For Work In Restricted Working Space, Add</i>	29.12	
		<i>For 24" Radius, Add</i>	35.42	
		<i>For 36" Radius, Add</i>	50.46	
		<i>For 48" Radius, Add</i>	65.50	

26 05 33 13-2205 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Couplings (26 05 33 13-2178)

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-2206	EA			1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	59.42 4.08	5.44
26 05 33 13-2207	EA			3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	66.61 4.66	6.21
26 05 33 13-2208	EA			1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	69.07 5.24	6.99
26 05 33 13-2209	EA			1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial <i>For Work In Restricted Working Space, Add</i>	71.45 5.83	7.76
26 05 33 13-2210	EA			1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial <i>For Work In Restricted Working Space, Add</i>	74.43 6.41	8.55
26 05 33 13-2211	EA			2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	86.50 6.99	9.32
26 05 33 13-2212	EA			2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial <i>For Work In Restricted Working Space, Add</i>	102.28 7.86	10.48
26 05 33 13-2213	EA			3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	120.41 8.74	11.65
26 05 33 13-2214	EA			3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial <i>For Work In Restricted Working Space, Add</i>	136.67 10.19	13.59
26 05 33 13-2215	EA			4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	152.93 11.65	15.53
26 05 33 13-2216	EA			5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	186.31 13.10	17.47
26 05 33 13-2217	EA			6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	226.76 14.56	19.42

26 05 33 13-2218 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Couplings (26 05 33 13-2178)

26 05 33 13-2219	EA			1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial <i>For Work In Restricted Working Space, Add</i>	39.45 4.08	5.44
26 05 33 13-2220	EA			3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial <i>For Work In Restricted Working Space, Add</i>	44.26 4.66	6.21
26 05 33 13-2221	EA			1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial <i>For Work In Restricted Working Space, Add</i>	46.51 5.24	6.99
26 05 33 13-2222	EA			1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial <i>For Work In Restricted Working Space, Add</i>	48.76 5.83	7.76
26 05 33 13-2223	EA			1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial <i>For Work In Restricted Working Space, Add</i>	51.00 6.41	8.55
26 05 33 13-2224	EA			2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial <i>For Work In Restricted Working Space, Add</i>	53.11 6.99	9.32
26 05 33 13-2225	EA			2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial <i>For Work In Restricted Working Space, Add</i>	61.99 7.86	10.48
26 05 33 13-2226	EA			3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial <i>For Work In Restricted Working Space, Add</i>	72.07 8.74	11.65
26 05 33 13-2227	EA			3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial <i>For Work In Restricted Working Space, Add</i>	82.29 10.19	13.59
26 05 33 13-2228	EA			4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial <i>For Work In Restricted Working Space, Add</i>	92.51 11.65	15.53
26 05 33 13-2229	EA			5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial <i>For Work In Restricted Working Space, Add</i>	110.84 13.10	17.47
26 05 33 13-2230	EA			6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial <i>For Work In Restricted Working Space, Add</i>	132.43 14.56	19.42

26 05 33 13-2231 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Couplings (26 05 33 13-2178)

26 05 33 13-2232	EA			1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	39.91 2.33	3.11
26 05 33 13-2233	EA			3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	44.47 2.62	3.50
26 05 33 13-2234	EA			1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	45.83 2.91	3.89
26 05 33 13-2235	EA			1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	47.02 3.20	4.27
26 05 33 13-2236	EA			1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	48.82 3.50	4.66
26 05 33 13-2237	EA			2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	57.84 4.08	5.44
26 05 33 13-2238	EA			2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	69.58 4.95	6.60
26 05 33 13-2239	EA			3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	83.10 5.83	7.76
26 05 33 13-2240	EA			3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	95.90 7.28	9.71
26 05 33 13-2241	EA			4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	108.71 8.74	11.65
26 05 33 13-2242	EA			5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	133.43 10.19	13.59
26 05 33 13-2243	EA			6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	163.19 11.65	15.53

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26 05 33 13-2244		Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joints <small>(26 05 33 13-2178)</small>			
26 05 33 13-2245	EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	83.95	19.42		
	<i>For Work In Restricted Working Space, Add</i>	14.56			
26 05 33 13-2246	EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	97.54	23.29		
	<i>For Work In Restricted Working Space, Add</i>	17.47			
26 05 33 13-2247	EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	107.68	27.18		
	<i>For Work In Restricted Working Space, Add</i>	20.39			
26 05 33 13-2248	EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	117.64	31.06		
	<i>For Work In Restricted Working Space, Add</i>	23.30			
26 05 33 13-2249	EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	123.41	33.00		
	<i>For Work In Restricted Working Space, Add</i>	24.75			
26 05 33 13-2250	EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	136.05	34.94		
	<i>For Work In Restricted Working Space, Add</i>	26.21			
26 05 33 13-2251	EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	150.64	36.89		
	<i>For Work In Restricted Working Space, Add</i>	27.66			
26 05 33 13-2252	EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	167.18	38.82		
	<i>For Work In Restricted Working Space, Add</i>	29.12			
26 05 33 13-2253	EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	180.80	40.77		
	<i>For Work In Restricted Working Space, Add</i>	30.58			
26 05 33 13-2254	EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	194.41	42.71		
	<i>For Work In Restricted Working Space, Add</i>	32.03			
26 05 33 13-2255	EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	221.18	44.65		
	<i>For Work In Restricted Working Space, Add</i>	33.49			
26 05 33 13-2256	EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	253.42	46.59		
	<i>For Work In Restricted Working Space, Add</i>	34.94			
26 05 33 13-2257		Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joints <small>(26 05 33 13-2178)</small>			
26 05 33 13-2258	EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	98.35	19.42		
	<i>For Work In Restricted Working Space, Add</i>	14.56			
26 05 33 13-2259	EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	113.67	23.29		
	<i>For Work In Restricted Working Space, Add</i>	17.47			
26 05 33 13-2260	EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	123.90	27.18		
	<i>For Work In Restricted Working Space, Add</i>	20.39			
26 05 33 13-2261	EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	134.03	31.06		
	<i>For Work In Restricted Working Space, Add</i>	23.30			
26 05 33 13-2262	EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	139.93	33.00		
	<i>For Work In Restricted Working Space, Add</i>	24.75			
26 05 33 13-2263	EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	154.91	34.94		
	<i>For Work In Restricted Working Space, Add</i>	26.21			
26 05 33 13-2264	EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	173.28	36.89		
	<i>For Work In Restricted Working Space, Add</i>	27.66			
26 05 33 13-2265	EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	194.35	38.82		
	<i>For Work In Restricted Working Space, Add</i>	29.12			
26 05 33 13-2266	EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	211.38	40.77		
	<i>For Work In Restricted Working Space, Add</i>	30.58			
26 05 33 13-2267	EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	228.40	42.71		
	<i>For Work In Restricted Working Space, Add</i>	32.03			
26 05 33 13-2268	EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	263.78	44.65		
	<i>For Work In Restricted Working Space, Add</i>	33.49			
26 05 33 13-2269	EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	306.67	46.59		
	<i>For Work In Restricted Working Space, Add</i>	34.94			
26 05 33 13-2270		Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapters <small>(26 05 33 13-2178)</small>			
26 05 33 13-2271	EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	132.04	5.44		
	<i>For Work In Restricted Working Space, Add</i>	4.08			
26 05 33 13-2272	EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	147.12	6.21		
	<i>For Work In Restricted Working Space, Add</i>	4.66			
26 05 33 13-2273	EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	153.10	6.99		
	<i>For Work In Restricted Working Space, Add</i>	5.24			
26 05 33 13-2274	EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	159.27	7.76		
	<i>For Work In Restricted Working Space, Add</i>	5.83			
26 05 33 13-2275	EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	163.37	8.55		
	<i>For Work In Restricted Working Space, Add</i>	6.41			
26 05 33 13-2276	EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	178.83	9.32		
	<i>For Work In Restricted Working Space, Add</i>	6.99			
26 05 33 13-2277	EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	212.88	10.48		
	<i>For Work In Restricted Working Space, Add</i>	7.86			
26 05 33 13-2278	EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	253.00	11.65		
	<i>For Work In Restricted Working Space, Add</i>	8.74			
26 05 33 13-2279	EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	285.84	13.59		
	<i>For Work In Restricted Working Space, Add</i>	10.19			
26 05 33 13-2280	EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	318.69	15.53		
	<i>For Work In Restricted Working Space, Add</i>	11.65			
26 05 33 13-2281	EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	393.62	17.47		
	<i>For Work In Restricted Working Space, Add</i>	13.10			
26 05 33 13-2282	EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	483.24	19.42		
	<i>For Work In Restricted Working Space, Add</i>	14.56			
26 05 33 13-2283		Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joints <small>(26 05 33 13-2178)</small>			

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26 05 33 13-2284	EA		1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	123.36	19.42
			<i>For Work In Restricted Working Space, Add</i>	14.56	
26 05 33 13-2285	EA		3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	141.40	23.29
			<i>For Work In Restricted Working Space, Add</i>	17.47	
26 05 33 13-2286	EA		1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	170.68	27.18
			<i>For Work In Restricted Working Space, Add</i>	20.39	
26 05 33 13-2287	EA		1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	216.16	31.06
			<i>For Work In Restricted Working Space, Add</i>	23.30	
26 05 33 13-2288	EA		1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	272.37	33.00
			<i>For Work In Restricted Working Space, Add</i>	24.75	
26 05 33 13-2289	EA		2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	368.76	34.94
			<i>For Work In Restricted Working Space, Add</i>	26.21	
26 05 33 13-2290	EA		2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	535.01	36.89
			<i>For Work In Restricted Working Space, Add</i>	27.66	
26 05 33 13-2291	EA		3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	646.13	38.82
			<i>For Work In Restricted Working Space, Add</i>	29.12	
26 05 33 13-2292	EA		3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	777.19	40.77
			<i>For Work In Restricted Working Space, Add</i>	30.58	
26 05 33 13-2293	EA		4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	908.24	42.71
			<i>For Work In Restricted Working Space, Add</i>	32.03	
26 05 33 13-2294	EA		5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	1,063.65	44.65
			<i>For Work In Restricted Working Space, Add</i>	33.49	
26 05 33 13-2295	EA		6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	1,732.70	46.59
			<i>For Work In Restricted Working Space, Add</i>	34.94	

26 05 33 13-2296

Spacers (26 05 33 13-1867)

Note: For concrete encasement applications. See CSI section 03 30 53 00-0001 for concrete., 26 05 33 13-1867 for conduit.

26 05 33 13-2297	EA		1" Base Spacers, Average 4" Wide, Direct Burial	10.55	
26 05 33 13-2298	EA		1" Intermediate Spacers, Average 4" Wide, Direct Burial	11.30	
26 05 33 13-2299	EA		1-1/4" Base Spacer, Average 4" Wide, Direct Burial	12.52	
26 05 33 13-2300	EA		1-1/4" Intermediate Spacers, Average 4" Wide, Direct Burial	13.43	
26 05 33 13-2301	EA		1-1/2" Base Spacer, Average 4" Wide, Direct Burial	12.65	
26 05 33 13-2302	EA		1-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	13.53	
26 05 33 13-2303	EA		2" Base Spacer, Average 4" Wide, Direct Burial	15.63	
26 05 33 13-2304	EA		2" Intermediate Spacers, Average 4" Wide, Direct Burial	14.51	
26 05 33 13-2305	EA		2-1/2" Base Spacer, Average 4" Wide, Direct Burial	17.25	
26 05 33 13-2306	EA		2-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	16.70	
26 05 33 13-2307	EA		3" Base Spacer, Average 4" Wide, Direct Burial	19.07	
26 05 33 13-2308	EA		3" Intermediate Spacers, Average 4" Wide, Direct Burial	18.85	
26 05 33 13-2309	EA		3-1/2" Base Spacer, Average 4" Wide, Direct Burial	21.34	
26 05 33 13-2310	EA		3-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	20.43	
26 05 33 13-2311	EA		4" Base Spacer, Average 4" Wide, Direct Burial	22.01	
26 05 33 13-2312	EA		4" Intermediate Spacers, Average 4" Wide, Direct Burial	21.00	
26 05 33 13-2313	EA		5" Base Spacer, Average 4" Wide, Direct Burial	24.35	
26 05 33 13-2314	EA		5" Intermediate Spacers, Average 4" Wide, Direct Burial	23.15	
26 05 33 13-2315	EA		6" Base Spacer, Average 4" Wide, Direct Burial	27.70	
26 05 33 13-2316	EA		6" Intermediate Spacers, Average 4" Wide, Direct Burial	26.68	

26 05 33 13-2317

Conduit Field Bending (26 05 33 13-0057)

26 05 33 13-2318

Metallic Conduit Field Bending (26 05 33 13-2317)

Note: For use with Rigid Galvanized Steel (RGS), Electrical Metallic Tubing (EMT), Intermediate Metal Conduit (IMC) and aluminum conduits.

26 05 33 13-2319	EA		1-1/4" Metallic Conduit Field Bending	17.61	
26 05 33 13-2320	EA		1-1/2" Metallic Conduit Field Bending	23.49	
26 05 33 13-2321	EA		2" Metallic Conduit Field Bending	29.36	
26 05 33 13-2322	EA		2-1/2" Metallic Conduit Field Bending	41.11	
26 05 33 13-2323	EA		3" Metallic Conduit Field Bending	52.85	
26 05 33 13-2324	EA		3-1/2" Metallic Conduit Field Bending	64.60	
26 05 33 13-2325	EA		4" Metallic Conduit Field Bending	76.35	
26 05 33 13-2326	EA		5" Metallic Conduit Field Bending	93.96	
26 05 33 13-2327	EA		6" Metallic Conduit Field Bending	111.58	

26 05 33 13-2328

Plastic Conduit Field Bending (26 05 33 13-2317)

Note: For PVC conduits.

26 05 33 13-2329	EA		1" Plastic Conduit Field Bending	27.02	
26 05 33 13-2330	EA		1-1/4" Plastic Conduit Field Bending	29.36	
26 05 33 13-2331	EA		1-1/2" Plastic Conduit Field Bending	35.24	
26 05 33 13-2332	EA		2" Plastic Conduit Field Bending	46.99	
26 05 33 13-2333	EA		2-1/2" Plastic Conduit Field Bending	58.72	
26 05 33 13-2334	EA		3" Plastic Conduit Field Bending	70.47	
26 05 33 13-2335	EA		3-1/2" Plastic Conduit Field Bending	82.22	

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26 05 33 13-2336	EA	4" Plastic Conduit Field Bending.....	93.96	
26 05 33 13-2337	EA	5" Plastic Conduit Field Bending.....	105.71	
26 05 33 13-2338	EA	6" Plastic Conduit Field Bending.....	117.46	

26 05 33 13-2339 Cut And Thread Existing In-Place Threaded Conduit (26 05 33 13-0057)

Note: For use when connecting conduit to an existing in-place system.

26 05 33 13-2340	EA	1/2", Cut And Thread Existing In-Place Threaded Conduit.....	34.34	
		<i>For Work In Restricted Working Space, Add</i>	10.30	
26 05 33 13-2341	EA	3/4", Cut And Thread Existing In-Place Threaded Conduit.....	37.77	
		<i>For Work In Restricted Working Space, Add</i>	11.33	
26 05 33 13-2342	EA	1", Cut And Thread Existing In-Place Threaded Conduit.....	41.21	
		<i>For Work In Restricted Working Space, Add</i>	12.36	
26 05 33 13-2343	EA	1-1/4", Cut And Thread Existing In-Place Threaded Conduit.....	44.64	
		<i>For Work In Restricted Working Space, Add</i>	13.39	
26 05 33 13-2344	EA	1-1/2", Cut And Thread Existing In-Place Threaded Conduit.....	46.93	
		<i>For Work In Restricted Working Space, Add</i>	14.08	
26 05 33 13-2345	EA	2", Cut And Thread Existing In-Place Threaded Conduit.....	49.22	
		<i>For Work In Restricted Working Space, Add</i>	14.77	
26 05 33 13-2346	EA	2-1/2", Cut And Thread Existing In-Place Threaded Conduit.....	51.51	
		<i>For Work In Restricted Working Space, Add</i>	15.45	
26 05 33 13-2347	EA	3", Cut And Thread Existing In-Place Threaded Conduit.....	53.80	
		<i>For Work In Restricted Working Space, Add</i>	16.14	
26 05 33 13-2348	EA	3-1/2", Cut And Thread Existing In-Place Threaded Conduit.....	54.94	
		<i>For Work In Restricted Working Space, Add</i>	16.48	
26 05 33 13-2349	EA	4", Cut And Thread Existing In-Place Threaded Conduit.....	56.09	
		<i>For Work In Restricted Working Space, Add</i>	16.83	
26 05 33 13-2350	EA	5", Cut And Thread Existing In-Place Threaded Conduit.....	58.38	
		<i>For Work In Restricted Working Space, Add</i>	17.51	
26 05 33 13-2351	EA	6", Cut And Thread Existing In-Place Threaded Conduit.....	60.67	
		<i>For Work In Restricted Working Space, Add</i>	18.20	

26 05 33 13-2352 Flexible Conduit (26 05 33 13-0057)

26 05 33 13-2353 Flexible Liquid Tight Metallic Conduit And Connectors (26 05 33 13-2352)

Note: Steel inner core with PVC cover.

26 05 33 13-2354 Flexible Liquid Tight Metallic Conduit (26 05 33 13-2353)

26 05 33 13-2355	LF	3/8" Flexible Liquid Tight Metallic Conduit.....	4.46	1.25
		<i>For Work In Restricted Working Space, Add</i>	0.94	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.47	
26 05 33 13-2356	LF	1/2" Flexible Liquid Tight Metallic Conduit.....	4.65	1.25
		<i>For Work In Restricted Working Space, Add</i>	0.94	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.47	
26 05 33 13-2357	LF	3/4" Flexible Liquid Tight Metallic Conduit.....	6.24	1.67
		<i>For Work In Restricted Working Space, Add</i>	1.25	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.63	
26 05 33 13-2358	LF	1" Flexible Liquid Tight Metallic Conduit.....	7.29	1.67
		<i>For Work In Restricted Working Space, Add</i>	1.25	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.63	
26 05 33 13-2359	LF	1-1/4" Flexible Liquid Tight Metallic Conduit.....	9.47	2.09
		<i>For Work In Restricted Working Space, Add</i>	1.57	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.78	
26 05 33 13-2360	LF	1-1/2" Flexible Liquid Tight Metallic Conduit.....	12.24	2.51
		<i>For Work In Restricted Working Space, Add</i>	1.88	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.94	
26 05 33 13-2361	LF	2" Flexible Liquid Tight Metallic Conduit.....	16.08	3.34
		<i>For Work In Restricted Working Space, Add</i>	2.51	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	1.25	
26 05 33 13-2362	LF	2-1/2" Flexible Liquid Tight Metallic Conduit.....	22.16	3.76
		<i>For Work In Restricted Working Space, Add</i>	2.82	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	1.41	
26 05 33 13-2363	LF	3" Flexible Liquid Tight Metallic Conduit.....	32.95	4.59
		<i>For Work In Restricted Working Space, Add</i>	3.44	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	1.72	
26 05 33 13-2364	LF	4" Flexible Liquid Tight Metallic Conduit.....	45.26	5.85
		<i>For Work In Restricted Working Space, Add</i>	4.39	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	2.19	

26 05 33 13-2365 Straight Liquid Tight Connector (26 05 33 13-2353)

26 05 33 13-2366	EA	3/8" Straight Liquid Tight Connector.....	12.14	3.34
		<i>For Work In Restricted Working Space, Add</i>	2.51	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.51	
26 05 33 13-2367	EA	1/2" Straight Liquid Tight Connector.....	12.14	3.34
		<i>For Work In Restricted Working Space, Add</i>	2.51	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.51	
26 05 33 13-2368	EA	3/4" Straight Liquid Tight Connector.....	14.82	3.76
		<i>For Work In Restricted Working Space, Add</i>	2.82	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.82	
26 05 33 13-2369	EA	1" Straight Liquid Tight Connector.....	20.12	4.17
		<i>For Work In Restricted Working Space, Add</i>	3.13	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.13	
26 05 33 13-2370	EA	1-1/4" Straight Liquid Tight Connector.....	26.12	4.59
		<i>For Work In Restricted Working Space, Add</i>	3.44	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.44	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2371	EA		1-1/2" Straight Liquid Tight Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.40 3.76 3.76	5.01
26 05 33 13-2372	EA		2" Straight Liquid Tight Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	46.43 4.39 4.39	5.85
26 05 33 13-2373	EA		2-1/2" Straight Liquid Tight Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	163.19 5.64 5.64	7.52
26 05 33 13-2374	EA		3" Straight Liquid Tight Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	211.07 5.95 5.95	7.93
26 05 33 13-2375	EA		4" Straight Liquid Tight Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	257.62 8.77 8.77	11.69
26 05 33 13-2376	90 Degree Angle Liquid Tight Connector (26 05 33 13-2353)				
26 05 33 13-2377	EA		3/8" 90 Degree Angle Liquid Tight Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.80 3.44 3.44	4.59
26 05 33 13-2378	EA		1/2" 90 Degree Angle Liquid Tight Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.62 3.44 3.44	4.59
26 05 33 13-2379	EA		3/4" 90 Degree Angle Liquid Tight Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.11 3.76 3.76	5.01
26 05 33 13-2380	EA		1" 90 Degree Angle Liquid Tight Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.23 4.39 4.39	5.85
26 05 33 13-2381	EA		1-1/4" 90 Degree Angle Liquid Tight Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.49 4.70 4.70	6.27
26 05 33 13-2382	EA		1-1/2" 90 Degree Angle Liquid Tight Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.02 5.01 5.01	6.68
26 05 33 13-2383	EA		2" 90 Degree Angle Liquid Tight Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.70 5.64 5.64	7.52
26 05 33 13-2384	EA		2-1/2" 90 Degree Angle Liquid Tight Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	228.94 5.95 5.95	7.93
26 05 33 13-2385	EA		3" 90 Degree Angle Liquid Tight Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	270.59 6.89 6.89	9.18
26 05 33 13-2386	EA		4" 90 Degree Angle Liquid Tight Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	373.62 10.96 10.96	14.62
26 05 33 13-2387	45 Degree Angle Connector (26 05 33 13-2353)				
26 05 33 13-2388	EA		3/8" 45 Degree Angle Liquid Tight Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.53 3.44 3.44	4.59
26 05 33 13-2389	EA		1/2" 45 Degree Angle Liquid Tight Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.72 3.44 3.44	4.59
26 05 33 13-2390	EA		3/4" 45 Degree Angle Liquid Tight Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.11 3.76 3.76	5.01
26 05 33 13-2391	EA		1" 45 Degree Angle Liquid Tight Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.46 4.39 4.39	5.85
26 05 33 13-2392	EA		1-1/4" 45 Degree Angle Liquid Tight Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.05 4.70 4.70	6.27
26 05 33 13-2393	EA		1-1/2" 45 Degree Angle Liquid Tight Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.64 5.01 5.01	6.68
26 05 33 13-2394	Flexible Metallic Conduit And Connectors (26 05 33 13-2352)				
26 05 33 13-2395	Flexible Steel Conduit (26 05 33 13-2394)				
26 05 33 13-2396	LF		3/8" Flexible Metallic Conduit <i>For Work In Restricted Working Space, Add</i> <i>For Installation In Metal Stud Wall, Add</i> <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i> <i>For Flexible Aluminum Conduit, Add</i> <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	4.14 1.01 0.34 0.84 0.13 0.50	1.37
26 05 33 13-2397	LF		1/2" Flexible Metallic Conduit <i>For Work In Restricted Working Space, Add</i> <i>For Installation In Metal Stud Wall, Add</i> <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i> <i>For Flexible Aluminum Conduit, Add</i> <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	4.30 1.03 0.34 0.86 0.14 0.51	1.37

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-2398	LF	3/4" Flexible Metallic Conduit.....	4.89	1.82
		<i>For Work In Restricted Working Space, Add</i>	1.11	
		<i>For Installation In Metal Stud Wall, Add</i>	0.37	
		<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	0.93	
		<i>For Flexible Aluminum Conduit, Add</i>	0.19	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.56	
26 05 33 13-2399	LF	1" Flexible Metallic Conduit.....	6.21	1.82
		<i>For Work In Restricted Working Space, Add</i>	1.20	
		<i>For Installation In Metal Stud Wall, Add</i>	0.40	
		<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	1.00	
		<i>For Flexible Aluminum Conduit, Add</i>	0.36	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.60	
26 05 33 13-2400	LF	1-1/4" Flexible Metallic Conduit.....	7.11	2.29
		<i>For Work In Restricted Working Space, Add</i>	1.27	
		<i>For Installation In Metal Stud Wall, Add</i>	0.42	
		<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	1.06	
		<i>For Flexible Aluminum Conduit, Add</i>	0.48	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.63	
26 05 33 13-2401	LF	1-1/2" Flexible Metallic Conduit.....	9.45	2.75
		<i>For Work In Restricted Working Space, Add</i>	1.32	
		<i>For Installation In Metal Stud Wall, Add</i>	0.44	
		<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	1.10	
		<i>For Flexible Aluminum Conduit, Add</i>	0.83	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.66	
26 05 33 13-2402	LF	2" Flexible Metallic Conduit.....	10.77	3.66
		<i>For Work In Restricted Working Space, Add</i>	1.37	
		<i>For Installation In Metal Stud Wall, Add</i>	0.46	
		<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	1.14	
		<i>For Flexible Aluminum Conduit, Add</i>	1.02	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.69	
26 05 33 13-2403	LF	2-1/2" Flexible Steel Conduit.....	13.21	4.11
		<i>For Work In Restricted Working Space, Add</i>	1.71	
		<i>For Installation In Metal Stud Wall, Add</i>	0.57	
		<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	1.43	
		<i>For Flexible Aluminum Conduit, Add</i>	1.24	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.86	
26 05 33 13-2404	LF	3" Flexible Metallic Conduit.....	19.89	5.03
		<i>For Work In Restricted Working Space, Add</i>	2.06	
		<i>For Installation In Metal Stud Wall, Add</i>	0.69	
		<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	1.72	
		<i>For Flexible Aluminum Conduit, Add</i>	2.15	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	1.03	
26 05 33 13-2405	LF	3-1/2" Flexible Metallic Conduit.....	24.43	5.48
		<i>For Work In Restricted Working Space, Add</i>	2.40	
		<i>For Installation In Metal Stud Wall, Add</i>	0.80	
		<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	2.00	
		<i>For Flexible Aluminum Conduit, Add</i>	2.71	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	1.20	
26 05 33 13-2406	LF	4" Flexible Metallic Conduit.....	28.09	6.40
		<i>For Work In Restricted Working Space, Add</i>	2.74	
		<i>For Installation In Metal Stud Wall, Add</i>	0.91	
		<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	2.29	
		<i>For Flexible Aluminum Conduit, Add</i>	3.13	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	1.37	

26 05 33 13-2407 Plain Squeeze Type Straight Connector (26 05 33 13-2394)

26 05 33 13-2408	EA	3/8" Flexible Straight Connectors, Plain.....	7.14	3.66
		<i>For Work In Restricted Working Space, Add</i>	1.54	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.54	
26 05 33 13-2409	EA	1/2" Flexible Straight Connectors, Plain.....	8.88	4.11
		<i>For Work In Restricted Working Space, Add</i>	1.71	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.71	
26 05 33 13-2410	EA	3/4" Flexible Straight Connectors, Plain.....	10.20	5.03
		<i>For Work In Restricted Working Space, Add</i>	2.06	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.06	
26 05 33 13-2411	EA	1" Flexible Straight Connectors, Plain.....	16.48	5.48
		<i>For Work In Restricted Working Space, Add</i>	2.74	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.74	
26 05 33 13-2412	EA	1-1/4" Flexible Straight Connectors, Plain.....	23.44	6.40
		<i>For Work In Restricted Working Space, Add</i>	3.43	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.43	
26 05 33 13-2413	EA	1-1/2" Flexible Straight Connectors, Plain.....	30.96	7.77
		<i>For Work In Restricted Working Space, Add</i>	4.28	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.28	
26 05 33 13-2414	EA	2" Flexible Straight Connectors, Plain.....	40.86	7.77
		<i>For Work In Restricted Working Space, Add</i>	5.14	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.14	
26 05 33 13-2415	EA	2-1/2" Flexible Straight Connectors, Plain.....	66.60	9.60
		<i>For Work In Restricted Working Space, Add</i>	6.00	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.00	
26 05 33 13-2416	EA	3" Flexible Straight Connectors, Plain.....	87.46	10.51
		<i>For Work In Restricted Working Space, Add</i>	6.86	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.86	
26 05 33 13-2417	EA	3-1/2" Flexible Straight Connectors, Plain.....	275.58	12.34
		<i>For Work In Restricted Working Space, Add</i>	7.71	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.71	
26 05 33 13-2418	EA	4" Flexible Straight Connectors, Plain.....	344.68	15.09
		<i>For Work In Restricted Working Space, Add</i>	8.57	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.57	

	MINOR	DESCRIPTION	TOTAL DIRECT	DEMOLITION
	CSI	UOM	UNIT COST	UNIT COST

26 05 33 13-2419 Insulated Throat Squeeze Type Straight Connector (26 05 33 13-2394)				
26 05 33 13-2420	EA	1/2" Flexible Straight Connectors, Insulated	9.98	4.11
		<i>For Work In Restricted Working Space, Add</i>	1.71	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.71	
26 05 33 13-2421	EA	3/4" Flexible Straight Connectors, Insulated	11.64	5.03
		<i>For Work In Restricted Working Space, Add</i>	2.06	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.06	
26 05 33 13-2422	EA	1" Flexible Straight Connectors, Insulated	18.43	5.48
		<i>For Work In Restricted Working Space, Add</i>	2.74	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.74	
26 05 33 13-2423	EA	1-1/4" Flexible Straight Connectors, Insulated	27.03	6.40
		<i>For Work In Restricted Working Space, Add</i>	3.43	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.43	
26 05 33 13-2424	EA	1-1/2" Flexible Straight Connectors, Insulated	37.34	6.86
		<i>For Work In Restricted Working Space, Add</i>	4.28	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.28	
26 05 33 13-2425	EA	2" Flexible Straight Connectors, Insulated	52.12	7.77
		<i>For Work In Restricted Working Space, Add</i>	5.14	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.14	
26 05 33 13-2426	EA	2-1/2" Flexible Straight Connectors, Insulated	90.70	9.60
		<i>For Work In Restricted Working Space, Add</i>	6.00	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.00	
26 05 33 13-2427	EA	3" Flexible Straight Connectors, Insulated	115.86	10.51
		<i>For Work In Restricted Working Space, Add</i>	6.86	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.86	
26 05 33 13-2428	EA	3-1/2" Flexible Straight Connectors, Insulated	319.36	12.34
		<i>For Work In Restricted Working Space, Add</i>	7.71	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.71	
26 05 33 13-2429	EA	4" Flexible Straight Connectors, Insulated	410.50	15.09
		<i>For Work In Restricted Working Space, Add</i>	8.57	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.57	
26 05 33 13-2430 Plain Squeeze Type 90 Degree Connector (26 05 33 13-2394)				
26 05 33 13-2431	EA	3/8" Flexible 90 Degree Connector, Plain	10.06	4.57
		<i>For Work In Restricted Working Space, Add</i>	2.06	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.06	
26 05 33 13-2432	EA	1/2" Flexible 90 Degree Connector, Plain	13.36	5.03
		<i>For Work In Restricted Working Space, Add</i>	2.40	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.40	
26 05 33 13-2433	EA	3/4" Flexible 90 Degree Connector, Plain	17.53	5.48
		<i>For Work In Restricted Working Space, Add</i>	2.74	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.74	
26 05 33 13-2434	EA	1" Flexible 90 Degree Connector, Plain	24.67	6.40
		<i>For Work In Restricted Working Space, Add</i>	3.43	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.43	
26 05 33 13-2435	EA	1-1/4" Flexible 90 Degree Connector, Plain	38.85	6.86
		<i>For Work In Restricted Working Space, Add</i>	4.11	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.11	
26 05 33 13-2436	EA	1-1/2" Flexible 90 Degree Connector, Plain	61.08	8.00
		<i>For Work In Restricted Working Space, Add</i>	5.14	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.14	
26 05 33 13-2437	EA	2" Flexible 90 Degree Connector, Plain	73.77	9.82
		<i>For Work In Restricted Working Space, Add</i>	5.83	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.83	
26 05 33 13-2438	EA	2-1/2" Flexible 90 Degree Connector, Plain	164.49	10.51
		<i>For Work In Restricted Working Space, Add</i>	6.86	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.86	
26 05 33 13-2439	EA	3" Flexible 90 Degree Connector, Plain	211.66	12.34
		<i>For Work In Restricted Working Space, Add</i>	7.71	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.71	
26 05 33 13-2440	EA	3-1/2" Flexible 90 Degree Connector, Plain	451.44	15.09
		<i>For Work In Restricted Working Space, Add</i>	8.57	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.57	
26 05 33 13-2441	EA	4" Flexible 90 Degree Connector, Plain	808.08	17.14
		<i>For Work In Restricted Working Space, Add</i>	10.28	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.28	
26 05 33 13-2442 Insulated Throat Squeeze Type 90 Degree Connector (26 05 33 13-2394)				
26 05 33 13-2443	EA	1/2" Flexible 90 Degree Connector, Insulated	14.88	5.03
		<i>For Work In Restricted Working Space, Add</i>	2.40	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.40	
26 05 33 13-2444	EA	3/4" Flexible 90 Degree Connector, Insulated	19.40	5.48
		<i>For Work In Restricted Working Space, Add</i>	2.74	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.74	
26 05 33 13-2445	EA	1" Flexible 90 Degree Connector, Insulated	24.67	6.40
		<i>For Work In Restricted Working Space, Add</i>	3.43	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.43	
26 05 33 13-2446	EA	1-1/4" Flexible 90 Degree Connector, Insulated	45.50	6.86
		<i>For Work In Restricted Working Space, Add</i>	4.11	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.11	
26 05 33 13-2447	EA	1-1/2" Flexible 90 Degree Connector, Insulated	73.15	8.00
		<i>For Work In Restricted Working Space, Add</i>	5.14	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.14	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-2448	EA	2"	Flexible 90 Degree Connector, Insulated	93.39	9.82
			<i>For Work In Restricted Working Space, Add</i>	5.83	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.83	
26 05 33 13-2449	EA	2-1/2"	Flexible 90 Degree Connector, Insulated	225.83	10.51
			<i>For Work In Restricted Working Space, Add</i>	6.86	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.86	
26 05 33 13-2450	EA	3"	Flexible 90 Degree Connector, Insulated	278.12	12.34
			<i>For Work In Restricted Working Space, Add</i>	7.71	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.71	
26 05 33 13-2451	EA	3-1/2"	Flexible 90 Degree Connector, Insulated	752.67	15.09
			<i>For Work In Restricted Working Space, Add</i>	8.57	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.57	
26 05 33 13-2452	EA	4"	Flexible 90 Degree Connector, Insulated	1,123.58	17.14
			<i>For Work In Restricted Working Space, Add</i>	10.28	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.28	
26 05 33 13-2453 Plain Squeeze Type 45 Degree Connector (26 05 33 13-2394)					
26 05 33 13-2454	EA	3/8"	Flexible 45 Degree Connector, Plain	11.28	4.57
			<i>For Work In Restricted Working Space, Add</i>	2.06	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.06	
26 05 33 13-2455	EA	1/2"	Flexible 45 Degree Connector, Plain	15.32	5.03
			<i>For Work In Restricted Working Space, Add</i>	2.40	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.40	
26 05 33 13-2456	EA	3/4"	Flexible 45 Degree Connector, Plain	19.72	5.48
			<i>For Work In Restricted Working Space, Add</i>	2.74	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.74	
26 05 33 13-2457 Insulated Squeeze Type 45 Degree Connector (26 05 33 13-2394)					
26 05 33 13-2458	EA	3/8"	Flexible 45 Degree Connector, Insulated	12.13	5.48
			<i>For Work In Restricted Working Space, Add</i>	2.06	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.06	
26 05 33 13-2459	EA	1/2"	Flexible 45 Degree Connector, Insulated	16.70	5.03
			<i>For Work In Restricted Working Space, Add</i>	2.40	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.40	
26 05 33 13-2460	EA	3/4"	Flexible 45 Degree Connector, Insulated	21.68	5.48
			<i>For Work In Restricted Working Space, Add</i>	2.74	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.74	
26 05 33 13-2461 Plain Screw-In Connector (26 05 33 13-2394)					
26 05 33 13-2462	EA	3/8"	Flexible Steel Screw-in Connector, Plain	5.88	3.66
			<i>For Work In Restricted Working Space, Add</i>	1.54	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.54	
26 05 33 13-2463	EA	1/2"	Flexible Steel Screw-in Connector, Plain	6.33	4.11
			<i>For Work In Restricted Working Space, Add</i>	1.71	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.71	
26 05 33 13-2464	EA	3/4"	Flexible Steel Screw-in Connector, Plain	8.10	5.03
			<i>For Work In Restricted Working Space, Add</i>	2.06	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.06	
26 05 33 13-2465	EA	1"	Flexible Steel Screw-in Connector, Plain	11.64	5.48
			<i>For Work In Restricted Working Space, Add</i>	2.74	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.74	
26 05 33 13-2466	EA	1-1/4"	Flexible Steel Screw-in Connector, Plain	17.29	6.40
			<i>For Work In Restricted Working Space, Add</i>	3.43	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.43	
26 05 33 13-2467	EA	1-1/2"	Flexible Steel Screw-in Connector, Plain	21.10	6.86
			<i>For Work In Restricted Working Space, Add</i>	4.28	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.28	
26 05 33 13-2468	EA	2"	Flexible Steel Screw-in Connector, Plain	31.31	7.77
			<i>For Work In Restricted Working Space, Add</i>	5.14	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.14	
26 05 33 13-2469 Insulated Screw-In Connector (26 05 33 13-2394)					
26 05 33 13-2470	EA	3/8"	Flexible Steel Screw-in Connector, Insulated	6.24	3.66
			<i>For Work In Restricted Working Space, Add</i>	1.54	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.54	
26 05 33 13-2471	EA	1/2"	Flexible Steel Screw-in Connector, Insulated	6.61	4.11
			<i>For Work In Restricted Working Space, Add</i>	1.71	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.71	
26 05 33 13-2472	EA	3/4"	Flexible Steel Screw-in Connector, Insulated	8.85	5.03
			<i>For Work In Restricted Working Space, Add</i>	2.06	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.06	
26 05 33 13-2473	EA	1"	Flexible Steel Screw-in Connector, Insulated	12.78	5.48
			<i>For Work In Restricted Working Space, Add</i>	2.74	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.74	
26 05 33 13-2474	EA	1-1/4"	Flexible Steel Screw-in Connector, Insulated	18.90	6.40
			<i>For Work In Restricted Working Space, Add</i>	3.43	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.43	
26 05 33 13-2475	EA	1-1/2"	Flexible Steel Screw-in Connector, Insulated	23.04	6.86
			<i>For Work In Restricted Working Space, Add</i>	4.28	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.28	
26 05 33 13-2476	EA	2"	Flexible Steel Screw-in Connector, Insulated	33.01	7.77
			<i>For Work In Restricted Working Space, Add</i>	5.14	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.14	

	MINOR	DESCRIPTION	TOTAL DIRECT	DEMOLITION
	CSI		UNIT COST	UNIT COST

26 05 33 13-2477 Screw-In Coupling (26 05 33 13-2394)				
26 05 33 13-2478	EA	1/2" Flexible Steel Screw-in Coupling <i>For Work In Restricted Working Space, Add</i>	7.03 1.71	4.11
26 05 33 13-2479	EA	3/4" Flexible Steel Screw-in Coupling <i>For Work In Restricted Working Space, Add</i>	9.28 2.06	5.03
26 05 33 13-2480 Flexible To Electrical Metallic Tubing (EMT) Coupling (26 05 33 13-2394)				
26 05 33 13-2481	EA	3/8" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling <i>For Work In Restricted Working Space, Add</i>	9.64 1.54	3.66
26 05 33 13-2482	EA	1/2" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling <i>For Work In Restricted Working Space, Add</i>	13.22 1.71	4.11
26 05 33 13-2483	EA	3/4" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling <i>For Work In Restricted Working Space, Add</i>	17.54 2.06	5.03
26 05 33 13-2484 Die Cast Squeeze Type Straight Connector (26 05 33 13-2394)				
26 05 33 13-2485	EA	3/8" Flexible Straight Connector, Die Cast <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.10 1.54 1.54	3.66
26 05 33 13-2486	EA	1/2" Flexible Straight Connector, Die Cast <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.91 1.71 1.71	4.11
26 05 33 13-2487	EA	3/4" Flexible Straight Connector, Die Cast <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.60 2.06 2.06	5.03
26 05 33 13-2488	EA	1" Flexible Straight Connector, Die Cast <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.03 2.74 2.74	5.48
26 05 33 13-2489	EA	1-1/4" Flexible Straight Connector, Die Cast <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.63 3.43 3.43	6.40
26 05 33 13-2490	EA	1-1/2" Flexible Straight Connector, Die Cast <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24.01 4.28 4.28	6.86
26 05 33 13-2491	EA	2" Flexible Straight Connector, Die Cast <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.15 5.14 5.14	7.77
26 05 33 13-2492 Die Cast Squeeze Type 90 Degree Connector (26 05 33 13-2394)				
26 05 33 13-2493	EA	3/8" Flexible 90 Degree Connector, Die Cast <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.09 2.06 2.06	4.57
26 05 33 13-2494	EA	1/2" Flexible 90 Degree Connector, Die Cast <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.06 2.40 2.40	5.03
26 05 33 13-2495	EA	3/4" Flexible 90 Degree Connector, Die Cast <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.25 2.74 2.74	5.48
26 05 33 13-2496	EA	1" Flexible 90 Degree Connector, Die Cast <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.65 3.43 3.43	6.40
26 05 33 13-2497	EA	1-1/4" Flexible 90 Degree Connector, Die Cast <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.06 4.11 4.11	6.86
26 05 33 13-2498	EA	1-1/2" Flexible 90 Degree Connector, Die Cast <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	43.92 5.14 5.14	8.00
26 05 33 13-2499	EA	2" Flexible 90 Degree Connector, Die Cast <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	52.60 5.83 5.83	9.82
26 05 33 13-2500 Flexible Liquid Tight Non-Metallic Conduit And Connectors (26 05 33 13-2352)				
26 05 33 13-2501 Flexible Liquid Tight Non-Metallic Conduit (26 05 33 13-2500)				
26 05 33 13-2502	LF	3/8" Flexible Liquid Tight Non-Metallic Conduit <i>For Work In Restricted Working Space, Add</i>	4.01 0.94	1.25
26 05 33 13-2503	LF	1/2" Flexible Liquid Tight Non-Metallic Conduit <i>For Work In Restricted Working Space, Add</i>	4.08 0.94	1.25
26 05 33 13-2504	LF	3/4" Flexible Liquid Tight Non-Metallic Conduit <i>For Work In Restricted Working Space, Add</i>	5.49 1.25	1.67
26 05 33 13-2505	LF	1" Flexible Liquid Tight Non-Metallic Conduit <i>For Work In Restricted Working Space, Add</i>	6.83 1.25	1.67
26 05 33 13-2506	LF	1-1/4" Flexible Liquid Tight Non-Metallic Conduit <i>For Work In Restricted Working Space, Add</i>	8.68 1.57	2.09
26 05 33 13-2507	LF	1-1/2" Flexible Liquid Tight Non-Metallic Conduit <i>For Work In Restricted Working Space, Add</i>	11.08 1.88	2.51
26 05 33 13-2508	LF	2" Flexible Liquid Tight Non-Metallic Conduit <i>For Work In Restricted Working Space, Add</i>	14.22 2.51	3.34
26 05 33 13-2509 Liquid Tight Non-Metallic Straight Connector (26 05 33 13-2500)				
26 05 33 13-2510	EA	3/8" Liquid Tight Non-Metallic Straight Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.59 2.51 2.51	3.34

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2511	EA		1/2" Liquid Tight Non-Metallic Straight Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.59 2.51 2.51	3.34
26 05 33 13-2512	EA		3/4" Liquid Tight Non-Metallic Straight Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19 2.82 2.82	3.76
26 05 33 13-2513	EA		1" Liquid Tight Non-Metallic Straight Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.64 3.13 3.13	4.17
26 05 33 13-2514	EA		1-1/4" Liquid Tight Non-Metallic Straight Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24.40 3.44 3.44	4.59
26 05 33 13-2515	EA		1-1/2" Liquid Tight Non-Metallic Straight Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.50 3.76 3.76	5.01
26 05 33 13-2516	EA		2" Liquid Tight Non-Metallic Straight Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.60 4.39 4.39	5.85
26 05 33 13-2517 Liquid Tight Non-Metallic 90 Degree Angle Connector <small>(26 05 33 13-2500)</small>					
26 05 33 13-2518	EA		3/8" Liquid Tight Non-Metallic 90 Degree Angle Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.75 3.44 3.44	4.59
26 05 33 13-2519	EA		1/2" Liquid Tight Non-Metallic 90 Degree Angle Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.75 3.44 3.44	4.59
26 05 33 13-2520	EA		3/4" Liquid Tight Non-Metallic 90 Degree Angle Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.62 3.76 3.76	5.01
26 05 33 13-2521	EA		1" Liquid Tight Non-Metallic 90 Degree Angle Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.24 4.39 4.39	5.85
26 05 33 13-2522	EA		1-1/4" Liquid Tight Non-Metallic 90 Degree Angle Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.20 4.70 4.70	6.27
26 05 33 13-2523	EA		1-1/2" Liquid Tight Non-Metallic 90 Degree Angle Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.90 5.01 5.01	6.68
26 05 33 13-2524	EA		2" Liquid Tight Non-Metallic 90 Degree Angle Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	64.43 5.64 5.64	7.52
26 05 33 13-2525 Liquid Tight Non-Metallic 45 Degree Angle Connector <small>(26 05 33 13-2500)</small>					
26 05 33 13-2526	EA		3/8" Liquid Tight Non-Metallic 45 Degree Angle Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.75 3.44 3.44	4.59
26 05 33 13-2527	EA		1/2" Liquid Tight Non-Metallic 45 Degree Angle Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.75 3.44 3.44	4.59
26 05 33 13-2528	EA		3/4" Liquid Tight Non-Metallic 45 Degree Angle Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.62 3.76 3.76	5.01
26 05 33 13-2529	EA		1" Liquid Tight Non-Metallic 45 Degree Angle Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.24 4.39 4.39	5.85
26 05 33 13-2530	EA		1-1/4" Liquid Tight Non-Metallic 45 Degree Angle Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.20 4.70 4.70	6.27
26 05 33 13-2531	EA		1-1/2" Liquid Tight Non-Metallic 45 Degree Angle Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.90 5.01 5.01	6.68
26 05 33 13-2532	EA		2" Liquid Tight Non-Metallic 45 Degree Angle Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	64.43 5.64 5.64	7.52
26 05 33 13-2533			Blue ENT Electrical Non-Metallic Tubing <small>(26 05 33 13-2532)</small> Note: Carlon - FLEX-PLUS.		
26 05 33 13-2534			Blue ENT Electrical Non-Metallic Tubing <small>(26 05 33 13-2533)</small>		
26 05 33 13-2535	LF		1/2" Blue ENT Electrical Non-Metallic Tubing <i>For Work In Restricted Working Space, Add</i>	4.73 1.03	1.37
26 05 33 13-2536	LF		3/4" Blue ENT Electrical Non-Metallic Tubing <i>For Work In Restricted Working Space, Add</i>	6.38 1.37	1.82
26 05 33 13-2537	LF		1" Blue ENT Electrical Non-Metallic Tubing <i>For Work In Restricted Working Space, Add</i>	7.49 1.37	1.82
26 05 33 13-2538 Terminal Adapter <small>(26 05 33 13-2533)</small>					
26 05 33 13-2539	EA		1/2" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.27 2.74 2.74	3.66
26 05 33 13-2540	EA		3/4" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.17 3.08 3.08	4.11

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-2541	EA		1" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing.....	16.44	4.57
			<i>For Work In Restricted Working Space, Add</i>	3.43	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.43	
26 05 33 13-2542			Coupling <small>(26 05 33 13-2533)</small>		
26 05 33 13-2543	EA		1/2" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing.....	10.99	3.66
			<i>For Work In Restricted Working Space, Add</i>	2.74	
26 05 33 13-2544	EA		3/4" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing.....	12.69	4.11
			<i>For Work In Restricted Working Space, Add</i>	3.08	
26 05 33 13-2545	EA		1" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing.....	15.05	4.57
			<i>For Work In Restricted Working Space, Add</i>	3.43	
26 05 33 13-2546			Metallic Conduit Bodies <small>(26 05 33 13-0057)</small>		
26 05 33 13-2547			Threaded, Cast Aluminum Conduit Body <small>(26 05 33 13-2546)</small>		
			Note: For use with Rigid Galvanized Steel (RGS), Galvanized Rigid Steel Conduit (GRC), Intermediate Metal Conduit (IMC), or Aluminum Rigid Conduit (ARC)		
26 05 33 13-2548			Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover <small>(26 05 33 13-2547)</small>		
26 05 33 13-2549	EA		1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	59.66	20.04
			<i>For Work In Restricted Working Space, Add</i>	15.03	
			<i>For Elevated Installation >10' To 15', Add</i>	5.01	
			<i>For Elevated Installation >15' To 20', Add</i>	10.02	
			<i>For Elevated Installation >20' To 25', Add</i>	12.53	
			<i>For Elevated Installation >25' To 30', Add</i>	17.54	
			<i>For Elevated Installation >30' To 35', Add</i>	20.04	
			<i>For Elevated Installation >35' To 40', Add</i>	25.06	
			<i>For Elevated Installation >40', Add</i>	27.56	
			<i>For Mogul LB, Add</i>	4.66	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.03	
26 05 33 13-2550	EA		3/4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	70.38	22.96
			<i>For Work In Restricted Working Space, Add</i>	17.22	
			<i>For Elevated Installation >10' To 15', Add</i>	5.74	
			<i>For Elevated Installation >15' To 20', Add</i>	11.48	
			<i>For Elevated Installation >20' To 25', Add</i>	14.35	
			<i>For Elevated Installation >25' To 30', Add</i>	20.09	
			<i>For Elevated Installation >30' To 35', Add</i>	22.96	
			<i>For Elevated Installation >35' To 40', Add</i>	28.71	
			<i>For Elevated Installation >40', Add</i>	31.58	
			<i>For Mogul LB, Add</i>	6.86	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.22	
26 05 33 13-2551	EA		1" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	85.27	26.72
			<i>For Work In Restricted Working Space, Add</i>	20.04	
			<i>For Elevated Installation >10' To 15', Add</i>	6.68	
			<i>For Elevated Installation >15' To 20', Add</i>	13.36	
			<i>For Elevated Installation >20' To 25', Add</i>	16.70	
			<i>For Elevated Installation >25' To 30', Add</i>	23.38	
			<i>For Elevated Installation >30' To 35', Add</i>	26.72	
			<i>For Elevated Installation >35' To 40', Add</i>	33.41	
			<i>For Elevated Installation >40', Add</i>	36.75	
			<i>For Mogul LB, Add</i>	10.50	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.04	
26 05 33 13-2552	EA		1-1/4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	103.77	30.48
			<i>For Work In Restricted Working Space, Add</i>	22.86	
			<i>For Elevated Installation >10' To 15', Add</i>	7.62	
			<i>For Elevated Installation >15' To 20', Add</i>	15.24	
			<i>For Elevated Installation >20' To 25', Add</i>	19.05	
			<i>For Elevated Installation >25' To 30', Add</i>	26.67	
			<i>For Elevated Installation >30' To 35', Add</i>	30.48	
			<i>For Elevated Installation >35' To 40', Add</i>	38.11	
			<i>For Elevated Installation >40', Add</i>	41.92	
			<i>For Mogul LB, Add</i>	16.86	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.86	
26 05 33 13-2553	EA		1-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	119.07	33.40
			<i>For Work In Restricted Working Space, Add</i>	25.05	
			<i>For Elevated Installation >10' To 15', Add</i>	8.35	
			<i>For Elevated Installation >15' To 20', Add</i>	16.70	
			<i>For Elevated Installation >20' To 25', Add</i>	20.88	
			<i>For Elevated Installation >25' To 30', Add</i>	29.23	
			<i>For Elevated Installation >30' To 35', Add</i>	33.40	
			<i>For Elevated Installation >35' To 40', Add</i>	41.76	
			<i>For Elevated Installation >40', Add</i>	45.93	
			<i>For Mogul LB, Add</i>	22.49	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.05	
26 05 33 13-2554	EA		2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	157.65	40.09
			<i>For Work In Restricted Working Space, Add</i>	30.06	
			<i>For Elevated Installation >10' To 15', Add</i>	10.02	
			<i>For Elevated Installation >15' To 20', Add</i>	20.04	
			<i>For Elevated Installation >20' To 25', Add</i>	25.05	
			<i>For Elevated Installation >25' To 30', Add</i>	35.07	
			<i>For Elevated Installation >30' To 35', Add</i>	40.08	
			<i>For Elevated Installation >35' To 40', Add</i>	50.11	
			<i>For Elevated Installation >40', Add</i>	55.12	
			<i>For Mogul LB, Add</i>	38.07	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.06	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-2555	EA	2-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	268.05	56.37
		<i>For Work In Restricted Working Space, Add</i>	42.28	
		<i>For Elevated Installation >10' To 15', Add</i>	14.09	
		<i>For Elevated Installation >15' To 20', Add</i>	28.19	
		<i>For Elevated Installation >20' To 25', Add</i>	35.23	
		<i>For Elevated Installation >25' To 30', Add</i>	49.33	
		<i>For Elevated Installation >30' To 35', Add</i>	56.37	
		<i>For Elevated Installation >35' To 40', Add</i>	70.47	
		<i>For Elevated Installation >40', Add</i>	77.51	
		<i>For Mogul LB, Add</i>	88.29	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.28	
26 05 33 13-2556	EA	3" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	352.03	75.16
		<i>For Work In Restricted Working Space, Add</i>	56.37	
		<i>For Elevated Installation >10' To 15', Add</i>	18.79	
		<i>For Elevated Installation >15' To 20', Add</i>	37.58	
		<i>For Elevated Installation >20' To 25', Add</i>	46.98	
		<i>For Elevated Installation >25' To 30', Add</i>	65.77	
		<i>For Elevated Installation >30' To 35', Add</i>	75.16	
		<i>For Elevated Installation >35' To 40', Add</i>	93.95	
		<i>For Elevated Installation >40', Add</i>	103.35	
		<i>For Mogul LB, Add</i>	113.70	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.37	
26 05 33 13-2557	EA	3-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	469.61	93.95
		<i>For Work In Restricted Working Space, Add</i>	70.46	
		<i>For Elevated Installation >10' To 15', Add</i>	23.49	
		<i>For Elevated Installation >15' To 20', Add</i>	46.97	
		<i>For Elevated Installation >20' To 25', Add</i>	58.72	
		<i>For Elevated Installation >25' To 30', Add</i>	82.20	
		<i>For Elevated Installation >30' To 35', Add</i>	93.95	
		<i>For Elevated Installation >35' To 40', Add</i>	117.44	
		<i>For Elevated Installation >40', Add</i>	129.18	
		<i>For Mogul LB, Add</i>	164.31	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	70.46	
26 05 33 13-2558	EA	4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	612.21	114.41
		<i>For Work In Restricted Working Space, Add</i>	85.81	
		<i>For Elevated Installation >10' To 15', Add</i>	28.60	
		<i>For Elevated Installation >15' To 20', Add</i>	57.20	
		<i>For Elevated Installation >20' To 25', Add</i>	71.51	
		<i>For Elevated Installation >25' To 30', Add</i>	100.11	
		<i>For Elevated Installation >30' To 35', Add</i>	114.41	
		<i>For Elevated Installation >35' To 40', Add</i>	143.01	
		<i>For Elevated Installation >40', Add</i>	157.31	
		<i>For Mogul LB, Add</i>	230.34	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	85.81	

26 05 33 13-2559 Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover

(26 05 33 13-2547)

26 05 33 13-2560	EA	1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	60.82	20.04
		<i>For Work In Restricted Working Space, Add</i>	15.03	
		<i>For Elevated Installation >10' To 15', Add</i>	5.01	
		<i>For Elevated Installation >15' To 20', Add</i>	10.02	
		<i>For Elevated Installation >20' To 25', Add</i>	12.53	
		<i>For Elevated Installation >25' To 30', Add</i>	17.54	
		<i>For Elevated Installation >30' To 35', Add</i>	20.04	
		<i>For Elevated Installation >35' To 40', Add</i>	25.06	
		<i>For Elevated Installation >40', Add</i>	27.56	
		<i>For Mogul LB, Add</i>	5.53	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.03	
26 05 33 13-2561	EA	3/4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	71.51	22.96
		<i>For Work In Restricted Working Space, Add</i>	17.22	
		<i>For Elevated Installation >10' To 15', Add</i>	5.74	
		<i>For Elevated Installation >15' To 20', Add</i>	11.48	
		<i>For Elevated Installation >20' To 25', Add</i>	14.35	
		<i>For Elevated Installation >25' To 30', Add</i>	20.09	
		<i>For Elevated Installation >30' To 35', Add</i>	22.96	
		<i>For Elevated Installation >35' To 40', Add</i>	28.71	
		<i>For Elevated Installation >40', Add</i>	31.58	
		<i>For Mogul LB, Add</i>	7.70	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.22	
26 05 33 13-2562	EA	1" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	87.55	26.72
		<i>For Work In Restricted Working Space, Add</i>	20.04	
		<i>For Elevated Installation >10' To 15', Add</i>	6.68	
		<i>For Elevated Installation >15' To 20', Add</i>	13.36	
		<i>For Elevated Installation >20' To 25', Add</i>	16.70	
		<i>For Elevated Installation >25' To 30', Add</i>	23.38	
		<i>For Elevated Installation >30' To 35', Add</i>	26.72	
		<i>For Elevated Installation >35' To 40', Add</i>	33.41	
		<i>For Elevated Installation >40', Add</i>	36.75	
		<i>For Mogul LB, Add</i>	12.21	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.04	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2563	EA			1-1/4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	106.55	30.48
				<i>For Work In Restricted Working Space, Add</i>	22.86	
				<i>For Elevated Installation >10' To 15', Add</i>	7.62	
				<i>For Elevated Installation >15' To 20', Add</i>	15.24	
				<i>For Elevated Installation >20' To 25', Add</i>	19.05	
				<i>For Elevated Installation >25' To 30', Add</i>	26.67	
				<i>For Elevated Installation >30' To 35', Add</i>	30.48	
				<i>For Elevated Installation >35' To 40', Add</i>	38.11	
				<i>For Elevated Installation >40', Add</i>	41.92	
				<i>For Mogul LB, Add</i>	18.94	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.86	
26 05 33 13-2564	EA			1-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	123.80	33.40
				<i>For Work In Restricted Working Space, Add</i>	25.05	
				<i>For Elevated Installation >10' To 15', Add</i>	8.35	
				<i>For Elevated Installation >15' To 20', Add</i>	16.70	
				<i>For Elevated Installation >20' To 25', Add</i>	20.88	
				<i>For Elevated Installation >25' To 30', Add</i>	29.23	
				<i>For Elevated Installation >30' To 35', Add</i>	33.40	
				<i>For Elevated Installation >35' To 40', Add</i>	41.76	
				<i>For Elevated Installation >40', Add</i>	45.93	
				<i>For Mogul LB, Add</i>	26.04	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.05	
26 05 33 13-2565	EA			2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	167.80	40.09
				<i>For Work In Restricted Working Space, Add</i>	30.06	
				<i>For Elevated Installation >10' To 15', Add</i>	10.02	
				<i>For Elevated Installation >15' To 20', Add</i>	20.04	
				<i>For Elevated Installation >20' To 25', Add</i>	25.05	
				<i>For Elevated Installation >25' To 30', Add</i>	35.07	
				<i>For Elevated Installation >30' To 35', Add</i>	40.08	
				<i>For Elevated Installation >35' To 40', Add</i>	50.11	
				<i>For Elevated Installation >40', Add</i>	55.12	
				<i>For Mogul LB, Add</i>	45.68	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.06	
26 05 33 13-2566	EA			2-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	262.93	56.37
				<i>For Work In Restricted Working Space, Add</i>	42.28	
				<i>For Elevated Installation >10' To 15', Add</i>	14.09	
				<i>For Elevated Installation >15' To 20', Add</i>	28.19	
				<i>For Elevated Installation >20' To 25', Add</i>	35.23	
				<i>For Elevated Installation >25' To 30', Add</i>	49.33	
				<i>For Elevated Installation >30' To 35', Add</i>	56.37	
				<i>For Elevated Installation >35' To 40', Add</i>	70.47	
				<i>For Elevated Installation >40', Add</i>	77.51	
				<i>For Mogul LB, Add</i>	84.45	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.28	
26 05 33 13-2567	EA			3" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	334.81	75.16
				<i>For Work In Restricted Working Space, Add</i>	56.37	
				<i>For Elevated Installation >10' To 15', Add</i>	18.79	
				<i>For Elevated Installation >15' To 20', Add</i>	37.58	
				<i>For Elevated Installation >20' To 25', Add</i>	46.98	
				<i>For Elevated Installation >25' To 30', Add</i>	65.77	
				<i>For Elevated Installation >30' To 35', Add</i>	75.16	
				<i>For Elevated Installation >35' To 40', Add</i>	93.95	
				<i>For Elevated Installation >40', Add</i>	103.35	
				<i>For Mogul LB, Add</i>	100.79	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.37	
26 05 33 13-2568	EA			3-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	484.30	93.95
				<i>For Work In Restricted Working Space, Add</i>	70.46	
				<i>For Elevated Installation >10' To 15', Add</i>	23.49	
				<i>For Elevated Installation >15' To 20', Add</i>	46.97	
				<i>For Elevated Installation >20' To 25', Add</i>	58.72	
				<i>For Elevated Installation >25' To 30', Add</i>	82.20	
				<i>For Elevated Installation >30' To 35', Add</i>	93.95	
				<i>For Elevated Installation >35' To 40', Add</i>	117.44	
				<i>For Elevated Installation >40', Add</i>	129.18	
				<i>For Mogul LB, Add</i>	175.33	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	70.46	
26 05 33 13-2569	EA			4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	642.23	114.41
				<i>For Work In Restricted Working Space, Add</i>	85.81	
				<i>For Elevated Installation >10' To 15', Add</i>	28.60	
				<i>For Elevated Installation >15' To 20', Add</i>	57.20	
				<i>For Elevated Installation >20' To 25', Add</i>	71.51	
				<i>For Elevated Installation >25' To 30', Add</i>	100.11	
				<i>For Elevated Installation >30' To 35', Add</i>	114.41	
				<i>For Elevated Installation >35' To 40', Add</i>	143.01	
				<i>For Elevated Installation >40', Add</i>	157.31	
				<i>For Mogul LB, Add</i>	252.86	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	85.81	
26 05 33 13-2570				Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover ^(26 05 33 13-2547)		
26 05 33 13-2571	EA			1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	70.07	22.96
				<i>For Work In Restricted Working Space, Add</i>	17.22	
				<i>For Elevated Installation >10' To 15', Add</i>	5.74	
				<i>For Elevated Installation >15' To 20', Add</i>	11.48	
				<i>For Elevated Installation >20' To 25', Add</i>	14.35	
				<i>For Elevated Installation >25' To 30', Add</i>	20.09	
				<i>For Elevated Installation >30' To 35', Add</i>	22.96	
				<i>For Elevated Installation >35' To 40', Add</i>	28.71	
				<i>For Elevated Installation >40', Add</i>	31.58	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.22	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-2572	EA	3/4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	83.11	26.72
			<i>For Work In Restricted Working Space, Add</i>	20.04	
			<i>For Elevated Installation >10' To 15', Add</i>	6.68	
			<i>For Elevated Installation >15' To 20', Add</i>	13.36	
			<i>For Elevated Installation >20' To 25', Add</i>	16.70	
			<i>For Elevated Installation >25' To 30', Add</i>	23.38	
			<i>For Elevated Installation >30' To 35', Add</i>	26.72	
			<i>For Elevated Installation >35' To 40', Add</i>	33.41	
			<i>For Elevated Installation >40', Add</i>	36.75	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.04	
26 05 33	13-2573	EA	1" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	96.15	29.23
			<i>For Work In Restricted Working Space, Add</i>	21.92	
			<i>For Elevated Installation >10' To 15', Add</i>	7.31	
			<i>For Elevated Installation >15' To 20', Add</i>	14.62	
			<i>For Elevated Installation >20' To 25', Add</i>	18.27	
			<i>For Elevated Installation >25' To 30', Add</i>	25.58	
			<i>For Elevated Installation >30' To 35', Add</i>	29.23	
			<i>For Elevated Installation >35' To 40', Add</i>	36.54	
			<i>For Elevated Installation >40', Add</i>	40.19	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.92	
26 05 33	13-2574	EA	1-1/4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	118.48	33.40
			<i>For Work In Restricted Working Space, Add</i>	25.05	
			<i>For Elevated Installation >10' To 15', Add</i>	8.35	
			<i>For Elevated Installation >15' To 20', Add</i>	16.70	
			<i>For Elevated Installation >20' To 25', Add</i>	20.88	
			<i>For Elevated Installation >25' To 30', Add</i>	29.23	
			<i>For Elevated Installation >30' To 35', Add</i>	33.40	
			<i>For Elevated Installation >35' To 40', Add</i>	41.76	
			<i>For Elevated Installation >40', Add</i>	45.93	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.05	
26 05 33	13-2575	EA	1-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	137.30	36.75
			<i>For Work In Restricted Working Space, Add</i>	27.56	
			<i>For Elevated Installation >10' To 15', Add</i>	9.19	
			<i>For Elevated Installation >15' To 20', Add</i>	18.37	
			<i>For Elevated Installation >20' To 25', Add</i>	22.97	
			<i>For Elevated Installation >25' To 30', Add</i>	32.15	
			<i>For Elevated Installation >30' To 35', Add</i>	36.74	
			<i>For Elevated Installation >35' To 40', Add</i>	45.93	
			<i>For Elevated Installation >40', Add</i>	50.52	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.56	
26 05 33	13-2576	EA	2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	185.24	43.01
			<i>For Work In Restricted Working Space, Add</i>	32.26	
			<i>For Elevated Installation >10' To 15', Add</i>	10.75	
			<i>For Elevated Installation >15' To 20', Add</i>	21.50	
			<i>For Elevated Installation >20' To 25', Add</i>	26.88	
			<i>For Elevated Installation >25' To 30', Add</i>	37.63	
			<i>For Elevated Installation >30' To 35', Add</i>	43.01	
			<i>For Elevated Installation >35' To 40', Add</i>	53.76	
			<i>For Elevated Installation >40', Add</i>	59.14	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.26	
26 05 33	13-2577	EA	2-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	293.91	62.63
			<i>For Work In Restricted Working Space, Add</i>	46.97	
			<i>For Elevated Installation >10' To 15', Add</i>	15.66	
			<i>For Elevated Installation >15' To 20', Add</i>	31.32	
			<i>For Elevated Installation >20' To 25', Add</i>	39.15	
			<i>For Elevated Installation >25' To 30', Add</i>	54.80	
			<i>For Elevated Installation >30' To 35', Add</i>	62.63	
			<i>For Elevated Installation >35' To 40', Add</i>	78.29	
			<i>For Elevated Installation >40', Add</i>	86.12	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	46.97	
26 05 33	13-2578	EA	3" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	379.61	81.42
			<i>For Work In Restricted Working Space, Add</i>	61.07	
			<i>For Elevated Installation >10' To 15', Add</i>	20.36	
			<i>For Elevated Installation >15' To 20', Add</i>	40.71	
			<i>For Elevated Installation >20' To 25', Add</i>	50.89	
			<i>For Elevated Installation >25' To 30', Add</i>	71.25	
			<i>For Elevated Installation >30' To 35', Add</i>	81.42	
			<i>For Elevated Installation >35' To 40', Add</i>	101.78	
			<i>For Elevated Installation >40', Add</i>	111.96	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.07	
26 05 33	13-2579	EA	3-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	616.17	100.21
			<i>For Work In Restricted Working Space, Add</i>	75.16	
			<i>For Elevated Installation >10' To 15', Add</i>	25.05	
			<i>For Elevated Installation >15' To 20', Add</i>	50.11	
			<i>For Elevated Installation >20' To 25', Add</i>	62.63	
			<i>For Elevated Installation >25' To 30', Add</i>	87.69	
			<i>For Elevated Installation >30' To 35', Add</i>	100.21	
			<i>For Elevated Installation >35' To 40', Add</i>	125.27	
			<i>For Elevated Installation >40', Add</i>	137.79	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.16	
26 05 33	13-2580	EA	4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	704.27	120.68
			<i>For Work In Restricted Working Space, Add</i>	90.50	
			<i>For Elevated Installation >10' To 15', Add</i>	30.17	
			<i>For Elevated Installation >15' To 20', Add</i>	60.34	
			<i>For Elevated Installation >20' To 25', Add</i>	75.42	
			<i>For Elevated Installation >25' To 30', Add</i>	105.59	
			<i>For Elevated Installation >30' To 35', Add</i>	120.67	
			<i>For Elevated Installation >35' To 40', Add</i>	150.84	
			<i>For Elevated Installation >40', Add</i>	165.92	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	90.50	

	MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33	13-2581	Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover <small>(26 05 33 13-2581)</small>		
26 05 33	13-2582	EA 1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.06 15.03 5.01 10.02 12.53 17.54 20.04 25.06 27.56 15.03	20.04
26 05 33	13-2583	EA 3/4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	70.71 17.22 5.74 11.48 14.35 20.09 22.96 28.71 31.58 17.22	22.96
26 05 33	13-2584	EA 1" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	85.58 19.73 6.58 13.15 16.44 23.02 26.31 32.89 36.17 19.73	26.31
26 05 33	13-2585	EA 1-1/4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	105.45 22.86 7.62 15.24 19.05 26.67 30.48 38.11 41.92 22.86	30.48
26 05 33	13-2586	EA 1-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	118.30 25.05 8.35 16.70 20.88 29.23 33.40 41.76 45.93 25.05	33.40
26 05 33	13-2587	EA 2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	157.73 30.06 10.02 20.04 25.05 35.07 40.08 50.11 55.12 30.06	40.09
26 05 33	13-2588	EA 2-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	258.61 42.28 14.09 28.19 35.23 49.33 56.37 70.47 77.51 42.28	56.37
26 05 33	13-2589	EA 3" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	332.05 56.37 18.79 37.58 46.98 65.77 75.16 93.95 103.35 56.37	75.16
26 05 33	13-2590	EA 3-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	475.47 70.46 23.49 46.97 58.72 82.20 93.95 117.44 129.18 70.46	93.95

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-2591	EA	4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	614.97	114.41
		<i>For Work In Restricted Working Space, Add</i>	85.81	
		<i>For Elevated Installation >10' To 15', Add</i>	28.60	
		<i>For Elevated Installation >15' To 20', Add</i>	57.20	
		<i>For Elevated Installation >20' To 25', Add</i>	71.51	
		<i>For Elevated Installation >25' To 30', Add</i>	100.11	
		<i>For Elevated Installation >30' To 35', Add</i>	114.41	
		<i>For Elevated Installation >35' To 40', Add</i>	143.01	
		<i>For Elevated Installation >40', Add</i>	157.31	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	85.81	

26 05 33 13-2592 Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover (26 05 33 13-2547)

26 05 33 13-2593	EA	1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	81.31	26.31
		<i>For Work In Restricted Working Space, Add</i>	19.73	
		<i>For Elevated Installation >10' To 15', Add</i>	6.58	
		<i>For Elevated Installation >15' To 20', Add</i>	13.15	
		<i>For Elevated Installation >20' To 25', Add</i>	16.44	
		<i>For Elevated Installation >25' To 30', Add</i>	23.02	
		<i>For Elevated Installation >30' To 35', Add</i>	26.31	
		<i>For Elevated Installation >35' To 40', Add</i>	32.89	
		<i>For Elevated Installation >40', Add</i>	36.17	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.73	
26 05 33 13-2594	EA	3/4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	94.10	29.23
		<i>For Work In Restricted Working Space, Add</i>	21.92	
		<i>For Elevated Installation >10' To 15', Add</i>	7.31	
		<i>For Elevated Installation >15' To 20', Add</i>	14.62	
		<i>For Elevated Installation >20' To 25', Add</i>	18.27	
		<i>For Elevated Installation >25' To 30', Add</i>	25.58	
		<i>For Elevated Installation >30' To 35', Add</i>	29.23	
		<i>For Elevated Installation >35' To 40', Add</i>	36.54	
		<i>For Elevated Installation >40', Add</i>	40.19	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.92	
26 05 33 13-2595	EA	1" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	115.94	32.16
		<i>For Work In Restricted Working Space, Add</i>	24.11	
		<i>For Elevated Installation >10' To 15', Add</i>	8.04	
		<i>For Elevated Installation >15' To 20', Add</i>	16.08	
		<i>For Elevated Installation >20' To 25', Add</i>	20.10	
		<i>For Elevated Installation >25' To 30', Add</i>	28.13	
		<i>For Elevated Installation >30' To 35', Add</i>	32.15	
		<i>For Elevated Installation >35' To 40', Add</i>	40.19	
		<i>For Elevated Installation >40', Add</i>	44.21	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24.11	
26 05 33 13-2596	EA	1-1/4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	133.73	36.75
		<i>For Work In Restricted Working Space, Add</i>	27.56	
		<i>For Elevated Installation >10' To 15', Add</i>	9.19	
		<i>For Elevated Installation >15' To 20', Add</i>	18.37	
		<i>For Elevated Installation >20' To 25', Add</i>	22.97	
		<i>For Elevated Installation >25' To 30', Add</i>	32.15	
		<i>For Elevated Installation >30' To 35', Add</i>	36.74	
		<i>For Elevated Installation >35' To 40', Add</i>	45.93	
		<i>For Elevated Installation >40', Add</i>	50.52	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.56	
26 05 33 13-2597	EA	1-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	173.55	40.09
		<i>For Work In Restricted Working Space, Add</i>	30.06	
		<i>For Elevated Installation >10' To 15', Add</i>	10.02	
		<i>For Elevated Installation >15' To 20', Add</i>	20.04	
		<i>For Elevated Installation >20' To 25', Add</i>	25.05	
		<i>For Elevated Installation >25' To 30', Add</i>	35.07	
		<i>For Elevated Installation >30' To 35', Add</i>	40.08	
		<i>For Elevated Installation >35' To 40', Add</i>	50.11	
		<i>For Elevated Installation >40', Add</i>	55.12	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.06	
26 05 33 13-2598	EA	2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	209.66	49.27
		<i>For Work In Restricted Working Space, Add</i>	36.95	
		<i>For Elevated Installation >10' To 15', Add</i>	12.32	
		<i>For Elevated Installation >15' To 20', Add</i>	24.64	
		<i>For Elevated Installation >20' To 25', Add</i>	30.80	
		<i>For Elevated Installation >25' To 30', Add</i>	43.11	
		<i>For Elevated Installation >30' To 35', Add</i>	49.27	
		<i>For Elevated Installation >35' To 40', Add</i>	61.59	
		<i>For Elevated Installation >40', Add</i>	67.75	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36.95	
26 05 33 13-2599	EA	2-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	395.17	72.23
		<i>For Work In Restricted Working Space, Add</i>	54.18	
		<i>For Elevated Installation >10' To 15', Add</i>	18.06	
		<i>For Elevated Installation >15' To 20', Add</i>	36.12	
		<i>For Elevated Installation >20' To 25', Add</i>	45.15	
		<i>For Elevated Installation >25' To 30', Add</i>	63.21	
		<i>For Elevated Installation >30' To 35', Add</i>	72.24	
		<i>For Elevated Installation >35' To 40', Add</i>	90.30	
		<i>For Elevated Installation >40', Add</i>	99.33	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	54.18	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-2600	EA 3" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	486.23	93.95
	For Work In Restricted Working Space, Add	70.46	
	For Elevated Installation >10' To 15', Add	23.49	
	For Elevated Installation >15' To 20', Add	46.97	
	For Elevated Installation >20' To 25', Add	58.72	
	For Elevated Installation >25' To 30', Add	82.20	
	For Elevated Installation >30' To 35', Add	93.95	
	For Elevated Installation >35' To 40', Add	117.44	
	For Elevated Installation >40', Add	129.18	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	70.46	
26 05 33 13-2601	EA 3-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	697.69	116.08
	For Work In Restricted Working Space, Add	87.69	
	For Elevated Installation >10' To 15', Add	29.23	
	For Elevated Installation >15' To 20', Add	58.46	
	For Elevated Installation >20' To 25', Add	73.07	
	For Elevated Installation >25' To 30', Add	102.30	
	For Elevated Installation >30' To 35', Add	116.92	
	For Elevated Installation >35' To 40', Add	146.15	
	For Elevated Installation >40', Add	160.76	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	87.69	
26 05 33 13-2602	EA 4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	843.22	139.47
	For Work In Restricted Working Space, Add	104.60	
	For Elevated Installation >10' To 15', Add	34.87	
	For Elevated Installation >15' To 20', Add	69.73	
	For Elevated Installation >20' To 25', Add	87.17	
	For Elevated Installation >25' To 30', Add	122.03	
	For Elevated Installation >30' To 35', Add	139.46	
	For Elevated Installation >35' To 40', Add	174.33	
	For Elevated Installation >40', Add	191.76	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	104.60	
26 05 33 13-2603	Threaded, Malleable Iron Conduit Body <small>(26 05 33 13-2546)</small> Note: For use with Rigid Galvanized Steel (RGS), Galvanized Rigid Steel Conduit (GRC), or Intermediate Metal Conduit (IMC)		
26 05 33 13-2604	Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover <small>(26 05 33 13-2603)</small>		
26 05 33 13-2605	EA 1-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	62.91	20.04
	For Elevated Installation >10' To 15', Add	5.01	
	For Elevated Installation >15' To 20', Add	10.02	
	For Elevated Installation >20' To 25', Add	12.53	
	For Elevated Installation >25' To 30', Add	17.54	
	For Elevated Installation >30' To 35', Add	20.04	
	For Elevated Installation >35' To 40', Add	25.06	
	For Elevated Installation >40', Add	27.56	
	For Work In Restricted Working Space, Add	15.03	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.03	
26 05 33 13-2606	EA 3/4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	73.10	22.96
	For Elevated Installation >10' To 15', Add	5.74	
	For Elevated Installation >15' To 20', Add	11.48	
	For Elevated Installation >20' To 25', Add	14.35	
	For Elevated Installation >25' To 30', Add	20.09	
	For Elevated Installation >30' To 35', Add	22.96	
	For Elevated Installation >35' To 40', Add	28.71	
	For Elevated Installation >40', Add	31.58	
	For Work In Restricted Working Space, Add	17.22	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.22	
26 05 33 13-2607	EA 1" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	90.19	26.72
	For Elevated Installation >10' To 15', Add	6.68	
	For Elevated Installation >15' To 20', Add	13.36	
	For Elevated Installation >20' To 25', Add	16.70	
	For Elevated Installation >25' To 30', Add	23.38	
	For Elevated Installation >30' To 35', Add	26.72	
	For Elevated Installation >35' To 40', Add	33.41	
	For Elevated Installation >40', Add	36.75	
	For Work In Restricted Working Space, Add	20.04	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.04	
26 05 33 13-2608	EA 1-1/4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	118.16	30.48
	For Elevated Installation >10' To 15', Add	7.62	
	For Elevated Installation >15' To 20', Add	15.24	
	For Elevated Installation >20' To 25', Add	19.05	
	For Elevated Installation >25' To 30', Add	26.67	
	For Elevated Installation >30' To 35', Add	30.48	
	For Elevated Installation >35' To 40', Add	38.11	
	For Elevated Installation >40', Add	41.92	
	For Work In Restricted Working Space, Add	22.86	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	22.86	
26 05 33 13-2609	EA 1-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	134.97	33.40
	For Elevated Installation >10' To 15', Add	8.35	
	For Elevated Installation >15' To 20', Add	16.70	
	For Elevated Installation >20' To 25', Add	20.88	
	For Elevated Installation >25' To 30', Add	29.23	
	For Elevated Installation >30' To 35', Add	33.40	
	For Elevated Installation >35' To 40', Add	41.76	
	For Elevated Installation >40', Add	45.93	
	For Work In Restricted Working Space, Add	25.05	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.05	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-2610	EA	2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	186.34	40.09
		<i>For Elevated Installation >10' To 15', Add</i>	10.02	
		<i>For Elevated Installation >15' To 20', Add</i>	20.04	
		<i>For Elevated Installation >20' To 25', Add</i>	25.06	
		<i>For Elevated Installation >25' To 30', Add</i>	35.08	
		<i>For Elevated Installation >30' To 35', Add</i>	40.09	
		<i>For Elevated Installation >35' To 40', Add</i>	50.11	
		<i>For Elevated Installation >40', Add</i>	55.12	
		<i>For Work In Restricted Working Space, Add</i>	30.07	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.07	
26 05 33 13-2611	EA	2-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	317.21	56.37
		<i>For Elevated Installation >10' To 15', Add</i>	14.09	
		<i>For Elevated Installation >15' To 20', Add</i>	28.19	
		<i>For Elevated Installation >20' To 25', Add</i>	35.23	
		<i>For Elevated Installation >25' To 30', Add</i>	49.33	
		<i>For Elevated Installation >30' To 35', Add</i>	56.37	
		<i>For Elevated Installation >35' To 40', Add</i>	70.47	
		<i>For Elevated Installation >40', Add</i>	77.51	
		<i>For Work In Restricted Working Space, Add</i>	42.28	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.28	
26 05 33 13-2612	EA	3" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	450.88	75.16
		<i>For Elevated Installation >10' To 15', Add</i>	18.79	
		<i>For Elevated Installation >15' To 20', Add</i>	37.58	
		<i>For Elevated Installation >20' To 25', Add</i>	46.98	
		<i>For Elevated Installation >25' To 30', Add</i>	65.77	
		<i>For Elevated Installation >30' To 35', Add</i>	75.16	
		<i>For Elevated Installation >35' To 40', Add</i>	93.96	
		<i>For Elevated Installation >40', Add</i>	103.35	
		<i>For Work In Restricted Working Space, Add</i>	56.37	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.37	
26 05 33 13-2613	EA	3-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	624.19	93.95
		<i>For Elevated Installation >10' To 15', Add</i>	23.49	
		<i>For Elevated Installation >15' To 20', Add</i>	46.97	
		<i>For Elevated Installation >20' To 25', Add</i>	58.72	
		<i>For Elevated Installation >25' To 30', Add</i>	82.20	
		<i>For Elevated Installation >30' To 35', Add</i>	93.95	
		<i>For Elevated Installation >35' To 40', Add</i>	117.44	
		<i>For Elevated Installation >40', Add</i>	129.18	
		<i>For Work In Restricted Working Space, Add</i>	70.46	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	70.46	
26 05 33 13-2614	EA	4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	746.40	114.41
		<i>For Elevated Installation >10' To 15', Add</i>	28.60	
		<i>For Elevated Installation >15' To 20', Add</i>	57.21	
		<i>For Elevated Installation >20' To 25', Add</i>	71.51	
		<i>For Elevated Installation >25' To 30', Add</i>	100.11	
		<i>For Elevated Installation >30' To 35', Add</i>	114.41	
		<i>For Elevated Installation >35' To 40', Add</i>	143.02	
		<i>For Elevated Installation >40', Add</i>	157.32	
		<i>For Work In Restricted Working Space, Add</i>	85.81	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	85.81	

26 05 33 13-2615 Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover

(26 05 33 13-2603)

26 05 33 13-2616	EA	1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	65.87	20.04
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.03	
26 05 33 13-2617	EA	3/4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	73.97	22.96
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.22	
26 05 33 13-2618	EA	1" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	94.72	26.72
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.04	
26 05 33 13-2619	EA	1-1/4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	121.19	30.48
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.86	
26 05 33 13-2620	EA	1-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	138.68	33.40
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.05	
26 05 33 13-2621	EA	2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	178.73	40.09
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.07	
26 05 33 13-2622	EA	2-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	274.94	56.37
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.28	
26 05 33 13-2623	EA	3" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	374.88	75.16
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.37	
26 05 33 13-2624	EA	3-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	668.95	93.95
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	70.46	
26 05 33 13-2625	EA	4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	779.42	114.41
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	85.81	

26 05 33 13-2626 Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover

(26 05 33 13-2603)

26 05 33 13-2627	EA	1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	78.54	22.96
		<i>For Elevated Installation >10' To 15', Add</i>	5.74	
		<i>For Elevated Installation >15' To 20', Add</i>	11.48	
		<i>For Elevated Installation >20' To 25', Add</i>	14.35	
		<i>For Elevated Installation >25' To 30', Add</i>	20.09	
		<i>For Elevated Installation >30' To 35', Add</i>	22.96	
		<i>For Elevated Installation >35' To 40', Add</i>	28.71	
		<i>For Elevated Installation >40', Add</i>	31.58	
		<i>For Work In Restricted Working Space, Add</i>	17.22	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.22	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2628 EA 3/4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover.....	92.56	26.72
For Elevated Installation >10' To 15', Add	6.79	
For Elevated Installation >15' To 20', Add	13.57	
For Elevated Installation >20' To 25', Add	16.96	
For Elevated Installation >25' To 30', Add	23.75	
For Elevated Installation >30' To 35', Add	27.14	
For Elevated Installation >35' To 40', Add	33.93	
For Elevated Installation >40', Add	37.32	
For Work In Restricted Working Space, Add	20.36	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.36	
26 05 33 13-2629 EA 1" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover.....	110.45	29.23
For Elevated Installation >10' To 15', Add	7.31	
For Elevated Installation >15' To 20', Add	14.62	
For Elevated Installation >20' To 25', Add	18.27	
For Elevated Installation >25' To 30', Add	25.58	
For Elevated Installation >30' To 35', Add	29.23	
For Elevated Installation >35' To 40', Add	36.54	
For Elevated Installation >40', Add	40.19	
For Work In Restricted Working Space, Add	21.92	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.92	
26 05 33 13-2630 EA 1-1/4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	140.37	33.40
For Elevated Installation >10' To 15', Add	8.25	
For Elevated Installation >15' To 20', Add	16.49	
For Elevated Installation >20' To 25', Add	20.62	
For Elevated Installation >25' To 30', Add	28.86	
For Elevated Installation >30' To 35', Add	32.98	
For Elevated Installation >35' To 40', Add	41.23	
For Elevated Installation >40', Add	45.35	
For Work In Restricted Working Space, Add	24.74	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	24.74	
26 05 33 13-2631 EA 1-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	161.45	36.75
For Elevated Installation >10' To 15', Add	9.19	
For Elevated Installation >15' To 20', Add	18.37	
For Elevated Installation >20' To 25', Add	22.97	
For Elevated Installation >25' To 30', Add	32.15	
For Elevated Installation >30' To 35', Add	36.74	
For Elevated Installation >35' To 40', Add	45.93	
For Elevated Installation >40', Add	50.52	
For Work In Restricted Working Space, Add	27.56	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	27.56	
26 05 33 13-2632 EA 2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover.....	216.54	43.01
For Elevated Installation >10' To 15', Add	10.75	
For Elevated Installation >15' To 20', Add	21.50	
For Elevated Installation >20' To 25', Add	26.88	
For Elevated Installation >25' To 30', Add	37.63	
For Elevated Installation >30' To 35', Add	43.01	
For Elevated Installation >35' To 40', Add	53.76	
For Elevated Installation >40', Add	59.14	
For Work In Restricted Working Space, Add	32.26	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	32.26	
26 05 33 13-2633 EA 2-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	270.96	62.63
For Elevated Installation >10' To 15', Add	15.66	
For Elevated Installation >15' To 20', Add	31.32	
For Elevated Installation >20' To 25', Add	39.15	
For Elevated Installation >25' To 30', Add	54.80	
For Elevated Installation >30' To 35', Add	62.63	
For Elevated Installation >35' To 40', Add	78.29	
For Elevated Installation >40', Add	86.12	
For Work In Restricted Working Space, Add	46.97	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	46.97	
26 05 33 13-2634 EA 3" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover.....	393.62	81.42
For Elevated Installation >10' To 15', Add	20.36	
For Elevated Installation >15' To 20', Add	40.71	
For Elevated Installation >20' To 25', Add	50.89	
For Elevated Installation >25' To 30', Add	71.25	
For Elevated Installation >30' To 35', Add	81.42	
For Elevated Installation >35' To 40', Add	101.78	
For Elevated Installation >40', Add	111.96	
For Work In Restricted Working Space, Add	61.07	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	61.07	
26 05 33 13-2635 EA 3-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	705.28	100.21
For Elevated Installation >10' To 15', Add	25.05	
For Elevated Installation >15' To 20', Add	50.11	
For Elevated Installation >20' To 25', Add	62.63	
For Elevated Installation >25' To 30', Add	87.69	
For Elevated Installation >30' To 35', Add	100.21	
For Elevated Installation >35' To 40', Add	125.27	
For Elevated Installation >40', Add	137.79	
For Work In Restricted Working Space, Add	75.16	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	75.16	
26 05 33 13-2636 EA 4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover.....	813.98	120.68
For Elevated Installation >10' To 15', Add	30.27	
For Elevated Installation >15' To 20', Add	60.55	
For Elevated Installation >20' To 25', Add	75.68	
For Elevated Installation >25' To 30', Add	105.96	
For Elevated Installation >30' To 35', Add	121.09	
For Elevated Installation >35' To 40', Add	151.37	
For Elevated Installation >40', Add	166.50	
For Work In Restricted Working Space, Add	90.82	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	90.82	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-2637		Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover (26 05 33)		
26 05 33	13-2638	EA	1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	63.13	20.04
			<i>For Elevated Installation >10' To 15', Add</i>	5.01	
			<i>For Elevated Installation >15' To 20', Add</i>	10.02	
			<i>For Elevated Installation >20' To 25', Add</i>	12.53	
			<i>For Elevated Installation >25' To 30', Add</i>	17.54	
			<i>For Elevated Installation >30' To 35', Add</i>	20.04	
			<i>For Elevated Installation >35' To 40', Add</i>	25.06	
			<i>For Elevated Installation >40', Add</i>	27.56	
			<i>For Work In Restricted Working Space, Add</i>	15.03	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.03	
26 05 33	13-2639	EA	3/4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	76.93	22.96
			<i>For Elevated Installation >10' To 15', Add</i>	5.74	
			<i>For Elevated Installation >15' To 20', Add</i>	11.48	
			<i>For Elevated Installation >20' To 25', Add</i>	14.35	
			<i>For Elevated Installation >25' To 30', Add</i>	20.09	
			<i>For Elevated Installation >30' To 35', Add</i>	22.96	
			<i>For Elevated Installation >35' To 40', Add</i>	28.71	
			<i>For Elevated Installation >40', Add</i>	31.58	
			<i>For Work In Restricted Working Space, Add</i>	17.22	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.22	
26 05 33	13-2640	EA	1" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	90.22	26.31
			<i>For Elevated Installation >10' To 15', Add</i>	6.58	
			<i>For Elevated Installation >15' To 20', Add</i>	13.15	
			<i>For Elevated Installation >20' To 25', Add</i>	16.44	
			<i>For Elevated Installation >25' To 30', Add</i>	23.02	
			<i>For Elevated Installation >30' To 35', Add</i>	26.31	
			<i>For Elevated Installation >35' To 40', Add</i>	32.89	
			<i>For Elevated Installation >40', Add</i>	36.17	
			<i>For Work In Restricted Working Space, Add</i>	19.73	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.73	
26 05 33	13-2641	EA	1-1/4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	123.74	30.48
			<i>For Elevated Installation >10' To 15', Add</i>	7.62	
			<i>For Elevated Installation >15' To 20', Add</i>	15.24	
			<i>For Elevated Installation >20' To 25', Add</i>	19.05	
			<i>For Elevated Installation >25' To 30', Add</i>	26.67	
			<i>For Elevated Installation >30' To 35', Add</i>	30.48	
			<i>For Elevated Installation >35' To 40', Add</i>	38.11	
			<i>For Elevated Installation >40', Add</i>	41.92	
			<i>For Work In Restricted Working Space, Add</i>	22.86	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.86	
26 05 33	13-2642	EA	1-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	145.42	33.40
			<i>For Elevated Installation >10' To 15', Add</i>	8.35	
			<i>For Elevated Installation >15' To 20', Add</i>	16.70	
			<i>For Elevated Installation >20' To 25', Add</i>	20.88	
			<i>For Elevated Installation >25' To 30', Add</i>	29.23	
			<i>For Elevated Installation >30' To 35', Add</i>	33.40	
			<i>For Elevated Installation >35' To 40', Add</i>	41.75	
			<i>For Elevated Installation >40', Add</i>	45.93	
			<i>For Work In Restricted Working Space, Add</i>	25.05	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.05	
26 05 33	13-2643	EA	2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	189.32	40.09
			<i>For Elevated Installation >10' To 15', Add</i>	10.02	
			<i>For Elevated Installation >15' To 20', Add</i>	20.04	
			<i>For Elevated Installation >20' To 25', Add</i>	25.05	
			<i>For Elevated Installation >25' To 30', Add</i>	35.07	
			<i>For Elevated Installation >30' To 35', Add</i>	40.08	
			<i>For Elevated Installation >35' To 40', Add</i>	50.11	
			<i>For Elevated Installation >40', Add</i>	55.12	
			<i>For Work In Restricted Working Space, Add</i>	30.06	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.06	
26 05 33	13-2644	EA	2-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	417.40	105.74
			<i>For Elevated Installation >10' To 15', Add</i>	26.42	
			<i>For Elevated Installation >15' To 20', Add</i>	52.85	
			<i>For Elevated Installation >20' To 25', Add</i>	66.06	
			<i>For Elevated Installation >25' To 30', Add</i>	92.48	
			<i>For Elevated Installation >30' To 35', Add</i>	105.70	
			<i>For Elevated Installation >35' To 40', Add</i>	132.12	
			<i>For Elevated Installation >40', Add</i>	145.33	
			<i>For Work In Restricted Working Space, Add</i>	79.27	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	79.27	
26 05 33	13-2645	EA	3" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	406.80	75.16
			<i>For Elevated Installation >10' To 15', Add</i>	18.79	
			<i>For Elevated Installation >15' To 20', Add</i>	37.58	
			<i>For Elevated Installation >20' To 25', Add</i>	46.98	
			<i>For Elevated Installation >25' To 30', Add</i>	65.77	
			<i>For Elevated Installation >30' To 35', Add</i>	75.16	
			<i>For Elevated Installation >35' To 40', Add</i>	93.96	
			<i>For Elevated Installation >40', Add</i>	103.35	
			<i>For Work In Restricted Working Space, Add</i>	56.37	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.37	
26 05 33	13-2646	EA	3-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	668.95	93.95
			<i>For Elevated Installation >10' To 15', Add</i>	23.49	
			<i>For Elevated Installation >15' To 20', Add</i>	46.97	
			<i>For Elevated Installation >20' To 25', Add</i>	58.72	
			<i>For Elevated Installation >25' To 30', Add</i>	82.20	
			<i>For Elevated Installation >30' To 35', Add</i>	93.95	
			<i>For Elevated Installation >35' To 40', Add</i>	117.44	
			<i>For Elevated Installation >40', Add</i>	129.18	
			<i>For Work In Restricted Working Space, Add</i>	70.46	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	70.46	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2647 EA 4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	779.40	114.41
For Elevated Installation >10' To 15', Add	28.60	
For Elevated Installation >15' To 20', Add	57.20	
For Elevated Installation >20' To 25', Add	71.50	
For Elevated Installation >25' To 30', Add	100.10	
For Elevated Installation >30' To 35', Add	114.40	
For Elevated Installation >35' To 40', Add	143.01	
For Elevated Installation >40', Add	157.31	
For Work In Restricted Working Space, Add	85.80	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	85.80	
26 05 33 13-2648 Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover (26 05 33		
<small>13-2603)</small>		
26 05 33 13-2649 EA 1 1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	89.20	26.31
For Elevated Installation >10' To 15', Add	6.58	
For Elevated Installation >15' To 20', Add	13.15	
For Elevated Installation >20' To 25', Add	16.44	
For Elevated Installation >25' To 30', Add	23.02	
For Elevated Installation >30' To 35', Add	26.31	
For Elevated Installation >35' To 40', Add	32.89	
For Elevated Installation >40', Add	36.17	
For Work In Restricted Working Space, Add	19.73	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.73	
26 05 33 13-2650 EA 3/4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	97.38	29.23
For Elevated Installation >10' To 15', Add	7.31	
For Elevated Installation >15' To 20', Add	14.62	
For Elevated Installation >20' To 25', Add	18.27	
For Elevated Installation >25' To 30', Add	25.58	
For Elevated Installation >30' To 35', Add	29.23	
For Elevated Installation >35' To 40', Add	36.54	
For Elevated Installation >40', Add	40.19	
For Work In Restricted Working Space, Add	21.92	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.92	
26 05 33 13-2651 EA 1" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	113.73	32.16
For Elevated Installation >10' To 15', Add	8.04	
For Elevated Installation >15' To 20', Add	16.08	
For Elevated Installation >20' To 25', Add	20.10	
For Elevated Installation >25' To 30', Add	28.13	
For Elevated Installation >30' To 35', Add	32.15	
For Elevated Installation >35' To 40', Add	40.19	
For Elevated Installation >40', Add	44.21	
For Work In Restricted Working Space, Add	24.11	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	24.11	
26 05 33 13-2652 EA 1-1/4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	135.89	36.75
For Elevated Installation >10' To 15', Add	9.19	
For Elevated Installation >15' To 20', Add	18.37	
For Elevated Installation >20' To 25', Add	22.97	
For Elevated Installation >25' To 30', Add	32.15	
For Elevated Installation >30' To 35', Add	36.74	
For Elevated Installation >35' To 40', Add	45.93	
For Elevated Installation >40', Add	50.52	
For Work In Restricted Working Space, Add	27.56	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	27.56	
26 05 33 13-2653 EA 1-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	157.66	40.09
For Elevated Installation >10' To 15', Add	10.02	
For Elevated Installation >15' To 20', Add	20.04	
For Elevated Installation >20' To 25', Add	25.05	
For Elevated Installation >25' To 30', Add	35.07	
For Elevated Installation >30' To 35', Add	40.08	
For Elevated Installation >35' To 40', Add	50.11	
For Elevated Installation >40', Add	55.12	
For Work In Restricted Working Space, Add	30.06	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	30.06	
26 05 33 13-2654 EA 2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	223.19	49.27
For Elevated Installation >10' To 15', Add	12.32	
For Elevated Installation >15' To 20', Add	24.64	
For Elevated Installation >20' To 25', Add	30.80	
For Elevated Installation >25' To 30', Add	43.11	
For Elevated Installation >30' To 35', Add	49.27	
For Elevated Installation >35' To 40', Add	61.59	
For Elevated Installation >40', Add	67.75	
For Work In Restricted Working Space, Add	36.95	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	36.95	
26 05 33 13-2655 EA 2-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	359.17	72.23
For Elevated Installation >10' To 15', Add	18.06	
For Elevated Installation >15' To 20', Add	36.12	
For Elevated Installation >20' To 25', Add	45.15	
For Elevated Installation >25' To 30', Add	63.21	
For Elevated Installation >30' To 35', Add	72.24	
For Elevated Installation >35' To 40', Add	90.30	
For Elevated Installation >40', Add	99.33	
For Work In Restricted Working Space, Add	54.18	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	54.18	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-2656	EA 3" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	531.60	93.95
	For Elevated Installation >10' To 15', Add	23.49	
	For Elevated Installation >15' To 20', Add	46.97	
	For Elevated Installation >20' To 25', Add	58.72	
	For Elevated Installation >25' To 30', Add	82.20	
	For Elevated Installation >30' To 35', Add	93.95	
	For Elevated Installation >35' To 40', Add	117.44	
	For Elevated Installation >40', Add	129.18	
	For Work In Restricted Working Space, Add	70.46	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	70.46	
26 05 33 13-2657	EA 3-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	803.33	116.08
	For Elevated Installation >10' To 15', Add	29.02	
	For Elevated Installation >15' To 20', Add	58.04	
	For Elevated Installation >20' To 25', Add	72.55	
	For Elevated Installation >25' To 30', Add	101.57	
	For Elevated Installation >30' To 35', Add	116.08	
	For Elevated Installation >35' To 40', Add	145.10	
	For Elevated Installation >40', Add	159.61	
	For Work In Restricted Working Space, Add	87.06	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	87.06	
26 05 33 13-2658	EA 4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	893.48	139.47
	For Elevated Installation >10' To 15', Add	34.87	
	For Elevated Installation >15' To 20', Add	69.73	
	For Elevated Installation >20' To 25', Add	87.17	
	For Elevated Installation >25' To 30', Add	122.03	
	For Elevated Installation >30' To 35', Add	139.46	
	For Elevated Installation >35' To 40', Add	174.33	
	For Elevated Installation >40', Add	191.76	
	For Work In Restricted Working Space, Add	104.60	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	104.60	
26 05 33 13-2659	Set Screw, Cast Aluminum Conduit Body <small>(26 05 33 13-2546)</small>		
	Note: For use with Electrical Metallic Tubing (EMT)		
26 05 33 13-2660	Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover <small>(26 05 33 13-2659)</small>		
26 05 33 13-2661	EA 1/2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	30.94	7.93
	For Work In Restricted Working Space, Add	5.95	
	For Elevated Installation >10' To 15', Add	1.98	
	For Elevated Installation >15' To 20', Add	3.97	
	For Elevated Installation >20' To 25', Add	4.96	
	For Elevated Installation >25' To 30', Add	6.94	
	For Elevated Installation >30' To 35', Add	7.93	
	For Elevated Installation >35' To 40', Add	9.92	
	For Elevated Installation >40', Add	10.91	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.95	
26 05 33 13-2662	EA 3/4" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	39.45	10.44
	For Work In Restricted Working Space, Add	7.83	
	For Elevated Installation >10' To 15', Add	2.61	
	For Elevated Installation >15' To 20', Add	5.22	
	For Elevated Installation >20' To 25', Add	6.53	
	For Elevated Installation >25' To 30', Add	9.14	
	For Elevated Installation >30' To 35', Add	10.44	
	For Elevated Installation >35' To 40', Add	13.05	
	For Elevated Installation >40', Add	14.36	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.83	
26 05 33 13-2663	EA 1" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	53.92	12.94
	For Work In Restricted Working Space, Add	9.71	
	For Elevated Installation >10' To 15', Add	3.24	
	For Elevated Installation >15' To 20', Add	6.47	
	For Elevated Installation >20' To 25', Add	8.09	
	For Elevated Installation >25' To 30', Add	11.33	
	For Elevated Installation >30' To 35', Add	12.94	
	For Elevated Installation >35' To 40', Add	16.18	
	For Elevated Installation >40', Add	17.80	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.71	
26 05 33 13-2664	EA 1-1/4" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	70.33	15.86
	For Work In Restricted Working Space, Add	11.90	
	For Elevated Installation >10' To 15', Add	3.97	
	For Elevated Installation >15' To 20', Add	7.93	
	For Elevated Installation >20' To 25', Add	9.92	
	For Elevated Installation >25' To 30', Add	13.88	
	For Elevated Installation >30' To 35', Add	15.87	
	For Elevated Installation >35' To 40', Add	19.84	
	For Elevated Installation >40', Add	21.82	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.90	
26 05 33 13-2665	EA 1-1/2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	93.63	18.37
	For Work In Restricted Working Space, Add	13.78	
	For Elevated Installation >10' To 15', Add	4.59	
	For Elevated Installation >15' To 20', Add	9.19	
	For Elevated Installation >20' To 25', Add	11.48	
	For Elevated Installation >25' To 30', Add	16.08	
	For Elevated Installation >30' To 35', Add	18.37	
	For Elevated Installation >35' To 40', Add	22.97	
	For Elevated Installation >40', Add	25.26	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.78	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-2666	EA			2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover 125.60		20.88	
				<i>For Work In Restricted Working Space, Add</i>	15.66		
				<i>For Elevated Installation >10' To 15', Add</i>	5.22		
				<i>For Elevated Installation >15' To 20', Add</i>	10.44		
				<i>For Elevated Installation >20' To 25', Add</i>	13.05		
				<i>For Elevated Installation >25' To 30', Add</i>	18.27		
				<i>For Elevated Installation >30' To 35', Add</i>	20.88		
				<i>For Elevated Installation >35' To 40', Add</i>	26.10		
				<i>For Elevated Installation >40', Add</i>	28.70		
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.66		
26 05 33 13-2667	Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover <small>(26 05 33 13-2659)</small>						
26 05 33 13-2668	EA			1/2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover 31.25		7.93	
				<i>For Work In Restricted Working Space, Add</i>	5.95		
				<i>For Elevated Installation >10' To 15', Add</i>	1.98		
				<i>For Elevated Installation >15' To 20', Add</i>	3.97		
				<i>For Elevated Installation >20' To 25', Add</i>	4.96		
				<i>For Elevated Installation >25' To 30', Add</i>	6.94		
				<i>For Elevated Installation >30' To 35', Add</i>	7.93		
				<i>For Elevated Installation >35' To 40', Add</i>	9.92		
				<i>For Elevated Installation >40', Add</i>	10.91		
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.95		
26 05 33 13-2669	EA			3/4" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover 40.63		10.44	
				<i>For Work In Restricted Working Space, Add</i>	7.83		
				<i>For Elevated Installation >10' To 15', Add</i>	2.61		
				<i>For Elevated Installation >15' To 20', Add</i>	5.22		
				<i>For Elevated Installation >20' To 25', Add</i>	6.53		
				<i>For Elevated Installation >25' To 30', Add</i>	9.14		
				<i>For Elevated Installation >30' To 35', Add</i>	10.44		
				<i>For Elevated Installation >35' To 40', Add</i>	13.05		
				<i>For Elevated Installation >40', Add</i>	14.36		
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.83		
26 05 33 13-2670	EA			1" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover 49.84		12.94	
				<i>For Work In Restricted Working Space, Add</i>	9.71		
				<i>For Elevated Installation >10' To 15', Add</i>	3.24		
				<i>For Elevated Installation >15' To 20', Add</i>	6.47		
				<i>For Elevated Installation >20' To 25', Add</i>	8.09		
				<i>For Elevated Installation >25' To 30', Add</i>	11.33		
				<i>For Elevated Installation >30' To 35', Add</i>	12.94		
				<i>For Elevated Installation >35' To 40', Add</i>	16.18		
				<i>For Elevated Installation >40', Add</i>	17.80		
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.71		
26 05 33 13-2671	EA			1-1/4" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover 69.99		15.86	
				<i>For Work In Restricted Working Space, Add</i>	11.90		
				<i>For Elevated Installation >10' To 15', Add</i>	3.97		
				<i>For Elevated Installation >15' To 20', Add</i>	7.93		
				<i>For Elevated Installation >20' To 25', Add</i>	9.92		
				<i>For Elevated Installation >25' To 30', Add</i>	13.88		
				<i>For Elevated Installation >30' To 35', Add</i>	15.87		
				<i>For Elevated Installation >35' To 40', Add</i>	19.84		
				<i>For Elevated Installation >40', Add</i>	21.82		
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.90		
26 05 33 13-2672	EA			1-1/2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover 86.85		18.37	
				<i>For Work In Restricted Working Space, Add</i>	13.78		
				<i>For Elevated Installation >10' To 15', Add</i>	4.59		
				<i>For Elevated Installation >15' To 20', Add</i>	9.19		
				<i>For Elevated Installation >20' To 25', Add</i>	11.48		
				<i>For Elevated Installation >25' To 30', Add</i>	16.08		
				<i>For Elevated Installation >30' To 35', Add</i>	18.37		
				<i>For Elevated Installation >35' To 40', Add</i>	22.97		
				<i>For Elevated Installation >40', Add</i>	25.26		
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.78		
26 05 33 13-2673	EA			2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover 125.01		20.88	
				<i>For Work In Restricted Working Space, Add</i>	15.66		
				<i>For Elevated Installation >10' To 15', Add</i>	5.22		
				<i>For Elevated Installation >15' To 20', Add</i>	10.44		
				<i>For Elevated Installation >20' To 25', Add</i>	13.05		
				<i>For Elevated Installation >25' To 30', Add</i>	18.27		
				<i>For Elevated Installation >30' To 35', Add</i>	20.88		
				<i>For Elevated Installation >35' To 40', Add</i>	26.10		
				<i>For Elevated Installation >40', Add</i>	28.70		
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.66		
26 05 33 13-2674	Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover <small>(26 05 33 13-2659)</small>						
26 05 33 13-2675	EA			1/2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover 40.09		10.44	
				<i>For Work In Restricted Working Space, Add</i>	7.83		
				<i>For Elevated Installation >10' To 15', Add</i>	2.61		
				<i>For Elevated Installation >15' To 20', Add</i>	5.22		
				<i>For Elevated Installation >20' To 25', Add</i>	6.53		
				<i>For Elevated Installation >25' To 30', Add</i>	9.14		
				<i>For Elevated Installation >30' To 35', Add</i>	10.44		
				<i>For Elevated Installation >35' To 40', Add</i>	13.05		
				<i>For Elevated Installation >40', Add</i>	14.36		
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.83		

26 Electrical

26 05 Common Work Results for Electrical

26 05 33 Raceway and Boxes for Electrical Systems



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-2676	EA 3/4" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover.....	52.52	12.94
	<i>For Work In Restricted Working Space, Add</i>	9.71	
	<i>For Elevated Installation >10' To 15', Add</i>	3.24	
	<i>For Elevated Installation >15' To 20', Add</i>	6.47	
	<i>For Elevated Installation >20' To 25', Add</i>	8.09	
	<i>For Elevated Installation >25' To 30', Add</i>	11.33	
	<i>For Elevated Installation >30' To 35', Add</i>	12.94	
	<i>For Elevated Installation >35' To 40', Add</i>	16.18	
	<i>For Elevated Installation >40', Add</i>	17.80	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.71	
26 05 33 13-2677	EA 1" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover.....	63.23	15.86
	<i>For Work In Restricted Working Space, Add</i>	11.90	
	<i>For Elevated Installation >10' To 15', Add</i>	3.97	
	<i>For Elevated Installation >15' To 20', Add</i>	7.93	
	<i>For Elevated Installation >20' To 25', Add</i>	9.92	
	<i>For Elevated Installation >25' To 30', Add</i>	13.88	
	<i>For Elevated Installation >30' To 35', Add</i>	15.87	
	<i>For Elevated Installation >35' To 40', Add</i>	19.84	
	<i>For Elevated Installation >40', Add</i>	21.82	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.90	
26 05 33 13-2678	EA 1-1/4" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover.....	88.70	18.37
	<i>For Work In Restricted Working Space, Add</i>	14.41	
	<i>For Elevated Installation >10' To 15', Add</i>	4.80	
	<i>For Elevated Installation >15' To 20', Add</i>	9.60	
	<i>For Elevated Installation >20' To 25', Add</i>	12.01	
	<i>For Elevated Installation >25' To 30', Add</i>	16.81	
	<i>For Elevated Installation >30' To 35', Add</i>	19.21	
	<i>For Elevated Installation >35' To 40', Add</i>	24.01	
	<i>For Elevated Installation >40', Add</i>	26.41	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.41	
26 05 33 13-2679	EA 1-1/2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover.....	114.68	20.88
	<i>For Work In Restricted Working Space, Add</i>	16.91	
	<i>For Elevated Installation >10' To 15', Add</i>	5.64	
	<i>For Elevated Installation >15' To 20', Add</i>	11.27	
	<i>For Elevated Installation >20' To 25', Add</i>	14.09	
	<i>For Elevated Installation >25' To 30', Add</i>	19.73	
	<i>For Elevated Installation >30' To 35', Add</i>	22.55	
	<i>For Elevated Installation >35' To 40', Add</i>	28.19	
	<i>For Elevated Installation >40', Add</i>	31.00	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.91	
26 05 33 13-2680	EA 2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover.....	156.35	23.38
	<i>For Work In Restricted Working Space, Add</i>	19.42	
	<i>For Elevated Installation >10' To 15', Add</i>	6.47	
	<i>For Elevated Installation >15' To 20', Add</i>	12.94	
	<i>For Elevated Installation >20' To 25', Add</i>	16.18	
	<i>For Elevated Installation >25' To 30', Add</i>	22.65	
	<i>For Elevated Installation >30' To 35', Add</i>	25.89	
	<i>For Elevated Installation >35' To 40', Add</i>	32.36	
	<i>For Elevated Installation >40', Add</i>	35.60	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.42	
26 05 33 13-2681	Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover (26 05 33 13-2659)		
26 05 33 13-2682	EA 1/2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover.....	32.24	7.93
	<i>For Work In Restricted Working Space, Add</i>	5.95	
	<i>For Elevated Installation >10' To 15', Add</i>	1.98	
	<i>For Elevated Installation >15' To 20', Add</i>	3.97	
	<i>For Elevated Installation >20' To 25', Add</i>	4.96	
	<i>For Elevated Installation >25' To 30', Add</i>	6.94	
	<i>For Elevated Installation >30' To 35', Add</i>	7.93	
	<i>For Elevated Installation >35' To 40', Add</i>	9.92	
	<i>For Elevated Installation >40', Add</i>	10.91	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.95	
26 05 33 13-2683	EA 3/4" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover.....	43.23	10.44
	<i>For Work In Restricted Working Space, Add</i>	7.83	
	<i>For Elevated Installation >10' To 15', Add</i>	2.61	
	<i>For Elevated Installation >15' To 20', Add</i>	5.22	
	<i>For Elevated Installation >20' To 25', Add</i>	6.53	
	<i>For Elevated Installation >25' To 30', Add</i>	9.14	
	<i>For Elevated Installation >30' To 35', Add</i>	10.44	
	<i>For Elevated Installation >35' To 40', Add</i>	13.05	
	<i>For Elevated Installation >40', Add</i>	14.36	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.83	
26 05 33 13-2684	EA 1" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover.....	55.40	12.94
	<i>For Work In Restricted Working Space, Add</i>	9.71	
	<i>For Elevated Installation >10' To 15', Add</i>	3.24	
	<i>For Elevated Installation >15' To 20', Add</i>	6.47	
	<i>For Elevated Installation >20' To 25', Add</i>	8.09	
	<i>For Elevated Installation >25' To 30', Add</i>	11.33	
	<i>For Elevated Installation >30' To 35', Add</i>	12.94	
	<i>For Elevated Installation >35' To 40', Add</i>	16.18	
	<i>For Elevated Installation >40', Add</i>	17.80	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.71	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-2685	EA			1-1/4" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	72.10 11.90 3.97 7.93 9.92 13.88 15.87 19.84 21.82 11.90	15.86
26 05 33 13-2686	EA			1-1/2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	88.06 13.78 4.59 9.19 11.48 16.08 18.37 22.97 25.26 13.78	18.37
26 05 33 13-2687	EA			2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	136.33 15.66 5.22 10.44 13.05 18.27 20.88 26.10 28.70 15.66	20.88
26 05 33 13-2688				Aluminum Type LB Telecommunications Conduit Bodies With Cover (Smart Pathways) <small>(26 05 33 13-2546)</small>		
26 05 33 13-2689	EA			3/4" To 1-1/4" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB120) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	154.54 17.16	22.86
26 05 33 13-2690	EA			1-1/2" To 2-1/2" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB250) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	584.32 31.72	42.27
26 05 33 13-2691	EA			3" To 4" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB400) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,123.29 64.36	85.81
26 05 33 13-2692				Replacement Covers And Gaskets For Conduit Body <small>(26 05 33 13-2546)</small>		
26 05 33 13-2693				Replacement Stamped Aluminum Conduit Body Cover <small>(26 05 33 13-2692)</small>		
26 05 33 13-2694	EA			1/2" Replacement Stamped Aluminum Conduit Body Cover	11.27	4.07
26 05 33 13-2695	EA			3/4" Replacement Stamped Aluminum Conduit Body Cover	13.87	4.75
26 05 33 13-2696	EA			1" Replacement Stamped Aluminum Conduit Body Cover	17.76	6.11
26 05 33 13-2697	EA			1-1/4" Replacement Stamped Aluminum Conduit Body Cover	21.61	7.46
26 05 33 13-2698	EA			1-1/2" Replacement Stamped Aluminum Conduit Body Cover	26.69	8.82
26 05 33 13-2699	EA			2" Replacement Stamped Aluminum Conduit Body Cover	31.75	10.18
26 05 33 13-2700	EA			2-1/2" Replacement Stamped Aluminum Conduit Body Cover	42.79	11.53
26 05 33 13-2701	EA			3" Replacement Stamped Aluminum Conduit Body Cover	54.61	16.28
26 05 33 13-2702	EA			3-1/2" Replacement Stamped Aluminum Conduit Body Cover	59.25	18.32
26 05 33 13-2703	EA			4" Replacement Stamped Aluminum Conduit Body Cover	74.66	23.07
26 05 33 13-2704				Replacement Cast Steel Conduit Body Cover <small>(26 05 33 13-2692)</small>		
26 05 33 13-2705	EA			1/2" Replacement Cast Steel Conduit Body Cover	13.40	4.07
26 05 33 13-2706	EA			3/4" Replacement Cast Steel Conduit Body Cover	15.73	4.75
26 05 33 13-2707	EA			1" Replacement Cast Steel Conduit Body Cover	22.34	6.11
26 05 33 13-2708	EA			1-1/4" Replacement Cast Steel Conduit Body Cover	27.81	7.46
26 05 33 13-2709	EA			1-1/2" Replacement Cast Steel Conduit Body Cover	33.91	8.82
26 05 33 13-2710	EA			2" Replacement Cast Steel Conduit Body Cover	40.01	10.18
26 05 33 13-2711	EA			2-1/2" Replacement Cast Steel Conduit Body Cover	46.07	11.53
26 05 33 13-2712	EA			3" Replacement Cast Steel Conduit Body Cover	62.36	16.28
26 05 33 13-2713	EA			3-1/2" Replacement Cast Steel Conduit Body Cover	71.45	18.32
26 05 33 13-2714	EA			4" Replacement Cast Steel Conduit Body Cover	90.10	23.07
26 05 33 13-2715				Replacement Velbuna Composition Conduit Body Gasket <small>(26 05 33 13-2692)</small>		
26 05 33 13-2716	EA			1/2" Replacement Velbuna Composition Conduit Body Gasket	10.31	4.07
26 05 33 13-2717	EA			3/4" Replacement Velbuna Composition Conduit Body Gasket	11.74	4.75
26 05 33 13-2718	EA			1" Replacement Velbuna Composition Conduit Body Gasket	15.38	6.11
26 05 33 13-2719	EA			1-1/4" Replacement Velbuna Composition Conduit Body Gasket	20.17	7.46
26 05 33 13-2720	EA			1-1/2" Replacement Velbuna Composition Conduit Body Gasket	22.88	8.82
26 05 33 13-2721	EA			2" Replacement Velbuna Composition Conduit Body Gasket	27.35	10.18
26 05 33 13-2722	EA			2-1/2" Replacement Velbuna Composition Conduit Body Gasket	36.77	11.53
26 05 33 13-2723	EA			3" Replacement Velbuna Composition Conduit Body Gasket	47.10	16.28
26 05 33 13-2724	EA			3-1/2" Replacement Velbuna Composition Conduit Body Gasket	52.13	18.32
26 05 33 13-2725	EA			4" Replacement Velbuna Composition Conduit Body Gasket	61.52	23.07
26 05 33 13-2726				Replacement Neoprene Conduit Body Gasket <small>(26 05 33 13-2692)</small>		
26 05 33 13-2727	EA			1/2" Replacement Neoprene Conduit Body Gasket	11.79	4.07
26 05 33 13-2728	EA			3/4" Replacement Neoprene Conduit Body Gasket	13.15	4.75
26 05 33 13-2729	EA			1" Replacement Neoprene Conduit Body Gasket	17.23	6.11

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-2730	EA	1-1/4" Replacement Neoprene Conduit Body Gasket.....	21.12	7.46
26 05 33 13-2731	EA	1-1/2" Replacement Neoprene Conduit Body Gasket.....	23.83	8.82
26 05 33 13-2732	EA	2" Replacement Neoprene Conduit Body Gasket.....	27.45	10.18
26 05 33 13-2733	EA	2-1/2" Replacement Neoprene Conduit Body Gasket.....	37.00	11.53
26 05 33 13-2734	EA	3" Replacement Neoprene Conduit Body Gasket.....	47.33	16.28
26 05 33 13-2735	EA	3-1/2" Replacement Neoprene Conduit Body Gasket.....	53.71	18.32
26 05 33 13-2736	EA	4" Replacement Neoprene Conduit Body Gasket.....	63.10	23.07

26 05 33 16 Boxes for Electrical Systems (26 05 33)

See CSI section 26 27 16 00-0000 for larger junction boxes and enclosures.

26 05 33 16-0001 Steel Junction, Device, And Fixture Boxes, Rings And Covers (26 05 33 16)

Note: Thin wall metal. See CSI section 26 27 26 00-0005 for steel box/receptacle assemblies, 26 27 26 00-0134 for steel box/switch assemblies.

26 05 33 16-0002 4" Square Steel Boxes, Rings And Covers (26 05 33 16-0001)

26 05 33 16-0003	EA	1-1/2" Depth, 4" Square Steel Box.....	39.21	17.14
		<i>For Stud Bracket, Add</i>	1.21	
26 05 33 16-0004	EA	2-1/8" Depth, 4" Square Steel Box.....	41.45	17.14
		<i>For Stud Bracket, Add</i>	2.17	
26 05 33 16-0005	EA	3-1/2" Depth, 4" Square Steel Box.....	49.14	17.14
		<i>For Stud Bracket, Add</i>	2.37	
26 05 33 16-0006	EA	1-1/2" Depth, 4" Square Steel Extension Ring.....	33.81	11.43
26 05 33 16-0007	EA	2-1/8" Depth, 4" Square Steel Extension Ring.....	26.03	11.43
26 05 33 16-0008	EA	1/2" Depth, 1 Gang, 4" Square Steel Mud Ring.....	13.78	5.71
26 05 33 16-0009	EA	5/8" Depth, 1 Gang, 4" Square Steel Mud Ring.....	14.14	5.71
26 05 33 16-0010	EA	3/4" Depth, 1 Gang, 4" Square Steel Mud Ring.....	14.40	5.71
26 05 33 16-0011	EA	1" Depth, 1 Gang, 4" Square Steel Mud Ring.....	15.23	5.71
26 05 33 16-0012	EA	1-1/4" Depth, 1 Gang, 4" Square Steel Mud Ring.....	15.47	5.71
26 05 33 16-0013	EA	1-1/2" Depth, 1 Gang, 4" Square Steel Mud Ring.....	18.13	5.71
26 05 33 16-0014	EA	1/2" Depth, 2 Gang, 4" Square Steel Mud Ring.....	14.79	5.71
26 05 33 16-0015	EA	5/8" Depth, 2 Gang, 4" Square Steel Mud Ring.....	15.05	5.71
26 05 33 16-0016	EA	3/4" Depth, 2 Gang, 4" Square Steel Mud Ring.....	15.36	5.71
26 05 33 16-0017	EA	1" Depth, 2 Gang, 4" Square Steel Mud Ring.....	18.09	5.71
26 05 33 16-0018	EA	1-1/4" Depth, 2 Gang, 4" Square Steel Mud Ring.....	18.65	5.71
26 05 33 16-0019	EA	1-1/2" Depth, 2 Gang, 4" Square Steel Mud Ring.....	22.11	5.71
26 05 33 16-0020	EA	3/4" Depth, Fixture Cover, 4" Square Mud Rings.....	16.12	5.71
26 05 33 16-0021	EA	1" Depth, Fixture Cover, 4" Square Mud Rings.....	18.32	5.71
26 05 33 16-0022	EA	One Toggle Switch, 4" Square Steel Exposed Work Cover.....	14.75	5.71
26 05 33 16-0023	EA	Two Toggle Switches, 4" Square Steel Exposed Work Cover.....	14.95	5.71
26 05 33 16-0024	EA	One Duplex Receptacle, 4" Square Steel Exposed Work Cover.....	14.70	5.71
26 05 33 16-0025	EA	Two Duplex Receptacles, 4" Square Steel Exposed Work Cover.....	15.29	5.71
26 05 33 16-0026	EA	One Toggle Switch And One Duplex Receptacle, 4" Square Steel Exposed Work Cover.....	15.78	5.71
26 05 33 16-0027	EA	One Toggle Switch And One 1.406" Diameter Receptacle, 4" Square Steel Exposed Work Cover.....	21.88	5.71
26 05 33 16-0028	EA	One 1.406" Diameter Receptacle, 4" Square Steel Exposed Work Cover.....	15.69	5.71
26 05 33 16-0029	EA	Two 1.406" Diameter Receptacles, 4" Square Steel Exposed Work Cover.....	21.88	5.71
26 05 33 16-0030	EA	One 1.620" Diameter Receptacle, 4" Square Steel Exposed Work Cover.....	15.69	5.71
26 05 33 16-0031	EA	One 1.719" Diameter Receptacle, 4" Square Steel Exposed Work Cover.....	17.12	5.71
26 05 33 16-0032	EA	One 2.165" Diameter Receptacle, 4" Square Steel Exposed Work Cover.....	21.88	5.71
26 05 33 16-0033	EA	One 2.480" Diameter Receptacle, 4" Square Steel Exposed Work Cover.....	21.88	5.71
26 05 33 16-0034	EA	Flat, 4" Square Steel Exposed Work Cover.....	13.01	5.71

26 05 33 16-0035 4-11/16" Square Steel Boxes, Rings And Covers (26 05 33 16-0001)

26 05 33 16-0036	EA	1-1/2" Depth, 4-11/16" Square Steel Box.....	47.50	17.14
26 05 33 16-0037	EA	2-1/8" Depth, 4-11/16" Square Steel Box.....	42.43	17.14
		<i>For Stud Bracket, Add</i>	1.14	
26 05 33 16-0038	EA	3-1/4" Depth, 4-11/16" Square Steel Box.....	67.89	17.14
26 05 33 16-0039	EA	1-1/2" Depth, 4-11/16" Square Extension Ring.....	35.93	11.43
26 05 33 16-0040	EA	2-1/8" Depth, 4-11/16" Square Extension Ring.....	37.18	11.43
26 05 33 16-0041	EA	1/2" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring.....	18.85	5.71
26 05 33 16-0042	EA	5/8" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring.....	18.91	5.71
26 05 33 16-0043	EA	3/4" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring.....	21.07	5.71
26 05 33 16-0044	EA	1" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring.....	20.20	5.71
26 05 33 16-0045	EA	1-1/4" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring.....	20.01	5.71
26 05 33 16-0046	EA	1-1/2" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring.....	29.00	5.71
26 05 33 16-0047	EA	1/2" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring.....	20.57	5.71
26 05 33 16-0048	EA	5/8" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring.....	21.04	5.71
26 05 33 16-0049	EA	3/4" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring.....	21.07	5.71
26 05 33 16-0050	EA	1" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring.....	24.25	5.71
26 05 33 16-0051	EA	1-1/4" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring.....	24.91	5.71
26 05 33 16-0052	EA	1-1/2" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring.....	32.61	5.71
26 05 33 16-0053	EA	1/2" Depth, Fixture Cover, 4-11/16" Square Steel Mud Ring.....	20.15	5.71
26 05 33 16-0054	EA	5/8" Depth, Fixture Cover, 4-11/16" Square Steel Mud Ring.....	20.38	5.71
26 05 33 16-0055	EA	One Toggle Switch, 4-11/16" Square Steel Exposed Work Cover.....	26.34	5.71
26 05 33 16-0056	EA	Two Toggle Switches, 4-11/16" Square Steel Exposed Work Cover.....	28.01	5.71
26 05 33 16-0057	EA	One Duplex Receptacle, 4-11/16" Square Steel Exposed Work Cover.....	25.85	5.71
26 05 33 16-0058	EA	Two Duplex Receptacles, 4-11/16" Square Steel Exposed Work Cover.....	24.03	5.71
26 05 33 16-0059	EA	One Toggle Switch And One Duplex Receptacle, 4-11/16" Square Steel Exposed Work Cover.....	30.12	5.71
26 05 33 16-0060	EA	One 1.594" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover.....	28.00	5.71
26 05 33 16-0061	EA	One 2.141" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover.....	28.00	5.71
26 05 33 16-0062	EA	One 2.625" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover.....	28.00	5.71
26 05 33 16-0063	EA	Flat, 4-11/16" Square Steel Exposed Work Cover.....	14.37	5.71

	MINOR	DESCRIPTION	TOTAL DIRECT	DEMOLITION
	CSI	UOM	UNIT COST	UNIT COST

26 05 33 16-0064 Steel Square Box Brackets (26 05 33 16-0001)				
26 05 33 16-0065	EA	16" Or 24" Width Box Bracket, For Multiple 1-1/2" And 2-1/8" Deep Boxes	19.44	8.58
26 05 33 16-0066	EA	Single Box Bracket, One 4" Or 4-11/16" Square Box	14.96	5.72
26 05 33 16-0067	EA	16" Box Bracket, Up To Three 4" Or 4-11/16" Square Boxes	24.84	8.58
26 05 33 16-0068	EA	24" Box Bracket, Up To Four 4" Or 4-11/16" Square Boxes	27.62	8.58
26 05 33 16-0069 4" Octagon Steel Boxes And Covers (26 05 33 16-0001)				
26 05 33 16-0070	EA	1-1/2" Depth, 4" Steel Octagon Box	32.61	14.28
		<i>For Stud Bracket, Add</i>	2.94	
26 05 33 16-0071	EA	2-1/8" Depth, 4" Steel Octagon Box	34.57	14.28
26 05 33 16-0072	EA	Flat, 4" Octagon Steel Exposed Work Cover	12.88	5.71
26 05 33 16-0073 4" Steel Octagonal Concrete Rings And Steel Covers (26 05 33 16-0001)				
Note: Placed in concrete slabs or walls.				
26 05 33 16-0074	EA	2" Depth, 4" Steel Octagonal Concrete Ring	54.57	
26 05 33 16-0075	EA	2-1/2" Depth, 4" Steel Octagonal Concrete Ring	58.31	
26 05 33 16-0076	EA	3" Depth, 4" Steel Octagonal Concrete Ring	60.97	
26 05 33 16-0077	EA	3-1/2" Depth, 4" Steel Octagonal Concrete Ring	63.52	
26 05 33 16-0078	EA	4" Depth, 4" Steel Octagonal Concrete Ring	71.20	
26 05 33 16-0079	EA	5" Depth, 4" Steel Octagonal Concrete Ring	79.22	
26 05 33 16-0080	EA	6" Depth, 4" Steel Octagonal Concrete Ring	85.10	
26 05 33 16-0081	EA	Flat, 4" Steel Octagonal Concrete Cover	15.58	5.71
26 05 33 16-0082 4-1/2" Steel Gang Boxes (26 05 33 16-0001)				
26 05 33 16-0083	EA	2 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	60.36	14.28
26 05 33 16-0084	EA	3 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	66.69	15.43
26 05 33 16-0085	EA	4 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	82.25	17.14
26 05 33 16-0086	EA	5 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	112.51	18.85
26 05 33 16-0087	EA	6 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	177.71	20.57
26 05 33 16-0088	EA	2 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	90.63	14.28
26 05 33 16-0089	EA	3 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	98.94	15.43
26 05 33 16-0090	EA	4 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	136.71	17.14
26 05 33 16-0091	EA	5 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	180.23	18.85
26 05 33 16-0092	EA	6 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	311.60	20.57
26 05 33 16-0093	EA	2 Device, Gang Box Mud Ring	27.17	5.71
26 05 33 16-0094	EA	3 Device, Gang Box Mud Ring	27.68	5.71
26 05 33 16-0095	EA	4 Device, Gang Box Mud Ring	33.51	5.71
26 05 33 16-0096	EA	5 Device, Gang Box Mud Ring	43.54	5.71
26 05 33 16-0097	EA	6 Device, Gang Box Mud Ring	65.53	5.71
26 05 33 16-0098	EA	2 Device, Gang Box Flat Cover	22.16	5.71
26 05 33 16-0099	EA	3 Device, Gang Box Flat Cover	27.62	5.71
26 05 33 16-0100	EA	4 Device, Gang Box Flat Cover	34.87	5.71
26 05 33 16-0101	EA	5 Device, Gang Box Flat Cover	44.10	5.71
26 05 33 16-0102	EA	6 Device, Gang Box Flat Cover	67.09	5.71
26 05 33 16-0103 Steel Switch Boxes (26 05 33 16-0001)				
26 05 33 16-0104	EA	2-1/2" Depth, 3" x 2", Stud Bracket, Steel Switch Box	36.38	14.28
26 05 33 16-0105	EA	2-3/4" Depth, 3" x 2", Stud Bracket, Steel Switch Box	37.23	14.28
26 05 33 16-0106	EA	3-1/2" Depth, 3" x 2", Stud Bracket, Steel Switch Box	41.60	14.28
26 05 33 16-0107	EA	2-1/2" Depth, 2 Device, Stud Bracket, Steel Box	51.42	14.28
26 05 33 16-0108	EA	2-1/2" Depth, 3 Device, Stud Bracket, Steel Box	52.27	14.28
26 05 33 16-0109	EA	2-1/2" Depth, 4 Device, Stud Bracket, Steel Box	65.57	14.28
26 05 33 16-0110 4" x 2" Steel Handy Boxes, Extension Rings And Covers (26 05 33 16-0001)				
26 05 33 16-0111	EA	1-1/2" Deep, 4" x 2" Steel Handy Box	32.39	14.28
		<i>For Stud Bracket, Add</i>	4.73	
26 05 33 16-0112	EA	1-7/8" Deep, 4" x 2" Steel Handy Box	33.30	14.28
		<i>For Stud Bracket, Add</i>	2.04	
26 05 33 16-0113	EA	2-1/8" Deep, 4" x 2" Steel Handy Box	35.31	14.28
		<i>For Stud Bracket, Add</i>	2.77	
26 05 33 16-0114	EA	1-1/2" Deep, 4" x 2" Steel Handy Box Extension Ring	22.63	8.57
26 05 33 16-0115	EA	1-7/8" Deep, 4" x 2" Steel Handy Box Extension Ring	21.73	8.57
26 05 33 16-0116	EA	GFI Receptacle, 2" x 4" Steel Handy Box Exposed Work Cover	7.69	2.86
26 05 33 16-0117	EA	1.406" Diameter Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover	7.86	2.86
26 05 33 16-0118	EA	Duplex Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover	7.01	2.86
26 05 33 16-0119	EA	Toggle Switch, 4" x 2" Steel Handy Box Exposed Work Cover	7.07	2.86
26 05 33 16-0120	EA	1.594" Diameter Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover	8.80	2.86
26 05 33 16-0121	EA	Flat, 2" x 4" Steel Handy Box Exposed Work Cover	7.07	2.86
26 05 33 16-0122 3"-1/2" Depth, 3-3/4" Steel Masonry Boxes (26 05 33 16-0001)				
26 05 33 16-0123	EA	1 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box	50.64	20.00
26 05 33 16-0124	EA	2 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box	58.34	21.14
26 05 33 16-0125	EA	3 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box	68.75	22.85
26 05 33 16-0126	EA	4 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box	79.54	25.14
26 05 33 16-0127 Cast Boxes (26 05 33 16)				
Note: For flush or surface mount.				

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	16-0128		Cast Iron Alloy Boxes <small>(26 05 33 16-0127)</small> See CSI section 26 27 26 00-0281 for box covers.		
26 05 33	16-0129		Shallow, Single Gang Cast Iron Alloy Boxes <small>(26 05 33 16-0128)</small> Note: Up to 2" deep boxes.		
26 05 33	16-0130	EA	1/2" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box Note: One hub.	96.97	34.28
26 05 33	16-0131	EA	3/4" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box Note: One hub.	104.69	39.99
26 05 33	16-0132	EA	1" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box Note: One hub.	123.38	48.56
26 05 33	16-0133	EA	1/2" Depth, Type FSC, Shallow, Single Gang Cast Iron Alloy Box Note: Two hub.	121.40	45.71
26 05 33	16-0134	EA	3/4" Depth, Type FSC, Shallow, Single Gang Cast Iron Alloy Box Note: Two hub.	154.89	54.28
26 05 33	16-0135	EA	1/2" Depth, Type FSL, Shallow, Single Gang Cast Iron Alloy Box Note: Two hub.	120.91	45.71
26 05 33	16-0136	EA	3/4" Depth, Type FSL, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	145.35	54.28
26 05 33	16-0137	EA	1/2" Depth, Type FSR, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	123.98	45.71
26 05 33	16-0138	EA	3/4" Depth, Type FSR, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	145.39	54.28
26 05 33	16-0139	EA	1/2" Depth, Type FSS, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	120.91	45.71
26 05 33	16-0140	EA	3/4" Depth, Type FSS, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	141.61	54.28
26 05 33	16-0141	EA	1/2" Depth, Type FSCA, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	144.27	57.13
26 05 33	16-0142	EA	3/4" Depth, Type FSCA, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	170.80	68.56
26 05 33	16-0143	EA	1/2" Depth, Type FSCC, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	150.15	57.13
26 05 33	16-0144	EA	3/4" Depth, Type FSCC, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	193.23	68.56
26 05 33	16-0145	EA	1/2" Depth, Type FSCT, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	154.00	57.13
26 05 33	16-0146	EA	3/4" Depth, Type FSCT, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	184.01	68.56
26 05 33	16-0147	EA	1/2" Depth, Type FST, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	143.77	57.13
26 05 33	16-0148	EA	3/4" Depth, Type FST, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	186.60	68.56
26 05 33	16-0149	EA	1/2" Depth, Type FSX, Shallow, Single Gang Cast Iron Alloy Box Note: Four hubs.	182.95	68.56
26 05 33	16-0150	EA	3/4" Depth, Type FSX, Shallow, Single Gang Cast Iron Alloy Box Note: Four hubs.	220.72	82.84
26 05 33	16-0151		Deep, Single Gang Cast Iron Alloy Boxes <small>(26 05 33 16-0128)</small> Note: >2" deep boxes.		
26 05 33	16-0152	EA	1/2" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box Note: One hub.	101.30	34.28
26 05 33	16-0153	EA	3/4" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box Note: One hub.	116.71	39.99
26 05 33	16-0154	EA	1" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box Note: One hub.	137.24	48.56
26 05 33	16-0155	EA	1/2" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	129.32	45.71
26 05 33	16-0156	EA	3/4" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	149.42	54.28
26 05 33	16-0157	EA	1" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	179.63	65.70
26 05 33	16-0158	EA	3/4" Depth, Type FDS, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	160.22	54.28
26 05 33	16-0159	EA	3/4" Depth, Type FDCC, Deep, Single Gang Cast Iron Alloy Box Note: Three hubs.	206.02	68.56
26 05 33	16-0160		Shallow, Two Gang Cast Iron Alloy Boxes <small>(26 05 33 16-0128)</small> Note: Up to 2" deep boxes.		
26 05 33	16-0161	EA	1/2" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box Note: One hub.	116.31	37.14
26 05 33	16-0162	EA	3/4" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box Note: One hub.	129.01	42.85
26 05 33	16-0163	EA	1" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box Note: One hub.	150.01	51.42
26 05 33	16-0164	EA	1/2" Depth, Type FSC, Shallow, Two Gang Cast Iron Alloy Box Note: Two hubs.	141.25	48.56
26 05 33	16-0165	EA	3/4" Depth, Type FSC, Shallow, Two Gang Cast Iron Alloy Box Note: Two hubs.	160.61	57.13
26 05 33	16-0166		Deep, Two Gang Cast Iron Alloy Boxes <small>(26 05 33 16-0128)</small> Note: >2" deep boxes.		
26 05 33	16-0167	EA	1/2" Depth, Type FD, Deep, Two Gang Cast Iron Alloy Box Note: One hub.	129.31	37.14

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 16-0168	EA	3/4" Depth, Type FD, Deep, Two Gang Cast Iron Alloy Box.....	141.25	42.85
		Note: One hub.		
26 05 33 16-0169	EA	1/2" Depth, Type FDC, Deep, Two Gang Cast Iron Alloy Box	160.82	48.56
		Note: Two hubs.		
26 05 33 16-0170	EA	3/4" Depth, Type FDC, Deep, Two Gang Cast Iron Alloy Box	181.29	57.13
		Note: Two hubs.		
26 05 33 16-0171		Cast Aluminum Boxes <small>(26 05 33 16-0127)</small>		
		See CSI section 26 27 26 00-0281 for box covers.		
26 05 33 16-0172		Shallow, Single Gang Cast Aluminum Boxes <small>(26 05 33 16-0171)</small>		
		Note: Up to 2" deep boxes.		
26 05 33 16-0173	EA	1/2" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box.....	85.54	28.57
		Note: One hub.		
26 05 33 16-0174	EA	3/4" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box.....	98.10	34.28
		Note: One hub.		
26 05 33 16-0175	EA	1" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box.....	109.45	42.85
		Note: One hub.		
26 05 33 16-0176	EA	1/2" Depth, Type FSA, Shallow, Single Gang Cast Aluminum Box	80.49	28.57
		Note: One hub.		
26 05 33 16-0177	EA	3/4" Depth, Type FSA, Shallow, Single Gang Cast Aluminum Box	101.66	34.28
		Note: One hub.		
26 05 33 16-0178	EA	1/2" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box	108.89	39.99
		Note: Two hubs.		
26 05 33 16-0179	EA	3/4" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box	130.86	48.56
		Note: Two hubs.		
26 05 33 16-0180	EA	1" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box	164.12	59.99
		Note: Two hubs.		
26 05 33 16-0181	EA	1/2" Depth, Type FSL, Shallow, Single Gang Cast Aluminum Box.....	117.67	39.99
		Note: Two hubs.		
26 05 33 16-0182	EA	3/4" Depth, Type FSL, Shallow, Single Gang Cast Aluminum Box.....	126.59	48.56
		Note: Two hubs.		
26 05 33 16-0183	EA	1/2" Depth, Type FSLB, Shallow, Single Gang Cast Aluminum Box	112.68	39.99
		Note: Two hubs.		
26 05 33 16-0184	EA	3/4" Depth, Type FSLB, Shallow, Single Gang Cast Aluminum Box	129.57	48.56
		Note: Two hubs.		
26 05 33 16-0185	EA	1/2" Depth, Type FSR, Shallow, Single Gang Cast Aluminum Box	109.45	39.99
		Note: Two hubs.		
26 05 33 16-0186	EA	3/4" Depth, Type FSR, Shallow, Single Gang Cast Aluminum Box	129.57	48.56
		Note: Two hubs.		
26 05 33 16-0187	EA	1/2" Depth, Type FSS, Shallow, Single Gang Cast Aluminum Box	102.01	39.99
		Note: Two hubs.		
26 05 33 16-0188	EA	3/4" Depth, Type FSS, Shallow, Single Gang Cast Aluminum Box	137.49	48.56
		Note: Two hubs.		
26 05 33 16-0189	EA	1/2" Depth, Type FSFA, Shallow, Single Gang Cast Aluminum Box	129.99	51.42
		Note: Three hubs.		
26 05 33 16-0190	EA	3/4" Depth, Type FSFA, Shallow, Single Gang Cast Aluminum Box	157.97	62.85
		Note: Three hubs.		
26 05 33 16-0191	EA	1/2" Depth, Type FSFA, Shallow, Single Gang Cast Aluminum Box	137.71	51.42
		Note: Three hubs.		
26 05 33 16-0192	EA	3/4" Depth, Type FSFA, Shallow, Single Gang Cast Aluminum Box	184.71	62.85
		Note: Three hubs.		
26 05 33 16-0193	EA	1/2" Depth, Type FSCT, Shallow, Single Gang Cast Aluminum Box	137.06	51.42
		Note: Three hubs.		
26 05 33 16-0194	EA	3/4" Depth, Type FSCT, Shallow, Single Gang Cast Aluminum Box	168.14	62.85
		Note: Three hubs.		
26 05 33 16-0195	EA	3/4" Depth, Type FST, Shallow, Single Gang Cast Aluminum Box.....	170.44	62.85
		Note: Three hubs.		
26 05 33 16-0196	EA	1/2" Depth, Type FSX, Shallow, Single Gang Cast Aluminum Box	167.14	62.85
		Note: Four hubs.		
26 05 33 16-0197	EA	3/4" Depth, Type FSX, Shallow, Single Gang Cast Aluminum Box	204.05	77.13
		Note: Four hubs.		
26 05 33 16-0198		Deep, Single Gang Cast Aluminum Boxes <small>(26 05 33 16-0171)</small>		
		Note: >2" deep boxes.		
26 05 33 16-0199	EA	1/2" Depth, Type FD, Deep, Single Gang Cast Aluminum Box.....	94.49	28.57
		Note: One hub.		
26 05 33 16-0200	EA	3/4" Depth, Type FD, Deep, Single Gang Cast Aluminum Box.....	113.21	34.28
		Note: One hub.		
26 05 33 16-0201	EA	1" Depth, Type FD, Deep, Single Gang Cast Aluminum Box.....	130.22	42.85
		Note: One hub.		
26 05 33 16-0202	EA	3/4" Depth, Type FDA, Deep, Single Gang Cast Aluminum Box	121.38	34.28
		Note: One hub.		
26 05 33 16-0203	EA	1/2" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box	120.46	39.99
		Note: Two hubs.		
26 05 33 16-0204	EA	3/4" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box	145.08	48.56
		Note: Two hubs.		
26 05 33 16-0205	EA	1" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box.....	162.79	59.99
		Note: Two hubs.		
26 05 33 16-0206	EA	3/4" Depth, Type FDS, Deep, Single Gang Cast Aluminum Box	146.97	48.56
		Note: Two hubs.		
26 05 33 16-0207	EA	3/4" Depth, Type FDCC, Deep, Single Gang Cast Aluminum Box	180.07	62.85
		Note: Three hubs.		
26 05 33 16-0208		Shallow, Two Gang Cast Aluminum Boxes <small>(26 05 33 16-0171)</small>		
		Note: Up to 2" deep boxes.		

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 16-0209	EA	1/2" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	112.75	31.42
26 05 33 16-0210	EA	3/4" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	129.21	37.14
26 05 33 16-0211	EA	1" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	139.30	45.71
26 05 33 16-0212	EA	1/2" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box Note: Two hubs.	141.25	42.85
26 05 33 16-0213	EA	3/4" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box Note: Two hubs.	144.78	51.42
26 05 33 16-0214	EA	1" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box Note: Two hubs.	178.77	62.85
26 05 33 16-0215		Deep, Two Gang Cast Aluminum Boxes (26 05 33 16-0171) Note: >2" deep boxes.		
26 05 33 16-0216	EA	1/2" Depth, Type FD, Deep, Two Gang Cast Aluminum Box Note: One hub.	112.65	31.42
26 05 33 16-0217	EA	3/4" Depth, Type FD, Deep, Two Gang Cast Aluminum Box Note: One hub.	130.43	37.14
26 05 33 16-0218	EA	1/2" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	144.04	42.85
26 05 33 16-0219	EA	3/4" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	163.49	51.42
26 05 33 16-0220	EA	1/2" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	144.04	42.85
26 05 33 16-0221	EA	3/4" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	163.49	51.42
26 05 33 16-0222		Shallow, Three Gang Cast Aluminum Boxes (26 05 33 16-0171) Note: Up to 2" deep boxes.		
26 05 33 16-0223	EA	1/2" Depth, Type FSC, Shallow, Three Gang Cast Aluminum Box Note: Two hubs.	151.24	45.71
26 05 33 16-0224	EA	3/4" Depth, Type FSC, Shallow, Three Gang Cast Aluminum Box Note: Two hubs.	169.98	54.28
26 05 33 16-0225		Deep, Three Gang Cast Aluminum Boxes (26 05 33 16-0171) Note: >2" deep boxes.		
26 05 33 16-0226	EA	3/4" Depth, Type FD, Deep, Three Gang Cast Aluminum Box Note: One hub.	171.32	39.99
26 05 33 16-0227	EA	1" Depth, Type FD, Deep, Three Gang Cast Aluminum Box Note: One hub.	191.33	48.56
26 05 33 16-0228		Cast Aluminum Explosion Proof Outlet Bodies (26 05 33 16-0127) Note: Class I, Div. 1 & 2; Class II, Div. 1 & 2; and Class III.		
26 05 33 16-0229	EA	1/2" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body.....	177.66	45.71
26 05 33 16-0230	EA	3/4" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body.....	219.77	51.42
26 05 33 16-0231	EA	1" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body.....	201.87	57.13
26 05 33 16-0232	EA	1/2" Depth, Type GRSSA, 13 Opening, Cast Aluminum Explosion Proof Outlet Body.....	196.95	51.42
26 05 33 16-0233	EA	3/4" Depth, 13 Hubs, Explosion Proof Conduit Outlet Box With Cover Cast Aluminum, Type GRSSA.....	239.68	57.13
26 05 33 16-0234		Non Metallic (PVC) Boxes (26 05 33 16) See CSI section 26 27 26 00-0281 for box covers.		
26 05 33 16-0235		Shallow, Single Gang Non Metallic (PVC) Boxes (26 05 33 16-0234)		
26 05 33 16-0236	EA	1/2" Depth, Type FSE, Shallow, Single Gang Non Metallic (PVC) Box Note: One hub.	59.80	24.00
26 05 33 16-0237	EA	3/4" Depth, Type FSE, Shallow, Single Gang Non Metallic (PVC) Box Note: One hub.	68.17	28.00
26 05 33 16-0238	EA	1" Depth, Type FSE, Shallow, Single Gang Non Metallic (PVC) Box Note: One hub.	77.07	33.99
26 05 33 16-0239	EA	1/2" Depth, Type FSC, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	76.17	32.00
26 05 33 16-0240	EA	3/4" Depth, Type FSC, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	89.38	37.99
26 05 33 16-0241	EA	1" Depth, Type FSC, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	108.43	45.99
26 05 33 16-0242	EA	1/2" Depth, Type FSS, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	76.48	32.00
26 05 33 16-0243	EA	3/4" Depth, Type FSS, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	88.54	37.99
26 05 33 16-0244	EA	1" Depth, Type FSS, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	105.58	45.99
26 05 33 16-0245	EA	1/2" Depth, Type FSCC, Shallow, Single Gang Non Metallic (PVC) Box..... Note: Three hubs.	96.70	39.99
26 05 33 16-0246	EA	3/4" Depth, Type FSCC, Shallow, Single Gang Non Metallic (PVC) Box..... Note: Three hubs.	109.40	47.99
26 05 33 16-0247	EA	1" Depth, Type FSCC, Shallow, Single Gang Non Metallic (PVC) Box..... Note: Three hubs.	128.41	57.99
26 05 33 16-0248		Deep, Single Gang Non Metallic (PVC) Boxes (26 05 33 16-0234)		
26 05 33 16-0249	EA	No Hub, Type FD, Deep, Single Gang Non Metallic (PVC) Box Note: No hubs.	60.72	24.00

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0250 EA 1/2" Depth, Type FDE, Deep, Single Gang Non Metallic (PVC) Box Note: One hub.	59.11	24.00
26 05 33 16-0251 EA 3/4" Depth, Type FDE, Deep, Single Gang Non Metallic (PVC) Box Note: One hub.	70.36	28.00
26 05 33 16-0252 EA 1" Depth, Type FDE, Deep, Single Gang Non Metallic (PVC) Box Note: One hub.	77.96	33.99
26 05 33 16-0253 EA 1/2" Depth, Type FDC, Deep, Single Gang Non Metallic (PVC) Box Note: Two hubs.	77.98	32.00
26 05 33 16-0254 EA 3/4" Depth, Type FDC, Deep, Single Gang Non Metallic (PVC) Box Note: Two hubs.	87.01	37.99
26 05 33 16-0255 EA 1" Depth, Type FDC, Deep, Single Gang Non Metallic (PVC) Box Note: Two hubs.	103.82	45.99
26 05 33 16-0256 Shallow, Two Gang Non Metallic (PVC) Boxes <small>(26 05 33 16-0234)</small>		
26 05 33 16-0257 EA 1/2" Depth, Type FSE, Shallow, Two Gang Non Metallic (PVC) Box Note: One hub.	64.28	25.99
26 05 33 16-0258 EA 3/4" Depth, Type FSE, Shallow, Two Gang Non Metallic (PVC) Box Note: One hub.	73.57	29.99
26 05 33 16-0259 EA 1" Depth, Type FSE, Shallow, Two Gang Non Metallic (PVC) Box Note: One hub.	81.23	35.99
26 05 33 16-0260 EA 1/2" Depth, Type FSC, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	78.16	33.99
26 05 33 16-0261 EA 3/4" Depth, Type FSC, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	97.31	39.99
26 05 33 16-0262 EA 1" Depth, Type FSC, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	114.92	47.99
26 05 33 16-0263 EA 1/2" Depth, Type FSS, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	80.30	33.99
26 05 33 16-0264 EA 3/4" Depth, Type FSS, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	103.24	39.99
26 05 33 16-0265 EA 1" Depth, Type FSS, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	110.17	47.99
26 05 33 16-0266 EA 1/2" Depth, Type FSCC, Shallow, Two Gang Non Metallic (PVC) Box Note: Three hubs.	98.05	41.99
26 05 33 16-0267 EA 3/4" Depth, Type FSCC, Shallow, Two Gang Non Metallic (PVC) Box Note: Three hubs.	130.69	49.99
26 05 33 16-0268 EA 1" Depth, Type FSCC, Shallow, Two Gang Non Metallic (PVC) Box Note: Three hubs.	132.27	59.99
26 05 33 16-0269 Poke Thru Units <small>(26 05 33 16)</small>		
26 05 33 16-0270 Surface Poke Thru Units <small>(26 05 33 16-0269)</small>		
Note: Excludes concrete drilling.		
26 05 33 16-0271 EA Single 20 Amperes, Duplex Receptacle RC3 Power And Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Excludes communication jacks. Wiremold RC3ATCAL.	567.15	42.85
26 05 33 16-0272 EA Retrofit Kit Upgrades Existing RC3 Series Power And Communications Poke Thru Unit To Meet Scrub Water Requirements Note: Includes 20 Amp duplex receptacle. Tile or carpet with brushed aluminum flange with black nonmetallic cover. Wiremold RC3KTCAL.	361.92	
26 05 33 16-0273 EA 20 Amperes, Replacement Duplex Receptacle For RC3 Series Power And Communications Poke Thru Unit Note: Wiremold RC37REC.	48.07	11.43
26 05 33 16-0274 EA Abandonment Plate For RC3 Series Power And Communications Poke Thru Unit Note: Wiremold RC3APTCKB.	60.45	5.71
26 05 33 16-0275 EA Four 20 Amperes, Receptacles RC4 Power And Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Excludes communication jacks. Wiremold RC4ATCAL.	642.24	45.71
26 05 33 16-0276 EA Retrofit Kit Upgrades Existing RC4 Series Power And Communications Poke Thru Unit To Meet Scrub Water Requirements Note: Includes two 20 Amp duplex receptacles. Tile or carpet with brushed aluminum flange with black nonmetallic cover. Excludes communication jacks. Wiremold RC4KTCAL.	338.34	
26 05 33 16-0277 EA Two 20 Amperes, Replacement Duplex Receptacles For RC4 Series Power And Communications Poke Thru Unit Note: Wiremold RC4REC2.	83.11	17.14
26 05 33 16-0278 EA Abandonment Plate For RC4 Series Power And Communications Poke Thru Unit Note: Wiremold RC4APTCKB.	60.45	5.71
26 05 33 16-0279 EA Abandonment Plug For RC4 Series Power And Communications Poke Thru Unit Note: Wiremold ABPLUG4.	177.67	11.43
26 05 33 16-0280 EA Four Jack RC9AMD Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Includes bezels to accept four Ortronics TracJack inserts and two Ortronics Series II inserts. Excludes communication jacks. Wiremold RC9AMDTCAL.	507.10	39.99
26 05 33 16-0281 EA Abandonment Plate For RC9 Series Communications Poke Thru Unit Note: Wiremold RC9APTCKB.	41.50	5.71
26 05 33 16-0282 EA Eight Jack AMD8 Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Includes bezels to accept eight Ortronics TracJack inserts and four Ortronics Series II inserts. Excludes communication jacks. Wiremold AMDBATCAL.	504.71	39.99
26 05 33 16-0283 EA Communication Conduit Adapter For Poke Thru Units Note: Includes two conduit connections for communication systems. Wiremold COM75.	58.37	5.71
26 05 33 16-0284 Recessed Poke Thru Units <small>(26 05 33 16-0269)</small>		
Note: Excludes concrete drilling.		
26 05 33 16-0285 Evolution 6AT Poke Thru Units <small>(26 05 33 16-0284)</small>		
Note: Excludes concrete drilling.		

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0286	EA	Recessed Prewired Assembly With Surface Style Cover (Wiremold 6ATCP) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	888.43	45.71
26 05 33 16-0287	EA	Recessed Prewired Assembly With Flush Style Cover (Wiremold 6ATP)..... Note: For tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	888.54	45.71
26 05 33 16-0288	EA	Recessed Assembly With Surface Style Cover (Wiremold 6ATC)..... Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	846.39	45.71
26 05 33 16-0289	EA	Recessed Assembly With Flush Style Cover (Wiremold 6AT)..... Note: For tile, wood or laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	846.39	45.71
26 05 33 16-0290	EA	Recessed Prewired Audio/Video Assembly With Surface Style Cover (Wiremold 6ATCPA)..... Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	888.43	45.71
26 05 33 16-0291	EA	Recessed Prewired Audio/Video Assembly With Flush Style Cover (Wiremold 6ATPA)..... Note: For tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	888.43	45.71
26 05 33 16-0292	EA	Recessed Furniture Feed Assembly With Surface Style Cover (Wiremold 6ATCFF)..... Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Die-cast aluminum cover assembly provides one (1) 3/4" trade size screw plug opening and one (1) concentric 2"-1 1/4" trade size screw plug opening and is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	810.80	45.71
26 05 33 16-0293	EA	Recessed Assembly With Disposable Plate (Wiremold 6STC)..... Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. No device plates are included. For use with the following cover assemblies (purchased separately): 6CTC, 6CT, and 6CFFTC Series.	505.80	42.85
26 05 33 16-0294	EA	Recessed Prewired Audio/Video Assembly With Disposable Plate (Wiremold 6STCPAV) Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies(purchased separately): 6CTC and 6CT Series.	542.99	42.85
26 05 33 16-0295	EA	Recessed Prewired Assembly With Disposable Plate (Wiremold 6STCP) Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 6CTC and 6CT Series.	546.67	42.85
26 05 33 16-0296	EA	6" Pre-Pour Poke-Thru Sleeve (Wiremold 6PPS)..... Note: Nonmetallic sleeve attaches to structural decking and maintains 6"-6 1/8" diameter cast in core hole. Unit includes three (3) attachment legs, two (2) end caps and three (3) thumb screws.	153.04	22.85
26 05 33 16-0297	EA	Surface Style Cover Assembly (Wiremold 6CTC)..... Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: black (BK), gray (GY), nickel (NK), brass (BS), and bronze (BZ). 6CTC Series cover assemblies designed for use with 6STC, 6STCP, and 6STCPAV Poke-Thru Stem Assemblies.	359.33	11.43
26 05 33 16-0298	EA	Flush Style Cover Assembly (Wiremold 6CT)..... Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: black (BK), gray (GY), nickel (NK), brass (BS), and bronze (BZ). 6CT Series cover assemblies designed for use with 6STC, 6STCP and 6STCPAV Poke-Thru Stem Assemblies. Includes one (1) 6TS Tile Shim.	359.33	11.43
26 05 33 16-0299	EA	Furniture Feed Cover Assembly (Wiremold 6CFFTC)..... Note: Surface style, die-cast aluminum cover assembly, with one (1) 3/4" trade size screw plug opening, and one (1) concentric 2"-1 1/4" trade size screw plug opening. Cover assembly is available in finishes: black (BK), gray(GY), nickel (NK), brass (BS), and bronze (BZ). 6CFFTC Series Cover Assemblies designed for use with 6STC Poke- Thru Stem Assembly. Includes one (1) 3/4" and one (1) 2" trade size conduit fittings and one (1) divider to separate services.	298.35	11.43
26 05 33 16-0300	EA	Tile Shim (Wiremold 6TS)..... Note: Used for floor coverings greater than 5/16" The 6TS will allow the top surface of the cover to be flush with the finished floor. Includes: two (2) 1/8" thick shims and two (2) 1/16" thick shims. Up to a total of 3/8" of adjustment.	42.94	2.86
26 05 33 16-0301	EA	Device Mounting Plate (Wiremold 6AAP) Note: Device plate that will accept up to two (2) Extron® Electronics AAP style plates. For use in the center compartment only. Devices supplied by others.	20.27	5.71
26 05 33 16-0302	EA	Device Mounting Plate (Wiremold 6ACT8A) Note: Device plate that will accept up to eight (8) ports of communication devices. For use in the center compartment only. Devices supplied by others.	23.58	5.71
26 05 33 16-0303	EA	Device Mounting Plate (Wiremold 6B)..... Note: Device plate used to blank off center compartment, when no devices are used.	20.18	5.71
26 05 33 16-0304	EA	Device Mounting Plate (Wiremold 6DEC)..... Note: Device plate that will accept Decorator style devices such as 20 amperes receptacles, GFCIs, 106 adapters or AV devices. For use in the center compartment only. Devices supplied by others.	20.24	5.71
26 05 33 16-0305	EA	Device Mounting Plate (Wiremold 6DP)..... Note: Device plate that will accept standard 20 amperes duplex receptacle or duplex Turnlok receptacle. For use in the center compartment only. Devices supplied by others.	20.10	5.71
26 05 33 16-0306	EA	Device Mounting Plate (Wiremold 6MAAP) Note: Device plate that will accept up to six (6) Extron® Electronics MAAP style plates. For use in the center compartment only. Devices supplied by others.	23.93	5.71
26 05 33 16-0307	EA	Device Mounting Plate (Wiremold 6MAAP2A) Note: Combination device plate that will accept up to three (3) Extron® Electronics MAAP style plates, and up to two (2) ports of communication devices. For use in the center compartment only. Devices supplied by others.	23.66	5.71
26 05 33 16-0308	EA	Mosaic Mounting Plate (Wiremold 6MOS)..... Note: Device plate will accept two (2) standard [45mm x 45mm] or one (1) standard [45mm x 90mm] Mosaic style device(s). Devices supplied by others.	24.26	5.71
26 05 33 16-0309	EA	Device Mounting Plate (Wiremold 6S1) Note: Receptacle opening 1 3/8". For 6" poke-thru units only.	19.78	5.71
26 05 33 16-0310	EA	Device Mounting Plate (Wiremold 6S2) Note: Receptacle opening 1 9/16". For 6" poke-thru units only.	19.80	5.71

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0311 EA Device Mounting Plate (Wiremold 6SER).....	19.51	5.71
Note: Device plate that will accept up to four (4) Ortronics® Series II dual modular inserts. For use in the center compartment only. Devices supplied by others.		
26 05 33 16-0312 EA Device Mounting Plate (Wiremold 6TRAC).....	19.51	5.71
Note: Device plate that will accept up to eight (8) Ortronics® TracJack devices. For use in the center compartment only. Devices supplied by others.		
26 05 33 16-0313 EA 20 Amperes, Duplex Receptacles (Wiremold 68REC).....	47.94	8.57
Note: Two (2) proprietary 20 amperes duplex power receptacles with mounting plates. Designed to fit in either of the two side compartments in both the 6ATC and the 8ATC Series Poke-Thru Devices. Receptacle can be wired as a standard or isolated ground device.		
26 05 33 16-0314 EA Device Mounting Plate (Wiremold 68B).....	17.77	5.71
Note: Blank plate. Used to blank off either of the side compartments when no devices or cabling are to be used.		
26 05 33 16-0315 EA Device Mounting Plate (Wiremold 68MAAP).....	18.25	5.71
Note: Device plate that will accept up to two (2) Extron® Electronics MAAP device plates. For use in either of the two side compartments only. Not for use in the center compartment. Extron Devices supplied by others.		
26 05 33 16-0316 EA 20 Amperes, Duplex Receptacles (Wiremold 68REC-25).....	153.78	10.28
Note: Two (2) proprietary 20 amperes duplex power receptacles with mounting plates and 25' leads. Designed to fit in either of the two side compartments in both the 6ATC and the 8ATC Series Poke-Thru Devices. Receptacle can be wired as a standard or isolated		
26 05 33 16-0317 EA Device Mounting Plate (Wiremold 682A).....	23.36	5.71
Note: Device plate that will accept up to two (2) ports of communication devices. For use in either of the two side compartments only. Not for use in the center compartment. Communication devices supplied by others.		
26 05 33 16-0318 EA Bottom Housing Assembly (Wiremold 5PTHA).....	24.38	5.71
Note: Half-gang pass through housing assembly. Designed to allow pass through of communication cables when no conduit is required. For use on side compartments only.		
26 05 33 16-0319 EA Bottom Housing Assembly (Wiremold 5BLH).....	25.11	5.71
Note: Half-gang blank housing assembly. Designed to blank off compartment when no cable pass through is required. For use on side compartments only. Includes tunnels for 6" and 8" poke-thru devices.		
26 05 33 16-0320 EA Bottom Housing Assembly (Wiremold 152CHA).....	38.08	11.43
Note: One and a half-gang 2" trade size conduit housing assembly. Recommended for use with furniture feed devices (6ATCFF). Covers the center compartment and one of the side compartments.		
26 05 33 16-0321 EA Bottom Housing Assembly (Wiremold 575CHA).....	43.42	14.28
Note: Half-gang 3/4" trade size conduit housing assembly. Includes junction box attached to 3/4" trade size conduit for electrical power connections. For use on side compartments only.		
26 05 33 16-0322 EA Bottom Housing Assembly (Wiremold 175CHA).....	48.15	14.28
Note: One-gang 3/4" trade size conduit housing assembly. Includes junction box attached to 3/4" trade size conduit for electrical power connections.		
26 05 33 16-0323 EA Bottom Housing Assembly (Wiremold 1125CHA).....	36.48	11.43
Note: One-gang 1 1/4" trade size conduit housing assembly.		
26 05 33 16-0324 EA Bottom Housing Assembly (Wiremold 1PTHA).....	24.21	5.71
Note: One-gang pass through housing assembly. Designed to allow pass through of communication cables when no conduit is required.		
26 05 33 16-0325 EA Bottom Housing Assembly (Wiremold 1BLH).....	24.21	5.71
Note: One-gang blank housing assembly. Designed to blank off compartment when no cable pass through is required.		
26 05 33 16-0326 EA Bottom Housing Assembly (Wiremold 15FFHA).....	25.57	5.71
Note: One and a half-gang pass through conduit housing assembly. Used for furniture feed applications on the center compartment only. Only for use with 6AT Series units.		
26 05 33 16-0327 EA Bottom Housing Assembly (Wiremold 1BHA).....	26.49	5.71
Note: One-gang bottom housing assembly. Designed to accept 175CHA, 1125CHA, 1PTHA, and 1BLH plates.		
26 05 33 16-0328 Evolution 8AT Poke Thru Units <small>(26 05 33 16-0284)</small>		
Note: Excludes concrete drilling.		
26 05 33 16-0329 EA Recessed Prewired Assembly With Surface Style Cover (Wiremold 8ATCP).....	1,168.09	45.71
Note: For carpet, tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.		
26 05 33 16-0330 EA Recessed Prewired Assembly With Flush Style Cover (Wiremold 8ATP).....	1,111.35	45.71
Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" [83mm] below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.		
26 05 33 16-0331 EA Recessed Prewired Assembly With Flush Style Cover (Wiremold 8AT2P).....	1,180.93	45.71
Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" [83mm] below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.		
26 05 33 16-0332 EA Recessed Assembly With Surface Style Cover (Wiremold 8ATC).....	1,100.68	45.71
Note: For carpet, tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.		
26 05 33 16-0333 EA Recessed Assembly With Flush Style Cover (Wiremold 8AT).....	1,090.55	45.71
Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.		
26 05 33 16-0334 EA Recessed Assembly With Disposable Plate (Wiremold 8STC).....	655.92	42.85
Note: Includes 8" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 8CTC and 8CT Series.		
26 05 33 16-0335 EA Recessed Prewired Assembly With Disposable Plate (Wiremold 8STCP).....	735.84	42.85
Note: Includes 8" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 8CTC and 8CT Series.		
26 05 33 16-0336 EA 8" Pre-Pour Poke-Thru Sleeve (Wiremold 8PPS).....	184.24	22.85
Note: Nonmetallic sleeve attaches to structural decking and maintains 8"-8 1/8" diameter cast in core hole. Unit includes three (3) attachment legs, two (2) end caps and three (3) thumb screws.		
26 05 33 16-0337 EA Surface Style Cover Assembly (Wiremold 8CTC).....	388.76	11.43
Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. 8CTC Series Cover Assemblies designed for use with 8STC and 8STCP Poke-Thru Stem Assemblies.		

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
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26 05 33 16-0338	EA	Flush Style Cover Assembly (Wiremold 8CT).....	388.76	11.43
		Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. 8CTC Series Cover Assemblies designed for use with 8STC and 8STCP Poke-Thru Stem Assemblies. Includes one (1) 8TS Tile Shim.		
26 05 33 16-0339	EA	Tile Shim (Wiremold 8TS).....	67.21	2.86
		Note: Used for floor coverings greater than 5/16". The 8TS will allow the top surface of the cover to be flush with the finished floor. Includes: two (2) 1/8" thick shims and two (2) 1/16" thick shims. Up to a total of 3/8" [9.5mm] of adjustment.		
26 05 33 16-0340	EA	Device Mounting Plate (Wiremold 8B).....	20.98	5.71
		Note: Singlegang device plate used to blank off any one (1) of the three (3) gangs in the center compartment, when no devices are used.		
26 05 33 16-0341	EA	Device Mounting Plate (Wiremold 8DP).....	21.11	5.71
		Note: Singlegang device plate that accepts standard 20 amperes duplex receptacle or a duplex Turnlok receptacle. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.		
26 05 33 16-0342	EA	Device Mounting Plate (Wiremold 8DEC).....	21.25	5.71
		Note: Singlegang device plate that will accept Decorator style devices such as 20 amperes receptacles, GGCI, 106 adapters or A/V devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.		
26 05 33 16-0343	EA	Device Mounting Plate (Wiremold 8ACT6A).....	24.80	5.71
		Note: Singlegang device plate that will accept up to six (6) ports of communication devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.		
26 05 33 16-0344	EA	Mosaic Mounting Plate (Wiremold 8MOS).....	30.25	5.71
		Note: Device plate accepts three (3) standard Mosaic devices. Devices supplied by others.		
26 05 33 16-0345	EA	Crestron Double Gang Plate (Wiremold 8CREST).....	30.20	5.71
		Note: Device plate accepts Crestron double-gang decorator style devices.		
26 05 33 16-0346	EA	Device Mounting Plate (Wiremold 8S1).....	20.32	5.71
		Note: Receptacle opening 1 3/8". For 8" poke-thru units only.		
26 05 33 16-0347	EA	Device Mounting Plate (Wiremold 8S2).....	20.59	5.71
		Note: Receptacle opening 1 9/16". For 8" poke-thru units only.		
26 05 33 16-0348	EA	Device Mounting Plate (Wiremold 8TRAC).....	20.32	5.71
		Note: Singlegang device plate that will accept up to six (6) Ortronics TraJack devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.		
26 05 33 16-0349	EA	Device Mounting Plate (Wiremold 8SER).....	20.32	5.71
		Note: Singlegang device plate that will accept up to three (3) Ortronics Series II dual modular inserts. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.		
26 05 33 16-0350	EA	Device Mounting Plate (Wiremold 8MAAP).....	29.76	5.71
		Note: Singlegang device plate that will accept up to four (4) Extron® Electronics MAAP style plates. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.		
26 05 33 16-0351	EA	Device Mounting Plate (Wiremold 8AAP).....	24.64	5.71
		Note: Two-gang device plate that will accept up to four (4) Extron® Electronics AAP style plates. 8AAP takes up 2 of the 3 gangs in the center compartment. Devices supplied by others.		
26 05 33 16-0352	EA	8" Divider (Wiremold 8DIV).....	28.56	5.71
		Note: Divider allows for separation of services when required.		
26 05 33 16-0353	EA	Bottom Housing Assembly (Wiremold 22CHA).....	38.08	11.43
		Note: Two-gang 2" trade size conduit housing assembly. Used on 8AT Series devices. Covers two (2) of the three (3) gangs in the center compartment. Only for use with 8AT Series units.		

26 05 33 23 Surface Raceways for Electrical Systems (26 05 33)**26 05 33 23-0001 Raceways (26 05 33 23)****26 05 33 23-0002 Wireway With Screw Cover (26 05 33 23-0001)**

Note: Also known as wire trough. Galvanized steel construction. Mounted exposed on flat wall surface.

26 05 33 23-0003 2-1/2" x 2-1/2", Wireway With Screw Cover (26 05 33 23-0002)

26 05 33 23-0004	LF	2-1/2" x 2-1/2", NEMA 1, Surface Mounted Wireway With Screw Cover.....	26.68	5.22
		For Combination Hinged Screw Cover, Add	0.81	
		For Concrete Or Masonry Surface, Add	0.52	
26 05 33 23-0005	EA	2-1/2" x 2-1/2", End Plate For Surface Mounted Wireway With Screw Cover.....	21.55	7.83
		For Combination Hinged Screw Cover, Add	0.29	
26 05 33 23-0006	EA	2-1/2" x 2-1/2", Coupling For Surface Mounted Wireway With Screw Cover.....	25.41	9.76
		For Combination Hinged Screw Cover, Add	0.29	
26 05 33 23-0007	EA	2-1/2" x 2-1/2", Panel Adapter For Surface Mounted Wireway With Screw Cover.....	53.80	18.27
		For Combination Hinged Screw Cover, Add	0.86	
26 05 33 23-0008	EA	2-1/2" x 2-1/2", Elbow For Surface Mounted Wireway With Screw Cover.....	88.18	18.27
		For Combination Hinged Screw Cover, Add	2.58	
26 05 33 23-0009	EA	2-1/2" x 2-1/2", Tee For Surface Mounted Wireway With Screw Cover.....	130.77	25.99
		For Combination Hinged Screw Cover, Add	3.94	
26 05 33 23-0010	EA	2-1/2" x 2-1/2", Cross For Surface Mounted Wireway With Screw Cover.....	146.86	28.71
		For Combination Hinged Screw Cover, Add	4.47	

26 05 33 23-0011 4" x 4", Wireway With Screw Cover (26 05 33 23-0002)

26 05 33 23-0012	LF	4" x 4", NEMA 1, Surface Mounted Wireway With Screw Cover.....	32.65	6.58
		For Combination Hinged Screw Cover, Add	0.98	
		For Concrete Or Masonry Surface, Add	0.65	
26 05 33 23-0013	LF	4" x 4", NEMA 3R, Surface Mounted Wireway With Screw Cover.....	59.32	6.58
		For Combination Hinged Screw Cover, Add	2.31	
		For Concrete Or Masonry Surface, Add	0.65	
26 05 33 23-0014	EA	4" x 4", End Plate For Surface Mounted Wireway With Screw Cover.....	17.62	5.75
		For Combination Hinged Screw Cover, Add	0.31	
26 05 33 23-0015	EA	4" x 4", Coupling For Surface Mounted Wireway With Screw Cover.....	28.06	10.96
		For Combination Hinged Screw Cover, Add	0.31	
26 05 33 23-0016	EA	4" x 4", Panel Adapter For Surface Mounted Wireway With Screw Cover.....	63.43	22.34
		For Combination Hinged Screw Cover, Add	0.94	
26 05 33 23-0017	EA	4" x 4", Elbow For Surface Mounted Wireway With Screw Cover.....	101.24	22.34
		For Combination Hinged Screw Cover, Add	2.83	
26 05 33 23-0018	EA	4" x 4", Tee For Surface Mounted Wireway With Screw Cover.....	143.72	29.02
		For Combination Hinged Screw Cover, Add	4.28	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0019 EA 4" x 4", Cross For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	165.97 4.91	33.93
26 05 33 23-0020 6" x 6", Wireway With Screw Cover (26 05 33 23-0002)		
26 05 33 23-0021 LF 6" x 6", NEMA 1, Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	49.06 1.67 0.78	7.83
26 05 33 23-0022 LF 6" x 6", NEMA 3R, Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	95.83 4.01 0.78	7.83
26 05 33 23-0023 EA 6" x 6", End Plate For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	22.41 0.49	6.27
26 05 33 23-0024 EA 6" x 6", Coupling For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	35.99 0.49	13.05
26 05 33 23-0025 EA 6" x 6", Panel Adapter For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	90.30 1.92	25.99
26 05 33 23-0026 EA 6" x 6", Elbow For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	130.22 3.92	25.99
26 05 33 23-0027 EA 6" x 6", Tee For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	205.62 7.04	32.47
26 05 33 23-0028 EA 6" x 6", Cross For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	222.58 7.37	37.58
26 05 33 23-0029 8" x 8", Wireway With Screw Cover (26 05 33 23-0002)		
26 05 33 23-0030 LF 8" x 8", NEMA 1, Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	79.65 3.13 0.85	8.56
26 05 33 23-0031 LF 8" x 8", NEMA 3R, Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	146.25 6.46 0.85	8.56
26 05 33 23-0032 EA 8" x 8", End Plate For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	24.69 0.56	6.79
26 05 33 23-0033 EA 8" x 8", Coupling For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	39.31 0.56	14.09
26 05 33 23-0034 EA 8" x 8", Panel Adapter For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	100.80 2.18	28.61
26 05 33 23-0035 EA 8" x 8", Elbow For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	165.64 5.42	28.61
26 05 33 23-0036 EA 8" x 8", Tee For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	247.72 8.86	35.29
26 05 33 23-0037 EA 8" x 8", Cross For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	346.59 13.05	42.80
26 05 33 23-0038 10" x 10", Wireway With Screw Cover (26 05 33 23-0002)		
26 05 33 23-0039 LF 10" x 10", NEMA 1, Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	115.91 4.60 0.99	9.92
26 05 33 23-0040 LF 10" x 10", NEMA 3R, Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	206.04 9.31 0.99	9.92
26 05 33 23-0041 EA 10" x 10", End Plate For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	34.76 0.96	7.83
26 05 33 23-0042 EA 10" x 10", Coupling For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	50.41 0.96	15.66
26 05 33 23-0043 EA 10" x 10", Panel Adapter For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	135.28 3.65	31.10
26 05 33 23-0044 EA 10" x 10", Elbow For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	263.90 10.08	31.10
26 05 33 23-0045 EA 10" x 10", Tee For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	400.04 16.08	39.25
26 05 33 23-0046 EA 10" x 10", Cross For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	572.04 24.17	44.37
26 05 33 23-0047 12" x 12", Wireway With Screw Cover (26 05 33 23-0002)		
26 05 33 23-0048 LF 12" x 12", NEMA 1, Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	136.08 5.60 1.20	12.00
26 05 33 23-0049 LF 12" x 12", NEMA 3R, Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	226.65 10.13 1.20	12.00
26 05 33 23-0050 EA 12" x 12", End Plate For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	45.89 1.46	8.35
26 05 33 23-0051 EA 12" x 12", Coupling For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	62.60 1.46	16.70
26 05 33 23-0052 EA 12" x 12", Panel Adapter For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	178.23 5.52	33.93
26 05 33 23-0053 EA 12" x 12", Elbow For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	348.56 14.04	33.93
26 05 33 23-0054 EA 12" x 12", Tee For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	449.76 18.31	41.75
26 05 33 23-0055 EA 12" x 12", Cross For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	735.21 32.06	46.98

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26 05 33 23-0056	Surface Metal Raceways (26 05 33 23-0001)		
	Note: Exposed on flat wall surface.		
26 05 33 23-0057	One Piece Surface Metal Raceways (26 05 33 23-0056)		
	Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal).		
26 05 33 23-0058	3/4" x 17/32" One Piece Surface Metal Raceways (Wiremold #500) (26 05 33 23-0057)		
	Note: Available in ivory.		
26 05 33 23-0059	LF 3/4" x 17/32" One Piece Surface Metal Raceway (Wiremold #500).....	4.83	1.56
	For Concrete Or Masonry Surface, Add	0.16	
26 05 33 23-0060	EA Bushing (Wiremold #502)	4.58	2.09
26 05 33 23-0061	EA One Or Two Hole Strap (Wiremold #504).....	4.63	2.09
26 05 33 23-0062	EA Connection Cover (Wiremold #506).....	4.82	2.09
26 05 33 23-0063	EA Flat 90 Degree Elbow (Wiremold #511).....	7.51	2.51
26 05 33 23-0064	EA Flat 45 Degree Elbow (Wiremold #512).....	12.93	2.61
26 05 33 23-0065	EA Adjustable Internal Elbow (Wiremold #517).....	9.38	3.13
26 05 33 23-0066	EA Adjustable External Elbow (Wiremold #518).....	9.15	3.13
26 05 33 23-0067	3/4" x 21/32" One Piece Surface Metal Raceways (Wiremold #700) (26 05 33 23-0057)		
	Note: Available in ivory and white.		
26 05 33 23-0068	LF 3/4" x 21/32" One Piece Surface Metal Raceway (Wiremold #700).....	6.04	2.09
	For Concrete Or Masonry Surface, Add	0.21	
26 05 33 23-0069	EA Bushing (Wiremold #702)	4.70	2.09
26 05 33 23-0070	EA One Or Two Hole Strap (Wiremold #704).....	4.86	2.09
26 05 33 23-0071	EA Connection Cover (Wiremold #706).....	4.90	2.09
26 05 33 23-0072	EA Flat 90 Degree Elbow (Wiremold #711).....	10.91	4.17
26 05 33 23-0073	EA Flat 45 Degree Elbow (Wiremold #712).....	17.69	4.17
26 05 33 23-0074	EA Adjustable Internal Elbow (Wiremold #717).....	11.83	4.17
26 05 33 23-0075	EA Adjustable External Elbow (Wiremold #718).....	11.40	4.17
26 05 33 23-0076	One Piece Surface Metal Raceways Fittings (Wiremold #500 And 700 Fittings) (26 05 33 23-0057)		
	Note: Available in ivory.		
26 05 33 23-0077	EA 18" Flex Fitting, For #500 Or 700 (Wiremold #5700F)	34.67	3.13
26 05 33 23-0078	EA Galvanized Coupling For #500 Or 700 (Wiremold #5701).....	4.84	2.09
26 05 33 23-0079	EA Supporting Clip, For #500 Or 700 (Wiremold #5703).....	4.84	2.09
26 05 33 23-0080	EA Ground Clamp (Wiremold #5709).....	14.72	3.13
26 05 33 23-0081	EA Grounding Connector (Wiremold #5709GC).....	12.32	3.13
26 05 33 23-0082	EA L Or R (Left Or Right) Twisted Internal Eli (Wiremold #5711).....	13.85	4.17
26 05 33 23-0083	EA Tee (Wiremold #5715).....	15.46	5.22
26 05 33 23-0084	EA 2-1/2" x 2-3/8" x 2-1/2" Corner Box (Wiremold #5719)	28.00	4.17
26 05 33 23-0085	EA Utility Box For #500 Or #700 (Wiremold #57242)	21.33	4.17
26 05 33 23-0086	EA 2-3/8" Diameter, Blank Cover (Wiremold #5731).....	11.37	2.61
26 05 33 23-0087	EA 3" Diameter, Outlet Box (Wiremold #5733).....	26.63	4.17
26 05 33 23-0088	EA 4-3/4" Square x 1-3/8" Deep, Distribution Box (Wiremold #5735).....	26.52	4.17
26 05 33 23-0089	EA 4-3/8" Blank Cover (Wiremold #5736)	12.09	2.61
26 05 33 23-0090	EA 4-3/4" Diameter, Extension Box/Open Base (Wiremold #5737).....	24.01	4.17
26 05 33 23-0091	EA 5-1/2" Diameter, Extension Box/Open Base (Wiremold #5737A)	23.14	4.17
26 05 33 23-0092	EA 4-3/4" Diameter, Fixture Box/Solid Base (Wiremold #5738)	23.34	4.17
26 05 33 23-0093	EA 5-1/2" Diameter, Fixture Box/Solid Base (Wiremold #5738A).....	23.34	4.17
26 05 33 23-0094	EA 5-1/2" Diameter, Fan Box/Solid Base (Wiremold #5738AF)	26.52	4.17
26 05 33 23-0095	EA 6-3/8" Diameter, Fixture Box/Solid Base (Wiremold #5739).....	26.19	4.17
26 05 33 23-0096	EA 6-3/8" Diameter, Extension Box/Open Base (Wiremold #5739A)	28.01	4.17
26 05 33 23-0097	EA Standard Switch Box For #500, Or #700 (Wiremold #57240).....	31.09	6.79
26 05 33 23-0098	EA Duplex Receptacle And Box, Ground, For #500 Or #700 (Wiremold #57243G)	48.66	13.05
26 05 33 23-0099	EA 2-13/16" x 4-5/8" x 1-3/8" Switch And Receptacle Box For Shallow Type Switches (Wiremold #5741).....	23.08	6.79
26 05 33 23-0100	EA 1 Gang, 4-5/8" x 2-7/8" x 2-3/4" Extra Deep Switch And Receptacle Box (Wiremold #5744)	37.52	6.79
26 05 33 23-0101	EA 2 Gang, 4-3/4" x 4-3/4" x 2-3/4" Extra Deep Switch And Receptacle Box (Wiremold #5744-2).....	43.26	6.79
26 05 33 23-0102	EA 3 Gang, 4-5/8" x 6-1/2" x 2-3/4" Extra Deep Switch And Receptacle Box (Wiremold #5744-3).....	66.56	6.79
26 05 33 23-0103	EA 1 Gang, Signal Box (Wiremold #5744S).....	34.10	5.75
26 05 33 23-0104	EA 2 Gang, Signal Box (Wiremold #5744S-2).....	38.23	5.75
26 05 33 23-0105	EA 3 Gang, Signal Box (Wiremold #5744S-3).....	62.18	5.75
26 05 33 23-0106	EA 4-5/8" x 2-7/8" x 1-3/4" Combination Switch And Receptacle Box With 1/2" KO's (Wiremold #5745).....	24.18	6.79
26 05 33 23-0107	EA 4-5/8" x 2-7/8" x 1-3/8", 1 Gang, Shallow Switch And Receptacle Box For Standard Shallow Devices (Wiremold #5747)	21.05	6.79
26 05 33 23-0108	EA 4-3/4" x 4-3/4" x 1-3/8", 2 Gang, Shallow Switch And Receptacle Box For Standard Shallow Devices (Wiremold #5747-2).....	30.31	6.79
26 05 33 23-0109	EA 4-5/8" x 6-1/2" x 2-3/4", 3 Gang, Shallow Switch And Receptacle Box For Standard Shallow Devices (Wiremold #5747-3).....	60.60	6.79
26 05 33 23-0110	EA 4-5/8" x 2-7/8" x 1-3/4", 1 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748)	22.62	6.79
26 05 33 23-0111	EA 4-3/4" x 4-3/4" x 1-3/4", 2 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-2)	32.19	6.79
26 05 33 23-0112	EA 4-5/8" x 6-1/2" x 1-3/4", 3 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-3)	58.86	6.79
26 05 33 23-0113	EA 4-5/8" x 8-11/32" x 1-3/4", 4 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-4)	88.19	6.79
26 05 33 23-0114	EA 4-5/8" x 10-5/32" x 1-3/4", 5 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-5)	146.53	6.79
26 05 33 23-0115	EA 4-5/8" x 11-31/32" x 1-3/4", 6 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-6)	149.14	6.79
26 05 33 23-0116	EA 4-3/8" x 2-7/8" x 15/16" Shallow Switch And Receptacle Box For Shallow Duplex Devices (Wiremold #5748-S).....	22.32	6.79
26 05 33 23-0117	EA 4-5/8" x 2-7/8" x 15/16", 1 Gang, Flush-Type Extension Adapter (Wiremold #5751)	21.65	6.79
26 05 33 23-0118	EA 4-3/4" x 4-3/4" x 15/16", 2 Gang, Flush-Type Extension Adapter (Wiremold #5751-2).....	29.37	6.79
26 05 33 23-0119	EA 4-5/8" x 6-1/2" x 15/16", 3 Gang, Flush-Type Extension Adapter (Wiremold #5751-3).....	59.44	6.79
26 05 33 23-0120	EA 4-5/8" x 2-7/8" x 1-3/4", 1 Gang, Deep Flush-Type Extension Adapter (Wiremold #5751A).....	23.55	6.79
26 05 33 23-0121	EA 4-11/16" x 4-11/16" x 1-3/8", 2 Gang, Alarm Device Box (Wiremold #5752).....	30.99	6.79
26 05 33 23-0122	EA 4-11/16" x 4-11/16" x 2-3/4", 2 Gang, Extra Deep Alarm Device Box (Wiremold #5753).....	45.42	6.79

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 23-0123	EA		Blank Extension Box (Wiremold #5760)	15.72	2.61
26 05 33 23-0124	EA		1/2" Special Nipple (Wiremold #5780)	14.94	2.61
26 05 33 23-0125	EA		1/2" Box Connector (Wiremold #5781)	9.72	2.61
26 05 33 23-0126	EA		3/4" Box Connector (Wiremold #5781A)	18.79	3.13
26 05 33 23-0127	EA		1/2" Conduit Connector (Wiremold #5782)	9.81	2.61
26 05 33 23-0128	EA		3/4" Conduit Connector (Wiremold #5782A)	23.74	3.13
26 05 33 23-0129	EA		1/2" Elbow Conduit Connector (Wiremold #5784)	21.19	3.13
26 05 33 23-0130	EA		Combination Connector, To Any 3-1/4" Or 4" Outlet Box (Wiremold #5785)	11.43	3.13
26 05 33 23-0131	EA		Offset Connector (Wiremold #5786)	19.61	3.13
26 05 33 23-0132	EA		Armor Cable Connector (Wiremold #5790B)	9.97	2.61
26 05 33 23-0133	EA		1/2" Electrical Metallic Tubing (EMT) Connector, For #500 Or 700 (Wiremold #5791)	8.87	2.09

26 05 33 23-0134 1-9/16" x 11/32" One Piece Surface Metal Raceways (Wiremold #1500) (26 05

33 23-0057
Note: Galvanized finish.

26 05 33 23-0135	LF		1-9/16" x 11/32" One Piece Surface Metal Raceway (Wiremold #1500-10)	8.81	2.61
			<i>For Concrete Or Masonry Surface, Add</i>	0.26	
26 05 33 23-0136	EA		Wire Clip (Wiremold #1500WC)	5.36	2.09
26 05 33 23-0137	EA		Bushing (Wiremold #1502)	6.32	2.61
26 05 33 23-0138	EA		2-Hole Strap (Wiremold #1504)	7.11	3.13
26 05 33 23-0139	EA		Flat Elbow (Wiremold #1511)	28.05	9.92
26 05 33 23-0140	EA		Internal Elbow (Wiremold #1517)	29.07	9.92
26 05 33 23-0141	EA		Adapter Fitting (Wiremold #1517B)	31.44	9.92
26 05 33 23-0142	EA		External Elbow (Wiremold #1518)	31.24	9.92
26 05 33 23-0143	EA		Utility Box (Wiremold #1528)	28.77	6.79
26 05 33 23-0144	EA		Junction Box (Wiremold #1542D)	29.72	6.79
26 05 33 23-0145	EA		Duplex Receptacle (Wiremold #1543GL)	58.32	13.05
26 05 33 23-0146	EA		Single Receptacle Box (Wiremold #1546A)	30.66	6.79
26 05 33 23-0147	EA		Duplex Receptacle Box (Wiremold #1546B)	37.89	6.79
26 05 33 23-0148	EA		Telephone Box (Wiremold #1546T)	37.14	6.79
26 05 33 23-0149	EA		Combination Connection (Wiremold #1585)	17.99	3.13

26 05 33 23-0150 2-7/32" x 28/32" One Piece Surface Metal Raceways (Wiremold #2600) (26 05

33 23-0057
Note: Galvanized finish.

26 05 33 23-0151	LF		2-7/32" x 28/32" One Piece Surface Metal Raceway (Wiremold #2600-10)	15.17	4.69
			<i>For Concrete Or Masonry Surface, Add</i>	0.47	
26 05 33 23-0152	EA		Wire Clip (Wiremold #2600WC)	5.56	2.09
26 05 33 23-0153	EA		Fiber Bushing (Wiremold #2602)	6.33	2.09
26 05 33 23-0154	EA		2-5/8", 90 Degree Flat Elbow (Wiremold #2611)	24.58	3.65
26 05 33 23-0155	EA		5" Diameter, Junction Box (Wiremold #2642D)	36.91	5.22
26 05 33 23-0156	EA		Service Fitting (Wiremold #2686FO)	35.62	6.27

26 05 33 23-0157 Two Piece Surface Metal Raceways (26 05 33 23-0056)

Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal).

26 05 33 23-0158 1-9/32" x 3/4" Two Piece Surface Metal Raceways (Wiremold #2000) (26 05 33 23-

0157

26 05 33 23-0159	LF		1-9/32" x 3/4" Two Piece Surface Metal Raceway Base And Cover (Wiremold #2000BC)	8.72	2.61
			<i>For Concrete Or Masonry Surface, Add</i>	0.26	
26 05 33 23-0160	EA		Wire Clip (Wiremold #2000WC)	4.03	2.09
26 05 33 23-0161	EA		Coupling (Wiremold #2001)	10.53	2.61
26 05 33 23-0162	EA		Supporting Clip (Wiremold #2003)	5.42	1.56
26 05 33 23-0163	EA		Cover Clip (Wiremold #2006)	4.98	1.56
26 05 33 23-0164	EA		Ground Clamp (Wiremold #2009)	13.58	2.61
26 05 33 23-0165	EA		Entrance End Fitting (Wiremold #2010A2)	25.67	7.83
26 05 33 23-0166	EA		Entrance End Fitting (Wiremold #2010A3)	45.23	10.44
26 05 33 23-0167	EA		Blank End Fitting (Wiremold #2010B)	6.56	2.61
26 05 33 23-0168	EA		Flat 90 Degree Elbow (Wiremold #2011)	22.04	6.79
26 05 33 23-0169	EA		Tee (Wiremold #2015)	41.61	9.82
26 05 33 23-0170	EA		Internal Corner Coupling (Wiremold #2017TC)	13.75	5.22
26 05 33 23-0171	EA		Single Gang Device Box (Wiremold #2048)	33.79	9.29
26 05 33 23-0172	EA		2-Gang device Box (Wiremold #2048-2)	55.27	10.34
26 05 33 23-0173	EA		Flush Plate Adapter (Wiremold #2051H)	36.50	10.34
26 05 33 23-0174	EA		Side Reducing Connector (Wiremold #2089)	31.63	5.22
26 05 33 23-0175	EA		#2089E End Reducing Connector	12.84	2.61

26 05 33 23-0176 1-7/8" x 7/8" Two Piece Surface Metal Raceways (Wiremold #2400) (26 05 33 23-

0157
Note: Available in gray enamel (G) or ivory (V).

26 05 33 23-0177	LF		1-7/8" x 7/8" Two Piece Surface Metal Raceway Base (Wiremold #2400B)	7.25	2.61
			<i>For Concrete Or Masonry Surface, Add</i>	0.26	
26 05 33 23-0178	LF		1-7/8" x 7/8" Divided Two Piece Surface Metal Raceway Base (Wiremold #2400BD)	8.06	2.61
			<i>For Concrete Or Masonry Surface, Add</i>	0.26	
26 05 33 23-0179	LF		Raceway Cover (Wiremold #2400C)	3.12	0.52
26 05 33 23-0180	EA		Wire Clip (Wiremold #2400WC)	4.02	2.09
26 05 33 23-0181	EA		Coupling (Wiremold #2401)	10.41	2.61
26 05 33 23-0182	EA		Divided Raceway Coupling (Wiremold #2401D)	9.11	2.61
26 05 33 23-0183	EA		Cover Clip (Wiremold #2406)	4.99	1.56
26 05 33 23-0184	EA		Device Bracket Frame (Wiremold #2407-2CM)	38.84	7.83
26 05 33 23-0185	EA		Device Bracket Frame (Wiremold #2407-2TJ)	37.06	7.83
26 05 33 23-0186	EA		Ground Clamp (Wiremold #2409)	10.37	2.09
26 05 33 23-0187	EA		End Fitting (Wiremold #2410A)	24.33	7.83

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 23-0188	EA	Blank End (Wiremold #2410B).....	6.61	2.61
26 05 33 23-0189	EA	Divided Blank End Fitting (Wiremold #2410BD)	6.71	2.61
26 05 33 23-0190	EA	Entrance End Fitting (Wiremold #2410C)	38.67	7.83
26 05 33 23-0191	EA	Divided Entrance End Fitting (Wiremold #2410D)	36.95	7.83
26 05 33 23-0192	EA	Divided Entrance End Fitting (Wiremold #2410DFO)	62.64	7.83
26 05 33 23-0193	EA	Full Cap Entrance End Fitting (Wiremold #2410FC).....	47.23	7.83
26 05 33 23-0194	EA	Divided Flat 90 Degree Elbow (Wiremold #2411D)	27.66	7.83
26 05 33 23-0195	EA	Radiused Divided Flat 90 Degree Elbow (Wiremold #2411DFO)	46.27	7.83
26 05 33 23-0196	EA	Radiused Flat 90 Degree Elbow (Wiremold #2411FO).....	41.12	7.72
26 05 33 23-0197	EA	Flat 90 Degree Elbow (Wiremold #2411M).....	26.22	7.83
26 05 33 23-0198	EA	Radiused Divided Tee (Wiremold #2415DFO).....	49.90	7.72
26 05 33 23-0199	EA	Radiused Tee (Wiremold #2415FO)	47.29	7.72
26 05 33 23-0200	EA	Tee (Wiremold #2415M).....	31.71	7.72
26 05 33 23-0201	EA	Divided Internal Coupling (Wiremold #2417D).....	25.91	7.72
26 05 33 23-0202	EA	Radiused Divided Internal Coupling (Wiremold #2417DFO).....	42.56	7.72
26 05 33 23-0203	EA	Radiused Internal Coupling (Wiremold #2417FO)	41.20	7.72
26 05 33 23-0204	EA	Radiused Divided External Coupling (Wiremold #2418DFO).....	46.56	7.72
26 05 33 23-0205	EA	Radiused External Coupling (Wiremold #2418FO).....	45.75	7.72
26 05 33 23-0206	EA	Internal Coupling (Wiremold #2417M)	25.00	7.72
26 05 33 23-0207	EA	External Coupling (Wiremold #2418M)	31.11	7.72
26 05 33 23-0208	EA	1 Gang, Extra Deep Switch And Receptacle (Wiremold #2444)	42.47	6.79
26 05 33 23-0209	EA	2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #2444-2).....	47.47	6.79
26 05 33 23-0210	EA	Over Raceway, Extra Deep Switch And Receptacle Box, 2 Gang (Wiremold #2444-2LS).....	47.72	6.79
26 05 33 23-0211	EA	Divided, 1 Gang, Extra Deep Switch And Receptacle (Wiremold #2444D).....	45.62	6.79
26 05 33 23-0212	EA	Divided, 2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #2444D-2A).....	65.58	6.79
26 05 33 23-0213	EA	Divided, Over Raceway, 2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #2444D-2N).....	57.37	6.79
26 05 33 23-0214	EA	4-5/8" x 2-7/8" x 1-3/4", 1 Gang, Switch And Receptacle Box For Shallow Devices (Wiremold #2448)	28.87	6.79
26 05 33 23-0215	EA	4-3/4" x 4-3/4" x 1-3/4", 2 Gang, Switch And Receptacle Box For Shallow Devices (Wiremold #2448-2)	46.36	6.79
26 05 33 23-0216	EA	Device Bracket Type Adapter Plate (Wiremold #2450).....	14.01	2.61
26 05 33 23-0217	EA	4-1/2" x 4-1/2" Back Feed Fitting (Wiremold #2451H)	32.52	7.83
26 05 33 23-0218	EA	Bridge Fitting For 2400/700/500 (Wiremold #2475D)	103.53	7.83
26 05 33 23-0219	EA	Side Reducing Connector (Wiremold #2489).....	29.30	4.17

26 05 33 23-0220 2-3/4" x 1-17/32" Two Piece Surface Metal Raceways (Wiremold #3000) (26 05

26 05 33 23-0221	LF	2-3/4" x 1-17/32" Two Piece Surface Metal Raceway Base (Wiremold #3000B).....	13.75	4.69
		<i>For Concrete Or Masonry Surface, Add</i>	<i>0.47</i>	
26 05 33 23-0222	LF	Raceway Cover (Wiremold #3000CE).....	3.30	0.52
26 05 33 23-0223	EA	Wire Clips For Conductors (Wiremold #3000WC)	5.26	2.09
26 05 33 23-0224	EA	Couplings (Wiremold #3001)	13.57	2.09
26 05 33 23-0225	EA	Rigid Inside Coupling (Wiremold #3001A)	13.56	2.61
26 05 33 23-0226	EA	Supporting Clip (Wiremold #3003).....	9.96	2.61
26 05 33 23-0227	EA	Clip Cover (Wiremold #3006E).....	5.68	2.09
26 05 33 23-0228	EA	Device Brackets (Wiremold #3007C).....	14.78	4.17
26 05 33 23-0229	EA	C-Hanger (Wiremold #3008C)	14.77	3.13
26 05 33 23-0230	EA	Entrance End Fitting For Connecting To 1/2" Conduit Or Armored Connectors (Wiremold #3010AE).....	34.23	9.92
26 05 33 23-0231	EA	Blank End Fittings (Wiremold #3010B).....	12.49	4.17
26 05 33 23-0232	EA	Entrance End Fitting For Connecting To Rigid Or Flexible Conduit (Wiremold #3010C).....	37.98	9.92
26 05 33 23-0233	EA	Flat 90 Degree Elbow (Wiremold #3011E).....	57.20	12.94
26 05 33 23-0234	EA	Wall Box Connector (Wiremold #3014C).....	40.58	13.05
26 05 33 23-0235	EA	Tee Fitting (Wiremold #3015E).....	78.74	16.18
26 05 33 23-0236	EA	Internal Corner Coupling (Wiremold #3017TCE)	37.09	9.92
26 05 33 23-0237	EA	External Corner (Wiremold #3018AE).....	45.91	9.92
26 05 33 23-0238	EA	Single Receptacle Cover With Face Diameters Of 1.38"-1.4" (Wiremold #3027AE)	32.59	9.92
26 05 33 23-0239	EA	Utility Box (Wiremold #3028)	55.66	9.92
26 05 33 23-0240	EA	Single Receptacle Cover With Face Diameters Of 1.56"-1.57" (Wiremold #3033JE).....	18.01	2.61
26 05 33 23-0241	EA	Blank Cover (Wiremold #3036HE).....	19.72	2.61
26 05 33 23-0242	EA	Switch Cover (Wiremold #3040CE).....	17.96	2.61
26 05 33 23-0243	EA	Duplex Receptacle Cover (Wiremold #3043BE).....	20.87	3.13
26 05 33 23-0244	EA	15 Amperes, 125 Volt Duplex Grounding Receptacle And Cover (Wiremold #3043GE)	53.91	13.57
26 05 33 23-0245	EA	2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #3044-2).....	62.75	9.92
26 05 33 23-0246	EA	Duplex Receptacle Cover (Wiremold #3046BE).....	18.06	3.13
26 05 33 23-0247	EA	Tap Off Fitting (Wiremold #3046H-2).....	20.57	2.61
26 05 33 23-0248	EA	1-15/16" Deep x 6" Long, Circuit Breaker Housing (Wiremold #3046KD).....	82.03	6.27
26 05 33 23-0249	EA	2-3/4" Deep x 7-3/8" Long, Circuit Breaker Housing (Wiremold #3046KTSQ).....	202.21	6.27
26 05 33 23-0250	EA	1-13/16" Deep x 7-3/8" Long, Circuit Breaker Housing (Wiremold #3046QOU)	71.25	6.27
26 05 33 23-0251	EA	1-13/16" Deep x 7-15/16" Long x 2-13/16" Wide, Bump Up Device Plate Cover (Wiremold #3046S)	77.22	6.27
26 05 33 23-0252	EA	1-13/32" Deep x 7-15/16" Long x 2-13/16" Wide, Bump Up Device Plate Cover (Wiremold #3046U).....	77.22	6.27
26 05 33 23-0253	EA	Rectangular Receptacle Cover (Wiremold #3048R).....	24.31	3.13

26 05 33 23-0254 4-3/4" x 1-3/4" Two Piece Surface Metal Raceways (Wiremold #4000) (26 05 33

26 05 33 23-0255	LF	4-3/4" x 1-3/4" Two Piece Surface Metal Raceway Base (Wiremold #4000B-10).....	17.01	4.69
		<i>For Concrete Or Masonry Surface, Add</i>	<i>0.51</i>	
26 05 33 23-0256	LF	Raceway Cover (Wiremold #4000C).....	6.08	0.52
26 05 33 23-0257	LF	Divider (Wiremold #4000D).....	2.92	0.52
26 05 33 23-0258	EA	Wire Clips For Conductors (Wiremold #4000WC)	6.56	2.61
26 05 33 23-0259	EA	Couplings (Wiremold #4001A)	16.99	3.13
26 05 33 23-0260	EA	Divider Clip (Wiremold #4001D)	7.90	3.13
26 05 33 23-0261	EA	Seam Clip (Wiremold #4006).....	8.05	3.13
26 05 33 23-0262	EA	Single Device Fitting (Wiremold #4007C-1R)	34.43	6.79
26 05 33 23-0263	EA	Blank End Fittings (Wiremold #4010B).....	18.15	4.17

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 23-0264	EA	Entrance End Fitting (Wiremold #4010DFO)	69.68	16.07
26 05 33 23-0265	EA	Flat 90 Degree Elbow (Wiremold #4011)	65.01	13.05
26 05 33 23-0266	EA	Radiused Flat 90 Degree Elbow (Wiremold #4011FO)	77.08	13.05
26 05 33 23-0267	EA	Internal Or External 45 Degree Elbow (Wiremold #4012TX)	70.55	16.18
26 05 33 23-0268	EA	Wall Box Connector (Wiremold #4014A)	94.68	16.18
26 05 33 23-0269	EA	Tee Fitting (Wiremold #4015)	105.28	16.18
26 05 33 23-0270	EA	Divided Tee Fitting (Wiremold #4015D)	109.54	16.18
26 05 33 23-0271	EA	Radiused Full Capacity Divided Tee Fitting (Wiremold #4015DFO)	131.20	16.18
26 05 33 23-0272	EA	Radiused Tee Fitting (Wiremold #4015FO)	131.61	16.18
26 05 33 23-0273	EA	Internal Elbow (Wiremold #4017)	56.96	16.18
26 05 33 23-0274	EA	Internal Elbow (Wiremold #4017FO)	103.41	16.18
26 05 33 23-0275	EA	Inverted Internal Elbow (Wiremold #4017N)	63.35	16.18
26 05 33 23-0276	EA	Internal Corner Coupling (Wiremold #4017TCA)	53.58	16.18
26 05 33 23-0277	EA	External Elbow (Wiremold #4018)	85.98	16.18
26 05 33 23-0278	EA	Radiused External Elbow (Wiremold #4018FO)	100.09	16.18
26 05 33 23-0279	EA	Single Locking Receptacle And Two RJ11/45 Modular Connectors Outlet Cover (Wiremold #4046ARJ)	85.53	6.79
26 05 33 23-0280	EA	Double Duplex Receptacle Outlet Cover (Wiremold #4046B-2)	90.75	6.79
26 05 33 23-0281	EA	Duplex Receptacle And Two RJ11/45 Modular Connector Cover (Wiremold #4046DRJ)	90.75	6.79
26 05 33 23-0282	EA	Double Duplex Receptacle And Four RJ11/45 Modular Connector Cover (Wiremold #4046DRJ-2)	121.62	6.79
26 05 33 23-0283	EA	Tap-Off Fitting (Wiremold #4046H-2)	24.84	6.79
26 05 33 23-0284	EA	Combination Single Receptacle And Phone Outlet Center (Wiremold #4046JRJ)	78.23	3.13
26 05 33 23-0285	EA	Rectangular Receptacle And Two RJ11/45 Modular Connector Cover (Wiremold #4046RRJ)	92.91	6.79
26 05 33 23-0286	EA	1 Gang Device Plate (Wiremold #G4047C-1)	24.84	6.79
26 05 33 23-0287	EA	2 Gang Device Plate (Wiremold #G4047C-2)	29.10	6.79
26 05 33 23-0288	EA	Device Mounting Bracket (Wiremold #4050)	28.27	5.22
26 05 33 23-0289	EA	#4000 To #3000 Take-off Connector (Wiremold #4074A)	133.24	16.18
26 05 33 23-0290	EA	Bridge Fitting (Wiremold #4075D)	119.86	16.18
26 05 33 23-0291	EA	Bridge Fitting (Wiremold #4075DA)	119.86	16.18
26 05 33 23-0292	EA	Panel Connector (Wiremold #4086A)	94.14	30.79
26 05 33 23-0293	EA	Reducing Connector Fitting (Wiremold #4089)	58.29	16.18

26 05 33 23-0294 4-3/4" x 3-9/16" Two Piece Surface Metal Raceways (Wiremold #6000) (26 05

33 23-0157
Note: Available in gray enamel (G) or ivory (V).

26 05 33 23-0295	LF	4-3/4" x 3-9/16" Two Piece Surface Metal Raceway Base (Wiremold #6000B-10)	24.52	5.75
		<i>For Concrete Or Masonry Surface, Add</i>	0.57	
26 05 33 23-0296	LF	Raceway Cover (Wiremold #6000C)	7.07	1.56
26 05 33 23-0297	LF	Divider (Wiremold #6000DA)	7.46	1.56
26 05 33 23-0298	EA	Wire Clips For Conductors (Wiremold #6000WC)	7.45	2.61
26 05 33 23-0299	EA	Couplings (Wiremold #6001A)	20.44	5.22
26 05 33 23-0300	EA	Divider Clip (Wiremold #6001D)	9.47	2.61
26 05 33 23-0301	EA	Converter Coupling (Wiremold #6001TX)	26.27	6.79
26 05 33 23-0302	EA	Connection Cover (Wiremold #6006)	24.92	6.79
26 05 33 23-0303	EA	Single Gang Device Plate (Wiremold #6007C-1)	26.15	6.79
26 05 33 23-0304	EA	Two Gang Device Plate (Wiremold #6007C-2)	28.66	6.79
26 05 33 23-0305	EA	C-Hanger (Wiremold #6008A)	41.65	9.92
26 05 33 23-0306	EA	Blank End Fittings (Wiremold #6010B)	44.66	15.66
26 05 33 23-0307	EA	Combination Flat Elbow (Wiremold #6011TX)	84.53	15.66
26 05 33 23-0308	EA	Internal-External 45 Degree Elbow (Wiremold #6012TX)	86.01	15.03
26 05 33 23-0309	EA	Connector Fitting (Wiremold #6014A)	123.01	16.18
26 05 33 23-0310	EA	Combination Internal-External Elbow (Wiremold #6017TX)	87.50	17.75
26 05 33 23-0311	EA	Circuit Breaker Housing (Wiremold #6046KD)	153.12	17.75
26 05 33 23-0312	EA	#6000 To #6000 Take-off Connector (Wiremold #6074)	147.83	15.66
26 05 33 23-0313	EA	#6000 To #4000 Take-off Connector (Wiremold #6074A)	160.01	15.66
26 05 33 23-0314	EA	Panel Connector (Wiremold #6086)	95.59	36.33

26 05 33 23-0315 Two Piece Surface Aluminum Raceways (26 05 33 23-0056)

Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal).

26 05 33 23-0316 1-7/16" x 1-1/8" Two Piece Surface Aluminum Raceways (Wiremold #AL2000) (26 05 33 23-0315)

26 05 33 23-0317	LF	1-7/16" x 1-1/8" Two Piece Surface Aluminum Raceway Base (Wiremold #AL2000B)	11.43	2.61
		<i>For Concrete Or Masonry Surface, Add</i>	0.26	
26 05 33 23-0318	LF	Aluminum Raceway Cover (Wiremold #AL2000C)	5.97	0.52
26 05 33 23-0319	EA	Wire Clip (Wiremold #AL2000WC)	5.44	2.09
26 05 33 23-0320	EA	Coupling (Wiremold #AL2001)	11.59	2.61
26 05 33 23-0321	EA	Supporting Clip (Wiremold #AL2003)	5.92	1.56
26 05 33 23-0322	EA	Cover Clip (Wiremold #AL2006)	7.66	1.56
26 05 33 23-0323	EA	Ground Clamp (Wiremold #AL2009)	10.84	2.61
26 05 33 23-0324	EA	Entrance End Fitting (Wiremold #AL2010A)	30.12	7.83
26 05 33 23-0325	EA	Blank End Fitting (Wiremold #AL2010B)	9.71	2.61
26 05 33 23-0326	EA	Flat 90 Degree Elbow (Wiremold #AL2011)	35.69	6.79
26 05 33 23-0327	EA	Tee (Wiremold #AL2015)	48.18	9.82
26 05 33 23-0328	EA	Internal Corner Elbow (Wiremold #AL2017)	32.64	5.22
26 05 33 23-0329	EA	External Corner Elbow (Wiremold #AL2018)	32.56	5.22
26 05 33 23-0330	EA	2 To 15 Amperes, In-Line Receptacle (Wiremold #AL2043)	52.61	10.34
26 05 33 23-0331	EA	4-13/16" Round Fixture Box (Wiremold #AL2038)	126.93	9.29
26 05 33 23-0332	EA	4-1/2" x 3" x 2-1/4" D Box (Wiremold #AL2044)	54.65	9.29
26 05 33 23-0333	EA	4-5/8" x 4-7/8" x 2-1/2" D Box (Wiremold #AL2044-2)	116.27	10.34
26 05 33 23-0334	EA	Single Gang Shallow Device Box (Wiremold #AL2047)	56.71	9.29
26 05 33 23-0335	EA	2-Gang Shallow Device Box (Wiremold #AL2047-2)	102.37	10.34
26 05 33 23-0336	EA	Flush Plate Adapter (Wiremold #AL2051H)	41.82	10.34

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
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26 05 33 23-0337		2" x 1-9/32" Two Piece Surface Aluminum Raceways (Wiremold #AL2400)		
26 05 33 23-0338	LF	2" x 1-9/32" Two Piece Surface Aluminum Raceway Base (Wiremold #AL2400B).....	12.99	2.61
		<i>For Concrete Or Masonry Surface, Add</i>	0.26	
26 05 33 23-0339	LF	Aluminum Raceway Cover (Wiremold #AL2400C).....	6.21	0.52
26 05 33 23-0340	EA	Wire Clip (Wiremold #AL2400WC).....	7.68	2.09
26 05 33 23-0341	EA	Coupling (Wiremold #AL2401).....	13.71	2.61
26 05 33 23-0342	EA	Cover Clip (Wiremold #AL2406).....	10.17	1.56
26 05 33 23-0343	EA	Ground Clamp (Wiremold #AL2409).....	8.88	2.09
26 05 33 23-0344	EA	Blank End (Wiremold #AL2410B).....	10.90	2.61
26 05 33 23-0345	EA	End Fitting (Wiremold #AL2410B2).....	22.55	7.83
26 05 33 23-0346	EA	Flat 90 Degree Elbow (Wiremold #AL2411).....	43.51	7.83
26 05 33 23-0347	EA	Tee (Wiremold #AL2415).....	47.73	7.72
26 05 33 23-0348	EA	Fourway Fitting (Wiremold #AL2416).....	56.57	7.72
26 05 33 23-0349	EA	Internal Coupling (Wiremold #AL2417).....	43.36	7.72
26 05 33 23-0350	EA	External Coupling (Wiremold #AL2418).....	46.91	7.72
26 05 33 23-0351	EA	4-1/2" x 4-1/2" Back Feed Fitting (Wiremold #AL2451H).....	38.51	7.83
26 05 33 23-0352		2-7/8" x 1-7/8" Two Piece Surface Aluminum Raceways (Wiremold #AL3300) (26 05 33 23-0315)		
26 05 33 23-0353	LF	2-7/8" x 1-7/8" Two Piece Surface Aluminum Raceway Base (Wiremold #AL3300B).....	21.25	4.69
		<i>For Concrete Or Masonry Surface, Add</i>	0.47	
26 05 33 23-0354	LF	Aluminum Raceway Cover (Wiremold #AL3300CE).....	6.42	0.52
26 05 33 23-0355	LF	Raceway Divider (Wiremold #AL3300D).....	5.28	4.69
26 05 33 23-0356	EA	Wire Clips For Conductors (Wiremold #AL3300WC).....	10.21	2.09
26 05 33 23-0357	EA	Couplings (Wiremold #AL3301).....	18.23	2.09
26 05 33 23-0358	EA	Divider Coupling (Wiremold #AL3301D).....	15.41	2.61
26 05 33 23-0359	EA	Ground Clamp (Wiremold #AL3309).....	10.30	2.09
26 05 33 23-0360	EA	Blank End Fittings (Wiremold #AL3310B).....	21.46	4.17
26 05 33 23-0361	EA	End Fitting (Wiremold #AL3310B1).....	34.27	9.92
26 05 33 23-0362	EA	Flat 90 Degree Elbow (Wiremold #AL3311).....	107.48	12.94
		Note: Includes two (2) AL3301 couplings.		
26 05 33 23-0363	EA	Tee Fitting (Wiremold #AL3315).....	123.05	16.18
		Note: Includes three (3) AL3301 couplings.		
26 05 33 23-0364	EA	Cross Fitting (Wiremold #AL3316).....	139.57	16.18
		Note: Includes four (4) AL3301 couplings.		
26 05 33 23-0365	EA	Internal Elbow (Wiremold #AL3317).....	101.13	9.92
		Note: Includes two (2) AL3301 couplings.		
26 05 33 23-0366	EA	External Elbow (Wiremold #AL3318).....	101.24	9.92
		Note: Includes two (2) AL3301 couplings.		
26 05 33 23-0367	EA	Duplex Receptacle Cover (Wiremold #AL3346D).....	22.27	3.13
26 05 33 23-0368	EA	Single Receptacle Cover (Wiremold #AL3346E).....	22.13	3.13
26 05 33 23-0369	EA	GFCI/Surge Receptacle Cover (Wiremold #AL3346G).....	21.89	3.13
26 05 33 23-0370	EA	Single Device Cover Plate (Wiremold #AL3356R).....	22.00	2.61
26 05 33 23-0371		5" x 2" Two Piece Surface Aluminum Raceways (Wiremold #AL5200) (26 05 33 23-0315)		
26 05 33 23-0372	LF	5" x 2" Two Piece Surface Aluminum Raceway Base (Wiremold #AL5200B-10).....	23.15	4.69
		<i>For Concrete Or Masonry Surface, Add</i>	0.51	
26 05 33 23-0373	LF	Aluminum Raceway Cover (Wiremold #AL5200C).....	9.27	0.52
26 05 33 23-0374	LF	Divider (Wiremold #AL5200D).....	5.47	0.52
26 05 33 23-0375	EA	Wire Clips For Conductors (Wiremold #AL5200WC).....	7.63	2.61
26 05 33 23-0376	EA	Wire Clips For Conductors (Wiremold #AL5200WC2).....	6.47	2.61
26 05 33 23-0377	EA	Wire Clips For Conductors (Wiremold #AL5200WC3).....	6.43	2.61
26 05 33 23-0378	EA	Couplings (Wiremold #AL5201).....	15.34	3.13
26 05 33 23-0379	EA	Cover Clip (Wiremold #AL5206).....	13.33	3.13
26 05 33 23-0380	EA	Ground Adapter (Wiremold #AL5209).....	16.80	3.13
26 05 33 23-0381	EA	Blank End Fittings (Wiremold #AL5210B).....	17.53	4.17
26 05 33 23-0382	EA	Blank End Fittings (Wiremold #AL5210B1).....	18.74	4.17
26 05 33 23-0383	EA	Blank End Fittings (Wiremold #AL5210B2).....	19.00	4.17
26 05 33 23-0384	EA	Blank End Fittings (Wiremold #AL5210B3).....	18.46	4.17
26 05 33 23-0385	EA	Flat 90 Degree Elbow (Wiremold #AL5211).....	94.20	13.05
		Note: Includes two (2) pairs of AL5201 couplings.		
26 05 33 23-0386	EA	Wall Box Connector (Wiremold #AL5214).....	75.58	16.18
26 05 33 23-0387	EA	Tee Fitting (Wiremold #AL5215).....	110.46	16.18
		Note: Includes three (3) pairs of AL5201 couplings.		
26 05 33 23-0388	EA	Four Way Fitting (Wiremold #AL5216).....	120.78	16.18
		Note: Includes four (4) pairs of AL5201 couplings.		
26 05 33 23-0389	EA	Internal Elbow (Wiremold #AL5217).....	98.45	16.18
		Note: Includes two (2) pairs of AL5201 couplings.		
26 05 33 23-0390	EA	Internal Corner Coupling (Wiremold #AL5217A).....	44.11	16.18
26 05 33 23-0391	EA	Inverted Internal Elbow (Wiremold #AL5217N).....	101.07	16.18
26 05 33 23-0392	EA	External Elbow (Wiremold #AL5218).....	99.26	16.18
		Note: Includes two (2) pairs of AL5201 couplings.		
26 05 33 23-0393	EA	Blank Device Cover Plate (Wiremold #AL5246B).....	21.20	3.13
26 05 33 23-0394	EA	Receptacle Device Cover Plate (Wiremold #AL5246D).....	24.98	3.13
26 05 33 23-0395	EA	Double Receptacle Device Cover Plate (Wiremold #AL5246DD).....	29.50	3.13
26 05 33 23-0396	EA	Device Cover Plate (Wiremold #AL5246F).....	27.71	3.13
26 05 33 23-0397	EA	Device Cover Plate (Wiremold #AL5246G).....	25.65	3.13
26 05 33 23-0398	EA	Offset Divider (Wiremold #AL5260).....	24.61	6.79
26 05 33 23-0399		3" x 2-1/4" Two Piece Surface Aluminum Raceways (Wiremold #ALA3800) (26 05 33 23-0315)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 23-0400	LF		Single Channel, 3" x 2-1/4" Two Piece Surface Aluminum Raceway Base (Wiremold #ALA3800B-10).....	20.75	4.69
26 05 33 23-0401	EA		Cover Clip (Wiremold #ALA3806).....	10.10	3.13
26 05 33 23-0402	EA		Blank End Fittings (Wiremold #ALA3810B).....	17.38	4.17
26 05 33 23-0403	EA		Entrance End Cap Fittings (Wiremold #ALA3810B1).....	18.60	4.17
26 05 33 23-0404	EA		Flat 90 Degree Elbow (Wiremold #ALA3811).....	93.25	13.05
			Note: Includes two (2) ALA01 couplings.		
26 05 33 23-0405	EA		Flat Tee Fitting (Wiremold #ALA3815).....	96.88	16.18
			Note: Includes three (3) ALA01 couplings.		
26 05 33 23-0406	EA		Internal Elbow (Wiremold #ALA3817).....	94.56	16.18
			Note: Includes two (2) ALA01 couplings.		
26 05 33 23-0407	EA		Inverted Internal Elbow (Wiremold #ALA3817N).....	110.60	16.18
			Note: Includes two (2) ALA01 couplings.		
26 05 33 23-0408	EA		External Elbow (Wiremold #ALA3818).....	95.75	16.18
			Note: Includes two (2) ALA01 couplings.		

26 05 33 23-0409 6" x 2-1/4" Two Piece Surface Aluminum Raceways (Wiremold #ALA4800)

26 05 33 23-0410	LF		Two Channel, 6" x 2-1/4" Two Piece Surface Aluminum Raceway Base (Wiremold #ALA4800B-10).....	32.52	4.69
26 05 33 23-0411	EA		Cover Clip (Wiremold #ALA4806).....	14.23	3.13
26 05 33 23-0412	EA		Blank End Fittings (Wiremold #ALA4810B).....	18.64	4.17
26 05 33 23-0413	EA		Entrance End Cap Fittings (Wiremold #ALA4810B2).....	20.67	4.17
26 05 33 23-0414	EA		Flat 90 Degree Elbow (Wiremold #ALA4811).....	119.07	13.05
			Note: Includes four (4) ALA01 couplings.		
26 05 33 23-0415	EA		Flat Tee Fitting (Wiremold #ALA4815).....	162.70	16.18
			Note: Includes six (6) ALA01 couplings.		
26 05 33 23-0416	EA		Internal Elbow (Wiremold #ALA4817).....	110.72	16.18
			Note: Includes four (4) ALA01 couplings.		
26 05 33 23-0417	EA		Inverted Internal Elbow (Wiremold #ALA4817N).....	129.88	16.18
			Note: Includes four (4) ALA01 couplings.		
26 05 33 23-0418	EA		External Elbow (Wiremold #ALA4818).....	116.12	16.18
			Note: Includes four (4) ALA01 couplings.		

26 05 33 23-0419 Two Piece Surface Aluminum Raceways Fittings (Wiremold #ALA3800 And #ALA4800)

See CSI section 26 27 26 00-0012 for receptacles.					
26 05 33 23-0420	LF		3" Wide Aluminum Raceway Cover (Wiremold #ALAC-5).....	7.00	0.52
			Note: For use with ALA3800 single channel raceway and ALA4800 dual channel raceway.		
26 05 33 23-0421	EA		Wire Clips (Wiremold #ALAWC).....	6.42	2.61
26 05 33 23-0422	EA		Slide Couplings (Wiremold #ALA01).....	16.21	3.13
26 05 33 23-0423	EA		Grounding Adapter (Wiremold #ALA09).....	13.96	3.13
26 05 33 23-0424	EA		Bend Radius Control Insert For Flat Elbow (Wiremold #ALA11RI).....	38.01	13.05
26 05 33 23-0425	EA		Internal Corner Coupling (Wiremold #ALA17A).....	45.45	16.18
26 05 33 23-0426	EA		Bend Radius Control Insert For Internal And External Elbow (Wiremold #ALA17/18RI).....	42.05	13.05
26 05 33 23-0427	EA		Blank Cover Plate (Wiremold #ALA-BL).....	17.16	3.13
26 05 33 23-0428	EA		Duplex Receptacle Cover Plate (Wiremold #ALA-DR).....	18.27	3.13
26 05 33 23-0429	EA		Single Receptacle Cover Plate, 1.40" Diameter Opening (Wiremold #ALA-E).....	19.00	3.13
26 05 33 23-0430	EA		Single Receptacle Cover Plate, 1.59" Diameter Opening (Wiremold #ALA-F).....	24.42	3.13
26 05 33 23-0431	EA		GFCI/ Surge/Decorator Cover Plate (Wiremold #ALA-G).....	18.41	3.13
26 05 33 23-0432	EA		Single Receptacle Cover Plate, 2.13" Diameter Opening (Wiremold #ALA-J).....	19.01	3.13
26 05 33 23-0433	EA		Toggle Switch Cover Plate (Wiremold #ALA-N).....	19.49	3.13
26 05 33 23-0434	EA		Active LPB Cover Plate (Wiremold #ALA-LPB).....	24.85	3.13
26 05 33 23-0435	EA		Active MAB Cover Plate (Wiremold #ALA-MAB).....	23.39	3.13
26 05 33 23-0436	EA		Ortronics Cover Plate (Wiremold #ALA-MABRT).....	26.88	3.13
26 05 33 23-0437	EA		1-3/4" x 2-3/4" Cover Plate (Wiremold #ALA-SG).....	23.27	3.13
26 05 33 23-0438	EA		Active 2A Cover Plate (Wiremold #ALA-2A).....	25.99	3.13
26 05 33 23-0439	EA		Ortronics Communications Cover Plate (Wiremold #ALA-ABRT).....	23.82	3.13
26 05 33 23-0440	EA		3/4" Grommet/Mousehole Cover Plate (Wiremold #ALA-Z).....	19.45	3.13
26 05 33 23-0441	EA		Ortronics Low Profile Cover Plate (Wiremold #ALA-LPB3S2).....	24.03	3.13

26 05 33 23-0442 Surface Non-Metallic Raceways

Note: Exposed on flat wall surface.

26 05 33 23-0443 One Piece Surface Non-Metallic Raceways

Note: Exposed on flat wall surface. (Wiremold or approved equal).

26 05 33 23-0444 7/8" x 7/16" One Piece Surface Non-Metallic Raceways (Wiremold #400)

26 05 33 23-0445	LF		7/8" x 7/16" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #400BAC).....	6.82	2.09
			<i>For Concrete Or Masonry Surface, Add</i>	0.21	
26 05 33 23-0446	EA		Wire Clip (Wiremold #400WC).....	4.73	2.09
26 05 33 23-0447	EA		Cover Clip (Wiremold #406).....	5.08	2.09
26 05 33 23-0448	EA		Blank End Clip (Wiremold #410B).....	9.65	4.17
26 05 33 23-0449	EA		Flat 90 Degree Elbow (Wiremold #411).....	11.85	4.17
26 05 33 23-0450	EA		Tee (Wiremold #415).....	14.95	5.22
26 05 33 23-0451	EA		Internal Elbow (Wiremold #417).....	11.57	4.17
26 05 33 23-0452	EA		External Elbow (Wiremold #418).....	11.57	4.17

26 05 33 23-0453 1-5/16" x 7/16" One Piece Surface Non-Metallic Raceways (Wiremold #800)

26 05 33 23-0454	LF		1-5/16" x 7/16" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #800BAC).....	7.19	2.09
			<i>For Concrete Or Masonry Surface, Add</i>	0.21	
26 05 33 23-0455	EA		Wire Clip (Wiremold #800WC).....	4.67	2.09
26 05 33 23-0456	EA		Cover Clip (Wiremold #806).....	4.78	2.09

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26 05 33 23-0457	EA	Entrance End Fitting (Wiremold #810A2).....	15.07	4.17
26 05 33 23-0458	EA	Blank End Fitting (Wiremold #810B).....	9.44	4.17
26 05 33 23-0459	EA	Flat 90 Degree Elbow (Wiremold #811).....	11.07	4.17
26 05 33 23-0460	EA	Tee (Wiremold #815).....	13.91	5.22
26 05 33 23-0461	EA	Internal Elbow (Wiremold #817).....	10.83	4.17
26 05 33 23-0462	EA	External Elbow (Wiremold #818).....	10.83	4.17
26 05 33 23-0463	EA	End Reducer, #800 To #400 (Wiremold #889A).....	12.36	4.17

26 05 33 23-0464 2-1/4" x 11/16" One Piece Surface Non-Metallic Raceways (Wiremold #2300)
(26 05 33 23-0443)

26 05 33 23-0465	LF	2-1/4" x 11/16" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2300BAC).....	8.31	2.09
		<i>For Concrete Or Masonry Surface, Add</i>	0.21	
26 05 33 23-0466	LF	2-1/4" x 11/16" One Piece Surface Non-Metallic Divided Raceway Base And Cover (Wiremold #2300BACD).....	8.87	2.09
		<i>For Concrete Or Masonry Surface, Add</i>	0.21	
26 05 33 23-0467	EA	Wire Clip (Wiremold #2300WC).....	4.91	2.09
26 05 33 23-0468	EA	Cover Clip (Wiremold #2306).....	5.20	2.09
26 05 33 23-0469	EA	Entrance End Fitting (Wiremold #2310A).....	16.34	4.17
26 05 33 23-0470	EA	Blank End Fitting (Wiremold #2310B).....	9.97	4.17
26 05 33 23-0471	EA	Divided Entrance End Fitting (Wiremold #2310DFO).....	18.51	4.17
26 05 33 23-0472	EA	Flat 90 Degree Elbow (Wiremold #2311).....	11.25	4.17
26 05 33 23-0473	EA	Divided Flat 90 Degree Elbow (Wiremold #2311DFO).....	12.17	4.17
26 05 33 23-0474	EA	Tee (Wiremold #2315).....	13.99	5.22
26 05 33 23-0475	EA	Internal Elbow (Wiremold #2317).....	11.25	4.17
26 05 33 23-0476	EA	Divided Internal Elbow (Wiremold #2317DFO).....	12.18	4.17
26 05 33 23-0477	EA	External Elbow (Wiremold #2318).....	11.28	4.17
26 05 33 23-0478	EA	Divided External Elbow (Wiremold #2318DFO).....	12.35	4.17
26 05 33 23-0479	EA	End Reducer, #2300 To #400 (Wiremold #2389).....	12.36	4.17
26 05 33 23-0480	EA	End Reducer, #2300 To #800 (Wiremold #2389A).....	12.95	4.17

26 05 33 23-0481 One Piece Surface Non-Metallic Raceway Fittings (Wiremold #400, #800 Or #2300)
(26 05 33 23-0443)

26 05 33 23-0482	EA	Blank Cover, 4-1/2" Diameter (Wiremold #2336).....	14.02	3.65
26 05 33 23-0483	EA	Extension Box, 5-1/2" Diameter (Wiremold #2337A).....	23.44	4.17
26 05 33 23-0484	EA	-A Fixture Box, 5-1/2" Diameter (Wiremold #233).....	23.58	4.17
26 05 33 23-0485	EA	Extra Deep Device Box, 1 Gang, 2-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2344).....	21.17	4.17
26 05 33 23-0486	EA	Extra Deep Device Box, 2 Gang, 2-3/4" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2344-2).....	24.71	4.17
26 05 33 23-0487	EA	Extra Deep Divided Device Box, 1 Gang, 2-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2344D).....	23.17	4.17
26 05 33 23-0488	EA	Deep Divided Device Box, 2 Gang, 2-1/4" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2344SD-2A).....	25.26	4.17
26 05 33 23-0489	EA	1-Gang Standard Device Box, 1-3/8" Deep x 4-3/4" Long x 3" Wide (Wiremold #2347).....	20.47	6.79
26 05 33 23-0490	EA	2-Gang Standard Device Box, 1-3/8" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2347-2).....	23.58	6.79
26 05 33 23-0491	EA	1-Gang Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348).....	21.38	6.79
26 05 33 23-0492	EA	2-Gang Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2348-2).....	26.06	6.79
26 05 33 23-0493	EA	3-Gang Deep Device Box, 1-3/4" Deep x 5" Long x 7" Wide (Wiremold #2348-3).....	31.51	6.79
26 05 33 23-0494	EA	1-Gang Deep Device Box With Magnetic Backing, 1-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348AMP).....	29.77	6.79
26 05 33 23-0495	EA	1-Gang Divided Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348D).....	26.81	6.79
26 05 33 23-0496	EA	Shallow Device And Extension Box, 7/8" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348S/51).....	20.00	6.79

26 05 33 23-0497 3/4" x 3/8" One Piece Surface Non-Metallic Raceways (Wiremold #2700)
(26 05 33 23-0443)

26 05 33 23-0498	LF	3/4" x 3/8" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2700).....	5.93	2.09
		<i>For Concrete Or Masonry Surface, Add</i>	0.21	
26 05 33 23-0499	EA	3/4" Wire Clip (Wiremold #2700WC).....	2.46	1.04
26 05 33 23-0500	EA	Cover Clip (Wiremold #2706).....	3.96	1.04
26 05 33 23-0501	EA	Blank End (Wiremold #2710B).....	6.03	2.09
26 05 33 23-0502	EA	Flat 90 Degree Elbow (Wiremold #2711).....	7.12	2.61
26 05 33 23-0503	EA	Tee (Wiremold #2715).....	11.32	4.69
26 05 33 23-0504	EA	Internal Elbow (Wiremold #2717).....	8.17	3.13
26 05 33 23-0505	EA	External Elbow (Wiremold #2718).....	8.16	3.13
26 05 33 23-0506	EA	Drop Ceiling Connector (Wiremold #2786).....	9.65	3.65

26 05 33 23-0507 1" x 1/2" One Piece Surface Non-Metallic Raceways (Wiremold #2800)
(26 05 33 23-0443)

26 05 33 23-0508	LF	1" x 1/2" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2800).....	7.44	2.61
		<i>For Concrete Or Masonry Surface, Add</i>	0.26	
26 05 33 23-0509	EA	1" Wire Clip (Wiremold #2800WC).....	3.61	1.56
26 05 33 23-0510	EA	Cover Clip (Wiremold #2806).....	4.92	1.56
26 05 33 23-0511	EA	Blank End (Wiremold #2810B).....	7.01	2.61
26 05 33 23-0512	EA	Flat 90 Degree Elbow (Wiremold #2811).....	9.19	3.65
26 05 33 23-0513	EA	Radiused Flat 90 Degree Elbow (Wiremold #2811FO).....	9.83	3.65
26 05 33 23-0514	EA	Tee (Wiremold #2815).....	13.36	5.75
26 05 33 23-0515	EA	Internal Elbow (Wiremold #2817).....	10.20	4.17
26 05 33 23-0516	EA	External Elbow (Wiremold #2818).....	10.23	4.17
26 05 33 23-0517	EA	Radiused Tee (Wiremold #2815FO).....	14.23	5.75
26 05 33 23-0518	EA	Radiused Internal Elbow (Wiremold #2817FO).....	10.99	4.17
26 05 33 23-0519	EA	Radiused External Elbow (Wiremold #2818FO).....	10.87	4.17
26 05 33 23-0520	EA	Drop Ceiling Connector (Wiremold #2886).....	11.52	4.69
26 05 33 23-0521	EA	Reducer, #2800 To #2700 (Wiremold #2889).....	10.38	4.17

26 05 33 23-0522 1-1/2" x 3/4" One Piece Surface Non-Metallic Raceways (Wiremold #2900)
(26 05 33 23-0443)

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 23-0523	LF	1-1/2" x 3/4" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2900) <i>For Concrete Or Masonry Surface, Add</i>	9.06 0.31	3.13
26 05 33 23-0524	EA	1-1/2" Wire Clip (Wiremold #2900WC)	4.76	2.09
26 05 33 23-0525	EA	Cover Clip (Wiremold #2906).....	6.11	2.09
26 05 33 23-0526	EA	Blank End (Wiremold #2910B).....	8.21	3.13
26 05 33 23-0527	EA	Flat 90 Degree Elbow (Wiremold #2911).....	10.30	4.17
26 05 33 23-0528	EA	Tee (Wiremold #2915).....	14.47	6.27
26 05 33 23-0529	EA	Radiused Tee (Wiremold #2915FO).....	15.52	6.27
26 05 33 23-0530	EA	Radiused Flat 90 Degree Elbow (Wiremold #2911FO).....	11.33	4.17
26 05 33 23-0531	EA	Internal Elbow (Wiremold #2917).....	11.35	4.69
26 05 33 23-0532	EA	Radiused Internal Elbow (Wiremold #2917FO).....	12.42	4.69
26 05 33 23-0533	EA	External Elbow (Wiremold #2918).....	11.34	4.69
26 05 33 23-0534	EA	Radiused External Elbow (Wiremold #2918FO).....	12.71	4.69
26 05 33 23-0535	EA	Drop Ceiling Connector (Wiremold #2986).....	11.52	4.69
26 05 33 23-0536	EA	Reducer, #2900 To #2800 (Wiremold #2989).....	12.80	5.22
26 05 33 23-0537	EA	Reducer, #2900 To #2700 (Wiremold #2989A).....	12.45	5.22

26 05 33 23-0538 Two Piece Surface Non-Metallic Raceways (26 05 33 23-0442)

Note: Exposed on flat wall surface. (Wiremold or approved equal).

26 05 33 23-0539 5" x 1" Two Piece Surface Non-Metallic Raceways (Wiremold #500) (26 05 33 23-0538)

26 05 33 23-0540	LF	5" x 1" Two Piece Surface Non-Metallic Raceway Base (Wiremold #5000B)..... <i>For Concrete Or Masonry Surface, Add</i>	14.44 0.47	4.69
26 05 33 23-0541	LF	Black, Gray Or White, Cover (Wiremold #5000C).....	13.67	4.69
26 05 33 23-0542	LF	Oak Veneer, Cover (Wiremold #5000COA).....	26.74	4.69
26 05 33 23-0543	LF	Maple Wood Veneer, Cover (Wiremold #5000CW).....	21.57	4.69
26 05 33 23-0544	LF	Black, Gray Or White, Quarter Round Trim (Wiremold #5000T).....	1.97	0.52
26 05 33 23-0545	LF	Oak Veneer, Quarter Round Trim (Wiremold #5000TOA).....	8.52	0.52
26 05 33 23-0546	LF	Maple Wood Veneer, Quarter Round Trim (Wiremold #5000TW).....	5.24	0.52
26 05 33 23-0547	EA	Base Coupling (Wiremold #5001).....	13.09	5.22
26 05 33 23-0548	EA	Blank/Coax Adapter (Wiremold #5004).....	7.41	2.61
26 05 33 23-0549	EA	Low Voltage Blank Plate (Wiremold #5005).....	10.00	3.13
26 05 33 23-0550	EA	Cover Clip (Wiremold #5006).....	14.19	5.22
26 05 33 23-0551	EA	Internal Wire Guard (Wiremold #5006A).....	13.19	5.22
26 05 33 23-0552	EA	Device Bracket (Wiremold #5007C).....	15.24	5.22
26 05 33 23-0553	EA	Device Plate (Wiremold #5007C-1).....	27.37	10.44
26 05 33 23-0554	EA	Deep Device Plate (Wiremold #5007C-2).....	28.42	10.44
26 05 33 23-0555	EA	Right Or Left End Cap (Wiremold #5010).....	23.63	9.92
26 05 33 23-0556	EA	Entrance End Feed (Wiremold #5010A).....	46.63	16.18
26 05 33 23-0557	EA	Internal Base Elbow (Wiremold #5017B).....	31.92	13.05
26 05 33 23-0558	EA	Internal Cover Elbow (Wiremold #5017C).....	29.12	10.44
26 05 33 23-0559	EA	Internal Elbow Wire Guard (Wiremold #5017WG).....	19.79	7.83
26 05 33 23-0560	EA	External Base Elbow (Wiremold #5018B).....	31.85	13.05
26 05 33 23-0561	EA	External Cover Elbow (Wiremold #5018C).....	29.40	10.44
26 05 33 23-0562	EA	External Elbow Wire Guard (Wiremold #5018WG).....	12.91	5.22

26 05 33 23-0563 5-1/4" x 1-11/16" Two Piece Surface Non-Metallic Raceways (Wiremold #5400) (26 05 33 23-0538)

26 05 33 23-0564	LF	5-1/4" x 1-11/16", Two Compartment, Two Piece Surface Non-Metallic Raceway Base (Wiremold #5400TB)..... <i>For Concrete Or Masonry Surface, Add</i>	15.56 0.47	4.69
26 05 33 23-0565	LF	Full Width Cover (Wiremold #5400C).....	5.56	0.52
26 05 33 23-0566	LF	Twin Snap Cover (Wiremold #5400TC).....	3.55	0.52
26 05 33 23-0567	EA	Twin Snap Cover Wire Clips (Wiremold #5400TWC).....	5.87	2.61
26 05 33 23-0568	EA	Cover Clip (Wiremold #5406A).....	10.10	3.13
26 05 33 23-0569	EA	Twin Cover Clip (Wiremold #5406T).....	8.44	3.13
26 05 33 23-0570	EA	Base Seam Clip (Wiremold #5406TB).....	7.50	3.13
26 05 33 23-0571	EA	L Or R (Left Or Right) Transition Fitting (Wiremold #5408).....	57.78	16.18
26 05 33 23-0572	EA	End Cap (Wiremold #5410).....	27.98	9.92
26 05 33 23-0573	EA	Radiused Divided Entrance Cap Fitting (Wiremold #5410DFO).....	55.39	16.18
26 05 33 23-0574	EA	Radiused Flat 90 Degree Elbow (Wiremold #5411FO).....	50.75	13.05
26 05 33 23-0575	EA	Tee Fitting (Wiremold #5415).....	58.37	16.18
26 05 33 23-0576	EA	Radiused Tee Fitting (Wiremold #5415FO).....	61.23	16.18
26 05 33 23-0577	EA	Radiused Internal Elbow (Wiremold #5417FO).....	47.87	16.18
26 05 33 23-0578	EA	External Elbow (Wiremold #5418).....	48.59	16.18
26 05 33 23-0579	EA	Radiused External Elbow (Wiremold #5418FO).....	49.25	16.18
26 05 33 23-0580	EA	5-5/32" x 6" Device Bracket (Wiremold #5450).....	23.56	5.22
26 05 33 23-0581	EA	7-19/32" x 7-1/2" Device Bracket (Wiremold #5450A3).....	31.37	5.22
26 05 33 23-0582	EA	2-1/2" x 4-7/8" Twin Snap Device Bracket (Wiremold #5450T).....	17.79	5.22
26 05 33 23-0583	EA	Transition Fitting (Wiremold #5474).....	50.59	16.18

26 05 33 23-0584 6-11/16" x 1-11/16" Two Piece Surface Non-Metallic Raceways (Wiremold #5500) (26 05 33 23-0538)

26 05 33 23-0585	LF	6-11/16" x 1-11/16", Three Compartment Divided, Two Piece Surface Non-Metallic Raceway Base (Wiremold #5500BD3)..... <i>For Concrete Or Masonry Surface, Add</i>	19.37 0.47	4.69
26 05 33 23-0586	LF	Cover (Wiremold #5500C).....	7.16	0.52
26 05 33 23-0587	EA	Wire Clips (Wiremold #5500WC).....	6.87	2.61
26 05 33 23-0588	EA	Cover Clip (Wiremold #5506).....	11.28	3.13
26 05 33 23-0589	EA	Base Seam Clip Fitting (Wiremold #5506B).....	7.90	3.13
26 05 33 23-0590	EA	Modular Furniture Adapter (Wiremold #5507AD).....	10.49	3.13
26 05 33 23-0591	EA	Blank Faceplate (Wiremold #5507B).....	10.54	3.13
26 05 33 23-0592	EA	Duplex Receptacle Faceplate (Wiremold #5507D).....	10.59	3.13

26 Electrical
26 05 Common Work Results for Electrical
26 05 33 Raceway and Boxes for Electrical Systems



MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 23-0593	EA	Dual RJ Connector Faceplate (Wiremold #5507FRJ).....	10.59	3.13
26 05 33 23-0594	EA	Rectangular Receptacle Faceplate (Wiremold #5507R).....	10.48	3.13
26 05 33 23-0595	EA	Dual RJ Connector Faceplate (Wiremold #5507RJ).....	10.51	3.13
26 05 33 23-0596	EA	Rectangular Spacer Fitting (Wiremold #5507S).....	10.42	3.13
26 05 33 23-0597	EA	Switch Faceplate (Wiremold #5507SW).....	10.45	3.13
26 05 33 23-0598	EA	Twistlock Faceplate (Wiremold #5507T1).....	10.54	3.13
26 05 33 23-0599	EA	Single Receptacle Faceplate (Wiremold #5507T2).....	10.31	3.13
26 05 33 23-0600	EA	6-5/8" x 6" Device Bracket (Wiremold #5550).....	27.86	5.22
26 05 33 23-0601	EA	9-5/8" x 7-1/2" Device Bracket (Wiremold #5550A4).....	37.67	5.22
26 05 33 23-0602	EA	End Cap (Wiremold #5510).....	30.23	9.92
26 05 33 23-0603	EA	Entrance End Fitting (Wiremold #5510D).....	62.63	16.18
26 05 33 23-0604	EA	Radiused Flat 90 Degree Elbow (Wiremold #5511FO).....	57.34	13.05
26 05 33 23-0605	EA	Backfeed Connector (Wiremold #5514A).....	45.76	13.05
26 05 33 23-0606	EA	Tee Fitting (Wiremold #5515).....	65.90	16.18
26 05 33 23-0607	EA	Radiused Internal Elbow (Wiremold #5517FO).....	52.48	16.18
26 05 33 23-0608	EA	External Elbow (Wiremold #5518).....	53.82	16.18
26 05 33 23-0609	EA	Radiused External Elbow (Wiremold #5518FO).....	56.65	16.18
26 05 33 23-0610	EA	Transition Fitting (Wiremold #5574).....	51.13	16.18
26 05 33 23-0611	EA	Transition Fitting (Wiremold #5574A).....	69.45	16.18

26 05 33 23-0612 Surface Cable Protection System (26 05 33 23)

26 05 33 23-0613	EA	35-1/2" Long x 18-9/16" Wide x 3" High, Three Channel, Heavy Duty Polyurethane, Surface Cable Protector (Yellow Jacket® CP-YJHD-3).....	599.02	
Note: Modular interlocking design with hinged lid.				
26 05 33 23-0614	EA	35-3/4" Long x 19-3/4" Wide x 1-7/8" High, Five Channel, Heavy Duty Polyurethane, Surface Cable Protector (Yellow Jacket® CP-YJHD-5).....	451.49	
Note: Modular interlocking design with hinged lid.				

26 05 36 Cable Trays for Electrical Systems (26 05)

26 05 36 00-0001 Cable Trays (26 05 36)

Note: Excludes supporting hangers.

26 05 36 00-0002 Ladder Bottom Galvanized Steel Cable Tray (26 05 36 00-0001)

26 05 36 00-0003 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray

(26 05 36 00-0002)

26 05 36 00-0004 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom

Galvanized Steel Cable Tray (26 05 36 00-0003)

26 05 36 00-0005	LF	6" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	39.57	10.97
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct			-3.04	
26 05 36 00-0006	LF	9" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	42.77	11.77
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct			-3.30	
26 05 36 00-0007	LF	12" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	46.77	12.68
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct			-3.62	
26 05 36 00-0008	LF	18" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	52.13	13.48
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct			-4.09	
26 05 36 00-0009	LF	24" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	57.30	13.94
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct			-4.57	
26 05 36 00-0010	LF	30" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	69.91	16.11
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct			-5.65	
26 05 36 00-0011	LF	36" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	78.42	18.39
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct			-6.31	

26 05 36 00-0012 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom

Galvanized Steel Cable Tray (26 05 36 00-0003)

26 05 36 00-0013	LF	6" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	37.28	10.75
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct			-2.83	
26 05 36 00-0014	LF	9" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	40.36	11.43
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct			-3.08	
26 05 36 00-0015	LF	12" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	43.06	12.46
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct			-3.27	
26 05 36 00-0016	LF	18" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	47.25	13.14
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct			-3.63	
26 05 36 00-0017	LF	24" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	51.00	13.60
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct			-3.97	
26 05 36 00-0018	LF	30" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	59.97	15.66
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct			-4.69	
26 05 36 00-0019	LF	36" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	65.53	17.14
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct			-5.12	

26 05 36 00-0020 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom

Galvanized Steel Cable Tray (26 05 36 00-0003)

26 05 36 00-0021	LF	6" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	35.90	10.62
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct			-2.71	
26 05 36 00-0022	LF	9" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	36.97	10.97
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct			-2.78	
26 05 36 00-0023	LF	12" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	40.77	11.66
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct			-3.11	
26 05 36 00-0024	LF	18" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	44.70	12.23
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct			-3.45	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0025 LF 24" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	48.51 -3.80	12.57
26 05 36 00-0026 LF 30" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	52.89 -4.15	13.71
26 05 36 00-0027 LF 36" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	56.81 -4.44	14.85
26 05 36 00-0028 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <small>(26 05 36 00-0003)</small>		
26 05 36 00-0029 LF 6" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	34.83 -2.63	10.17
26 05 36 00-0030 LF 9" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	35.56 -2.69	10.39
26 05 36 00-0031 LF 12" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	37.67 -2.86	10.97
26 05 36 00-0032 LF 18" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	39.91 -3.03	11.54
26 05 36 00-0033 LF 24" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	41.62 -3.20	11.54
26 05 36 00-0034 LF 30" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	46.03 -3.57	12.46
26 05 36 00-0035 LF 36" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	48.48 -3.76	13.03
26 05 36 00-0036 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <small>(26 05 36 00-0003)</small>		
26 05 36 00-0037 LF 6" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	34.37 -2.61	9.94
26 05 36 00-0038 LF 9" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	34.96 -2.65	10.17
26 05 36 00-0039 LF 12" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	37.07 -2.81	10.75
26 05 36 00-0040 LF 18" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	38.93 -2.96	11.20
26 05 36 00-0041 LF 24" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	39.58 -3.02	11.32
26 05 36 00-0042 LF 30" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	42.05 -3.19	12.11
26 05 36 00-0043 LF 36" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	43.86 -3.32	12.80
26 05 36 00-0044 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings <small>(26 05 36 00-0002)</small>		
26 05 36 00-0045 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0046 EA 6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	305.95 -21.05	114.61
26 05 36 00-0047 EA 9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	341.69 -23.29	130.49
26 05 36 00-0048 EA 12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	375.53 -25.53	144.32
26 05 36 00-0049 EA 18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	470.04 -32.26	176.88
26 05 36 00-0050 EA 24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	535.60 -36.64	203.05
26 05 36 00-0051 EA 30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	640.10 -44.97	228.53
26 05 36 00-0052 EA 36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	738.35 -52.07	261.20
26 05 36 00-0053 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0054 EA 6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	435.96 -33.66	119.18
26 05 36 00-0055 EA 9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	472.96 -35.88	137.00
26 05 36 00-0056 EA 12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	507.66 -38.07	152.32
26 05 36 00-0057 EA 18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	589.12 -43.15	189.22

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 36 00-0058	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	659.66	219.50
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-47.68	
26 05 36 00-0059	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	734.66	249.09
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-52.71	
26 05 36 00-0060	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	860.61	288.52
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-62.02	
26 05 36 00-0061		36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0062	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	470.47	124.55
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.67	
26 05 36 00-0063	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	517.72	144.20
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.76	
26 05 36 00-0064	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	559.23	161.34
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.47	
26 05 36 00-0065	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	670.68	203.05
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.15	
26 05 36 00-0066	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	762.39	238.35
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.37	
26 05 36 00-0067	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	895.16	274.23
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-66.66	
26 05 36 00-0068	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,015.22	322.23
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-74.67	
26 05 36 00-0069		12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0070	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	227.85	83.06
		<i>For 60 Degree Bend, Deduct</i>	-43.36	
		<i>For 30 Degree Bend, Deduct</i>	-76.88	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.87	
26 05 36 00-0071	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	259.09	99.63
		<i>For 60 Degree Bend, Deduct</i>	-47.32	
		<i>For 30 Degree Bend, Deduct</i>	-84.40	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.61	
26 05 36 00-0072	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	287.19	114.27
		<i>For 60 Degree Bend, Deduct</i>	-50.97	
		<i>For 30 Degree Bend, Deduct</i>	-91.30	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.20	
26 05 36 00-0073	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	342.88	144.43
		<i>For 60 Degree Bend, Deduct</i>	-57.80	
		<i>For 30 Degree Bend, Deduct</i>	-104.36	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.26	
26 05 36 00-0074	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	426.23	176.88
		<i>For 60 Degree Bend, Deduct</i>	-72.85	
		<i>For 30 Degree Bend, Deduct</i>	-131.25	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.88	
26 05 36 00-0075	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	506.39	203.05
		<i>For 60 Degree Bend, Deduct</i>	-89.27	
		<i>For 30 Degree Bend, Deduct</i>	-160.06	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.72	
26 05 36 00-0076	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	572.54	238.35
		<i>For 60 Degree Bend, Deduct</i>	-97.56	
		<i>For 30 Degree Bend, Deduct</i>	-175.84	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.39	
26 05 36 00-0077		24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0078	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	255.93	85.70
		<i>For 60 Degree Bend, Deduct</i>	-51.62	
		<i>For 30 Degree Bend, Deduct</i>	-90.80	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.46	
26 05 36 00-0079	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	292.66	103.29
		<i>For 60 Degree Bend, Deduct</i>	-56.98	
		<i>For 30 Degree Bend, Deduct</i>	-100.70	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.66	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-080 EA 12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	333.87	119.29
<i>For 60 Degree Bend, Deduct</i>	-64.46	
<i>For 30 Degree Bend, Deduct</i>	-114.05	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.45	
26 05 36 00-081 EA 18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	392.66	152.32
<i>For 60 Degree Bend, Deduct</i>	-71.18	
<i>For 30 Degree Bend, Deduct</i>	-127.09	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.57	
26 05 36 00-082 EA 24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	483.24	189.22
<i>For 60 Degree Bend, Deduct</i>	-86.95	
<i>For 30 Degree Bend, Deduct</i>	-155.43	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.56	
26 05 36 00-083 EA 30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	566.56	219.50
<i>For 60 Degree Bend, Deduct</i>	-102.84	
<i>For 30 Degree Bend, Deduct</i>	-183.59	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.37	
26 05 36 00-084 EA 36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	665.46	261.32
<i>For 60 Degree Bend, Deduct</i>	-119.45	
<i>For 30 Degree Bend, Deduct</i>	-213.60	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.77	
26 05 36 00-085 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0044)		
26 05 36 00-086 EA 6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	309.80	88.44
<i>For 60 Degree Bend, Deduct</i>	-68.35	
<i>For 30 Degree Bend, Deduct</i>	-118.82	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.61	
26 05 36 00-087 EA 9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	350.57	107.41
<i>For 60 Degree Bend, Deduct</i>	-74.52	
<i>For 30 Degree Bend, Deduct</i>	-130.17	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.11	
26 05 36 00-088 EA 12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	382.99	124.66
<i>For 60 Degree Bend, Deduct</i>	-78.60	
<i>For 30 Degree Bend, Deduct</i>	-137.93	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.91	
26 05 36 00-089 EA 18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	458.83	161.34
<i>For 60 Degree Bend, Deduct</i>	-89.55	
<i>For 30 Degree Bend, Deduct</i>	-158.21	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.43	
26 05 36 00-090 EA 24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	539.25	203.05
<i>For 60 Degree Bend, Deduct</i>	-100.11	
<i>For 30 Degree Bend, Deduct</i>	-178.13	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.00	
26 05 36 00-091 EA 30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	656.52	238.35
<i>For 60 Degree Bend, Deduct</i>	-125.27	
<i>For 30 Degree Bend, Deduct</i>	-222.03	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-45.79	
26 05 36 00-092 EA 36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	769.33	288.52
<i>For 60 Degree Bend, Deduct</i>	-143.27	
<i>For 30 Degree Bend, Deduct</i>	-254.81	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-52.89	
26 05 36 00-093 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0044)		
26 05 36 00-094 EA 6" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	332.24	114.27
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.70	
26 05 36 00-095 EA 9" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	362.62	130.49
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.38	
26 05 36 00-096 EA 12" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	390.40	144.32
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.02	
26 05 36 00-097 EA 18" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	451.27	176.88
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.39	
26 05 36 00-098 EA 24" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	501.44	203.05
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.22	
26 05 36 00-099 EA 30" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	556.91	228.53
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.65	
26 05 36 00-100 EA 36" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	617.34	260.86
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.99	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0101			24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0102	EA		6" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	399.12	119.18
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.98	
26 05 36 00-0103	EA		9" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	433.89	137.11
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.96	
26 05 36 00-0104	EA		12" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	467.43	152.32
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.05	
26 05 36 00-0105	EA		18" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	540.22	189.22
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.26	
26 05 36 00-0106	EA		24" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	602.09	219.50
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.92	
26 05 36 00-0107	EA		30" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	664.57	249.09
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-45.70	
26 05 36 00-0108	EA		36" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	761.25	288.52
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-52.08	
26 05 36 00-0109			36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0110	EA		6" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	478.16	124.55
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.44	
26 05 36 00-0111	EA		9" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	520.79	144.32
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.06	
26 05 36 00-0112	EA		12" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	552.58	161.34
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.81	
26 05 36 00-0113	EA		18" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	644.87	203.05
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-47.56	
26 05 36 00-0114	EA		24" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	706.98	238.35
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.83	
26 05 36 00-0115	EA		30" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	809.10	274.23
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-58.06	
26 05 36 00-0116	EA		36" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	911.82	322.23
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-64.33	
26 05 36 00-0117			12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0118	EA		6" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	592.90	219.50
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.00	
26 05 36 00-0119	EA		9" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	641.39	238.35
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.27	
26 05 36 00-0120	EA		12" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	672.85	249.09
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.53	
26 05 36 00-0121	EA		18" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	751.99	274.23
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-52.35	
26 05 36 00-0122	EA		24" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	853.18	304.39
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-59.95	
26 05 36 00-0123	EA		30" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	951.56	322.80
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-68.26	
26 05 36 00-0124	EA		36" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,076.92	365.42
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-77.24	
26 05 36 00-0125			24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0126	EA		6" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	753.26	238.35
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-55.46	
26 05 36 00-0127	EA		9" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	808.37	261.32
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-59.06	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0128 EA 12" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	843.53	274.23
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-61.50	
26 05 36 00-0129 EA 18" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	924.38	304.39
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-67.07	
26 05 36 00-0130 EA 24" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,025.60	342.79
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-73.99	
26 05 36 00-0131 EA 30" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,104.04	365.42
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-79.95	
26 05 36 00-0132 EA 36" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,337.55	422.20
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-98.58	
26 05 36 00-0133 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0134 EA 6" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	967.70	261.32
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-75.00	
26 05 36 00-0135 EA 9" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,033.50	288.52
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-79.30	
26 05 36 00-0136 EA 12" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,097.27	304.39
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-84.36	
26 05 36 00-0137 EA 18" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,205.28	342.79
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-91.96	
26 05 36 00-0138 EA 24" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,367.51	391.35
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-104.14	
26 05 36 00-0139 EA 30" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,483.32	422.20
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-113.15	
26 05 36 00-0140 EA 36" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,667.77	498.19
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-125.26	
26 05 36 00-0141 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0142 EA 6" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	724.93	203.05
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-55.57	
26 05 36 00-0143 EA 9" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	741.66	211.04
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-56.58	
26 05 36 00-0144 EA 12" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	759.02	219.50
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-57.61	
26 05 36 00-0145 EA 18" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	797.34	238.35
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-59.87	
26 05 36 00-0146 EA 24" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	822.02	249.09
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-61.44	
26 05 36 00-0147 EA 30" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	890.99	274.23
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-66.25	
26 05 36 00-0148 EA 36" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	958.28	304.39
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-70.46	
26 05 36 00-0149 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0150 EA 6" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,064.13	219.50
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-88.13	
26 05 36 00-0151 EA 9" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,089.42	228.53
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-89.90	
26 05 36 00-0152 EA 12" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,116.01	238.35
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-91.74	
26 05 36 00-0153 EA 18" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,174.50	261.32
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-95.68	
26 05 36 00-0154 EA 24" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,216.44	274.23
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-98.79	
26 05 36 00-0155 EA 30" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,287.12	304.39
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-103.34	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 36 00-0156	EA	36" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,384.95	342.79
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-109.93	
26 05 36 00-0157		36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0158	EA	6" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,702.50	238.35
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-150.39	
26 05 36 00-0159	EA	9" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,737.35	249.09
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-152.98	
26 05 36 00-0160	EA	12" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,774.56	261.32
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-155.68	
26 05 36 00-0161	EA	18" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,836.97	288.52
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-159.65	
26 05 36 00-0162	EA	24" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,880.40	304.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-162.67	
26 05 36 00-0163	EA	30" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,995.18	342.79
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-170.95	
26 05 36 00-0164	EA	36" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,093.00	391.35
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-176.69	
26 05 36 00-0165		12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0166	EA	6" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	738.43	274.23
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.99	
26 05 36 00-0167	EA	9" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	775.85	288.52
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-53.54	
26 05 36 00-0168	EA	12" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	829.45	304.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-57.58	
26 05 36 00-0169	EA	18" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	890.53	322.80
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-62.16	
26 05 36 00-0170	EA	24" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,002.34	365.42
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-69.78	
26 05 36 00-0171	EA	30" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,123.42	391.35
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-79.73	
26 05 36 00-0172	EA	36" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,229.06	422.20
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-87.73	
26 05 36 00-0173		24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0174	EA	6" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,053.20	304.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-79.95	
26 05 36 00-0175	EA	9" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,100.72	322.80
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-83.17	
26 05 36 00-0176	EA	12" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,151.03	342.79
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-86.54	
26 05 36 00-0177	EA	18" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,226.09	365.42
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-92.16	
26 05 36 00-0178	EA	24" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,361.28	422.20
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-100.95	
26 05 36 00-0179	EA	30" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,463.52	457.05
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-108.26	
26 05 36 00-0180	EA	36" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,644.04	498.19
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-122.88	
26 05 36 00-0181		36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0182	EA	6" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,334.10	342.79
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-104.84	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0183 EA 9" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,405.76	365.42
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-110.12	
26 05 36 00-0184 EA 12" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,482.77	391.35
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-115.67	
26 05 36 00-0185 EA 18" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,618.93	422.20
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-126.71	
26 05 36 00-0186 EA 24" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,847.45	498.19
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-143.22	
26 05 36 00-0187 EA 30" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,014.45	547.55
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-155.81	
26 05 36 00-0188 EA 36" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,203.13	609.94
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-169.48	
26 05 36 00-0189 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0190 EA 6" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	865.05	274.23
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-63.65	
26 05 36 00-0191 EA 9" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	908.74	288.63
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-66.82	
26 05 36 00-0192 EA 12" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	974.29	304.39
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-72.06	
26 05 36 00-0193 EA 18" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,049.39	322.91
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-78.03	
26 05 36 00-0194 EA 24" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,179.30	365.42
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-87.48	
26 05 36 00-0195 EA 30" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,335.77	391.47
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-100.95	
26 05 36 00-0196 EA 36" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,464.66	421.63
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-111.33	
26 05 36 00-0197 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0198 EA 6" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,298.82	304.39
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-104.51	
26 05 36 00-0199 EA 9" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,353.97	322.80
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-108.50	
26 05 36 00-0200 EA 12" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,411.91	342.79
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-112.63	
26 05 36 00-0201 EA 18" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,503.74	365.42
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-119.92	
26 05 36 00-0202 EA 24" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,657.24	422.20
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-130.54	
26 05 36 00-0203 EA 30" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,779.31	457.05
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-139.84	
26 05 36 00-0204 EA 36" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,010.18	498.19
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-159.50	
26 05 36 00-0205 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0206 EA 6" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,677.35	342.79
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-139.17	
26 05 36 00-0207 EA 9" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,764.27	365.42
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-145.97	
26 05 36 00-0208 EA 12" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,856.54	391.35
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-153.04	
26 05 36 00-0209 EA 18" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,030.83	422.20
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-167.90	
26 05 36 00-0210 EA 24" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,305.12	498.19
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-188.99	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0211	EA		30" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,510.25	547.55
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-205.39	
26 05 36 00-0212	EA		36" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,737.08	609.94
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-222.88	
26 05 36 00-0213			6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings <small>(26 05 36 00-0002)</small>		
26 05 36 00-0214			12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0215	EA		6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	289.52	114.61
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.40	
26 05 36 00-0216	EA		9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	323.96	130.49
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.52	
26 05 36 00-0217	EA		12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	356.24	144.32
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.60	
26 05 36 00-0218	EA		18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	445.01	176.88
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.76	
26 05 36 00-0219	EA		24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	507.44	203.05
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.82	
26 05 36 00-0220	EA		30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	603.06	228.53
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.26	
26 05 36 00-0221	EA		36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	695.06	261.20
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-47.74	
26 05 36 00-0222			24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0223	EA		6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	402.06	119.18
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.27	
26 05 36 00-0224	EA		9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	438.02	137.00
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.38	
26 05 36 00-0225	EA		12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	471.41	152.32
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.45	
26 05 36 00-0226	EA		18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	550.00	189.22
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.24	
26 05 36 00-0227	EA		24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	617.67	219.50
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.48	
26 05 36 00-0228	EA		30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	689.02	249.09
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.14	
26 05 36 00-0229	EA		36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	806.36	288.52
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.59	
26 05 36 00-0230			36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0231	EA		6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	432.91	124.55
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.91	
26 05 36 00-0232	EA		9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	478.08	144.20
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.80	
26 05 36 00-0233	EA		12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	517.76	161.34
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.33	
26 05 36 00-0234	EA		18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	623.22	203.05
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-45.40	
26 05 36 00-0235	EA		24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	710.24	238.35
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.16	
26 05 36 00-0236	EA		30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	832.57	274.23
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-60.40	
26 05 36 00-0237	EA		36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	946.90	322.23
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-67.84	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 36 00-0238			12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		215.07	83.06
		<i>For 60 Degree Bend, Deduct</i>		-39.14	
		<i>For 30 Degree Bend, Deduct</i>		-69.85	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-14.59	
	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		245.79	99.63
		<i>For 60 Degree Bend, Deduct</i>		-42.93	
		<i>For 30 Degree Bend, Deduct</i>		-77.09	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-16.28	
	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		273.37	114.27
		<i>For 60 Degree Bend, Deduct</i>		-46.41	
		<i>For 30 Degree Bend, Deduct</i>		-83.70	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-17.82	
	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		328.27	144.43
		<i>For 60 Degree Bend, Deduct</i>		-52.98	
		<i>For 30 Degree Bend, Deduct</i>		-96.32	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-20.79	
	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		407.46	176.88
		<i>For 60 Degree Bend, Deduct</i>		-66.66	
		<i>For 30 Degree Bend, Deduct</i>		-120.92	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-26.01	
	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		482.40	203.05
		<i>For 60 Degree Bend, Deduct</i>		-81.35	
		<i>For 30 Degree Bend, Deduct</i>		-146.86	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-31.32	
	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		547.51	238.35
		<i>For 60 Degree Bend, Deduct</i>		-89.30	
		<i>For 30 Degree Bend, Deduct</i>		-162.08	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-34.89	
26 05 36 00-0246			24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		239.76	85.70
		<i>For 60 Degree Bend, Deduct</i>		-46.29	
		<i>For 30 Degree Bend, Deduct</i>		-81.91	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-16.84	
	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		275.45	103.29
		<i>For 60 Degree Bend, Deduct</i>		-51.30	
		<i>For 30 Degree Bend, Deduct</i>		-91.23	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-18.94	
	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		314.58	119.29
		<i>For 60 Degree Bend, Deduct</i>		-58.09	
		<i>For 30 Degree Bend, Deduct</i>		-103.44	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-21.52	
	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		372.84	152.32
		<i>For 60 Degree Bend, Deduct</i>		-64.64	
		<i>For 30 Degree Bend, Deduct</i>		-116.19	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-24.59	
	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		459.25	189.22
		<i>For 60 Degree Bend, Deduct</i>		-79.03	
		<i>For 30 Degree Bend, Deduct</i>		-142.23	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-30.16	
	EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		537.87	219.50
		<i>For 60 Degree Bend, Deduct</i>		-93.37	
		<i>For 30 Degree Bend, Deduct</i>		-167.81	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-35.50	
	EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		632.60	261.32
		<i>For 60 Degree Bend, Deduct</i>		-108.60	
		<i>For 30 Degree Bend, Deduct</i>		-195.52	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-41.49	
26 05 36 00-0254			36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
	EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		286.59	88.44
		<i>For 60 Degree Bend, Deduct</i>		-60.69	
		<i>For 30 Degree Bend, Deduct</i>		-106.06	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-21.29	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 36 00-0256	EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	326.06	107.41
		<i>For 60 Degree Bend, Deduct</i>	-66.43	
		<i>For 30 Degree Bend, Deduct</i>	-116.69	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.66	
26 05 36 00-0257	EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	357.96	124.66
		<i>For 60 Degree Bend, Deduct</i>	-70.34	
		<i>For 30 Degree Bend, Deduct</i>	-124.17	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.41	
26 05 36 00-0258	EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	431.71	161.34
		<i>For 60 Degree Bend, Deduct</i>	-80.60	
		<i>For 30 Degree Bend, Deduct</i>	-143.30	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.72	
26 05 36 00-0259	EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	510.56	203.05
		<i>For 60 Degree Bend, Deduct</i>	-90.64	
		<i>For 30 Degree Bend, Deduct</i>	-162.35	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.13	
26 05 36 00-0260	EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	619.48	238.35
		<i>For 60 Degree Bend, Deduct</i>	-113.05	
		<i>For 30 Degree Bend, Deduct</i>	-201.66	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.08	
26 05 36 00-0261	EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	728.13	288.52
		<i>For 60 Degree Bend, Deduct</i>	-129.67	
		<i>For 30 Degree Bend, Deduct</i>	-232.15	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.77	
26 05 36 00-0262		12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0263	EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	320.90	114.27
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.57	
26 05 36 00-0264	EA	9" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	351.01	130.49
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.22	
26 05 36 00-0265	EA	12" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	378.40	144.32
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.82	
26 05 36 00-0266	EA	18" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	438.75	176.88
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.14	
26 05 36 00-0267	EA	24" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	488.40	203.05
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.92	
26 05 36 00-0268	EA	30" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	542.82	228.53
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.24	
26 05 36 00-0269	EA	36" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	602.73	260.86
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.53	
26 05 36 00-0270		24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0271	EA	6" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	383.09	119.18
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.38	
26 05 36 00-0272	EA	9" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	417.47	137.11
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.32	
26 05 36 00-0273	EA	12" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	450.35	152.32
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.34	
26 05 36 00-0274	EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	522.23	189.22
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.46	
26 05 36 00-0275	EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	583.19	219.50
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.03	
26 05 36 00-0276	EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	644.62	249.09
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.70	
26 05 36 00-0277	EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	738.82	288.52
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-49.84	
26 05 36 00-0278		36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0279	EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	456.51	124.55
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.27	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 05 36 00-0280	EA		9" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 498.36	498.36	144.32
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -37.81		
	26 05 36 00-0281	EA		12" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 529.89	529.89	161.34
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -39.54		
	26 05 36 00-0282	EA		18" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 620.35	620.35	203.05
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -45.11		
	26 05 36 00-0283	EA		24" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 682.20	682.20	238.35
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -48.36		
	26 05 36 00-0284	EA		30" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 780.94	780.94	274.23
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -55.24		
	26 05 36 00-0285	EA		36" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 881.83	881.83	322.23
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -61.34		
	26 05 36 00-0286			12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
	26 05 36 00-0287	EA		6" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 575.43	575.43	219.50
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -39.26		
	26 05 36 00-0288	EA		9" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 622.61	622.61	238.35
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -42.40		
	26 05 36 00-0289	EA		12" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 653.03	653.03	249.09
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -44.54		
	26 05 36 00-0290	EA		18" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 729.30	729.30	274.23
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -50.08		
	26 05 36 00-0291	EA		24" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 826.58	826.58	304.39
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -57.29		
	26 05 36 00-0292	EA		30" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 919.74	919.74	322.80
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -65.08		
	26 05 36 00-0293	EA		36" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 1,040.93	1,040.93	365.42
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -73.64		
	26 05 36 00-0294			24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
	26 05 36 00-0295	EA		6" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 725.88	725.88	238.35
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -52.72		
	26 05 36 00-0296	EA		9" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 779.68	779.68	261.32
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -56.20		
	26 05 36 00-0297	EA		12" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 813.80	813.80	274.23
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -58.53		
	26 05 36 00-0298	EA		18" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 892.30	892.30	304.39
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -63.86		
	26 05 36 00-0299	EA		24" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 990.65	990.65	342.79
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -70.50		
	26 05 36 00-0300	EA		30" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 1,065.97	1,065.97	365.42
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -76.14		
	26 05 36 00-0301	EA		36" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 1,288.78	1,288.78	422.20
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -93.70		
	26 05 36 00-0302			36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
	26 05 36 00-0303	EA		6" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 926.76	926.76	261.32
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -70.90		
	26 05 36 00-0304	EA		9" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 991.00	991.00	288.52
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -75.05		
	26 05 36 00-0305	EA		12" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 1,051.90	1,051.90	304.39
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -79.82		
	26 05 36 00-0306	EA		18" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 1,156.51	1,156.51	342.79
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -87.09		
	26 05 36 00-0307	EA		24" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 1,312.49	1,312.49	391.35
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -98.64		

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 05 36 00-0308	EA	30" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,423.34		422.20
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-107.15		
26 05 36 00-0309	EA	36" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,603.36		498.19
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-118.82		
26 05 36 00-0310		12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>			
26 05 36 00-0311	EA	6" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	695.20		203.05
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-52.60		
26 05 36 00-0312	EA	9" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	711.67		211.04
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-53.58		
26 05 36 00-0313	EA	12" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	728.77		219.50
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-54.59		
26 05 36 00-0314	EA	18" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	766.56		238.35
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.79		
26 05 36 00-0315	EA	24" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	790.72		249.09
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-58.31		
26 05 36 00-0316	EA	30" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	857.61		274.23
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-62.91		
26 05 36 00-0317	EA	36" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	923.59		304.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-66.99		
26 05 36 00-0318		24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>			
26 05 36 00-0319	EA	6" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,010.41		219.50
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-82.75		
26 05 36 00-0320	EA	9" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,034.92		228.53
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-84.45		
26 05 36 00-0321	EA	12" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,060.72		238.35
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-86.21		
26 05 36 00-0322	EA	18" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,117.65		261.32
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-89.99		
26 05 36 00-0323	EA	24" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,158.03		274.23
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-92.95		
26 05 36 00-0324	EA	30" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,227.14		304.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-97.34		
26 05 36 00-0325	EA	36" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,322.37		342.79
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-103.67		
26 05 36 00-0326		36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>			
26 05 36 00-0327	EA	6" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,602.10		238.35
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-140.35		
26 05 36 00-0328	EA	9" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,635.65		249.09
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-142.81		
26 05 36 00-0329	EA	12" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,671.55		261.32
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-145.38		
26 05 36 00-0330	EA	18" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,732.65		288.52
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-149.22		
26 05 36 00-0331	EA	24" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,774.78		304.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-152.11		
26 05 36 00-0332	EA	30" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,885.65		342.79
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-160.00		
26 05 36 00-0333	EA	36" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,982.17		391.35
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-165.61		
26 05 36 00-0334		12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0335 EA 6" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	716.79	274.23
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.83	
26 05 36 00-0336 EA 9" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	753.16	288.52
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.27	
26 05 36 00-0337 EA 12" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	804.68	304.39
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-55.10	
26 05 36 00-0338 EA 18" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	863.41	322.80
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-59.44	
26 05 36 00-0339 EA 24" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	972.09	365.42
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-66.76	
26 05 36 00-0340 EA 30" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,087.17	391.35
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-76.11	
26 05 36 00-0341 EA 36" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,188.64	422.20
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-83.68	
26 05 36 00-0342 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0343 EA 6" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,011.22	304.39
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-75.75	
26 05 36 00-0344 EA 9" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,057.43	322.80
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-78.85	
26 05 36 00-0345 EA 12" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,106.44	342.79
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-82.08	
26 05 36 00-0346 EA 18" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,178.62	365.42
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-87.41	
26 05 36 00-0347 EA 24" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,310.69	422.20
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-95.89	
26 05 36 00-0348 EA 30" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,409.54	457.05
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-102.87	
26 05 36 00-0349 EA 36" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,581.46	498.19
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-116.63	
26 05 36 00-0350 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0351 EA 6" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,275.43	342.79
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-98.98	
26 05 36 00-0352 EA 9" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,344.48	365.42
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-103.99	
26 05 36 00-0353 EA 12" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,418.88	391.35
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-109.28	
26 05 36 00-0354 EA 18" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,548.52	422.20
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-119.67	
26 05 36 00-0355 EA 24" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,769.22	498.19
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-135.40	
26 05 36 00-0356 EA 30" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,929.69	547.55
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-147.34	
26 05 36 00-0357 EA 36" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,111.86	609.94
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-160.36	
26 05 36 00-0358 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0359 EA 6" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	833.67	274.23
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-60.51	
26 05 36 00-0360 EA 9" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	875.84	288.63
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-63.53	
26 05 36 00-0361 EA 12" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	938.37	304.39
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-68.47	
26 05 36 00-0362 EA 18" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,010.07	322.91
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-74.10	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0363	EA		24" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,135.44	365.42
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-83.09	
26 05 36 00-0364	EA		30" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,283.21	391.47
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-95.70	
26 05 36 00-0365	EA		36" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,406.05	421.63
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-105.47	
26 05 36 00-0366			24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0367	EA		6" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,237.94	304.39
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-98.42	
26 05 36 00-0368	EA		9" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,291.20	322.80
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-102.22	
26 05 36 00-0369	EA		12" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,347.24	342.79
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-106.16	
26 05 36 00-0370	EA		18" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,434.92	365.42
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-113.04	
26 05 36 00-0371	EA		24" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,583.88	422.20
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-123.21	
26 05 36 00-0372	EA		30" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,701.04	457.05
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-132.02	
26 05 36 00-0373	EA		36" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,919.43	498.19
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-150.42	
26 05 36 00-0374			36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0375	EA		6" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,592.27	342.79
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-130.66	
26 05 36 00-0376	EA		9" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,675.41	365.42
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-137.09	
26 05 36 00-0377	EA		12" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,763.90	391.35
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-143.78	
26 05 36 00-0378	EA		18" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,928.73	422.20
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-157.69	
26 05 36 00-0379	EA		24" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,191.68	498.19
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-177.65	
26 05 36 00-0380	EA		30" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,387.36	547.55
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-193.10	
26 05 36 00-0381	EA		36" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,604.73	609.94
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-209.64	
26 05 36 00-0382			9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings <small>(26 05 36 00-0002)</small>		
26 05 36 00-0383			12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0384	EA		6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	273.10	114.61
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.76	
26 05 36 00-0385	EA		9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	306.23	130.49
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.75	
26 05 36 00-0386	EA		12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	336.94	144.32
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.67	
26 05 36 00-0387	EA		18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	419.97	176.88
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.26	
26 05 36 00-0388	EA		24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	479.27	203.05
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.00	
26 05 36 00-0389	EA		30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	566.03	228.53
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.56	
26 05 36 00-0390	EA		36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	651.77	261.20
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 36 00-0391 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>					
26 05 36 00-0392	EA		6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	368.16	119.18
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.88	
26 05 36 00-0393	EA		9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	403.07	137.00
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.89	
26 05 36 00-0394	EA		12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	435.16	152.32
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.82	
26 05 36 00-0395	EA		18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	510.88	189.22
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.32	
26 05 36 00-0396	EA		24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	575.69	219.50
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.28	
26 05 36 00-0397	EA		30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	643.38	249.09
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.58	
26 05 36 00-0398	EA		36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	752.12	288.52
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.17	
26 05 36 00-0399 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>					
26 05 36 00-0400	EA		6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	395.36	124.55
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.16	
26 05 36 00-0401	EA		9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	438.44	144.20
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.83	
26 05 36 00-0402	EA		12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	476.30	161.34
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.18	
26 05 36 00-0403	EA		18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	575.76	203.05
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.65	
26 05 36 00-0404	EA		24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	658.08	238.35
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-45.94	
26 05 36 00-0405	EA		30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	769.99	274.23
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-54.15	
26 05 36 00-0406	EA		36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	878.57	322.23
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-61.01	
26 05 36 00-0407 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>					
26 05 36 00-0408	EA		6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	202.29	83.06
			<i>For 60 Degree Bend, Deduct</i>	-34.92	
			<i>For 30 Degree Bend, Deduct</i>	-62.82	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.31	
26 05 36 00-0409	EA		9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	232.49	99.63
			<i>For 60 Degree Bend, Deduct</i>	-38.54	
			<i>For 30 Degree Bend, Deduct</i>	-69.77	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.95	
26 05 36 00-0410	EA		12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	259.55	114.27
			<i>For 60 Degree Bend, Deduct</i>	-41.85	
			<i>For 30 Degree Bend, Deduct</i>	-76.10	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.43	
26 05 36 00-0411	EA		18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	313.67	144.43
			<i>For 60 Degree Bend, Deduct</i>	-48.16	
			<i>For 30 Degree Bend, Deduct</i>	-88.29	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.33	
26 05 36 00-0412	EA		24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	388.68	176.88
			<i>For 60 Degree Bend, Deduct</i>	-60.46	
			<i>For 30 Degree Bend, Deduct</i>	-110.59	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.13	
26 05 36 00-0413	EA		30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	458.41	203.05
			<i>For 60 Degree Bend, Deduct</i>	-73.43	
			<i>For 30 Degree Bend, Deduct</i>	-133.67	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.92	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-0414	EA 36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	522.47 -81.04 -148.30 -32.38	238.35
26 05 36 00-0415	24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0416	EA 6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	223.59 -40.95 -73.01 -15.22	85.70
26 05 36 00-0417	EA 9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	258.24 -45.62 -81.77 -17.22	103.29
26 05 36 00-0418	EA 12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	295.28 -51.72 -92.83 -19.59	119.29
26 05 36 00-0419	EA 18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	353.02 -58.10 -105.29 -22.61	152.32
26 05 36 00-0420	EA 24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	435.26 -71.12 -129.04 -27.76	189.22
26 05 36 00-0421	EA 30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	509.19 -83.91 -152.04 -32.63	219.50
26 05 36 00-0422	EA 36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	599.74 -97.76 -177.45 -38.20	261.32
26 05 36 00-0423	36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0424	EA 6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	263.38 -53.03 -93.29 -18.97	88.44
26 05 36 00-0425	EA 9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	301.55 -58.35 -103.21 -21.21	107.41
26 05 36 00-0426	EA 12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	332.92 -62.08 -110.39 -22.90	124.66
26 05 36 00-0427	EA 18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	404.59 -71.65 -128.38 -27.01	161.34
26 05 36 00-0428	EA 24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	481.88 -81.18 -146.58 -31.27	203.05
26 05 36 00-0429	EA 30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	582.45 -100.83 -181.29 -38.38	238.35
26 05 36 00-0430	EA 36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	686.93 -116.08 -209.49 -44.65	288.52
26 05 36 00-0431	12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0432 EA 6" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 303.88	303.88	114.27
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.87	
26 05 36 00-0433 EA 9" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 333.61	333.61	130.49
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.48	
26 05 36 00-0434 EA 12" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 360.41	360.41	144.32
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.02	
26 05 36 00-0435 EA 18" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 419.97	419.97	176.88
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.26	
26 05 36 00-0436 EA 24" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 468.84	468.84	203.05
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.96	
26 05 36 00-0437 EA 30" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 521.70	521.70	228.53
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.13	
26 05 36 00-0438 EA 36" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 580.83	580.83	260.86
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.34	
26 05 36 00-0439 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0382)		
26 05 36 00-0440 EA 6" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 359.03	359.03	119.18
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.97	
26 05 36 00-0441 EA 9" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 392.82	392.82	137.11
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.86	
26 05 36 00-0442 EA 12" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 424.73	424.73	152.32
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.78	
26 05 36 00-0443 EA 18" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 495.24	495.24	189.22
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.76	
26 05 36 00-0444 EA 24" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 554.83	554.83	219.50
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.20	
26 05 36 00-0445 EA 30" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 614.70	614.70	249.09
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.71	
26 05 36 00-0446 EA 36" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 705.18	705.18	288.52
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.47	
26 05 36 00-0447 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0382)		
26 05 36 00-0448 EA 6" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 424.05	424.05	124.55
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.03	
26 05 36 00-0449 EA 9" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 464.72	464.72	144.32
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.45	
26 05 36 00-0450 EA 12" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 495.86	495.86	161.34
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.14	
26 05 36 00-0451 EA 18" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 583.58	583.58	203.05
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.44	
26 05 36 00-0452 EA 24" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 645.04	645.04	238.35
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.64	
26 05 36 00-0453 EA 30" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 738.69	738.69	274.23
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.02	
26 05 36 00-0454 EA 36" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 836.85	836.85	322.23
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.84	
26 05 36 00-0455 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0382)		
26 05 36 00-0456 EA 6" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 540.48	540.48	219.50
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.76	
26 05 36 00-0457 EA 9" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 585.06	585.06	238.35
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.64	
26 05 36 00-0458 EA 12" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 613.39	613.39	249.09
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.58	
26 05 36 00-0459 EA 18" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 683.93	683.93	274.23
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-45.54	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 36 00-0460	EA	24" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	773.39	304.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.97	
26 05 36 00-0461	EA	30" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	856.11	322.80
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-58.71	
26 05 36 00-0462	EA	36" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	968.96	365.42
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-66.44	
26 05 36 00-0463		24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0464	EA	6" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	671.12	238.35
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-47.25	
26 05 36 00-0465	EA	9" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	722.31	261.32
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.46	
26 05 36 00-0466	EA	12" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	754.34	274.23
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-52.58	
26 05 36 00-0467	EA	18" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	828.15	304.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-57.45	
26 05 36 00-0468	EA	24" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	920.77	342.79
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-63.51	
26 05 36 00-0469	EA	30" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	989.82	365.42
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-68.53	
26 05 36 00-0470	EA	36" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,191.25	422.20
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-83.95	
26 05 36 00-0471		36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0472	EA	6" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	844.87	261.32
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-62.71	
26 05 36 00-0473	EA	9" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	905.98	288.52
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-66.55	
26 05 36 00-0474	EA	12" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	961.15	304.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-70.75	
26 05 36 00-0475	EA	18" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,058.98	342.79
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-77.33	
26 05 36 00-0476	EA	24" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,202.44	391.35
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-87.63	
26 05 36 00-0477	EA	30" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,303.38	422.20
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-95.16	
26 05 36 00-0478	EA	36" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,474.54	498.19
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-105.93	
26 05 36 00-0479		12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0480	EA	6" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	635.74	203.05
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.65	
26 05 36 00-0481	EA	9" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	651.69	211.04
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-47.58	
26 05 36 00-0482	EA	12" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	668.26	219.50
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.54	
26 05 36 00-0483	EA	18" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	705.02	238.35
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.64	
26 05 36 00-0484	EA	24" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	728.14	249.09
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-52.05	
26 05 36 00-0485	EA	30" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	790.85	274.23
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.23	
26 05 36 00-0486	EA	36" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	854.23	304.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-60.05	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 36 00-0487 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>				
26 05 36 00-0488	EA	6" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	902.97	219.50
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-72.01	
26 05 36 00-0489	EA	9" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	925.91	228.53
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-73.55	
26 05 36 00-0490	EA	12" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	950.15	238.35
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-75.15	
26 05 36 00-0491	EA	18" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,003.95	261.32
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-78.62	
26 05 36 00-0492	EA	24" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,041.20	274.23
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-81.27	
26 05 36 00-0493	EA	30" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,107.18	304.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-85.35	
26 05 36 00-0494	EA	36" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,197.19	342.79
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-91.15	
26 05 36 00-0495 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>				
26 05 36 00-0496	EA	6" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,401.30	238.35
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-120.27	
26 05 36 00-0497	EA	9" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,432.24	249.09
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-122.46	
26 05 36 00-0498	EA	12" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,465.53	261.32
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-124.78	
26 05 36 00-0499	EA	18" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,524.03	288.52
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-128.36	
26 05 36 00-0500	EA	24" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,563.55	304.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-130.99	
26 05 36 00-0501	EA	30" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,666.60	342.79
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-138.09	
26 05 36 00-0502	EA	36" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,760.51	391.35
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-143.44	
26 05 36 00-0503 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>				
26 05 36 00-0504	EA	6" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	673.50	274.23
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.50	
26 05 36 00-0505	EA	9" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	707.79	288.52
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.73	
26 05 36 00-0506	EA	12" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	755.13	304.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.14	
26 05 36 00-0507	EA	18" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	809.17	322.80
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-54.02	
26 05 36 00-0508	EA	24" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	911.58	365.42
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-60.70	
26 05 36 00-0509	EA	30" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,014.67	391.35
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-68.86	
26 05 36 00-0510	EA	36" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,107.80	422.20
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-75.60	
26 05 36 00-0511 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>				
26 05 36 00-0512	EA	6" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	927.25	304.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-67.36	
26 05 36 00-0513	EA	9" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	970.85	322.80
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-70.19	
26 05 36 00-0514	EA	12" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,017.25	342.79
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-73.16	

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 TOTAL DIRECT DEMOLITION
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26 05 36 00-0515	EA	18" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,083.70	365.42
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-77.92	
26 05 36 00-0516	EA	24" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,209.50	422.20
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-85.77	
26 05 36 00-0517	EA	30" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,301.57	457.05
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-92.07	
26 05 36 00-0518	EA	36" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,456.28	498.19
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-104.11	
26 05 36 00-0519		36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0520	EA	6" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,158.08	342.79
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-87.24	
26 05 36 00-0521	EA	9" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,221.91	365.42
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-91.74	
26 05 36 00-0522	EA	12" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,291.10	391.35
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-96.50	
26 05 36 00-0523	EA	18" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,407.70	422.20
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-105.59	
26 05 36 00-0524	EA	24" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,612.75	498.19
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-119.75	
26 05 36 00-0525	EA	30" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,760.19	547.55
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-130.39	
26 05 36 00-0526	EA	36" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,929.31	609.94
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-142.10	
26 05 36 00-0527		12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0528	EA	6" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	770.90	274.23
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-54.24	
26 05 36 00-0529	EA	9" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	810.04	288.63
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.95	
26 05 36 00-0530	EA	12" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	866.52	304.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-61.29	
26 05 36 00-0531	EA	18" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	931.42	322.91
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-66.23	
26 05 36 00-0532	EA	24" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,047.71	365.42
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-74.32	
26 05 36 00-0533	EA	30" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,178.09	391.47
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-85.18	
26 05 36 00-0534	EA	36" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,288.83	421.63
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-93.75	
26 05 36 00-0535		24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0536	EA	6" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,116.18	304.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-86.25	
26 05 36 00-0537	EA	9" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,165.66	322.80
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-89.67	
26 05 36 00-0538	EA	12" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,217.92	342.79
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-93.23	
26 05 36 00-0539	EA	18" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,297.28	365.42
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-99.27	
26 05 36 00-0540	EA	24" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,437.16	422.20
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-108.54	
26 05 36 00-0541	EA	30" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,544.49	457.05
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-116.36	
26 05 36 00-0542	EA	36" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,737.92	498.19
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-132.27	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 36 00-0543 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>					
26 05 36 00-0544	EA		6" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,422.11	342.79
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-113.65	
26 05 36 00-0545	EA		9" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,497.69	365.42
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-119.32	
26 05 36 00-0546	EA		12" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,578.61	391.35
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-125.25	
26 05 36 00-0547	EA		18" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,724.54	422.20
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-137.27	
26 05 36 00-0548	EA		24" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,964.80	498.19
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-154.96	
26 05 36 00-0549	EA		30" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,141.58	547.55
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-168.53	
26 05 36 00-0550	EA		36" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,340.04	609.94
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-183.18	
26 05 36 00-0551 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings <small>(26 05 36 00-0002)</small>					
26 05 36 00-0552 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>					
26 05 36 00-0553	EA		6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	267.35	114.61
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.19	
26 05 36 00-0554	EA		9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	300.02	130.49
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.12	
26 05 36 00-0555	EA		12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	330.18	144.32
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.00	
26 05 36 00-0556	EA		18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	411.21	176.88
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.38	
26 05 36 00-0557	EA		24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	469.41	203.05
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.02	
26 05 36 00-0558	EA		30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	553.07	228.53
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.26	
26 05 36 00-0559	EA		36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	636.62	261.20
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.90	
26 05 36 00-0560 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>					
26 05 36 00-0561	EA		6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	356.29	119.18
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.70	
26 05 36 00-0562	EA		9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	390.84	137.00
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.67	
26 05 36 00-0563	EA		12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	422.48	152.32
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.55	
26 05 36 00-0564	EA		18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	497.19	189.22
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.95	
26 05 36 00-0565	EA		24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	560.99	219.50
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.81	
26 05 36 00-0566	EA		30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	627.41	249.09
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.98	
26 05 36 00-0567	EA		36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	733.14	288.52
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-49.27	
26 05 36 00-0568 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>					
26 05 36 00-0569	EA		6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	382.22	124.55
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.84	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 36 00-0570	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	424.57	144.20
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.44	
26 05 36 00-0571	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	461.79	161.34
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.73	
26 05 36 00-0572	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	559.15	203.05
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.99	
26 05 36 00-0573	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	639.83	238.35
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.12	
26 05 36 00-0574	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	748.08	274.23
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.96	
26 05 36 00-0575	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	854.66	322.23
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-58.62	
26 05 36 00-0576 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>				
26 05 36 00-0577	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	197.82	83.06
		<i>For 60 Degree Bend, Deduct</i>	-33.45	
		<i>For 30 Degree Bend, Deduct</i>	-60.36	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.86	
26 05 36 00-0578	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	227.83	99.63
		<i>For 60 Degree Bend, Deduct</i>	-37.01	
		<i>For 30 Degree Bend, Deduct</i>	-67.21	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.48	
26 05 36 00-0579	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	254.71	114.27
		<i>For 60 Degree Bend, Deduct</i>	-40.25	
		<i>For 30 Degree Bend, Deduct</i>	-73.44	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.95	
26 05 36 00-0580	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	308.56	144.43
		<i>For 60 Degree Bend, Deduct</i>	-46.48	
		<i>For 30 Degree Bend, Deduct</i>	-85.48	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.82	
26 05 36 00-0581	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	382.11	176.88
		<i>For 60 Degree Bend, Deduct</i>	-58.29	
		<i>For 30 Degree Bend, Deduct</i>	-106.98	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.47	
26 05 36 00-0582	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	450.01	203.05
		<i>For 60 Degree Bend, Deduct</i>	-70.66	
		<i>For 30 Degree Bend, Deduct</i>	-129.05	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.08	
26 05 36 00-0583	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	513.71	238.35
		<i>For 60 Degree Bend, Deduct</i>	-78.15	
		<i>For 30 Degree Bend, Deduct</i>	-143.49	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.51	
26 05 36 00-0584 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>				
26 05 36 00-0585	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	217.93	85.70
		<i>For 60 Degree Bend, Deduct</i>	-39.08	
		<i>For 30 Degree Bend, Deduct</i>	-69.90	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.66	
26 05 36 00-0586	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	252.21	103.29
		<i>For 60 Degree Bend, Deduct</i>	-43.63	
		<i>For 30 Degree Bend, Deduct</i>	-78.45	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.61	
26 05 36 00-0587	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	288.52	119.29
		<i>For 60 Degree Bend, Deduct</i>	-49.49	
		<i>For 30 Degree Bend, Deduct</i>	-89.11	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.91	
26 05 36 00-0588	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	346.08	152.32
		<i>For 60 Degree Bend, Deduct</i>	-55.80	
		<i>For 30 Degree Bend, Deduct</i>	-101.47	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.91	
26 05 36 00-0589	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	426.86	189.22
		<i>For 60 Degree Bend, Deduct</i>	-68.34	
		<i>For 30 Degree Bend, Deduct</i>	-124.42	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.92	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0590	EA			30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	499.15 -80.59 -146.52 -31.63	219.50
26 05 36 00-0591	EA			36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	588.24 -93.97 -171.12 -37.05	261.32
26 05 36 00-0592				36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0593	EA			6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	255.25 -50.35 -88.82 -18.16	88.44
26 05 36 00-0594	EA			9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	292.97 -55.51 -98.49 -20.35	107.41
26 05 36 00-0595	EA			12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	324.16 -59.19 -105.58 -22.03	124.66
26 05 36 00-0596	EA			18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	395.09 -68.51 -123.16 -26.06	161.34
26 05 36 00-0597	EA			24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	471.84 -77.86 -141.05 -30.26	203.05
26 05 36 00-0598	EA			30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	569.49 -96.55 -174.16 -37.08	238.35
26 05 36 00-0599	EA			36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	672.51 -111.32 -201.56 -43.21	288.52
26 05 36 00-0600				12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0601	EA			6" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	295.94 -20.07	114.27
26 05 36 00-0602	EA			9" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	325.48 -21.67	130.49
26 05 36 00-0603	EA			12" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	352.01 -23.18	144.32
26 05 36 00-0604	EA			18" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	411.21 -26.38	176.88
26 05 36 00-0605	EA			24" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	459.71 -29.05	203.05
26 05 36 00-0606	EA			30" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	511.84 -32.14	228.53
26 05 36 00-0607	EA			36" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	570.60 -35.32	260.86
26 05 36 00-0608				24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0609	EA			6" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	347.80 -24.85	119.18
26 05 36 00-0610	EA			9" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	381.32 -26.71	137.11
26 05 36 00-0611	EA			12" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	412.77 -28.58	152.32

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 36 00-0612	EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	482.64	189.22
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.50	
26 05 36 00-0613	EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	541.59	219.50
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.87	
26 05 36 00-0614	EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	600.73	249.09
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.31	
26 05 36 00-0615	EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	689.48	288.52
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.90	
26 05 36 00-0616		36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0617	EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	408.90	124.55
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.51	
26 05 36 00-0618	EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	449.02	144.32
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.88	
26 05 36 00-0619	EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	479.98	161.34
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.55	
26 05 36 00-0620	EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	566.42	203.05
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.72	
26 05 36 00-0621	EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	627.70	238.35
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.91	
26 05 36 00-0622	EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	718.98	274.23
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-49.05	
26 05 36 00-0623	EA	36" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	815.85	322.23
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-54.74	
26 05 36 00-0624		12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0625	EA	6" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	523.01	219.50
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.01	
26 05 36 00-0626	EA	9" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	566.29	238.35
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.76	
26 05 36 00-0627	EA	12" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	593.57	249.09
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.60	
26 05 36 00-0628	EA	18" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	661.24	274.23
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.27	
26 05 36 00-0629	EA	24" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	746.79	304.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-49.31	
26 05 36 00-0630	EA	30" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	824.30	322.80
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-55.53	
26 05 36 00-0631	EA	36" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	932.97	365.42
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-62.84	
26 05 36 00-0632		24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0633	EA	6" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	643.74	238.35
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.51	
26 05 36 00-0634	EA	9" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	693.62	261.32
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-47.59	
26 05 36 00-0635	EA	12" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	724.61	274.23
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-49.61	
26 05 36 00-0636	EA	18" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	796.07	304.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-54.24	
26 05 36 00-0637	EA	24" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	885.82	342.79
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-60.02	
26 05 36 00-0638	EA	30" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	951.74	365.42
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-64.72	
26 05 36 00-0639	EA	36" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,142.48	422.20
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-79.07	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 36 00-0640					
		36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>			
	EA	6" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	803.93		261.32
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-58.62		
	EA	9" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	863.47		288.52
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-62.30		
	EA	12" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	915.77		304.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-66.21		
	EA	18" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,010.21		342.79
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-72.46		
	EA	24" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,147.41		391.35
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-82.13		
	EA	30" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,243.40		422.20
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-89.16		
	EA	36" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,410.12		498.19
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-99.49		
26 05 36 00-0648		12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>			
	EA	6" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	606.01		203.05
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.68		
	EA	9" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	621.70		211.04
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.58		
	EA	12" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	638.01		219.50
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-45.51		
	EA	18" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	674.25		238.35
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-47.56		
	EA	24" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	696.84		249.09
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.92		
	EA	30" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	757.47		274.23
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-52.89		
	EA	36" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	819.54		304.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.58		
26 05 36 00-0656		24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>			
	EA	6" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	849.25		219.50
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-66.64		
	EA	9" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	871.41		228.53
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-68.10		
	EA	12" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	894.87		238.35
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-69.62		
	EA	18" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	947.10		261.32
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-72.94		
	EA	24" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	982.78		274.23
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-75.43		
	EA	30" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,047.20		304.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-79.35		
	EA	36" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,134.60		342.79
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-84.89		
26 05 36 00-0664		36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>			
	EA	6" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,300.90		238.35
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-110.23		
	EA	9" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,330.54		249.09
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-112.29		

26 Electrical
26 05 Common Work Results for Electrical
26 05 36 Cable Trays for Electrical Systems

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0667	EA		12" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,362.52	261.32
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-114.48	
26 05 36 00-0668	EA		18" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,419.72	288.52
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-117.93	
26 05 36 00-0669	EA		24" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,457.93	304.39
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-120.42	
26 05 36 00-0670	EA		30" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,557.07	342.79
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-127.14	
26 05 36 00-0671	EA		36" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,649.67	391.35
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-132.36	
26 05 36 00-0672			12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0673	EA		6" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	651.85	274.23
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.33	
26 05 36 00-0674	EA		9" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	685.10	288.52
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.46	
26 05 36 00-0675	EA		12" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	730.36	304.39
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-47.67	
26 05 36 00-0676	EA		18" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	782.05	322.80
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.31	
26 05 36 00-0677	EA		24" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	881.33	365.42
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-57.68	
26 05 36 00-0678	EA		30" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	978.43	391.35
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-65.23	
26 05 36 00-0679	EA		36" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,067.38	422.20
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-71.56	
26 05 36 00-0680			24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0681	EA		6" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	885.26	304.39
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-63.16	
26 05 36 00-0682	EA		9" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	927.57	322.80
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-65.86	
26 05 36 00-0683	EA		12" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	972.66	342.79
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-68.70	
26 05 36 00-0684	EA		18" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,036.24	365.42
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-73.17	
26 05 36 00-0685	EA		24" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,158.91	422.20
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-80.71	
26 05 36 00-0686	EA		30" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,247.59	457.05
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-86.67	
26 05 36 00-0687	EA		36" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,393.69	498.19
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-97.85	
26 05 36 00-0688			36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0689	EA		6" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,099.40	342.79
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-81.37	
26 05 36 00-0690	EA		9" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,160.63	365.42
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-85.61	
26 05 36 00-0691	EA		12" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,227.21	391.35
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-90.11	
26 05 36 00-0692	EA		18" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,337.29	422.20
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-98.55	
26 05 36 00-0693	EA		24" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,534.52	498.19
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-111.93	
26 05 36 00-0694	EA		30" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,675.43	547.55
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-121.91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0695 EA 36" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,838.04 -132.98	609.94
26 05 36 00-0696 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0697 EA 6" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	739.51 -51.10	274.23
26 05 36 00-0698 EA 9" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	777.15 -53.66	288.63
26 05 36 00-0699 EA 12" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	830.60 -57.70	304.39
26 05 36 00-0700 EA 18" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	892.09 -62.30	322.91
26 05 36 00-0701 EA 24" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,003.85 -69.93	365.42
26 05 36 00-0702 EA 30" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,125.53 -79.93	391.47
26 05 36 00-0703 EA 36" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,230.22 -87.89	421.63
26 05 36 00-0704 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0705 EA 6" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,055.30 -80.16	304.39
26 05 36 00-0706 EA 9" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,102.89 -83.39	322.80
26 05 36 00-0707 EA 12" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,153.26 -86.76	342.79
26 05 36 00-0708 EA 18" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,228.46 -92.39	365.42
26 05 36 00-0709 EA 24" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,363.81 -101.20	422.20
26 05 36 00-0710 EA 30" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,466.22 -108.53	457.05
26 05 36 00-0711 EA 36" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,647.17 -123.20	498.19
26 05 36 00-0712 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0713 EA 6" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,337.04 -105.14	342.79
26 05 36 00-0714 EA 9" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,408.83 -110.43	365.42
26 05 36 00-0715 EA 12" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,485.97 -115.99	391.35
26 05 36 00-0716 EA 18" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,622.45 -127.07	422.20
26 05 36 00-0717 EA 24" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,851.36 -143.62	498.19
26 05 36 00-0718 EA 30" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	2,018.68 -156.24	547.55
26 05 36 00-0719 EA 36" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	2,207.69 -169.94	609.94
26 05 36 00-0720 Dropout Or End Plates And Reducers <small>(26 05 36 00-0002)</small>		
26 05 36 00-0721 Straight Reducers <small>(26 05 36 00-0720)</small>		
26 05 36 00-0722 EA 9"-6" Reducer, Steel Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	260.54 -19.03	84.33
26 05 36 00-0723 EA 12"-9" Reducer, Steel Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	274.76 -19.87	91.29

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 36 00-0724	EA	18"-12" Reducer, Steel Cable Tray	298.25	105.35
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.04	
26 05 36 00-0725	EA	24"-18" Reducer, Steel Cable Tray	328.34	121.92
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.68	
26 05 36 00-0726	EA	30"-24" Reducer, Steel Cable Tray	356.31	137.11
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.20	
26 05 36 00-0727	EA	36"-30" Reducer, Steel Cable Tray	404.54	156.66
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.40	
26 05 36 00-0728		Reducers <small>(26 05 36 00-0720)</small>		
26 05 36 00-0729	EA	18"-6" Reducer, Steel Cable Tray	303.57	105.47
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.57	
26 05 36 00-0730	EA	24"-12" Reducer, Steel Cable Tray	333.85	122.04
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.21	
26 05 36 00-0731	EA	30"-12" Reducer, Steel Cable Tray	366.56	137.00
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.24	
26 05 36 00-0732	EA	30"-18" Reducer, Steel Cable Tray	371.60	136.89
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.75	
26 05 36 00-0733	EA	36"-12" Reducer, Steel Cable Tray	407.15	156.66
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.66	
26 05 36 00-0734	EA	36"-18" Reducer, Steel Cable Tray	419.22	160.77
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.52	
26 05 36 00-0735	EA	36"-24" Reducer, Steel Cable Tray	433.00	165.91
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.47	
26 05 36 00-0736		Dropout Or End Plate <small>(26 05 36 00-0720)</small>		
26 05 36 00-0737	EA	6" Dropout Or End Plate, Steel Cable Tray	70.56	34.28
26 05 36 00-0738	EA	9" Dropout Or End Plate, Steel Cable Tray	81.03	39.19
26 05 36 00-0739	EA	12" Dropout Or End Plate, Steel Cable Tray	87.48	42.16
26 05 36 00-0740	EA	18" Dropout Or End Plate, Steel Cable Tray	103.27	49.82
26 05 36 00-0741	EA	24" Dropout Or End Plate, Steel Cable Tray	115.92	54.85
26 05 36 00-0742	EA	30" Dropout Or End Plate, Steel Cable Tray	128.45	60.90
26 05 36 00-0743	EA	36" Dropout Or End Plate, Steel Cable Tray	145.04	68.56
26 05 36 00-0744		Ladder Bottom Aluminum Cable Tray <small>(26 05 36 00-0001)</small>		
		Note: 4-5/8" Height		
26 05 36 00-0745		Straight Tray Sections <small>(26 05 36 00-0744)</small>		
26 05 36 00-0746		4" Rung Spacing <small>(26 05 36 00-0745)</small>		
26 05 36 00-0747	LF	6" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	130.89	8.00
		<i>For Class 12C Instead Of Class 12B, Add</i>	18.30	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.42	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	6.54	
26 05 36 00-0748	LF	9" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	138.44	8.46
		<i>For Class 12C Instead Of Class 12B, Add</i>	19.36	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.14	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	6.92	
26 05 36 00-0749	LF	12" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	145.98	8.80
		<i>For Class 12C Instead Of Class 12B, Add</i>	20.43	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.86	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	7.30	
26 05 36 00-0750	LF	18" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	162.25	9.60
		<i>For Class 12C Instead Of Class 12B, Add</i>	22.73	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.42	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	8.11	
26 05 36 00-0751	LF	24" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	187.87	10.28
		<i>For Class 12C Instead Of Class 12B, Add</i>	26.48	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.93	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	9.39	
26 05 36 00-0752	LF	30" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	206.24	10.97
		<i>For Class 12C Instead Of Class 12B, Add</i>	29.11	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.71	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	10.31	
26 05 36 00-0753	LF	36" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	222.39	11.66
		<i>For Class 12C Instead Of Class 12B, Add</i>	31.41	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.27	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	11.12	
26 05 36 00-0754		6" Rung Spacing <small>(26 05 36 00-0745)</small>		
26 05 36 00-0755	LF	6" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	120.21	8.00
		<i>For Class 12C Instead Of Class 12B, Add</i>	16.69	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-11.35	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	6.01	
26 05 36 00-0756	LF	9" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	127.13	8.46
		<i>For Class 12C Instead Of Class 12B, Add</i>	17.66	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.01	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	6.36	
26 05 36 00-0757	LF	12" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	134.05	8.80
		<i>For Class 12C Instead Of Class 12B, Add</i>	18.64	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.67	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	6.70	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0758	LF			18" Aluminum Cable Tray, 6" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	148.97 20.74 -14.09 7.45	9.60
26 05 36 00-0759	LF			24" Aluminum Cable Tray, 6" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	172.34 24.15 -16.38 8.62	10.28
26 05 36 00-0760	LF			30" Aluminum Cable Tray, 6" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	189.15 26.55 -18.00 9.46	10.97
26 05 36 00-0761	LF			36" Aluminum Cable Tray, 6" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	203.95 28.65 -19.42 10.20	11.66
26 05 36 00-0762				9" Rung Spacing <small>(26 05 36 00-0745)</small>		
26 05 36 00-0763	LF			6" Aluminum Cable Tray, 9" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	106.61 14.71 -10.02 5.33	7.66
26 05 36 00-0764	LF			9" Aluminum Cable Tray, 9" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	107.70 14.82 -10.10 5.39	8.00
26 05 36 00-0765	LF			12" Aluminum Cable Tray, 9" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	115.64 15.94 -10.86 5.78	8.46
26 05 36 00-0766	LF			18" Aluminum Cable Tray, 9" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	123.44 17.01 -11.59 6.17	9.03
26 05 36 00-0767	LF			24" Aluminum Cable Tray, 9" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	140.66 19.54 -13.29 7.03	9.37
26 05 36 00-0768	LF			30" Aluminum Cable Tray, 9" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	155.99 21.71 -14.76 7.80	10.05
26 05 36 00-0769	LF			36" Aluminum Cable Tray, 9" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	165.28 22.96 -15.61 8.26	10.97
26 05 36 00-0770				12" Rung Spacing <small>(26 05 36 00-0745)</small>		
26 05 36 00-0771	LF			6" Aluminum Cable Tray, 12" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	104.61 14.45 -9.84 5.23	7.43
26 05 36 00-0772	LF			9" Aluminum Cable Tray, 12" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	105.57 14.55 -9.92 5.28	7.66
26 05 36 00-0773	LF			12" Aluminum Cable Tray, 12" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	109.46 15.06 -10.27 5.47	8.11
26 05 36 00-0774	LF			18" Aluminum Cable Tray, 12" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	115.98 15.96 -10.88 5.80	8.57
26 05 36 00-0775	LF			24" Aluminum Cable Tray, 12" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	127.64 17.69 -12.04 6.38	8.68
26 05 36 00-0776	LF			30" Aluminum Cable Tray, 12" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	136.84 18.93 -12.89 6.84	9.60
26 05 36 00-0777	LF			36" Aluminum Cable Tray, 12" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	144.44 19.94 -13.58 7.22	10.39
26 05 36 00-0778				18" Rung Spacing <small>(26 05 36 00-0745)</small>		
26 05 36 00-0779	LF			6" Aluminum Cable Tray, 18" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	103.75 14.36 -9.77 5.19	7.20
26 05 36 00-0780	LF			9" Aluminum Cable Tray, 18" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	103.15 14.22 -9.69 5.16	7.54

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-0781	LF 12" Aluminum Cable Tray, 18" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	108.89 15.03 -10.24 5.44	7.77
26 05 36 00-0782	LF 18" Aluminum Cable Tray, 18" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	114.77 15.85 -10.79 5.74	8.23
26 05 36 00-0783	LF 24" Aluminum Cable Tray, 18" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	122.80 17.03 -11.59 6.14	8.34
26 05 36 00-0784	LF 30" Aluminum Cable Tray, 18" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	127.71 17.64 -12.01 6.39	9.14
26 05 36 00-0785	LF 36" Aluminum Cable Tray, 18" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	134.37 18.50 -12.61 6.72	9.94
26 05 36 00-0786	4" Rung Tray Fittings <small>(26 05 36 00-0744)</small>		
26 05 36 00-0787	90 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-0786)</small>		
26 05 36 00-0788	EA 6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	342.27 -24.68 17.11	114.61
26 05 36 00-0789	EA 9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	372.71 -26.39 18.64	130.49
26 05 36 00-0790	EA 12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	424.33 -30.41 21.22	144.32
26 05 36 00-0791	EA 18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	501.67 -35.43 25.08	176.88
26 05 36 00-0792	EA 24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	595.12 -42.59 29.76	203.05
26 05 36 00-0793	EA 30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	652.87 -46.24 32.64	228.53
26 05 36 00-0794	EA 36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	764.77 -54.71 38.24	261.20
26 05 36 00-0795	90 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-0786)</small>		
26 05 36 00-0796	EA 6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	466.81 -36.75 23.34	119.18
26 05 36 00-0797	EA 9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	508.00 -39.38 25.40	137.00
26 05 36 00-0798	EA 12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	546.98 -42.00 27.35	152.32
26 05 36 00-0799	EA 18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	633.26 -47.56 31.66	189.22
26 05 36 00-0800	EA 24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	714.37 -53.15 35.72	219.50
26 05 36 00-0801	EA 30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	796.37 -58.88 39.82	249.09
26 05 36 00-0802	EA 36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	909.97 -66.95 45.50	288.52
26 05 36 00-0803	90 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-0786)</small>		
26 05 36 00-0804	EA 6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	502.58 -39.88 25.13	124.55
26 05 36 00-0805	EA 9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	542.89 -42.28 27.14	144.20
26 05 36 00-0806	EA 12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	606.09 -47.16 30.30	161.34
26 05 36 00-0807	EA 18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	717.70 -54.85 35.89	203.05
26 05 36 00-0808	EA 24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	826.36 -62.77 41.32	238.35

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0809	EA			30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	928.24	274.23
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-69.97	
				For 6" Overall Height Instead Of 4-5/8", Add	46.41	
26 05 36 00-0810	EA			36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,077.10	322.23
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-80.86	
				For 6" Overall Height Instead Of 4-5/8", Add	53.86	
26 05 36 00-0811				45 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-0786)</small>		
26 05 36 00-0812	EA			6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	238.00	83.06
				For 60 Degree Bend, Deduct	-46.71	
				For 30 Degree Bend, Deduct	-82.46	
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.88	
				For 6" Overall Height Instead Of 4-5/8", Add	11.90	
26 05 36 00-0813	EA			9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	269.42	99.63
				For 60 Degree Bend, Deduct	-50.73	
				For 30 Degree Bend, Deduct	-90.08	
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.64	
				For 6" Overall Height Instead Of 4-5/8", Add	13.47	
26 05 36 00-0814	EA			12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	297.70	114.27
				For 60 Degree Bend, Deduct	-54.44	
				For 30 Degree Bend, Deduct	-97.08	
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.25	
				For 6" Overall Height Instead Of 4-5/8", Add	14.89	
26 05 36 00-0815	EA			18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	367.07	144.43
				For 60 Degree Bend, Deduct	-65.78	
				For 30 Degree Bend, Deduct	-117.66	
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.67	
				For 6" Overall Height Instead Of 4-5/8", Add	18.35	
26 05 36 00-0816	EA			24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	451.86	176.88
				For 60 Degree Bend, Deduct	-81.31	
				For 30 Degree Bend, Deduct	-145.34	
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-30.45	
				For 6" Overall Height Instead Of 4-5/8", Add	22.59	
26 05 36 00-0817	EA			30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	518.50	203.05
				For 60 Degree Bend, Deduct	-93.26	
				For 30 Degree Bend, Deduct	-166.72	
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.93	
				For 6" Overall Height Instead Of 4-5/8", Add	25.93	
26 05 36 00-0818	EA			36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	585.01	238.35
				For 60 Degree Bend, Deduct	-101.67	
				For 30 Degree Bend, Deduct	-182.70	
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.64	
				For 6" Overall Height Instead Of 4-5/8", Add	29.25	
26 05 36 00-0819				45 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-0786)</small>		
26 05 36 00-0820	EA			6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	276.83	85.70
				For 60 Degree Bend, Deduct	-58.52	
				For 30 Degree Bend, Deduct	-102.29	
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.55	
				For 6" Overall Height Instead Of 4-5/8", Add	13.84	
26 05 36 00-0821	EA			9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	321.58	103.29
				For 60 Degree Bend, Deduct	-66.52	
				For 30 Degree Bend, Deduct	-116.61	
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.55	
				For 6" Overall Height Instead Of 4-5/8", Add	16.08	
26 05 36 00-0822	EA			12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	352.02	119.29
				For 60 Degree Bend, Deduct	-70.44	
				For 30 Degree Bend, Deduct	-124.03	
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.26	
				For 6" Overall Height Instead Of 4-5/8", Add	17.60	
26 05 36 00-0823	EA			18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	418.65	152.32
				For 60 Degree Bend, Deduct	-79.75	
				For 30 Degree Bend, Deduct	-141.39	
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.17	
				For 6" Overall Height Instead Of 4-5/8", Add	20.93	
26 05 36 00-0824	EA			24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	506.84	189.22
				For 60 Degree Bend, Deduct	-94.74	
				For 30 Degree Bend, Deduct	-168.41	
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.92	
				For 6" Overall Height Instead Of 4-5/8", Add	25.34	
26 05 36 00-0825	EA			30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	595.61	219.50
				For 60 Degree Bend, Deduct	-112.43	
				For 30 Degree Bend, Deduct	-199.57	
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-41.27	
				For 6" Overall Height Instead Of 4-5/8", Add	29.78	
26 05 36 00-0826	EA			36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	676.79	261.32
				For 60 Degree Bend, Deduct	-123.19	
				For 30 Degree Bend, Deduct	-219.83	
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-45.91	
				For 6" Overall Height Instead Of 4-5/8", Add	33.84	
26 05 36 00-0827				45 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-0786)</small>		
26 05 36 00-0828	EA			6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	327.38	88.44
				For 60 Degree Bend, Deduct	-74.15	
				For 30 Degree Bend, Deduct	-128.49	
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.37	
				For 6" Overall Height Instead Of 4-5/8", Add	16.37	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 36 00-0829	EA	9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	362.86	107.41
		<i>For 60 Degree Bend, Deduct</i>	-78.58	
		<i>For 30 Degree Bend, Deduct</i>	-136.93	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.34	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.14	
26 05 36 00-0830	EA	12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	395.46	124.66
		<i>For 60 Degree Bend, Deduct</i>	-82.72	
		<i>For 30 Degree Bend, Deduct</i>	-144.79	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.16	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.77	
26 05 36 00-0831	EA	18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	475.85	161.34
		<i>For 60 Degree Bend, Deduct</i>	-95.17	
		<i>For 30 Degree Bend, Deduct</i>	-167.57	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.14	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	23.79	
26 05 36 00-0832	EA	24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	591.29	203.05
		<i>For 60 Degree Bend, Deduct</i>	-117.28	
		<i>For 30 Degree Bend, Deduct</i>	-206.75	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.21	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	29.56	
26 05 36 00-0833	EA	30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	665.46	238.35
		<i>For 60 Degree Bend, Deduct</i>	-128.22	
		<i>For 30 Degree Bend, Deduct</i>	-226.95	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.68	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	33.27	
26 05 36 00-0834	EA	36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	775.89	288.52
		<i>For 60 Degree Bend, Deduct</i>	-145.43	
		<i>For 30 Degree Bend, Deduct</i>	-258.42	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-53.54	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	38.79	
26 05 36 00-0835		90 Degree, 12" Radius Vertical Risers <small>(26 05 36 00-0786)</small>		
26 05 36 00-0836	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	378.56	114.27
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.33	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.93	
26 05 36 00-0837	EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	415.94	130.49
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.72	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	20.80	
26 05 36 00-0838	EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	442.25	144.32
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.20	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.11	
26 05 36 00-0839	EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	503.44	176.88
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.60	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.17	
26 05 36 00-0840	EA	24" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	557.36	203.05
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.81	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	27.87	
26 05 36 00-0841	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	610.05	228.53
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.96	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	30.50	
26 05 36 00-0842	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	670.80	260.86
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-45.34	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	33.54	
26 05 36 00-0843		90 Degree, 24" Radius Vertical Risers <small>(26 05 36 00-0786)</small>		
26 05 36 00-0844	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	402.16	119.18
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.28	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	20.11	
26 05 36 00-0845	EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	440.59	137.11
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.63	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.03	
26 05 36 00-0846	EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	471.12	152.32
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.42	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	23.56	
26 05 36 00-0847	EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	544.47	189.22
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.68	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	27.22	
26 05 36 00-0848	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	608.61	219.50
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.57	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	30.43	
26 05 36 00-0849	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	671.73	249.09
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.41	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	33.59	
26 05 36 00-0850	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	754.54	288.52
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.41	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	37.73	
26 05 36 00-0851		90 Degree, 36" Radius Vertical Risers <small>(26 05 36 00-0786)</small>		
26 05 36 00-0852	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	522.28	124.55
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.85	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.11	
26 05 36 00-0853	EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	561.97	144.32
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.17	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	28.10	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0854	EA			12" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	611.02 -47.65 30.55	161.34
26 05 36 00-0855	EA			18" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	694.17 -52.49 34.71	203.05
26 05 36 00-0856	EA			24" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	766.70 -56.81 38.34	238.35
26 05 36 00-0857	EA			30" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	853.82 -62.53 42.69	274.23
26 05 36 00-0858	EA			36" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	950.82 -68.23 47.54	322.23
26 05 36 00-0859 12" Radius Horizontal Tees (26 05 36 00-0786)						
26 05 36 00-0860	EA			6" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	582.75 -39.99 29.14	219.50
26 05 36 00-0861	EA			9" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	628.52 -42.99 31.43	238.35
26 05 36 00-0862	EA			12" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	649.98 -44.24 32.50	249.09
26 05 36 00-0863	EA			18" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	738.07 -50.95 36.90	274.23
26 05 36 00-0864	EA			24" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	816.87 -56.32 40.84	304.39
26 05 36 00-0865	EA			30" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	897.24 -62.83 44.86	322.80
26 05 36 00-0866	EA			36" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,039.50 -73.50 51.98	365.42
26 05 36 00-0867 24" Radius Horizontal Tees (26 05 36 00-0786)						
26 05 36 00-0868	EA			6" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	767.25 -56.86 38.36	238.35
26 05 36 00-0869	EA			9" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	826.74 -60.90 41.34	261.32
26 05 36 00-0870	EA			12" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	859.02 -63.05 42.95	274.23
26 05 36 00-0871	EA			18" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	944.93 -69.12 47.25	304.39
26 05 36 00-0872	EA			24" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,047.99 -76.23 52.40	342.79
26 05 36 00-0873	EA			30" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,131.99 -82.75 56.60	365.42
26 05 36 00-0874	EA			36" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,503.96 -115.22 75.20	422.20
26 05 36 00-0875 36" Radius Horizontal Tees (26 05 36 00-0786)						
26 05 36 00-0876	EA			6" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	958.36 -74.06 47.92	261.32
26 05 36 00-0877	EA			9" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,018.05 -77.76 50.90	288.52
26 05 36 00-0878	EA			12" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,094.33 -84.06 54.72	304.39
26 05 36 00-0879	EA			18" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,190.28 -90.46 59.51	342.79
26 05 36 00-0880	EA			24" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,335.18 -100.91 66.76	391.35
26 05 36 00-0881	EA			30" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,567.99 -121.62 78.40	422.20
26 05 36 00-0882	EA			36" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,790.86 -137.57 89.54	498.19

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-0883	12" Radius Vertical Tees <small>(26 05 36 00-0786)</small>		
26 05 36 00-0884	EA 6" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....825.79		203.05
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-65.66	
	For 6" Overall Height Instead Of 4-5/8", Add	41.29	
26 05 36 00-0885	EA 9" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....853.36		211.04
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-67.75	
	For 6" Overall Height Instead Of 4-5/8", Add	42.67	
26 05 36 00-0886	EA 12" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....870.88		219.50
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-68.80	
	For 6" Overall Height Instead Of 4-5/8", Add	43.54	
26 05 36 00-0887	EA 18" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....913.10		238.35
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-71.45	
	For 6" Overall Height Instead Of 4-5/8", Add	45.66	
26 05 36 00-0888	EA 24" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....973.68		249.09
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-76.61	
	For 6" Overall Height Instead Of 4-5/8", Add	48.68	
26 05 36 00-0889	EA 30" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....1,026.20		274.23
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-79.77	
	For 6" Overall Height Instead Of 4-5/8", Add	51.31	
26 05 36 00-0890	EA 36" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....1,094.33		304.39
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-84.06	
	For 6" Overall Height Instead Of 4-5/8", Add	54.72	
26 05 36 00-0891	24" Radius Vertical Tees <small>(26 05 36 00-0786)</small>		
26 05 36 00-0892	EA 6" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray .....1,191.03		219.50
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-100.82	
	For 6" Overall Height Instead Of 4-5/8", Add	59.55	
26 05 36 00-0893	EA 9" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray .....1,216.83		228.53
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-102.64	
	For 6" Overall Height Instead Of 4-5/8", Add	60.84	
26 05 36 00-0894	EA 12" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray .....1,243.92		238.35
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-104.53	
	For 6" Overall Height Instead Of 4-5/8", Add	62.20	
26 05 36 00-0895	EA 18" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray .....1,306.97		261.32
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-108.92	
	For 6" Overall Height Instead Of 4-5/8", Add	65.35	
26 05 36 00-0896	EA 24" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray .....1,349.91		274.23
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-112.14	
	For 6" Overall Height Instead Of 4-5/8", Add	67.50	
26 05 36 00-0897	EA 30" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray .....1,421.59		304.39
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-116.79	
	For 6" Overall Height Instead Of 4-5/8", Add	71.08	
26 05 36 00-0898	EA 36" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray .....1,567.34		342.79
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-128.17	
	For 6" Overall Height Instead Of 4-5/8", Add	78.37	
26 05 36 00-0899	36" Radius Vertical Tee <small>(26 05 36 00-0786)</small>		
26 05 36 00-0900	EA 6" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray .....1,967.28		238.35
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-176.86	
	For 6" Overall Height Instead Of 4-5/8", Add	98.36	
26 05 36 00-0901	EA 9" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray .....2,005.56		249.09
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-179.80	
	For 6" Overall Height Instead Of 4-5/8", Add	100.28	
26 05 36 00-0902	EA 12" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray .....2,046.19		261.32
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-182.85	
	For 6" Overall Height Instead Of 4-5/8", Add	102.31	
26 05 36 00-0903	EA 18" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray .....2,112.07		288.52
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-187.16	
	For 6" Overall Height Instead Of 4-5/8", Add	105.60	
26 05 36 00-0904	EA 24" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray .....2,158.93		304.39
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-190.52	
	For 6" Overall Height Instead Of 4-5/8", Add	107.95	
26 05 36 00-0905	EA 30" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray .....2,284.01		342.79
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-199.84	
	For 6" Overall Height Instead Of 4-5/8", Add	114.20	
26 05 36 00-0906	EA 36" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray .....2,385.27		391.35
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-205.92	
	For 6" Overall Height Instead Of 4-5/8", Add	119.26	
26 05 36 00-0907	12" Radius Horizontal Crosses <small>(26 05 36 00-0786)</small>		
26 05 36 00-0908	EA 6" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....759.41		274.23
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-53.09	
	For 6" Overall Height Instead Of 4-5/8", Add	37.97	
26 05 36 00-0909	EA 9" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....815.29		288.52
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-57.48	
	For 6" Overall Height Instead Of 4-5/8", Add	40.76	
26 05 36 00-0910	EA 12" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....845.33		304.39
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-59.16	
	For 6" Overall Height Instead Of 4-5/8", Add	42.27	
26 05 36 00-0911	EA 18" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....947.04		322.80
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-67.81	
	For 6" Overall Height Instead Of 4-5/8", Add	47.35	
26 05 36 00-0912	EA 24" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....1,032.39		365.42
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-72.79	
	For 6" Overall Height Instead Of 4-5/8", Add	51.62	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0913 EA 30" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,150.20 -82.41 57.51	391.35
26 05 36 00-0914 EA 36" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,326.10 -97.43 66.31	422.20
26 05 36 00-0915 24" Radius Horizontal Crosses <small>(26 05 36 00-0786)</small>		
26 05 36 00-0916 EA 6" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,087.22 -83.35 54.36	304.39
26 05 36 00-0917 EA 9" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,135.57 -86.66 56.78	322.80
26 05 36 00-0918 EA 12" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,186.72 -90.11 59.34	342.79
26 05 36 00-0919 EA 18" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,256.49 -95.20 62.82	365.42
26 05 36 00-0920 EA 24" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,407.92 -105.61 70.40	422.20
26 05 36 00-0921 EA 30" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,480.47 -109.96 74.02	457.05
26 05 36 00-0922 EA 36" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,640.65 -122.54 82.03	498.19
26 05 36 00-0923 36" Radius Horizontal Crosses <small>(26 05 36 00-0786)</small>		
26 05 36 00-0924 EA 6" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,254.31 -96.87 62.72	342.79
26 05 36 00-0925 EA 9" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,287.11 -98.26 64.36	365.42
26 05 36 00-0926 EA 12" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,370.90 -104.48 68.55	391.35
26 05 36 00-0927 EA 18" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,507.52 -115.57 75.38	422.20
26 05 36 00-0928 EA 24" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,826.43 -141.12 91.32	498.19
26 05 36 00-0929 EA 30" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	2,015.39 -155.91 100.77	547.55
26 05 36 00-0930 EA 36" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	2,243.82 -173.55 112.19	609.94
26 05 36 00-0931 12" Radius Vertical Cross <small>(26 05 36 00-0786)</small>		
26 05 36 00-0932 EA 6" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	759.41 -53.09 37.97	274.23
26 05 36 00-0933 EA 9" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	815.45 -57.49 40.77	288.63
26 05 36 00-0934 EA 12" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	845.24 -59.16 42.26	304.39
26 05 36 00-0935 EA 18" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	947.24 -67.82 47.36	322.91
26 05 36 00-0936 EA 24" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,032.39 -72.79 51.62	365.42
26 05 36 00-0937 EA 30" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,150.50 -82.43 57.53	391.47
26 05 36 00-0938 EA 36" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,325.24 -97.39 66.26	421.63
26 05 36 00-0939 24" Radius Vertical Crosses <small>(26 05 36 00-0786)</small>		
26 05 36 00-0940 EA 6" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,087.22 -83.35 54.36	304.39
26 05 36 00-0941 EA 9" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,135.57 -86.66 56.78	322.80

26 Electrical
26 05 Common Work Results for Electrical
26 05 36 Cable Trays for Electrical Systems

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0942	EA		12" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,186.72 -90.11 59.34	342.79
26 05 36 00-0943	EA		18" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,256.49 -95.20 62.82	365.42
26 05 36 00-0944	EA		24" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,407.92 -105.61 70.40	422.20
26 05 36 00-0945	EA		30" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,515.89 -113.50 75.79	457.05
26 05 36 00-0946	EA		36" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,680.58 -126.54 84.03	498.19
26 05 36 00-0947			36" Radius Vertical Crosses (26 05 36 00-0786)		
26 05 36 00-0948	EA		6" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,561.65 -127.60 78.08	342.79
26 05 36 00-0949	EA		9" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,640.67 -133.61 82.03	365.42
26 05 36 00-0950	EA		12" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,745.68 -141.96 87.28	391.35
26 05 36 00-0951	EA		18" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,869.29 -151.75 93.46	422.20
26 05 36 00-0952	EA		24" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	2,274.64 -185.94 113.73	498.19
26 05 36 00-0953	EA		30" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	2,511.62 -205.53 125.58	547.55
26 05 36 00-0954	EA		36" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	2,796.08 -228.78 139.80	609.94
26 05 36 00-0955			6" Rung Tray Fittings (26 05 36 00-0744)		
26 05 36 00-0956			90 Degree, 12" Radius Horizontal Elbows (26 05 36 00-0955)		
26 05 36 00-0957	EA		6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	320.65 -22.52 16.03	114.61
26 05 36 00-0958	EA		9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	350.55 -24.18 17.53	130.49
26 05 36 00-0959	EA		12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	398.06 -27.78 19.90	144.32
26 05 36 00-0960	EA		18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	472.11 -32.47 23.61	176.88
26 05 36 00-0961	EA		24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	558.45 -38.92 27.92	203.05
26 05 36 00-0962	EA		30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	614.01 -42.36 30.70	228.53
26 05 36 00-0963	EA		36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	717.71 -50.01 35.89	261.20
26 05 36 00-0964			90 Degree, 24" Radius Horizontal Elbows (26 05 36 00-0955)		
26 05 36 00-0965	EA		6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	428.50 -32.92 21.43	119.18
26 05 36 00-0966	EA		9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	468.05 -35.39 23.40	137.00
26 05 36 00-0967	EA		12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	505.11 -37.82 25.26	152.32
26 05 36 00-0968	EA		18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	587.84 -43.02 29.39	189.22
26 05 36 00-0969	EA		24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	664.57 -48.17 33.23	219.50
26 05 36 00-0970	EA		30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	741.92 -53.43 37.10	249.09
26 05 36 00-0971	EA		36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	848.67 -60.82 42.43	288.52

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 36 00-0972 90 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-0955)</small>				
26 05 36 00-0973	EA 6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	460.44		124.55
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-35.66		
	For 6" Overall Height Instead Of 4-5/8", Add	23.02		
26 05 36 00-0974	EA 9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	499.65		144.20
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-37.95		
	For 6" Overall Height Instead Of 4-5/8", Add	24.98		
26 05 36 00-0975	EA 12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	557.94		161.34
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-42.35		
	For 6" Overall Height Instead Of 4-5/8", Add	27.90		
26 05 36 00-0976	EA 18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	663.52		203.05
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-49.43		
	For 6" Overall Height Instead Of 4-5/8", Add	33.18		
26 05 36 00-0977	EA 24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	765.06		238.35
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-56.64		
	For 6" Overall Height Instead Of 4-5/8", Add	38.25		
26 05 36 00-0978	EA 30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	860.93		274.23
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-63.24		
	For 6" Overall Height Instead Of 4-5/8", Add	43.05		
26 05 36 00-0979	EA 36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	999.94		322.23
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-73.15		
	For 6" Overall Height Instead Of 4-5/8", Add	50.00		
26 05 36 00-0980 45 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-0955)</small>				
26 05 36 00-0981	EA 6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	223.77		83.06
	For 60 Degree Bend, Deduct	-42.01		
	For 30 Degree Bend, Deduct	-74.63		
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.46		
	For 6" Overall Height Instead Of 4-5/8", Add	11.19		
26 05 36 00-0982	EA 9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	254.65		99.63
	For 60 Degree Bend, Deduct	-45.86		
	For 30 Degree Bend, Deduct	-81.96		
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.17		
	For 6" Overall Height Instead Of 4-5/8", Add	12.73		
26 05 36 00-0983	EA 12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	282.38		114.27
	For 60 Degree Bend, Deduct	-49.38		
	For 30 Degree Bend, Deduct	-88.66		
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.72		
	For 6" Overall Height Instead Of 4-5/8", Add	14.12		
26 05 36 00-0984	EA 18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	349.01		144.43
	For 60 Degree Bend, Deduct	-59.82		
	For 30 Degree Bend, Deduct	-107.73		
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.87		
	For 6" Overall Height Instead Of 4-5/8", Add	17.45		
26 05 36 00-0985	EA 24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	429.43		176.88
	For 60 Degree Bend, Deduct	-73.91		
	For 30 Degree Bend, Deduct	-133.01		
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.20		
	For 6" Overall Height Instead Of 4-5/8", Add	21.47		
26 05 36 00-0986	EA 30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	492.78		203.05
	For 60 Degree Bend, Deduct	-84.77		
	For 30 Degree Bend, Deduct	-152.57		
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.36		
	For 6" Overall Height Instead Of 4-5/8", Add	24.64		
26 05 36 00-0987	EA 36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	558.20		238.35
	For 60 Degree Bend, Deduct	-92.83		
	For 30 Degree Bend, Deduct	-167.96		
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-35.96		
	For 6" Overall Height Instead Of 4-5/8", Add	27.91		
26 05 36 00-0988 45 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-0955)</small>				
26 05 36 00-0989	EA 6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	257.68		85.70
	For 60 Degree Bend, Deduct	-52.20		
	For 30 Degree Bend, Deduct	-91.76		
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.63		
	For 6" Overall Height Instead Of 4-5/8", Add	12.88		
26 05 36 00-0990	EA 9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	300.24		103.29
	For 60 Degree Bend, Deduct	-59.48		
	For 30 Degree Bend, Deduct	-104.87		
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.42		
	For 6" Overall Height Instead Of 4-5/8", Add	15.01		
26 05 36 00-0991	EA 12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	330.13		119.29
	For 60 Degree Bend, Deduct	-63.22		
	For 30 Degree Bend, Deduct	-112.00		
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.07		
	For 6" Overall Height Instead Of 4-5/8", Add	16.51		
26 05 36 00-0992	EA 18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	395.11		152.32
	For 60 Degree Bend, Deduct	-71.98		
	For 30 Degree Bend, Deduct	-128.44		
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.82		
	For 6" Overall Height Instead Of 4-5/8", Add	19.76		
26 05 36 00-0993	EA 24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	479.48		189.22
	For 60 Degree Bend, Deduct	-85.71		
	For 30 Degree Bend, Deduct	-153.36		
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.18		
	For 6" Overall Height Instead Of 4-5/8", Add	23.97		

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0994	EA		30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	562.78	219.50
			<i>For 60 Degree Bend, Deduct</i>	-101.59	
			<i>For 30 Degree Bend, Deduct</i>	-181.51	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.99	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	28.14	
26 05 36 00-0995	EA		36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	642.32	261.32
			<i>For 60 Degree Bend, Deduct</i>	-111.81	
			<i>For 30 Degree Bend, Deduct</i>	-200.87	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.46	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	32.12	
26 05 36 00-0996			45 Degree, 36" Radius Horizontal Elbows (26 05 36 00-0955)		
26 05 36 00-0997	EA		6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	301.66	88.44
			<i>For 60 Degree Bend, Deduct</i>	-65.66	
			<i>For 30 Degree Bend, Deduct</i>	-114.35	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.80	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.08	
26 05 36 00-0998	EA		9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	336.59	107.41
			<i>For 60 Degree Bend, Deduct</i>	-69.91	
			<i>For 30 Degree Bend, Deduct</i>	-122.48	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.71	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	16.83	
26 05 36 00-0999	EA		12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	368.65	124.66
			<i>For 60 Degree Bend, Deduct</i>	-73.87	
			<i>For 30 Degree Bend, Deduct</i>	-130.05	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.48	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.43	
26 05 36 00-1000	EA		18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	446.29	161.34
			<i>For 60 Degree Bend, Deduct</i>	-85.41	
			<i>For 30 Degree Bend, Deduct</i>	-151.32	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.18	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.31	
26 05 36 00-1001	EA		24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	555.17	203.05
			<i>For 60 Degree Bend, Deduct</i>	-105.36	
			<i>For 30 Degree Bend, Deduct</i>	-186.89	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.59	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	27.76	
26 05 36 00-1002	EA		30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	627.15	238.35
			<i>For 60 Degree Bend, Deduct</i>	-115.58	
			<i>For 30 Degree Bend, Deduct</i>	-205.88	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.85	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	31.36	
26 05 36 00-1003	EA		36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	733.75	288.52
			<i>For 60 Degree Bend, Deduct</i>	-131.53	
			<i>For 30 Degree Bend, Deduct</i>	-235.24	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-49.33	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	36.69	
26 05 36 00-1004			90 Degree, 12" Radius Vertical Risers (26 05 36 00-0955)		
26 05 36 00-1005	EA		6" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	363.51	114.27
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.83	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.18	
26 05 36 00-1006	EA		9" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	400.07	130.49
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.13	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	20.00	
26 05 36 00-1007	EA		12" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	426.11	144.32
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.59	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	21.31	
26 05 36 00-1008	EA		18" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	486.75	176.88
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.94	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	24.34	
26 05 36 00-1009	EA		24" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	539.84	203.05
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.06	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.99	
26 05 36 00-1010	EA		30" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	591.71	228.53
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.13	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	29.59	
26 05 36 00-1011	EA		36" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	651.92	260.86
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.45	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	32.60	
26 05 36 00-1012			90 Degree, 24" Radius Vertical Risers (26 05 36 00-0955)		
26 05 36 00-1013	EA		6" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	385.88	119.18
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.66	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.29	
26 05 36 00-1014	EA		9" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	423.63	137.11
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.94	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	21.18	
26 05 36 00-1015	EA		12" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	453.74	152.32
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.68	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.69	
26 05 36 00-1016	EA		18" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	526.13	189.22
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.85	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.31	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1017	EA			24" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	589.18 -40.63 29.46	219.50
26 05 36 00-1018	EA			30" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	651.21 -44.36 32.56	249.09
26 05 36 00-1019	EA			36" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	732.65 -49.22 36.63	288.52
26 05 36 00-1020				90 Degree, 36" Radius Vertical Risers (26 05 36 00-0955)		
26 05 36 00-1021	EA			6" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	497.10 -39.33 24.86	124.55
26 05 36 00-1022	EA			9" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	536.25 -41.60 26.81	144.32
26 05 36 00-1023	EA			12" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	583.66 -44.92 29.18	161.34
26 05 36 00-1024	EA			18" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	665.71 -49.65 33.29	203.05
26 05 36 00-1025	EA			24" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	737.15 -53.85 36.86	238.35
26 05 36 00-1026	EA			30" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	822.08 -59.36 41.10	274.23
26 05 36 00-1027	EA			36" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	917.71 -64.92 45.89	322.23
26 05 36 00-1028				12" Radius Horizontal Tees (26 05 36 00-0955)		
26 05 36 00-1029	EA			6" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	566.06 -38.32 28.30	219.50
26 05 36 00-1030	EA			9" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	610.73 -41.21 30.54	238.35
26 05 36 00-1031	EA			12" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	631.92 -42.43 31.60	249.09
26 05 36 00-1032	EA			18" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	716.45 -48.79 35.82	274.23
26 05 36 00-1033	EA			24" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	793.06 -53.94 39.65	304.39
26 05 36 00-1034	EA			30" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	869.60 -60.06 43.48	322.80
26 05 36 00-1035	EA			36" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,006.39 -70.19 50.32	365.42
26 05 36 00-1036				24" Radius Horizontal Tees (26 05 36 00-0955)		
26 05 36 00-1037	EA			6" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	738.79 -54.01 36.94	238.35
26 05 36 00-1038	EA			9" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	796.64 -57.89 39.83	261.32
26 05 36 00-1039	EA			12" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	828.09 -59.96 41.40	274.23
26 05 36 00-1040	EA			18" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	911.27 -65.76 45.56	304.39
26 05 36 00-1041	EA			24" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,011.32 -72.57 50.57	342.79
26 05 36 00-1042	EA			30" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,091.77 -78.72 54.59	365.42
26 05 36 00-1043	EA			36" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,442.40 -109.06 72.12	422.20
26 05 36 00-1044				36" Radius Horizontal Tees (26 05 36 00-0955)		
26 05 36 00-1045	EA			6" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	918.14 -70.04 45.91	261.32

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 36 00-1046	EA	9" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	976.73	288.52
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-73.63	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	48.84	
26 05 36 00-1047	EA	12" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,049.18	304.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-79.55	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	52.46	
26 05 36 00-1048	EA	18" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,142.66	342.79
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-85.70	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	57.13	
26 05 36 00-1049	EA	24" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,282.64	391.35
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-95.65	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	64.13	
26 05 36 00-1050	EA	30" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,501.50	422.20
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-114.97	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	75.08	
26 05 36 00-1051	EA	36" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,716.98	498.19
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-130.18	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	85.85	
26 05 36 00-1052 12" Radius Vertical Tees (26 05 36 00-0955)				
26 05 36 00-1053	EA	6" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	788.30	203.05
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-61.91	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	39.42	
26 05 36 00-1054	EA	9" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	814.78	211.04
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-63.89	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	40.74	
26 05 36 00-1055	EA	12" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	832.03	219.50
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-64.92	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	41.60	
26 05 36 00-1056	EA	18" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	873.42	238.35
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-67.48	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	43.67	
26 05 36 00-1057	EA	24" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	930.72	249.09
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-72.31	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	46.54	
26 05 36 00-1058	EA	30" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	982.42	274.23
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-75.39	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	49.12	
26 05 36 00-1059	EA	36" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,049.18	304.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-79.55	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	52.46	
26 05 36 00-1060 24" Radius Vertical Tees (26 05 36 00-0955)				
26 05 36 00-1061	EA	6" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,127.55	219.50
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-94.47	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	56.38	
26 05 36 00-1062	EA	9" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,152.52	228.53
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-96.21	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	57.63	
26 05 36 00-1063	EA	12" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,178.79	238.35
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-98.01	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	58.94	
26 05 36 00-1064	EA	18" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,239.93	261.32
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-102.22	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	62.00	
26 05 36 00-1065	EA	24" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,281.23	274.23
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-105.27	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	64.06	
26 05 36 00-1066	EA	30" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,351.27	304.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-109.76	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	67.56	
26 05 36 00-1067	EA	36" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,490.72	342.79
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-120.51	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	74.54	
26 05 36 00-1068 36" Radius Vertical Tees (26 05 36 00-0955)				
26 05 36 00-1069	EA	6" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,846.51	238.35
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-164.79	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	92.33	
26 05 36 00-1070	EA	9" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,883.22	249.09
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-167.56	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	94.16	
26 05 36 00-1071	EA	12" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,922.29	261.32
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-170.46	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	96.11	
26 05 36 00-1072	EA	18" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,986.60	288.52
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-174.61	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	99.33	
26 05 36 00-1073	EA	24" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,031.89	304.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-177.82	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	101.59	
26 05 36 00-1074	EA	30" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,152.27	342.79
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-186.66	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	107.61	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1075	EA		36" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	2,251.95 -192.59 112.60	391.35
26 05 36 00-1076			12" Radius Horizontal Crosses <small>(26 05 36 00-0955)</small>		
26 05 36 00-1077	EA		6" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	736.15 -50.76 36.81	274.23
26 05 36 00-1078	EA		9" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	789.57 -54.91 39.48	288.52
26 05 36 00-1079	EA		12" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	819.33 -56.56 40.97	304.39
26 05 36 00-1080	EA		18" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	915.57 -64.66 45.78	322.80
26 05 36 00-1081	EA		24" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	999.83 -69.53 49.99	365.42
26 05 36 00-1082	EA		30" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,111.89 -78.58 55.59	391.35
26 05 36 00-1083	EA		36" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,278.22 -92.64 63.91	422.20
26 05 36 00-1084			24" Radius Horizontal Crosses <small>(26 05 36 00-0955)</small>		
26 05 36 00-1085	EA		6" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,042.61 -78.89 52.13	304.39
26 05 36 00-1086	EA		9" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,089.60 -82.06 54.48	322.80
26 05 36 00-1087	EA		12" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,139.38 -85.37 56.97	342.79
26 05 36 00-1088	EA		18" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,206.69 -90.22 60.33	365.42
26 05 36 00-1089	EA		24" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,353.74 -100.19 67.69	422.20
26 05 36 00-1090	EA		30" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,457.88 -107.70 72.89	457.05
26 05 36 00-1091	EA		36" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,615.19 -120.00 80.76	498.19
26 05 36 00-1092			36" Radius Horizontal Crosses <small>(26 05 36 00-0955)</small>		
26 05 36 00-1093	EA		6" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,201.77 -91.61 60.09	342.79
26 05 36 00-1094	EA		9" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,265.80 -96.13 63.29	365.42
26 05 36 00-1095	EA		12" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,348.31 -102.22 67.42	391.35
26 05 36 00-1096	EA		18" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,445.68 -109.39 72.28	422.20
26 05 36 00-1097	EA		24" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,749.81 -133.46 87.49	498.19
26 05 36 00-1098	EA		30" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,930.56 -147.42 96.53	547.55
26 05 36 00-1099	EA		36" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	2,149.42 -164.11 107.47	609.94
26 05 36 00-1100			12" Radius Vertical Crosses <small>(26 05 36 00-0955)</small>		
26 05 36 00-1101	EA		6" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	736.15 -50.76 36.81	274.23
26 05 36 00-1102	EA		9" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	789.73 -54.92 39.49	288.63
26 05 36 00-1103	EA		12" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	819.24 -56.56 40.96	304.39

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-1104	EA 18" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	915.77 -64.67 45.79	322.91
26 05 36 00-1105	EA 24" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	999.83 -69.53 49.99	365.42
26 05 36 00-1106	EA 30" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,112.19 -78.59 55.61	391.47
26 05 36 00-1107	EA 36" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,277.36 -92.60 63.87	421.63
26 05 36 00-1108	24" Radius Vertical Crosses <small>(26 05 36 00-0955)</small>		
26 05 36 00-1109	EA 6" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,042.61 -78.89 52.13	304.39
26 05 36 00-1110	EA 9" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,089.60 -82.06 54.48	322.80
26 05 36 00-1111	EA 12" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,139.38 -85.37 56.97	342.79
26 05 36 00-1112	EA 18" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,206.69 -90.22 60.33	365.42
26 05 36 00-1113	EA 24" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,353.74 -100.19 67.69	422.20
26 05 36 00-1114	EA 30" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,457.88 -107.70 72.89	457.05
26 05 36 00-1115	EA 36" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,615.19 -120.00 80.76	498.19
26 05 36 00-1116	36" Radius Vertical Crosses <small>(26 05 36 00-0955)</small>		
26 05 36 00-1117	EA 6" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,485.47 -119.98 74.27	342.79
26 05 36 00-1118	EA 9" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,561.32 -125.68 78.07	365.42
26 05 36 00-1119	EA 12" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,661.56 -133.55 83.08	391.35
26 05 36 00-1120	EA 18" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,779.62 -142.78 88.98	422.20
26 05 36 00-1121	EA 24" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	2,163.55 -174.83 108.18	498.19
26 05 36 00-1122	EA 30" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	2,388.62 -193.23 119.43	547.55
26 05 36 00-1123	EA 36" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	2,659.19 -215.09 132.96	609.94
26 05 36 00-1124	9" Rung Tray Fittings <small>(26 05 36 00-0744)</small>		
26 05 36 00-1125	90 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-1124)</small>		
26 05 36 00-1126	EA 6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	299.03 -20.36 14.95	114.61
26 05 36 00-1127	EA 9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	328.38 -21.96 16.42	130.49
26 05 36 00-1128	EA 12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	371.79 -25.16 18.59	144.32
26 05 36 00-1129	EA 18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	442.56 -29.52 22.13	176.88
26 05 36 00-1130	EA 24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	521.78 -35.26 26.09	203.05
26 05 36 00-1131	EA 30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	575.16 -38.47 28.76	228.53
26 05 36 00-1132	EA 36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	670.64 -45.30 33.53	261.20
26 05 36 00-1133	90 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-1124)</small>		

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

26 05 36 00-1134	EA 6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	390.19	119.18
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.09	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.51	
26 05 36 00-1135	EA 9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	428.10	137.00
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.39	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	21.41	
26 05 36 00-1136	EA 12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	463.25	152.32
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.63	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	23.16	
26 05 36 00-1137	EA 18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	542.41	189.22
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.48	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	27.12	
26 05 36 00-1138	EA 24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	614.77	219.50
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.19	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	30.74	
26 05 36 00-1139	EA 30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	687.46	249.09
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-47.99	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	34.37	
26 05 36 00-1140	EA 36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	787.38	288.52
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-54.69	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	39.37	
26 05 36 00-1141	90 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-1124)</small>		
26 05 36 00-1142	EA 6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	418.30	124.55
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.45	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	20.92	
26 05 36 00-1143	EA 9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	456.42	144.20
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.63	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.82	
26 05 36 00-1144	EA 12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	509.78	161.34
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.53	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.49	
26 05 36 00-1145	EA 18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	609.35	203.05
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.01	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	30.47	
26 05 36 00-1146	EA 24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	703.77	238.35
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.51	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	35.19	
26 05 36 00-1147	EA 30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	793.62	274.23
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.51	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	39.68	
26 05 36 00-1148	EA 36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	922.77	322.23
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-65.43	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	46.14	
26 05 36 00-1149	45 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-1124)</small>		
26 05 36 00-1150	EA 6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	209.54	83.06
	<i>For 60 Degree Bend, Deduct</i>	-37.32	
	<i>For 30 Degree Bend, Deduct</i>	-66.81	
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.03	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	10.48	
26 05 36 00-1151	EA 9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	239.87	99.63
	<i>For 60 Degree Bend, Deduct</i>	-40.98	
	<i>For 30 Degree Bend, Deduct</i>	-73.83	
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.69	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	11.99	
26 05 36 00-1152	EA 12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	267.06	114.27
	<i>For 60 Degree Bend, Deduct</i>	-44.33	
	<i>For 30 Degree Bend, Deduct</i>	-80.23	
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.18	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	13.35	
26 05 36 00-1153	EA 18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	330.95	144.43
	<i>For 60 Degree Bend, Deduct</i>	-53.86	
	<i>For 30 Degree Bend, Deduct</i>	-97.80	
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.06	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	16.55	
26 05 36 00-1154	EA 24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	406.99	176.88
	<i>For 60 Degree Bend, Deduct</i>	-66.50	
	<i>For 30 Degree Bend, Deduct</i>	-120.66	
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.96	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	20.35	
26 05 36 00-1155	EA 30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	467.06	203.05
	<i>For 60 Degree Bend, Deduct</i>	-76.29	
	<i>For 30 Degree Bend, Deduct</i>	-138.43	
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.78	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	23.35	
26 05 36 00-1156	EA 36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	531.38	238.35
	<i>For 60 Degree Bend, Deduct</i>	-83.98	
	<i>For 30 Degree Bend, Deduct</i>	-153.20	
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.27	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.57	
26 05 36 00-1157	45 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-1124)</small>		

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1158	EA		6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	238.52	85.70
			<i>For 60 Degree Bend, Deduct</i>	-45.88	
			<i>For 30 Degree Bend, Deduct</i>	-81.22	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.71	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	11.93	
26 05 36 00-1159	EA		9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	278.90	103.29
			<i>For 60 Degree Bend, Deduct</i>	-52.44	
			<i>For 30 Degree Bend, Deduct</i>	-93.13	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.28	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	13.95	
26 05 36 00-1160	EA		12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	308.24	119.29
			<i>For 60 Degree Bend, Deduct</i>	-56.00	
			<i>For 30 Degree Bend, Deduct</i>	-99.96	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.88	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.41	
26 05 36 00-1161	EA		18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	371.58	152.32
			<i>For 60 Degree Bend, Deduct</i>	-64.22	
			<i>For 30 Degree Bend, Deduct</i>	-115.50	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.46	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.58	
26 05 36 00-1162	EA		24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	452.12	189.22
			<i>For 60 Degree Bend, Deduct</i>	-76.68	
			<i>For 30 Degree Bend, Deduct</i>	-138.31	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.45	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.61	
26 05 36 00-1163	EA		30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	529.94	219.50
			<i>For 60 Degree Bend, Deduct</i>	-90.76	
			<i>For 30 Degree Bend, Deduct</i>	-163.45	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.71	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.50	
26 05 36 00-1164	EA		36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	607.84	261.32
			<i>For 60 Degree Bend, Deduct</i>	-100.43	
			<i>For 30 Degree Bend, Deduct</i>	-181.90	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.01	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	30.39	
26 05 36 00-1165			45 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-1124)</small>		
26 05 36 00-1166	EA		6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	275.94	88.44
			<i>For 60 Degree Bend, Deduct</i>	-57.17	
			<i>For 30 Degree Bend, Deduct</i>	-100.20	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.23	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	13.80	
26 05 36 00-1167	EA		9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	310.32	107.41
			<i>For 60 Degree Bend, Deduct</i>	-61.24	
			<i>For 30 Degree Bend, Deduct</i>	-108.03	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.08	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.52	
26 05 36 00-1168	EA		12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	341.83	124.66
			<i>For 60 Degree Bend, Deduct</i>	-65.02	
			<i>For 30 Degree Bend, Deduct</i>	-115.29	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.80	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	17.09	
26 05 36 00-1169	EA		18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	416.74	161.34
			<i>For 60 Degree Bend, Deduct</i>	-75.66	
			<i>For 30 Degree Bend, Deduct</i>	-135.06	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.23	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	20.84	
26 05 36 00-1170	EA		24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	519.05	203.05
			<i>For 60 Degree Bend, Deduct</i>	-93.44	
			<i>For 30 Degree Bend, Deduct</i>	-167.02	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.98	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.95	
26 05 36 00-1171	EA		30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	588.84	238.35
			<i>For 60 Degree Bend, Deduct</i>	-102.94	
			<i>For 30 Degree Bend, Deduct</i>	-184.81	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.02	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	29.44	
26 05 36 00-1172	EA		36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	691.61	288.52
			<i>For 60 Degree Bend, Deduct</i>	-117.62	
			<i>For 30 Degree Bend, Deduct</i>	-212.07	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-45.12	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	34.58	
26 05 36 00-1173			90 Degree, 12" Radius Vertical Risers <small>(26 05 36 00-1124)</small>		
26 05 36 00-1174	EA		6" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	340.94	114.27
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.57	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	17.05	
26 05 36 00-1175	EA		9" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	376.27	130.49
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.75	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.81	
26 05 36 00-1176	EA		12" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	401.89	144.32
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.17	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	20.09	
26 05 36 00-1177	EA		18" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	461.72	176.88
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.43	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	23.09	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1178	EA			24" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	513.57 -34.43 25.68	203.05
26 05 36 00-1179	EA			30" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	564.21 -37.38 28.21	228.53
26 05 36 00-1180	EA			36" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	623.60 -40.62 31.18	260.86
26 05 36 00-1181 90 Degree, 24" Radius Vertical Risers <small>(26 05 36 00-1124)</small>						
26 05 36 00-1182	EA			6" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	361.46 -26.21 18.07	119.18
26 05 36 00-1183	EA			9" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	398.18 -28.39 19.91	137.11
26 05 36 00-1184	EA			12" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	427.68 -30.07 21.38	152.32
26 05 36 00-1185	EA			18" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	498.63 -34.10 24.93	189.22
26 05 36 00-1186	EA			24" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	560.04 -37.72 28.00	219.50
26 05 36 00-1187	EA			30" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	620.42 -41.28 31.02	249.09
26 05 36 00-1188	EA			36" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	699.82 -45.94 34.99	288.52
26 05 36 00-1189 90 Degree, 36" Radius Vertical Risers <small>(26 05 36 00-1124)</small>						
26 05 36 00-1190	EA			6" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	459.34 -35.55 22.97	124.55
26 05 36 00-1191	EA			9" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	497.66 -37.74 24.88	144.32
26 05 36 00-1192	EA			12" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	542.61 -40.81 27.13	161.34
26 05 36 00-1193	EA			18" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	623.03 -45.38 31.15	203.05
26 05 36 00-1194	EA			24" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	692.82 -49.42 34.64	238.35
26 05 36 00-1195	EA			30" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	774.46 -54.59 38.72	274.23
26 05 36 00-1196	EA			36" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	868.04 -59.96 43.40	322.23
26 05 36 00-1197 12" Radius Horizontal Tees <small>(26 05 36 00-1124)</small>						
26 05 36 00-1198	EA			6" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	532.68 -34.98 26.63	219.50
26 05 36 00-1199	EA			9" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	575.16 -37.65 28.76	238.35
26 05 36 00-1200	EA			12" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	595.80 -38.82 29.79	249.09
26 05 36 00-1201	EA			18" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	673.22 -44.47 33.66	274.23
26 05 36 00-1202	EA			24" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	745.45 -49.18 37.27	304.39
26 05 36 00-1203	EA			30" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	814.33 -54.54 40.72	322.80
26 05 36 00-1204	EA			36" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	940.17 -63.56 47.01	365.42
26 05 36 00-1205 24" Radius Horizontal Tees <small>(26 05 36 00-1124)</small>						
26 05 36 00-1206	EA			6" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	681.88 -48.32 34.09	238.35

26 Electrical
26 05 Common Work Results for Electrical
26 05 36 Cable Trays for Electrical Systems

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1207	EA		9" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	736.45 -51.87 36.82	261.32
26 05 36 00-1208	EA		12" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	766.25 -53.77 38.31	274.23
26 05 36 00-1209	EA		18" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	843.96 -59.03 42.20	304.39
26 05 36 00-1210	EA		24" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	937.99 -65.23 46.90	342.79
26 05 36 00-1211	EA		30" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	1,011.32 -70.68 50.57	365.42
26 05 36 00-1212	EA		36" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	1,319.26 -96.75 65.96	422.20
26 05 36 00-1213			36" Radius Horizontal Tees (26 05 36 00-1124)		
26 05 36 00-1214	EA		6" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	837.69 -62.00 41.88	261.32
26 05 36 00-1215	EA		9" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	894.09 -65.36 44.70	288.52
26 05 36 00-1216	EA		12" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	958.88 -70.52 47.94	304.39
26 05 36 00-1217	EA		18" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	1,047.44 -76.18 52.37	342.79
26 05 36 00-1218	EA		24" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	1,177.56 -85.15 58.88	391.35
26 05 36 00-1219	EA		30" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	1,368.52 -101.67 68.43	422.20
26 05 36 00-1220	EA		36" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	1,569.22 -115.40 78.46	498.19
26 05 36 00-1221			12" Radius Vertical Tees (26 05 36 00-1124)		
26 05 36 00-1222	EA		6" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	713.33 -54.41 35.67	203.05
26 05 36 00-1223	EA		9" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	737.61 -56.17 36.88	211.04
26 05 36 00-1224	EA		12" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	754.32 -57.14 37.72	219.50
26 05 36 00-1225	EA		18" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	794.07 -59.54 39.70	238.35
26 05 36 00-1226	EA		24" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	844.80 -63.72 42.24	249.09
26 05 36 00-1227	EA		30" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	894.86 -66.63 44.74	274.23
26 05 36 00-1228	EA		36" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	958.88 -70.52 47.94	304.39
26 05 36 00-1229			24" Radius Vertical Tees (26 05 36 00-1124)		
26 05 36 00-1230	EA		6" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	1,000.59 -81.77 50.03	219.50
26 05 36 00-1231	EA		9" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	1,023.92 -83.35 51.20	228.53
26 05 36 00-1232	EA		12" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	1,048.54 -84.99 52.43	238.35
26 05 36 00-1233	EA		18" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	1,105.85 -88.81 55.29	261.32
26 05 36 00-1234	EA		24" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	1,143.87 -91.53 57.19	274.23
26 05 36 00-1235	EA		30" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	1,210.62 -95.69 60.53	304.39

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1236 EA 36" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,337.49 -105.18 66.87	342.79
26 05 36 00-1237 36" Radius Vertical Tees <small>(26 05 36 00-1124)</small>		
26 05 36 00-1238 EA 6" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,604.97 -140.63 80.25	238.35
26 05 36 00-1239 EA 9" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,638.55 -143.10 81.93	249.09
26 05 36 00-1240 EA 12" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,674.48 -145.68 83.72	261.32
26 05 36 00-1241 EA 18" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,735.65 -149.52 86.78	288.52
26 05 36 00-1242 EA 24" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,777.81 -152.41 88.89	304.39
26 05 36 00-1243 EA 30" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,888.78 -160.31 94.44	342.79
26 05 36 00-1244 EA 36" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,985.33 -165.92 99.27	391.35
26 05 36 00-1245 12" Radius Horizontal Crosses <small>(26 05 36 00-1124)</small>		
26 05 36 00-1246 EA 6" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	689.64 -46.11 34.48	274.23
26 05 36 00-1247 EA 9" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	738.12 -49.77 36.91	288.52
26 05 36 00-1248 EA 12" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	767.34 -51.36 38.37	304.39
26 05 36 00-1249 EA 18" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	852.64 -58.37 42.63	322.80
26 05 36 00-1250 EA 24" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	934.70 -63.02 46.74	365.42
26 05 36 00-1251 EA 30" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,035.27 -70.92 51.76	391.35
26 05 36 00-1252 EA 36" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,182.45 -83.07 59.12	422.20
26 05 36 00-1253 24" Radius Horizontal Crosses <small>(26 05 36 00-1124)</small>		
26 05 36 00-1254 EA 6" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	953.41 -69.97 47.67	304.39
26 05 36 00-1255 EA 9" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	997.66 -72.87 49.88	322.80
26 05 36 00-1256 EA 12" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,044.70 -75.90 52.24	342.79
26 05 36 00-1257 EA 18" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,107.09 -80.26 55.35	365.42
26 05 36 00-1258 EA 24" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,245.38 -89.36 62.27	422.20
26 05 36 00-1259 EA 30" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,341.86 -96.10 67.09	457.05
26 05 36 00-1260 EA 36" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,484.39 -106.92 74.22	498.19
26 05 36 00-1261 36" Radius Horizontal Crosses <small>(26 05 36 00-1124)</small>		
26 05 36 00-1262 EA 6" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,096.69 -81.10 54.83	342.79
26 05 36 00-1263 EA 9" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,156.34 -85.18 57.82	365.42
26 05 36 00-1264 EA 12" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,232.29 -90.62 61.61	391.35

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 36 00-1265	EA	18" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,322.00	422.20
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-97.02	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	66.10	
26 05 36 00-1266	EA	24" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,596.58	498.19
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-118.14	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	79.83	
26 05 36 00-1267	EA	30" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,760.91	547.55
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-130.46	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	88.05	
26 05 36 00-1268	EA	36" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,960.61	609.94
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-145.23	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	98.03	
26 05 36 00-1269		12" Radius Vertical Crosses <small>(26 05 36 00-1124)</small>		
26 05 36 00-1270	EA	6" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	689.64	274.23
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.11	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	34.48	
26 05 36 00-1271	EA	9" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	738.12	288.52
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-49.77	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	36.91	
26 05 36 00-1272	EA	12" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	767.34	304.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.36	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	38.37	
26 05 36 00-1273	EA	18" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	852.64	322.80
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-58.37	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	42.63	
26 05 36 00-1274	EA	24" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	934.70	365.42
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-63.02	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	46.74	
26 05 36 00-1275	EA	30" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	1,035.27	391.35
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-70.92	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	51.76	
26 05 36 00-1276	EA	36" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	1,180.73	421.06
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-82.98	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	59.04	
26 05 36 00-1277		24" Radius Vertical Crosses <small>(26 05 36 00-1124)</small>		
26 05 36 00-1278	EA	6" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	953.41	304.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-69.97	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	47.67	
26 05 36 00-1279	EA	9" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	997.66	322.80
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-72.87	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	49.88	
26 05 36 00-1280	EA	12" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,044.70	342.79
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-75.90	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	52.24	
26 05 36 00-1281	EA	18" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,107.09	365.42
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-80.26	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	55.35	
26 05 36 00-1282	EA	24" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,245.38	422.20
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-89.36	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	62.27	
26 05 36 00-1283	EA	30" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,341.86	457.05
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-96.10	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	67.09	
26 05 36 00-1284	EA	36" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,484.39	498.19
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-106.92	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	74.22	
26 05 36 00-1285		36" Radius Vertical Crosses <small>(26 05 36 00-1124)</small>		
26 05 36 00-1286	EA	6" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,333.11	342.79
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-104.75	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	66.66	
26 05 36 00-1287	EA	9" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,402.61	365.42
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-109.81	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	70.13	
26 05 36 00-1288	EA	12" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,493.33	391.35
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-116.72	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	74.67	
26 05 36 00-1289	EA	18" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,600.28	422.20
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-124.85	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	80.01	
26 05 36 00-1290	EA	24" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,941.36	498.19
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-152.62	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	97.07	
26 05 36 00-1291	EA	30" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	2,142.63	547.55
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-168.63	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	107.13	
26 05 36 00-1292	EA	36" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	2,385.42	609.94
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-187.71	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	119.27	
26 05 36 00-1293		12" Rung Tray Fittings <small>(26 05 36 00-0744)</small>		
26 05 36 00-1294		90 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-1293)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1295 EA 6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	291.47	114.61
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.60	
For 6" Overall Height Instead Of 4-5/8", Add	14.57	
26 05 36 00-1296 EA 9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	320.62	130.49
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.18	
For 6" Overall Height Instead Of 4-5/8", Add	16.03	
26 05 36 00-1297 EA 12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	362.60	144.32
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.24	
For 6" Overall Height Instead Of 4-5/8", Add	18.13	
26 05 36 00-1298 EA 18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	432.22	176.88
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.48	
For 6" Overall Height Instead Of 4-5/8", Add	21.61	
26 05 36 00-1299 EA 24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	508.95	203.05
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-33.97	
For 6" Overall Height Instead Of 4-5/8", Add	25.45	
26 05 36 00-1300 EA 30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	561.56	228.53
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-37.11	
For 6" Overall Height Instead Of 4-5/8", Add	28.08	
26 05 36 00-1301 EA 36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	654.17	261.20
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-43.65	
For 6" Overall Height Instead Of 4-5/8", Add	32.71	
26 05 36 00-1302 90 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-1293)</small>		
26 05 36 00-1303 EA 6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	376.78	119.18
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.75	
For 6" Overall Height Instead Of 4-5/8", Add	18.84	
26 05 36 00-1304 EA 9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	414.12	137.00
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.99	
For 6" Overall Height Instead Of 4-5/8", Add	20.71	
26 05 36 00-1305 EA 12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	448.60	152.32
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.16	
For 6" Overall Height Instead Of 4-5/8", Add	22.43	
26 05 36 00-1306 EA 18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	526.52	189.22
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.89	
For 6" Overall Height Instead Of 4-5/8", Add	26.33	
26 05 36 00-1307 EA 24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	597.33	219.50
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-41.45	
For 6" Overall Height Instead Of 4-5/8", Add	29.87	
26 05 36 00-1308 EA 30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	668.41	249.09
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-46.08	
For 6" Overall Height Instead Of 4-5/8", Add	33.42	
26 05 36 00-1309 EA 36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	765.93	288.52
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-52.55	
For 6" Overall Height Instead Of 4-5/8", Add	38.30	
26 05 36 00-1310 90 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-1293)</small>		
26 05 36 00-1311 EA 6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	403.55	124.55
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.98	
For 6" Overall Height Instead Of 4-5/8", Add	20.18	
26 05 36 00-1312 EA 9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	441.29	144.20
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.12	
For 6" Overall Height Instead Of 4-5/8", Add	22.06	
26 05 36 00-1313 EA 12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	492.92	161.34
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-35.84	
For 6" Overall Height Instead Of 4-5/8", Add	24.65	
26 05 36 00-1314 EA 18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	590.38	203.05
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-42.12	
For 6" Overall Height Instead Of 4-5/8", Add	29.52	
26 05 36 00-1315 EA 24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	682.32	238.35
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-48.37	
For 6" Overall Height Instead Of 4-5/8", Add	34.12	
26 05 36 00-1316 EA 30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	770.06	274.23
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-54.15	
For 6" Overall Height Instead Of 4-5/8", Add	38.50	
26 05 36 00-1317 EA 36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	895.76	322.23
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-62.73	
For 6" Overall Height Instead Of 4-5/8", Add	44.79	
26 05 36 00-1318 45 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-1293)</small>		
26 05 36 00-1319 EA 6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	204.56	83.06
For 60 Degree Bend, Deduct	-35.67	
For 30 Degree Bend, Deduct	-64.07	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.54	
For 6" Overall Height Instead Of 4-5/8", Add	10.23	
26 05 36 00-1320 EA 9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	234.70	99.63
For 60 Degree Bend, Deduct	-39.27	
For 30 Degree Bend, Deduct	-70.99	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.17	
For 6" Overall Height Instead Of 4-5/8", Add	11.74	
26 05 36 00-1321 EA 12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	261.69	114.27
For 60 Degree Bend, Deduct	-42.56	
For 30 Degree Bend, Deduct	-77.28	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.65	
For 6" Overall Height Instead Of 4-5/8", Add	13.08	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 36 00-1322	EA	18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	324.63	144.43
		<i>For 60 Degree Bend, Deduct</i>	-51.78	
		<i>For 30 Degree Bend, Deduct</i>	-94.32	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.43	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	16.23	
26 05 36 00-1323	EA	24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	399.14	176.88
		<i>For 60 Degree Bend, Deduct</i>	-63.91	
		<i>For 30 Degree Bend, Deduct</i>	-116.35	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.17	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.96	
26 05 36 00-1324	EA	30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	458.05	203.05
		<i>For 60 Degree Bend, Deduct</i>	-73.31	
		<i>For 30 Degree Bend, Deduct</i>	-133.47	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.88	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.90	
26 05 36 00-1325	EA	36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	521.99	238.35
		<i>For 60 Degree Bend, Deduct</i>	-80.88	
		<i>For 30 Degree Bend, Deduct</i>	-148.04	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.33	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.10	
26 05 36 00-1326 45 Degree, 24" Radius Horizontal Elbows (26 05 36 00-1293)				
26 05 36 00-1327	EA	6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	231.82	85.70
		<i>For 60 Degree Bend, Deduct</i>	-43.67	
		<i>For 30 Degree Bend, Deduct</i>	-77.54	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.04	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	11.59	
26 05 36 00-1328	EA	9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	271.43	103.29
		<i>For 60 Degree Bend, Deduct</i>	-49.97	
		<i>For 30 Degree Bend, Deduct</i>	-89.02	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.53	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	13.57	
26 05 36 00-1329	EA	12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	300.58	119.29
		<i>For 60 Degree Bend, Deduct</i>	-53.47	
		<i>For 30 Degree Bend, Deduct</i>	-95.74	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.12	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.03	
26 05 36 00-1330	EA	18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	363.35	152.32
		<i>For 60 Degree Bend, Deduct</i>	-61.50	
		<i>For 30 Degree Bend, Deduct</i>	-110.97	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.64	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.17	
26 05 36 00-1331	EA	24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	442.54	189.22
		<i>For 60 Degree Bend, Deduct</i>	-73.52	
		<i>For 30 Degree Bend, Deduct</i>	-133.04	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.49	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.13	
26 05 36 00-1332	EA	30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	518.45	219.50
		<i>For 60 Degree Bend, Deduct</i>	-86.96	
		<i>For 30 Degree Bend, Deduct</i>	-157.13	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.56	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.92	
26 05 36 00-1333	EA	36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	595.77	261.32
		<i>For 60 Degree Bend, Deduct</i>	-96.45	
		<i>For 30 Degree Bend, Deduct</i>	-175.27	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.80	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	29.79	
26 05 36 00-1334 45 Degree, 36" Radius Horizontal Elbows (26 05 36 00-1293)				
26 05 36 00-1335	EA	6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	266.93	88.44
		<i>For 60 Degree Bend, Deduct</i>	-54.20	
		<i>For 30 Degree Bend, Deduct</i>	-95.25	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.33	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	13.35	
26 05 36 00-1336	EA	9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	301.13	107.41
		<i>For 60 Degree Bend, Deduct</i>	-58.21	
		<i>For 30 Degree Bend, Deduct</i>	-102.98	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.16	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.06	
26 05 36 00-1337	EA	12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	332.44	124.66
		<i>For 60 Degree Bend, Deduct</i>	-61.92	
		<i>For 30 Degree Bend, Deduct</i>	-110.13	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.86	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	16.62	
26 05 36 00-1338	EA	18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	406.40	161.34
		<i>For 60 Degree Bend, Deduct</i>	-72.25	
		<i>For 30 Degree Bend, Deduct</i>	-129.38	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.19	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	20.32	
26 05 36 00-1339	EA	24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	506.41	203.05
		<i>For 60 Degree Bend, Deduct</i>	-89.27	
		<i>For 30 Degree Bend, Deduct</i>	-160.07	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.72	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.32	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1340	EA		30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	575.43	238.35
			<i>For 60 Degree Bend, Deduct</i>	-98.51	
			<i>For 30 Degree Bend, Deduct</i>	-177.43	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.68	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	28.77	
26 05 36 00-1341	EA		36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	676.86	288.52
			<i>For 60 Degree Bend, Deduct</i>	-112.75	
			<i>For 30 Degree Bend, Deduct</i>	-203.95	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.64	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	33.84	
26 05 36 00-1342			90 Degree, 12" Radius Vertical Risers (26 05 36 00-1293)		
26 05 36 00-1343	EA		6" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	325.89	114.27
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.07	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	16.29	
26 05 36 00-1344	EA		9" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	360.40	130.49
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.16	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.02	
26 05 36 00-1345	EA		12" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	385.75	144.32
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.55	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.29	
26 05 36 00-1346	EA		18" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	445.02	176.88
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.76	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.25	
26 05 36 00-1347	EA		24" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	496.06	203.05
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.68	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	24.80	
26 05 36 00-1348	EA		30" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	545.88	228.53
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.54	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	27.29	
26 05 36 00-1349	EA		36" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	604.72	260.86
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.73	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	30.24	
26 05 36 00-1350			90 Degree, 24" Radius Vertical Risers (26 05 36 00-1293)		
26 05 36 00-1351	EA		6" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	345.18	119.18
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.59	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	17.26	
26 05 36 00-1352	EA		9" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	381.22	137.11
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.70	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.06	
26 05 36 00-1353	EA		12" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	410.30	152.32
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.33	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	20.52	
26 05 36 00-1354	EA		18" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	480.30	189.22
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.27	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	24.02	
26 05 36 00-1355	EA		24" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	540.61	219.50
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.77	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	27.03	
26 05 36 00-1356	EA		30" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	599.90	249.09
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.23	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	30.00	
26 05 36 00-1357	EA		36" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	677.93	288.52
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.75	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	33.90	
26 05 36 00-1358			90 Degree, 36" Radius Vertical Risers (26 05 36 00-1293)		
26 05 36 00-1359	EA		6" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	434.17	124.55
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.04	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	21.71	
26 05 36 00-1360	EA		9" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	471.94	144.32
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.17	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	23.60	
26 05 36 00-1361	EA		12" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	515.25	161.34
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.08	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.76	
26 05 36 00-1362	EA		18" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	594.57	203.05
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.53	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	29.73	
26 05 36 00-1363	EA		24" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	663.27	238.35
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.46	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	33.16	
26 05 36 00-1364	EA		30" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	742.72	274.23
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.42	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	37.14	
26 05 36 00-1365	EA		36" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	834.94	322.23
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.65	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	41.75	
26 05 36 00-1366			12" Radius Horizontal Tees (26 05 36 00-1293)		
26 05 36 00-1367	EA		6" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	515.98	219.50
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.31	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.80	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 36 00-1368	EA	9" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	557.37	238.35
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.87	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	27.87	
26 05 36 00-1369	EA	12" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	577.74	249.09
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.01	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	28.89	
26 05 36 00-1370	EA	18" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	651.60	274.23
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.31	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	32.58	
26 05 36 00-1371	EA	24" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	721.64	304.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.79	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	36.08	
26 05 36 00-1372	EA	30" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	786.69	322.80
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.77	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	39.33	
26 05 36 00-1373	EA	36" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	907.07	365.42
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-60.25	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	45.35	
26 05 36 00-1374		24" Radius Horizontal Tees <small>(26 05 36 00-1293)</small>		
26 05 36 00-1375	EA	6" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	653.42	238.35
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-45.48	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	32.67	
26 05 36 00-1376	EA	9" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	706.35	261.32
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.86	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	35.32	
26 05 36 00-1377	EA	12" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	735.33	274.23
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.68	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	36.77	
26 05 36 00-1378	EA	18" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	810.30	304.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-55.66	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	40.52	
26 05 36 00-1379	EA	24" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	901.32	342.79
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-61.57	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	45.07	
26 05 36 00-1380	EA	30" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	971.10	365.42
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-66.66	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	48.56	
26 05 36 00-1381	EA	36" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,257.69	422.20
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-90.59	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	62.88	
26 05 36 00-1382		36" Radius Horizontal Tees <small>(26 05 36 00-1293)</small>		
26 05 36 00-1383	EA	6" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	797.47	261.32
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-57.97	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	39.87	
26 05 36 00-1384	EA	9" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	852.78	288.52
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-61.23	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	42.64	
26 05 36 00-1385	EA	12" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	913.73	304.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-66.00	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	45.69	
26 05 36 00-1386	EA	18" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	999.83	342.79
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-71.42	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	49.99	
26 05 36 00-1387	EA	24" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,125.03	391.35
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-79.89	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	56.25	
26 05 36 00-1388	EA	30" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,302.02	422.20
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-95.02	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	65.10	
26 05 36 00-1389	EA	36" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,495.34	498.19
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-108.01	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	74.77	
26 05 36 00-1390		12" Radius Vertical Tees <small>(26 05 36 00-1293)</small>		
26 05 36 00-1391	EA	6" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	675.84	203.05
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.66	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	33.79	
26 05 36 00-1392	EA	9" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	699.03	211.04
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-52.31	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	34.95	
26 05 36 00-1393	EA	12" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	715.46	219.50
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-53.26	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	35.77	
26 05 36 00-1394	EA	18" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	754.39	238.35
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-55.57	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	37.72	
26 05 36 00-1395	EA	24" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	801.84	249.09
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-59.42	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	40.09	
26 05 36 00-1396	EA	30" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	851.08	274.23
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-62.26	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	42.55	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 05 36 00-1397	EA		36" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	913.73	304.39
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-66.00	
				<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	45.69	
26 05 36 00-1398				24" Radius Vertical Tees <small>(26 05 36 00-1293)</small>		
	26 05 36 00-1399	EA		6" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	937.10	219.50
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-75.42	
				<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	46.86	
	26 05 36 00-1400	EA		9" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	959.61	228.53
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-76.92	
				<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	47.98	
	26 05 36 00-1401	EA		12" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	983.42	238.35
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-78.48	
				<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	49.17	
	26 05 36 00-1402	EA		18" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,038.81	261.32
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-82.11	
				<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	51.94	
	26 05 36 00-1403	EA		24" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,075.18	274.23
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-84.67	
				<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	53.76	
	26 05 36 00-1404	EA		30" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,140.30	304.39
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-88.66	
				<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	57.02	
	26 05 36 00-1405	EA		36" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,260.87	342.79
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-97.52	
				<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	63.04	
26 05 36 00-1406				36" Radius Vertical Tees <small>(26 05 36 00-1293)</small>		
	26 05 36 00-1407	EA		6" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,484.21	238.35
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-128.56	
				<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	74.21	
	26 05 36 00-1408	EA		9" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,516.22	249.09
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-130.86	
				<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	75.81	
	26 05 36 00-1409	EA		12" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,550.58	261.32
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-133.29	
				<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	77.53	
	26 05 36 00-1410	EA		18" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,610.18	288.52
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-136.97	
				<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	80.51	
	26 05 36 00-1411	EA		24" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,650.77	304.39
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-139.71	
				<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	82.54	
	26 05 36 00-1412	EA		30" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,757.03	342.79
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-147.14	
				<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	87.85	
	26 05 36 00-1413	EA		36" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,852.01	391.35
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-152.59	
				<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	92.60	
26 05 36 00-1414				12" Radius Horizontal Crosses <small>(26 05 36 00-1293)</small>		
	26 05 36 00-1415	EA		6" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	666.38	274.23
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.79	
				<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	33.32	
	26 05 36 00-1416	EA		9" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	712.40	288.52
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-47.19	
				<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	35.62	
	26 05 36 00-1417	EA		12" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	741.35	304.39
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.77	
				<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	37.07	
	26 05 36 00-1418	EA		18" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	821.17	322.80
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-55.22	
				<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	41.06	
	26 05 36 00-1419	EA		24" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	902.14	365.42
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-59.76	
				<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	45.11	
	26 05 36 00-1420	EA		30" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	996.97	391.35
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-67.09	
				<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	49.85	
	26 05 36 00-1421	EA		36" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	1,134.56	422.20
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-78.28	
				<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	56.73	
26 05 36 00-1422				24" Radius Horizontal Crosses <small>(26 05 36 00-1293)</small>		
	26 05 36 00-1423	EA		6" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	908.81	304.39
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-65.51	
				<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	45.44	
	26 05 36 00-1424	EA		9" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	951.69	322.80
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-68.27	
				<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	47.58	
	26 05 36 00-1425	EA		12" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	997.36	342.79
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-71.17	
				<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	49.87	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-1426	EA 18" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,057.29 -75.28 52.86	365.42
26 05 36 00-1427	EA 24" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,191.20 -83.94 59.56	422.20
26 05 36 00-1428	EA 30" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,283.85 -90.30 64.19	457.05
26 05 36 00-1429	EA 36" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,418.99 -100.38 70.95	498.19
26 05 36 00-1430 36" Radius Horizontal Crosses (26 05 36 00-1293)			
26 05 36 00-1431	EA 6" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,044.16 -75.85 52.21	342.79
26 05 36 00-1432	EA 9" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,101.62 -79.71 55.08	365.42
26 05 36 00-1433	EA 12" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,174.28 -84.82 58.71	391.35
26 05 36 00-1434	EA 18" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,260.16 -90.84 63.01	422.20
26 05 36 00-1435	EA 24" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,519.96 -110.48 76.00	498.19
26 05 36 00-1436	EA 30" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,676.08 -121.98 83.80	547.55
26 05 36 00-1437	EA 36" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,866.21 -135.79 93.31	609.94
26 05 36 00-1438 12" Radius Vertical Crosses (26 05 36 00-1293)			
26 05 36 00-1439	EA 6" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	666.38 -43.79 33.32	274.23
26 05 36 00-1440	EA 9" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	712.56 -47.20 35.63	288.63
26 05 36 00-1441	EA 12" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	741.26 -48.76 37.06	304.39
26 05 36 00-1442	EA 18" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	821.37 -55.23 41.07	322.91
26 05 36 00-1443	EA 24" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	902.14 -59.76 45.11	365.42
26 05 36 00-1444	EA 30" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	997.27 -67.10 49.86	391.47
26 05 36 00-1445	EA 36" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,133.70 -78.23 56.69	421.63
26 05 36 00-1446 24" Radius Vertical Crosses (26 05 36 00-1293)			
26 05 36 00-1447	EA 6" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	908.81 -65.51 45.44	304.39
26 05 36 00-1448	EA 9" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	951.69 -68.27 47.58	322.80
26 05 36 00-1449	EA 12" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	997.36 -71.17 49.87	342.79
26 05 36 00-1450	EA 18" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,057.29 -75.28 52.86	365.42
26 05 36 00-1451	EA 24" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,191.20 -83.94 59.56	422.20
26 05 36 00-1452	EA 30" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,283.85 -90.30 64.19	457.05
26 05 36 00-1453	EA 36" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,418.99 -100.38 70.95	498.19
26 05 36 00-1454 36" Radius Vertical Crosses (26 05 36 00-1293)			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1455 EA 6" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,256.93 -97.13 62.85	342.79
26 05 36 00-1456 EA 9" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,323.26 -101.87 66.16	365.42
26 05 36 00-1457 EA 12" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,409.22 -108.31 70.46	391.35
26 05 36 00-1458 EA 18" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,510.61 -115.88 75.53	422.20
26 05 36 00-1459 EA 24" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,830.26 -141.51 91.51	498.19
26 05 36 00-1460 EA 30" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	2,019.63 -156.33 100.98	547.55
26 05 36 00-1461 EA 36" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	2,248.54 -174.03 112.43	609.94
26 05 36 00-1462 Dropout Or End Plates And Reducers <small>(26 05 36 00-0744)</small>		
26 05 36 00-1463 Straight Reducers <small>(26 05 36 00-1462)</small>		
26 05 36 00-1464 EA 9"-6" Reducer, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	263.71 -19.34 13.19	84.33
26 05 36 00-1465 EA 12"-9" Reducer, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	278.06 -20.20 13.90	91.29
26 05 36 00-1466 EA 18"-12" Reducer, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	304.29 -21.65 15.21	105.35
26 05 36 00-1467 EA 24"-18" Reducer, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	334.51 -23.29 16.73	121.92
26 05 36 00-1468 EA 30"-24" Reducer, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	362.61 -24.83 18.13	137.11
26 05 36 00-1469 EA 36"-30" Reducer, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	403.40 -27.28 20.17	156.66
26 05 36 00-1470 Reducers <small>(26 05 36 00-1462)</small>		
26 05 36 00-1471 EA 18"-6" Reducer, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	304.40 -21.65 15.22	105.47
26 05 36 00-1472 EA 24"-12" Reducer, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	334.80 -23.31 16.74	122.04
26 05 36 00-1473 EA 30"-12" Reducer, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	362.43 -24.83 18.12	137.00
26 05 36 00-1474 EA 30"-18" Reducer, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	364.99 -25.09 18.25	136.89
26 05 36 00-1475 EA 36"-12" Reducer, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	400.66 -27.01 20.03	156.66
26 05 36 00-1476 EA 36"-18" Reducer, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	410.26 -27.63 20.51	160.77
26 05 36 00-1477 EA 36"-24" Reducer, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	424.29 -28.60 21.21	165.91
26 05 36 00-1478 Dropout Or End Plate <small>(26 05 36 00-1462)</small>		
26 05 36 00-1479 EA 6" Dropout Or End Plate, Aluminum Cable Tray.....	73.41	34.28
26 05 36 00-1480 EA 9" Dropout Or End Plate, Aluminum Cable Tray.....	82.63	39.19
26 05 36 00-1481 EA 12" Dropout Or End Plate, Aluminum Cable Tray.....	89.15	42.16
26 05 36 00-1482 EA 18" Dropout Or End Plate, Aluminum Cable Tray.....	108.37	49.82
26 05 36 00-1483 EA 24" Dropout Or End Plate, Aluminum Cable Tray.....	121.10	54.85
26 05 36 00-1484 EA 30" Dropout Or End Plate, Aluminum Cable Tray.....	136.89	60.90
26 05 36 00-1485 EA 36" Dropout Or End Plate, Aluminum Cable Tray.....	153.54	68.56
26 05 36 00-1486 Solid Bottom Cable Tray <small>(26 05 36 00-0001)</small> Note: 3-5/8" Height.		
26 05 36 00-1487 Solid Bottom Galvanized Steel Straight Tray Sections <small>(26 05 36 00-1486)</small>		
26 05 36 00-1488 LF 6" Solid Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	29.77 2.97	8.91
26 05 36 00-1489 LF 12" Solid Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	37.08 3.74	10.97

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1490	LF	18"	Solid Bottom Steel Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	49.41 4.78	15.77
26 05 36 00-1491	LF	24"	Solid Bottom Steel Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	57.18 5.56	18.05
26 05 36 00-1492	LF	30"	Solid Bottom Steel Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	68.52 6.63	21.82
26 05 36 00-1493	LF	36"	Solid Bottom Steel Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	87.66 8.98	25.02
26 05 36 00-1494			Solid Bottom Galvanized Steel Cable Tray Fittings (26 05 36 00-1486)		
26 05 36 00-1495			90 Degree, 12" Radius Horizontal Elbows (26 05 36 00-1494)		
26 05 36 00-1496	EA	6"	Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	302.74 26.35	114.38
26 05 36 00-1497	EA	12"	Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	393.86 32.26	160.89
26 05 36 00-1498	EA	18"	Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	482.03 38.46	203.05
26 05 36 00-1499	EA	24"	Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	590.80 47.04	249.43
26 05 36 00-1500	EA	30"	Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	690.36 55.38	289.09
26 05 36 00-1501	EA	36"	Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	775.76 62.57	322.80
26 05 36 00-1502			90 Degree, 24" Radius Horizontal Elbows (26 05 36 00-1494)		
26 05 36 00-1503	EA	6"	Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	357.80 33.82	119.06
26 05 36 00-1504	EA	12"	Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	472.14 42.23	171.51
26 05 36 00-1505	EA	18"	Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	581.13 50.59	219.50
26 05 36 00-1506	EA	24"	Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	708.31 60.54	274.23
26 05 36 00-1507	EA	30"	Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	830.84 70.93	322.23
26 05 36 00-1508	EA	36"	Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	938.86 79.92	365.42
26 05 36 00-1509			90 Degree, 36" Radius Horizontal Elbows (26 05 36 00-1494)		
26 05 36 00-1510	EA	6"	Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	440.61 45.36	124.43
26 05 36 00-1511	EA	12"	Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	567.68 54.63	183.16
26 05 36 00-1512	EA	18"	Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	718.66 68.01	238.70
26 05 36 00-1513	EA	24"	Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	855.12 77.53	304.39
26 05 36 00-1514	EA	30"	Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,026.35 93.04	365.42
26 05 36 00-1515	EA	36"	Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,170.74 105.42	421.06
26 05 36 00-1516			45 Degree, 12" Radius Horizontal Elbows (26 05 36 00-1494)		
26 05 36 00-1517	EA	6"	Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	274.83 22.15	114.38
26 05 36 00-1518	EA	12"	Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	362.45 27.54	160.89
26 05 36 00-1519	EA	18"	Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	445.74 33.06	202.82
26 05 36 00-1520	EA	24"	Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	546.44 40.45	249.09
26 05 36 00-1521	EA	30"	Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	638.20 47.56	289.09
26 05 36 00-1522	EA	36"	Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	715.30 53.60	322.23
26 05 36 00-1523			45 Degree, 24" Radius Horizontal Elbows (26 05 36 00-1494)		
26 05 36 00-1524	EA	6"	Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	318.11 27.85	119.18
26 05 36 00-1525	EA	12"	Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	425.31 35.23	171.39
26 05 36 00-1526	EA	18"	Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	527.76 42.54	219.73
26 05 36 00-1527	EA	24"	Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	645.50 51.12	274.23
26 05 36 00-1528	EA	30"	Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	758.37 59.96	322.80
26 05 36 00-1529	EA	36"	Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	856.42 67.56	365.42

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 36 00-1530 45 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-1494)</small>		
26 05 36 00-1531 EA 6" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray.....	382.59	124.55
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>		
	36.63	
26 05 36 00-1532 EA 12" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray.....	473.66	166.03
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>		
	43.37	
26 05 36 00-1533 EA 18" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray.....	638.46	238.70
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>		
	55.98	
26 05 36 00-1534 EA 24" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray.....	769.09	304.97
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>		
	64.53	
26 05 36 00-1535 EA 30" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray.....	922.04	365.42
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>		
	77.40	
26 05 36 00-1536 EA 36" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray.....	1,055.24	422.20
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>		
	87.93	
26 05 36 00-1537 90 Degree, 12" Radius Vertical Risers <small>(26 05 36 00-1494)</small>		
26 05 36 00-1538 EA 6" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	326.91	114.04
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>		
	30.03	
26 05 36 00-1539 EA 12" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	411.81	160.89
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>		
	34.95	
26 05 36 00-1540 EA 18" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	484.27	203.05
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>		
	38.80	
26 05 36 00-1541 EA 24" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	586.31	249.43
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>		
	46.37	
26 05 36 00-1542 EA 30" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	663.44	289.09
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>		
	51.34	
26 05 36 00-1543 EA 36" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	725.40	322.23
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>		
	55.12	
26 05 36 00-1544 90 Degree, 24" Radius Vertical Risers <small>(26 05 36 00-1494)</small>		
26 05 36 00-1545 EA 6" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	391.45	119.06
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>		
	38.87	
26 05 36 00-1546 EA 12" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	496.82	171.51
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>		
	45.93	
26 05 36 00-1547 EA 18" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	594.59	219.50
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>		
	52.61	
26 05 36 00-1548 EA 24" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	706.07	274.23
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>		
	60.21	
26 05 36 00-1549 EA 30" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	799.43	322.23
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>		
	66.22	
26 05 36 00-1550 EA 36" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	896.24	365.42
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>		
	73.53	
26 05 36 00-1551 90 Degree, 36" Radius Vertical Risers <small>(26 05 36 00-1494)</small>		
26 05 36 00-1552 EA 6" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	469.78	124.43
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>		
	49.74	
26 05 36 00-1553 EA 12" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	571.23	166.37
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>		
	57.95	
26 05 36 00-1554 EA 18" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	718.66	238.70
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>		
	68.01	
26 05 36 00-1555 EA 24" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	859.60	304.39
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>		
	78.20	
26 05 36 00-1556 EA 30" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	992.70	365.42
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>		
	88.00	
26 05 36 00-1557 EA 36" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	1,119.14	421.06
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>		
	97.68	
26 05 36 00-1558 12" Radius Horizontal Tees <small>(26 05 36 00-1494)</small>		
26 05 36 00-1559 EA 6" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray.....	522.80	219.50
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>		
	41.84	
26 05 36 00-1560 EA 12" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray.....	626.82	273.77
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>		
	48.39	
26 05 36 00-1561 EA 18" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray.....	739.87	322.80
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>		
	57.18	
26 05 36 00-1562 EA 24" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray.....	880.26	392.15
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>		
	66.67	
26 05 36 00-1563 EA 30" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray.....	961.58	422.20
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>		
	73.88	
26 05 36 00-1564 EA 36" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray.....	1,126.54	498.19
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>		
	85.94	
26 05 36 00-1565 24" Radius Horizontal Tees <small>(26 05 36 00-1494)</small>		
26 05 36 00-1566 EA 6" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray.....	641.83	238.35
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>		
	56.54	
26 05 36 00-1567 EA 12" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray.....	792.30	304.39
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>		
	68.11	
26 05 36 00-1568 EA 18" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray.....	925.40	365.42
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>		
	77.90	
26 05 36 00-1569 EA 24" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray.....	1,190.25	457.05
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>		
	102.36	
26 05 36 00-1570 EA 30" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray.....	1,297.04	498.19
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>		
	111.52	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 36 00-1571	EA	36" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,521.35 126.54	609.94
26 05 36 00-1572		36" Radius Horizontal Tees <small>(26 05 36 00-1494)</small>		
26 05 36 00-1573	EA	6" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	819.07 79.32	261.32
26 05 36 00-1574	EA	12" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	999.81 92.84	342.79
26 05 36 00-1575	EA	18" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,170.22 105.17	422.20
26 05 36 00-1576	EA	24" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,429.40 131.37	498.19
26 05 36 00-1577	EA	30" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,566.17 143.37	549.38
26 05 36 00-1578	EA	36" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,815.66 158.09	685.58
26 05 36 00-1579		12" Radius Vertical Tees <small>(26 05 36 00-1494)</small>		
26 05 36 00-1580	EA	6" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	623.75 56.99	219.50
26 05 36 00-1581	EA	12" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	726.26 63.23	274.23
26 05 36 00-1582	EA	18" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	781.09 66.42	304.39
26 05 36 00-1583	EA	24" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	837.57 71.94	322.23
26 05 36 00-1584	EA	30" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	929.89 78.58	365.42
26 05 36 00-1585	EA	36" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,035.61 84.98	422.20
26 05 36 00-1586		24" Radius Vertical Tees <small>(26 05 36 00-1494)</small>		
26 05 36 00-1587	EA	6" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	778.68 77.07	238.35
26 05 36 00-1588	EA	12" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	906.72 85.27	304.39
26 05 36 00-1589	EA	18" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	990.84 91.49	342.79
26 05 36 00-1590	EA	24" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,048.79 96.41	365.42
26 05 36 00-1591	EA	30" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,185.92 107.53	422.20
26 05 36 00-1592	EA	36" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,335.18 117.24	498.19
26 05 36 00-1593		36" Radius Vertical Tees <small>(26 05 36 00-1494)</small>		
26 05 36 00-1594	EA	6" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,029.29 110.91	260.86
26 05 36 00-1595	EA	12" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,177.04 119.42	342.79
26 05 36 00-1596	EA	18" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,302.78 130.20	391.35
26 05 36 00-1597	EA	24" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,376.61 136.13	422.20
26 05 36 00-1598	EA	30" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,615.60 159.30	498.19
26 05 36 00-1599	EA	36" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,742.71 170.14	547.55
26 05 36 00-1600		12" Radius Horizontal Crosses <small>(26 05 36 00-1494)</small>		
26 05 36 00-1601	EA	6" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	645.50 51.12	274.23
26 05 36 00-1602	EA	12" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	742.11 57.52	322.80
26 05 36 00-1603	EA	18" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	892.23 68.62	391.35
26 05 36 00-1604	EA	24" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,030.97 78.47	457.05
26 05 36 00-1605	EA	30" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,213.27 90.73	547.55
26 05 36 00-1606	EA	36" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,346.36 100.30	609.94
26 05 36 00-1607		24" Radius Horizontal Crosses <small>(26 05 36 00-1494)</small>		
26 05 36 00-1608	EA	6" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	851.53 76.90	304.97
26 05 36 00-1609	EA	12" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	992.70 88.00	365.42
26 05 36 00-1610	EA	18" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,190.25 102.36	457.05

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1611 EA 24" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,465.21 128.22	549.38
26 05 36 00-1612 EA 30" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,611.08 140.00	609.94
26 05 36 00-1613 EA 36" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,770.79 151.35	685.58
26 05 36 00-1614 36" Radius Horizontal Crosses <small>(26 05 36 00-1494)</small>		
26 05 36 00-1615 EA 6" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,132.17 112.69	342.79
26 05 36 00-1616 EA 12" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,320.53 127.72	422.20
26 05 36 00-1617 EA 18" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,588.60 146.73	549.38
26 05 36 00-1618 EA 24" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,812.99 170.29	609.94
26 05 36 00-1619 EA 30" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	2,006.35 186.69	685.58
26 05 36 00-1620 EA 36" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	2,224.18 203.19	782.60
26 05 36 00-1621 Straight Reducers <small>(26 05 36 00-1494)</small>		
26 05 36 00-1622 EA 12"-6" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	262.28 24.11	91.41
26 05 36 00-1623 EA 18"-12" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	284.35 25.43	103.29
26 05 36 00-1624 EA 24"-18" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	315.04 27.42	119.06
26 05 36 00-1625 EA 30"-24" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	354.16 30.27	137.11
26 05 36 00-1626 EA 36"-30" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	383.58 32.19	152.09
26 05 36 00-1627 Reducers <small>(26 05 36 00-1494)</small>		
26 05 36 00-1628 EA 18"-6" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	284.46 25.44	103.41
26 05 36 00-1629 EA 24"-12" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	313.20 27.10	119.29
26 05 36 00-1630 EA 30"-12" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	349.49 29.59	137.00
26 05 36 00-1631 EA 30"-18" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	351.56 29.92	136.89
26 05 36 00-1632 EA 36"-12" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	381.33 31.85	152.09
26 05 36 00-1633 EA 36"-18" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	383.58 32.19	152.09
26 05 36 00-1634 EA 36"-24" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	386.28 32.55	152.32
26 05 36 00-1635 Dropout Or End Plate <small>(26 05 36 00-1494)</small>		
26 05 36 00-1636 EA 6" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	80.01	34.28
26 05 36 00-1637 EA 12" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	98.19	41.82
26 05 36 00-1638 EA 18" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	113.23	49.59
26 05 36 00-1639 EA 24" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	127.42	54.85
26 05 36 00-1640 EA 30" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	141.86	60.90
26 05 36 00-1641 EA 36" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	157.46	68.56
26 05 36 00-1642 Solid Bottom Aluminum Straight Cable Tray Sections <small>(26 05 36 00-1486)</small>		
26 05 36 00-1643 LF 6" Solid Bottom Aluminum Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	26.38 2.75	7.20
26 05 36 00-1644 LF 12" Solid Bottom Aluminum Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	32.88 3.53	8.46
26 05 36 00-1645 LF 18" Solid Bottom Aluminum Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	42.02 4.47	10.97
26 05 36 00-1646 LF 24" Solid Bottom Aluminum Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	49.96 5.48	12.11
26 05 36 00-1647 LF 30" Solid Bottom Aluminum Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	61.26 6.58	15.66
26 05 36 00-1648 LF 36" Solid Bottom Steel Aluminum Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	72.83 8.06	17.14
26 05 36 00-1649 Solid Bottom Aluminum Cable Tray Fittings <small>(26 05 36 00-1486)</small>		
26 05 36 00-1650 90 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-1649)</small>		
26 05 36 00-1651 EA 6" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	306.07 26.85	114.38
26 05 36 00-1652 EA 12" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	369.99 31.49	143.97
26 05 36 00-1653 EA 18" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	427.55 37.26	161.23

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-1654	EA 24" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	497.92 43.12	189.33
26 05 36 00-1655	EA 30" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	588.21 51.61	219.73
26 05 36 00-1656	EA 36" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	664.86 58.15	249.43
26 05 36 00-1657	90 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-1649)</small>		
26 05 36 00-1658	EA 6" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	362.75 34.56	119.06
26 05 36 00-1659	EA 12" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	449.06 41.94	152.54
26 05 36 00-1660	EA 18" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	507.64 47.58	171.39
26 05 36 00-1661	EA 24" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	612.77 58.07	203.05
26 05 36 00-1662	EA 30" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	710.77 66.94	238.01
26 05 36 00-1663	EA 36" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	817.99 76.99	274.23
26 05 36 00-1664	90 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-1649)</small>		
26 05 36 00-1665	EA 6" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	450.94 46.91	124.43
26 05 36 00-1666	EA 12" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	561.59 57.32	161.57
26 05 36 00-1667	EA 18" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	651.71 67.24	183.16
26 05 36 00-1668	EA 24" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	737.07 74.03	219.15
26 05 36 00-1669	EA 30" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	855.95 84.85	261.32
26 05 36 00-1670	EA 36" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	999.18 99.23	303.94
26 05 36 00-1671	45 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-1649)</small>		
26 05 36 00-1672	EA 6" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	280.79 23.05	114.38
26 05 36 00-1673	EA 12" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	341.40 27.21	143.97
26 05 36 00-1674	EA 18" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	392.36 32.01	161.11
26 05 36 00-1675	EA 24" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	457.13 37.07	188.99
26 05 36 00-1676	EA 30" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	539.37 44.28	219.73
26 05 36 00-1677	EA 36" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	608.86 49.87	248.75
26 05 36 00-1678	45 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-1649)</small>		
26 05 36 00-1679	EA 6" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	326.75 29.15	119.18
26 05 36 00-1680	EA 12" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	405.95 35.50	152.32
26 05 36 00-1681	EA 18" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	459.37 40.28	171.74
26 05 36 00-1682	EA 24" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	552.42 49.02	203.05
26 05 36 00-1683	EA 30" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	642.79 56.63	238.70
26 05 36 00-1684	EA 36" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	738.59 65.08	274.23
26 05 36 00-1685	45 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-1649)</small>		
26 05 36 00-1686	EA 6" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	397.64 38.89	124.55
26 05 36 00-1687	EA 12" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	496.77 47.64	161.23
26 05 36 00-1688	EA 18" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	575.47 55.80	183.16
26 05 36 00-1689	EA 24" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	656.21 61.81	219.73
26 05 36 00-1690	EA 30" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	763.44 70.97	261.32
26 05 36 00-1691	EA 36" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	892.59 83.06	304.97
26 05 36 00-1692	90 Degree, 12" Radius Vertical Risers <small>(26 05 36 00-1649)</small>		
26 05 36 00-1693	EA 6" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	327.22 30.08	114.04

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1694	EA			12" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	382.62 33.39	143.97
26 05 36 00-1695	EA			18" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	429.35 37.53	161.23
26 05 36 00-1696	EA			24" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	485.28 41.23	189.33
26 05 36 00-1697	EA			30" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	546.70 45.38	219.73
26 05 36 00-1698	EA			36" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	600.49 48.61	248.75
26 05 36 00-1699 90 Degree, 24" Radius Vertical Risers <small>(26 05 36 00-1649)</small>						
26 05 36 00-1700	EA			6" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	393.43 39.16	119.06
26 05 36 00-1701	EA			12" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	465.30 44.38	152.54
26 05 36 00-1702	EA			18" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	513.05 48.39	171.39
26 05 36 00-1703	EA			24" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	585.70 54.01	203.05
26 05 36 00-1704	EA			30" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	658.43 59.09	238.01
26 05 36 00-1705	EA			36" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	745.81 66.17	274.23
26 05 36 00-1706 90 Degree, 36" Radius Vertical Risers <small>(26 05 36 00-1649)</small>						
26 05 36 00-1707	EA			6" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	463.57 48.81	124.43
26 05 36 00-1708	EA			12" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	557.99 56.78	161.57
26 05 36 00-1709	EA			18" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	619.22 62.36	183.16
26 05 36 00-1710	EA			24" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	691.95 67.26	219.15
26 05 36 00-1711	EA			30" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	796.39 75.91	261.32
26 05 36 00-1712	EA			36" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	881.87 81.63	303.94
26 05 36 00-1713 12" Radius Horizontal Tees <small>(26 05 36 00-1649)</small>						
26 05 36 00-1714	EA			6" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	544.43 45.09	219.50
26 05 36 00-1715	EA			12" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	631.17 53.22	248.75
26 05 36 00-1716	EA			18" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	700.69 59.40	274.23
26 05 36 00-1717	EA			24" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	780.80 66.29	304.97
26 05 36 00-1718	EA			30" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	923.10 77.56	365.42
26 05 36 00-1719	EA			36" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,122.70 92.23	457.05
26 05 36 00-1720 24" Radius Horizontal Tees <small>(26 05 36 00-1649)</small>						
26 05 36 00-1721	EA			6" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	691.47 63.99	238.35
26 05 36 00-1722	EA			12" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	789.12 72.66	274.23
26 05 36 00-1723	EA			18" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	882.77 81.68	304.39
26 05 36 00-1724	EA			24" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,069.28 99.48	365.42
26 05 36 00-1725	EA			30" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,285.13 116.59	457.05
26 05 36 00-1726	EA			36" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,419.35 129.62	499.67
26 05 36 00-1727 36" Radius Horizontal Tees <small>(26 05 36 00-1649)</small>						
26 05 36 00-1728	EA			6" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	913.70 93.51	261.32
26 05 36 00-1729	EA			12" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,030.76 103.88	304.39
26 05 36 00-1730	EA			18" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,175.90 119.25	342.79
26 05 36 00-1731	EA			24" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,405.71 140.67	421.06
26 05 36 00-1732	EA			30" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,691.61 162.18	549.38
26 05 36 00-1733	EA			36" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,882.85 180.77	609.94

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1734			12" Radius Vertical Tees (26 05 36 00-1649)		
26 05 36 00-1735	EA		6" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray .....620.23	219.50	
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	56.46	
26 05 36 00-1736	EA		12" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray .....675.08	249.09	
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	59.74	
26 05 36 00-1737	EA		18" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray .....705.50	260.86	
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	62.35	
26 05 36 00-1738	EA		24" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray .....745.08	273.77	
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	66.13	
26 05 36 00-1739	EA		30" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray .....821.41	304.39	
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	72.47	
26 05 36 00-1740	EA		36" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray .....941.15	365.42	
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	80.26	
26 05 36 00-1741			24" Radius Vertical Tees (26 05 36 00-1649)		
26 05 36 00-1742	EA		6" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray .....772.68	238.35	
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	76.17	
26 05 36 00-1743	EA		12" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray .....854.09	274.23	
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	82.41	
26 05 36 00-1744	EA		18" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray .....905.02	288.52	
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	87.66	
26 05 36 00-1745	EA		24" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray .....967.59	304.39	
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	94.40	
26 05 36 00-1746	EA		30" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray .....1,076.64	342.79	
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	104.36	
26 05 36 00-1747	EA		36" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray .....1,234.26	421.06	
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	114.95	
26 05 36 00-1748			36" Radius Vertical Tees (26 05 36 00-1649)		
26 05 36 00-1749	EA		6" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray .....1,021.32	260.86	
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	109.72	
26 05 36 00-1750	EA		12" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray .....1,114.76	300.75	
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	117.10	
26 05 36 00-1751	EA		18" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray .....1,186.65	322.23	
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	124.30	
26 05 36 00-1752	EA		24" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray .....1,239.07	342.79	
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	128.73	
26 05 36 00-1753	EA		30" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray .....1,374.08	391.35	
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	140.89	
26 05 36 00-1754	EA		36" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray .....909.82	498.19	
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	53.43	
26 05 36 00-1755			12" Radius Horizontal Crosses (26 05 36 00-1649)		
26 05 36 00-1756	EA		6" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray .....642.59	249.09	
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	54.87	
26 05 36 00-1757	EA		12" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray .....713.32	274.23	
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	61.29	
26 05 36 00-1758	EA		18" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray .....829.31	322.23	
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	70.70	
26 05 36 00-1759	EA		24" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray .....984.26	391.35	
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	82.42	
26 05 36 00-1760	EA		30" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray .....1,077.25	421.06	
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	91.40	
26 05 36 00-1761	EA		36" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray .....1,247.91	499.67	
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	103.90	
26 05 36 00-1762			24" Radius Horizontal Crosses (26 05 36 00-1649)		
26 05 36 00-1763	EA		6" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray .....854.82	274.69	
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	82.45	
26 05 36 00-1764	EA		12" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray .....967.59	304.39	
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	94.40	
26 05 36 00-1765	EA		18" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray .....1,108.99	365.42	
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	105.44	
26 05 36 00-1766	EA		24" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray .....1,368.37	458.31	
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	128.88	
26 05 36 00-1767	EA		30" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray .....1,500.57	499.67	
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	141.80	
26 05 36 00-1768	EA		36" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray .....1,711.40	609.94	
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	155.05	
26 05 36 00-1769			36" Radius Horizontal Crosses (26 05 36 00-1649)		
26 05 36 00-1770	EA		6" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray .....1,184.16	304.39	
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	126.89	
26 05 36 00-1771	EA		12" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray .....1,302.23	342.79	
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	138.20	
26 05 36 00-1772	EA		18" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray .....1,515.71	422.20	
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	157.00	
26 05 36 00-1773	EA		24" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray .....1,799.89	549.38	
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	178.43	
26 05 36 00-1774	EA		30" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray .....1,973.08	609.94	
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	194.30	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1775	EA		36" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	2,261.57 224.97	685.58
26 05 36 00-1776			Straight Reducers (26 05 36 00-1649)		
26 05 36 00-1777	EA		12"-6" Reducer, Solid Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	242.57 23.32	78.38
26 05 36 00-1778	EA		18"-12" Reducer, Solid Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	267.61 24.93	91.29
26 05 36 00-1779	EA		24"-18" Reducer, Solid Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	294.90 27.02	103.29
26 05 36 00-1780	EA		30"-24" Reducer, Solid Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	332.20 29.97	119.18
26 05 36 00-1781	EA		36"-30" Reducer, Solid Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	368.94 32.52	136.89
26 05 36 00-1782			Reducers (26 05 36 00-1649)		
26 05 36 00-1783	EA		18"-6" Reducer, Solid Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	265.89 24.66	91.29
26 05 36 00-1784	EA		24"-12" Reducer, Solid Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	293.41 26.76	103.52
26 05 36 00-1785	EA		30"-12" Reducer, Solid Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	328.46 29.42	119.06
26 05 36 00-1786	EA		30"-18" Reducer, Solid Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	330.12 29.68	119.06
26 05 36 00-1787	EA		36"-12" Reducer, Solid Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	368.94 32.52	136.89
26 05 36 00-1788	EA		36"-18" Reducer, Solid Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	370.74 32.79	136.89
26 05 36 00-1789	EA		36"-24" Reducer, Solid Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	374.71 33.35	137.11
26 05 36 00-1790			Dropout Or End Plate (26 05 36 00-1649)		
26 05 36 00-1791	EA		6" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray.....	79.96	34.28
26 05 36 00-1792	EA		12" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray.....	95.51	41.82
26 05 36 00-1793	EA		18" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray.....	113.58	49.59
26 05 36 00-1794	EA		24" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray.....	125.43	54.85
26 05 36 00-1795	EA		30" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray.....	141.18	60.90
26 05 36 00-1796	EA		36" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray.....	160.29	68.56
26 05 36 00-1797			Vented Bottom Cable Tray (26 05 36 00-0001) Note: 6" Height.		
26 05 36 00-1798			Vented Bottom Galvanized Steel Cable Tray (26 05 36 00-1797)		
26 05 36 00-1799	LF		6" Vented Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	38.39 -2.84	12.00
26 05 36 00-1800	LF		12" Vented Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	45.20 -3.38	13.71
26 05 36 00-1801	LF		18" Vented Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	53.24 -4.01	15.77
26 05 36 00-1802	LF		24" Vented Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	61.10 -4.60	18.05
26 05 36 00-1803	LF		30" Vented Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	80.81 -6.26	21.82
26 05 36 00-1804	LF		36" Vented Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	95.45 -7.26	27.42
26 05 36 00-1805			Vented Bottom Galvanized Steel Cable Tray Fittings (26 05 36 00-1797)		
26 05 36 00-1806			90 Degree, 12" Radius Horizontal Elbows (26 05 36 00-1805)		
26 05 36 00-1807	EA		6" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	353.68 -23.34	144.43
26 05 36 00-1808	EA		12" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	459.88 -29.70	195.39
26 05 36 00-1809	EA		18" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	569.43 -36.18	249.09
26 05 36 00-1810	EA		24" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	698.44 -44.43	304.97
26 05 36 00-1811	EA		30" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	787.96 -50.17	343.48
26 05 36 00-1812	EA		36" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	902.99 -57.62	392.15
26 05 36 00-1813			90 Degree, 24" Radius Horizontal Elbows (26 05 36 00-1805)		
26 05 36 00-1814	EA		6" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	420.60 -29.38	152.20
26 05 36 00-1815	EA		12" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	544.05 -36.82	211.04
26 05 36 00-1816	EA		18" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	689.45 -46.09	274.23
26 05 36 00-1817	EA		24" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	833.30 -54.76	342.79

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1818	EA		30" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	892.32 -59.72	354.10
26 05 36 00-1819	EA		36" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,112.48 -73.16	457.05
26 05 36 00-1820			90 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-1805)</small>		
26 05 36 00-1821	EA		6" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	517.54 -38.34	160.89
26 05 36 00-1822	EA		12" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	666.60 -47.59	228.87
26 05 36 00-1823	EA		18" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	850.56 -59.64	304.97
26 05 36 00-1824	EA		24" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,013.47 -68.74	391.35
26 05 36 00-1825	EA		30" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,167.41 -78.65	457.05
26 05 36 00-1826	EA		36" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,364.78 -90.85	547.55
26 05 36 00-1827			45 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-1805)</small>		
26 05 36 00-1828	EA		6" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	329.02 -20.86	144.54
26 05 36 00-1829	EA		12" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	430.36 -26.75	195.39
26 05 36 00-1830	EA		18" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	534.90 -32.76	248.75
26 05 36 00-1831	EA		24" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	655.71 -40.20	304.39
26 05 36 00-1832	EA		30" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	740.55 -45.43	343.48
26 05 36 00-1833	EA		36" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	846.65 -52.06	391.35
26 05 36 00-1834			45 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-1805)</small>		
26 05 36 00-1835	EA		6" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	384.11 -25.72	152.32
26 05 36 00-1836	EA		12" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	501.75 -32.59	211.04
26 05 36 00-1837	EA		18" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	639.05 -41.02	274.69
26 05 36 00-1838	EA		24" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	775.67 -49.00	342.79
26 05 36 00-1839	EA		30" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	889.34 -56.25	392.15
26 05 36 00-1840	EA		36" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,035.32 -65.44	457.05
26 05 36 00-1841			45 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-1805)</small>		
26 05 36 00-1842	EA		6" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	463.19 -32.88	161.23
26 05 36 00-1843	EA		12" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	602.84 -41.27	228.19
26 05 36 00-1844	EA		18" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	775.26 -52.11	304.97
26 05 36 00-1845	EA		24" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	935.48 -60.86	392.15
26 05 36 00-1846	EA		30" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,078.17 -69.73	457.05
26 05 36 00-1847	EA		36" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,268.24 -81.05	549.38
26 05 36 00-1848			90 Degree, 12" Radius Vertical Risers <small>(26 05 36 00-1805)</small>		
26 05 36 00-1849	EA		6" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	385.83 -26.58	143.97
26 05 36 00-1850	EA		12" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	488.40 -32.55	195.39
26 05 36 00-1851	EA		18" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	580.00 -37.24	249.09
26 05 36 00-1852	EA		24" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	696.33 -44.22	304.97
26 05 36 00-1853	EA		30" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	764.72 -47.85	343.48
26 05 36 00-1854	EA		36" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	855.01 -52.89	391.35
26 05 36 00-1855			90 Degree, 24" Radius Vertical Risers <small>(26 05 36 00-1805)</small>		
26 05 36 00-1856	EA		6" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	462.85 -33.60	152.20
26 05 36 00-1857	EA		12" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	573.63 -39.77	211.04

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 36 00-1858	EA 18" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	702.13 -47.36	274.23
26 05 36 00-1859	EA 24" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	824.85 -53.92	342.79
26 05 36 00-1860	EA 30" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	937.41 -61.13	391.35
26 05 36 00-1861	EA 36" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,059.66 -67.88	457.05
26 05 36 00-1862	90 Degree, 36" Radius Vertical Risers <small>(26 05 36 00-1805)</small>		
26 05 36 00-1863	EA 6" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	551.34 -41.72	160.89
26 05 36 00-1864	EA 12" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	681.39 -49.07	228.87
26 05 36 00-1865	EA 18" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	842.11 -58.80	304.97
26 05 36 00-1866	EA 24" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,009.25 -68.32	391.35
26 05 36 00-1867	EA 30" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,127.27 -74.64	457.05
26 05 36 00-1868	EA 36" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,318.30 -86.20	547.55
26 05 36 00-1869	12" Radius Horizontal Tees <small>(26 05 36 00-1805)</small>		
26 05 36 00-1870	EA 6" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	628.18 -39.97	274.23
26 05 36 00-1871	EA 12" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	760.33 -47.52	342.10
26 05 36 00-1872	EA 18" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	869.18 -54.23	392.15
26 05 36 00-1873	EA 24" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,011.07 -63.02	457.05
26 05 36 00-1874	EA 30" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,115.63 -70.04	498.19
26 05 36 00-1875	EA 36" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,225.34 -76.90	547.55
26 05 36 00-1876	24" Radius Horizontal Tees <small>(26 05 36 00-1805)</small>		
26 05 36 00-1877	EA 6" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	790.50 -53.68	304.39
26 05 36 00-1878	EA 12" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	960.65 -63.46	391.35
26 05 36 00-1879	EA 18" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,106.14 -72.53	457.05
26 05 36 00-1880	EA 24" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,360.56 -90.42	547.55
26 05 36 00-1881	EA 30" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,502.51 -99.42	609.94
26 05 36 00-1882	EA 36" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,679.28 -110.80	685.58
26 05 36 00-1883	36" Radius Horizontal Tees <small>(26 05 36 00-1805)</small>		
26 05 36 00-1884	EA 6" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	976.97 -69.13	342.79
26 05 36 00-1885	EA 12" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,224.45 -84.36	457.05
26 05 36 00-1886	EA 18" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,420.53 -96.27	549.38
26 05 36 00-1887	EA 24" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,751.11 -117.98	685.58
26 05 36 00-1888	EA 30" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,954.75 -129.96	786.24
26 05 36 00-1889	EA 36" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	2,280.05 -152.03	911.71
26 05 36 00-1890	12" Radius Vertical Tees <small>(26 05 36 00-1805)</small>		
26 05 36 00-1891	EA 6" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	742.27 -51.37	274.23
26 05 36 00-1892	EA 12" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	860.77 -57.51	342.79
26 05 36 00-1893	EA 18" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	904.87 -60.03	365.42
26 05 36 00-1894	EA 24" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	964.88 -63.88	391.35
26 05 36 00-1895	EA 30" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,035.29 -68.35	422.20
26 05 36 00-1896	EA 36" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,168.45 -75.32	498.19
26 05 36 00-1897	24" Radius Vertical Tees <small>(26 05 36 00-1805)</small>		

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 36 00-1898	EA	6"	Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	889.80	304.39
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-63.61	
26 05 36 00-1899	EA	12"	Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,053.61	391.35
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-72.75	
26 05 36 00-1900	EA	18"	Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,124.03	422.20
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-77.22	
26 05 36 00-1901	EA	24"	Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,213.89	457.05
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-83.30	
26 05 36 00-1902	EA	30"	Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,305.78	498.19
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-89.06	
26 05 36 00-1903	EA	36"	Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,532.09	609.94
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-102.38	
26 05 36 00-1904 36" Radius Vertical Tees (26 05 36 00-1805)					
26 05 36 00-1905	EA	6"	Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,178.65	342.10
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-89.36	
26 05 36 00-1906	EA	12"	Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,385.02	457.05
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-100.41	
26 05 36 00-1907	EA	18"	Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,474.80	498.19
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-105.96	
26 05 36 00-1908	EA	24"	Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,602.23	549.38
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-114.44	
26 05 36 00-1909	EA	30"	Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,808.86	609.94
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-130.06	
26 05 36 00-1910	EA	36"	Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	2,107.23	782.60
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-145.50	
26 05 36 00-1911 12" Radius Horizontal Crosses (26 05 36 00-1805)					
26 05 36 00-1912	EA	6"	Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	791.05	342.79
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-50.54	
26 05 36 00-1913	EA	12"	Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	875.52	392.15
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-54.87	
26 05 36 00-1914	EA	18"	Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	1,008.95	457.05
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-62.81	
26 05 36 00-1915	EA	24"	Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	1,172.52	547.55
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-71.62	
26 05 36 00-1916	EA	30"	Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	1,304.54	607.77
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-79.81	
26 05 36 00-1917	EA	36"	Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	1,470.12	685.58
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-89.88	
26 05 36 00-1918 24" Radius Horizontal Crosses (26 05 36 00-1805)					
26 05 36 00-1919	EA	6"	Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	998.06	392.15
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-67.12	
26 05 36 00-1920	EA	12"	Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,123.04	457.05
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-74.22	
26 05 36 00-1921	EA	18"	Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,309.85	547.55
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-85.35	
26 05 36 00-1922	EA	24"	Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,647.59	685.58
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-107.63	
26 05 36 00-1923	EA	30"	Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,862.15	782.60
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-121.00	
26 05 36 00-1924	EA	36"	Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	2,111.03	911.71
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-135.13	
26 05 36 00-1925 36" Radius Horizontal Crosses (26 05 36 00-1805)					
26 05 36 00-1926	EA	6"	Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	1,342.77	457.05
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-96.19	
26 05 36 00-1927	EA	12"	Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	1,526.17	549.38
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-106.84	
26 05 36 00-1928	EA	18"	Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	1,765.90	685.58
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-119.46	
26 05 36 00-1929	EA	24"	Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	2,277.62	916.51
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-151.38	
26 05 36 00-1930	EA	30"	Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	2,655.12	1,098.65
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-173.96	
26 05 36 00-1931	EA	36"	Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	3,172.63	1,371.17
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-203.00	
26 05 36 00-1932 Straight Reducers (26 05 36 00-1805)					
26 05 36 00-1933	EA	12"-6"	Reducer, Vented Bottom, Steel Cable Tray	301.28	116.77
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-20.40	
26 05 36 00-1934	EA	18"-12"	Reducer, Vented Bottom, Steel Cable Tray	328.32	130.49
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-21.96	
26 05 36 00-1935	EA	24"-18"	Reducer, Vented Bottom, Steel Cable Tray	371.77	152.09
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-24.50	
26 05 36 00-1936	EA	30"-24"	Reducer, Vented Bottom, Steel Cable Tray	408.20	171.39
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-26.54	
26 05 36 00-1937	EA	36"-30"	Reducer, Vented Bottom, Steel Cable Tray	445.59	188.76
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-28.83	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 36 00-1938	Reducers <small>(26 05 36 00-1805)</small>		
26 05 36 00-1939	EA 18"-6" Reducer, Vented Bottom, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	328.32 -21.96	130.49
26 05 36 00-1940	EA 24"-12" Reducer, Vented Bottom, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	370.12 -24.32	152.32
26 05 36 00-1941	EA 30"-12" Reducer, Vented Bottom, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	405.80 -26.31	171.17
26 05 36 00-1942	EA 30"-18" Reducer, Vented Bottom, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	407.63 -26.51	171.05
26 05 36 00-1943	EA 36"-12" Reducer, Vented Bottom, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	443.48 -28.62	188.76
26 05 36 00-1944	EA 36"-18" Reducer, Vented Bottom, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	445.59 -28.83	188.76
26 05 36 00-1945	EA 36"-24" Reducer, Vented Bottom, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	448.40 -29.08	189.22
26 05 36 00-1946	Dropout Or End Plate <small>(26 05 36 00-1805)</small>		
26 05 36 00-1947	EA 6" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	95.73	42.16
26 05 36 00-1948	EA 12" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	113.55	49.48
26 05 36 00-1949	EA 18" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	125.15	54.62
26 05 36 00-1950	EA 24" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	140.78	60.90
26 05 36 00-1951	EA 30" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	156.17	68.44
26 05 36 00-1952	EA 36" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	182.90	81.81
26 05 36 00-1953	Vented Bottom Aluminum Cable Tray <small>(26 05 36 00-1797)</small>		
26 05 36 00-1954	LF 6" Vented Bottom Aluminum Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	35.23 -2.78	8.91
26 05 36 00-1955	LF 9" Vented Bottom Aluminum Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	39.09 -3.09	9.82
26 05 36 00-1956	LF 12" Vented Bottom Aluminum Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	43.73 -3.46	10.97
26 05 36 00-1957	LF 18" Vented Bottom Aluminum Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	50.96 -4.07	12.23
26 05 36 00-1958	LF 24" Vented Bottom Aluminum Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	58.50 -4.72	13.60
26 05 36 00-1959	LF 30" Vented Bottom Aluminum Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	74.35 -6.13	15.66
26 05 36 00-1960	LF 36" Vented Bottom Aluminum Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	82.71 -6.74	18.39
26 05 36 00-1961	Vented Bottom Aluminum Cable Tray Fittings <small>(26 05 36 00-1797)</small>		
26 05 36 00-1962	90 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-1961)</small>		
26 05 36 00-1963	EA 6" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	414.37 -29.40	144.43
26 05 36 00-1964	EA 9" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	450.18 -31.95	156.77
26 05 36 00-1965	EA 12" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	495.61 -34.85	176.53
26 05 36 00-1966	EA 18" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	560.24 -39.72	195.62
26 05 36 00-1967	EA 24" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	669.76 -47.08	238.70
26 05 36 00-1968	EA 30" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	792.63 -56.37	274.69
26 05 36 00-1969	EA 36" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	873.36 -61.92	304.97
26 05 36 00-1970	90 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-1961)</small>		
26 05 36 00-1971	EA 6" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	505.46 -37.86	152.20
26 05 36 00-1972	EA 12" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	609.87 -45.22	189.22
26 05 36 00-1973	EA 18" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	691.68 -51.58	211.04
26 05 36 00-1974	EA 24" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	822.52 -60.51	260.86
26 05 36 00-1975	EA 30" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	949.61 -69.64	303.94
26 05 36 00-1976	EA 36" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,049.68 -76.40	342.79
26 05 36 00-1977	90 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-1961)</small>		
26 05 36 00-1978	EA 6" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	623.23 -48.91	160.89
26 05 36 00-1979	EA 12" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	744.21 -57.48	203.28
26 05 36 00-1980	EA 18" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	842.12 -65.14	228.87
26 05 36 00-1981	EA 24" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	984.45 -74.40	288.52

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 36 00-1982	EA	30"	Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,057.66	279.61
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-82.47	
26 05 36 00-1983	EA	36"	Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,294.20	391.35
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-96.81	
26 05 36 00-1984			45 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-1961)</small>		
26 05 36 00-1985	EA	6"	Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	376.35	144.54
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-25.59	
26 05 36 00-1986	EA	9"	Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	408.88	157.00
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-27.81	
26 05 36 00-1987	EA	12"	Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	451.29	176.53
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-30.42	
26 05 36 00-1988	EA	18"	Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	508.35	195.39
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-34.55	
26 05 36 00-1989	EA	24"	Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	609.39	238.35
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-41.07	
26 05 36 00-1990	EA	30"	Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	718.97	274.69
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-49.01	
26 05 36 00-1991	EA	36"	Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	792.14	304.39
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-53.84	
26 05 36 00-1992			45 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-1961)</small>		
26 05 36 00-1993	EA	6"	Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	450.30	152.32
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-32.33	
26 05 36 00-1994	EA	12"	Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	545.07	189.22
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-38.74	
26 05 36 00-1995	EA	18"	Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	617.34	211.39
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-44.12	
26 05 36 00-1996	EA	24"	Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	737.88	261.32
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-52.02	
26 05 36 00-1997	EA	30"	Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	853.92	304.97
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-59.98	
26 05 36 00-1998	EA	36"	Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	944.44	342.79
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-65.88	
26 05 36 00-1999			45 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-1961)</small>		
26 05 36 00-2000	EA	6"	Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	545.63	161.23
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-41.13	
26 05 36 00-2001	EA	12"	Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	654.23	202.82
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-48.52	
26 05 36 00-2002	EA	18"	Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	740.76	228.87
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-55.01	
26 05 36 00-2003	EA	24"	Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	874.48	289.09
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-63.36	
26 05 36 00-2004	EA	30"	Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	999.45	322.80
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-73.05	
26 05 36 00-2005	EA	36"	Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,154.45	392.15
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-82.76	
26 05 36 00-2006			90 Degree, 12" Radius Vertical Risers <small>(26 05 36 00-1961)</small>		
26 05 36 00-2007	EA	6"	Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	451.54	143.97
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-33.15	
26 05 36 00-2008	EA	9"	Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	484.72	156.43
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-35.44	
26 05 36 00-2009	EA	12"	Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	520.78	176.53
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-37.37	
26 05 36 00-2010	EA	18"	Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	560.24	195.62
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-39.72	
26 05 36 00-2011	EA	24"	Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	657.17	238.70
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-45.82	
26 05 36 00-2012	EA	30"	Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	729.69	274.69
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-50.08	
26 05 36 00-2013	EA	36"	Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	781.82	304.39
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-52.81	
26 05 36 00-2014			90 Degree, 24" Radius Vertical Risers <small>(26 05 36 00-1961)</small>		
26 05 36 00-2015	EA	6"	Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	538.19	152.20
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-41.13	
26 05 36 00-2016	EA	12"	Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	624.98	189.22
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-46.73	
26 05 36 00-2017	EA	18"	Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	689.16	211.04
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-51.33	
26 05 36 00-2018	EA	24"	Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	777.86	261.32
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-56.01	
26 05 36 00-2019	EA	30"	Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	867.42	304.39
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-61.37	
26 05 36 00-2020	EA	36"	Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	948.98	342.79
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-66.33	
26 05 36 00-2021			90 Degree, 36" Radius Vertical Risers <small>(26 05 36 00-1961)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2022 EA 6" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	620.71 -48.66	160.89
26 05 36 00-2023 EA 12" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	716.52 -54.71	203.28
26 05 36 00-2024 EA 18" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	804.35 -61.37	228.87
26 05 36 00-2025 EA 24" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	939.13 -69.87	288.52
26 05 36 00-2026 EA 30" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,041.50 -77.25	322.80
26 05 36 00-2027 EA 36" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,170.84 -84.47	391.35
26 05 36 00-2028 12" Radius Horizontal Tees <small>(26 05 36 00-1961)</small>		
26 05 36 00-2029 EA 6" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	721.41 -49.29	274.23
26 05 36 00-2030 EA 9" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	752.82 -51.24	288.52
26 05 36 00-2031 EA 12" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	801.06 -54.78	303.94
26 05 36 00-2032 EA 18" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	914.87 -62.86	343.48
26 05 36 00-2033 EA 24" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,044.95 -71.89	391.35
26 05 36 00-2034 EA 30" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,182.22 -80.13	457.05
26 05 36 00-2035 EA 36" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,308.77 -89.36	498.19
26 05 36 00-2036 24" Radius Horizontal Tees <small>(26 05 36 00-1961)</small>		
26 05 36 00-2037 EA 6" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	910.22 -65.65	304.39
26 05 36 00-2038 EA 12" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,028.40 -74.33	342.10
26 05 36 00-2039 EA 18" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,155.73 -82.96	391.35
26 05 36 00-2040 EA 24" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,389.15 -100.93	455.80
26 05 36 00-2041 EA 30" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,595.36 -113.76	549.38
26 05 36 00-2042 EA 36" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,809.66 -130.14	609.94
26 05 36 00-2043 36" Radius Horizontal Tees <small>(26 05 36 00-1961)</small>		
26 05 36 00-2044 EA 6" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,218.37 -93.27	342.79
26 05 36 00-2045 EA 12" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,394.91 -106.88	391.35
26 05 36 00-2046 EA 18" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,479.64 -116.15	381.76
26 05 36 00-2047 EA 24" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,894.55 -143.82	547.55
26 05 36 00-2048 EA 30" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	2,192.07 -161.85	688.32
26 05 36 00-2049 EA 36" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	2,512.88 -186.07	782.60
26 05 36 00-2050 12" Radius Vertical Tees <small>(26 05 36 00-1961)</small>		
26 05 36 00-2051 EA 6" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	819.60 -59.11	274.23
26 05 36 00-2052 EA 9" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	845.98 -60.55	288.52
26 05 36 00-2053 EA 12" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	900.15 -64.65	304.39
26 05 36 00-2054 EA 18" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	933.24 -66.43	322.80
26 05 36 00-2055 EA 24" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	975.53 -69.04	342.10
26 05 36 00-2056 EA 30" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,032.05 -72.75	365.42
26 05 36 00-2057 EA 36" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,142.47 -79.15	421.06
26 05 36 00-2058 24" Radius Vertical Tees <small>(26 05 36 00-1961)</small>		
26 05 36 00-2059 EA 6" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,021.00 -76.73	304.39
26 05 36 00-2060 EA 12" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,124.07 -83.90	342.10
26 05 36 00-2061 EA 18" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,200.74 -89.62	365.42
26 05 36 00-2062 EA 24" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,281.61 -95.55	391.35

26 Electrical
26 05 Common Work Results for Electrical
26 05 36 Cable Trays for Electrical Systems

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2063	EA		30" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,381.65 -103.07	421.06
26 05 36 00-2064	EA		36" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,525.19 -110.88	499.67
26 05 36 00-2065			36" Radius Vertical Tees (26 05 36 00-1961)		
26 05 36 00-2066	EA		6" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,363.26 -107.82	342.10
26 05 36 00-2067	EA		12" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,495.62 -116.95	391.35
26 05 36 00-2068	EA		18" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,570.48 -121.95	421.06
26 05 36 00-2069	EA		24" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,695.34 -131.34	458.31
26 05 36 00-2070	EA		30" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,839.90 -142.35	499.67
26 05 36 00-2071	EA		36" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	2,070.41 -156.39	607.77
26 05 36 00-2072			12" Radius Horizontal Crosses (26 05 36 00-1961)		
26 05 36 00-2073	EA		6" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	837.21 -58.35	304.39
26 05 36 00-2074	EA		9" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	890.44 -62.15	322.80
26 05 36 00-2075	EA		12" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	935.01 -64.88	343.48
26 05 36 00-2076	EA		18" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,032.36 -70.63	391.35
26 05 36 00-2077	EA		24" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,182.70 -80.28	455.80
26 05 36 00-2078	EA		30" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,341.61 -92.76	496.81
26 05 36 00-2079	EA		36" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,635.93 -112.76	609.94
26 05 36 00-2080			24" Radius Horizontal Crosses (26 05 36 00-1961)		
26 05 36 00-2081	EA		6" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,164.12 -87.79	343.48
26 05 36 00-2082	EA		12" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,299.24 -97.31	391.35
26 05 36 00-2083	EA		18" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,457.13 -107.73	455.80
26 05 36 00-2084	EA		24" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,718.31 -126.20	547.55
26 05 36 00-2085	EA		30" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,881.59 -137.51	607.77
26 05 36 00-2086	EA		36" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	2,286.28 -163.41	782.60
26 05 36 00-2087			36" Radius Horizontal Crosses (26 05 36 00-1961)		
26 05 36 00-2088	EA		6" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,621.50 -129.54	391.35
26 05 36 00-2089	EA		12" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,796.05 -141.42	458.31
26 05 36 00-2090	EA		18" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	2,033.03 -157.67	547.55
26 05 36 00-2091	EA		24" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	2,443.84 -187.02	688.32
26 05 36 00-2092	EA		30" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	2,720.27 -206.51	786.24
26 05 36 00-2093	EA		36" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	3,155.96 -239.62	911.71
26 05 36 00-2094			Straight Reducers (26 05 36 00-1961)		
26 05 36 00-2095	EA		9"-6" Reducer, Vented Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	313.57 -23.74	91.41
26 05 36 00-2096	EA		12"-9" Reducer, Vented Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	329.18 -24.89	96.33
26 05 36 00-2097	EA		18"-12" Reducer, Vented Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	371.59 -27.64	114.15
26 05 36 00-2098	EA		24"-18" Reducer, Vented Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	411.09 -30.25	130.38
26 05 36 00-2099	EA		30"-24" Reducer, Vented Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	452.82 -32.59	152.32
26 05 36 00-2100	EA		36"-30" Reducer, Vented Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	491.54 -34.90	171.05
26 05 36 00-2101			Reducers (26 05 36 00-1961)		
26 05 36 00-2102	EA		12"-6" Reducer, Vented Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	328.91 -24.88	96.10

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2103	EA		18"-6" Reducer, Vented Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	371.46 -27.64	114.15
26 05 36 00-2104	EA		18"-9" Reducer, Vented Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	371.46 -27.64	114.15
26 05 36 00-2105	EA		24"-6" Reducer, Vented Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	411.26 -30.26	130.49
26 05 36 00-2106	EA		24"-9" Reducer, Vented Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	411.26 -30.26	130.49
26 05 36 00-2107	EA		24"-12" Reducer, Vented Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	411.59 -30.27	130.61
26 05 36 00-2108	EA		30"-12" Reducer, Vented Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	457.62 -33.08	152.20
26 05 36 00-2109	EA		30"-18" Reducer, Vented Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	452.36 -32.56	152.09
26 05 36 00-2110	EA		36"-12" Reducer, Vented Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	491.54 -34.90	171.05
26 05 36 00-2111	EA		36"-18" Reducer, Vented Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	491.54 -34.90	171.05
26 05 36 00-2112	EA		36"-24" Reducer, Vented Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	492.11 -34.93	171.39
26 05 36 00-2113			Dropout Or End Plate <small>(26 05 36 00-1961)</small>		
26 05 36 00-2114	EA		6" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	103.25	42.16
26 05 36 00-2115	EA		9" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	112.67	46.05
26 05 36 00-2116	EA		12" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	121.41	49.48
26 05 36 00-2117	EA		18" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	137.99	54.62
26 05 36 00-2118	EA		24" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	158.24	60.90
26 05 36 00-2119	EA		30" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	174.55	68.44
26 05 36 00-2120	EA		36" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	199.86	78.38
26 05 36 00-2121			Cable Tray Covers And Dividers <small>(26 05 36 00-0001)</small>		
26 05 36 00-2122			Galvanized Steel Covers <small>(26 05 36 00-2121)</small>		
26 05 36 00-2123			Ventilated Straight Sections <small>(26 05 36 00-2122)</small>		
26 05 36 00-2124	LF		6" Steel Cable Tray Cover, Straight Section	10.15	2.05
26 05 36 00-2125	LF		9" Steel Cable Tray Cover, Straight Section	12.24	2.40
26 05 36 00-2126	LF		12" Steel Cable Tray Cover, Straight Section	14.38	2.75
26 05 36 00-2127	LF		18" Steel Cable Tray Cover, Straight Section	19.50	3.66
26 05 36 00-2128	LF		24" Steel Cable Tray Cover, Straight Section	24.72	4.91
26 05 36 00-2129	LF		30" Steel Cable Tray Cover, Straight Section	29.99	6.05
26 05 36 00-2130	LF		36" Steel Cable Tray Cover, Straight Section	137.20	68.67
26 05 36 00-2131			90 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-2122)</small>		
26 05 36 00-2132	EA		6" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	61.88	7.32
26 05 36 00-2133	EA		9" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	69.21	8.57
26 05 36 00-2134	EA		12" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	74.97	10.17
26 05 36 00-2135	EA		18" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	101.98	13.03
26 05 36 00-2136	EA		24" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	124.87	16.57
26 05 36 00-2137	EA		30" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	151.00	18.39
26 05 36 00-2138	EA		36" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	182.39	21.94
26 05 36 00-2139			90 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-2122)</small>		
26 05 36 00-2140	EA		6" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	95.87	8.11
26 05 36 00-2141	EA		9" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	100.28	9.48
26 05 36 00-2142	EA		12" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	113.11	11.43
26 05 36 00-2143	EA		18" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	140.31	14.51
26 05 36 00-2144	EA		24" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	172.06	18.28
26 05 36 00-2145	EA		30" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	221.05	21.03
26 05 36 00-2146	EA		36" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	257.10	24.91
26 05 36 00-2147			90 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-2122)</small>		
26 05 36 00-2148	EA		6" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	135.60	9.14
26 05 36 00-2149	EA		9" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	150.70	10.51
26 05 36 00-2150	EA		12" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	163.29	13.03
26 05 36 00-2151	EA		18" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	207.09	15.20
26 05 36 00-2152	EA		24" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	250.65	21.14
26 05 36 00-2153	EA		30" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	295.40	23.89
26 05 36 00-2154	EA		36" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	345.65	27.42
26 05 36 00-2155			45 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-2122)</small>		
26 05 36 00-2156	EA		6" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	47.52	7.32
			<i>For 60 Degree Bend, Deduct</i>	-12.87	
			<i>For 30 Degree Bend, Deduct</i>	-21.85	
26 05 36 00-2157	EA		9" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	56.54	8.57
			<i>For 60 Degree Bend, Deduct</i>	-15.37	
			<i>For 30 Degree Bend, Deduct</i>	-26.10	
26 05 36 00-2158	EA		12" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	63.35	10.17
			<i>For 60 Degree Bend, Deduct</i>	-17.03	
			<i>For 30 Degree Bend, Deduct</i>	-28.94	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2159	EA		18" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	76.74	12.46
			<i>For 60 Degree Bend, Deduct</i>	-20.55	
			<i>For 30 Degree Bend, Deduct</i>	-34.94	
26 05 36 00-2160	EA		24" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	89.59	14.39
			<i>For 60 Degree Bend, Deduct</i>	-24.02	
			<i>For 30 Degree Bend, Deduct</i>	-40.84	
26 05 36 00-2161	EA		30" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	104.82	16.57
			<i>For 60 Degree Bend, Deduct</i>	-28.22	
			<i>For 30 Degree Bend, Deduct</i>	-47.96	
26 05 36 00-2162	EA		36" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	117.10	18.28
			<i>For 60 Degree Bend, Deduct</i>	-31.63	
			<i>For 30 Degree Bend, Deduct</i>	-53.74	
26 05 36 00-2163			45 Degree, 24" Radius Horizontal Elbows (26 05 36 00-2122)		
26 05 36 00-2164	EA		6" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	65.24	8.11
			<i>For 60 Degree Bend, Deduct</i>	-18.43	
			<i>For 30 Degree Bend, Deduct</i>	-31.16	
26 05 36 00-2165	EA		9" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	73.87	9.48
			<i>For 60 Degree Bend, Deduct</i>	-20.75	
			<i>For 30 Degree Bend, Deduct</i>	-35.11	
26 05 36 00-2166	EA		12" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	84.59	11.43
			<i>For 60 Degree Bend, Deduct</i>	-23.52	
			<i>For 30 Degree Bend, Deduct</i>	-39.84	
26 05 36 00-2167	EA		18" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	97.89	13.71
			<i>For 60 Degree Bend, Deduct</i>	-27.04	
			<i>For 30 Degree Bend, Deduct</i>	-45.83	
26 05 36 00-2168	EA		24" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	112.79	15.66
			<i>For 60 Degree Bend, Deduct</i>	-31.20	
			<i>For 30 Degree Bend, Deduct</i>	-52.88	
26 05 36 00-2169	EA		30" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	140.40	18.28
			<i>For 60 Degree Bend, Deduct</i>	-39.31	
			<i>For 30 Degree Bend, Deduct</i>	-66.53	
26 05 36 00-2170	EA		36" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	155.62	21.14
			<i>For 60 Degree Bend, Deduct</i>	-43.26	
			<i>For 30 Degree Bend, Deduct</i>	-73.27	
26 05 36 00-2171			45 Degree, 36" Radius Horizontal Elbows (26 05 36 00-2122)		
26 05 36 00-2172	EA		6" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	90.19	9.14
			<i>For 60 Degree Bend, Deduct</i>	-26.27	
			<i>For 30 Degree Bend, Deduct</i>	-44.29	
26 05 36 00-2173	EA		9" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	102.11	10.51
			<i>For 60 Degree Bend, Deduct</i>	-29.65	
			<i>For 30 Degree Bend, Deduct</i>	-50.00	
26 05 36 00-2174	EA		12" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	114.64	13.03
			<i>For 60 Degree Bend, Deduct</i>	-32.84	
			<i>For 30 Degree Bend, Deduct</i>	-55.46	
26 05 36 00-2175	EA		18" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	130.83	14.51
			<i>For 60 Degree Bend, Deduct</i>	-37.62	
			<i>For 30 Degree Bend, Deduct</i>	-63.51	
26 05 36 00-2176	EA		24" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	159.45	17.71
			<i>For 60 Degree Bend, Deduct</i>	-45.83	
			<i>For 30 Degree Bend, Deduct</i>	-77.37	
26 05 36 00-2177	EA		30" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	176.74	21.14
			<i>For 60 Degree Bend, Deduct</i>	-50.23	
			<i>For 30 Degree Bend, Deduct</i>	-84.89	
26 05 36 00-2178	EA		36" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	209.24	22.85
			<i>For 60 Degree Bend, Deduct</i>	-60.28	
			<i>For 30 Degree Bend, Deduct</i>	-101.74	
26 05 36 00-2179			90 Degree, 12" Radius Vertical Risers (26 05 36 00-2122)		
26 05 36 00-2180	EA		6" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	53.61	7.32
26 05 36 00-2181	EA		9" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	56.54	8.57
26 05 36 00-2182	EA		12" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	62.29	10.17
26 05 36 00-2183	EA		18" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	72.54	12.46
26 05 36 00-2184	EA		24" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	79.69	16.11
26 05 36 00-2185	EA		30" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	88.67	18.39
26 05 36 00-2186	EA		36" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	111.53	21.94
26 05 36 00-2187			90 Degree, 24" Radius Vertical Risers (26 05 36 00-2122)		
26 05 36 00-2188	EA		6" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	64.18	8.11
26 05 36 00-2189	EA		9" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	71.76	9.48
26 05 36 00-2190	EA		12" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	77.19	11.43
26 05 36 00-2191	EA		18" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	99.97	13.71
26 05 36 00-2192	EA		24" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	116.10	17.71
26 05 36 00-2193	EA		30" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	133.39	21.14
26 05 36 00-2194	EA		36" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	153.58	24.91
26 05 36 00-2195			90 Degree, 36" Radius Vertical Risers (26 05 36 00-2122)		
26 05 36 00-2196	EA		6" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	74.33	9.14
26 05 36 00-2197	EA		9" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	92.60	10.51
26 05 36 00-2198	EA		12" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	106.25	13.03
26 05 36 00-2199	EA		18" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	130.83	14.51

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2200	EA		24" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover.....	152.09	20.23
26 05 36 00-2201	EA		30" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover.....	181.31	23.89
26 05 36 00-2202	EA		36" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover.....	212.55	27.42
26 05 36 00-2203			12" Radius Horizontal Tees (26 05 36 00-2122)		
26 05 36 00-2204	EA		6" Horizontal Tee, 12" Radius, Steel Cable Tray Cover.....	94.89	11.89
26 05 36 00-2205	EA		9" Horizontal Tee, 12" Radius, Steel Cable Tray Cover.....	99.97	13.71
26 05 36 00-2206	EA		12" Horizontal Tee, 12" Radius, Steel Cable Tray Cover.....	113.41	16.11
26 05 36 00-2207	EA		18" Horizontal Tee, 12" Radius, Steel Cable Tray Cover.....	136.18	18.28
26 05 36 00-2208	EA		24" Horizontal Tee, 12" Radius, Steel Cable Tray Cover.....	168.29	21.14
26 05 36 00-2209	EA		30" Horizontal Tee, 12" Radius, Steel Cable Tray Cover.....	207.03	30.39
26 05 36 00-2210	EA		36" Horizontal Tee, 12" Radius, Steel Cable Tray Cover.....	248.84	36.45
26 05 36 00-2211			24" Radius Horizontal Tees (26 05 36 00-2122)		
26 05 36 00-2212	EA		6" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	139.09	12.46
26 05 36 00-2213	EA		9" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	159.35	14.51
26 05 36 00-2214	EA		12" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	167.98	17.14
26 05 36 00-2215	EA		18" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	212.26	19.66
26 05 36 00-2216	EA		24" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	312.65	22.85
26 05 36 00-2217	EA		30" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	369.86	34.28
26 05 36 00-2218	EA		36" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	414.65	42.16
26 05 36 00-2219			36" Radius Horizontal Tees (26 05 36 00-2122)		
26 05 36 00-2220	EA		6" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	235.10	13.03
26 05 36 00-2221	EA		9" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	242.98	15.20
26 05 36 00-2222	EA		12" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	271.35	18.28
26 05 36 00-2223	EA		18" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	318.36	21.14
26 05 36 00-2224	EA		24" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	413.45	24.91
26 05 36 00-2225	EA		30" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	468.99	39.30
26 05 36 00-2226	EA		36" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	541.31	49.71
26 05 36 00-2227			12" Radius Horizontal Crosses (26 05 36 00-2122)		
26 05 36 00-2228	EA		6" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	138.83	16.11
26 05 36 00-2229	EA		9" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	146.88	17.14
26 05 36 00-2230	EA		12" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	162.59	18.28
26 05 36 00-2231	EA		18" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	191.53	21.14
26 05 36 00-2232	EA		24" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	240.80	30.39
26 05 36 00-2233	EA		30" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	278.35	36.45
26 05 36 00-2234	EA		36" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	318.78	39.19
26 05 36 00-2235			24" Radius Horizontal Crosses (26 05 36 00-2122)		
26 05 36 00-2236	EA		6" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	241.99	17.14
26 05 36 00-2237	EA		9" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	262.91	18.28
26 05 36 00-2238	EA		12" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	281.99	19.66
26 05 36 00-2239	EA		18" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	335.89	22.85
26 05 36 00-2240	EA		24" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	420.52	34.28
26 05 36 00-2241	EA		30" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	480.06	42.16
26 05 36 00-2242	EA		36" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	536.60	45.59
26 05 36 00-2243			36" Radius Horizontal Crosses (26 05 36 00-2122)		
26 05 36 00-2244	EA		6" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	387.56	18.28
26 05 36 00-2245	EA		9" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	402.41	19.66
26 05 36 00-2246	EA		12" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	424.00	21.14
26 05 36 00-2247	EA		18" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	489.51	24.91
26 05 36 00-2248	EA		24" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	635.86	39.19
26 05 36 00-2249	EA		30" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	695.91	49.94
26 05 36 00-2250	EA		36" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	746.37	54.85
26 05 36 00-2251			Reducers (26 05 36 00-2122)		
26 05 36 00-2252	EA		9"-6" Reducer, Steel Cable Tray Covers.....	61.83	8.57
26 05 36 00-2253	EA		12"-6" Reducer, Steel Cable Tray Covers.....	66.56	10.17
26 05 36 00-2254	EA		12"-9" Reducer, Steel Cable Tray Covers.....	66.56	10.17
26 05 36 00-2255	EA		18"-6" Reducer, Steel Cable Tray Covers.....	73.60	12.46
26 05 36 00-2256	EA		18"-12" Reducer, Steel Cable Tray Covers.....	73.60	12.46
26 05 36 00-2257	EA		24"-12" Reducer, Steel Cable Tray Covers.....	90.46	13.71
26 05 36 00-2258	EA		24"-18" Reducer, Steel Cable Tray Covers.....	96.80	13.71
26 05 36 00-2259	EA		30"-12" Reducer, Steel Cable Tray Covers.....	93.75	15.66
26 05 36 00-2260	EA		30"-18" Reducer, Steel Cable Tray Covers.....	100.09	15.66
26 05 36 00-2261	EA		30"-24" Reducer, Steel Cable Tray Covers.....	104.31	15.66
26 05 36 00-2262	EA		36"-12" Reducer, Steel Cable Tray Covers.....	108.79	17.14
26 05 36 00-2263	EA		36"-18" Reducer, Steel Cable Tray Covers.....	110.91	17.14
26 05 36 00-2264	EA		36"-24" Reducer, Steel Cable Tray Covers.....	113.02	17.14
26 05 36 00-2265	EA		36"-30" Reducer, Steel Cable Tray Covers.....	114.08	17.14
26 05 36 00-2266			Aluminum Covers (26 05 36 00-2121)		

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

		MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST	
26 05 36 00-2267		Ventilated Straight Sections (26 05 36 00-2266)						
26 05 36 00-2268	LF	6"	Aluminum Cable Tray Cover, Straight Section		11.37	2.05		
26 05 36 00-2269	LF	9"	Aluminum Cable Tray Cover, Straight Section		13.56	2.40		
26 05 36 00-2270	LF	12"	Aluminum Cable Tray Cover, Straight Section		15.93	2.75		
26 05 36 00-2271	LF	18"	Aluminum Cable Tray Cover, Straight Section		21.19	3.66		
26 05 36 00-2272	LF	24"	Aluminum Cable Tray Cover, Straight Section		27.23	4.91		
26 05 36 00-2273	LF	30"	Aluminum Cable Tray Cover, Straight Section		30.93	6.05		
26 05 36 00-2274	LF	36"	Aluminum Cable Tray Cover, Straight Section		136.58	68.67		
26 05 36 00-2275		90 Degree, 12" Radius Horizontal Elbows (26 05 36 00-2266)						
26 05 36 00-2276	EA	6"	Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover		61.38	7.32		
26 05 36 00-2277	EA	9"	Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover		65.57	8.57		
26 05 36 00-2278	EA	12"	Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover		72.43	10.17		
26 05 36 00-2279	EA	18"	Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover		94.36	13.03		
26 05 36 00-2280	EA	24"	Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover		119.57	16.57		
26 05 36 00-2281	EA	30"	Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover		140.63	18.39		
26 05 36 00-2282	EA	36"	Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover		171.25	21.94		
26 05 36 00-2283		90 Degree, 24" Radius Horizontal Elbows (26 05 36 00-2266)						
26 05 36 00-2284	EA	6"	Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover		80.79	8.11		
26 05 36 00-2285	EA	9"	Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover		99.12	9.48		
26 05 36 00-2286	EA	12"	Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover		110.98	11.43		
26 05 36 00-2287	EA	18"	Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover		133.10	14.51		
26 05 36 00-2288	EA	24"	Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover		165.15	18.28		
26 05 36 00-2289	EA	30"	Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover		199.68	21.03		
26 05 36 00-2290	EA	36"	Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover		244.62	24.91		
26 05 36 00-2291		90 Degree, 36" Radius Horizontal Elbows (26 05 36 00-2266)						
26 05 36 00-2292	EA	6"	Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover		130.57	9.14		
26 05 36 00-2293	EA	9"	Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover		143.69	10.51		
26 05 36 00-2294	EA	12"	Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover		164.92	13.03		
26 05 36 00-2295	EA	18"	Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover		196.36	15.20		
26 05 36 00-2296	EA	24"	Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover		242.45	21.14		
26 05 36 00-2297	EA	30"	Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover		279.11	23.89		
26 05 36 00-2298	EA	36"	Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover		325.60	27.42		
26 05 36 00-2299		45 Degree, 12" Radius Horizontal Elbows (26 05 36 00-2266)						
26 05 36 00-2300	EA	6"	Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover		48.57	7.32		
			For 60 Degree Bend, Deduct		-13.21			
			For 30 Degree Bend, Deduct		-22.43			
26 05 36 00-2301	EA	9"	Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover		51.68	8.57		
			For 60 Degree Bend, Deduct		-13.77			
			For 30 Degree Bend, Deduct		-23.43			
26 05 36 00-2302	EA	12"	Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover		58.76	10.17		
			For 60 Degree Bend, Deduct		-15.51			
			For 30 Degree Bend, Deduct		-26.41			
26 05 36 00-2303	EA	18"	Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover		68.83	12.46		
			For 60 Degree Bend, Deduct		-17.94			
			For 30 Degree Bend, Deduct		-30.59			
26 05 36 00-2304	EA	24"	Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover		77.52	14.39		
			For 60 Degree Bend, Deduct		-20.04			
			For 30 Degree Bend, Deduct		-34.20			
26 05 36 00-2305	EA	30"	Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover		95.02	16.57		
			For 60 Degree Bend, Deduct		-24.99			
			For 30 Degree Bend, Deduct		-42.57			
26 05 36 00-2306	EA	36"	Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover		111.69	18.28		
			For 60 Degree Bend, Deduct		-29.85			
			For 30 Degree Bend, Deduct		-50.76			
26 05 36 00-2307		45 Degree, 24" Radius Horizontal Elbows (26 05 36 00-2266)						
26 05 36 00-2308	EA	6"	Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover		55.69	8.11		
			For 60 Degree Bend, Deduct		-15.28			
			For 30 Degree Bend, Deduct		-25.91			
26 05 36 00-2309	EA	9"	Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover		69.20	9.48		
			For 60 Degree Bend, Deduct		-19.21			
			For 30 Degree Bend, Deduct		-32.54			
26 05 36 00-2310	EA	12"	Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover		74.65	11.43		
			For 60 Degree Bend, Deduct		-20.24			
			For 30 Degree Bend, Deduct		-34.38			
26 05 36 00-2311	EA	18"	Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover		90.21	13.71		
			For 60 Degree Bend, Deduct		-24.50			
			For 30 Degree Bend, Deduct		-41.60			
26 05 36 00-2312	EA	24"	Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover		109.52	15.66		
			For 60 Degree Bend, Deduct		-30.12			
			For 30 Degree Bend, Deduct		-51.08			
26 05 36 00-2313	EA	30"	Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover		126.71	18.28		
			For 60 Degree Bend, Deduct		-34.79			
			For 30 Degree Bend, Deduct		-59.00			
26 05 36 00-2314	EA	36"	Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover		146.32	21.14		
			For 60 Degree Bend, Deduct		-40.19			
			For 30 Degree Bend, Deduct		-68.16			

	MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 36 00-2315 45 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-2266)</small>				
26 05 36 00-2316	EA	6" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	87.85	9.14
		For 60 Degree Bend, Deduct	-25.50	
		For 30 Degree Bend, Deduct	-43.00	
26 05 36 00-2317	EA	9" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	96.67	10.51
		For 60 Degree Bend, Deduct	-27.85	
		For 30 Degree Bend, Deduct	-47.01	
26 05 36 00-2318	EA	12" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	105.03	13.03
		For 60 Degree Bend, Deduct	-29.67	
		For 30 Degree Bend, Deduct	-50.18	
26 05 36 00-2319	EA	18" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	124.58	14.51
		For 60 Degree Bend, Deduct	-35.56	
		For 30 Degree Bend, Deduct	-60.07	
26 05 36 00-2320	EA	24" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	151.33	17.71
		For 60 Degree Bend, Deduct	-43.15	
		For 30 Degree Bend, Deduct	-72.90	
26 05 36 00-2321	EA	30" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	174.10	21.14
		For 60 Degree Bend, Deduct	-49.36	
		For 30 Degree Bend, Deduct	-83.44	
26 05 36 00-2322	EA	36" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	196.25	22.85
		For 60 Degree Bend, Deduct	-56.00	
		For 30 Degree Bend, Deduct	-94.60	
26 05 36 00-2323 90 Degree, 12" Radius Vertical Risers <small>(26 05 36 00-2266)</small>				
26 05 36 00-2324	EA	6" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	54.09	7.32
26 05 36 00-2325	EA	9" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	56.49	8.57
26 05 36 00-2326	EA	12" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	62.82	10.17
26 05 36 00-2327	EA	18" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	74.21	12.46
26 05 36 00-2328	EA	24" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	82.43	16.11
26 05 36 00-2329	EA	30" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	87.20	18.39
26 05 36 00-2330	EA	36" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	104.92	21.94
26 05 36 00-2331 90 Degree, 24" Radius Vertical Risers <small>(26 05 36 00-2266)</small>				
26 05 36 00-2332	EA	6" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	61.55	8.11
26 05 36 00-2333	EA	9" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	68.13	9.48
26 05 36 00-2334	EA	12" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	75.72	11.43
26 05 36 00-2335	EA	18" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	91.24	13.71
26 05 36 00-2336	EA	24" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	104.28	17.71
26 05 36 00-2337	EA	30" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	131.32	21.14
26 05 36 00-2338	EA	36" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	146.32	24.91
26 05 36 00-2339 90 Degree, 36" Radius Vertical Risers <small>(26 05 36 00-2266)</small>				
26 05 36 00-2340	EA	6" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	70.73	9.14
26 05 36 00-2341	EA	9" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	85.99	10.51
26 05 36 00-2342	EA	12" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	100.81	13.03
26 05 36 00-2343	EA	18" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	120.31	14.51
26 05 36 00-2344	EA	24" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	147.04	20.23
26 05 36 00-2345	EA	30" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	182.94	23.89
26 05 36 00-2346	EA	36" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	199.51	27.42
26 05 36 00-2347 12" Radius Horizontal Tees <small>(26 05 36 00-2266)</small>				
26 05 36 00-2348	EA	6" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover.....	88.28	11.89
26 05 36 00-2349	EA	9" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover.....	95.51	13.71
26 05 36 00-2350	EA	12" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover.....	108.00	16.11
26 05 36 00-2351	EA	18" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover.....	126.71	18.28
26 05 36 00-2352	EA	24" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover.....	157.00	21.14
26 05 36 00-2353	EA	30" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover.....	193.87	30.39
26 05 36 00-2354	EA	36" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover.....	233.90	36.45
26 05 36 00-2355 24" Radius Horizontal Tees <small>(26 05 36 00-2266)</small>				
26 05 36 00-2356	EA	6" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover.....	131.91	12.46
26 05 36 00-2357	EA	9" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover.....	148.08	14.51
26 05 36 00-2358	EA	12" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover.....	167.45	17.14
26 05 36 00-2359	EA	18" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover.....	195.10	19.66
26 05 36 00-2360	EA	24" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover.....	296.58	22.85
26 05 36 00-2361	EA	30" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover.....	343.54	34.28
26 05 36 00-2362	EA	36" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover.....	388.69	42.16
26 05 36 00-2363 36" Radius Horizontal Tees <small>(26 05 36 00-2266)</small>				
26 05 36 00-2364	EA	6" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover.....	224.73	13.03
26 05 36 00-2365	EA	9" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover.....	232.67	15.20
26 05 36 00-2366	EA	12" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover.....	259.17	18.28
26 05 36 00-2367	EA	18" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover.....	293.84	21.14
26 05 36 00-2368	EA	24" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover.....	370.71	24.91
26 05 36 00-2369	EA	30" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover.....	435.16	39.30
26 05 36 00-2370	EA	36" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover.....	499.57	49.71

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

		MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION	
						UNIT COST	UNIT COST	
26 05 36 00-2371		12" Radius Horizontal Crosses (26 05 36 00-2266)						
	26 05 36 00-2372	EA	6"		Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover.....	131.57	16.11	
	26 05 36 00-2373	EA	9"		Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover.....	139.70	17.14	
	26 05 36 00-2374	EA	12"		Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover.....	154.49	18.28	
	26 05 36 00-2375	EA	18"		Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover.....	184.78	21.14	
	26 05 36 00-2376	EA	24"		Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover.....	223.75	30.39	
	26 05 36 00-2377	EA	30"		Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover.....	265.90	36.45	
	26 05 36 00-2378	EA	36"		Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover.....	302.46	39.19	
26 05 36 00-2379		24" Radius Horizontal Crosses (26 05 36 00-2266)						
	26 05 36 00-2380	EA	6"		Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover.....	233.76	17.14	
	26 05 36 00-2381	EA	9"		Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover.....	250.63	18.28	
	26 05 36 00-2382	EA	12"		Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover.....	269.89	19.66	
	26 05 36 00-2383	EA	18"		Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover.....	313.67	22.85	
	26 05 36 00-2384	EA	24"		Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover.....	386.24	34.28	
	26 05 36 00-2385	EA	30"		Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover.....	454.85	42.16	
	26 05 36 00-2386	EA	36"		Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover.....	492.75	45.59	
26 05 36 00-2387		36" Radius Horizontal Crosses (26 05 36 00-2266)						
	26 05 36 00-2388	EA	6"		Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover.....	359.61	18.28	
	26 05 36 00-2389	EA	9"		Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover.....	376.75	19.66	
	26 05 36 00-2390	EA	12"		Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover.....	404.96	21.14	
	26 05 36 00-2391	EA	18"		Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover.....	447.64	24.91	
	26 05 36 00-2392	EA	24"		Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover.....	567.62	39.19	
	26 05 36 00-2393	EA	30"		Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover.....	660.22	49.94	
	26 05 36 00-2394	EA	36"		Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover.....	721.85	54.85	
26 05 36 00-2395		Reducers (26 05 36 00-2266)						
	26 05 36 00-2396	EA	9"-6"		Reducer, Aluminum Cable Tray Covers.....	66.65	8.57	
	26 05 36 00-2397	EA	12"-6"		Reducer, Aluminum Cable Tray Covers.....	71.41	10.17	
	26 05 36 00-2398	EA	12"-9"		Reducer, Aluminum Cable Tray Covers.....	71.41	10.17	
	26 05 36 00-2399	EA	18"-6"		Reducer, Aluminum Cable Tray Covers.....	80.61	12.46	
	26 05 36 00-2400	EA	18"-12"		Reducer, Aluminum Cable Tray Covers.....	80.61	12.46	
	26 05 36 00-2401	EA	24"-12"		Reducer, Aluminum Cable Tray Covers.....	89.10	13.71	
	26 05 36 00-2402	EA	24"-18"		Reducer, Aluminum Cable Tray Covers.....	97.61	13.71	
	26 05 36 00-2403	EA	30"-12"		Reducer, Aluminum Cable Tray Covers.....	103.07	15.66	
	26 05 36 00-2404	EA	30"-18"		Reducer, Aluminum Cable Tray Covers.....	106.25	15.66	
	26 05 36 00-2405	EA	30"-24"		Reducer, Aluminum Cable Tray Covers.....	108.45	15.66	
	26 05 36 00-2406	EA	36"-12"		Reducer, Aluminum Cable Tray Covers.....	113.99	17.14	
	26 05 36 00-2407	EA	36"-18"		Reducer, Aluminum Cable Tray Covers.....	116.13	17.14	
	26 05 36 00-2408	EA	36"-24"		Reducer, Aluminum Cable Tray Covers.....	117.20	17.14	
	26 05 36 00-2409	EA	36"-30"		Reducer, Aluminum Cable Tray Covers.....	118.27	17.14	
26 05 36 00-2410		Galvanized Steel Dividers (26 05 36 00-2121)						
26 05 36 00-2411		Straight Dividers (26 05 36 00-2410)						
	26 05 36 00-2412	LF	3"		Deep Galvanized Steel Divider Strip, Straight.....	10.38	2.75	
	26 05 36 00-2413	LF	4"		Deep Galvanized Steel Divider Strip, Straight.....	12.22	2.97	
	26 05 36 00-2414	LF	6"		Deep Galvanized Steel Divider Strip, Straight.....	15.11	3.43	
26 05 36 00-2415		3" Deep Vertical Dividers (26 05 36 00-2410)						
	26 05 36 00-2416	EA	Vertical		Divider, 3" Deep, 12" Radius, 30 Degree, Steel Cable Tray.....	61.20	19.66	
	26 05 36 00-2417	EA	Vertical		Divider, 3" Deep, 12" Radius, 45 Degree, Steel Cable Tray.....	69.63	20.34	
	26 05 36 00-2418	EA	Vertical		Divider, 3" Deep, 12" Radius, 60 Degree, Steel Cable Tray.....	73.22	21.14	
	26 05 36 00-2419	EA	Vertical		Divider, 3" Deep, 12" Radius, 90 Degree, Steel Cable Tray.....	84.11	21.94	
	26 05 36 00-2420	EA	Vertical		Divider, 3" Deep, 24" Radius, 30 Degree, Steel Cable Tray.....	79.88	21.94	
	26 05 36 00-2421	EA	Vertical		Divider, 3" Deep, 24" Radius, 45 Degree, Steel Cable Tray.....	86.64	22.85	
	26 05 36 00-2422	EA	Vertical		Divider, 3" Deep, 24" Radius, 60 Degree, Steel Cable Tray.....	101.03	23.89	
	26 05 36 00-2423	EA	Vertical		Divider, 3" Deep, 24" Radius, 90 Degree, Steel Cable Tray.....	125.05	24.91	
	26 05 36 00-2424	EA	Vertical		Divider, 3" Deep, 36" Radius, 30 Degree, Steel Cable.....	99.70	24.91	
	26 05 36 00-2425	EA	Vertical		Divider, 3" Deep, 36" Radius, 45 Degree, Steel Cable Tray.....	111.14	26.16	
	26 05 36 00-2426	EA	Vertical		Divider, 3" Deep, 36" Radius, 60 Degree, Steel Cable Tray.....	124.94	27.42	
	26 05 36 00-2427	EA	Vertical		Divider, 3" Deep, 36" Radius, 90 Degree, Steel Cable Tray.....	157.96	28.91	
26 05 36 00-2428		4" Deep Vertical Dividers (26 05 36 00-2410)						
	26 05 36 00-2429	EA	Vertical		Divider, 4" Deep, 12" Radius, 30 Degree, Steel Cable Tray.....	70.16	20.34	
	26 05 36 00-2430	EA	Vertical		Divider, 4" Deep, 12" Radius, 45 Degree, Steel Cable Tray.....	77.45	21.14	
	26 05 36 00-2431	EA	Vertical		Divider, 4" Deep, 12" Radius, 60 Degree, Steel Cable Tray.....	84.11	21.94	
	26 05 36 00-2432	EA	Vertical		Divider, 4" Deep, 12" Radius, 90 Degree, Steel Cable Tray.....	96.15	22.85	
	26 05 36 00-2433	EA	Vertical		Divider, 4" Deep, 24" Radius, 30 Degree, Steel Cable Tray.....	96.15	22.85	
	26 05 36 00-2434	EA	Vertical		Divider, 4" Deep, 24" Radius, 45 Degree, Steel Cable Tray.....	112.65	23.89	
	26 05 36 00-2435	EA	Vertical		Divider, 4" Deep, 24" Radius, 60 Degree, Steel Cable Tray.....	124.00	24.91	
	26 05 36 00-2436	EA	Vertical		Divider, 4" Deep, 24" Radius, 90 Degree, Steel Cable Tray.....	153.39	26.16	
	26 05 36 00-2437	EA	Vertical		Divider, 4" Deep, 36" Radius, 30 Degree, Steel Cable Tray.....	107.37	23.89	
	26 05 36 00-2438	EA	Vertical		Divider, 4" Deep, 36" Radius, 45 Degree, Steel Cable Tray.....	118.72	24.91	
	26 05 36 00-2439	EA	Vertical		Divider, 4" Deep, 36" Radius, 60 Degree, Steel Cable Tray.....	140.72	26.16	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 36 00-2440	EA	Vertical Divider, 4" Deep, 36" Radius, 90 Degree, Steel Cable Tray	177.76	27.42
26 05 36 00-2441 6" Deep Vertical Dividers <small>(26 05 36 00-2410)</small>				
26 05 36 00-2442	EA	Vertical Divider, 6" Deep, 12" Radius, 30 Degree, Steel Cable Tray	77.66	22.85
26 05 36 00-2443	EA	Vertical Divider, 6" Deep, 12" Radius, 45 Degree, Steel Cable Tray	84.13	23.89
26 05 36 00-2444	EA	Vertical Divider, 6" Deep, 12" Radius, 60 Degree, Steel Cable Tray	92.31	24.91
26 05 36 00-2445	EA	Vertical Divider, 6" Deep, 12" Radius, 90 Degree, Steel Cable Tray	106.91	26.16
26 05 36 00-2446	EA	Vertical Divider, 6" Deep, 24" Radius, 30 Degree, Steel Cable Tray	97.86	23.89
26 05 36 00-2447	EA	Vertical Divider, 6" Deep, 24" Radius, 45 Degree, Steel Cable Tray	114.49	24.91
26 05 36 00-2448	EA	Vertical Divider, 6" Deep, 24" Radius, 60 Degree, Steel Cable Tray	126.98	26.16
26 05 36 00-2449	EA	Vertical Divider, 6" Deep, 24" Radius, 90 Degree, Steel Cable Tray	155.57	27.42
26 05 36 00-2450	EA	Vertical Divider, 6" Deep, 36" Radius, 30 Degree, Steel Cable Tray	109.21	24.91
26 05 36 00-2451	EA	Vertical Divider, 6" Deep, 36" Radius, 45 Degree, Steel Cable Tray	126.98	26.16
26 05 36 00-2452	EA	Vertical Divider, 6" Deep, 36" Radius, 60 Degree, Steel Cable Tray	155.57	27.42
26 05 36 00-2453	EA	Vertical Divider, 6" Deep, 36" Radius, 90 Degree, Steel Cable Tray	189.65	28.91
26 05 36 00-2454 Horizontal Dividers <small>(26 05 36 00-2410)</small>				
26 05 36 00-2455	EA	3" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	68.32	16.57
26 05 36 00-2456	EA	4" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	75.93	18.28
26 05 36 00-2457	EA	6" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	91.92	20.34
26 05 36 00-2458 Aluminum Dividers <small>(26 05 36 00-2121)</small>				
26 05 36 00-2459 Straight Dividers <small>(26 05 36 00-2458)</small>				
26 05 36 00-2460	LF	3" Deep Aluminum Divider Strip, Straight	10.22	2.63
26 05 36 00-2461	LF	4" Deep Aluminum Divider Strip, Straight	12.07	2.86
26 05 36 00-2462	LF	6" Deep Aluminum Divider Strip, Straight	14.88	3.20
26 05 36 00-2463 3" Deep Vertical Dividers <small>(26 05 36 00-2458)</small>				
26 05 36 00-2464	EA	Vertical Divider, 3" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	54.95	18.96
26 05 36 00-2465	EA	Vertical Divider, 3" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	60.29	19.66
26 05 36 00-2466	EA	Vertical Divider, 3" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	66.13	20.34
26 05 36 00-2467	EA	Vertical Divider, 3" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	76.09	21.14
26 05 36 00-2468	EA	Vertical Divider, 3" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	74.05	21.14
26 05 36 00-2469	EA	Vertical Divider, 3" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	81.56	21.94
26 05 36 00-2470	EA	Vertical Divider, 3" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	94.29	22.85
26 05 36 00-2471	EA	Vertical Divider, 3" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	116.45	23.89
26 05 36 00-2472	EA	Vertical Divider, 3" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	99.07	23.89
26 05 36 00-2473	EA	Vertical Divider, 3" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	118.29	24.91
26 05 36 00-2474	EA	Vertical Divider, 3" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	142.72	26.16
26 05 36 00-2475	EA	Vertical Divider, 3" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	175.57	27.42
26 05 36 00-2476 4" Deep Vertical Dividers <small>(26 05 36 00-2458)</small>				
26 05 36 00-2477	EA	Vertical Divider, 4" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	65.71	19.66
26 05 36 00-2478	EA	Vertical Divider, 4" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	72.17	20.34
26 05 36 00-2479	EA	Vertical Divider, 4" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	79.16	21.14
26 05 36 00-2480	EA	Vertical Divider, 4" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	88.72	21.94
26 05 36 00-2481	EA	Vertical Divider, 4" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	87.70	21.94
26 05 36 00-2482	EA	Vertical Divider, 4" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	101.45	22.85
26 05 36 00-2483	EA	Vertical Divider, 4" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	114.41	23.89
26 05 36 00-2484	EA	Vertical Divider, 4" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	143.86	24.91
26 05 36 00-2485	EA	Vertical Divider, 4" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	117.81	22.85
26 05 36 00-2486	EA	Vertical Divider, 4" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	142.02	23.89
26 05 36 00-2487	EA	Vertical Divider, 4" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	166.35	24.91
26 05 36 00-2488	EA	Vertical Divider, 4" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	201.00	26.16
26 05 36 00-2489 6" Deep Vertical Dividers <small>(26 05 36 00-2458)</small>				
26 05 36 00-2490	EA	Vertical Divider, 6" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	72.77	21.94
26 05 36 00-2491	EA	Vertical Divider, 6" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	81.00	22.85
26 05 36 00-2492	EA	Vertical Divider, 6" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	84.75	23.89
26 05 36 00-2493	EA	Vertical Divider, 6" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	94.77	24.91
26 05 36 00-2494	EA	Vertical Divider, 6" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	91.22	22.85
26 05 36 00-2495	EA	Vertical Divider, 6" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	112.36	23.89
26 05 36 00-2496	EA	Vertical Divider, 6" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	121.36	24.91
26 05 36 00-2497	EA	Vertical Divider, 6" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	151.92	26.16
26 05 36 00-2498	EA	Vertical Divider, 6" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	120.54	23.89
26 05 36 00-2499	EA	Vertical Divider, 6" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	149.99	24.91
26 05 36 00-2500	EA	Vertical Divider, 6" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	171.35	26.16
26 05 36 00-2501	EA	Vertical Divider, 6" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	199.09	27.42
26 05 36 00-2502 Horizontal Dividers <small>(26 05 36 00-2458)</small>				
26 05 36 00-2503	EA	3" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	63.39	15.66
26 05 36 00-2504	EA	4" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	69.47	17.14
26 05 36 00-2505	EA	6" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	85.73	18.96
26 05 36 00-2506 Cable Tray Wall Brackets <small>(26 05 36 00-0001)</small>				

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2507			Wall Brackets <small>(26 05 36 00-2506)</small>		
26 05 36 00-2508	EA		6" Wide Cable Tray Wall Bracket.....	83.69	22.85
26 05 36 00-2509	EA		9" Wide Cable Tray Wall Bracket.....	86.70	23.89
26 05 36 00-2510	EA		12" Wide Cable Tray Wall Bracket.....	95.06	24.91
26 05 36 00-2511	EA		18" Wide Cable Tray Wall Bracket.....	100.90	26.16
26 05 36 00-2512	EA		24" Wide Cable Tray Wall Bracket.....	109.60	27.42
26 05 36 00-2513	EA		30" Wide Cable Tray Wall Bracket.....	130.25	28.91
26 05 36 00-2514	EA		36" Wide Cable Tray Wall Bracket.....	155.72	30.85
26 05 36 00-2515			Fiberglass Cable Tray <small>(26 05 36 00-0001)</small>		
26 05 36 00-2516			Ladder Bottom Fiberglass Cable Tray <small>(26 05 36 00-2515)</small> Note: Excludes hangers and support system.		
26 05 36 00-2517			Straight Tray Sections <small>(26 05 36 00-2516)</small>		
26 05 36 00-2518	LF		6" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	11.53	3.09
			For 9" Rung Spacing, Add	0.24	
			For 6" Rung Spacing, Add	1.04	
			For 4" Rung Spacing, Add	1.91	
			For 18" Rung Spacing, Deduct	-0.17	
			For Solid Bottom, Add	2.77	
			For Vented Trough Bottom, Add	3.36	
26 05 36 00-2519	LF		9" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	12.90	3.77
			For 9" Rung Spacing, Add	0.25	
			For 6" Rung Spacing, Add	1.08	
			For 4" Rung Spacing, Add	1.98	
			For 18" Rung Spacing, Deduct	-0.18	
			For Solid Bottom, Add	3.01	
			For Vented Trough Bottom, Add	3.59	
26 05 36 00-2520	LF		12" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	14.25	4.57
			For 9" Rung Spacing, Add	0.26	
			For 6" Rung Spacing, Add	1.11	
			For 4" Rung Spacing, Add	2.03	
			For 18" Rung Spacing, Deduct	-0.18	
			For Solid Bottom, Add	3.25	
			For Vented Trough Bottom, Add	3.81	
26 05 36 00-2521	LF		18" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	17.09	6.05
			For 9" Rung Spacing, Add	0.28	
			For 6" Rung Spacing, Add	1.19	
			For 4" Rung Spacing, Add	2.19	
			For 18" Rung Spacing, Deduct	-0.20	
			For Solid Bottom, Add	3.76	
			For Vented Trough Bottom, Add	4.32	
26 05 36 00-2522	LF		24" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	19.91	7.66
			For 9" Rung Spacing, Add	0.30	
			For 6" Rung Spacing, Add	1.27	
			For 4" Rung Spacing, Add	2.33	
			For 18" Rung Spacing, Deduct	-0.21	
			For Solid Bottom, Add	4.26	
			For Vented Trough Bottom, Add	4.82	
26 05 36 00-2523	LF		30" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	21.77	8.34
			For 9" Rung Spacing, Add	0.32	
			For 6" Rung Spacing, Add	1.38	
			For 4" Rung Spacing, Add	2.53	
			For 18" Rung Spacing, Deduct	-0.23	
			For Solid Bottom, Add	4.65	
			For Vented Trough Bottom, Add	5.25	
26 05 36 00-2524	LF		36" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	23.66	9.14
			For 9" Rung Spacing, Add	0.35	
			For 6" Rung Spacing, Add	1.49	
			For 4" Rung Spacing, Add	2.74	
			For 18" Rung Spacing, Deduct	-0.25	
			For Solid Bottom, Add	5.04	
			For Vented Trough Bottom, Add	5.69	
26 05 36 00-2525			90 Degree Horizontal Elbows <small>(26 05 36 00-2516)</small>		
26 05 36 00-2526	EA		6" Horizontal 90 Degree Elbow, Fiberglass Cable Tray.....	62.44	22.85
			For 9" Rung Spacing, Add	0.99	
			For 6" Rung Spacing, Add	4.22	
			For 4" Rung Spacing, Add	7.74	
			For 18" Rung Spacing, Deduct	-0.70	
			For Solid Bottom, Add	13.59	
			For Vented Trough Bottom, Add	15.55	
			For 60 Degree Bend, Deduct	-12.72	
			For 45 Degree Bend, Deduct	-17.53	
			For 30 Degree Bend, Deduct	-22.34	
26 05 36 00-2527	EA		9" Horizontal 90 Degree Elbow, Fiberglass Cable Tray.....	69.76	26.62
			For 9" Rung Spacing, Add	1.04	
			For 6" Rung Spacing, Add	4.47	
			For 4" Rung Spacing, Add	8.19	
			For 18" Rung Spacing, Deduct	-0.74	
			For Solid Bottom, Add	14.93	
			For Vented Trough Bottom, Add	16.91	
			For 60 Degree Bend, Deduct	-13.82	
			For 45 Degree Bend, Deduct	-19.10	
			For 30 Degree Bend, Deduct	-24.37	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2528	EA			12" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	81.67	33.48
				For 9" Rung Spacing, Add	1.10	
				For 6" Rung Spacing, Add	4.71	
				For 4" Rung Spacing, Add	8.63	
				For 18" Rung Spacing, Deduct	-0.78	
				For Solid Bottom, Add	16.96	
				For Vented Trough Bottom, Add	18.84	
				For 60 Degree Bend, Deduct	-15.39	
				For 45 Degree Bend, Deduct	-21.35	
				For 30 Degree Bend, Deduct	-27.32	
26 05 36 00-2529	EA			18" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	96.61	40.44
				For 9" Rung Spacing, Add	1.26	
				For 6" Rung Spacing, Add	5.41	
				For 4" Rung Spacing, Add	9.91	
				For 18" Rung Spacing, Deduct	-0.90	
				For Solid Bottom, Add	19.90	
				For Vented Trough Bottom, Add	21.99	
				For 60 Degree Bend, Deduct	-17.95	
				For 45 Degree Bend, Deduct	-24.95	
				For 30 Degree Bend, Deduct	-31.94	
26 05 36 00-2530	EA			24" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	109.34	46.51
				For 9" Rung Spacing, Add	1.39	
				For 6" Rung Spacing, Add	5.95	
				For 4" Rung Spacing, Add	10.90	
				For 18" Rung Spacing, Deduct	-0.99	
				For Solid Bottom, Add	22.35	
				For Vented Trough Bottom, Add	24.57	
				For 60 Degree Bend, Deduct	-20.05	
				For 45 Degree Bend, Deduct	-27.90	
				For 30 Degree Bend, Deduct	-35.74	
26 05 36 00-2531	EA			30" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	119.83	49.59
				For 9" Rung Spacing, Add	1.59	
				For 6" Rung Spacing, Add	6.83	
				For 4" Rung Spacing, Add	12.53	
				For 18" Rung Spacing, Deduct	-1.14	
				For Solid Bottom, Add	24.81	
				For Vented Trough Bottom, Add	27.51	
				For 60 Degree Bend, Deduct	-22.46	
				For 45 Degree Bend, Deduct	-31.19	
				For 30 Degree Bend, Deduct	-39.91	
26 05 36 00-2532	EA			36" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	132.31	53.37
				For 9" Rung Spacing, Add	1.83	
				For 6" Rung Spacing, Add	7.85	
				For 4" Rung Spacing, Add	14.39	
				For 18" Rung Spacing, Deduct	-1.31	
				For Solid Bottom, Add	27.69	
				For Vented Trough Bottom, Add	30.93	
				For 60 Degree Bend, Deduct	-25.26	
				For 45 Degree Bend, Deduct	-35.02	
				For 30 Degree Bend, Deduct	-44.77	
26 05 36 00-2533				Inside Or Outside Vertical Risers (26 05 36 00-2516)		
26 05 36 00-2534	EA			6" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	91.85	22.85
				For 9" Rung Spacing, Add	2.01	
				For 6" Rung Spacing, Add	8.64	
				For 4" Rung Spacing, Add	15.83	
				For 18" Rung Spacing, Deduct	-1.44	
				For Solid Bottom, Add	22.41	
				For Vented Trough Bottom, Add	27.31	
				For 60 Degree Bend, Deduct	-22.43	
				For 45 Degree Bend, Deduct	-30.47	
				For 30 Degree Bend, Deduct	-38.52	
26 05 36 00-2535	EA			9" Vertical Inside Or Outside Riser 90, Fiberglass	98.38	26.62
				For 9" Rung Spacing, Add	2.04	
				For 6" Rung Spacing, Add	8.76	
				For 4" Rung Spacing, Add	16.06	
				For 18" Rung Spacing, Deduct	-1.46	
				For Solid Bottom, Add	23.52	
				For Vented Trough Bottom, Add	28.35	
				For 60 Degree Bend, Deduct	-23.27	
				For 45 Degree Bend, Deduct	-31.69	
				For 30 Degree Bend, Deduct	-40.11	
26 05 36 00-2536	EA			12" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	109.47	33.48
				For 9" Rung Spacing, Add	2.07	
				For 6" Rung Spacing, Add	8.88	
				For 4" Rung Spacing, Add	16.28	
				For 18" Rung Spacing, Deduct	-1.48	
				For Solid Bottom, Add	25.30	
				For Vented Trough Bottom, Add	29.96	
				For 60 Degree Bend, Deduct	-24.56	
				For 45 Degree Bend, Deduct	-33.59	
				For 30 Degree Bend, Deduct	-42.61	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 36 00-2537	EA	18" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray.....	121.54	40.44
		For 9" Rung Spacing, Add	2.13	
		For 6" Rung Spacing, Add	9.15	
		For 4" Rung Spacing, Add	16.77	
		For 18" Rung Spacing, Deduct	-1.52	
		For Solid Bottom, Add	27.38	
		For Vented Trough Bottom, Add	31.96	
		For 60 Degree Bend, Deduct	-26.18	
		For 45 Degree Bend, Deduct	-35.92	
		For 30 Degree Bend, Deduct	-45.65	
26 05 36 00-2538	EA	24" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray.....	132.30	46.51
		For 9" Rung Spacing, Add	2.19	
		For 6" Rung Spacing, Add	9.39	
		For 4" Rung Spacing, Add	17.22	
		For 18" Rung Spacing, Deduct	-1.57	
		For Solid Bottom, Add	29.24	
		For Vented Trough Bottom, Add	33.75	
		For 60 Degree Bend, Deduct	-27.63	
		For 45 Degree Bend, Deduct	-38.00	
		For 30 Degree Bend, Deduct	-48.37	
26 05 36 00-2539	EA	30" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray.....	138.48	49.59
		For 9" Rung Spacing, Add	2.25	
		For 6" Rung Spacing, Add	9.63	
		For 4" Rung Spacing, Add	17.66	
		For 18" Rung Spacing, Deduct	-1.61	
		For Solid Bottom, Add	30.40	
		For Vented Trough Bottom, Add	34.97	
		For 60 Degree Bend, Deduct	-28.62	
		For 45 Degree Bend, Deduct	-39.39	
		For 30 Degree Bend, Deduct	-50.17	
26 05 36 00-2540	EA	36" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray.....	150.92	53.37
		For 9" Rung Spacing, Add	2.48	
		For 6" Rung Spacing, Add	10.64	
		For 4" Rung Spacing, Add	19.51	
		For 18" Rung Spacing, Deduct	-1.77	
		For Solid Bottom, Add	33.28	
		For Vented Trough Bottom, Add	38.37	
		For 60 Degree Bend, Deduct	-31.41	
		For 45 Degree Bend, Deduct	-43.21	
		For 30 Degree Bend, Deduct	-55.01	
26 05 36 00-2541		Horizontal Tees (26 05 36 00-2516)		
26 05 36 00-2542	EA	6" Horizontal Tee, Fiberglass Cable Tray	135.38	57.13
		For 9" Rung Spacing, Add	1.74	
		For 6" Rung Spacing, Add	7.45	
		For 4" Rung Spacing, Add	13.66	
		For 18" Rung Spacing, Deduct	-1.24	
		For Solid Bottom, Add	27.76	
		For Vented Trough Bottom, Add	30.58	
26 05 36 00-2543	EA	9" Horizontal Tee, Fiberglass Cable Tray	152.21	67.08
		For 9" Rung Spacing, Add	1.81	
		For 6" Rung Spacing, Add	7.75	
		For 4" Rung Spacing, Add	14.20	
		For 18" Rung Spacing, Deduct	-1.29	
		For Solid Bottom, Add	30.58	
		For Vented Trough Bottom, Add	33.23	
26 05 36 00-2544	EA	12" Horizontal Tee, Fiberglass Cable Tray	173.61	79.99
		For 9" Rung Spacing, Add	1.88	
		For 6" Rung Spacing, Add	8.04	
		For 4" Rung Spacing, Add	14.75	
		For 18" Rung Spacing, Deduct	-1.34	
		For Solid Bottom, Add	34.09	
		For Vented Trough Bottom, Add	36.45	
26 05 36 00-2545	EA	18" Horizontal Tee, Fiberglass Cable Tray	193.84	89.92
		For 9" Rung Spacing, Add	2.07	
		For 6" Rung Spacing, Add	8.85	
		For 4" Rung Spacing, Add	16.23	
		For 18" Rung Spacing, Deduct	-1.48	
		For Solid Bottom, Add	37.93	
		For Vented Trough Bottom, Add	40.46	
26 05 36 00-2546	EA	24" Horizontal Tee, Fiberglass Cable Tray	203.86	93.70
		For 9" Rung Spacing, Add	2.22	
		For 6" Rung Spacing, Add	9.50	
		For 4" Rung Spacing, Add	17.41	
		For 18" Rung Spacing, Deduct	-1.58	
		For Solid Bottom, Add	40.08	
		For Vented Trough Bottom, Add	42.89	
26 05 36 00-2547	EA	30" Horizontal Tee, Fiberglass Cable Tray	218.49	99.06
		For 9" Rung Spacing, Add	2.45	
		For 6" Rung Spacing, Add	10.49	
		For 4" Rung Spacing, Add	19.24	
		For 18" Rung Spacing, Deduct	-1.75	
		For Solid Bottom, Add	43.27	
		For Vented Trough Bottom, Add	46.55	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2548 EA 36" Horizontal Tee, Fiberglass Cable Tray	237.26	106.72
For 9" Rung Spacing, Add	2.70	
For 6" Rung Spacing, Add	11.59	
For 4" Rung Spacing, Add	21.25	
For 18" Rung Spacing, Deduct	-1.93	
For Solid Bottom, Add	47.18	
For Vented Trough Bottom, Add	50.91	
26 05 36 00-2549 Horizontal Crosses (26 05 36 00-2516)		
26 05 36 00-2550 EA 6" Horizontal Cross, Fiberglass Cable Tray	212.21	99.06
For 9" Rung Spacing, Add	2.23	
For 6" Rung Spacing, Add	9.55	
For 4" Rung Spacing, Add	17.51	
For 18" Rung Spacing, Deduct	-1.59	
For Solid Bottom, Add	41.38	
For Vented Trough Bottom, Add	44.04	
26 05 36 00-2551 EA 9" Horizontal Cross, Fiberglass Cable Tray	225.53	106.72
For 9" Rung Spacing, Add	2.29	
For 6" Rung Spacing, Add	9.83	
For 4" Rung Spacing, Add	18.03	
For 18" Rung Spacing, Deduct	-1.64	
For Solid Bottom, Add	43.66	
For Vented Trough Bottom, Add	46.22	
26 05 36 00-2552 EA 12" Horizontal Cross, Fiberglass Cable Tray	238.84	114.38
For 9" Rung Spacing, Add	2.36	
For 6" Rung Spacing, Add	10.12	
For 4" Rung Spacing, Add	18.55	
For 18" Rung Spacing, Deduct	-1.69	
For Solid Bottom, Add	45.94	
For Vented Trough Bottom, Add	48.40	
26 05 36 00-2553 EA 18" Horizontal Cross, Fiberglass Cable Tray	255.64	121.92
For 9" Rung Spacing, Add	2.55	
For 6" Rung Spacing, Add	10.92	
For 4" Rung Spacing, Add	20.03	
For 18" Rung Spacing, Deduct	-1.82	
For Solid Bottom, Add	49.27	
For Vented Trough Bottom, Add	51.98	
26 05 36 00-2554 EA 24" Horizontal Cross, Fiberglass Cable Tray	271.19	129.57
For 9" Rung Spacing, Add	2.69	
For 6" Rung Spacing, Add	11.54	
For 4" Rung Spacing, Add	21.16	
For 18" Rung Spacing, Deduct	-1.92	
For Solid Bottom, Add	52.22	
For Vented Trough Bottom, Add	55.06	
26 05 36 00-2555 EA 30" Horizontal Cross, Fiberglass Cable Tray	289.43	137.23
For 9" Rung Spacing, Add	2.93	
For 6" Rung Spacing, Add	12.56	
For 4" Rung Spacing, Add	23.03	
For 18" Rung Spacing, Deduct	-2.09	
For Solid Bottom, Add	55.98	
For Vented Trough Bottom, Add	59.21	
26 05 36 00-2556 EA 36" Horizontal Cross, Fiberglass Cable Tray	313.07	147.05
For 9" Rung Spacing, Add	3.24	
For 6" Rung Spacing, Add	13.88	
For 4" Rung Spacing, Add	25.45	
For 18" Rung Spacing, Deduct	-2.31	
For Solid Bottom, Add	60.84	
For Vented Trough Bottom, Add	64.58	
26 05 36 00-2557 Horizontal Wyes (26 05 36 00-2516)		
26 05 36 00-2558 EA 6" Horizontal Wye, Fiberglass Cable Tray	130.36	57.13
For 9" Rung Spacing, Add	1.56	
For 6" Rung Spacing, Add	6.70	
For 4" Rung Spacing, Add	12.28	
For 18" Rung Spacing, Deduct	-1.12	
For Solid Bottom, Add	26.25	
For Vented Trough Bottom, Add	28.58	
26 05 36 00-2559 EA 9" Horizontal Wye, Fiberglass Cable Tray	137.88	61.01
For 9" Rung Spacing, Add	1.63	
For 6" Rung Spacing, Add	6.97	
For 4" Rung Spacing, Add	12.78	
For 18" Rung Spacing, Deduct	-1.16	
For Solid Bottom, Add	27.65	
For Vented Trough Bottom, Add	30.01	
26 05 36 00-2560 EA 12" Horizontal Wye, Fiberglass Cable Tray	168.23	79.99
For 9" Rung Spacing, Add	1.69	
For 6" Rung Spacing, Add	7.24	
For 4" Rung Spacing, Add	13.27	
For 18" Rung Spacing, Deduct	-1.21	
For Solid Bottom, Add	32.47	
For Vented Trough Bottom, Add	34.30	
26 05 36 00-2561 EA 18" Horizontal Wye, Fiberglass Cable Tray	187.93	89.92
For 9" Rung Spacing, Add	1.86	
For 6" Rung Spacing, Add	7.96	
For 4" Rung Spacing, Add	14.60	
For 18" Rung Spacing, Deduct	-1.33	
For Solid Bottom, Add	36.15	
For Vented Trough Bottom, Add	38.09	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 36 00-2562	EA	24" Horizontal Wye, Fiberglass Cable Tray	197.41	93.70
		<i>For 9" Rung Spacing, Add</i>	1.99	
		<i>For 6" Rung Spacing, Add</i>	8.53	
		<i>For 4" Rung Spacing, Add</i>	15.64	
		<i>For 18" Rung Spacing, Deduct</i>	-1.42	
		<i>For Solid Bottom, Add</i>	38.14	
		<i>For Vented Trough Bottom, Add</i>	40.31	
26 05 36 00-2563	EA	30" Horizontal Wye, Fiberglass Cable Tray	211.49	99.06
		<i>For 9" Rung Spacing, Add</i>	2.20	
		<i>For 6" Rung Spacing, Add</i>	9.44	
		<i>For 4" Rung Spacing, Add</i>	17.31	
		<i>For 18" Rung Spacing, Deduct</i>	-1.57	
		<i>For Solid Bottom, Add</i>	41.17	
		<i>For Vented Trough Bottom, Add</i>	43.75	
26 05 36 00-2564	EA	36" Horizontal Wye, Fiberglass Cable Tray	229.53	106.72
		<i>For 9" Rung Spacing, Add</i>	2.43	
		<i>For 6" Rung Spacing, Add</i>	10.43	
		<i>For 4" Rung Spacing, Add</i>	19.13	
		<i>For 18" Rung Spacing, Deduct</i>	-1.74	
		<i>For Solid Bottom, Add</i>	44.86	
		<i>For Vented Trough Bottom, Add</i>	47.82	

26 05 36 00-2565 Straight Reducers (26 05 36 00-2516)

26 05 36 00-2566	EA	9"-6" Reducer, Fiberglass Cable Tray	59.57	22.85
		<i>For 9" Rung Spacing, Add</i>	0.89	
		<i>For 6" Rung Spacing, Add</i>	3.79	
		<i>For 4" Rung Spacing, Add</i>	6.95	
		<i>For 18" Rung Spacing, Deduct</i>	-0.63	
		<i>For Solid Bottom, Add</i>	12.73	
		<i>For Vented Trough Bottom, Add</i>	14.40	
26 05 36 00-2567	EA	12"-9" Reducer, Fiberglass Cable Tray	65.65	26.62
		<i>For 9" Rung Spacing, Add</i>	0.90	
		<i>For 6" Rung Spacing, Add</i>	3.85	
		<i>For 4" Rung Spacing, Add</i>	7.06	
		<i>For 18" Rung Spacing, Deduct</i>	-0.64	
		<i>For Solid Bottom, Add</i>	13.70	
		<i>For Vented Trough Bottom, Add</i>	15.26	
26 05 36 00-2568	EA	18"-12" Reducer, Fiberglass Cable Tray	71.72	30.51
		<i>For 9" Rung Spacing, Add</i>	0.91	
		<i>For 6" Rung Spacing, Add</i>	3.90	
		<i>For 4" Rung Spacing, Add</i>	7.15	
		<i>For 18" Rung Spacing, Deduct</i>	-0.65	
		<i>For Solid Bottom, Add</i>	14.66	
		<i>For Vented Trough Bottom, Add</i>	16.12	
26 05 36 00-2569	EA	24"-18" Reducer, Fiberglass Cable Tray	77.18	33.48
		<i>For 9" Rung Spacing, Add</i>	0.94	
		<i>For 6" Rung Spacing, Add</i>	4.04	
		<i>For 4" Rung Spacing, Add</i>	7.40	
		<i>For 18" Rung Spacing, Deduct</i>	-0.67	
		<i>For Solid Bottom, Add</i>	15.61	
		<i>For Vented Trough Bottom, Add</i>	17.05	
26 05 36 00-2570	EA	30"-24" Reducer, Fiberglass Cable Tray	86.24	36.57
		<i>For 9" Rung Spacing, Add</i>	1.10	
		<i>For 6" Rung Spacing, Add</i>	4.71	
		<i>For 4" Rung Spacing, Add</i>	8.63	
		<i>For 18" Rung Spacing, Deduct</i>	-0.78	
		<i>For Solid Bottom, Add</i>	17.64	
		<i>For Vented Trough Bottom, Add</i>	19.41	
26 05 36 00-2571	EA	36"-30" Reducer, Fiberglass Cable Tray	97.02	40.44
		<i>For 9" Rung Spacing, Add</i>	1.28	
		<i>For 6" Rung Spacing, Add</i>	5.47	
		<i>For 4" Rung Spacing, Add</i>	10.03	
		<i>For 18" Rung Spacing, Deduct</i>	-0.91	
		<i>For Solid Bottom, Add</i>	20.02	
		<i>For Vented Trough Bottom, Add</i>	22.15	

26 05 36 00-2572 Vertical Tees (26 05 36 00-2516)

26 05 36 00-2573	EA	6" Vertical Tee, Fiberglass Cable Tray	180.58	57.13
		<i>For 9" Rung Spacing, Add</i>	3.32	
		<i>For 6" Rung Spacing, Add</i>	14.23	
		<i>For 4" Rung Spacing, Add</i>	26.09	
		<i>For 18" Rung Spacing, Deduct</i>	-2.37	
		<i>For Solid Bottom, Add</i>	41.32	
		<i>For Vented Trough Bottom, Add</i>	48.66	
26 05 36 00-2574	EA	9" Vertical Tee, Fiberglass Cable Tray	187.46	61.01
		<i>For 9" Rung Spacing, Add</i>	3.36	
		<i>For 6" Rung Spacing, Add</i>	14.41	
		<i>For 4" Rung Spacing, Add</i>	26.42	
		<i>For 18" Rung Spacing, Deduct</i>	-2.40	
		<i>For Solid Bottom, Add</i>	42.53	
		<i>For Vented Trough Bottom, Add</i>	49.85	
26 05 36 00-2575	EA	12" Vertical Tee, Fiberglass Cable Tray	217.18	79.99
		<i>For 9" Rung Spacing, Add</i>	3.40	
		<i>For 6" Rung Spacing, Add</i>	14.58	
		<i>For 4" Rung Spacing, Add</i>	26.73	
		<i>For 18" Rung Spacing, Deduct</i>	-2.43	
		<i>For Solid Bottom, Add</i>	47.16	
		<i>For Vented Trough Bottom, Add</i>	53.88	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2576	EA		18" Vertical Tee, Fiberglass Cable Tray <i>For 9" Rung Spacing, Add</i> <i>For 6" Rung Spacing, Add</i> <i>For 4" Rung Spacing, Add</i> <i>For 18" Rung Spacing, Deduct</i> <i>For Solid Bottom, Add</i> <i>For Vented Trough Bottom, Add</i>	234.74 3.50 14.99 27.47 -2.50 50.20 56.82	89.92
26 05 36 00-2577	EA		24" Vertical Tee, Fiberglass Cable Tray <i>For 9" Rung Spacing, Add</i> <i>For 6" Rung Spacing, Add</i> <i>For 4" Rung Spacing, Add</i> <i>For 18" Rung Spacing, Deduct</i> <i>For Solid Bottom, Add</i> <i>For Vented Trough Bottom, Add</i>	242.96 3.58 15.36 28.16 -2.56 51.81 58.53	93.70
26 05 36 00-2578	EA		30" Vertical Tee, Fiberglass Cable Tray <i>For 9" Rung Spacing, Add</i> <i>For 6" Rung Spacing, Add</i> <i>For 4" Rung Spacing, Add</i> <i>For 18" Rung Spacing, Deduct</i> <i>For Solid Bottom, Add</i> <i>For Vented Trough Bottom, Add</i>	253.29 3.67 15.71 28.81 -2.62 53.71 60.47	99.06
26 05 36 00-2579	EA		36" Vertical Tee, Fiberglass Cable Tray <i>For 9" Rung Spacing, Add</i> <i>For 6" Rung Spacing, Add</i> <i>For 4" Rung Spacing, Add</i> <i>For 18" Rung Spacing, Deduct</i> <i>For Solid Bottom, Add</i> <i>For Vented Trough Bottom, Add</i>	275.70 4.05 17.36 31.82 -2.89 58.71 66.29	106.72

26 05 39 Underfloor Raceways for Electrical Systems (26 05)

26 05 39 00-0001			Underfloor Ducts (26 05 39)		
26 05 39 00-0002			Straight Duct Sections 10' Long, 14 Gauge Steel (26 05 39 00-0001)		
26 05 39 00-0003			Standard Ducts, 3.8 Square Inches (26 05 39 00-0002)		
26 05 39 00-0004	EA		Standard Underfloor Straight Duct Blank Without Inserts, 10' Long, 14 Gauge, 3.8 Square Inches.....	105.08	20.11
26 05 39 00-0005	EA		Standard Underfloor Straight Duct With 7/8" Inserts On 24" Centers, 10' Long, 14 Gauge, 3.8 Square Inches.....	132.83	23.54
26 05 39 00-0006			Large Capacity Ducts, 8.9 Square Inches (26 05 39 00-0002)		
26 05 39 00-0007	EA		Large Capacity Underfloor Straight Duct Blank Without Inserts, 10' Long, 14 Gauge, 8.9 Square Inches.....	177.45	25.48
26 05 39 00-0008	EA		Large Capacity Underfloor Straight Duct With 7/8" Inserts On 24" Centers, 10' Long, 14 Gauge, 8.9 Square Inches.....	203.55	28.23
26 05 39 00-0009			Junction Boxes (26 05 39 00-0001)		
26 05 39 00-0010			One Level Junction Boxes (26 05 39 00-0009)		
26 05 39 00-0011	EA		1 Level UF Duct Junction Box, 1 Standard Duct Without Partitions In Box.....	270.14	39.99
26 05 39 00-0012	EA		1 Level UF Duct Junction Box, 1 Large Duct Without Partitions In Box.....	306.57	42.85
26 05 39 00-0013	EA		1 Level UF Duct Junction Box, 1 Standard And Large Duct Per Side With Partitions In Box..... <i>Note: Isolate each duct and form a continuous raceway through the box in both directions.</i>	501.62	39.99
26 05 39 00-0014	EA		1 Level UF Duct Junction Box, 2 Standard Ducts Per Side With Partitions In Box.....	336.76	42.85
26 05 39 00-0015	EA		1 Level UF Duct Junction Box, 3 Standard Ducts Per Side With Partitions In Box.....	537.92	56.33
26 05 39 00-0016	EA		1 Level UF Duct Junction Box, 2 Large Ducts Per Side With Partitions In Box Duct.....	760.00	61.24
26 05 39 00-0017			Two Level Junction Boxes (26 05 39 00-0009)		
26 05 39 00-0018	EA		2 Level UF Duct Junction Box, 2 Standard Duct Cross, Intersects At Right Angles, Raceway Bottom Level..... <i>Note: Accepts two standard ducts to form a continuous raceway at right angles to the top level raceway.</i>	1,173.44	40.44
26 05 39 00-0019	EA		2 Level UF Duct Junction Box, 2 Large Duct Bottom Level: Accepts Two Large Capacity Ducts.....	1,351.22	42.85
26 05 39 00-0020			Elbow Fittings (26 05 39 00-0001)		
26 05 39 00-0021			90 Degree Horizontal Elbow (26 05 39 00-0020)		
26 05 39 00-0022	EA		Underfloor Standard Duct Horizontal Elbow Fitting, 90 Degree.....	133.36	14.74
26 05 39 00-0023	EA		Underfloor Large Duct Horizontal Elbow Fitting, 90 Degree.....	137.51	14.74
26 05 39 00-0024			90 Degree Vertical Elbow (26 05 39 00-0020)		
26 05 39 00-0025	EA		Underfloor Standard Duct Vertical Elbow Fitting, 90 Degree.....	72.98	14.74
26 05 39 00-0026	EA		Underfloor Large Duct Vertical Elbow Fitting, 90 Degree.....	74.63	14.74
26 05 39 00-0027			Offset Elbow (26 05 39 00-0020) <i>Note: Two elbows required for crossover or crossunder.</i>		
26 05 39 00-0028	EA		Underfloor Standard Duct Offset Elbow 45 Degree, 2 Required For Over-Under.....	72.98	17.14
26 05 39 00-0029	EA		Underfloor Large Duct Offset Elbow 45 Degree, 2 Required For Over-Under.....	74.63	17.14
26 05 39 00-0030			Couplings (26 05 39 00-0001)		
26 05 39 00-0031			Sleeve Couplings (26 05 39 00-0030)		
26 05 39 00-0032	EA		Underfloor Standard Duct Sleeve Coupling.....	45.32	22.85

26 Electrical**26 05 Common Work Results for Electrical****26 05 39 Underfloor Raceways for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 39 00-0033	EA	Underfloor Large Duct Sleeve Coupling.....	69.99	22.85
26 05 39 00-0034		Expansion Couplings (26 05 39 00-0030)		
26 05 39 00-0035	EA	Underfloor Standard Duct Expansion Coupling	103.82	22.85
26 05 39 00-0036	EA	Underfloor Large Duct Expansion Coupling.....	105.89	24.11
26 05 39 00-0037		Reducing Couplings (26 05 39 00-0030)		
26 05 39 00-0038	EA	Reducing Coupling, Large To Standard Duct Underfloor Duct Coupling	105.99	3.43
26 05 39 00-0039		Duct Supports (26 05 39 00-0001)		
26 05 39 00-0040		Combination Support And Coupling (26 05 39 00-0039)		
		Note: Includes leveling legs and anchoring feet.		
26 05 39 00-0041	EA	1 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	103.66	47.99
26 05 39 00-0042	EA	2 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	115.35	47.99
26 05 39 00-0043	EA	3 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	127.12	47.99
26 05 39 00-0044	EA	1 Large Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	115.35	53.71
26 05 39 00-0045	EA	2 Large Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	139.16	53.71
26 05 39 00-0046	EA	1 Standard And 1 Large Duct Support And Coupling With Leveling Legs And Anchor Feet.....	127.12	57.13
26 05 39 00-0047	EA	2 Standard And 1 Large Duct Support And Coupling With Leveling Legs And Anchor Feet.....	127.12	57.13
26 05 39 00-0048	EA	1 Standard And 2 Large Duct Support And Coupling With Leveling Legs And Anchor Feet.....	139.16	57.13
26 05 39 00-0049		Duct Support Only (26 05 39 00-0039)		
		Note: Includes leveling legs and anchoring feet.		
26 05 39 00-0050	EA	1 Underfloor Duct Support Only With Leveling Legs And Anchor Feet.....	93.84	42.28
26 05 39 00-0051	EA	2 Underfloor Duct Support Only With Leveling Legs And Anchor Feet.....	110.47	42.28
26 05 39 00-0052	EA	3 Underfloor Duct Support Only With Leveling Legs And Anchor Feet.....	128.49	42.28
26 05 39 00-0053		Underfloor Duct Accessories (26 05 39 00-0001)		
26 05 39 00-0054		Plugs For Unused Junction Box Openings And Duct Ends (26 05 39 00-0053)		
26 05 39 00-0055	EA	Standard Plugs For Unused Junction Box Opening And Underfloor Duct Ends	27.43	3.43
26 05 39 00-0056	EA	Large Plugs For Unused Junction Box Opening And Underfloor Duct Ends.....	28.03	3.43
26 05 39 00-0057		Conduit Adapters (26 05 39 00-0053)		
26 05 39 00-0058	EA	One 1-1/4" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	39.71	5.71
26 05 39 00-0059	EA	Two 1-1/4" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	42.14	5.71
26 05 39 00-0060	EA	One 2" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	40.89	5.71
26 05 39 00-0061	EA	Three 1-1/4" Conduit To Large Duct Underfloor Conduit To Duct, Adapter	42.09	5.71
26 05 39 00-0062		Holdings And Caps (26 05 39 00-0053)		
26 05 39 00-0063	EA	Tile Holder, Underfloor Duct Accessories	253.07	47.99
26 05 39 00-0064	EA	Terrazzo Holder, Underfloor Duct Accessories	492.28	47.99
26 05 39 00-0065	EA	Closing Caps For Inserts, Underfloor Duct Accessories	3.24	1.14
26 05 39 00-0066		Underfloor Dust Pans (26 05 39 00-0001)		
26 05 39 00-0067	EA	Underfloor Dust Carpet Pan.....	113.11	6.27

26 05 43 Underground Ducts and Raceways for Electrical Systems (26 05)

Note: Includes warning tape. See CSI section 33 71 19 23-0000 for underground trenched ductbank.

26 05 43 00-0001		Precast Concrete Trenches, One Piece Pedestrian Trench (26 05 43)		
		Note: Rated for 200 PSF Pedestrian Weight. Excludes excavation, removal of dirt and sand bedding.		
26 05 43 00-0002		10" Wide Pedestrian Trench (26 05 43 00-0001)		
26 05 43 00-0003	LF	Base, Solid Bottom 10" Wide x 15" Deep Pedestrian Trench	85.16	
26 05 43 00-0004	LF	Base, Open Bottom 10" Wide x 15" Deep Pedestrian Trench	81.39	
26 05 43 00-0005	LF	Base, Solid Bottom 10" Wide x 24" Deep Pedestrian Trench	118.27	
26 05 43 00-0006	LF	Base, Open Bottom 10" Wide x 24" Deep Pedestrian Trench	113.04	
26 05 43 00-0007	EA	End Wall, 10" Wide x 15" Deep Pedestrian Trench	57.26	
26 05 43 00-0008	EA	End Wall, 10" Wide x 24" Deep Pedestrian Trench	67.63	
26 05 43 00-0009	LF	Lid, Concrete, 10" Wide Pedestrian Trench.....	56.77	
26 05 43 00-0010		20" Wide Pedestrian Trench (26 05 43 00-0001)		
26 05 43 00-0011	LF	Base, Solid Bottom 20" Wide x 15" Deep Pedestrian Trench	107.81	
26 05 43 00-0012	LF	Base, Open Bottom 20" Wide x 15" Deep Pedestrian Trench	101.15	
26 05 43 00-0013	LF	Base, Solid Bottom 20" Wide x 24" Deep Pedestrian Trench	145.94	
26 05 43 00-0014	LF	Base, Open Bottom 20" Wide x 24" Deep Pedestrian Trench	139.87	
26 05 43 00-0015	EA	End Wall, 20" Wide x 15" Deep Pedestrian Trench	71.49	
26 05 43 00-0016	EA	End Wall, 20" Wide x 24" Deep Pedestrian Trench	104.19	
26 05 43 00-0017	LF	Lid, Concrete, 20" Wide Pedestrian Trench.....	71.00	
26 05 43 00-0018		30" Wide Pedestrian Trench (26 05 43 00-0001)		
26 05 43 00-0019	LF	Base, Solid Bottom 30" Wide x 15" Deep Pedestrian Trench	137.35	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 43 00-0020	LF			Base, Open Bottom 30" Wide x 15" Deep Pedestrian Trench	161.75	
26 05 43 00-0021	LF			Base, Solid Bottom 30" Wide x 24" Deep Pedestrian Trench	171.92	
26 05 43 00-0022	LF			Base, Open Bottom 30" Wide x 24" Deep Pedestrian Trench	165.01	
26 05 43 00-0023	EA			End Wall, 30" Wide x 15" Deep Pedestrian Trench	102.48	
26 05 43 00-0024	EA			End Wall, 30" Wide x 24" Deep Pedestrian Trench	139.33	
26 05 43 00-0025	LF			Lid, Concrete, 30" Wide Pedestrian Trench	88.67	
26 05 43 00-0026				40" Wide Pedestrian Trench <small>(26 05 43 00-0001)</small>		
26 05 43 00-0027	LF			Base, Solid Bottom 40" Wide x 15" Deep Pedestrian Trench	164.35	
26 05 43 00-0028	LF			Base, Open Bottom 40" Wide x 15" Deep Pedestrian Trench	158.07	
26 05 43 00-0029	LF			Base, Solid Bottom 40" Wide x 24" Deep Pedestrian Trench	201.14	
26 05 43 00-0030	LF			Base, Open Bottom 40" Wide x 24" Deep Pedestrian Trench	193.46	
26 05 43 00-0031	EA			End Wall, 40" Wide x 15" Deep Pedestrian Trench	131.17	
26 05 43 00-0032	EA			End Wall, 40" Wide x 24" Deep Pedestrian Trench	178.14	
26 05 43 00-0033	LF			Lid, Concrete, 40" Wide Pedestrian Trench	104.73	
26 05 43 00-0034				Precast Concrete Trenches, One Piece Medium Vehicle Trench <small>(26 05 43)</small>		
<i>Note: Rated for 7000 lbs Gross Vehicle Weight. Excludes excavation, removal of dirt and sand bedding.</i>						
26 05 43 00-0035				10" Wide Medium Vehicle Trench <small>(26 05 43 00-0034)</small>		
26 05 43 00-0036	LF			Base, Solid Bottom 10" Wide x 15" Deep Medium Vehicle Trench	103.65	
26 05 43 00-0037	LF			Base, Open Bottom 10" Wide x 15" Deep Medium Vehicle Trench	98.76	
26 05 43 00-0038	LF			Base, Solid Bottom 10" Wide x 24" Deep Medium Vehicle Trench	143.92	
26 05 43 00-0039	LF			Base Open Bottom 10" Wide x 24" Deep Medium Vehicle Trench	137.17	
26 05 43 00-0040	EA			End Wall, 10" Wide x 15" Deep Medium Vehicle Trench	67.54	
26 05 43 00-0041	EA			End Wall, 10" Wide x 24" Deep Medium Vehicle Trench	78.40	
26 05 43 00-0042	LF			Lid, Concrete 10" Wide Medium Vehicle Trench	69.09	
26 05 43 00-0043	LF			Lid, Galvanized Steel 10" Wide Medium Vehicle Trench	310.04	
26 05 43 00-0044				20" Wide Medium Vehicle Trench <small>(26 05 43 00-0034)</small>		
26 05 43 00-0045	LF			Base, Solid Bottom 20" Wide x 15" Deep Medium Vehicle Trench	130.38	
26 05 43 00-0046	LF			Base, Open Bottom 20" Wide x 15" Deep Medium Vehicle Trench	121.79	
26 05 43 00-0047	LF			Base, Solid Bottom 20" Wide x 24" Deep Medium Vehicle Trench	175.70	
26 05 43 00-0048	LF			Base Open Bottom 20" Wide x 24" Deep Medium Vehicle Trench	167.85	
26 05 43 00-0049	EA			End Wall, 20" Wide x 15" Deep Medium Vehicle Trench	83.38	
26 05 43 00-0050	EA			End Wall, 20" Wide x 24" Deep Medium Vehicle Trench	121.69	
26 05 43 00-0051	LF			Lid, Concrete 20" Wide Medium Vehicle Trench	86.41	
26 05 43 00-0052	LF			Lid, Galvanized Steel 20" Wide Medium Vehicle Trench	411.21	
26 05 43 00-0053				30" Wide Medium Vehicle Trench <small>(26 05 43 00-0034)</small>		
26 05 43 00-0054	LF			Base, Solid Bottom 30" Wide x 15" Deep Medium Vehicle Trench	130.50	
26 05 43 00-0055	LF			Base, Open Bottom 30" Wide x 15" Deep Medium Vehicle Trench	156.99	
26 05 43 00-0056	LF			Base, Solid Bottom 30" Wide x 24" Deep Medium Vehicle Trench	205.79	
26 05 43 00-0057	LF			Base Open Bottom 30" Wide x 24" Deep Medium Vehicle Trench	196.86	
26 05 43 00-0058	EA			End Wall, 30" Wide x 15" Deep Medium Vehicle Trench	118.89	
26 05 43 00-0059	EA			End Wall, 30" Wide x 24" Deep Medium Vehicle Trench	163.61	
26 05 43 00-0060	LF			Lid, Concrete 30" Wide Medium Vehicle Trench	108.19	
26 05 43 00-0061	LF			Lid, Galvanized Steel 30" Wide Medium Vehicle Trench	513.37	
26 05 43 00-0062				40" Wide Medium Vehicle Trench <small>(26 05 43 00-0034)</small>		
26 05 43 00-0063	LF			Base, Solid Bottom 40" Wide x 15" Deep Medium Vehicle Trench	195.14	
26 05 43 00-0064	LF			Base, Open Bottom 40" Wide x 15" Deep Medium Vehicle Trench	187.02	
26 05 43 00-0065	LF			Base, Solid Bottom 40" Wide x 24" Deep Medium Vehicle Trench	238.90	
26 05 43 00-0066	LF			Base Open Bottom 40" Wide x 24" Deep Medium Vehicle Trench	228.94	
26 05 43 00-0067	EA			End Wall, 40" Wide x 15" Deep Medium Vehicle Trench	152.18	
26 05 43 00-0068	EA			End Wall, 40" Wide x 24" Deep Medium Vehicle Trench	209.14	
26 05 43 00-0069	LF			Lid, Concrete 40" Wide Medium Vehicle Trench	127.30	
26 05 43 00-0070	LF			Lid, Galvanized Steel 40" Wide Medium Vehicle Trench	698.06	
26 05 43 00-0071				Precast Concrete Trenches, One Piece H20 Road Crossing Trench <small>(26 05 43)</small>		
<i>Note: H20 Rated for 32000 lbs Gross Vehicle Weight. Excludes excavation, removal of dirt and sand bedding.</i>						
26 05 43 00-0072				10" Wide H20 Road Crossing Trench <small>(26 05 43 00-0071)</small>		
26 05 43 00-0073	LF			Base, Solid Bottom for Concrete Lid, 10" Wide x 16" Deep Road Crossing Trench	225.55	
26 05 43 00-0074	LF			Base, Open Bottom for Concrete Lid, 10" Wide x 16" Deep Road Crossing Trench	214.59	
26 05 43 00-0075	LF			Base, Solid Bottom for Concrete Lid, 10" Wide x 24" Deep Road Crossing Trench	281.61	
26 05 43 00-0076	LF			Base, Open Bottom for Concrete Lid, 10" Wide x 24" Deep Road Crossing Trench	267.78	
26 05 43 00-0077	LF			Base, Solid Bottom for Galvanized Steel Lid, 10" Wide x 16" Deep Road Crossing Trench	216.52	
26 05 43 00-0078	LF			Base, Open Bottom for Galvanized Steel Lid, 10" Wide x 16" Deep Road Crossing Trench	206.09	
26 05 43 00-0079	LF			Base, Solid Bottom for Galvanized Steel Lid, 10" Wide x 24" Deep Road Crossing Trench	272.58	
26 05 43 00-0080	LF			Base, Open Bottom for Galvanized Steel Lid, 10" Wide x 24" Deep Road Crossing Trench	259.32	
26 05 43 00-0081	EA			End Wall for Concrete Lid, 10" Wide x 16" Deep Road Crossing Trench	148.78	
26 05 43 00-0082	EA			End Wall for Concrete Lid, 10" Wide x 24" Deep Road Crossing Trench	201.36	
26 05 43 00-0083	EA			End Wall for Galvanized Steel Lid, 10" Wide x 16" Deep Road Crossing Trench	134.46	
26 05 43 00-0084	EA			End Wall for Galvanized Steel Lid, 10" Wide x 24" Deep Road Crossing Trench	186.72	
26 05 43 00-0085	LF			Lid, Concrete 10" Wide Road Crossing Trench	103.87	
26 05 43 00-0086	LF			Lid, Galvanized Steel 10" Wide Road Crossing Trench	336.50	

26 Electrical**26 05 Common Work Results for Electrical****26 05 43 Underground Ducts and Raceways for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 43 00-0087		20" Wide H20 Road Crossing Trench <small>(26 05 43 00-0071)</small>	
26 05 43 00-0088	LF	Base, Solid Bottom for Concrete Lid, 20" Wide x 16" Deep Road Crossing Trench	238.74
26 05 43 00-0089	LF	Base, Open Bottom for Concrete Lid, 20" Wide x 16" Deep Road Crossing Trench	227.50
26 05 43 00-0090	LF	Base, Solid Bottom for Concrete Lid, 20" Wide x 24" Deep Road Crossing Trench	315.65
26 05 43 00-0091	LF	Base, Open Bottom for Concrete Lid, 20" Wide x 24" Deep Road Crossing Trench	300.62
26 05 43 00-0092	LF	Base, Solid Bottom for Galvanized Steel Lid, 20" Wide x 16" Deep Road Crossing Trench.....	238.74
26 05 43 00-0093	LF	Base, Open Bottom for Galvanized Steel Lid, 20" Wide x 16" Deep Road Crossing Trench.....	227.50
26 05 43 00-0094	LF	Base, Solid Bottom for Galvanized Steel Lid, 20" Wide x 24" Deep Road Crossing Trench.....	306.63
26 05 43 00-0095	LF	Base, Open Bottom for Galvanized Steel Lid, 20" Wide x 24" Deep Road Crossing Trench.....	292.15
26 05 43 00-0096	EA	End Wall for Concrete Lid, 20" Wide x 16" Deep Road Crossing Trench	212.56
26 05 43 00-0097	EA	End Wall for Concrete Lid, 20" Wide x 24" Deep Road Crossing Trench	289.16
26 05 43 00-0098	EA	End Wall for Galvanized Steel Lid, 20" Wide x 16" Deep Road Crossing Trench.....	191.71
26 05 43 00-0099	EA	End Wall for Galvanized Steel Lid, 20" Wide x 24" Deep Road Crossing Trench.....	268.31
26 05 43 00-0100	LF	Lid, Concrete 20" Wide Road Crossing Trench	115.73
26 05 43 00-0101	LF	Lid, Galvanized Steel 20" Wide Road Crossing Trench.....	499.30

26 05 43 00-0102		30" Wide H20 Road Crossing Trench <small>(26 05 43 00-0071)</small>	
26 05 43 00-0103	LF	Base, Solid Bottom for Concrete Lid, 30" Wide x 16" Deep Road Crossing Trench	281.41
26 05 43 00-0104	LF	Base, Open Bottom for Concrete Lid, 30" Wide x 16" Deep Road Crossing Trench	268.56
26 05 43 00-0105	LF	Base, Solid Bottom for Concrete Lid, 30" Wide x 24" Deep Road Crossing Trench	347.99
26 05 43 00-0106	LF	Base, Open Bottom for Concrete Lid, 30" Wide x 24" Deep Road Crossing Trench	332.02
26 05 43 00-0107	LF	Base, Solid Bottom for Galvanized Steel Lid, 30" Wide x 16" Deep Road Crossing Trench.....	272.39
26 05 43 00-0108	LF	Base, Open Bottom for Galvanized Steel Lid, 30" Wide x 16" Deep Road Crossing Trench.....	260.06
26 05 43 00-0109	LF	Base, Solid Bottom for Galvanized Steel Lid, 30" Wide x 24" Deep Road Crossing Trench.....	338.96
26 05 43 00-0110	LF	Base, Open Bottom for Galvanized Steel Lid, 30" Wide x 24" Deep Road Crossing Trench.....	323.24
26 05 43 00-0111	EA	End Wall for Concrete Lid, 30" Wide x 16" Deep Road Crossing Trench	283.25
26 05 43 00-0112	EA	End Wall for Concrete Lid, 30" Wide x 24" Deep Road Crossing Trench	375.29
26 05 43 00-0113	EA	End Wall for Galvanized Steel Lid, 30" Wide x 16" Deep Road Crossing Trench.....	255.86
26 05 43 00-0114	EA	End Wall for Galvanized Steel Lid, 30" Wide x 24" Deep Road Crossing Trench.....	347.90
26 05 43 00-0115	LF	Lid, Concrete 30" Wide Road Crossing Trench	146.54
26 05 43 00-0116	LF	Lid, Galvanized Steel 30" Wide Road Crossing Trench.....	626.15

26 05 43 00-0117		40" Wide H20 Road Crossing Trench <small>(26 05 43 00-0071)</small>	
26 05 43 00-0118	LF	Base, Solid Bottom for Concrete Lid, 40" Wide x 16" Deep Road Crossing Trench	310.26
26 05 43 00-0119	LF	Base, Open Bottom for Concrete Lid, 40" Wide x 16" Deep Road Crossing Trench	296.43
26 05 43 00-0120	LF	Base, Solid Bottom for Concrete Lid, 40" Wide x 24" Deep Road Crossing Trench	382.00
26 05 43 00-0121	LF	Base, Open Bottom for Concrete Lid, 40" Wide x 24" Deep Road Crossing Trench	364.67
26 05 43 00-0122	LF	Base, Solid Bottom for Galvanized Steel Lid, 40" Wide x 16" Deep Road Crossing Trench.....	301.23
26 05 43 00-0123	LF	Base, Open Bottom for Galvanized Steel Lid, 40" Wide x 16" Deep Road Crossing Trench.....	287.97
26 05 43 00-0124	LF	Base, Solid Bottom for Galvanized Steel Lid, 40" Wide x 24" Deep Road Crossing Trench.....	372.98
26 05 43 00-0125	LF	Base, Open Bottom for Galvanized Steel Lid, 40" Wide x 24" Deep Road Crossing Trench.....	356.17
26 05 43 00-0126	EA	End Wall for Concrete Lid, 40" Wide x 16" Deep Road Crossing Trench	351.41
26 05 43 00-0127	EA	End Wall for Concrete Lid, 40" Wide x 24" Deep Road Crossing Trench	465.34
26 05 43 00-0128	EA	End Wall for Galvanized Steel Lid, 40" Wide x 16" Deep Road Crossing Trench.....	317.79
26 05 43 00-0129	EA	End Wall for Galvanized Steel Lid, 40" Wide x 24" Deep Road Crossing Trench.....	431.72
26 05 43 00-0130	LF	Lid, Concrete 40" Wide Road Crossing Trench	176.95
26 05 43 00-0131	LF	Lid, Galvanized Steel 40" Wide Road Crossing Trench.....	851.52

26 05 46 Utility Poles for Electrical Systems (26 05)**26 05 46 00-0001** **Wood Poles** (26 05 46)**26 05 46 00-0002** **Wood Pole, Class 3, Penta-Treated To 8 LB Retention** (26 05 46 00-0001)

Note: Machine dig and set.

26 05 46 00-0003	EA	25' Treated Wood Pole, Class 3, Machine Dig And Set.....	932.66	303.75
		<i>For Class 1 Pole, Add</i>	113.77	
		<i>For Class 2 Pole, Add</i>	65.01	
		<i>For Class 4 Pole, Deduct</i>	-32.51	
		<i>For Class 5 Pole, Deduct</i>	-97.52	
		<i>For Class 6 Pole, Deduct</i>	-130.02	
26 05 46 00-0004	EA	30' Treated Wood Pole, Class 3, Machine Dig And Set.....	1,115.40	337.01
		<i>For Class 1 Pole, Add</i>	154.47	
		<i>For Class 2 Pole, Add</i>	88.27	
		<i>For Class 4 Pole, Deduct</i>	-44.13	
		<i>For Class 5 Pole, Deduct</i>	-132.40	
		<i>For Class 6 Pole, Deduct</i>	-176.54	
26 05 46 00-0005	EA	35' Treated Wood Pole, Class 3, Machine Dig And Set.....	1,446.30	445.72
		<i>For Class 1 Pole, Add</i>	194.24	
		<i>For Class 2 Pole, Add</i>	111.00	
		<i>For Class 4 Pole, Deduct</i>	-55.50	
		<i>For Class 5 Pole, Deduct</i>	-166.49	
		<i>For Class 6 Pole, Deduct</i>	-221.99	
26 05 46 00-0006	EA	40' Treated Wood Pole, Class 3, Machine Dig And Set.....	1,654.35	490.24
		<i>For Class 1 Pole, Add</i>	235.87	
		<i>For Class 2 Pole, Add</i>	134.78	
		<i>For Class 4 Pole, Deduct</i>	-67.39	
		<i>For Class 5 Pole, Deduct</i>	-202.17	
		<i>For Class 6 Pole, Deduct</i>	-269.56	
26 05 46 00-0007	EA	45' Treated Wood Pole, Class 3, Machine Dig And Set.....	1,890.26	546.02
		<i>For Class 1 Pole, Add</i>	279.34	
		<i>For Class 2 Pole, Add</i>	159.62	
		<i>For Class 4 Pole, Deduct</i>	-79.81	
		<i>For Class 5 Pole, Deduct</i>	-239.43	
		<i>For Class 6 Pole, Deduct</i>	-319.24	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0008 EA 50' Treated Wood Pole, Class 3, Machine Dig And Set.....	2,150.52	612.81
For Class 1 Pole, Add	323.74	
For Class 2 Pole, Add	184.99	
For Class 4 Pole, Deduct	-92.50	
For Class 5 Pole, Deduct	-277.49	
For Class 6 Pole, Deduct	-369.98	
26 05 46 00-0009 EA 55' Treated Wood Pole, Class 3, Machine Dig And Set.....	2,405.22	674.02
For Class 1 Pole, Add	369.99	
For Class 2 Pole, Add	211.42	
For Class 4 Pole, Deduct	-105.71	
For Class 5 Pole, Deduct	-317.13	
For Class 6 Pole, Deduct	-422.84	
26 05 46 00-0010 EA 60' Treated Wood Pole, Class 3, Machine Dig And Set.....	2,687.56	741.18
For Class 1 Pole, Add	421.78	
For Class 2 Pole, Add	241.02	
For Class 4 Pole, Deduct	-120.51	
For Class 5 Pole, Deduct	-361.53	
For Class 6 Pole, Deduct	-482.04	
26 05 46 00-0011 EA 65' Treated Wood Pole, Class 3, Machine Dig And Set.....	4,392.47	807.84
For Class 1 Pole, Add	971.86	
For Class 2 Pole, Add	555.35	
For Class 4 Pole, Deduct	-277.67	
For Class 5 Pole, Deduct	-833.02	
For Class 6 Pole, Deduct	-1,110.70	
26 05 46 00-0012 EA 70' Treated Wood Pole, Class 3, Machine Dig And Set.....	4,823.02	859.35
For Class 1 Pole, Add	1,086.50	
For Class 2 Pole, Add	620.86	
For Class 4 Pole, Deduct	-310.43	
For Class 5 Pole, Deduct	-931.29	
For Class 6 Pole, Deduct	-1,241.72	
26 05 46 00-0013 EA 75' Treated Wood Pole, Class 3, Machine Dig And Set.....	5,301.08	917.84
For Class 1 Pole, Add	1,212.87	
For Class 2 Pole, Add	693.07	
For Class 4 Pole, Deduct	-346.53	
For Class 5 Pole, Deduct	-1,039.60	
For Class 6 Pole, Deduct	-1,386.14	
26 05 46 00-0014 Removal And Relocation Of Wood Poles With Cross Arm (26 05 46 00-0001)		
26 05 46 00-0015 LF Removal And Relocation Of Up To 75' Wood Pole With Cross Arms.....	25.88	
26 05 46 00-0016 Crossarms (26 05 46)		
Note: Includes hardware and braces.		
26 05 46 00-0017 Wood Single Arm Crossarms (26 05 46 00-0016)		
26 05 46 00-0018 EA 3-1/2" x 4-1/2" x 5'-7", Single Arm Wood Crossarm, With Hardware And Braces.....	221.97	90.59
26 05 46 00-0019 EA 3-1/2" x 4-1/2" x 8'-0", Single Arm Wood Crossarm, With Hardware And Braces.....	268.30	90.59
26 05 46 00-0020 EA 3-3/4" x 4-3/4" x 10'-0", Single Arm Wood Crossarm, With Hardware And Braces.....	281.66	116.47
26 05 46 00-0021 Wood Double Arm Crossarms (26 05 46 00-0016)		
26 05 46 00-0022 EA 3-1/2" x 4-1/2" x 5'-7", Double Arm Wood Crossarm, With Hardware And Braces.....	571.61	252.37
26 05 46 00-0023 EA 3-1/2" x 4-1/2" x 8'-0", Double Arm Wood Crossarm, With Hardware And Braces.....	608.66	252.37
26 05 46 00-0024 EA 3-3/4" x 4-3/4" x 10'-0", Double Arm Wood Crossarm, With Hardware And Braces.....	633.60	252.37
26 05 46 00-0025 Fiberglass Crossarms (26 05 46 00-0016)		
Note: Includes hardware.		
26 05 46 00-0026 Single Phase, 15 Degree Angle (26 05 46 00-0025)		
26 05 46 00-0027 EA Fiberglass Cutout And Arrestor Bracket, 18", Minimum Ultimate Load 800 LB.....	237.05	
26 05 46 00-0028 EA Fiberglass Insulator Bracket, 14", 11/16" Diameter Hole, Minimum Ultimate Load 1,200 LB.....	301.37	54.35
26 05 46 00-0029 EA Fiberglass Insulator Bracket, 14", 1" Lead Threaded, Minimum Ultimate Load 1,200 LB.....	314.32	58.24
26 05 46 00-0030 Two Phase, 15 Degree Angle (26 05 46 00-0025)		
26 05 46 00-0031 EA Fiberglass Insulator Bracket, 36", Minimum Ultimate Load 1,200 LB.....	376.46	69.88
26 05 46 00-0032 Fiberglass Crossarm Accessories (26 05 46 00-0025)		
26 05 46 00-0033 EA Fiberglass Deadend Crossarm, 36", Minimum Ultimate Load 7,000 LB Per Conductor.....	643.34	89.30
26 05 46 00-0034 EA Fiberglass Deadend Crossarm, 36", Minimum Ultimate Load 12,000 LB Per Conductor.....	762.15	108.71
26 05 46 00-0035 EA Pole Top Pin, Hot Dip Galvanized, 18", 1" Lead Threaded.....	111.89	15.53
26 05 46 00-0036 EA Three Phase Equipment Mounting Bracket.....	559.42	77.65
26 05 46 00-0037 EA Fiberglass Bull Horn Crossarm.....	439.18	129.42
26 05 46 00-0038 Insulator Support System (26 05 46 00-0016)		
26 05 46 00-0039 Epoxy Construction Units, In Place Mounting (26 05 46 00-0038)		
Note: Includes hardware.		
26 05 46 00-0040 EA 1-1/2" Diameter x 19" Long Pole Side Pins Vertical (1 Arm Installed), In Place Mounting.....	131.87	
26 05 46 00-0041 EA 1-1/2" Diameter x 15" Long Pole Top Pins, In Place Mounting.....	108.15	
26 05 46 00-0042 EA Deadend Arms, In Place Mounting.....	316.45	
26 05 46 00-0043 EA 1-1/2" Diameter x 18" Long Pole Side Pins Vertical (2 Arms Installed), In Place Mounting.....	211.42	

26 Electrical
26 05 Common Work Results for Electrical
26 05 46 Utility Poles for Electrical Systems

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 46 00-0044	Epoxy Construction Units, Grounding Mounting (26 05 46 00-0038) Note: Includes hardware.			
26 05 46 00-0045	EA	1-1/2" Diameter x 18" Long Pole Side Pins Vertical, Grounding Mounting	94.42	
26 05 46 00-0046	EA	1-1/2" Diameter x 15" Long Pole Top Pins, Grounding Mounting	83.19	
26 05 46 00-0047	EA	Deadend Arms, Grounding Mounting.....	291.49	
26 05 46 00-0048	Guying (26 05 46) Note: Includes cable, anchor and rod assembly, guy marker.			
26 05 46 00-0049	Down Guy (26 05 46 00-0048)			
26 05 46 00-0050	EA	Down Guy For 25' To 40' Pole	933.38	362.37
26 05 46 00-0051	EA	Down Guy For 45' To 60' Pole	952.97	362.37
26 05 46 00-0052	EA	Down Guy For 65' To 75' Pole	993.26	362.37
26 05 46 00-0053	EA	Guy Guard, Plastic.....	42.88	
26 05 46 00-0054	Head Guy, 50' Spans (26 05 46 00-0048)			
26 05 46 00-0055	EA	Head Guy (50' Span), For 25' To 40' Pole	1,327.02	556.51
26 05 46 00-0056	EA	Head Guy (50' Span), For 45' To 60' Pole	1,327.02	556.51
26 05 46 00-0057	EA	Head Guy (50' Span), For 65' To 75' Pole	1,327.02	556.51
26 05 46 00-0058	Guy Strain Insulators Additional Insulators (26 05 46 00-0048) Note: As required at same material cost and labor.			
26 05 46 00-0059	EA	Guy Strain Insulator	551.59	271.78
26 05 46 00-0060	Pole Anchor (26 05 46 00-0048) Note: Joslyn.			
26 05 46 00-0061	EA	Pole Anchor, 4" Helix, 3/4" x 54" Shaft	64.33	26.30
26 05 46 00-0062	EA	Pole Anchor, 6" Helix, 3/4" x 66" Shaft	73.36	26.30
26 05 46 00-0063	EA	Pole Anchor, 8" Helix, 1" x 66" Shaft	98.72	29.59
26 05 46 00-0064	EA	Pole Anchor, 10" Helix, 1-1/4" x 66" Shaft	140.10	32.88
26 05 46 00-0065	EA	Pole Anchor, 10" Helix, 1-1/4" x 8' Shaft.....	160.24	36.17
26 05 46 00-0066	EA	Pole Anchor, 16" Helix, 1-1/4" x 8' Shaft.....	258.48	49.32
26 05 46 00-0067	Insulators (26 05 46)			
26 05 46 00-0068	Pin Insulator With Pin (26 05 46 00-0067)			
26 05 46 00-0069	EA	5 KV Class 55-3, Pin Insulator With Pin	174.84	77.65
26 05 46 00-0070	EA	15 KV Class 55-5, Pin Insulator With Pin	180.53	77.65
26 05 46 00-0071	Suspension Insulator (26 05 46 00-0067) Note: Includes clevis and strain clamp.			
26 05 46 00-0072	EA	5 KV Class 52-2, Suspension Insulator, With Clevis And Strain Clamp.....	223.01	103.53
26 05 46 00-0073	EA	15 KV Class 52-4, Suspension Insulator, With Clevis And Strain Clamp.....	238.47	103.53
26 05 46 00-0074	EA	25 KV Class 2 x 52-4, Suspension Insulator, With Clevis And Strain Clamp	336.49	129.42
26 05 46 00-0075	EA	50 KV Class 4 x 52-4, Suspension Insulator, With Clevis And Strain Clamp	535.74	207.08
26 05 46 00-0076	Spool Insulator With Clevis (26 05 46 00-0067)			
26 05 46 00-0077	EA	5 KV Class 53-5, Spool Insulator With Clevis	74.24	32.36
26 05 46 00-0078	EA	15 KV Class, Spool Insulator With Clevis	238.71	116.47
26 05 46 00-0079	EA	25 KV Class, Spool Insulator With Clevis	309.41	116.47
26 05 46 00-0080	Secondary Rack (26 05 46 00-0067)			
26 05 46 00-0081	EA	1 Spool Secondary Rack	147.39	64.71
26 05 46 00-0082	EA	2 Spool Secondary Rack	152.38	82.57
26 05 46 00-0083	EA	3 Spool Secondary Rack	228.10	110.01
26 05 46 00-0084	EA	4 Spool Secondary Rack	256.09	110.01
26 05 46 00-0085	Outdoor Load Break Switches (26 05 46) Note: 3-Phase, group operated, 3-insulator, vertical break, high strength pin insulators worm gear operating mechanism operating rods, mechanisms, and switch bases are galvanized steel.			
26 05 46 00-0086	7.2 KV Outdoor Load Break Switches (26 05 46 00-0085)			
26 05 46 00-0087	EA	600 Amperes, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	4,843.89	440.02
26 05 46 00-0088	EA	1,200 Amperes, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	9,545.81	440.02
26 05 46 00-0089	EA	1,600 Amperes, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	14,222.96	744.17
26 05 46 00-0090	EA	2,000 Amperes, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	14,490.57	744.17
26 05 46 00-0091	14.4 KV Outdoor Load Break Switches (26 05 46 00-0085)			
26 05 46 00-0092	EA	600 Amperes, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	5,933.79	440.02
26 05 46 00-0093	EA	1,200 Amperes, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	11,294.98	440.02
26 05 46 00-0094	EA	1,600 Amperes, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	14,222.96	744.17
26 05 46 00-0095	EA	2,000 Amperes, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	14,490.57	744.17
26 05 46 00-0096	23 KV Outdoor Load Break Switches (26 05 46 00-0085)			

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0097	EA		600 Amperes, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator.....	6,538.83	511.21
26 05 46 00-0098	EA		1,200 Amperes, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator.....	12,355.74	511.21
26 05 46 00-0099	EA		1,600 Amperes, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator.....	14,844.71	880.06
26 05 46 00-0100	EA		2,000 Amperes, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator.....	15,121.08	880.06
26 05 46 00-0101			Square Distribution Poles (26 05 46)		
26 05 46 00-0102			Square Steel Tapered Shaft Distribution Poles (26 05 46 00-0101)		
26 05 46 00-0103	EA		20', Steel Taped Shaft Distribution Pole.....	3,862.29	550.03
26 05 46 00-0104	EA		25', Steel Taped Shaft Distribution Pole.....	4,317.21	582.39
26 05 46 00-0105	EA		30', Steel Taped Shaft Distribution Pole.....	4,677.75	647.10
26 05 46 00-0106	EA		35', Steel Taped Shaft Distribution Pole.....	5,178.28	711.81
26 05 46 00-0107	EA		40', Steel Taped Shaft Distribution Pole.....	7,103.07	776.52
26 05 46 00-0108			Square Prestressed Concrete Distribution Poles (26 05 46 00-0101)		
26 05 46 00-0109	EA		30', Prestressed Concrete Square Pole For Distribution.....	4,779.69	969.35
26 05 46 00-0110	EA		35', Prestressed Concrete Square Pole For Distribution.....	5,397.37	1,063.16
26 05 46 00-0111	EA		40', Prestressed Concrete Square Pole For Distribution.....	6,331.89	1,188.24
26 05 46 00-0112	EA		45', Prestressed Concrete Square Pole For Distribution.....	7,134.31	1,313.32
26 05 46 00-0113	EA		50', Prestressed Concrete Square Pole For Distribution.....	5,905.78	1,594.75
26 05 46 00-0114	EA		55', Prestressed Concrete Square Pole For Distribution.....	10,061.82	1,876.18
26 05 46 00-0115	EA		60', Prestressed Concrete Square Pole For Distribution.....	11,869.65	2,126.33
26 05 46 00-0116	EA		65', Prestressed Concrete Square Pole For Distribution.....	14,328.50	2,626.64
26 05 46 00-0117	EA		70', Prestressed Concrete Square Pole For Distribution.....	16,048.58	2,876.80
26 05 46 00-0118			Aluminum Tapered Poles (26 05 46)		
26 05 46 00-0119			Aluminum Tapered Round Seamless Shaft Poles (26 05 46 00-0118)		
26 05 46 00-0120	EA		20', Aluminum Tapered Round Seamless Shaft Pole For Distribution.....	3,320.33	485.32
26 05 46 00-0121	EA		25', Aluminum Tapered Round Seamless Shaft Pole For Distribution.....	4,649.34	517.68
26 05 46 00-0122	EA		30', Aluminum Tapered Round Seamless Shaft Pole For Distribution.....	5,348.27	582.39
26 05 46 00-0123	EA		35', Aluminum Tapered Round Seamless Shaft Pole For Distribution.....	6,349.09	647.10
26 05 46 00-0124	EA		40', Aluminum Tapered Round Seamless Shaft Pole For Distribution.....	9,639.73	711.81
26 05 46 00-0125			Steel Service Poles Distribution (26 05 46)		
			Note: Direct embedded, bearing plate on base end, pole cap on top end, grounding nut, galvanized finish.		
26 05 46 00-0126			Round Tapered Pole (26 05 46 00-0125)		
26 05 46 00-0127	EA		40', Galvanized Steel Tapered Round Pole For Distribution.....	4,629.31	776.52
26 05 46 00-0128	EA		45', Galvanized Steel Tapered Round Pole For Distribution.....	5,379.58	841.22
26 05 46 00-0129	EA		50', Galvanized Steel Tapered Round Pole For Distribution.....	5,731.70	905.94
26 05 46 00-0130	EA		55', Galvanized Steel Tapered Round Pole For Distribution.....	6,749.96	1,035.36
26 05 46 00-0131	EA		60', Galvanized Steel Tapered Round Pole For Distribution.....	8,348.04	1,164.77
26 05 46 00-0132	EA		65', Galvanized Steel Tapered Round Pole For Distribution.....	9,842.60	1,469.67
26 05 46 00-0133	EA		70', Galvanized Steel Tapered Round Pole For Distribution.....	10,955.90	1,667.29
26 05 46 00-0134	EA		75', Galvanized Steel Tapered Round Pole For Distribution.....	12,109.20	1,876.18
26 05 46 00-0135	EA		80', Galvanized Steel Tapered Round Pole For Distribution.....	13,586.74	2,126.33
26 05 46 00-0136	EA		85', Galvanized Steel Tapered Round Pole For Distribution.....	14,519.39	2,251.41
26 05 46 00-0137	EA		90', Galvanized Steel Tapered Round Pole For Distribution.....	15,753.71	2,501.56
26 05 46 00-0138	EA		95', Galvanized Steel Tapered Round Pole For Distribution.....	17,335.21	2,814.26
26 05 46 00-0139	EA		100', Galvanized Steel Tapered Round Pole For Distribution.....	19,129.86	3,189.50
26 05 46 00-0140			12 Sided Tapered (26 05 46 00-0125)		
26 05 46 00-0141	EA		40', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	7,926.95	776.52
26 05 46 00-0142	EA		45', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	8,748.66	841.22
26 05 46 00-0143	EA		50', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	9,689.03	905.94
26 05 46 00-0144	EA		55', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	10,644.82	1,035.36
26 05 46 00-0145	EA		60', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	14,150.27	1,164.77
26 05 46 00-0146	EA		65', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	15,680.51	1,469.67
26 05 46 00-0147	EA		70', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	18,166.35	1,667.29
26 05 46 00-0148	EA		75', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	19,546.92	1,876.18
26 05 46 00-0149	EA		80', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	21,015.13	2,126.33
26 05 46 00-0150	EA		85', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	22,264.66	2,251.41
26 05 46 00-0151	EA		90', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	25,277.03	2,501.56
26 05 46 00-0152	EA		95', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	26,831.85	2,814.26
26 05 46 00-0153	EA		100', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	28,688.84	3,189.50
26 05 46 00-0154	EA		105', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	30,675.89	3,564.73
26 05 46 00-0155			Standard Options For Round, 12 Sided and Octagonal Tapered Poles (26 05 46 00-0125)		
26 05 46 00-0156	EA		Ladder Clips.....	23.18	
26 05 46 00-0157	EA		Coal Tar Epoxy Coating From Base To 1' Above Ground Line.....	173.91	
26 05 46 00-0158	EA		Ground Sleeve-2' At Ground Line.....	174.92	
26 05 46 00-0159			Arms With Baseplates And Endplates (26 05 46 00-0125)		
26 05 46 00-0160	EA		4' Arm With Baseplate And Endplate.....	828.68	129.42
26 05 46 00-0161	EA		5' Arm With Baseplate And Endplate.....	905.95	129.42
26 05 46 00-0162	EA		6' Arm With Baseplate And Endplate.....	1,113.66	194.13

26 Electrical**26 05 Common Work Results for Electrical****26 05 46 Utility Poles for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 46 00-0163	EA	7' Arm With Baseplate And Endplate	1,181.24	194.13
26 05 46 00-0164	EA	8' Arm With Baseplate And Endplate	1,386.95	258.84
26 05 46 00-0165	EA	9' Arm With Baseplate And Endplate	1,464.18	258.84
26 05 46 00-0166	EA	10' Arm With Baseplate And Endplate	1,951.01	323.55
26 05 46 00-0167	EA	11' Arm With Baseplate And Endplate	2,037.70	323.55
26 05 46 00-0168		Standard Vangs Load Bearing At Any Angle <small>(26 05 46 00-0125)</small>		
26 05 46 00-0169	EA	15,000 LB Standard Vangs Load Bearing At Any Angle	322.56	129.42
26 05 46 00-0170	EA	30,000 LB Standard Vangs Load Bearing At Any Angle	369.90	129.42
26 05 46 00-0171	EA	45,000 LB Standard Vangs Load Bearing At Any Angle	434.63	129.42
26 05 46 00-0172		Armless Construction Brackets <small>(26 05 46 00-0125)</small>		
26 05 46 00-0173		Verticals Insulator And Equipment Bracket <small>(26 05 46 00-0172)</small>		
26 05 46 00-0174	EA	7" 1 Position Vertical Insulation And Equipment Bracket	330.28	129.42
26 05 46 00-0175	EA	12" 1 Position Vertical Insulation And Equipment Bracket	360.17	129.42
26 05 46 00-0176	EA	12" 3 Position Vertical Insulation And Equipment Bracket	408.73	129.42
26 05 46 00-0177	EA	18" 1 Position Vertical Insulation And Equipment Bracket	569.68	194.13
26 05 46 00-0178	EA	18" 3 Position Vertical Insulation And Equipment Bracket	598.03	194.13
26 05 46 00-0179		Horizontal And Multiple Insulator Brackets <small>(26 05 46 00-0172)</small>		
26 05 46 00-0180	EA	Sidepole 1 7/8" Clearance Horizontal And Multiple Insulation Brackets	307.01	129.42
26 05 46 00-0181	EA	Sidepole 2" Clearance Horizontal And Multiple Insulation Brackets	369.81	129.42
26 05 46 00-0182	EA	Sidepole 9" Clearance Horizontal And Multiple Insulation Brackets	539.26	194.13
26 05 46 00-0183	EA	Sidepole 10" Clearance Horizontal And Multiple Insulation Brackets	687.49	194.13
26 05 46 00-0184	EA	Sidepole 15" Clearance Horizontal And Multiple Insulation Brackets	878.91	258.84
26 05 46 00-0185	EA	Sidepole 20" Clearance Horizontal And Multiple Insulation Brackets	957.58	258.84
26 05 46 00-0186		Pole Top Bracket And Pins <small>(26 05 46 00-0172)</small>		
26 05 46 00-0187	EA	Pole Top Pin - 5"	316.12	129.42
26 05 46 00-0188	EA	Pole Top Bracket - 5"	331.37	129.42
26 05 46 00-0189		Angle Pins <small>(26 05 46 00-0172)</small>		
26 05 46 00-0190	EA	Angle Pin - 25 Degree, 6"	314.06	129.42
26 05 46 00-0191	EA	Angle Pin - 25 Degree, 7 1/4"	363.59	129.42
26 05 46 00-0192		Static And Neutral Wire Brackets <small>(26 05 46 00-0172)</small>		
26 05 46 00-0193	EA	Neutral Wire Extension Bracket	328.90	129.42
26 05 46 00-0194	EA	Static Wire Support Bracket	333.92	129.42
26 05 46 00-0195		Cutout, Arrestor And Terminator Brackets <small>(26 05 46 00-0172)</small>		
26 05 46 00-0196	EA	Cutout And Arrestor, With Mounting Bracket	293.34	129.42
26 05 46 00-0197	EA	Equipment Mounting T Bracket	315.92	129.42
26 05 46 00-0198	EA	15 KV Cutout	419.26	
26 05 46 00-0199	EA	9/10 KV Arrestor	387.50	129.42
26 05 46 00-0200		Spacer Cable, Conduit Support And Cluster Bracket <small>(26 05 46 00-0172)</small>		
26 05 46 00-0201	EA	Parallel Cable Spacer	364.96	129.42
26 05 46 00-0202	EA	Conduit Standoff Support Bracket	348.93	129.42
26 05 46 00-0203	EA	Three Transformer Pole Mounted Cluster Bracket	904.89	129.42
26 05 46 00-0204		15 KV, 200 Amperes, Solenoid Operated High Voltage Switch <small>(26 05 46 00-0172)</small>		
		Note: Includes pole mounting bracket.		
26 05 46 00-0205	EA	15 KV, 1 Phase, Solenoid Switch With Pole Bracket	2,046.48	323.55
26 05 46 00-0206		Octagonal Tapered <small>(26 05 46 00-0125)</small>		
26 05 46 00-0207	EA	40', Galvanized Steel Tapered Octagonal Pole For Distribution	8,172.04	776.52
26 05 46 00-0208	EA	45', Galvanized Steel Tapered Octagonal Pole For Distribution	9,020.50	841.22
26 05 46 00-0209	EA	50', Galvanized Steel Tapered Octagonal Pole For Distribution	9,992.07	905.94
26 05 46 00-0210	EA	55', Galvanized Steel Tapered Octagonal Pole For Distribution	10,974.59	1,100.07
26 05 46 00-0211	EA	60', Galvanized Steel Tapered Octagonal Pole For Distribution	14,604.82	1,164.77
26 05 46 00-0212	EA	65', Galvanized Steel Tapered Octagonal Pole For Distribution	16,170.72	1,469.67
26 05 46 00-0213	EA	70', Galvanized Steel Tapered Octagonal Pole For Distribution	18,736.77	1,563.48
26 05 46 00-0214	EA	75', Galvanized Steel Tapered Octagonal Pole For Distribution	20,155.21	1,876.18
26 05 46 00-0215	EA	80', Galvanized Steel Tapered Octagonal Pole For Distribution	21,659.06	2,001.26
26 05 46 00-0216	EA	85', Galvanized Steel Tapered Octagonal Pole For Distribution	22,946.49	2,251.41
26 05 46 00-0217	EA	90', Galvanized Steel Tapered Octagonal Pole For Distribution	26,054.67	2,376.49
26 05 46 00-0218	EA	95', Galvanized Steel Tapered Octagonal Pole For Distribution	27,649.60	2,814.26
26 05 46 00-0219	EA	100', Galvanized Steel Tapered Octagonal Pole For Distribution	29,546.70	3,001.88
26 05 46 00-0220	EA	105', Galvanized Steel Tapered Octagonal Pole For Distribution	31,578.31	3,377.12
26 05 46 00-0221		Removal And Relocation Of Steel Service Poles <small>(26 05 46 00-0125)</small>		

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 46 00-0222 LF Removal And Relocation Of Steel Service Poles With Arms Up To 60'.....45.29

26 05 46 00-0223 Special Steel Bases For Poles (26 05 46 00-0125)

26 05 46 00-0224	EA	Spin-In Steel Base For Poles.....	286.32	
26 05 46 00-0225	EA	Series 3, 25' Pole And less.....	319.42	64.71
26 05 46 00-0226	EA	Series 4, 40' Pole And less.....	381.05	74.42
26 05 46 00-0227	EA	Series 5, 50' Pole And less.....	436.21	80.88

26 05 53 Identification for Electrical Systems (26 05)

26 05 53 00-0001 Conduit Markers Pressure-Sensitive (26 05 53)

Note: Stick-on, includes arrow tape.

26 05 53 00-0002	EA	1/2" Outside Diameter Pressure Sensitive Marker Stick-on.....	12.18	
26 05 53 00-0003	EA	3/4" Outside Diameter Pressure Sensitive Marker Stick-on.....	12.75	
26 05 53 00-0004	EA	1" Outside Diameter Pressure Sensitive Marker Stick-on.....	13.90	
26 05 53 00-0005	EA	1-1/4" Outside Diameter Pressure Sensitive Marker Stick-on.....	14.13	
26 05 53 00-0006	EA	1-1/2" Outside Diameter Pressure Sensitive Marker Stick-on.....	14.35	
26 05 53 00-0007	EA	2" Outside Diameter Pressure Sensitive Marker Stick-on.....	14.70	
26 05 53 00-0008	EA	2-1/2" Outside Diameter Pressure Sensitive Marker Stick-on.....	16.86	
26 05 53 00-0009	EA	3" Outside Diameter Pressure Sensitive Marker Stick-on.....	17.31	
26 05 53 00-0010	EA	3-1/2" Outside Diameter Pressure Sensitive Marker Stick-on.....	17.65	
26 05 53 00-0011	EA	4" Outside Diameter Pressure Sensitive Marker Stick-on.....	18.01	
26 05 53 00-0012	EA	4-1/2" Outside Diameter Pressure Sensitive Marker Stick-on.....	18.72	
26 05 53 00-0013	EA	5" Outside Diameter Pressure Sensitive Marker Stick-on.....	19.49	
26 05 53 00-0014	EA	6" Outside Diameter Pressure Sensitive Marker Stick-on.....	20.16	
26 05 53 00-0015	EA	7" Outside Diameter Pressure Sensitive Marker Stick-on.....	20.84	
26 05 53 00-0016	EA	8" Outside Diameter Pressure Sensitive Marker Stick-on.....	22.65	
26 05 53 00-0017	EA	10" Outside Diameter Pressure Sensitive Marker Stick-on.....	23.90	

26 05 53 00-0018 Labeling Existing Electrical Wires (26 05 53)

Note: Self-adhesive vinyl coated white cloth

26 05 53 00-0019	EA	Labeling Existing Wire.....	3.53	
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26 05 53 00-0020 Equipment Labeling (26 05 53)

26 05 53 00-0021	EA	Label Both Ends Of One 4 Pair Cable.....	22.49	
26 05 53 00-0022	EA	Label single gang face plate (2 labels required).....	17.99	
26 05 53 00-0023	EA	Label two gang face plate (4 labels required).....	26.99	
26 05 53 00-0024	EA	Label both ends of a Siamese (dual 4 Pair cable).....	22.49	

26 05 83 Wiring Connections (26 05)

26 05 83 00-0001 Tape Wrapped Compression Connectors (26 05 83)

26 05 83 00-0002	EA	#6 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	16.20	5.14
26 05 83 00-0003	EA	#4 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	17.85	5.71
26 05 83 00-0004	EA	#2 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	19.47	6.28
26 05 83 00-0005	EA	1/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	22.71	6.86
26 05 83 00-0006	EA	2/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	24.41	7.43
26 05 83 00-0007	EA	3/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	27.17	8.00
26 05 83 00-0008	EA	4/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	29.14	8.57
26 05 83 00-0009	EA	250 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	31.80	9.14
26 05 83 00-0010	EA	300 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	35.15	10.28
26 05 83 00-0011	EA	350 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	36.83	10.86
26 05 83 00-0012	EA	400 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	41.31	11.43
26 05 83 00-0013	EA	500 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	45.18	12.00
26 05 83 00-0014	EA	750 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	50.62	13.14
26 05 83 00-0015	EA	1,000 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	58.92	14.85

26 05 83 00-0016 One Hole Compression Lugs (26 05 83)

26 05 83 00-0017	EA	#22-18 AWG Low Voltage (To 600 Volt) One Hole Compression Lug.....	20.12	14.85
26 05 83 00-0018	EA	#16-14 AWG Low Voltage (To 600 Volt) One Hole Compression Lug.....	20.30	14.85
26 05 83 00-0019	EA	#12-10 AWG Low Voltage (To 600 Volt) One Hole Compression Lug.....	23.01	16.00
26 05 83 00-0020	EA	#8 AWG Low Voltage (To 600 Volt) One Hole Compression Lug.....	28.91	17.71
26 05 83 00-0021	EA	#6 AWG Low Voltage (To 600 Volt) One Hole Compression Lug.....	40.36	22.85
26 05 83 00-0022	EA	#4 AWG Low Voltage (To 600 Volt) One Hole Compression Lug.....	46.96	22.85
26 05 83 00-0023	EA	#2 AWG Low Voltage (To 600 Volt) One Hole Compression Lug.....	54.05	22.85
26 05 83 00-0024	EA	1/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug.....	66.30	34.28
26 05 83 00-0025	EA	2/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug.....	77.47	34.28
26 05 83 00-0026	EA	3/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug.....	90.57	34.28
26 05 83 00-0027	EA	4/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug.....	109.08	45.71
26 05 83 00-0028	EA	250 MCM Low Voltage (To 600 Volt) One Hole Compression Lug.....	129.31	68.56
26 05 83 00-0029	EA	300 MCM Low Voltage (To 600 Volt) One Hole Compression Lug.....	147.96	68.56
26 05 83 00-0030	EA	350 MCM Low Voltage (To 600 Volt) One Hole Compression Lug.....	158.93	68.56
26 05 83 00-0031	EA	400 MCM Low Voltage (To 600 Volt) One Hole Compression Lug.....	173.35	79.99
26 05 83 00-0032	EA	500 MCM Low Voltage (To 600 Volt) One Hole Compression Lug.....	189.64	79.99
26 05 83 00-0033	EA	750 MCM Low Voltage (To 600 Volt) One Hole Compression Lug.....	205.95	91.41
26 05 83 00-0034	EA	1,000 MCM Low Voltage (To 600 Volt) One Hole Compression Lug.....	243.53	102.84

26 Electrical
26 05 Common Work Results for Electrical
26 05 83 Wiring Connections

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 83 00-0035 Two Hole Compression Lugs (26 05 83)					
26 05 83 00-0036	EA		#8 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug.....	41.31	19.43
26 05 83 00-0037	EA		#6 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug.....	44.49	20.68
26 05 83 00-0038	EA		#4 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug.....	46.75	20.68
26 05 83 00-0039	EA		#2 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug.....	53.81	23.77
26 05 83 00-0040	EA		1/0 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug.....	66.04	29.71
26 05 83 00-0041	EA		2/0 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug.....	77.21	35.30
26 05 83 00-0042	EA		3/0 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug.....	90.27	41.37
26 05 83 00-0043	EA		4/0 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug.....	108.74	50.16
26 05 83 00-0044	EA		250 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug.....	128.92	59.53
26 05 83 00-0045	EA		300 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug.....	147.51	67.99
26 05 83 00-0046	EA		350 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug.....	158.46	73.24
26 05 83 00-0047	EA		400 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug.....	172.79	79.30
26 05 83 00-0048	EA		500 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug.....	189.01	86.61
26 05 83 00-0049	EA		750 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug.....	206.92	93.92
26 05 83 00-0050	EA		1,000 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug.....	257.35	114.27
26 05 83 00-0051 Tape Wrapped Split Bolt Connectors (26 05 83)					
26 05 83 00-0052	EA		#8 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt.....	60.97	45.71
26 05 83 00-0053	EA		#6 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt.....	67.04	49.14
26 05 83 00-0054	EA		#4 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt.....	76.49	51.42
26 05 83 00-0055	EA		#2 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt.....	89.16	57.13
26 05 83 00-0056	EA		1/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt.....	105.64	62.85
26 05 83 00-0057	EA		2/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt.....	119.65	68.56
26 05 83 00-0058	EA		3/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt.....	149.99	74.27
26 05 83 00-0059	EA		4/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt.....	160.98	79.99
26 05 83 00-0060	EA		250 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt.....	169.82	85.70
26 05 83 00-0061	EA		300 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt.....	195.52	94.27
26 05 83 00-0062	EA		350 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt.....	221.22	137.11
26 05 83 00-0063	EA		400 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt.....	242.94	114.27
26 05 83 00-0064	EA		500 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt.....	264.65	154.25
26 05 83 00-0065	EA		750 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt.....	296.81	159.97
26 05 83 00-0066	EA		1,000 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt.....	339.42	171.39
26 05 83 00-0067 Cable Termination Lugs Handwrapped, No Stress Cone (26 05 83)					
26 05 83 00-0068	EA		#8 Or #6 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt.....	105.16	45.71
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.99	
26 05 83 00-0069	EA		#4 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt.....	116.48	45.71
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.20	
26 05 83 00-0070	EA		1/0 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt.....	160.86	68.56
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.09	
26 05 83 00-0071	EA		4/0 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt.....	181.91	68.56
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	43.95	
26 05 83 00-0072	EA		300 MCM Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt.....	218.32	85.70
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.94	
26 05 83 00-0073	EA		500 MCM Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt.....	306.26	114.27
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	71.42	
26 05 83 00-0074 Terminal Blocks (26 05 83)					
			Note: Labor excludes wire termination.		
26 05 83 00-0075	EA		Power Distribution Block, 250 MCM 3 Phase Terminal Block, No Labor Wire Termination, 600 Volt.....	1,052.17	422.77
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	253.92	
26 05 83 00-0076	EA		#22 To #10 Wire Size, 12 Point, 600 Volt Terminal Block.....	300.98	57.23
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.67	
26 05 83 00-0077	EA		#8 To #2 Wire Size, 12 Point, 600 Volt Terminal Block.....	335.36	57.23
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35.04	
26 05 83 00-0078 Parallel Gutter Tap Or Motor Connection (26 05 83)					
26 05 83 00-0079	EA		#8 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	41.30	20.68
26 05 83 00-0080	EA		#6 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	44.49	20.68
26 05 83 00-0081	EA		#4 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	46.75	20.68
26 05 83 00-0082	EA		#2 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	53.81	23.77
26 05 83 00-0083	EA		1/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	66.04	29.71
26 05 83 00-0084	EA		2/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	77.21	35.30
26 05 83 00-0085	EA		3/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	90.27	41.37
26 05 83 00-0086	EA		4/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	108.74	50.16
26 05 83 00-0087	EA		250 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	128.92	59.53
26 05 83 00-0088	EA		300 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	147.51	67.99
26 05 83 00-0089	EA		350 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	158.46	73.24
26 05 83 00-0090	EA		400 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	172.79	79.30
26 05 83 00-0091	EA		500 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	189.01	86.61
26 05 83 00-0092	EA		750 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	189.57	86.61
26 05 83 00-0093	EA		#8 AWG Parallel Gutter Tap, Versitap, Insulating Cover.....	41.30	20.68
26 05 83 00-0094	EA		#6 AWG Parallel Gutter Tap, Versitap, Insulating Cover.....	44.49	20.68
26 05 83 00-0095	EA		#4 AWG Parallel Gutter Tap, Versitap, Insulating Cover.....	46.75	20.68
26 05 83 00-0096	EA		#2 AWG Parallel Gutter Tap, Versitap, Insulating Cover.....	53.81	23.77
26 05 83 00-0097	EA		1/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover.....	66.04	29.71
26 05 83 00-0098	EA		2/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover.....	77.21	35.30
26 05 83 00-0099	EA		3/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover.....	90.27	41.37
26 05 83 00-0100	EA		4/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover.....	108.74	50.16
26 05 83 00-0101	EA		250 MCM Parallel Gutter Tap, Versitap, Insulating Cover.....	128.92	59.53

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 83 00-0102	EA	300 MCM Parallel Gutter Tap, Versitap, Insulating Cover	147.51	67.99
26 05 83 00-0103	EA	350 MCM Parallel Gutter Tap, Versitap, Insulating Cover	158.46	73.24
26 05 83 00-0104	EA	400 MCM Parallel Gutter Tap, Versitap, Insulating Cover	172.79	79.30
26 05 83 00-0105	EA	500 MCM Parallel Gutter Tap, Versitap, Insulating Cover	189.01	86.61
26 05 83 00-0106	EA	750 MCM Parallel Gutter Tap, Versitap, Insulating Cover	189.57	86.61

26 05 83 00-0107 Copper Mechanical Lugs (26 05 83)

26 05 83 00-0108	EA	#8 Copper Mechanical Lugs	32.86	14.28
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.57	
26 05 83 00-0109	EA	#6 Copper Mechanical Lugs	39.41	17.25
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.35	
26 05 83 00-0110	EA	#4 Copper Mechanical Lugs	45.52	20.00
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.00	
26 05 83 00-0111	EA	#2 Copper Mechanical Lugs	59.72	25.48
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.30	
26 05 83 00-0112	EA	1/0 Copper Mechanical Lugs	80.44	34.28
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.57	
26 05 83 00-0113	EA	2/0 Copper Mechanical Lugs	96.12	39.76
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.89	
26 05 83 00-0114	EA	3/0 Copper Mechanical Lugs	112.57	45.71
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.42	
26 05 83 00-0115	EA	4/0 Copper Mechanical Lugs	128.32	51.30
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.75	
26 05 83 00-0116	EA	250 MCM Copper Mechanical Lugs	147.26	57.13
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.28	
26 05 83 00-0117	EA	300 MCM Copper Mechanical Lugs	165.94	62.85
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.72	
26 05 83 00-0118	EA	350 MCM Copper Mechanical Lugs	184.54	68.56
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.13	
26 05 83 00-0119	EA	400 MCM Copper Mechanical Lugs	203.02	74.27
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	44.53	
26 05 83 00-0120	EA	500 MCM Copper Mechanical Lugs	221.79	79.99
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.99	
26 05 83 00-0121	EA	750 MCM Copper Mechanical Lugs	251.26	91.06
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	54.67	
26 05 83 00-0122	EA	1,000 MCM Copper Mechanical Lugs	284.53	102.84
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.70	

26 05 83 00-0123 Gel Connectors (26 05 83)

26 05 83 00-0124	EA	3 Port, #14 to 2/0, Push On Gel Stub Splice Kit	64.65	
		Note: Kit contains connector, gel filled cap and cap clamp.		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.44	
26 05 83 00-0125	EA	4 Port, #14 to 2, Gel Tap Splice Kit	62.26	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.12	

26 05 83 00-0126 Other Connections (26 05 83)

26 05 83 00-0127	EA	#14 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape	11.60	5.22
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.13	
26 05 83 00-0128	EA	#12 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape	11.72	5.22
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.13	
26 05 83 00-0129	EA	#10 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape	11.84	5.22
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.13	

26 05 83 00-0130 Motor/Equipment Connections And Terminations (26 05 83)

Note: Includes rotation testing. If equipment rating is other than horsepower (KW, CFM, tons, Btu/Hr, etc.) convert units to horsepower and select proper circuit characteristics. Includes material conduit (6 LF max.), connectors and conductors. To connect electrical wiring to all new or existing equipment motors. See CSI section 23 05 13 00-0000 for motors, 23 05 13 00-0216 for motor mounting.

26 05 83 00-0131 AC Single Phase, 230 Volt (26 05 83 00-0130)

26 05 83 00-0132	EA	<1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	71.42	28.57
26 05 83 00-0133	EA	1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	70.94	28.57
26 05 83 00-0134	EA	3/4 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	82.94	34.28
26 05 83 00-0135	EA	1 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	101.14	42.85
26 05 83 00-0136	EA	1-1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	102.10	42.85
26 05 83 00-0137	EA	2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	102.29	42.85
26 05 83 00-0138	EA	3 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	105.45	42.85
26 05 83 00-0139	EA	5 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	134.41	57.13
26 05 83 00-0140	EA	7-1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	137.95	57.13
26 05 83 00-0141	EA	10 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	174.46	71.42

26 05 83 00-0142 AC Three Phase, 230 Volt (26 05 83 00-0130)

26 05 83 00-0143	EA	1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	70.94	28.57
26 05 83 00-0144	EA	3/4 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	82.94	34.28
26 05 83 00-0145	EA	1 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	101.14	42.85
26 05 83 00-0146	EA	1-1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	102.10	42.85
26 05 83 00-0147	EA	2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	102.29	42.85
26 05 83 00-0148	EA	3 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	105.45	42.85
26 05 83 00-0149	EA	5 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	134.41	57.13
26 05 83 00-0150	EA	7-1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	137.95	57.13
26 05 83 00-0151	EA	10 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	174.46	71.42
26 05 83 00-0152	EA	15 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	179.25	71.42

26 Electrical**26 05 Common Work Results for Electrical****26 05 83 Wiring Connections**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 83 00-0153	EA	20 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	226.71	85.70
26 05 83 00-0154	EA	25 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	234.01	85.70
26 05 83 00-0155	EA	30 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	319.62	114.27
26 05 83 00-0156	EA	40 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	400.72	142.82
26 05 83 00-0157	EA	50 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	471.85	171.39
26 05 83 00-0158	EA	60 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	562.15	199.96
26 05 83 00-0159	EA	75 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	646.32	228.53
26 05 83 00-0160	EA	100 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	801.91	285.66
26 05 83 00-0161	EA	125 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	946.74	339.94
26 05 83 00-0162	EA	150 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	1,122.03	396.49
26 05 83 00-0163	EA	200 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	1,595.31	594.62

26 05 83 00-0164 AC Three Phase, 460 Volt (26 05 83 00-0130)

26 05 83 00-0165	EA	1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	70.94	28.57
26 05 83 00-0166	EA	3/4 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	82.94	34.28
26 05 83 00-0167	EA	1 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	101.14	42.85
26 05 83 00-0168	EA	1-1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	102.10	42.85
26 05 83 00-0169	EA	2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	102.29	42.85
26 05 83 00-0170	EA	3 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	105.45	42.85
26 05 83 00-0171	EA	5 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	134.41	57.13
26 05 83 00-0172	EA	7-1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	137.95	57.13
26 05 83 00-0173	EA	10 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	174.46	71.42
26 05 83 00-0174	EA	15 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	179.25	71.42
26 05 83 00-0175	EA	20 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	226.72	85.70
26 05 83 00-0176	EA	25 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	234.00	85.70
26 05 83 00-0177	EA	30 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	319.62	114.27
26 05 83 00-0178	EA	40 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	401.06	143.06
26 05 83 00-0179	EA	50 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	471.85	171.39
26 05 83 00-0180	EA	60 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	562.15	199.96
26 05 83 00-0181	EA	75 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	646.32	228.53
26 05 83 00-0182	EA	100 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	801.91	285.66
26 05 83 00-0183	EA	125 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	947.07	340.05
26 05 83 00-0184	EA	150 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	1,122.47	396.72
26 05 83 00-0185	EA	200 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	1,596.29	595.09

26 05 83 00-0186 AC Single Phase, 120 Volt (26 05 83 00-0130)

26 05 83 00-0187	EA	1/2 HP AC And Less Single Phase, 120 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	71.42	28.57
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26 05 83 00-0188 Motor Moisture Sensor (26 05 83 00-0130)

26 05 83 00-0189	EA	Motor Moisture Sensor Located In Winding.....	706.63	
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26 09 Instrumentation and Control for Electrical Systems (26)

Note: Includes testing of new devices and certification.

26 09 23 Lighting Control Devices (26 09)**26 09 23 00-0001 Lighting Contactors** (26 09 23)

Note: Up to 600 volt.

26 09 23 00-0002 Electrically Held, Lighting Contactors (26 09 23 00-0001)**26 09 23 00-0003 NEMA 1 Enclosure, Electrically Held, Lighting Contactors** (26 09 23 00-0002)**26 09 23 00-0004 2-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors** (26 09 23 00-0003)

26 09 23 00-0005	EA	20 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	481.27	91.41
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	54.85	
26 09 23 00-0006	EA	30 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	595.97	102.84
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.70	
26 09 23 00-0007	EA	60 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	1,119.41	159.97
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	95.98	
26 09 23 00-0008	EA	100 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	1,746.97	217.10
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	130.26	
26 09 23 00-0009	EA	200 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	3,658.50	285.66
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	171.40	

26 09 23 00-0010 3-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0003)

26 09 23 00-0011	EA	20 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	543.55	102.84
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.70	
26 09 23 00-0012	EA	30 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	653.27	114.27
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	68.56	
26 09 23 00-0013	EA	60 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	1,211.04	182.82
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	109.70	
26 09 23 00-0014	EA	100 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	1,886.15	239.95
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	143.97	
26 09 23 00-0015	EA	200 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	3,926.36	314.23
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	188.54	

26 09 23 00-0016 4-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0003)

26 09 23 00-0017	EA	20 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	640.80	114.27
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	68.56	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0018 EA 30 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	770.42	125.69
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.41	
26 09 23 00-0019 EA 60 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	1,466.64	205.67
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	123.40	
26 09 23 00-0020 EA 100 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	2,259.02	262.81
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	157.68	
26 09 23 00-0021 EA 200 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	5,019.11	342.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	205.67	
26 09 23 00-0022 NEMA 4 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0002)		
26 09 23 00-0023 2-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0022)		
26 09 23 00-0024 EA 20 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor.....	798.54	91.41
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	54.85	
26 09 23 00-0025 EA 30 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor.....	1,016.62	102.84
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.70	
26 09 23 00-0026 EA 60 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor.....	1,958.23	159.97
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	95.98	
26 09 23 00-0027 EA 100 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor.....	2,938.38	217.10
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	130.26	
26 09 23 00-0028 EA 200 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor.....	5,692.01	285.66
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	171.40	
26 09 23 00-0029 3-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0022)		
26 09 23 00-0030 EA 20 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor.....	827.66	102.84
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.70	
26 09 23 00-0031 EA 30 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor.....	1,073.92	114.27
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	68.56	
26 09 23 00-0032 EA 60 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor.....	2,052.32	182.82
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	109.70	
26 09 23 00-0033 EA 100 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor.....	3,076.75	239.95
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	143.97	
26 09 23 00-0034 EA 200 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor.....	5,959.06	314.23
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	188.54	
26 09 23 00-0035 4-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0022)		
26 09 23 00-0036 EA 20 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor.....	894.44	114.27
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	68.56	
26 09 23 00-0037 EA 30 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor.....	1,191.06	125.69
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.41	
26 09 23 00-0038 EA 60 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor.....	2,635.09	205.67
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	123.40	
26 09 23 00-0039 EA 100 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor.....	3,776.78	262.81
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	157.68	
26 09 23 00-0040 EA 200 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor.....	7,953.77	342.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	205.67	
26 09 23 00-0041 Mechanically Held, Lighting Contactors (26 09 23 00-0001)		
26 09 23 00-0042 NEMA 1 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0041)		
26 09 23 00-0043 2-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0042)		
26 09 23 00-0044 EA 20 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor.....	712.50	91.41
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	54.85	
26 09 23 00-0045 EA 30 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor.....	810.81	102.84
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.70	
26 09 23 00-0046 EA 60 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor.....	1,537.59	159.97
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	95.98	
26 09 23 00-0047 EA 100 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor.....	2,143.01	217.10
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	130.26	
26 09 23 00-0048 EA 200 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor.....	4,944.20	285.66
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	171.40	
26 09 23 00-0049 3-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0042)		
26 09 23 00-0050 EA 20 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor.....	761.34	102.84
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.70	
26 09 23 00-0051 EA 30 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor.....	869.74	114.27
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	68.56	
26 09 23 00-0052 EA 60 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor.....	1,631.68	182.82
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	109.70	
26 09 23 00-0053 EA 100 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor.....	2,283.02	239.95
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	143.97	
26 09 23 00-0054 EA 200 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor.....	5,560.55	314.23
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	188.54	
26 09 23 00-0055 4-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0042)		
26 09 23 00-0056 EA 20 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor.....	821.84	114.27
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	68.56	
26 09 23 00-0057 EA 30 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor.....	927.03	125.69
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.41	

26 Electrical**26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0058	EA		60 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,909.42 123.40	205.67
26 09 23 00-0059	EA		100 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,679.66 157.68	262.81
26 09 23 00-0060	EA		200 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,714.80 205.67	342.79
26 09 23 00-0061			NEMA 4 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0041)		
26 09 23 00-0062			2-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0061)		
26 09 23 00-0063	EA		20 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,070.10 54.85	91.41
26 09 23 00-0064	EA		30 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,231.45 61.70	102.84
26 09 23 00-0065	EA		60 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,378.88 95.98	159.97
26 09 23 00-0066	EA		100 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,334.42 130.26	217.10
26 09 23 00-0067	EA		200 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,976.08 171.40	285.66
26 09 23 00-0068			3-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0061)		
26 09 23 00-0069	EA		20 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,130.59 61.70	102.84
26 09 23 00-0070	EA		30 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,290.39 68.56	114.27
26 09 23 00-0071	EA		60 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,472.97 109.70	182.82
26 09 23 00-0072	EA		100 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,475.25 143.97	239.95
26 09 23 00-0073	EA		200 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,594.07 188.54	314.23
26 09 23 00-0074			4-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0061)		
26 09 23 00-0075	EA		20 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,195.58 68.56	114.27
26 09 23 00-0076	EA		30 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,347.68 75.41	125.69
26 09 23 00-0077	EA		60 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,077.87 123.40	205.67
26 09 23 00-0078	EA		100 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,197.42 157.68	262.81
26 09 23 00-0079	EA		200 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9,589.60 205.67	342.79
26 09 23 00-0080			Combination Lighting Contactors (26 09 23) Note: Up to 600 volt.		
26 09 23 00-0081			Electrically Held, Combination Lighting Contactors (26 09 23 00-0080)		
26 09 23 00-0082			NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactors (26 09 23 00-0081)		
26 09 23 00-0083			3-Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactors (26 09 23 00-0082)		
26 09 23 00-0084	EA		30 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,376.78 75.41	125.69
26 09 23 00-0085	EA		60 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,158.57 120.66	201.10
26 09 23 00-0086	EA		100 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,487.16 158.37	263.95
26 09 23 00-0087	EA		200 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,369.97 207.39	345.65
26 09 23 00-0088			NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactors (26 09 23 00-0081)		
26 09 23 00-0089			3-Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactors (26 09 23 00-0088)		
26 09 23 00-0090	EA		30 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,497.27 75.41	125.69
26 09 23 00-0091	EA		60 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,885.42 120.66	201.10
26 09 23 00-0092	EA		100 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,500.54 158.37	263.95

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 09 23 00-0093	EA	200 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10,224.64 207.39	345.65
26 09 23 00-0094 Mechanically Held, Combination Lighting Contactors (26 09 23 00-0080)				
26 09 23 00-0095 NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactors (26 09 23 00-0094)				
26 09 23 00-0096 3-Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactors (26 09 23 00-0095)				
26 09 23 00-0097	EA	30 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,504.70 75.41	125.69
26 09 23 00-0098	EA	60 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,601.35 120.66	201.10
26 09 23 00-0099	EA	100 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,906.57 158.37	263.95
26 09 23 00-0100	EA	200 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,561.79 207.39	345.65
26 09 23 00-0101 NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactors (26 09 23 00-0094)				
26 09 23 00-0102 3-Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactors (26 09 23 00-0101)				
26 09 23 00-0103	EA	30 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,626.41 75.41	125.69
26 09 23 00-0104	EA	60 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,330.66 120.66	201.10
26 09 23 00-0105	EA	100 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,921.18 158.37	263.95
26 09 23 00-0106	EA	200 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11,416.46 207.39	345.65
26 09 23 00-0107 Photo-Cell, Relay, Lighting Arrester, Receptacle And Bracket (26 09 23)				
26 09 23 00-0108	EA	105 To 130 Volt Relay, Photo-Cell, Lighting Arrester, Receptacle And Bracket <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	134.83 17.85	29.71
26 09 23 00-0109	EA	105 To 285 Volt Relay, Photo-Cell, Lighting Arrester, Receptacle And Bracket <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	147.32 17.85	29.71
26 09 23 00-0110 Dimming Module System (Lutron Grafik Eye) (26 09 23)				
26 09 23 00-0111	EA	2,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-2)..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,676.68 68.56	114.27
26 09 23 00-0112	EA	4,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-4)..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,168.51 68.56	114.27
26 09 23 00-0113	EA	6,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-6)..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,669.11 68.56	114.27
26 09 23 00-0114 Dimming Module Contol (Leviton) (26 09 23)				
26 09 23 00-0115	EA	5 Amperes, Wireless Dimming Module (Leviton WSD05-9D0)..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	216.28 8.59	14.31
26 09 23 00-0116 Light Control Panels (26 09 23)				
26 09 23 00-0117 Lighting Control Panels (Watt Stopper) (26 09 23 00-0116)				
26 09 23 00-0118 Lighting Control Panels (Watt Stopper) (26 09 23 00-0117)				
26 09 23 00-0119	EA	4 Relays, Surface Mount, Lighting Control Panel (Watt Stopper LP8S-4) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,763.97 96.15	160.24
26 09 23 00-0120	EA	8 Relays, Surface Mount, Lighting Control Panel (Watt Stopper LP8S-8) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,655.56 103.02	171.69
26 09 23 00-0121	EA	8 Relays, Surface Mount, Lighting Control Panel With Group Switching Card (Watt Stopper LP8S-8-G) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,860.69 103.02	171.69
26 09 23 00-0122	EA	8 Relays, Surface Mount, Lighting Control Panel With DIN Rail (Watt Stopper LP24S-8)..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,778.67 103.02	171.69
26 09 23 00-0123	EA	8 Relays, Surface Mount, Lighting Control Panel With Group Switching Card And DIN Rail (Watt Stopper LP24S-8-G) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,019.50 103.02	171.69
26 09 23 00-0124	EA	4 Relays, Flush Mount, Lighting Control Panel (Watt Stopper LP8F-4) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,961.25 96.15	160.24
26 09 23 00-0125	EA	8 Relays, Flush Mount, Lighting Control Panel (Watt Stopper LP8F-8) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,104.45 103.02	171.69
26 09 23 00-0126	EA	8 Relays, Flush Mount, Lighting Control Panel With Group Switching Card (Watt Stopper LP8F-8-G) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,345.04 103.02	171.69

26 Electrical**26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0127	EA		8 Relays, Flush Mount, Lighting Control Panel With DIN Rail (Watt Stopper LP24F-8).....	2,874.91	171.69
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	103.02	
26 09 23 00-0128	EA		8 Relays, Flush Mount, Lighting Control Panel With Group Switching Card And DIN Rail (Watt Stopper LP24F-8-G).....	3,115.73	171.69
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	103.02	
26 09 23 00-0129			Accessories For Lighting Control Panels (Watt Stopper) <small>(26 09 23 00-0117)</small>		
26 09 23 00-0130	EA		Low Voltage Photocell For Watt Stopper Lighting Control Panels (Watt Stopper EM-24A2).....	171.59	28.62
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.17	
26 09 23 00-0131	EA		Automatic Control Switch For Watt Stopper Lighting Control Panels (Watt Stopper AS-100-W).....	132.11	22.89
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.74	
26 09 23 00-0132	EA		Low Voltage Momentary Switch For Watt Stopper Lighting Control Panels (Watt Stopper DCC2).....	70.23	22.89
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.74	
26 09 23 00-0133			Lighting Control Panels (Synergy) <small>(26 09 23 00-0116)</small>		
26 09 23 00-0134			Lighting Control Panels (Synergy) <small>(26 09 23 00-0133)</small>		
26 09 23 00-0135	EA		8 Relays, Surface Mount, Lighting Control Panel (Synergy SwitchPak SPAK 8S).....	2,661.44	171.69
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	103.02	
26 09 23 00-0136			Accessories For Lighting Control Panels (Synergy) <small>(26 09 23 00-0133)</small>		
26 09 23 00-0137	EA		Outdoor Photocell For Synergy SwitchPak Lighting Control Panels (Synergy LSA-APS-OL).....	653.65	28.62
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.17	
26 09 23 00-0138	EA		Sweepswitch, Line Voltage Override Switch For Synergy SwitchPak Lighting Control Panels (Synergy SSPL-20).....	253.15	11.45
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.87	
26 09 23 00-0139	EA		Override Switch For Synergy SwitchPak Lighting Control Panels (Synergy LVPS-2BT).....	142.70	17.17
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.30	
26 09 23 00-0140			Lighting Switching Panels (Lutron) <small>(26 09 23 00-0116)</small>		
26 09 23 00-0141			Lighting Switching Panels (Lutron) <small>(26 09 23 00-0140)</small>		
26 09 23 00-0142	EA		8 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS8-FT).....	2,163.67	171.69
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	103.02	
26 09 23 00-0143	EA		12 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS12-FT).....	2,969.93	183.14
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	109.88	
26 09 23 00-0144	EA		16 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS16-FT).....	3,892.02	194.58
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	116.75	
26 09 23 00-0145			Wireless (ZigBee) LED Lighting Control Panels (PlanLED GigaTera) <small>(26 09 23 00-0116)</small>		
26 09 23 00-0146	EA		6 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC6Z).....	1,444.13	160.24
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	96.15	
26 09 23 00-0147	EA		12 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC12Z).....	1,648.43	160.24
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	96.15	
26 09 23 00-0148	EA		18 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC18Z).....	1,852.73	160.24
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	96.15	
26 09 23 00-0149			Power Filters <small>(26 09 23 00-0116)</small>		
26 09 23 00-0150	EA		600 Amperes, 480/277 Volt, 4 Conductor Power Filter With 80" X 60" X 17" Enclosure.....	39,278.63	952.16
26 09 23 00-0151	EA		200 Amperes, 480/277 Volt, 4 Conductor Power Filter With 25" X 40" X 17" Enclosure.....	23,252.54	413.98
26 09 23 00-0152			Signal Filters <small>(26 09 23 00-0116)</small>		
26 09 23 00-0153	EA		0.5 Amperes, 125 Volt, 500 Conductor Signal Filter With 19" X 36-3/4" X 19-1/8 Case.....	17,926.77	865.66
26 09 23 00-0154	EA		0.5 Amperes, 125 Volt, 200 Conductor Signal Filter With 29" X 40" X 11" Case.....	12,270.26	529.04
26 09 23 00-0155	EA		0.5 Amperes, 125 Volt, 3 Pair Conductor Signal Filter With 12" X 12" X 4" Case.....	6,843.36	307.14
26 09 23 00-0156	EA		5 Amperes, 24 Volt DC, 5 Volt, 2 - 1 Pair Conductor Signal Filter With Case.....	9,334.97	307.14
26 09 23 00-0157			Lighting Control Devices (Encelium) <small>(26 09 23)</small>		
26 09 23 00-0158	EA		8 Port, G4, Wired Energy Control Unit, GreenBus II™ (120V) With Polaris 3D™ (Encelium EN-ECU-G4-P3D).....	15,461.86	114.47
			Note: Excludes GB II cable.		
26 09 23 00-0159	EA		Server, System Support Unit (SSU) (Encelium EN-SSU-1U).....	7,062.51	114.47
			Note: Excludes GB II and Ethernet cable.		
26 09 23 00-0160	EA		Server, System Support Unit (SSU), VIRTUAL (Encelium EN-SW-SSUVIRT).....	3,670.42	114.47
			Note: Excludes GB II and Ethernet cable.		
26 09 23 00-0161	EA		Server, System Support Unit (SSU) With BACnet (Encelium EN-SSU-BIF-KIT).....	15,552.86	114.47
			Note: Excludes GB II and Ethernet cable.		
26 09 23 00-0162	EA		Isolated, Wired Luminaire Control Module (Encelium EN-iLCM-1R10V-GB2-BK).....	121.02	14.31
			Note: Excludes GB II cable.		
26 09 23 00-0163	EA		Damp Rated, Isolated, Wired Luminaire Control Module (Encelium EN-iLCM-1R10V-GB2-BK/DR).....	188.23	14.31
			Note: Excludes GB II cable.		
26 09 23 00-0164	EA		Wired Area Lighting Controller, Heavy Duty Relay With 0-10V Dimming (Encelium EN-ALC-1R10V-GB2-BK).....	235.83	28.62
			Note: Excludes GB II cable.		
26 09 23 00-0165	EA		Damp Rated, Wired Area Lighting Controller, Heavy Duty Relay With 0-10V Dimming (Encelium EN-ALC-1R10V-GB2-BK-DR).....	285.23	28.62
			Note: Excludes GB II cable.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0166 EA Wired Sensor Interface Module (Encelium EN-SIM-AI/SPS-GB2-BK)..... Note: Excludes GB II cable.	149.63	28.62
26 09 23 00-0167 EA Damp Rated, Wired Sensor Interface Module (Encelium EN-SIM-AI/SPS-GB2-BK/DR)..... Note: Excludes GB II cable.	216.84	28.62
26 09 23 00-0168 EA 16 Port, Rack Mounted, Wired Ethernet Switch (Encelium ETH-700) Note: Excludes cable.	547.66	57.23
26 09 23 00-0169 EA Rack Mounted, Wired Power Bar (Encelium PWR-700).....	409.59	57.23
26 09 23 00-0170 EA Rack Mounted, Wired Power Bar With Surge Protection (Encelium PWR-800).....	756.67	57.23
26 09 23 00-0171 EA Wall Mounted, 4U Mounting Rack (Encelium RCK-700).....	253.57	57.23
26 09 23 00-0172 EA 4 Port, 10/100 VPN, Dual WAN, Wired Router (Encelium RV042) Note: Excludes cable.	849.13	57.23
26 09 23 00-0173 EA Wired BACnet Interface (Encelium BIF-600) Note: Excludes cable.	8,948.19	228.92
26 09 23 00-0174 EA Wired AV Interface (Encelium EN-SW-AVINT)..... Note: Excludes cable.	6,637.72	57.23
26 09 23 00-0175 EA Two Button, GB2, Wired Wall Station (Encelium EN-WS-2B-GB2-WH)..... Note: Includes white finish. Excludes GB II cable.	247.12	14.31
26 09 23 00-0176 EA 3 Scene, GB2, Wired Wall Station (Encelium EN-WS-SC3-GB2-WH)..... Note: Includes white finish. Excludes GB II cable.	301.72	14.31
26 09 23 00-0177 EA 3 Zone, GB2, Wired Wall Station (Encelium EN-WS-ZC3-GB2-WH)..... Note: Includes white finish. Excludes GB II cable.	288.55	14.31
26 09 23 00-0178 EA 5 Scene, GB2, Wired Wall Station (Encelium EN-WS-SC5-GB2-WH)..... Note: Includes white finish. Excludes GB II cable.	301.72	14.31
26 09 23 00-0179 EA 6 Zone, GB2, Wired Wall Station (Encelium EN-WS-ZC6-GB2-WH)..... Note: Includes white finish. Excludes GB II cable.	288.55	14.31
26 09 23 00-0180 EA Rocker Switch, GB2, Wired Wall Station (Encelium EN-WS-R-GB2-WT)..... Note: Includes white finish. Excludes GB II cable.	217.61	14.31
26 09 23 00-0181 EA Scene Controller, GB2, Wired Wall Station (Encelium EN-WS-SC3D-GB2-WT)..... Note: Includes white finish. Excludes GB II cable.	301.72	14.31
26 09 23 00-0182 EA 3 Zone Controller, GB2, Wired Wall Station (Encelium EN-WS-ZC3-GB2-WT)..... Note: Includes white finish. Excludes GB II cable.	288.55	14.31
26 09 23 00-0183 EA Wired Key Switch Controller (Encelium KSW-300)..... Note: Excludes GB II cable.	212.29	14.31
26 09 23 00-0184 EA Wall Station Surface Mount Kit (Encelium EN-SMK-ZB-WH) Note: Includes white finish.	89.42	14.31
26 09 23 00-0185 EA 1/2' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-0.5FT-GB2).....	71.04	28.62
26 09 23 00-0186 EA 1' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-01FT-GB2).....	71.63	28.62
26 09 23 00-0187 EA 5' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-05FT-GB2).....	76.28	28.62
26 09 23 00-0188 EA 10' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-10FT-GB2).....	80.87	28.62
26 09 23 00-0189 EA 15' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-15FT-GB2).....	86.36	28.62
26 09 23 00-0190 EA 20' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-20FT-GB2).....	91.30	28.62
26 09 23 00-0191 EA 25' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-25FT-GB2).....	97.37	28.62
26 09 23 00-0192 EA 50' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-50FT-GB2).....	124.82	28.62
26 09 23 00-0193 EA 1,000' Box, GreenBus II™ Cable (Encelium EN-BC-1000FT-GB2).....	818.78	28.62
26 09 23 00-0194 EA Box Of 50, Greenbus II™ Connectors (Encelium EN-CON-50-GB2).....	196.56	28.62
26 09 23 00-0195 EA 1,000' Box, Category 5, Network Cable (Encelium NWC-400-B).....	1,057.88	28.62
26 09 23 00-0196 EA Indoor Wired Photo Sensor (Encelium PHS-700)..... Note: Excludes GB II cable.	614.81	57.23
26 09 23 00-0197 EA Outdoor Wired Photo Sensor (Encelium PHS-800)..... Note: Excludes GB II cable.	614.81	57.23
26 09 23 00-0198 EA Skylight Wired Photo Sensor (Encelium PHS-900)..... Note: Excludes GB II cable.	614.81	57.23
26 09 23 00-0199 EA 450 SF, 360 Degree, Passive Infrared, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCP-0450)..... Note: Excludes GB II cable.	317.29	57.23
26 09 23 00-0200 EA 1,500 SF, 360 Degree, Passive Infrared, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCP-1500)..... Note: Excludes GB II cable.	307.31	57.23
26 09 23 00-0201 EA 2,500 SF, Wide View, Passive Infrared, Wall Mounted, Wired Occupancy Sensor (Encelium SWP-WV00)..... Note: Excludes GB II cable.	313.96	57.23
26 09 23 00-0202 EA High-Bay, Passive Infrared, Wall Mounted, Wired Occupancy Sensor (Encelium SWP-HBAY)..... Note: Excludes GB II cable.	347.21	57.23
26 09 23 00-0203 EA Long-Range, Passive Infrared, Wall Mounted, Wired Occupancy Sensor (Encelium SWP-LRNG)..... Note: Excludes GB II cable.	313.96	57.23
26 09 23 00-0204 EA 120-277 Volt AC, No Neutral, Passive Infrared, Wall Switch Mounted, Wired Occupancy Sensor (Encelium SSP-LNV)..... Note: Excludes GB II cable.	247.48	57.23
26 09 23 00-0205 EA High Bay, Passive Infrared, Fixture Mounted, Wired Occupancy Sensor (Encelium WSPM24V)..... Note: Excludes GB II cable.	262.67	57.23
26 09 23 00-0206 EA High Bay, Passive Infrared, Surface Mounted, Wired Occupancy Sensor (Encelium WSPM24V)..... Note: Excludes GB II cable.	262.67	57.23
26 09 23 00-0207 EA 360 Degree Lens, Wired Occupancy Sensor (Encelium WSPLENS360)..... Note: Excludes GB II cable.	136.01	57.23
26 09 23 00-0208 EA Passive Infrared, Wall Switch Mounted, Wired Occupancy Sensor (Encelium PW-100-24)..... Note: Excludes GB II cable.	322.19	57.23
26 09 23 00-0209 EA Hallway, Wired Occupancy Sensor (Encelium HW-13)..... Note: Excludes GB II cable.	457.73	57.23
26 09 23 00-0210 EA 500 SF, 180 Degree, (Multi) Passive Infrared And Ultrasonic, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCM-0500)..... Note: Excludes GB II cable.	400.41	57.23
26 09 23 00-0211 EA 1,000 SF, 360 Degree, (Multi) Passive Infrared And Ultrasonic, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCM-1000)..... Note: Excludes GB II cable.	427.01	57.23
26 09 23 00-0212 EA 2,000 SF, 360 Degree, (Multi) Passive Infrared And Ultrasonic, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCM-2000)..... Note: Excludes GB II cable.	440.32	57.23
26 09 23 00-0213 EA 1,200 SF, (Multi) Passive Infrared And Ultrasonic, Wall Mounted, Wired Occupancy Sensor (Encelium SWM-1200)..... Note: Excludes GB II cable.	397.08	57.23

26 Electrical**26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0214	EA		120-277 Volt AC, No Neutral, Passive Infrared And Ultrasonic, Wall Switch Mounted, Wired Occupancy Sensor (Encelium SSM-LNV).....	330.60	57.23
			Note: Excludes GB II cable.		
26 09 23 00-0215	EA		500 SF, 180 Degree, Dual Technology, Ceiling Mounted, Wired Occupancy Sensor (Encelium OSC05-M0W).....	414.71	57.23
			Note: Excludes GB II cable.		
26 09 23 00-0216	EA		1,200 SF, 360 Degree, Dual Technology, Wall Mounted, Wired Occupancy Sensor (Encelium OSW12-M0W).....	411.23	57.23
			Note: Excludes GB II cable.		
26 09 23 00-0217	EA		2,000 SF, 360 Degree, Dual Technology, Ceiling Mounted, Wired Occupancy Sensor (Encelium OSC20-M0W).....	456.60	57.23
			Note: Excludes GB II cable.		
26 09 23 00-0218	EA		1,000 SF, 360 Degree, Dual Technology, Ceiling Mounted, Wired Occupancy Sensor (Encelium OSC10-M0W).....	442.65	57.23
			Note: Excludes GB II cable.		
26 09 23 00-0219	EA		Dual Technology, Wall Switch Mounted, Wired Occupancy Sensor (Encelium DW-100-24).....	476.74	57.23
			Note: Excludes GB II cable.		
26 09 23 00-0220	EA		Dual Technology, Wall Switch Mounted, Wired Occupancy Sensor (Encelium WSD-PDT-LV).....	442.79	57.23
			Note: Excludes GB II cable.		
26 09 23 00-0221	EA		Wide View, Dual Technology, Wired Occupancy Sensor (Encelium WV-PDT).....	442.79	57.23
			Note: Excludes GB II cable.		
26 09 23 00-0222	EA		10A, 120V, Single Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESRU1C).....	289.56	57.23
26 09 23 00-0223	EA		10A, 277V, Single Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESRH1C).....	310.46	57.23
26 09 23 00-0224	EA		20A, 120V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR01P).....	547.19	57.23
26 09 23 00-0225	EA		20A, 277V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR02P).....	585.56	57.23
26 09 23 00-0226	EA		10A, 120V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR2401D).....	430.76	57.23
26 09 23 00-0227	EA		10A, 277V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR2402D).....	449.31	57.23
26 09 23 00-0228	EA		24 Circuit, Relay Module (Encelium EN-RPM-24C-GB2).....	1,292.91	114.47
			Note: Excludes GB II cable and enclosure.		
26 09 23 00-0229	EA		24 Circuit, 120/277V, Relay Panel With Relay Module (Encelium EN-RP-24C-GB2-120/277V).....	4,031.65	457.84
			Note: Excludes GB II cable.		
26 09 23 00-0230	EA		12 Relays, 24 Circuit, 120-347V, Emergency Relay Panel (Encelium EN-RPA12R120-347V).....	5,901.23	457.84
			Note: Excludes GB II cable.		
26 09 23 00-0231	EA		24 Relays, 24 Circuit, 120-347V, Emergency Relay Panel (Encelium EN-RPA24R120-347V).....	7,770.80	457.84
			Note: Excludes GB II cable.		
26 09 23 00-0232	EA		Wired Phase Cut Dimming Module (Encelium EN-PCDM-GB2).....	646.46	57.23
			Note: Excludes GB II cable.		
26 09 23 00-0233	EA		Wired DALI Bridge (Encelium EN-DB-1L-GB2).....	741.47	57.23
			Note: Excludes GB II cable.		
26 09 23 00-0234	EA		Wireless Manager (Encelium EN-WM-ZB-P3D).....	2,014.45	57.23
			Note: Includes white finish.		
26 09 23 00-0235	EA		Wireless Control Module (Encelium EN-WCM-ZB).....	272.56	28.62
26 09 23 00-0236	EA		Damp Rated, Wireless Control Module (Encelium EN-WCM-ZB-DR).....	323.23	28.62
26 09 23 00-0237	EA		Wireless Area Lighting Controller (Encelium EN-ALC-ZB-BK).....	324.49	28.62
26 09 23 00-0238	EA		Damp Rated, Wireless Area Lighting Controller (Encelium EN-ALC-ZB-BK-DR).....	336.44	28.62
26 09 23 00-0239	EA		2 Button Switch, Wireless Wall Station (Encelium EN-WS-2B-ZB-WH).....	243.95	14.31
			Note: Includes white finish.		
26 09 23 00-0240	EA		3 Scene Control, Wireless Wall Station (Encelium EN-WS-SC3-ZB-WH).....	243.95	14.31
			Note: Includes white finish.		
26 09 23 00-0241	EA		3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH).....	243.95	14.31
			Note: Includes white finish.		
26 09 23 00-0242	EA		5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH).....	243.95	14.31
			Note: Includes white finish.		
26 09 23 00-0243	EA		6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH).....	243.95	14.31
			Note: Includes white finish.		
26 09 23 00-0244	EA		Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW).....	252.18	14.31
26 09 23 00-0245	EA		315 MHz, Wireless Photocell (Encelium TAP-17C).....	532.46	57.23
26 09 23 00-0246	EA		450 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB).....	329.80	57.23
26 09 23 00-0247	EA		1,500 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB).....	329.80	57.23
26 09 23 00-0248	EA		1,500 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB-DR).....	380.47	57.23
26 09 23 00-0249	EA		450 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB-DR).....	380.47	57.23
26 09 23 00-0250	EA		2 Button Switch, Wireless Wall Station (Encelium EN-WS-2B-ZB-WH).....	243.95	14.31
			Note: Includes white finish.		
26 09 23 00-0251	EA		3 Scene Control, Wireless Wall Station (Encelium EN-WS-SC3-ZB-WH).....	243.95	14.31
			Note: Includes white finish.		
26 09 23 00-0252	EA		3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH).....	243.95	14.31
			Note: Includes white finish.		
26 09 23 00-0253	EA		5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH).....	243.95	14.31
			Note: Includes white finish.		
26 09 23 00-0254	EA		6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH).....	243.95	14.31
			Note: Includes white finish.		
26 09 23 00-0255	EA		Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW).....	252.18	14.31
			Note: Includes white finish.		
26 09 23 00-0256	EA		315 MHz, Wireless Photocell (Encelium TAP-17C).....	532.46	57.23
26 09 23 00-0257	EA		3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH).....	243.95	14.31
26 09 23 00-0258	EA		5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH).....	243.95	14.31
26 09 23 00-0259	EA		6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH).....	243.95	14.31
26 09 23 00-0260	EA		Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW).....	252.18	14.31
26 09 23 00-0261	EA		315 MHz, Wireless Photocell (Encelium TAP-17C).....	532.46	57.23
26 09 23 00-0262	EA		450 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB).....	329.80	57.23
26 09 23 00-0263	EA		1,500 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB).....	329.80	57.23
26 09 23 00-0264	EA		1,500 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB-DR).....	380.47	57.23
26 09 23 00-0265	EA		450 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB-DR).....	380.47	57.23
26 09 23 00-0266	EA		2 Button Switch, Wireless Wall Station (Encelium EN-WS-2B-ZB-WH).....	243.95	14.31
			Note: Includes white finish.		
26 09 23 00-0267	EA		3 Scene Control, Wireless, Wall Station (Encelium EN-WS-SC3-ZB-WH).....	243.95	14.31
			Note: Includes white finish.		
26 09 23 00-0268	EA		3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH).....	243.95	14.31
			Note: Includes white finish.		
26 09 23 00-0269	EA		5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH).....	243.95	14.31
			Note: Includes white finish.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 09 23 00-0270	EA	6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH) Note: Includes white finish.	243.95	14.31
26 09 23 00-0271	EA	Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW).....	252.18	14.31
26 09 23 00-0272	EA	315 MHz, Wireless Photocell (Encelium TAP-17C).....	532.46	57.23
26 09 23 00-0273	EA	Ceiling Mounted, Wireless Mounting Kit (Encelium EN-SCPPH-MK-ZB).....	143.60	57.23
26 09 23 00-0274	EA	Wireless Ethernet Transceiver Unit (cns-enocean Connectivity Kit).....	699.12	57.23
26 09 23 00-0275	Lighting Control Sensors <small>(26 09 23)</small>			
26 09 23 00-0276	EA	DALIMulti Sensor, 600 SF (Fifthlight FLT-MTS6-DALI).....	373.22	25.75
26 09 23 00-0277	EA	DALIMulti Sensor, 1,200 SF (Fifthlight FLT-MTS12-DALI).....	373.22	25.75
26 09 23 00-0278	EA	Smart Multi-sensor (LG 9SD131VVDA.ALWB000).....	326.53	25.75
26 09 23 00-0279	EA	Zigbee Dongle (LG 9CM2315VD2.AWP01U).....	97.94	17.17
26 09 23 00-0280	EA	Clip for Performance Troffer (LG BKTTR015122.BUAAWAA).....	7.67	
26 09 23 00-0281	EA	Clip for Downlight (BKTC015123.BUAAWAA).....	63.98	
26 09 23 00-0282	EA	Clip for Tube (LG BKTTU015121.BUAAWAA).....	11.07	
26 09 23 00-0283	Radio Controlled Devices (Lutron) <small>(26 09 23)</small>			
26 09 23 00-0284	Tabletop Transmitters For Radio Controlled Devices <small>(26 09 23 00-0283)</small>			
26 09 23 00-0285	Switched Lighting Controls, Tabletop Wireless Transmitter <small>(26 09 23 00-0284)</small>			
26 09 23 00-0286	EA	One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-SW-B-WH).....	494.54	17.17
26 09 23 00-0287	EA	Two Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2SW-B-WH).....	643.63	17.17
26 09 23 00-0288	EA	Three Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3SW-B-WH).....	811.36	17.17
26 09 23 00-0289	Dimmable Lighting Controls, Tabletop Wireless Transmitter <small>(26 09 23 00-0284)</small>			
26 09 23 00-0290	EA	One Zone Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L-B-WH).....	494.54	17.17
26 09 23 00-0291	EA	Two Zones Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2L-B-WH).....	587.72	17.17
26 09 23 00-0292	EA	Three Zones Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3L-B-WH).....	811.36	17.17
26 09 23 00-0293	EA	One Zone Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L-WH).....	494.54	17.17
26 09 23 00-0294	EA	Two Zones Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2L-WH).....	643.63	17.17
26 09 23 00-0295	EA	Three Zones Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3L-WH).....	811.36	17.17
26 09 23 00-0296	Dimmable And Switched Lighting Controls, Tabletop Wireless Transmitter <small>(26 09 23 00-0284)</small>			
26 09 23 00-0297	EA	One Zone Of Dimmable Lighting Controls And One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LSW-B-WH).....	643.63	17.17
26 09 23 00-0298	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LSW-B-WH).....	811.36	17.17
26 09 23 00-0299	EA	One Zone Of Dimmable Lighting Controls And Two Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2SW-B-WH).....	811.36	17.17
26 09 23 00-0300	Dimmable Lighting Controls And Shade Or Projection Controls, Tabletop Wireless Transmitter <small>(26 09 23 00-0284)</small>			
26 09 23 00-0301	EA	One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-C3-B-WH).....	494.54	17.17
26 09 23 00-0302	EA	Two Zones Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2C3-B-WH).....	643.63	17.17
26 09 23 00-0303	EA	One Zone Of Dimmable Lighting Controls And One Zone Of Output Switch Projection Screen Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LC2-B-WH).....	587.72	17.17
26 09 23 00-0304	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of Output Switch Projection Screen Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LC2-B-WH).....	718.18	17.17
26 09 23 00-0305	EA	One Zone Of Dimmable Lighting Controls And One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LC3-B-WH).....	643.63	17.17
26 09 23 00-0306	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LC3-B-WH).....	774.09	17.17
26 09 23 00-0307	EA	One Zone Of Dimmable Lighting Controls And Two Zones Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2C3-B-WH).....	643.63	17.17
26 09 23 00-0308	Dimmable Lighting Controls And Sivoia QED Shade Controls, Tabletop Wireless Transmitter <small>(26 09 23 00-0284)</small>			
26 09 23 00-0309	EA	One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-Q-B-WH).....	494.54	17.17
26 09 23 00-0310	EA	Two Zones Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2Q-B-WH).....	643.63	17.17
26 09 23 00-0311	EA	One Zone Of Dimmable Lighting Controls And One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LQ-B-WH).....	643.63	17.17
26 09 23 00-0312	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LQ-B-WH).....	811.36	17.17
26 09 23 00-0313	EA	One Zone Of Dimmable Lighting Controls And Two Zones Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2Q-B-WH).....	643.63	17.17
26 09 23 00-0314	EA	One Zone Of Dimmable Lighting Controls, One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, One Zone Of Output Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LQC2-B-WH).....	811.36	17.17
26 09 23 00-0315	Output Switch Closure Controls, Tabletop Wireless Transmitter <small>(26 09 23 00-0284)</small>			

26 Electrical**26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0316	EA		Five Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C5-WH).....	494.54	17.17
26 09 23 00-0317	EA		Nine Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C5C4-WH).....	643.63	17.17
26 09 23 00-0318	EA		Thirteen Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C52C4-WH).....	811.36	17.17
26 09 23 00-0319			Accessories For Tabletop Wireless Transmitter (26 09 23 00-0284)		
26 09 23 00-0320	EA		Security Mounting Brackets For Tabletop Wireless Transmitters (Lutron RTA-SEC-WH).....	103.17	17.17
26 09 23 00-0321			Wall Box Transmitters For Radio Controlled Devices (26 09 23 00-0283)		
26 09 23 00-0322	EA		On/Off Switched Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-2BSW-WH).....	457.27	17.17
26 09 23 00-0323	EA		Dimmable Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-2B-WH).....	494.54	17.17
26 09 23 00-0324	EA		Four Preset Lighting Level And Dimmable Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-5B-WH).....	494.54	17.17
26 09 23 00-0325	EA		Open/Stop/Close Motorized Shade Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-C3LB-WH).....	494.54	17.17
26 09 23 00-0326	EA		Up/Down Projection Screen Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-C2LB-WH).....	494.54	17.17
26 09 23 00-0327	EA		Open/Stop/Close Sivoia QED Shade Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-Q3LB-WH).....	494.54	17.17
26 09 23 00-0328			Interfaces For Radio Controlled Devices (26 09 23 00-0283)		
26 09 23 00-0329	EA		Incandescent And Magnetic Low Voltage Lighting Interface For Radio Controlled Devices (Lutron FDI-INC-2000).....	457.27	17.17
26 09 23 00-0330	EA		Lutron Tu-Wire Ballast Interface For Radio Controlled Devices (Lutron FDI-INC-2000).....	457.27	17.17
26 09 23 00-0331	EA		Electronic Low Voltage Lighting Interface For Radio Controlled Devices (Lutron FDI-ELV-1000).....	457.27	17.17
26 09 23 00-0332	EA		Sivoia QED Controllable Window Treatments Contact Closure Interface For Radio Controlled Devices (Lutron SVQ-CCI-8).....	930.64	17.17
26 09 23 00-0333	EA		RS-232 Interface For Radio Controlled Devices (Lutron RTA-RS232).....	1,333.19	17.17
26 09 23 00-0334	EA		Switch Closure Input Interface For Radio Controlled (Lutron RTA-SCI).....	1,333.19	17.17
26 09 23 00-0335			Fluorescent Controllers For Radio Controlled Devices (26 09 23 00-0283)		
26 09 23 00-0336	EA		On/Off Switched Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-SW).....	587.72	17.17
26 09 23 00-0337	EA		Dimmable Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-F).....	662.27	17.17
26 09 23 00-0338	EA		Switch Closures And Dimmable Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-F-SC).....	774.09	17.17
26 09 23 00-0339			AC Motor Group Controllers For Radio Controlled Devices (26 09 23 00-0283)		
26 09 23 00-0340	EA		Up To Two Motors, AC Motor Group Controllers For Radio Controlled Devices (Lutron WC-2M-GC).....	867.27	17.17
26 09 23 00-0341	EA		Up To Four Motors, AC Motor Group Controllers For Radio Controlled Devices (Lutron WC-4M-GC).....	1,193.42	17.17
26 09 23 00-0342			RF Wireless Technology, Switches And Dimmers (Lutron® Maestro Wireless®) (26 09 23)		
26 09 23 00-0343			RF Wireless Technology, Switches (Lutron® Maestro Wireless®) (26 09 23 00-0342)		
26 09 23 00-0344	EA		6 Amperes Lighting, 3 Amperes Fan, RF Wireless Technology, Electronic Switch (Lutron® Maestro Wireless® MRF2-6ANS).....	131.57	22.89
26 09 23 00-0345	EA		8 Amperes Lighting, 5.8 Amperes Fan, RF Wireless Technology, Spec Grade Electronic Switch (Lutron® Maestro Wireless® MRF2-8ANS-120).....	155.29	22.89
26 09 23 00-0346	EA		8 Amperes Lighting, 3 Amperes Fan, RF Wireless Technology, Spec Grade Electronic Switch (Lutron® Maestro Wireless® MRF2-8S-DV).....	243.73	22.89
26 09 23 00-0347	EA		120 Volt, Claro® Gloss Finish, RF Wireless Technology, Companion Switch (Lutron® Maestro Wireless® MA-AS).....	91.98	22.89
26 09 23 00-0348	EA		277 Volt, Claro® Gloss Finish, RF Wireless Technology, Companion Switch (Lutron® Maestro Wireless® MA-AS-277).....	112.71	22.89
26 09 23 00-0349	EA		120 Volt, Satin Colors® Satin Finish, RF Wireless Technology, Companion Switch (Lutron® Maestro Wireless® MSC-AS).....	100.68	22.89
26 09 23 00-0350	EA		277 Volt, Satin Colors® Satin Finish, RF Wireless Technology, Companion Switch (Lutron® Maestro Wireless® MSC-AS-277).....	121.83	22.89
26 09 23 00-0351			RF Wireless Technology, Dimmers (Lutron® Maestro Wireless®) (26 09 23 00-0342)		
26 09 23 00-0352	EA		600 Watt, 120 Volt, RF Wireless Technology, Incandescent Dimmer (Lutron® Maestro Wireless® MRF2-600M).....	126.09	22.89
26 09 23 00-0353	EA		600 Watt, 120 Volt, RF Wireless Technology, Magnetic Low Voltage Dimmer (Lutron® Maestro Wireless® MRF2-6MLV).....	137.04	22.89
26 09 23 00-0354	EA		600 Watt, 120 Volt, RF Wireless Technology, Spec Grade Neutral Wire Dimmer (Lutron® Maestro Wireless® MRF2-6ND-120).....	164.42	22.89
26 09 23 00-0355	EA		1,000 Watt, 120 Volt, RF Wireless Technology, Spec Grade Dimmer (Lutron® Maestro Wireless® MRF2-10D-120).....	175.86	28.62
26 09 23 00-0356	EA		600 Watt, 120 Volt, RF Wireless Technology, Electronic Low-Voltage Dimmer (Lutron® Maestro Wireless® MRF2-6ELV-120).....	218.26	22.89
26 09 23 00-0357	EA		120 Volt, Claro® Gloss Finish, RF Wireless Technology, Companion Dimmer (Lutron® Maestro Wireless® MA-R).....	70.88	22.89
26 09 23 00-0358	EA		277 Volt, Claro® Gloss Finish, RF Wireless Technology, Companion Dimmer (Lutron® Maestro Wireless® MA-R-277).....	85.94	22.89
26 09 23 00-0359	EA		120 Volt, Satin Colors® Satin Finish, RF Wireless Technology, Companion Dimmer (Lutron® Maestro Wireless® MSC-AD).....	76.37	22.89
26 09 23 00-0360	EA		277 Volt, Satin Colors® Satin Finish, RF Wireless Technology, Companion Dimmer (Lutron® Maestro Wireless® MSC-AD-277).....	91.42	22.89
26 09 23 00-0361	EA		6 Amperes, 120/277 Volt, RF Wireless Technology, 3-Wire Fluorescent Spec Grade Neutral Wire Dimmer (Lutron® Maestro Wireless® MRF2-F6AN-DV).....	244.39	40.06
26 09 23 00-0362			Removal And Reinstallation Of Occupancy Sensors (26 09 23)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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Note: Includes storage, cleaning and supply materials.					
26 09 23 00-0363	EA		Removal And Reinstallation Of Ceiling Mounted Occupancy Sensor 77.26		
Note: Includes storing and cleaning.					
26 09 23 00-0364	EA		Removal And Reinstallation Of Wall Mounted Occupancy Sensor 51.51		
Note: Includes storing and cleaning.					
26 09 23 00-0365			Occupancy Sensors (Watt Stopper) <small>(26 09 23)</small>		
Note: Includes testing of new devices and certification.					
26 09 23 00-0366			Occupancy Sensors <small>(26 09 23 00-0365)</small>		
Note: Exclude boxes.					
26 09 23 00-0367			Wall Switch Mounted Occupancy Sensors <small>(26 09 23 00-0366)</small>		
26 09 23 00-0368			Ultrasonic, Wall Switch Mounted Occupancy Sensors <small>(26 09 23 00-0367)</small>		
26 09 23 00-0369	EA		Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper UW-100)..... 124.23		11.45
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>					
			6.87		
26 09 23 00-0370	EA		Dual Relay, Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper UW-200) 146.67		11.45
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>					
			6.87		
26 09 23 00-0371			Passive Infrared, Wall Switch Mounted Occupancy Sensors <small>(26 09 23 00-0367)</small>		
26 09 23 00-0372	EA		Nightlight, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WN-100) 102.53		11.45
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>					
			6.87		
26 09 23 00-0373	EA		Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WS) 95.73		11.45
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>					
			6.87		
26 09 23 00-0374	EA		Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper PW-100) 108.43		11.45
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>					
			6.87		
26 09 23 00-0375	EA		Dual Relay, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper PW-200)..... 125.59		11.45
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>					
			6.87		
26 09 23 00-0376	EA		Dimmable, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WD) 124.18		11.45
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>					
			6.87		
26 09 23 00-0377			Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensors <small>(26 09 23 00-0367)</small>		
26 09 23 00-0378	EA		Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper DW-100)..... 180.85		11.45
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>					
			6.87		
26 09 23 00-0379	EA		Dual Relay, Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper DW-200) 195.04		11.45
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>					
			6.87		
26 09 23 00-0380			Wall Switch Mounted Occupancy Sensor Accessories <small>(26 09 23 00-0367)</small>		
26 09 23 00-0381	EA		Single Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP)..... 7.08		2.86
26 09 23 00-0382	EA		One Side Blank, Double Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP) 8.21		2.86
26 09 23 00-0383	EA		Switch Option, Double Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP) 8.21		2.86
26 09 23 00-0384			Ceiling Mounted Occupancy Sensors <small>(26 09 23 00-0366)</small>		
26 09 23 00-0385			Ultrasonic, Ceiling Mounted Occupancy Sensors <small>(26 09 23 00-0384)</small>		
26 09 23 00-0386			25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors <small>(26 09 23 00-0385)</small>		
26 09 23 00-0387	EA		500 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-500A)..... 163.85		25.75
26 09 23 00-0388	EA		1,000 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-1000A)..... 188.26		25.75
26 09 23 00-0389	EA		2,000 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-2000A)..... 212.85		25.75
26 09 23 00-0390	EA		90 LF Hallway Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-2000H) 210.63		25.75
26 09 23 00-0391			32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors <small>(26 09 23 00-0385)</small>		
26 09 23 00-0392	EA		600 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-605) 178.30		25.75
26 09 23 00-0393	EA		1,100 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-1105) 203.05		25.75
26 09 23 00-0394	EA		2,205 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2205) 226.50		25.75
26 09 23 00-0395	EA		90 LF Hallway Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2255)..... 230.47		25.75
26 09 23 00-0396	EA		600 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-600)..... 193.09		25.75
26 09 23 00-0397	EA		1,100 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-1100) 218.47		25.75
26 09 23 00-0398	EA		2,200 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2200)..... 243.74		25.75
26 09 23 00-0399	EA		90 LF Hallway Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2250) 251.02		25.75
26 09 23 00-0400			40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors <small>(26 09 23 00-0385)</small>		
26 09 23 00-0401	EA		500 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-1)..... 185.45		25.75
26 09 23 00-0402	EA		1,000 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-2)..... 215.03		25.75
26 09 23 00-0403	EA		2,000 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-3)..... 239.79		25.75
26 09 23 00-0404	EA		500 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-1)..... 174.55		25.75

26 Electrical**26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 09 23 00-0405	EA	1,000 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-2).....	211.83		25.75
26 09 23 00-0406	EA	2,000 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-3).....	223.90		25.75
26 09 23 00-0407	EA	500 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-1).....	186.99		25.75
26 09 23 00-0408	EA	1,000 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-2).....	208.45		25.75
26 09 23 00-0409	EA	2,000 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-3).....	234.95		25.75
26 09 23 00-0410		Passive Infrared, Ceiling Mounted Occupancy Sensors (26 09 23 00-0384)			
26 09 23 00-0411	EA	30 Segment, 5 Level Lens, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper WPIR).....	135.36		25.75
26 09 23 00-0412	EA	HVAC/BAS, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-12/24).....	138.24		25.75
26 09 23 00-0413	EA	Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-205).....	145.07		25.75
26 09 23 00-0414	EA	Line Voltage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-355).....	163.39		25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45		
26 09 23 00-0415	EA	Low Profile, Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-305).....	165.61		25.75
26 09 23 00-0416	EA	Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-200).....	175.19		25.75
26 09 23 00-0417	EA	Low Profile, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-300).....	190.53		25.75
26 09 23 00-0418		Passive Infrared And Ultrasonic, Ceiling Mounted Occupancy Sensors (26 09 23 00-0384)			
26 09 23 00-0419	EA	1,000 SF 360 Degree Coverage, Line Voltage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-355).....	226.29		25.75
26 09 23 00-0420	EA	1,000 SF 360 Degree Coverage, Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-300).....	258.75		25.75
26 09 23 00-0421	EA	1,000 SF 360 Degree Coverage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-305).....	219.40		25.75
26 09 23 00-0422		Ceiling/Wall Mounted Occupancy Sensors (26 09 23 00-0366)			
26 09 23 00-0423		Passive Infrared, Ceiling/Wall Mounted Occupancy Sensors (26 09 23 00-0422)			
26 09 23 00-0424	EA	120 LF Coverage, Low Temperature, Passive Infrared, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper CB-100-1/3).....	278.20		25.75
26 09 23 00-0425	EA	2,000 SF Coverage, Low Temperature, Passive Infrared, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper CB-100).....	278.20		25.75
26 09 23 00-0426		Passive Infrared And Ultrasonic, Ceiling/Wall Mounted Occupancy Sensors (26 09 23 00-0422)			
26 09 23 00-0427	EA	2,000 SF Coverage, Passive Infrared And Ultrasonic, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper DT-200).....	258.75		25.75
26 09 23 00-0428		Occupancy Sensor Power Packs (26 09 23 00-0365)			
26 09 23 00-0429		Single Voltage, Occupancy Sensor Power Packs (26 09 23 00-0428)			
26 09 23 00-0430	EA	220 To 240 Volt AC, 20 Amperes, Occupancy Sensor Power Pack (Watt Stopper B230E-P).....	91.17		22.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.74		
26 09 23 00-0431	EA	347 Volt AC, 15 Amperes, Occupancy Sensor Power Pack (Watt Stopper B347D-P).....	82.93		22.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.74		
26 09 23 00-0432		Auxiliary, Occupancy Sensor Power Packs (26 09 23 00-0428)			
26 09 23 00-0433	EA	120, 277 Or 347 Volt AC, 20 Amperes, Auxiliary Occupancy Sensor Power Pack (Watt Stopper S120/277/347E-P).....	76.14		22.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.74		
26 09 23 00-0434		Universal Voltage, Power Packs For Occupancy Sensors (26 09 23 00-0428)			
26 09 23 00-0435	EA	120/277 Volt AC, 20 Amperes, Dual Voltage, Occupancy Sensor Power Pack (Watt Stopper BZ-100).....	100.99		22.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.74		
26 09 23 00-0436		Form C, Occupancy Sensor Power Packs (26 09 23 00-0428)			
26 09 23 00-0437	EA	120 Volt AC, Form C, Occupancy Sensor Power Pack (Watt Stopper A120C-P).....	91.55		22.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.74		
26 09 23 00-0438	EA	277 Volt AC, Form C, Occupancy Sensor Power Pack (Watt Stopper A277C-P).....	91.62		22.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.74		
26 09 23 00-0439		Two Relay, Occupancy Sensor Power Packs (26 09 23 00-0428)			
26 09 23 00-0440	EA	120 Volt AC, Two Relay, Occupancy Sensor Power Pack (Watt Stopper C120E-P).....	115.44		22.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.74		
26 09 23 00-0441	EA	277 Volt AC, Two Relay, Occupancy Sensor Power Pack (Watt Stopper C277E-P).....	117.08		22.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.74		
26 09 23 00-0442		Occupancy Sensor Power Supplies (26 09 23 00-0428)			
26 09 23 00-0443	EA	120 Volt AC, Occupancy Sensor Power Supply (Watt Stopper BZ-150).....	108.82		22.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.74		
26 09 23 00-0444	EA	277 Volt AC, Occupancy Sensor Power Supply (Watt Stopper AT-277).....	236.25		22.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.74		

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26 09 23 00-0445 Intelligent, Occupancy Sensor Power Packs <small>(26 09 23 00-0428)</small>		
26 09 23 00-0446 EA 120/277 Volt AC, Two Relays, Two Dimming Channels, Intelligent Occupancy Sensor Power Pack (Watt Stopper LC-100)	312.87	22.89
26 09 23 00-0447 DIN Rail Mounted, Occupancy Sensor Power Packs <small>(26 09 23 00-0428)</small>		
26 09 23 00-0448 EA 120/230/277 Volt AC, DIN Rail Mounted, Occupancy Sensor Power Pack (Watt Stopper BD-100)	100.06	22.89
26 09 23 00-0449 Occupancy Sensor Accessories <small>(26 09 23 00-0365)</small>		
26 09 23 00-0450 Protective Cages For Occupancy Sensors <small>(26 09 23 00-0449)</small>		
26 09 23 00-0451 EA Protective Cage For Occupancy Sensors (Watt Stopper WC)	57.65	8.58
26 09 23 00-0452 Mounting Brackets For Occupancy Sensors <small>(26 09 23 00-0449)</small>		
26 09 23 00-0453 EA Mounting Bracket For Occupancy Sensor (Watt Stopper MB)	44.79	14.31
Note: Includes J-plate for mounting to HID fixtures or L-plate for mounting to fluorescent fixtures, walls, shelves and girders.		
26 09 23 00-0454 Occupancy/Lighting Logger <small>(26 09 23 00-0449)</small>		
Note: Logs when a space is occupied/vacant and when lighting is on/off.		
26 09 23 00-0455 EA Occupancy/Lighting Logger With Connector Cable (Watt Stopper IT-200)	428.57	48.65
26 09 23 00-0456 Digital Time Light Switches <small>(26 09 23 00-0365)</small>		
26 09 23 00-0457 EA Preset Time, Wall Switch Mounted, Digital Time Light Switch (Watt Stopper TS-400)	92.51	11.45
26 09 23 00-0458 Occupancy Sensors (Sensor Switch) <small>(26 09 23)</small>		
Note: Includes testing of new devices and certification.		
26 09 23 00-0459 Occupancy Sensors (Sensor Switch) <small>(26 09 23 00-0458)</small>		
Note: Exclude boxes		
26 09 23 00-0460 Wall Switch Mount Occupancy Sensors (Sensor Switch) <small>(26 09 23 00-0459)</small>		
26 09 23 00-0461 Passive Infrared, Wall Switch Mount Occupancy Sensors (Sensor Switch) <small>(26 09 23 00-0460)</small>		
26 09 23 00-0462 EA Single Pole, Low Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD LV)	209.26	11.45
26 09 23 00-0463 EA Nightlight, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD NL)	147.13	11.45
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	6.87	
26 09 23 00-0464 EA Single Pole, Line Voltage, Fully Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD)	140.30	11.45
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	6.87	
26 09 23 00-0465 EA Single Pole, Line Voltage, Semi-Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD SA)	140.30	11.45
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	6.87	
26 09 23 00-0466 EA 2-Pole, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD 2P)	178.20	11.45
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	6.87	
26 09 23 00-0467 EA Single Pole, Passive Infrared, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS)	178.20	11.45
26 09 23 00-0468 EA 2-Pole, Passive Infrared, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS 2P)	217.04	11.45
26 09 23 00-0469 EA Single Pole, Passive Infrared, Internally Powered, Wall Switch Mount Occupancy Sensor (Sensor Switch IPD)	178.20	11.45
26 09 23 00-0470 Dual Technology, Wall Switch Mount Occupancy Sensors (Sensor Switch) <small>(26 09 23 00-0460)</small>		
Note: Includes passive infrared and microphonics detection		
26 09 23 00-0471 EA Single Pole, Low Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT LV)	271.38	11.45
26 09 23 00-0472 EA Nightlight, Line Voltage, Dual Technology, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT NL)	209.26	11.45
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	6.87	
26 09 23 00-0473 EA Single Pole, Line Voltage, Fully Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT)	204.61	11.45
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	6.87	
26 09 23 00-0474 EA Single Pole, Line Voltage, Semi-Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT SA)	204.61	11.45
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	6.87	
26 09 23 00-0475 EA 2-Pole, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT 2P)	240.32	11.45
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	6.87	
26 09 23 00-0476 EA Single Pole, Dual Technology, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS PDT)	240.32	11.45
26 09 23 00-0477 EA 2-Pole, Dual Technology, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS PDT 2P)	258.96	11.45
26 09 23 00-0478 Wall Switch Mount Occupancy Sensor Accessories (Sensor Switch) <small>(26 09 23 00-0460)</small>		
26 09 23 00-0479 EA One Blank, 2-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS BPX)	18.14	2.86
26 09 23 00-0480 EA One Switch, 2-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS SPX)	18.14	2.86
26 09 23 00-0481 EA Two Blanks, 3-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS BPX 3)	36.78	2.86
26 09 23 00-0482 EA Two Switches, 3-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS SPX 3)	36.78	2.86
26 09 23 00-0483 360 Degree View Occupancy Sensors (Sensor Switch) <small>(26 09 23 00-0459)</small>		
26 09 23 00-0484 Passive Infrared, 360 Degree View Occupancy Sensors (Sensor Switch) <small>(26 09 23 00-0453)</small>		
Note: One photocell or dimming option per occupancy sensor		

26 Electrical**26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**
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26 09 23 00-0485	EA	Low Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CM 9).....	237.88	25.75
26 09 23 00-0486	EA	Low Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RM 9).....	237.88	25.75
26 09 23 00-0487	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB 9).....	237.88	25.75
26 09 23 00-0488	EA	Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 9).....	253.41	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0489	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 9).....	253.41	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0490	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 9).....	203.71	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0491	EA	2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 9 2P).....	315.53	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0492	EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 9 2P).....	315.53	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0493	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 9 2P).....	265.83	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0494	EA	Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CM 10).....	237.88	25.75
26 09 23 00-0495	EA	Low Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RM 10).....	237.88	25.75
26 09 23 00-0496	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB 10).....	237.88	25.75
26 09 23 00-0497	EA	Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 10).....	253.41	25.75
26 09 23 00-0498	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 10).....	253.41	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0499	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 10).....	203.71	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0500	EA	2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 10 2P).....	315.53	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0501	EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 10 2P).....	315.53	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0502	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 10 2P).....	265.83	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0503		Dual Technology, 360 Degree View Occupancy Sensors (Sensor Switch) ^(26 09 23 00-0483) Note: One photocell or dimming option per occupancy sensor. Includes passive infrared and microphonics detection		
26 09 23 00-0504	EA	Low Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CM PDT 9).....	300.00	25.75
26 09 23 00-0505	EA	Low Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RM PDT 9).....	300.00	25.75
26 09 23 00-0506	EA	Low Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB PDT 9).....	300.00	25.75
26 09 23 00-0507	EA	Single Pole, Line Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 9).....	284.47	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0508	EA	Single Pole, Line Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 9).....	284.47	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0509	EA	Single Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 9).....	234.77	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0510	EA	2-Pole, Line Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 9 2P).....	346.59	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0511	EA	2-Pole, Line Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 9 2P).....	346.59	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0512	EA	2-Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 9 2P).....	296.89	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0513	EA	Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CM PDT 10).....	300.00	25.75
26 09 23 00-0514	EA	Low Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RM PDT 10).....	300.00	25.75
26 09 23 00-0515	EA	Low Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB PDT 10).....	300.00	25.75
26 09 23 00-0516	EA	Single Pole, Line Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 10).....	284.47	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0517	EA	Single Pole, Line Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 10).....	284.47	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	

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26 09 23 00-0518	EA	Single Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 10).....	234.77	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	25.75
26 09 23 00-0519	EA	2-Pole, Line Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 10 2P).....	346.59	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	25.75
26 09 23 00-0520	EA	2-Pole, Line Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 10 2P).....	346.59	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	25.75
26 09 23 00-0521	EA	2-Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 10 2P).....	296.89	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	25.75
26 09 23 00-0522	Wide View And Hallway Occupancy Sensors (Sensor Switch) <small>(26 09 23 00-0459)</small>			
26 09 23 00-0523	Passive Infrared, Wide View And Hallway Occupancy Sensors (Sensor Switch) <small>(26 09 23 00-0522)</small>			
26 09 23 00-0524	EA	Low Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WV 16).....	237.88	25.75
26 09 23 00-0525	EA	Low Voltage, Passive Infrared, Wall Mount, Hallway Occupancy Sensor (Sensor Switch HW 13).....	268.94	25.75
26 09 23 00-0526	EA	Line Voltage, Passive Infrared, Wall Mount, Hallway Occupancy Sensor (Sensor Switch HWR 13).....	331.06	25.75
26 09 23 00-0527	EA	Single Pole, Line Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR 16).....	315.53	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0528	EA	2-Pole, Line Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR 16 2P).....	377.65	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0529	Dual Technology, Wide View And Hallway Occupancy Sensors (Sensor Switch) <small>(26 09 23 00-0522)</small>			
		Note: Includes passive infrared and microphonics detection		
26 09 23 00-0530	EA	Low Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WV PDT 16).....	300.00	25.75
26 09 23 00-0531	EA	Single Pole, Line Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR PDT 16).....	346.59	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0532	EA	2-Pole, Line Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR PDT 16 2P).....	408.71	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0533	High Bay Occupancy Sensors (Sensor Switch) <small>(26 09 23 00-0459)</small>			
26 09 23 00-0534	Passive Infrared, High Bay Occupancy Sensors (Sensor Switch) <small>(26 09 23 00-0533)</small>			
26 09 23 00-0535	EA	Low Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CM 6).....	237.88	25.75
26 09 23 00-0536	EA	Low Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RM 6).....	237.88	25.75
26 09 23 00-0537	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMB 6).....	237.88	25.75
26 09 23 00-0538	EA	Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6).....	203.71	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0539	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6).....	203.71	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0540	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6).....	203.71	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0541	EA	2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 2P).....	265.83	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0542	EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 2P).....	265.83	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0543	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 2P).....	265.83	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0544	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 208).....	225.45	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0545	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 208).....	225.45	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0546	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 208).....	225.45	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0547	EA	480 Volt AC, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 480).....	225.45	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0548	EA	480 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 480).....	225.45	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0549	EA	480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 480).....	225.45	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0550	EA	Low Voltage, Passive Infrared, Surface Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HM 50).....	268.94	25.75
26 09 23 00-0551	EA	Low Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RM 50).....	268.94	25.75

26 Electrical**26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 09 23 00-0552	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMB 50)	268.94	25.75
26 09 23 00-0553	EA	Single Pole, Line Voltage, Passive Infrared, Surface Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMR 50)	327.96	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0554	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50)	327.96	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0555	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50)	327.96	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0556	EA	2-Pole, Line Voltage, Recessed Mount, Passive Infrared, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 2P)	287.58	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0557	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 2P)	287.58	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0558	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 208)	240.98	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0559	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 208)	240.98	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0560	EA	480 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 480)	240.98	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0561	EA	480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 480)	240.98	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0562	EA	Low Voltage, Passive Infrared, Surface Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HM 10)	268.94	25.75
26 09 23 00-0563	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMB 10)	268.94	25.75
26 09 23 00-0564	EA	Single Pole, Line Voltage, Passive Infrared, Surface Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMR 10)	327.96	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0565	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10)	327.96	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0566	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 2P)	315.53	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0567	EA	480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 480)	284.47	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0568	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 208)	284.47	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0569		Occupancy Sensor Power Packs (Sensor Switch) (26 09 23 00-0458)		
26 09 23 00-0570	EA	Single Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Power Pack With Relay Circuit Protection (Sensor Switch PP20)	132.76	22.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.74	
26 09 23 00-0571	EA	2-Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Power Pack With Relay Circuit Protection (Sensor Switch PP20 2P)	194.88	22.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.74	
26 09 23 00-0572	EA	Single Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Power Pack Without Relay Circuit Protection (Sensor Switch MP20)	101.70	22.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.74	
26 09 23 00-0573	EA	2-Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Slave Pack Without Relay Circuit Protection (Sensor Switch MSP20)	92.38	22.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.74	
26 09 23 00-0574	EA	20 Amperes, 120/277 Volt AC, Occupancy Sensor Slave Pack (Sensor Switch SP20)	123.44	22.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.74	
26 09 23 00-0575	EA	120/277 Volt AC, High Intensity Discharge (HID) Power Pack With 20 Minute Start To High Override (Sensor Switch PP20 SH)	201.10	22.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.74	
26 09 23 00-0576	EA	120/277 Volt AC, 2-Pole, Power Pack With Alternating Relays (Sensor Switch PP 2PAR)	201.10	22.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.74	
26 09 23 00-0577	EA	120/277 Volt AC, Power Pack With Momentary Contacts For Latching Contactors Or Relays (Sensor Switch PP 2PM)	201.10	22.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.74	
26 09 23 00-0578		Daylighting Control (Sensor Switch) (26 09 23 00-0458)		
26 09 23 00-0579	EA	Low Voltage, Ceiling Mount, On-Off Switching Photocell (Sensor Switch CM PC)	206.82	25.75
26 09 23 00-0580	EA	Low Voltage, Recessed Mount, On-Off Switching Photocell (Sensor Switch RM PC)	206.82	25.75
26 09 23 00-0581	EA	Low Voltage, Fixture (Box) Mount, On-Off Switching Photocell (Sensor Switch CMB PC)	206.82	25.75
26 09 23 00-0582	EA	Line Voltage, Ceiling Mount, On-Off Switching Photocell (Sensor Switch CMR PC)	206.82	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0583	EA	Line Voltage, Recessed Mount, On-Off Switching Photocell (Sensor Switch RMR PC)	206.82	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0584	EA	Line Voltage, Fixture (Box) Mount, On-Off Switching Photocell (Sensor Switch CMRB PC)	206.82	25.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0585	EA	Low Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch CM ADC)	206.82	25.75
26 09 23 00-0586	EA	Low Voltage, Recessed Mount, Automatic Dimming Control Photocell (Sensor Switch RM ADC)	206.82	25.75
26 09 23 00-0587	EA	Low Voltage, Fixture (Box) Mount, Automatic Dimming Control Photocell (Sensor Switch CMB ADC)	206.82	25.75

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0588 EA Line Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch CMR ADC).....	206.82	25.75
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0589 EA Line Voltage, Recessed Mount, Automatic Dimming Control Photocell (Sensor Switch RMR ADC).....	206.82	25.75
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0590 EA Line Voltage, Fixture (Box) Mount, Automatic Dimming Control Photocell (Sensor Switch CMRB ADC).....	206.82	25.75
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0591 EA Low Voltage, Ceiling Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CM PC ADC).....	300.00	25.75
26 09 23 00-0592 EA Low Voltage, Recessed Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch RM PC ADC).....	300.00	25.75
26 09 23 00-0593 EA Low Voltage, Fixture (Box) Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMB PC ADC).....	300.00	25.75
26 09 23 00-0594 EA Line Voltage, Ceiling Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMR PC ADC).....	300.00	25.75
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0595 EA Line Voltage, Recessed Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch RMR PC ADC).....	300.00	25.75
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0596 EA Line Voltage, Fixture (Box) Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMRB PC ADC).....	300.00	25.75
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.45	
26 09 23 00-0597 Occupancy Sensors (Sensor Switch nLight®) <small>(26 09 23)</small>		
<i>Note: Includes testing of new devices and certification.</i>		
26 09 23 00-0598 Occupancy Sensors (Sensor Switch nLight®) <small>(26 09 23 00-0597)</small>		
<i>Note: Excludes boxes.</i>		
26 09 23 00-0599 Wall Switch Mount Occupancy Sensors (Sensor Switch nLight®) <small>(26 09 23 00-0598)</small>		
26 09 23 00-0600 Dual Technology, Wall Switch Mount Occupancy Sensors (Sensor Switch nLight®) <small>(26 09 23 00-0599)</small>		
<i>Note: Includes passive infrared and microphonics detection</i>		
26 09 23 00-0601 EA Low Voltage, Dual Technology, Wall Switch Mount Occupancy Sensor With Raise/Lower Dim Control (Sensor Switch nLight® nWSX PDT LV DX).....	326.15	11.45
26 09 23 00-0602 360 Degree View Occupancy Sensors (Sensor Switch nLight®) <small>(26 09 23 00-0598)</small>		
26 09 23 00-0603 Passive Infrared, 360 Degree View Occupancy Sensors (Sensor Switch nLight®) <small>(26 09 23 00-0602)</small>		
<i>Note: One photocell or dimming option per occupancy sensor</i>		
26 09 23 00-0604 EA Low Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM 9).....	384.75	25.75
26 09 23 00-0605 EA Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM 10).....	384.75	25.75
26 09 23 00-0606 EA Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor With Auto Dimming Control Photocell (Sensor Switch nLight® nCM 10 ADC).....	384.75	25.75
26 09 23 00-0607 Dual Technology, 360 Degree View Occupancy Sensors (Sensor Switch nLight®) <small>(26 09 23 00-0602)</small>		
<i>Note: One photocell or dimming option per occupancy sensor. Includes passive infrared and microphonics detection</i>		
26 09 23 00-0608 EA Low Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 9).....	451.40	25.75
26 09 23 00-0609 EA Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 10).....	451.40	25.75
26 09 23 00-0610 EA 2-Channel, Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 10 2P).....	468.04	25.75
26 09 23 00-0611 Wide View And Hallway Occupancy Sensors (Sensor Switch nLight®) <small>(26 09 23 00-0598)</small>		
26 09 23 00-0612 Dual Technology, Wide View And Hallway Occupancy Sensors (Sensor Switch nLight®) <small>(26 09 23 00-0611)</small>		
<i>Note: Includes passive infrared and microphonics detection</i>		
26 09 23 00-0613 EA Low Voltage, Dual Technology, Corner/Ceiling Mount, Wide View Occupancy Sensor (Sensor Switch nLight® nWV PDT 16).....	451.40	25.75
26 09 23 00-0614 High Bay Occupancy Sensors (Sensor Switch nLight®) <small>(26 09 23 00-0598)</small>		
26 09 23 00-0615 Passive Infrared, High Bay Occupancy Sensors (Sensor Switch nLight®) <small>(26 09 23 00-0614)</small>		
26 09 23 00-0616 EA Low Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch nLight® nCMB 6).....	384.75	25.75
26 09 23 00-0617 Occupancy Sensor Power Packs (Sensor Switch nLight®) <small>(26 09 23 00-0597)</small>		
26 09 23 00-0618 EA 150mA At 15 Volt DC Output, 120-277 Volt AC Input, Standard Power Supply (Sensor Switch nLight® PS-150).....	129.10	22.89
26 09 23 00-0619 EA 250mA At 15 Volt DC Output, 120-277 Volt AC Input, Standard Power Supply (Sensor Switch nLight® PS-250).....	162.45	22.89
26 09 23 00-0620 EA 30mA/Port At 15 Volt DC Output, 120-277 Volt AC Input, Dimming Power Pack (Sensor Switch nLight® nEPP5 D KO).....	219.08	22.89
26 09 23 00-0621 EA System Power Pack and Relay, Switching Module (Sensor Switch nLight® nPP 16).....	219.08	22.89
26 09 23 00-0622 Occupancy Sensor Accessories (Sensor Switch nLight®) <small>(26 09 23 00-0597)</small>		
26 09 23 00-0623 EA RS232 AV Integrator (Sensor Switch nLight® nIO X).....	468.04	25.75

26 Electrical**26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0624	EA		8 Port, Aggregation Bridge With Power Supply (Sensor Switch nLight® nBRG 8 KIT).....	374.69	25.75
26 09 23 00-0625			Daylighting Controls (Sensor Switch nLight®) (26 09 23 00-0597)		
26 09 23 00-0626	EA		Low Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch nLight® nCM ADC)	318.11	25.75
26 09 23 00-0627			Controls (Sensor Switch nLight®) (26 09 23 00-0597)		
26 09 23 00-0628	EA		On/Off And Raise/Lower Control, Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM DX).....	208.14	25.75
26 09 23 00-0629	EA		1 Scene Controller (2 Buttons), Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM 1SB).....	301.47	25.75
26 09 23 00-0630	EA		On/Off Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM).....	701.34	25.75
26 09 23 00-0631	EA		3-1/2" Screen, High Resolution Touch Screen Controller, WallPod® Station (Sensor Switch nLight® nPOD GFX)	701.34	25.75
26 09 23 00-0632	EA		3-1/2" Screen, Touch Screen Clock And Network Interface Controller, Gateway (Sensor Switch nLight® nGWY2).....	2,634.15	25.75
26 09 23 00-0633			Occupancy Sensors (Lutron) (26 09 23)		
			Note: Includes testing of new devices and certification.		
26 09 23 00-0634			Wireless Occupancy Sensors (26 09 23 00-0633)		
26 09 23 00-0635	EA		Wireless, Passive Infrared, Ceiling Mount, 360 Degree View Occupancy/Vacancy Sensor (Lutron® LRF2-OCR2B-P-WH).....	154.05	25.75
26 09 23 00-0636	EA		Wireless, Passive Infrared, Ceiling Mount, 360 Degree View Vacancy Sensor (Lutron® LRF2-VCR2B-P-WH)	160.94	25.75
26 09 23 00-0637	EA		Wireless, Passive Infrared, Hallway Wall Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OHLB-P-WH)	155.68	25.75
26 09 23 00-0638	EA		Wireless, Passive Infrared, Hallway Wall Mount, Vacancy Sensor (Lutron® LRF2-VHLB-P-WH).....	164.79	25.75
26 09 23 00-0639	EA		Wireless, Passive Infrared, 90 Degree Corner Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OKLB-P-WH)	157.72	25.75
26 09 23 00-0640	EA		Wireless, Passive Infrared, 90 Degree Corner Mount, Vacancy Sensor (Lutron® LRF2-VKLB-P-WH).....	164.79	25.75
26 09 23 00-0641	EA		Wireless, Passive Infrared, 180 Degree Wall Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OWLB-P-WH)	154.05	25.75
26 09 23 00-0642	EA		Wireless, Passive Infrared, 180 Degree Wall Mount, Vacancy Sensor (Lutron® LRF2-VWLB-P-WH).....	157.72	25.75
26 09 23 00-0643	EA		Wireless, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Lutron® FHB140NP24V).....	155.68	25.75
26 09 23 00-0644	EA		Wireless, Dual Technology, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CDT-500-WH)	241.49	25.75
26 09 23 00-0645	EA		Wireless, Dual Technology, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-500R-WH).....	257.83	25.75
26 09 23 00-0646	EA		Wireless, Dual Technology, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CDT-1000-WH)	294.60	25.75
26 09 23 00-0647	EA		Wireless, Dual Technology, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-1000R-WH).....	310.95	25.75
26 09 23 00-0648	EA		Wireless, Dual Technology, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CDT-2000-WH)	319.12	25.75
26 09 23 00-0649	EA		Wireless, Dual Technology, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-2000R-WH).....	335.46	25.75
26 09 23 00-0650	EA		Wireless, Passive Infrared, Ceiling Mount, 450 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CIR-450-WH).....	190.00	25.75
26 09 23 00-0651	EA		Wireless, Passive Infrared, Ceiling Mount, 1,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CIR-1500-WH).....	200.63	25.75
26 09 23 00-0652	EA		Wireless, Ultrasonic, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CUS-500-WH)	235.36	25.75
26 09 23 00-0653	EA		Wireless, Ultrasonic, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CUS-1000-WH)	261.92	25.75
26 09 23 00-0654	EA		Wireless, Ultrasonic, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CUS-2000-WH)	282.35	25.75
26 09 23 00-0655	EA		Wireless, Passive Infrared, 1,600 SF Coverage, 110 Degree Wall Mount, Occupancy Sensor (Lutron® LOS-WIR-WH)	243.53	25.75
26 09 23 00-0656	EA		Wireless, Passive Infrared, RF Daylight Sensor (Lutron® LRF2-DCRB-WH).....	223.69	25.75
26 09 23 00-0657	EA		Wireless, Dual Technology, Wall Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-SIR-HD-WH).....	186.76	25.75
26 09 23 00-0658	EA		Wireless, Dual Technology, Wall Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor, Dual Circuit (Lutron® LOS-S2IR-HD-WH).....	230.30	25.75
26 09 23 00-0659	EA		Wireless, Switch and Ceiling Retrofit Sensor (Lutron® MRF2-1S8A-10C)	280.02	25.75
26 09 23 00-0660	EA		Wireless, Switch and Hallway Retrofit Sensor (Lutron® MRF2-1S8A-10H).....	297.33	25.75
26 09 23 00-0661	EA		Wireless, Switch and Corner Retrofit Sensor (Lutron® MRF2-1S8A-10K)	297.33	25.75
26 09 23 00-0662	EA		Wireless, Switch and Wall Retrofit Sensor (Lutron® MRF2-1S8A-10W)	297.33	25.75
26 09 23 00-0663	EA		Wireless, Switch and Vacancy Retrofit Sensor (Lutron® MRF2-1S8A-10V).....	313.18	25.75
26 09 23 00-0664	EA		Wireless, Two Switches and Wall Retrofit Sensor (Lutron® MRF2-2S8A-10W).....	508.36	37.20
26 09 23 00-0665			Nodes And Modules (26 09 23 00-0633)		
26 09 23 00-0666	EA		0 Wired Inputs, Ceiling Mount, QS Sensor Module (Lutron® QSM2-XW-C).....	251.70	25.75
26 09 23 00-0667	EA		0 Wired Inputs, Junction Box Ceiling Mount, QS Sensor Module (Lutron® QSM2-XW-J).....	251.70	25.75
26 09 23 00-0668	EA		4 Wired Inputs, Ceiling Mount, QS Sensor Module (Lutron® QSM2-4W-C)	319.12	25.75
26 09 23 00-0669	EA		4 Wired Inputs, Junction Box Ceiling Mount, QS Sensor Module (Lutron® QSM2-4W-J)	319.12	25.75
26 09 23 00-0670	EA		120 Volt, Gang Box Mount, 3-Wire Fluorescent Power Module (Lutron® PHPM-3F-120-WH).....	408.60	28.62
26 09 23 00-0671	EA		120 Volt, Gang Box Mount, Switching Power Module (Lutron® PHPM-SW-DV-WH).....	408.60	28.62
26 09 23 00-0672	EA		120 Volt, Gang Box Mount, Phase Adaptive Power Module (Lutron® PHPM-PA-120-WH)	496.45	28.62
26 09 23 00-0673	EA		120 Volt, Gang Box Mount, Phase Adaptive Power Module With 3-Wire Fluorescent Input (Lutron® PHPM-WBX-120-WH)	508.71	28.62
26 09 23 00-0674	EA		120/277 Volt, Gang Box Mount, 3-Wire Fluorescent Power Module (Lutron® PHPM-3F-DV-WH).....	629.25	28.62
26 09 23 00-0675	EA		120/277 Volt, Gang Box Mount, Phase Adaptive Power Module (Lutron® PHPM-PA-DV-WH)	668.06	28.62
26 09 23 00-0676	EA		120/277 Volt, Gang Box Mount, Phase Adaptive Power Module With 3-Wire Fluorescent Input (Lutron® PHPM-WBX-DV-WH).....	706.88	28.62
26 09 23 00-0677	EA		1 Circuit, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-2).....	1,914.93	45.79
26 09 23 00-0678	EA		2 Circuits, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-4).....	1,880.42	51.51
26 09 23 00-0679	EA		3 Circuits, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-6).....	2,760.14	57.23

MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 09 23 00-0680	Other Accessories <small>(26 09 23 00-0633)</small>		
26 09 23 00-0681	EA Pico® Wireless Control Wallplate Adapter (Lutron® PJ).....	39.00	
26 09 23 00-0682	EA Pico® Wireless Control (Lutron® PJ).....	52.04	
26 09 23 00-0683	EA 4-Scene Wireless Remote Control (Lutron® GRX-IT-WH).....	154.44	
26 09 23 00-0684	EA 8-Scene Wireless Remote Control (Lutron® GRX-8IT-WH).....	295.40	
26 09 23 00-0685	EA 4 Button, EcoSystem® Wall Control With Raise/Lower (Lutron® CC-4BRL).....	307.33	25.75
26 09 23 00-0686	EA seeTouch® QS Wallstation (Lutron® QSWS2).....	390.13	25.75
26 09 23 00-0687	EA seeTouch® QS Wallstation With Infrared Receiver (Lutron® QSWS2).....	390.13	25.75
26 09 23 00-0688	EA 120/277 Volt, Energi Savr Node™ With Softswitch®, Fixture Controller (Lutron® QSN-4S16-S).....	641.50	28.62
26 09 23 00-0689	EA 120/277 Volt, Energi Savr Node™ For 0-10 V Models, Fixture Controller (Lutron® QSN-4T16-S).....	880.53	28.62
26 09 23 00-0690	EA Control Interface (Lutron® QSE-CI-NWK-E).....	1,060.72	25.75
26 09 23 00-0691	EA 1 EcoSystem® Digital Link, Energi Savr Node™, Digital Fixture Controller (Lutron® QSN-1ECO-S).....	1,052.57	25.75
26 09 23 00-0692	EA 2 EcoSystem® Digital Links, Energi Savr Node™, Digital Fixture Controller (Lutron® QSN-2ECO-S).....	1,410.09	25.75
26 09 23 00-0693	MLF 5 Conductor, Non-Plenum, Low Voltage Grafik Eye Cable (Lutron® GRX-CBL-346S).....	2,212.57	799.85
26 09 23 00-0694	MLF 5 Conductor, Plenum Rated, Low Voltage Grafik Eye Cable (Lutron® GRX-PCBL-346S).....	3,029.76	799.85
26 09 23 00-0695	Fixture Mounted Occupancy Sensors (Leviton) <small>(26 09 23)</small>		
	<small>Note: Includes testing of new devices and certification.</small>		
26 09 23 00-0696	EA 120-347 Volt, Passive Infrared, Fixture Mount, 360 Degree View, High Bay Occupancy Sensor (Leviton® OSFHU-ITW).....	147.51	25.75
26 09 23 00-0697	EA 480 Volt, Passive Infrared, Fixture Mount, 360 Degree View, High Bay Occupancy Sensor (Leviton® OSFHU-14W).....	128.71	25.75
26 09 23 00-0698	EA 120-347 Volt, Passive Infrared, Fixture Mount, 360 Degree View, Cold Storage Occupancy Sensor (Leviton® OSFHU-CTW).....	163.04	25.75
26 09 23 00-0699	EA 480 Volt, Passive Infrared, Fixture Mount, 360 Degree View, Cold Storage Occupancy Sensor (Leviton® OSFHU-C4W).....	128.71	25.75
26 09 23 00-0700	EA 120-347 Volt, Dual Detection Occupancy Wall Sensor Switch (Lithonia WSX-PDT).....	216.71	11.43
26 09 23 00-0701	Wireless Enabled Communication Devices For Streetlights <small>(26 09 23)</small>		
	<small>Note: Includes testing of new devices and certification.</small>		
26 09 23 00-0702	Wireless Enabled Communication Nodes For Streetlights (Roam®) <small>(26 09 23 00-0701)</small>		
26 09 23 00-0703	EA 120/244/277 Voltage, Wireless Enabled Communication Node For Streetlights (Roam® REN127 NM1).....	332.20	
26 09 23 00-0704	EA 480 Voltage, Wireless Enabled Communication Node For Streetlights (Roam® REN480 NM1).....	465.50	
26 09 23 00-0705	Wireless Enabled Communication Devices For Streetlights (Roam®) <small>(26 09 23 00-0701)</small>		
26 09 23 00-0706	EA Retrofit Receptacle Kit (Roam® DUR103).....	55.62	
	<small>Note: For adapting light fixtures for use with a NEMA locking type photocontrol.</small>		
26 09 23 00-0707	EA Wireless Enabled Backbone And Data Backhaul Device, Gateway (Roam® REG127).....	13,458.85	64.55
26 09 23 00-0708	Counter Mounted Consolets <small>(26 09 23)</small>		
26 09 23 00-0709	EA 20" x 24" Type 12, Oil Tight Consolets, Counter Mounted (Schaefer's SPCL-20C24).....	641.79	142.82
26 09 23 00-0710	Lighting Console And Stations <small>(26 09 23)</small>		
26 09 23 00-0711	EA 80 Channel, 40 Faders, Lighting Console (ETC ColorSource CS 40).....	4,720.68	142.82
	<i>For Lighting Console Dust Cover (ETC ColorSource CS40DC), Add</i>	102.55	
	<i>For Lighting Console Case (ETC ColorSourcePart 11866), Add</i>	1,093.50	
26 09 23 00-0712	EA 10 Preset, Lighting Control Station (Doug Fleenor PRE10-A2).....	3,261.91	85.70
26 09 23 00-0713	Theatre Lighting Console <small>(26 09 23)</small>		
26 09 23 00-0714	EA Theatre Lighting Console (ETC Colorsources 20).....	3,382.90	171.39
26 09 23 00-0715	Emergency Lighting Controls <small>(26 09 23)</small>		
26 09 23 00-0716	Emergency Lighting Control Units (Watt Stopper ELCU) <small>(26 09 23 00-0715)</small>		
	<small>Note: The ELCU monitors a single circuit and can be wired either as a control device, so that emergency lighting follows the control of normal lighting, or as a bypass device to shunt emergency power around a control device when normal power fails. Includes integral push-to-test button and LED indicator for emergency and normal power.</small>		
26 09 23 00-0717	EA DIN Rail Mount, Emergency Lighting Control/Bypass Shunt Unit (Watt Stopper ELCU-100).....	213.61	28.62
26 09 23 00-0718	EA 1/2" Knockout Mount, Emergency Lighting Control/Bypass Shunt Unit (Watt Stopper ELCU-200).....	213.61	28.62
26 09 23 00-0719	Emergency Shunt Relays (Lighting Control & Design GR 2001™) <small>(26 09 23 00-0715)</small>		
	<small>Note: Normally-closed, electrically-held relay to be wired in parallel with a wall switch. Manually controlled emergency lighting will be automatically shunted on during a power outage. Includes two-gang NEMA 1 junction box, voltage-separating barrier and plaster ring separating normal and emergency power. Excludes wall plate and switch.</small>		
26 09 23 00-0720	EA 1 Emergency Shunt Relay And NEMA 1 Enclosure (Lighting Control & Design GR 2001™).....	381.17	40.06
26 09 23 00-0721	EA 2 Emergency Shunt Relays And NEMA 1 Enclosure (Lighting Control & Design GR 2001™).....	521.48	45.79
26 09 23 00-0722	EA 2 Emergency Shunt Relays And NEMA 1 Enclosure (Lighting Control & Design GR 2001™ Dual).....	705.07	51.51
	<small>Note: Controls normal and emergency lighting from single-pole wall switch.</small>		
26 09 23 00-0723	Photocells <small>(26 09 23)</small>		
26 09 23 00-0724	EA Plug-In Photocell For Lighting Fixtures (Intermac® LC2000).....	90.91	

26 Electrical**26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 09 23 00-0725	EA	Wired Photozell For Lighting Fixtures (Intermac® K4021C).....	204.19	
26 09 23 00-0726		Outdoor Lighting Motion Sensors <small>(26 09 23)</small>		
26 09 23 00-0727	EA	70' Range, 180 Degree Detection Zone, 8 Amperes, Switching Capacity, Polycarbonate Housing, Outdoor Motion Sensor (Lithonia OMS 1000).....	121.91	28.62
26 09 23 00-0728	EA	70' Range, 200 Degree Detection Zone, 10 Amperes, Switching Capacity, Cast Aluminum Housing, Outdoor Motion Sensor (Lithonia OMS 2000).....	133.63	28.62
26 09 23 00-0729	EA	30' Range, 360 Degree Detection Zone, Line Voltage, Plastic Housing, IP66 Rated, Outdoor Motion Sensor With Photozell (SensorSwitch SBOR).....	568.99	28.62
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.17	
26 09 23 00-0730		Street Light Controls <small>(26 09 23)</small>		
26 09 23 00-0731		Photo Controls <small>(26 09 23 00-0730)</small>		
26 09 23 00-0732	EA	Photo Control, 120 Volt As Manufactured By Cooper Lighting #RA1014.....	95.43	
26 09 23 00-0733	EA	Photo Control, Multi-Tap As Manufactured By Cooper Lighting #RA1016.....	109.83	
26 09 23 00-0734		Connector Node <small>(26 09 23 00-0730)</small>		
26 09 23 00-0735	EA	Outdoor Lighting Connector Node (Philips City Touch LLC7260).....	513.72	3.08

26 10 Medium-Voltage Electrical Distribution (26)**26 11 Substations** (26 10)**26 11 13 Primary Unit Substations** (26 11)**26 11 13 00-0001 "Switchyard" Substation Primary Incoming Section** (26 11 13)**26 11 13 00-0002 Outdoor Oil Circuit Breakers "Switchyard"** (26 11 13 00-0001)

Note: Type SP 14.4 thru 69 KV 1200 amp. Frame mounted. Standard equipment

26 11 13 00-0003	EA	14.4 KV, 500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation.....	57,765.98	1,990.22
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,214.62	
26 11 13 00-0004	EA	23.0 KV, 750 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation.....	70,864.56	2,517.05
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,518.28	
26 11 13 00-0005	EA	34.5 KV, 1,500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation.....	80,265.07	2,517.05
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,518.28	
26 11 13 00-0006	EA	46 KV, 2,500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation.....	92,286.58	2,517.05
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,619.49	
26 11 13 00-0007	EA	69 KV, 3,500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation.....	104,702.19	3,102.40
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,868.65	
26 11 13 00-0008		Accessories For Outdoor Oil Circuit Breakers <small>(26 11 13 00-0001)</small>		
26 11 13 00-0009	EA	Reclosure Relay, Adjustable, 3 Shot, #179.....	1,588.18	208.78
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	123.62	
26 11 13 00-0010	EA	Overcurrent Relay, 1 Phase, #51/51N.....	505.53	151.37
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	82.45	
26 11 13 00-0011	EA	Directional Overcurrent Relay, Three-Phase, Device No. 67.....	756.35	151.37
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	102.74	
26 11 13 00-0012	EA	Voltage Relay, Under Or Over- Voltage, Device No. 27 Or 59, Three-Phase.....	598.26	151.37
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	82.45	
26 11 13 00-0013	EA	Differential Relay Package, Complete, Device No. 87.....	2,238.05	511.51
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	308.86	
26 11 13 00-0014		"Switchyard", Substation Transformer Section <small>(26 11 13)</small>		
		Note: Standard NEMA design two winding three phase, 60 Hz. oil filled load tap changer 10% Range		
26 11 13 00-0015		14.4 KV Nominal Primary <small>(26 11 13 00-0014)</small>		
26 11 13 00-0016	EA	1,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled.....	33,309.02	1,990.22
		<i>For 50 Hz Operation, Add</i>	3,511.23	
		<i>For Forced Air Cooling, Add</i>	3,511.23	
		<i>For External Control Panel, Add</i>	877.81	
		<i>For Internally Mounted Current Transformers And Linear Couplers, Add</i>	292.60	
		<i>For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add</i>	1,463.01	
		<i>For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add</i>	3,657.54	
		<i>For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add</i>	4,389.04	
26 11 13 00-0017	EA	2,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled.....	38,094.56	2,493.63
		<i>For 50 Hz Operation, Add</i>	3,964.04	
		<i>For Forced Air Cooling, Add</i>	3,964.04	
		<i>For External Control Panel, Add</i>	991.01	
		<i>For Internally Mounted Current Transformers And Linear Couplers, Add</i>	330.34	
		<i>For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add</i>	1,651.68	
		<i>For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add</i>	4,129.21	
		<i>For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add</i>	4,955.05	
26 11 13 00-0018	EA	5,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled.....	58,599.70	3,512.15
		<i>For 50 Hz Operation, Add</i>	6,168.23	
		<i>For Forced Air Cooling, Add</i>	6,168.23	
		<i>For External Control Panel, Add</i>	1,542.06	
		<i>For Internally Mounted Current Transformers And Linear Couplers, Add</i>	514.02	
		<i>For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add</i>	2,570.10	
		<i>For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add</i>	6,425.24	
		<i>For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add</i>	7,710.29	

MINOR	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 11 13 00-0019	EA	7,500 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	84,968.77	4,252.66
		For 50 Hz Operation, Add	9,095.56	
		For Forced Air Cooling, Add	9,095.56	
		For External Control Panel, Add	2,273.89	
		For Internally Mounted Current Transformers And Linear Couplers, Add	757.96	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	3,789.82	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	9,474.54	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	11,369.45	
26 11 13 00-0020	EA	10,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	104,686.39	5,503.45
		For 50 Hz Operation, Add	11,186.50	
		For Forced Air Cooling, Add	11,186.50	
		For External Control Panel, Add	2,796.63	
		For Internally Mounted Current Transformers And Linear Couplers, Add	932.21	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	4,661.04	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	11,652.61	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	13,983.13	
26 11 13 00-0021		23 KV Nominal Primary (26 11 13 00-0014)		
26 11 13 00-0022	EA	1,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	37,247.98	2,692.65
		For 50 Hz Operation, Add	3,862.45	
		For External Control Panel, Add	965.61	
		For Internally Mounted Current Transformers And Linear Couplers, Add	321.87	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	1,609.35	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	4,023.38	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	4,828.06	
		For Forced Air Cooling, Add	2,574.96	
26 11 13 00-0023	EA	2,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	42,533.48	2,692.65
		For 50 Hz Operation, Add	4,370.66	
		For External Control Panel, Add	1,092.67	
		For Internally Mounted Current Transformers And Linear Couplers, Add	364.22	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	1,821.11	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	4,552.77	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	5,463.33	
		For Forced Air Cooling, Add	2,913.77	
26 11 13 00-0024	EA	5,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	68,211.67	3,980.44
		For 50 Hz Operation, Add	7,213.70	
		For External Control Panel, Add	1,803.43	
		For Internally Mounted Current Transformers And Linear Couplers, Add	601.14	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	3,005.71	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	7,514.28	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	9,017.13	
		For Forced Air Cooling, Add	4,809.14	
26 11 13 00-0025	EA	7,500 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	91,618.03	5,503.45
		For 50 Hz Operation, Add	9,618.30	
		For External Control Panel, Add	2,404.58	
		For Internally Mounted Current Transformers And Linear Couplers, Add	801.53	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	4,007.63	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	10,019.06	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	12,022.88	
		For Forced Air Cooling, Add	6,412.20	
26 11 13 00-0026	EA	10,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	113,398.65	5,503.45
		For 50 Hz Operation, Add	12,231.98	
		For External Control Panel, Add	3,057.99	
		For Internally Mounted Current Transformers And Linear Couplers, Add	1,019.33	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	5,096.66	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	12,741.64	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	15,289.97	
		For Forced Air Cooling, Add	8,154.65	
26 11 13 00-0027		34.5 KV Nominal Primary (26 11 13 00-0014)		
26 11 13 00-0028	EA	1,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	46,768.60	3,219.48
		For 50 Hz Operation, Add	4,878.88	
		For External Control Panel, Add	1,219.72	
		For Internally Mounted Current Transformers And Linear Couplers, Add	406.57	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	2,032.87	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	5,082.16	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	6,098.60	
		For Forced Air Cooling, Add	3,252.58	
26 11 13 00-0029	EA	2,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	56,488.86	5,034.08
		For 50 Hz Operation, Add	5,895.30	
		For External Control Panel, Add	1,473.83	
		For Internally Mounted Current Transformers And Linear Couplers, Add	491.28	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	2,456.38	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	6,140.94	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	7,369.13	
		For Forced Air Cooling, Add	3,930.20	
26 11 13 00-0030	EA	5,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	78,077.50	5,034.08
		For 50 Hz Operation, Add	8,154.68	
		For External Control Panel, Add	2,038.67	
		For Internally Mounted Current Transformers And Linear Couplers, Add	679.56	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	3,397.78	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	8,494.46	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	10,193.35	
		For Forced Air Cooling, Add	5,436.45	

26 Electrical
26 10 Medium-Voltage Electrical Distribution
26 11 Substations



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 11 13 00-0031	EA 7,500 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	100,330.22 10,663.76 2,665.94 888.65 4,443.24 11,108.09 13,329.71 7,109.18	5,378.37
26 11 13 00-0032	EA 10,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	173,238.58 19,027.53 4,756.88 1,585.63 7,928.14 19,820.34 23,784.41 12,685.02	6,879.31
26 11 13 00-0033 46 KV Nominal Primary (26 11 13 00-0014)			
26 11 13 00-0034	EA 1,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	71,678.69 7,718.08 1,929.52 643.17 3,215.87 8,039.67 9,647.60 5,145.39	3,746.29
26 11 13 00-0035	EA 2,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	81,015.05 8,750.11 2,187.53 729.18 3,645.88 9,114.70 10,937.64 5,833.41	3,746.29
26 11 13 00-0036	EA 5,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	112,203.37 12,249.78 3,062.45 1,020.82 5,104.08 12,760.19 15,312.23 8,166.52	5,034.08
26 11 13 00-0037	EA 7,500 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	137,338.80 14,719.55 3,679.89 1,226.63 6,133.15 15,332.87 18,399.44 9,813.04	6,879.31
26 11 13 00-0038	EA 10,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	195,073.15 21,647.67 5,411.92 1,803.97 9,019.86 22,549.66 27,059.59 14,431.78	6,879.31
26 11 13 00-0039 69 KV Nominal Primary (26 11 13 00-0014)			
26 11 13 00-0040	EA 1,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	103,129.90 11,403.89 2,850.97 950.32 4,751.62 11,879.05 14,254.86 7,602.59	3,980.44
26 11 13 00-0041	EA 2,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	118,465.06 13,001.19 3,250.30 1,083.43 5,417.16 13,542.90 16,251.48 8,667.46	5,034.08
26 11 13 00-0042	EA 5,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	162,728.82 18,312.84 4,578.21 1,526.07 7,630.35 19,075.87 22,891.05 12,208.56	5,034.08

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 11 13 00-0043	EA 7,500 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled <i>For 50 Hz Operation, Add</i> <i>For External Control Panel, Add</i> <i>For Internally Mounted Current Transformers And Linear Couplers, Add</i> <i>For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add</i> <i>For Forced Air Cooling, Add</i>	172,605.08 18,951.51 4,737.88 1,579.29 7,896.46 19,741.15 23,689.38 12,634.34	6,879.31
26 11 13 00-0044	EA 10,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled <i>For 50 Hz Operation, Add</i> <i>For External Control Panel, Add</i> <i>For Internally Mounted Current Transformers And Linear Couplers, Add</i> <i>For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add</i> <i>For Forced Air Cooling, Add</i>	225,918.76 25,349.15 6,337.29 2,112.43 10,562.15 26,405.36 31,686.44 16,899.43	6,879.31
26 11 13 00-0045	Circuit Breakers Fluarc SF6 13.8 KV <small>(26 11 13)</small>		
26 11 13 00-0046	EA 1,200 Amperes, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	61,780.48	987.08
26 11 13 00-0047	EA 1,200 Amperes, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	67,825.39	987.08
26 11 13 00-0048	EA 1,200 Amperes, 1,000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	77,227.40	1,226.12
26 11 13 00-0049	EA 2,000 Amperes, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	72,235.40	1,474.35
26 11 13 00-0050	EA 2,000 Amperes, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	81,367.51	1,474.35
26 11 13 00-0051	EA 2,000 Amperes, 1,000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	92,830.13	1,712.87
26 11 13 00-0052	EA 3,000 Amperes, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	95,710.16	1,956.95
26 11 13 00-0053	EA 3,000 Amperes, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	107,080.16	1,956.95
26 11 13 00-0054	EA 3,000 Amperes, 1,000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	112,243.83	2,197.68
26 11 16	Secondary Unit Substations <small>(26 11)</small>		
26 11 16 11	Secondary Unit Substations with Switchgear Secondary <small>(26 11 16)</small>		
26 11 16 11-0001	Substation Primary Incoming Section <small>(26 11 16 11)</small>		
26 11 16 11-0002	Manual Transferring Fused Load Break Switches <small>(26 11 16 11-0001)</small> Note: 15 KV 600 Amp 3 pole 2 position floor mounted. Type, metal compartment includes weatherproofing, fuses, transformer throat, pothead terminations thru 500 MCM, with surge protection. Manual transferring of one line to an alternate incoming line.		
26 11 16 11-0003	EA 112.5 Thru 1,500 KVA Transformers Load Switch, 600 Amperes, 3 Pole, 2 Position	38,821.61	1,449.50
26 11 16 11-0004	EA 2,000 And 2,500 KVA Transformers Load Switch, 600 Amperes, 3 Pole, 2 Position	44,829.27	1,449.50
26 11 16 11-0005	Automatic Transferring Fused Load Break Switches <small>(26 11 16 11-0001)</small> Note: Items are equipped with 3 pole - 2 position selector switch for automatic transferring one line to an alternate incoming line.		
26 11 16 11-0006	EA 112.5 Thru 1,500 KVA Transformers Load Switch, 600 Amperes, 3 Pole, 2 Position Selector Switch	54,943.48	1,449.50
26 11 16 11-0007	EA 2,000 And 2,500 KVA Transformers Load Switch, 600 Amperes, 3 Pole, 2 Position Selector Switch	58,853.31	1,449.50
26 11 16 11-0008	Accessories For Substation Fused Load Break Switches <small>(26 11 16 11-0001)</small>		
26 11 16 11-0009	EA Primary Lightning Arrestors Accessories, Secondary Distribution Section	16,678.09	
26 11 16 11-0010	EA Key Interlock Accessories, Secondary Distribution Section	1,623.39	
26 11 16 11-0011	Oil Filled Substation Transformers <small>(26 11 16 11)</small> Note: 112-1/2 KVA thru 2500 KVA standard NEMA design 3 phase cover mounted manual tap changer, liquid level gauge with alarm contacts, thermometer with alarm contacts, pressure vacuum gauge, automatic control for auxiliary cooling equipment. Weatherproof.		
26 11 16 11-0012	Substation, Primary 13.8 KV Secondary 480Y/277 Or 480 Volt, 60 HZ <small>(26 11 16 11-0011)</small>		
26 11 16 11-0013	EA 75 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof <i>For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i> <i>For Control Power Transformer On Fans And Auxiliary, Add</i> <i>For Internal Mounted Current Transformer And Linear Coupler, Add</i>	29,330.41 1,930.20 827.23 275.74	878.04
26 11 16 11-0014	EA 112.5 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof <i>For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i> <i>For Control Power Transformer On Fans And Auxiliary, Add</i> <i>For Internal Mounted Current Transformer And Linear Coupler, Add</i>	43,293.21 2,883.01 1,235.58 411.86	1,053.65
26 11 16 11-0015	EA 150 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof <i>For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i> <i>For Control Power Transformer On Fans And Auxiliary, Add</i> <i>For Internal Mounted Current Transformer And Linear Coupler, Add</i>	49,020.85 3,267.56 1,400.38 466.79	1,170.72
26 11 16 11-0016	EA 225 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof <i>For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i> <i>For Control Power Transformer On Fans And Auxiliary, Add</i> <i>For Internal Mounted Current Transformer And Linear Coupler, Add</i>	57,933.25 3,850.45 1,650.19 550.06	1,463.40
26 11 16 11-0017	EA 300 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof <i>For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i> <i>For Control Power Transformer On Fans And Auxiliary, Add</i> <i>For Internal Mounted Current Transformer And Linear Coupler, Add</i>	64,420.19 4,255.37 1,823.73 607.91	1,814.62
26 11 16 11-0018	EA 500 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof <i>For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i> <i>For Control Power Transformer On Fans And Auxiliary, Add</i> <i>For Internal Mounted Current Transformer And Linear Coupler, Add</i>	68,621.04 4,492.06 1,925.17 641.72	2,224.36

26 Electrical
26 10 Medium-Voltage Electrical Distribution
26 11 Substations

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 11-0019	EA		750 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add For Control Power Transformer On Fans And Auxiliary, Add For Internal Mounted Current Transformer And Linear Coupler, Add	80,231.66 5,239.25 2,245.39 748.46	2,692.65
26 11 16 11-0020	EA		1,000 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add For Control Power Transformer On Fans And Auxiliary, Add For Internal Mounted Current Transformer And Linear Coupler, Add	85,432.73 5,570.54 2,387.37 795.79	2,926.79
26 11 16 11-0021	EA		1,500 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add For Control Power Transformer On Fans And Auxiliary, Add For Internal Mounted Current Transformer And Linear Coupler, Add	95,514.29 6,235.27 2,672.26 890.75	3,219.48
26 11 16 11-0022	EA		2,000 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add For Control Power Transformer On Fans And Auxiliary, Add For Internal Mounted Current Transformer And Linear Coupler, Add	110,609.07 7,242.74 3,104.03 1,034.68	3,570.69
26 11 16 11-0023	EA		2,500 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add For Control Power Transformer On Fans And Auxiliary, Add For Internal Mounted Current Transformer And Linear Coupler, Add	121,484.35 7,958.94 3,410.97 1,136.99	3,892.64
26 11 16 11-0024			Substation, Primary 13.8 KV Secondary 208Y/120 Volt, 60 HZ (26 11 16 11-0011)		
26 11 16 11-0025	EA		75 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add For Control Power Transformer On Fans And Auxiliary, Add For Internal Mounted Current Transformer And Linear Coupler, Add	27,954.77 1,833.91 785.96 261.99	878.04
26 11 16 11-0026	EA		112.5 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add For Control Power Transformer On Fans And Auxiliary, Add For Internal Mounted Current Transformer And Linear Coupler, Add	42,495.94 2,851.79 1,222.20 407.40	878.04
26 11 16 11-0027	EA		150 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add For Control Power Transformer On Fans And Auxiliary, Add For Internal Mounted Current Transformer And Linear Coupler, Add	48,990.41 3,265.43 1,399.47 466.49	1,170.72
26 11 16 11-0028	EA		225 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add For Control Power Transformer On Fans And Auxiliary, Add For Internal Mounted Current Transformer And Linear Coupler, Add	57,985.63 3,854.12 1,651.77 550.59	1,463.40
26 11 16 11-0029	EA		300 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add For Control Power Transformer On Fans And Auxiliary, Add For Internal Mounted Current Transformer And Linear Coupler, Add	69,765.63 4,629.55 1,984.09 661.36	1,814.62
26 11 16 11-0030	EA		500 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add For Control Power Transformer On Fans And Auxiliary, Add For Internal Mounted Current Transformer And Linear Coupler, Add	75,277.07 4,957.98 2,124.85 708.28	2,224.36
26 11 16 11-0031	EA		750 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add For Control Power Transformer On Fans And Auxiliary, Add For Internal Mounted Current Transformer And Linear Coupler, Add	83,305.16 5,454.39 2,337.60 779.20	2,692.65
26 11 16 11-0032	EA		1,000 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add For Control Power Transformer On Fans And Auxiliary, Add For Internal Mounted Current Transformer And Linear Coupler, Add	90,727.11 5,941.15 2,546.21 848.74	2,926.79
26 11 16 11-0033	EA		1,500 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add For Control Power Transformer On Fans And Auxiliary, Add For Internal Mounted Current Transformer And Linear Coupler, Add	102,360.74 6,714.53 2,877.65 959.22	3,219.48
26 11 16 11-0034			Accessories For Oil Filled Substation Transformers (26 11 16 11-0011)		
26 11 16 11-0035	EA		Sudden Pressure Relay	8,357.67	
26 11 16 11-0036	EA		Throats Or Flanges (HV Or LV)	16,592.82	
26 11 16 11-0037	EA		Lightning Arrestors (3 - 1 Pole).....	10,925.73	
26 11 16 11-0038	EA		Single Feeder Switch With Fuses 3 Pole, 2 Position, Open-Close Close) Fuse Type - CLE (80E To 125 X).....	60,632.32	
26 11 16 11-0039	EA		Oil Fuse Cutout, 15 KV, 200 Amperes, Free Standing Air Filled Terminal Compartment, 15 KV - 200 Amp Cutout	56,727.58	
26 11 16 11-0040			Reinforced Concrete Curb With 6" Slab (26 11 16 11-0011)		
			Note: For transformer liquid containment area.		
26 11 16 11-0041	EA		112.5 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	6,775.16	1,255.62
26 11 16 11-0042	EA		150 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	6,775.16	1,255.62
26 11 16 11-0043	EA		225 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	6,775.16	1,255.62
26 11 16 11-0044	EA		300 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	6,775.16	1,255.62
26 11 16 11-0045	EA		500 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	6,775.16	1,255.62
26 11 16 11-0046	EA		750 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	6,775.16	1,255.62
26 11 16 11-0047	EA		1,000 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	6,775.16	1,255.62
26 11 16 11-0048	EA		1,500 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	8,244.96	1,447.76
26 11 16 11-0049			Dry Type Substation Transformer (26 11 16 11)		
			Note: Standard NEMA design 3 phase - 150 C rise - 60 Hz self-cooled, ventilated.		
26 11 16 11-0050			Primary 4.16 Or 4.8 KV Secondary 208 Y/120 Or 240 Volt (26 11 16 11-0049)		
			Note: Primary 4.160 or 4.8 KV (delta or wye).		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 11 16 11-0051	EA 112.5 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer <i>For Gas Filled Transformers, Add</i> <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i>	51,647.06 29,864.35 -1,244.35 11,137.58	936.57
26 11 16 11-0052	EA 150 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer <i>For Gas Filled Transformers, Add</i> <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i>	51,764.13 29,864.35 -1,244.35 11,149.28	995.11
26 11 16 11-0053	EA 225 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer <i>For Gas Filled Transformers, Add</i> <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i>	52,763.67 30,253.34 -1,260.56 11,327.04	1,170.72
26 11 16 11-0054	EA 300 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer <i>For Gas Filled Transformers, Add</i> <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i>	58,240.67 33,399.05 -1,391.63 12,503.88	1,287.79
26 11 16 11-0055	EA 500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer <i>For Gas Filled Transformers, Add</i> <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i>	64,569.51 36,915.39 -1,538.14 13,840.03	1,521.93
26 11 16 11-0056	EA 750 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer <i>For Gas Filled Transformers, Add</i> <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i>	74,813.91 42,781.06 -1,782.54 16,037.60	1,756.08
26 11 16 11-0057	EA 1,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer <i>For Gas Filled Transformers, Add</i> <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i>	86,808.63 49,556.43 -2,064.85 18,592.15	2,107.29
26 11 16 11-0058	EA 1,500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer <i>For Gas Filled Transformers, Add</i> <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i>	102,724.70 58,825.10 -2,451.05 22,037.49	2,341.43
26 11 16 11-0059	EA 2,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer <i>For Gas Filled Transformers, Add</i> <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i>	133,563.41 77,187.84 -3,216.16 28,793.91	2,458.51

26 11 16 11-0060 Primary 4.16 Or 4.8 KV Secondary 480 Y/277 Or 480 Volt (26 11 16 11-0049)

Note: Primary 4.16 or 4.8 KV (delta or wye).			
26 11 16 11-0061	EA 112.5 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer <i>For Gas Filled Transformers, Add</i> <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i>	49,880.72 28,804.54 -1,200.19 10,748.98	936.57
26 11 16 11-0062	EA 150 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer <i>For Gas Filled Transformers, Add</i> <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i>	51,764.13 29,864.35 -1,244.35 11,149.28	995.11
26 11 16 11-0063	EA 225 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer <i>For Gas Filled Transformers, Add</i> <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i>	52,763.67 30,253.34 -1,260.56 11,327.04	1,170.72
26 11 16 11-0064	EA 300 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer <i>For Gas Filled Transformers, Add</i> <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i>	58,240.67 33,399.05 -1,391.63 12,503.88	1,287.79
26 11 16 11-0065	EA 500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer <i>For Gas Filled Transformers, Add</i> <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i>	64,569.51 36,915.39 -1,538.14 13,840.03	1,521.93
26 11 16 11-0066	EA 750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer <i>For Gas Filled Transformers, Add</i> <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i>	74,813.91 42,781.06 -1,782.54 16,037.60	1,756.08
26 11 16 11-0067	EA 1,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer <i>For Gas Filled Transformers, Add</i> <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i>	86,808.63 49,556.43 -2,064.85 18,592.15	2,107.29
26 11 16 11-0068	EA 1,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer <i>For Gas Filled Transformers, Add</i> <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i>	102,724.70 58,825.10 -2,451.05 22,037.49	2,341.43
26 11 16 11-0069	EA 2,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer <i>For Gas Filled Transformers, Add</i> <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i>	133,563.41 77,187.84 -3,216.16 28,793.91	2,458.51
26 11 16 11-0070	EA 2,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer <i>For Gas Filled Transformers, Add</i> <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i>	146,692.82 84,925.00 -3,538.54 31,654.28	2,575.58
26 11 16 11-0071	EA 3,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer <i>For Gas Filled Transformers, Add</i> <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i>	163,860.31 95,085.01 -3,961.88 35,403.03	2,692.65
26 11 16 11-0072	EA 3,750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer <i>For Gas Filled Transformers, Add</i> <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i>	189,088.61 110,081.50 -4,586.73 40,925.16	2,809.72

26 Electrical
26 10 Medium-Voltage Electrical Distribution
26 11 Substations

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 11-0073			Primary 13.8 KV (Delta Or Wye) Secondary 208 Y/120 Or 240 Volt <small>(26 11 16 11-0049)</small>		
26 11 16 11-0074	EA		112.5 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	55,536.39	1,053.65
			<i>For Gas Filled Transformers, Add</i>	32,057.46	
			<i>For Single Phase Transformers, Deduct</i>	-1,335.73	
			<i>For Dry Type Unit, Add</i>	11,965.13	
26 11 16 11-0075	EA		150 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	57,409.58	1,112.19
			<i>For Gas Filled Transformers, Add</i>	33,111.13	
			<i>For Single Phase Transformers, Deduct</i>	-1,379.63	
			<i>For Dry Type Unit, Add</i>	12,363.18	
26 11 16 11-0076	EA		225 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	61,359.84	1,287.79
			<i>For Gas Filled Transformers, Add</i>	35,270.56	
			<i>For Single Phase Transformers, Deduct</i>	-1,469.61	
			<i>For Dry Type Unit, Add</i>	13,190.10	
26 11 16 11-0077	EA		300 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	64,759.09	1,404.86
			<i>For Gas Filled Transformers, Add</i>	37,169.62	
			<i>For Single Phase Transformers, Deduct</i>	-1,548.73	
			<i>For Dry Type Unit, Add</i>	13,909.83	
26 11 16 11-0078	EA		500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	73,824.23	1,639.00
			<i>For Gas Filled Transformers, Add</i>	42,327.73	
			<i>For Single Phase Transformers, Deduct</i>	-1,763.66	
			<i>For Dry Type Unit, Add</i>	15,847.97	
26 11 16 11-0079	EA		750 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	81,781.57	1,873.15
			<i>For Gas Filled Transformers, Add</i>	46,821.17	
			<i>For Single Phase Transformers, Deduct</i>	-1,950.88	
			<i>For Dry Type Unit, Add</i>	17,542.39	
26 11 16 11-0080	EA		1,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	95,476.26	2,224.36
			<i>For Gas Filled Transformers, Add</i>	54,616.52	
			<i>For Single Phase Transformers, Deduct</i>	-2,275.69	
			<i>For Dry Type Unit, Add</i>	20,470.93	
26 11 16 11-0081	EA		1,500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	115,828.59	2,458.51
			<i>For Gas Filled Transformers, Add</i>	66,546.95	
			<i>For Single Phase Transformers, Deduct</i>	-2,772.79	
			<i>For Dry Type Unit, Add</i>	24,892.25	
26 11 16 11-0082	EA		2,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	140,219.66	2,575.58
			<i>For Gas Filled Transformers, Add</i>	81,041.11	
			<i>For Single Phase Transformers, Deduct</i>	-3,376.71	
			<i>For Dry Type Unit, Add</i>	30,230.19	
26 11 16 11-0083			Primary 13.8 KV (Delta Or Wye) Secondary 480 Y/277 Or 480 Volt <small>(26 11 16 11-0049)</small>		
26 11 16 11-0084	EA		112.5 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	55,536.39	1,053.65
			<i>For Gas Filled Transformers, Add</i>	32,057.46	
			<i>For Single Phase Transformers, Deduct</i>	-1,335.73	
			<i>For Dry Type Unit, Add</i>	11,965.13	
26 11 16 11-0085	EA		150 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	57,409.58	1,112.19
			<i>For Gas Filled Transformers, Add</i>	33,111.13	
			<i>For Single Phase Transformers, Deduct</i>	-1,379.63	
			<i>For Dry Type Unit, Add</i>	12,363.18	
26 11 16 11-0086	EA		225 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	61,359.84	1,287.79
			<i>For Gas Filled Transformers, Add</i>	35,270.56	
			<i>For Single Phase Transformers, Deduct</i>	-1,469.61	
			<i>For Dry Type Unit, Add</i>	13,190.10	
26 11 16 11-0087	EA		300 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	64,759.09	1,404.86
			<i>For Gas Filled Transformers, Add</i>	37,169.62	
			<i>For Single Phase Transformers, Deduct</i>	-1,548.73	
			<i>For Dry Type Unit, Add</i>	13,909.83	
26 11 16 11-0088	EA		500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	73,824.23	1,639.00
			<i>For Gas Filled Transformers, Add</i>	42,327.73	
			<i>For Single Phase Transformers, Deduct</i>	-1,763.66	
			<i>For Dry Type Unit, Add</i>	15,847.97	
26 11 16 11-0089	EA		750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	71,571.53	1,873.15
			<i>For Gas Filled Transformers, Add</i>	40,695.14	
			<i>For Single Phase Transformers, Deduct</i>	-1,695.63	
			<i>For Dry Type Unit, Add</i>	15,296.18	
26 11 16 11-0090	EA		1,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	74,500.88	2,224.36
			<i>For Gas Filled Transformers, Add</i>	42,031.30	
			<i>For Single Phase Transformers, Deduct</i>	-1,751.30	
			<i>For Dry Type Unit, Add</i>	15,856.35	
26 11 16 11-0091	EA		1,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	91,796.82	2,458.51
			<i>For Gas Filled Transformers, Add</i>	52,127.89	
			<i>For Single Phase Transformers, Deduct</i>	-2,172.00	
			<i>For Dry Type Unit, Add</i>	19,605.26	
26 11 16 11-0092	EA		2,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	109,071.31	2,575.58
			<i>For Gas Filled Transformers, Add</i>	62,352.10	
			<i>For Single Phase Transformers, Deduct</i>	-2,598.00	
			<i>For Dry Type Unit, Add</i>	23,377.55	
26 11 16 11-0093	EA		2,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	122,044.37	2,692.65
			<i>For Gas Filled Transformers, Add</i>	69,995.44	
			<i>For Single Phase Transformers, Deduct</i>	-2,916.48	
			<i>For Dry Type Unit, Add</i>	26,203.53	
26 11 16 11-0094	EA		3,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	143,502.14	2,809.72
			<i>For Gas Filled Transformers, Add</i>	82,729.62	
			<i>For Single Phase Transformers, Deduct</i>	-3,447.07	
			<i>For Dry Type Unit, Add</i>	30,896.14	
26 11 16 11-0095	EA		3,750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	176,304.39	2,926.79
			<i>For Gas Filled Transformers, Add</i>	102,270.49	
			<i>For Single Phase Transformers, Deduct</i>	-4,261.27	
			<i>For Dry Type Unit, Add</i>	38,084.54	

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 12 Medium-Voltage Transformers (26 10)

26 12 13 Liquid-Filled, Medium-Voltage Transformers (26 12)

26 12 13 00-0001 Single Phase Oil Filled Distribution Transformers (26 12 13)
Note: Self-protected type, CSP, external secondary breaker handle, external tap changer.

26 12 13 00-0002 Primary 4.16/4.8 KV Ground Y Secondary 120/240 Volt, 4-2.5 Percent Taps FCBN, Class A, 95 KV BIL. Rated To 5 KVA (26 12 13 00-0001)

26 12 13 00-0003	EA	10 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	6,675.20	486.83
26 12 13 00-0004	EA	15 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	7,988.48	608.53
26 12 13 00-0005	EA	25 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	9,266.89	730.24
26 12 13 00-0006	EA	37.5 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	12,023.41	912.79
26 12 13 00-0007	EA	50 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	14,260.90	1,095.36
26 12 13 00-0008	EA	75 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	20,003.02	1,277.92
26 12 13 00-0009	EA	100 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	23,686.85	1,521.33

26 12 13 00-0010 Primary 4.16/4.8 KV Ground Y Secondary 120/240 Volt, 2-2.5 Percent Taps FCAN And FCBN. Rated To 5 KVA (26 12 13 00-0001)

26 12 13 00-0011	EA	10 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	6,675.20	486.83
26 12 13 00-0012	EA	15 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	8,145.05	608.53
26 12 13 00-0013	EA	25 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	9,266.89	730.24
26 12 13 00-0014	EA	37.5 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	12,023.41	912.79
26 12 13 00-0015	EA	50 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	14,260.90	1,095.36
26 12 13 00-0016	EA	75 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	18,393.73	1,277.92
26 12 13 00-0017	EA	100 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	22,869.63	1,521.33

26 12 13 00-0018 Primary 13.8/14.4 KV Ground Y Secondary 120/240V 2-2.5 Percent Taps FCBN And FCAN (26 12 13 00-0001)

26 12 13 00-0019	EA	10 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	6,492.55	486.83
26 12 13 00-0020	EA	15 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	7,492.69	608.53
26 12 13 00-0021	EA	25 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	8,776.56	730.24
26 12 13 00-0022	EA	37.5 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	11,910.25	912.79
26 12 13 00-0023	EA	50 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	13,783.14	1,095.36
26 12 13 00-0024	EA	75 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	18,695.47	1,277.92
26 12 13 00-0025	EA	100 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	22,945.07	1,521.33

26 12 13 00-0026 Primary 13.8/14.4 KV Ground Y Secondary 240/480 Volt, 2-2.5 Percent Taps FCBN And FCAN (26 12 13 00-0001)

26 12 13 00-0027	EA	10 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	7,340.60	486.83
26 12 13 00-0028	EA	15 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	8,366.84	608.53
26 12 13 00-0029	EA	25 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	11,066.67	730.24
26 12 13 00-0030	EA	37.5 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	13,948.91	912.79
26 12 13 00-0031	EA	50 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	16,068.51	1,095.36
26 12 13 00-0032	EA	75 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	22,075.37	1,277.92
26 12 13 00-0033	EA	100 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	28,401.34	1,521.33

26 12 13 00-0034 Transformer Platforms (26 12 13 00-0001)

26 12 13 00-0035	EA	Transformer Platforms, 75 - 167 KVA.....	5,281.22	822.12
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26 12 13 00-0036 Primary 24.9 KV, Ground Y Secondary 240/480 Volt, 2-2.5 Percent Taps FCBN Auto FCAN (26 12 13 00-0001)

26 12 13 00-0037	EA	10 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	8,113.94	486.83
26 12 13 00-0038	EA	15 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	9,069.01	608.53
26 12 13 00-0039	EA	25 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	11,067.83	730.24
26 12 13 00-0040	EA	37.5 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	13,947.48	912.79
26 12 13 00-0041	EA	50 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	16,189.72	1,156.21
26 12 13 00-0042	EA	75 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	22,078.95	1,277.92
26 12 13 00-0043	EA	100 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	28,401.34	1,521.33
26 12 13 00-0044	EA	167 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	38,030.40	1,947.30
26 12 13 00-0045	EA	250 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	48,620.70	2,616.69
26 12 13 00-0046	EA	333 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	56,968.76	3,042.65
26 12 13 00-0047	EA	500 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	72,637.59	3,286.07

26 12 13 00-0048 Primary 4.8 KV Ground Y Secondary 120/240V 4-2.5 Percent Taps FCBN, Class A, 95 KV BIL (26 12 13 00-0001)

26 12 13 00-0049	EA	10 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	6,675.20	596.12
26 12 13 00-0050	EA	15 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	7,988.48	745.09
26 12 13 00-0051	EA	25 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	9,266.39	893.20
26 12 13 00-0052	EA	37.5 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	12,024.58	1,119.33
26 12 13 00-0053	EA	50 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	14,259.78	1,340.84
26 12 13 00-0054	EA	75 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	20,001.49	1,561.61
26 12 13 00-0055	EA	100 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	23,686.85	1,862.84

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 12 13 00-0056			Primary 4.8 KV Ground Y Secondary 120/240V 2-2.5 Percent Taps FCAN And FCBN <small>(26 12 13 00-0001)</small>		
26 12 13 00-0057	EA		10 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	6,675.20	596.12
26 12 13 00-0058	EA		15 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	8,145.05	745.09
26 12 13 00-0059	EA		25 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	9,266.39	893.20
26 12 13 00-0060	EA		37.5 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	12,024.58	1,119.33
26 12 13 00-0061	EA		50 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	14,259.78	1,340.84
26 12 13 00-0062	EA		75 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	18,392.20	1,561.61
26 12 13 00-0063	EA		100 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	22,869.63	1,862.84
26 12 13 00-0064			Primary 7.2 To 14.4 KV Ground Y <small>(26 12 13 00-0001)</small>		
26 12 13 00-0065			Primary 7.2 To 14.4 KV Ground Y Secondary 120 / 240 V 2-2.5 Percent Taps FCBN And FCAN <small>(26 12 13 00-0064)</small>		
26 12 13 00-0066	EA		10 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	5,302.89	486.83
26 12 13 00-0067	EA		15 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	6,305.41	608.53
26 12 13 00-0068	EA		25 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	7,270.67	730.24
26 12 13 00-0069	EA		37.5 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	9,537.81	912.79
26 12 13 00-0070	EA		50 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	11,975.37	1,095.36
26 12 13 00-0071	EA		75 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	19,156.05	1,277.92
26 12 13 00-0072	EA		100 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	22,020.15	1,521.33
26 12 13 00-0073			Primary 7.2 To 14.4 KV Ground Y Secondary 240 / 480 V 2-2.5 Pct Taps FCBN And FCAN <small>(26 12 13 00-0064)</small>		
26 12 13 00-0074	EA		10 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	4,887.76	486.83
26 12 13 00-0075	EA		15 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	5,783.53	608.53
26 12 13 00-0076	EA		25 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	7,033.45	730.24
26 12 13 00-0077	EA		37.5 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	9,063.37	912.79
26 12 13 00-0078	EA		50 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	11,323.01	1,095.36
26 12 13 00-0079	EA		75 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	16,783.86	1,277.92
26 12 13 00-0080	EA		100 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	19,647.97	1,521.33
26 12 13 00-0081			3 Phase Oil Filled Distribution Transformers <small>(26 12 13)</small>		
26 12 13 00-0082			Primary 4.16/4.8 KV Ground Y Secondary 120/240 Volt <small>(26 12 13 00-0081)</small> Note: 4-2.5 Percent taps FCBN, Class A, 95 KV BIL.		
26 12 13 00-0083	EA		112.5 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase.....	24,310.25	1,703.88
26 12 13 00-0084	EA		150 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase.....	30,547.75	1,825.60
26 12 13 00-0085	EA		225 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase.....	40,589.39	2,312.42
26 12 13 00-0086	EA		300 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase.....	53,026.16	2,920.95
26 12 13 00-0087	EA		500 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase.....	78,501.25	3,286.07
26 12 13 00-0088	EA		750 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase.....	120,037.79	4,381.42
26 12 13 00-0089			Removal And Relocation Of Transformers <small>(26 12 13)</small>		
26 12 13 00-0090	EA		Removal And Relocation Of Up To 37.5 KVA Oil Filled Transformer.....	1,220.94	
26 12 13 00-0091	EA		Removal And Relocation Of >37.5 To 100 KVA Oil Filled Transformers.....	2,246.87	
26 12 16			Dry-Type, Medium-Voltage Transformers <small>(26 12)</small>		
26 12 16 00-0001			Removal and Relocation of Transformers <small>(26 12 16)</small>		
26 12 16 00-0002	EA		Removal And Relocation Of Up To 37.5 KVA "Dry Type" Transformer.....	485.85	
26 12 16 00-0003	EA		Removal And Relocation Of >37.5 To 112.5 KVA "Dry Type" Transformer.....	2,159.32	
26 12 19			Pad-Mounted, Liquid-Filled, Medium-Voltage Transformers <small>(26 12)</small>		
26 12 19 00-0001			Single Phase Pad Mounted Distribution Transformers <small>(26 12 19)</small> Note: Designed for residential and multi-family buildings. UL listed.		
26 12 19 00-0002			Mini Pak - Single Phase KVA 25 Thru 167 - 95 KV BIL.- Oil Filled <small>(26 12 19 00-0001)</small> Note: Self actuating pressure relief device, taps, 4-1/2 % below or 2-1/2 % above and below. Designed for loop feed grounded wye distribution system.		
26 12 19 00-0003			Primary, 4.16/4.8 KV Ground Y Or Delta <small>(26 12 19 00-0002)</small> Note: 2.4 To 24.94 KV ground Y / 14.4 KV secondary - 240/120 Volt, 480/240 Volt, 277 V. Rated to 5 KVA.		
26 12 19 00-0004	EA		25 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt.....	15,936.90	585.36
26 12 19 00-0005	EA		37.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt.....	17,289.82	702.43
26 12 19 00-0006	EA		50 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt.....	20,624.09	819.50
26 12 19 00-0007	EA		75 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt.....	25,621.96	878.04
26 12 19 00-0008	EA		100 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt.....	29,133.80	936.57
26 12 19 00-0009	EA		167 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt.....	38,122.82	1,229.26
26 12 19 00-0010			Factory Modifications Material Cost Only <small>(26 12 19 00-0002)</small>		
26 12 19 00-0011	EA		Loadbreaker Current Limiting Fuse Factory Modifications.....	3,535.69	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 12 19 00-0012	EA	Loadbreaker Oil Switch, 2 Position Factory Modifications	3,715.03	
26 12 19 00-0013	EA	Loadbreaker Inserts, Factory Modifications	4,086.53	
26 12 19 00-0014		Distribution - Single Phase Multiple Building Transformer <small>(26 12 19 00-0001)</small>		
		Note: KVA 25 to 250, KVA BIL-95, 125, 150 standard features. Oil filled, self-actuating pressure relief device, lighting arrester mounted. Pad HV/LV barrier, etc. with taps 4-1/2 % below or 2-1/2 % above and below.		
26 12 19 00-0015		Primary, 4.16/4.8 KVA Ground Y Or Delta <small>(26 12 19 00-0014)</small>		
		Note: 2.4 To 34.5 KV ground Y / 19.9 KV secondary - 240/120 V, 120/240 V, 240/480 V, 480/240 V, 277V. Rated to 5 KVA.		
26 12 19 00-0016	EA	25 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	20,206.62	585.36
26 12 19 00-0017	EA	37.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	22,677.07	585.36
26 12 19 00-0018	EA	50 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	24,306.55	801.94
26 12 19 00-0019	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	30,492.10	801.94
26 12 19 00-0020	EA	100 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	34,254.84	1,053.65
26 12 19 00-0021	EA	167 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	41,057.56	1,053.65
26 12 19 00-0022	EA	250 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	66,685.31	1,463.40
26 12 19 00-0023		Factory Modifications Material Cost Only <small>(26 12 19 00-0014)</small>		
26 12 19 00-0024	EA	Loadbreaker Current Limiting Fuse Factory Modifications	4,714.25	
26 12 19 00-0025	EA	Lightning Arrestors, Factory Modifications	1,194.46	
26 12 19 00-0026	EA	Loadbreaker Oil Switch, 2 Position Factory Modifications	3,715.03	
26 12 19 00-0027	EA	Loop Feed Air Switch, Factory Modifications	6,046.53	
26 12 19 00-0028	EA	Loadbreaker Inserts (Two), Factory Modifications	1,614.12	
26 12 19 00-0029	EA	Bay-O-Net Fuse 25 Thru 167 KVA Factory Modifications	1,396.34	
26 12 19 00-0030		Primary, 12.47 KV Ground Y Or Delta <small>(26 12 19 00-0014)</small>		
		Note: 7.2 To 34.5 KV ground Y / 19.9 KV secondary - 240/120 V, 120/240 V, 240/480 V, 480/240 V, 277V. Rated to 5 KVA.		
26 12 19 00-0031	EA	25 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	21,944.10	585.36
26 12 19 00-0032	EA	37.5 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	23,264.07	585.36
26 12 19 00-0033	EA	50 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	24,079.28	801.94
26 12 19 00-0034	EA	75 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	29,116.92	801.94
26 12 19 00-0035	EA	100 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	37,126.59	1,053.65
26 12 19 00-0036	EA	167 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	46,139.04	1,053.76
26 12 19 00-0037	EA	250 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	58,593.06	1,463.40
26 12 19 00-0038		Oil Filled Distribution Transformer Single Phase Cluster Mounted <small>(26 12 19 00-0001)</small>		
		Note: Conventional type.		
26 12 19 00-0039		13.8/14.4 KV Ground Y Or Delta Primary 120/240V <small>(26 12 19 00-0038)</small>		
		Note: 2.5 Taps FCBN and FCAN.		
26 12 19 00-0040	EA	10 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	14,584.86	414.14
26 12 19 00-0041	EA	37.5 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	17,999.71	582.39
26 12 19 00-0042	EA	50 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	27,644.54	931.82
26 12 19 00-0043	EA	100 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	49,958.71	931.82
26 12 19 00-0044	EA	167 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	68,975.57	1,527.15
26 12 19 00-0045	EA	250 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	93,015.45	1,527.15
26 12 19 00-0046		Oil Filled Distribution Transformer Single Phase <small>(26 12 19 00-0001)</small>		
26 12 19 00-0047		7.2 KV Primary, 120/240 Volt Secondary <small>(26 12 19 00-0046)</small>		
26 12 19 00-0048	EA	10 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	14,122.26	440.02
26 12 19 00-0049	EA	15 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	15,404.99	440.02
26 12 19 00-0050	EA	25 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	18,203.74	621.22
26 12 19 00-0051	EA	37.5 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	23,369.96	621.22
26 12 19 00-0052	EA	50 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	26,901.78	841.22
26 12 19 00-0053	EA	100 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	48,777.28	1,294.20
26 12 19 00-0054	EA	167 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	68,050.38	1,294.20
26 12 19 00-0055	EA	250 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	91,587.32	1,617.75
26 12 19 00-0056		7.2 KV Primary, 240/480 Volt Secondary <small>(26 12 19 00-0046)</small>		
26 12 19 00-0057	EA	10 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	14,122.26	440.02
26 12 19 00-0058	EA	15 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	15,405.46	440.02
26 12 19 00-0059	EA	25 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	18,203.74	621.22
26 12 19 00-0060	EA	37.5 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	23,369.96	621.22
26 12 19 00-0061	EA	50 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	26,901.78	841.22

26 Electrical**26 10 Medium-Voltage Electrical Distribution****26 12 Medium-Voltage Transformers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 12 19 00-0062	EA	75 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	41,881.00	1,138.89
26 12 19 00-0063	EA	100 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	48,777.28	1,138.89
26 12 19 00-0064	EA	167 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	68,050.38	1,436.56
26 12 19 00-0065	EA	250 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	91,587.32	1,617.75

26 12 19 00-0066 2.4 KV Primary, 277 Volt Secondary (26 12 19 00-0046)

26 12 19 00-0067	EA	10 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	15,573.94	440.02
26 12 19 00-0068	EA	15 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	16,987.03	440.02
26 12 19 00-0069	EA	25 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	20,079.43	621.22
26 12 19 00-0070	EA	37.5 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	25,766.09	621.22
26 12 19 00-0071	EA	50 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	29,656.28	841.22
26 12 19 00-0072	EA	75 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	46,031.67	1,138.89
26 12 19 00-0073	EA	100 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	53,850.35	1,138.89
26 12 19 00-0074	EA	167 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	75,170.86	1,436.56
26 12 19 00-0075	EA	250 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	101,239.97	1,617.75

26 12 19 00-0076 2.4 KV Primary, 120/240 Volt Secondary (26 12 19 00-0046)

26 12 19 00-0077	EA	10 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	14,122.26	440.02
26 12 19 00-0078	EA	15 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	15,404.99	440.02
26 12 19 00-0079	EA	25 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	18,203.74	845.24
26 12 19 00-0080	EA	37.5 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	23,369.96	1,138.89
26 12 19 00-0081	EA	50 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	26,901.78	841.22
26 12 19 00-0082	EA	75 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	41,701.53	1,138.89
26 12 19 00-0083	EA	100 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	48,767.80	1,138.89

26 12 19 00-0084 2.4 KV Primary, 240/480 Volt Secondary (26 12 19 00-0046)

26 12 19 00-0085	EA	10 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	14,122.26	440.02
26 12 19 00-0086	EA	15 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	15,404.99	440.02
26 12 19 00-0087	EA	25 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	18,203.74	621.22
26 12 19 00-0088	EA	37.5 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	23,369.96	621.22
26 12 19 00-0089	EA	50 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	26,901.78	841.22
26 12 19 00-0090	EA	75 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	41,701.53	1,138.89
26 12 19 00-0091	EA	100 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	48,767.80	1,138.89

26 12 19 00-0092 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary (26 12 19 00-0046)

26 12 19 00-0093	EA	10 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	11,865.97	452.97
26 12 19 00-0094	EA	15 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	12,856.73	504.73
26 12 19 00-0095	EA	25 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	15,743.66	556.51
26 12 19 00-0096	EA	37 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	19,894.53	776.52
26 12 19 00-0097	EA	50 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	22,095.07	905.94
26 12 19 00-0098	EA	75 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	30,932.73	1,061.24
26 12 19 00-0099	EA	100 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	37,357.01	1,216.55
26 12 19 00-0100	EA	167 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	59,218.27	1,553.04
26 12 19 00-0101	EA	250 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	82,669.80	1,747.17

26 13 Medium-Voltage Switchgear (26 10)**26 13 16 Medium-Voltage Fusible Interrupter Switchgear** (26 13)**26 13 16 00-0001 "Switchyard", Substation Secondary Distribution Section** (26 13 16)

Note: Medium voltage, metal clad switchgear, 3 phase, 3 wire with ground. Includes breaker element, housing, control switch two lamps - 3 cable terminals.

26 13 16 00-0002 4.16 Or 4.8 KV Switchgear Sections, With Air Circuit Breaker, Secondary

Distribution Section (26 13 16 00-0001)

26 13 16 00-0003	EA	1,200 Amperes, 75 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	13,539.06	1,345.97
		<i>For Weatherproofing, Add</i>	2,789.86	
26 13 16 00-0004	EA	1,200 Amperes, 250 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	14,201.75	1,345.97
		<i>For Weatherproofing, Add</i>	2,935.65	
26 13 16 00-0005	EA	1,200 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	19,318.58	1,714.82
		<i>For Weatherproofing, Add</i>	4,023.04	
26 13 16 00-0006	EA	2,000 Amperes, 250 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	26,274.90	1,714.82
		<i>For Weatherproofing, Add</i>	5,524.56	
26 13 16 00-0007	EA	2,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	37,588.74	2,070.72
		<i>For Weatherproofing, Add</i>	7,979.16	
26 13 16 00-0008	EA	3,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	34,341.05	2,070.72
		<i>For Weatherproofing, Add</i>	7,250.00	

26 13 16 00-0009 7.2 KV Switchgear Sections, With Air Circuit Breaker, Secondary

Distribution Section (26 13 16 00-0001)

26 13 16 00-0010	EA	1,200 Amperes, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	20,134.28	1,553.04
		<i>For Weatherproofing, Add</i>	4,221.28	
26 13 16 00-0011	EA	2,000 Amperes, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	24,739.78	1,941.30
		<i>For Weatherproofing, Add</i>	5,170.70	
26 13 16 00-0012	EA	3,000 Amperes, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	34,724.80	2,329.56
		<i>For Weatherproofing, Add</i>	7,321.58	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 13 16 00-0013	13.8 KV Switchgear Sections, With Air Circuit Breaker, Secondary Distribution Section <small>(26 13 16 00-0001)</small>		
26 13 16 00-0014	EA 1,200 Amperes, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	19,440.64 4,051.58	1,553.04
26 13 16 00-0015	EA 1,200 Amperes, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	26,719.33 5,615.66	1,553.04
26 13 16 00-0016	EA 1,200 Amperes, 1,000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	38,957.75 8,265.68	2,070.72
26 13 16 00-0017	EA 2,000 Amperes, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	24,460.52 5,093.71	2,070.72
26 13 16 00-0018	EA 2,000 Amperes, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	35,432.37 7,470.41	2,588.40
26 13 16 00-0019	EA 2,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	49,498.40 10,525.82	2,588.40
26 13 16 00-0020	EA 3,000 Amperes, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	34,135.72 7,174.33	2,588.40
26 13 16 00-0021	EA 3,000 Amperes, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	47,246.63 10,021.44	2,588.40
26 13 16 00-0022	EA 3,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	61,170.11 13,049.34	2,588.40
26 13 16 00-0023	4.16 Or 4.8 KV Switchgear Section, Without Air Circuit Breaker, Secondary Distribution Section <small>(26 13 16 00-0001)</small>		
26 13 16 00-0024	EA 1,200 Amperes, 250 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	6,110.33 1,225.38	847.70
26 13 16 00-0025	EA 1,200 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	7,906.91 1,620.63	847.70
26 13 16 00-0026	EA 2,000 Amperes, 250 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	8,603.88 1,735.57	1,125.95
26 13 16 00-0027	EA 2,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	10,661.64 2,150.74	1,391.27
26 13 16 00-0028	EA 3,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	14,297.77 2,950.68	1,391.27
26 13 16 00-0029	7.2 KV Switchgear Section, Without Air Circuit Breaker, Secondary Distribution Section <small>(26 13 16 00-0001)</small>		
26 13 16 00-0030	EA 1,200 Amperes, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	7,715.55 1,562.00	1,294.20
26 13 16 00-0031	EA 2,000 Amperes, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	10,091.58 2,046.60	1,294.20
26 13 16 00-0032	EA 3,000 Amperes, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	15,341.02 3,163.85	1,294.20
26 13 16 00-0033	13.8 KV Switchgear Section, Without Air Circuit Breaker, Secondary Distribution Section <small>(26 13 16 00-0001)</small>		
26 13 16 00-0034	EA 1,200 Amperes, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	7,970.87 1,600.30	1,100.07
26 13 16 00-0035	EA 1,200 Amperes, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	8,490.82 1,714.69	1,100.07
26 13 16 00-0036	EA 1,200 Amperes, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	12,136.98 2,479.01	1,358.91
26 13 16 00-0037	EA 2,000 Amperes, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	10,880.45 2,164.93	1,630.69
26 13 16 00-0038	EA 2,000 Amperes, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	13,330.68 2,703.98	1,630.69
26 13 16 00-0039	EA 2,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	15,332.25 3,105.86	1,902.47
26 13 16 00-0040	EA 3,000 Amperes, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	14,420.07 2,867.39	2,174.25
26 13 16 00-0041	EA 3,000 Amperes, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	16,099.04 3,236.76	2,174.25
26 13 16 00-0042	EA 3,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	19,800.38 4,012.93	2,433.09
26 13 16 00-0043	Accessories For Substation Secondary Distribution Sections <small>(26 13 16 00-0001)</small>		
26 13 16 00-0044	EA 1,200 Amperes, Transformer Throat Connection Accessories, Secondary Distribution Section <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,921.65 492.09	820.13
26 13 16 00-0045	EA 2,000 Amperes, Transformer Throat Connection Accessories, Secondary Distribution Section <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,884.92 546.08	910.08
26 13 16 00-0046	EA 3,000 Amperes, Transformer Throat Connection Accessories, Secondary Distribution Section <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,362.02 656.96	1,094.89
26 13 16 00-0047	EA 3-Phase Pothead Termination Accessories, Secondary Distribution Section	4,169.18	1,646.61
26 13 16 00-0048	EA 5 KV, 15 KVA, Control Power Transformer Accessories, Secondary Distribution Section	4,739.06	104.39
26 13 16 00-0049	EA 5 KV, 30 KVA, Control Power Transformer Accessories, Secondary Distribution Section	6,326.05	104.39
26 13 16 00-0050	EA 5 KV, 75 KVA, Control Power Transformer Accessories, Secondary Distribution Section	11,574.81	104.39
26 13 16 00-0051	EA 15 KV, 15 KVA, Control Power Transformer Accessories, Secondary Distribution Section	9,098.95	104.39
26 13 16 00-0052	EA 15 KV, 30 KVA, Control Power Transformer Accessories, Secondary Distribution Section	9,932.03	104.39

26 Electrical
26 10 Medium-Voltage Electrical Distribution
26 13 Medium-Voltage Switchgear

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 13 16 00-0053	EA	15 KV, 75 KVA, Control Power Transformer Accessories, Secondary Distribution Section.....	13,515.39	104.39
26 13 16 00-0054	EA	6 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section.....	2,153.13	104.39
26 13 16 00-0055	EA	9 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section.....	2,432.08	104.39
26 13 16 00-0056	EA	15 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section.....	3,688.10	104.39
26 13 16 00-0057	EA	Overcurrent Phase Protection, Time And Instantaneous Device 67.....	2,364.98	104.39
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.63	
26 13 16 00-0058	EA	AC Ammeter With Switch.....	932.54	104.39
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.63	
26 13 16 00-0059	EA	AC Voltmeter With Switch And Potential Transformer.....	932.54	104.39
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.63	
26 13 16 00-0060	EA	Indicating Wattmeter.....	1,372.83	104.39
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.63	
26 13 16 00-0061	EA	Indicating Varmeter.....	1,617.09	104.39
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.63	
26 13 16 00-0062	EA	Indicating Watt-hour Meter, 2 Element.....	1,019.99	104.39
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.63	
26 13 16 00-0063	EA	Ground Protection, Time Or Instantaneous Device 67N.....	2,736.54	104.39
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.63	
26 13 16 00-0064	EA	Differential Generator Protection Single Phase NEMA Device 87.....	4,481.22	104.39
26 13 16 00-0065	EA	Current Transformers 5 And 15 KV Single Secondary.....	636.25	104.39
26 13 16 00-0066	EA	Potential Transformers 5 KV And 15 KV With Primary Fuses.....	2,994.50	104.39

26 13 19 Medium-Voltage Vacuum Interrupter Switchgear (26 13)

26 13 19 00-0001 Vacuum Circuit Breakers 13.8 KV (26 13 19)				
26 13 19 00-0002	EA	1,200 Amperes, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	48,446.22	1,617.75
26 13 19 00-0003	EA	1,200 Amperes, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	53,516.60	2,044.83
26 13 19 00-0004	EA	1,200 Amperes, 1,000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	60,767.29	2,044.83
26 13 19 00-0005	EA	2,000 Amperes, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	55,489.32	1,617.75
26 13 19 00-0006	EA	2,000 Amperes, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	62,387.76	1,617.75
26 13 19 00-0007	EA	2,000 Amperes, 1,000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	71,115.65	1,902.47
26 13 19 00-0008	EA	3,000 Amperes, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	73,412.83	2,174.25
26 13 19 00-0009	EA	3,000 Amperes, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	80,346.31	2,174.25
26 13 19 00-0010	EA	3,000 Amperes, 1,000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	87,802.78	2,446.03

26 13 29 Medium-Voltage Compartmentalized Switchgear (26 13)

26 13 29 00-0001		Substation Secondary Distribution Section (26 13 29) Note: Low voltage drawout switchgear 277/480 volt, 3 phase 4 wire.		
26 13 29 00-0002		Switchgear Compartment Complete With Air Circuit Breaker (26 13 29 00-0001) Note: With solid state long - time and instantaneous trips.		
26 13 29 00-0003	EA	800 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-206.....	15,438.56	1,022.03
26 13 29 00-0004	EA	1,600 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-416.....	24,421.50	1,545.21
26 13 29 00-0005	EA	2,000 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-420.....	33,068.22	1,898.06
26 13 29 00-0006	EA	3,200 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-632.....	54,854.81	2,202.24
26 13 29 00-0007	EA	4,000 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-840.....	70,484.94	2,506.40
26 13 29 00-0008		Switchgear Compartment Without Circuit Breaker (26 13 29 00-0001)		
26 13 29 00-0009	EA	800 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section.....	6,835.58	310.26
26 13 29 00-0010	EA	1,600 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section.....	7,898.54	310.26
26 13 29 00-0011	EA	2,000 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section.....	10,333.44	456.27
26 13 29 00-0012	EA	3,200 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section.....	14,758.18	456.27
26 13 29 00-0013	EA	4,000 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section.....	24,629.78	669.19
26 13 29 00-0014		Switchgear Compartment, Blank, Use As Filler Or Metering (26 13 29 00-0001) Note: No provisions for future breaker.		
26 13 29 00-0015	EA	600 To 2,000 Amperes, Blank Section Filler, Secondary Distribution Section.....	6,444.91	346.76
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	198.28	
26 13 29 00-0016	EA	3,000 Amperes, Blank Section Filler, Secondary Distribution Section.....	8,096.45	346.76
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	232.76	
26 13 29 00-0017	EA	4,000 Amperes, Blank Section Filler, Secondary Distribution Section.....	10,503.43	535.35
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	334.59	
26 13 29 00-0018		Accessories For Substation Secondary Distribution (26 13 29 00-0001)		
26 13 29 00-0019	EA	Short Time Delay Accessories, Secondary Distribution Section.....	3,588.36	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.63	
26 13 29 00-0020	EA	Key Interlock Accessories, Secondary Distribution Section.....	2,776.65	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.63	
26 13 29 00-0021	EA	Ammeter And Switch Complete Accessories, Secondary Distribution Section.....	8,948.72	104.39
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.63	
26 13 29 00-0022	EA	Voltmeter And Switch Complete Accessories, Secondary Distribution Section.....	8,948.72	104.39
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.63	
26 13 29 00-0023	EA	Wattmeter - Complete Accessories, Secondary Distribution Section.....	11,858.63	104.39
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.63	
26 13 29 00-0024	EA	Watt-hour Meter - Complete Accessories, Secondary Distribution Section.....	15,381.15	104.39
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.63	
26 13 29 00-0025	EA	Circuit Breaker Lifting Device Accessories, Secondary Distribution Section.....	6,614.32	119.06
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	71.42	
26 13 29 00-0026	EA	Weatherproofing, Per Vertical Section Accessories, Secondary Distribution Section.....	19,219.74	1,763.31
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,058.00	
26 13 29 00-0027	EA	Current Transformer, Single Section 5 To 800 Single Secondary 5 To 800.....	4,017.19	104.39

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 13 29 00-0028	EA			Potential Transformers Each With Fuses Accessories, Secondary Distribution Section	4,730.20	104.39
26 13 29 00-0029	EA			Shunt Trip And Auxiliary Switch Accessories, Secondary Distribution Section..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,529.31 31.32	52.19
26 13 29 00-0030	EA			3 Current Limiting Fuses 15 KV Accessories, Secondary Distribution Section..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19,337.60 62.63	104.39
26 13 29 00-0031	EA			3 Phase Surge Capacitors 15 KV Accessories, Secondary Distribution Section	2,406.79	52.19

26 18 Medium-Voltage Circuit Protection Devices (26 10)

26 18 36 Medium-Voltage Enclosed Fuses (26 18)

26 18 36 00-0001				Sectionalizing Switch <small>(26 18 36)</small>		
26 18 36 00-0002				Pad Mounted Metal Enclosed Oil Filled Switching Units <small>(26 18 36 00-0001)</small> Note: 15 KV - 25 KV.		
26 18 36 00-0003				Sectionalizing Tapping And Fusing Underground Feeders <small>(26 18 36 00-0002)</small> Note: 200 Amp replaceable bushing wells recessed locking assembly oil level and oil fill plugs.		
26 18 36 00-0004	EA			3 Phase, 1 Switch Up And 2 Switch Downstream Tapping And Fusing Underground.....	58,972.92	878.04
26 18 36 00-0005	EA			3 Phase, 2 Switch Up And 2 Switch Downstream Tapping And Fusing Underground.....	66,333.61	878.04

26 19 High-Voltage Circuit Protection (26 10)

26 19 18 Protection Devices (26 19)

26 19 18 00-0001				Primary Fuse Cutouts <small>(26 19 18)</small> Note: Interrupting rating RMS, amperes - 25,000 symmetric and 40,000 asymmetric.		
26 19 18 00-0002				Non-Loadbreak Current Limiting Primary Fuse Cutouts <small>(26 19 18 00-0001)</small> Note: Includes the fuse and cut-out switch.		
26 19 18 00-0003				8.3 KV-95 KV-BIL Non-Loadbreak Current Limiting <small>(26 19 18 00-0002)</small>		
26 19 18 00-0004	EA			15 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	721.03	323.55
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	155.30	
26 19 18 00-0005	EA			25 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	850.45	323.55
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	194.13	
26 19 18 00-0006	EA			40 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	979.43	323.55
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	232.82	
26 19 18 00-0007	EA			100 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	998.85	323.55
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	232.97	
26 19 18 00-0008	EA			200 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	998.85	323.55
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	232.97	
26 19 18 00-0009				17.1 KV-95 KV-BIL Non-Loadbreak Current Limiting <small>(26 19 18 00-0002)</small>		
26 19 18 00-0010	EA			15 A Primary Fuse Cutout 17.1 KV - 95 KV Non-Loadbreak Current Limiting	721.03	258.84
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	155.30	
26 19 18 00-0011				17.1 KV-125 KV-BIL Non-Loadbreak Current Limiting <small>(26 19 18 00-0002)</small>		
26 19 18 00-0012	EA			15 A Primary Fuse Cutout 17.1 KV - 125 KV Non-Loadbreak Current Limiting	746.68	258.84
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	155.30	
26 19 18 00-0013				Fuseholders <small>(26 19 18 00-0002)</small> Note: Including current limiting fuse.		
26 19 18 00-0014	EA			15 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	612.94	323.55
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	155.30	
26 19 18 00-0015	EA			25 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	742.36	323.55
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	194.13	
26 19 18 00-0016	EA			40 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	871.34	323.55
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	232.82	
26 19 18 00-0017	EA			100 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	621.82	323.55
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	155.30	
26 19 18 00-0018	EA			200 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	751.24	323.55
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	194.13	
26 19 18 00-0019	EA			15 A 17.1 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	612.94	258.84
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	155.30	
26 19 18 00-0020				Accessories <small>(26 19 18 00-0002)</small>		
26 19 18 00-0021	EA			Hot Line Clamp.....	91.17	29.12
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.41	
26 19 18 00-0022	EA			Stirrup.....	99.31	29.12
26 19 18 00-0023				Loadbreak Current Limiting Primary Fuse Cutouts <small>(26 19 18 00-0001)</small> Note: Includes fuse, cutout switch, crossarm mounting bracket and fuse holder.		
26 19 18 00-0024				8.3 KV-95 KV BIL Loadbreak Current Limiting <small>(26 19 18 00-0023)</small>		
26 19 18 00-0025	EA			15 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting	920.71	323.55
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	155.30	
26 19 18 00-0026	EA			25 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting.....	1,050.13	323.55
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	194.13	
26 19 18 00-0027	EA			40 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting.....	1,179.11	323.55
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	232.82	

26 Electrical
26 10 Medium-Voltage Electrical Distribution
26 19 High-Voltage Circuit Protection

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 19 18 00-0028	EA		100 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,217.15 232.97	323.55
26 19 18 00-0029	EA		200 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,217.15 232.97	323.55
26 19 18 00-0030			17.1 KV-95 KV BIL Loadbreak Current Limiting (26 19 18 00-0023)		
26 19 18 00-0031	EA		15 A Primary Fuse Cutout 17.1 KV - 95 KV Loadbreak Current Limiting <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	920.71 155.30	258.84
26 19 18 00-0032			17.1 KV-125 KV BIL Loadbreak Current Limiting (26 19 18 00-0023)		
26 19 18 00-0033	EA		15 A Primary Fuse Cutout 17.1 KV - 125 KV Loadbreak Current Limiting <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	920.71 155.30	258.84
26 19 18 00-0034			Fuseholders (26 19 18 00-0023) Note: Includes current limiting fuses.		
26 19 18 00-0035	EA		15 Amperes, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	622.10 155.30	323.55
26 19 18 00-0036	EA		25 Amperes, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	751.52 194.13	323.55
26 19 18 00-0037	EA		40 Amperes, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	880.50 232.82	323.55
26 19 18 00-0038	EA		15 Amperes, 17.1 KV Primary Fuseholder With Fuse Loadbreak Current Limiting <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	622.10 155.30	323.55
26 19 18 00-0039			Pole Mounted Capacitors (26 19 18 00-0023)		
26 19 18 00-0040	EA		Capacitors - Pole Mounted 6 KVAR	1,659.97	260.91
26 19 80			Transmission and Distribution Accessories (26 19)		
26 19 80 60			Structure Assemblies (26 19 80)		
26 19 80 60-0001			Pole Structure Assemblies (26 19 80 60)		
26 19 80 60-0002			5 KV Pole Structure Assemblies (26 19 80 60-0001) Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.		
26 19 80 60-0003	EA		Type OH-1, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	528.68	245.90
26 19 80 60-0004	EA		Type OH-2, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	883.48	414.14
26 19 80 60-0005	EA		Type OH-3, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,006.70	323.55
26 19 80 60-0006	EA		Type OH-4, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	575.12	168.24
26 19 80 60-0007	EA		Type OH-5, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	729.68	232.96
26 19 80 60-0008	EA		Type OH-6, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,276.17	465.91
26 19 80 60-0009	EA		Type OH-7, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,001.31	349.43
26 19 80 60-0010	EA		Type OH-8, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,829.97	698.87
26 19 80 60-0011	EA		Type OH-9, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,079.78	789.46
26 19 80 60-0012	EA		Type OH-10, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,136.10	388.26
26 19 80 60-0013	EA		Type OH-11, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	964.09	414.14
26 19 80 60-0014	EA		Type OH-12, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,810.68	841.22
26 19 80 60-0015	EA		Type OH-13, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,380.67	504.73
26 19 80 60-0016	EA		Type OH-14, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	861.90	362.37
26 19 80 60-0017	EA		Type OH-15, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,620.29	737.69
26 19 80 60-0018	EA		Type OH-16, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,273.98	375.32
26 19 80 60-0019			15 KV Pole Structure Assemblies (26 19 80 60-0001) Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.		
26 19 80 60-0020	EA		Type OH-1, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	554.33	245.90
26 19 80 60-0021	EA		Type OH-2, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	920.12	414.14
26 19 80 60-0022	EA		Type OH-3, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,131.27	323.55
26 19 80 60-0023	EA		Type OH-4, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	619.09	168.24
26 19 80 60-0024	EA		Type OH-5, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	791.96	220.02
26 19 80 60-0025	EA		Type OH-6, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,400.74	465.91
26 19 80 60-0026	EA		Type OH-7, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,092.90	349.43
26 19 80 60-0027	EA		Type OH-8, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,016.83	698.87
26 19 80 60-0028	EA		Type OH-9, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,332.59	789.46
26 19 80 60-0029	EA		Type OH-10, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,260.67	388.26
26 19 80 60-0030	EA		Type OH-11, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,011.71	414.14
26 19 80 60-0031	EA		Type OH-12, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,858.30	841.22
26 19 80 60-0032	EA		Type OH-13, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,475.93	504.73
26 19 80 60-0033	EA		Type OH-14, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	909.52	349.43
26 19 80 60-0034	EA		Type OH-15, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,667.91	737.69
26 19 80 60-0035	EA		Type OH-16, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,369.24	452.97
26 19 80 60-0036			25 KV Pole Structure Assemblies (26 19 80 60-0001) Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.		
26 19 80 60-0037	EA		Type OH-3, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,696.68	388.26
26 19 80 60-0038	EA		Type OH-4, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,039.41	194.13
26 19 80 60-0039	EA		Type OH-5, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,507.08	297.67
26 19 80 60-0040	EA		Type OH-6, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,979.55	608.27
26 19 80 60-0041	EA		Type OH-7, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,889.14	452.97
26 19 80 60-0042	EA		Type OH-8, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	3,046.70	893.00

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 19 80 60-0043	EA	Type OH-9, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,903.39	1,009.47
26 19 80 60-0044	EA	Type OH-13, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,038.17	588.86
26 19 80 60-0045	EA	Type OH-16, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,773.91	588.86
26 19 80 60-0046		50 KV Pole Structure Assemblies <small>(26 19 80 60-0001)</small>		
		Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.		
26 19 80 60-0047	EA	Type OH-3, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,279.39	530.63
26 19 80 60-0048	EA	Type OH-4, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,240.60	271.78
26 19 80 60-0049	EA	Type OH-5, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,569.94	427.08
26 19 80 60-0050	EA	Type OH-6, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,949.36	867.12
26 19 80 60-0051	EA	Type OH-7, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,261.48	647.10
26 19 80 60-0052	EA	Type OH-8, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	4,343.43	1,294.20
26 19 80 60-0053	EA	Type OH-9, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	5,140.32	1,436.56
26 19 80 60-0054	EA	Type OH-10, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,621.38	698.87
26 19 80 60-0055	EA	Type OH-13, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,639.99	808.87
26 19 80 60-0056	EA	Type OH-16, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,544.83	763.57
26 19 80 60-0057		Overhead To Underground Conversion Structures <small>(26 19 80 60)</small>		
		Note: Includes insulator with pin, bolts, washers, crossarms, fused cut out, arrestors, ground rods, clamps, conduit, molding, cable termination and neutral wire brackets. Excludes pole.		
26 19 80 60-0058		5 KV Structures <small>(26 19 80 60-0057)</small>		
		Note: Excludes pole.		
26 19 80 60-0059	EA	(3 Wire Dead End), 5 KV, Overhead To Underground Conversion Structures, Without Poles	5,433.40	2,588.40
26 19 80 60-0060	EA	(3 Wire Tangent), 5 KV, Overhead To Underground Conversion Structures, Without Poles	5,433.40	2,588.40
26 19 80 60-0061	EA	(4 Wire Tangent), 5 KV, Overhead To Underground Conversion Structures, Without Poles	5,433.40	2,588.40
26 19 80 60-0062	EA	(4 Wire Dead End), 5 KV, Overhead To Underground Conversion Structures, Without Poles	5,433.40	2,588.40
26 19 80 60-0063		15 KV Structures <small>(26 19 80 60-0057)</small>		
		Note: Excludes pole.		
26 19 80 60-0064	EA	(3 Wire Dead End), 15 KV, Overhead To Underground Conversion Structures, Without Poles	5,605.80	2,588.40
26 19 80 60-0065	EA	(3 Wire Tangent), 15 KV, Overhead To Underground Conversion Structures, Without Poles	5,605.80	2,588.40
26 19 80 60-0066	EA	(4 Wire Tangent), 15 KV, Overhead To Underground Conversion Structures, Without Poles	5,605.80	2,588.40
26 19 80 60-0067	EA	(4 Wire Dead End), 15 KV, Overhead To Underground Conversion Structures, Without Poles	5,605.80	2,588.40
26 19 80 60-0068		25 KV Structures <small>(26 19 80 60-0057)</small>		
		Note: Excludes pole.		
26 19 80 60-0069	EA	(3 Wire Dead End), 25 KV, Overhead To Underground Conversion Structures, Without Poles	5,793.86	2,588.40
26 19 80 60-0070	EA	(3 Wire Tangent), 25 KV, Overhead To Underground Conversion Structures, Without Poles	5,793.86	2,588.40
26 19 80 60-0071	EA	(4 Wire Tangent), 25 KV, Overhead To Underground Conversion Structures, Without Poles	5,793.86	2,588.40
26 19 80 60-0072	EA	(4 Wire Dead End), 25 KV, Overhead To Underground Conversion Structures, Without Poles	5,793.86	2,588.40
26 19 80 60-0073		Transformer Stations <small>(26 19 80 60)</small>		
		Note: Includes insulator with pin, bolts, washers, crossarms, fused cut out, arrestors, ground rods, clamps, conduit, molding, cable termination, neutral wire brackets and transformer mounting bracket(s). Excludes pole and transformer.		
26 19 80 60-0074		5 KV Station <small>(26 19 80 60-0073)</small>		
26 19 80 60-0075	EA	(Single Transformer, 1 Phase, 4 Wire Tangent), 5 KV Transformer Station Without Pole	8,761.94	3,449.36
26 19 80 60-0076	EA	(Double Transformer, 1 Phase, 3 Wire Tangent), 5 KV Transformer Station Without Pole	9,820.85	3,881.82
26 19 80 60-0077	EA	(Triple Transformer, 3 Phase, 4 Wire Tangent), 5 KV Transformer Station Without Pole	10,879.76	4,313.99
26 19 80 60-0078	EA	(Triple Transformer, 3 Phase, 4 Wire Dead End), 5 KV Transformer Station Without Pole	10,879.76	4,313.99
26 19 80 60-0079	EA	(Single Transformer, 1 Phase, 2 Wire Tangent), 5 KV Transformer Station Without Pole	8,761.94	3,449.36
26 19 80 60-0080		15 KV Stations <small>(26 19 80 60-0073)</small>		
26 19 80 60-0081	EA	(Single Transformer, 1 Phase, 4 Wire Tangent), 15 KV Transformer Station Without Pole	9,028.41	3,449.36
26 19 80 60-0082	EA	(Double Transformer, 1 Phase, 3 Wire Tangent), 15 KV Transformer Station Without Pole	10,087.31	3,881.82
26 19 80 60-0083	EA	(Triple Transformer, 3 Phase, 4 Wire Tangent), 15 KV Transformer Station Without Pole	11,146.22	4,313.99
26 19 80 60-0084	EA	(Triple Transformer, 3 Phase, 4 Wire Dead End), 15 KV Transformer Station Without Pole	11,146.22	4,313.99
26 19 80 60-0085	EA	(Single Transformer, 1 Phase, 2 Wire Tangent), 15 KV Transformer Station Without Pole	9,028.41	3,449.36
26 19 80 60-0086		25 KV Stations <small>(26 19 80 60-0073)</small>		
26 19 80 60-0087	EA	(Single Transformer, 1 Phase, 4 Wire Tangent), 25 KV Transformer Station Without Pole	9,319.09	3,449.36
26 19 80 60-0088	EA	(Double Transformer, 1 Phase, 3 Wire Tangent), 25 KV Transformer Station Without Pole	10,378.00	3,881.82
26 19 80 60-0089	EA	(Triple Transformer, 3 Phase, 4 Wire Tangent), 25 KV Transformer Station Without Pole	11,436.91	4,313.99
26 19 80 60-0090	EA	(Triple Transformer, 3 Phase, 4 Wire Dead End), 25 KV Transformer Station Without Pole	11,436.91	4,313.99
26 19 80 60-0091	EA	(Single Transformer, 1 Phase, 2 Wire Tangent), 25 KV Transformer Station Without Pole	9,319.09	3,449.36

26 20 Low-Voltage Electrical Distribution (26)

26 21 Low-Voltage Electrical Service Entrance (26 20)

See CSI section 26 05 13 00-0000 for wire and cables.

26 21 13 Low-Voltage Overhead Electrical Service Entrance (26 21)

26 21 13 00-0001 Service Drop Cable And Weatherheads (26 21 13)

26 21 13 00-0002 600 Volt Insulated Stranded Conductors (26 21 13 00-0001)

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 21 Low-Voltage Electrical Service Entrance**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 21 13 00-0003	Aluminum Duplex ACSR Neutral <small>(26 21 13 00-0002)</small>		
26 21 13 00-0004	LF #6 AWG, 600 Volt, Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	8.61	3.08
26 21 13 00-0005	LF #4 AWG, 600 Volt, Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	10.52	3.65
26 21 13 00-0006	LF #2 AWG, 600 Volt, Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	12.71	4.11
26 21 13 00-0007	LF 1/0 AWG, 600 Volt, Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	17.45	5.18
26 21 13 00-0008	Aluminum Triplex ACSR Neutral <small>(26 21 13 00-0002)</small>		
26 21 13 00-0009	LF #6 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	10.73	3.65
26 21 13 00-0010	LF #4 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	12.43	4.11
26 21 13 00-0011	LF #2 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	15.85	5.18
26 21 13 00-0012	LF 1/0 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	20.20	6.32
26 21 13 00-0013	LF 2/0 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	26.15	8.35
26 21 13 00-0014	LF 4/0 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	33.88	10.35
26 21 13 00-0015	LF 336 MCM, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	47.84	12.32
26 21 13 00-0016	Aluminum Quadruplex ACSR Neutral <small>(26 21 13 00-0002)</small>		
26 21 13 00-0017	LF #6 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	12.48	4.11
26 21 13 00-0018	LF #4 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	15.84	5.18
26 21 13 00-0019	LF #2 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	20.55	6.64
26 21 13 00-0020	LF 1/0 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	27.41	8.35
26 21 13 00-0021	LF 2/0 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	30.63	9.24
26 21 13 00-0022	LF 3/0 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	35.98	10.35
26 21 13 00-0023	LF 4/0 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	42.07	12.32
26 21 13 00-0024	LF 336 MCM, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	55.63	13.62
26 21 13 00-0025	Weatherproof Conduit Hubs <small>(26 21 13 00-0002)</small>		
26 21 13 00-0026	EA 1/2" Weatherproof Conduit Hubs.....	53.15	20.11
26 21 13 00-0027	EA 3/4" Weatherproof Conduit Hubs.....	60.65	22.85
26 21 13 00-0028	EA 1" Weatherproof Conduit Hubs.....	70.60	25.60
26 21 13 00-0029	EA 1-1/4" Weatherproof Conduit Hubs.....	98.70	34.28
26 21 13 00-0030	EA 1-1/2" Weatherproof Conduit Hubs.....	108.65	37.02
26 21 13 00-0031	EA 2" Weatherproof Conduit Hubs.....	141.15	42.96
26 21 13 00-0032	EA 2-1/2" Weatherproof Conduit Hubs.....	186.66	48.44
26 21 13 00-0033	EA 3" Weatherproof Conduit Hubs.....	241.94	57.13
26 21 13 00-0034	EA 4" Weatherproof Conduit Hubs.....	426.42	114.27
26 21 13 00-0035	Service Entrance Cap, Threaded Weatherhead, Galvanized <small>(26 21 13 00-0002)</small>		
26 21 13 00-0036	EA 1/2" Galvanized Threaded Service Entrance Weatherhead Cap For #14 Through #10 AWG Cable Service.....	59.58	20.11
26 21 13 00-0037	EA 3/4" Galvanized Threaded Service Entrance Weatherhead Cap For #12 Through #8 AWG Cable Service.....	68.35	22.85
26 21 13 00-0038	EA 1" Galvanized Threaded Service Entrance Weatherhead Cap For #6 AWG Cable Service.....	78.31	25.60
26 21 13 00-0039	EA 1-1/4" Galvanized Threaded Service Entrance Weatherhead Cap For #4 Through #2 AWG Cable Service.....	105.24	34.28
26 21 13 00-0040	EA 1-1/2" Galvanized Threaded Service Entrance Weatherhead Cap For #4 Through #2 AWG Cable Service.....	119.18	37.02
26 21 13 00-0041	EA 2" Galvanized Threaded Service Entrance Weatherhead Cap For 1/0 Through 2/0 AWG Cable Service.....	157.14	42.96
26 21 13 00-0042	EA 2-1/2" Galvanized Threaded Service Entrance Weatherhead Cap For 3/0 Through 4/0 Cable Service.....	266.65	48.44
26 21 13 00-0043	EA 3" Galvanized Threaded Service Entrance Weatherhead Cap For 250 Through 350 MCM Cable Service.....	303.35	57.13
26 21 13 00-0044	EA 4" Galvanized Threaded Service Entrance Weatherhead Cap For 600 Through 750 MCM Cable Service.....	496.83	114.27
26 21 13 00-0045	Service Entrance Cap, Clamp-On Weatherhead, Aluminum <small>(26 21 13 00-0002)</small>		
26 21 13 00-0046	EA 1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #14 To #12 AWG Cable Service.....	57.55	20.11
26 21 13 00-0047	EA 3/4" Aluminum Clamp-On Service Entrance Weatherhead Cap For #10 To #8 AWG Cable Service.....	64.93	22.85
26 21 13 00-0048	EA 1" Aluminum Clamp-On Service Entrance Weatherhead Cap For #6 AWG Cable Service.....	73.69	25.48
26 21 13 00-0049	EA 1-1/4" Aluminum Clamp-On Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service.....	97.94	34.28
26 21 13 00-0050	EA 1-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service.....	109.32	37.02
26 21 13 00-0051	EA 2" Aluminum Clamp-On Service Entrance Weatherhead Cap For 1/0 To 2/0 AWG Cable Service.....	128.96	42.96
26 21 13 00-0052	EA 2-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For 3/0 To 4/0 Cable Service.....	213.80	48.44
26 21 13 00-0053	EA 3" Aluminum Clamp-On Service Entrance Weatherhead Cap For 250 To 350 MCM Cable Service.....	276.77	57.13
26 21 13 00-0054	EA 3-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For 400 To 500 MCM Cable Service.....	389.15	85.70
26 21 13 00-0055	EA 4" Aluminum Clamp-On Service Entrance Weatherhead Cap For 600 To 750 MCM Cable Service.....	465.19	114.27
26 21 13 00-0056	Service Entrance Cap, Threaded Weatherhead, Polyvinyl Chloride (PVC) <small>(26 21 13 00-0002)</small>		
26 21 13 00-0057	EA 1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #14 To #12 AWG Cable Service.....	55.61	20.11
26 21 13 00-0058	EA 3/4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #10 To #8 AWG Cable Service.....	63.66	22.85
26 21 13 00-0059	EA 1" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #6 AWG Cable Service.....	72.39	25.48
26 21 13 00-0060	EA 1-1/4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service.....	96.39	34.28
26 21 13 00-0061	EA 1-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service.....	105.07	37.02
26 21 13 00-0062	EA 2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 1/0 To 2/0 AWG Cable Service.....	129.52	42.96
26 21 13 00-0063	EA 2-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 3/0 To 4/0 Cable Service.....	222.91	48.44
26 21 13 00-0064	EA 3" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 250 To 350 MCM Cable Service.....	249.01	57.13
26 21 13 00-0065	EA 3-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 400 To 500 MCM Cable Service.....	431.29	85.70
26 21 13 00-0066	EA 4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 600 To 750 MCM Cable Service.....	598.55	114.27
26 21 16	Low-Voltage Underground Electrical Service Entrance <small>(26 21)</small>		
26 21 16 00-0001	Aluminum Triplex For Underground Service, Direct Burial <small>(26 21 16)</small>		
	Note: Excludes excavation and backfill.		

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 21 16 00-0002	MLF	#6 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	4,799.84	1,150.41
26 21 16 00-0003	MLF	#4 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	5,602.19	1,218.10
26 21 16 00-0004	MLF	#2 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	6,781.31	1,294.20
26 21 16 00-0005	MLF	1/0 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	8,300.73	1,294.20
26 21 16 00-0006	MLF	2/0 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	9,305.78	1,380.52
26 21 16 00-0007	MLF	3/0 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	11,107.69	1,592.90
26 21 16 00-0008	MLF	4/0 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	13,485.90	2,070.72

26 22 Low-Voltage Transformers (26 20)

26 22 13 Low-Voltage Distribution Transformers (26 22)

26 22 13 00-0001 Single Phase General Purpose "Dry Type" Transformers (26 22 13)

Note: 60 HZ type EP and EPT 115 C rise, 185 C insulation, type DT-3 and DS-3 150 C rise, 220 C insulation. Indoor Use. Wall mounted for up to 10 KVA, floor mounted for 15 KVA and larger. DT-3 and DS-3 use weathershields for outdoor placement. UL listed.

26 22 13 00-0002 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers (26 22 13 00-0001)

Note: 2-2.5 Percent taps above and 4-2.5 percent taps below.

26 22 13 00-0003	EA	1 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	1,093.30	293.64
26 22 13 00-0004	EA	3 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	1,475.10	352.36
26 22 13 00-0005	EA	5 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	1,835.80	367.63
26 22 13 00-0006	EA	7.5 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	2,199.65	381.73
26 22 13 00-0007	EA	10 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	3,073.39	411.09
26 22 13 00-0008	EA	15 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	3,644.47	440.45
		<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	138.18	
		<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	207.27	
26 22 13 00-0009	EA	25 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	3,989.89	469.82
		<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	152.51	
		<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	228.77	
26 22 13 00-0010	EA	37.5 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	3,900.55	528.55
		<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	142.17	
		<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	213.26	
26 22 13 00-0011	EA	50 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	4,634.52	587.27
		<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	173.00	
		<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	259.50	
26 22 13 00-0012	EA	75 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	6,099.48	704.73
		<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	234.50	
		<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	351.75	
26 22 13 00-0013	EA	100 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	7,710.22	822.19
		<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	303.29	
		<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	454.94	
26 22 13 00-0014	EA	167 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	12,175.54	1,057.09
		<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	503.07	
		<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	754.60	
26 22 13 00-0015	EA	250 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	21,671.37	1,292.00
		<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	954.37	
		<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	1,431.55	
26 22 13 00-0016	EA	333 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	33,731.02	1,468.18
		<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	1,539.73	
		<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	2,309.60	

26 22 13 00-0017 240 x 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers (26 22 13 00-0001)

Note: 1-10 Percent x 2-5 percent FCBN taps.

26 22 13 00-0018	EA	3 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	1,239.60	352.36
26 22 13 00-0019	EA	5 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	1,458.43	367.04
26 22 13 00-0020	EA	7.5 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	1,777.82	381.73
26 22 13 00-0021	EA	10 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	2,081.43	411.09

26 22 13 00-0022 240 x 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers (26 22 13 00-0001)

Note: 2-5 Percent x 4 - 2.5 percent FCBN taps.

26 22 13 00-0023	EA	15 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	3,644.47	440.45
26 22 13 00-0024	EA	25 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	3,989.89	469.82

26 22 13 00-0025 1 Phase Mounting Brackets (26 22 13 00-0001)

26 22 13 00-0026	EA	1 Phase Mounting Brackets (Set Of 2) For Transformers Up To 100 KVA	583.51	208.78
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26 22 13 00-0027 1 Phase Weathershields (26 22 13 00-0001)

Note: Use with types DT-3 and DS-3.

26 22 13 00-0028	EA	37.5 KVA 1 Phase Weathershields, Set Of 2	99.55	
26 22 13 00-0029	EA	50 KVA 1 Phase Weathershields, Set Of 2	126.90	
26 22 13 00-0030	EA	75 KVA 1 Phase Weathershields, Set Of 2	151.32	
26 22 13 00-0031	EA	100 KVA 1 Phase Weathershields, Set Of 2	180.52	
26 22 13 00-0032	EA	167 KVA 1 Phase Weathershields, Set Of 2	244.23	
26 22 13 00-0033	EA	250 KVA 1 Phase Weathershields, Set Of 2	292.02	
26 22 13 00-0034	EA	333 KVA 1 Phase Weathershields, Set Of 2	358.39	

26 22 13 00-0035 Packaged Power Supply (26 22 13 00-0001)

Note: 2-5 Percent FCBN taps.

26 22 13 00-0036	EA	5 KVA, 480 Volt - 120/240 Volt, Transformer With 6 - 1 Pole / 3 - 2 Pole Max 20 Amperes Breakers	2,197.66	367.04
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26 Electrical
26 20 Low-Voltage Electrical Distribution
26 22 Low-Voltage Transformers

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0037	EA		7.5 KVA, 480 Volt - 120/240 Volt, Transformer With 8 - 1 Pole / 4 - 2 Pole Max 30 Amperes Breakers	2,474.78	381.73
26 22 13 00-0038	EA		10 KVA, 480 Volt - 120/240 Volt, Transformer With 10 - 1 Pole / 5 - 2 Pole Max 40 Amperes Breakers	2,681.10	411.09
26 22 13 00-0039	EA		15 KVA, 480 Volt - 120/240 Volt, Transformer With 16 - 1 Pole / 8 - 2 Pole Max 60 Amperes Breakers	3,293.57	440.45
26 22 13 00-0040	EA		25 KVA, 480 Volt - 120/240 Volt, Transformer With 24 - 1 Pole / 12 - 2 Pole Max 100 Amperes Breakers	4,538.31	469.82
26 22 13 00-0041			240 Volt, 120/240 Volt, Single Phase Isolation Transformer Computer Grade <small>(26 22 13 00-0001)</small>		
26 22 13 00-0042	EA		0.5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	1,630.26	264.27
26 22 13 00-0043	EA		1 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	2,299.56	293.64
26 22 13 00-0044	EA		2.5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	2,682.49	352.36
26 22 13 00-0045	EA		5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	2,964.05	367.04
26 22 13 00-0046	EA		7.5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	3,338.52	381.73
26 22 13 00-0047	EA		10 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	4,299.86	411.09
26 22 13 00-0048	EA		15 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	5,574.44	440.45
26 22 13 00-0049			1 Phase, 208/600 Volt, Dry General Purpose Transformer <small>(26 22 13 00-0001)</small>		
26 22 13 00-0050	EA		15 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	6,854.92	440.45
26 22 13 00-0051	EA		25 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	7,111.65	469.82
26 22 13 00-0052	EA		30 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	7,389.47	499.18
26 22 13 00-0053	EA		37.5 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	9,739.51	528.55
26 22 13 00-0054	EA		45 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	10,121.70	557.91
26 22 13 00-0055	EA		50 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	13,483.58	587.27
26 22 13 00-0056			3 Phase General Purpose "Dry Type" Transformer <small>(26 22 13)</small> Note: 60 HZ type EP and EPT 115 C rise, 185 C insulation, type DT-3 and DS-3 150 C rise, 220 C insulation. Indoor use. Wall mounted for up to 10 KVA, floor mounted for 15 KVA and larger. DT-3 and DS-3 use weathershields for outdoor placement. UL listed.		
26 22 13 00-0057			Packaged Power Supply <small>(26 22 13 00-0056)</small> Note: 2-5 Percent FCBN taps.		
26 22 13 00-0058	EA		15 KVA, 480 Volt - 208/120 Volt, Transformer With 12 - 1 Pole / 4 - 3 Pole Max, 40 Amperes Breakers	9,540.46	1,262.63
			<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	350.76	
			<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	526.14	
26 22 13 00-0059	EA		22.5 KVA, 480 Volt - 208/120 Volt, Transformer With 18 - 1 Pole / 6 - 3 Pole Max, 60 Amperes Breakers	11,394.79	1,350.73
			<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	434.67	
			<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	652.00	
26 22 13 00-0060	EA		30 KVA, 480 Volt - 208/120 Volt, Transformer With 24 - 1 Pole / 8 - 3 Pole Max, 80 Amperes Breakers	13,602.96	1,468.18
			<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	533.33	
			<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	800.00	
26 22 13 00-0061			Drive Isolation Transformers <small>(26 22 13 00-0056)</small> Note: Only use in step-up applications.		
26 22 13 00-0062			230 Volt Drive Isolation Transformers <small>(26 22 13 00-0061)</small>		
26 22 13 00-0063	EA		7.5 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	7,148.55	469.82
26 22 13 00-0064	EA		11 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	8,368.56	499.18
26 22 13 00-0065	EA		15 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	8,659.54	528.55
26 22 13 00-0066	EA		20 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	10,226.37	557.91
26 22 13 00-0067	EA		27 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	10,582.27	616.63
26 22 13 00-0068	EA		34 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	11,634.94	675.37
26 22 13 00-0069	EA		40 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	13,158.30	734.09
26 22 13 00-0070	EA		51 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	15,313.28	822.19
26 22 13 00-0071	EA		63 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	16,576.64	851.55
26 22 13 00-0072	EA		75 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	19,146.81	880.91
26 22 13 00-0073	EA		93 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	24,107.63	910.27
26 22 13 00-0074	EA		118 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	27,054.94	1,115.82
26 22 13 00-0075	EA		145 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	30,185.51	1,174.55
26 22 13 00-0076	EA		175 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	34,591.92	1,233.27
26 22 13 00-0077	EA		220 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	42,199.67	1,468.18
26 22 13 00-0078	EA		275 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	55,932.63	1,732.46
26 22 13 00-0079	EA		330 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	59,028.69	1,908.64
26 22 13 00-0080	EA		440 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	71,910.27	2,114.18
26 22 13 00-0081	EA		550 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	88,786.51	2,349.09
26 22 13 00-0082			208V Drive Isolation Transformers <small>(26 22 13 00-0061)</small>		
26 22 13 00-0083	EA		7.5 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	7,464.59	469.82
26 22 13 00-0084	EA		11 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	8,743.71	499.18
26 22 13 00-0085	EA		15 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	9,046.50	528.55
26 22 13 00-0086	EA		20 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	10,690.10	557.91
26 22 13 00-0087	EA		27 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	11,058.13	616.63
26 22 13 00-0088	EA		30 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	12,099.67	646.00
26 22 13 00-0089	EA		45 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	13,812.05	763.45
26 22 13 00-0090	EA		51 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	16,009.03	822.19
26 22 13 00-0091	EA		63 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	17,333.70	851.55
26 22 13 00-0092	EA		75 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	20,031.70	880.91
26 22 13 00-0093	EA		93 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	25,242.05	910.27
26 22 13 00-0094	EA		118 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	28,318.44	1,115.82
26 22 13 00-0095	EA		145 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	31,602.38	1,174.55
26 22 13 00-0096	EA		175 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	36,227.11	1,233.27
26 22 13 00-0097	EA		220 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	44,198.18	1,468.18

MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 22 13 00-0098	480 Volt x 208Y/120 Volt, 2-2.5 Percent FCBN Taps <small>(26 22 13 00-0056)</small>		
26 22 13 00-0099	EA 9 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	5,014.67	484.50
26 22 13 00-0100	EA 15 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	6,608.24	528.55
	<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	277.56	
	<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	416.34	
26 22 13 00-0101	480 Volt x 208Y/120 Volt, 2-2.5 Percent FCAN And 4-2.5 Percent FCBN Taps <small>(26 22 13 00-0056)</small>		
26 22 13 00-0102	EA 30 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	7,389.79	646.00
	<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	304.89	
	<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	457.33	
	<i>For K4 Factor Rating, Add</i>	4,268.45	
	<i>For K13 Factor Rating, Add</i>	6,097.79	
	<i>For K20 Factor Rating, Add</i>	7,927.13	
26 22 13 00-0103	EA 37.5 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	8,946.66	704.73
	<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	376.86	
	<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	565.29	
	<i>For K4 Factor Rating, Add</i>	5,276.05	
	<i>For K13 Factor Rating, Add</i>	7,537.21	
	<i>For K20 Factor Rating, Add</i>	9,798.37	
26 22 13 00-0104	EA 45 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	9,344.91	763.45
	<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	390.90	
	<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	586.35	
	<i>For K4 Factor Rating, Add</i>	5,472.60	
	<i>For K13 Factor Rating, Add</i>	7,818.00	
	<i>For K20 Factor Rating, Add</i>	10,163.40	
26 22 13 00-0105	EA 50 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	12,329.83	822.19
	<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	534.27	
	<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	801.41	
	<i>For K4 Factor Rating, Add</i>	7,479.83	
	<i>For K13 Factor Rating, Add</i>	10,685.47	
	<i>For K20 Factor Rating, Add</i>	13,891.11	
26 22 13 00-0106	EA 75 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	12,135.80	880.91
	<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	518.70	
	<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	778.05	
	<i>For K4 Factor Rating, Add</i>	7,261.79	
	<i>For K13 Factor Rating, Add</i>	10,373.98	
	<i>For K20 Factor Rating, Add</i>	13,486.17	
26 22 13 00-0107	EA 112.5 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	15,119.17	1,057.09
	<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	650.25	
	<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	975.37	
	<i>For K4 Factor Rating, Add</i>	9,103.49	
	<i>For K13 Factor Rating, Add</i>	13,004.99	
	<i>For K20 Factor Rating, Add</i>	16,906.49	
26 22 13 00-0108	EA 150 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	19,693.25	1,174.55
	<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	867.21	
	<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	1,300.81	
	<i>For K4 Factor Rating, Add</i>	12,140.91	
	<i>For K13 Factor Rating, Add</i>	17,344.16	
	<i>For K20 Factor Rating, Add</i>	22,547.41	
26 22 13 00-0109	EA 225 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	26,900.56	1,468.18
	<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	1,198.21	
	<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	1,797.32	
	<i>For K4 Factor Rating, Add</i>	16,774.94	
	<i>For K13 Factor Rating, Add</i>	23,964.20	
	<i>For K20 Factor Rating, Add</i>	31,153.46	
26 22 13 00-0110	EA 300 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	32,779.78	1,820.54
	<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	1,456.93	
	<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	2,185.40	
	<i>For K4 Factor Rating, Add</i>	20,397.08	
	<i>For K13 Factor Rating, Add</i>	29,138.69	
	<i>For K20 Factor Rating, Add</i>	37,880.30	
26 22 13 00-0111	EA 500 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	47,132.16	2,231.63
	<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	2,133.44	
	<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	3,200.17	
	<i>For K4 Factor Rating, Add</i>	29,868.22	
	<i>For K13 Factor Rating, Add</i>	42,668.89	
	<i>For K20 Factor Rating, Add</i>	55,469.56	
26 22 13 00-0112	EA 750 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	109,482.08	2,692.65
	<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	5,203.96	
	<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	7,805.94	
	<i>For K4 Factor Rating, Add</i>	72,855.43	
	<i>For K13 Factor Rating, Add</i>	104,079.18	
	<i>For K20 Factor Rating, Add</i>	135,302.93	
26 22 13 00-0113	EA 1,000 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	144,440.64	2,936.36
	<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	6,928.40	
	<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	10,392.59	
	<i>For K4 Factor Rating, Add</i>	96,997.54	
	<i>For K13 Factor Rating, Add</i>	138,567.91	
	<i>For K20 Factor Rating, Add</i>	180,138.28	
26 22 13 00-0114	480 Volt x 208Y/120 Volt, 2-2.5 Percent FCAN And 2-2.5 Percent FCBN Taps <small>(26 22 13 00-0056)</small>		

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 22 Low-Voltage Transformers**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 22 13 00-0115	EA 6 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry..... <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	4,063.44 2,207.22 3,153.17 4,099.12	455.14
26 22 13 00-0116	EA 9 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry..... <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	5,014.67 2,831.97 4,045.67 5,259.37	484.50
26 22 13 00-0117	EA 15 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	6,608.24 277.56 416.34 3,885.81 5,551.15 7,216.50	528.55
26 22 13 00-0118	480 Volt x 480Y/277 Volt, 2-2.5 Percent FCAN And 4 Percent FCBN Taps		
26 22 13 00-0119	EA 30 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	12,899.40 580.37 870.56 8,125.18 11,607.40 15,089.62	646.00
26 22 13 00-0120	EA 45 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	14,443.63 645.84 968.75 9,041.70 12,916.72 16,791.74	763.45
26 22 13 00-0121	EA 75 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	21,406.62 982.24 1,473.36 13,751.36 19,644.80 25,538.24	880.91
26 22 13 00-0122	EA 112.5 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	26,893.30 1,238.96 1,858.43 17,345.38 24,779.12 32,212.86	1,057.09
26 22 13 00-0123	EA 150 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	32,429.27 1,504.01 2,256.01 21,056.13 30,080.18 39,104.23	1,174.55
26 22 13 00-0124	EA 225 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	41,583.55 1,932.36 2,898.54 27,053.03 38,647.19 50,241.35	1,468.18
26 22 13 00-0125	EA 300 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	50,546.36 2,345.26 3,517.90 32,833.69 46,905.27 60,976.85	1,820.54
26 22 13 00-0126	EA 500 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	81,502.65 3,851.97 5,777.95 53,927.57 77,039.38 100,151.19	2,231.63
26 22 13 00-0127	3 Phase 60 Hz K20 Dry Type Transformers (26 22 13 00-0056)		
26 22 13 00-0128	3 Phase 60 Hz K20 Dry Type Transformers, 115 C Rise (26 22 13 00-0127) Note: 220 C insulation 480 V-208 Y/120 V. 2-2.5 Percent above and 4-2.5 percent taps below.		
26 22 13 00-0129	EA 15 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20.....	6,161.99	528.55
26 22 13 00-0130	EA 30 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20.....	9,378.44	646.00
26 22 13 00-0131	EA 45 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20.....	13,840.46	763.45
26 22 13 00-0132	EA 75 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20.....	17,723.83	880.91
26 22 13 00-0133	EA 112.5 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20.....	26,736.38	1,057.09
26 22 13 00-0134	EA 150 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20.....	32,566.57	1,174.55
26 22 13 00-0135	EA 225 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20.....	37,832.11	1,468.18
26 22 13 00-0136	EA 300 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20.....	60,300.10	1,820.54
26 22 13 00-0137	3 Phase 60 Hz K20 Dry Type Transformers, 80 C Rise (26 22 13 00-0127) Note: 220 C insulation 480 V-208 Y/120 V. 2-2.5 Percent above and 4-2.5 percent taps below.		
26 22 13 00-0138	EA 15 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20.....	7,186.89	528.55
26 22 13 00-0139	EA 30 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20.....	10,996.71	646.00
26 22 13 00-0140	EA 45 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20.....	16,302.19	763.45
26 22 13 00-0141	EA 75 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20.....	20,911.33	880.91
26 22 13 00-0142	EA 112.5 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20.....	31,659.84	1,057.09
26 22 13 00-0143	EA 150 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20.....	38,613.02	1,174.55

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 22 13 00-0144	EA			225 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	44,810.28	1,468.18
26 22 13 00-0145	EA			300 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	71,632.88	1,820.54
26 22 13 00-0146				NEMA Premium Efficient Dry Type Transformers <small>(26 22 13 00-0056)</small>		
26 22 13 00-0147				Aluminum Windings, NEMA Premium Efficient Dry Type Transformers <small>(26 22 13 00-0146)</small>		
				Note: Two taps at 2.5%, four at -2.5%.		
26 22 13 00-0148				150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers <small>(26 22 13 00-0147)</small>		
26 22 13 00-0149	EA			15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	3,253.18	526.83
26 22 13 00-0150	EA			30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	3,968.73	643.90
26 22 13 00-0151	EA			45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	4,779.60	760.97
26 22 13 00-0152	EA			75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	6,372.03	878.04
26 22 13 00-0153	EA			112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	8,486.79	1,053.65
26 22 13 00-0154	EA			150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	10,513.42	1,170.72
26 22 13 00-0155	EA			225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	13,911.11	1,463.40
26 22 13 00-0156	EA			300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	19,505.60	1,814.62
26 22 13 00-0157				115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers <small>(26 22 13 00-0147)</small>		
26 22 13 00-0158	EA			15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	3,914.96	526.83
26 22 13 00-0159	EA			30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	4,770.35	643.90
26 22 13 00-0160	EA			45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	5,757.11	760.97
26 22 13 00-0161	EA			75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	7,757.04	878.04
26 22 13 00-0162	EA			112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	9,916.33	1,053.65
26 22 13 00-0163	EA			150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	12,965.02	1,170.72
26 22 13 00-0164	EA			225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	17,206.62	1,463.40
26 22 13 00-0165	EA			300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	24,268.51	1,814.62
26 22 13 00-0166				80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers <small>(26 22 13 00-0147)</small>		
26 22 13 00-0167	EA			15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	4,574.07	526.83
26 22 13 00-0168	EA			30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	5,574.19	643.90
26 22 13 00-0169	EA			45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	6,734.64	760.97
26 22 13 00-0170	EA			75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	9,139.82	878.04
26 22 13 00-0171	EA			112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	11,719.96	1,053.65
26 22 13 00-0172	EA			150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	15,416.62	1,170.72
26 22 13 00-0173	EA			225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	20,502.14	1,463.40
26 22 13 00-0174	EA			300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	29,031.42	1,814.62
26 22 13 00-0175				Copper Windings, NEMA Premium Efficient Dry Type Transformers <small>(26 22 13 00-0146)</small>		
				Note: Two taps at 2.5%, four at -2.5%.		
26 22 13 00-0176				150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers <small>(26 22 13 00-0175)</small>		
26 22 13 00-0177	EA			15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	4,353.62	526.83
26 22 13 00-0178	EA			30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	5,306.98	643.90
26 22 13 00-0179	EA			45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	6,407.31	760.97
26 22 13 00-0180	EA			75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	8,678.89	878.04
26 22 13 00-0181	EA			112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	11,746.67	1,053.65
26 22 13 00-0182	EA			150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	14,684.03	1,170.72

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 22 Low-Voltage Transformers**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 22 13 00-0183	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	19,515.71		1,463.40
26 22 13 00-0184	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	27,608.56		1,814.62
26 22 13 00-0185		115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers <small>(26 22 13 00-0175)</small>			
26 22 13 00-0186	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	5,012.73		526.83
26 22 13 00-0187	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	6,110.83		643.90
26 22 13 00-0188	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	7,384.84		760.97
26 22 13 00-0189	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	10,063.90		878.04
26 22 13 00-0190	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	15,255.96		1,053.65
26 22 13 00-0191	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	19,195.32		1,170.72
26 22 13 00-0192	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	24,494.62		1,463.40
26 22 13 00-0193	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	36,401.80		1,814.62
26 22 13 00-0194		80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers <small>(26 22 13 00-0175)</small>			
26 22 13 00-0195	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	5,674.05		526.83
26 22 13 00-0196	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	6,914.66		643.90
26 22 13 00-0197	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	8,362.35		760.97
26 22 13 00-0198	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	11,446.68		878.04
26 22 13 00-0199	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	18,074.97		1,053.65
26 22 13 00-0200	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	23,285.78		1,170.72
26 22 13 00-0201	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	29,471.29		1,463.40
26 22 13 00-0202	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	43,424.81		1,814.62
26 22 13 00-0203		3 Phase Weathershields <small>(26 22 13 00-0056)</small> Note: Use with type DT-3 and DS-3.			
26 22 13 00-0204	EA	45-112.5 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2	1,348.56		
26 22 13 00-0205	EA	150-300 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2	2,290.10		
26 22 13 00-0206	EA	500-1,000 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2	2,290.10		
26 22 13 00-0207		Three Phase Mounting Brackets <small>(26 22 13 00-0056)</small>			
26 22 13 00-0208	EA	3 Phase Mounting Brackets (Set Of 2) For Transformers Up To 112.5 KVA.....	1,137.43		208.78
26 22 13 00-0209		Pad Mounted Commercial Type Distribution Transformers UL Listed <small>(26 22 13)</small>			
26 22 13 00-0210		Distribution 3 Phase Oil Filled Transformer <small>(26 22 13 00-0209)</small> Note: Designed for loads as shopping centers, institutions, and industrial plants with underground distribution. KVA-75 thru 1000, 3 phase 95 thru 150 KV BIL standard features. With taps 4-1/2 percent below - 2-1/2 percent above and below.			
26 22 13 00-0211		Primary 4.16 / 4.8 KV, Ground Y / 13.8 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 95 KV BIL <small>(26 22 13 00-0210)</small> Note: Rated to 5 KVA.			
26 22 13 00-0212	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	33,429.06		1,404.86
26 22 13 00-0213	EA	112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	37,700.99		1,404.86
26 22 13 00-0214	EA	150 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	43,493.90		2,423.39
26 22 13 00-0215	EA	225 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	51,419.12		2,423.39
26 22 13 00-0216	EA	300 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	58,222.14		3,629.22
26 22 13 00-0217	EA	500 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	79,228.10		4,799.94
26 22 13 00-0218	EA	750 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	105,065.84		6,087.73
26 22 13 00-0219	EA	1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	121,973.53		7,375.53

	MINOR	DESCRIPTION	TOTAL DIRECT	DEMOLITION
	CSI		UNIT COST	UNIT COST

26 22 13 00-0220		Primary 4.16 / 4.8 KV, Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 95 BIL <small>(26 22 13 00-0210)</small> Note: Rated to 5 KVA.		
26 22 13 00-0221	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	33,429.06	1,404.86
26 22 13 00-0222	EA	112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	37,700.99	1,404.86
26 22 13 00-0223	EA	150 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	43,493.90	2,423.39
26 22 13 00-0224	EA	225 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	51,653.98	2,423.39
26 22 13 00-0225	EA	300 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	58,839.91	3,629.22
26 22 13 00-0226	EA	500 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	79,374.27	4,799.94
26 22 13 00-0227	EA	750 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	117,416.00	6,087.73
26 22 13 00-0228	EA	1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	124,613.06	7,375.53
26 22 13 00-0229		Factory Modifications <small>(26 22 13 00-0210)</small> Note: For use with series 4100 3 phase transformers.		
26 22 13 00-0230	EA	Current Limiting Fuse 95 KV Series 4100, 3 Phase Transformer, Factory Modification	2,471.05	
26 22 13 00-0231	EA	Lightning Arrestors 9-10 KV Series 4100, 3 Phase Transformer, Factory Modification	401.82	
26 22 13 00-0232	EA	Loadbreaker Oil Switch, 2 Position Series 4100, 3 Phase Transformer, Factory Modification	1,607.28	
26 22 13 00-0233	EA	Loop Feed Air Switch Series 4100, 3 Phase Transformer, Factory Modification	4,630.67	
26 22 13 00-0234	EA	Loadbreaker Inserts Series 4100, 3 Phase Transformer, Factory Modification	567.28	
26 22 13 00-0235	EA	Lightning Arrestors, 15 KV Series 4100, 3 Phase Transformer, Factory Modification	449.09	
26 22 13 00-0236		Accessories For Transformer Liquid Containment Area <small>(26 22 13 00-0210)</small> Note: Reinforced concrete curb with 6" slab.		
26 22 13 00-0237	EA	Containment Area For 75 KVA	6,958.02	2,099.34
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,399.58	
26 22 13 00-0238	EA	Containment Area For 112.5 KVA	6,958.02	2,099.34
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,399.58	
26 22 13 00-0239	EA	Containment Area For 150 KVA	6,958.02	2,099.34
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,399.58	
26 22 13 00-0240	EA	Containment Area For 225 KVA	6,958.02	2,099.34
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,399.58	
26 22 13 00-0241	EA	Containment Area For 300 KVA	6,950.49	2,099.34
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,397.33	
26 22 13 00-0242	EA	Containment Area For 500 KVA	6,950.49	2,099.34
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,397.33	
26 22 13 00-0243	EA	Containment Area For 750 KVA	7,016.67	2,099.34
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,397.33	
26 22 13 00-0244	EA	Containment Area For 1,000 KVA	7,976.31	2,099.34
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,397.33	
26 22 13 00-0245		Primary 4.16 / 4.8 KV, Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 95 KV BIL <small>(26 22 13 00-0210)</small> Note: Rated to 5 KVA.		
26 22 13 00-0246	EA	45 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	15,134.28	1,404.86
26 22 13 00-0247	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	16,552.46	1,404.86
26 22 13 00-0248	EA	112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	17,497.92	1,404.86
26 22 13 00-0249	EA	150 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	20,334.30	1,404.86
26 22 13 00-0250	EA	225 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	21,750.41	2,107.29
26 22 13 00-0251	EA	300 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	22,695.87	2,107.29
26 22 13 00-0252	EA	500 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	34,041.39	2,107.29
26 22 13 00-0253	EA	750 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	43,504.98	2,809.72
26 22 13 00-0254	EA	1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	55,795.96	2,809.72
26 22 13 00-0255		Primary 4.16 / 4.8 KV, Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 95 BIL <small>(26 22 13 00-0210)</small> Note: Rated to 5 KVA.		
26 22 13 00-0256	EA	45 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	15,607.00	1,404.86
26 22 13 00-0257	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	17,497.92	1,404.86
26 22 13 00-0258	EA	112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	17,970.65	1,404.86
26 22 13 00-0259	EA	150 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	18,443.38	1,404.86

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 22 Low-Voltage Transformers

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 22 13 00-0260	EA	225 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	21,750.41	2,107.29
26 22 13 00-0261	EA	300 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	23,641.33	2,107.29
26 22 13 00-0262	EA	500 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	34,041.39	2,107.29
26 22 13 00-0263	EA	750 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	43,977.71	2,809.72
26 22 13 00-0264	EA	1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	55,795.96	2,809.72

26 22 13 00-0265 Primary 5 KV Or 15 KV, Secondary 277/480 Volt (26 22 13 00-0209)

Note: 4-2.5 Percent taps FCAN and FCBN. Pad mounted.

26 22 13 00-0266	EA	150 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	57,736.84	1,874.28
26 22 13 00-0267	EA	225 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	62,950.92	2,212.62
26 22 13 00-0268	EA	300 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	70,530.64	2,704.32
26 22 13 00-0269	EA	500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	84,134.26	3,042.65
26 22 13 00-0270	EA	750 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	103,820.07	3,202.70
26 22 13 00-0271	EA	1,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	124,968.34	4,679.61
26 22 13 00-0272	EA	1,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	147,250.18	5,294.23
26 22 13 00-0273	EA	2,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	184,699.87	6,085.32
26 22 13 00-0274	EA	2,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	204,610.35	6,389.58
26 22 13 00-0275	EA	3,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	215,530.66	7,120.06
26 22 13 00-0276	EA	3,750 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	248,186.44	7,606.89

26 22 13 00-0277 Pad Mounted Transformer 15 KV - 480 Volt, Oil Filled (26 22 13 00-0209)

26 22 13 00-0278	EA	1,500 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	98,819.15	5,217.30
26 22 13 00-0279	EA	2,000 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	121,770.96	5,999.93
26 22 13 00-0280	EA	2,500 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	138,668.14	6,315.67
26 22 13 00-0281	EA	3,000 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	147,140.00	7,058.72
26 22 13 00-0282	EA	3,750 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	165,224.48	7,272.62

26 22 13 00-0283 Silicone Filled Distribution Transformers, 3 Phase (26 22 13 00-0209)

Note: Primary 5 KV or 15 KV, secondary 277/480 V, 4-2.5 percent taps FCAN and FCBN. Pad mounted.

26 22 13 00-0284	EA	225 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	100,543.24	2,212.62
26 22 13 00-0285	EA	300 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	107,668.85	2,704.32
26 22 13 00-0286	EA	500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	126,246.59	3,042.65
26 22 13 00-0287	EA	750 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	153,393.58	3,202.70
26 22 13 00-0288	EA	1,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	183,176.70	4,679.61
26 22 13 00-0289	EA	1,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	233,514.80	5,294.23
26 22 13 00-0290	EA	2,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	284,349.89	6,085.32
26 22 13 00-0291	EA	2,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	325,750.97	6,389.58

26 22 13 00-0292 Foam Core Poly Transformer Pads (26 22 13)

26 22 13 00-0293	EA	Single Phase Foam Core Poly Pads	363.67	39.60
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Note: Excludes site prep.

26 24 Switchboards and Panelboards (26 20)

26 24 13 Switchboards (26 24)

Note: Installation of free-standing building distribution switchboards. Switchboard sections to be mounted on 4" concrete pad. Includes material, handling, unloading at job site, assembly and installation, wiring connections, testing and cleanup. Exclude concrete pad and foundation.

26 24 13 00-0001 Fusible Switch Type 240 Volt, 3 Phase, 3 Wire (26 24 13)

26 24 13 00-0002 Incoming Service Section Main Device Only (26 24 13 00-0001)

Note: Copper bus, non-metering type, with fuses.

26 24 13 00-0003	EA	400 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	3,869.27	999.46
26 24 13 00-0004	EA	600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	4,276.21	1,057.17
26 24 13 00-0005	EA	800 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	6,835.73	1,199.19
26 24 13 00-0006	EA	1,200 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	7,362.66	1,285.57
26 24 13 00-0007	EA	1,600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	11,717.63	1,370.70
26 24 13 00-0008	EA	2,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	13,055.98	1,457.43
26 24 13 00-0009	EA	400 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	4,655.24	999.46
26 24 13 00-0010	EA	600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	5,932.65	1,057.17
26 24 13 00-0011	EA	800 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	8,230.71	1,200.22
26 24 13 00-0012	EA	1,200 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	11,209.61	1,285.57
26 24 13 00-0013	EA	1,600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	11,717.63	1,372.08
26 24 13 00-0014	EA	2,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	13,055.98	1,457.43
26 24 13 00-0015	EA	2,500 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	15,658.70	1,523.70
26 24 13 00-0016	EA	3,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	17,739.89	1,632.37
26 24 13 00-0017	EA	4,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	20,915.86	1,759.66
26 24 13 00-0018	EA	400 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	2,655.91	885.55
26 24 13 00-0019	EA	600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	2,928.36	942.79
26 24 13 00-0020	EA	800 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,354.99	1,085.27
26 24 13 00-0021	EA	1,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,612.70	1,130.86
26 24 13 00-0022	EA	1,200 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,841.67	1,171.66
26 24 13 00-0023	EA	1,600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,205.26	1,256.22
26 24 13 00-0024	EA	2,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,545.84	1,342.37

	MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 24 13 00-0025		Branch Breaker Units <small>(26 24 13 00-0001)</small> Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 240 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.		
	EA	15 To 60 Amperes, 240 Volt, MC Branch Breaker.....	324.78	34.85
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.91	
	EA	70 To 100 Amperes, 240 Volt, MC Branch Breaker.....	476.37	54.85
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.91	
	EA	125 To 225 Amperes, 240 Volt, MC Branch Breaker.....	1,272.90	99.98
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	59.99	
	EA	100 To 400 Amperes, 240 Volt, MC Branch Breaker.....	2,253.35	130.27
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	78.16	
	EA	300 To 600 Amperes, 240 Volt, MC Branch Breaker.....	4,025.98	319.94
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	191.93	
	EA	400 To 800 Amperes, 240 Volt, MC Branch Breaker.....	6,418.97	319.94
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	191.93	
	EA	600 To 1,200 Amperes, 240 Volt, MC Branch Breaker.....	10,414.17	570.18
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	342.11	
26 24 13 00-0033		Fusible Switch Type 480 Volt, 3 Phase, 3 Wire <small>(26 24 13)</small>		
26 24 13 00-0034		Incoming Service Section Main Device Only <small>(26 24 13 00-0033)</small> Note: Copper bus, non-metering type, with fuses.		
	EA	400 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch.....	5,471.47	1,296.89
	EA	600 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch.....	6,102.57	1,296.89
	EA	800 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch.....	8,968.05	1,685.39
	EA	1,200 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch.....	10,149.49	1,685.39
26 24 13 00-0039		Fusible Switch Type 120/240 Volt, 1 Phase, 3 Wire <small>(26 24 13)</small>		
26 24 13 00-0040		Incoming Service Section Main Device Only <small>(26 24 13 00-0039)</small> Note: Copper bus, non-metering type, with fuses.		
	EA	200/400 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch.....	3,480.03	885.55
	EA	600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch.....	3,868.80	942.79
	EA	800 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch.....	5,877.32	1,085.27
	EA	1,200 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch.....	6,384.52	1,170.75
	EA	200/400 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker.....	4,226.14	885.55
	EA	600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker.....	5,313.20	942.79
	EA	800 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker.....	7,426.94	1,085.27
	EA	1,200 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker.....	10,610.90	1,170.75
	EA	2,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker.....	12,448.60	1,314.03
	EA	200/400 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug.....	2,457.55	771.17
	EA	600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug.....	2,749.03	828.52
	EA	800 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug.....	3,226.90	971.01
	EA	1,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug.....	3,469.59	1,016.60
	EA	1,200 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug.....	3,703.91	1,057.17
	EA	1,600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug.....	4,017.02	1,130.86
	EA	2,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug.....	4,322.74	1,199.19
	EA	2,500 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug.....	5,365.40	1,485.42
	EA	3,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug.....	6,000.93	1,628.26
	EA	4,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug.....	7,038.74	1,756.80
26 24 13 00-0060		Branch Breaker Units <small>(26 24 13 00-0039)</small> Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 240 V, 2 pole. Use upper range to determine breaker unless designing for future expansion.		
	EA	15 To 60 Amperes, 120 / 240 Volt, MC Branch Breaker.....	176.30	30.28
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.17	
	EA	70 To 100 Amperes, 120 / 240 Volt, MC Branch Breaker.....	280.39	50.28
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.17	
	EA	125 To 225 Amperes, 120 / 240 Volt, MC Branch Breaker.....	842.02	70.27
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.17	
	EA	100 To 400 Amperes, 120 / 240 Volt, MC Branch Breaker.....	2,404.52	90.27
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	54.16	
	EA	300 To 600 Amperes, 120/240 Volt, MC Branch Breaker.....	3,798.99	219.96
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	131.96	
	EA	400 To 800 Amperes, 120/240 Volt, MC Branch Breaker.....	5,386.87	219.96
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	131.96	
	EA	600 To 1,200 Amperes, 120/240 Volt, MC Branch Breaker.....	8,890.95	419.91
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	251.98	
26 24 13 00-0068		Fusible Switch Type 120/208 Volt, 3 Phase, 4 Wire <small>(26 24 13)</small>		
26 24 13 00-0069		Incoming Service Section Main Device Only <small>(26 24 13 00-0068)</small> Note: Copper bus, non-metering type, with fuses.		
	EA	400 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch.....	3,870.67	999.46
	EA	600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch.....	4,274.65	1,057.17
	EA	800 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch.....	6,833.70	1,199.19
	EA	1,200 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch.....	7,360.35	1,285.57
	EA	1,600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch.....	11,712.36	1,370.70
	EA	2,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch.....	13,055.98	1,457.43
	EA	400 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....	4,656.64	999.46
	EA	600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....	5,931.09	1,057.17
	EA	800 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....	8,230.71	1,200.22
	EA	1,200 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....	11,207.30	1,285.57

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 24 Switchboards and Panelboards

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 24 13 00-0080	EA	1,600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....	11,714.99	1,372.08
26 24 13 00-0081	EA	2,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....	13,055.98	1,457.43
26 24 13 00-0082	EA	400 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	2,780.15	885.55
26 24 13 00-0083	EA	600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	3,101.96	942.79
26 24 13 00-0084	EA	800 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	3,615.06	1,085.27
26 24 13 00-0085	EA	1,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	3,884.70	1,130.86
26 24 13 00-0086	EA	1,200 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	4,144.90	1,171.66
26 24 13 00-0087	EA	1,600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	4,497.25	1,256.22
26 24 13 00-0088	EA	2,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	4,854.56	1,342.37
26 24 13 00-0089	EA	2,500 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	5,753.61	1,525.42
26 24 13 00-0090	EA	3,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	6,358.41	1,632.26
26 24 13 00-0091	EA	4,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	7,484.19	1,753.94

26 24 13 00-0092 Branch Breaker Units (26 24 13 00-0068)

Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 120/208 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.

26 24 13 00-0093	EA	15 To 60 Amperes, 120/208 Volt, MC Branch Breaker.....	324.78	34.85
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.91	
26 24 13 00-0094	EA	70 To 100 Amperes, 120/208 Volt, MC Branch Breaker.....	476.37	54.85
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.91	
26 24 13 00-0095	EA	125 To 225 Amperes, 120/208 Volt, MC Branch Breaker.....	1,272.90	99.98
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	59.99	
26 24 13 00-0096	EA	100 To 400 Amperes, 120/208 Volt, MC Branch Breaker.....	2,253.35	130.27
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	78.16	
26 24 13 00-0097	EA	300 To 600 Amperes, 120/208 Volt, MC Branch Breaker.....	4,025.98	319.94
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	191.93	
26 24 13 00-0098	EA	400 To 800 Amperes, 120/208 Volt, MC Branch Breaker.....	6,418.97	319.94
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	191.93	
26 24 13 00-0099	EA	600 To 1,200 Amperes, 120/208 Volt, MC Branch Breaker.....	10,414.17	570.18
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	342.11	

26 24 13 00-0100 Fusible Switch Type 277/480 Volt, 3 Phase, 4 Wire (26 24 13)

26 24 13 00-0101 Incoming Service Section Main Device Only (26 24 13 00-0100)

Note: Copper bus, non-metering type, with fuses.

26 24 13 00-0102	EA	400 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch.....	5,027.62	1,370.70
26 24 13 00-0103	EA	600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch.....	5,511.93	1,457.43
26 24 13 00-0104	EA	800 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch.....	7,779.63	1,626.77
26 24 13 00-0105	EA	1,200 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch.....	8,499.20	1,741.83
26 24 13 00-0106	EA	400 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....	6,362.02	1,370.70
26 24 13 00-0107	EA	600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....	8,502.77	1,457.43
26 24 13 00-0108	EA	800 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....	9,631.09	1,628.60
26 24 13 00-0109	EA	1,200 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....	12,119.76	1,741.83
26 24 13 00-0110	EA	1,600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....	12,685.59	1,857.36
26 24 13 00-0111	EA	2,000 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....	14,086.66	1,972.76
26 24 13 00-0112	EA	400 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	2,780.15	885.55
26 24 13 00-0113	EA	600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	3,101.96	942.79
26 24 13 00-0114	EA	800 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	3,615.06	1,085.27
26 24 13 00-0115	EA	1,000 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	3,884.70	1,130.86
26 24 13 00-0116	EA	1,200 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	4,144.90	1,171.66
26 24 13 00-0117	EA	1,600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	4,497.25	1,256.22
26 24 13 00-0118	EA	2,000 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	4,854.56	1,342.37

26 24 13 00-0119 Branch Breaker Units (26 24 13 00-0100)

Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 480 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.

26 24 13 00-0120	EA	15 To 60 Amperes, 480/277 Volt, MC Branch Breaker.....	667.55	34.85
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.91	
26 24 13 00-0121	EA	70 To 100 Amperes, 480/277 Volt, MC Branch Breaker.....	771.31	54.85
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.91	
26 24 13 00-0122	EA	125 To 225 Amperes, 480/277 Volt, MC Branch Breaker.....	1,398.84	99.98
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	59.99	
26 24 13 00-0123	EA	100 To 400 Amperes, 480/277 Volt, MC Branch Breaker.....	2,253.35	130.27
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	78.16	
26 24 13 00-0124	EA	300 To 600 Amperes, 480/277 Volt, MC Branch Breaker.....	5,400.23	319.94
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	191.93	
26 24 13 00-0125	EA	400 To 800 Amperes, 480/277 Volt, MC Branch Breaker.....	5,522.99	319.94
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	191.93	
26 24 13 00-0126	EA	600 To 1,200 Amperes, 480/277 Volt, MC Branch Breaker.....	8,869.33	570.18
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	342.11	

26 24 13 00-0127 Fusible Branch Circuit Switch (26 24 13)

Note: Includes switch fuses, and portion of distribution section occupied by that branch device.

26 24 13 00-0128 240 Volt, 2 Pole Twin Branch Switch Units (26 24 13 00-0127)

26 24 13 00-0129	EA	30/30 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit.....	694.62	89.70
		<i>For Electrical Interlock Kit, Add</i>	278.71	
26 24 13 00-0130	EA	30/60 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit.....	692.23	89.70
		<i>For Electrical Interlock Kit, Add</i>	278.71	
26 24 13 00-0131	EA	60/60 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit.....	692.23	89.70
		<i>For Electrical Interlock Kit, Add</i>	278.71	
26 24 13 00-0132	EA	60/100 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit.....	1,083.58	118.27
		<i>For Electrical Interlock Kit, Add</i>	278.71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0133	EA		100/100 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit <i>For Electrical Interlock Kit, Add</i>	1,083.58 278.71	118.27
26 24 13 00-0134			240 Volt, 2 Pole Single Branch Switch Units (26 24 13 00-0127)		
26 24 13 00-0135	EA		100 Amperes, 240 Volt, 2 Pole Single Branch Switch Unit <i>For Electrical Interlock Kit, Add</i>	792.71 267.00	87.99
26 24 13 00-0136	EA		200 Amperes, 240 Volt, 2 Pole Single Branch Switch Unit <i>For Electrical Interlock Kit, Add</i>	1,150.73 267.00	87.99
26 24 13 00-0137	EA		400 Amperes, 240 Volt, 2 Pole Single Branch Switch Unit	2,959.14	237.10
26 24 13 00-0138			240 Volt, 3 Pole Twin Branch Switch Units (26 24 13 00-0127)		
26 24 13 00-0139	EA		30/30 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit <i>For Electrical Interlock Kit, Add</i>	888.36 278.71	101.13
26 24 13 00-0140	EA		30/60 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit <i>For Electrical Interlock Kit, Add</i>	885.97 278.71	101.13
26 24 13 00-0141	EA		60/60 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit <i>For Electrical Interlock Kit, Add</i>	885.97 278.71	101.13
26 24 13 00-0142	EA		60/100 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit <i>For Electrical Interlock Kit, Add</i>	1,332.50 278.71	135.40
26 24 13 00-0143	EA		100/100 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit <i>For Electrical Interlock Kit, Add</i>	1,332.50 278.71	135.40
26 24 13 00-0144			240 Volt, 3 Pole Single Branch Switch Units (26 24 13 00-0127)		
26 24 13 00-0145	EA		100 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit <i>For Electrical Interlock Kit, Add</i>	959.18 278.71	99.41
26 24 13 00-0146	EA		200 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit <i>For Electrical Interlock Kit, Add</i>	1,542.83 267.00	99.41
26 24 13 00-0147	EA		400 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	3,956.63	265.43
26 24 13 00-0148	EA		600 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	5,645.33	340.05
26 24 13 00-0149	EA		800 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	10,485.71	460.71
26 24 13 00-0150			600 Volt, 3 Pole Twin Branch Switch Units (26 24 13 00-0127)		
26 24 13 00-0151	EA		30/30 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit <i>For Electrical Interlock Kit, Add</i>	1,249.77 278.71	101.13
26 24 13 00-0152	EA		30/60 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit <i>For Electrical Interlock Kit, Add</i>	1,247.36 278.71	101.13
26 24 13 00-0153	EA		60/60 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit <i>For Electrical Interlock Kit, Add</i>	1,249.77 278.71	101.13
26 24 13 00-0154	EA		60/100 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit <i>For Electrical Interlock Kit, Add</i>	1,877.82 278.71	135.40
26 24 13 00-0155	EA		100/100 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit <i>For Electrical Interlock Kit, Add</i>	1,918.18 278.71	135.40
26 24 13 00-0156	EA		200/200 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit <i>For Electrical Interlock Kit, Add</i>	4,070.25 278.71	177.11
26 24 13 00-0157			600 Volt, 3 Pole, Single Branch Switch Units (26 24 13 00-0127)		
26 24 13 00-0158	EA		100 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit <i>For Electrical Interlock Kit, Add</i>	1,348.44 278.71	99.41
26 24 13 00-0159	EA		200 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit <i>For Electrical Interlock Kit, Add</i>	2,037.01 267.00	99.41
26 24 13 00-0160	EA		400 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit <i>For Electrical Interlock Kit, Add</i>	4,959.03 267.00	265.43
26 24 13 00-0161	EA		600 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit	6,024.74	340.05
26 24 13 00-0162	EA		800 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit	10,485.71	460.71
26 24 13 00-0163			Service And Distribution Structures (26 24 13)		
26 24 13 00-0164			Distribution Section 600 Volt, 250 Volt DC (26 24 13 00-0163)		
26 24 13 00-0165			600 Amperes, 4 Wire, Main Bus (26 24 13 00-0164)		
26 24 13 00-0166	EA		14 Watt Distribution Section, 600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	2,624.07	1,051.22
26 24 13 00-0167	EA		24 To 30 Watt Distribution Section, 600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	3,119.92	1,051.22
26 24 13 00-0168	EA		34 To 38 Watt Distribution Section, 600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	3,474.70	1,336.88
26 24 13 00-0169	EA		42 To 48 Watt Distribution Section, 600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	3,843.83	1,336.88
26 24 13 00-0170			800 Amperes, 4 Wire, Main Bus (26 24 13 00-0164)		
26 24 13 00-0171	EA		14 Watt Distribution Section, 800 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	2,960.00	1,216.90
26 24 13 00-0172	EA		24 To 30 Watt Distribution Section, 800 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	3,441.26	1,216.90
26 24 13 00-0173	EA		34 To 38 Watt Distribution Section, 800 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	3,843.83	1,508.28
26 24 13 00-0174	EA		42 To 48 Watt Distribution Section, 800 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	4,175.44	1,508.28
26 24 13 00-0175			1,200 Amperes, 4 Wire, Main Bus (26 24 13 00-0164)		
26 24 13 00-0176	EA		14 Watt Distribution Section, 1,200 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	3,479.94	1,485.42
26 24 13 00-0177	EA		24 To 30 Watt Distribution Section, 1,200 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	3,973.67	1,485.42
26 24 13 00-0178	EA		34 To 38 Watt Distribution Section, 1,200 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	4,402.16	1,828.22
26 24 13 00-0179	EA		42 To 48 Watt Distribution Section, 1,200 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	4,887.97	1,828.22

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 24 Switchboards and Panelboards

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0180			1,600 Amperes, 4 Wire, Main Bus <small>(26 24 13 00-0164)</small>		
26 24 13 00-0181	EA		14 Watt Distribution Section, 1,600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	4,265.70	1,628.26
26 24 13 00-0182	EA		24 To 30 Watt Distribution Section, 1,600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	4,859.31	1,628.26
26 24 13 00-0183	EA		34 To 38 Watt Distribution Section, 1,600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	5,369.83	2,011.04
26 24 13 00-0184	EA		42 To 48 Watt Distribution Section, 1,600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	5,793.03	2,011.04
26 24 13 00-0185			2,000 Amperes, 4 Wire, Main Bus <small>(26 24 13 00-0164)</small>		
26 24 13 00-0186	EA		14 Watt Distribution Section, 2,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	4,477.54	1,633.97
26 24 13 00-0187	EA		24 To 30 Watt Distribution Section, 2,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	5,120.91	1,839.64
26 24 13 00-0188	EA		34 To 38 Watt Distribution Section, 2,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	5,223.35	1,839.64
26 24 13 00-0189	EA		42 To 48 Watt Distribution Section, 2,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	5,447.56	1,942.48
26 24 13 00-0190			3,000 Amperes, 4 Wire, Main Bus <small>(26 24 13 00-0164)</small>		
26 24 13 00-0191	EA		24 To 30 Watt Distribution Section, 3,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	6,094.84	1,839.64
26 24 13 00-0192	EA		34 To 38 Watt Distribution Section, 3,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	6,195.75	1,839.64
26 24 13 00-0193	EA		42 To 48 Watt Distribution Section, 3,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	6,419.96	1,942.48
26 24 13 00-0194			4,000 Amperes, 4 Wire, Main Bus <small>(26 24 13 00-0164)</small>		
26 24 13 00-0195	EA		24 To 30 Watt Distribution Section, 4,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	6,241.32	1,942.48
26 24 13 00-0196	EA		34 To 38 Watt Distribution Section, 4,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	6,419.96	1,942.48
26 24 13 00-0197	EA		42 To 48 Watt Distribution Section, 4,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	6,500.93	1,942.48
26 24 13 00-0198			Pull Boy, Horizontal Mounted Across Top Of Switch Board <small>(26 24 13 00-0164)</small>		
26 24 13 00-0199	EA		18 - 24" Wide, 30" High, Open Bottom, Pull Boy Horizontal Mounted, Top Of Switchboard.....	545.10	137.11
26 24 13 00-0200	EA		Drilled Bottom For Pull Boy.....	614.89	137.11
26 24 13 00-0201	EA		Cable Supports In Pull Box.....	216.37	34.28
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.04	
26 24 13 00-0202			Underground Pull Sections <small>(26 24 13 00-0164)</small>		
			Note: Excludes no bus or terminal.		
26 24 13 00-0203	EA		12 To 20" Wide, 15 - 20" Deep, Underground Pull Section Without Bus Or Terminal.....	532.32	159.97
26 24 13 00-0204	EA		24 To 28" Wide, 20" Deep, Underground Pull Section Without Bus Or Terminal.....	912.71	205.67
26 24 13 00-0205	EA		24 To 28" Wide, 30" Deep, Underground Pull Section Without Bus Or Terminal.....	912.71	205.67
26 24 13 00-0206	EA		14 To 20" Wide, 36" Deep, Underground Pull Section Without Bus Or Terminal.....	686.62	159.97
26 24 13 00-0207	EA		28 To 30" Wide, 36" Deep, Underground Pull Section Without Bus Or Terminal.....	977.12	234.24
26 24 13 00-0208	EA		14 To 20" Wide, 42 - 60" Deep, Underground Pull Section Without Bus Or Terminal.....	1,117.44	234.24
26 24 13 00-0209	EA		26 To 30" Wide, 42 - 60" Deep, Underground Pull Section Without Bus Or Terminal.....	1,174.18	302.80
26 24 13 00-0210	EA		38" Wide, 42 - 60" Deep, Underground Pull Section Without Bus Or Terminal.....	1,243.32	302.80
26 24 13 00-0211			Switchboard Sections <small>(26 24 13 00-0163)</small>		
26 24 13 00-0212	EA		600 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit.....	4,245.42	952.16
26 24 13 00-0213	EA		800 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit.....	4,648.51	1,035.00
26 24 13 00-0214	EA		1,200 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit.....	5,834.21	1,322.49
26 24 13 00-0215	EA		1,600 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit.....	6,380.03	1,442.69
26 24 13 00-0216	EA		2,000 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit.....	6,803.68	1,535.81
26 24 13 00-0217	EA		400 Amperes, 480 Volt, Switchboard Incoming For Switch Circuit Section.....	4,995.46	835.27
26 24 13 00-0218	EA		200 Amperes, Distribution Section Subfeeder Lug-Rated.....	2,903.39	793.45
26 24 13 00-0219	EA		400 Amperes, Distribution Section Subfeeder Lug-Rated.....	3,213.65	860.41
26 24 13 00-0220	EA		120/208 Or 277/480 Volt, 4 Wire, Distribution Section Aluminum Bus.....	7,610.11	952.16
26 24 13 00-0221	EA		800 Amperes, Switchboard Distribution Section Aluminum Bus Less Breaker.....	8,166.70	954.67
26 24 13 00-0222	EA		1,000 Amperes, Switchboard Distribution Section Aluminum Bus Less Breaker.....	8,964.04	1,065.85
26 24 13 00-0223	EA		15 To 60 Amperes, 240 Volt, 1 Phase, Feed Section Circuit Breaker FA Frame.....	1,651.17	57.13
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.89	
26 24 13 00-0224	EA		70 To 100 Amperes, 240 Volt, 3 Phase, Feed Section Circuit Breaker FA Frame.....	201.18	58.16
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.22	
26 24 13 00-0225	EA		70 To 225 Amperes, 480 Volt, 3 Phase, Feed Section Circuit Breaker KA Frame.....	899.93	68.67
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	88.81	
26 24 13 00-0226	EA		125 To 400 Amperes, 480 Volt, 3 Phase, Feed Section Circuit Breaker LA Frame.....	1,484.33	147.97
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	123.66	
26 24 13 00-0227	EA		100 Amperes, 240 Volt HIC, 3 Phase, Switchboard Feed Section Branch Circuit Breaker.....	597.68	206.13
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	71.42	
26 24 13 00-0228	EA		225 Amperes, 240 Volt HIC, 3 Phase, Switchboard Feed Section Branch Circuit Breaker.....	1,653.14	119.06
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	88.81	
26 24 13 00-0229			Switchboard, Structure Per Section Copper, 480 Volt <small>(26 24 13 00-0163)</small>		
26 24 13 00-0230	EA		225 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	2,201.24	495.90
26 24 13 00-0231	EA		400 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	3,124.74	670.61
26 24 13 00-0232	EA		600 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	3,517.37	816.18
26 24 13 00-0233	EA		800 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	4,456.79	1,142.64
26 24 13 00-0234	EA		1,200 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	5,525.04	1,428.29
26 24 13 00-0235	EA		1,600 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	6,062.53	1,428.29
26 24 13 00-0236	EA		2,000 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	7,510.38	1,904.43
26 24 13 00-0237	EA		2,500 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	8,541.00	1,904.43
26 24 13 00-0238	EA		3,000 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	10,048.63	2,267.11
26 24 13 00-0239	EA		4,000 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	11,945.07	2,267.11

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 24 13 00-0240	Main Devices <small>(26 24 13)</small>			
26 24 13 00-0241	Power Circuit Breakers <small>(26 24 13 00-0240)</small>			
26 24 13 00-0242	DSL Breaker With Current Limiters And Amptector <small>(26 24 13 00-0241)</small>			
	Note: 11 Static trip not applicable to ground-fault or plug in test feature. Manually operated.			
26 24 13 00-0243	EA 50 To 800 Amperes, DSL-206, Main Breaker With Current Limiter, Amptector Static Trip.....	7,626.48	1,199.76	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	718.34		
26 24 13 00-0244	EA 50 To 1,600 Amperes, DSL-416, Main Breaker With Current Limiter, Amptector Static Trip.....	13,882.88	1,999.61	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,198.57		
26 24 13 00-0245	EA 1,200 To 3,200 Amperes, DSL-632, Main Breaker With Current Limiter, Amptector Static Trip.....	31,057.53	3,359.35	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,997.61		
26 24 13 00-0246	EA 4,000 Amperes, DSL-840, Main Breaker With Current Limiter, Amptector Static Trip.....	50,063.07	5,438.94	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,321.62		
26 24 13 00-0247	EA Ground-Fault Trip All Power Breakers - Factory Installed.....	2,580.85		
26 24 13 00-0248	EA Key Interlock All Power Breakers - Factory Installed.....	333.31		
26 24 13 00-0249	EA Short Time Delay Selective Trip - Factory Installed.....	437.28		
26 24 13 00-0250	EA Shunt Trip Manually Open Breakers - Factory Installed.....	314.96		
26 24 13 00-0251	DSL Breaker Electrical Operated And Amptector <small>(26 24 13 00-0241)</small>			
	Note: 11 Static trip not applicable to ground-fault or plug in test feature. Manually operated.			
26 24 13 00-0252	EA 50 To 800 Amperes, DSL-206, Main Breaker, Electrical Operated With Amptector Static Trip.....	8,910.57	1,256.90	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	757.72		
26 24 13 00-0253	EA 50 To 1,600 Amperes, DSL-416, Main Breaker, Electrical Operated With Amptector Static Trip.....	16,508.90	2,113.88	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,262.12		
26 24 13 00-0254	EA 1,200 To 3,200 Amperes, DSL-632, Main Breaker, Electrical Operated With Amptector Static Trip.....	34,848.02	3,485.04	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,100.43		
26 24 13 00-0255	EA 4,000 Amperes, DSL-840, Main Breaker, Electrical Operated With Amptector Static Trip.....	53,899.95	5,713.18	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,512.20		
26 24 13 00-0256	DS Breakers With Amptector Static Trip, Manually Operated <small>(26 24 13 00-0241)</small>			
	Note: Includes integral ground fault and plug-in test provision. Excludes system, add price from section drawout mounted manually operated.			
26 24 13 00-0257	EA 50 To 800 Amperes, DS-206, Main Breaker With Groundfault, Amptector Static Trip.....	6,096.17	1,096.93	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	659.21		
26 24 13 00-0258	EA 50 To 1,600 Amperes, DS-416, Main Breaker With Groundfault, Amptector Static Trip.....	11,122.00	1,839.64	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,098.69		
26 24 13 00-0259	EA 2,000 Amperes, DS-420, Main Breaker With Groundfault, Amptector Static Trip.....	16,544.95	3,085.11	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,831.15		
26 24 13 00-0260	EA 1,200 To 3,200 Amperes, DS-632, Main Breaker With Groundfault, Amptector Static Trip.....	28,520.72	4,970.46	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,049.74		
26 24 13 00-0261	EA 4,000 Amperes, DS-840, Main Breaker With Groundfault, Amptector Static Trip.....	46,445.05	8,112.71	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,070.86		
26 24 13 00-0262	DS Breakers With Amptector Static Trip, Electrically Operated <small>(26 24 13 00-0241)</small>			
	Note: Includes integral ground fault and plug-in test provision. Excludes system, add price from section drawout mounted electrical operated.			
26 24 13 00-0263	EA 50 To 800 Amperes, DS-206, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip.....	7,147.43	1,051.22	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	628.74		
26 24 13 00-0264	EA 50 To 1,600 Amperes, DS-416, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip.....	13,301.84	1,759.66	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,047.65		
26 24 13 00-0265	EA 2,000 Amperes, DS-420, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip.....	19,018.40	2,925.15	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,748.93		
26 24 13 00-0266	EA 1,200 To 3,200 Amperes, DS-632, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip.....	31,396.64	4,764.79	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,914.88		
26 24 13 00-0267	EA 4,000 Amperes, DS-840, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip.....	49,189.97	8,169.85	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,869.19		
26 24 13 00-0268	Molded Case Circuit Breakers Conventional <small>(26 24 13 00-0241)</small>			
26 24 13 00-0269	EA 70 To 225 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker.....	2,670.12	959.81	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	552.89		
26 24 13 00-0270	EA 125 To 400 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker.....	3,843.93	959.81	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	601.39		
26 24 13 00-0271	EA 300 To 600 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker.....	4,261.44	1,142.64	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	659.21		
26 24 13 00-0272	EA 400 To 800 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker.....	5,045.43	1,142.64	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	714.15		
26 24 13 00-0273	EA 600 To 1,200 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker.....	7,406.57	1,371.17	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	782.63		
26 24 13 00-0274	EA 1,000 To 2,000 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker.....	11,852.68	1,371.17	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	865.64		
26 24 13 00-0275	EA Shunt Trip, Factory Installed.....	330.25		
26 24 13 00-0276	EA Groundfault Trip Complete Interrupting Circuit, Factory Installed.....	76.45		
26 24 13 00-0277	Switchboard Branch Breaker 480 Volt <small>(26 24 13 00-0240)</small>			
26 24 13 00-0278	EA 60 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker.....	537.03	82.84	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49.68		
26 24 13 00-0279	EA 100 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker.....	635.54	109.92	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	65.92		
26 24 13 00-0280	EA 225 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker.....	1,811.65	165.46	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	99.30		

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 24 13 00-0281	EA 400 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,392.77 124.56	207.62
26 24 13 00-0282	EA 600 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,900.77 167.05	278.46
26 24 13 00-0283	EA 800 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,506.82 214.24	357.08
26 24 13 00-0284	EA 1,000 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,635.36 326.47	544.13
26 24 13 00-0285	EA 1,200 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,635.36 326.47	544.13
26 24 13 00-0286	EA 1,600 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,903.70 457.05	761.80
26 24 13 00-0287	EA 2,000 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9,895.11 685.58	1,142.64
26 24 13 00-0288	Switchboard 277/480 Volt Main Breaker (26 24 13 00-0240)		
26 24 13 00-0289	EA 400 Amperes, 277/480 Volt, Main Breaker, Switchboard..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,379.49 297.56	495.90
26 24 13 00-0290	EA 600 Amperes, 277/480 Volt, Main Breaker, Switchboard..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,473.77 325.85	543.09
26 24 13 00-0291	EA 800 Amperes, 277/480 Volt, Main Breaker, Switchboard..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,019.95 489.70	816.18
26 24 13 00-0292	EA 1,200 Amperes, 277/480 Volt, Main Breaker, Switchboard..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11,963.95 685.58	1,142.64
26 24 13 00-0293	EA 1,600 Amperes, 277/480 Volt, Main Breaker, Switchboard..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12,206.64 758.39	1,263.98
26 24 13 00-0294	EA 2,000 Amperes, 277/480 Volt, Main Breaker, Switchboard..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16,217.13 1,360.28	2,267.11
26 24 13 00-0295	Branch Or Distribution Devices (26 24 13)		
26 24 13 00-0296	3 Pole, Panel Mounted, Molded Case Circuit Breakers (26 24 13 00-0295) Note: Includes certified refurbished circuit breakers.		
26 24 13 00-0297	EA 15 To 60 Amperes, 600 Volt, Type EHB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	619.27 27.42	41.14
26 24 13 00-0298	EA 70 To 100 Amperes, 600 Volt, Type EHB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	623.65 34.28	51.42
26 24 13 00-0299	EA 125 To 150 Amperes, 600 Volt, Type FB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,511.74 41.13	61.70
26 24 13 00-0300	EA 70 To 225 Amperes, 600 Volt, Type JDB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,193.91 53.13	79.99
26 24 13 00-0301	EA 125 To 400 Amperes, 600 Volt, Type LBB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,095.56 65.81	98.72
26 24 13 00-0302	EA 300 To 600 Amperes, 600 Volt, Type LC, 3 Pole, Panel Mounted, Molded Case Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,056.86 77.13	115.41
26 24 13 00-0303	EA 900 To 1,000 Amperes, 600 Volt, Type NB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,201.16 87.07	130.27
26 24 13 00-0304	2 Pole, Panel Mounted, Molded Case Circuit Breakers (26 24 13 00-0295) Note: Includes certified refurbished circuit breakers.		
26 24 13 00-0305	EA 15 To 60 Amperes, 600 Volt, Type EHB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	426.25 20.57	30.85
26 24 13 00-0306	EA 70 To 100 Amperes, 600 Volt, Type EHB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	547.39 27.42	41.14
26 24 13 00-0307	EA 125 To 150 Amperes, 600 Volt, Type FB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,508.20 34.28	51.42
26 24 13 00-0308	EA 70 To 225 Amperes, 600 Volt, Type JDB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,394.02 37.71	57.13
26 24 13 00-0309	EA 125 To 400 Amperes, 600 Volt, Type LBB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,527.20 49.70	74.27
26 24 13 00-0310	EA 900 To 1,000 Amperes, 600 Volt, Type NB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,738.47 71.99	107.98
26 24 13 00-0311	Meter Devices And Instrumentation (26 24 13) Note: Factory installed accessories.		
26 24 13 00-0312	Compartments For Instrument Transformers And Metering Devices (26 24 13 00-0311)		
26 24 13 00-0313	EA Compartment For, Up To 800 Amperes, Primary Current Transformer.....	399.05	
26 24 13 00-0314	EA Compartment For, 1,000 To 1,500 Amperes, Primary Current Transformer.....	576.41	
26 24 13 00-0315	EA Compartment For, 2,000 To 6,000 Amperes, Primary Current Transformer.....	678.85	
26 24 13 00-0316	Instruments (26 24 13 00-0311)		
26 24 13 00-0317	EA AC Voltmeter.....	544.30	
26 24 13 00-0318	EA AC Ammeter.....	544.30	
26 24 13 00-0319	EA AC Wattmeter.....	1,454.02	
26 24 13 00-0320	EA Variometer.....	1,642.08	
26 24 13 00-0321	EA Power Factor Meter.....	1,311.83	
26 24 13 00-0322	EA Frequency Meter.....	1,447.91	
26 24 13 00-0323	EA 200 Volt-Amperes Max Potential Transformer.....	489.26	
26 24 13 00-0324	EA AC Watt-hour Meter Indicating 1 Or 2 Element With Test Block And Plug Block.....	1,842.37	
26 24 13 00-0325	EA AC Watt-hour Meter Recording 2 Element With Recording KW Demand Type R-2.....	3,082.34	
26 24 13 00-0326	EA Weatherproof, Modify Meter.....	3,009.41	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 24 13 00-0327	EA		Control Switch Resistor Type 130 V	71.63	
26 24 13 00-0328	EA		Metering Instrument: Voltage, Amperes And Watt Hour	3,718.08	

26 24 16 Panelboards (26 24)
26 24 16 00-0001 Branch Circuit Panelboard (26 24 16)

Note: Includes wiring connections, drilling hole (or removing knock-out on residential units), labeling and testing. All NEMA 3R panelboards include weatherproof hubs. Copper bussing. Panelboards with less than a 30 circuit capacity do not have the door in a door trim front option.

26 24 16 00-0002 Assembled Lighting And Power Panelboards (26 24 16 00-0001)

Note: Includes main lugs or breaker (as indicated). 20 Amp, 1 pole branch circuit plug-on breakers (the number of which is indicated). Panelboard box, trim and connection of main service cable from meter.

26 24 16 00-0003 120/240 Volt, 3 Wire, 1 Phase, Main Lugs Assembled Panelboards (26 24 16 00-0002)

26 24 16 00-0004	EA		100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	1,174.67	325.65
			<i>For NEMA 3R Panelboard, Add</i>	1,475.99	
26 24 16 00-0005	EA		100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	1,338.44	325.65
			<i>For NEMA 3R Panelboard, Add</i>	1,475.99	
26 24 16 00-0006	EA		100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	1,522.53	451.34
			<i>For NEMA 3R Panelboard, Add</i>	1,475.99	
26 24 16 00-0007	EA		100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	1,708.19	451.34
			<i>For NEMA 3R Panelboard, Add</i>	1,475.99	
26 24 16 00-0008	EA		100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	1,883.46	565.61
			<i>For NEMA 3R Panelboard, Add</i>	1,475.99	
26 24 16 00-0009	EA		100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	2,063.26	565.61
			<i>For NEMA 3R Panelboard, Add</i>	1,475.99	
26 24 16 00-0010	EA		100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	2,236.85	651.30
			<i>For NEMA 3R Panelboard, Add</i>	1,475.99	
26 24 16 00-0011	EA		225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	2,690.89	834.13
			<i>For NEMA 3R Panelboard, Add</i>	1,623.18	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61	
26 24 16 00-0012	EA		225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	2,835.18	834.13
			<i>For NEMA 3R Panelboard, Add</i>	1,623.18	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61	
26 24 16 00-0013	EA		225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	2,975.79	954.10
			<i>For NEMA 3R Panelboard, Add</i>	1,623.18	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61	
26 24 16 00-0014	EA		225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	3,201.91	954.10
			<i>For NEMA 3R Panelboard, Add</i>	1,917.37	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	
26 24 16 00-0015	EA		225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	3,340.66	1,074.08
			<i>For NEMA 3R Panelboard, Add</i>	1,917.37	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	
26 24 16 00-0016	EA		225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	3,548.09	1,074.08
			<i>For NEMA 3R Panelboard, Add</i>	1,917.37	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	
26 24 16 00-0017	EA		225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	3,676.54	1,188.34
			<i>For NEMA 3R Panelboard, Add</i>	1,917.37	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	
26 24 16 00-0018	EA		225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	3,882.94	1,188.34
			<i>For NEMA 3R Panelboard, Add</i>	1,917.37	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	
26 24 16 00-0019	EA		225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	4,074.35	1,314.03
			<i>For NEMA 3R Panelboard, Add</i>	1,917.37	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	
26 24 16 00-0020	EA		225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	4,205.28	1,314.03
			<i>For NEMA 3R Panelboard, Add</i>	1,995.59	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	258.89	
26 24 16 00-0021	EA		225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	4,399.88	1,314.03
			<i>For NEMA 3R Panelboard, Add</i>	1,995.59	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	258.89	

26 24 16 00-0022 120/240 Volt, 3 Wire, 1 Phase, Main Breaker Assembled Panelboards (26 24 16 00-0002)

26 24 16 00-0023	EA		50 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Up To 50 Ampere Main Breaker, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	1,381.38	314.23
			<i>For NEMA 3R Panelboard, Add</i>	1,475.99	
26 24 16 00-0024	EA		50 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Up To 50 Ampere Main Breaker, 12 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	1,547.62	314.23
			<i>For NEMA 3R Panelboard, Add</i>	1,475.99	

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 24 Switchboards and Panelboards

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 24 16 00-0025	EA 100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	1,934.30 1,475.99	537.04
26 24 16 00-0026	EA 100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	2,192.35 1,475.99	537.04
26 24 16 00-0027	EA 100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	2,371.10 1,475.99	657.01
26 24 16 00-0028	EA 100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	2,557.65 1,475.99	657.01
26 24 16 00-0029	EA 100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	2,723.04 1,475.99	788.42
26 24 16 00-0030	EA 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	3,291.51 1,623.18 118.61	788.42
26 24 16 00-0031	EA 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	3,439.47 1,623.18 118.61	965.52
26 24 16 00-0032	EA 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	3,600.40 1,623.18 118.61	965.52
26 24 16 00-0033	EA 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	3,776.88 1,917.37 202.57	1,085.51
26 24 16 00-0034	EA 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	3,919.54 1,917.37 202.57	1,085.51
26 24 16 00-0035	EA 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,071.79 1,917.37 202.57	1,188.34
26 24 16 00-0036	EA 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,235.12 1,917.37 202.57	1,188.34
26 24 16 00-0037	EA 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,411.33 1,917.37 202.57	1,405.45
26 24 16 00-0038	EA 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,602.62 1,917.37 202.57	1,405.45
26 24 16 00-0039	EA 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,811.75 1,995.59 258.89	1,405.45
26 24 16 00-0040	EA 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,940.54 1,995.59 258.89	1,485.42
26 24 16 00-0041	120/208 Volt, 4 Wire, 3 Phase, Main Lugs Assembled Panelboards <small>(26 24 16 00-0002)</small>		
26 24 16 00-0042	EA 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	1,415.26 1,475.99	371.36
26 24 16 00-0043	EA 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	1,591.24 1,475.99	371.36
26 24 16 00-0044	EA 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	1,790.42 1,475.99	497.05
26 24 16 00-0045	EA 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	1,998.93 1,475.99	497.05
26 24 16 00-0046	EA 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	2,186.32 1,475.99	611.31
26 24 16 00-0047	EA 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	2,386.76 1,475.99	611.31
26 24 16 00-0048	EA 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	2,575.18 1,475.99	725.57
26 24 16 00-0049	EA 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	2,771.55 1,623.18 118.61	725.57

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0050	EA			100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers.....	2,952.37	851.27
				<i>For NEMA 3R Panelboard, Add</i>	1,623.18	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61	
26 24 16 00-0051	EA			100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers.....	3,160.56	851.27
				<i>For NEMA 3R Panelboard, Add</i>	1,623.18	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61	
26 24 16 00-0052	EA			100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers.....	3,374.20	982.66
				<i>For NEMA 3R Panelboard, Add</i>	1,623.18	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61	
26 24 16 00-0053	EA			100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers.....	3,582.34	982.66
				<i>For NEMA 3R Panelboard, Add</i>	1,623.18	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61	
26 24 16 00-0054	EA			225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers.....	4,002.87	1,188.34
				<i>For NEMA 3R Panelboard, Add</i>	1,917.37	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	
26 24 16 00-0055	EA			225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers.....	4,147.70	1,188.34
				<i>For NEMA 3R Panelboard, Add</i>	1,917.37	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	
26 24 16 00-0056	EA			225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers.....	4,389.68	1,319.74
				<i>For NEMA 3R Panelboard, Add</i>	1,917.37	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	
26 24 16 00-0057	EA			225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers.....	4,611.64	1,319.74
				<i>For NEMA 3R Panelboard, Add</i>	1,917.37	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	
26 24 16 00-0058	EA			225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers.....	4,766.55	1,439.72
				<i>For NEMA 3R Panelboard, Add</i>	1,995.59	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	258.89	
26 24 16 00-0059	EA			225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers.....	4,990.74	1,439.72
				<i>For NEMA 3R Panelboard, Add</i>	1,995.59	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	258.89	
26 24 16 00-0060	EA			400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers.....	4,823.35	1,277.47
				<i>For NEMA 3R Panelboard, Add</i>	1,917.37	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	
26 24 16 00-0061	EA			400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers.....	4,983.08	1,342.60
				<i>For NEMA 3R Panelboard, Add</i>	1,917.37	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	
26 24 16 00-0062	EA			400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers.....	5,236.38	1,414.02
				<i>For NEMA 3R Panelboard, Add</i>	1,917.37	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	
26 24 16 00-0063	EA			400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers.....	5,475.70	1,496.85
				<i>For NEMA 3R Panelboard, Add</i>	1,917.37	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	
26 24 16 00-0064	EA			400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers.....	5,640.77	1,542.56
				<i>For NEMA 3R Panelboard, Add</i>	1,995.59	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	258.89	
26 24 16 00-0065	EA			400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers.....	5,910.32	1,636.83
				<i>For NEMA 3R Panelboard, Add</i>	1,995.59	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	258.89	
26 24 16 00-0066				120/208 Volt, 4 Wire, 3 Phase, Main Breaker Assembled Panelboards <small>(26 24 16 00-0002)</small>		
26 24 16 00-0067	EA			50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers.....	1,670.10	359.93
				<i>For NEMA 3R Panelboard, Add</i>	1,475.99	
26 24 16 00-0068	EA			50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers.....	1,848.41	359.93
				<i>For NEMA 3R Panelboard, Add</i>	1,475.99	
26 24 16 00-0069	EA			50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers.....	2,059.16	474.19
				<i>For NEMA 3R Panelboard, Add</i>	1,475.99	
26 24 16 00-0070	EA			50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers.....	2,347.03	474.19
				<i>For NEMA 3R Panelboard, Add</i>	1,475.99	
26 24 16 00-0071	EA			100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers.....	2,788.95	714.14
				<i>For NEMA 3R Panelboard, Add</i>	1,475.99	
26 24 16 00-0072	EA			100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers.....	2,971.65	714.14
				<i>For NEMA 3R Panelboard, Add</i>	1,475.99	
26 24 16 00-0073	EA			100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers.....	3,170.28	834.13
				<i>For NEMA 3R Panelboard, Add</i>	1,475.99	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 24 16 00-0074	EA 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	3,336.81 1,623.18 118.61	834.13
26 24 16 00-0075	EA 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	3,559.19 1,623.18 118.61	965.52
26 24 16 00-0076	EA 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	3,713.33 1,623.18 118.61	965.52
26 24 16 00-0077	EA 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	3,957.92 1,623.18 118.61	1,085.51
26 24 16 00-0078	EA 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,166.34 1,623.18 118.61	1,085.51
26 24 16 00-0079	EA 225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,888.74 1,917.37 202.57	1,256.90
26 24 16 00-0080	EA 225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	5,107.58 1,917.37 202.57	1,325.46
26 24 16 00-0081	EA 225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	5,202.11 1,917.37 202.57	1,325.46
26 24 16 00-0082	EA 225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	5,448.51 1,917.37 202.57	1,496.85
26 24 16 00-0083	EA 225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	5,618.30 1,995.59 258.89	1,496.85
26 24 16 00-0084	EA 225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	5,733.25 1,995.59 258.89	1,496.85
26 24 16 00-0085	EA 400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	5,734.19 1,917.37 202.57	1,376.88
26 24 16 00-0086	EA 400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	5,974.10 1,917.37 202.57	1,456.86
26 24 16 00-0087	EA 400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	6,071.98 1,917.37 202.57	1,496.85
26 24 16 00-0088	EA 400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	6,338.32 1,917.37 202.57	1,588.26
26 24 16 00-0089	EA 400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	6,507.28 1,995.59 258.89	1,633.97
26 24 16 00-0090	EA 400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	6,669.27 1,995.59 258.89	1,691.10
26 24 16 00-0091	480 Volt, 3 Wire, 3 Phase, Main Lugs Assembled Panelboards <small>(26 24 16 00-0002)</small>		
26 24 16 00-0092	EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i>	1,588.01 1,475.99	365.65
26 24 16 00-0093	EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i>	1,819.18 1,475.99	365.65
26 24 16 00-0094	EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	2,040.56 1,475.99	502.76
26 24 16 00-0095	EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	2,271.70 1,475.99	502.76
26 24 16 00-0096	EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	2,486.84 1,475.99	628.45
26 24 16 00-0097	EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i>	2,713.88 1,475.99	628.45

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0098	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers.....	2,951.09	759.85
			<i>For NEMA 3R Panelboard, Add</i>	1,475.99	
26 24 16 00-0099	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers.....	3,167.96	759.85
			<i>For NEMA 3R Panelboard, Add</i>	1,623.18	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61	
26 24 16 00-0100	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers.....	3,407.03	902.69
			<i>For NEMA 3R Panelboard, Add</i>	1,623.18	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61	
26 24 16 00-0101	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers.....	3,637.59	902.69
			<i>For NEMA 3R Panelboard, Add</i>	1,623.18	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61	
26 24 16 00-0102	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers.....	3,849.07	1,028.37
			<i>For NEMA 3R Panelboard, Add</i>	1,623.18	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61	
26 24 16 00-0103	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers.....	4,076.11	1,028.37
			<i>For NEMA 3R Panelboard, Add</i>	1,623.18	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61	
26 24 16 00-0104	EA		225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers.....	4,564.30	1,251.18
			<i>For NEMA 3R Panelboard, Add</i>	1,917.37	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	
26 24 16 00-0105	EA		225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers.....	4,791.07	1,251.18
			<i>For NEMA 3R Panelboard, Add</i>	1,917.37	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	
26 24 16 00-0106	EA		225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers.....	5,032.92	1,371.17
			<i>For NEMA 3R Panelboard, Add</i>	1,917.37	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	
26 24 16 00-0107	EA		225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers.....	5,207.72	1,371.17
			<i>For NEMA 3R Panelboard, Add</i>	1,917.37	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	
26 24 16 00-0108	EA		225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers.....	5,477.55	1,513.99
			<i>For NEMA 3R Panelboard, Add</i>	1,995.59	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	258.89	
26 24 16 00-0109	EA		225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers.....	5,668.32	1,513.99
			<i>For NEMA 3R Panelboard, Add</i>	1,995.59	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	258.89	
26 24 16 00-0110			480 Volt, 3 Wire, 3 Phase, Main Breaker Assembled Panelboards <small>(26 24 16 00-0002)</small>		
26 24 16 00-0111	EA		50 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Up To 50 Amp Main Breaker, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers.....	2,015.21	388.49
			<i>For NEMA 3R Panelboard, Add</i>	1,475.99	
26 24 16 00-0112	EA		50 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Up To 50 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers.....	2,240.96	422.77
			<i>For NEMA 3R Panelboard, Add</i>	1,475.99	
26 24 16 00-0113	EA		50 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Up To 50 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers.....	2,469.28	525.61
			<i>For NEMA 3R Panelboard, Add</i>	1,475.99	
26 24 16 00-0114	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers.....	2,970.48	639.88
			<i>For NEMA 3R Panelboard, Add</i>	1,475.99	
26 24 16 00-0115	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers.....	3,189.39	708.43
			<i>For NEMA 3R Panelboard, Add</i>	1,475.99	
26 24 16 00-0116	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Amp Main Breaker, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers.....	3,388.22	765.57
			<i>For NEMA 3R Panelboard, Add</i>	1,475.99	
26 24 16 00-0117	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers.....	3,608.16	834.13
			<i>For NEMA 3R Panelboard, Add</i>	1,475.99	
26 24 16 00-0118	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers.....	3,819.51	902.69
			<i>For NEMA 3R Panelboard, Add</i>	1,623.18	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61	
26 24 16 00-0119	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers.....	4,012.21	959.81
			<i>For NEMA 3R Panelboard, Add</i>	1,623.18	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61	
26 24 16 00-0120	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers.....	4,219.51	1,016.94
			<i>For NEMA 3R Panelboard, Add</i>	1,623.18	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61	
26 24 16 00-0121	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers.....	4,444.50	1,085.51
			<i>For NEMA 3R Panelboard, Add</i>	1,623.18	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0122	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	4,691.14	1,171.20
			<i>For NEMA 3R Panelboard, Add</i>	1,623.18	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61	
26 24 16 00-0123	EA		225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	5,871.76	1,302.60
			<i>For NEMA 3R Panelboard, Add</i>	1,917.37	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	
26 24 16 00-0124	EA		225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	6,107.92	1,382.59
			<i>For NEMA 3R Panelboard, Add</i>	1,917.37	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	
26 24 16 00-0125	EA		225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	6,273.53	1,416.87
			<i>For NEMA 3R Panelboard, Add</i>	1,917.37	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	
26 24 16 00-0126	EA		225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	6,540.07	1,508.28
			<i>For NEMA 3R Panelboard, Add</i>	1,917.37	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	
26 24 16 00-0127	EA		225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	6,723.03	1,565.41
			<i>For NEMA 3R Panelboard, Add</i>	1,995.59	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	258.89	
26 24 16 00-0128	EA		225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	6,913.06	1,614.55
			<i>For NEMA 3R Panelboard, Add</i>	1,995.59	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	258.89	
26 24 16 00-0129			277/480 Volt, 4 Wire, 3 Phase, Main Lugs Assembled Panelboards (26 24 16 00-0002)		
26 24 16 00-0130	EA		100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	1,925.15	399.92
			<i>For NEMA 3R Panelboard, Add</i>	1,475.99	
26 24 16 00-0131	EA		100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	2,181.55	399.92
			<i>For NEMA 3R Panelboard, Add</i>	1,475.99	
26 24 16 00-0132	EA		100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	2,431.02	531.33
			<i>For NEMA 3R Panelboard, Add</i>	1,475.99	
26 24 16 00-0133	EA		100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	2,682.60	531.33
			<i>For NEMA 3R Panelboard, Add</i>	1,475.99	
26 24 16 00-0134	EA		100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	2,938.47	657.01
			<i>For NEMA 3R Panelboard, Add</i>	1,475.99	
26 24 16 00-0135	EA		100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	3,188.81	657.01
			<i>For NEMA 3R Panelboard, Add</i>	1,475.99	
26 24 16 00-0136	EA		100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	3,443.45	788.42
			<i>For NEMA 3R Panelboard, Add</i>	1,475.99	
26 24 16 00-0137	EA		100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	3,696.98	788.42
			<i>For NEMA 3R Panelboard, Add</i>	1,623.18	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61	
26 24 16 00-0138	EA		100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	3,975.07	925.53
			<i>For NEMA 3R Panelboard, Add</i>	1,623.18	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61	
26 24 16 00-0139	EA		100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	4,206.11	925.53
			<i>For NEMA 3R Panelboard, Add</i>	1,623.18	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61	
26 24 16 00-0140	EA		100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	4,450.88	931.24
			<i>For NEMA 3R Panelboard, Add</i>	1,623.18	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61	
26 24 16 00-0141	EA		100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 32 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	4,712.24	931.24
			<i>For NEMA 3R Panelboard, Add</i>	1,623.18	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61	
26 24 16 00-0142	EA		225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	5,371.53	1,291.18
			<i>For NEMA 3R Panelboard, Add</i>	1,917.37	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	
26 24 16 00-0143	EA		225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	5,638.70	1,291.18
			<i>For NEMA 3R Panelboard, Add</i>	1,917.37	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	
26 24 16 00-0144	EA		225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	5,842.24	1,359.74
			<i>For NEMA 3R Panelboard, Add</i>	1,917.37	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	
26 24 16 00-0145	EA		225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	6,135.09	1,451.14
			<i>For NEMA 3R Panelboard, Add</i>	1,917.37	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0146	EA			225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	6,353.22 1,995.59 258.89	1,451.14
26 24 16 00-0147	EA			225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	6,679.54 1,995.59 258.89	1,588.26
26 24 16 00-0148				277/480 Volt, 4 Wire, 3 Phase, Main Breaker Assembled Panelboards <small>(26 24 16 00-0002)</small>		
26 24 16 00-0149	EA			50 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	2,495.08 1,475.99	491.33
26 24 16 00-0150	EA			50 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	2,757.82 1,475.99	491.33
26 24 16 00-0151	EA			50 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	3,010.22 1,475.99	651.30
26 24 16 00-0152	EA			100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	3,587.12 1,475.99	651.30
26 24 16 00-0153	EA			100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i>	3,831.65 1,475.99	822.70
26 24 16 00-0154	EA			100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	4,075.77 1,475.99	822.70
26 24 16 00-0155	EA			100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i>	4,311.29 1,475.99	942.67
26 24 16 00-0156	EA			100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,528.15 1,623.18 118.61	942.67
26 24 16 00-0157	EA			100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,759.63 1,623.18 118.61	1,074.08
26 24 16 00-0158	EA			100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	5,008.78 1,623.18 118.61	1,074.08
26 24 16 00-0159	EA			100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	5,221.54 1,623.18 118.61	1,188.34
26 24 16 00-0160	EA			100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	5,445.38 1,623.18 118.61	1,188.34
26 24 16 00-0161	EA			225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	7,076.69 1,917.37 202.57	1,405.45
26 24 16 00-0162	EA			225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	7,350.35 1,917.37 202.57	1,405.45
26 24 16 00-0163	EA			225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	7,549.28 1,917.37 202.57	1,536.84
26 24 16 00-0164	EA			225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	7,856.43 1,917.37 202.57	1,536.84
26 24 16 00-0165	EA			225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	8,074.65 1,995.59 258.89	1,679.68
26 24 16 00-0166	EA			225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	8,300.68 1,995.59 258.89	1,679.68
26 24 16 00-0167	EA			400 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	9,825.95 1,995.59 258.89	1,870.50
26 24 16 00-0168	EA			600 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >400 To 600 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	11,955.37 1,995.59 258.89	2,245.27

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 24 16 00-0169		Unassembled Lighting And Power Panelboards <small>(26 24 16 00-0001)</small>		
		Note: Includes the main device (lugs or breaker), connection of main service cable from meter and that portion of the panel box, trim and interior occupied by that device. Spaces include that portion of the panel box, trim and interior reserved by that space. The maximum single pole capacity of the panelboard main device (lugs, breakers) is indicated. Excludes branch breakers. A complete panelboard will be the sum of main device and the branch circuit breakers and spaces (within the capacity of the main device). See CSI section 26 28 16 13-0001 for circuit breakers.		
26 24 16 00-0170		240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards <small>(26 24 16 00-0169)</small>		
		Note: As manufactured by Square D or equal. Accepts plug-on and bolt-on breakers.		
26 24 16 00-0171		Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards <small>(26 24 16 00-0170)</small>		
26 24 16 00-0172	EA	100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	606.74	
26 24 16 00-0173	EA	100 Ampere Rating, 20 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	699.08	
26 24 16 00-0174	EA	225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	956.11	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61	
26 24 16 00-0175	EA	225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,104.41	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	
26 24 16 00-0176	EA	225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,250.55	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	258.89	
26 24 16 00-0177	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,400.46	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61	
26 24 16 00-0178	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,521.21	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	
26 24 16 00-0179	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,666.74	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	258.89	
26 24 16 00-0180	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,828.00	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61	
26 24 16 00-0181	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,948.77	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	
26 24 16 00-0182	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,130.84	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	258.89	
26 24 16 00-0183		Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards <small>(26 24 16 00-0170)</small>		
26 24 16 00-0184	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	903.82	
26 24 16 00-0185	EA	100 Ampere Rating, 20 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,025.64	
26 24 16 00-0186	EA	225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,646.52	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61	
26 24 16 00-0187	EA	225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,830.11	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	
26 24 16 00-0188	EA	225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,003.46	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	258.89	
26 24 16 00-0189	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	3,452.01	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61	
26 24 16 00-0190	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	3,662.10	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	
26 24 16 00-0191	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	3,850.78	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	258.89	
26 24 16 00-0192		Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards <small>(26 24 16 00-0170)</small>		
26 24 16 00-0193	EA	100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,216.39	
26 24 16 00-0194	EA	100 Ampere Rating, 20 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,301.77	
26 24 16 00-0195	EA	225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,544.28	
26 24 16 00-0196	EA	225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,689.68	
26 24 16 00-0197	EA	225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,824.79	
26 24 16 00-0198	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,087.34	
26 24 16 00-0199	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,200.54	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 24 16 00-0200	EA			400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard.....	2,339.10	
26 24 16 00-0201	EA			600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard.....	2,553.78	
26 24 16 00-0202	EA			600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard.....	2,670.20	
26 24 16 00-0203	EA			600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard.....	2,841.42	
26 24 16 00-0204 Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards <small>(26 24 16 00-0170)</small>						
26 24 16 00-0205	EA			100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard.....	1,506.50	
26 24 16 00-0206	EA			100 Ampere Rating, 20 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard.....	1,620.78	
26 24 16 00-0207	EA			225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard.....	2,347.33	
26 24 16 00-0208	EA			225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard.....	2,516.99	
26 24 16 00-0209	EA			225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard.....	2,679.88	
26 24 16 00-0210	EA			400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard.....	4,113.92	
26 24 16 00-0211	EA			400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard.....	4,317.05	
26 24 16 00-0212	EA			400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard.....	4,503.98	
26 24 16 00-0213 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards <small>(26 24 16 00-0169)</small>						
Note: As manufactured by Square D or equal. Accepts plug-on and bolt-on breakers						
26 24 16 00-0214 Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards <small>(26 24 16 00-0213)</small>						
26 24 16 00-0215	EA			100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	684.63	
26 24 16 00-0216	EA			100 Ampere Rating, 24 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	805.90	
26 24 16 00-0217	EA			100 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	908.58	
					<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61
26 24 16 00-0218	EA			225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	1,031.62	
					<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61
26 24 16 00-0219	EA			225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	1,187.96	
					<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57
26 24 16 00-0220	EA			225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	1,316.31	
					<i>For Door-In-Door (Hinged) Trim Front, Add</i>	258.89
26 24 16 00-0221	EA			400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	1,518.25	
					<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61
26 24 16 00-0222	EA			400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	1,636.91	
					<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57
26 24 16 00-0223	EA			400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	1,768.39	
					<i>For Door-In-Door (Hinged) Trim Front, Add</i>	258.89
26 24 16 00-0224	EA			600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	1,958.54	
					<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61
26 24 16 00-0225	EA			600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	2,159.89	
					<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57
26 24 16 00-0226	EA			600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	2,550.19	
					<i>For Door-In-Door (Hinged) Trim Front, Add</i>	258.89
26 24 16 00-0227 Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards <small>(26 24 16 00-0213)</small>						
26 24 16 00-0228	EA			100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	1,058.96	
26 24 16 00-0229	EA			100 Ampere Rating, 24 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	1,194.89	
26 24 16 00-0230	EA			100 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	1,377.01	
					<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61
26 24 16 00-0231	EA			225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	2,033.81	
					<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61
26 24 16 00-0232	EA			225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	2,203.23	
					<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 24 Switchboards and Panelboards

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 24 16 00-0233	EA	225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,363.62	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	258.89	
26 24 16 00-0234	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,262.42	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61	
26 24 16 00-0235	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,458.56	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	
26 24 16 00-0236	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,620.93	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	258.89	
26 24 16 00-0237 Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards <small>(26 24 16 00-0213)</small>				
26 24 16 00-0238	EA	100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,294.29	
26 24 16 00-0239	EA	100 Ampere Rating, 24 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,408.59	
26 24 16 00-0240	EA	100 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,503.72	
26 24 16 00-0241	EA	225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,619.79	
26 24 16 00-0242	EA	225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,773.23	
26 24 16 00-0243	EA	225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,890.55	
26 24 16 00-0244	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,205.13	
26 24 16 00-0245	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,316.24	
26 24 16 00-0246	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,440.76	
26 24 16 00-0247	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,684.32	
26 24 16 00-0248	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,872.31	
26 24 16 00-0249	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,262.62	
26 24 16 00-0250 Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards <small>(26 24 16 00-0213)</small>				
26 24 16 00-0251	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,661.65	
26 24 16 00-0252	EA	100 Ampere Rating, 24 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,790.03	
26 24 16 00-0253	EA	100 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,968.08	
26 24 16 00-0254	EA	225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,734.63	
26 24 16 00-0255	EA	225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,890.11	
26 24 16 00-0256	EA	225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,040.05	
26 24 16 00-0257	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	4,533.06	
26 24 16 00-0258	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	4,735.23	
26 24 16 00-0259	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	4,907.83	
26 24 16 00-0260 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards <small>(26 24 16 00-0169)</small>				
		Note: As manufactured by Square D or equal.		
26 24 16 00-0261 Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards <small>(26 24 16 00-0260)</small>				
26 24 16 00-0262	EA	125 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	976.13	
26 24 16 00-0263	EA	125 Ampere Rating, 18 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,073.03	
26 24 16 00-0264	EA	250 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,484.48	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61	
26 24 16 00-0265	EA	250 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,656.57	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	
26 24 16 00-0266	EA	250 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,805.58	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	258.89	
26 24 16 00-0267	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,806.71	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61	
26 24 16 00-0268	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,905.74	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 24 16 00-0269	EA			400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,071.36	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	258.89	
26 24 16 00-0270	EA			600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,204.67	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61	
26 24 16 00-0271	EA			600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,363.38	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	
26 24 16 00-0272	EA			600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,582.12	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	258.89	
26 24 16 00-0273				Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards <small>(26 24 16 00-0260)</small>		
26 24 16 00-0274	EA			100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,991.23	
26 24 16 00-0275	EA			100 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,054.01	
26 24 16 00-0276	EA			125 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,230.59	
26 24 16 00-0277	EA			125 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,352.39	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61	
26 24 16 00-0278	EA			125 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,598.70	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	
26 24 16 00-0279	EA			250 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,376.49	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61	
26 24 16 00-0280	EA			250 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,527.96	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	
26 24 16 00-0281	EA			250 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,724.10	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	258.89	
26 24 16 00-0282	EA			400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,852.94	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61	
26 24 16 00-0283	EA			400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,061.96	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57	
26 24 16 00-0284	EA			400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,250.30	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	258.89	
26 24 16 00-0285				Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards <small>(26 24 16 00-0260)</small>		
26 24 16 00-0286	EA			125 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,564.89	
26 24 16 00-0287	EA			125 Ampere Rating, 18 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,661.78	
26 24 16 00-0288	EA			250 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,059.30	
26 24 16 00-0289	EA			250 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,332.42	
26 24 16 00-0290	EA			250 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,469.81	
26 24 16 00-0291	EA			400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,470.94	
26 24 16 00-0292	EA			400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,552.56	
26 24 16 00-0293	EA			400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,693.21	
26 24 16 00-0294	EA			600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,884.58	
26 24 16 00-0295	EA			600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,029.08	
26 24 16 00-0296	EA			600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,217.33	
26 24 16 00-0297				Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards <small>(26 24 16 00-0260)</small>		
26 24 16 00-0298	EA			100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,705.40	
26 24 16 00-0299	EA			100 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,768.18	
26 24 16 00-0300	EA			125 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,810.63	
26 24 16 00-0301	EA			125 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,927.21	
26 24 16 00-0302	EA			125 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,274.55	

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 24 Switchboards and Panelboards

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 24 16 00-0303	EA	250 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,040.72
26 24 16 00-0304	EA	250 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,174.77
26 24 16 00-0305	EA	250 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,345.94
26 24 16 00-0306	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,474.79
26 24 16 00-0307	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,667.88
26 24 16 00-0308	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,853.83

26 24 16 00-0309 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards (26 24 16 00-0169)
 Note: As manufactured by Square D or equal.

26 24 16 00-0310 Main Lugs, NEMA 1, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards (26 24 16 00-0309)

26 24 16 00-0311	EA	125 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,015.62
26 24 16 00-0312	EA	125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,113.09
26 24 16 00-0313	EA	125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,288.89
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61
26 24 16 00-0314	EA	250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,542.57
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61
26 24 16 00-0315	EA	250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,715.96
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57
26 24 16 00-0316	EA	250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,863.84
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	258.89
26 24 16 00-0317	EA	400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,883.46
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61
26 24 16 00-0318	EA	400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,000.96
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57
26 24 16 00-0319	EA	400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,165.31
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	258.89
26 24 16 00-0320	EA	600 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,298.79
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61
26 24 16 00-0321	EA	600 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,458.33
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57
26 24 16 00-0322	EA	600 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,677.93
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	258.89

26 24 16 00-0323 Main Breaker, NEMA 1, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards (26 24 16 00-0309)

26 24 16 00-0324	EA	100 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,194.45
26 24 16 00-0325	EA	100 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,257.81
26 24 16 00-0326	EA	100 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,447.23
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61
26 24 16 00-0327	EA	125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,509.94
26 24 16 00-0328	EA	125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,632.22
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61
26 24 16 00-0329	EA	125 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,877.92
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57
26 24 16 00-0330	EA	250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	3,704.13
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61
26 24 16 00-0331	EA	250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	3,857.43
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57
26 24 16 00-0332	EA	250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,051.50
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	258.89
26 24 16 00-0333	EA	400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,245.55
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	118.61
26 24 16 00-0334	EA	400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,456.54
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	202.57

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 24 16 00-0335	EA			400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,644.80 258.89	
26 24 16 00-0336 Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards <small>(26 24 16 00-0309)</small>						
26 24 16 00-0337	EA			125 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	1,604.37	
26 24 16 00-0338	EA			125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	1,701.84	
26 24 16 00-0339	EA			125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	1,868.93	
26 24 16 00-0340	EA			250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,117.39	
26 24 16 00-0341	EA			250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,391.80	
26 24 16 00-0342	EA			250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,528.07	
26 24 16 00-0343	EA			400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,549.44	
26 24 16 00-0344	EA			400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,647.78	
26 24 16 00-0345	EA			400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,787.16	
26 24 16 00-0346	EA			600 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,978.70	
26 24 16 00-0347	EA			600 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	3,123.72	
26 24 16 00-0348	EA			600 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	3,311.97	
26 24 16 00-0349 Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards <small>(26 24 16 00-0309)</small>						
26 24 16 00-0350	EA			100 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	2,769.27	
26 24 16 00-0351	EA			100 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	2,832.63	
26 24 16 00-0352	EA			100 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,123.08	
26 24 16 00-0353	EA			125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,089.98	
26 24 16 00-0354	EA			125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,207.04	
26 24 16 00-0355	EA			125 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,553.77	
26 24 16 00-0356	EA			250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	4,368.36	
26 24 16 00-0357	EA			250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	4,504.25	
26 24 16 00-0358	EA			250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	4,673.35	
26 24 16 00-0359	EA			400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	4,867.40	
26 24 16 00-0360	EA			400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	5,062.13	
26 24 16 00-0361	EA			400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	5,247.49	
26 24 16 00-0362 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards <small>(26 24 16 00-0169)</small>						
Note: Square D I-Line or equal.						
26 24 16 00-0363 Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards <small>(26 24 16 00-0362)</small>						
26 24 16 00-0364	EA			400 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	1,765.67	339.79
					<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	203.88
26 24 16 00-0365	EA			400 Ampere Rating, 45" Breaker Mounted Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	2,056.70	339.69
					<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	203.82
26 24 16 00-0366	EA			400 Ampere Rating, 63" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	2,275.87	339.69
					<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	203.82
26 24 16 00-0367	EA			600 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	2,628.12	557.85
					<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	334.72
26 24 16 00-0368	EA			600 Ampere Rating, 45" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	2,797.75	557.85
					<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	334.72
26 24 16 00-0369	EA			600 Ampere Rating, 63" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	2,983.89	557.85
					<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	334.72
26 24 16 00-0370	EA			800 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,249.94	741.58
					<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	444.93

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0371	EA		800 Ampere Rating, 45" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	3,413.59	743.77
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	446.29	
26 24 16 00-0372	EA		800 Ampere Rating, 63" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	3,479.61	741.58
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	444.93	
26 24 16 00-0373	EA		800 Ampere Rating, 99" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	4,017.77	741.58
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	444.93	
26 24 16 00-0374	EA		1,200 Ampere Rating, 27" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	5,264.49	1,115.71
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	669.43	
26 24 16 00-0375	EA		1,200 Ampere Rating, 45" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	5,630.77	1,115.71
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	669.43	
26 24 16 00-0376	EA		1,200 Ampere Rating, 63" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	5,930.25	1,115.71
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	669.43	
26 24 16 00-0377	EA		1,200 Ampere Rating, 99" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	6,295.78	1,115.71
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	669.43	
26 24 16 00-0378			Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards <small>(26 24 16 00-0362)</small>		
26 24 16 00-0379	EA		225 Ampere Rating, 36" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	3,353.97	346.98
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	208.18	
26 24 16 00-0380	EA		400 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	4,391.38	393.55
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	236.14	
26 24 16 00-0381	EA		400 Ampere Rating, 45" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	4,603.05	393.55
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	236.14	
26 24 16 00-0382	EA		400 Ampere Rating, 81" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	5,226.02	393.55
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	236.14	
26 24 16 00-0383	EA		600 Ampere Rating, 36" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	6,840.81	645.12
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	387.10	
26 24 16 00-0384	EA		600 Ampere Rating, 72" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	7,191.00	646.89
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	388.13	
26 24 16 00-0385	EA		600 Ampere Rating, 72" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	7,478.79	645.12
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	387.10	
26 24 16 00-0386	EA		800 Ampere Rating, 36" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	8,658.04	862.46
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	517.50	
26 24 16 00-0387	EA		800 Ampere Rating, 72" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	9,071.51	859.44
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	515.67	
26 24 16 00-0388	EA		800 Ampere Rating, 72" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	9,484.32	859.44
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	515.67	
26 24 16 00-0389			Residential Lighting And Power Panelboards <small>(26 24 16 00-0001)</small>		
			See CSI section 26 28 16 13-0001 for circuit breakers.		
26 24 16 00-0390			Residential Type Unassembled Load Center <small>(26 24 16 00-0389)</small>		
			Note: Interior box and cover, includes ground bar kit.		
26 24 16 00-0391			Main Lug Load Center, Single Phase, 3 Wire, 120/240 Volt <small>(26 24 16 00-0390)</small>		
26 24 16 00-0392	EA		30 Ampere Rating, 2 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard.....	150.99	57.13
26 24 16 00-0393	EA		70 Ampere Rating, 4 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard.....	511.61	228.53
26 24 16 00-0394	EA		100 Ampere Rating, 8 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard.....	770.54	326.22
26 24 16 00-0395	EA		125 Ampere Rating, 24 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard.....	1,645.37	685.70
26 24 16 00-0396	EA		150 Ampere Rating, 30 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard.....	1,798.37	742.71
26 24 16 00-0397			Main Lug Load Center, 3 Phase, 4 Wire, 208 Y/120 Volt AC <small>(26 24 16 00-0390)</small>		
			Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 Volt AC Delta.		
26 24 16 00-0398	EA		60 Ampere Rating, 3 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard.....	207.90	62.85
26 24 16 00-0399	EA		125 Ampere Rating, 3 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard.....	365.90	68.56
26 24 16 00-0400			Main Lug Load Center, Single Phase, 3 Wire, 120/240 Volt, Rainproof <small>(26 24 16 00-0390)</small>		
26 24 16 00-0401	EA		40 Ampere Rating, 2 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard.....	211.26	62.85

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 24 16 00-0402		EA	70 Ampere Rating, 4 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	235.42	68.56
	26 24 16 00-0403		EA	100 Ampere Rating, 8 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	837.82	326.22
	26 24 16 00-0404		EA	150 Ampere Rating, 30 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	1,900.76	742.71
	26 24 16 00-0405			Main Lug Load Center, 3 Phase, 4 Wire, 208 Y/120 Volt AC <small>(26 24 16 00-0390)</small> Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 Volt AC Delta, Rainproof.		
	26 24 16 00-0406		EA	60 Ampere Rating, 3 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard.....	259.10	62.85
	26 24 16 00-0407		EA	125 Ampere Rating, 20 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard.....	1,832.75	685.70
	26 24 16 00-0408			Main Breaker Load Center, Single Phase, 3 Wire, 120/240 Volt <small>(26 24 16 00-0390)</small>		
	26 24 16 00-0409		EA	125 Ampere Rating, 24 Circuit, Main Breaker Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	1,964.25	685.70
	26 24 16 00-0410		EA	150 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	2,131.88	742.71
	26 24 16 00-0411		EA	300 Ampere Rating, 42 Circuit, Main Breaker Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	7,280.06	1,142.64
	26 24 16 00-0412			Main Breaker Load Center, 3 Phase, 4 Wire, 208 Y/120 Volt AC <small>(26 24 16 00-0390)</small> Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 V Delta.		
	26 24 16 00-0413		EA	125 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard.....	2,813.83	685.70
	26 24 16 00-0414		EA	150 Ampere Rating, 40 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	3,068.50	742.71
	26 24 16 00-0415		EA	300 Ampere Rating, 42 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	7,994.92	1,142.64
	26 24 16 00-0416			Main Breaker Load Center, Single Phase, 3 Wire, 120/240 Volt, Rainproof <small>(26 24 16 00-0390)</small>		
	26 24 16 00-0417		EA	125 Ampere Rating, 24 Circuit, Main Breaker Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	2,059.33	685.70
	26 24 16 00-0418		EA	150 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	2,294.25	742.71
	26 24 16 00-0419			Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC <small>(26 24 16 00-0390)</small> Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 Volt AC Delta, Rainproof.		
	26 24 16 00-0420		EA	125 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard.....	2,971.52	685.70
	26 24 16 00-0421		EA	155 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard.....	3,085.61	742.71
	26 24 16 00-0422			Residential Type Assembled Load Center <small>(26 24 16 00-0389)</small>		
	26 24 16 00-0423			Main Lug Load Center, 3 Wire, 20 Amperes, 120/240 Volt, 1 Phase <small>(26 24 16 00-0422)</small> Note: Includes 1 pole plug-in breaker.		
	26 24 16 00-0424		EA	100 Ampere Rating, Main Lugs, Indoor 8 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	770.97	326.22
	26 24 16 00-0425		EA	100 Ampere Rating, Main Lugs, Indoor 12 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	936.24	381.07
	26 24 16 00-0426		EA	100 Ampere Rating, Main Lugs, Rainproof, 8 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	787.07	326.22
	26 24 16 00-0427		EA	100 Ampere Rating, Main Lugs, Rainproof, 12 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	940.63	381.07
	26 24 16 00-0428		EA	200 Ampere Rating, Main Lugs, Indoor, 8 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,358.14	507.90
	26 24 16 00-0429		EA	200 Ampere Rating, Main Lugs, Indoor, 20 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,603.91	609.60
	26 24 16 00-0430		EA	200 Ampere Rating, Main Lugs, Indoor, 24 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,835.09	703.29
	26 24 16 00-0431		EA	200 Ampere Rating, Main Lugs, Indoor, 30 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,020.04	761.34
	26 24 16 00-0432		EA	200 Ampere Rating, Main Lugs, Indoor, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,023.97	1,142.64
	26 24 16 00-0433		EA	200 Ampere Rating, Main Lugs, Rainproof, 16 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,415.19	507.90
	26 24 16 00-0434		EA	200 Ampere Rating, Main Lugs, Rainproof, 20 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,658.03	609.60
	26 24 16 00-0435		EA	200 Ampere Rating, Main Lugs, Rainproof, 24 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,889.22	703.29
	26 24 16 00-0436		EA	200 Ampere Rating, Main Lugs, Rainproof, 30 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,071.24	761.34
	26 24 16 00-0437		EA	200 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,192.19	1,142.64
	26 24 16 00-0438		EA	400 Ampere Rating, Main Lugs, Indoor, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,702.10	1,269.59
	26 24 16 00-0439		EA	400 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,877.63	1,269.59

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 24 Switchboards and Panelboards

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0440			Main Lug Load Center, 4 Wire, 20 Amperes, 120/208 Volt <small>(26 24 16 00-0422)</small>		
			Note: Includes 1 pole plug-in breaker.		
26 24 16 00-0441	EA		125 Ampere Rating, Main Lugs, Indoor, 12 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	1,018.16	381.07
26 24 16 00-0442	EA		125 Ampere Rating, Main Lugs, Indoor, 18 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	1,518.57	571.32
26 24 16 00-0443	EA		125 Ampere Rating, Main Lugs, Rainproof, 12 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	1,066.43	381.07
26 24 16 00-0444	EA		125 Ampere Rating, Main Lugs, Rainproof, 18 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	1,562.46	571.32
26 24 16 00-0445	EA		200 Ampere Rating, Main Lugs, Indoor, 24 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	1,918.47	703.29
26 24 16 00-0446	EA		200 Ampere Rating, Main Lugs, Indoor, 30 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	2,093.99	761.80
26 24 16 00-0447	EA		200 Ampere Rating, Main Lugs, Indoor, 36 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	2,560.19	914.45
26 24 16 00-0448	EA		200 Ampere Rating, Main Lugs, Indoor, 42 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	3,082.48	1,142.64
26 24 16 00-0449	EA		200 Ampere Rating, Main Lugs, Rainproof, 24 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	1,969.67	703.29
26 24 16 00-0450	EA		200 Ampere Rating, Main Lugs, Rainproof, 30 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	2,151.69	761.34
26 24 16 00-0451	EA		200 Ampere Rating, Main Lugs, Rainproof, 36 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	2,756.50	913.76
26 24 16 00-0452	EA		200 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	3,279.96	1,142.64
26 24 16 00-0453	EA		400 Ampere Rating, Main Lugs, Indoor, 42 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	3,745.98	1,269.59
26 24 16 00-0454	EA		400 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	3,921.51	1,269.59
26 24 16 00-0455			Main Breaker Load Center, 3 Wire, 20 Amperes, 120/240 Volt, 1 Phase <small>(26 24 16 00-0422)</small>		
			Note: Includes 1 pole plug-in breaker.		
26 24 16 00-0456	EA		125 Ampere Rating, Main Breaker, Indoor, 12 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	1,012.30	381.07
26 24 16 00-0457	EA		125 Ampere Rating, Main Breaker, Indoor, 18 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	1,498.09	571.32
26 24 16 00-0458	EA		200 Ampere Rating, Main Breaker, Indoor, 20 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	1,723.86	609.60
26 24 16 00-0459	EA		200 Ampere Rating, Main Breaker, Indoor, 24 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	1,977.67	703.63
26 24 16 00-0460	EA		200 Ampere Rating, Main Breaker, Indoor, 30 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	2,174.44	761.80
26 24 16 00-0461	EA		200 Ampere Rating, Main Breaker, Indoor, 40 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	2,880.12	1,015.80
26 24 16 00-0462	EA		200 Ampere Rating, Main Breaker, Rainproof, 20 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	1,738.49	609.60
26 24 16 00-0463	EA		200 Ampere Rating, Main Breaker, Rainproof, 24 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	2,006.24	703.29
26 24 16 00-0464	EA		200 Ampere Rating, Main Breaker, Rainproof, 30 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	2,180.95	761.34
26 24 16 00-0465	EA		200 Ampere Rating, Main Breaker, Rainproof, 40 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	2,799.67	1,015.80
26 24 16 00-0466	EA		400 Ampere Rating, Main Breaker, Indoor, 42 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	5,208.75	1,269.59
26 24 16 00-0467	EA		400 Ampere Rating, Main Breaker, Rainproof, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	5,501.31	1,269.59
26 24 16 00-0468			Main Breaker Load Center, 4 Wire, 20 Amperes, 120/208 Volt <small>(26 24 16 00-0422)</small>		
			Note: Includes 1 pole plug-in breaker.		
26 24 16 00-0469	EA		200 Ampere Rating, Main Breaker, Indoor, 30 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	2,584.02	761.80
26 24 16 00-0470	EA		200 Ampere Rating, Main Breaker, Indoor, 42 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	3,550.57	1,142.64
26 24 16 00-0471	EA		200 Ampere Rating, Main Breaker, Rainproof, 30 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	2,670.98	761.34
26 24 16 00-0472	EA		200 Ampere Rating, Main Breaker, Rainproof, 42 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	3,638.34	1,142.64
26 24 16 00-0473			Panel Mounted Accessories And Fuseholders <small>(26 24 16 00-0001)</small>		
26 24 16 00-0474			Midget Finger-Safe Fuse Holders <small>(26 24 16 00-0473)</small>		
			Note: 30 Amp capacity. Excludes fuse.		
26 24 16 00-0475	EA		1 Pole Midget Finger-Safe Fuse Holder.....	73.99	20.57
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.71	
26 24 16 00-0476	EA		1 Pole With Indicator Midget Finger-Safe Fuse Holder.....	87.39	20.57
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.71	
26 24 16 00-0477	EA		2 Pole Midget Finger-Safe Fuse Holder.....	119.50	30.85
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.57	
26 24 16 00-0478	EA		2 Pole With Indicators Midget Finger-Safe Fuse Holder.....	154.47	30.85
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.57	
26 24 16 00-0479	EA		3 Pole Midget Finger-Safe Fuse Holder.....	175.85	41.14
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.42	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 24 16 00-0480	EA			3 Pole With Indicators Midget Finger-Safe Fuse Holder <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	222.30 27.42	41.14
26 24 16 00-0481	EA			3 Pole With 4th Neutral Pole Midget Finger-Safe Fuse Holder Note: With indicators. <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	261.15 27.42	41.14
26 24 16 00-0482	EA			3 Pole With 4th Neutral Pole Midget Finger-Safe Fuse Holder <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	209.65 27.42	41.14
26 24 16 00-0483	EA			4 Pole Midget Finger-Safe Fuse Holder <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	221.50 34.28	51.42
26 24 16 00-0484	EA			4 Pole With Indicator Midget Finger-Safe Fuse Holder <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	272.51 34.28	51.42
26 24 16 00-0485	EA			12 To 24 Volt DC Midget Finger-Safe Fuse Holder Note: With indicator. <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	87.43 13.71	20.57
26 24 16 00-0486	EA			20 To 24 Volt DC Midget Finger-Safe Fuse Holder Note: With indicator. <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	94.55 13.71	20.57
26 24 16 00-0487	EA			35 To 48 Volt DC Midget Finger-Safe Fuse Holder Note: With indicator. <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	88.74 13.71	20.57
26 24 16 00-0488 Removal And Reinstallation Of Panelboards (26 24 16 00-0001)						
Note: Includes storage, cleaning and supply materials.						
26 24 16 00-0489	EA			Removal And Reinstallation Of Up To 42 Circuit Capacity Panelboards With Breakers Note: Includes removal and reinstallation of main wiring to panelboard. <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,434.19 428.49	
26 24 16 00-0490	EA			Removal And Reinstallation Of Breaker, 1-2-3 Pole, Any Amperage <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.97 22.28	
26 24 16 00-0491	EA			Panelboard Filler Plate, Fits 1" Opening <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.27 1.07	
26 24 19 Motor-Control Centers (26 24)						
26 24 19 00-0001 Combination Starters With Molded Case Circuit Breakers (26 24 19)						
Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" o 20" Deep), fully factory assembled and wired internally.						
26 24 19 00-0002 230 Volt Combination With Molded Case Circuit, Full Volt (26 24 19 00-0001)						
Note: 1-Speed non-reversing.						
26 24 19 00-0003	EA			230 Volt, Full Volt, 1 Speed, Non-Reversing, 7-1/2 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,393.77 62.63	104.39
26 24 19 00-0004	EA			230 Volt, Full Volt, 1 Speed, Non-Reversing, 15 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,836.18 65.77	109.61
26 24 19 00-0005	EA			230 Volt, Full Volt, 1 Speed, Non-Reversing, 30 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,224.80 68.90	114.83
26 24 19 00-0006	EA			230 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,665.18 81.42	135.71
26 24 19 00-0007	EA			230 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15,448.11 93.95	156.58
26 24 19 00-0008	EA			230 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25,995.18 125.27	208.78
26 24 19 00-0009 480 Volt Combination With Molded Case Circuit, Full Volt (26 24 19 00-0001)						
Note: 1-Speed non-reversing.						
26 24 19 00-0010	EA			480 Volt, Full Volt, 1 Speed, Non-Reversing, 10 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,393.77 62.63	104.39
26 24 19 00-0011	EA			480 Volt, Full Volt, 1 Speed, Non-Reversing, 25 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,836.18 65.77	109.61
26 24 19 00-0012	EA			480 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,224.80 68.90	114.83
26 24 19 00-0013	EA			480 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,665.18 81.42	135.71
26 24 19 00-0014	EA			480 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15,448.11 93.95	156.58
26 24 19 00-0015	EA			480 Volt, Full Volt, 1 Speed, Non-Reversing, 400 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25,995.18 125.27	208.78
26 24 19 00-0016 230 Volt Combination With Molded Case Circuit, Full Volt (26 24 19 00-0001)						
Note: 1-Speed reversing.						
26 24 19 00-0017	EA			230 Volt, Full Volt, 1 Speed, Reversing, 7-1/2 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,472.55 62.63	104.39
26 24 19 00-0018	EA			230 Volt, Full Volt, 1 Speed, Reversing, 15 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,630.34 65.77	109.61
26 24 19 00-0019	EA			230 Volt, Full Volt, 1 Speed, Reversing, 30 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,640.63 68.90	114.83
26 24 19 00-0020	EA			230 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11,623.76 81.42	135.71
26 24 19 00-0021	EA			230 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22,887.58 93.95	156.58
26 24 19 00-0022	EA			230 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39,447.95 125.27	208.78
26 24 19 00-0023 480 Volt Combination With Molded Case Circuit, Full Volt (26 24 19 00-0001)						
Note: 1-Speed reversing.						

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0024	EA		480 Volt, Full Volt, 1 Speed, Reversing, 10 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,472.55 62.63	104.39
26 24 19 00-0025	EA		480 Volt, Full Volt, 1 Speed, Reversing, 25 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,630.34 65.77	109.61
26 24 19 00-0026	EA		480 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,640.63 68.90	114.83
26 24 19 00-0027	EA		480 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11,623.76 81.42	135.71
26 24 19 00-0028	EA		480 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22,887.58 93.95	156.58
26 24 19 00-0029	EA		480 Volt, Full Volt, 1 Speed, Reversing, 400 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39,447.95 125.27	208.78
26 24 19 00-0030			230 Volt Combination With Molded Case Circuit, Full Volt <small>(26 24 19 00-0001)</small> Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0031	EA		230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 7-1/2 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,221.76 100.21	167.02
26 24 19 00-0032	EA		230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 15 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,810.54 106.48	177.46
26 24 19 00-0033	EA		230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 30 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,560.35 112.73	187.90
26 24 19 00-0034	EA		230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15,306.95 128.40	214.00
26 24 19 00-0035	EA		230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25,365.62 150.32	250.53
26 24 19 00-0036			480 Volt Combination With Molded Case Circuit, Full Volt <small>(26 24 19 00-0001)</small> Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0037	EA		480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 10 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,221.76 100.21	167.02
26 24 19 00-0038	EA		480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 25 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,810.54 106.48	177.46
26 24 19 00-0039	EA		480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,560.35 112.73	187.90
26 24 19 00-0040	EA		480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15,306.95 128.40	214.00
26 24 19 00-0041	EA		480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 200 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25,365.62 150.32	250.53
26 24 19 00-0042			230 Volt Combination With Molded Case Circuit, Full Volt <small>(26 24 19 00-0001)</small> Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0043	EA		230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 7-1/2 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,882.74 62.63	104.39
26 24 19 00-0044	EA		230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 15 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,270.15 65.77	109.61
26 24 19 00-0045	EA		230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 30 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9,954.68 68.90	114.83
26 24 19 00-0046	EA		230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18,706.69 81.42	135.71
26 24 19 00-0047	EA		230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32,416.06 93.95	156.58
26 24 19 00-0048			480 Volt Combination With Molded Case Circuit, Full Volt <small>(26 24 19 00-0001)</small> Note: 2-Speed non-reversing, 1 wind.		
26 24 19 00-0049	EA		480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 10 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,882.74 62.63	104.39
26 24 19 00-0050	EA		480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 25 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,270.15 65.77	109.61
26 24 19 00-0051	EA		480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9,954.68 68.90	114.83
26 24 19 00-0052	EA		480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18,706.69 81.42	135.71
26 24 19 00-0053	EA		480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 200 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32,416.06 93.95	156.58
26 24 19 00-0054			230 Volt Combination With Molded Case Circuit <small>(26 24 19 00-0001)</small> Note: Reducing volt, auto-transformer.		
26 24 19 00-0055	EA		230 Volt, Reduced Volt, Auto Transformer, 15 HP Combination With Molded Case Circuit	7,224.44	109.61
26 24 19 00-0056	EA		230 Volt, Reduced Volt, Auto Transformer, 30 HP Combination With Molded Case Circuit	11,064.48	120.04
26 24 19 00-0057	EA		230 Volt, Reduced Volt, Auto Transformer, 50 HP Combination With Molded Case Circuit	18,654.12	135.71
26 24 19 00-0058	EA		230 Volt, Reduced Volt, Auto Transformer, 100 HP Combination With Molded Case Circuit	28,859.74	156.58
26 24 19 00-0059	EA		230 Volt, Reduced Volt, Auto Transformer, 200 HP Combination With Molded Case Circuit	49,376.40	208.78
26 24 19 00-0060			480 Volt Combination With Molded Case Circuit <small>(26 24 19 00-0001)</small> Note: Reducing volt, auto-transformer.		
26 24 19 00-0061	EA		480 Volt, Reduced Volt, Auto Transformer, 25 HP Combination With Molded Case Circuit	7,224.44	109.61
26 24 19 00-0062	EA		480 Volt, Reduced Volt, Auto Transformer, 50 HP Combination With Molded Case Circuit	11,064.48	120.04
26 24 19 00-0063	EA		480 Volt, Reduced Volt, Auto Transformer, 100 HP Combination With Molded Case Circuit	18,654.12	135.71
26 24 19 00-0064	EA		480 Volt, Reduced Volt, Auto Transformer, 200 HP Combination With Molded Case Circuit	28,859.74	156.58
26 24 19 00-0065	EA		480 Volt, Reduced Volt, Auto Transformer, 400 HP Combination With Molded Case Circuit	49,376.40	208.78

	MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 24 19 00-0066		230 Volt Combination With Molded Case Circuit ^(26 24 19 00-0001) Note: Reducing volt, part winding.		
26 24 19 00-0067	EA	230 Volt, Reduced Volt, Part Winding Starters, 10 HP Combination With Molded Case Circuit.....	4,927.99	167.02
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	100.21	
26 24 19 00-0068	EA	230 Volt, Reduced Volt, Part Winding Starters, 25 HP Combination With Molded Case Circuit.....	6,367.52	193.12
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	115.87	
26 24 19 00-0069	EA	230 Volt, Reduced Volt, Part Winding Starters, 50 HP Combination With Molded Case Circuit.....	11,204.38	214.00
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	128.40	
26 24 19 00-0070	EA	230 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination With Molded Case Circuit.....	19,103.50	260.97
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	156.59	
26 24 19 00-0071	EA	230 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination With Molded Case Circuit.....	26,245.74	334.04
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	200.43	
26 24 19 00-0072		480 Volt Combination With Molded Case Circuit ^(26 24 19 00-0001) Note: Reducing volt, part winding.		
26 24 19 00-0073	EA	480 Volt, Reduced Volt, Part Winding Starters, 15 HP Combination With Molded Case Circuit.....	4,927.99	167.02
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	100.21	
26 24 19 00-0074	EA	480 Volt, Reduced Volt, Part Winding Starters, 40 HP Combination With Molded Case Circuit.....	6,367.52	193.12
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	115.87	
26 24 19 00-0075	EA	480 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination With Molded Case Circuit.....	11,204.38	214.00
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	128.40	
26 24 19 00-0076	EA	480 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination With Molded Case Circuit.....	19,103.50	260.97
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	156.59	
26 24 19 00-0077	EA	480 Volt, Reduced Volt, Part Winding Starters, 350 HP Combination With Molded Case Circuit.....	26,245.74	334.04
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	200.43	
26 24 19 00-0078		230 Volt Combination With Molded Case Circuit ^(26 24 19 00-0001) Note: Reducing volt, energy saver.		
26 24 19 00-0079	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 7-1/2 HP Combination With Molded Case Circuit.....	20,398.00	135.71
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	81.42	
26 24 19 00-0080	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 15 HP Combination With Molded Case Circuit.....	21,637.68	167.02
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	100.21	
26 24 19 00-0081	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 30 HP Combination With Molded Case Circuit.....	23,893.15	193.12
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	115.87	
26 24 19 00-0082	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination With Molded Case Circuit.....	36,180.91	214.00
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	128.40	
26 24 19 00-0083	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination With Molded Case Circuit.....	49,345.95	260.97
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	156.59	
26 24 19 00-0084	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination With Molded Case Circuit.....	66,967.45	334.04
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	200.43	
26 24 19 00-0085		480 Volt Combination With Molded Case Circuit ^(26 24 19 00-0001) Note: Reducing volt, energy saver.		
26 24 19 00-0086	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 10 HP Combination With Molded Case Circuit.....	20,398.00	135.71
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	81.42	
26 24 19 00-0087	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 25 HP Combination With Molded Case Circuit.....	21,637.68	167.02
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	100.21	
26 24 19 00-0088	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination With Molded Case Circuit.....	23,893.15	193.12
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	115.87	
26 24 19 00-0089	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination With Molded Case Circuit.....	36,180.91	214.00
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	128.40	
26 24 19 00-0090	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination With Molded Case Circuit.....	49,345.95	260.97
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	156.59	
26 24 19 00-0091	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 400 HP Combination With Molded Case Circuit.....	66,967.45	334.04
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	200.43	
26 24 19 00-0092		Combination Starters With Current Limiting Circuit Breakers ^(26 24 19) Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" to 20" deep), fully factory assembled and wired internally.		
26 24 19 00-0093		230 Volt Combination Starters With Current Limiting Circuit ^(26 24 19 00-0092) Note: Full volt, 1-speed non-reversing.		
26 24 19 00-0094	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 7-1/2 HP Combination Starters With Current Limiting Circuit.....	3,205.14	104.39
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.63	
26 24 19 00-0095	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 15 HP Combination Starters With Current Limiting Circuit.....	3,647.55	109.61
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	65.77	
26 24 19 00-0096	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 30 HP Combination Starters With Current Limiting Circuit.....	5,644.13	114.83
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	68.90	
26 24 19 00-0097	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination Starters With Current Limiting Circuit.....	10,405.56	135.71
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	81.42	
26 24 19 00-0098	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination Starters With Current Limiting Circuit.....	18,634.17	156.58
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	93.95	

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 24 Switchboards and Panelboards

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0099	EA		230 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30,376.59 125.27	208.78
26 24 19 00-0100			480 Volt Combination Starters With Current Limiting Circuit (26 24 19 00-0092) Note: Full volt, 1-speed non-reversing.		
26 24 19 00-0101	EA		480 Volt, Full Volt, 1 Speed, Non-Reversing, 10 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,205.14 62.63	104.39
26 24 19 00-0102	EA		480 Volt, Full Volt, 1 Speed, Non-Reversing, 25 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,647.55 65.77	109.61
26 24 19 00-0103	EA		480 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,644.13 68.90	114.83
26 24 19 00-0104	EA		480 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10,405.56 81.42	135.71
26 24 19 00-0105	EA		480 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18,634.17 93.95	156.58
26 24 19 00-0106	EA		480 Volt, Full Volt, 1 Speed, Non-Reversing, 400 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30,376.59 125.27	208.78
26 24 19 00-0107			230 Volt Combination Starters With Current Limiting Circuit (26 24 19 00-0092) Note: Full volt, 1-speed reversing.		
26 24 19 00-0108	EA		230 Volt, Full Volt, 1 Speed, Reversing, 7-1/2 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,277.07 62.63	104.39
26 24 19 00-0109	EA		230 Volt, Full Volt, 1 Speed, Reversing, 15 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,425.71 65.77	109.61
26 24 19 00-0110	EA		230 Volt, Full Volt, 1 Speed, Reversing, 30 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,027.96 68.90	114.83
26 24 19 00-0111	EA		230 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14,327.57 81.42	135.71
26 24 19 00-0112	EA		230 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26,009.65 93.95	156.58
26 24 19 00-0113			480 Volt Combination Starters With Current Limiting Circuit (26 24 19 00-0092) Note: Full volt, 1-speed reversing.		
26 24 19 00-0114	EA		480 Volt, Full Volt, 1 Speed, Reversing, 10 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,277.07 62.63	104.39
26 24 19 00-0115	EA		480 Volt, Full Volt, 1 Speed, Reversing, 25 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,425.71 65.77	109.61
26 24 19 00-0116	EA		480 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,027.96 68.90	114.83
26 24 19 00-0117	EA		480 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14,327.57 81.42	135.71
26 24 19 00-0118	EA		480 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26,009.65 93.95	156.58
26 24 19 00-0119			230 Volt Combination Starters With Current Limiting Circuit (26 24 19 00-0092) Note: Full volt, 2-speed non-reversing, 2 wind.		
26 24 19 00-0120	EA		230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 7-1/2 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,012.56 100.21	167.02
26 24 19 00-0121	EA		230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 15 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,589.91 106.48	177.46
26 24 19 00-0122	EA		230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 30 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9,924.82 112.73	187.90
26 24 19 00-0123	EA		230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17,978.76 128.40	214.00
26 24 19 00-0124	EA		230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28,462.54 150.32	250.53
26 24 19 00-0125			480 Volt Combination Starters With Current Limiting Circuit (26 24 19 00-0092) Note: Full volt, 2-speed non-reversing, 2 wind.		
26 24 19 00-0126	EA		480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 10 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,012.56 100.21	167.02
26 24 19 00-0127	EA		480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 25 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,589.91 106.48	177.46
26 24 19 00-0128	EA		480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9,924.82 112.73	187.90
26 24 19 00-0129	EA		480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17,978.76 128.40	214.00
26 24 19 00-0130	EA		480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 200 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28,462.54 150.32	250.53
26 24 19 00-0131			230 Volt Combination Starters With Current Limiting Circuit (26 24 19 00-0092) Note: Full volt, 2-speed non-reversing, 1 wind.		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0132	EA			230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 7-1/2 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,777.93 93.95	156.58
26 24 19 00-0133	EA			230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 15 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,150.62 100.21	167.02
26 24 19 00-0134	EA			230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 30 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11,437.57 106.48	177.46
26 24 19 00-0135	EA			230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21,482.20 122.13	203.56
26 24 19 00-0136	EA			230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35,618.31 144.06	240.10
26 24 19 00-0137				480 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small> Note: Full volt, 2-speed non-reversing, 1 wind.		
26 24 19 00-0138	EA			480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 10 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,777.93 93.95	156.58
26 24 19 00-0139	EA			480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 25 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,150.62 100.21	167.02
26 24 19 00-0140	EA			480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11,437.57 106.48	177.46
26 24 19 00-0141	EA			480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21,482.20 122.13	203.56
26 24 19 00-0142	EA			480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 200 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35,618.31 144.06	240.10
26 24 19 00-0143				230 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small> Note: Reduced volt, auto-transformer.		
26 24 19 00-0144	EA			230 Volt, Reduced Volt, Auto Transformer, 15 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,992.39 65.77	109.61
26 24 19 00-0145	EA			230 Volt, Reduced Volt, Auto Transformer, 30 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12,874.64 72.03	120.04
26 24 19 00-0146	EA			230 Volt, Reduced Volt, Auto Transformer, 50 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21,764.76 81.42	135.71
26 24 19 00-0147	EA			230 Volt, Reduced Volt, Auto Transformer, 100 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32,976.02 93.95	156.58
26 24 19 00-0148	EA			230 Volt, Reduced Volt, Auto Transformer, 200 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	54,260.63 125.27	208.78
26 24 19 00-0149				480 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small> Note: Reduced volt, auto-transformer.		
26 24 19 00-0150	EA			480 Volt, Reduced Volt, Auto Transformer, 25 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,992.39 65.77	109.61
26 24 19 00-0151	EA			480 Volt, Reduced Volt, Auto Transformer, 50 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12,874.64 72.03	120.04
26 24 19 00-0152	EA			480 Volt, Reduced Volt, Auto Transformer, 100 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21,764.76 81.42	135.71
26 24 19 00-0153	EA			480 Volt, Reduced Volt, Auto Transformer, 200 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32,976.02 93.95	156.58
26 24 19 00-0154	EA			480 Volt, Reduced Volt, Auto Transformer, 400 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	54,260.63 125.27	208.78
26 24 19 00-0155				230 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small> Note: Reduced volt, part winding.		
26 24 19 00-0156	EA			230 Volt, Reduced Volt, Part Winding Starters, 10 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,718.79 100.21	167.02
26 24 19 00-0157	EA			230 Volt, Reduced Volt, Part Winding Starters, 25 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,142.33 115.87	193.12
26 24 19 00-0158	EA			230 Volt, Reduced Volt, Part Winding Starters, 50 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12,559.71 128.40	214.00
26 24 19 00-0159	EA			230 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22,252.99 156.59	260.97
26 24 19 00-0160	EA			230 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32,832.71 200.43	334.04
26 24 19 00-0161				480 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small> Note: Reduced volt, part winding.		
26 24 19 00-0162	EA			480 Volt, Reduced Volt, Part Winding Starters, 15 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,718.79 100.21	167.02
26 24 19 00-0163	EA			480 Volt, Reduced Volt, Part Winding Starters, 40 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,142.33 115.87	193.12
26 24 19 00-0164	EA			480 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12,559.71 128.40	214.00
26 24 19 00-0165	EA			480 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22,252.99 156.59	260.97

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 24 19 00-0166	EA	480 Volt, Reduced Volt, Part Winding Starters, 350 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32,832.71 200.43		334.04
26 24 19 00-0167		230 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small> Note: Reduced volt, energy saving			
26 24 19 00-0168	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 7.5 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21,053.95 81.42		135.71
26 24 19 00-0169	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 15 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22,286.77 100.21		167.02
26 24 19 00-0170	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 30 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24,519.39 115.87		193.12
26 24 19 00-0171	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36,699.73 128.40		214.00
26 24 19 00-0172	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49,748.21 156.59		260.97
26 24 19 00-0173	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	69,726.12 200.43		334.04
26 24 19 00-0174		480 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small> Note: Reduced volt, energy saving			
26 24 19 00-0175	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 10 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21,054.00 81.44		135.71
26 24 19 00-0176	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 25 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22,286.77 100.21		167.02
26 24 19 00-0177	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24,519.39 115.87		193.12
26 24 19 00-0178	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36,699.73 128.40		214.00
26 24 19 00-0179	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49,748.21 156.59		260.97
26 24 19 00-0180	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 400 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	69,726.12 200.43		334.04
26 24 19 00-0181		Combination Starters With Fusible Switch <small>(26 24 19)</small> Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" to 20" deep), fully factory assembled and Wired Internally.			
26 24 19 00-0182		230 Volt Combination Starters With Fusible Switch, Full Volt <small>(26 24 19 00-0181)</small> Note: 1-Speed non-reversing.			
26 24 19 00-0183	EA	7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,128.65 62.63		104.39
26 24 19 00-0184	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,939.03 65.77		109.61
26 24 19 00-0185	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,960.75 68.90		114.83
26 24 19 00-0186	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,755.39 81.42		135.71
26 24 19 00-0187	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14,218.48 93.95		156.58
26 24 19 00-0188	EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25,366.65 125.27		208.78
26 24 19 00-0189		480 Volt Combination Starters With Fusible Switch, Full Volt <small>(26 24 19 00-0181)</small> Note: 1-Speed non-reversing.			
26 24 19 00-0190	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,128.65 62.63		104.39
26 24 19 00-0191	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,939.03 65.77		109.61
26 24 19 00-0192	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,960.75 68.90		114.83
26 24 19 00-0193	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,755.39 81.42		135.71
26 24 19 00-0194	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14,218.48 93.95		156.58
26 24 19 00-0195	EA	400 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25,366.65 125.27		208.78
26 24 19 00-0196		230 Volt Combination Starters With Fusible Switch, Full Volt <small>(26 24 19 00-0181)</small> Note: 1-Speed reversing.			
26 24 19 00-0197	EA	7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,442.84 62.63		104.39

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0198 EA 15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	5,133.16	109.61
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 24 19 00-0199 EA 30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	8,217.66	114.83
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 24 19 00-0200 EA 50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	13,397.35	135.71
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 24 19 00-0201 EA 100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	20,615.74	156.58
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 24 19 00-0202 EA 200 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	35,048.26	208.78
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 24 19 00-0203 480 Volt Combination Starters With Fusible Switch, Full Volt <small>(26 24 19 00-0181)</small>		
<i>Note: 1-Speed reversing.</i>		
26 24 19 00-0204 EA 10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	3,442.84	104.39
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 24 19 00-0205 EA 25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	5,133.16	109.61
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 24 19 00-0206 EA 50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	8,217.66	114.83
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 24 19 00-0207 EA 100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	13,397.35	135.71
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 24 19 00-0208 EA 200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	20,615.74	156.58
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 24 19 00-0209 EA 400 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	35,048.26	208.78
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 24 19 00-0210 230 Volt Combination Starters With Fusible Switch, Full Volt <small>(26 24 19 00-0181)</small>		
<i>Note: 2-Speed non-reversing, 2 wind.</i>		
26 24 19 00-0211 EA 10 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter.....	4,029.77	167.02
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 24 19 00-0212 EA 15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter.....	5,545.41	177.46
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 24 19 00-0213 EA 30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter.....	8,731.76	187.90
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 24 19 00-0214 EA 50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter.....	15,604.07	214.00
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 24 19 00-0215 EA 100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter.....	24,865.08	250.53
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 24 19 00-0216 480 Volt Combination Starters With Fusible Switch, Full Volt <small>(26 24 19 00-0181)</small>		
<i>Note: 2-Speed non-reversing, 2 wind.</i>		
26 24 19 00-0217 EA 10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter.....	4,029.77	167.02
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 24 19 00-0218 EA 25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter.....	5,545.41	177.46
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 24 19 00-0219 EA 50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter.....	8,731.76	187.90
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 24 19 00-0220 EA 100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter.....	15,604.07	214.00
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 24 19 00-0221 EA 200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter.....	24,865.08	250.53
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 24 19 00-0222 230 Volt Combination Starters With Fusible Switch, Full Volt <small>(26 24 19 00-0181)</small>		
<i>Note: 2-Speed non-reversing, 1 wind.</i>		
26 24 19 00-0223 EA 7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter.....	4,603.90	104.39
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 24 19 00-0224 EA 15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter.....	7,023.31	109.61
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 24 19 00-0225 EA 30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter.....	10,114.67	114.83
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 24 19 00-0226 EA 50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter.....	20,393.43	135.71
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 24 19 00-0227 480 Volt Combination Starters With Fusible Switch, Full Volt <small>(26 24 19 00-0181)</small>		
<i>Note: 2-Speed non-reversing, 1 wind.</i>		
26 24 19 00-0228 EA 10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter.....	4,603.90	104.39
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 24 19 00-0229 EA 25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter.....	7,023.31	109.61
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 24 19 00-0230 EA 50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter.....	10,114.67	114.83
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 24 19 00-0231 EA 100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter.....	20,393.43	135.71
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 24 19 00-0232 230 Volt Combination Starters With Fusible Switch, Reduced Volt <small>(26 24 19 00-0181)</small>		
<i>Note: Auto-transformer.</i>		
26 24 19 00-0233 EA 15 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer.....	6,975.32	109.61
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 24 19 00-0234 EA 30 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer.....	12,319.25	120.04
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 24 19 00-0235 EA 50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer.....	20,528.27	135.71
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0236	EA		100 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer.....	27,410.70	156.58
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	93.95	
26 24 19 00-0237	EA		200 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer.....	46,053.20	208.78
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	125.27	
26 24 19 00-0238			480 Volt Combination Starters With Fusible Switch, Reduced Volt <small>(26 24 19 00-0181)</small>		
			Note: Auto-transformer.		
26 24 19 00-0239	EA		25 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer.....	6,975.32	109.61
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	65.77	
26 24 19 00-0240	EA		50 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer.....	12,319.25	120.04
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	72.03	
26 24 19 00-0241	EA		100 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer.....	20,528.27	135.71
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	81.42	
26 24 19 00-0242	EA		200 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer.....	27,410.70	156.58
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	93.95	
26 24 19 00-0243	EA		400 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer.....	46,053.20	208.78
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	125.27	
26 24 19 00-0244			230 Volt Combination Starters With Fusible Switch, Reduced Volt <small>(26 24 19 00-0181)</small>		
			Note: Part winding.		
26 24 19 00-0245	EA		10 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters.....	4,957.71	167.02
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	100.21	
26 24 19 00-0246	EA		25 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters.....	6,564.08	193.12
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	115.87	
26 24 19 00-0247	EA		50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters.....	10,454.71	214.00
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	128.40	
26 24 19 00-0248	EA		75 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters.....	20,847.38	260.97
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	156.59	
26 24 19 00-0249			480 Volt Combination Starters With Fusible Switch, Reduced Volt <small>(26 24 19 00-0181)</small>		
			Note: Part winding.		
26 24 19 00-0250	EA		15 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters.....	4,957.71	167.02
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	100.21	
26 24 19 00-0251	EA		40 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters.....	6,564.08	193.12
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	115.87	
26 24 19 00-0252	EA		75 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters.....	10,454.71	214.00
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	128.40	
26 24 19 00-0253	EA		150 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters.....	20,847.38	260.97
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	156.59	
26 24 19 00-0254			230 Volt Combination Starters With Fusible Switch, Reduced Volt <small>(26 24 19 00-0181)</small>		
			Note: Energy saver.		
26 24 19 00-0255	EA		7.5 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP.....	20,395.71	135.71
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	81.42	
26 24 19 00-0256	EA		15 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP.....	21,637.68	167.02
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	100.21	
26 24 19 00-0257	EA		30 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP.....	23,893.15	193.12
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	115.87	
26 24 19 00-0258	EA		50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP.....	36,180.91	214.00
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	128.40	
26 24 19 00-0259	EA		100 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP.....	49,345.95	260.97
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	156.59	
26 24 19 00-0260	EA		200 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP.....	66,967.45	334.04
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	200.43	
26 24 19 00-0261			480 Volt Combination Starters With Fusible Switch, Reduced Volt <small>(26 24 19 00-0181)</small>		
			Note: Energy saver.		
26 24 19 00-0262	EA		10 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP.....	20,395.71	135.71
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	81.42	
26 24 19 00-0263	EA		25 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP.....	21,637.68	167.02
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	100.21	
26 24 19 00-0264	EA		50 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP.....	23,893.15	193.12
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	115.87	
26 24 19 00-0265	EA		100 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP.....	36,180.91	214.00
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	128.40	
26 24 19 00-0266	EA		200 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP.....	49,345.95	260.97
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	156.59	
26 24 19 00-0267	EA		400 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP.....	66,967.45	334.04
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	200.43	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 24 19 00-0268
Starter Accessories (26 24 19)

Note: Additional options or accessories for the Combination Starters

26 24 19 00-0269
Starter Modifications (26 24 19 00-0268)

26 24 19 00-0270	EA	Size 1, 2, 50 VA, 60 Hertz, Standard Control Circuit Transformer	181.41		
26 24 19 00-0271	EA	Size 3, 4, 150 VA, 60 Hertz, Standard Control Circuit Transformer	356.55		
26 24 19 00-0272	EA	Size 5, 6, 50 VA, 60 Hertz, Control Circuit Transformer	509.68		
26 24 19 00-0273	EA	Extra 50 VA, 60 Hertz, Control Circuit Transformer, All Sizes	127.99		
26 24 19 00-0274	EA	Extra 100 VA, 60 Hertz, Control Circuit Transformer, All Sizes	180.56		
26 24 19 00-0275	EA	Extra 150 VA, 60 Hertz, Control Circuit Transformer, All Sizes	303.98		
26 24 19 00-0276	EA	Overload Relay Heater Elements, 3 Per Starter	75.42		
26 24 19 00-0277	EA	N.O. Overload Relay Alarm	64.00		
26 24 19 00-0278	EA	Control Circuit Fuses, Primary/Secondary	117.16		
26 24 19 00-0279	EA	Control Devices Type PB2 Mount On Device, 2 Unit Pushbutton	144.85		
26 24 19 00-0280	EA	Control Devices Type PB2 Mount On Device, 3 Unit Pushbutton	283.31		
26 24 19 00-0281	EA	Control Devices Type PB2 Mount On Device, 2 Or 3 Post Select	144.85		
26 24 19 00-0282	EA	Control Devices Type PB2 Mount On Device, Individual Light Full V	166.15		
26 24 19 00-0283	EA	Control Devices Type PB2 Mount On Device, Individual Light Transformer	200.24		
26 24 19 00-0284	EA	Control Devices Type PB2 Mount On Device, Individual Light Push To	236.45		
26 24 19 00-0285	EA	Blank Devices Panel	44.73		
26 24 19 00-0286	EA	Oversize Or Special Color Starter	70.30		
26 24 19 00-0287	EA	Mini Voltmeter/Ammeter With Current Transformer	617.11		
26 24 19 00-0288	EA	Mini Elapsed Time Meters, Non Resettable	559.60		
26 24 19 00-0289	EA	Panel Elapsed Time Meter, Resettable	830.77		
26 24 19 00-0290	EA	Terminal Blocks, Side Mounted, Press Connection, Plug-In Press	70.30		
26 24 19 00-0291	EA	Terminal Blocks, Side Mounted, Press Connection, Plug-In Screw	100.12		
26 24 19 00-0292	EA	Terminal Blocks, Front Mounted, Press Connection, Standard	70.30		
26 24 19 00-0293	EA	Terminal Blocks, Front Mounted, Press Connection, Plug-In	100.12		
26 24 19 00-0294	EA	Terminal Blocks, Front Mounted, Press Connection, Screw-Type Utility	100.12		
26 24 19 00-0295	EA	Terminal Blocks, Front Mounted, Press Connection, Plug-In Screw Type	144.85		
26 24 19 00-0296	EA	MOR - A Solid State Modular Overload Relay	360.00		
26 24 19 00-0297	EA	Heater Module	76.75		
26 24 19 00-0298	EA	LAM - Long Acceleration Module	476.79		
26 24 19 00-0299	EA	JAM - Jam Protection Module	546.57		
26 24 19 00-0300	EA	PUM - Phase Unbalance Module	1,037.32		
26 24 19 00-0301	EA	ULM - Underload Module	497.73		
26 24 19 00-0302	EA	Wiring To Common Control Circuit Transformer	109.31		
26 24 19 00-0303	EA	Handle Operator Separable Source Control Circuit	204.67		
26 24 19 00-0304	EA	Type SIS Control Wire	86.06		
26 24 19 00-0305	EA	Ring Or Spade Terminals Control	109.31		
26 24 19 00-0306	EA	Ring Terminals Power	109.31		
26 24 19 00-0307	EA	14 Gauge Control Wire	86.06		
26 24 19 00-0308	EA	Wiremakers	109.31		
26 24 19 00-0309	EA	Wiring Diagram On Door	65.12		
26 24 19 00-0310	EA	Special Color Or Type Control Wire	79.08		
26 24 19 00-0311	EA	Current Transformer 12.5 VA	621.00		
26 24 19 00-0312	EA	Ground Fault Relay-Instant Non-Adjust, Size 1 Thru 4	1,983.93		
26 24 19 00-0313	EA	Ground Fault Relay-Instant Non-Adjust, Size 5 Thru 6	2,232.80		

26 24 19 00-0314
Control Relays And Special Components (26 24 19 00-0268)

26 24 19 00-0315	EA	600 Volt, 2 Pole, Control Relays	567.12		
26 24 19 00-0316	EA	600 Volt, 4 Pole, Control Relays	669.02		
26 24 19 00-0317	EA	600 Volt, 6 Pole, Control Relays	781.36		
26 24 19 00-0318	EA	600 Volt, 8 Pole, Control Relays	868.52		
26 24 19 00-0319	EA	Pneumatic Timer, Control Relays	756.77		
26 24 19 00-0320	EA	Motor Driven Timer, Control Relays	1,972.01		
26 24 19 00-0321	EA	7 Days Time Switch, Control Relays	2,482.05		
26 24 19 00-0322	EA	24 Hour Time Switch, Control Relays	696.00		
26 24 19 00-0323	EA	Phase Voltage, Control Relays	1,183.94		
26 24 19 00-0324	EA	Two Circuit Alternator, Control Relays	1,657.15		
26 24 19 00-0325	EA	Manual 120 Volt, Control Relays	162.03		
26 24 19 00-0326	EA	Over-Current Relay, Control Relays	4,437.68		
26 24 19 00-0327	EA	UV-Relay, Control Relays	3,758.54		
26 24 19 00-0328	EA	Over-Current Relay, Control Relays	3,758.54		
26 24 19 00-0329	EA	Teleductor, Control Relays	1,220.77		
26 24 19 00-0330	EA	Current Transducer, Control Relays	3,283.00		
26 24 19 00-0331	EA	Watt Transducer, Control Relays	6,566.01		
26 24 19 00-0332	EA	Control Relays, Blank, Add For Each 1x	222.80		
26 24 19 00-0333	EA	Control Relays, Fixed Mounted Back Pan, 20" Structure With Wireway	333.27		
26 24 19 00-0334	EA	Control Relays, Fixed Mounted Back Pan, 24" Structure With Wireway	375.62		
26 24 19 00-0335	EA	Control Relays, Fixed Mounted Back Pan, 280" Structure With Wireway	417.97		
26 24 19 00-0336	EA	Control Relays, Fixed Mounted Back Pan, 20" Structure Without Wireway	375.62		
26 24 19 00-0337	EA	Control Relays, Fixed Mounted Back Pan, 24" Structure Without Wireway	417.97		
26 24 19 00-0338	EA	Control Relays, Fixed Mounted Back Pan, 2820" Structure Without Wireway	440.07		

26 24 19 00-0339
Circuit Breaker Modifications/Accessories (26 24 19 00-0268)

26 24 19 00-0340	EA	Shunt Trip, Circuit Breaker	391.40		
26 24 19 00-0341	EA	Auxiliary Switch, Circuit Breaker	135.19		
26 24 19 00-0342	EA	Key Interlock, Circuit Breaker	486.25		
26 24 19 00-0343	EA	GFR Ground Fault, Circuit Breaker	2,241.56		
26 24 19 00-0344	EA	Seltronic Breaker, Circuit Breaker	1,298.49		

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 24 Switchboards and Panelboards

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0345			Incoming Line And Feeder Circuit Breakers (26 24 19 00-0268)		
26 24 19 00-0346	EA		Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100	1,503.28	67.85
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	40.71	
26 24 19 00-0347	EA		Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 150	2,605.24	104.39
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.63	
26 24 19 00-0348	EA		Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100/100	2,515.11	67.85
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	40.71	
26 24 19 00-0349	EA		Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100/150	3,614.94	104.39
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.63	
26 24 19 00-0350	EA		Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 150/150	4,645.95	104.39
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.63	
26 24 19 00-0351	EA		Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 250	2,863.89	135.71
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	81.44	
26 24 19 00-0352	EA		Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 400	4,652.82	146.14
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	87.70	
26 24 19 00-0353	EA		Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 600	6,137.79	187.90
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	112.69	
26 24 19 00-0354	EA		Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 800	7,214.11	287.07
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	172.30	
26 24 19 00-0355	EA		Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 1200	10,214.36	433.22
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	260.14	
26 24 19 00-0356	EA		Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 2000	22,425.69	574.14
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	344.19	
26 24 19 00-0357	EA		Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 2500	33,521.90	720.28
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	431.76	
26 24 19 00-0358	EA		Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 3000	55,959.36	835.01
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	501.50	
26 24 19 00-0359	EA		Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50.....	1,807.89	67.85
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	40.71	
26 24 19 00-0360	EA		Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 150.....	2,901.33	104.39
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.63	
26 24 19 00-0361	EA		Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50.....	1,807.89	67.85
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	40.71	
26 24 19 00-0362	EA		Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50/50.....	2,901.33	104.39
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.63	
26 24 19 00-0363	EA		Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50/150.....	3,079.61	67.85
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	40.71	
26 24 19 00-0364	EA		Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 150/150.....	4,215.65	104.39
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.63	
26 24 19 00-0365	EA		Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50.....	5,233.88	104.39
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.63	
26 24 19 00-0366	EA		Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 100.....	2,754.35	104.39
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.63	
26 24 19 00-0367	EA		Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 400.....	6,975.53	287.07
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	172.30	
26 24 19 00-0368	EA		Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 125-225	6,975.53	287.07
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	172.30	
26 24 19 00-0369	EA		Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 125-400	9,402.42	313.16
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	187.82	
26 24 19 00-0370	EA		Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 300-600	11,743.46	365.36
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	219.12	
26 24 19 00-0371	EA		Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 300-800	13,511.89	433.22
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	260.14	
26 24 19 00-0372			Incoming Line And Feeder Fusible Switches (26 24 19 00-0268)		
26 24 19 00-0373	EA		30 To 60 Amperes, Incoming Line And Feeder Fusible Switches.....	1,850.82	104.39
26 24 19 00-0374	EA		Incoming Line And Feeder Fusible Switches, 30 Dual / 60 Dual	2,871.85	104.39
26 24 19 00-0375	EA		100 Amperes, Incoming Line And Feeder Fusible Switches.....	2,599.91	130.48
26 24 19 00-0376	EA		200 Amperes, Incoming Line And Feeder Fusible Switches.....	4,230.64	156.58
26 24 19 00-0377	EA		400 Amperes, Incoming Line And Feeder Fusible Switches.....	8,344.49	198.33
26 24 19 00-0378	EA		600 Amperes, Incoming Line And Feeder Fusible Switches.....	11,705.41	260.97
26 24 19 00-0379	EA		800 Amperes, Incoming Line And Feeder Fusible Switches.....	28,482.90	349.70
26 24 19 00-0380	EA		1,200 Amperes, Incoming Line And Feeder Fusible Switches.....	32,131.29	485.41
26 24 19 00-0381			Dry Type Distribution Transformers (26 24 19 00-0268)		
26 24 19 00-0382	EA		500 VA, Phase 1, Dry Type Distribution Transformers	1,452.78	
26 24 19 00-0383	EA		750 VA, Phase 1, Dry Type Distribution Transformers	1,499.65	
26 24 19 00-0384	EA		1,000 VA, Phase 1, Dry Type Distribution Transformers	1,548.64	
26 24 19 00-0385	EA		1,500 VA, Phase 1, Dry Type Distribution Transformers	1,776.57	
26 24 19 00-0386	EA		2,000 VA, Phase 1, Dry Type Distribution Transformers	1,925.69	
26 24 19 00-0387	EA		3,000 VA, Phase 1, Dry Type Distribution Transformers	2,495.61	
26 24 19 00-0388	EA		5,000 VA, Phase 1, Dry Type Distribution Transformers	2,620.12	
26 24 19 00-0389	EA		7,500 VA, Phase 1, Dry Type Distribution Transformers	2,952.43	
26 24 19 00-0390	EA		9,000 VA, Phase 3, Dry Type Distribution Transformers	6,863.45	
26 24 19 00-0391	EA		10,000 VA, Phase 1, Dry Type Distribution Transformers	3,642.61	
26 24 19 00-0392	EA		15,000 VA, Phase 1, Dry Type Distribution Transformers	5,046.40	
26 24 19 00-0393	EA		15,000 VA, Phase 3, Dry Type Distribution Transformers	7,864.64	
26 24 19 00-0394	EA		20,000 VA, Phase 1, Dry Type Distribution Transformers	7,283.10	
26 24 19 00-0395	EA		30,000 VA, Phase 1, Dry Type Distribution Transformers	10,092.81	
26 24 19 00-0396	EA		30,000 VA, Phase 3, Dry Type Distribution Transformers	11,931.50	
26 24 19 00-0397	EA		45,000 VA, Phase 1, Dry Type Distribution Transformers	16,527.34	
26 24 19 00-0398			Metering Equipment (26 24 19 00-0268)		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 24 19 00-0399	EA			Metering Equipment, Voltmeter, Panel Type	685.92	
26 24 19 00-0400	EA			Metering Equipment, Voltmeter, Switchboard Type	1,499.65	
26 24 19 00-0401	EA			Metering Equipment, Ammeter, Panel	617.75	
26 24 19 00-0402	EA			Metering Equipment, Ammeter, Switchboard Type	1,499.65	
26 24 19 00-0403	EA			Metering Equipment, Voltmeter/Ammeter, Switch	832.90	
26 24 19 00-0404	EA			Metering Equipment, Control Switch, 4 Circuits	884.03	
26 24 19 00-0405	EA			Add For Additional Circuits	127.92	
26 24 19 00-0406	EA			Metering Equipment, Indicating Wattmeter	3,093.03	
26 24 19 00-0407	EA			Metering Equipment, Indicating Power Factor	3,240.01	
26 24 19 00-0408	EA			Metering Equipment, Integrating Watt-hour	2,856.58	
26 24 19 00-0409	EA			Add For Demand Attachment	837.30	
26 24 19 00-0410	EA			800 Amperes, Metering Equipment, Current Transformer	854.20	
26 24 19 00-0411	EA			1,000 Amperes, Metering Equipment, Current Transformer	1,474.09	
26 24 19 00-0412	EA			2,000 Amperes, Metering Equipment, Current Transformer	1,716.93	
26 24 19 00-0413	EA			Metering Equipment, Potential Transformer	1,431.48	
26 24 19 00-0414	EA			Metering Equipment, Surge Arrester	1,540.12	
26 24 19 00-0415	EA			Metering Equipment, Ground Detector System	1,177.99	

26 24 19 00-0416 Current Limiting Reactors (26 24 19 00-0268)

26 24 19 00-0417	EA			600 Amperes, Current Limiting Reactors	26,292.85	
26 24 19 00-0418	EA			800 Amperes, Current Limiting Reactors	38,290.04	
26 24 19 00-0419	EA			1,000 Amperes, Current Limiting Reactors	50,314.92	
26 24 19 00-0420	EA			1,200 Amperes, Current Limiting Reactors	76,588.60	

26 24 19 00-0421 Incoming Line Cable Space Requirements, Main Lugs Only (26 24 19 00-0268)

26 24 19 00-0422	EA			Incoming Line Cable Space Requirement, 350 MCC, 2 Screw	495.96	
26 24 19 00-0423	EA			Incoming Line Cable Space Requirement, 350 MCC, 2 Crimp	495.96	
26 24 19 00-0424	EA			Incoming Line Cable Space Requirement, 350 MCC, 4 Screw	685.67	
26 24 19 00-0425	EA			Incoming Line Cable Space Requirement, 350 MCC, 4 Crimp	1,254.77	
26 24 19 00-0426	EA			Incoming Line Cable Space Requirement, 600 MCC, 2 Screw	685.67	
26 24 19 00-0427	EA			Incoming Line Cable Space Requirement, 600 MCC, 2 Crimp	875.37	
26 24 19 00-0428	EA			Incoming Line Cable Space Requirement, 600 MCC, 4 Screw	875.37	
26 24 19 00-0429	EA			Incoming Line Cable Space Requirement, 600 MCC, 4 Crimp	1,252.48	
26 24 19 00-0430	EA			Incoming Line Cable Space Requirement, 750 MCC, 2 Screw	875.37	
26 24 19 00-0431	EA			Incoming Line Cable Space Requirement, 750 MCC, 2 Crimp	1,252.48	
26 24 19 00-0432	EA			Incoming Line Cable Space Requirement, 750 MCC, 4 Screw	1,065.07	
26 24 19 00-0433	EA			Incoming Line Cable Space Requirement, 750 MCC, 4 Crimp	3,453.47	
26 24 19 00-0434	EA			Incoming Line Cable Space Requirement, 1,000 MCC, 2 Screw	1,065.07	
26 24 19 00-0435	EA			Incoming Line Cable Space Requirement, 1,000 MCC, 2 Crimp	1,252.48	
26 24 19 00-0436	EA			Incoming Line Cable Space Requirement, 1,000 MCC, 4 Screw	3,453.47	
26 24 19 00-0437	EA			Incoming Line Cable Space Requirement, 1,000 MCC, 4 Crimp	3,453.47	
26 24 19 00-0438	EA			Bus Duct Transition Pull Box	1,036.34	
26 24 19 00-0439	EA			Throat And Transition To Substation	2,000.64	
26 24 19 00-0440	EA			Service Entrance Label	433.27	
26 24 19 00-0441	EA			Type W To 5 Star - 10" Transition	905.64	
26 24 19 00-0442	EA			600 Amperes, Sub Feed Lugs On Main Bus	555.87	

26 24 19 00-0443 Standard Structures And Structure Options/Modifications (26 24 19 00-0268)

26 24 19 00-0444	EA			Standard Structure Add For Each Additional 4" Of Structure Width	286.10	
26 24 19 00-0445	EA			Standard Structure Add For 8" Vertical Wireway In Lieu Of 4"	286.10	
26 24 19 00-0446	EA			Standard Structure Single Corner Section "L", 16" Depth	885.06	
26 24 19 00-0447	EA			Standard Structure Single Corner Section "L", 21" Depth	998.26	
26 24 19 00-0448	EA			Standard Structure Unused Space/Future Space	85.42	
26 24 19 00-0449	EA			Standard Structure NEMA 12 Dustproof	230.53	
26 24 19 00-0450	EA			Standard Structure Bottom Plate For NEMA 1 Gasket Enclosure	48.37	
26 24 19 00-0451	EA			Standard Structure 150 Watt Space	207.89	
26 24 19 00-0452	EA			Standard Structure Thermostat For Space Heater Control	676.82	
26 24 19 00-0453	EA			Standard Structure Rear Hinged Structure Door, 72" High	207.89	
26 24 19 00-0454	EA			Standard Structure NEMA 2 Drip Shield On Top Of MCC	437.26	
26 24 19 00-0455	EA			Standard Structure NEMA 3R N-Walk In Front Mounted	6,237.87	
26 24 19 00-0456	EA			Standard Structure NEMA 3R N-Walk In Back-to-back	7,210.07	
26 24 19 00-0457	EA			Standard Structure NEMA 3R Walk-In Aisle Front Mounted	7,217.05	

26 24 19 00-0458 Installation Hours For Vertical Sections (26 24 19 00-0268)

26 24 19 00-0459	EA			Install Vertical Section, 230/480 Volt, 1 Section, 600 Amperes	626.31	313.16
26 24 19 00-0460	EA			Install Vertical Section, 230/480 Volt, 2 Section, 600 Amperes	939.46	469.75
26 24 19 00-0461	EA			Install Vertical Section, 230/480 Volt, 3 Section, 600 Amperes	1,043.89	521.95
26 24 19 00-0462	EA			Install Vertical Section, 230/480 Volt, 4 Section, 600 Amperes	1,252.78	626.34
26 24 19 00-0463	EA			Bolt To Floor, Vertical Section, 230/480 Volt, 600 Amperes	104.39	52.19
26 24 19 00-0464	EA			Install Vertical Section, 230/480 Volt, 1 Section, 800 Amperes	626.31	313.16
26 24 19 00-0465	EA			Install Vertical Section, 230/480 Volt, 2 Section, 800 Amperes	939.46	469.75
26 24 19 00-0466	EA			Install Vertical Section, 230/480 Volt, 3 Section, 800 Amperes	1,043.89	521.95
26 24 19 00-0467	EA			Install Vertical Section, 230/480 Volt, 4 Section, 800 Amperes	1,252.78	626.34
26 24 19 00-0468	EA			Bolt To Floor, Vertical Section, 230/480 Volt, 800 Amperes	104.39	52.19
26 24 19 00-0469	EA			Install Vertical Section, 230/480 Volt, 1 Section, 1,200 Amperes	730.74	365.36
26 24 19 00-0470	EA			Install Vertical Section, 230/480 Volt, 2 Section, 1,200 Amperes	939.46	469.75
26 24 19 00-0471	EA			Install Vertical Section, 230/480 Volt, 3 Section, 1,200 Amperes	1,252.78	626.34
26 24 19 00-0472	EA			Install Vertical Section, 230/480 Volt, 4 Section, 1,200 Amperes	1,461.26	730.62
26 24 19 00-0473	EA			Bolt To Floor, Vertical Section, 230/480 Volt, 1,200 Amperes	156.58	78.29
26 24 19 00-0474	EA			Install Vertical Section, 230/480 Volt, 1 Section, 1,600 Amperes	835.11	417.55

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 24 Switchboards and Panelboards



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0475	EA		Install Vertical Section, 230/480 Volt, 2 Section, 1,600 Amperes	1,148.37	574.14
26 24 19 00-0476	EA		Install Vertical Section, 230/480 Volt, 3 Section, 1,600 Amperes	1,461.26	730.62
26 24 19 00-0477	EA		Install Vertical Section, 230/480 Volt, 4 Section, 1,600 Amperes	1,669.94	835.01
26 24 19 00-0478	EA		Bolt To Floor, Vertical Section, 230/480 Volt, 1,600 Amperes	208.78	104.39
26 24 19 00-0479	EA		Install Vertical Section, 230/480 Volt, 1 Section, 2,000 Amperes	835.11	417.55
26 24 19 00-0480	EA		Install Vertical Section, 230/480 Volt, 2 Section, 2,000 Amperes	1,252.78	626.34
26 24 19 00-0481	EA		Install Vertical Section, 230/480 Volt, 3 Section, 2,000 Amperes	1,565.67	782.81
26 24 19 00-0482	EA		Install Vertical Section, 230/480 Volt, 4 Section, 2,000 Amperes	1,774.72	887.41
26 24 19 00-0483	EA		Bolt To Floor, Vertical Section, 230/480 Volt, 2,000 Amperes	208.78	104.39
26 24 19 00-0484 Motor Control Centers (26 24 19)					
26 24 19 00-0485 2.4 KV Motor Control Centers (26 24 19 00-0484)					
26 24 19 00-0486	EA		2.4 KV CL 11-202, Squirrel Cage Motor Control, 100 To 300 Hp	16,713.03	208.78
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	125.27	
26 24 19 00-0487	EA		2.4 KV CL 11-202, Squirrel Cage Motor Control, 400 Hp	16,713.03	208.78
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	125.27	
26 24 19 00-0488	EA		2.4 KV CL 11-202, Squirrel Cage Motor Control, 600 Hp	16,713.03	208.78
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	125.27	
26 24 19 00-0489	EA		2.4 KV CL 11-202, Squirrel Cage Motor Control, 700 Hp	16,765.26	234.87
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	140.93	
26 24 19 00-0490	EA		2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,000 Hp	17,804.12	260.97
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	156.59	
26 24 19 00-0491	EA		2,400 KV CL 11-202, Squirrel Cage Motor Control, 1,250 Hp	17,856.29	287.07
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	172.24	
26 24 19 00-0492	EA		2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,500 Hp	17,908.48	313.16
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	187.89	
26 24 19 00-0493	EA		2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,750 Hp	18,012.91	365.36
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	219.22	
26 24 19 00-0494	EA		2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,000 Hp	18,117.28	417.55
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	250.53	
26 24 19 00-0495	EA		2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,250 Hp	30,520.48	469.75
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	281.84	
26 24 19 00-0496	EA		2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,500 Hp	32,757.78	521.95
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	313.17	
26 24 19 00-0497	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 100 Hp	24,801.96	208.78
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	125.27	
26 24 19 00-0498	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 150 Hp	25,837.93	224.43
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	134.66	
26 24 19 00-0499	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 200 Hp	29,354.04	245.31
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	147.19	
26 24 19 00-0500	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 300 Hp	32,674.37	260.97
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	156.59	
26 24 19 00-0501	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 400 Hp	35,548.57	302.73
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	181.65	
26 24 19 00-0502	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 600 Hp	38,949.06	323.60
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	194.17	
26 24 19 00-0503	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 700 Hp	42,347.54	344.49
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	206.68	
26 24 19 00-0504	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 1,000 Hp	46,378.95	375.80
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	225.49	
26 24 19 00-0505	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 1,250 Hp	53,971.32	417.55
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	250.53	
26 24 19 00-0506	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 1,500 Hp	58,474.68	443.66
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	266.21	
26 24 19 00-0507	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 1,750 Hp	89,308.56	521.95
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	313.17	
26 24 19 00-0508	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 2,000 Hp	95,153.83	574.14
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	344.51	
26 24 19 00-0509	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 2,250 Hp	100,241.57	626.34
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	375.83	
26 24 19 00-0510	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 2,500 Hp	109,152.61	678.63
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	407.19	
26 24 19 00-0511	EA		2.4 KV CL 14-202, Synchronous Motor Control, 100 To 300 Hp	23,400.65	208.78
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	125.27	
26 24 19 00-0512	EA		2.4 KV CL 14-202, Synchronous Motor Control, 400 Hp	23,452.88	234.87
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	140.93	
26 24 19 00-0513	EA		2.4 KV CL 14-202, Synchronous Motor Control, 600 Hp	23,505.05	260.97
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	156.59	
26 24 19 00-0514	EA		2.4 KV CL 14-202, Synchronous Motor Control, 700 Hp	23,557.22	287.07
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	172.24	
26 24 19 00-0515	EA		2.4 KV CL 14-202, Synchronous Motor Control, 1,000 Hp	23,613.40	313.16
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	187.89	
26 24 19 00-0516	EA		2,400 Volt CL 14-202, Synchronous Motor Control, 1,250 HP	23,665.64	339.26
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	203.57	
26 24 19 00-0517	EA		2.4 KV CL 14-202, Synchronous Motor Control, 1,500 Hp	23,717.83	365.36
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	219.22	
26 24 19 00-0518	EA		2.4 KV CL 14-202, Synchronous Motor Control, 1,750 Hp	23,926.55	469.75
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	281.84	
26 24 19 00-0519	EA		2.4 KV CL 14-202, Synchronous Motor Control, 2,000 Hp	40,780.93	521.95
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	313.17	
26 24 19 00-0520	EA		2.4 KV CL 14-202, Synchronous Motor Control, 2,250 Hp	40,885.41	574.14
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	344.51	
26 24 19 00-0521	EA		2.4 KV CL 14-202, Synchronous Motor Control, 2,500 Hp	43,110.72	626.34
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	375.83	
26 24 19 00-0522	EA		Add For Reversing Starters, 100 To 700 HP	9,198.70	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.63	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0523	EA		Add For Reversing Starters, 1,000 To 1,500 Hp.....	9,477.77	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.63	
26 24 19 00-0524	EA		Add For Reversing Starters, 1,750 To 2,500 HP.....	14,510.93	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.63	
26 24 19 00-0525			4.8 KV Motor Control Centers (26 24 19 00-0484)		
26 24 19 00-0526	EA		4.8 KV CL 11-202, Squirrel Cage Motor Control, 100 To 600 HP.....	18,187.55	313.16
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	187.89	
26 24 19 00-0527	EA		4.8 KV CL 11-202, Squirrel Cage Motor Control, 700 HP.....	18,239.79	339.26
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	203.57	
26 24 19 00-0528	EA		4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,000 HP.....	18,291.98	365.36
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	219.22	
26 24 19 00-0529	EA		4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,250 HP.....	18,344.20	391.45
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	234.89	
26 24 19 00-0530	EA		4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,500 HP.....	19,373.08	417.55
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	250.53	
26 24 19 00-0531	EA		4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,750 HP.....	19,425.33	443.66
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	266.21	
26 24 19 00-0532	EA		4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,000 HP.....	19,477.43	469.75
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	281.84	
26 24 19 00-0533	EA		4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,250 HP.....	19,529.72	495.85
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	297.53	
26 24 19 00-0534	EA		4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,500 HP.....	19,581.86	521.95
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	313.17	
26 24 19 00-0535	EA		4.8 KV CL 11-202, Squirrel Cage Motor Control, 3,000 HP.....	33,180.81	678.63
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	407.19	
26 24 19 00-0536	EA		4.8 KV CL 11-202, Squirrel Cage Motor Control, 3,500 HP.....	33,284.78	730.62
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	438.38	
26 24 19 00-0537	EA		4.8 KV CL 11-202, Squirrel Cage Motor Control, 4,000 HP.....	35,512.09	782.81
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	469.70	
26 24 19 00-0538	EA		4.8 KV CL 11-202, Squirrel Cage Motor Control, 4,500 HP.....	35,616.36	835.01
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	500.98	
26 24 19 00-0539	EA		4.8 KV CL 13-202, Wound Rotor Motor Control, 100 HP.....	25,293.77	313.16
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	187.89	
26 24 19 00-0540	EA		4.8 KV CL 13-202, Wound Rotor Motor Control, 150 HP.....	25,625.08	339.26
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	203.57	
26 24 19 00-0541	EA		4.8 KV CL 13-202, Wound Rotor Motor Control, 200 HP.....	29,883.20	365.36
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	219.22	
26 24 19 00-0542	EA		4.8 KV CL 13-202, Wound Rotor Motor Control, 300 HP.....	33,214.45	391.45
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	234.89	
26 24 19 00-0543	EA		4.8 KV CL 13-202, Wound Rotor Motor Control, 400 HP.....	36,057.26	417.55
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	250.53	
26 24 19 00-0544	EA		4.8 KV CL 13-202, Wound Rotor Motor Control, 600 HP.....	39,468.27	443.66
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	266.21	
26 24 19 00-0545	EA		4.8 KV CL 13-202, Wound Rotor Motor Control, 700 HP.....	42,669.83	469.75
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	281.84	
26 24 19 00-0546	EA		4.8 KV CL 13-202, Wound Rotor Motor Control, 1,000 HP.....	46,898.15	495.85
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	297.53	
26 24 19 00-0547	EA		4.8 KV CL 13-202, Wound Rotor Motor Control, 1,250 HP.....	54,325.61	521.95
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	313.17	
26 24 19 00-0548	EA		4.8 KV CL 13-202, Wound Rotor Motor Control, 1,500 HP.....	59,373.11	548.04
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	328.83	
26 24 19 00-0549	EA		4.8 KV CL 13-202, Wound Rotor Motor Control, 1,750 HP.....	64,472.81	600.24
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	360.16	
26 24 19 00-0550	EA		4.8 KV CL 13-202, Wound Rotor Motor Control, 2,000 HP.....	68,689.14	626.34
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	375.83	
26 24 19 00-0551	EA		4.8 KV CL 13-202, Wound Rotor Motor Control, 2,250 HP.....	72,666.09	652.43
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	391.46	
26 24 19 00-0552	EA		4.8 KV CL 13-202, Wound Rotor Motor Control, 2,500 HP.....	78,230.08	678.63
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	407.19	
26 24 19 00-0553	EA		4.8 KV CL 13-202, Wound Rotor Motor Control, 3,000 HP.....	124,010.59	835.01
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	500.98	
26 24 19 00-0554	EA		4.8 KV CL 13-202, Wound Rotor Motor Control, 3,500 HP.....	137,909.22	887.41
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	532.42	
26 24 19 00-0555	EA		4.8 KV CL 13-202, Wound Rotor Motor Control, 4,000 HP.....	165,770.54	939.50
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	563.68	
26 24 19 00-0556	EA		4.8 KV CL 13-202, Wound Rotor Motor Control, 4,500 HP.....	175,348.50	939.50
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	563.68	
26 24 19 00-0557	EA		4.8 KV CL 14-202, Synchronous Motor Control, 100 To 600 HP.....	24,975.62	365.36
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	219.22	
26 24 19 00-0558	EA		4.8 KV CL 14-202, Synchronous Motor Control, 700 HP.....	25,027.84	391.45
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	234.89	
26 24 19 00-0559	EA		4.8 KV CL 14-202, Synchronous Motor Control, 1,000 HP.....	25,079.99	417.55
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	250.53	
26 24 19 00-0560	EA		4.8 KV CL 14-202, Synchronous Motor Control, 1,250 HP.....	25,132.24	443.66
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	266.21	
26 24 19 00-0561	EA		4.8 KV CL 14-202, Synchronous Motor Control, 1,500 HP.....	27,285.31	469.75
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	281.84	
26 24 19 00-0562	EA		4.8 KV CL 14-202, Synchronous Motor Control, 1,750 HP.....	27,375.60	495.85
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	297.53	
26 24 19 00-0563	EA		4.8 KV CL 14-202, Synchronous Motor Control, 2,000 HP.....	27,389.74	521.95
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	313.17	
26 24 19 00-0564	EA		4.8 KV CL 14-202, Synchronous Motor Control, 2,250 HP.....	27,441.95	548.04
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	328.83	
26 24 19 00-0565	EA		4.8 KV CL 14-202, Synchronous Motor Control, 2,500 HP.....	27,494.22	574.14
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	344.51	
26 24 19 00-0566	EA		4.8 KV CL 14-202, Synchronous Motor Control, 3,000 HP.....	27,807.11	730.62
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	438.38	

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 24 Switchboards and Panelboards

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0567	EA		4.8 KV CL 14-202, Synchronous Motor Control, 3,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	44,940.54 469.70	782.81
26 24 19 00-0568	EA		4.8 KV CL 14-202, Synchronous Motor Control, 4,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47,157.74 500.98	835.01
26 24 19 00-0569	EA		4.8 KV CL 14-202, Synchronous Motor Control, 4,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47,157.74 500.98	835.01
26 24 19 00-0570	EA		Add For Reversing Starters, 100 To 1,250 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10,516.63 62.63	
26 24 19 00-0571	EA		Add For Reversing Starters, 1,500 To 2,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10,836.61 62.63	
26 24 19 00-0572	EA		Add For Reversing Starters, 3,000 To 4,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16,607.63 62.63	
26 24 19 00-0573			2.4/4.8 KV Motor Control Centers, Accessories (26 24 19 00-0484)		
26 24 19 00-0574	EA		2.4/4.8 KV Load Break Disconnect Switch 600 Amperes	13,673.76	208.78
26 24 19 00-0575	EA		2.4/4.8 KV Load Break Disconnect Switch 1,200 Amperes	16,421.77	313.16
26 24 19 00-0576	EA		2.4/4.8 KV NEMA 3 Weather Resistant	5,396.19	
26 24 19 00-0577	EA		2.4/4.8 KV Space Heaters	264.76	15.66
26 24 19 00-0578	EA		2.4/4.8 KV Potential Transformer Fused	1,563.32	
26 24 19 00-0579	EA		2.4/4.8 KV Current Transformer 600 Volt, 5 KVA	838.80	
26 24 19 00-0580	EA		2.4/4.8 KV Control Transformer 4 KVA Max	2,498.11	
26 24 19 00-0581	EA		2.4/4.8 KV Pushbuttons Each	159.99	
26 24 19 00-0582	EA		2.4/4.8 KV Selector Switch Each	530.25	
26 24 19 00-0583	EA		2.4/4.8 KV Indicating Light	159.99	
26 24 19 00-0584	EA		2.4/4.8 KV Push To Test Light	484.54	
26 24 19 00-0585	EA		2.4/4.8 KV AC Voltmeter, Switchboard Type	1,289.05	
26 24 19 00-0586	EA		2.4/4.8 KV AC Ammeter, Switchboard Type	1,289.05	
26 24 19 00-0587	EA		2.4/4.8 KV Power Factor Meter	3,855.73	
26 24 19 00-0588	EA		2.4/4.8 KV Watt Hr Meter, 2 Element Drawout	2,658.10	
26 24 19 00-0589	EA		2.4/4.8 KV Operation Counter	515.85	15.66
26 24 19 00-0590	EA		2.4/4.8 KV Phase Failure Protection	3,720.14	52.19
26 24 19 00-0591	EA		2.4/4.8 KV Ground Protection	7,119.12	26.10
26 24 19 00-0592	EA		2.4/4.8 KV Synchronous Motor DC Protection	2,771.09	26.10
26 24 19 00-0593	EA		2.4/4.8 KV Lightning Arresters	5,131.85	15.66
26 24 19 00-0594	EA		2.4/4.8 KV Portable Lifting Mechanism	7,434.88	
26 24 19 00-0595	EA		2.4/4.8 KV Auxiliary Timing Relay	594.69	52.19
26 24 19 00-0596	EA		2.4/4.8 KV Auxiliary Control Relay	428.62	52.19
26 24 19 00-0597			Incoming Section And Feeder Air Circuit Breakers (26 24 19 00-0484)		
			Note: 3 Pole. Includes structure.		
26 24 19 00-0598	EA		Incoming Section MCC, Air Circuit Breaker, 70 - 100 Amperes, 14,000 Ampere IC, 3-Pole, With Structure Included	1,234.62	313.08
26 24 19 00-0599	EA		Incoming Section MCC, Air Circuit Breaker, 125 - 225 Amperes, 22,000 Ampere IC, 3-Pole, With Structure Included	2,140.55	554.18
26 24 19 00-0600	EA		Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included	2,548.72	709.57
26 24 19 00-0601	EA		Incoming Section MCC, Air Circuit Breaker, 125 - 600 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included	4,098.11	1,142.64
26 24 19 00-0602	EA		Incoming Section MCC, Air Circuit Breaker, 125 - 1,200 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included	4,830.80	1,256.90
26 24 19 00-0603	EA		Incoming Section MCC, Air Circuit Breaker, 125 - 2,000 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included	6,280.04	1,394.02
26 24 19 00-0604	EA		Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amperes, 45,000 Ampere IC, 3-Pole, With Structure Included	7,306.48	1,633.97
26 24 19 00-0605	EA		Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amperes, 100,000 Ampere IC, 3-Pole, With Structure Included	12,823.62	1,903.63
26 24 19 00-0606			Main Lugs Only (26 24 19 00-0484)		
26 24 19 00-0607	EA		600 Amperes Incoming Section, Main Lugs	956.16	399.92
26 24 19 00-0608	EA		800 Amperes Incoming Section, Main Lugs	1,037.06	399.92
26 24 19 00-0609	EA		1,200 Amperes Incoming Section, Main Lugs	1,447.29	628.45
26 24 19 00-0610	EA		2,000 Amperes Incoming Section, Main Lugs	3,631.48	1,142.64
26 24 19 00-0611	EA		3,000 Amperes Incoming Section, Main Lugs	5,534.48	1,656.82
26 24 19 00-0612	EA		4,000 Amperes Incoming Section, Main Lugs	7,922.92	2,285.27
26 24 19 00-0613			Incoming Main Circuit Breaker Structure (26 24 19 00-0484)		
			Note: Includes structure, main breaker, 42 KA bus bracing, 600 A tin plated copper bus, NEMA 1 enclosure, 15" cabinet depth, and 1/4" x 2" tin plated copper horizontal ground bus.		
26 24 19 00-0614	EA		225 Amperes, Main Circuit Breaker Section <i>For 800 Amperes, Tin Plated Copper Bus, Add</i> <i>For 1,200 Amperes, Tin Plated Copper Bus, Add</i> <i>For NEMA 1 With Gaskets, Add</i> <i>For NEMA 12, Add</i> <i>For 20" Cabinet Depth, Add</i>	6,803.73 182.00 334.00 97.00 245.00 108.00	552.92
26 24 19 00-0615	EA		400 Amperes, Main Circuit Breaker Section <i>For 800 Amperes, Tin Plated Copper Bus, Add</i> <i>For 1,200 Amperes, Tin Plated Copper Bus, Add</i> <i>For NEMA 1 With Gaskets, Add</i> <i>For NEMA 12, Add</i> <i>For 20" Cabinet Depth, Add</i>	14,523.51 182.00 334.00 97.00 245.00 108.00	710.27

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24	19 00-0616	EA		600 Amperes, Main Circuit Breaker Section <i>For 800 Amperes, Tin Plated Copper Bus, Add</i> <i>For 1,200 Amperes, Tin Plated Copper Bus, Add</i> <i>For NEMA 1 With Gaskets, Add</i> <i>For NEMA 12, Add</i> <i>For 20" Cabinet Depth, Add</i>	15,015.49 182.00 334.00 97.00 245.00 108.00	1,106.30
26 24	19 00-0617	EA		800 Amperes, Main Circuit Breaker Section <i>For 800 Amperes, Tin Plated Copper Bus, Add</i> <i>For 1,200 Amperes, Tin Plated Copper Bus, Add</i> <i>For NEMA 1 With Gaskets, Add</i> <i>For NEMA 12, Add</i> <i>For 20" Cabinet Depth, Add</i>	21,415.95 182.00 334.00 97.00 245.00 108.00	1,106.30
26 24	19 00-0618	EA		1,200 Amperes, Main Circuit Breaker Section <i>For 800 Amperes, Tin Plated Copper Bus, Add</i> <i>For 1,200 Amperes, Tin Plated Copper Bus, Add</i> <i>For NEMA 1 With Gaskets, Add</i> <i>For NEMA 12, Add</i> <i>For 20" Cabinet Depth, Add</i>	31,058.04 182.00 334.00 97.00 245.00 108.00	1,251.76
26 24	19 00-0619			Incoming Fusible Main Disconnect Section (26 24 19 00-0484) Note: Includes structure, fuses, 42 KA bus bracing, 600 A tin plated copper bus, NEMA 1 enclosure, 15" cabinet depth, and 1/4" x 2" tin plated copper horizontal ground bus.		
26 24	19 00-0620	EA		200 Amperes, Fusible Main Disconnect Section <i>For 800 Amperes, Tin Plated Copper Bus, Add</i> <i>For 1,200 Amperes, Tin Plated Copper Bus, Add</i> <i>For NEMA 1 With Gaskets, Add</i> <i>For NEMA 12, Add</i> <i>For 20" Cabinet Depth, Add</i>	5,894.94 182.00 334.00 97.00 245.00 108.00	553.61
26 24	19 00-0621	EA		400 Amperes, Fusible Main Disconnect Section <i>For 800 Amperes, Tin Plated Copper Bus, Add</i> <i>For 1,200 Amperes, Tin Plated Copper Bus, Add</i> <i>For NEMA 1 With Gaskets, Add</i> <i>For NEMA 12, Add</i> <i>For 20" Cabinet Depth, Add</i>	8,148.68 182.00 334.00 97.00 245.00 108.00	710.61
26 24	19 00-0622	EA		600 Amperes, Fusible Main Disconnect Section <i>For 800 Amperes, Tin Plated Copper Bus, Add</i> <i>For 1,200 Amperes, Tin Plated Copper Bus, Add</i> <i>For NEMA 1 With Gaskets, Add</i> <i>For NEMA 12, Add</i> <i>For 20" Cabinet Depth, Add</i>	15,968.39 182.00 334.00 97.00 245.00 108.00	1,107.22
26 24	19 00-0623	EA		800 Amperes, Fusible Main Disconnect Section <i>For 800 Amperes, Tin Plated Copper Bus, Add</i> <i>For 1,200 Amperes, Tin Plated Copper Bus, Add</i> <i>For NEMA 1 With Gaskets, Add</i> <i>For NEMA 12, Add</i> <i>For 20" Cabinet Depth, Add</i>	18,593.98 182.00 334.00 97.00 245.00 108.00	1,107.22
26 24	19 00-0624	EA		1,200 Amperes, Fusible Main Disconnect Section <i>For 800 Amperes, Tin Plated Copper Bus, Add</i> <i>For 1,200 Amperes, Tin Plated Copper Bus, Add</i> <i>For NEMA 1 With Gaskets, Add</i> <i>For NEMA 12, Add</i> <i>For 20" Cabinet Depth, Add</i>	26,240.74 182.00 334.00 97.00 245.00 108.00	1,252.90
26 24	19 00-0625			Circuit Breaker Combination Starters (26 24 19 00-0484)		
26 24	19 00-0626			Class I, Type A (26 24 19 00-0625)		
26 24	19 00-0627	EA		Size 1, Class I, Type A Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,035.87 132.25	231.95
26 24	19 00-0628	EA		Size 2, Class I, Type A Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,206.59 146.49	231.95
26 24	19 00-0629	EA		Size 3, Class I, Type A Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,755.00 197.01	329.08
26 24	19 00-0630	EA		Size 4, Class I, Type A Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,871.14 259.69	433.06
26 24	19 00-0631	EA		Size 5, Class I, Type A Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,174.34 324.61	541.61
26 24	19 00-0632			Class I, Type B (26 24 19 00-0625)		
26 24	19 00-0633	EA		Size 1, Class I, Type B Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	982.75 114.26	202.24
26 24	19 00-0634	EA		Size 2, Class I, Type B Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,147.21 128.68	202.24
26 24	19 00-0635	EA		Size 3, Class I, Type B Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,684.27 175.79	292.52
26 24	19 00-0636	EA		Size 4, Class I, Type B Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,799.01 238.05	396.49
26 24	19 00-0637	EA		Size 5, Class I, Type B Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,116.17 307.16	506.19
26 24	19 00-0638			Class I, Type C (26 24 19 00-0625)		
26 24	19 00-0639	EA		Size 1, Class I, Type C Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,039.05 103.50	187.39
26 24	19 00-0640	EA		Size 2, Class I, Type C Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,213.55 121.56	187.39

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 24 19 00-0641	EA	Size 3, Class I, Type C Circuit Breaker Combination Starter	1,805.59	279.95
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	168.03	
26 24 19 00-0642	EA	Size 4, Class I, Type C Circuit Breaker Combination Starter	2,926.84	387.36
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	232.25	
26 24 19 00-0643	EA	Size 5, Class I, Type C Circuit Breaker Combination Starter	5,235.75	497.05
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	297.56	
26 24 19 00-0644		Class II, Type B <small>(26 24 19 00-0625)</small>		
26 24 19 00-0645	EA	Size 1, Class II, Type B Circuit Breaker Combination Starter	1,033.70	277.66
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	156.96	
26 24 19 00-0646	EA	Size 2, Class II, Type B Circuit Breaker Combination Starter	1,434.26	277.66
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	175.25	
26 24 19 00-0647	EA	Size 3, Class II, Type B Circuit Breaker Combination Starter	2,036.34	370.22
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	221.44	
26 24 19 00-0648	EA	Size 4, Class II, Type B Circuit Breaker Combination Starter	3,335.52	474.19
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	285.66	
26 24 19 00-0649	EA	Size 5, Class II, Type B Circuit Breaker Combination Starter	6,039.90	579.32
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	348.36	
26 24 19 00-0650		Class II, Type C <small>(26 24 19 00-0625)</small>		
26 24 19 00-0651	EA	Size 1, Class II, Type C Circuit Breaker Combination Starter	1,296.34	262.81
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	150.35	
26 24 19 00-0652	EA	Size 2, Class II, Type C Circuit Breaker Combination Starter	1,489.59	262.81
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	164.17	
26 24 19 00-0653	EA	Size 3, Class II, Type C Circuit Breaker Combination Starter	2,163.51	358.79
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	214.78	
26 24 19 00-0654	EA	Size 4, Class II, Type C Circuit Breaker Combination Starter	3,454.96	462.77
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	277.34	
26 24 19 00-0655	EA	Size 5, Class II, Type C Circuit Breaker Combination Starter	6,175.28	571.32
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	344.17	
26 24 19 00-0656		Fused Disconnect Combination Starter <small>(26 24 19 00-0484)</small>		
26 24 19 00-0657		Class I, Type A <small>(26 24 19 00-0656)</small>		
26 24 19 00-0658	EA	Size 1, Class I, Type A Fused Disconnect Combination Starter	944.62	213.67
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	128.68	
26 24 19 00-0659	EA	Size 2, Class I, Type A Fused Disconnect Combination Starter	1,425.47	292.52
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	175.25	
26 24 19 00-0660	EA	Size 3, Class I, Type A Fused Disconnect Combination Starter	2,268.64	380.50
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	228.53	
26 24 19 00-0661	EA	Size 4, Class I, Type A Fused Disconnect Combination Starter	3,102.93	533.61
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	320.96	
26 24 19 00-0662	EA	Size 5, Class I, Type A Fused Disconnect Combination Starter	5,445.28	679.86
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	408.08	
26 24 19 00-0663		Class I, Type B <small>(26 24 19 00-0656)</small>		
26 24 19 00-0664	EA	Size 1, Class I, Type B Fused Disconnect Combination Starter	962.98	190.82
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	114.26	
26 24 19 00-0665	EA	Size 2, Class I, Type B Fused Disconnect Combination Starter	1,296.75	261.66
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	156.96	
26 24 19 00-0666	EA	Size 3, Class I, Type B Fused Disconnect Combination Starter	1,919.97	349.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	210.04	
26 24 19 00-0667	EA	Size 4, Class I, Type B Fused Disconnect Combination Starter	3,214.62	505.04
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	303.89	
26 24 19 00-0668	EA	Size 5, Class I, Type B Fused Disconnect Combination Starter	5,541.27	642.17
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	386.03	
26 24 19 00-0669		Class I, Type C <small>(26 24 19 00-0656)</small>		
26 24 19 00-0670	EA	Size 1, Class I, Type C Fused Disconnect Combination Starter	1,020.01	178.25
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	106.99	
26 24 19 00-0671	EA	Size 2, Class I, Type C Fused Disconnect Combination Starter	1,370.93	242.24
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	146.49	
26 24 19 00-0672	EA	Size 3, Class I, Type C Fused Disconnect Combination Starter	2,088.40	337.08
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	204.04	
26 24 19 00-0673	EA	Size 4, Class I, Type C Fused Disconnect Combination Starter	3,381.96	497.05
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	297.56	
26 24 19 00-0674	EA	Size 5, Class I, Type C Fused Disconnect Combination Starter	5,241.09	635.31
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	380.88	
26 24 19 00-0675		Class II, Type B <small>(26 24 19 00-0656)</small>		
26 24 19 00-0676	EA	Size 1, Class II, Type B Fused Disconnect Combination Starter	1,213.69	267.38
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	160.48	
26 24 19 00-0677	EA	Size 2, Class II, Type B Fused Disconnect Combination Starter	1,568.35	333.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	199.76	
26 24 19 00-0678	EA	Size 3, Class II, Type B Fused Disconnect Combination Starter	2,276.01	429.63
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	257.35	
26 24 19 00-0679	EA	Size 4, Class II, Type B Fused Disconnect Combination Starter	3,709.96	579.32
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	348.36	
26 24 19 00-0680	EA	Size 5, Class II, Type B Fused Disconnect Combination Starter	6,371.63	723.29
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	432.82	

MINOR	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 24 19 00-0681	Class II, Type C <small>(26 24 19 00-0656)</small>		
26 24 19 00-0682	EA Size 1, Class II, Type C Fused Disconnect Combination Starter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,261.19 150.35	251.38
26 24 19 00-0683	EA Size 2, Class II, Type C Fused Disconnect Combination Starter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,642.15 189.18	315.37
26 24 19 00-0684	EA Size 3, Class II, Type C Fused Disconnect Combination Starter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,417.55 246.26	410.20
26 24 19 00-0685	EA Size 4, Class II, Type C Fused Disconnect Combination Starter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,860.83 340.07	565.61
26 24 19 00-0686	EA Size 5, Class II, Type C Fused Disconnect Combination Starter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,517.63 420.08	700.43
26 24 19 00-0687	Space Complete With Bus And Hardware <small>(26 24 19 00-0484)</small>		
26 24 19 00-0688	Circuit Breaker Type <small>(26 24 19 00-0687)</small>		
26 24 19 00-0689	EA Circuit Breaker Type, Size 1 Space Complete With Bus And Hardware.....	291.02	77.70
26 24 19 00-0690	EA Circuit Breaker Type, Size 2 Space Complete With Bus And Hardware.....	291.02	77.70
26 24 19 00-0691	EA Circuit Breaker Type, Size 3 Space Complete With Bus And Hardware.....	432.65	113.13
26 24 19 00-0692	EA Circuit Breaker Type, Size 4 Space Complete With Bus And Hardware.....	512.18	148.54
26 24 19 00-0693	EA Circuit Breaker Type, Size 5 Space Complete With Bus And Hardware.....	862.05	226.24
26 24 19 00-0694	Fused Disconnect Type <small>(26 24 19 00-0687)</small>		
26 24 19 00-0695	EA Fused Disconnect Type, Size 1 Space Complete With Bus And Hardware.....	291.02	77.70
26 24 19 00-0696	EA Fused Disconnect Type, Size 2 Space Complete With Bus And Hardware.....	384.86	113.13
26 24 19 00-0697	EA Fused Disconnect Type, Size 3 Space Complete With Bus And Hardware.....	535.57	148.54
26 24 19 00-0698	EA Fused Disconnect Type, Size 4 Space Complete With Bus And Hardware.....	927.32	226.24
26 24 19 00-0699	EA Fused Disconnect Type, Size 5 Space Complete With Bus And Hardware.....	1,291.39	329.08
26 24 19 00-0700	Blank Space For Future Expansion <small>(26 24 19 00-0687)</small>		
	Note: Factory modified no labor costs.		
26 24 19 00-0701	EA Blank Space For Future Expansion, Size 1 Factory Modified, No Crew Costs.....	136.19	
26 24 19 00-0702	EA Blank Space For Future Expansion, Size 2 Factory Modified, No Crew Costs.....	136.19	
26 24 19 00-0703	EA Blank Space For Future Expansion, Size 3 Factory Modified, No Crew Costs.....	206.48	
26 24 19 00-0704	EA Blank Space For Future Expansion, Size 4 Factory Modified, No Crew Costs.....	206.48	
26 24 19 00-0705	EA Blank Space For Future Expansion, Size 5 Factory Modified, No Crew Costs.....	410.77	
26 24 19 00-0706	Structure Combination Of Starters To 72" High <small>(26 24 19 00-0687)</small>		
26 24 19 00-0707	EA Structure Combination Of Starters To 72" High.....	3,416.72	601.37
26 24 19 00-0708	Motor Control Center Basic Distribution Section <small>(26 24 19 00-0484)</small>		
26 24 19 00-0709	EA 20" Wide Basic Section With Vertical Wireway..... <i>For 20" Cabinet Depth, Add</i> <i>For 800 Amperes, Tin Plated Copper Bus, Add</i> <i>For 1,200 Amperes, Tin Plated Copper Bus, Add</i> <i>For 1,600 Amperes, Tin Plated Copper Bus, Add</i> <i>For 2,000 Amperes, Tin Plated Copper Bus, Add</i> <i>For NEMA 1 With Gasket, Add</i> <i>For NEMA 12, Add</i> <i>For 600 Amperes, Tin Plated Copper Vertical, Add</i>	5,672.06 108.00 182.00 334.00 402.00 506.00 97.00 245.00 210.00	1,566.09
26 24 19 00-0710	EA 25"-35" Wide Basic Section (No Vertical Wireway)..... <i>For 20" Cabinet Depth, Add</i> <i>For 800 Amperes, Tin Plated Copper Bus, Add</i> <i>For 1,200 Amperes, Tin Plated Copper Bus, Add</i> <i>For 1,600 Amperes, Tin Plated Copper Bus, Add</i> <i>For 2,000 Amperes, Tin Plated Copper Bus, Add</i> <i>For NEMA 1 With Gasket, Add</i> <i>For NEMA 12, Add</i> <i>For 600 Amperes, Tin Plated Copper Vertical, Add</i>	5,672.06 108.00 182.00 334.00 402.00 506.00 97.00 245.00 210.00	1,566.09
26 24 19 00-0711	EA 25" Wide Basic Section With 9" Wide Vertical Wireway..... <i>For 20" Cabinet Depth, Add</i> <i>For 800 Amperes, Tin Plated Copper Bus, Add</i> <i>For 1,200 Amperes, Tin Plated Copper Bus, Add</i> <i>For 1,600 Amperes, Tin Plated Copper Bus, Add</i> <i>For 2,000 Amperes, Tin Plated Copper Bus, Add</i> <i>For NEMA 1 With Gasket, Add</i> <i>For NEMA 12, Add</i> <i>For 600 Amperes, Tin Plated Copper Vertical, Add</i>	6,270.54 108.00 182.00 334.00 402.00 506.00 97.00 245.00 210.00	1,566.09
26 24 19 00-0712	EA Corner Section..... <i>For 20" Cabinet Depth, Add</i> <i>For 800 Amperes, Tin Plated Copper Bus, Add</i> <i>For 1,200 Amperes, Tin Plated Copper Bus, Add</i> <i>For 1,600 Amperes, Tin Plated Copper Bus, Add</i> <i>For 2,000 Amperes, Tin Plated Copper Bus, Add</i> <i>For NEMA 1 With Gasket, Add</i> <i>For NEMA 12, Add</i> <i>For 600 Amperes, Tin Plated Copper Vertical, Add</i>	6,270.54 108.00 182.00 334.00 402.00 506.00 97.00 245.00 210.00	1,566.09
26 24 19 00-0713	Motor Control Center Starters With HMCP Circuit Breaker <small>(26 24 19 00-0484)</small>		
	Note: Includes door, unit support pan, heater elements, and NEMA 1 with gasket, or NEMA 12 enclosure. Line voltages of 208 V, 240 V, 480 V, and 600 V.		

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 24 Switchboards and Panelboards

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0714			FVNR Starters With HMCP Circuit Breaker (26 24 19 00-0713)		
26 24 19 00-0715	EA		Class 1, Type A, Size 1 FVNR Starters With HMCP Circuit Breaker.....	1,481.24	219.96
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	131.96	
26 24 19 00-0716	EA		Class 1, Type A, Size 2 FVNR Starters With HMCP Circuit Breaker.....	1,648.73	243.95
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	146.36	
26 24 19 00-0717	EA		Class 1, Type A, Size 3 FVNR Starters With HMCP Circuit Breaker.....	2,863.23	327.94
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	196.78	
26 24 19 00-0718	EA		Class 1, Type A, Size 4 FVNR Starters With HMCP Circuit Breaker.....	4,155.20	432.37
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	259.46	
26 24 19 00-0719	EA		Class 1, Type A, Size 5 FVNR Starters With HMCP Circuit Breaker.....	9,495.08	540.36
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	324.24	
26 24 19 00-0720	EA		Class 1, Type A, Size 6 FVNR Starters With HMCP Circuit Breaker.....	22,244.72	540.36
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	324.24	
26 24 19 00-0721	EA		Class 1, Type B, Size 1 FVNR Starters With HMCP Circuit Breaker.....	1,497.08	190.25
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	114.14	
26 24 19 00-0722	EA		Class 1, Type B, Size 2 FVNR Starters With HMCP Circuit Breaker.....	1,688.46	214.24
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	128.54	
26 24 19 00-0723	EA		Class 1, Type B, Size 3 FVNR Starters With HMCP Circuit Breaker.....	2,929.59	292.52
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	175.50	
26 24 19 00-0724	EA		Class 1, Type B, Size 4 FVNR Starters With HMCP Circuit Breaker.....	4,159.68	396.49
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	237.92	
26 24 19 00-0725	EA		Class 1, Type B, Size 5 FVNR Starters With HMCP Circuit Breaker.....	9,514.41	511.90
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	307.16	
26 24 19 00-0726	EA		Class 1, Type B, Size 6 FVNR Starters With HMCP Circuit Breaker.....	22,401.23	511.90
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	307.16	
26 24 19 00-0727			Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker (26 24 19 00-0713)		
26 24 19 00-0728	EA		Class 1, Type A, Size 1 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker.....	2,376.34	275.27
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	165.12	
26 24 19 00-0729	EA		Class 1, Type A, Size 2 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker.....	2,917.05	304.51
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	182.72	
26 24 19 00-0730	EA		Class 1, Type A, Size 3 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker.....	4,812.08	409.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	245.55	
26 24 19 00-0731	EA		Class 1, Type A, Size 4 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker.....	8,286.64	541.04
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	324.61	
26 24 19 00-0732	EA		Class 1, Type A, Size 5 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker.....	14,980.49	676.90
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	406.15	
26 24 19 00-0733	EA		Class 1, Type B, Size 1 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker.....	2,415.65	237.67
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	142.59	
26 24 19 00-0734	EA		Class 1, Type B, Size 2 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker.....	2,981.21	267.95
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	160.79	
26 24 19 00-0735	EA		Class 1, Type B, Size 3 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker.....	4,901.46	366.22
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	219.74	
26 24 19 00-0736	EA		Class 1, Type B, Size 4 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker.....	8,310.89	495.90
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	297.56	
26 24 19 00-0737	EA		Class 1, Type B, Size 5 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker.....	15,022.05	640.45
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	384.29	
26 24 19 00-0738			Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker (26 24 19 00-0713)		
26 24 19 00-0739	EA		Class 1, Type A, Size 1 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker.....	2,605.15	275.27
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	165.12	
26 24 19 00-0740	EA		Class 1, Type A, Size 2 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker.....	3,711.80	304.51
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	182.72	
26 24 19 00-0741	EA		Class 1, Type A, Size 3 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker.....	7,013.28	409.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	245.55	
26 24 19 00-0742	EA		Class 1, Type A, Size 4 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker.....	9,551.22	541.04
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	324.61	
26 24 19 00-0743	EA		Class 1, Type A, Size 5 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker.....	19,167.79	676.90
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	406.15	
26 24 19 00-0744	EA		Class 1, Type B, Size 1 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker.....	2,644.46	237.67
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	142.59	
26 24 19 00-0745	EA		Class 1, Type B, Size 2 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker.....	3,775.96	267.95
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	160.79	
26 24 19 00-0746	EA		Class 1, Type B, Size 3 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker.....	7,102.65	366.22
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	219.74	
26 24 19 00-0747	EA		Class 1, Type B, Size 4 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker.....	9,575.47	495.90
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	297.56	
26 24 19 00-0748	EA		Class 1, Type B, Size 5 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker.....	19,209.35	640.45
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	384.29	
26 24 19 00-0749			Motor Control Center Starters With Fusible Disconnect (26 24 19 00-0484)		
			Note: Includes fuses, door, unit support pan, heater elements, and NEMA 1 with gasket, or NEMA 12 enclosure. Line voltages of 208 V, 240 V, 480 V, and 600 V.		
26 24 19 00-0750			FVNR Starters With Fusible Disconnect (26 24 19 00-0749)		
26 24 19 00-0751	EA		Class 1, Type A, Size 1 FVNR Starters With Fusible Disconnect.....	1,193.16	214.47
26 24 19 00-0752	EA		Class 1, Type A, Size 2 FVNR Starters With Fusible Disconnect.....	1,554.68	291.48
26 24 19 00-0753	EA		Class 1, Type A, Size 3 FVNR Starters With Fusible Disconnect.....	2,597.87	379.81
26 24 19 00-0754	EA		Class 1, Type A, Size 4 FVNR Starters With Fusible Disconnect.....	4,386.16	534.98
26 24 19 00-0755	EA		Class 1, Type A, Size 5 FVNR Starters With Fusible Disconnect.....	8,833.36	680.09
26 24 19 00-0756	EA		Class 1, Type A, Size 6 FVNR Starters With Fusible Disconnect.....	22,446.29	680.09
26 24 19 00-0757	EA		Class 1, Type B, Size 1 FVNR Starters With Fusible Disconnect.....	1,218.85	190.14
26 24 19 00-0758	EA		Class 1, Type B, Size 2 FVNR Starters With Fusible Disconnect.....	1,593.07	261.09
26 24 19 00-0759	EA		Class 1, Type B, Size 3 FVNR Starters With Fusible Disconnect.....	2,675.57	350.10

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 24 19 00-0760	EA	Class 1, Type B, Size 4 FVNR Starters With Fusible Disconnect.....	4,405.53	506.53
26 24 19 00-0761	EA	Class 1, Type B, Size 5 FVNR Starters With Fusible Disconnect.....	8,836.10	643.42
26 24 19 00-0762	EA	Class 1, Type B, Size 6 FVNR Starters With Fusible Disconnect.....	22,586.32	643.42
26 24 19 00-0763		Two Speed 2-Winding (TS2W) With Fusible Disconnect (26 24 19 00-0749)		
26 24 19 00-0764	EA	Class 1, Type A, Size 1 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	2,060.85	268.52
26 24 19 00-0765	EA	Class 1, Type A, Size 2 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	2,871.95	364.38
26 24 19 00-0766	EA	Class 1, Type A, Size 3 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	4,451.43	474.53
26 24 19 00-0767	EA	Class 1, Type A, Size 4 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	9,348.10	670.61
26 24 19 00-0768	EA	Class 1, Type A, Size 5 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	15,225.19	784.76
26 24 19 00-0769	EA	Class 1, Type B, Size 1 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	2,112.59	237.67
26 24 19 00-0770	EA	Class 1, Type B, Size 2 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	2,932.71	326.10
26 24 19 00-0771	EA	Class 1, Type B, Size 3 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	4,554.06	438.09
26 24 19 00-0772	EA	Class 1, Type B, Size 4 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	9,385.35	631.99
26 24 19 00-0773	EA	Class 1, Type B, Size 5 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	15,250.15	740.09
26 24 19 00-0774		Two Speed 1-Winding (TS1W) With Fusible Disconnect (26 24 19 00-0749)		
26 24 19 00-0775	EA	Class 1, Type A, Size 1 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	2,405.60	268.52
26 24 19 00-0776	EA	Class 1, Type A, Size 2 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	3,678.90	364.38
26 24 19 00-0777	EA	Class 1, Type A, Size 3 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	6,675.50	474.53
26 24 19 00-0778	EA	Class 1, Type A, Size 4 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	9,811.83	670.61
26 24 19 00-0779	EA	Class 1, Type A, Size 5 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	18,561.30	784.76
26 24 19 00-0780	EA	Class 1, Type B, Size 1 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	2,458.36	237.67
26 24 19 00-0781	EA	Class 1, Type B, Size 2 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	3,739.66	326.10
26 24 19 00-0782	EA	Class 1, Type B, Size 3 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	6,778.14	438.09
26 24 19 00-0783	EA	Class 1, Type B, Size 4 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	9,849.09	631.99
26 24 19 00-0784	EA	Class 1, Type B, Size 5 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	18,586.26	740.09
26 24 19 00-0785		Tin Plated Copper Bus Bar And Ground Bus Bar Splice Kit (26 24 19 00-0484)		
		Note: Per section. Labor is included in basic distribution section.		
26 24 19 00-0786	EA	600 Amperes, Horizontal Tin Plated Copper Bus Kit.....	260.49	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.59	
26 24 19 00-0787	EA	800 Amperes, Horizontal Tin Plated Copper Bus Kit.....	319.47	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.59	
26 24 19 00-0788	EA	1,200 Amperes, Horizontal Tin Plated Copper Bus Kit.....	384.17	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.30	
26 24 19 00-0789	EA	1,600 Amperes, Horizontal Tin Plated Copper Bus Kit.....	500.10	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.30	
26 24 19 00-0790	EA	2,000 Amperes, Horizontal Tin Plated Copper Bus Kit.....	839.38	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.02	
26 24 19 00-0791	EA	1/4" x 2" Horizontal Tin Plated Copper Ground Bus Kit.....	148.99	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.87	
26 24 19 00-0792		Disconnect Switch For Motor Control Centers (26 24 19 00-0484)		
26 24 19 00-0793		3 Pole Circuit Breaker Disconnect For Motor Control Center (26 24 19 00-0792)		
		Note: Includes door, unit support pan, inverse time (Thermal Magnetic) circuit breaker, and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Class 1 type A (no starters).		
26 24 19 00-0794	EA	150 Amperes Rating, 15 To 100 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect.....	890.87	165.11
26 24 19 00-0795	EA	150 Amperes Rating, 125 To 150 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect.....	1,547.92	182.82
26 24 19 00-0796	EA	225 Amperes Rating, 70 To 225 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect.....	1,890.85	246.24
26 24 19 00-0797	EA	400 Amperes Rating, 125 To 400 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect.....	3,128.72	324.51
26 24 19 00-0798	EA	600 Amperes Rating, 300 To 600 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect.....	5,389.29	405.63
26 24 19 00-0799	EA	800 Amperes Rating, 400 To 800 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect.....	6,141.86	405.63
26 24 19 00-0800	EA	1,200 Amperes Rating, 600 To 1,200 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect.....	12,618.94	507.90
26 24 19 00-0801		Fusible Disconnect Switch For Motor Control Center (26 24 19 00-0792)		
		Note: Includes door, unit support pan, fuses and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Class 1 type A (no starters).		
26 24 19 00-0802	EA	30 Amperes Switch Rating, Fusible Disconnect Switch With 30 Amperes Fuse Clips.....	824.46	160.54
26 24 19 00-0803	EA	60 Amperes Switch Rating, Fusible Disconnect Switch With 60 Amperes Fuse Clips.....	971.56	218.81
26 24 19 00-0804	EA	100 Amperes Switch Rating, Fusible Disconnect Switch With 100 Amperes Fuse Clips.....	1,331.76	279.95
26 24 19 00-0805	EA	200 Amperes Switch Rating, Fusible Disconnect Switch With 200 Amperes Fuse Clips.....	2,484.74	401.06
26 24 19 00-0806	EA	400 Amperes Switch Rating, Fusible Disconnect Switch With 400 Amperes Fuse Clips.....	4,417.34	510.08
26 24 19 00-0807	EA	600 Amperes Switch Rating, Fusible Disconnect Switch With 600 Amperes Fuse Clips.....	10,152.95	510.08
26 24 19 00-0808	EA	800 Amperes Switch Rating, Fusible Disconnect Switch With 800 Amperes Fuse Clips.....	12,551.23	637.60
26 24 19 00-0809	EA	1,200 Amperes Switch Rating, Fusible Disconnect Switch With 1,200 Amperes Fuse Clips.....	18,555.32	637.60
26 24 19 00-0810		Control Circuit Transformer (26 24 19 00-0484)		
26 24 19 00-0811	EA	Control Circuit Transformer, Size 1 Factory Installed.....	72.66	
26 24 19 00-0812	EA	Control Circuit Transformer, Size 2 Factory Installed.....	72.66	
26 24 19 00-0813	EA	Control Circuit Transformer, Size 3 Factory Installed.....	139.93	
26 24 19 00-0814	EA	Control Circuit Transformer, Size 4 Factory Installed.....	139.93	
26 24 19 00-0815	EA	Control Circuit Transformer, Size 5 Factory Installed.....	194.40	
26 24 19 00-0816	EA	Control Circuit Fuse And Holder Small Dim, Dual Element Time Delay.....	53.54	12.93
26 24 19 00-0817		Cover Mounted Control Devices (26 24 19 00-0484)		
26 24 19 00-0818	EA	Control Device, 2 Unit Push Button Station Cover Mounted.....	120.27	22.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.28	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0819	EA		Control Device, 2-3 Unit Selector Switch Cover Mounted.....	134.86	22.85
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.85	
26 24 19 00-0820	EA		Control Device, Pilot Light Cover Mounted.....	113.70	22.85
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.70	
26 24 19 00-0821	EA		Control Device, Hand-Off-Auto Switch Cover Mounted With Pilot Light.....	306.80	77.70
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	46.83	
26 24 19 00-0822	EA		Auxiliary Contact Add Per Starter.....	371.98	29.59
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.76	
26 24 19 00-0823			Extra Interlocks (26 24 19 00-0484)		
			Note: Per contact.		
26 24 19 00-0824	EA		Extra Interlocks, Class I, Type A Per Contact.....	78.19	14.85
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.70	
26 24 19 00-0825	EA		Extra Interlocks, Class I, Type B Per Contact.....	108.57	14.85
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.70	
26 24 19 00-0826	EA		Extra Interlocks, Class I, Type C Per Contact.....	120.88	14.85
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.93	
26 24 19 00-0827	EA		Extra Interlocks, Class II, Type B Per Contact.....	108.85	14.85
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.14	
26 24 19 00-0828	EA		Extra Interlocks, Class II, Type C Per Contact.....	115.16	14.85
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.39	
26 24 19 00-0829			Special Cabinet Provisions (26 24 19 00-0484)		
26 24 19 00-0830	EA		Provisions For Bus Duct Entrance Special Cabinet Provisions.....	909.56	
26 24 19 00-0831			Nameplate Requirements (26 24 19 00-0484)		
26 24 19 00-0832	EA		Special Cabinet Nameplate Requirements.....	32.29	
26 24 19 00-0833			Auxiliary Relays (26 24 19 00-0484)		
26 24 19 00-0834	EA		Industrial Control Relay, 10 Amperes, Class A600 With 2 Contacts.....	176.83	28.62
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.17	
26 24 19 00-0835	EA		Timing Relay, Solid State, DPDT 0.1-1.0 Sec Variable, Off-Delay.....	167.11	25.75
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.17	
26 24 19 00-0836	EA		General Purpose Control Relay, 240 Volt AC, 10 Amperes, With Base.....	94.60	25.75
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.17	
26 24 19 00-0837			Motor Control Center Accessories (26 24 19 00-0484)		
26 24 19 00-0838			Lighting Transformer With Circuit Breaker (26 24 19 00-0837)		
			Note: For 240 V, 480 V, or 600 V primary. Includes door, unit support pan, and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure for MCC only.		
26 24 19 00-0839	EA		1 Phase, 5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker.....	5,258.33	367.04
26 24 19 00-0840	EA		1 Phase, 7.5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker.....	5,467.09	381.73
26 24 19 00-0841	EA		1 Phase, 10 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker.....	5,981.80	411.09
26 24 19 00-0842	EA		1 Phase, 15 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker.....	7,521.19	440.45
26 24 19 00-0843	EA		1 Phase, 25 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker.....	10,115.18	469.82
26 24 19 00-0844	EA		1 Phase, 37.5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker.....	12,426.55	528.55
26 24 19 00-0845	EA		1 Phase, 50 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker.....	16,330.09	587.27
26 24 19 00-0846	EA		3 Phase, 10 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker.....	9,535.34	484.50
26 24 19 00-0847	EA		3 Phase, 15 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker.....	10,359.61	528.55
26 24 19 00-0848	EA		3 Phase, 25 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker.....	11,848.83	587.27
26 24 19 00-0849	EA		3 Phase, 30 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker.....	12,569.89	646.00
26 24 19 00-0850	EA		3 Phase, 37.5 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker.....	15,167.17	704.73
26 24 19 00-0851	EA		3 Phase, 45 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker.....	15,649.03	763.45
26 24 19 00-0852			Bolt-On Lighting Panel (26 24 19 00-0837)		
			Note: Includes door, T-handle, unit support pan, neutral bar (10 KA IC RMS), and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. For MCC only.		
26 24 19 00-0853	EA		18 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt.....	2,175.96	594.62
26 24 19 00-0854	EA		30 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt.....	3,381.85	1,035.00
26 24 19 00-0855	EA		42 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt.....	4,491.80	1,400.30
26 24 19 00-0856	EA		18 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt.....	2,273.45	643.42
26 24 19 00-0857	EA		30 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt.....	3,337.81	1,012.95
26 24 19 00-0858	EA		42 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt.....	4,666.84	1,487.83
26 24 19 00-0859	EA		18 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt.....	3,704.04	689.70
26 24 19 00-0860	EA		30 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt.....	4,912.88	1,107.22
26 24 19 00-0861	EA		42 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt.....	6,128.20	1,487.83
26 24 19 00-0862	EA		18 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt.....	3,812.53	743.85
26 24 19 00-0863	EA		30 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt.....	4,912.88	1,107.22
26 24 19 00-0864	EA		42 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt.....	6,224.18	1,535.81
26 24 19 00-0865			Factory Installed Bolt-On Branch Circuit Breaker (26 24 19 00-0837)		
			Note: For MCC lighting panel only.		
26 24 19 00-0866	EA		15 To 30 Amperes, 1 Pole, Bolt-On Branch Circuit Breaker.....	22.49	
26 24 19 00-0867	EA		15 To 30 Amperes, 1 Pole (GFI) Bolt-On Branch Circuit Breaker.....	280.31	
26 24 19 00-0868	EA		15 To 50 Amperes, 2 Pole, Bolt-On Branch Circuit Breaker.....	43.95	
26 24 19 00-0869	EA		60 To 100 Amperes, 2 Pole, Bolt-On Branch Circuit Breaker.....	101.19	
26 24 19 00-0870	EA		15 To 50 Amperes, 3 Pole, Bolt-On Branch Circuit Breaker.....	118.57	
26 24 19 00-0871	EA		60 To 100 Amperes, 3 Pole, Bolt-On Branch Circuit Breaker.....	179.89	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 24 19 00-0872	Blank Unit Door (BUD) <small>(26 24 19 00-0837)</small>		
Note: With NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Factory installed.			
26 24 19 00-0873	EA 6" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	74.75	
26 24 19 00-0874	EA 12" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	89.70	
26 24 19 00-0875	EA 18" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	134.55	
26 24 19 00-0876	EA 24" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	179.40	
26 24 19 00-0877	EA 30" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	269.10	
26 24 19 00-0878	EA 48" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	313.95	
26 24 19 00-0879	EA 72" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	358.80	

26 25 Enclosed Bus Assemblies (26 20)

26 25 13 Low-Voltage Busways (26 25)

26 25 13 00-0001	Plug-In Bus Duct <small>(26 25 13)</small>		
Note: Based on an average of 100' horizontal run with a 15' maximum mounting height. Each 100' of bus duct includes 2 elbows, 1 end cap, and switchboard stub. Excludes hangers with anchors and hardware support.			
26 25 13 00-0002	600 Volt, 3-Phase, 3-Wire, Copper Conductors <small>(26 25 13 00-0001)</small>		
26 25 13 00-0003	LF 225 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	263.91	34.28
26 25 13 00-0004	LF 400 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	371.56	34.28
26 25 13 00-0005	LF 600 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	469.89	45.71
26 25 13 00-0006	LF 800 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	646.02	45.71
26 25 13 00-0007	LF 1,000 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	681.70	57.13
26 25 13 00-0008	LF 1,350 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	946.29	57.13
26 25 13 00-0009	LF 1,600 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	1,105.75	59.99
26 25 13 00-0010	LF 2,000 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	1,343.73	61.70
26 25 13 00-0011	LF 2,500 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	1,655.82	65.13
26 25 13 00-0012	LF 3,000 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	1,912.09	75.99
26 25 13 00-0013	LF 4,000 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	2,211.62	82.84

26 25 13 00-0014	277/480 Volt, 3-Phase, 4-Wire, 100% Neutral, Copper Conductors <small>(26 25 13 00-0001)</small>		
26 25 13 00-0015	LF 225 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	426.73	34.28
26 25 13 00-0016	LF 400 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	613.91	34.28
26 25 13 00-0017	LF 600 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	694.12	45.71
26 25 13 00-0018	LF 800 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	881.01	45.71
26 25 13 00-0019	LF 1,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	1,073.51	57.13
26 25 13 00-0020	LF 1,350 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	1,388.30	57.13
26 25 13 00-0021	LF 1,600 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	1,792.99	59.19
26 25 13 00-0022	LF 2,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	2,157.25	61.70
26 25 13 00-0023	LF 2,500 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	2,672.80	64.56
26 25 13 00-0024	LF 3,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	3,085.56	75.99
26 25 13 00-0025	LF 4,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	3,575.56	82.84

26 25 13 00-0026	Cable Tap Boxes <small>(26 25 13 00-0001)</small>		
26 25 13 00-0027	600 Volt, 3-Phase, 3-Wire, Copper Conductors <small>(26 25 13 00-0026)</small>		
26 25 13 00-0028	EA 225 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,142.86	159.97
26 25 13 00-0029	EA 400 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,217.93	159.97
26 25 13 00-0030	EA 600 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,399.78	217.10
26 25 13 00-0031	EA 800 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,556.07	217.10
26 25 13 00-0032	EA 1,000 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,742.90	285.66
26 25 13 00-0033	EA 1,350 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	3,005.76	285.66

26 25 13 00-0034	277/480 Volt, 3-Phase, 4-Wire, 100% Neutral, Copper Conductors <small>(26 25 13 00-0026)</small>		
26 25 13 00-0035	EA 225 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	2,217.93	314.23
26 25 13 00-0036	EA 400 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	2,412.89	314.23
26 25 13 00-0037	EA 600 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	2,581.13	428.48
26 25 13 00-0038	EA 800 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	2,900.81	428.48
26 25 13 00-0039	EA 1,000 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	3,054.01	571.32
26 25 13 00-0040	EA 1,350 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	3,473.23	571.32

26 25 13 00-0041	Bus Duct Plug-In Circuit Breaker <small>(26 25 13 00-0001)</small>		
26 25 13 00-0042	240 Volt, 3-Phase <small>(26 25 13 00-0041)</small>		
26 25 13 00-0043	EA 60 Amperes, 240 Volt, 3 Phase, Bus Duct Plug-In Circuit Breaker.....	971.01	114.27
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.51	
26 25 13 00-0044	EA 100 Amperes, 240 Volt, 3 Phase, Bus Duct Plug-In Circuit Breaker.....	1,920.78	114.27
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	80.24	

26 25 13 00-0045	600 Volt, 3-Phase <small>(26 25 13 00-0041)</small>		
26 25 13 00-0046	EA 60 Amperes, 600 Volt, 3 Phase, Bus Duct Plug-in Circuit Breaker.....	1,861.67	114.27
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.51	
26 25 13 00-0047	EA 100 Amperes, 600 Volt, 3 Phase, Bus Duct Plug-in Circuit Breaker.....	2,411.11	114.27
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	80.24	

26 25 13 00-0048	120/208 Volt, 3-Phase, 4-Wire <small>(26 25 13 00-0041)</small>		
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26 Electrical
26 20 Low-Voltage Electrical Distribution
26 25 Enclosed Bus Assemblies

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 13 00-0049	EA		60 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Bus Duct Plug-in Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,118.04 71.42	137.11
26 25 13 00-0050	EA		100 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Bus Duct Plug-in Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,336.64 89.27	137.11
26 25 13 00-0051			277/480 Volt, 3-Phase, 4-Wire <small>(26 25 13 00-0041)</small>		
26 25 13 00-0052	EA		60 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,277.13 71.42	137.11
26 25 13 00-0053	EA		100 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,959.61 89.27	137.11
26 25 13 00-0054	EA		225 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,881.48 205.51	474.19
26 25 13 00-0055	EA		400 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,866.28 446.34	474.19
26 25 13 00-0056	EA		600 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,701.90 621.00	1,371.17
26 25 13 00-0057	EA		800 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9,716.60 1,098.69	1,371.17
26 25 13 00-0058			Bus Duct Plug-In Fusible Switch <small>(26 25 13 00-0001)</small>		
26 25 13 00-0059			240 Volt, 3-Pole, 3-Fuse <small>(26 25 13 00-0058)</small>		
26 25 13 00-0060	EA		30 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch.....	968.83	114.27
26 25 13 00-0061	EA		60 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch.....	1,065.27	114.27
26 25 13 00-0062	EA		100 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch.....	1,470.37	137.11
26 25 13 00-0063	EA		200 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch.....	2,482.84	274.23
26 25 13 00-0064	EA		400 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch.....	6,261.80	617.03
26 25 13 00-0065	EA		600 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch.....	9,381.99	1,074.08
26 25 13 00-0066			600 Volt, 3-Pole, 3-Fuse <small>(26 25 13 00-0058)</small>		
26 25 13 00-0067	EA		30 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch.....	1,005.79	125.69
26 25 13 00-0068	EA		60 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch.....	1,099.85	125.69
26 25 13 00-0069	EA		100 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch.....	1,481.38	125.69
26 25 13 00-0070	EA		200 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch.....	2,541.95	262.81
26 25 13 00-0071	EA		400 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch.....	6,231.28	594.17
26 25 13 00-0072	EA		600 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch.....	9,598.40	1,142.64
26 25 13 00-0073	EA		800 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch.....	15,704.71	1,485.42
26 25 13 00-0074			120/208 Volt, 4-pole, 3 Fuse <small>(26 25 13 00-0058)</small>		
26 25 13 00-0075	EA		30 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch.....	1,120.76	148.54
26 25 13 00-0076	EA		60 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch.....	1,205.16	148.54
26 25 13 00-0077	EA		100 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch.....	1,629.26	148.54
26 25 13 00-0078	EA		200 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch.....	2,761.51	308.51
26 25 13 00-0079	EA		400 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch.....	6,875.12	685.58
26 25 13 00-0080	EA		600 AAmperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch.....	10,010.74	1,051.22
26 25 13 00-0081			277/480 Volt, 4-pole, 3-Fuse <small>(26 25 13 00-0058)</small>		
26 25 13 00-0082	EA		30 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch.....	1,157.34	148.54
26 25 13 00-0083	EA		60 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch.....	1,241.75	126.04
26 25 13 00-0084	EA		100 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch.....	1,737.18	171.39
26 25 13 00-0085	EA		200 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch.....	2,877.00	308.51
26 25 13 00-0086	EA		400 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch.....	6,875.12	685.58
26 25 13 00-0087	EA		600 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch.....	10,010.74	1,051.22
26 25 13 00-0088	EA		800 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch.....	15,820.00	1,394.02
26 25 16			Low-Voltage Cablebus Systems <small>(26 25)</small>		
26 25 16 00-0001			Feeder Bus Duct <small>(26 25 16)</small> Note: Based on an average of 100' horizontal run with a 15' maximum mounting height. Each 100' of bus duct includes 2 elbows, 1 end cap, and switchboard stub. Excludes hangers with anchors and hardware support.		
26 25 16 00-0002			600 Volt, 3 Phase, 3 Wire, Ventilated Low Impedance <small>(26 25 16 00-0001)</small> Note: Copper conductors.		
26 25 16 00-0003	LF		800 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports.....	772.33	47.99
26 25 16 00-0004	LF		1,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports.....	783.19	47.99
26 25 16 00-0005	LF		1,350 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports.....	1,023.85	47.99
26 25 16 00-0006	LF		1,600 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports.....	1,228.89	47.99
26 25 16 00-0007	LF		2,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports.....	1,501.57	47.99
26 25 16 00-0008	LF		3,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports.....	2,049.30	114.27
26 25 16 00-0009	LF		4,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports.....	2,831.16	114.27
26 25 16 00-0010	LF		5,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports.....	3,349.65	114.27
26 25 16 00-0011	LF		6,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports.....	4,124.87	114.27
26 25 16 00-0012			277/480 Volt, 3 Phase, 4 Wire, Half Neutral, Ventilated <small>(26 25 16 00-0001)</small> Note: Low impedance, copper conductors.		
26 25 16 00-0013	LF		800 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports.....	884.79	51.42
26 25 16 00-0014	LF		1,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports.....	899.15	51.42
26 25 16 00-0015	LF		1,350 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports.....	1,156.06	51.42
26 25 16 00-0016	LF		1,600 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports.....	1,370.38	51.42

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 25 16 00-0017 LF	2,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	1,655.07	51.42
26 25 16 00-0018 LF	3,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	2,542.03	87.99
26 25 16 00-0019 LF	4,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	3,188.07	87.99
26 25 16 00-0020 LF	5,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	3,772.41	163.39
26 25 16 00-0021 LF	6,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	4,651.10	163.39

26 27 Low-Voltage Distribution Equipment (26 20)

26 27 13 Electricity Metering (26 27)

26 27 13 00-0001 Revenue Metering (26 27 13)

26 27 13 00-0002 Meter Socket Base (26 27 13 00-0001)
Note: NEMA 3R.

26 27 13 00-0003 EA	100 Amperes, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass	267.75	74.27
26 27 13 00-0004 EA	100 Amperes, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass	284.29	74.27
26 27 13 00-0005 EA	200 Amperes, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass	364.73	91.41
26 27 13 00-0006 EA	200 Amperes, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass	369.43	91.41
26 27 13 00-0007 EA	200 Amperes, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release	722.12	102.84
26 27 13 00-0008 EA	320 Amperes, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release	962.72	114.27
26 27 13 00-0009 EA	400 Amperes, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release	2,395.58	125.69
26 27 13 00-0010 EA	Combination Motor And Current Transformer Cabinet, 15 To 30 Amperes, 13 Terminal, Underground, With Test Switch And Transformer, Socket Base	2,704.97	571.32

26 27 13 00-0011 Meter Device (26 27 13 00-0001)
Note: Direct read, with 15 minute demand.

26 27 13 00-0012 EA	100 To 200 Amperes, 120 Volt, Or 240 Volt, 1 Phase, KWH Meter.....	269.46	22.85
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.06	
26 27 13 00-0013 EA	200 Amperes, 120 Volt, Or 240 Volt, 3 Phase, KWH Meter.....	763.55	22.89
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.31	

26 27 13 00-0014 Current Transformer Enclosure (26 27 13 00-0001)

26 27 13 00-0015 EA	18" x 24" x 9", NEMA 3R, Screwed Cover, Current Transformer Enclosure.....	551.38	148.54
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26 27 13 00-0016 120/240 Volt Meter Center And Main Breaker, Indoor Housing (26 27 13 00-0001)

26 27 13 00-0017 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max., 2 Pole (26 27 13 00-0016)

26 27 13 00-0018 EA	3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	1,052.51	71.42
26 27 13 00-0019 EA	4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	1,386.09	85.70
26 27 13 00-0020 EA	5 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	1,717.89	99.98
26 27 13 00-0021 EA	6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	1,990.83	114.27
26 27 13 00-0022 EA	7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	2,593.75	128.55
26 27 13 00-0023 EA	8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	2,800.69	142.82
26 27 13 00-0024 EA	10 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	3,268.08	171.39

26 27 13 00-0025 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max., 2 Pole (26 27 13 00-0016)

26 27 13 00-0026 EA	3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	1,944.37	71.42
26 27 13 00-0027 EA	4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	2,561.57	85.70
26 27 13 00-0028 EA	6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	3,528.41	114.27
26 27 13 00-0029 EA	7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	3,913.69	128.55
26 27 13 00-0030 EA	8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	4,923.30	142.82

26 27 13 00-0031 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole (26 27 13 00-0016)

26 27 13 00-0032 EA	3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,612.66	99.98
26 27 13 00-0033 EA	4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,119.26	114.27
26 27 13 00-0034 EA	5 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,593.75	128.55
26 27 13 00-0035 EA	6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,050.41	142.82
26 27 13 00-0036 EA	7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,845.96	157.11
26 27 13 00-0037 EA	8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,035.07	171.39
26 27 13 00-0038 EA	10 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,001.88	199.96

26 27 13 00-0039 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole (26 27 13 00-0016)

26 27 13 00-0040 EA	3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,500.94	99.98
26 27 13 00-0041 EA	4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,278.67	114.27
26 27 13 00-0042 EA	6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,620.07	142.82
26 27 13 00-0043 EA	7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,951.86	157.11
26 27 13 00-0044 EA	8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	6,336.02	171.39

26 27 13 00-0045 120/208 Volt Meter Center And Main Breaker, Indoor Housing (26 27 13 00-0001)

26 27 13 00-0046 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max., 2 Pole (26 27 13 00-0045)

26 27 13 00-0047 EA	3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	1,145.29	85.70
26 27 13 00-0048 EA	4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	1,498.50	99.98
26 27 13 00-0049 EA	5 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	1,849.92	114.27
26 27 13 00-0050 EA	6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	2,147.82	128.55

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 27 Low-Voltage Distribution Equipment

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 27 13 00-0051	EA	7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	2,640.15	142.82
26 27 13 00-0052	EA	8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	2,847.08	157.11
26 27 13 00-0053	EA	10 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	3,510.69	185.68
26 27 13 00-0054		1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole <small>(26 27 13 00-0045)</small>		
26 27 13 00-0055	EA	3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,044.29	85.70
26 27 13 00-0056	EA	4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,697.16	99.98
26 27 13 00-0057	EA	6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,895.85	128.55
26 27 13 00-0058	EA	7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	4,281.16	142.82
26 27 13 00-0059	EA	8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	5,183.78	157.11
26 27 13 00-0060		800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole <small>(26 27 13 00-0045)</small>		
26 27 13 00-0061	EA	3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,705.46	114.27
26 27 13 00-0062	EA	4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,219.20	128.55
26 27 13 00-0063	EA	5 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,747.21	142.82
26 27 13 00-0064	EA	6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,203.87	157.11
26 27 13 00-0065	EA	7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,035.11	171.39
26 27 13 00-0066	EA	8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,224.18	185.68
26 27 13 00-0067	EA	10 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,262.38	214.24
26 27 13 00-0068		1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole <small>(26 27 13 00-0045)</small>		
26 27 13 00-0069	EA	3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,618.72	114.27
26 27 13 00-0070	EA	4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,449.96	128.55
26 27 13 00-0071	EA	6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,951.90	157.11
26 27 13 00-0072	EA	7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,176.65	171.39
26 27 13 00-0073	EA	8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	6,578.67	185.68
26 27 13 00-0074		120/240 Volt Meter Center And Main Breaker, NEMA 3R Housing <small>(26 27 13 00-0001)</small>		
26 27 13 00-0075		800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole <small>(26 27 13 00-0074)</small>		
26 27 13 00-0076	EA	3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,052.51	71.42
26 27 13 00-0077	EA	4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,386.09	85.70
26 27 13 00-0078	EA	6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,990.83	114.27
26 27 13 00-0079	EA	7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,593.75	128.55
26 27 13 00-0080	EA	8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,210.94	142.82
26 27 13 00-0081		1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole <small>(26 27 13 00-0074)</small>		
26 27 13 00-0082	EA	3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,944.36	71.42
26 27 13 00-0083	EA	4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,561.56	85.70
26 27 13 00-0084	EA	6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,706.76	114.27
26 27 13 00-0085	EA	7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	4,092.06	128.55
26 27 13 00-0086	EA	8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	4,923.30	142.82
26 27 13 00-0087		800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole <small>(26 27 13 00-0074)</small>		
26 27 13 00-0088	EA	3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,612.66	99.98
26 27 13 00-0089	EA	4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,119.26	114.27
26 27 13 00-0090	EA	6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,050.41	142.82
26 27 13 00-0091	EA	7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,845.96	157.11
26 27 13 00-0092	EA	8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,035.07	171.39
26 27 13 00-0093		1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole <small>(26 27 13 00-0074)</small>		
26 27 13 00-0094	EA	3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,500.95	99.98
26 27 13 00-0095	EA	4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,278.67	114.27
26 27 13 00-0096	EA	6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,620.07	142.82
26 27 13 00-0097	EA	7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,951.86	157.11
26 27 13 00-0098	EA	8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	6,336.06	171.39
26 27 13 00-0099		120/208 Volt Meter Center And Main Breaker, NEMA 3R Housing <small>(26 27 13 00-0001)</small>		
26 27 13 00-0100		800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole <small>(26 27 13 00-0099)</small>		
26 27 13 00-0101	EA	3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,145.29	85.70
26 27 13 00-0102	EA	4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,498.50	99.98
26 27 13 00-0103	EA	6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,147.82	128.55
26 27 13 00-0104	EA	7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,818.52	142.82
26 27 13 00-0105	EA	8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,203.83	157.11

	MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 27 13 00-0106		1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole <small>(26 27 13 00-0099)</small>		
26 27 13 00-0107	EA	3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,044.28	85.70
26 27 13 00-0108	EA	4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,697.15	99.98
26 27 13 00-0109	EA	6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,717.48	128.55
26 27 13 00-0110	EA	7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	4,102.79	142.82
26 27 13 00-0111	EA	8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	5,183.74	157.11
26 27 13 00-0112		800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole <small>(26 27 13 00-0099)</small>		
26 27 13 00-0113	EA	3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,705.44	114.27
26 27 13 00-0114	EA	4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,219.17	128.55
26 27 13 00-0115	EA	6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,203.83	157.11
26 27 13 00-0116	EA	7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,035.07	171.39
26 27 13 00-0117	EA	8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,224.18	185.68
26 27 13 00-0118		1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole <small>(26 27 13 00-0099)</small>		
26 27 13 00-0119	EA	3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,618.70	114.27
26 27 13 00-0120	EA	4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,449.93	128.55
26 27 13 00-0121	EA	6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,951.86	157.11
26 27 13 00-0122	EA	7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,176.65	171.39
26 27 13 00-0123	EA	8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	6,578.67	185.68
26 27 13 00-0124		Watt/Hour Meters <small>(26 27 13)</small>		
26 27 13 00-0125	EA	Single Phase M-90 Meter, Socket, NEMA 3R Enclosure	1,116.45	68.56
26 27 13 00-0126	EA	Three Phase M-90 Meter/Main Breaker Combination With Socket, NEMA 3R Enclosure	3,409.18	137.11
26 27 13 00-0127	EA	Three Phase M-90 Meter In Line Secondary With Socket, NEMA 3R Enclosure	1,803.91	102.84
26 27 13 00-0128	EA	Three Phase M-90 Meter, Primary Side Transformer Mount With Socket Totally Enclosed, NEMA 3R Enclosure	2,211.27	102.84
26 27 13 00-0129	EA	Three Phase M-90 Meter, Primary Side Pole Mount With Socket, NEMA 3R Enclosure	1,863.74	102.84
26 27 13 00-0130	EA	C.T. For M-90 Meter On Primary Side, NEMA 3R Enclosure	1,264.76	94.84
26 27 13 00-0131	EA	P.T. For M-90 Meter On Primary Side, NEMA 3R Enclosure	2,160.99	171.39
26 27 13 00-0132		Watt/Hour Meter Systems <small>(26 27 13)</small>		
		Note: Includes NEMA 3R enclosure with C.T. and NEMA 3R C.T. enclosure. systems with main breakers include an additional NEMA 3R enclosure.		
26 27 13 00-0133		Watt/Hour Meter System Without Main Breaker <small>(26 27 13 00-0132)</small>		
26 27 13 00-0134	EA	400 Amperes System; 200 Amperes M-90 Meter And Enclosure	5,506.58	685.70
26 27 13 00-0135	EA	600 To 800 Amperes System; 200 Amperes M-90 Meter And Enclosure	6,467.97	685.70
26 27 13 00-0136		Watt/Hour Meter System With Main Breaker <small>(26 27 13 00-0132)</small>		
26 27 13 00-0137	EA	400 Amperes System; 400 Amperes Main Breaker, 200 Amperes M-90 Meter And Enclosure	9,727.53	685.70
26 27 13 00-0138	EA	600 Amperes System; 600 Amperes Main Breaker, 200 Amperes M-90 Meter And Enclosure	11,823.87	685.70
26 27 13 00-0139	EA	800 Amperes System; 800 Amperes Main Breaker, 200 Amperes M-90 Meter And Enclosure	12,712.92	685.70
26 27 16		Electrical Cabinets and Enclosures <small>(26 27)</small>		
		Note: Can be used as enclosure or pull/junction boxes.		
26 27 16 00-0001		NEMA 1 Enclosures, Lockable <small>(26 27 16)</small>		
26 27 16 00-0002		Hinged Cover, Galvanized Steel NEMA 1 Enclosures <small>(26 27 16 00-0001)</small>		
26 27 16 00-0003		4" Depth, Hinged Cover, Galvanized Steel NEMA 1 Enclosures <small>(26 27 16 00-0002)</small>		
26 27 16 00-0004	EA	6" x 4" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	73.70	22.85
26 27 16 00-0005	EA	6" x 6" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	82.77	25.14
26 27 16 00-0006	EA	8" x 6" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	91.92	27.42
26 27 16 00-0007	EA	8" x 8" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	107.32	32.00
26 27 16 00-0008	EA	10" x 8" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	117.02	34.28
26 27 16 00-0009	EA	10" x 10" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	127.47	36.57
26 27 16 00-0010	EA	12" x 8" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	127.09	36.57
26 27 16 00-0011	EA	12" x 10" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	137.80	38.85
26 27 16 00-0012	EA	12" x 12" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	149.09	41.14
26 27 16 00-0013	EA	16" x 12" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	192.99	54.85
26 27 16 00-0014	EA	16" x 16" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	234.17	66.28
26 27 16 00-0015	EA	18" x 12" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	222.24	63.99
26 27 16 00-0016		6" Depth, Hinged Cover, Galvanized Steel NEMA 1 Enclosures <small>(26 27 16 00-0002)</small>		
26 27 16 00-0017	EA	6" x 6" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	92.66	27.42
26 27 16 00-0018	EA	8" x 8" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	112.80	32.00
26 27 16 00-0019	EA	10" x 8" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	134.50	38.85
26 27 16 00-0020	EA	10" x 10" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	145.50	41.14
26 27 16 00-0021	EA	12" x 10" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	156.73	43.42
26 27 16 00-0022	EA	12" x 12" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	168.50	45.71
26 27 16 00-0023	EA	16" x 12" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	213.65	59.42
26 27 16 00-0024	EA	16" x 16" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	258.79	73.13
26 27 16 00-0025	EA	18" x 12" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	249.49	70.85

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 27 Low-Voltage Distribution Equipment

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 27 16 00-0026	EA	18" x 18" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	325.11		91.41
26 27 16 00-0027	EA	24" x 18" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	420.03		105.13
26 27 16 00-0028	EA	24" x 24" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	481.28		114.27
26 27 16 00-0029	EA	30" x 24" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	537.16		121.12
26 27 16 00-0030	EA	36" x 24" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	587.33		125.69
26 27 16 00-0031	EA	24-1/2" x 12-1/2" x 6-1/2", Hinged Cover, Galvanized Steel NEMA 1 Enclosure (Control Products MH3803L)	396.02		91.41
26 27 16 00-0032		Screw Cover, Galvanized Steel NEMA 1 Enclosures (26 27 16 00-0001)			
26 27 16 00-0033		3" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures (26 27 16 00-0032)			
26 27 16 00-0034	EA	4" x 4" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	50.31		16.00
26 27 16 00-0035	EA	6" x 6" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	71.90		22.85
26 27 16 00-0036	EA	8" x 6" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	80.24		25.14
26 27 16 00-0037		4" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures (26 27 16 00-0032)			
26 27 16 00-0038	EA	4" x 4" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	56.21		18.28
26 27 16 00-0039	EA	6" x 4" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	69.66		22.85
26 27 16 00-0040	EA	6" x 6" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	77.86		25.14
26 27 16 00-0041	EA	8" x 6" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	86.19		27.42
26 27 16 00-0042	EA	8" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	100.57		32.00
26 27 16 00-0043	EA	10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	109.30		34.28
26 27 16 00-0044	EA	10" x 10" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	118.49		36.57
26 27 16 00-0045	EA	12" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	118.15		36.57
26 27 16 00-0046	EA	12" x 10" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	127.75		38.85
26 27 16 00-0047	EA	12" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	137.64		41.14
26 27 16 00-0048	EA	16" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	179.94		54.85
26 27 16 00-0049	EA	16" x 16" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	222.91		68.56
26 27 16 00-0050	EA	18" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	206.81		63.99
26 27 16 00-0051	EA	18" x 18" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	267.94		82.27
26 27 16 00-0052	EA	24" x 24" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	388.37		102.84
26 27 16 00-0053		6" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures (26 27 16 00-0032)			
26 27 16 00-0054	EA	6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	86.68		27.42
26 27 16 00-0055	EA	8" x 6" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	95.67		29.71
26 27 16 00-0056	EA	8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	110.27		34.28
26 27 16 00-0057	EA	10" x 8" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	125.20		38.85
26 27 16 00-0058	EA	10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	134.95		41.14
26 27 16 00-0059	EA	12" x 10" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	144.80		43.42
26 27 16 00-0060	EA	12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	155.06		45.71
26 27 16 00-0061	EA	16" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	198.44		59.42
26 27 16 00-0062	EA	16" x 16" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	243.81		73.13
26 27 16 00-0063	EA	18" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	231.59		70.85
26 27 16 00-0064	EA	18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	301.19		91.41
26 27 16 00-0065	EA	24" x 18" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	377.03		105.13
26 27 16 00-0066	EA	24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	432.70		114.27
26 27 16 00-0067	EA	30" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	467.40		121.12
26 27 16 00-0068	EA	36" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	511.90		125.69
26 27 16 00-0069		8" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures (26 27 16 00-0032)			
26 27 16 00-0070	EA	8" x 8" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	125.20		38.85
26 27 16 00-0071	EA	12" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	171.06		50.28
26 27 16 00-0072	EA	16" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	217.46		63.99
26 27 16 00-0073	EA	16" x 16" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	269.85		79.99
26 27 16 00-0074	EA	18" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	257.78		77.70
26 27 16 00-0075	EA	18" x 18" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	319.37		95.99
26 27 16 00-0076	EA	24" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	355.90		109.70
26 27 16 00-0077	EA	24" x 18" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	413.84		116.55
26 27 16 00-0078	EA	24" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	477.18		125.69
26 27 16 00-0079	EA	30" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	507.84		132.54
26 27 16 00-0080	EA	30" x 30" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	533.74		137.11
26 27 16 00-0081	EA	36" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	548.21		137.11
26 27 16 00-0082		10" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures (26 27 16 00-0032)			
26 27 16 00-0083	EA	18" x 12" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	292.69		86.84
26 27 16 00-0084	EA	18" x 18" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	385.43		111.98
26 27 16 00-0085	EA	24" x 12" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	389.61		118.84
26 27 16 00-0086	EA	24" x 18" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	507.95		127.98
26 27 16 00-0087	EA	24" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	585.12		141.68
26 27 16 00-0088	EA	30" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	650.40		146.25
26 27 16 00-0089	EA	36" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	694.10		153.11
26 27 16 00-0090		12" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures (26 27 16 00-0032)			
26 27 16 00-0091	EA	18" x 18" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	425.53		123.41
26 27 16 00-0092	EA	24" x 12" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	423.12		130.27
26 27 16 00-0093	EA	24" x 18" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	558.40		141.68
26 27 16 00-0094	EA	24" x 24" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	638.62		155.39
26 27 16 00-0095	EA	30" x 24" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	717.76		162.25
26 27 16 00-0096	EA	36" x 24" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	757.24		169.11

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 27 16 00-0097		NEMA 1 Enclosures For Up To 6 Boards, Lockable (26 27 16)		
26 27 16 00-0098		4.5" Depth, Hinged Cover, Powder Coated Steel, NEMA 1 Enclosures (26 27 16)		
26 27 16 00-0099	EA	24" High x 18" Wide x 4.5" Deep, 18 Gauge, Powder Coated Steel, NEMA 1 Enclosure (RS2 Technologies NCL-12).....	1,163.94	100.56
26 27 16 00-0100		NEMA 12 Enclosures, Lockable (26 27 16) Note: Dust-tight enclosures.		
26 27 16 00-0101		Hinged Cover, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0100)		
26 27 16 00-0102		4" Depth, Hinged Cover, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0101)		
26 27 16 00-0103	EA	4" x 4" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	108.36	18.28
26 27 16 00-0104	EA	6" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	140.78	25.14
26 27 16 00-0105	EA	8" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	173.94	32.00
26 27 16 00-0106	EA	10" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	188.40	34.28
26 27 16 00-0107	EA	12" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	211.97	36.57
26 27 16 00-0108	EA	12" x 10" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	228.48	38.85
26 27 16 00-0109		6" Depth, Hinged Cover, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0101)		
26 27 16 00-0110	EA	6" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	156.41	27.42
26 27 16 00-0111	EA	8" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	172.45	29.71
26 27 16 00-0112		Screw Cover, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0100)		
26 27 16 00-0113		4" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0112)		
26 27 16 00-0114	EA	4" x 4" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	221.51	18.28
26 27 16 00-0115	EA	6" x 6" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	264.86	25.14
26 27 16 00-0116	EA	8" x 6" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	299.78	27.42
26 27 16 00-0117	EA	8" x 8" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	342.82	32.00
26 27 16 00-0118	EA	10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	352.24	34.28
26 27 16 00-0119	EA	10" x 10" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	417.03	36.57
26 27 16 00-0120	EA	12" x 10" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	447.89	38.85
26 27 16 00-0121	EA	12" x 12" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	510.46	41.14
26 27 16 00-0122		6" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0112)		
26 27 16 00-0123	EA	6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	323.31	27.42
26 27 16 00-0124	EA	8" x 6" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	365.83	29.71
26 27 16 00-0125	EA	8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	398.27	34.28
26 27 16 00-0126	EA	10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	470.89	41.14
26 27 16 00-0127	EA	12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	511.12	45.71
26 27 16 00-0128	EA	16" x 14" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	710.83	59.42
26 27 16 00-0129	EA	18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,101.71	91.41
26 27 16 00-0130	EA	24" x 16" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,446.94	105.13
26 27 16 00-0131	EA	24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,632.48	114.27
26 27 16 00-0132		8" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0112)		
26 27 16 00-0133	EA	24" x 18" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,506.93	116.55
26 27 16 00-0134	EA	24" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,738.92	125.69
26 27 16 00-0135	EA	30" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,912.95	132.54
26 27 16 00-0136	EA	30" x 30" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	2,111.47	137.11
26 27 16 00-0137	EA	36" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	2,081.91	137.11
26 27 16 00-0138		Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0100)		
26 27 16 00-0139		8" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0138)		
26 27 16 00-0140	EA	60" x 48" x 8" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	6,729.98	185.68
26 27 16 00-0141		10" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0138)		
26 27 16 00-0142	EA	60" x 48" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	6,791.33	205.67
26 27 16 00-0143	EA	60" x 60" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	7,793.70	219.96
26 27 16 00-0144	EA	72" x 60" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	8,961.53	274.23
26 27 16 00-0145	EA	72" x 72" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	10,003.01	323.37
26 27 16 00-0146		12" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0138)		
26 27 16 00-0147	EA	60" x 48" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	7,222.10	323.37
26 27 16 00-0148	EA	60" x 60" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	8,054.63	342.79
26 27 16 00-0149	EA	72" x 60" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	9,153.50	365.65
26 27 16 00-0150	EA	72" x 72" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	10,108.92	365.65

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 27 Low-Voltage Distribution Equipment**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

 MINOR
 CSI UOM DESCRIPTION

		MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0151					NEMA 3 Enclosures, Lockable (26 27 16) Note: Can be used underground or encased in concrete.		
26 27 16 00-0152					2" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures (26 27 16 00-0151)		
26 27 16 00-0153	EA				4" x 4" x 2" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	291.04	79.99
26 27 16 00-0154					3" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures (26 27 16 00-0151)		
26 27 16 00-0155	EA				4" x 4" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	311.78	79.99
26 27 16 00-0156	EA				5" x 5" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	396.01	82.84
26 27 16 00-0157	EA				6" x 4" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	410.12	82.84
26 27 16 00-0158	EA				6" x 6" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	512.99	85.70
26 27 16 00-0159					4" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures (26 27 16 00-0151)		
26 27 16 00-0160	EA				4" x 4" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	392.20	82.84
26 27 16 00-0161	EA				5" x 5" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	429.10	82.84
26 27 16 00-0162	EA				6" x 4" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	447.22	85.70
26 27 16 00-0163	EA				6" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	560.57	85.70
26 27 16 00-0164	EA				8" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	615.89	91.41
26 27 16 00-0165	EA				8" x 8" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	662.80	97.13
26 27 16 00-0166	EA				10" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	689.77	97.13
26 27 16 00-0167	EA				10" x 8" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	818.37	99.98
26 27 16 00-0168	EA				12" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	887.14	102.84
26 27 16 00-0169	EA				12" x 12" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,211.43	114.27
26 27 16 00-0170					6" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures (26 27 16 00-0151)		
26 27 16 00-0171	EA				6" x 6" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	591.82	88.56
26 27 16 00-0172	EA				8" x 6" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	744.44	99.98
26 27 16 00-0173	EA				8" x 8" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	870.57	102.84
26 27 16 00-0174	EA				10" x 8" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,001.79	105.70
26 27 16 00-0175	EA				10" x 10" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,065.38	105.70
26 27 16 00-0176	EA				12" x 8" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,211.09	114.27
26 27 16 00-0177	EA				12" x 12" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,400.46	128.55
26 27 16 00-0178	EA				16" x 6" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,319.84	122.84
26 27 16 00-0179	EA				18" x 12" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	2,564.88	228.53
26 27 16 00-0180	EA				18" x 18" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	4,431.15	285.66
26 27 16 00-0181					8" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures (26 27 16 00-0151)		
26 27 16 00-0182	EA				8" x 8" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,075.64	108.55
26 27 16 00-0183	EA				12" x 8" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,615.25	142.82
26 27 16 00-0184	EA				12" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,641.22	142.82
26 27 16 00-0185	EA				16" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	2,225.82	214.24
26 27 16 00-0186	EA				18" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	2,925.64	228.53
26 27 16 00-0187	EA				24" x 24" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	7,404.00	399.92
26 27 16 00-0188					10" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures (26 27 16 00-0151)		
26 27 16 00-0189	EA				18" x 12" x 10" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	3,898.88	285.66
26 27 16 00-0190					12" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures (26 27 16 00-0151)		
26 27 16 00-0191	EA				18" x 18" x 12" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	5,985.68	342.79
26 27 16 00-0192	EA				24" x 12" x 12" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	4,926.19	314.23
26 27 16 00-0193					NEMA 3R Enclosures, Lockable (26 27 16) Note: Rain-tight enclosures.		
26 27 16 00-0194					Hinged Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0193)		
26 27 16 00-0195					4" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0194)		
26 27 16 00-0196	EA				6" x 4" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	101.53	22.85
26 27 16 00-0197	EA				6" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	112.14	25.14
26 27 16 00-0198	EA				8" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	169.97	27.42
26 27 16 00-0199					6" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0194)		
26 27 16 00-0200	EA				8" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	214.05	34.28
26 27 16 00-0201	EA				10" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	238.97	38.85
26 27 16 00-0202	EA				12" x 10" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	281.27	43.42
26 27 16 00-0203	EA				12" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	304.58	45.71
26 27 16 00-0204	EA				16" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	396.58	59.42
26 27 16 00-0205	EA				16" x 16" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	473.39	73.13
26 27 16 00-0206	EA				18" x 18" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	537.51	91.41
26 27 16 00-0207					8" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0194)		
26 27 16 00-0208	EA				24" x 20" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	825.45	116.55
26 27 16 00-0209	EA				24" x 24" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	916.93	125.69
26 27 16 00-0210	EA				30" x 24" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	1,035.84	132.54

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 27 16 00-0211 EA 30" x 30" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	1,090.42	137.11
26 27 16 00-0212 10" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0194)		
26 27 16 00-0213 EA 12" x 48" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	1,024.69	141.68
26 27 16 00-0214 EA 12" x 54" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	1,157.55	159.97
26 27 16 00-0215 EA 12" x 60" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	1,281.43	177.11
26 27 16 00-0216 EA 12" x 66" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	1,412.01	195.39
26 27 16 00-0217 EA 12" x 72" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	1,537.04	212.53
26 27 16 00-0218 EA 18" x 18" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	659.03	111.98
26 27 16 00-0219 EA 24" x 24" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	1,024.69	141.68
26 27 16 00-0220 EA 30" x 24" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	1,222.07	146.25
26 27 16 00-0221 EA 36" x 36" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	1,557.28	159.97
26 27 16 00-0222 12" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0194)		
26 27 16 00-0223 EA 12" x 48" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	1,003.94	113.13
26 27 16 00-0224 EA 12" x 54" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	1,125.54	126.84
26 27 16 00-0225 EA 12" x 60" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	1,246.00	140.54
26 27 16 00-0226 EA 12" x 66" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	1,378.37	155.39
26 27 16 00-0227 EA 12" x 72" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	1,499.96	169.11
26 27 16 00-0228 EA 18" x 24" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	749.98	84.56
26 27 16 00-0229 EA 18" x 32" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	1,003.94	113.13
26 27 16 00-0230 EA 18" x 36" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	1,125.54	126.84
26 27 16 00-0231 EA 18" x 42" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	1,325.60	148.54
26 27 16 00-0232 EA 18" x 48" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	1,499.96	169.11
26 27 16 00-0233 EA 30" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	1,423.13	166.82
26 27 16 00-0234 EA 36" x 24" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	1,499.96	169.11
26 27 16 00-0235 EA 36" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	1,581.85	173.68
26 27 16 00-0236 EA 36" x 36" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	1,766.39	182.82
26 27 16 00-0237 EA 42" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	1,918.39	191.96
26 27 16 00-0238 Screw Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0193)		
26 27 16 00-0239 4" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0238)		
26 27 16 00-0240 EA 4" x 4" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	70.89	18.28
26 27 16 00-0241 EA 6" x 4" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	85.48	22.85
26 27 16 00-0242 EA 6" x 6" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	94.41	25.14
26 27 16 00-0243 EA 8" x 6" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	104.81	27.42
26 27 16 00-0244 EA 8" x 8" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	121.66	32.00
26 27 16 00-0245 EA 10" x 8" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	132.78	34.28
26 27 16 00-0246 EA 10" x 10" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	144.91	36.57
26 27 16 00-0247 EA 12" x 8" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	144.22	36.57
26 27 16 00-0248 EA 12" x 10" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	157.96	38.85
26 27 16 00-0249 EA 12" x 12" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	170.10	41.14
26 27 16 00-0250 EA 18" x 12" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	256.46	63.99
26 27 16 00-0251 EA 18" x 18" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	342.97	82.27
26 27 16 00-0252 6" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0238)		
26 27 16 00-0253 EA 6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	97.93	27.42
26 27 16 00-0254 EA 8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	134.63	34.28
26 27 16 00-0255 EA 10" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	152.51	38.85
26 27 16 00-0256 EA 10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	165.60	41.14
26 27 16 00-0257 EA 12" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	164.58	41.14
26 27 16 00-0258 EA 12" x 10" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	178.50	43.42
26 27 16 00-0259 EA 12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	192.55	45.71
26 27 16 00-0260 EA 16" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	251.36	59.42
26 27 16 00-0261 EA 18" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	288.61	70.85
26 27 16 00-0262 EA 18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	386.09	91.41
26 27 16 00-0263 EA 24" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	402.15	98.27
26 27 16 00-0264 EA 24" x 18" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	461.92	105.13
26 27 16 00-0265 EA 24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	521.61	114.27
26 27 16 00-0266 8" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0238)		
26 27 16 00-0267 EA 12" x 12" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	215.80	50.28
26 27 16 00-0268 EA 18" x 12" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	310.99	77.70
26 27 16 00-0269 EA 18" x 18" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	427.36	100.56
26 27 16 00-0270 EA 24" x 18" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	511.04	116.55
26 27 16 00-0271 EA 24" x 24" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	580.17	125.69
26 27 16 00-0272 EA 30" x 24" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	646.79	132.54
26 27 16 00-0273 10" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0238)		
26 27 16 00-0274 EA 18" x 18" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	471.14	111.98
26 27 16 00-0275 EA 24" x 24" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	636.87	141.68
26 27 16 00-0276 EA 30" x 24" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	701.63	146.25
26 27 16 00-0277 12" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0238)		
26 27 16 00-0278 EA 24" x 24" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	703.92	155.39
26 27 16 00-0279 EA 30" x 30" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	995.45	169.11

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 27 Low-Voltage Distribution Equipment

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 27 16 00-0280	EA	36" x 30" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	1,029.15		173.68
26 27 16 00-0281	EA	36" x 36" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	1,210.08		182.82
26 27 16 00-0282		NEMA 4 Enclosures, Lockable <small>(26 27 16)</small>			
		Note: Water-tight enclosures.			
26 27 16 00-0283		Hinge Cover, Painted Steel NEMA 4 Enclosures <small>(26 27 16 00-0282)</small>			
26 27 16 00-0284	EA	4" x 4" x 3" Hinge Cover, Painted Steel NEMA 4 Enclosure	115.33		16.00
26 27 16 00-0285	EA	6" x 4" x 3" Hinge Cover, Painted Steel NEMA 4 Enclosure	134.34		19.43
26 27 16 00-0286	EA	8" x 6" x 3.5" Hinge Cover, Painted Steel NEMA 4 Enclosure	167.81		25.14
26 27 16 00-0287	EA	6" x 6" x 4" Hinge Cover, Painted Steel NEMA 4 Enclosure	159.25		25.14
26 27 16 00-0288	EA	10" x 8" x 4" Hinge Cover, Painted Steel NEMA 4 Enclosure	212.60		34.28
26 27 16 00-0289	EA	12" x 10" x 5" Hinge Cover, Painted Steel NEMA 4 Enclosure	265.41		41.14
26 27 16 00-0290	EA	10" x 8" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	244.89		38.85
26 27 16 00-0291	EA	12" x 12" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	285.35		45.71
26 27 16 00-0292	EA	14" x 12" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	336.18		52.56
26 27 16 00-0293	EA	16" x 14" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	406.62		66.28
26 27 16 00-0294		Clamp Cover, Painted Steel NEMA 4 Enclosures <small>(26 27 16 00-0282)</small>			
26 27 16 00-0295	EA	4" x 4" x 3" Clamp Cover, Painted Steel NEMA 4 Enclosure	105.38		16.00
26 27 16 00-0296	EA	6" x 6" x 4" Clamp Cover, Painted Steel NEMA 4 Enclosure	149.33		25.14
26 27 16 00-0297		Screw Cover, Fiberglass NEMA 4 Or 4x Enclosures <small>(26 27 16 00-0282)</small>			
26 27 16 00-0298	EA	6" x 6" x 4", Screw Cover, Fiberglass NEMA 4 Or 4X Enclosure	131.70		21.94
26 27 16 00-0299	EA	8" x 6" x 4", Screw Cover, Fiberglass NEMA 4 Or 4X Enclosure	139.75		23.77
26 27 16 00-0300	EA	10" x 8" x 6", Screw Cover, Fiberglass NEMA 4 Or 4X Enclosure	170.89		31.08
26 27 16 00-0301	EA	12" x 10" x 6", Screw Cover, Fiberglass NEMA 4 Or 4X Enclosure	200.36		34.28
26 27 16 00-0302	EA	14" x 12" x 8", Screw Cover, Fiberglass NEMA 4 Enclosure	259.62		43.42
26 27 16 00-0303	EA	16" x 14" x 8", Screw Cover, Fiberglass NEMA 4 Enclosure	303.34		51.42
26 27 16 00-0304	EA	18" x 16" x 10", Screw Cover, Fiberglass NEMA 4 Enclosure	423.62		82.27
26 27 16 00-0305		NEMA 4X Enclosures, Lockable <small>(26 27 16)</small>			
		Note: Water-tight enclosures.			
26 27 16 00-0306		Clamp Cover, Aluminum NEMA 4X Enclosures <small>(26 27 16 00-0305)</small>			
26 27 16 00-0307	EA	6" x 4" x 3" Clamp Cover, Aluminum NEMA 4X Enclosure	234.34		18.28
26 27 16 00-0308	EA	6" x 6" x 4" Clamp Cover, Aluminum NEMA 4X Enclosure	275.01		25.14
26 27 16 00-0309	EA	10" x 8" x 4" Clamp Cover, Aluminum NEMA 4X Enclosure	347.73		34.28
26 27 16 00-0310	EA	12" x 10" x 5" Clamp Cover, Aluminum NEMA 4X Enclosure	422.31		41.14
26 27 16 00-0311	EA	14" x 12" x 6" Clamp Cover, Aluminum NEMA 4X Enclosure	519.99		52.56
26 27 16 00-0312	EA	16" x 14" x 6" Clamp Cover, Aluminum NEMA 4X Enclosure	612.57		66.28
26 27 16 00-0313		Clamp Cover, 304 Stainless Steel NEMA 4X Enclosures <small>(26 27 16 00-0305)</small>			
26 27 16 00-0314	EA	4" x 4" x 3", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	330.75		16.00
		<i>For 316 Stainless Steel, Add</i>	46.52		
26 27 16 00-0315	EA	6" x 4" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	429.18		22.85
		<i>For 316 Stainless Steel, Add</i>	59.53		
26 27 16 00-0316	EA	6" x 6" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	486.70		25.14
		<i>For 316 Stainless Steel, Add</i>	67.82		
26 27 16 00-0317	EA	8" x 6" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	557.70		27.42
		<i>For 316 Stainless Steel, Add</i>	78.26		
26 27 16 00-0318	EA	10" x 8" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	684.65		34.28
		<i>For 316 Stainless Steel, Add</i>	95.83		
26 27 16 00-0319	EA	12" x 10" x 6", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	965.35		43.42
		<i>For 316 Stainless Steel, Add</i>	137.09		
26 27 16 00-0320	EA	14" x 12" x 6", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	1,204.23		52.56
		<i>For 316 Stainless Steel, Add</i>	171.65		
26 27 16 00-0321	EA	16" x 14" x 6", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	1,450.33		66.28
		<i>For 316 Stainless Steel, Add</i>	205.54		
26 27 16 00-0322		Screw Cover, Polycarbonate NEMA 4X Enclosures <small>(26 27 16 00-0305)</small>			
		Note: NEMA 3R, 4, 4X and 12 rated.			
26 27 16 00-0323	EA	6" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	142.39		25.14
26 27 16 00-0324	EA	8" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	160.66		27.42
26 27 16 00-0325	EA	8" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	183.61		32.00
26 27 16 00-0326	EA	10" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	199.78		34.28
26 27 16 00-0327	EA	12" x 10" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	231.09		38.85
26 27 16 00-0328	EA	10" x 8" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	216.43		38.85
26 27 16 00-0329	EA	12" x 10" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	252.91		43.42
26 27 16 00-0330	EA	14" x 12" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	317.68		52.56
26 27 16 00-0331	EA	16" x 14" x 8" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	403.92		71.99
26 27 16 00-0332	EA	18" x 16" x 10" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	515.79		103.63
26 27 16 00-0333	EA	6" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	153.91		25.14
26 27 16 00-0334	EA	8" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	174.27		27.42
26 27 16 00-0335	EA	8" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	198.26		32.00
26 27 16 00-0336	EA	10" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	217.56		34.28
26 27 16 00-0337	EA	12" x 10" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	249.92		38.85
26 27 16 00-0338	EA	10" x 8" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	234.24		38.85
26 27 16 00-0339	EA	12" x 10" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	277.05		43.42
26 27 16 00-0340	EA	14" x 12" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	330.24		52.56

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 27 16 00-0341	EA 16" x 14" x 8" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	430.09	71.99
26 27 16 00-0342	EA 18" x 16" x 10" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	544.04	103.63
26 27 16 00-0343 Hinged Cover, Polycarbonate NEMA 4X Enclosures <small>(26 27 16 00-0305)</small>			
Note: NEMA 3R, 4, 4X and 12 rated.			
26 27 16 00-0344	EA 6" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	174.84	25.14
26 27 16 00-0345	EA 8" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	186.83	27.42
26 27 16 00-0346	EA 8" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	211.85	32.00
26 27 16 00-0347	EA 10" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	229.09	34.28
26 27 16 00-0348	EA 12" x 10" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	271.91	38.85
26 27 16 00-0349	EA 10" x 8" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	248.89	38.85
26 27 16 00-0350	EA 12" x 10" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	307.39	43.42
26 27 16 00-0351	EA 14" x 12" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	364.79	52.56
26 27 16 00-0352	EA 16" x 14" x 8" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	444.74	71.99
26 27 16 00-0353	EA 18" x 16" x 10" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	569.15	103.63
26 27 16 00-0354	EA 6" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	183.21	25.14
26 27 16 00-0355	EA 8" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	202.52	27.42
26 27 16 00-0356	EA 8" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	226.50	32.00
26 27 16 00-0357	EA 10" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	244.77	34.28
26 27 16 00-0358	EA 12" x 10" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	292.84	38.85
26 27 16 00-0359	EA 10" x 8" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	266.67	38.85
26 27 16 00-0360	EA 12" x 10" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	329.38	43.42
26 27 16 00-0361	EA 14" x 12" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	375.25	52.56
26 27 16 00-0362	EA 16" x 14" x 8" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	479.27	71.99
26 27 16 00-0363	EA 18" x 16" x 10" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	605.79	103.63
26 27 16 00-0364 NEMA 7/9 Enclosures, Lockable <small>(26 27 16)</small>			
Note: Nominal inside dimensions.			
26 27 16 00-0365 4" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures <small>(26 27 16 00-0364)</small>			
26 27 16 00-0366	EA 6" x 6" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,268.22	128.55
	For Mounting Pan, Add	53.52	
26 27 16 00-0367	EA 6" x 8" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,013.98	137.11
	For Mounting Pan, Add	99.73	
26 27 16 00-0368	EA 8" x 10" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,973.10	154.25
	For Mounting Pan, Add	137.53	
26 27 16 00-0369 6" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures <small>(26 27 16 00-0364)</small>			
26 27 16 00-0370	EA 8" x 8" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,755.89	154.25
	For Mounting Pan, Add	69.93	
26 27 16 00-0371	EA 8" x 10" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,284.55	158.54
	For Mounting Pan, Add	137.53	
26 27 16 00-0372	EA 8" x 12" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,338.38	171.39
	For Mounting Pan, Add	105.20	
26 27 16 00-0373	EA 10" x 10" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,399.43	171.39
	For Mounting Pan, Add	123.08	
26 27 16 00-0374	EA 10" x 14" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,390.25	214.24
	For Mounting Pan, Add	161.48	
26 27 16 00-0375	EA 12" x 12" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,195.27	192.82
	For Mounting Pan, Add	100.82	
26 27 16 00-0376	EA 12" x 18" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,306.66	214.24
	For Mounting Pan, Add	150.86	
26 27 16 00-0377	EA 12" x 24" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	5,112.17	385.64
	For Mounting Pan, Add	202.97	
26 27 16 00-0378	EA 14" x 14" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	4,055.17	257.09
	For Mounting Pan, Add	197.62	
26 27 16 00-0379	EA 16" x 16" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	5,329.09	428.48
	For Mounting Pan, Add	181.43	
26 27 16 00-0380	EA 18" x 18" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	6,380.30	428.48
	For Mounting Pan, Add	294.94	
26 27 16 00-0381 8" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures <small>(26 27 16 00-0364)</small>			
26 27 16 00-0382	EA 8" x 12" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,728.63	192.82
	For Mounting Pan, Add	105.20	
26 27 16 00-0383	EA 10" x 10" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,747.60	192.82
	For Mounting Pan, Add	123.08	
26 27 16 00-0384	EA 10" x 14" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,108.96	192.82
	For Mounting Pan, Add	161.48	
26 27 16 00-0385	EA 12" x 12" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,445.13	214.24
	For Mounting Pan, Add	100.82	
26 27 16 00-0386	EA 12" x 18" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	5,014.29	385.64
	For Mounting Pan, Add	150.86	
26 27 16 00-0387	EA 12" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	6,101.90	471.34
	For Mounting Pan, Add	202.97	
26 27 16 00-0388	EA 12" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	9,568.19	557.04
	For Mounting Pan, Add	305.24	
26 27 16 00-0389	EA 14" x 14" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	5,498.38	471.34
	For Mounting Pan, Add	197.62	

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 27 Low-Voltage Distribution Equipment

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0390	EA		16" x 16" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	5,647.09	471.34
			<i>For Mounting Pan, Add</i>	181.43	
26 27 16 00-0391	EA		16" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	8,398.08	514.19
			<i>For Mounting Pan, Add</i>	271.95	
26 27 16 00-0392	EA		18" x 18" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	6,940.25	471.34
			<i>For Mounting Pan, Add</i>	294.94	
26 27 16 00-0393	EA		18" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	9,261.18	514.19
			<i>For Mounting Pan, Add</i>	431.29	
26 27 16 00-0394	EA		18" x 30" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	9,198.05	514.19
			<i>For Mounting Pan, Add</i>	574.97	
26 27 16 00-0395	EA		18" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	14,271.12	685.58
			<i>For Mounting Pan, Add</i>	718.61	
26 27 16 00-0396	EA		24" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	10,864.44	557.04
			<i>For Mounting Pan, Add</i>	668.18	
26 27 16 00-0397	EA		24" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	19,671.37	856.98
			<i>For Mounting Pan, Add</i>	914.73	
26 27 16 00-0398			10" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures <small>(26 27 16 00-0364)</small>		
26 27 16 00-0399	EA		12" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	9,950.74	557.04
			<i>For Mounting Pan, Add</i>	305.24	
26 27 16 00-0400	EA		16" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	9,160.03	514.19
			<i>For Mounting Pan, Add</i>	271.95	
26 27 16 00-0401	EA		18" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	9,979.20	557.04
			<i>For Mounting Pan, Add</i>	431.29	
26 27 16 00-0402	EA		18" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	12,597.35	599.89
			<i>For Mounting Pan, Add</i>	718.61	
26 27 16 00-0403	EA		24" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	11,152.48	599.89
			<i>For Mounting Pan, Add</i>	668.18	
26 27 16 00-0404	EA		24" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	21,423.86	856.98
			<i>For Mounting Pan, Add</i>	914.73	
26 27 16 00-0405			12" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures <small>(26 27 16 00-0364)</small>		
26 27 16 00-0406	EA		12" x 24" x 12" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	6,238.34	471.34
			<i>For Mounting Pan, Add</i>	202.97	
26 27 16 00-0407			Breaker Enclosures <small>(26 27 16)</small>		
			See CSI section 26 24 16 00-0001 for lighting and power panel boards.		
26 27 16 00-0408			15 To 100 Amperes, F-Frame Breaker Enclosures <small>(26 27 16 00-0407)</small>		
26 27 16 00-0409	EA		NEMA 1, Painted Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure.....	389.06	91.41
26 27 16 00-0410	EA		NEMA 3R, Painted Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure.....	728.42	91.41
26 27 16 00-0411	EA		NEMA 3/3R/4/4X/5/12, Stainless Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure.....	1,812.88	125.69
26 27 16 00-0412	EA		NEMA 7, Cast Aluminum, 15 To 100 Amperes, F-Frame Breaker Enclosure.....	2,463.17	137.11
26 27 16 00-0413	EA		NEMA 9, Cast Aluminum, 15 To 100 Amperes, F-Frame Breaker Enclosure.....	1,789.90	137.11
26 27 16 00-0414	EA		NEMA 12, Painted Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure.....	616.94	125.69
26 27 16 00-0415			15 To 250 Amperes, H Or J-Frame Breaker Enclosures <small>(26 27 16 00-0407)</small>		
26 27 16 00-0416	EA		NEMA 1, Painted Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure.....	624.56	125.69
26 27 16 00-0417	EA		NEMA 3R, Painted Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure.....	1,168.00	125.69
26 27 16 00-0418	EA		NEMA 3/3R/4/4X/5/12, Stainless Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure.....	4,035.46	159.97
26 27 16 00-0419	EA		NEMA 12, Painted Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure.....	955.00	159.97
26 27 16 00-0420			125 To 400 Amperes, L-Frame Breaker Enclosures <small>(26 27 16 00-0407)</small>		
26 27 16 00-0421	EA		NEMA 1, Painted Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure.....	968.68	251.38
26 27 16 00-0422	EA		NEMA 3R, Painted Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure.....	2,308.77	251.38
26 27 16 00-0423	EA		NEMA 3/3R/4/4X/5/12, Stainless Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure.....	6,830.30	319.94
26 27 16 00-0424	EA		NEMA 12, Painted Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure.....	1,625.12	319.94
26 27 16 00-0425			300 To 800 Amperes, M-Frame Breaker Enclosures <small>(26 27 16 00-0407)</small>		
26 27 16 00-0426	EA		NEMA 1, Painted Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure.....	1,899.39	479.91
26 27 16 00-0427	EA		NEMA 3R, Painted Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure.....	3,315.77	479.91
26 27 16 00-0428	EA		NEMA 3/3R/4/4X/5/12, Stainless Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure.....	12,282.34	617.03
26 27 16 00-0429	EA		NEMA 12, Painted Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure.....	6,600.46	617.03
26 27 16 00-0430			250 To 1,200 Amperes, P-Frame Breaker Enclosures <small>(26 27 16 00-0407)</small>		
26 27 16 00-0431	EA		NEMA 1, Painted Steel, 250 To 1,200 Amperes, P-Frame Breaker Enclosure.....	2,334.78	479.91
26 27 16 00-0432	EA		NEMA 3R, Painted Steel, 250 To 1,200 Amperes, P-Frame Breaker Enclosure.....	4,004.32	479.91
26 27 16 00-0433	EA		NEMA 3R/5/12, Painted Steel, 250 To 1,200 Amperes, P-Frame Breaker Enclosure.....	8,324.56	617.03
26 27 16 00-0434			Legend Plates <small>(26 27 16)</small>		
26 27 16 00-0435	EA		3" Phenolic Plastic Cabinet Legend Plate Engraved With 1/2" Letters.....	20.19	5.71
26 27 16 00-0436	EA		3" Engraved Aluminum Cabinet Legend Plate Engraved With 1/2" Letters.....	27.75	5.71

26 27 19 Multi-Outlet Assemblies (26 27)

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 27 19 00-0001	Surface Metal Raceway, Preassembled With Outlets <small>(26 27 19)</small> Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal).		
26 27 19 00-0002	LF Single Circuit, Plugmold #2000, 3' With Outlets 6" On Center <i>For Concrete Or Masonry Surface, Add</i>	28.91	8.34
26 27 19 00-0003	LF Single Circuit, Plugmold #2000, 6' With Outlets 6" On Center <i>For Concrete Or Masonry Surface, Add</i>	22.52	5.94
26 27 19 00-0004	LF Single Circuit, Plugmold #2000, 6' With Outlets 9" On Center <i>For Concrete Or Masonry Surface, Add</i>	21.06	6.28
26 27 19 00-0005	LF Single Circuit, Plugmold #2000, 6' With Outlets 12" On Center <i>For Concrete Or Masonry Surface, Add</i>	23.43	5.94
26 27 19 00-0006	LF Single Circuit, Plugmold #2000, 6' With Outlets 18" On Center <i>For Concrete Or Masonry Surface, Add</i>	18.73	6.05
26 27 19 00-0007	LF Two Circuits, Plugmold #2000, 6' With Outlets 9" On Center <i>For Concrete Or Masonry Surface, Add</i>	26.42	5.94
26 27 19 00-0008	LF Two Circuits, Plugmold #2000, 6' With Outlets 12" On Center <i>For Concrete Or Masonry Surface, Add</i>	23.16	5.94
26 27 19 00-0009	LF Two Circuits, Plugmold #2000, 6' With Outlets 18" On Center <i>For Concrete Or Masonry Surface, Add</i>	25.12	5.94
26 27 23 Indoor Service Poles <small>(26 27)</small>			
26 27 23 00-0001	Communication And Power Poles <small>(26 27 23)</small> Note: Includes separate compartments for power and communication cable. Includes removable cover plates with knock-outs for modular jacks and openings to accept modular furniture adapters for communication devices. Includes all necessary mounting plates and assemblies. Excludes electrical and communications wire, power outlets and communication devices. Wiremold Tele-Power Pole series.		
26 27 23 00-0002	Steel Communication And Power Poles <small>(26 27 23 00-0001)</small>		
26 27 23 00-0003	2-1/4" Width, Steel Communication And Power Poles <small>(26 27 23 00-0002)</small>		
26 27 23 00-0004	2-1/4" Width, Steel Communication And Power Poles <small>(26 27 23 00-0003)</small>		
26 27 23 00-0005	EA 2-1/4" x 2-5/16", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole	321.74	50.63
26 27 23 00-0006	EA 2-1/4" x 2-5/16", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole	350.38	50.63
26 27 23 00-0007	EA 2-1/4" x 2-5/16", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole	383.51	50.63
26 27 23 00-0008	Additional Cover Plates For 2-1/4" Width, Steel Communication And Power Poles <small>(26 27 23 00-0003)</small> Note: Excludes receptacles, communication jacks and wiring.		
26 27 23 00-0009	EA Add-On 2-1/4" Width Steel Cover Plate For Two Duplex Receptacles And One Single Receptacle	65.86	10.44
26 27 23 00-0010	EA Add-On 2-1/4" Width Steel Cover Plate For Three Duplex Receptacles	56.82	10.44
26 27 23 00-0011	EA Add-On 2-1/4" Width Steel Cover Plate For Two Duplex Receptacles And One GFCI Receptacle	64.61	10.44
26 27 23 00-0012	EA Add-On 2-1/4" Width Steel Cover Plate For Data And A/V Modular Devices	47.33	10.44
26 27 23 00-0013	EA Add-On 2-1/4" Width Steel Cover Plate Radius Control Entrance End Fitting	38.62	10.44
26 27 23 00-0014	2-3/4" Width, Steel Communication And Power Poles <small>(26 27 23 00-0002)</small>		
26 27 23 00-0015	2-3/4" Width, Steel Communication And Power Poles <small>(26 27 23 00-0014)</small>		
26 27 23 00-0016	EA 2-3/4" x 1-17/32", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole	419.96	50.63
26 27 23 00-0017	EA 2-3/4" x 1-17/32", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole	481.53	50.63
26 27 23 00-0018	EA 2-3/4" x 1-17/32", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole	514.75	50.63
26 27 23 00-0019	Additional Cover Plates For 2-3/4" Width, Steel Communication And Power Poles <small>(26 27 23 00-0014)</small> Note: Excludes receptacles and communication jacks.		
26 27 23 00-0020	EA Add-On 2-3/4" Width Steel Cover Plate For One Single Receptacle	43.48	10.44
26 27 23 00-0021	EA Add-On 2-3/4" Width Steel Cover Plate For One Duplex Receptacle	38.89	10.44
26 27 23 00-0022	EA Add-On 2-3/4" Width Steel Cover Plate For Data And A/V Modular Devices	42.18	10.44
26 27 23 00-0023	3" Width, Steel Communication And Power Poles <small>(26 27 23 00-0002)</small>		
26 27 23 00-0024	3" Width, Steel Communication And Power Poles <small>(26 27 23 00-0023)</small>		
26 27 23 00-0025	EA 3" x 2-3/4", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole	550.42	50.63
26 27 23 00-0026	EA 3" x 2-3/4", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole	624.52	50.63
26 27 23 00-0027	EA 3" x 2-3/4", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole	673.37	50.63
26 27 23 00-0028	Additional Cover Plates For 3" Width, Steel Communication And Power Poles <small>(26 27 23 00-0023)</small> Note: Excludes receptacles and communication jacks.		
26 27 23 00-0029	EA Add-On 3" Width Steel Steel Cover Plate For One Single Receptacle	43.48	10.44
26 27 23 00-0030	EA Add-On 3" Width Steel Cover Plate For One Duplex Receptacle	38.89	10.44
26 27 23 00-0031	EA Add-On 3" Width Steel Cover Plate For Data And A/V Modular Devices	42.18	10.44
26 27 23 00-0032	Aluminum Communication And Power Poles <small>(26 27 23 00-0001)</small>		
26 27 23 00-0033	2-1/8" Width, Aluminum Communication And Power Poles <small>(26 27 23 00-0032)</small>		
26 27 23 00-0034	2-1/8" Width, Aluminum Communication And Power Poles <small>(26 27 23 00-0033)</small>		
26 27 23 00-0035	EA 2-1/8" x 2-3/8", 10'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	439.24	50.63

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 27 Low-Voltage Distribution Equipment

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 23 00-0036	EA		2-1/8" x 2-3/8", 12'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	491.05	50.63
26 27 23 00-0037	EA		2-1/8" x 2-3/8", 15'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	549.13	50.63
26 27 23 00-0038			Additional Cover Plates For 2-1/8" Width, Aluminum Communication And Power Poles <small>(26 27 23 00-0033)</small>		
26 27 23 00-0039	EA		Add-On 2-1/8" Width Aluminum Cover Plate For Two Duplex Receptacles And One Single Receptacle.....	67.63	10.44
26 27 23 00-0040	EA		Add-On 2-1/8" Width Aluminum Cover Plate For Three Duplex Receptacles.....	69.09	10.44
26 27 23 00-0041	EA		Add-On 2-1/8" Width Aluminum Cover Plate For Two Duplex Receptacles And One GFCI Receptacle.....	73.96	10.44
26 27 23 00-0042	EA		Add-On 2-1/8" Width Aluminum Cover Plate For Data And A/V Modular Devices.....	50.06	10.44
26 27 23 00-0043	EA		Add-On 2-1/8" Width Aluminum Radius Control Entrance End Fitting.....	38.62	10.44
26 27 23 00-0044			2-1/4" Width, Aluminum Communication And Power Poles <small>(26 27 23 00-0032)</small>		
26 27 23 00-0045	EA		2-1/4" x 2-5/16", 10'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	423.06	50.63
26 27 23 00-0046	EA		2-1/4" x 2-5/16", 12'-8" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	476.20	50.63
26 27 23 00-0047	EA		2-1/4" x 2-5/16", 15'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	538.80	50.63
26 27 23 00-0048			5" Width, Aluminum Communication And Power Poles <small>(26 27 23 00-0032)</small>		
26 27 23 00-0049	EA		5" x 4-3/4", 10'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	896.35	50.63
26 27 23 00-0050	EA		5" x 4-3/4", 12'-8" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	1,026.67	50.63
26 27 23 00-0051	EA		5" x 4-3/4", 15'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	1,172.63	50.63
26 27 23 00-0052			2" Diameter, Round Aluminum Communication And Power Pole <small>(26 27 23 00-0032)</small>		
26 27 23 00-0053	EA		2" Diameter, 10'-4" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	482.45	50.63
26 27 23 00-0054	EA		2" Diameter, 10'-4" Height, Painted White Finish, Aluminum Communication And Power Pole.....	456.19	50.63
26 27 23 00-0055	EA		2" Diameter, 10'-4" Height, Polished Anodized Finish, Aluminum Communication And Power Pole.....	587.26	50.63
26 27 26			Wiring Devices <small>(26 27)</small>		
			Note: Includes device, installation, wire connections, support clips (where necessary) and testing. Assemblies include outlet device, cover plate, mounting and appropriate box.		
26 27 26 00-0001			Receptacles <small>(26 27 26)</small>		
26 27 26 00-0002			Television Receptacle <small>(26 27 26 00-0001)</small>		
26 27 26 00-0003	EA		TV Receptacle With Cover (Type F), Complete.....	73.22	26.51
26 27 26 00-0004			General Use Receptacles <small>(26 27 26 00-0001)</small>		
26 27 26 00-0005			Receptacle Assemblies <small>(26 27 26 00-0004)</small>		
			Note: Includes 4" square steel box, bracket, mud ring, receptacle and cover plate.		
26 27 26 00-0006	EA		15 Amperes, 1 Gang, NEMA 5-15, Duplex Receptacle Assembly.....	98.30	40.57
26 27 26 00-0007	EA		20 Amperes, 1 Gang, NEMA 5-20, Duplex Receptacle Assembly.....	105.03	43.42
26 27 26 00-0008	EA		15 Amperes, 2 Gang, NEMA 5-15, Duplex Receptacle Assembly.....	125.67	51.99
26 27 26 00-0009	EA		20 Amperes, 2 Gang, NEMA 5-20, Duplex Receptacle Assembly.....	139.13	57.71
26 27 26 00-0010	EA		15 Amperes, 1 Gang, GFI, Duplex Receptacle Assembly.....	112.08	40.57
26 27 26 00-0011	EA		20 Amperes, 1 Gang, GFI, Duplex Receptacle Assembly.....	119.53	43.42
26 27 26 00-0012			Receptacle Components <small>(26 27 26 00-0004)</small>		
26 27 26 00-0013	EA		15 Amperes, 125 Volt, 1 Phase, NEMA 5-15, Single Receptacle.....	26.61	11.43
26 27 26 00-0014	EA		15 Amperes, 125 Volt, 1 Phase, NEMA 5-15, Duplex Receptacle.....	25.80	11.43
26 27 26 00-0015	EA		15 Amperes, 120/277 Volt, 3 Wire, Single Receptacle.....	30.54	11.43
26 27 26 00-0016	EA		15 Amperes, 120/277 Volt, 3 Wire, Duplex Receptacle.....	33.28	11.43
26 27 26 00-0017	EA		15 Amperes, 250 Volt, 1 Phase, NEMA 6-15, Single Receptacle.....	42.49	14.28
26 27 26 00-0018	EA		15 Amperes, 250 Volt, 1 Phase, NEMA 6-15, Duplex Receptacle.....	51.49	14.28
26 27 26 00-0019	EA		20 Amperes, 125 Volt, 1 Phase, NEMA 5-20, Single Receptacle.....	27.66	11.43
26 27 26 00-0020	EA		20 Amperes, 125 Volt, 1 Phase, NEMA 5-20, Duplex Receptacle.....	26.82	11.43
26 27 26 00-0021	EA		20 Amperes, 120/277 Volt, Single Receptacle.....	39.17	11.43
26 27 26 00-0022	EA		20 Amperes, 120/277 Volt, Duplex Receptacle.....	32.42	11.43
26 27 26 00-0023	EA		20 Amperes, 250 Volt, 1 Phase, NEMA 6-20, Single Receptacle.....	42.49	14.28
26 27 26 00-0024	EA		20 Amperes, 250 Volt, 1 Phase, NEMA 6-20, Duplex Receptacle.....	51.49	14.28
26 27 26 00-0025	EA		20 Amperes, 125/250 Volt, 1 Phase, NEMA 14-20, Single Receptacle.....	80.35	14.28
26 27 26 00-0026	EA		20 Amperes, 250 Volt, 3 Phase, NEMA 15-20, Single Receptacle.....	80.35	14.28
26 27 26 00-0027	EA		25 Amperes, 120/277 Volt, Duplex Receptacle.....	67.54	17.14
26 27 26 00-0028			Specialty Receptacles <small>(26 27 26 00-0001)</small>		
26 27 26 00-0029			Specialty Receptacles <small>(26 27 26 00-0028)</small>		
26 27 26 00-0030	EA		30 Amperes, 125 Volt, 1 Phase, NEMA 5-30, Single Receptacle.....	60.41	20.00
26 27 26 00-0031	EA		30 Amperes, 250 Volt, 1 Phase, NEMA 6-30, Single Receptacle.....	60.41	20.00
26 27 26 00-0032	EA		30 Amperes, 125/250 Volt, NEMA 10-30, Single Receptacles.....	80.24	20.00
26 27 26 00-0033	EA		30 Amperes, 125/250 Volt, 1 Phase, NEMA 14-30, Single Receptacle.....	91.77	20.00
26 27 26 00-0034	EA		30 Amperes, 250 Volt, 3 Phase, NEMA 15-30, Single Receptacle.....	97.49	22.85
26 27 26 00-0035	EA		50 Amperes, 125 Volt, 1 Phase, NEMA 5-50, Single Receptacle.....	90.01	22.85
26 27 26 00-0036	EA		50 Amperes, 250 Volt, 1 Phase, NEMA 6-50, Single Receptacle.....	87.90	22.85
26 27 26 00-0037	EA		50 Amperes, 277 Volt, NEMA 7-50, Single Receptacle.....	77.03	22.85
26 27 26 00-0038	EA		50 Amperes, 125/250 Volt, NEMA 10-50, Single Receptacle.....	97.25	22.85
26 27 26 00-0039	EA		50 Amperes, 125/250 Volt, 1 Phase, NEMA 14-50, Single Receptacle.....	109.00	22.85
26 27 26 00-0040	EA		50 Amperes, 250 Volt, 3 Phase, NEMA 15-50, Single Receptacle.....	114.71	25.71

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 27 26 00-0041	EA	60 Amperes, 125/250 Volt, 1 Phase, NEMA 14-60, Single Receptacle	126.17	28.57
26 27 26 00-0042	EA	60 Amperes, 250 Volt, 3 Phase, NEMA 15-60, Single Receptacle	137.60	34.28
26 27 26 00-0043	EA	100 Amperes, 480 Volt, 3 Phase, Joy Receptacle With Box, Complete	1,305.38	268.52
26 27 26 00-0044	EA	400 Amperes, 4 Pole Weatherproof Generator Receptacle With Box, Complete	3,202.17	328.51
26 27 26 00-0045	EA	30 Amperes, 230 Volt, Dryer Receptacle	72.12	22.85
26 27 26 00-0046	EA	60 Amperes, 230 Volt, Range Receptacle	105.55	34.28
26 27 26 00-0047	EA	15 Or 20 Amperes, 120/277 Volt, Clock Hanger Receptacle	67.88	14.28
26 27 26 00-0048	EA	Cable Reel With 20 Amperes, 120 Volt Receptacle, Complete	1,368.31	347.93

26 27 26 00-0049 Isolated Ground Receptacles (26 27 26 00-0028)

26 27 26 00-0050	EA	15 Amperes, 125 Volt, NEMA 5-15R Isolated Ground Receptacle, Simplex	90.17	11.43
Note: 2 Pole, 3 wire.				
26 27 26 00-0051	EA	20 Amperes, 120 Volt Isolated Ground Receptacles, Simplex	57.64	14.28
26 27 26 00-0052	EA	20 Amperes, 120 Volt Isolated Ground Receptacles, Duplex	57.43	14.28
26 27 26 00-0053	EA	30 Amperes, 120 Volt Isolated Ground Receptacles, Simplex	79.77	22.85
26 27 26 00-0054	EA	Locking 15 Amperes, 250 Volt Isolated Ground Receptacles	64.57	14.28
26 27 26 00-0055	EA	Locking 15 Amperes, 277 Volt Isolated Ground Receptacles	59.18	14.28
26 27 26 00-0056	EA	Locking 20 Amperes, 120/208 Volt Isolated Ground Receptacles	81.75	17.14
26 27 26 00-0057	EA	Locking 20 Amperes, 277/480 Volt Isolated Ground Receptacles	64.96	17.14
26 27 26 00-0058	EA	Locking 20 Amperes, 347/600 Volt Isolated Ground Receptacles	83.74	17.14
26 27 26 00-0059	EA	Locking 30 Amperes, 120/208 Volt Isolated Ground Receptacles	102.04	17.14
26 27 26 00-0060	EA	Locking 30 Amperes, 277 Volt Isolated Ground Receptacles	100.56	22.85

26 27 26 00-0061 Explosion Proof Receptacles (26 27 26 00-0028)

26 27 26 00-0062	EA	1/2", 20 Amperes, 2 Watt, 3 Pole, Type CPS Explosion Proof Receptacle Assembly	919.37	28.57
26 27 26 00-0063	EA	3/4", 20 Amperes, 2 Watt, 3 Pole, Type CPS Explosion Proof Receptacle Assembly	846.21	31.42
26 27 26 00-0064	EA	3/4", 30 Amperes, 2 Watt, 3 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	1,406.05	57.13
26 27 26 00-0065	EA	3/4", 30 Amperes, 3 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	1,773.71	57.13
26 27 26 00-0066	EA	1-1/4", 60 Amperes, 2 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	2,242.08	85.70
26 27 26 00-0067	EA	1-1/4", 60 Amperes, 3 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	2,135.64	85.70

26 27 26 00-0068 Ground Fault Circuit Interrupter (GFCI) (26 27 26 00-0028)

26 27 26 00-0069	EA	15 Amperes, Ground Fault Circuit Interrupter (GFCI), Duplex Receptacle	36.73	14.28
26 27 26 00-0070	EA	20 Amperes, Ground Fault Circuit Interrupter (GFCI), Duplex Receptacle	52.76	17.14

26 27 26 00-0071 Arc Fault Circuit Interrupter (AFCI) (26 27 26 00-0028)

26 27 26 00-0072	EA	15 Amperes, 125 Volt Duplex Arc Fault Circuit Interrupter (AFCI), Tamper Resistant Receptacle	66.77	14.28
26 27 26 00-0073	EA	20 Amperes, 125 Volt Duplex Arc Fault Circuit Interrupter (AFCI), Tamper Resistant Receptacle	73.44	14.28

26 27 26 00-0074 Locking Receptacle (26 27 26 00-0028)

26 27 26 00-0075	EA	NEMA L5-15, 125 Volt, 2 Pole, 15 Amperes, Locking Receptacle	53.85	14.28
26 27 26 00-0076	EA	NEMA L6-15, 250 Volt, 2 Pole, 15 Amperes, Locking Receptacle	66.97	14.28
26 27 26 00-0077	EA	NEMA L5-20, 125 Volt, 2 Pole, 20 Amperes, Locking Receptacle	59.41	17.14
26 27 26 00-0078	EA	NEMA L6-20, 250 Volt, 2 Pole, 20 Amperes, Locking Receptacle	58.83	17.14
26 27 26 00-0079	EA	NEMA L8-20, 480 Volt, 2 Pole, 20 Amperes, Locking Receptacle	70.37	17.14
26 27 26 00-0080	EA	NEMA L9-20, 600 Volt, 2 Pole, 20 Amperes, Locking Receptacle	85.29	17.14
26 27 26 00-0081	EA	NEMA L10-20, 125/250 Volt, 3 Pole, 20 Amperes, Locking Receptacle	83.63	17.14
26 27 26 00-0082	EA	NEMA L14-20, 125/250 Volt, 3 Pole, 20 Amperes, Locking Receptacle	72.73	17.14
26 27 26 00-0083	EA	NEMA L5-30, 125 Volt, 2 Pole, 30 Amperes, Locking Receptacle	82.19	22.85
26 27 26 00-0084	EA	NEMA L6-30, 250 Volt, 2 Pole, 30 Amperes, Locking Receptacle	83.58	22.85
26 27 26 00-0085	EA	NEMA L15-30, 250 Volt, 3 Pole, 30 Amperes, Locking Receptacle	107.97	22.85

26 27 26 00-0086 Hospital Grade Receptacle (26 27 26 00-0028)

26 27 26 00-0087	EA	15 Amperes, Heavy Duty Hospital Grade, NEMA 5-15, Single Receptacle	50.09	11.43
26 27 26 00-0088	EA	15 Amperes, Heavy Duty Hospital Grade, NEMA 5-15, Duplex Receptacle	54.78	11.43
26 27 26 00-0089	EA	20 Amperes, Heavy Duty Hospital Grade, NEMA 5-20, Duplex Receptacle	59.76	11.43
26 27 26 00-0090	EA	20 Amperes, Heavy Duty Hospital Grade, NEMA 5-20, Duplex Receptacle, Isolated Ground	69.18	11.43
26 27 26 00-0091	EA	20 Amperes, Extra Heavy Duty Hospital Grade, NEMA 5-20, Duplex Receptacle	60.47	11.43
26 27 26 00-0092	EA	20 Amperes, Extra Heavy Duty Hospital Grade, NEMA 5-20, Duplex Receptacle, Isolated Ground	70.22	11.43
26 27 26 00-0093	EA	120 Volt, Transient Voltage, Surge Suppressor Receptacle	155.26	34.28
Note: Hospital grade receptacle.				

26 27 26 00-0094 Weathertight Pin And Sleeve Receptacle (26 27 26 00-0028)

26 27 26 00-0095	EA	20 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R4W)	271.79	57.13
26 27 26 00-0096	EA	20 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R6W)	271.14	57.13
26 27 26 00-0097	EA	20 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R7W)	283.43	57.13
26 27 26 00-0098	EA	20 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R12W)	346.95	62.85
26 27 26 00-0099	EA	20 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R9W)	347.98	62.85
26 27 26 00-0100	EA	20 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R7W)	345.61	62.85
26 27 26 00-0101	EA	30 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R4W)	415.10	70.27
26 27 26 00-0102	EA	30 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R6W)	395.12	70.27
26 27 26 00-0103	EA	30 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R7W)	426.40	70.27
26 27 26 00-0104	EA	30 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R12W)	429.65	77.13
26 27 26 00-0105	EA	30 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R9W)	429.26	77.13
26 27 26 00-0106	EA	30 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R7W)	432.09	77.13
26 27 26 00-0107	EA	60 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R4W)	607.35	91.41
26 27 26 00-0108	EA	60 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R6W)	583.16	91.41

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 27 Low-Voltage Distribution Equipment

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TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 27 26 00-0109	EA	60 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R7W).....	598.91	91.41
26 27 26 00-0110	EA	60 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R12W).....	666.98	101.70
26 27 26 00-0111	EA	60 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R9W).....	667.45	101.70
26 27 26 00-0112	EA	60 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R7W).....	667.91	101.70
26 27 26 00-0113	EA	100 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 3100R6W).....	742.19	114.27
26 27 26 00-0114	EA	100 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 3100R7W).....	773.21	114.27
26 27 26 00-0115	EA	100 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R12W).....	831.39	125.69
26 27 26 00-0116	EA	100 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R9W).....	829.06	125.69
26 27 26 00-0117	EA	100 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R7W).....	833.44	125.69
26 27 26 00-0118		Corrosion Resistant Receptacle (26 27 26 00-0028)		
26 27 26 00-0119	EA	15/20 Amperes, 125 Volt Corrosion Resistant, Power Receptacles.....	70.87	11.43
26 27 26 00-0120	EA	15/20 Amperes, 250 Volt Corrosion Resistant, Power Receptacles.....	142.05	14.28
26 27 26 00-0121		Tamper Resistant Receptacle (26 27 26 00-0028)		
26 27 26 00-0122	EA	15 Amperes, 125 Volt Duplex Tamper Resistant Receptacle..... Note: Pass & Seymour 3232-TR.	28.48	11.43
26 27 26 00-0123	EA	20 Amperes, 125 Volt Duplex Tamper Resistant Receptacle..... Note: Pass & Seymour TR20.	31.38	11.43
26 27 26 00-0124	EA	15 Amperes, 125 Volt Single Specification Grade Tamper Resistant Receptacle..... Note: Pass & Seymour TR5251.	39.70	11.43
26 27 26 00-0125	EA	20 Amperes, 125 Volt Single Specification Grade Tamper Resistant Receptacle..... Note: Pass & Seymour TR5351.	43.60	11.43
26 27 26 00-0126	EA	15 Amperes, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Tamper Resistant Receptacle..... Note: Pass & Seymour S1595-TR*CC8.	67.04	11.43
26 27 26 00-0127	EA	15 Amperes, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Specification Grade Tamper Resistant Receptacle..... Note: Pass & Seymour 1595-TRS.	72.63	11.43
26 27 26 00-0128	EA	20 Amperes, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Specification Grade Tamper Resistant Receptacle..... Note: Pass & Seymour 2095-TRS.	77.96	11.43
26 27 26 00-0129		USB Charger/Duplex Tamper-Resistant Receptacles (26 27 26 00-0028)		
26 27 26 00-0130	EA	15 Amperes, 125 Volt Duplex USB Charger/Duplex Tamper-Resistant Receptacle.....	69.08	11.43
26 27 26 00-0131	EA	20 Amperes, 125 Volt Duplex USB Charger/Duplex Tamper-Resistant Receptacle.....	74.86	11.43
26 27 26 00-0132		Switches (26 27 26)		
26 27 26 00-0133		Switches (26 27 26 00-0132)		
26 27 26 00-0134		Switch Assemblies (26 27 26 00-0133)		
		Note: Includes 4" square steel box, bracket, mud ring, switch and cover plate.		
26 27 26 00-0135	EA	1 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly.....	101.59	39.99
26 27 26 00-0136	EA	1 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly.....	108.94	43.42
26 27 26 00-0137	EA	2 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly.....	135.10	52.27
26 27 26 00-0138	EA	2 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly.....	147.52	57.99
26 27 26 00-0139	EA	3 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly.....	232.69	89.70
26 27 26 00-0140	EA	3 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly.....	251.33	98.27
26 27 26 00-0141	EA	4 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly.....	266.39	101.41
26 27 26 00-0142	EA	4 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly.....	291.23	112.83
26 27 26 00-0143		Switch Components (26 27 26 00-0133)		
26 27 26 00-0144	EA	15 Amperes, 120/277 Volt, SPST Switch.....	30.23	11.43
26 27 26 00-0145	EA	15 Amperes, 120/277 Volt, 3-Way Switch.....	38.27	14.28
26 27 26 00-0146	EA	15 Amperes, 120/277 Volt, 4-Way Switch.....	73.86	22.85
26 27 26 00-0147	EA	15 Amperes, 120/277 Volt, DPST Switch.....	34.53	11.43
26 27 26 00-0148	EA	15 Amperes, 120/277 Volt, Thermal Switch.....	65.28	14.28
26 27 26 00-0149	EA	20 Amperes, 120/277 Volt, SPST Switch.....	36.45	14.28
26 27 26 00-0150	EA	20 Amperes, 120/277 Volt, 3-Way Switch.....	45.06	17.14
26 27 26 00-0151	EA	20 Amperes, 120/277 Volt, 4-Way Switch.....	99.41	22.85
26 27 26 00-0152	EA	20 Amperes, 120/277 Volt, DPST Switch.....	43.34	14.28
26 27 26 00-0153	EA	20 Amperes, 120/277 Volt, DPDT Switch.....	46.39	14.28
26 27 26 00-0154	EA	15 Amperes, 120/277 Volt, Single Pole, Toggle, Three Position, Center Off, Momentary Contact Switch.....	83.46	14.31
26 27 26 00-0155	EA	15 Amperes, 120/277 Volt, Key Operated, Single Pole, Three Position, Center Off, Momentary Contact Switch.....	105.52	14.31
26 27 26 00-0156	EA	Momentary Contact Switch With Separate Neon Pilot..... Note: Neon Pilot is 125 V, 1 / 125W.	80.00	17.17
26 27 26 00-0157	EA	20 Amperes, 125 Volt AC, Single Pole, Maintained Contact Switch With Center Off..... Note: Or 250 VAC 10 Amp, double throw BAT handle.	55.29	20.00
26 27 26 00-0158	EA	20 Amperes, 125 Volt AC, Double Pole, Maintained Contact Switch..... Note: Or 250 VAC 10 Amp, with center off double throw BAT handle.	67.99	22.85
26 27 26 00-0159	EA	20 Amperes, 125 Volt AC, Three Pole, Maintained Contact Switch..... Note: Or 250 VAC 10 Amp, with center off double throw BAT handle.	99.47	22.85
26 27 26 00-0160	EA	30 Amperes, 120/277 Volt, Single Pole, Local Switch.....	83.12	22.89
26 27 26 00-0161	EA	30 Amperes, 120/277 Volt, Double Pole, Local Switch.....	102.95	22.89
26 27 26 00-0162	EA	30 Amperes, 120/277 Volt, Three-Way Local Switch.....	107.24	28.62
26 27 26 00-0163	EA	30 Amperes, 120/277 Volt, Four-Way Local Switch.....	150.49	31.48
26 27 26 00-0164	EA	15 Amperes, 120/277 Volt, Local Switch With Neon Pilot.....	70.03	18.72
26 27 26 00-0165	EA	15 Amperes, 120/277 Volt, Local Switch With Separate Neon Pilot..... Note: Neon pilot is 125V, 1/25W. Requires 2 gang installation.	100.26	18.72
26 27 26 00-0166	EA	15 Amperes, 120 Volt, Clear Toggle, Lighted In On Position, Single Pole, Lighted Toggle Switch.....	87.23	18.72
26 27 26 00-0167	EA	15 Amperes, 120 Volt, Ivory Toggle, Lighted In Off Position, Lighted Toggle Switch.....	82.75	18.72

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 27 26 00-0168	EA		6 Amperes, 125 Volt, Door Open-Light On, Automatic Door Switch.....	93.66	9.27
26 27 26 00-0169	EA		6 Amperes, 125 Volt, Door Closed-Light On, Automatic Door Switch.....	99.74	9.27
26 27 26 00-0170	EA		15 Amperes, 120/277 Volt, Three Position, Center Off, Toggle, Single Pole Momentary Contact Switch.....	104.87	35.72
26 27 26 00-0171	EA		Three Position, Center Off, Key Operated, Momentary Contact Switch.....	126.93	35.72
Note: 15A, 120/277 V, Single Pole					
26 27 26 00-0172	EA		Single Pole, Slide Dimmer (Leviton IP710-LFZ).....	153.05	11.45
26 27 26 00-0173	EA		8 Amperes, 120/277 Volt, 0 To 10 Volt Dimmer LED Control Switch, White (Lutron DVSTV-WH).....	95.34	11.45
26 27 26 00-0174	EA		120/277 Volt, (8 Amperes Lighting/3 Amperes Fan), Wireless Dimming Switch (Lutron MRF2-8S-DV-WH).....	259.23	11.43
26 27 26 00-0175	EA		120 Volt, Companion Wireless Dimmer Switch (Lutron MA-AS-WH).....	51.31	11.43
26 27 26 00-0176	EA		1200VA 0-10V LED And Fluorescent, Sunrise Electronic Wall Dimmer (Philips SR1200ZTUNV).....	102.05	11.45
26 27 26 00-0177	EA		1 Zone, 2 Button Wireless Scheduling Switch (LG 9SSA2B1T520.ALWB000).....	118.08	11.45
26 27 26 00-0178	EA		2 Zone, 4 Button Wireless Scheduling Switch (LG 9SSA2B2T520.ALWB000).....	153.07	11.45
26 27 26 00-0179	EA		Wireless Single Rocker Remote Switch (Leviton WSS0S-S9).....	157.17	11.45

26 27 26 00-0180
Specialty Switches (26 27 26 00-0132)
26 27 26 00-0181
Dimmers With SPST Switch (26 27 26 00-0180)

26 27 26 00-0182	EA		600 Watt Dimmers With SPST Switch.....	67.37	25.71
26 27 26 00-0183	EA		1,000 Watt Dimmers With SPST Switch.....	117.18	25.71
26 27 26 00-0184	EA		1,500 Watt Dimmers With SPST Switch.....	211.39	41.37
26 27 26 00-0185	EA		2,000 Watt Dimmers With SPST Switch.....	274.94	41.37
26 27 26 00-0186	EA		600 Watt Fluorescent Dimmer Switch.....	152.58	30.51
26 27 26 00-0187	EA		1,000 Watt Fluorescent Dimmer Switch.....	207.26	30.51
26 27 26 00-0188	EA		1,500 Watt Fluorescent Dimmer Switch.....	375.78	46.05
26 27 26 00-0189	EA		Remote Speed Switch For Paddle Fan.....	111.29	38.05
26 27 26 00-0190	EA		600 Watt Combination Remote Speed Switch/Incandescent Dimmer.....	183.97	56.79

26 27 26 00-0191
Time Switches (26 27 26 00-0180)

26 27 26 00-0192	EA		40 Amperes, 125 Volt, SPST, Standard Time Switch.....	126.09	34.28
26 27 26 00-0193	EA		40 Amperes, 277 Volt, SPST, Standard Time Switch.....	128.97	34.28
26 27 26 00-0194	EA		40 Amperes, 125 Volt, DPST, Standard Time Switch.....	126.09	34.28
26 27 26 00-0195	EA		40 Amperes, 277 Volt, DPST, Standard Time Switch.....	128.97	34.28
26 27 26 00-0196	EA		40 Amperes, 125 Volt, SPST, 7-Day Time Switch.....	145.27	34.28
26 27 26 00-0197	EA		40 Amperes, 277 Volt, SPST, 7-Day Time Switch.....	145.27	34.28
26 27 26 00-0198	EA		40 Amperes, 125 Volt, DPDT, 7-Day Time Switch.....	258.42	34.28
26 27 26 00-0199	EA		40 Amperes, 277 Volt, DPDT, 7-Day Time Switch.....	258.42	34.28
26 27 26 00-0200	EA		20 Amperes, 125 Volt, SPST, Programmable Time Switch.....	222.12	34.28
26 27 26 00-0201	EA		20 Amperes, 277 Volt, SPST, Programmable Time Switch.....	244.29	34.28
26 27 26 00-0202	EA		20 Amperes, 277 Volt, SPST, Weatherproof Programmable Time Switch.....	244.29	34.28
26 27 26 00-0203	EA		40 Amperes, 125 Volt, 4PST, Astro Dial Time Switch.....	296.68	34.28
26 27 26 00-0204	EA		40 Amperes, 277 Volt, 4PST, Astro Dial Time Switch.....	305.50	34.28
26 27 26 00-0205	EA		40 Amperes, 125 Volt, SPST, Weatherproof Standard Time Switch.....	126.09	34.28
26 27 26 00-0206	EA		40 Amperes, 277 Volt, SPST, Weatherproof Standard Time Switch.....	128.97	34.28
26 27 26 00-0207	EA		40 Amperes, 125 Volt, DPST, Weatherproof Standard Time Switch.....	126.09	34.28
26 27 26 00-0208	EA		40 Amperes, 277 Volt, DPST, Weatherproof Standard Time Switch.....	128.97	34.28
26 27 26 00-0209	EA		40 Amperes, 125 Volt, SPST, Weatherproof 7-Day Time Switch.....	145.27	34.28
26 27 26 00-0210	EA		40 Amperes, 277 Volt, SPST, Weatherproof 7-Day Time Switch.....	145.27	34.28
26 27 26 00-0211	EA		40 Amperes, 125 Volt, DPDT, Weatherproof 7-Day Time Switch.....	258.42	34.28
26 27 26 00-0212	EA		40 Amperes, 277 Volt, DPDT, Weatherproof 7-Day Time Switch.....	258.42	34.28
26 27 26 00-0213	EA		40 Amperes, 125 Volt, 4PST, Weatherproof Astro Dial Time Switch.....	296.68	34.28
26 27 26 00-0214	EA		40 Amperes, 277 Volt, 4PST, Weatherproof Astro Dial Time Switch.....	305.50	34.28

26 27 26 00-0215
Low Voltage Switching (26 27 26 00-0180)

26 27 26 00-0216	EA		36 Pin Male Or Female Connector.....	208.86	11.43
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26 27 26 00-0217
Other Switches (26 27 26 00-0180)

26 27 26 00-0218	EA		Pull Chain Switch 120/277 Volt AC Installed In Light Fixture.....	37.84	17.14
26 27 26 00-0219	EA		SPST Locking Switch For Concealed Devices.....	116.13	45.71
26 27 26 00-0220	EA		3-Way Locking Switch For Concealed Devices.....	117.68	45.71
26 27 26 00-0221	EA		Emergency Off Switch, With 1 Non-Closing Contact, Circular, Red, With Guard.....	129.30	42.73
26 27 26 00-0222	EA		15 Amperes Momentary Contact Switch.....	123.02	42.73
26 27 26 00-0223	EA		20 Amperes Momentary Contact Switch.....	129.64	42.73
26 27 26 00-0224	EA		2-1/4" Handy Box Cover Units Fuseholder Switch.....	121.47	51.51
26 27 26 00-0225	EA		2-3/4" Handy Box Cover Units Fuseholder Switch.....	123.31	51.51
26 27 26 00-0226	EA		4" Square Box Cover Units With 2 Fuseholders And 2 Switches.....	151.73	62.96
26 27 26 00-0227	EA		4" Square Box Cover Units With 1 Fuseholder And 1 Switch.....	137.99	57.23
26 27 26 00-0228	EA		4" Octagon Box Cover Units With 1 Fuseholder And 1 Switch.....	138.45	57.23

26 27 26 00-0229
Hospital Grade Switches (26 27 26 00-0180)

26 27 26 00-0230	EA		15 Amperes, 120/277 Volt, SPST Hospital Grade Switch.....	30.23	11.43
26 27 26 00-0231	EA		20 Amperes, 120/277 Volt, SPST Hospital Grade Switch.....	36.45	14.28

26 27 26 00-0232
Plates And Covers (26 27 26)
26 27 26 00-0233
Wall Plates (26 27 26 00-0232)
26 27 26 00-0234
Nylon Wall Plates (26 27 26 00-0233)

26 27 26 00-0235	EA		1 Gang Nylon Switch Wall Plates.....	1.86	0.57
26 27 26 00-0236	EA		2 Gang Nylon Switch Wall Plates.....	3.17	0.86

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 27 Low-Voltage Distribution Equipment**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 27 26 00-0237	EA	3 Gang Nylon Switch Wall Plates	4.51	1.14
26 27 26 00-0238	EA	4 Gang Nylon Switch Wall Plate	6.53	1.43
26 27 26 00-0239	EA	1 Gang Duplex Nylon Wall Plate	1.88	0.57
26 27 26 00-0240	EA	2 Gang Duplex Nylon Wall Plate	3.25	0.86
26 27 26 00-0241		Plastic Wall Plates (26 27 26 00-0233)		
26 27 26 00-0242	EA	1 Gang Plastic Switch Wall Plates	1.72	0.57
26 27 26 00-0243	EA	2 Gang Plastic Switch Wall Plates	2.88	0.86
26 27 26 00-0244	EA	3 Gang Plastic Switch Wall Plates	4.05	1.14
26 27 26 00-0245	EA	4 Gang Plastic Switch Wall Plates	6.53	1.43
26 27 26 00-0246	EA	1 Gang Duplex Plastic Wall Plate	1.72	0.57
26 27 26 00-0247	EA	2 Gang Duplex Plastic Wall Plate	2.89	0.86
26 27 26 00-0248		Thermoplastic Wall Plates (Hospital Grade) (26 27 26 00-0233)		
26 27 26 00-0249	EA	1 Gang Thermoplastic Hospital Grade Switch Wall Plate	8.73	0.57
26 27 26 00-0250	EA	2 Gang Thermoplastic Hospital Grade Switch Wall Plate	10.55	0.86
26 27 26 00-0251	EA	3 Gang Thermoplastic Hospital Grade Switch Wall Plate	16.56	1.14
26 27 26 00-0252	EA	4 Gang Thermoplastic Hospital Grade Switch Wall Plate	24.27	1.43
26 27 26 00-0253	EA	1 Gang Duplex Thermoplastic Hospital Grade Wall Plate	12.93	0.57
26 27 26 00-0254	EA	2 Gang Duplex Thermoplastic Hospital Grade Wall Plate	20.35	0.86
26 27 26 00-0255		Brass Wall Plates (26 27 26 00-0233)		
26 27 26 00-0256	EA	1 Gang, 0.04" Brass Switch Wall Plates	18.76	2.57
26 27 26 00-0257	EA	2 Gang, 0.04" Brass Switch Wall Plates	35.49	2.97
26 27 26 00-0258	EA	3 Gang, 0.04" Brass Switch Wall Plates	52.10	3.32
26 27 26 00-0259	EA	4 Gang, 0.04" Brass Switch Wall Plates	81.34	3.60
26 27 26 00-0260	EA	5 Gang, 0.04" Brass Switch Wall Plates	99.17	3.84
26 27 26 00-0261	EA	6 Gang, 0.04" Brass Switch Wall Plates	114.86	4.01
26 27 26 00-0262	EA	1 Gang, 0.04" Brass Duplex Receptacle Wall Plate	18.76	2.57
26 27 26 00-0263	EA	2 Gang, 0.04" Brass Duplex Receptacle Wall Plate	41.68	2.97
26 27 26 00-0264	EA	3 Gang 0.04" Brass Duplex Receptacle Wall Plate	60.27	3.32
26 27 26 00-0265		Stainless Steel Wall Plates (26 27 26 00-0233)		
26 27 26 00-0266	EA	1 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	9.81	2.57
26 27 26 00-0267	EA	2 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	15.94	2.97
26 27 26 00-0268	EA	3 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	22.42	3.32
26 27 26 00-0269	EA	4 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	33.13	3.60
26 27 26 00-0270	EA	5 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	39.09	3.84
26 27 26 00-0271	EA	6 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	47.39	4.01
26 27 26 00-0272	EA	1 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate	10.80	2.57
26 27 26 00-0273	EA	2 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate	18.26	2.97
26 27 26 00-0274	EA	3 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate	30.09	3.32
26 27 26 00-0275	EA	4 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate	36.46	3.60
26 27 26 00-0276		Chrome Wall Plates (26 27 26 00-0233)		
26 27 26 00-0277	EA	1 Gang, 0.040" Chrome Switch Wall Plate	38.02	2.57
26 27 26 00-0278	EA	2 Gang 0.040" Chrome Switch Wall Plate	71.56	2.97
26 27 26 00-0279	EA	3 Gang 0.040" Chrome Switch Wall Plate	105.09	3.32
26 27 26 00-0280	EA	1 Gang 0.040" Chrome Duplex Receptacle Wall Plate	37.99	2.57
26 27 26 00-0281		Weatherproof Covers (26 27 26 00-0232)		
26 27 26 00-0282		Stamped Metallic Weatherproof Covers (26 27 26 00-0281)		
Note: Includes electrostatically applied powder coating and neoprene gasket.				
26 27 26 00-0283	EA	Blank Cover, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FBC)	11.05	0.57
26 27 26 00-0284	EA	Duplex Receptacle, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FAC)	11.97	0.57
26 27 26 00-0285	EA	Single Receptacle, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FRC)	11.97	0.57
26 27 26 00-0286	EA	Toggle Switch, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FTC)	11.97	0.57
26 27 26 00-0287	EA	Blank Cover, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FBC)	14.70	0.86
26 27 26 00-0288	EA	Duplex Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FAC)	16.68	0.86
26 27 26 00-0289	EA	Single Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FRC)	16.88	0.86
26 27 26 00-0290	EA	Toggle Switch, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FTC)	16.88	0.86
26 27 26 00-0291	EA	Toggle Switch And Duplex Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FTAC)	22.92	0.86
26 27 26 00-0292	EA	Blank Cover, Three Gang, Stamped Metallic Weatherproof Cover (Killark® 3FB)	21.74	1.14
26 27 26 00-0293	EA	Toggle Switch, Three Gang, Stamped Metallic Weatherproof Cover (Killark® 3FT)	23.76	1.14
26 27 26 00-0294		Cast Metallic Weatherproof Covers (26 27 26 00-0281)		
Note: Includes electrostatically applied powder coating and neoprene gasket.				
26 27 26 00-0295	EA	Blank Cover, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSBC)	13.52	0.57
26 27 26 00-0296	EA	Duplex Receptacle, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLA)	43.06	0.57
26 27 26 00-0297	EA	Single Receptacle, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLR)	48.28	0.57
26 27 26 00-0298	EA	Guarded Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSTG)	13.42	0.57
26 27 26 00-0299	EA	Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLT)	36.51	0.57
26 27 26 00-0300	EA	Lever Operated Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSPT)	60.70	0.57
26 27 26 00-0301	EA	Plunger Operated Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FST)	77.27	0.57
26 27 26 00-0302	EA	Blank Cover, Two Gang, Cast Metallic Weatherproof Cover (Killark® 2FSBC)	16.88	0.86
26 27 26 00-0303	EA	Plunger Operated Toggle Switch, Two Gang, Cast Metallic Weatherproof Cover (Killark® 2FST)	122.06	0.86
26 27 26 00-0304	EA	Blank Cover, Three Gang, Cast Metallic Weatherproof Cover (Killark® 3FSBC)	28.22	1.14

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 27 26 00-0305	EA		Plunger Operated Toggle Switch, Three Gang, Cast Metallic Weatherproof Cover (Killark® 3FST).....	116.64	1.14
26 27 26 00-0306 Die Cast Aluminum Weatherproof Covers <small>(26 27 26 00-0281)</small>					
Note: Includes electrostatically applied powder coating and neoprene gasket.					
26 27 26 00-0307	EA		Duplex Receptacle, Single Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5027)	5.37	0.57
26 27 26 00-0308	EA		Single Receptacle, Single Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5026).....	6.91	0.57
26 27 26 00-0309	EA		Duplex Receptacles, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5032).....	9.27	0.86
26 27 26 00-0310	EA		Toggle Switch, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5041).....	10.07	0.86
26 27 26 00-0311	EA		Toggle Switch And Duplex Receptacle, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5042)	10.07	0.86
26 27 26 00-0312	EA		Toggle Switch And Single Receptacle, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5043)	11.23	0.86
26 27 26 00-0313 Heavy Duty Die Cast Aluminum Weatherproof Covers <small>(26 27 26 00-0281)</small>					
Note: Includes baked on lacquer finish and neoprene gasket.					
26 27 26 00-0314	EA		Duplex Receptacle, Single Gang, Heavy Duty Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Pass & Seymour Legrand® 4510).....	55.69	0.57
26 27 26 00-0315 Polycarbonate Weatherproof Covers <small>(26 27 26 00-0281)</small>					
Note: Includes neoprene gasket.					
26 27 26 00-0316	EA		Toggle Switch, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730).....	11.14	0.57
26 27 26 00-0317	EA		Duplex Receptacle, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730)	11.14	0.57
26 27 26 00-0318	EA		Single Receptacle, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730)	11.14	0.57
26 27 26 00-0319	EA		Duplex Receptacle, Two Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5775)	13.76	0.86
26 27 26 00-0320	EA		Toggle Switch And Single Receptacle, Two Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5775)	13.76	0.86
26 27 26 00-0321 High Impact Thermoplastic Weatherproof Covers <small>(26 27 26 00-0281)</small>					
Note: Includes neoprene gasket.					
26 27 26 00-0322	EA		Duplex Receptacle, Single Gang, High Impact Thermoplastic Weatherproof Cover With Self Closing Lid (Hubbell® HBL522)	88.59	0.57
26 27 26 00-0323 Non Metallic (PVC) Weatherproof Covers <small>(26 27 26 00-0281)</small>					
Note: Includes neoprene gasket.					
26 27 26 00-0324	EA		Blank Cover, Single Gang, Non Metallic (PVC) Weatherproof Cover	13.05	0.57
26 27 26 00-0325	EA		Blank Cover, Two Gang, Non Metallic (PVC) Weatherproof Cover	13.97	0.86
26 27 26 00-0326	EA		Toggle Switch, Single Gang, Non Metallic (PVC) Weatherproof Cover	13.09	0.57
26 27 26 00-0327	EA		Switch, Single Gang, Non Metallic (PVC) Weatherproof Cover	28.96	0.57
26 27 26 00-0328	EA		Duplex Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover	33.59	0.57
26 27 26 00-0329	EA		20 Amperes, Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover	27.21	0.57
26 27 26 00-0330	EA		30 Amperes, Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover	20.25	0.57
26 27 26 00-0331	EA		50 Amperes, Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover	23.71	0.57
26 27 26 00-0332	EA		Plunger Switch, Single Gang, Non Metallic (PVC) Weatherproof Cover.....	21.19	0.57
26 27 26 00-0333	EA		Double Duplex Receptacle, Two Gang, Non Metallic (PVC) Weatherproof Cover	30.51	0.86
26 27 26 00-0334 Removal And Reinstallation Of Wiring Devices <small>(26 27 26)</small>					
Note: Includes storage and cleaning.					
26 27 26 00-0335	EA		Removal And Reinstallation Of Receptacle, Switch, Outlet Or Special System Device.....	75.18	
26 27 26 00-0336	EA		Removal And Reinstallation Of Receptacle Or Switch Outlet Cover Plate	9.52	
26 27 26 00-0337 Relay Systems <small>(26 27 26)</small>					
26 27 26 00-0338	EA		10 Amperes, 24 Volt Coil, 2 Position Relay	88.59	25.71
26 27 26 00-0339	EA		20 Amperes, 120 Volt Coil, Up To 4 Contacts, Industrial Control Relay	383.98	85.70
26 27 26 00-0340	EA		20 Amperes, 120 Volt Coil, 12 Contacts, Industrial Control Relay	654.03	114.27
26 27 26 00-0341 Limit Switches <small>(26 27 26)</small>					
26 27 26 00-0342 Heavy Duty Precision Oiltight <small>(26 27 26 00-0341)</small>					
26 27 26 00-0343 Lever Arm, Plunger, Wobble Stick Type <small>(26 27 26 00-0342)</small>					
26 27 26 00-0344	EA		Limit Switch, Heavy Duty, Lever Arm Weatherproof, 10 Amperes Rated	429.86	71.99
26 27 26 00-0345 In Line Midget Fuseholders <small>(26 27 26)</small>					
See CSI section 26 28 13 00-0078 for fuses.					
26 27 26 00-0346	EA		Single Pole Water Resistant In Line Midget Fuseholder	85.51	
26 27 26 00-0347	EA		Double Pole Water Resistant In Line Midget Fuseholder	201.98	
26 27 33 Power Distribution Units <small>(26 27)</small>					
Note: Includes wiring connections and testing.					
26 27 33 00-0001 Liebert Precision Power Center <small>(26 27 33)</small>					
Note: With K20 Trans Spike Suppression Modules Lighting/ Surge Arrestors. Includes start-up.					
26 27 33 00-0002	EA		PDU 15 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC015C)	20,482.06	351.36
26 27 33 00-0003	EA		PDU 30 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC030C)	24,738.46	380.84
26 27 33 00-0004	EA		PDU 50 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC050C)	28,195.25	422.77
26 27 33 00-0005	EA		PDU 75 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC075C)	32,445.92	457.05
26 27 33 00-0006	EA		PDU 100 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC100C)	35,392.72	571.32

26 Electrical

26 20 Low-Voltage Electrical Distribution

26 27 Low-Voltage Distribution Equipment

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 27 33 00-0007	EA	PDU 125 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC125C)	39,698.64	685.58
26 27 33 00-0008	EA	PDU 150 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC150C)	45,803.40	799.85
26 27 33 00-0009	EA	PDU 200 KVA, 480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC200C)	48,150.58	914.10
26 27 33 00-0010	EA	PDU 225 KVA, 480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC225C)	50,857.51	1,028.37
26 27 33 00-0011	EA	Ex Panelboard 10-30 KVA	1,803.52	114.27
26 27 33 00-0012	EA	Ex Panelboard 50-125 KVA	2,700.11	142.82
26 27 33 00-0013	EA	Ex Panelboard 150-220 KVA	6,115.10	171.39
26 27 33 00-0014	EA	Removal And Reinstallation Of Power Distribution Unit Note: Includes disconnection / reconnection of branch circuits, storage and cleaning.	1,828.22	
26 27 33 00-0015	EA	Start-Up Liebert Power Distribution Unit Line Item Applies To A Relocation Only	1,371.17	

26 27 73 Door Chimes (26 27)

26 27 73 00-0001	Door Bell Chime And Door Button With Built-In Viewer (26 27 73)				
	Note: Non-electric chime, mounted on door				
26 27 73 00-0002	EA	Mechanical Door Bell Chime And Door Button With Built-In Viewer (Newhouse Hardware MCHBV)	81.91	17.46	

26 27 73 00-0003 Wireless Door Bell System (26 27 73)

26 27 73 00-0004	EA	Wireless Doorbell Chime And Push Button (Broan LA542WH)	134.12	
	Note: Includes 2 push buttons			
26 27 73 00-0005	EA	Wireless Doorbell Chime And Push Button (STI-3350G)	126.17	
	Note: Includes 2 push buttons			
26 27 73 00-0006	EA	Wireless Doorbell Chime And Push Button (GE 19300)	93.69	
	Note: Includes 2 push buttons			

26 27 73 00-0007 Door Chimes (26 27 73)

26 27 73 00-0008	EA	Door Bell, Push-Button And Transformer, Complete	631.53	238.01
26 27 73 00-0009	EA	Visual Flashing Doorbell Indicator, Wire To Existing System, Complete	260.20	57.13
26 27 73 00-0010	EA	Removal And Replacement Of Bell/Buzzer, Complete Note: Includes removal of existing.	105.07	28.57

26 28 Low-Voltage Circuit Protective Devices (26 20)

26 28 13 Fuses (26 28)

26 28 13 00-0001 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuses (26

26 28 13 00-0002	EA	1 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	25.96	8.23
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add 5.48			
26 28 13 00-0003	EA	2 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	25.35	8.23
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add 5.48			
26 28 13 00-0004	EA	3 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	24.52	8.23
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add 5.48			
26 28 13 00-0005	EA	5 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	24.40	8.23
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add 5.48			
26 28 13 00-0006	EA	6 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	25.18	8.23
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add 5.48			
26 28 13 00-0007	EA	8 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	23.66	8.23
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add 5.48			
26 28 13 00-0008	EA	10 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	23.30	8.23
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add 5.48			
26 28 13 00-0009	EA	15 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	20.34	8.23
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add 5.48			
26 28 13 00-0010	EA	20 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	19.89	8.23
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add 5.48			
26 28 13 00-0011	EA	25 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	20.74	8.23
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add 5.48			
26 28 13 00-0012	EA	30 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	20.15	8.23
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add 5.48			

26 28 13 00-0013 Class RK1, Time Delay Fuses (26 28 13)

26 28 13 00-0014 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuses (26

26 28 13 00-0015	EA	1 Ampere, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	40.52	8.23
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add 5.48			
26 28 13 00-0016	EA	2 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	37.84	8.23
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add 5.48			
26 28 13 00-0017	EA	3 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	39.71	8.23
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add 5.48			
26 28 13 00-0018	EA	4 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	39.47	8.23
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add 5.48			
26 28 13 00-0019	EA	5 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	37.60	8.23
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add 5.48			
26 28 13 00-0020	EA	10 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	36.48	8.23
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add 5.48			
26 28 13 00-0021	EA	15 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	33.52	8.23
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add 5.48			
26 28 13 00-0022	EA	20 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	33.29	8.23
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add 5.48			
26 28 13 00-0023	EA	25 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	33.54	8.23
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add 5.48			
26 28 13 00-0024	EA	30 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	33.23	8.23
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add 5.48			

26 Electrical

26 20 Low-Voltage Electrical Distribution

26 28 Low-Voltage Circuit Protective Devices



MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0066	EA 100 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	142.72 7.54	11.32
26 28 13 00-0067	EA 110 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	261.26 7.54	11.32
26 28 13 00-0068	EA 125 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	265.20 7.54	11.32
26 28 13 00-0069	EA 150 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	261.91 9.26	13.94
26 28 13 00-0070	EA 200 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	261.26 9.26	13.94
26 28 13 00-0071	EA 250 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	497.51 9.26	13.94
26 28 13 00-0072	EA 300 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	500.71 11.31	17.03
26 28 13 00-0073	EA 350 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	564.52 11.31	17.03
26 28 13 00-0074	EA 400 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	511.56 11.31	17.03
26 28 13 00-0075	EA 450 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	918.14 11.31	17.03
26 28 13 00-0076	EA 500 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	818.21 13.71	20.57
26 28 13 00-0077	EA 600 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	713.77 13.71	20.57
26 28 13 00-0078	600 Volt AC, Class CC Midget Fuses ^(26 28 13) Note: 250/300 Volt DC.		
26 28 13 00-0079	EA 1 Amperes, 600 Volt AC, Class CC Midget Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	46.62 5.48	8.23
26 28 13 00-0080	EA 2 Amperes, 600 Volt AC, Class CC Midget Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.33 5.48	8.23
26 28 13 00-0081	EA 3 Amperes, 600 Volt AC, Class CC Midget Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.13 5.48	8.23
26 28 13 00-0082	EA 5 Amperes, 600 Volt AC, Class CC Midget Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	46.90 5.48	8.23
26 28 13 00-0083	EA 6 Amperes, 600 Volt AC, Class CC Midget Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	50.26 5.48	8.23
26 28 13 00-0084	EA 8 Amperes, 600 Volt AC, Class CC Midget Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	44.89 5.48	8.23
26 28 13 00-0085	EA 10 Amperes, 600 Volt AC, Class CC Midget Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.19 5.48	8.23
26 28 13 00-0086	EA 15 Amperes, 600 Volt AC, Class CC Midget Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	46.92 5.48	8.23
26 28 13 00-0087	EA 20 Amperes, 600 Volt AC, Class CC Midget Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	46.05 5.48	8.23
26 28 13 00-0088	EA 25 Amperes, 600 Volt AC, Class CC Midget Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	44.04 5.48	8.23
26 28 13 00-0089	EA 30 Amperes, 600 Volt AC, Class CC Midget Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	45.75 5.48	8.23
26 28 13 00-0090	200,000 Ampere Interrupting Capacity, 600 Volt AC, Class J Bolted Fuse ^(26 28 13)		
26 28 13 00-0091	EA 1 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	60.04 3.43	5.71
26 28 13 00-0092	EA 3 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	60.51 3.43	5.71
26 28 13 00-0093	EA 6 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	52.21 4.11	6.86
26 28 13 00-0094	EA 10 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.90 5.14	8.57
26 28 13 00-0095	EA 15 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	53.02 5.14	8.57
26 28 13 00-0096	EA 20 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	52.02 5.14	8.57
26 28 13 00-0097	EA 25 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	66.26 6.86	11.43
26 28 13 00-0098	EA 30 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	55.11 6.86	11.43
26 28 13 00-0099	EA 35 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	96.74 6.86	11.43
26 28 13 00-0100	EA 40 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	82.39 6.86	11.43
26 28 13 00-0101	EA 45 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	94.54 6.86	11.43
26 28 13 00-0102	EA 50 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	83.77 8.57	14.28
26 28 13 00-0103	EA 60 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	82.22 8.57	14.28
26 28 13 00-0104	EA 70 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	127.87 10.28	17.14
26 28 13 00-0105	EA 80 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	136.38 10.28	17.14
26 28 13 00-0106	EA 90 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	134.21 10.28	17.14
26 28 13 00-0107	EA 100 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	117.35 12.00	20.00

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0108	EA		110 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	276.11 12.00	20.00
26 28 13 00-0109	EA		125 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	234.51 12.00	20.00
26 28 13 00-0110	EA		150 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	223.43 13.71	22.85
26 28 13 00-0111	EA		175 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	226.74 13.71	22.85
26 28 13 00-0112	EA		200 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	188.04 13.71	22.85
26 28 13 00-0113	EA		225 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	477.46 13.71	22.85
26 28 13 00-0114	EA		250 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	441.34 13.71	22.85
26 28 13 00-0115	EA		300 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	406.59 13.71	22.85
26 28 13 00-0116	EA		350 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	443.58 13.71	22.85
26 28 13 00-0117	EA		400 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	365.86 15.43	25.71
26 28 13 00-0118	EA		450 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	778.60 15.43	25.71
26 28 13 00-0119	EA		500 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	660.51 17.14	28.57
26 28 13 00-0120	EA		600 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	490.94 17.14	28.57
26 28 13 00-0121			600 Volt AC, 200 kAmp I.R., Class L Bolted Fuses (26 28 13)		
26 28 13 00-0122	EA		100 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,491.45 8.57	14.28
26 28 13 00-0123	EA		150 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,494.40 8.57	14.28
26 28 13 00-0124	EA		200 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,497.14 8.57	14.28
26 28 13 00-0125	EA		250 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,492.31 10.28	17.14
26 28 13 00-0126	EA		300 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,374.38 10.28	17.14
26 28 13 00-0127	EA		350 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,470.59 12.00	20.00
26 28 13 00-0128	EA		400 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,353.52 12.00	20.00
26 28 13 00-0129	EA		450 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,513.84 12.00	20.00
26 28 13 00-0130	EA		500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,484.31 12.00	20.00
26 28 13 00-0131	EA		600 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,320.21 13.71	22.85
26 28 13 00-0132	EA		601 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,355.74 13.71	22.85
26 28 13 00-0133	EA		650 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,802.35 13.71	22.85
26 28 13 00-0134	EA		700 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,313.77 13.71	22.85
26 28 13 00-0135	EA		750 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,017.22 15.43	25.71
26 28 13 00-0136	EA		800 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,162.10 15.43	25.71
26 28 13 00-0137	EA		900 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,696.77 15.43	25.71
26 28 13 00-0138	EA		1,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,142.56 15.43	25.71
26 28 13 00-0139	EA		1,200 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,176.55 15.43	25.71
26 28 13 00-0140	EA		1,350 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,614.85 15.43	25.71
26 28 13 00-0141	EA		1,400 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,578.12 15.43	25.71
26 28 13 00-0142	EA		1,500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,326.11 15.43	25.71
26 28 13 00-0143	EA		1,600 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,453.58 17.14	28.57
26 28 13 00-0144	EA		1,800 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,079.82 17.14	28.57
26 28 13 00-0145	EA		2,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,971.94 17.14	28.57
26 28 13 00-0146	EA		2,500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,665.49 17.14	28.57
26 28 13 00-0147	EA		2,501 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,540.22 17.14	28.57
26 28 13 00-0148	EA		3,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,971.45 18.86	31.42
26 28 13 00-0149	EA		3,500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,143.90 18.86	31.42
26 28 13 00-0150	EA		3,800 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,128.89 18.86	31.42
26 28 13 00-0151	EA		4,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,122.62 18.86	31.42

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 28 Low-Voltage Circuit Protective Devices



MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 28 13 00-0152	EA	5,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	6,505.57	31.42
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.86	
26 28 13 00-0153	EA	6,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	10,768.65	31.42
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.86	

26 28 16 Enclosed Switches and Circuit Breakers (26 28)

26 28 16 13 Enclosed Circuit Breakers (26 28 16)

26 28 16 13-0001 Branch Circuit Breakers (26 28 16 13)

Note: For installation in existing and new panelboards. Use task modifier for installation in new panelboards.

26 28 16 13-0002 Branch Circuit Breakers 10,000 Amperes Interrupting Capacity, Plug-On (26 28 16 13-0001)

Note: Includes connection of electrical wire.

26 28 16 13-0003	EA	1 Pole, 120/240 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity.....	55.75	20.57
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.71	
26 28 16 13-0004	EA	1 Pole, 120/240 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity.....	55.75	20.57
		<i>For Bolt-On, Add</i>	14.97	
		<i>For Installation In New Panelboard, Deduct</i>	-11.43	
		<i>Note: Also for use with new interiors in panelboards.</i>		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.71	
26 28 16 13-0005	EA	1 Pole, 120/240 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity.....	80.31	25.71
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.14	
26 28 16 13-0006	EA	1 Pole GFI, 15 To 30 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity.....	120.15	25.71
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.14	
26 28 16 13-0007	EA	1 Pole GFI, 35 To 60 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Protection Circuit Breaker, 10,000 Amperes Interrupting Capacity.....	165.71	25.71
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.14	
26 28 16 13-0008	EA	1 Pole GFI, 15 To 30 Amperes, 120/240 Volt, UL Listed 30mA Equipment Protection Circuit Breaker, 10,000 Amperes Interrupting Capacity.....	191.68	25.71
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.14	
26 28 16 13-0009	EA	1 Pole GFI, 15 To 20 Amperes, 120/240 Volt, "Arc Fault" Circuit Breaker, 10,000 Amperes Interrupting Capacity.....	95.05	25.71
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.14	
26 28 16 13-0010	EA	2 Pole, 15 To 30 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity.....	91.74	30.85
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.57	
26 28 16 13-0011	EA	2 Pole, 35 To 60 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity.....	91.74	30.85
		<i>For Bolt-On, Add</i>	23.47	
		<i>For Installation In New Panelboard, Deduct</i>	-17.14	
		<i>Note: Also for use with new interiors in panelboards.</i>		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.57	
26 28 16 13-0012	EA	2 Pole, 70 To 100 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity.....	137.76	41.14
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.42	
26 28 16 13-0013	EA	2 Pole, 110 To 125 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity.....	226.30	51.42
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.28	
26 28 16 13-0014	EA	2 Pole, 150 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity.....	266.29	57.13
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.71	
26 28 16 13-0015	EA	2 Pole GFI, 15 To 50 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity.....	224.59	36.57
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24.68	
26 28 16 13-0016	EA	2 Pole GFI, 15 To 50 Amperes, 120/240 Volt, UL Listed 30mA Equipment Protection Circuit Breaker, 10,000 Amperes Interrupting Capacity.....	299.11	36.57
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24.68	
26 28 16 13-0017	EA	3 Pole, 15 To 30 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity.....	172.53	41.14
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.42	
26 28 16 13-0018	EA	3 Pole, 35 To 60 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity.....	172.53	41.14
		<i>For Bolt-On, Add</i>	37.56	
		<i>For Installation In New Panelboard, Deduct</i>	-22.85	
		<i>Note: Also for use with new interiors in panelboards.</i>		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.42	
26 28 16 13-0019	EA	3 Pole, 70 To 100 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity.....	225.86	51.42
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.28	
26 28 16 13-0020	EA	3 Pole, 110 To 125 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity.....	339.83	61.70
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.13	
26 28 16 13-0021	EA	3 Pole, 150 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity.....	432.81	71.99
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.99	

26 28 16 13-0022 Branch Circuit Breakers 14,000 Amperes Interrupting Capacity, Plug-On (26 28 16 13-0001)

Note: Includes connection of electrical wire.

26 28 16 13-0023	EA	1 Pole, 277/480 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity.....	79.36	20.57
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.71	
26 28 16 13-0024	EA	1 Pole, 277/480 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity.....	79.36	20.57
		<i>For Bolt-On, Add</i>	17.92	
		<i>For Installation In New Panelboard, Deduct</i>	-11.43	
		<i>Note: Also for use with new interiors in panelboards.</i>		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.71	
26 28 16 13-0025	EA	1 Pole, 277/480 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity.....	140.65	25.71
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.14	
26 28 16 13-0026	EA	1 Pole GFI, 277/480 Volt, 15 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity.....	217.25	25.71
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.14	
26 28 16 13-0027	EA	2 Pole, 277/480 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity.....	153.88	30.85
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.57	
26 28 16 13-0028	EA	2 Pole, 277/480 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity.....	153.88	30.85
		<i>For Bolt-On, Add</i>	31.23	
		<i>For Installation In New Panelboard, Deduct</i>	-17.14	
		<i>Note: Also for use with new interiors in panelboards.</i>		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.57	
26 28 16 13-0029	EA	2 Pole, 277/480 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity.....	301.05	41.14
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.42	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0030	EA		2 Pole, 277/480 Volt, 110 To 125 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity 409.67 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 34.28		51.42
26 28 16 13-0031	EA		2 Pole, 277/480 Volt, 150 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity 600.05 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 37.71		57.13
26 28 16 13-0032	EA		3 Pole, 277/480 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity 244.63 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 27.42		41.14
26 28 16 13-0033	EA		3 Pole, 277/480 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity 244.63 <i>For Bolt-On, Add</i> 46.58 <i>For Installation In New Panelboard, Deduct</i> -22.85 <i>Note: Also for use with new interiors in panelboards.</i>		41.14
26 28 16 13-0034	EA		3 Pole, 277/480 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity 364.83 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 34.28		51.42
26 28 16 13-0035	EA		3 Pole, 277/480 Volt, 110 To 125 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity 517.85 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 41.13		61.70
26 28 16 13-0036	EA		3 Pole, 277/480 Volt, 150 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity 799.47 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 47.99		71.99
26 28 16 13-0037	EA		3 Pole, 277/480 Volt, 175 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity 921.98 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 51.42		77.13
26 28 16 13-0038	EA		3 Pole, 277/480 Volt, 200 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity 990.45 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 54.85		82.27
26 28 16 13-0039	EA		3 Pole, 277/480 Volt, 225 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity 1,171.01 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 58.28		87.41
26 28 16 13-0040			Branch Circuit Breakers 18,000 Amperes Interrupting Capacity, Plug-On ^(26 28) <small>^{16 13-0001}</small> <i>Note: Includes connection of electrical wire.</i>		
26 28 16 13-0041	EA		15 To 30 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity 94.87 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 13.71		20.57
26 28 16 13-0042	EA		35 To 60 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity 94.87 <i>For Bolt-On, Add</i> 19.86 <i>For Installation In New Panelboard, Deduct</i> -11.43 <i>Note: Also for use with new interiors in panelboards.</i>		20.57
26 28 16 13-0043	EA		70 To 100 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity 155.98 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 17.14		25.71
26 28 16 13-0044	EA		15 To 30 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity 194.32 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 20.57		30.85
26 28 16 13-0045	EA		35 To 60 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity 194.32 <i>For Bolt-On, Add</i> 36.29 <i>For Installation In New Panelboard, Deduct</i> -17.14 <i>Note: Also for use with new interiors in panelboards.</i>		30.85
26 28 16 13-0046	EA		70 To 100 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity 339.82 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 27.42		41.14
26 28 16 13-0047	EA		110 To 125 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity 866.74 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 34.28		51.42
26 28 16 13-0048	EA		15 To 30 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity 311.35 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 27.42		41.14
26 28 16 13-0049	EA		35 To 60 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity 311.35 <i>For Bolt-On, Add</i> 54.92 <i>For Installation In New Panelboard, Deduct</i> -22.85 <i>Note: Also for use with new interiors in panelboards.</i>		41.14
26 28 16 13-0050	EA		70 To 100 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity 413.39 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 34.28		51.42
26 28 16 13-0051	EA		110 To 125 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity 1,072.78 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 41.13		61.70
26 28 16 13-0052			Branch Circuit Breakers 22,000 Amperes Interrupting Capacity, Plug-On ^(26 28) <small>^{16 13-0001}</small> <i>Note: Includes connection of electrical wire.</i>		
26 28 16 13-0053	EA		15 To 30 Amperes, 1 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity 108.04 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 13.71		20.57
26 28 16 13-0054	EA		35 To 60 Amperes, 1 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity 108.04 <i>For Bolt-On, Add</i> 21.50 <i>For Installation In New Panelboard, Deduct</i> -11.43 <i>Note: Also for use with new interiors in panelboards.</i>		20.57
26 28 16 13-0055	EA		70 To 100 Amperes, 1 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity 127.47 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 17.14		25.71
26 28 16 13-0056	EA		15 To 30 Amperes, 1 Pole GFI, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity 215.49 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 17.14		25.71
26 28 16 13-0057	EA		15 To 30 Amperes, 2 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity 228.68 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 20.57		30.85
26 28 16 13-0058	EA		35 To 60 Amperes, 2 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity 228.68 <i>For Bolt-On, Add</i> 40.58 <i>For Installation In New Panelboard, Deduct</i> -17.14 <i>Note: Also for use with new interiors in panelboards.</i>		30.85
26 28 16 13-0059	EA		70 To 100 Amperes, 2 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity 277.55 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 27.42		41.14
26 28 16 13-0060	EA		110 To 125 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity 399.63 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 34.28		51.42
26 28 16 13-0061	EA		150 To 225 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity 516.28 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 37.71		57.13
26 28 16 13-0062	EA		250 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity 644.35 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 44.56		66.85

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR

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TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 28 16 13-0063	EA	300 To 400 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	695.51	77.13
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.42	
26 28 16 13-0064	EA	15 To 30 Amperes, 3 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	278.13	41.14
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.42	
26 28 16 13-0065	EA	35 To 60 Amperes, 3 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	278.13	41.14
		<i>For Bolt-On, Add</i>	50.76	
		<i>For Installation In New Panelboard, Deduct</i>	-22.85	
		<i>Note: Also for use with new interiors in panelboards.</i>		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.42	
26 28 16 13-0066	EA	70 To 100 Amperes, 3 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	326.43	51.42
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.28	
26 28 16 13-0067	EA	110 To 125 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	495.10	61.70
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.13	
26 28 16 13-0068	EA	150 To 225 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	649.75	79.99
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	53.13	
26 28 16 13-0069	EA	250 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	802.42	92.56
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.70	
26 28 16 13-0070	EA	300 To 400 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	853.31	98.27
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	65.13	

26 28 16 13-0071 Branch Circuit Breakers 25,000 Amperes Interrupting Capacity, Plug-On (26 28)

16 13-0001

Note: Includes connection of electrical wire.

26 28 16 13-0072	EA	15 To 30 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	237.27	30.85
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.57	
26 28 16 13-0073	EA	35 To 60 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	237.27	30.85
		<i>For Bolt-On, Add</i>	41.66	
		<i>For Installation In New Panelboard, Deduct</i>	-17.14	
		<i>Note: Also for use with new interiors in panelboards.</i>		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.57	
26 28 16 13-0074	EA	70 To 100 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	360.55	41.14
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.42	
26 28 16 13-0075	EA	110 To 125 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	585.12	51.42
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.28	
26 28 16 13-0076	EA	150 To 225 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	910.87	63.99
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.85	
26 28 16 13-0077	EA	250 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,032.28	66.85
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	44.56	
26 28 16 13-0078	EA	300 To 400 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,128.09	77.13
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.42	
26 28 16 13-0079	EA	15 To 30 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	340.86	41.14
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.42	
26 28 16 13-0080	EA	35 To 60 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	340.86	41.14
		<i>For Bolt-On, Add</i>	58.60	
		<i>For Installation In New Panelboard, Deduct</i>	-22.85	
		<i>Note: Also for use with new interiors in panelboards.</i>		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.42	
26 28 16 13-0081	EA	70 To 100 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	429.37	51.42
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.28	
26 28 16 13-0082	EA	110 To 125 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	727.80	61.70
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.13	
26 28 16 13-0083	EA	150 To 225 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,063.32	79.99
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	53.13	
26 28 16 13-0084	EA	250 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,255.95	92.56
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.70	
26 28 16 13-0085	EA	300 To 400 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,358.75	98.27
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	65.13	

26 28 16 13-0086 Branch Circuit Breakers 30,000 Amperes Interrupting Capacity, Plug-On (26 28)

16 13-0001

Note: Includes connection of electrical wire.

26 28 16 13-0087	EA	2 Pole, 240/480 Volt, 15-30 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	245.80	30.85
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.57	
26 28 16 13-0088	EA	2 Pole, 240/480 Volt, 35-60 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	245.80	30.85
		<i>For Bolt-On, Add</i>	42.72	
		<i>For Installation In New Panelboard, Deduct</i>	-17.14	
		<i>Note: Also for use with new interiors in panelboards.</i>		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.57	
26 28 16 13-0089	EA	2 Pole, 240/480 Volt, 70-100 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	439.33	41.14
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.42	
26 28 16 13-0090	EA	2 Pole, 240/480 Volt, 110-125 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	803.54	51.42
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.28	
26 28 16 13-0091	EA	2 Pole, 240/480 Volt, 150-225 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	1,271.91	63.99
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.85	
26 28 16 13-0092	EA	2 Pole, 240/480 Volt, 250 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	1,447.52	66.85
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	44.56	
26 28 16 13-0093	EA	2 Pole, 240/480 Volt, 300-400 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	1,576.19	77.13
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.42	
26 28 16 13-0094	EA	3 Pole, 240/480 Volt, 15-30 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	399.94	41.14
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.42	
26 28 16 13-0095	EA	3 Pole, 240/480 Volt, 35-60 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	399.94	41.14
		<i>For Bolt-On, Add</i>	65.99	
		<i>For Installation In New Panelboard, Deduct</i>	-22.85	
		<i>Note: Also for use with new interiors in panelboards.</i>		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.42	
26 28 16 13-0096	EA	3 Pole, 240/480 Volt, 70-100 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	531.77	51.42
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.28	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0097 EA 3 Pole, 240/480 Volt, 110-125 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity 977.37	41.13	61.70
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 28 16 13-0098 EA 3 Pole, 240/480 Volt, 150-225 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity 1,234.88	53.13	79.99
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 28 16 13-0099 EA 3 Pole, 240/480 Volt, 250 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity 1,968.91	61.70	92.56
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 28 16 13-0100 EA 3 Pole, 240/480 Volt, 300-400 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity 2,096.93	65.13	98.27
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 28 16 13-0101 Branch Circuit Breakers 35,000 Amperes Interrupting Capacity, Plug-On ^(26 28)		
<small>^{16 13-0001} Note: Includes connection of electrical wire.</small>		
26 28 16 13-0102 EA 1 Pole, 480 Volt, 15-30 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity 129.55	13.71	20.57
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 28 16 13-0103 EA 1 Pole, 480 Volt, 35-60 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity 129.55	24.19	20.57
<i>For Bolt-On, Add</i>		
<i>For Installation In New Panelboard, Deduct</i>		
<small>Note: Also for use with new interiors in panelboards.</small>		
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 28 16 13-0104 EA 1 Pole, 480 Volt, 70-100 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity 223.77	17.14	25.71
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 28 16 13-0105 EA 2 Pole, 480 Volt, 15-30 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity 280.74	20.57	30.85
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 28 16 13-0106 EA 2 Pole, 480 Volt, 35-60 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity 280.74	47.09	30.85
<i>For Bolt-On, Add</i>		
<i>For Installation In New Panelboard, Deduct</i>		
<small>Note: Also for use with new interiors in panelboards.</small>		
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 28 16 13-0107 EA 2 Pole, 480 Volt, 70-100 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity 511.63	27.42	41.14
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 28 16 13-0108 EA 2 Pole, 480 Volt, 110-125 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity 947.96	34.28	51.42
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 28 16 13-0109 EA 2 Pole, 480 Volt, 150-225 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity 1,842.34	42.85	63.99
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 28 16 13-0110 EA 3 Pole, 480 Volt, 15-30 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity 462.99	27.42	41.14
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 28 16 13-0111 EA 3 Pole, 480 Volt, 35-60 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity 462.99	73.87	41.14
<i>For Bolt-On, Add</i>		
<i>For Installation In New Panelboard, Deduct</i>		
<small>Note: Also for use with new interiors in panelboards.</small>		
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 28 16 13-0112 EA 3 Pole, 480 Volt, 70-100 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity 619.37	34.28	51.42
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 28 16 13-0113 EA 3 Pole, 480 Volt, 110-125 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity 1,167.74	41.13	61.70
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 28 16 13-0114 EA 3 Pole, 480 Volt, 150-225 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity 2,290.65	53.13	79.99
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 28 16 13-0115 Branch Circuit Breakers 42,000 Amperes Interrupting Capacity, Plug-On ^(26 28)		
<small>^{16 13-0001} Note: Includes connection of electrical wire.</small>		
26 28 16 13-0116 EA 15 To 30 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity 190.13	13.71	20.57
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 28 16 13-0117 EA 35 To 60 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity 190.13	31.77	20.57
<i>For Bolt-On, Add</i>		
<i>For Installation In New Panelboard, Deduct</i>		
<small>Note: Also for use with new interiors in panelboards.</small>		
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 28 16 13-0118 EA 70 To 100 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity 288.20	17.14	25.71
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 28 16 13-0119 EA 15 To 30 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity 350.83	20.57	30.85
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 28 16 13-0120 EA 35 To 60 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity 350.83	55.85	30.85
<i>For Bolt-On, Add</i>		
<i>For Installation In New Panelboard, Deduct</i>		
<small>Note: Also for use with new interiors in panelboards.</small>		
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 28 16 13-0121 EA 70 To 100 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity 662.52	27.42	41.14
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 28 16 13-0122 EA 110 To 125 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity 1,203.98	34.28	51.42
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 28 16 13-0123 EA 150 To 225 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity 2,403.57	37.71	57.13
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 28 16 13-0124 EA 15 To 30 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity 603.44	27.42	41.14
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 28 16 13-0125 EA 35 To 60 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity 603.44	91.43	41.14
<i>For Bolt-On, Add</i>		
<i>For Installation In New Panelboard, Deduct</i>		
<small>Note: Also for use with new interiors in panelboards.</small>		
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 28 16 13-0126 EA 70 To 100 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity 836.37	34.28	51.42
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 28 16 13-0127 EA 110 To 125 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity 1,358.11	41.13	61.70
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 28 16 13-0128 EA 150 To 225 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity 3,032.67	53.13	79.99
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0129			Branch Circuit Breakers 65,000 Amperes Interrupting Capacity, Plug-On ^(26 28 16 13-001) Note: Includes connection of electrical wire.		
26 28 16 13-0130	EA		15 To 30 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	85.56	20.57
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.71	
26 28 16 13-0131	EA		15 To 30 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	180.86	30.85
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.57	
26 28 16 13-0132	EA		15 To 30 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	287.03	41.14
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.42	
26 28 16 13-0133	EA		15 To 30 Amperes, 1 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	179.75	20.57
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.71	
26 28 16 13-0134	EA		35 To 60 Amperes, 1 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	179.75	20.57
			<i>For Bolt-On, Add</i>	30.47	
			<i>For Installation In New Panelboard, Deduct</i>	-11.43	
			Note: Also for use with new interiors in panelboards.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.71	
26 28 16 13-0135	EA		70 To 100 Amperes, 1 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	357.93	41.14
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.42	
26 28 16 13-0136	EA		15 To 30 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	408.57	30.85
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.57	
26 28 16 13-0137	EA		35 To 60 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	408.57	30.85
			<i>For Bolt-On, Add</i>	63.07	
			<i>For Installation In New Panelboard, Deduct</i>	-17.14	
			Note: Also for use with new interiors in panelboards.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.57	
26 28 16 13-0138	EA		70 To 100 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	792.64	41.14
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.42	
26 28 16 13-0139	EA		110 To 125 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	1,348.40	51.42
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.28	
26 28 16 13-0140	EA		150 To 225 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	2,976.22	63.99
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.85	
26 28 16 13-0141	EA		15 To 30 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	686.04	41.14
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.42	
26 28 16 13-0142	EA		35 To 60 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	686.04	41.14
			<i>For Bolt-On, Add</i>	101.75	
			<i>For Installation In New Panelboard, Deduct</i>	-22.85	
			Note: Also for use with new interiors in panelboards.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.42	
26 28 16 13-0143	EA		70 To 100 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	956.27	51.42
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.28	
26 28 16 13-0144	EA		110 To 125 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	1,463.14	61.70
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.13	
26 28 16 13-0145	EA		150 To 225 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	3,700.88	79.99
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	53.13	
26 28 16 16			Enclosed Switches ^(26 28 16)		
26 28 16 16-0001			Motor And Circuit Disconnects ^(26 28 16 16) Note: Work includes mounting, material handling, uploading at job site and termination of all conductors entering and leaving the disconnect.		
26 28 16 16-0002			NEMA 1 Enclosure, Neutral Kit, Safety Switches ^(26 28 16 16-0001)		
26 28 16 16-0003			Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches ^(26 28 16 16-0003) Note: Includes fuses and neutral bar.		
26 28 16 16-0004			240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches ^(26 28 16 16-0003)		
26 28 16 16-0005	EA		30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	428.59	114.27
26 28 16 16-0006	EA		60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	675.51	137.68
26 28 16 16-0007	EA		100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	929.74	161.11
26 28 16 16-0008	EA		200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,602.54	253.66
26 28 16 16-0009	EA		400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,414.54	394.20
26 28 16 16-0010	EA		600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,705.43	582.75
26 28 16 16-0011	EA		800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,788.36	685.58
26 28 16 16-0012	EA		1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	10,462.27	799.85
26 28 16 16-0013			600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches ^(26 28 16 16-0003)		
26 28 16 16-0014	EA		30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	654.42	126.95
26 28 16 16-0015	EA		60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	789.58	153.00
26 28 16 16-0016	EA		100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,258.64	178.82
26 28 16 16-0017	EA		200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,860.13	282.23
26 28 16 16-0018	EA		400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,066.97	437.86

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 28 16 16-0019	EA			600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,341.58	647.19
26 28 16 16-0020	EA			800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	9,386.71	761.34
26 28 16 16-0021	EA			1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	12,831.12	888.74
26 28 16 16-0022				240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0003)</small>		
26 28 16 16-0023	EA			30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	608.94	179.39
26 28 16 16-0024	EA			60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	898.51	238.24
26 28 16 16-0025	EA			100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,212.32	264.52
26 28 16 16-0026	EA			200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,917.93	414.20
26 28 16 16-0027	EA			400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,991.92	679.86
26 28 16 16-0028	EA			600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,499.75	952.38
26 28 16 16-0029				600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0003)</small>		
26 28 16 16-0030	EA			30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	797.25	198.24
26 28 16 16-0031	EA			60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,012.73	264.52
26 28 16 16-0032	EA			100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,496.25	297.66
26 28 16 16-0033	EA			200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,202.45	453.62
26 28 16 16-0034	EA			400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,917.40	732.43
26 28 16 16-0035	EA			600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,918.40	1,058.08
26 28 16 16-0036	EA			800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	12,618.76	1,256.90
26 28 16 16-0037	EA			1,200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	16,138.19	1,428.29
26 28 16 16-0038				240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0003)</small>		
26 28 16 16-0039	EA			30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	589.73	179.39
26 28 16 16-0040	EA			60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	873.68	238.24
26 28 16 16-0041	EA			100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,167.14	264.52
26 28 16 16-0042	EA			200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,980.06	414.20
26 28 16 16-0043	EA			400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,342.04	679.86
26 28 16 16-0044	EA			600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,026.49	952.38
26 28 16 16-0045	EA			800 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	11,646.14	1,199.76
26 28 16 16-0046	EA			1,200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	14,364.79	1,371.17
26 28 16 16-0047				600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0003)</small>		
26 28 16 16-0048	EA			30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	867.75	198.24
26 28 16 16-0049	EA			60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,099.37	264.52
26 28 16 16-0050	EA			100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,622.93	297.66
26 28 16 16-0051	EA			200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,392.09	453.62
26 28 16 16-0052	EA			400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,322.00	732.43
26 28 16 16-0053	EA			600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	8,632.96	1,058.08
26 28 16 16-0054	EA			800 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	13,805.11	1,256.90
26 28 16 16-0055	EA			1,200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	17,419.69	1,428.29
26 28 16 16-0056				Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0002)</small>		

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0057			240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0056)</small>		
26 28 16 16-0058	EA		30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	416.44	165.34
26 28 16 16-0059	EA		60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	647.61	230.01
26 28 16 16-0060	EA		100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	893.95	264.52
26 28 16 16-0061	EA		200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,400.22	423.23
26 28 16 16-0062	EA		400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	2,829.13	705.34
26 28 16 16-0063	EA		600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	4,631.02	961.88
26 28 16 16-0064	EA		800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	6,622.29	1,142.64
26 28 16 16-0065	EA		1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	8,749.42	1,333.57
26 28 16 16-0066			600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0056)</small>		
26 28 16 16-0067	EA		30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	459.98	182.48
26 28 16 16-0068	EA		60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	733.47	258.13
26 28 16 16-0069	EA		100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,010.54	293.89
26 28 16 16-0070	EA		200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,568.36	460.03
26 28 16 16-0071	EA		400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	3,043.98	755.74
26 28 16 16-0072	EA		600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	5,122.11	1,057.97
26 28 16 16-0073	EA		800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	7,347.49	1,142.64
26 28 16 16-0074	EA		1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	9,742.55	1,333.57
26 28 16 16-0075			240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0056)</small>		
26 28 16 16-0076	EA		30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	485.47	148.54
26 28 16 16-0077	EA		60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	743.64	206.81
26 28 16 16-0078	EA		100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,004.38	238.24
26 28 16 16-0079	EA		200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,577.81	381.07
26 28 16 16-0080	EA		400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	3,162.62	634.74
26 28 16 16-0081	EA		600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	5,102.84	865.55
26 28 16 16-0082	EA		800 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	8,794.35	1,028.37
26 28 16 16-0083	EA		1,200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	11,464.01	1,199.76
26 28 16 16-0084			480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0056)</small>		
26 28 16 16-0085	EA		30 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	529.59	163.96
26 28 16 16-0086	EA		60 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	817.66	232.53
26 28 16 16-0087	EA		100 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,095.02	264.52
26 28 16 16-0088	EA		200 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,702.34	414.20
26 28 16 16-0089	EA		400 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	3,388.50	679.86
26 28 16 16-0090	EA		600 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	5,516.79	952.38
26 28 16 16-0091	EA		800 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	9,274.12	1,028.37
26 28 16 16-0092			600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0056)</small>		
26 28 16 16-0093	EA		30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	565.36	164.19
26 28 16 16-0094	EA		60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	878.67	232.29

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 28 16 16-0095	EA		100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,194.23	264.52
	26 28 16 16-0096	EA		200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,855.16	413.98
	26 28 16 16-0097	EA		400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	3,602.26	680.09
	26 28 16 16-0098	EA		600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	6,149.45	952.16
	26 28 16 16-0099	EA		800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	9,996.36	1,028.37
	26 28 16 16-0100	EA		1,200 Amperes, 600 Volt Class, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	13,082.12	1,199.76
	26 28 16 16-0101			240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0056)</small>		
	26 28 16 16-0102	EA		30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	829.07	148.77
	26 28 16 16-0103	EA		60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,001.34	207.05
	26 28 16 16-0104	EA		100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,535.89	238.01
	26 28 16 16-0105	EA		200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	2,304.74	380.84
	26 28 16 16-0106			480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0056)</small>		
	26 28 16 16-0107	EA		30 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	897.83	163.96
	26 28 16 16-0108	EA		60 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,093.80	232.53
	26 28 16 16-0109	EA		100 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,664.50	264.52
	26 28 16 16-0110	EA		200 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	2,481.20	414.20
	26 28 16 16-0111			600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0056)</small>		
	26 28 16 16-0112	EA		30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	997.40	164.19
	26 28 16 16-0113	EA		60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,203.63	232.29
	26 28 16 16-0114	EA		100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,862.01	264.52
	26 28 16 16-0115	EA		200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	2,768.91	413.98
	26 28 16 16-0116			General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0002)</small>		
				Note: Includes fuses and neutral bar.		
	26 28 16 16-0117			240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0116)</small>		
	26 28 16 16-0118	EA		30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	297.22	99.41
	26 28 16 16-0119	EA		60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	405.27	119.63
	26 28 16 16-0120	EA		100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	623.82	139.86
	26 28 16 16-0121	EA		200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,155.05	220.65
	26 28 16 16-0122	EA		400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	2,748.90	342.22
	26 28 16 16-0123	EA		600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	5,142.04	506.53
	26 28 16 16-0124			240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0116)</small>		
	26 28 16 16-0125	EA		30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	410.55	156.20
	26 28 16 16-0126	EA		60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	579.66	207.05
	26 28 16 16-0127	EA		100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	804.10	230.01
	26 28 16 16-0128	EA		200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,435.01	360.04
	26 28 16 16-0129	EA		400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	3,249.91	591.43
	26 28 16 16-0130	EA		600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	5,790.12	827.95

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 28 16 16-0131		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0116)</small>			
26 28 16 16-0132	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	457.00		156.20
26 28 16 16-0133	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	654.56		207.05
26 28 16 16-0134	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	872.25		230.01
26 28 16 16-0135	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,606.73		360.04
26 28 16 16-0136	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,543.42		591.43
26 28 16 16-0137	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,976.17		827.95
26 28 16 16-0138		General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0002)</small>			
26 28 16 16-0139		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0138)</small>			
26 28 16 16-0140	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	406.10		138.25
26 28 16 16-0141	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	540.75		158.94
26 28 16 16-0142	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,222.25		254.01
26 28 16 16-0143	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,622.45		422.77
26 28 16 16-0144	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,541.21		576.12
26 28 16 16-0145		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0138)</small>			
26 28 16 16-0146	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	383.65		129.34
26 28 16 16-0147	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	525.65		179.96
26 28 16 16-0148	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	800.14		207.05
26 28 16 16-0149	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,377.39		331.25
26 28 16 16-0150	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,882.00		552.12
26 28 16 16-0151	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,896.19		752.54
26 28 16 16-0152		NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0001)</small>			
26 28 16 16-0153		Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0152)</small>			
		Note: With fuses, neutral bar, and hub if required.			
26 28 16 16-0154		240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0153)</small>			
26 28 16 16-0155	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	629.72		134.25
26 28 16 16-0156	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,002.21		161.11
26 28 16 16-0157	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,252.70		187.39
26 28 16 16-0158	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,833.57		285.66
26 28 16 16-0159	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,053.01		457.05
26 28 16 16-0160	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,104.97		609.60
26 28 16 16-0161	EA	800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	10,654.43		685.58
26 28 16 16-0162	EA	1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	14,119.07		799.85
26 28 16 16-0163		600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0153)</small>			
26 28 16 16-0164	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,084.21		178.94
26 28 16 16-0165	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,291.01		219.38
26 28 16 16-0166	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,832.90		251.95

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 28 16 16-0167	EA		200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,582.24	377.87
26 28 16 16-0168	EA		400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	5,621.06	618.28
26 28 16 16-0169	EA		600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	10,339.41	850.23
26 28 16 16-0170	EA		800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	15,203.79	979.01
26 28 16 16-0171	EA		1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	16,748.28	1,102.07
26 28 16 16-0172			240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches ⁽²⁶⁾ <small>28 16 16-0153</small>		
26 28 16 16-0173	EA		30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	802.98	211.39
26 28 16 16-0174	EA		60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,275.03	279.95
26 28 16 16-0175	EA		100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,537.00	307.37
26 28 16 16-0176	EA		200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,278.83	475.91
26 28 16 16-0177	EA		400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	4,930.19	793.56
26 28 16 16-0178	EA		600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	8,226.35	1,058.08
26 28 16 16-0179			600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches ⁽²⁶⁾ <small>28 16 16-0153</small>		
26 28 16 16-0180	EA		30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,229.65	250.58
26 28 16 16-0181	EA		60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,467.07	307.14
26 28 16 16-0182	EA		100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,964.66	352.62
26 28 16 16-0183	EA		200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,853.84	529.04
26 28 16 16-0184	EA		400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	6,011.92	865.66
26 28 16 16-0185	EA		600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	10,862.71	1,190.28
26 28 16 16-0186	EA		800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	15,379.83	1,371.17
26 28 16 16-0187	EA		1,200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	18,411.20	1,542.56
26 28 16 16-0188			240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches ⁽²⁶⁾ <small>28 16 16-0153</small>		
26 28 16 16-0189	EA		30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	881.76	211.39
26 28 16 16-0190	EA		60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,277.31	279.95
26 28 16 16-0191	EA		100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,647.76	307.37
26 28 16 16-0192	EA		200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,352.71	475.91
26 28 16 16-0193	EA		400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	4,997.96	793.56
26 28 16 16-0194	EA		600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	8,971.79	1,058.08
26 28 16 16-0195	EA		800 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	14,979.80	1,199.76
26 28 16 16-0196	EA		1,200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	18,673.78	1,371.17
26 28 16 16-0197			600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches ⁽²⁶⁾ <small>28 16 16-0153</small>		
26 28 16 16-0198	EA		30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,274.85	250.81
26 28 16 16-0199	EA		60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,517.89	307.37
26 28 16 16-0200	EA		100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,077.61	352.51
26 28 16 16-0201	EA		200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,927.25	529.04
26 28 16 16-0202	EA		400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	6,277.34	865.55
26 28 16 16-0203	EA		600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	11,167.66	1,190.05
26 28 16 16-0204	EA		800 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	16,340.09	1,371.17

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0205	EA		1,200 Amperes, 600 Volt Class, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	19,676.94	1,542.56
26 28 16 16-0206			Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0152)</small>		
26 28 16 16-0207			240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0206)</small>		
26 28 16 16-0208	EA		30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	597.96	117.58
26 28 16 16-0209	EA		60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	976.77	162.82
26 28 16 16-0210	EA		100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,284.67	186.71
26 28 16 16-0211	EA		200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,708.49	302.34
26 28 16 16-0212	EA		400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	3,806.30	504.36
26 28 16 16-0213	EA		600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	6,944.87	672.44
26 28 16 16-0214	EA		800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	11,177.46	800.19
26 28 16 16-0215	EA		1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	14,757.87	914.45
26 28 16 16-0216			600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0206)</small>		
26 28 16 16-0217	EA		30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	673.28	129.57
26 28 16 16-0218	EA		60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,106.98	181.34
26 28 16 16-0219	EA		100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,450.71	204.76
26 28 16 16-0220	EA		200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,896.44	317.42
26 28 16 16-0221	EA		400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	4,320.44	529.04
26 28 16 16-0222	EA		600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	7,498.44	705.34
26 28 16 16-0223	EA		800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	11,920.68	838.24
26 28 16 16-0224	EA		1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	15,733.60	952.16
26 28 16 16-0225			240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0206)</small>		
26 28 16 16-0226	EA		30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	715.52	176.31
26 28 16 16-0227	EA		60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,139.54	244.18
26 28 16 16-0228	EA		100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,471.37	280.06
26 28 16 16-0229	EA		200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,010.78	453.51
26 28 16 16-0230	EA		400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	4,367.38	756.42
26 28 16 16-0231	EA		600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	7,728.42	1,008.37
26 28 16 16-0232	EA		800 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	12,101.73	1,199.76
26 28 16 16-0233	EA		1,200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	16,025.36	1,371.17
26 28 16 16-0234			480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0206)</small>		
26 28 16 16-0235	EA		30 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	777.42	194.25
26 28 16 16-0236	EA		60 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,241.88	272.06
26 28 16 16-0237	EA		100 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,590.67	307.14
26 28 16 16-0238	EA		200 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,134.96	476.14
26 28 16 16-0239	EA		400 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	4,645.22	793.45
26 28 16 16-0240	EA		600 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	8,234.98	1,057.97
26 28 16 16-0241	EA		800 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	12,908.79	1,256.90
26 28 16 16-0242	EA		1,200 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	17,086.53	1,428.29

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST

26 28 16 16-0243				600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0206)</small>		
26 28 16 16-0244	EA			30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	418.05	194.25
26 28 16 16-0245	EA			60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,288.36	272.06
26 28 16 16-0246	EA			100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,655.48	307.14
26 28 16 16-0247	EA			200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,213.83	476.14
26 28 16 16-0248	EA			400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,849.44	793.45
26 28 16 16-0249	EA			600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	8,203.77	1,057.97
26 28 16 16-0250	EA			800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	12,891.31	1,256.90
26 28 16 16-0251	EA			1,200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	17,062.74	1,428.29
26 28 16 16-0252				General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0152)</small>		
				Note: With fuses, neutral bar, and hub if required.		
26 28 16 16-0253				240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0252)</small>		
26 28 16 16-0254	EA			30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	384.69	116.77
26 28 16 16-0255	EA			60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	543.16	140.09
26 28 16 16-0256	EA			100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	714.67	162.94
26 28 16 16-0257	EA			200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,466.90	248.41
26 28 16 16-0258	EA			400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	3,591.34	397.41
26 28 16 16-0259	EA			600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	6,368.29	530.18
26 28 16 16-0260				240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0252)</small>		
26 28 16 16-0261	EA			30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	519.76	184.08
26 28 16 16-0262	EA			60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	750.42	243.49
26 28 16 16-0263	EA			100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	922.62	267.15
26 28 16 16-0264	EA			200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,799.08	413.98
26 28 16 16-0265	EA			400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,178.56	689.93
26 28 16 16-0266	EA			600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,157.18	920.28
26 28 16 16-0267				240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0252)</small>		
26 28 16 16-0268	EA			30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	584.88	183.96
26 28 16 16-0269	EA			60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	815.73	243.49
26 28 16 16-0270	EA			100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,132.86	267.15
26 28 16 16-0271	EA			200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,934.86	413.98
26 28 16 16-0272	EA			400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,265.77	690.04
26 28 16 16-0273	EA			600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,838.00	920.28
26 28 16 16-0274	EA			800 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	11,205.00	1,042.54
26 28 16 16-0275				General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0152)</small>		
26 28 16 16-0276				240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0275)</small>		
26 28 16 16-0277	EA			30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	347.18	102.27
26 28 16 16-0278	EA			60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	568.56	141.57

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 28 16 16-0279	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	597.43		162.37
26 28 16 16-0280	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,496.37		262.81
26 28 16 16-0281	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	3,674.34		438.55
26 28 16 16-0282	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	6,480.34		584.69
26 28 16 16-0283		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0275)</small>			
26 28 16 16-0284	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	543.52		153.34
26 28 16 16-0285	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	782.56		212.30
26 28 16 16-0286	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,146.82		243.49
26 28 16 16-0287	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,971.74		394.32
26 28 16 16-0288		NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0001)</small>			
26 28 16 16-0289		Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0288)</small> Note: With fuses and neutral bar (stainless steel).			
26 28 16 16-0290		240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0289)</small>			
26 28 16 16-0291	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	1,676.13		114.27
26 28 16 16-0292	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	2,013.46		137.68
26 28 16 16-0293	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	4,109.71		160.89
26 28 16 16-0294	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	5,683.70		253.90
26 28 16 16-0295	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	11,556.90		393.98
26 28 16 16-0296	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	16,611.89		582.52
26 28 16 16-0297		600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0289)</small>			
26 28 16 16-0298	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	2,127.36		126.95
26 28 16 16-0299	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	2,365.52		152.89
26 28 16 16-0300	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	4,443.34		178.71
26 28 16 16-0301	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	6,279.22		282.23
26 28 16 16-0302	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	12,001.44		438.09
26 28 16 16-0303	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	17,208.03		647.19
26 28 16 16-0304		240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0289)</small>			
26 28 16 16-0305	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	1,882.66		179.62
26 28 16 16-0306	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	2,359.47		238.01
26 28 16 16-0307	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	4,504.32		264.52
26 28 16 16-0308	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	6,402.39		413.98
26 28 16 16-0309	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	12,485.47		680.09
26 28 16 16-0310	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	17,818.10		952.16
26 28 16 16-0311		600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0289)</small>			
26 28 16 16-0312	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	2,276.03		198.37
26 28 16 16-0313	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	2,595.09		264.52
26 28 16 16-0314	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	4,693.68		297.54
26 28 16 16-0315	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	6,639.36		453.39

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0316	EA		400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	12,893.79	732.43
26 28 16 16-0317	EA		600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	18,347.06	1,057.97
26 28 16 16-0318			240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0289)</small>		
26 28 16 16-0319	EA		30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,251.00	179.62
26 28 16 16-0320	EA		60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,819.95	238.01
26 28 16 16-0321	EA		100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,425.73	264.52
26 28 16 16-0322	EA		200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,662.38	413.98
26 28 16 16-0323	EA		400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	14,965.29	680.09
26 28 16 16-0324	EA		600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	21,225.97	952.16
26 28 16 16-0325			600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0289)</small>		
26 28 16 16-0326	EA		30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,711.28	198.37
26 28 16 16-0327	EA		60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,088.65	264.52
26 28 16 16-0328	EA		100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,634.21	297.54
26 28 16 16-0329	EA		200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,909.88	453.39
26 28 16 16-0330	EA		400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	15,407.06	732.43
26 28 16 16-0331	EA		600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	21,801.39	1,057.97
26 28 16 16-0332			Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0288)</small>		
26 28 16 16-0333			240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0332)</small>		
26 28 16 16-0334	EA		30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,608.16	114.27
26 28 16 16-0335	EA		60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,957.23	158.94
26 28 16 16-0336	EA		100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,685.47	182.82
26 28 16 16-0337	EA		200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,113.05	292.05
26 28 16 16-0338	EA		400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	9,309.06	486.31
26 28 16 16-0339	EA		600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	13,333.16	662.50
26 28 16 16-0340			600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0332)</small>		
26 28 16 16-0341	EA		30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,828.89	126.04
26 28 16 16-0342	EA		60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,229.85	178.25
26 28 16 16-0343	EA		100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,200.34	203.16
26 28 16 16-0344	EA		200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,810.80	317.42
26 28 16 16-0345	EA		400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	10,572.20	522.41
26 28 16 16-0346	EA		600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	15,186.34	731.28
26 28 16 16-0347			240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0332)</small>		
26 28 16 16-0348	EA		30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,677.19	148.77
26 28 16 16-0349	EA		60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,027.19	207.05
26 28 16 16-0350	EA		100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,115.36	238.01
26 28 16 16-0351	EA		200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,081.56	380.84

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 28 16 16-0352	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,798.48		634.85
26 28 16 16-0353	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	14,134.91		865.66
26 28 16 16-0354		600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0332)</small>			
26 28 16 16-0355	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,905.06		164.19
26 28 16 16-0356	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,337.93		232.29
26 28 16 16-0357	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,323.06		264.52
26 28 16 16-0358	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,003.86		413.98
26 28 16 16-0359	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	11,988.86		680.09
26 28 16 16-0360	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	16,079.98		952.16
26 28 16 16-0361		240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0332)</small>			
26 28 16 16-0362	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,306.92		148.77
26 28 16 16-0363	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,765.82		207.05
26 28 16 16-0364	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,226.58		238.01
26 28 16 16-0365	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	9,498.38		380.84
26 28 16 16-0366		600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0332)</small>			
26 28 16 16-0367	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,624.75		164.19
26 28 16 16-0368	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,152.28		232.29
26 28 16 16-0369	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,100.97		264.52
26 28 16 16-0370	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	10,812.71		413.98
26 28 16 16-0371		Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0288)</small>			
26 28 16 16-0372		600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0371)</small>			
26 28 16 16-0373	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,052.34		198.24
26 28 16 16-0374	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,478.83		264.52
26 28 16 16-0375	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,255.18		297.66
26 28 16 16-0376	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	8,141.15		453.62
26 28 16 16-0377		600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0371)</small>			
26 28 16 16-0378	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,858.54		163.96
26 28 16 16-0379	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,276.51		232.53
26 28 16 16-0380	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,913.44		264.52
26 28 16 16-0381	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	8,037.46		414.20
26 28 16 16-0382		Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0288)</small>			
26 28 16 16-0383		600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0382)</small>			
26 28 16 16-0384	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,490.60		198.24
26 28 16 16-0385	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,969.23		264.52
26 28 16 16-0386	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,182.59		297.66

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 28 16 16-0387			600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0382)</small>		
26 28 16 16-0388	EA		30 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,273.21	163.96
26 28 16 16-0389	EA		60 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,740.84	232.53
26 28 16 16-0390	EA		100 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,803.60	264.52
26 28 16 16-0391			NEMA 7 Or 9 Enclosures, Neutral Kit, Safety Switches <small>(26 28 16 16-0001)</small>		
Note: Class 1, groups C and D, division 1 or 2, NEMA 7; Class 2, groups E, F and G, division 1 or 2, NEMA 9; or Class 3, division 1 Or 2, NEMA 9, hazardous locations as defined in NEC article 500.					
26 28 16 16-0392			Heavy Duty Fusible, NEMA 7 Or 9 Enclosures, Neutral Kit, Safety Switches <small>(26 28 16 16-0391)</small>		
Note: With fuses and neutral bar.					
26 28 16 16-0393	EA		30 Amperes, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	2,759.82	228.53
26 28 16 16-0394	EA		60 Amperes, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	3,116.22	272.06
26 28 16 16-0395	EA		100 Amperes, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	3,455.75	307.14
26 28 16 16-0396	EA		200 Amperes, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	7,335.31	476.14
26 28 16 16-0397			Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0391)</small>		
26 28 16 16-0398	EA		60 Amperes, 240 Volt, 3 Phase, Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	2,142.46	272.06
26 28 16 16-0399	EA		100 Amperes, 240 Volt, 3 Phase, Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	2,507.41	307.14
26 28 16 16-0400	EA		200 Amperes, 240 Volt, 3 Phase, Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	4,610.72	476.14
26 28 16 16-0401			NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0001)</small>		
26 28 16 16-0402			Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0401)</small>		
Note: With fuses and neutral bar.					
26 28 16 16-0403			240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0402)</small>		
26 28 16 16-0404	EA		30 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	610.85	114.27
26 28 16 16-0405	EA		60 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	797.85	137.68
26 28 16 16-0406	EA		100 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,089.03	161.11
26 28 16 16-0407	EA		200 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,837.05	253.66
26 28 16 16-0408	EA		400 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,922.27	394.20
26 28 16 16-0409	EA		600 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	7,083.35	582.75
26 28 16 16-0410			600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0402)</small>		
26 28 16 16-0411	EA		30 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	959.84	126.84
26 28 16 16-0412	EA		60 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	989.37	153.11
26 28 16 16-0413	EA		100 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,425.67	178.82
26 28 16 16-0414	EA		200 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,230.48	282.23
26 28 16 16-0415	EA		400 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,868.88	437.63
26 28 16 16-0416	EA		600 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	9,634.47	647.31
26 28 16 16-0417			240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0402)</small>		
26 28 16 16-0418	EA		30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	848.68	179.39
26 28 16 16-0419	EA		60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,175.76	238.24
26 28 16 16-0420	EA		100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,605.87	264.52
26 28 16 16-0421	EA		200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,386.59	414.20
26 28 16 16-0422	EA		400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,686.52	679.86
26 28 16 16-0423	EA		600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	7,525.75	952.38

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0424			600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0402)</small>		
26 28 16 16-0425	EA		30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,130.91	198.24
26 28 16 16-0426	EA		60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,280.09	264.52
26 28 16 16-0427	EA		100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,888.35	297.66
26 28 16 16-0428	EA		200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,747.88	453.62
26 28 16 16-0429	EA		400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,762.49	732.43
26 28 16 16-0430	EA		600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	10,846.70	1,058.08
26 28 16 16-0431			240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0402)</small>		
26 28 16 16-0432	EA		30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	907.12	179.39
26 28 16 16-0433	EA		60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,215.90	238.24
26 28 16 16-0434	EA		100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,731.87	264.52
26 28 16 16-0435	EA		200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,544.79	414.20
26 28 16 16-0436	EA		400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,110.09	679.86
26 28 16 16-0437	EA		600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	7,811.90	952.38
26 28 16 16-0438			600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0402)</small>		
26 28 16 16-0439	EA		30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,198.66	198.24
26 28 16 16-0440	EA		60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,460.81	264.52
26 28 16 16-0441	EA		100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,012.61	297.66
26 28 16 16-0442	EA		200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,985.06	453.62
26 28 16 16-0443	EA		400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	6,146.50	732.43
26 28 16 16-0444	EA		600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	11,162.94	1,058.08
26 28 16 16-0445			Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0401)</small>		
26 28 16 16-0446			240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0445)</small>		
26 28 16 16-0447	EA		30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	639.29	165.11
26 28 16 16-0448	EA		60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	847.60	230.24
26 28 16 16-0449	EA		100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,124.56	264.52
26 28 16 16-0450	EA		200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,603.10	423.34
26 28 16 16-0451	EA		400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,529.50	705.57
26 28 16 16-0452	EA		600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,591.72	962.10
26 28 16 16-0453			600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0445)</small>		
26 28 16 16-0454	EA		30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	712.60	182.25
26 28 16 16-0455	EA		60 Amperes, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 Volt, 1 Phase	942.01	258.24
26 28 16 16-0456	EA		100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,253.38	293.66
26 28 16 16-0457	EA		200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,741.80	459.91
26 28 16 16-0458	EA		400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,737.02	755.85
26 28 16 16-0459	EA		600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	6,178.15	1,058.08
26 28 16 16-0460			240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0445)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0461 EA 30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	823.26	148.54
26 28 16 16-0462 EA 60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,082.61	206.81
26 28 16 16-0463 EA 100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,443.29	238.24
26 28 16 16-0464 EA 200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	2,058.16	381.07
26 28 16 16-0465 EA 400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	4,343.44	634.74
26 28 16 16-0466 EA 600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	6,860.72	865.55
26 28 16 16-0467 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0445)</small>		
26 28 16 16-0468 EA 30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	804.98	163.96
26 28 16 16-0469 EA 60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,170.41	232.53
26 28 16 16-0470 EA 100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,545.51	264.52
26 28 16 16-0471 EA 200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	2,030.87	414.20
26 28 16 16-0472 EA 400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	4,359.00	679.86
26 28 16 16-0473 EA 600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	8,172.90	952.38
26 28 16 16-0474 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0445)</small>		
26 28 16 16-0475 EA 30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	990.44	148.54
26 28 16 16-0476 EA 60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,177.69	206.81
26 28 16 16-0477 EA 100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,832.78	238.24
26 28 16 16-0478 EA 200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	2,906.15	381.07
26 28 16 16-0479 EA 400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	5,266.41	485.62
26 28 16 16-0480 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0445)</small>		
26 28 16 16-0481 EA 30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,028.61	163.96
26 28 16 16-0482 EA 60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,283.35	232.53
26 28 16 16-0483 EA 100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,957.77	264.52
26 28 16 16-0484 EA 200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	2,985.26	414.20
26 28 16 16-0485 EA 400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	5,596.90	639.88
26 28 16 16-0486 Double Throw Safety Switches <small>(26 28 16 16-0001)</small>		
26 28 16 16-0487 NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0486)</small>		
26 28 16 16-0488 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0487)</small>		
26 28 16 16-0489 EA 30 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	766.71	146.82
26 28 16 16-0490 EA 60 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,133.09	191.96
26 28 16 16-0491 EA 100 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,589.68	250.81
26 28 16 16-0492 EA 200 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,119.98	326.22
26 28 16 16-0493 EA 400 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	5,122.34	407.92
26 28 16 16-0494 EA 600 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	9,320.72	654.15
26 28 16 16-0495 EA 800 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	11,689.30	914.10
26 28 16 16-0496 EA 1,000 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	15,758.94	1,028.37
26 28 16 16-0497 EA 1,200 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	18,569.88	1,142.64
26 28 16 16-0498 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0487)</small>		
26 28 16 16-0499 EA 30 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	967.11	205.67
26 28 16 16-0500 EA 60 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,350.33	268.52
26 28 16 16-0501 EA 100 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,033.62	351.36
26 28 16 16-0502 EA 200 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,987.36	457.05
26 28 16 16-0503 EA 400 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	7,058.35	571.32
26 28 16 16-0504 EA 600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	9,847.06	914.10
26 28 16 16-0505 EA 800 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	11,528.05	1,028.37

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 28 16 16-0506	EA	1,000 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	16,494.43	1,142.64
26 28 16 16-0507	EA	1,200 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	19,557.65	1,256.90
26 28 16 16-0508	EA	1,600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	22,653.10	1,485.42
26 28 16 16-0509	EA	2,000 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	25,782.65	1,713.95
26 28 16 16-0510	EA	2,600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	35,116.32	1,942.48
26 28 16 16-0511	EA	3,000 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	38,570.01	2,171.01
26 28 16 16-0512 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches (26 28 16 16-0487)				
26 28 16 16-0513	EA	30 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,285.33	257.09
26 28 16 16-0514	EA	60 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,870.71	335.94
26 28 16 16-0515	EA	100 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,322.89	438.77
26 28 16 16-0516	EA	200 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	4,552.35	570.18
26 28 16 16-0517	EA	400 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	9,182.97	714.14
26 28 16 16-0518	EA	600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	11,613.65	1,144.35
26 28 16 16-0519	EA	800 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	14,702.24	1,256.90
26 28 16 16-0520	EA	1,000 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	19,564.78	1,314.03
26 28 16 16-0521	EA	1,200 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	21,947.28	1,371.17
26 28 16 16-0522	EA	1,600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	26,789.50	1,599.69
26 28 16 16-0523	EA	2,000 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	30,825.75	1,828.22
26 28 16 16-0524	EA	2,600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	43,797.57	2,056.74
26 28 16 16-0525	EA	3,000 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	48,425.46	2,285.27
26 28 16 16-0526 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches (26 28 16 16-0487)				
26 28 16 16-0527	EA	60 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,309.23	191.96
26 28 16 16-0528	EA	100 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,969.45	250.81
26 28 16 16-0529	EA	200 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,903.92	326.22
26 28 16 16-0530	EA	400 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	6,855.45	407.92
26 28 16 16-0531	EA	600 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	10,132.24	654.15
26 28 16 16-0532	EA	800 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	11,575.45	914.10
26 28 16 16-0533	EA	1,000 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	17,129.15	1,028.37
26 28 16 16-0534	EA	1,200 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	20,198.34	1,142.64
26 28 16 16-0535 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches (26 28 16 16-0487)				
26 28 16 16-0536	EA	60 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,462.17	268.52
26 28 16 16-0537	EA	100 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,169.96	351.36
26 28 16 16-0538	EA	200 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,164.49	457.05
26 28 16 16-0539	EA	400 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	7,181.99	571.32
26 28 16 16-0540	EA	600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	10,653.76	914.10
26 28 16 16-0541	EA	800 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	12,475.18	1,028.37
26 28 16 16-0542	EA	1,000 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	17,171.05	1,142.64
26 28 16 16-0543	EA	1,200 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	21,262.05	1,256.90
26 28 16 16-0544	EA	1,600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	25,703.85	1,485.42
26 28 16 16-0545	EA	2,000 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	29,247.63	1,713.95
26 28 16 16-0546	EA	2,600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	35,116.27	1,942.48
26 28 16 16-0547	EA	3,000 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	41,992.81	2,171.01
26 28 16 16-0548 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches (26 28 16 16-0487)				
26 28 16 16-0549	EA	60 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,980.93	335.94
26 28 16 16-0550	EA	100 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,482.39	438.77
26 28 16 16-0551	EA	200 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	4,881.70	570.18
26 28 16 16-0552	EA	400 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	9,885.14	714.14
26 28 16 16-0553	EA	600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	12,400.11	1,144.35
26 28 16 16-0554	EA	800 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	15,921.08	1,256.90
26 28 16 16-0555	EA	1,000 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	21,258.45	1,314.03
26 28 16 16-0556	EA	1,200 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	23,867.77	1,371.17

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0557 EA 1,600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	29,148.51	1,599.69
26 28 16 16-0558 EA 2,000 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	33,542.68	1,828.22
26 28 16 16-0559 EA 2,600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	47,765.99	2,056.74
26 28 16 16-0560 EA 3,000 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	52,810.95	2,285.27
26 28 16 16-0561 NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches (26 28 16 16-0486)		
26 28 16 16-0562 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches (26 28 16 16-0561)		
26 28 16 16-0563 EA 100 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	1,988.98	250.81
26 28 16 16-0564 EA 200 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	4,570.84	326.22
26 28 16 16-0565 EA 400 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	14,995.30	407.92
26 28 16 16-0566 EA 600 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	25,828.44	654.15
26 28 16 16-0567 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches (26 28 16 16-0561)		
26 28 16 16-0568 EA 100 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	2,606.21	350.79
26 28 16 16-0569 EA 200 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	4,211.80	456.48
26 28 16 16-0570 EA 400 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	15,455.44	571.32
26 28 16 16-0571 EA 600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	16,785.45	915.82
26 28 16 16-0572 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches (26 28 16 16-0561)		
26 28 16 16-0573 EA 30 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	2,514.91	257.20
26 28 16 16-0574 EA 60 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	3,117.99	335.71
26 28 16 16-0575 EA 100 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	4,373.45	438.66
26 28 16 16-0576 EA 200 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	6,326.84	570.41
26 28 16 16-0577 EA 400 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	10,752.24	714.14
26 28 16 16-0578 EA 600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	12,531.60	1,144.46
26 28 16 16-0579 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches (26 28 16 16-0561)		
26 28 16 16-0580 EA 60 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	1,687.66	191.96
26 28 16 16-0581 EA 100 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	2,570.24	250.81
26 28 16 16-0582 EA 200 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	4,683.68	326.22
26 28 16 16-0583 EA 400 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	9,020.21	407.92
26 28 16 16-0584 EA 600 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	12,050.30	654.15
26 28 16 16-0585 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches (26 28 16 16-0561)		
26 28 16 16-0586 EA 60 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	1,909.98	268.52
26 28 16 16-0587 EA 100 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	2,879.87	350.79
26 28 16 16-0588 EA 200 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	5,156.37	456.48
26 28 16 16-0589 EA 400 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	9,778.59	571.32
26 28 16 16-0590 EA 600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	13,136.47	915.82
26 28 16 16-0591 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches (26 28 16 16-0561)		
26 28 16 16-0592 EA 60 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	3,143.53	335.71
26 28 16 16-0593 EA 100 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	4,385.16	438.66
26 28 16 16-0594 EA 200 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	6,489.44	570.41
26 28 16 16-0595 EA 400 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	10,733.04	714.14
26 28 16 16-0596 EA 600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	12,637.43	1,144.46
26 28 16 16-0597 NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches (26 28 16 16-0486)		
26 28 16 16-0598 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches (26 28 16 16-0597)		
26 28 16 16-0599 EA 30 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch.....	2,014.80	146.94
26 28 16 16-0600 EA 60 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch.....	2,281.31	191.85
26 28 16 16-0601 EA 100 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch.....	2,580.12	250.70
26 28 16 16-0602 EA 200 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch.....	3,547.63	325.99
26 28 16 16-0603 EA 400 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch.....	6,636.02	408.04
26 28 16 16-0604 EA 600 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch.....	9,729.70	653.93
26 28 16 16-0605 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches (26 28 16 16-0597)		
26 28 16 16-0606 EA 30 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch.....	2,313.95	205.67
26 28 16 16-0607 EA 60 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch.....	2,736.07	268.52
26 28 16 16-0608 EA 100 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch.....	3,245.75	350.79
26 28 16 16-0609 EA 200 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch.....	4,526.52	456.48

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 28 Low-Voltage Circuit Protective Devices

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0610	EA		400 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	8,259.92	571.32
26 28 16 16-0611	EA		600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch ...	10,908.77	915.82
26 28 16 16-0612			240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0597)</small>		
26 28 16 16-0613	EA		30 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,459.02	257.20
26 28 16 16-0614	EA		60 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,045.78	335.71
26 28 16 16-0615	EA		100 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	5,547.69	438.66
26 28 16 16-0616	EA		200 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	7,537.13	570.41
26 28 16 16-0617	EA		400 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch ...	13,965.27	714.14
26 28 16 16-0618	EA		600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch ...	17,342.25	1,144.64
26 28 16 16-0619			600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0597)</small>		
26 28 16 16-0620	EA		60 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,011.92	191.85
26 28 16 16-0621	EA		100 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,165.39	250.70
26 28 16 16-0622	EA		200 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	6,006.86	325.99
26 28 16 16-0623	EA		400 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	8,410.62	408.04
26 28 16 16-0624	EA		600 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch ...	11,638.41	653.93
26 28 16 16-0625			600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0597)</small>		
26 28 16 16-0626	EA		60 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,303.69	268.52
26 28 16 16-0627	EA		100 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,506.24	350.79
26 28 16 16-0628	EA		200 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	6,548.98	456.48
26 28 16 16-0629	EA		400 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	9,410.26	571.32
26 28 16 16-0630	EA		600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch ...	12,702.46	915.82
26 28 16 16-0631			600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0597)</small>		
26 28 16 16-0632	EA		60 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,087.40	335.71
26 28 16 16-0633	EA		100 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	5,854.73	438.66
26 28 16 16-0634	EA		200 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	7,718.10	570.41
26 28 16 16-0635	EA		400 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch ...	14,354.81	714.14
26 28 16 16-0636	EA		600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch ...	17,858.57	1,144.64
26 28 16 16-0637			Removal And Reinstallation Of Disconnect Switches <small>(26 28 16 16-0001)</small>		
			Note: Includes storage and cleaning.		
26 28 16 16-0638	EA		Removal And Reinstallation Of Up To 100 Amperes Safety Disconnect Switch	571.32	
26 28 16 16-0639	EA		Removal And Reinstallation Of >100 To 200 Amperes Safety Disconnect Switch	742.74	
26 28 16 16-0640	EA		Removal And Reinstallation Of >200 To 300 Amperes Safety Disconnect Switch	828.47	
26 28 16 16-0641	EA		Removal And Reinstallation Of >300 To 400 Amperes Safety Disconnect Switch	971.30	
26 28 16 16-0642			Bolted Contact Switches <small>(26 28 16 16)</small>		
			Note: Work includes mounting, material handling, uploading at job site and termination of all conductors entering and leaving the switch.		
26 28 16 16-0643			Electrical Trip, Bolted Contact Switches <small>(26 28 16 16-0642)</small>		
26 28 16 16-0644			Top Feed, Electrical Trip, Bolted Contact Switches <small>(26 28 16 16-0643)</small>		
26 28 16 16-0645	EA		800 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB0833T120480)	9,658.59	1,142.64
26 28 16 16-0646	EA		1,200 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1233T120480)	10,431.98	1,371.17
26 28 16 16-0647	EA		1,600 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1633T120480)	11,333.15	1,599.69
26 28 16 16-0648	EA		2,000 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2033T120480)	11,942.29	1,828.22
26 28 16 16-0649	EA		2,500 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2533T120480)	13,488.31	2,056.74
26 28 16 16-0650	EA		3,000 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB3033T120480)	16,968.91	2,285.27
26 28 16 16-0651	EA		4,000 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB4033T120480)	22,932.40	2,742.32
26 28 16 16-0652			Bottom Feed, Electrical Trip, Bolted Contact Switches <small>(26 28 16 16-0643)</small>		
26 28 16 16-0653	EA		800 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB0833B120480)	10,248.70	1,142.64
26 28 16 16-0654	EA		1,200 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1233B120480)	11,137.68	1,371.17
26 28 16 16-0655	EA		1,600 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1633B120480)	12,032.76	1,599.69
26 28 16 16-0656	EA		2,000 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2033B120480)	12,946.08	1,828.22
26 28 16 16-0657	EA		2,500 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2533B120480)	14,571.19	2,056.74
26 28 16 16-0658	EA		3,000 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB3033B120480)	19,000.83	2,285.27
26 28 16 16-0659	EA		4,000 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB4033B120480)	25,049.49	2,742.32
26 28 16 16-0660			Manually Operated, Bolted Contact Switches <small>(26 28 16 16-0642)</small>		
26 28 16 16-0661			Top Feed, Manually Operated, Bolted Contact Switches <small>(26 28 16 16-0660)</small>		
26 28 16 16-0662	EA		800 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA0833T480)	7,006.14	1,142.64
26 28 16 16-0663	EA		1,200 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA1233T480)	7,811.17	1,371.17
26 28 16 16-0664	EA		1,600 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA1633T480)	8,666.10	1,599.69
26 28 16 16-0665	EA		2,000 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA2033T480)	9,513.72	1,828.22
26 28 16 16-0666	EA		2,500 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA2533T480)	10,422.18	2,056.74
26 28 16 16-0667	EA		3,000 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA3033T480)	13,902.77	2,285.27

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 28 16 16-0668	EA	4,000 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA4033T480).....	19,793.27	2,742.32
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26 28 16 16-0669 Bottom Feed, Manually Operated, Bolted Contact Switches (26 28 16 16-0660)

26 28 16 16-0670	EA	800 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA0833B480).....	7,396.71	1,142.64
26 28 16 16-0671	EA	1,200 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA1233B480).....	8,401.28	1,371.17
26 28 16 16-0672	EA	1,600 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA1633B480).....	9,237.96	1,599.69
26 28 16 16-0673	EA	2,000 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA2033B480).....	10,269.30	1,828.22
26 28 16 16-0674	EA	2,500 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA2533B480).....	11,371.22	2,056.74
26 28 16 16-0675	EA	3,000 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA3033B480).....	15,782.61	2,285.27
26 28 16 16-0676	EA	4,000 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA4033B480).....	21,764.35	2,742.32

26 29 Low-Voltage Controllers (26 20)

26 29 13 Enclosed Controllers (26 29)

26 29 13 13 Across-The-Line Motor Controllers (26 29 13)

26 29 13 13-0001 Manual Motor Starters (26 29 13 13)

26 29 13 13-0002 Fractional HP Manual Motor Starters (26 29 13 13-0001)

26 29 13 13-0003	EA	NEMA 1, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG1).....	225.25	57.23
		<i>For Flush Cover Plate In Lieu Of NEMA 1, Deduct</i>	-3.09	
		<i>For Oversized Enclosure, Add</i>	30.91	
		<i>For Pilot Light, Add</i>	45.34	
26 29 13 13-0004	EA	NEMA 1, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG2).....	295.14	74.40
		<i>For Flush Cover Plate In Lieu Of NEMA 1, Deduct</i>	-3.09	
		<i>For Oversized Enclosure, Add</i>	30.91	
		<i>For Pilot Light, Add</i>	45.34	
26 29 13 13-0005	EA	NEMA 1, 1 Pole, Key Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG3).....	256.17	57.23
		<i>For Flush Cover Plate In Lieu Of NEMA 1, Deduct</i>	-3.09	
		<i>For Oversized Enclosure, Add</i>	30.91	
		<i>For Pilot Light, Add</i>	45.34	
26 29 13 13-0006	EA	NEMA 1, 2 Pole, Key Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG4).....	326.05	74.40
		<i>For Flush Cover Plate In Lieu Of NEMA 1, Deduct</i>	-3.09	
		<i>For Oversized Enclosure, Add</i>	30.91	
		<i>For Pilot Light, Add</i>	45.34	
26 29 13 13-0007	EA	NEMA 1, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG5).....	238.65	57.23
		<i>For Oversized Enclosure, Add</i>	30.91	
26 29 13 13-0008	EA	NEMA 1, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG6).....	312.66	74.40
		<i>For Oversized Enclosure, Add</i>	30.91	
26 29 13 13-0009	EA	NEMA 4, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FW1).....	489.26	68.68
		<i>For Pilot Light, Add</i>	118.50	
26 29 13 13-0010	EA	NEMA 4, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FW2).....	562.25	85.85
		<i>For Pilot Light, Add</i>	118.50	
26 29 13 13-0011	EA	NEMA 3R, 7 And 9, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FR1).....	520.17	68.68
26 29 13 13-0012	EA	NEMA 3R, 7 And 9, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FR2).....	590.07	85.85

26 29 13 13-0013 Non Reversing Manual Motor Starters (26 29 13 13-0001)

26 29 13 13-0014	EA	NEMA 1, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG1).....	180.09	57.23
		<i>Note: NEMA 1 or flush cover plate installation.</i>		
		<i>For Oversize Enclosure, Add</i>	14.91	
		<i>For Pilot Light, Add</i>	71.59	
26 29 13 13-0015	EA	NEMA 1, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG2).....	296.95	74.40
		<i>Note: NEMA 1 or flush cover plate installation.</i>		
		<i>For Oversize Enclosure, Add</i>	14.91	
		<i>For Pilot Light, Add</i>	71.59	
26 29 13 13-0016	EA	NEMA 1, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG5).....	203.46	62.96
		<i>Note: NEMA 1 or flush cover plate installation.</i>		
		<i>For Oversize Enclosure, Add</i>	14.91	
		<i>For Pilot Light, Add</i>	71.59	
26 29 13 13-0017	EA	NEMA 1, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG6).....	321.32	80.13
		<i>Note: NEMA 1 or flush cover plate installation.</i>		
		<i>For Oversize Enclosure, Add</i>	14.91	
		<i>For Pilot Light, Add</i>	71.59	
26 29 13 13-0018	EA	NEMA 1, Non Reversing, 2 Pole, Key Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG3).....	208.93	57.23
		<i>Note: NEMA 1 or flush cover plate installation.</i>		
		<i>For Oversize Enclosure, Add</i>	14.91	
		<i>For Pilot Light, Add</i>	71.59	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 29 Low-Voltage Controllers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 29 13 13-0019	EA	NEMA 1, Non Reversing, 3 Pole, Key Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG4).....	326.78	74.40
		Note: NEMA 1 or flush cover plate installation.		
		<i>For Oversize Enclosure, Add</i>	14.91	
		<i>For Pilot Light, Add</i>	71.59	
26 29 13 13-0020	EA	NEMA 4, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW1).....	449.56	68.68
		<i>For Pilot Light, Add</i>	113.35	
26 29 13 13-0021	EA	NEMA 4, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW2).....	555.49	85.85
		<i>For Pilot Light, Add</i>	113.35	
26 29 13 13-0022	EA	NEMA 4, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW5).....	473.93	74.40
		<i>For Pilot Light, Add</i>	113.35	
26 29 13 13-0023	EA	NEMA 4, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW6).....	576.88	91.57
		<i>For Pilot Light, Add</i>	113.35	
26 29 13 13-0024	EA	NEMA 3R, 7 And 9, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KR1).....	477.40	68.68
26 29 13 13-0025	EA	NEMA 3R, 7 And 9, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KR2).....	591.28	85.85
26 29 13 13-0026	EA	Open Type, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO1).....	131.83	40.06
		<i>For Pilot Light, Add</i>	71.59	
26 29 13 13-0027	EA	Open Type, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO2).....	248.70	57.23
		<i>For Pilot Light, Add</i>	71.59	
26 29 13 13-0028	EA	Open Type, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO5).....	155.20	45.79
		<i>For Pilot Light, Add</i>	71.59	
26 29 13 13-0029	EA	Open Type, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO6).....	272.07	62.96
		<i>For Pilot Light, Add</i>	71.59	
26 29 13 13-0030		Reversing Manual Motor Starters (26 29 13 13-0001)		
26 29 13 13-0031	EA	NEMA 1, Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2511KG11).....	491.39	103.02
		<i>For Pilot Light, Add</i>	115.34	
26 29 13 13-0032	EA	NEMA 1, Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2511KG22).....	713.19	137.35
		<i>For Pilot Light, Add</i>	115.34	
26 29 13 13-0033		Two Speed Manual Motor Starters (26 29 13 13-0001)		
26 29 13 13-0034	EA	NEMA 1, Two Speed, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2512KG11).....	491.39	103.02
26 29 13 13-0035	EA	NEMA 1, Two Speed, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2512KG22).....	713.19	137.35
26 29 13 13-0036		Non-Reversing Integral HP Manual Motor Starters (26 29 13 13-0001)		
26 29 13 13-0037	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBG1).....	453.71	68.68
26 29 13 13-0038	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510TBG1).....	453.71	68.68
26 29 13 13-0039	EA	NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW11).....	946.49	80.13
26 29 13 13-0040	EA	NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW1).....	946.49	80.13
26 29 13 13-0041	EA	NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBR1).....	1,239.14	80.13
26 29 13 13-0042	EA	Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBA1).....	578.62	80.13
26 29 13 13-0043	EA	Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBO1).....	388.47	51.51
26 29 13 13-0044	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG1).....	539.36	74.40
26 29 13 13-0045	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG1).....	539.36	74.40
26 29 13 13-0046	EA	NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW11).....	1,134.14	85.85
26 29 13 13-0047	EA	NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW1).....	1,134.14	85.85
26 29 13 13-0048	EA	NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR1).....	1,449.46	85.85
26 29 13 13-0049	EA	Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA1).....	664.26	85.85
26 29 13 13-0050	EA	Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO1).....	474.11	57.23
26 29 13 13-0051	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG2).....	710.52	80.13
26 29 13 13-0052	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG2).....	710.52	80.13
26 29 13 13-0053	EA	NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW12).....	1,349.62	91.57
26 29 13 13-0054	EA	NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW2).....	1,349.62	91.57

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 29 13 13-0055	EA			NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR2).....	1,651.54	91.57
26 29 13 13-0056	EA			Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA2).....	838.52	91.57
26 29 13 13-0057	EA			Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO2).....	648.36	62.96
26 29 13 13-0058	EA			NEMA 1, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBG2).....	561.74	85.85
26 29 13 13-0059	EA			NEMA 1, Non-Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510TBG2).....	561.74	85.85
26 29 13 13-0060	EA			NEMA 4, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW12).....	1,054.51	97.30
26 29 13 13-0061	EA			NEMA 4X, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW2).....	1,054.51	97.30
26 29 13 13-0062	EA			NEMA 7 And 9, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBR2).....	1,355.40	97.30
26 29 13 13-0063	EA			Type 12, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBA2).....	687.68	97.30
26 29 13 13-0064	EA			Open, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBO2).....	499.58	68.68
26 29 13 13-0065	EA			NEMA 1, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG3).....	647.38	91.57
26 29 13 13-0066	EA			NEMA 1, Non-Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG3).....	647.38	91.57
26 29 13 13-0067	EA			NEMA 4, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW13).....	1,242.17	103.02
26 29 13 13-0068	EA			NEMA 4X, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW3).....	1,242.17	103.02
26 29 13 13-0069	EA			NEMA 7 And 9, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR3).....	1,564.70	103.02
26 29 13 13-0070	EA			Type 12, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA3).....	772.29	103.02
26 29 13 13-0071	EA			Open, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO3).....	582.13	74.40

26 29 13 13-0072 Reversing Integral HP Manual Motor Starters (26 29 13 13-0001)

26 29 13 13-0073	EA			NEMA 1, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511MBG1).....	1,320.82	120.19
26 29 13 13-0074	EA			NEMA 1, Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511TBG1).....	1,320.82	120.19
26 29 13 13-0075	EA			Open, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511MBO1).....	1,164.55	85.85
26 29 13 13-0076	EA			NEMA 1, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2511MCG1).....	1,563.19	131.63
26 29 13 13-0077	EA			Open, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2511MCO1).....	1,406.93	97.30

26 29 13 13-0078 Two Speed Integral HP Manual Motor Starters (26 29 13 13-0001)

26 29 13 13-0079	EA			NEMA 1, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2512MBG1).....	1,320.82	120.19
26 29 13 13-0080	EA			Open, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2512MBO1).....	1,164.55	85.85
26 29 13 13-0081	EA			NEMA 1, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2512MCG1).....	1,563.19	131.63
26 29 13 13-0082	EA			Open, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2512MCO1).....	1,406.93	97.30

26 29 13 13-0083 Magnetic Motor Starters (26 29 13 13)
26 29 13 13-0084 Non Reversing, Magnetic Contactors (26 29 13 13-0083)
26 29 13 13-0085 Open Enclosure, Non Reversing, Magnetic Contactors (26 29 13 13-0084)

26 29 13 13-0086	EA			Size 00, 1 Phase, 2 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAO11).....	524.66	114.47
				<i>For Factory Installed Accessory, Deduct</i>	-228.92	
26 29 13 13-0087	EA			Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAO12).....	590.84	125.91
				<i>For Factory Installed Accessory, Deduct</i>	-251.82	
26 29 13 13-0088	EA			Size 0, 1 Phase, 1 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO5).....	567.94	114.47
				<i>For Factory Installed Accessory, Deduct</i>	-228.92	
26 29 13 13-0089	EA			Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO1).....	635.15	125.91
				<i>For Factory Installed Accessory, Deduct</i>	-251.82	
26 29 13 13-0090	EA			Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO2).....	701.31	137.35
				<i>For Factory Installed Accessory, Deduct</i>	-274.71	
26 29 13 13-0091	EA			Size 0, 3 Phase, 4 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO3).....	886.43	171.69
				<i>For Factory Installed Accessory, Deduct</i>	-343.39	
26 29 13 13-0092	EA			Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO4).....	1,116.89	206.03
				<i>For Factory Installed Accessory, Deduct</i>	-412.06	
26 29 13 13-0093	EA			Size 1, 1 Phase, 1 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO5).....	662.97	125.91
				<i>For Factory Installed Accessory, Deduct</i>	-251.82	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 29 Low-Voltage Controllers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 29 13 13-0094	EA	Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO1).....	729.14	137.35
		<i>For Factory Installed Accessory, Deduct</i>	-274.71	
26 29 13 13-0095	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO2).....	797.37	148.80
		<i>For Factory Installed Accessory, Deduct</i>	-297.60	
26 29 13 13-0096	EA	Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO3).....	1,017.85	200.31
		<i>For Factory Installed Accessory, Deduct</i>	-400.61	
26 29 13 13-0097	EA	Size 1, 3 Phase, 5 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO4).....	1,247.28	234.65
		<i>For Factory Installed Accessory, Deduct</i>	-469.29	
26 29 13 13-0098	EA	Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDO1).....	1,126.89	137.35
		<i>For Factory Installed Accessory, Deduct</i>	-274.71	
26 29 13 13-0099	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDO2).....	1,252.24	171.69
		<i>For Factory Installed Accessory, Deduct</i>	-343.39	
26 29 13 13-0100	EA	Size 2, 3 Phase, 4 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDO3).....	1,631.52	228.92
		<i>For Factory Installed Accessory, Deduct</i>	-457.84	
26 29 13 13-0101	EA	Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO1).....	1,693.27	171.69
		<i>For Factory Installed Accessory, Deduct</i>	-343.39	
26 29 13 13-0102	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO2).....	1,926.23	228.92
		<i>For Factory Installed Accessory, Deduct</i>	-457.84	
26 29 13 13-0103	EA	Size 3, 3 Phase, 4 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO3).....	2,450.81	286.15
		<i>For Factory Installed Accessory, Deduct</i>	-572.31	
26 29 13 13-0104	EA	Size 3, 3 Phase, 5 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO4).....	3,505.04	343.39
		<i>For Factory Installed Accessory, Deduct</i>	-686.77	
26 29 13 13-0105	EA	Size 4, 1 Phase, 2 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFO1).....	3,830.58	286.15
		<i>For Factory Installed Accessory, Deduct</i>	-572.31	
26 29 13 13-0106	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFO2).....	4,209.86	343.39
		<i>For Factory Installed Accessory, Deduct</i>	-686.77	
26 29 13 13-0107	EA	Size 4, 3 Phase, 4 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFO3).....	5,703.06	400.61
		<i>For Factory Installed Accessory, Deduct</i>	-801.23	
26 29 13 13-0108	EA	Size 5, 1 Phase, 2 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGO1).....	7,747.39	343.39
		<i>For Factory Installed Accessory, Deduct</i>	-686.77	
26 29 13 13-0109	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGO2).....	8,593.54	457.84
		<i>For Factory Installed Accessory, Deduct</i>	-915.69	
26 29 13 13-0110	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHO2).....	22,331.78	686.77
		<i>For Factory Installed Accessory, Deduct</i>	-1,373.54	
26 29 13 13-0111	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SJO2).....	31,972.10	1,030.15
		<i>For Factory Installed Accessory, Deduct</i>	-2,060.31	
26 29 13 13-0112		NEMA 1, Non Reversing, Magnetic Contactors <small>(26 29 13 13-0084)</small>		
26 29 13 13-0113	EA	Size 00, 1 Phase, 2 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAG11).....	556.60	114.47
		<i>For Factory Installed Accessory, Deduct</i>	-228.92	
26 29 13 13-0114	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAG12).....	622.78	125.91
		<i>For Factory Installed Accessory, Deduct</i>	-251.82	
26 29 13 13-0115	EA	Size 0, 1 Phase, 1 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG5).....	599.88	114.47
		<i>For Factory Installed Accessory, Deduct</i>	-228.92	
26 29 13 13-0116	EA	Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG1).....	668.12	125.91
		<i>For Factory Installed Accessory, Deduct</i>	-251.82	
26 29 13 13-0117	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG2).....	734.29	137.35
		<i>For Factory Installed Accessory, Deduct</i>	-274.71	
26 29 13 13-0118	EA	Size 0, 3 Phase, 4 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG3).....	921.47	171.69
		<i>For Factory Installed Accessory, Deduct</i>	-343.39	
26 29 13 13-0119	EA	Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG4).....	1,152.95	206.03
		<i>For Factory Installed Accessory, Deduct</i>	-412.06	
26 29 13 13-0120	EA	Size 1, 1 Phase, 1 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG5).....	696.97	125.91
		<i>For Factory Installed Accessory, Deduct</i>	-251.82	
26 29 13 13-0121	EA	Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG1).....	765.20	137.35
		<i>For Factory Installed Accessory, Deduct</i>	-274.71	
26 29 13 13-0122	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG2).....	831.37	148.80
		<i>For Factory Installed Accessory, Deduct</i>	-297.60	
26 29 13 13-0123	EA	Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG3).....	1,052.88	200.31
		<i>For Factory Installed Accessory, Deduct</i>	-400.61	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 29 13 13-0124	EA		Size 1, 3 Phase, 5 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG4) 1,281.28 <i>For Factory Installed Accessory, Deduct</i> -469.29		234.65
	26 29 13 13-0125	EA		Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDG1) 1,279.39 <i>For Factory Installed Accessory, Deduct</i> -274.71		137.35
	26 29 13 13-0126	EA		Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDG2) 1,405.78 <i>For Factory Installed Accessory, Deduct</i> -343.39		171.69
	26 29 13 13-0127	EA		Size 2, 3 Phase, 4 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDG3) 1,784.02 <i>For Factory Installed Accessory, Deduct</i> -457.84		228.92
	26 29 13 13-0128	EA		Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEG1) 1,993.13 <i>For Factory Installed Accessory, Deduct</i> -343.39		171.69
	26 29 13 13-0129	EA		Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEG2) 2,225.05 <i>For Factory Installed Accessory, Deduct</i> -457.84		228.92
	26 29 13 13-0130	EA		Size 3, 3 Phase, 4 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEG3) 2,750.67 <i>For Factory Installed Accessory, Deduct</i> -572.31		286.15
	26 29 13 13-0131	EA		Size 4, 1 Phase, 2 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFG1) 4,451.94 <i>For Factory Installed Accessory, Deduct</i> -572.31		286.15
	26 29 13 13-0132	EA		Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFG2) 4,831.22 <i>For Factory Installed Accessory, Deduct</i> -686.77		343.39
	26 29 13 13-0133	EA		Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGG2) 9,726.00 <i>For Factory Installed Accessory, Deduct</i> -915.69		457.84
	26 29 13 13-0134	EA		Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHG2) 27,311.93 <i>For Factory Installed Accessory, Deduct</i> -1,373.54		686.77
	26 29 13 13-0135	EA		Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SJG2) 36,966.67 <i>For Factory Installed Accessory, Deduct</i> -2,060.31		1,030.15
26 29 13 13-0136	NEMA 12, Non Reversing, Magnetic Contactors <small>(26 29 13 13-0084)</small>					
	26 29 13 13-0137	EA		Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBA1) 844.33 <i>For Factory Installed Accessory, Deduct</i> -251.82		125.91
	26 29 13 13-0138	EA		Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBA2) 910.50 <i>For Factory Installed Accessory, Deduct</i> -274.71		137.35
	26 29 13 13-0139	EA		Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCA2) 1,007.58 <i>For Factory Installed Accessory, Deduct</i> -297.60		148.80
	26 29 13 13-0140	EA		Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDA1) 1,600.89 <i>For Factory Installed Accessory, Deduct</i> -274.71		137.35
	26 29 13 13-0141	EA		Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDA2) 1,728.31 <i>For Factory Installed Accessory, Deduct</i> -343.39		171.69
	26 29 13 13-0142	EA		Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEA1) 2,374.40 <i>For Factory Installed Accessory, Deduct</i> -343.39		171.69
	26 29 13 13-0143	EA		Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEA2) 2,605.29 <i>For Factory Installed Accessory, Deduct</i> -457.84		228.92
	26 29 13 13-0144	EA		Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFA2) 6,093.52 <i>For Factory Installed Accessory, Deduct</i> -686.77		343.39
	26 29 13 13-0145	EA		Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGA2) 12,956.45 <i>For Factory Installed Accessory, Deduct</i> -915.69		457.84
	26 29 13 13-0146	EA		Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHA2) 31,272.96 <i>For Factory Installed Accessory, Deduct</i> -1,373.54		686.77
26 29 13 13-0147	NEMA 4/4X, Non Reversing, Magnetic Contactors <small>(26 29 13 13-0084)</small>					
	Note: Brushed stainless steel enclosure.					
	26 29 13 13-0148	EA		Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBW12) 1,248.48 <i>For Factory Installed Accessory, Deduct</i> -274.71		137.35
	26 29 13 13-0149	EA		Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCW11) 1,293.82 <i>For Factory Installed Accessory, Deduct</i> -274.71		137.35
	26 29 13 13-0150	EA		Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCW12) 1,359.99 <i>For Factory Installed Accessory, Deduct</i> -297.60		148.80
	26 29 13 13-0151	EA		Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCW13) 1,581.50 <i>For Factory Installed Accessory, Deduct</i> -400.61		200.31
	26 29 13 13-0152	EA		Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDW12) 2,463.02 <i>For Factory Installed Accessory, Deduct</i> -343.39		171.69

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 29 Low-Voltage Controllers

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0153	EA		Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEW12).....	3,721.26	228.92
			<i>For Factory Installed Accessory, Deduct</i>	-457.84	
26 29 13 13-0154	EA		Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFW12).....	7,385.70	343.39
			<i>For Factory Installed Accessory, Deduct</i>	-686.77	
26 29 13 13-0155	EA		Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGW12).....	12,956.45	457.84
			<i>For Factory Installed Accessory, Deduct</i>	-915.69	
26 29 13 13-0156	EA		Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHW2).....	34,648.70	686.77
			<i>For Factory Installed Accessory, Deduct</i>	-1,373.54	
26 29 13 13-0157			NEMA 7/9, Non Reversing, Magnetic Contactors (26 29 13 13-0084) Note: Bolted cast iron enclosure.		
26 29 13 13-0158	EA		Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 7/9 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBT2).....	2,499.30	183.14
			<i>For Factory Installed Accessory, Deduct</i>	-366.28	
26 29 13 13-0159			Non Reversing, Magnetic Starters (26 29 13 13-0083)		
26 29 13 13-0160			Open Enclosure, Non Reversing, Magnetic Starters (26 29 13 13-0159)		
26 29 13 13-0161	EA		Size 00, 1 Phase, 2 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAO11).....	626.67	114.47
			<i>For Factory Installed Accessory, Deduct</i>	-228.92	
26 29 13 13-0162	EA		Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAO12).....	649.57	125.91
			<i>For Factory Installed Accessory, Deduct</i>	-251.82	
26 29 13 13-0163	EA		Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBO1).....	700.06	125.91
			<i>For Factory Installed Accessory, Deduct</i>	-251.82	
26 29 13 13-0164	EA		Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBO2).....	774.48	137.35
			<i>For Factory Installed Accessory, Deduct</i>	-274.71	
26 29 13 13-0165	EA		Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBO4).....	1,245.69	206.03
			<i>For Factory Installed Accessory, Deduct</i>	-412.06	
26 29 13 13-0166	EA		Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCO1).....	797.15	137.35
			<i>For Factory Installed Accessory, Deduct</i>	-274.71	
26 29 13 13-0167	EA		Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCO3).....	936.48	148.80
			<i>For Factory Installed Accessory, Deduct</i>	-297.60	
26 29 13 13-0168	EA		Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCO2).....	979.76	148.80
			<i>For Factory Installed Accessory, Deduct</i>	-297.60	
26 29 13 13-0169	EA		Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDO6).....	1,220.66	137.35
			<i>For Factory Installed Accessory, Deduct</i>	-274.71	
26 29 13 13-0170	EA		Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDO1).....	1,385.17	171.69
			<i>For Factory Installed Accessory, Deduct</i>	-343.39	
26 29 13 13-0171	EA		Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEO1).....	2,145.71	228.92
			<i>For Factory Installed Accessory, Deduct</i>	-457.84	
26 29 13 13-0172	EA		Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFO1).....	4,547.85	343.39
			<i>For Factory Installed Accessory, Deduct</i>	-686.77	
26 29 13 13-0173	EA		Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGO1).....	10,346.33	457.84
			<i>For Factory Installed Accessory, Deduct</i>	-915.69	
26 29 13 13-0174	EA		Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SHO2).....	23,791.92	686.77
			<i>For Factory Installed Accessory, Deduct</i>	-1,373.54	
26 29 13 13-0175	EA		Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SJO2).....	34,272.05	1,030.15
			<i>For Factory Installed Accessory, Deduct</i>	-2,060.31	
26 29 13 13-0176			NEMA 1, Non Reversing, Magnetic Starters (26 29 13 13-0159)		
26 29 13 13-0177	EA		Size 00, 1 Phase, 2 Pole, .34 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAG11).....	660.68	114.47
			<i>For Factory Installed Accessory, Deduct</i>	-228.92	
26 29 13 13-0178	EA		Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAG12).....	683.58	125.91
			<i>For Factory Installed Accessory, Deduct</i>	-251.82	
26 29 13 13-0179	EA		Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBG1).....	734.07	125.91
			<i>For Factory Installed Accessory, Deduct</i>	-251.82	
26 29 13 13-0180	EA		Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBG2).....	808.48	137.35
			<i>For Factory Installed Accessory, Deduct</i>	-274.71	
26 29 13 13-0181	EA		Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCG1).....	830.12	137.35
			<i>For Factory Installed Accessory, Deduct</i>	-274.71	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 29 13 13-0182	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCG3)	905.56	148.80
		<i>For Factory Installed Accessory, Deduct</i>	-297.60	
26 29 13 13-0183	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCG2)	1,014.79	148.80
		<i>For Factory Installed Accessory, Deduct</i>	-297.60	
26 29 13 13-0184	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDG6)	1,374.20	137.35
		<i>For Factory Installed Accessory, Deduct</i>	-274.71	
26 29 13 13-0185	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDG1)	1,538.71	171.69
		<i>For Factory Installed Accessory, Deduct</i>	-343.39	
26 29 13 13-0186	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEG1)	2,445.57	228.92
		<i>For Factory Installed Accessory, Deduct</i>	-457.84	
26 29 13 13-0187	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFG1)	5,169.21	343.39
		<i>For Factory Installed Accessory, Deduct</i>	-686.77	
26 29 13 13-0188	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGG1)	11,481.88	457.84
		<i>For Factory Installed Accessory, Deduct</i>	-915.69	
26 29 13 13-0189 NEMA 12, Non Reversing, Magnetic Starters <small>(26 29 13 13-0159)</small>				
26 29 13 13-0190	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBA1)	910.28	125.91
		<i>For Factory Installed Accessory, Deduct</i>	-251.82	
26 29 13 13-0191	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBA2)	984.69	137.35
		<i>For Factory Installed Accessory, Deduct</i>	-274.71	
26 29 13 13-0192	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCA1)	1,006.33	137.35
		<i>For Factory Installed Accessory, Deduct</i>	-274.71	
26 29 13 13-0193	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCA3)	1,081.77	148.80
		<i>For Factory Installed Accessory, Deduct</i>	-297.60	
26 29 13 13-0194	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCA2)	1,191.00	148.80
		<i>For Factory Installed Accessory, Deduct</i>	-297.60	
26 29 13 13-0195	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDA6)	1,696.73	137.35
		<i>For Factory Installed Accessory, Deduct</i>	-274.71	
26 29 13 13-0196	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDA1)	1,860.21	171.69
		<i>For Factory Installed Accessory, Deduct</i>	-343.39	
26 29 13 13-0197	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEA1)	2,825.80	228.92
		<i>For Factory Installed Accessory, Deduct</i>	-457.84	
26 29 13 13-0198	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFA1)	6,430.48	343.39
		<i>For Factory Installed Accessory, Deduct</i>	-686.77	
26 29 13 13-0199	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGA1)	14,709.24	457.84
		<i>For Factory Installed Accessory, Deduct</i>	-915.69	
26 29 13 13-0200	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SHA2)	35,096.95	686.77
		<i>For Factory Installed Accessory, Deduct</i>	-1,373.54	
26 29 13 13-0201 NEMA 3R, Non Reversing, Magnetic Starters <small>(26 29 13 13-0159)</small>				
26 29 13 13-0202	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBH1)	910.28	125.91
		<i>For Factory Installed Accessory, Deduct</i>	-251.82	
26 29 13 13-0203	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBH2)	984.69	137.35
		<i>For Factory Installed Accessory, Deduct</i>	-274.71	
26 29 13 13-0204	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCH1)	1,006.33	137.35
		<i>For Factory Installed Accessory, Deduct</i>	-274.71	
26 29 13 13-0205	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCH3)	1,081.77	148.80
		<i>For Factory Installed Accessory, Deduct</i>	-297.60	
26 29 13 13-0206	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCH2)	1,191.00	148.80
		<i>For Factory Installed Accessory, Deduct</i>	-297.60	
26 29 13 13-0207	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDH6)	1,696.73	137.35
		<i>For Factory Installed Accessory, Deduct</i>	-274.71	
26 29 13 13-0208	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDH1)	1,860.21	171.69
		<i>For Factory Installed Accessory, Deduct</i>	-343.39	
26 29 13 13-0209	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEH1)	2,825.80	228.92
		<i>For Factory Installed Accessory, Deduct</i>	-457.84	
26 29 13 13-0210	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFH1)	6,430.48	343.39
		<i>For Factory Installed Accessory, Deduct</i>	-686.77	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 29 Low-Voltage Controllers**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13	13-0211		NEMA 3R/4/4X/7/9, Non Reversing, Magnetic Starters <small>(26 29 13 13-0159)</small> Note: Bolted cast aluminum enclosure.		
26 29 13	13-0212	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBT4).....	2,604.62	194.58
			<i>For Factory Installed Accessory, Deduct</i>	-389.16	
26 29 13	13-0213	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCR1).....	3,204.34	194.58
			<i>For Factory Installed Accessory, Deduct</i>	-389.16	
26 29 13	13-0214	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCR3).....	3,301.43	206.03
			<i>For Factory Installed Accessory, Deduct</i>	-412.06	
26 29 13	13-0215	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDR1).....	5,122.67	228.92
			<i>For Factory Installed Accessory, Deduct</i>	-457.84	
26 29 13	13-0216	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SET43).....	6,176.91	286.15
			<i>For Factory Installed Accessory, Deduct</i>	-572.31	
26 29 13	13-0217	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFT41).....	9,846.49	400.61
			<i>For Factory Installed Accessory, Deduct</i>	-801.23	
26 29 13	13-0218		NEMA 4/4X, Non Reversing, Magnetic Starters <small>(26 29 13 13-0159)</small> Note: Brushed stainless steel enclosure.		
26 29 13	13-0219	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBW11).....	1,247.23	125.91
			<i>For Factory Installed Accessory, Deduct</i>	-251.82	
26 29 13	13-0220	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBW12).....	1,322.67	137.35
			<i>For Factory Installed Accessory, Deduct</i>	-274.71	
26 29 13	13-0221	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCW11).....	1,358.74	137.35
			<i>For Factory Installed Accessory, Deduct</i>	-274.71	
26 29 13	13-0222	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCW13).....	1,434.18	148.80
			<i>For Factory Installed Accessory, Deduct</i>	-297.60	
26 29 13	13-0223	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 7-1/2 HP At 460/575 Volt, 36 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCW12).....	1,543.41	148.80
			<i>For Factory Installed Accessory, Deduct</i>	-297.60	
26 29 13	13-0224	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDW16).....	2,429.37	137.35
			<i>For Factory Installed Accessory, Deduct</i>	-274.71	
26 29 13	13-0225	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEW11).....	3,940.75	228.92
			<i>For Factory Installed Accessory, Deduct</i>	-457.84	
26 29 13	13-0226	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFW11).....	7,721.62	343.39
			<i>For Factory Installed Accessory, Deduct</i>	-686.77	
26 29 13	13-0227	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGW11).....	17,191.58	457.84
			<i>For Factory Installed Accessory, Deduct</i>	-915.69	
26 29 13	13-0228		NEMA 4X, Non Reversing, Magnetic Starters <small>(26 29 13 13-0159)</small> Note: Glass polyester enclosure.		
26 29 13	13-0229	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDW21).....	2,595.95	171.69
			<i>For Factory Installed Accessory, Deduct</i>	-343.39	
26 29 13	13-0230	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEW21).....	4,812.50	228.92
			<i>For Factory Installed Accessory, Deduct</i>	-457.84	
26 29 13	13-0231	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFW21).....	9,481.63	343.39
			<i>For Factory Installed Accessory, Deduct</i>	-686.77	
26 29 13	13-0232		NEMA 7/9, Non Reversing, Magnetic Starters <small>(26 29 13 13-0159)</small> Note: Bolted cast iron enclosure.		
26 29 13	13-0233	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBT1).....	2,520.94	183.14
			<i>For Factory Installed Accessory, Deduct</i>	-366.28	
26 29 13	13-0234	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBT2).....	2,604.62	194.58
			<i>For Factory Installed Accessory, Deduct</i>	-389.16	
26 29 13	13-0235	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCT1).....	2,641.72	194.58
			<i>For Factory Installed Accessory, Deduct</i>	-389.16	
26 29 13	13-0236	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCT3).....	2,721.29	206.03
			<i>For Factory Installed Accessory, Deduct</i>	-412.06	
26 29 13	13-0237	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 36 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCT2).....	2,847.00	206.03
			<i>For Factory Installed Accessory, Deduct</i>	-412.06	
26 29 13	13-0238	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDT1).....	4,191.15	228.92
			<i>For Factory Installed Accessory, Deduct</i>	-457.84	
26 29 13	13-0239		Reversing, Magnetic Starters <small>(26 29 13 13-0083)</small>		

26 29 13 13-0240	Open Enclosure, Reversing, Magnetic Starters <small>(26 29 13 13-0239)</small>		
26 29 13 13-0241	EA Size 00, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAO13).....	1,186.87	148.80
	<i>For Factory Installed Accessory, Deduct</i>	-297.60	
26 29 13 13-0242	EA Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAO16).....	1,251.79	148.80
	<i>For Factory Installed Accessory, Deduct</i>	-297.60	
26 29 13 13-0243	EA Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO1).....	1,385.97	160.24
	<i>For Factory Installed Accessory, Deduct</i>	-320.49	
26 29 13 13-0244	EA Size 0, 1 Phase, 3 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO2).....	1,437.72	171.69
	<i>For Factory Installed Accessory, Deduct</i>	-343.39	
26 29 13 13-0245	EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO10).....	1,473.79	171.69
	<i>For Factory Installed Accessory, Deduct</i>	-343.39	
26 29 13 13-0246	EA Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO2).....	1,577.05	183.14
	<i>For Factory Installed Accessory, Deduct</i>	-366.28	
26 29 13 13-0247	EA Size 1, 1 Phase, 3 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO3).....	1,642.30	200.31
	<i>For Factory Installed Accessory, Deduct</i>	-400.61	
26 29 13 13-0248	EA Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO7).....	1,679.39	200.31
	<i>For Factory Installed Accessory, Deduct</i>	-400.61	
26 29 13 13-0249	EA Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDO1).....	2,878.36	228.92
	<i>For Factory Installed Accessory, Deduct</i>	-457.84	
26 29 13 13-0250	EA Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SEO1).....	4,707.57	343.39
	<i>For Factory Installed Accessory, Deduct</i>	-686.77	
26 29 13 13-0251	EA Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SFO1).....	10,850.30	515.08
	<i>For Factory Installed Accessory, Deduct</i>	-1,030.15	
26 29 13 13-0252	EA Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SGO1).....	20,239.98	686.77
	<i>For Factory Installed Accessory, Deduct</i>	-1,373.54	
26 29 13 13-0253	EA Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SJO1).....	65,632.97	1,259.08
	<i>For Factory Installed Accessory, Deduct</i>	-2,518.15	
26 29 13 13-0254	NEMA 1, Reversing, Magnetic Starters <small>(26 29 13 13-0239)</small>		
26 29 13 13-0255	EA Size 00, 1 Phase, 2 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG13).....	1,225.81	137.35
	<i>For Factory Installed Accessory, Deduct</i>	-274.71	
26 29 13 13-0256	EA Size 00, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG15).....	1,279.62	148.80
	<i>For Factory Installed Accessory, Deduct</i>	-297.60	
26 29 13 13-0257	EA Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG16).....	1,316.71	148.80
	<i>For Factory Installed Accessory, Deduct</i>	-297.60	
26 29 13 13-0258	EA Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG1).....	1,447.80	160.24
	<i>For Factory Installed Accessory, Deduct</i>	-320.49	
26 29 13 13-0259	EA Size 0, 1 Phase, 3 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG2).....	1,501.61	171.69
	<i>For Factory Installed Accessory, Deduct</i>	-343.39	
26 29 13 13-0260	EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG4).....	1,538.71	171.69
	<i>For Factory Installed Accessory, Deduct</i>	-343.39	
26 29 13 13-0261	EA Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG2).....	1,669.79	183.14
	<i>For Factory Installed Accessory, Deduct</i>	-366.28	
26 29 13 13-0262	EA Size 1, 1 Phase, 3 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG6).....	1,735.04	200.31
	<i>For Factory Installed Accessory, Deduct</i>	-400.61	
26 29 13 13-0263	EA Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG8).....	1,772.13	200.31
	<i>For Factory Installed Accessory, Deduct</i>	-400.61	
26 29 13 13-0264	EA Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDG2).....	3,119.48	228.92
	<i>For Factory Installed Accessory, Deduct</i>	-457.84	
26 29 13 13-0265	EA Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SEG2).....	5,124.90	343.39
	<i>For Factory Installed Accessory, Deduct</i>	-686.77	
26 29 13 13-0266	EA Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SFG3).....	11,616.95	515.08
	<i>For Factory Installed Accessory, Deduct</i>	-1,030.15	
26 29 13 13-0267	NEMA 12, Reversing, Magnetic Starters <small>(26 29 13 13-0239)</small>		
26 29 13 13-0268	EA Size 0, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBA2).....	1,765.41	171.69
	<i>For Factory Installed Accessory, Deduct</i>	-343.39	
26 29 13 13-0269	EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBA4).....	1,802.50	171.69
	<i>For Factory Installed Accessory, Deduct</i>	-343.39	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 29 Low-Voltage Controllers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13	13-0270	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCA4)	2,035.93	200.31
			<i>For Factory Installed Accessory, Deduct</i>	-400.61	
26 29 13	13-0271	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDA1).....	3,560.51	228.92
			<i>For Factory Installed Accessory, Deduct</i>	-457.84	
26 29 13	13-0272		NEMA 4X, Reversing, Magnetic Starters <small>(26 29 13 13-0239)</small>		
			Note: Brushed stainless steel enclosure.		
26 29 13	13-0273	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 4/4X Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBW14).....	2,212.62	171.69
			<i>For Factory Installed Accessory, Deduct</i>	-343.39	
26 29 13	13-0274	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 4/4X Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCW11).....	2,609.56	183.14
			<i>For Factory Installed Accessory, Deduct</i>	-366.28	
26 29 13	13-0275		Magnetic Contactor/Starters Accessories <small>(26 29 13 13-0083)</small>		
26 29 13	13-0276	EA	NEMA 1 Enclosure Start/Stop Push Button Kit, Contactor/Starter Accessory (Square D 9999SA2)	164.93	14.31
			<i>For Factory Installed Accessory, Deduct</i>	-28.62	
26 29 13	13-0277	EA	NEMA 12 Enclosure Start/Stop Push Button Kit, Contactor/Starter Accessory (Square D 9999SA3)	281.26	14.31
			<i>For Factory Installed Accessory, Deduct</i>	-28.62	
26 29 13	13-0278	EA	NEMA 1 Enclosure Selector Switch Kit, Contactor/Starter Accessory (Square D 9999SC2).....	164.93	14.31
			<i>For Factory Installed Accessory, Deduct</i>	-28.62	
26 29 13	13-0279	EA	NEMA 12 Enclosure Selector Switch Kit, Contactor/Starter Accessory (Square D 9999SC8).....	281.26	14.31
			<i>For Factory Installed Accessory, Deduct</i>	-28.62	
26 29 13	13-0280	EA	NEMA 1 And 12 Enclosure Red Pilot Light Kit, Contactor/Starter Accessory (Square D 9999SP2R)	281.26	14.31
			<i>For Factory Installed Accessory, Deduct</i>	-28.62	
26 29 13	13-0281	EA	Internal Nonconvertible Contact Block Kit, 1 Contact, Contactor/Starter Accessory (Square D 9999SX11).....	139.22	11.45
			<i>For Factory Installed Accessory, Deduct</i>	-22.89	
26 29 13	13-0282	EA	External Convertible Field Contact, 1 Contact, Contactor/Starter Accessory (Square D 9999SX6)	123.95	11.45
			<i>For Factory Installed Accessory, Deduct</i>	-22.89	
26 29 13	13-0283	EA	External Convertible Field Contacts, 2 Contacts Or 1 Overlapping Contact, Contactor/Starter Accessory (Square D 9999SX8)	164.93	14.31
			<i>For Factory Installed Accessory, Deduct</i>	-28.62	
26 29 13	13-0284	EA	External Field Non Convertible Contact, 1 Contact, Contactor/Starter Accessory (Square D 9999SX13).....	139.22	11.45
			<i>For Factory Installed Accessory, Deduct</i>	-22.89	
26 29 13	13-0285	EA	External Field Non Convertible Contacts, 2 Contacts Or 1 Overlapping Contact, Contactor/Starter Accessory (Square D 9999SX15)	186.08	14.31
			<i>For Factory Installed Accessory, Deduct</i>	-28.62	
26 29 13	13-0286	EA	30 Amperes, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB6)	208.55	11.45
			<i>For Factory Installed Accessory, Deduct</i>	-22.89	
26 29 13	13-0287	EA	45 Amperes, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB11)	360.14	11.45
			<i>For Factory Installed Accessory, Deduct</i>	-22.89	
26 29 13	13-0288	EA	60 Amperes, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB21)	382.46	11.45
			<i>For Factory Installed Accessory, Deduct</i>	-22.89	
26 29 13	13-0289	EA	30 Amperes, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB8)	457.52	14.31
			<i>For Factory Installed Accessory, Deduct</i>	-28.62	
26 29 13	13-0290	EA	45 Amperes, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB13)	799.47	14.31
			<i>For Factory Installed Accessory, Deduct</i>	-28.62	
26 29 13	13-0291	EA	60 Amperes, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB23)	799.47	14.31
			<i>For Factory Installed Accessory, Deduct</i>	-28.62	
26 29 13	13-0292	EA	Adapter Bracket For Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SBT1).....	47.85	8.59
			<i>For Factory Installed Accessory, Deduct</i>	-17.17	
26 29 13	13-0293	EA	1 Pole Control Circuit Fuse Holder, Contactor/Starter Accessory (Square D 9999SF3).....	98.09	11.45
			<i>For Factory Installed Accessory, Deduct</i>	-22.89	
26 29 13	13-0294	EA	2 Pole Control Circuit Fuse Holder, Contactor/Starter Accessory (Square D 9999SF4).....	129.68	14.31
			<i>For Factory Installed Accessory, Deduct</i>	-28.62	
26 29 13	13-0295	EA	Transient Suppression Module, Contactor/Starter Accessory (Square D 9999ST1).....	101.47	14.31
			<i>For Factory Installed Accessory, Deduct</i>	-28.62	
26 29 13	13-0296	EA	Terminal Block, Contactor/Starter Accessory (Square D 9999T7).....	56.31	8.59
			<i>For Factory Installed Accessory, Deduct</i>	-17.17	
26 29 13	13-0297	EA	Closing Plate For NEMA 1 Enclosures, Contactor/Starter Accessory (Square D 9999SG1).....	33.98	8.59
			<i>For Factory Installed Accessory, Deduct</i>	-17.17	
26 29 13	13-0298	EA	1 Pole Disconnect Switch And Breaker Interlock, Contactor/Starter Accessory (Square D 9999R39)	181.52	11.45
			<i>For Factory Installed Accessory, Deduct</i>	-22.89	
26 29 13	13-0299	EA	2 Pole Disconnect Switch And Breaker Interlock, Contactor/Starter Accessory (Square D 9999R40)	314.16	14.31
			<i>For Factory Installed Accessory, Deduct</i>	-28.62	
26 29 13	13-0300		Definite Purpose Starters <small>(26 29 13 13)</small>		
26 29 13	13-0301		Open Enclosure, Definite Purpose Starter <small>(26 29 13 13-0300)</small>		
26 29 13	13-0302	EA	Open Enclosure, 3 Phase, 3 Pole, 3 HP At 230 Volt, 5 HP At 460/575 Volt, 20 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO13)	580.75	137.35
			<i>For Factory Installed Accessory, Deduct</i>	-274.71	
26 29 13	13-0303	EA	Open Enclosure, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO22)	579.72	137.35
			<i>For Factory Installed Accessory, Deduct</i>	-274.71	
26 29 13	13-0304	EA	Open Enclosure, 3 Phase, 3 Pole, 7.5 HP At 230 Volt, 10 HP At 460/575 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO23)	627.34	148.80
			<i>For Factory Installed Accessory, Deduct</i>	-297.60	
26 29 13	13-0305	EA	Open Enclosure, 1 Phase, 2 Pole, 2 HP At 115 Volt, 5 HP At 230 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO32)	617.85	137.35
			<i>For Factory Installed Accessory, Deduct</i>	-274.71	
26 29 13	13-0306	EA	Open Enclosure, 3 Phase, 3 Pole, 10 HP At 230 Volt, 15 HP At 460/575 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO33)	671.65	148.80
			<i>For Factory Installed Accessory, Deduct</i>	-297.60	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 29 13	13-0307	EA	Open Enclosure, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO42).....	650.82	137.35
				<i>For Factory Installed Accessory, Deduct</i>	-274.71	
	26 29 13	13-0308	EA	Open Enclosure, 3 Phase, 3 Pole, 10 HP At 230 Volt, 20 HP At 460/575 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO43).....	754.54	171.69
				<i>For Factory Installed Accessory, Deduct</i>	-343.39	
	26 29 13	13-0309	EA	Open Enclosure, 1 Phase, 2 Pole, 3 HP At 115 Volt, 10 HP At 230 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO52).....	840.07	171.69
				<i>For Factory Installed Accessory, Deduct</i>	-343.39	
	26 29 13	13-0310	EA	Open Enclosure, 3 Phase, 3 Pole, 15 HP At 230 Volt, 30 HP At 460/575 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO53).....	1,058.03	200.31
				<i>For Factory Installed Accessory, Deduct</i>	-400.61	
26 29 13	13-0311			NEMA 1, Definite Purpose Starter (26 29 13 13-0300)		
	26 29 13	13-0312	EA	NEMA 1, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 20 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG12).....	593.93	125.91
				<i>For Factory Installed Accessory, Deduct</i>	-251.82	
	26 29 13	13-0313	EA	NEMA 1, 3 Phase, 3 Pole, 3 HP At 230 Volt, 5 HP At 460/575 Volt, 20 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG13).....	641.55	137.35
				<i>For Factory Installed Accessory, Deduct</i>	-274.71	
	26 29 13	13-0314	EA	NEMA 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG22).....	639.49	137.35
				<i>For Factory Installed Accessory, Deduct</i>	-274.71	
	26 29 13	13-0315	EA	NEMA 1, 3 Phase, 3 Pole, 7.5 HP At 230 Volt, 10 HP At 460/575 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG23).....	690.20	148.80
				<i>For Factory Installed Accessory, Deduct</i>	-297.60	
	26 29 13	13-0316	EA	NEMA 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 5 HP At 230 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG32).....	678.64	137.35
				<i>For Factory Installed Accessory, Deduct</i>	-274.71	
	26 29 13	13-0317	EA	NEMA 1, 3 Phase, 3 Pole, 10 HP At 230 Volt, 15 HP At 460/575 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG33).....	733.48	148.80
				<i>For Factory Installed Accessory, Deduct</i>	-297.60	
	26 29 13	13-0318	EA	NEMA 1, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG42).....	713.68	137.35
				<i>For Factory Installed Accessory, Deduct</i>	-274.71	
	26 29 13	13-0319	EA	NEMA 1, 3 Phase, 3 Pole, 10 HP At 230 Volt, 20 HP At 460/575 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG43).....	816.36	171.69
				<i>For Factory Installed Accessory, Deduct</i>	-343.39	
	26 29 13	13-0320	EA	NEMA 1, 1 Phase, 2 Pole, 3 HP At 115 Volt, 10 HP At 230 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG52).....	898.80	171.69
				<i>For Factory Installed Accessory, Deduct</i>	-343.39	
	26 29 13	13-0321	EA	NEMA 1, 3 Phase, 3 Pole, 15 HP At 230 Volt, 30 HP At 460/575 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG53).....	1,117.80	200.31
				<i>For Factory Installed Accessory, Deduct</i>	-400.61	
26 29 13	13-0322			Definite Purpose Starter Accessory (26 29 13 13-0300)		
	26 29 13	13-0323	EA	Start-Stop Push Button Kit, Definite Purpose Starter Accessory.....	186.08	14.31
				Note: Or Hand-Off-Auto Selector Switch Kit		
				<i>For Factory Installed Accessory, Deduct</i>	-28.62	
26 29 13	13-0324			Panel Mounted Miniature Contactor (26 29 13 13)		
26 29 13	13-0325			Non Reversing, Panel Mounted Miniature Contactor (26 29 13 13-0324)		
	26 29 13	13-0326	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K).....	173.21	57.23
	26 29 13	13-0327	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K).....	203.19	62.96
	26 29 13	13-0328	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K).....	203.19	62.96
	26 29 13	13-0329	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K).....	225.97	68.68
	26 29 13	13-0330	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, DC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K).....	191.75	57.23
	26 29 13	13-0331	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K).....	202.06	57.23
	26 29 13	13-0332	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K).....	220.71	62.96
	26 29 13	13-0333	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K).....	231.02	62.96
	26 29 13	13-0334	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K).....	226.89	62.96
	26 29 13	13-0335	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K).....	231.02	62.96
	26 29 13	13-0336	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K).....	246.58	68.68

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 29 Low-Voltage Controllers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0337	EA		3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K).....	237.20	62.96
26 29 13 13-0338	EA		3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K).....	256.88	68.68
26 29 13 13-0339	EA		3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP4K).....	239.26	62.96
26 29 13 13-0340	EA		3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP4K).....	239.26	62.96
26 29 13 13-0341	EA		3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP4K).....	267.19	68.68
26 29 13 13-0342	EA		3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP4K).....	267.19	68.68
26 29 13 13-0343			Reversing, Panel Mounted Miniature Contactor <small>(26 29 13 13-0324)</small>		
26 29 13 13-0344	EA		3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K).....	248.43	57.23
26 29 13 13-0345	EA		3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, AC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LC2K).....	269.04	57.23
26 29 13 13-0346	EA		3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K).....	297.99	62.96
26 29 13 13-0347	EA		3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K).....	297.99	62.96
26 29 13 13-0348	EA		3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LC2K).....	318.60	62.96
26 29 13 13-0349	EA		3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K).....	334.17	68.68
26 29 13 13-0350	EA		3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 12 Amperes, 20 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K).....	334.17	68.68
26 29 13 13-0351	EA		3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K).....	286.55	57.23
26 29 13 13-0352	EA		3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K).....	307.16	57.23
26 29 13 13-0353	EA		3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K).....	334.06	62.96
26 29 13 13-0354	EA		3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K).....	354.67	62.96
26 29 13 13-0355	EA		3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K).....	376.41	68.68
26 29 13 13-0356	EA		3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K).....	397.02	68.68
26 29 13 13-0357	EA		3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K).....	322.73	62.96
26 29 13 13-0358	EA		3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K).....	371.16	62.96
26 29 13 13-0359	EA		3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K).....	419.69	68.68
26 29 13 13-0360			Panel Mounted Miniature Contactor Accessories <small>(26 29 13 13-0324)</small>		
26 29 13 13-0361	EA		2 Auxiliary Contacts, 10 Amperes, Panel Mounted Miniature Contactor Accessory (Square D LA1KN02).....	73.41	28.62
26 29 13 13-0362	EA		4 Auxiliary Contacts, 10 Amperes, Panel Mounted Miniature Contactor Accessory (Square D LA1KN40).....	81.36	28.62
26 29 13 13-0363	EA		Electronic Time Delay Contact, 2 Amperes, Panel Mounted Miniature Contactor Accessory (Square D LA2KT2U).....	95.77	28.62
26 29 13 13-0364	EA		Overload Relay, Panel Mounted Miniature Contactor Accessory (Square D LR2K0301).....	124.43	28.62
26 29 13 13-0365			Reduced Voltage Auto Transformer Type 240-600 Volt, 3 Pole <small>(26 29 13 13)</small>		
26 29 13 13-0366			NEMA 1 Enclosure <small>(26 29 13 13-0365)</small>		
26 29 13 13-0367	EA		Reduced Voltage Auto Transformer Starter, Size 3, 50 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing.....	7,276.55	548.47
26 29 13 13-0368	EA		Reduced Voltage Auto Transformer Starter, Size 4, 100 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing.....	12,709.86	731.28
26 29 13 13-0369	EA		Reduced Voltage Auto Transformer Starter, Size 5, 200 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing.....	22,255.01	868.41
26 29 13 13-0370	EA		Reduced Voltage Auto Transformer Starter, Size 6, 300 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing.....	54,285.09	1,062.65
26 29 13 13-0371	EA		Reduced Voltage Auto Transformer Starter, Size 7, 600 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing.....	86,612.46	1,359.74

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 29 13 13-0372 NEMA 12 Enclosure <small>(26 29 13 13-0365)</small>						
	26 29 13 13-0373	EA		Reduced Voltage Auto Transformer Starter, Size 3, 50 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	7,225.27	560.12
	26 29 13 13-0374	EA		Reduced Voltage Auto Transformer Starter, Size 4, 100 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	12,616.19	732.43
	26 29 13 13-0375	EA		Reduced Voltage Auto Transformer Starter, Size 5, 200 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	22,084.06	865.66
	26 29 13 13-0376	EA		Reduced Voltage Auto Transformer Starter, Size 6, 300 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	53,850.55	1,057.97
	26 29 13 13-0377	EA		Reduced Voltage Auto Transformer Starter, Size 7, 600 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	85,913.69	1,360.31
26 29 13 13-0378 Factory Modifications Pilot Devices <small>(26 29 13 13-0365)</small>						
	26 29 13 13-0379	EA		Start-Stop Push-button, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device.....	181.31	
	26 29 13 13-0380	EA		H-O-A Select Switch, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device.....	199.96	
	26 29 13 13-0381	EA		Forward-Reverse-Stop, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device.....	340.37	
	26 29 13 13-0382	EA		Pilot Light, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device.....	184.93	
	26 29 13 13-0383	EA		Fused Control Circuit, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device.....	265.91	
	26 29 13 13-0384	EA		Auxiliary Interlock, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device.....	132.96	
	26 29 13 13-0385	EA		Auxiliary Relay, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device.....	433.96	
26 29 13 13-0386 Factory Modifications Meters <small>(26 29 13 13-0365)</small>						
	26 29 13 13-0387	EA		Ammeter And Switch, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter.....	1,744.40	
	26 29 13 13-0388	EA		Voltmeter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter.....	1,684.85	
	26 29 13 13-0389	EA		Wattmeter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter.....	595.65	
	26 29 13 13-0390	EA		Elapsed-time Meter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter.....	493.55	
26 29 13 13-0391 Factory Modifications Main Circuit Breakers <small>(26 29 13 13-0365)</small>						
	26 29 13 13-0392	EA		Reduced Voltage Auto Transformer Starter, Size 3, Circuit Breaker, Factory Modification Main Circuit Breaker.....	2,305.48	
	26 29 13 13-0393	EA		Reduced Voltage Auto Transformer Starter, Size 4, Circuit Breaker, Factory Modification Main Circuit Breaker.....	4,216.43	
	26 29 13 13-0394	EA		Reduced Voltage Auto Transformer Starter, Size 5-7, Circuit Breaker, Factory Modification Main Circuit Breaker.....	8,968.76	
26 29 13 13-0395 Factory Modifications Addition <small>(26 29 13 13-0365)</small>						
	Note: For reversing service auto transformer type.					
	26 29 13 13-0396	EA		Reduced Voltage Auto Transformer Starter, Size 3, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase.....	387.19	
	26 29 13 13-0397	EA		Reduced Voltage Auto Transformer Starter, Size 4, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase.....	387.19	
	26 29 13 13-0398	EA		Reduced Voltage Auto Transformer Starter, Size 5, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase.....	387.19	
	26 29 13 13-0399	EA		Reduced Voltage Auto Transformer Starter, Size 6, 7, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase.....	387.19	
26 29 13 13-0400 Combination Starters Non-Reversing <small>(26 29 13 13)</small>						
26 29 13 13-0401 240-600 Volt, 3-Pole <small>(26 29 13 13-0400)</small>						
26 29 13 13-0402 NEMA 1 With Disconnect Switch <small>(26 29 13 13-0401)</small>						
	26 29 13 13-0403	EA		Combination Starter, Size 0, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase.....	1,723.31	262.81
	26 29 13 13-0404	EA		Combination Starter, Size 1, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase.....	2,087.93	411.34
	26 29 13 13-0405	EA		Combination Starter, Size 2, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase.....	2,947.09	479.91
	26 29 13 13-0406	EA		Combination Starter, Size 3, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase.....	4,510.69	594.17
	26 29 13 13-0407	EA		Combination Starter, Size 4, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase.....	8,309.07	948.38
	26 29 13 13-0408	EA		Combination Starter, Size 5, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase.....	16,760.37	1,188.34
26 29 13 13-0409 NEMA 1 With Circuit Breaker <small>(26 29 13 13-0401)</small>						
	26 29 13 13-0410	EA		Combination Starter, Size 0, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	2,195.79	262.81
	26 29 13 13-0411	EA		Combination Starter, Size 1, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	2,560.41	411.34
	26 29 13 13-0412	EA		Combination Starter, Size 2, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	3,406.44	479.91
	26 29 13 13-0413	EA		Combination Starter, Size 3, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	4,760.06	594.17
	26 29 13 13-0414	EA		Combination Starter, Size 4, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	9,739.62	948.38
	26 29 13 13-0415	EA		Combination Starter, Size 5, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	20,553.30	1,188.34
26 29 13 13-0416 Factory Modifications For NEMA 1 Enclosure <small>(26 29 13 13-0401)</small>						
	26 29 13 13-0417	EA		Start-Stop Push-button, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt.....	215.16	
	26 29 13 13-0418	EA		H-O-A Select Switch, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt.....	505.36	
	26 29 13 13-0419	EA		Pilot Light, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt.....	348.79	
26 29 13 13-0420 NEMA 4 With Disconnect Switch <small>(26 29 13 13-0401)</small>						
	26 29 13 13-0421	EA		Combination Starter, Size 0, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase.....	3,159.58	342.79
	26 29 13 13-0422	EA		Combination Starter, Size 1, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase.....	3,472.06	479.91
	26 29 13 13-0423	EA		Combination Starter, Size 2, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase.....	4,995.29	525.61
	26 29 13 13-0424	EA		Combination Starter, Size 3, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase.....	7,976.13	639.88
	26 29 13 13-0425	EA		Combination Starter, Size 4, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase.....	12,640.10	948.38

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0426	EA		Combination Starter, Size 5, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	27,811.05	1,188.34
26 29 13 13-0427			NEMA 4 With Circuit Breaker <small>(26 29 13 13-0401)</small>		
26 29 13 13-0428	EA		Combination Starter, Size 0, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	3,632.05	342.79
26 29 13 13-0429	EA		Combination Starter, Size 1, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	3,944.54	479.91
26 29 13 13-0430	EA		Combination Starter, Size 2, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	5,454.64	525.61
26 29 13 13-0431	EA		Combination Starter, Size 3, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	8,225.49	639.88
26 29 13 13-0432	EA		Combination Starter, Size 4, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	14,070.65	948.38
26 29 13 13-0433	EA		Combination Starter, Size 5, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	26,328.01	1,188.34
26 29 13 13-0434			Factory Modifications For NEMA 4 Enclosure <small>(26 29 13 13-0401)</small>		
26 29 13 13-0435	EA		Start-Stop Push-button, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt	215.19	
26 29 13 13-0436	EA		H-O-A Select Switch, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt	505.36	
26 29 13 13-0437	EA		Pilot Light, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt	348.79	
26 29 13 13-0438			NEMA 12 With Disconnect Switch <small>(26 29 13 13-0401)</small>		
26 29 13 13-0439	EA		Combination Starter, Size 0, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	1,783.03	264.52
26 29 13 13-0440	EA		Combination Starter, Size 1, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	2,150.93	413.98
26 29 13 13-0441	EA		Combination Starter, Size 2, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	3,046.83	476.14
26 29 13 13-0442	EA		Combination Starter, Size 3, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	4,676.71	595.09
26 29 13 13-0443	EA		Combination Starter, Size 4, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	8,629.30	952.27
26 29 13 13-0444	EA		Combination Starter, Size 5, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	17,479.35	1,190.17
26 29 13 13-0445			NEMA 12 With Circuit Breaker <small>(26 29 13 13-0401)</small>		
26 29 13 13-0446	EA		Combination Starter, Size 0, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,347.20	264.52
26 29 13 13-0447	EA		Combination Starter, Size 1, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,717.78	413.98
26 29 13 13-0448	EA		Combination Starter, Size 2, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	3,629.38	476.14
26 29 13 13-0449	EA		Combination Starter, Size 3, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	5,084.33	595.09
26 29 13 13-0450	EA		Combination Starter, Size 4, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	10,451.36	952.27
26 29 13 13-0451	EA		Combination Starter, Size 5, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	22,204.08	1,190.17
26 29 13 13-0452			Factory Modifications For NEMA 12 Enclosure <small>(26 29 13 13-0401)</small>		
26 29 13 13-0453	EA		Start-Stop Push-button, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt	213.40	
26 29 13 13-0454	EA		H-O-A Select Switch, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt	501.16	
26 29 13 13-0455	EA		Pilot Light, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt	345.88	
26 29 13 13-0456			NEMA 7 Or 9 With Circuit Breaker <small>(26 29 13 13-0401)</small>		
26 29 13 13-0457	EA		Combination Starter, Size 0, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	4,144.01	548.47
26 29 13 13-0458	EA		Combination Starter, Size 1, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	5,613.95	731.28
26 29 13 13-0459	EA		Combination Starter, Size 2, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	6,109.85	1,005.52
26 29 13 13-0460	EA		Combination Starter, Size 3, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	9,075.00	1,371.17
26 29 13 13-0461	EA		Combination Starter, Size 4, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	13,669.92	1,919.63
26 29 13 13-0462			Factory Modifications For NEMA 7 Or 9 Enclosure <small>(26 29 13 13-0401)</small>		
26 29 13 13-0463	EA		Start-Stop Push-button, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt	1,279.59	
26 29 13 13-0464	EA		H-O-A Select Switch, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt	1,279.59	
26 29 13 13-0465	EA		Pilot Light, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt	1,279.59	
26 29 13 13-0466			Combination Starters Reversing <small>(26 29 13 13-13)</small>		
26 29 13 13-0467			240-600 Volt, 3 Pole <small>(26 29 13 13-0466)</small>		
26 29 13 13-0468			NEMA 1 With Disconnect Switch <small>(26 29 13 13-0467)</small>		
26 29 13 13-0469	EA		Combination Starter, Size 0, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	2,128.57	342.79
26 29 13 13-0470	EA		Combination Starter, Size 1, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	2,470.73	479.91
26 29 13 13-0471	EA		Combination Starter, Size 2, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	3,596.31	525.61
26 29 13 13-0472	EA		Combination Starter, Size 3, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	5,475.78	639.88
26 29 13 13-0473	EA		Combination Starter, Size 4, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	10,713.86	948.38
26 29 13 13-0474			NEMA 1 With Circuit Breaker <small>(26 29 13 13-0467)</small>		
26 29 13 13-0475	EA		Combination Starter, Size 0, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	2,377.86	342.79
26 29 13 13-0476	EA		Combination Starter, Size 1, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	2,736.84	479.91
26 29 13 13-0477	EA		Combination Starter, Size 2, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	3,907.83	525.61
26 29 13 13-0478	EA		Combination Starter, Size 3, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	5,046.90	639.88
26 29 13 13-0479	EA		Combination Starter, Size 4, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	11,556.48	948.38
26 29 13 13-0480			NEMA 12 With Disconnect Switch <small>(26 29 13 13-0467)</small>		
26 29 13 13-0481	EA		Combination Starter, Size 0, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	2,273.53	352.73
26 29 13 13-0482	EA		Combination Starter, Size 1, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	2,625.41	476.14
26 29 13 13-0483	EA		Combination Starter, Size 2, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	3,854.85	529.04
26 29 13 13-0484	EA		Combination Starter, Size 3, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	5,904.20	634.85
26 29 13 13-0485	EA		Combination Starter, Size 4, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	11,611.16	952.27

	MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 29 13 13-0486		NEMA 12 With Circuit Breaker <small>(26 29 13 13-0467)</small>		
26 29 13 13-0487	EA	Combination Starter, Size 0, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	2,548.22	352.73
26 29 13 13-0488	EA	Combination Starter, Size 1, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	2,918.62	476.14
26 29 13 13-0489	EA	Combination Starter, Size 2, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	4,198.10	529.04
26 29 13 13-0490	EA	Combination Starter, Size 3, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	5,431.64	634.85
26 29 13 13-0491	EA	Combination Starter, Size 4, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	12,539.60	952.27

26 29 13 13-0492		NEMA 7 Or 9 With Circuit Breaker <small>(26 29 13 13-0467)</small>		
26 29 13 13-0493	EA	Combination Starter, Size 0, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	5,025.99	731.28
26 29 13 13-0494	EA	Combination Starter, Size 1, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	5,400.95	914.10
26 29 13 13-0495	EA	Combination Starter, Size 2, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	7,764.93	1,188.34
26 29 13 13-0496	EA	Combination Starter, Size 3, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	12,352.46	1,553.98
26 29 13 13-0497	EA	Combination Starter, Size 4, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	22,544.07	2,102.45

26 29 13 13-0498		Solid State Motor Controllers <small>(26 29 13 13)</small>		
26 29 13 13-0499		Adjustable Voltage Drives, DC Motors <small>(26 29 13 13-0498)</small>		
26 29 13 13-0500	EA	0.5-1.5 HP DC Solid State Motor Controller, Reversing With Dynamic Braking	1,690.42	205.67
26 29 13 13-0501	EA	0.5-2.0 HP DC Solid State Motor Controller, Non-Reversing With Dynamic Braking.....	2,039.26	205.67

26 29 13 13-0502		Removal And Reinstallation Of Motor Starters <small>(26 29 13 13)</small>		
		Note: Includes storage and cleaning.		
26 29 13 13-0503	EA	Removal And Reinstallation Of Up To 25 HP Motor Starter With Disconnect.....	816.16	

26 29 13 13-0504		Auxiliary Devices <small>(26 29 13 13)</small>		
26 29 13 13-0505	EA	Normally Open, Auxiliary Contact.....	500.12	114.27
26 29 13 13-0506	EA	Normally Closed, Auxiliary Contact.....	500.12	114.27
26 29 13 13-0507	EA	Pilot Light Kit.....	527.53	114.27

26 29 23 Variable-Frequency Motor Controllers (26 29)

26 29 23 00-0001		208/230 Volt, Ultra Low Harmonic (ULH) Variable Frequency Drives <small>(26 29 23)</small>		
		Note: 1 or 3 phase. Wall mounted. ABB ACH580 Series. Includes full voltage bypass with main input circuit breaker. NEMA 1 enclosure.		
26 29 23 00-0002	EA	3/4 HP, 208/230 Volt Variable Frequency Drive	2,067.78	426.93
		<i>For 6-Pulse Drive Package, Deduct</i>	-667.60	
26 29 23 00-0003	EA	1 HP, 208/230 Volt Variable Frequency Drive	2,326.29	466.61
		<i>For 6-Pulse Drive Package, Deduct</i>	-768.56	
26 29 23 00-0004	EA	1-1/2 HP, 208/230 Volt Variable Frequency Drive	2,699.98	513.07
		<i>For 6-Pulse Drive Package, Deduct</i>	-920.61	
26 29 23 00-0005	EA	2 HP, 208/230 Volt Variable Frequency Drive	2,840.54	493.17
		<i>For 6-Pulse Drive Package, Deduct</i>	-1,019.80	
26 29 23 00-0006	EA	3 HP, 208/230 Volt Variable Frequency Drive	3,046.21	537.70
		<i>For 6-Pulse Drive Package, Deduct</i>	-1,083.95	
26 29 23 00-0007	EA	5 HP, 208/230 Volt Variable Frequency Drive	3,289.19	537.70
		<i>For 6-Pulse Drive Package, Deduct</i>	-1,217.59	
26 29 23 00-0008	EA	7.5 HP, 208/230 Volt Variable Frequency Drive	3,929.78	642.01
		<i>For 6-Pulse Drive Package, Deduct</i>	-1,455.17	
26 29 23 00-0009	EA	10 HP, 208/230 Volt Variable Frequency Drive	4,280.74	642.01
		<i>For 6-Pulse Drive Package, Deduct</i>	-1,648.20	
26 29 23 00-0010	EA	15 HP, 208/230 Volt Variable Frequency Drive	5,659.00	966.67
		<i>For 6-Pulse Drive Package, Deduct</i>	-2,049.11	
26 29 23 00-0011	EA	20 HP, 208/230 Volt Variable Frequency Drive	6,630.90	966.67
		<i>For 6-Pulse Drive Package, Deduct</i>	-2,583.66	
26 29 23 00-0012	EA	25 HP, 208/230 Volt Variable Frequency Drive	8,102.63	1,284.13
		<i>For 6-Pulse Drive Package, Deduct</i>	-3,043.97	
26 29 23 00-0013	EA	30 HP, 208/230 Volt Variable Frequency Drive	9,317.52	1,284.13
		<i>For 6-Pulse Drive Package, Deduct</i>	-3,712.16	
26 29 23 00-0014	EA	40 HP, 208/230 Volt Variable Frequency Drive	10,370.42	1,284.13
		<i>For 6-Pulse Drive Package, Deduct</i>	-4,291.25	
26 29 23 00-0015	EA	50 HP, 208/230 Volt Variable Frequency Drive	13,667.53	1,623.30
		<i>For 6-Pulse Drive Package, Deduct</i>	-5,731.57	
26 29 23 00-0016	EA	60 HP, 208/230 Volt Variable Frequency Drive	16,475.49	1,920.33
		<i>For 6-Pulse Drive Package, Deduct</i>	-6,949.16	
26 29 23 00-0017	EA	75 HP, 208/230 Volt Variable Frequency Drive	18,635.29	1,920.33
		<i>For 6-Pulse Drive Package, Deduct</i>	-8,137.05	

26 29 23 00-0018		460/480 Volt, Ultra Low Harmonic (ULH) Variable Frequency Drives <small>(26 29 23)</small>		
		Note: 3 Phase. ABB ACH580 Series. Includes full voltage bypass with main circuit breaker. NEMA 1 enclosure.		
26 29 23 00-0019	EA	3 HP, 480 Volt Variable Frequency Drive	4,883.99	768.16
		Note: Wall mounted.		
		<i>For 6-Pulse Drive Package, Deduct</i>	-1,841.23	
26 29 23 00-0020	EA	5 HP, 480 Volt Variable Frequency Drive	5,045.98	768.16
		Note: Wall mounted.		
		<i>For 6-Pulse Drive Package, Deduct</i>	-1,930.32	
26 29 23 00-0021	EA	7.5 HP, 480 Volt Variable Frequency Drive	5,529.08	915.26
		Note: Wall mounted.		
		<i>For 6-Pulse Drive Package, Deduct</i>	-2,034.26	
26 29 23 00-0022	EA	10 HP, 480 Volt Variable Frequency Drive	5,556.08	915.26
		Note: Wall mounted.		
		<i>For 6-Pulse Drive Package, Deduct</i>	-2,049.11	

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 29 Low-Voltage Controllers

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 29 23 00-0023	EA	15 HP, 480 Volt Variable Frequency Drive	7,472.71	1,387.58
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct	-2,583.66	
26 29 23 00-0024	EA	20 HP, 480 Volt Variable Frequency Drive	7,850.68	1,387.58
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct	-2,791.54	
26 29 23 00-0025	EA	25 HP, 480 Volt Variable Frequency Drive	9,465.42	1,830.53
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct	-3,192.45	
26 29 23 00-0026	EA	30 HP, 480 Volt Variable Frequency Drive	10,815.30	1,830.53
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct	-3,934.89	
26 29 23 00-0027	EA	40 HP, 480 Volt Variable Frequency Drive	12,219.17	1,830.53
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct	-4,707.02	
26 29 23 00-0028	EA	50 HP, 480 Volt Variable Frequency Drive	15,989.27	2,325.22
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct	-6,236.42	
26 29 23 00-0029	EA	60 HP, 480 Volt Variable Frequency Drive	21,281.36	2,757.42
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct	-8,671.60	
26 29 23 00-0030	EA	75 HP, 480 Volt Variable Frequency Drive	22,577.24	2,757.42
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct	-9,384.33	
26 29 23 00-0031	EA	100 HP, 480 Volt Variable Frequency Drive	26,123.26	3,072.61
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct	-10,987.98	
26 29 23 00-0032	EA	125 HP, 480 Volt Variable Frequency Drive	27,527.13	3,072.61
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct	-11,760.11	
26 29 23 00-0033	EA	150 HP, 480 Volt Variable Frequency Drive	30,442.86	3,072.61
		Note: Floor mounted.		
		For 6-Pulse Drive Package, Deduct	-13,363.76	
26 29 23 00-0034	EA	200 HP, 480 Volt Variable Frequency Drive	35,169.98	3,708.28
		Note: Floor mounted.		
		For 6-Pulse Drive Package, Deduct	-15,264.39	
26 29 23 00-0035	EA	250 HP, 480 Volt Variable Frequency Drive	43,906.92	3,873.78
		Note: Floor mounted.		
		For 6-Pulse Drive Package, Deduct	-19,887.65	
26 29 23 00-0036	EA	300 HP, 480 Volt Variable Frequency Drive	51,481.31	4,445.02
		Note: Floor mounted.		
		For 6-Pulse Drive Package, Deduct	-23,425.19	
26 29 23 00-0037	EA	350 HP, 480 Volt Variable Frequency Drive	59,186.37	4,820.76
		Note: Floor mounted.		
		For 6-Pulse Drive Package, Deduct	-27,249.60	
26 29 23 00-0038	EA	400 HP, 480 Volt Variable Frequency Drive	68,545.02	5,205.43
		Note: Floor mounted.		
		For 6-Pulse Drive Package, Deduct	-31,973.84	
26 29 23 00-0039	EA	450 HP, 480 Volt Variable Frequency Drive	73,879.38	5,644.74
		Note: Floor mounted.		
		For 6-Pulse Drive Package, Deduct	-34,424.46	

26 29 33 Controllers for Fire Pump Drivers (26 29)

26 29 33 13 Full-Service Controllers for Fire Pump Electric-Motor Drivers (26 29 33)

26 29 33 13-0001 Electric Controllers For Fire Pumps (26 29 33 13)

26 29 33 13-0002 Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller (26 29 33 13-0001)

26 29 33 13-0003	EA	30 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	32,728.27	199.06
26 29 33 13-0004	EA	40 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	37,058.63	221.18
26 29 33 13-0005	EA	50 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	38,840.72	243.29
26 29 33 13-0006	EA	75 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	44,302.20	265.41
26 29 33 13-0007	EA	150 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	46,774.28	309.65
26 29 33 13-0008	EA	175 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	49,768.19	398.12
26 29 33 13-0009	EA	200 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	53,930.43	442.35
26 29 33 13-0010	EA	250 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	61,681.78	504.29
26 29 33 13-0011	EA	300 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	74,416.11	544.10
26 29 33 13-0012	EA	350 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	87,481.22	619.31
26 29 33 13-0013	EA	400 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	104,471.51	663.54
26 29 33 13-0014	EA	500 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	117,994.76	707.78

26 29 33 19 Controllers for Fire Pump Diesel Engine Drivers (26 29 33)

See CSI section 26 29 33 13-0000 for controllers for fire pump diesel engine drivers.

26 30 Facility Electrical Power Generating and Storing Equipment

26 31 Photovoltaic Collectors (26 30)

26 31 00 00-0001 Rigid Photovoltaic Modules (26 31)

26 31 00 00-0002 Sanyo Rigid Photovoltaic Modules (26 31 00 00-0001)

26 31 00 00-0003	EA	205 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 16.3% Module Efficiency (Sanyo HIP-205NHKA6)	2,102.80	108.55
		For >50, Deduct	-188.57	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0004 EA 210 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 16.7% Module Efficiency (Sanyo HIP-210NHKA6).....	2,205.02	108.55
For >50, Deduct	-198.79	
26 31 00 00-0005 EA 215 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 17.1% Module Efficiency (Sanyo HIP-215HNKA6).....	2,062.70	108.55
For >50, Deduct	-184.56	
26 31 00 00-0006 Sharp Rigid Photovoltaic Modules (26 31 00 00-0001)		
26 31 00 00-0007 EA 224 Watt Polycrystalline Photovoltaic Module, 64.6" x 39.1", 13.74% Module Efficiency (Sharp ND-224UC1).....	1,642.53	108.55
For >50, Deduct	-142.54	
26 31 00 00-0008 EA 230 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.1% Module Efficiency (Sharp NU-U230F3).....	1,870.69	108.55
For >50, Deduct	-165.36	
26 31 00 00-0009 EA 235 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.4% Module Efficiency (Sharp NU-U235F1).....	1,906.83	108.55
For >50, Deduct	-168.97	
26 31 00 00-0010 EA 240 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.7% Module Efficiency (Sharp NU-U240F1).....	1,793.88	108.55
For >50, Deduct	-157.68	
26 31 00 00-0011 BP Solar Rigid Photovoltaic Modules (26 31 00 00-0001)		
Note: Approved for applications in NEC Class 1, Division 2, Groups C and D hazardous locations.		
26 31 00 00-0012 EA 50 Watt Polycrystalline Photovoltaic Module, 33" x 21.1" (BP SX350J).....	802.07	108.55
For >50, Deduct	-58.50	
26 31 00 00-0013 EA 75 Watt Polycrystalline Photovoltaic Module, 47.6" x 21.14" (BP SX375J).....	994.08	108.55
For >50, Deduct	-77.70	
26 31 00 00-0014 EA 80 Watt Polycrystalline Photovoltaic Module, 47.6" x 20.9" (BP SX380J).....	1,070.89	108.55
For >50, Deduct	-85.38	
26 31 00 00-0015 Photovoltaic Inverters (26 31)		
26 31 00 00-0016 Fronius Photovoltaic Inverters (26 31 00 00-0015)		
26 31 00 00-0017 EA 3 KW Photovoltaic Inverter (Fronius IG Plus 3.0-1).....	5,031.37	114.27
26 31 00 00-0018 EA 5 KW Photovoltaic Inverter (Fronius IG Plus 5.0-1).....	6,641.93	114.27
26 31 00 00-0019 EA 6 KW Photovoltaic Inverter (Fronius IG Plus 6.0-1).....	7,011.95	114.27
26 31 00 00-0020 EA 7.5 KW Photovoltaic Inverter (Fronius IG Plus 7.5-1).....	7,842.13	114.27
26 31 00 00-0021 EA 10 KW Photovoltaic Inverter (Fronius IG Plus 10.0-1).....	12,427.62	114.27
26 31 00 00-0022 EA 12 KW Photovoltaic Inverter (Fronius IG Plus 12.0-3-1).....	14,448.93	114.27
26 31 00 00-0023 EA 11.4 KW Photovoltaic Inverter (Fronius IG Plus 11.4-3 Delta).....	11,747.18	228.53
26 31 00 00-0024 EA 11.4 KW Photovoltaic Inverter (Fronius IG Plus 11.4-3).....	14,876.13	228.53
26 31 00 00-0025 EA Inverter Display Stand (Fronius 4,045,894).....	434.37	57.13
26 31 00 00-0026 SMA Photovoltaic Inverters (26 31 00 00-0015)		
26 31 00 00-0027 EA 4 KW AC Photovoltaic Inverter (SMA Sunny Boy 4000TL-US-22).....	3,732.37	114.27
26 31 00 00-0028 EA 5 KW AC Photovoltaic Inverter (SMA Sunny Boy 5000TL-US-22).....	4,483.39	114.27
26 31 00 00-0029 EA 6 KW AC Photovoltaic Inverter (SMA Sunny Boy 6000TL-US-22).....	5,183.30	114.27
26 31 00 00-0030 EA 7 KW AC Photovoltaic Inverter (SMA Sunny Boy 7000TL-US-22).....	5,717.62	114.27
26 31 00 00-0031 EA 8 KW AC Photovoltaic Inverter (SMA Sunny Boy 8000TL-US-12).....	5,537.64	114.27
26 31 00 00-0032 PVPowered Photovoltaic Inverters (26 31 00 00-0015)		
26 31 00 00-0033 EA 120 Volt, 1.1 KW Photovoltaic Inverter (PVPowered PVP1100).....	4,622.58	114.27
26 31 00 00-0034 EA 240 Volt, 2 KW Photovoltaic Inverter (PVPowered PVP2000).....	4,835.33	114.27
26 31 00 00-0035 EA 240 Volt, 2.5 KW Photovoltaic Inverter (PVPowered PVP2500).....	5,344.13	114.27
26 31 00 00-0036 EA 240 Volt, 3.5 KW Photovoltaic Inverter (PVPowered PVP3500).....	6,335.56	142.82
26 31 00 00-0037 EA 208 Volt, 4.6 KW Photovoltaic Inverter (PVPowered PVP4600).....	7,724.77	171.39
26 31 00 00-0038 EA 240 Volt, 4.8 KW Photovoltaic Inverter (PVPowered PVP4800).....	7,789.54	171.39
26 31 00 00-0039 EA 240 Volt, 5.2 KW Photovoltaic Inverter (PVPowered PVP5200).....	8,220.60	171.39
26 31 00 00-0040 EA 208 Volt, 75 KW Photovoltaic Inverter (PVPowered PVP75kW).....	98,169.12	914.10
26 31 00 00-0041 EA 480 Volt, 75 KW Photovoltaic Inverter (PVPowered PVP75kW).....	98,299.22	914.10
26 31 00 00-0042 EA 208 Volt, 100 KW Photovoltaic Inverter (PVPowered PVP100kW).....	106,379.51	914.10
26 31 00 00-0043 EA 480 Volt, 100 KW Photovoltaic Inverter (PVPowered PVP100kW).....	98,609.71	914.10
26 31 00 00-0044 Solectria Photovoltaic Inverters (26 31 00 00-0015)		
26 31 00 00-0045 EA 208 Or 480 Volt, 10 KW Photovoltaic Inverter (Solectria PVI).....	15,426.69	228.53
26 31 00 00-0046 EA 208 Or 480 Volt, 13 KW Photovoltaic Inverter (Solectria PVI).....	15,426.69	228.53
26 31 00 00-0047 EA 208 Volt, 15 KW, Photovoltaic Inverter (Solectria PVI).....	15,878.79	228.53
26 31 00 00-0048 EA 480 Volt, 15 KW Photovoltaic Inverter (Solectria PVI).....	15,878.79	228.53
26 31 00 00-0049 EA 208 Volt, 50 KW Photovoltaic Inverter (Solectria PVI).....	48,339.66	685.58
26 31 00 00-0050 EA 480 Volt, 50 KW Photovoltaic Inverter (Solectria PVI).....	46,079.15	685.58
26 31 00 00-0051 EA 208 Volt, 60 KW Photovoltaic Inverter (Solectria PVI).....	52,860.69	685.58
26 31 00 00-0052 EA 480 Volt, 60 KW Photovoltaic Inverter (Solectria PVI).....	51,604.85	685.58
26 31 00 00-0053 EA 208 Volt, 75 KW Photovoltaic Inverter (Solectria PVI).....	56,125.88	685.58
26 31 00 00-0054 EA 480 Volt, 75 KW Photovoltaic Inverter (Solectria PVI).....	53,614.20	685.58
26 31 00 00-0055 EA 208 Volt, 85 KW Photovoltaic Inverter (Solectria PVI).....	59,094.62	914.10
26 31 00 00-0056 EA 480 Volt, 85 KW Photovoltaic Inverter (Solectria PVI).....	56,331.76	914.10
26 31 00 00-0057 EA 208 Volt, 100 KW Photovoltaic Inverter (Solectria PVI).....	61,355.13	914.10
26 31 00 00-0058 EA 480 Volt, 100 KW Photovoltaic Inverter (Solectria PVI).....	58,089.94	914.10
26 31 00 00-0059 Xantrex Photovoltaic Inverters (26 31 00 00-0015)		
26 31 00 00-0060 EA 0.6 KW Photovoltaic Inverter (Xantrex 806-1206).....	642.78	28.57
26 31 00 00-0061 EA 1 KW Photovoltaic Inverter (Xantrex 806-1210).....	700.95	28.57

26 Electrical**26 30 Facility Electrical Power Generating and Storing Equipment****26 31 Photovoltaic Collectors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0062	EA		2 KW Photovoltaic Inverter (Xantrex 806-1220).....	1,128.44	28.57
26 31 00 00-0063			Photovoltaic DC-DC Converters (26 31)		
26 31 00 00-0064	EA		15 Amperes, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-20).....	374.85	42.85
			Note: Hazardous locations.		
26 31 00 00-0065	EA		20 Amperes, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-23).....	248.35	42.85
26 31 00 00-0066	EA		60 Amperes, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-60).....	700.15	42.85
26 31 00 00-0067			Photovoltaic Combiner Boxes (26 31)		
26 31 00 00-0068			Midnight Solar Photovoltaic Combiner Boxes (26 31 00 00-0067)		
26 31 00 00-0069	EA		3 - 150 Volt DC Breaker Or 3 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV3).....	441.84	114.27
26 31 00 00-0070	EA		6 - 150 Volt DC Breaker Or 4 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV6).....	430.12	114.27
26 31 00 00-0071	EA		12 - 150 Volt DC Breaker Or 10 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV12).....	685.58	171.39
26 31 00 00-0072	EA		6 - 300 Volt DC Breaker, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV12-250).....	689.69	171.39
26 31 00 00-0073	EA		16, 600 Volt DC Breakers, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV16).....	1,069.70	171.39
26 31 00 00-0074			SMA Photovoltaic Combiner Boxes (26 31 00 00-0067)		
26 31 00 00-0075	EA		6 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SBCB-6).....	994.76	114.27
26 31 00 00-0076	EA		12 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-12).....	1,194.41	114.27
26 31 00 00-0077	EA		28 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-28).....	2,312.51	228.53
26 31 00 00-0078	EA		52 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-52).....	5,352.16	228.53
26 31 00 00-0079	EA		4 Input NEMA 3R, Steel Combination DC Disconnect And Photovoltaic Combiner Box (SMA Combi-Switch).....	886.72	114.27
26 31 00 00-0080			Photovoltaic Charge Controller (26 31)		
26 31 00 00-0081	EA		35 Amperes, 12 Or 24 Volt, Charge Controller (Xantrex C-35).....	298.05	42.85
26 31 00 00-0082	EA		40 Amperes, 12 Or 24 Volt, Charge Controller (Xantrex C-40).....	399.70	42.85
26 31 00 00-0083	EA		60 Amperes, 12 Or 24 Volt, Charge Controller (Xantrex C-60).....	467.47	42.85
26 31 00 00-0084	EA		Remote Digital Meter For Xantrex C-35, 40 And 60.....	356.78	42.85
26 31 00 00-0085	EA		MPPT Charge Controller (Xantrex XW SCC).....	1,248.17	57.13
26 31 00 00-0086			Photovoltaic Batteries (26 31)		
26 31 00 00-0087			Concorde Photovoltaic Batteries (26 31 00 00-0086)		
26 31 00 00-0088	EA		34 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-340T).....	278.02	17.14
26 31 00 00-0089	EA		45 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-420T).....	350.39	22.85
26 31 00 00-0090	EA		49 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-490T).....	379.93	22.85
26 31 00 00-0091	EA		56 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-560T).....	434.18	34.28
26 31 00 00-0092	EA		69 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-690T).....	495.11	34.28
26 31 00 00-0093	EA		89 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-890T).....	587.79	39.99
26 31 00 00-0094	EA		104 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-1040T).....	674.12	45.71
26 31 00 00-0095	EA		108 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-1080T).....	666.24	45.71
26 31 00 00-0096	EA		210 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-2120T).....	1,225.71	54.28
26 31 00 00-0097	EA		255 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-2580T).....	1,418.30	57.13
26 31 00 00-0098			Deka Photovoltaic Batteries (26 31 00 00-0086)		
26 31 00 00-0099	EA		31 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8GU1).....	289.91	28.62
26 31 00 00-0100	EA		50 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G22NF).....	400.60	28.62
26 31 00 00-0101	EA		74 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G24).....	592.61	28.62
26 31 00 00-0102	EA		86 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G27).....	678.45	28.62
26 31 00 00-0103	EA		98 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G31).....	680.71	28.62
26 31 00 00-0104	EA		183 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G4D).....	1,322.27	28.62
26 31 00 00-0105	EA		225 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G8D).....	1,530.10	28.62
26 31 00 00-0106			Battery Enclosures (26 31 00 00-0086)		
26 31 00 00-0107	EA		14" x 12" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge 55-2501-010).....	328.21	28.57
26 31 00 00-0108	EA		22" x 16" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS1GC).....	1,622.72	28.62
26 31 00 00-0109	EA		37" x 16" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS2GCL).....	1,525.58	28.62
26 31 00 00-0110	EA		37" x 16" x 14.5" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS4GC).....	2,033.85	28.62
26 31 00 00-0111	EA		15" x 17.1" x 8.4" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETSLCF1).....	904.35	28.62
26 31 00 00-0112	EA		31" x 36" x 14" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETSBR827BP).....	2,130.99	28.62
26 31 00 00-0113			Photovoltaic System Monitoring (26 31)		
26 31 00 00-0114	EA		Solar Inverter Monitor (Xantrex 864-0203).....	693.03	57.13
26 31 00 00-0115	EA		Photovoltaic System Monitoring, Remote Diagnosis, Data Storage Communication Hub (SMA Sunny WebBox).....	1,444.72	28.57
26 31 00 00-0116	EA		Sun Radiation And Temperature Monitor (SMA Sunny SensorBox).....	1,206.46	28.57
26 31 00 00-0117	EA		PT100 Ambient Temperature Sensor For Sunny SensorBox (SMA).....	219.37	28.57
26 31 00 00-0118	EA		Wind Sensor Accessory For Sunny SensorBox (SMA).....	544.11	57.13
26 31 00 00-0119	EA		Sunny Boy Control with RS485 (SMA).....	1,421.00	28.57
26 31 00 00-0120	EA		RS 485 Module (SMA).....	320.06	28.57
26 31 00 00-0121	EA		RS 232 Module (SMA).....	328.21	28.57
26 31 00 00-0122	EA		Wireless Monitor with Bluetooth (SMA Sunny Beam).....	615.11	28.57
26 31 00 00-0123	EA		Bluetooth Piggy-Back Computer Card (SMA).....	332.61	28.57
26 31 00 00-0124	EA		RS485-N Communication Computer Card (SMA).....	330.33	28.57

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 31 00 00-0125	EA	Bluetooth Repeater (SMA).....	627.44	28.57
26 31 00 00-0126	EA	Sunny Boy PC Service Cable (SMA).....	298.81	8.57
26 31 00 00-0127	EA	Integrated Revenue Grade Meter, Option (PVPowered)	5,794.34	
26 31 00 00-0128	EA	Data Monitoring Module (PVPowered PVM1010).....	626.11	28.57
26 31 00 00-0129	EA	Wireless IG Personal Display (Fronius 4,240,108).....	625.02	
26 31 00 00-0130	EA	DatCom Power Supply (Fronius 43,0001,2311).....	204.52	
26 31 00 00-0131	EA	Wireless Card For IG Personal Display (Fronius 4,240,008,Z).....	371.08	28.57
26 31 00 00-0132	EA	Retrofit Solar Inverter Interface And Power Supply Option Communication Card (Fronius 4,240,001,Z).....	313.25	28.57
26 31 00 00-0133	EA	Datalogger Pro Box (Fronius 4,240,102).....	1,243.75	28.57
26 31 00 00-0134	EA	Datalogger Easy Box (Fronius 4,240,103).....	807.43	28.57
26 31 00 00-0135	EA	Datalogger Interface Box (Fronius 4,240,105).....	1,404.75	28.57
26 31 00 00-0136	EA	Datalogger Web (Fronius 4,240,122).....	2,417.22	28.57
26 31 00 00-0137	EA	Interface Box (Fronius 4,240,109).....	646.06	28.57
26 31 00 00-0138	EA	Interface Card (Fronius 4,240,009,Z).....	459.65	28.57
26 31 00 00-0139	EA	Interface Card Easy (Fronius 4,240,013,Z).....	301.51	28.57
26 31 00 00-0140	EA	Sensor Box (Fronius 4,240,104).....	1,299.18	28.57
26 31 00 00-0141	EA	Ambient Temperature Sensor (Fronius 43,0001,1188).....	139.93	28.57
26 31 00 00-0142	EA	Irradiance Sensor (Fronius 43,0001,1188).....	448.17	28.57
26 31 00 00-0143	EA	Module Temperature Sensor (Fronius 43,0001,1190).....	499.66	28.57
26 31 00 00-0144	EA	Wind Speed Sensor (Fronius 42,0411,0027).....	257.56	57.13

26 31 00 00-0145 Photovoltaic System Accessories (26 31)

26 31 00 00-0146	EA	Four Inverter Bypass Switch (OutBack AC-IOB-100Q).....	952.88	57.13
26 31 00 00-0147	EA	Line Communication Filter (Enphase LCF).....	2,078.65	114.27
26 31 00 00-0148	EA	15 Meter RS 485 Communication Cable (SMA)	159.46	8.57
26 31 00 00-0149	EA	15 Meter RS 232 Communication Cable (SMA)	240.78	8.57
26 31 00 00-0150	EA	24" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	36.32	2.83
26 31 00 00-0151	EA	36" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	39.05	2.83
26 31 00 00-0152	EA	48" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	40.59	2.83
26 31 00 00-0153	EA	72" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	44.86	2.83
26 31 00 00-0154	EA	120" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	51.27	2.83
26 31 00 00-0155	EA	240" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	81.18	5.65
26 31 00 00-0156	EA	360" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	101.06	5.65
26 31 00 00-0157	EA	420" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	132.45	8.48
26 31 00 00-0158	EA	36" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	45.93	2.83
26 31 00 00-0159	EA	120" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect.....	64.07	2.83
26 31 00 00-0160	EA	240" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect.....	93.99	5.65
26 31 00 00-0161	EA	360" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect.....	126.01	5.65
26 31 00 00-0162	EA	600" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect.....	203.99	11.32
26 31 00 00-0163	EA	1200" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	213.03	11.32
26 31 00 00-0164	EA	Lighting Kit, 9 Watt Fluorescent, 12 Volt, 4.5 Ampere Hours Battery.....	3,796.00	308.51
Note: Tamper proof enclosure.				

26 31 00 00-0165 Photovoltaic Mounting Systems (26 31)

26 31 00 00-0166	LF	Anodized Aluminum Photovoltaic Module Mounting Rail (UNIRAC SolarMount Standard).....	12.73	2.86
26 31 00 00-0167	EA	Splice Bar For Photovoltaic Module Mounting Rail (UNIRAC 310229).....	35.65	14.28
26 31 00 00-0168	EA	Splice Plate For Photovoltaic Module Mounting Rail (UNIRAC 310216)	45.71	14.28
26 31 00 00-0169	EA	8" x 3/8" Hanger Bolt (UNIRAC 310046)	24.40	5.71
Note: Supports mounting rail above tile or metal roof.				
26 31 00 00-0170	EA	Mounting Rail Grounding Clip (UNIRAC 980006).....	11.38	4.28
Note: One grounding clip for every two top mounting clamps (end clamps + mid clamps) in your installation. Only one of the two rails in each row requires grounding clips.				
26 31 00 00-0171	EA	Mounting Rail Grounding Lugs (UNIRAC 980012).....	24.86	5.71
Note: Two grounding lugs for each rail splice and one additional lug for each rail.				
26 31 00 00-0172	EA	Anodized Aluminum Photovoltaic Module Mounting End Clamp (UNIRAC 320002)	6.62	1.90
Note: Four for each row of modules you plan to mount.				
26 31 00 00-0173	EA	Anodized Aluminum Photovoltaic Module Mounting Mid Clamp (UNIRAC 320008).....	6.95	1.90
Note: For each row, take one less than the number of modules in the row and multiply that figure by 2.				
26 31 00 00-0174	EA	Photovoltaic Module Mount L-Feet (UNIRAC 310065).....	17.06	5.71
26 31 00 00-0175	EA	12" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310121).....	102.36	28.57
Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.				
26 31 00 00-0176	EA	30" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310122).....	113.74	28.57
Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.				
26 31 00 00-0177	EA	44" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310123).....	122.91	28.57
Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.				
26 31 00 00-0178	EA	12" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310107).....	150.22	42.85
Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.				
26 31 00 00-0179	EA	44" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310108).....	184.37	42.85
Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.				
26 31 00 00-0180	EA	72" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310109).....	215.37	42.85
Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.				
26 31 00 00-0181	EA	18" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310111)	235.71	57.13
Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.				
26 31 00 00-0182	EA	64" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310112)	317.31	57.13
Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.				

26 Electrical**26 30 Facility Electrical Power Generating and Storing Equipment****26 31 Photovoltaic Collectors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0183	EA		104" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310110).....	445.27	85.70
			Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.		
26 31 00 00-0184	EA		Ballasted Photovoltaic Module Frame (UNIRAC 310351).....	217.26	
			Note: Excludes ballast.		
26 31 00 00-0185	EA		Ballasted Photovoltaic Module Frame With Module Mount (UNIRAC 310355).....	405.95	
			Note: Excludes ballast.		
26 31 00 00-0186	EA		3" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310051).....	79.61	28.57
26 31 00 00-0187	EA		4" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310052).....	80.66	28.57
26 31 00 00-0188	EA		6" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310053).....	81.62	28.57
26 31 00 00-0189	EA		7" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310054).....	84.01	28.57
26 31 00 00-0190	EA		3" High Aluminum Photovoltaic Module Standoff (UNIRAC 310553).....	73.26	28.57
26 31 00 00-0191	EA		4" High Aluminum Photovoltaic Module Standoff (UNIRAC 310554).....	74.47	28.57
26 31 00 00-0192	EA		6" High Aluminum Photovoltaic Module Standoff (UNIRAC 310555).....	78.00	28.57
26 31 00 00-0193	EA		7" High Aluminum Photovoltaic Module Standoff (UNIRAC 310556).....	77.00	28.57
26 31 00 00-0194	EA		3" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310390).....	154.64	42.85
26 31 00 00-0195	EA		4" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310391).....	155.37	42.85
26 31 00 00-0196	EA		7" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310394).....	157.52	42.85
26 31 00 00-0197	EA		Photovoltaic Module Rapidfoot Standoff Assembly (UNIRAC 310370).....	155.28	42.85
26 31 00 00-0198	EA		Photovoltaic Module Standoff Flashing (UNIRAC 990103).....	31.30	5.71
26 31 00 00-0199	EA		Photovoltaic Module Standoff Ethylene Propylene Diene Monomer (EPDM) Patch (UNIRAC 990161).....	20.31	5.71
26 31 00 00-0200	EA		1/4" Photovoltaic Module Standing Seam Metal Roof Mounting Block (UNIRAC 004030M-0100).....	38.90	8.57
26 31 00 00-0201	EA		3/8" Photovoltaic Module Standing Seam Metal Roof Mounting Block (UNIRAC 004031M-0100).....	40.54	8.57
26 31 00 00-0202	EA		Photovoltaic Module Standing Seam Metal Roof Mounting Clamp (UNIRAC 004032M-0100).....	11.40	1.90
			Note: Mid or end clamp.		
26 31 00 00-0203	EA		Photovoltaic Module Tile Roof Mounting Hook (UNIRAC 905011C-0024).....	52.44	5.71
26 31 00 00-0204	EA		Photovoltaic Module Wire Clip (UNIRAC 908002S-0100).....	2.60	

26 32 Packaged Generator Assemblies (26 30)**26 32 13 Engine Generators** (26 32)

See CSI section 23 13 23 13-0001 for fuel storage tanks.

26 32 13 13 Diesel-Engine-Driven Generator Sets (26 32 13)

See CSI section 01 22 23 00-0712 for fuel reimbursement for commissioning.

26 32 13 13-0001 Diesel Generator Sets (Cummins) (26 32 13 13)

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad without enclosure. Includes manufacturer's representative at startup. Excludes fuel, fuel tank, enclosure, active diesel particulate filter, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0691 for loadbank rental, 01 22 23 00-0712 for fuel reimbursement, 23 13 23 13-0001 for fuel day tank, 26 36 23 00-0000 for automatic transfer switch.

26 32 13 13-0002	EA		25 KW Diesel Generator Set, 3 Phase (Cummins DSKCA).....	31,618.89	1,000.62
			<i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i>	4,791.44	
			<i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i>	11,275.18	
			<i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i>	15,033.57	
			<i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i>	12,199.84	
			<i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i>	17,696.35	
			<i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	23,595.14	
26 32 13 13-0003	EA		35 KW Diesel Generator Set, 3 Phase (Cummins DSFAA).....	33,536.75	1,232.02
			<i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i>	4,791.44	
			<i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i>	11,275.18	
			<i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i>	15,033.57	
			<i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i>	12,199.84	
			<i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i>	17,696.35	
			<i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	23,595.14	
26 32 13 13-0004	EA		40 KW Diesel Generator Set, 3 Phase (Cummins DSFAB).....	34,585.76	1,350.85
			<i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i>	4,791.44	
			<i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i>	11,275.18	
			<i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i>	15,033.57	
			<i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i>	12,199.84	
			<i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i>	17,696.35	
			<i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	23,595.14	
26 32 13 13-0005	EA		50 KW Diesel Generator Set, 3 Phase (Cummins DSFAC).....	40,559.11	1,550.97
			<i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i>	4,791.44	
			<i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i>	11,275.18	
			<i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i>	15,033.57	
			<i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i>	12,199.84	
			<i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i>	17,696.35	
			<i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	23,595.14	
26 32 13 13-0006	EA		60 KW Diesel Generator Set, 3 Phase (Cummins DSFAD).....	43,696.08	1,782.37
			<i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i>	4,791.44	
			<i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i>	11,275.18	
			<i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i>	15,033.57	
			<i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i>	12,199.84	
			<i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i>	17,696.35	
			<i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	23,595.14	
26 32 13 13-0007	EA		80 KW Diesel Generator Set, 3 Phase (Cummins DSFAE).....	51,318.10	2,088.81
			<i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i>	4,791.44	
			<i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i>	11,275.18	
			<i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i>	15,033.57	
			<i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i>	12,199.84	
			<i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i>	17,696.35	
			<i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	23,595.14	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0008 EA 100 KW Diesel Generator Set, 3 Phase (Cummins DSGAA) For Weather Resistant Steel Diesel Generator Enclosure, Add For Quietsite Level 1 Steel Diesel Generator Enclosure, Add For Quietsite Level 2 Steel Diesel Generator Enclosure, Add For Weather Resistant Aluminum Diesel Generator Enclosure, Add For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	55,158.49 7,267.60 17,238.77 22,985.03 15,652.61 18,817.66 25,090.22	2,426.52
26 32 13 13-0009 EA 125 KW Diesel Generator Set, 3 Phase (Cummins DSGAB) For Weather Resistant Steel Diesel Generator Enclosure, Add For Quietsite Level 1 Steel Diesel Generator Enclosure, Add For Quietsite Level 2 Steel Diesel Generator Enclosure, Add For Weather Resistant Aluminum Diesel Generator Enclosure, Add For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	56,460.00 7,267.60 17,238.77 22,985.03 15,652.61 18,817.66 25,090.22	2,876.80
26 32 13 13-0010 EA 150 KW Diesel Generator Set, 3 Phase (Cummins DSGAC) For Weather Resistant Steel Diesel Generator Enclosure, Add For Quietsite Level 1 Steel Diesel Generator Enclosure, Add For Quietsite Level 2 Steel Diesel Generator Enclosure, Add For Weather Resistant Aluminum Diesel Generator Enclosure, Add For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	62,408.93 7,267.60 17,238.77 22,985.03 15,652.61 18,817.66 25,090.22	3,170.74
26 32 13 13-0011 EA 175 KW Diesel Generator Set, 3 Phase (Cummins DSHAB) For Weather Resistant Steel Diesel Generator Enclosure, Add For Quietsite Level 1 Steel Diesel Generator Enclosure, Add For Quietsite Level 2 Steel Diesel Generator Enclosure, Add For Weather Resistant Aluminum Diesel Generator Enclosure, Add For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	65,561.44 7,267.60 17,238.77 22,985.03 15,652.61 18,817.66 25,090.22	3,539.71
26 32 13 13-0012 EA 200 KW Diesel Generator Set, 3 Phase (Cummins DSHAC) For Weather Resistant Steel Diesel Generator Enclosure, Add For Quietsite Level 1 Steel Diesel Generator Enclosure, Add For Quietsite Level 2 Steel Diesel Generator Enclosure, Add For Weather Resistant Aluminum Diesel Generator Enclosure, Add For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	69,661.69 7,267.60 17,238.77 22,985.03 15,652.61 18,817.66 25,090.22	3,877.43
26 32 13 13-0013 EA 230 KW Diesel Generator Set, 3 Phase (Cummins DSHAD) For Weather Resistant Steel Diesel Generator Enclosure, Add For Quietsite Level 1 Steel Diesel Generator Enclosure, Add For Quietsite Level 2 Steel Diesel Generator Enclosure, Add For Weather Resistant Aluminum Diesel Generator Enclosure, Add For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	75,064.47 7,267.60 17,238.77 22,985.03 15,652.61 18,817.66 25,090.22	4,096.31
26 32 13 13-0014 EA 250 KW Diesel Generator Set, 3 Phase (Cummins DQDAA) For Weather Resistant Steel Diesel Generator Enclosure, Add For Quietsite Level 1 Steel Diesel Generator Enclosure, Add For Quietsite Level 2 Steel Diesel Generator Enclosure, Add For Weather Resistant Aluminum Diesel Generator Enclosure, Add For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	78,223.54 47,132.16 52,188.98 69,585.31 57,164.23 63,794.35 85,059.13	4,265.17
26 32 13 13-0015 EA 275 KW Diesel Generator Set, 3 Phase (Cummins DQHAA) For Weather Resistant Steel Diesel Generator Enclosure, Add For Quietsite Level 1 Steel Diesel Generator Enclosure, Add For Quietsite Level 2 Steel Diesel Generator Enclosure, Add For Weather Resistant Aluminum Diesel Generator Enclosure, Add For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	85,095.15 47,132.16 52,188.98 69,585.31 57,164.23 63,794.35 85,059.13	4,496.57
26 32 13 13-0016 EA 300 KW Diesel Generator Set, 3 Phase (Cummins DQHAB) For Weather Resistant Steel Diesel Generator Enclosure, Add For Quietsite Level 1 Steel Diesel Generator Enclosure, Add For Quietsite Level 2 Steel Diesel Generator Enclosure, Add For Weather Resistant Aluminum Diesel Generator Enclosure, Add For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	86,961.11 47,132.16 52,188.98 69,585.31 57,164.23 63,794.35 85,059.13	4,696.69
26 32 13 13-0017 EA 350 KW Diesel Generator Set, 3 Phase (Cummins DFEG) For Weather Resistant Steel Diesel Generator Enclosure, Add For Quietsite Level 1 Steel Diesel Generator Enclosure, Add For Quietsite Level 2 Steel Diesel Generator Enclosure, Add For Weather Resistant Aluminum Diesel Generator Enclosure, Add For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	97,972.83 47,132.16 52,188.98 69,585.31 57,164.23 63,794.35 85,059.13	5,253.29
26 32 13 13-0018 EA 400 KW Diesel Generator Set, 3 Phase (Cummins DFEH) For Weather Resistant Steel Diesel Generator Enclosure, Add For Quietsite Level 1 Steel Diesel Generator Enclosure, Add For Quietsite Level 2 Steel Diesel Generator Enclosure, Add For Weather Resistant Aluminum Diesel Generator Enclosure, Add For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	105,450.32 47,132.16 52,188.98 69,585.31 57,164.23 63,794.35 85,059.13	5,753.60
26 32 13 13-0019 EA 450 KW Diesel Generator Set, 3 Phase (Cummins DFEJ) For Weather Resistant Steel Diesel Generator Enclosure, Add For Quietsite Level 1 Steel Diesel Generator Enclosure, Add For Quietsite Level 2 Steel Diesel Generator Enclosure, Add For Weather Resistant Aluminum Diesel Generator Enclosure, Add For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	118,976.11 47,132.16 52,188.98 69,585.31 57,164.23 63,794.35 85,059.13	6,197.64
26 32 13 13-0020 EA 500 KW Diesel Generator Set, 3 Phase (Cummins DFEK) For Weather Resistant Steel Diesel Generator Enclosure, Add For Quietsite Level 1 Steel Diesel Generator Enclosure, Add For Quietsite Level 2 Steel Diesel Generator Enclosure, Add For Weather Resistant Aluminum Diesel Generator Enclosure, Add For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	125,113.85 47,132.16 52,188.98 69,585.31 57,164.23 63,794.35 85,059.13	6,604.13

26 Electrical**26 30 Facility Electrical Power Generating and Storing Equipment****26 32 Packaged Generator Assemblies**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 32 13 13-0021	EA	600 KW Diesel Generator Set, 3 Phase (Cummins DQCA).....	181,498.86	7,273.31
		<i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i>	96,282.35	
		<i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i>	115,946.45	
		<i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i>	154,595.27	
		<i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i>	113,246.81	
		<i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i>	135,075.87	
		<i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	180,101.16	
26 32 13 13-0022	EA	750 KW Diesel Generator Set, 3 Phase (Cummins DQCB).....	207,804.13	7,998.76
		<i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i>	96,282.35	
		<i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i>	115,946.45	
		<i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i>	154,595.27	
		<i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i>	113,246.81	
		<i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i>	135,075.87	
		<i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	180,101.16	
26 32 13 13-0023	EA	800 KW Diesel Generator Set, 3 Phase (Cummins DQCC).....	216,976.70	8,173.87
		<i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i>	96,282.35	
		<i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i>	115,946.45	
		<i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i>	154,595.27	
		<i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i>	113,246.81	
		<i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i>	135,075.87	
		<i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	180,101.16	
26 32 13 13-0024	EA	900 KW Diesel Generator Set, 3 Phase (Cummins DQFAC).....	264,536.29	8,811.77
		<i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i>	96,282.35	
		<i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i>	115,946.45	
		<i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i>	154,595.27	
		<i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i>	113,246.81	
		<i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i>	135,075.87	
		<i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	180,101.16	
26 32 13 13-0025	EA	1,000 KW Diesel Generator Set, 3 Phase (Cummins DQFAD).....	295,542.20	9,380.87
		<i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i>	96,282.35	
		<i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i>	115,946.45	
		<i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i>	154,595.27	
		<i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i>	113,246.81	
		<i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i>	135,075.87	
		<i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	180,101.16	

26 32 13 19 Natural Gas-Engine-Driven Generator Sets (26 32 13)**26 32 13 19-0001 Natural Gas Or Propane Generator Sets (Cummins) (26 32 13 19)**

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad without enclosure. Includes manufacturer's representative at startup. Excludes fuel, fuel tank, enclosure, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0691 for loadbank rental, 01 22 23 00-0712 for fuel reimbursement, 26 36 23 00-0000 for automatic transfer switches.

26 32 13 19-0002	EA	20 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMA).....	13,465.13	838.02
		<i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i>	4,357.89	
		<i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	11,275.18	
		<i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	15,033.57	
		<i>For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	4,719.91	
		<i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	7,830.79	
26 32 13 19-0003	EA	25 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMB).....	15,208.70	1,000.62
		<i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i>	4,357.89	
		<i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	11,275.18	
		<i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	15,033.57	
		<i>For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	4,719.91	
		<i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	7,830.79	
26 32 13 19-0004	EA	29 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMC).....	17,537.11	1,113.20
		<i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i>	4,357.89	
		<i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	11,275.18	
		<i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	15,033.57	
		<i>For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	4,719.91	
		<i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	7,830.79	
26 32 13 19-0005	EA	35 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPA).....	19,879.54	1,232.02
		<i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i>	4,357.89	
		<i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	11,275.18	
		<i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	15,033.57	
		<i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i>	13,350.75	
		<i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	22,408.45	
26 32 13 19-0006	EA	40 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPB).....	22,296.38	1,350.85
		<i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i>	4,357.89	
		<i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	11,275.18	
		<i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	15,033.57	
		<i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i>	13,350.75	
		<i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	22,408.45	
26 32 13 19-0007	EA	45 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPC).....	24,156.69	1,457.16
		<i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i>	4,357.89	
		<i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	11,275.18	
		<i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	15,033.57	
		<i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i>	13,350.75	
		<i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	22,408.45	
26 32 13 19-0008	EA	60 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHE).....	26,454.77	1,782.37
		<i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i>	4,357.89	
		<i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	11,275.18	
		<i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	15,033.57	
		<i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i>	13,350.75	
		<i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	22,408.45	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 19-0009 EA 70 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHF)..... For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	28,395.60 4,357.89 11,275.18 15,033.57 13,350.75 22,408.45	1,995.00
26 32 13 19-0010 EA 85 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHG)..... For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	37,162.79 7,942.51 17,238.77 22,985.03 15,652.61 22,408.45	2,132.58
26 32 13 19-0011 EA 100 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHH)..... For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	44,734.79 7,942.51 17,238.77 22,985.03 15,652.61 22,408.45	2,401.50
26 32 13 19-0012 EA 125 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGLA)..... For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	51,265.52 7,942.51 17,238.77 22,985.03 15,652.61 22,408.45	2,876.80
26 32 13 19-0013 EA 150 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGLB)..... For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	60,869.31 7,942.51 17,238.77 22,985.03 15,652.61 22,408.45	3,170.74
26 32 13 19-0014 EA 175 KW Natural Gas Generator Set, 3 Phase (Cummins GFBA)..... For Weather Resistant Steel Natural Gas Generator Enclosure, Add For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	98,120.13 42,385.42 46,919.30 62,559.06 46,343.27 69,542.84	8,433.90
26 32 13 19-0015 EA 205 KW Natural Gas Generator Set, 3 Phase (Cummins GFBB)..... For Weather Resistant Steel Natural Gas Generator Enclosure, Add For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	111,339.74 42,385.42 46,919.30 62,559.06 46,343.27 69,542.84	3,808.63
26 32 13 19-0016 EA 250 KW Natural Gas Generator Set, 3 Phase (Cummins GFBC)..... For Weather Resistant Steel Natural Gas Generator Enclosure, Add For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	119,749.61 42,385.42 46,919.30 62,559.06 46,343.27 69,542.84	4,265.17
26 32 13 19-0017 EA 300 KW Natural Gas Generator Set, 3 Phase (Cummins GFEA)..... For Weather Resistant Steel Natural Gas Generator Enclosure, Add For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	154,696.44 42,385.42 46,919.30 62,559.06 46,343.27 69,542.84	4,696.69
26 32 13 19-0018 EA 350 KW Natural Gas Generator Set, 3 Phase (Cummins GFEB)..... For Weather Resistant Steel Natural Gas Generator Enclosure, Add For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	166,077.85 42,385.42 46,919.30 62,559.06 46,343.27 69,542.84	5,253.29
26 32 13 19-0019 EA 450 KW Natural Gas Generator Set, 3 Phase (Cummins GFGA)..... For Weather Resistant Steel Natural Gas Generator Enclosure, Add For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	233,080.81 92,550.21 98,333.91 131,111.88 105,121.02 148,572.46	6,197.64
26 32 13 19-0020 EA 500 KW Natural Gas Generator Set, 3 Phase (Cummins GFJB)..... For Weather Resistant Steel Natural Gas Generator Enclosure, Add For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	297,901.94 92,550.21 98,333.91 131,111.88 105,121.02 148,572.46	6,604.13
26 32 13 19-0021 EA 550 KW Natural Gas Generator Set, 3 Phase (Cummins GFJC)..... For Weather Resistant Steel Natural Gas Generator Enclosure, Add For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	333,250.11 92,550.21 98,333.91 131,111.88 105,121.02 148,572.46	6,960.61
26 32 13 19-0022 EA 600 KW Natural Gas Generator Set, 3 Phase (Cummins GFLA)..... For Weather Resistant Steel Natural Gas Generator Enclosure, Add For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	379,447.61 92,550.21 98,333.91 131,111.88 105,121.02 148,572.46	7,273.31
26 32 13 19-0023 EA 650 KW Natural Gas Generator Set, 3 Phase (Cummins GFLB)..... For Weather Resistant Steel Natural Gas Generator Enclosure, Add For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	396,734.72 92,550.21 98,333.91 131,111.88 105,121.02 148,572.46	7,548.48

26 Electrical
26 30 Facility Electrical Power Generating and Storing Equipment
26 32 Packaged Generator Assemblies

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 32 13 19-0024	EA	725 KW Natural Gas Generator Set, 3 Phase (Cummins GFLC) For Weather Resistant Steel Natural Gas Generator Enclosure, Add For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	419,637.11 92,550.21 98,333.91 131,111.88 105,121.02 148,572.46	8,067.55
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26 32 13 19-0025 Small Natural Gas Or Propane Air Cooled Generator Sets (26 32 13 19)

26 32 13 19-0026	EA	7.5 KW Natural Gas Or Propane Air Cooled Generator Set Note: Includes weatherproof composite enclosure and 100 A automatic transfer switch.	4,548.35	528.55
26 32 13 19-0027	EA	10 KW Natural Gas Or Propane Air Cooled Generator Set Note: Includes weatherproof composite enclosure and 200 A automatic transfer switch.	5,730.33	587.27
26 32 13 19-0028	EA	14 KW Natural Gas Or Propane Air Cooled Generator Set Note: Includes weatherproof composite enclosure and 200 A automatic transfer switch.	6,607.08	646.00

26 32 29 Rotary Converters (26 32)

26 32 29 00-0001 60 Hz AC Input 230 Or 460 Volt, 125 Volt DC Output (26 32 29)

26 32 29 00-0002	EA	3 KW, 24 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	9,444.68	228.53
26 32 29 00-0003	EA	5 KW, 40 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	11,512.06	228.53
26 32 29 00-0004	EA	7.5 KW, 60 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	15,261.92	228.53
26 32 29 00-0005	EA	10 KW, 80 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	15,382.26	228.53
26 32 29 00-0006	EA	15 KW, 120 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	17,070.16	285.66
26 32 29 00-0007	EA	20 KW, 160 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	18,490.64	285.66
26 32 29 00-0008	EA	25 KW, 200 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	19,364.16	285.66
26 32 29 00-0009	EA	40 KW, 320 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	23,575.22	377.07
26 32 29 00-0010	EA	50 KW, 400 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	26,208.66	377.07

26 32 29 00-0011 60 Hz AC Input, 230 Or 460 Volt, 250 Volts DC Output (26 32 29)

26 32 29 00-0012	EA	3 KW, 12 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	10,941.36	228.53
26 32 29 00-0013	EA	5 KW, 20 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	13,054.09	228.53
26 32 29 00-0014	EA	7.5 KW, 30 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	14,936.28	228.53
26 32 29 00-0015	EA	10 KW, 40 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	15,351.72	228.53
26 32 29 00-0016	EA	15 KW, 60 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	17,384.46	285.66
26 32 29 00-0017	EA	20 KW, 80 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	19,123.33	285.66
26 32 29 00-0018	EA	25 KW, 100 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	19,756.02	285.66
26 32 29 00-0019	EA	40 KW, 160 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	23,481.34	377.07
26 32 29 00-0020	EA	50 KW, 200 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	24,914.07	377.07

26 32 29 00-0021 460 Volt 3 Phase AC Motor Drive 250 Volt DC (26 32 29)

26 32 29 00-0022	EA	33 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	26,967.29	4,377.74
26 32 29 00-0023	EA	40 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	29,843.30	4,377.74
26 32 29 00-0024	EA	50 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	33,910.35	6,253.92
26 32 29 00-0025	EA	65 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	39,642.25	6,253.92
26 32 29 00-0026	EA	85 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	45,053.71	6,253.92
26 32 29 00-0027	EA	100 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	52,798.30	9,380.87
26 32 29 00-0028	EA	125 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	63,878.40	9,380.87

26 32 29 00-0029 4,160 Volt 3 Phase AC Motor Drive 250 Or 500 Volt DC (26 32 29)

26 32 29 00-0030	EA	170 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	93,955.73	12,507.83
26 32 29 00-0031	EA	200 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	102,353.36	12,507.83
26 32 29 00-0032	EA	240 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	123,170.04	16,260.18
26 32 29 00-0033	EA	320 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	139,968.75	19,762.38
26 32 29 00-0034	EA	400 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	165,942.61	19,762.38
26 32 29 00-0035	EA	560 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	235,517.00	29,518.49
26 32 29 00-0036	EA	640 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	243,432.98	29,518.49
26 32 29 00-0037	EA	800 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	280,480.27	34,396.55

26 33 Battery Equipment (26 30)

26 33 13 Batteries (26 33)

26 33 13 00-0001 Standby Batteries (26 33 13)

26 33 13 00-0002	EA	12 Volt, 100 Ampere Hours To 10.5 Volt Capacity, 6-Cell, Valve Regulated Lead-Calcium, Standby Battery	1,156.80	28.62
26 33 13 00-0003	EA	12 Volt, 100 Ampere Hours To 10.5 Volt Capacity, 6-Cell, Valve Regulated Lead-Calcium, Standby Battery With Steel Jacket	1,249.98	28.62
26 33 13 00-0004	EA	725CCA, Group 31, 12 Volt Lead Calcium Standby Battery	341.09	28.62
26 33 13 00-0005	EA	810CCA, Group 24, 12 Volt Lead Calcium Standby Battery	309.87	28.62
26 33 13 00-0006	EA	1080CCA, Group 4D, 12 Volt Lead Calcium Standby Battery	532.48	28.62
26 33 13 00-0007	EA	1400CCA, Group 8D, 12 Volt Lead Calcium Standby Battery	618.74	28.62

26 33 43 Battery Chargers (26 33)

26 33 43 00-0001 Solid State Chargers, Single Phase (26 33 43)

Note: Includes wall bracket, 10' of DC charging cable and standard connector, 208/240/480 V.

26 33 43 00-0002	EA	Solid State Battery Charger, 6 Cell Single Phase With Wall Bracket, 208/240/480 Volt	3,234.20	652.43
26 33 43 00-0003	EA	Solid State Battery Charger, 9 Cell Single Phase With Wall Bracket, 208/240/480 Volt	3,782.84	652.43
26 33 43 00-0004	EA	Solid State Battery Charger, 12 Cell Single Phase With Wall Bracket, 208/240/480 Volt	4,165.57	652.43
26 33 43 00-0005	EA	Solid State Battery Charger, 18 Cell Single Phase With Wall Bracket, 208/240/480 Volt	4,403.72	772.48

	MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT	DEMOLITION
			UNIT COST	UNIT COST

26 33 53 Static Uninterruptible Power Supply (26 33)

26 33 53 00-0001		Single Phase, Uninterruptible Power Supply Systems (UPS) (26 33 53)		
26 33 53 00-0002		Single Phase, Uninterruptible Power Supply Systems (UPS) (26 33 53 00-0001)		
26 33 53 00-0003		120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (26 33 53 00-0002) Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.		
26 33 53 00-0004	EA	0.5 KVA, 450 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-500RT120) Note: Includes 12 minutes of battery backup at full load.	1,087.89	113.13
26 33 53 00-0005	EA	0.7 KVA, 630 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-700RT120) Note: Includes 6 minutes of battery backup at full load.	1,299.44	131.97
26 33 53 00-0006	EA	1 KVA, 900 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1000RT120) Note: Includes 5 minutes of battery backup at full load.	1,601.48	150.82
26 33 53 00-0007	EA	1.5 KVA, 1,350 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1500RT120) Note: Includes 5 minutes of battery backup at full load.	1,956.14	169.68
26 33 53 00-0008	EA	2 KVA, 1,800 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-2000RT120) Note: Includes 4 minutes of battery backup at full load.	2,509.64	188.53
26 33 53 00-0009	EA	3 KVA, 2,700 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT120) Note: Includes 4 minutes of battery backup at full load.	4,040.69	226.24
26 33 53 00-0010		208 Volt AC Output, 208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (26 33 53 00-0002) Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.		
26 33 53 00-0011	EA	3 KVA, 2,700 Watt, 208 Volt AC Output, 208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT208) Note: Includes 4 minutes of battery backup at full load.	3,966.36	226.24
26 33 53 00-0012		120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (26 33 53 00-0002) Note: Rack mount or tower configuration. Includes 50 or 60 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.		
26 33 53 00-0013	EA	5 KVA, 4,000 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-5000RT208) Note: Includes 5 minutes of battery backup at full load.	6,117.77	301.66
26 33 53 00-0014	EA	6 KVA, 4,800 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-6000RT208) Note: Includes 4 minutes of battery backup at full load.	6,690.41	339.37
26 33 53 00-0015	EA	8 KVA, 7,200 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-8000RT208) Note: Includes 7 minutes of battery backup at full load.	10,002.62	414.77
26 33 53 00-0016	EA	10 KVA, 9,000 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-10000RT208) Note: Includes 4-1/2 minutes of battery backup at full load.	11,497.75	452.48
26 33 53 00-0017		230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (26 33 53 00-0002) Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.		
26 33 53 00-0018	EA	0.7 KVA, 630 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-700RT230) Note: Includes 11 minutes of battery backup at full load.	1,299.44	131.97
26 33 53 00-0019	EA	1 KVA, 900 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1000RT230) Note: Includes 6 minutes of battery backup at full load.	1,601.48	150.82
26 33 53 00-0020	EA	1.5 KVA, 1,350 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1500RT230) Note: Includes 4 minutes of battery backup at full load.	1,978.10	169.68
26 33 53 00-0021	EA	2 KVA, 1,800 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-2000RT230) Note: Includes 4 minutes of battery backup at full load.	2,514.94	188.53
26 33 53 00-0022	EA	3 KVA, 2,700 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT230) Note: Includes 4 minutes of battery backup at full load.	4,057.19	226.24
26 33 53 00-0023	EA	5 KVA, 4,000 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-5000RT230) Note: Includes 9 minutes of battery backup at full load.	5,869.55	301.66
26 33 53 00-0024	EA	6 KVA, 4,800 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-6000RT230) Note: Includes 6 minutes of battery backup at full load.	7,206.47	339.37
26 33 53 00-0025	EA	10 KVA, 9,000 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-10000RT230) Note: Includes 3 minutes of battery backup at full load.	11,142.92	452.48

26 Electrical

26 30 Facility Electrical Power Generating and Storing Equipment

26 33 Battery Equipment



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 33 53 00-0026		Optional Accessories For Single Phase, Uninterruptible Power Supply Systems <small>(26 33 53 00-0001)</small>		
26 33 53 00-0027	EA	External Battery Cabinet For 0.5 To 2 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-48VBATT).....	720.76	34.28
		Note: Rack mount or tower configuration.		
26 33 53 00-0028	EA	External Battery Cabinet For 3 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-72VBATT).....	944.04	34.28
		Note: Rack mount or tower configuration.		
26 33 53 00-0029	EA	External Battery Cabinet For 5 To 6 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-144VBATT).....	919.19	34.28
		Note: Rack mount or tower configuration.		
26 33 53 00-0030	EA	External Battery Cabinet For 8 To 10 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-288RTVBATT).....	624.58	34.28
		Note: Rack mount or tower configuration.		
26 33 53 00-0031	EA	Internal Replacement Battery For 5 To 6 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-144VBATKIT).....	924.58	113.13
26 33 53 00-0032	EA	Internal Replacement Battery For 8 To 10 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-288RTBKIT).....	1,038.84	150.82
26 33 53 00-0033		Three Phase, Uninterruptible Power Supply Systems (UPS) <small>(26 33 53)</small>		
26 33 53 00-0034		208 Volt AC Output, 120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) With Internal Battery <small>(26 33 53 00-0033)</small>		
		Note: Includes start-up, 60 Hz frequency, bypass switch and diagnostics.		
26 33 53 00-0035	EA	10 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS).....	40,216.79	452.48
26 33 53 00-0036	EA	15 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS).....	44,520.87	603.31
26 33 53 00-0037	EA	20 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS).....	49,763.25	754.14
26 33 53 00-0038	EA	30 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS).....	53,973.50	904.97
26 33 53 00-0039	EA	40 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS).....	64,939.52	1,055.80
26 33 53 00-0040		208 Volt AC Output, 120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) Without Internal Battery <small>(26 33 53 00-0033)</small>		
		Note: Excludes Internal Battery See CSI section 26 33 53 00-0055 for batteries.		
26 33 53 00-0041	EA	60 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	88,087.58	1,799.65
26 33 53 00-0042	EA	80 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	95,778.09	2,228.13
26 33 53 00-0043	EA	100 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	105,928.40	2,599.50
26 33 53 00-0044	EA	120 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	130,801.69	2,942.29
26 33 53 00-0045	EA	140 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	135,791.36	3,285.07
26 33 53 00-0046	EA	160 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	141,160.09	3,627.87
26 33 53 00-0047	EA	180 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	147,654.80	3,970.66
26 33 53 00-0048	EA	200 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	154,149.50	4,313.44
26 33 53 00-0049		480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) Without Internal Battery <small>(26 33 53 00-0033)</small>		
		Note: Excludes Internal Battery See CSI section 26 33 53 00-0055 for batteries.		
26 33 53 00-0050	EA	50 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	82,233.22	1,485.42
26 33 53 00-0051	EA	100 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	106,491.38	2,610.92
26 33 53 00-0052	EA	150 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	145,569.90	3,016.55
26 33 53 00-0053	EA	200 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	171,475.32	3,313.64
26 33 53 00-0054	EA	250 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	200,570.95	3,656.43
26 33 53 00-0055		Optional Accessories For Three Phase, Uninterruptible Power Supply Systems <small>(26 33 53 00-0033)</small>		
26 33 53 00-0056	EA	Programmable Relay Board For Three Phase Uninterruptible Power Supply Systems.....	643.08	57.13
26 33 53 00-0057	EA	Network Interface Card For Three Phase Uninterruptible Power Supply Systems.....	1,034.82	57.13
26 33 53 00-0058	EA	Remote Status Panel With 100' Of Cable For Three Phase Uninterruptible Power Supply Systems.....	1,987.27	114.27
26 33 53 00-0059	EA	Slim Line Distribution Panel With Two 42 Pole Panels For Three Phase Uninterruptible Power Supply Systems.....	6,186.04	457.05
26 33 53 00-0060	EA	12 Volt, 491 Watt, 3 Phase, 134 Ampere Hours, Battery For Uninterruptible Power Supply Systems (C&D UPS12-490MR).....	611.52	57.13
26 33 53 00-0061	EA	12 Volt, 204 Watt, 3 Phase, 55 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX200).....	333.13	57.13

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 33 53 00-0062	EA	12 Volt, 257 Watt, 3 Phase, 65 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX250).....	373.75	57.13
26 33 53 00-0063	EA	12 Volt, 311 Watt, 3 Phase, 75 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX300).....	414.38	57.13
26 33 53 00-0064	EA	12 Volt, 374 Watt, 3 Phase, 90 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX350).....	487.50	57.13
26 33 53 00-0065	EA	12 Volt, 415 Watt, 3 Phase, 100 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX400).....	511.87	57.13
26 33 53 00-0066	EA	12 Volt, 493 Watt, 3 Phase, 135 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX500).....	637.81	57.13
26 33 53 00-0067	EA	12 Volt, 540 Watt, 3 Phase, 150 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX540).....	668.28	57.13

26 33 53 00-0068 Other Uninterruptable Power Supply Equipment (26 33 53)

26 33 53 00-0069	EA	Uninterrupted Power Supply Slim-Line Distribution Panel 42 Pole GE Plug-In	5,993.01	104.39
26 33 53 00-0070	EA	Uninterrupted Power Supply Slim-Line Distribution Panel 84 Pole GE Plug-In	7,199.07	208.78
26 33 53 00-0071	EA	1 Pole, 15 To 60 Amperes, GE Plug-In Breakers For UPS Distribution Panel.....	30.47	6.27
26 33 53 00-0072	EA	2 Pole, 15 To 40 Amperes, GE Plug-In Breakers For UPS Distribution Panel.....	55.55	7.83
26 33 53 00-0073	EA	2 Pole, 50 To 80 Amperes, GE Plug-In Breakers For UPS Distribution Panel.....	105.42	7.83
26 33 53 00-0074	EA	3 Pole, 15 To 60 Amperes, GE Plug-In Breakers For UPS Distribution Panel.....	154.52	10.44
26 33 53 00-0075	EA	3 Pole, 70 To 100 Amperes, GE Plug-In Breakers For UPS Distribution Panel.....	220.34	10.44
26 33 53 00-0076	EA	Uninterrupted Power Supply Remote Status Panel.....	4,098.18	104.39
26 33 53 00-0077	EA	Uninterrupted Power Supply Remote Contact Board.....	1,353.30	78.29

26 35 Power Filters and Conditioners (26 30)

26 35 33 Power Factor Correction Equipment (26 35)

26 35 33 16 Low-Voltage Power Factor Correction Equipment (26 35 33)

26 35 33 16-0001 Power Factor Correction Capacitors (26 35 33 16)

26 35 33 16-0002	EA	Power Factor Correction Capacitors, 2.0 KVAC	735.45	
26 35 33 16-0003	EA	Power Factor Correction Capacitors, 3.0 KVAC	814.53	
26 35 33 16-0004	EA	Power Factor Correction Capacitors, 4.0 KVAC	893.61	
26 35 33 16-0005	EA	Power Factor Correction Capacitors, 5.0 KVAC	969.53	
26 35 33 16-0006	EA	Power Factor Correction Capacitors, 7.5 KVAC	1,190.95	
26 35 33 16-0007	EA	Power Factor Correction Capacitors, 10.0 KVAC	1,455.08	
26 35 33 16-0008	EA	Power Factor Correction Capacitors, 15.0 KVAC	2,247.47	
26 35 33 16-0009	EA	Power Factor Correction Capacitors, 20.0 KVAC	2,729.86	
26 35 33 16-0010	EA	Power Factor Correction Capacitors, 25.0 KVAC	3,526.99	
26 35 33 16-0011	EA	Power Factor Correction Capacitors, 30.0 KVAC	4,010.96	
26 35 33 16-0012	EA	Power Factor Correction Capacitors, 50.0 KVAC	7,038.17	
26 35 33 16-0013	EA	Power Factor Correction Capacitors, 75.0 KVAC	10,582.55	
26 35 33 16-0014	EA	Power Factor Correction Capacitors, 100.0 KVAC	14,111.13	
26 35 33 16-0015	EA	Power Factor Correction Capacitors, Fuse Kit.....	654.79	

26 35 43 Static-Frequency Converters (26 35)

26 35 43 00-0001 Rotary Phase Converter With NEMA 1 Indoor Enclosure (26 35 43)

26 35 43 00-0002	EA	750W Output Rotary Phase Converter With NEMA 1 Enclosure.....	683.17	114.27
26 35 43 00-0003	EA	2KW Output Rotary Phase Converter With NEMA 1 Enclosure	1,193.38	137.11
26 35 43 00-0004	EA	3KW Output Rotary Phase Converter With NEMA 1 Enclosure	1,367.73	182.82
26 35 43 00-0005	EA	5KW Output Rotary Phase Converter With NEMA 1 Enclosure	1,879.16	228.53
26 35 43 00-0006	EA	7KW Output Rotary Phase Converter With NEMA 1 Enclosure	2,589.90	297.09
26 35 43 00-0007	EA	11KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	3,348.44	365.65
26 35 43 00-0008	EA	15KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	4,202.60	434.20
26 35 43 00-0009	EA	21KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	5,129.48	491.33
26 35 43 00-0010	EA	29KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	5,956.59	594.17
26 35 43 00-0011	EA	36KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	6,822.16	668.44
26 35 43 00-0012	EA	44KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	7,687.73	742.71
26 35 43 00-0013	EA	55KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	9,549.81	896.97
26 35 43 00-0014	EA	74KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	12,425.06	1,079.79
26 35 43 00-0015	EA	87KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	15,761.65	1,314.03
26 35 43 00-0016	EA	110KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	18,023.77	1,536.84
26 35 43 00-0017	EA	125KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	23,253.80	1,713.95
26 35 43 00-0018	EA	165KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	35,661.36	1,942.48
26 35 43 00-0019	EA	220KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	53,327.14	2,171.01

26 35 53 Voltage Regulators (26 35)

26 35 53 00-0001 Voltage Regulators, 480/277 Or 208/120 Volt, 3 Phase (26 35 53)

Note: For diesel motor generator sets mounted in switchgear cabinet.				
26 35 53 00-0002	EA	50 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear	6,884.77	1,816.79
26 35 53 00-0003	EA	75 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear	7,830.20	2,285.27
26 35 53 00-0004	EA	100 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear	8,700.78	2,719.48

26 36 Transfer Switches (26 30)

26 36 13 Manual Transfer Switches (26 36)

26 36 13 00-0001 Fused Manual Transfer Switches (26 36 13)

26 Electrical**26 30 Facility Electrical Power Generating and Storing Equipment****26 36 Transfer Switches**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 36 13 00-0002	EA	30 Amperes, Manual Transfer Switch, Fused, 3 Pole, 480 Volt.....	1,347.17	199.96
26 36 13 00-0003	EA	60 Amperes, Manual Transfer Switch, Fused, 3 Pole, 480 Volt.....	1,567.24	248.41

26 36 13 00-0004 Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure

26 36 13 00-0005	EA	40 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT40).....	3,391.17	293.64
		<i>For NEMA 3R Enclosure, Add</i>	1,103.40	
		<i>For NEMA 12 Enclosure, Add</i>	1,038.49	
26 36 13 00-0006	EA	70 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT70).....	3,751.41	352.36
		<i>For NEMA 3R Enclosure, Add</i>	1,103.40	
		<i>For NEMA 12 Enclosure, Add</i>	1,038.49	
26 36 13 00-0007	EA	125 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT125).....	4,255.64	411.09
		<i>For NEMA 3R Enclosure, Add</i>	1,103.40	
		<i>For NEMA 12 Enclosure, Add</i>	1,038.49	
26 36 13 00-0008	EA	150 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT150).....	5,292.69	469.82
		<i>For NEMA 3R Enclosure, Add</i>	1,298.12	
		<i>For NEMA 12 Enclosure, Add</i>	1,038.49	
26 36 13 00-0009	EA	225 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT225).....	6,562.52	528.55
		<i>For NEMA 3R Enclosure, Add</i>	1,298.12	
		<i>For NEMA 12 Enclosure, Add</i>	1,038.49	
26 36 13 00-0010	EA	260 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT260).....	7,379.76	587.27
		<i>For NEMA 3R Enclosure, Add</i>	1,298.12	
		<i>For NEMA 12 Enclosure, Add</i>	1,038.49	
26 36 13 00-0011	EA	300 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT300).....	8,210.09	646.00
		<i>For NEMA 3R Enclosure, Add</i>	1,531.77	
		<i>For NEMA 12 Enclosure, Add</i>	1,298.12	
26 36 13 00-0012	EA	400 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT400).....	9,650.94	704.73
		<i>For NEMA 3R Enclosure, Add</i>	1,531.77	
		<i>For NEMA 12 Enclosure, Add</i>	1,298.12	
26 36 13 00-0013	EA	600 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT600).....	12,775.06	880.91
		<i>For NEMA 3R Enclosure, Add</i>	1,531.77	
		<i>For NEMA 12 Enclosure, Add</i>	1,298.12	
26 36 13 00-0014	EA	800 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT800).....	14,357.99	1,057.09
		<i>For NEMA 3R Enclosure, Add</i>	1,882.26	
		<i>For NEMA 12 Enclosure, Add</i>	1,817.36	
26 36 13 00-0015	EA	1,000 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT1000).....	19,148.05	1,500.94
		<i>For NEMA 3R Enclosure, Add</i>	1,882.26	
		<i>For NEMA 12 Enclosure, Add</i>	1,817.36	

26 36 23 Automatic Transfer Switches (26 36)**26 36 23 00-0001 Automatic Transfer Switch (26 36 23)****26 36 23 00-0002 Automatic Transfer Switch, 2 Pole Circuit Breaker, NEMA 1 Enclosure (26 36 23**

00-0001)

Note: Programmable, 120/240 volt single phase, 3 wire.

26 36 23 00-0003	EA	100 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire.....	3,031.55	411.09
26 36 23 00-0004	EA	225 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire.....	4,130.99	528.55
26 36 23 00-0005	EA	400 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire.....	6,596.67	704.73
26 36 23 00-0006	EA	600 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire.....	10,787.62	880.91

26 36 23 00-0007 Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (26 36 23

00-0001)

26 36 23 00-0008	EA	40 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC40).....	5,088.26	293.64
		<i>For NEMA 3R Enclosure, Add</i>	1,103.40	
		<i>For NEMA 4 Enclosure, Add</i>	1,168.30	
		<i>For NEMA 12 Enclosure, Add</i>	1,168.30	
26 36 23 00-0009	EA	70 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC70).....	5,870.97	352.36
		<i>For NEMA 3R Enclosure, Add</i>	1,103.40	
		<i>For NEMA 4 Enclosure, Add</i>	1,168.30	
		<i>For NEMA 12 Enclosure, Add</i>	1,168.30	
26 36 23 00-0010	EA	125 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC125).....	6,447.81	411.09
		<i>For NEMA 3R Enclosure, Add</i>	1,103.40	
		<i>For NEMA 4 Enclosure, Add</i>	1,168.30	
		<i>For NEMA 12 Enclosure, Add</i>	1,168.30	
26 36 23 00-0011	EA	150 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC150).....	7,675.63	469.82
		<i>For NEMA 3R Enclosure, Add</i>	1,298.12	
		<i>For NEMA 4 Enclosure, Add</i>	1,687.54	
		<i>For NEMA 12 Enclosure, Add</i>	1,168.30	
26 36 23 00-0012	EA	225 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC225).....	8,766.60	528.55
		<i>For NEMA 3R Enclosure, Add</i>	1,298.12	
		<i>For NEMA 4 Enclosure, Add</i>	1,687.54	
		<i>For NEMA 12 Enclosure, Add</i>	1,168.30	
26 36 23 00-0013	EA	260 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC260).....	9,673.09	587.27
		<i>For NEMA 3R Enclosure, Add</i>	1,298.12	
		<i>For NEMA 4 Enclosure, Add</i>	1,687.54	
		<i>For NEMA 12 Enclosure, Add</i>	1,168.30	
26 36 23 00-0014	EA	300 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC300).....	10,098.78	646.00
		<i>For NEMA 3R Enclosure, Add</i>	1,531.77	
		<i>For NEMA 4 Enclosure, Add</i>	1,817.36	
		<i>For NEMA 12 Enclosure, Add</i>	1,298.12	
26 36 23 00-0015	EA	400 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC400).....	11,427.76	704.73
		<i>For NEMA 3R Enclosure, Add</i>	1,531.77	
		<i>For NEMA 4 Enclosure, Add</i>	1,817.36	
		<i>For NEMA 12 Enclosure, Add</i>	1,298.12	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 36 23 00-0016	EA 600 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC600)	15,683.68	880.91
	For NEMA 3R Enclosure, Add	1,531.77	
	For NEMA 4 Enclosure, Add	1,817.36	
	For NEMA 12 Enclosure, Add	1,298.12	
26 36 23 00-0017	EA 800 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC800)	17,570.08	1,057.09
	For NEMA 3R Enclosure, Add	1,882.26	
	For NEMA 4 Enclosure, Add	2,076.99	
	For NEMA 12 Enclosure, Add	1,817.36	
26 36 23 00-0018	EA 1,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1000)	22,902.82	1,500.94
	For NEMA 3R Enclosure, Add	1,882.26	
	For NEMA 4 Enclosure, Add	2,076.99	
	For NEMA 12 Enclosure, Add	1,817.36	
26 36 23 00-0019	EA 1,200 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1200)	29,807.90	1,626.02
	For NEMA 3R Enclosure, Add	4,153.96	
	For NEMA 4 Enclosure, Add	2,336.60	
	For NEMA 12 Enclosure, Add	1,947.17	
26 36 23 00-0020	EA 1,600 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1600)	31,742.31	1,876.18
	For NEMA 3R Enclosure, Add	6,750.17	
	For NEMA 4 Enclosure, Add	8,307.90	
	For NEMA 12 Enclosure, Add	6,750.17	
26 36 23 00-0021	EA 2,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC2000)	36,298.28	2,126.33
	For NEMA 3R Enclosure, Add	6,750.17	
	For NEMA 4 Enclosure, Add	8,307.90	
	For NEMA 12 Enclosure, Add	6,750.17	
26 36 23 00-0022	EA 3,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC3000)	43,823.92	2,626.64
	For NEMA 3R Enclosure, Add	6,750.17	
26 36 23 00-0023	EA 4,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC4000)	76,437.28	3,126.96
	For NEMA 3R Enclosure, Add	12,513.77	

26 36 23 00-0024 Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure

26 36 23 00-0025	EA 150 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC150).....	25,094.73	2,231.63
	For NEMA 3R Enclosure, Add	2,271.70	
	For NEMA 4 Enclosure, Add	2,336.60	
	For NEMA 12 Enclosure, Add	1,233.22	
26 36 23 00-0026	EA 225 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC225).....	26,189.13	2,349.09
	For NEMA 3R Enclosure, Add	2,271.70	
	For NEMA 4 Enclosure, Add	2,336.60	
	For NEMA 12 Enclosure, Add	1,233.22	
26 36 23 00-0027	EA 260 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC260).....	27,452.36	2,466.55
	For NEMA 3R Enclosure, Add	2,271.70	
	For NEMA 4 Enclosure, Add	2,336.60	
	For NEMA 12 Enclosure, Add	1,233.22	
26 36 23 00-0028	EA 300 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC300).....	30,722.11	2,525.27
	For NEMA 3R Enclosure, Add	2,271.70	
	For NEMA 4 Enclosure, Add	2,336.60	
	For NEMA 12 Enclosure, Add	1,233.22	
26 36 23 00-0029	EA 400 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC400).....	35,577.52	2,583.99
	For NEMA 3R Enclosure, Add	2,271.70	
	For NEMA 4 Enclosure, Add	2,336.60	
	For NEMA 12 Enclosure, Add	1,233.22	
26 36 23 00-0030	EA 600 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC600).....	42,863.50	2,701.45
	For NEMA 3R Enclosure, Add	2,271.70	
	For NEMA 4 Enclosure, Add	2,336.60	
	For NEMA 12 Enclosure, Add	1,298.12	
26 36 23 00-0031	EA 800 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC800).....	47,310.77	2,818.91
	For NEMA 3R Enclosure, Add	2,336.60	
	For NEMA 4 Enclosure, Add	2,336.60	
	For NEMA 12 Enclosure, Add	1,427.93	
26 36 23 00-0032	EA 1,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1000).....	59,537.98	3,288.72
	For NEMA 3R Enclosure, Add	2,336.60	
	For NEMA 4 Enclosure, Add	2,336.60	
	For NEMA 12 Enclosure, Add	1,427.93	
26 36 23 00-0033	EA 1,200 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1200).....	78,404.66	3,752.35
	For NEMA 3R Enclosure, Add	10,384.87	
	For NEMA 4 Enclosure, Add	12,981.09	
	For NEMA 12 Enclosure, Add	10,384.87	
26 36 23 00-0034	EA 1,600 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1600).....	102,579.61	4,002.51
	For NEMA 3R Enclosure, Add	22,067.84	
	For NEMA 4 Enclosure, Add	22,067.84	
	For NEMA 12 Enclosure, Add	20,562.05	
26 36 23 00-0035	EA 2,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC2000).....	116,529.51	4,377.74
	For NEMA 3R Enclosure, Add	22,067.84	
	For NEMA 4 Enclosure, Add	22,067.84	
	For NEMA 12 Enclosure, Add	20,562.05	
26 36 23 00-0036	EA 3,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC3000).....	187,018.74	5,003.13
	For NEMA 3R Enclosure, Add	27,260.27	
26 36 23 00-0037	EA 4,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC4000).....	201,792.79	5,628.53
	For NEMA 3R Enclosure, Add	27,260.27	

26 Electrical**26 30 Facility Electrical Power Generating and Storing Equipment****26 36 Transfer Switches**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0038			Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure <small>(26 36 23 00-0001)</small>		
26 36 23 00-0039	EA		40 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE40).....	8,363.42	293.64
			<i>For NEMA 3R Enclosure, Add</i>	649.06	
			<i>For NEMA 12 Enclosure, Add</i>	1,168.30	
26 36 23 00-0040	EA		70 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE70).....	9,033.09	352.36
			<i>For NEMA 3R Enclosure, Add</i>	649.06	
			<i>For NEMA 12 Enclosure, Add</i>	1,168.30	
26 36 23 00-0041	EA		125 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE125).....	9,701.57	411.09
			<i>For NEMA 3R Enclosure, Add</i>	649.06	
			<i>For NEMA 12 Enclosure, Add</i>	1,168.30	
26 36 23 00-0042	EA		150 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE150).....	11,658.91	469.82
			<i>For Four Pole Circuit Breaker, Add</i>	3,245.27	
			<i>For NEMA 3R Enclosure, Add</i>	649.06	
			<i>For NEMA 12 Enclosure, Add</i>	1,168.30	
26 36 23 00-0043	EA		225 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE225).....	15,208.63	528.55
			<i>For Four Pole Circuit Breaker, Add</i>	3,245.27	
			<i>For NEMA 3R Enclosure, Add</i>	649.06	
			<i>For NEMA 12 Enclosure, Add</i>	1,168.30	
26 36 23 00-0044	EA		250 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE250).....	16,184.16	587.27
			<i>For Four Pole Circuit Breaker, Add</i>	3,245.27	
			<i>For NEMA 3R Enclosure, Add</i>	649.06	
			<i>For NEMA 12 Enclosure, Add</i>	1,168.30	
26 36 23 00-0045	EA		300 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE300).....	16,819.31	646.00
			<i>For Four Pole Circuit Breaker, Add</i>	4,413.57	
			<i>For NEMA 3R Enclosure, Add</i>	1,687.54	
			<i>For NEMA 12 Enclosure, Add</i>	1,298.12	
26 36 23 00-0046	EA		400 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE400).....	19,042.05	704.73
			<i>For Four Pole Circuit Breaker, Add</i>	4,413.57	
			<i>For NEMA 3R Enclosure, Add</i>	1,687.54	
			<i>For NEMA 12 Enclosure, Add</i>	1,298.12	
26 36 23 00-0047	EA		600 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE600).....	23,096.84	880.91
			<i>For Four Pole Circuit Breaker, Add</i>	4,413.57	
			<i>For NEMA 3R Enclosure, Add</i>	1,687.54	
			<i>For NEMA 12 Enclosure, Add</i>	1,298.12	
26 36 23 00-0048	EA		800 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE800).....	24,015.69	1,057.09
			<i>For Four Pole Circuit Breaker, Add</i>	6,295.83	
			<i>For NEMA 3R Enclosure, Add</i>	2,907.77	
			<i>For NEMA 12 Enclosure, Add</i>	1,817.36	
26 36 23 00-0049	EA		1,000 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE1000).....	28,472.52	1,500.94
			<i>For Four Pole Circuit Breaker, Add</i>	6,295.83	
			<i>For NEMA 3R Enclosure, Add</i>	2,907.77	
			<i>For NEMA 12 Enclosure, Add</i>	1,817.36	
26 36 23 00-0050			Accessories <small>(26 36 23)</small>		
26 36 23 00-0051	EA		Auxiliary Contacts For Automatic Transfer Switch.....	301.17	
26 36 23 00-0052	EA		Battery Charger For Automatic Transfer Switch.....	2,466.42	
26 36 23 00-0053	EA		Elevator Relay Signal For Automatic Transfer Switch.....	895.70	

26 40 Electrical And Cathodic Protection (26)**26 43 Surge Protective Devices** (26 40)**26 43 13 Surge Protective Devices for Low-Voltage Electrical Power Circuits** (26 43)

26 43 13 00-0001			25 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression <small>(26 43 13)</small>		
			Note: Liebert LPL		
26 43 13 00-0002	EA		120/240 Volt AC Single Phase, 3 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor.....	229.73	28.57
26 43 13 00-0003	EA		208 Volt AC Three Phase, 3 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor.....	247.24	28.57
26 43 13 00-0004	EA		240/120 Volt AC Three Phase, 4 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor.....	258.67	34.28
26 43 13 00-0005	EA		277 Volt AC Single Phase, 2 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor.....	213.30	22.85
26 43 13 00-0006	EA		480/277 Volt AC Three Phase, 4 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor.....	258.67	34.28
26 43 13 00-0007			50 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression <small>(26 43 13)</small>		
			Note: Liebert LPL		
26 43 13 00-0008	EA		120/240 Volt AC Single Phase, 3 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor.....	316.02	28.57
26 43 13 00-0009	EA		208/120 Volt AC Three Phase, 4 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor.....	337.46	34.28
26 43 13 00-0010	EA		208 Volt AC Three Phase, 3 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor.....	326.03	28.57
26 43 13 00-0011	EA		480/277 Volt AC Three Phase, 4 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor.....	337.46	34.28
26 43 13 00-0012			100 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression <small>(26 43 13)</small>		
			Note: Liebert LPL		
26 43 13 00-0013	EA		120/240 Volt AC Single Phase, 3 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor.....	381.06	28.57

MINOR		DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
CSI	UOM				
26 43 13 00-0014	EA	208/120 Volt AC Three Phase, 4 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor		402.50	34.28
26 43 13 00-0015	EA	277 Volt AC Single Phase, 2 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor		354.63	22.85
26 43 13 00-0016	EA	480/277 Volt AC Three Phase, 4 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor		402.50	34.28
26 43 13 00-0017		100 kA Low Exposure (65 kAIC) Transient Voltage Surge Suppression (26 43 13)			
		Note: Liebert LPM			
26 43 13 00-0018	EA	120/240 Volt AC Single Phase, 3 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor.....		448.60	28.57
26 43 13 00-0019	EA	208/120 Volt AC Three Phase, 4 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor		506.30	34.28
26 43 13 00-0020	EA	277 Volt AC Three Phase, 2 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor		423.42	22.85
26 43 13 00-0021		160 kA Low Exposure (65 kAIC) Transient Voltage Surge Suppression (26 43 13)			
		Note: Liebert LPM			
26 43 13 00-0022	EA	208/120 Volt AC Single Phase, 4 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor.....		787.71	34.28
26 43 13 00-0023	EA	208 Volt AC Three Phase, 3 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor		776.28	28.57
26 43 13 00-0024	EA	480/277 Volt AC Three Phase, 4 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor		787.71	34.28
26 43 13 00-0025		250 kA, 500 Joule Transient Voltage Surge Suppression (26 43 13)			
		Note: Liebert Interceptor Hybrid.			
26 43 13 00-0026	EA	LED Display, 120/208 Volt AC Three Phase, 250 kA Transient Voltage Surge Suppressor.....		7,639.12	57.13
26 43 13 00-0027	EA	Audible Alarm/LED Display, 120/208 Volt AC Three Phase, 250 kA Transient Voltage Surge Suppressor		9,345.28	57.13
26 43 13 00-0028		Class 1310 Transient Voltage Surge Suppression (26 43 13)			
		Note: Supplied with audible alarm, alarm enable/disable switch and dry contacts. Square D.			
26 43 13 00-0029		NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor (26 43 13 00-0028)			
		Note: Square D. EMA series.			
26 43 13 00-0030	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor		3,678.56	148.54
		For Integral Disconnect, Add		438.87	
		For Surge Counter, Add		335.40	
26 43 13 00-0031	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor		4,058.94	171.39
		For Integral Disconnect, Add		438.87	
		For Surge Counter, Add		335.40	
26 43 13 00-0032	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....		5,918.96	199.96
		For Integral Disconnect, Add		438.87	
		For Surge Counter, Add		335.40	
26 43 13 00-0033	EA	320 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....		7,865.91	228.53
		For Integral Disconnect, Add		438.87	
		For Surge Counter, Add		335.40	
26 43 13 00-0034	EA	480 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....		11,634.14	314.23
		For Integral Disconnect, Add		438.87	
		For Surge Counter, Add		335.40	
26 43 13 00-0035	EA	120 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....		3,836.98	148.54
		For Integral Disconnect, Add		438.87	
		For Surge Counter, Add		335.40	
26 43 13 00-0036	EA	160 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....		4,232.98	171.39
		For Integral Disconnect, Add		438.87	
		For Surge Counter, Add		335.40	
26 43 13 00-0037	EA	240 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....		6,187.83	199.96
		For Integral Disconnect, Add		438.87	
		For Surge Counter, Add		335.40	
26 43 13 00-0038	EA	320 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....		8,215.10	228.53
		For Integral Disconnect, Add		438.87	
		For Surge Counter, Add		335.40	
26 43 13 00-0039	EA	480 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....		12,173.00	314.23
		For Integral Disconnect, Add		438.87	
		For Surge Counter, Add		335.40	
26 43 13 00-0040	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....		3,836.98	148.54
		For Integral Disconnect, Add		438.87	
		For Surge Counter, Add		335.40	
26 43 13 00-0041	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....		4,232.98	171.39
		For Integral Disconnect, Add		438.87	
		For Surge Counter, Add		335.40	
26 43 13 00-0042	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....		6,187.78	199.96
		For Integral Disconnect, Add		438.87	
		For Surge Counter, Add		335.40	
26 43 13 00-0043	EA	320 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....		8,215.10	228.53
		For Integral Disconnect, Add		438.87	
		For Surge Counter, Add		335.40	
26 43 13 00-0044	EA	480 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....		12,173.00	314.23
		For Integral Disconnect, Add		438.87	
		For Surge Counter, Add		335.40	
26 43 13 00-0045	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....		3,995.42	148.54
		For Integral Disconnect, Add		438.87	
		For Surge Counter, Add		335.40	
26 43 13 00-0046	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....		4,409.25	171.39
		For Integral Disconnect, Add		438.87	
		For Surge Counter, Add		335.40	
26 43 13 00-0047	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....		6,458.92	199.96
		For Integral Disconnect, Add		438.87	
		For Surge Counter, Add		335.40	
26 43 13 00-0048	EA	320 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....		8,566.61	228.53
		For Integral Disconnect, Add		438.87	
		For Surge Counter, Add		335.40	

26 Electrical

26 40 Electrical And Cathodic Protection

26 43 Surge Protective Devices



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 43 13 00-0049	EA	480 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	12,714.04 438.87 335.40		314.23
26 43 13 00-0050	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	4,179.50 438.87 335.40		148.54
26 43 13 00-0051	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	4,592.26 438.87 335.40		171.39
26 43 13 00-0052	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	6,742.29 438.87 335.40		199.96
26 43 13 00-0053	EA	320 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	8,934.76 438.87 335.40		228.53
26 43 13 00-0054	EA	480 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	12,514.86 438.87 335.40		314.23
26 43 13 00-0055 NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor <small>(26 43 13 00-0028)</small>					
<small>Note: Square D EBA series.</small>					
26 43 13 00-0056	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	2,875.34 438.87 335.40		148.54
26 43 13 00-0057	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	3,472.17 438.87 335.40		171.39
26 43 13 00-0058	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	5,077.79 438.87 335.40		199.96
26 43 13 00-0059	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	2,965.70 438.87 335.40		148.54
26 43 13 00-0060	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	3,606.04 438.87 335.40		171.39
26 43 13 00-0061	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	5,252.94 438.87 335.40		199.96
26 43 13 00-0062	EA	120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	2,965.70 438.87 335.40		148.54
26 43 13 00-0063	EA	160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	3,606.04 438.87 335.40		171.39
26 43 13 00-0064	EA	240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	5,252.94 438.87 335.40		199.96
26 43 13 00-0065	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	3,080.61 438.87 335.40		148.54
26 43 13 00-0066	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	3,749.96 438.87 335.40		171.39
26 43 13 00-0067	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	5,477.17 438.87 335.40		199.96
26 43 13 00-0068	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	3,201.11 438.87 335.40		148.54
26 43 13 00-0069	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	3,902.80 438.87 335.40		171.39
26 43 13 00-0070	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	5,712.57 438.87 335.40		199.96
26 43 13 00-0071 NEMA 4X Modular Device Transient Voltage Surge Suppressor <small>(26 43 13 00-0028)</small>					
<small>Note: Square D EMA series. Stainless steel.</small>					
26 43 13 00-0072	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	4,732.82 438.87 335.40		148.54
26 43 13 00-0073	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	5,113.21 438.87 335.40		171.39
26 43 13 00-0074	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	6,973.22 438.87 335.40		199.96
26 43 13 00-0075	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	4,891.25 438.87 335.40		148.54
26 43 13 00-0076	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	5,287.24 438.87 335.40		171.39
26 43 13 00-0077	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	7,242.10 438.87 335.40		199.96

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 43 13 00-0078	EA	120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	4,891.25	148.54
		<i>For Integral Disconnect, Add</i>	438.87	
		<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0079	EA	160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,287.24	171.39
		<i>For Integral Disconnect, Add</i>	438.87	
		<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0080	EA	240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	7,242.05	199.96
		<i>For Integral Disconnect, Add</i>	438.87	
		<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0081	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,049.69	148.54
		<i>For Integral Disconnect, Add</i>	438.87	
		<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0082	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,463.52	171.39
		<i>For Integral Disconnect, Add</i>	438.87	
		<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0083	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	7,513.19	199.96
		<i>For Integral Disconnect, Add</i>	438.87	
		<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0084	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,233.77	148.54
		<i>For Integral Disconnect, Add</i>	438.87	
		<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0085	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,646.52	171.39
		<i>For Integral Disconnect, Add</i>	438.87	
		<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0086	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	7,796.56	199.96
		<i>For Integral Disconnect, Add</i>	438.87	
		<i>For Surge Counter, Add</i>	335.40	

26 43 13 00-0087 NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor (26 43 13 00-0028)
 Note: Square D EBA series. Stainless steel.

26 43 13 00-0088	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	3,929.60	148.54
		<i>For Integral Disconnect, Add</i>	438.87	
		<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0089	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,526.43	171.39
		<i>For Integral Disconnect, Add</i>	438.87	
		<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0090	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,132.05	199.96
		<i>For Integral Disconnect, Add</i>	438.87	
		<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0091	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,019.96	148.54
		<i>For Integral Disconnect, Add</i>	438.87	
		<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0092	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,660.31	171.39
		<i>For Integral Disconnect, Add</i>	438.87	
		<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0093	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,307.20	199.96
		<i>For Integral Disconnect, Add</i>	438.87	
		<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0094	EA	120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,019.96	148.54
		<i>For Integral Disconnect, Add</i>	438.87	
		<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0095	EA	160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,660.31	171.39
		<i>For Integral Disconnect, Add</i>	438.87	
		<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0096	EA	240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,307.20	199.96
		<i>For Integral Disconnect, Add</i>	438.87	
		<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0097	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,134.88	148.54
		<i>For Integral Disconnect, Add</i>	438.87	
		<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0098	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,804.22	171.39
		<i>For Integral Disconnect, Add</i>	438.87	
		<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0099	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,531.44	199.96
		<i>For Integral Disconnect, Add</i>	438.87	
		<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0100	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,255.37	148.54
		<i>For Integral Disconnect, Add</i>	438.87	
		<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0101	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,957.06	171.39
		<i>For Integral Disconnect, Add</i>	438.87	
		<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0102	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,766.83	199.96
		<i>For Integral Disconnect, Add</i>	438.87	
		<i>For Surge Counter, Add</i>	335.40	

26 43 23 Surge Protective Devices for Lightning Protection (26 43)

26 43 23 00-0001 Surge And Lightning Arrestors (26 43 23)

26 43 23 00-0002 Metal Top Intermediate Type IMX (26 43 23 00-0001)

Note: For outdoor construction, single phase.

26 43 23 00-0003	EA	3 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,202.50	258.84
26 43 23 00-0004	EA	4.5 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,309.03	258.84
26 43 23 00-0005	EA	6 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,309.03	258.84
26 43 23 00-0006	EA	7.5 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,506.87	258.84
26 43 23 00-0007	EA	9 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,506.87	258.84

26 Electrical
26 40 Electrical And Cathodic Protection
26 43 Surge Protective Devices

		MINOR			TOTAL DIRECT	DEMOLITION
		CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 43 23 00-0008	EA	10 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase			1,671.23	258.84
26 43 23 00-0009	EA	12 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase			1,671.23	258.84
26 43 23 00-0010	EA	15 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase			2,287.63	323.55
26 43 23 00-0011	EA	18 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase			2,372.86	323.55
26 43 23 00-0012	EA	21 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase			2,599.23	388.26
26 43 23 00-0013	EA	24 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase			2,818.38	388.26
26 43 23 00-0014	EA	27 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase			3,369.28	388.26
26 43 23 00-0015 Porcelain Top Intermediate Type IMX (26 43 23 00-0001)						
Note: For cubicle mounting, single phase.						
26 43 23 00-0016	EA	3 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....			1,202.50	258.84
26 43 23 00-0017	EA	4.5 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....			1,309.03	258.84
26 43 23 00-0018	EA	6 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....			1,309.03	258.84
26 43 23 00-0019	EA	7.5 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....			1,506.87	258.84
26 43 23 00-0020	EA	9 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....			1,506.87	258.84
26 43 23 00-0021	EA	10 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....			1,671.23	258.84
26 43 23 00-0022	EA	12 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....			1,671.23	258.84
26 43 23 00-0023	EA	15 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....			2,287.63	323.55
26 43 23 00-0024	EA	18 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....			2,372.86	323.55
26 43 23 00-0025	EA	21 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....			2,599.23	388.26
26 43 23 00-0026	EA	24 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....			2,818.38	388.26
26 43 23 00-0027	EA	27 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....			3,369.28	388.26
26 43 23 00-0028 IMX Accessories (26 43 23 00-0001)						
26 43 23 00-0029	EA	1 Crossarm Bracket Reversible 3-27 KV IMX.....			983.36	258.84
26 43 23 00-0030	EA	Single Unit Horizontal Pole Mounted Bracket (IMX)			971.19	258.84
26 43 23 00-0031	EA	3 Unit Horizontal Pole Mounted Bracket (IMX)			880.00	258.84
26 43 23 00-0032 Lightning Arrestor And Cutouts (26 43 23 00-0001)						
26 43 23 00-0033	EA	3 KV La Distribution Class, Lightning Arrestor			642.47	258.84
26 43 23 00-0034	EA	3 KV La Interior Class, Lightning Arrestor			1,283.59	258.84
26 43 23 00-0035	EA	3 KV La Station Class, Lightning Arrestor			1,202.50	258.84
26 43 23 00-0036	EA	9 KV La Distribution Class, Lightning Arrestor			709.43	258.84
26 43 23 00-0037	EA	9 KV La Interior Class, Lightning Arrestor			1,461.09	258.84
26 43 23 00-0038	EA	9 KV La Station Class, Lightning Arrestor			1,506.87	258.84
26 43 23 00-0039	EA	5 KV Enclosed Fused Cutout			813.52	258.84
26 43 23 00-0040	EA	15 KV Open Fused Cutout			869.29	323.55
26 43 23 00-0041	EA	18 KV La Distribution Class, Lightning Arrestor			674.21	258.84
26 43 23 00-0042	EA	18 KV La Interior Class, Lightning Arrestor			1,555.97	258.84
26 50 Lighting (26)						
Note: Includes testing of fixture, a set of lamps (light bulbs), wire nuts, ground wire connector, fixture whip, ballast(s), mounting brackets where necessary and cable connectors. Lay-in fixtures include support wire, clips and seismic supports.						
26 51 Interior Lighting (26 50)						
26 51 13 Incandescent Interior Lighting (26 51)						
26 51 13 00-0001 Recessed Fixtures (26 51 13)						
Note: Housing and trim priced separately.						
26 51 13 00-0002 Incandescent, Recessed Fixture Housings (26 51 13 00-0001)						
26 51 13 00-0003	EA	4" Round, Incandescent, T Or ICT Recessed Fixture Housing			78.61	32.68
26 51 13 00-0004	EA	5" Round, Incandescent, T Or ICT Recessed Fixture Housing			78.61	32.68
26 51 13 00-0005	EA	6" Round, Incandescent, T Or ICT Recessed Fixture Housing			83.43	34.28
26 51 13 00-0006	EA	7" Round, Incandescent, T Or ICT Recessed Fixture Housing			88.42	35.76
26 51 13 00-0007	EA	8" Round, Incandescent, T Or ICT Recessed Fixture Housing			93.43	37.25
26 51 13 00-0008	EA	10" To 12" Square, Incandescent, T Or ICT Recessed Fixture Housing.....			95.29	39.53
26 51 13 00-0009 Recessed Fixture Trim (26 51 13 00-0001)						
26 51 13 00-0010	EA	Circular, Recessed Fixture Trim			60.46	16.00
26 51 13 00-0011	EA	Circular Clear Lens, Recessed Fixture Trim			67.14	16.00
26 51 13 00-0012	EA	Open/Baffle, Recessed Fixture Trim			78.72	16.00
26 51 13 00-0013	EA	Specular Reflector, Recessed Fixture Trim			84.85	16.00
26 51 13 00-0014	EA	Eyeball, Recessed Fixture Trim			67.24	16.00
26 51 13 00-0015	EA	10" To 12" Square, Clear Lens, Recessed Fixture Trim			63.66	16.00
26 51 13 00-0016	EA	10" To 12" Square, Drop Dish, Recessed Fixture Trim.....			67.77	16.00
26 51 13 00-0017 Track Lighting (26 51 13)						
26 51 13 00-0018 Track Lighting Tracks (26 51 13 00-0017)						
26 51 13 00-0019	LF	1 Circuit Track Lighting Track			23.42	7.54
26 51 13 00-0020	LF	2 Circuit Track Lighting Track			30.33	7.54
26 51 13 00-0021	LF	3 Circuit Track Lighting Track			36.23	7.54
26 51 13 00-0022	LF	4 Circuit Track Lighting Track			42.14	9.14
26 51 13 00-0023 Incandescent Track Lighting Fixtures (26 51 13 00-0017)						
26 51 13 00-0024	EA	Incandescent Track Lighting Fixture, 120 Volt.....			78.14	19.08

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0025	EA		Par 20 Track Fixture, White Or Black Finish, 120 Volt.....	57.17	19.08
26 51 13 00-0026	EA		Par 30 Track Fixture, White Or Black Finish, 120 Volt.....	79.26	19.08
26 51 13 00-0027	EA		Par 38 Track Fixture, White Or Black Finish, 120 Volt.....	81.45	19.08
26 51 13 00-0028	EA		PAR 16, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt.....	67.17	19.08
26 51 13 00-0029	EA		PAR 20, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt.....	57.17	19.08
26 51 13 00-0030	EA		PAR 30, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt.....	66.12	19.08
			Note: 120V.		
26 51 13 00-0031	EA		PAR 38, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt.....	83.64	19.08
26 51 13 00-0032			Track Lighting Accessories (26 51 13 00-0017)		
26 51 13 00-0033			Pendant Mounting (26 51 13 00-0032)		
26 51 13 00-0034	EA		Track Lighting Pendant Mounting, Up to 12".....	25.86	
26 51 13 00-0035	EA		Track Lighting Pendant Mounting, >12" To 24".....	33.10	
26 51 13 00-0036	EA		Track Lighting Pendant Mounting, >24" To 36".....	40.30	
26 51 13 00-0037			Wet Location, Dust Resistant, Vapor Tight Fixtures (26 51 13)		
26 51 13 00-0038			Incandescent, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures (26 51 13 00-0037)		
26 51 13 00-0039	EA		100 Watt Incandescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture.....	126.89	45.71
26 51 13 00-0040	EA		200 Watt Incandescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture.....	145.31	45.71
26 51 16			Fluorescent Interior Lighting (26 51)		
26 51 16 00-0001			Fluorescent Fixtures (26 51 16)		
26 51 16 00-0002			Surface Mounted, Wraparound Fluorescent Fixtures (26 51 16 00-0001)		
26 51 16 00-0003			6" x 2', Surface Mounted, Wraparound Fluorescent Fixtures (26 51 16 00-0002)		
26 51 16 00-0004	EA		1 T8 Lamp, 6" x 2', Surface Mounted, Wraparound Fluorescent Fixture.....	172.57	32.68
26 51 16 00-0005	EA		2 T8 Lamps, 6" x 2', Surface Mounted, Wraparound Fluorescent Fixture.....	194.29	32.68
26 51 16 00-0006			6" x 4', Surface Mounted, Wraparound Fluorescent Fixtures (26 51 16 00-0002)		
26 51 16 00-0007	EA		1 T8 Lamp, 6" x 4', Surface Mounted, Wraparound Fluorescent Fixture.....	195.63	34.03
26 51 16 00-0008	EA		2 T8 Lamps, 6" x 4', Surface Mounted, Wraparound Fluorescent Fixture.....	220.10	34.03
26 51 16 00-0009			1' x 4', Surface Mounted, Wraparound Fluorescent Fixtures (26 51 16 00-0002)		
26 51 16 00-0010	EA		2 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture.....	234.43	38.20
26 51 16 00-0011	EA		3 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture.....	278.98	38.20
26 51 16 00-0012	EA		4 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture.....	327.91	38.20
26 51 16 00-0013			2' x 2', Surface Mounted, Wraparound Fluorescent Fixtures (26 51 16 00-0002)		
26 51 16 00-0014	EA		2 T8 Lamps, 2' x 2', Surface Mounted, Wraparound Fluorescent Fixture.....	189.83	41.75
26 51 16 00-0015	EA		3 T8 Lamps, 2' x 2', Surface Mounted, Wraparound Fluorescent Fixture.....	219.90	41.75
26 51 16 00-0016			2' x 4', Surface Mounted, Wraparound Fluorescent Fixtures (26 51 16 00-0002)		
26 51 16 00-0017	EA		2 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture.....	299.37	48.64
26 51 16 00-0018	EA		3 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture.....	323.26	48.64
26 51 16 00-0019	EA		4 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture.....	367.75	48.64
26 51 16 00-0020			Surface Mounted, Box Type Fluorescent Fixtures (26 51 16 00-0001)		
			Note: Includes prismatic lens.		
26 51 16 00-0021			1' x 4', Surface Mounted, Box Type Fluorescent Fixtures (26 51 16 00-0020)		
26 51 16 00-0022	EA		2 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	233.13	37.89
26 51 16 00-0023	EA		3 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	379.23	37.89
26 51 16 00-0024	EA		4 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	433.34	37.89
26 51 16 00-0025			2' x 2', Surface Mounted, Box Type Fluorescent Fixtures (26 51 16 00-0020)		
26 51 16 00-0026	EA		2 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture.....	362.24	41.75
26 51 16 00-0027	EA		3 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture.....	396.07	41.75
26 51 16 00-0028	EA		4 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture.....	420.58	41.75
26 51 16 00-0029			2' x 4', Surface Mounted, Box Type Fluorescent Fixtures (26 51 16 00-0020)		
26 51 16 00-0030	EA		2 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	368.76	48.64
26 51 16 00-0031	EA		3 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	405.51	48.64
26 51 16 00-0032	EA		4 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	426.24	48.64
26 51 16 00-0033	EA		6 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	458.33	48.64
26 51 16 00-0034			4' x 4', Surface Mounted, Box Type Fluorescent Fixtures (26 51 16 00-0020)		
26 51 16 00-0035	EA		4 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	732.27	62.63
26 51 16 00-0036	EA		6 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	746.46	62.63
26 51 16 00-0037	EA		8 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	658.65	62.63

26 Electrical**26 50 Lighting****26 51 Interior Lighting**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

 MINOR
 CSI UOM DESCRIPTION

26 51 16 00-0038	Recessed Fluorescent Fixtures (26 51 16 00-0001)		
26 51 16 00-0039	Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures (26 51 16 00-0038)		
26 51 16 00-0040	1' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture (26 51 16 00-0039)		
26 51 16 00-0041	EA 2 T8 Lamps, 1' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture For Drywall Or Plaster Ceilings, Add	266.25 22.08	32.68
26 51 16 00-0042	1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture (26 51 16 00-0039)		
26 51 16 00-0043	EA 2 T8 Lamps, 1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture For Drywall Or Plaster Ceilings, Add	348.34 25.83	37.89
26 51 16 00-0044	EA 2 T5 Lamps, 1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture For Drywall Or Plaster Ceilings, Add	632.99 25.83	37.89
26 51 16 00-0045	2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture (26 51 16 00-0039)		
26 51 16 00-0046	EA 2 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture For Drywall Or Plaster Ceilings, Add	351.57 28.18	41.75
26 51 16 00-0047	EA 3 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture For Drywall Or Plaster Ceilings, Add	402.60 28.18	41.75
26 51 16 00-0048	EA 4 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture For Drywall Or Plaster Ceilings, Add	408.12 28.19	41.75
26 51 16 00-0049	EA 2 T5 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture For Drywall Or Plaster Ceilings, Add	440.78 28.18	41.75
26 51 16 00-0050	2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture (26 51 16 00-0039)		
26 51 16 00-0051	EA 2 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture For Drywall Or Plaster Ceilings, Add	342.12 32.89	48.64
26 51 16 00-0052	EA 3 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture For Drywall Or Plaster Ceilings, Add	475.73 32.89	48.64
26 51 16 00-0053	EA 4 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture For Drywall Or Plaster Ceilings, Add	482.83 32.89	48.64
26 51 16 00-0054	EA 6 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture For Drywall Or Plaster Ceilings, Add	540.82 32.89	48.64
26 51 16 00-0055	EA 2 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture For Drywall Or Plaster Ceilings, Add	460.53 32.89	48.64
26 51 16 00-0056	EA 3 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture For Drywall Or Plaster Ceilings, Add	630.03 32.89	48.64
26 51 16 00-0057	EA 4 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture For Drywall Or Plaster Ceilings, Add	645.35 32.89	48.64
26 51 16 00-0058	Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures (26 51 16 00-0038)		
26 51 16 00-0059	1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures (26 51 16 00-0058)		
26 51 16 00-0060	EA 1 T8 Lamp, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture For Drywall Or Plaster Ceilings, Add	309.40 22.08	32.68
26 51 16 00-0061	EA 2 T8 Lamps, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture For Drywall Or Plaster Ceilings, Add	314.91 22.08	32.68
26 51 16 00-0062	EA 3 T8 Lamps, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture For Drywall Or Plaster Ceilings, Add	369.07 22.08	32.68
26 51 16 00-0063	1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures (26 51 16 00-0058)		
26 51 16 00-0064	EA 1 T8 Lamp, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture For Drywall Or Plaster Ceilings, Add	352.36 25.83	37.89
26 51 16 00-0065	EA 2 T8 Lamps, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture For Drywall Or Plaster Ceilings, Add	359.46 25.83	37.89
26 51 16 00-0066	EA 3 T8 Lamps, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture For Drywall Or Plaster Ceilings, Add	406.53 25.83	37.89
26 51 16 00-0067	2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures (26 51 16 00-0058)		
26 51 16 00-0068	EA 2 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture For Drywall Or Plaster Ceilings, Add	362.15 28.19	41.75
26 51 16 00-0069	EA 3 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture For Drywall Or Plaster Ceilings, Add	367.65 28.19	41.75
26 51 16 00-0070	EA 4 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture For Drywall Or Plaster Ceilings, Add	421.02 28.19	41.75
26 51 16 00-0071	2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures (26 51 16 00-0058)		
26 51 16 00-0072	EA 2 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture For Drywall Or Plaster Ceilings, Add	342.12 32.89	48.64
26 51 16 00-0073	EA 3 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture For Drywall Or Plaster Ceilings, Add	400.50 32.89	48.64
26 51 16 00-0074	EA 4 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture For Drywall Or Plaster Ceilings, Add	456.07 32.89	48.64
26 51 16 00-0075	EA 6 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture For Drywall Or Plaster Ceilings, Add	518.92 32.89	48.64

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 51 16 00-0076	Direct-Indirect, Recessed Fluorescent Fixtures <small>(26 51 16 00-0038)</small>		
26 51 16 00-0077	1' x 4', Direct-Indirect, Recessed Fluorescent Fixtures <small>(26 51 16 00-0076)</small>		
26 51 16 00-0078	EA 1 T8 Lamp, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	657.54 25.83	37.89
26 51 16 00-0079	EA 2 T8 Lamps, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	664.64 25.83	37.89
26 51 16 00-0080	EA 1 T5 Lamp, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	780.85 25.83	37.89
26 51 16 00-0081	EA 2 T5 Lamps, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	796.17 25.83	37.89
26 51 16 00-0082	2' x 2', Direct-Indirect, Recessed Fluorescent Fixtures <small>(26 51 16 00-0076)</small>		
26 51 16 00-0083	EA 2 T8 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	523.12 28.18	41.75
26 51 16 00-0084	EA 3 T8 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	583.93 28.18	41.75
26 51 16 00-0085	EA 2 T5 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	717.97 28.18	41.75
26 51 16 00-0086	2' x 4', Direct-Indirect, Recessed Fluorescent Fixtures <small>(26 51 16 00-0076)</small>		
26 51 16 00-0087	EA 2 T8 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	587.85 32.89	48.64
26 51 16 00-0088	EA 3 T8 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	726.34 32.89	48.64
26 51 16 00-0089	EA 1 T5 Lamp, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	769.02 32.89	48.64
26 51 16 00-0090	EA 2 T5 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	847.24 32.89	48.64
26 51 16 00-0091	Volumetric, Recessed Fluorescent Fixtures <small>(26 51 16 00-0038)</small>		
26 51 16 00-0092	1' x 4', Volumetric, Recessed Fluorescent Fixtures <small>(26 51 16 00-0091)</small>		
26 51 16 00-0093	EA 2 T8 Lamps, 1' x 4', Volumetric, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	512.57 25.83	37.89
26 51 16 00-0094	EA 2 T5 Lamps, 1' x 4', Volumetric, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	677.89 25.83	37.89
26 51 16 00-0095	2' x 2', Volumetric, Recessed Fluorescent Fixtures <small>(26 51 16 00-0091)</small>		
26 51 16 00-0096	EA 2 T8 Lamps, 2' x 2', Volumetric, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	511.19 28.18	41.75
26 51 16 00-0097	EA 2 T5 Lamps, 2' x 2', Volumetric, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	585.11 28.18	41.75
26 51 16 00-0098	2' x 4', Volumetric, Recessed Fluorescent Fixtures <small>(26 51 16 00-0091)</small>		
26 51 16 00-0099	EA 2 T8 Lamps, 2' x 4', Volumetric, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	567.32 32.89	48.64
26 51 16 00-0100	EA 2 T5 Lamps, 2' x 4', Volumetric, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	568.55 32.89	48.64
26 51 16 00-0101	Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 16 00-0038)</small>		
26 51 16 00-0102	1' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 16 00-0101)</small>		
26 51 16 00-0103	EA 2 T8 Lamps, 1' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	480.99 25.83	37.89
26 51 16 00-0104	2' x 2', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 16 00-0101)</small>		
26 51 16 00-0105	EA 2 T8 Lamps, 2' x 2', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	459.74 28.18	41.75
26 51 16 00-0106	2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 16 00-0101)</small>		
26 51 16 00-0107	EA 2 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	556.59 32.89	48.64
26 51 16 00-0108	EA 3 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	591.62 32.89	48.64
26 51 16 00-0109	EA 4 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	641.15 32.89	48.64
26 51 16 00-0110	Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 16 00-0038)</small>		
26 51 16 00-0111	1' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 16 00-0110)</small>		

26 Electrical**26 50 Lighting****26 51 Interior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0112	EA		2 T8 Lamps, 1' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	458.54 25.83	37.89
26 51 16 00-0113			2' x 2', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 16 00-0110)</small>		
26 51 16 00-0114	EA		2 T8 Lamps, 2' x 2', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	459.21 28.18	41.75
26 51 16 00-0115			2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 16 00-0110)</small>		
26 51 16 00-0116	EA		2 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	569.19 32.89	48.64
26 51 16 00-0117	EA		3 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	580.67 32.89	48.64
26 51 16 00-0118	EA		4 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	597.06 32.89	48.64
26 51 16 00-0119			Striplight Fluorescent Fixtures <small>(26 51 16 00-0001)</small>		
26 51 16 00-0120			1 Lamp Cross Section, Striplight Fluorescent Fixtures <small>(26 51 16 00-0119)</small>		
26 51 16 00-0121	EA		1-1/2' Length, 1 T8 Lamp, Striplight Fluorescent Fixture	197.72	31.31
26 51 16 00-0122	EA		2' Length, 1 T8 Lamp, Striplight Fluorescent Fixture	241.63	31.31
26 51 16 00-0123	EA		3' Length, 1 T8 Lamp, Striplight Fluorescent Fixture	238.16	34.76
26 51 16 00-0124	EA		4' Length, 1 T8 Lamp, Striplight Fluorescent Fixture	243.92	38.20
26 51 16 00-0125	EA		8' Length, 1 T8 Lamp, Striplight Fluorescent Fixture	298.37	45.25
26 51 16 00-0126			2 Lamp Cross Section, Striplight Fluorescent Fixtures <small>(26 51 16 00-0119)</small>		
26 51 16 00-0127	EA		2' Length, 2 T8 Lamps, Striplight Fluorescent Fixture	242.61	34.76
26 51 16 00-0128	EA		3' Length, 2 T8 Lamps, Striplight Fluorescent Fixture	249.93	38.20
26 51 16 00-0129	EA		4' Length, 2 T8 Lamps, Striplight Fluorescent Fixture	256.24	41.75
26 51 16 00-0130			3 Lamp Cross Section, Striplight Fluorescent Fixtures <small>(26 51 16 00-0119)</small>		
26 51 16 00-0131	EA		2' Length, 3 T8 Lamps, Striplight Fluorescent Fixture	352.74	34.76
26 51 16 00-0132	EA		3' Length, 3 T8 Lamps, Striplight Fluorescent Fixture	341.64	38.20
26 51 16 00-0133	EA		4' Length, 3 T8 Lamps, Striplight Fluorescent Fixture	348.52	41.75
26 51 16 00-0134			Display Case Fluorescent Fixtures <small>(26 51 16 00-0119)</small>		
26 51 16 00-0135	EA		1 T8 Lamp, 1-1/2' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU15W).....	140.63	34.28
26 51 16 00-0136	EA		1 T8 Lamp, 2' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU20W).....	183.42	34.28
26 51 16 00-0137	EA		1 T8 Lamp, 3' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU30W).....	198.01	39.99
26 51 16 00-0138	EA		1 T8 Lamp, 4' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU40W).....	204.54	39.99
26 51 16 00-0139			Industrial Fluorescent Fixtures <small>(26 51 16 00-0001)</small>		
26 51 16 00-0140			1 Lamp Cross Section, Industrial Fluorescent Fixtures <small>(26 51 16 00-0139)</small>		
26 51 16 00-0141	EA		2' Length, 1 T8 Lamp, Industrial Fluorescent Fixture	282.99	31.31
26 51 16 00-0142	EA		4' Length, 1 T8 Lamp, Industrial Fluorescent Fixture	299.76	38.20
26 51 16 00-0143	EA		8' Length, 1 T8 Lamp, Industrial Fluorescent Fixture	546.49	48.64
26 51 16 00-0144	EA		96" Lamp Industrial Fixture Fluorescent, 2 54 W T5 Lamp	211.93	48.64
			Note: With electronic ballast.		
26 51 16 00-0145			2 Lamp Cross Section, Industrial Fluorescent Fixtures <small>(26 51 16 00-0139)</small>		
26 51 16 00-0146	EA		2' Length, 2 T8 Lamps, Industrial Fluorescent Fixture	293.71	34.76
26 51 16 00-0147	EA		4' Length, 2 T8 Lamps, Industrial Fluorescent Fixture	312.10	41.75
26 51 16 00-0148	EA		8' Length, 2 T8 Lamps, Industrial Fluorescent Fixture	560.69	48.64
26 51 16 00-0149	EA		48" Lamp Industrial Fixture Fluorescent, 2 54 W T5 Lamp	212.47	41.75
			Note: With electronic ballast.		
26 51 16 00-0150	EA		96" Lamp Industrial Fixture Fluorescent, 4 54 W T5 Lamp	258.67	48.64
			Note: With electronic ballast.		
26 51 16 00-0151			3 Lamp Cross Section, Industrial Fluorescent Fixtures <small>(26 51 16 00-0139)</small>		
26 51 16 00-0152	EA		2' Length, 3 T8 Lamps, Industrial Fluorescent Fixture	306.51	34.76
26 51 16 00-0153	EA		4' Length, 3 T8 Lamps, Industrial Fluorescent Fixture	324.67	41.75
26 51 16 00-0154	EA		8' Length, 3 T8 Lamps, Industrial Fluorescent Fixture	492.16	48.64
26 51 16 00-0155			4 Lamp Cross Section, Industrial Fluorescent Fixtures <small>(26 51 16 00-0139)</small>		
26 51 16 00-0156	EA		4' Length, 4 T8 Lamps, Industrial Fluorescent Fixture	443.45	41.75
26 51 16 00-0157	EA		8' Length, 4 T8 Lamps, Industrial Fluorescent Fixture	652.34	48.64
26 51 16 00-0158			Flanged Fluorescent Fixture <small>(26 51 16 00-0001)</small>		
			Note: For plaster or drywall application. With electronic ballast.		
26 51 16 00-0159	EA		2 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture	416.51	62.63
26 51 16 00-0160	EA		3 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture	496.60	62.63

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 51 16 00-0161	EA			4 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture.....	503.70	62.63
26 51 16 00-0162				Undercabinet Fluorescent Fixtures (26 51 16 00-0001)		
26 51 16 00-0163	EA			1 T5 Lamp, 12-3/16" Length, Slimline Undercabinet Fluorescent Fixture.....	148.20	28.19
26 51 16 00-0164	EA			1 T5 Lamp, 21-3/16" Length, Slimline Undercabinet Fluorescent Fixture.....	172.64	34.44
26 51 16 00-0165	EA			2 T5 Lamps, 24-7/16" Length, Slimline Undercabinet Fluorescent Fixture.....	169.87	34.44
26 51 16 00-0166	EA			1 T5 Lamp, 33-7/16" Length, Slimline Undercabinet Fluorescent Fixture.....	205.01	37.58
26 51 16 00-0167	EA			2 T5 Lamps, 42-7/16" Length, Slimline Undercabinet Fluorescent Fixture.....	238.35	43.85
26 51 16 00-0168				Corner Mounted, Fluorescent Fixtures (26 51 16 00-0001)		
				Note: Includes acrylic drop dish diffuser.		
26 51 16 00-0169				2' Length, Corner Mounted, Fluorescent Fixtures (26 51 16 00-0168)		
26 51 16 00-0170	EA			1 T8 Lamp, 2' Length, Corner Mounted, Fluorescent Fixture.....	231.52	31.31
26 51 16 00-0171	EA			2 T8 Lamps, 2' Length, Corner Mounted, Fluorescent Fixture.....	258.55	31.31
26 51 16 00-0172				3' Length, Corner Mounted, Fluorescent Fixtures (26 51 16 00-0168)		
26 51 16 00-0173	EA			1 T8 Lamp, 3' Length, Corner Mounted, Fluorescent Fixture.....	264.28	32.88
26 51 16 00-0174	EA			2 T8 Lamps, 3' Length, Corner Mounted, Fluorescent Fixture.....	290.18	32.88
26 51 16 00-0175				4' Length, Corner Mounted, Fluorescent Fixtures (26 51 16 00-0168)		
26 51 16 00-0176	EA			1 T8 Lamp, 4' Length, Corner Mounted, Fluorescent Fixture.....	261.16	34.45
26 51 16 00-0177	EA			2 T8 Lamps, 4' Length, Corner Mounted, Fluorescent Fixture.....	288.61	34.45
26 51 16 00-0178				Wall Bracket, Fluorescent Fixtures (26 51 16 00-0001)		
26 51 16 00-0179				Wall Bracket, Fluorescent Fixtures (Lithonia W) (26 51 16 00-0178)		
				Note: Includes extruded aluminum housing with brushed finish, acrylic diffuser and solid-state electronic ballast.		
26 51 16 00-0180				2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W) (26 51 16 00-0179)		
26 51 16 00-0181	EA			1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia W).....	238.13	52.56
26 51 16 00-0182	EA			2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia W).....	242.82	52.56
26 51 16 00-0183				3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W) (26 51 16 00-0179)		
26 51 16 00-0184	EA			1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia W).....	312.38	52.56
26 51 16 00-0185	EA			2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia W).....	318.93	52.56
26 51 16 00-0186				4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W) (26 51 16 00-0179)		
26 51 16 00-0187	EA			1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia W).....	323.94	52.56
26 51 16 00-0188	EA			2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia W).....	328.64	52.56
26 51 16 00-0189				Wall Bracket, Fluorescent Fixtures (Lithonia WP) (26 51 16 00-0178)		
				Note: Includes 20 gauge steel housing with baked finish, acrylic diffuser and solid-state electronic ballast.		
26 51 16 00-0190				2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP) (26 51 16 00-0189)		
26 51 16 00-0191	EA			1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP).....	642.40	52.56
26 51 16 00-0192	EA			2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP).....	647.09	52.56
26 51 16 00-0193				3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP) (26 51 16 00-0189)		
26 51 16 00-0194	EA			1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP).....	501.47	52.56
26 51 16 00-0195	EA			2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP).....	508.02	52.56
26 51 16 00-0196				4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP) (26 51 16 00-0189)		
26 51 16 00-0197	EA			1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP).....	581.33	52.56
26 51 16 00-0198	EA			2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP).....	586.02	52.56
26 51 16 00-0199				Wall Bracket, Fluorescent Fixtures (Lithonia WC) (26 51 16 00-0178)		
				Note: Includes 20 gauge steel housing with baked finish, acrylic diffuser and solid-state electronic ballast.		
26 51 16 00-0200				2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC) (26 51 16 00-0199)		
26 51 16 00-0201	EA			1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC).....	227.47	52.56
26 51 16 00-0202	EA			2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC).....	232.16	52.56
26 51 16 00-0203				3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC) (26 51 16 00-0199)		
26 51 16 00-0204	EA			1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC).....	229.33	52.56
26 51 16 00-0205	EA			2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC).....	235.88	52.56
26 51 16 00-0206				4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC) (26 51 16 00-0199)		
26 51 16 00-0207	EA			1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC).....	219.30	52.56
26 51 16 00-0208	EA			2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC).....	223.99	52.56

26 Electrical**26 50 Lighting****26 51 Interior Lighting**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 51 16 00-0209		Low Occupancy, Industrial Fluorescent Fixtures <small>(26 51 16 00-0001)</small>			
26 51 16 00-0210	EA	1 T8 Lamp, 4' Length, Bi-Level Illumination, Industrial Fluorescent Fixture With Integral Occupancy Sensor (Deco SMART™ DSBL-CP).....	279.53		38.20
26 51 16 00-0211	EA	2 T8 Lamps, 4' Length, Bi-Level Illumination, Industrial Fluorescent Fixture With Integral Occupancy Sensor (Deco SMART™ DSBL-CP).....	284.75		41.75
26 51 16 00-0212		Surface Mounted, Fluorescent Fixtures, Architectural <small>(26 51 16 00-0001)</small>			
26 51 16 00-0213		8-1/2" x 4' Surface Mounted Architectural Fluorescent Fixtures <small>(26 51 16 00-0212)</small>			
26 51 16 00-0214	EA	8-1/2" x 4' Surface Mounted Architectural Fluorescent Fixture, 1 54 Watt T5 HO Lamp..... Note: With electronic ballast.	421.71		38.20
26 51 16 00-0215		Vandal Proof, Wraparound Fluorescent Fixtures <small>(26 51 16 00-0001)</small>			
Note: 16 gauge welded steel body with powder coated finish, polycarbonate lens, and tamper resistant screws.					
26 51 16 00-0216		6" x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures <small>(26 51 16 00-0215)</small>			
26 51 16 00-0217	EA	1 T8 Lamp, 6" x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures.....	224.50		32.68
26 51 16 00-0218	EA	2 T8 Lamps, 6" x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures.....	267.76		32.68
26 51 16 00-0219		6" x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures <small>(26 51 16 00-0215)</small>			
26 51 16 00-0220	EA	1 T8 Lamp, 6" x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures.....	243.46		34.03
26 51 16 00-0221	EA	2 T8 Lamps, 6" x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures.....	291.70		34.03
26 51 16 00-0222		8-1/4" x 2', Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixtures <small>(26 51 16 00-0215)</small>			
26 51 16 00-0223	EA	8-1/4" x 2', 2 T8 Lamps, Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixture (Lightron VPF).....	338.38		52.56
26 51 16 00-0224	EA	8-1/4" x 2', 3 T8 Lamps, Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixture (Lightron VPF).....	354.80		52.56
26 51 16 00-0225		8-1/4" x 4', Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixtures <small>(26 51 16 00-0215)</small>			
26 51 16 00-0226	EA	8-1/4" x 4', 1 T8 Lamp, Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixture (Lightron VPF).....	387.64		52.56
26 51 16 00-0227	EA	8-1/4" x 4', 2 T8 Lamps, Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixture (Lightron VPF).....	401.72		52.56
26 51 16 00-0228	EA	8-1/4" x 4', 3 T8 Lamps, Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixture (Lightron VPF).....	420.49		52.56
26 51 16 00-0229		1' x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures <small>(26 51 16 00-0215)</small>			
26 51 16 00-0230	EA	2 T8 Lamps, 1' x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures.....	274.32		36.12
26 51 16 00-0231	EA	3 T8 Lamps, 1' x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures.....	326.23		36.12
26 51 16 00-0232	EA	4 T8 Lamps, 1' x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures.....	351.05		36.12
26 51 16 00-0233		1' x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures <small>(26 51 16 00-0215)</small>			
26 51 16 00-0234	EA	2 T8 Lamps, 1' x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures.....	297.35		38.20
26 51 16 00-0235	EA	3 T8 Lamps, 1' x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures.....	354.62		38.20
26 51 16 00-0236	EA	4 T8 Lamps, 1' x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures.....	382.50		38.20
26 51 16 00-0237		Ceiling Mounted Fluorescent Fixtures <small>(26 51 16)</small>			
26 51 16 00-0238		Ceiling Mounted, Compact Fluorescent/Incandescent Fixtures <small>(26 51 16 00-0237)</small>			
26 51 16 00-0239		Glass Globe, Compact Fluorescent/Incandescent Fixtures <small>(26 51 16 00-0238)</small>			
26 51 16 00-0240	EA	6" Diameter, Ceiling Mounted, Glass Globe, Compact Fluorescent/Incandescent Fixture.....	159.26		45.71
26 51 16 00-0241	EA	9" Diameter, Ceiling Mounted, Mushroom Style Glass Globe, Compact Fluorescent/Incandescent Fixture.....	190.29		45.71
26 51 16 00-0242		Ceiling Mounted, Circline Fluorescent Fixtures <small>(26 51 16 00-0237)</small>			
26 51 16 00-0243		Exposed Lamps, Circline Fluorescent Fixtures <small>(26 51 16 00-0242)</small>			
26 51 16 00-0244	EA	8-1/2" Diameter, Ceiling Mounted, Exposed Lamps, Circline Fluorescent Fixture.....	133.83		45.71
26 51 16 00-0245	EA	12" Diameter, Ceiling Mounted, Exposed Lamps, Circline Fluorescent Fixture.....	147.29		45.71
26 51 16 00-0246		Low Profile Acrylic Diffuser, Circline Fluorescent Fixtures <small>(26 51 16 00-0242)</small>			
26 51 16 00-0247	EA	11" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture.....	200.38		45.71
26 51 16 00-0248	EA	14" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture.....	285.78		45.71
26 51 16 00-0249	EA	19" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture.....	344.96		45.71
26 51 16 00-0250	EA	12" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture.....	228.05		45.71
26 51 16 00-0251	EA	15" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture.....	287.54		45.71
26 51 16 00-0252	EA	19" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture.....	344.96		45.71
26 51 16 00-0253		Ceiling Mounted, Double Twin Tube Compact Fluorescent Fixtures <small>(26 51 16 00-0237)</small>			
26 51 16 00-0254		Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixtures <small>(26 51 16 00-0253)</small>			
26 51 16 00-0255	EA	11" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture.....	205.17		45.71

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0256	EA		14" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture.....	265.47	45.71
26 51 16 00-0257	EA		19" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture.....	318.63	45.71
26 51 16 00-0258	EA		12" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture.....	163.18	45.71
26 51 16 00-0259	EA		15" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture.....	195.76	45.71
26 51 16 00-0260	EA		19" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture.....	257.49	45.71
26 51 16 00-0261			Pendant Mounted, Compact Fluorescent/Incandescent Downlights <small>(26 51 16 00-0237)</small>		
26 51 16 00-0262			Pendant Mounted, Compact Fluorescent/Incandescent Open Reflector Downlights <small>(26 51 16 00-0261)</small>		
26 51 16 00-0263	EA		6" Diameter, Pendant Mounted, Open Reflector Compact Fluorescent/Incandescent Downlight.....	321.53	37.55
26 51 16 00-0264			Pendant Mounted, Compact Fluorescent/Incandescent Downlights With Baffle <small>(26 51 16 00-0261)</small>		
26 51 16 00-0265	EA		6" Diameter, Pendant Mounted, Compact Fluorescent/Incandescent Downlight With Baffle.....	368.76	37.55
26 51 16 00-0266	EA		8" Diameter, Pendant Mounted, Compact Fluorescent/Incandescent Downlight With Baffle.....	521.11	37.55
26 51 16 00-0267			Pendant Mounted, Horizontal Indirect Fluorescent Fixtures <small>(26 51 16 00-0237)</small>		
26 51 16 00-0268	EA		1 T5HO Lamp, 4' Length, Pendant Mounted, Horizontal Indirect Fluorescent Fixture.....	290.50	37.55
26 51 16 00-0269	EA		2 T5HO Lamps, 4' Length, Pendant Mounted, Horizontal Indirect Fluorescent Fixture.....	308.71	37.55
26 51 16 00-0270	EA		3 T5HO Lamps, 4' Length, Pendant Mounted, Horizontal Indirect Fluorescent Fixture.....	370.35	37.55
26 51 16 00-0271	EA		2 T5HO Lamps, 8' Length, Pendant Mounted, Horizontal Indirect Fluorescent Fixture.....	385.69	37.55
26 51 16 00-0272	EA		4 T5HO Lamps, 8' Length, Pendant Mounted, Horizontal Indirect Fluorescent Fixture.....	461.60	37.55
26 51 16 00-0273	EA		6 T5HO Lamps, 8' Length, Pendant Mounted, Horizontal Indirect Fluorescent Fixture.....	551.33	37.55
26 51 16 00-0274			Finelite Fluorescent Fixtures <small>(26 51 16 00-0237)</small>		
26 51 16 00-0275			Pendant Mounted, Fluorescent Downlight Fixtures (Finelite Series 10) <small>(26 51 16 00-0274)</small>		
26 51 16 00-0276	EA		1 T8 Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	495.62	53.24
26 51 16 00-0277	EA		2 T8 Lamps, 2 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	494.17	53.24
26 51 16 00-0278	EA		3 T8 Lamps, 3 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	535.47	53.24
26 51 16 00-0279	EA		1 T5HO Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	597.52	53.24
26 51 16 00-0280	EA		2 T5HO Lamps, 2 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	655.20	53.24
26 51 16 00-0281	EA		3 T5HO Lamps, 3 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	806.95	53.24
26 51 16 00-0282	EA		2 T8 Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	710.24	55.53
26 51 16 00-0283	EA		4 T8 Lamps, 2 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	732.99	55.53
26 51 16 00-0284	EA		6 T8 Lamps, 3 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	815.60	55.53
26 51 16 00-0285	EA		2 T5HO Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	777.21	55.53
26 51 16 00-0286	EA		4 T5HO Lamps, 2 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	978.09	55.53
26 51 16 00-0287	EA		6 T5HO Lamps, 3 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	1,153.32	55.53
26 51 16 00-0288	EA		3 T8 Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	941.98	57.82
26 51 16 00-0289	EA		6 T8 Lamps, 2 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	980.38	57.82
26 51 16 00-0290	EA		9 T8 Lamps, 3 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	1,087.19	57.82
26 51 16 00-0291	EA		3 T5HO Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	1,085.18	57.82
26 51 16 00-0292	EA		6 T5HO Lamps, 2 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	1,343.75	57.82
26 51 16 00-0293	EA		9 T5HO Lamps, 3 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	1,610.87	57.82
26 51 16 00-0294			Pendant Mounted, Fluorescent Wallwash Fixtures (Finelite Series X2-O) <small>(26 51 16 00-0274)</small>		
26 51 16 00-0295	EA		1 T8 Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O).....	469.28	53.24
26 51 16 00-0296	EA		1 T5 Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O).....	510.48	53.24
26 51 16 00-0297	EA		1 T5HO Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O).....	509.70	53.24
26 51 16 00-0298	EA		2 T8 Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O).....	690.23	55.53
26 51 16 00-0299	EA		2 T5 Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O).....	737.37	55.53
26 51 16 00-0300	EA		2 T5HO Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O).....	735.80	55.53
26 51 16 00-0301	EA		3 T8 Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O).....	911.19	57.82

26 Electrical**26 50 Lighting****26 51 Interior Lighting**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51	16 00-0302	EA	3 T5 Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O).....	1,034.79	57.82
26 51	16 00-0303	EA	3 T5HO Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O).....	1,032.43	57.82
26 51	16 00-0304		Pendant Mounted, Fluorescent Indirect Fixtures (Finelite Series 8) (26 51 16 00-0274)		
26 51	16 00-0305	EA	1 T8 Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I).....	358.60	53.24
26 51	16 00-0306	EA	2 T8 Lamps, 2 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I).....	379.21	53.24
26 51	16 00-0307	EA	3 T8 Lamps, 3 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I).....	449.39	53.24
26 51	16 00-0308	EA	2 T8 Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I).....	469.36	55.53
26 51	16 00-0309	EA	4 T8 Lamps, 2 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I).....	555.64	55.53
26 51	16 00-0310	EA	6 T8 Lamps, 3 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I).....	657.70	55.53
26 51	16 00-0311	EA	3 T8 Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I).....	647.71	57.82
26 51	16 00-0312	EA	6 T8 Lamps, 2 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I).....	795.16	57.82
26 51	16 00-0313	EA	9 T8 Lamps, 3 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I).....	951.63	57.82
26 51	16 00-0314		Fluorescent, Recessed Fixture Housings (26 51 16)		
26 51	16 00-0315	EA	4" Round, Fluorescent, T Or ICT Recessed Fixture Housing.....	125.41	32.68
26 51	16 00-0316	EA	5" Round, Fluorescent, T Or ICT Recessed Fixture Housing.....	129.56	32.68
26 51	16 00-0317	EA	6" Round, Fluorescent, T Or ICT Recessed Fixture Housing.....	134.99	34.16
26 51	16 00-0318	EA	7" Round, Fluorescent, T Or ICT Recessed Fixture Housing.....	141.85	35.42
26 51	16 00-0319	EA	8" Round, Fluorescent, T Or ICT Recessed Fixture Housing.....	147.85	37.25
26 51	16 00-0320	EA	10" To 12" Square, Fluorescent, T Or ICT Recessed Fixture Housing.....	153.17	39.53
26 51	16 00-0321		Compact Fluorescent, Recessed Fixture Housings (26 51 16)		
26 51	16 00-0322	EA	4" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing.....	143.27	32.68
26 51	16 00-0323	EA	5" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing.....	147.37	32.68
26 51	16 00-0324	EA	6" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing.....	152.94	34.28
26 51	16 00-0325	EA	7" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing.....	157.44	35.76
26 51	16 00-0326	EA	8" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing.....	162.60	37.25
26 51	16 00-0327	EA	10" To 12" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing.....	167.61	39.53
26 51	16 00-0328		Recessed Mounted Box Type Fluorescent Fixtures, Direct/Indirect (26 51 16)		
26 51	16 00-0329		2' x 2' Recessed Mounted Box Type Direct/Indirect (26 51 16 00-0328)		
26 51	16 00-0330	EA	2' x 2' Recessed Mounted Box Type Direct/Indirect, 3 T5 Lamps..... Note: With electronic ballast.	311.47	41.75
26 51	16 00-0331		Fluorescent Track Lighting Fixtures (26 51 16)		
26 51	16 00-0332	EA	2L 18W BX Track Fixture, Electronic Ballast..... Note: White or Black Finish, 120V.	289.81	19.08
26 51	16 00-0333	EA	2L 39W BX Track Fixture, Electronic Ballast..... Note: White or Black Finish, 120V.	298.57	19.08
26 51	16 00-0334	EA	2L 40W BX Track Fixture, Electronic Ballast..... Note: White or Black Finish, 120V.	304.04	19.08
26 51	16 00-0335	EA	2L 50W BX Track Fixture, Electronic Ballast..... Note: White or Black Finish, 120V.	192.83	19.08
26 51	16 00-0336	EA	2L, 55 Watt BX Track Fixture, Electronic Ballast..... Note: White or Black Finish, 120V.	326.03	19.08
26 51	16 00-0337		Compact Fluorescent Track Lighting Fixtures (26 51 16)		
26 51	16 00-0338	EA	Compact Fluorescent Track Lighting Fixture.....	91.62	19.08
26 51	16 00-0339		Compact Fluorescent, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures (26 51 16)		
26 51	16 00-0340	EA	13 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture.....	136.40	45.71
26 51	16 00-0341	EA	22 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture.....	140.02	45.71
26 51	16 00-0342	EA	28 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture.....	148.97	45.71
26 51	16 00-0343		Wet Location, Dust Resistant, Vapor Tight, Enclosed And Gasketed, Industrial Fluorescent Fixtures (26 51 16)		
26 51	16 00-0344		4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (26 51 16 00-0343)		
26 51	16 00-0345		4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Lithonia DMW) (26 51 16 00-0344) Note: Includes high impact acrylic molded lens.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0346	EA	1	T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)..... <i>For T5 Fixture Instead Of T8, Add</i>	288.10 24.62	48.64
26 51 16 00-0347	EA	2	T8 Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)..... <i>For T5 Fixture Instead Of T8, Add</i>	302.75 26.30	48.64
26 51 16 00-0348	EA	3	T8 Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)..... <i>For T5 Fixture Instead Of T8, Add</i>	473.50 45.85	48.64
26 51 16 00-0349	EA	1	T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW).....	407.84	48.64
26 51 16 00-0350	EA	2	T8HO Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW).....	656.40	48.64
26 51 16 00-0351			4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Day-Brite V2W) <small>(26 51 16 00-0344)</small> Note: Includes high impact acrylic molded lens.		
26 51 16 00-0352	EA	1	T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W).....	351.01	48.64
26 51 16 00-0353	EA	2	T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W).....	356.00	48.64
26 51 16 00-0354	EA	3	T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W).....	521.44	48.64
26 51 16 00-0355	EA	1	T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W).....	428.85	48.64
26 51 16 00-0356	EA	2	T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W).....	448.55	48.64
26 51 16 00-0357			8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures <small>(26 51 16 00-0343)</small> Note: Includes high impact acrylic molded lens.		
26 51 16 00-0358			8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Lithonia TDMW) <small>(26 51 16 00-0357)</small> Note: Includes high impact acrylic molded lens.		
26 51 16 00-0359	EA	2	T8 Lamps, 8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia TDMW)..... <i>For T5 Fixture Instead Of T8, Add</i>	542.66 50.78	66.08
26 51 16 00-0360	EA	4	T8 Lamps, 8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia TDMW)..... <i>For T5 Fixture Instead Of T8, Add</i>	566.08 53.46	66.08
26 51 16 00-0361			High Bay Fluorescent Fixtures <small>(26 51 16)</small>		
26 51 16 00-0362			(T8) Fluorescent, High Bay Fixtures <small>(26 51 16 00-0361)</small>		
26 51 16 00-0363			(T8) Fluorescent, High Bay Fixtures (Lithonia) <small>(26 51 16 00-0362)</small> Note: For 8' fixture, use two (2) 4' fixtures.		
26 51 16 00-0364	EA	2	T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)..... <i>For Wire Guard, Add</i> <i>For Polycarbonate Lens, Add</i> <i>For Acrylic Lens, Add</i>	487.14 40.50 47.75 54.00	106.48
26 51 16 00-0365	EA	3	T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)..... <i>For Wire Guard, Add</i> <i>For Polycarbonate Lens, Add</i> <i>For Acrylic Lens, Add</i>	510.37 40.50 47.75 54.00	117.96
26 51 16 00-0366	EA	4	T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)..... <i>For Wire Guard, Add</i> <i>For Polycarbonate Lens, Add</i> <i>For Acrylic Lens, Add</i>	578.79 40.50 47.75 54.00	134.66
26 51 16 00-0367	EA	6	T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)..... <i>For Wire Guard, Add</i> <i>For Polycarbonate Lens, Add</i> <i>For Acrylic Lens, Add</i>	697.26 40.50 47.75 54.00	141.86
26 51 16 00-0368	EA	8	T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)..... <i>For Wire Guard, Add</i> <i>For Polycarbonate Lens, Add</i> <i>For Acrylic Lens, Add</i>	760.28 40.50 47.75 54.00	148.44
26 51 16 00-0369	EA	4	T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)..... <i>For Wire Guard, Add</i> <i>For Polycarbonate Lens, Add</i> <i>For Acrylic Lens, Add</i>	433.58 40.50 47.75 54.00	134.66
26 51 16 00-0370	EA	6	T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)..... <i>For Wire Guard, Add</i> <i>For Polycarbonate Lens, Add</i> <i>For Acrylic Lens, Add</i>	458.20 40.50 47.75 54.00	141.86
26 51 16 00-0371	EA	8	T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)..... <i>For Wire Guard, Add</i> <i>For Polycarbonate Lens, Add</i> <i>For Acrylic Lens, Add</i>	526.41 40.50 47.75 54.00	148.44
26 51 16 00-0372			(T5HO) Fluorescent, High Bay Fixtures <small>(26 51 16 00-0361)</small>		
26 51 16 00-0373			(T5HO) Fluorescent, High Bay Fixtures (Lithonia) <small>(26 51 16 00-0372)</small> Note: For 8' fixture, use two (2) 4' fixtures.		
26 51 16 00-0374	EA	2	T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)..... <i>For Wire Guard, Add</i> <i>For Polycarbonate Lens, Add</i> <i>For Acrylic Lens, Add</i>	491.02 40.50 47.75 54.00	106.48
26 51 16 00-0375	EA	3	T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)..... <i>For Wire Guard, Add</i> <i>For Polycarbonate Lens, Add</i> <i>For Acrylic Lens, Add</i>	513.53 40.50 47.75 54.00	117.96
26 51 16 00-0376	EA	4	T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)..... <i>For Wire Guard, Add</i> <i>For Polycarbonate Lens, Add</i> <i>For Acrylic Lens, Add</i>	584.84 40.50 47.75 54.00	134.66

26 Electrical**26 50 Lighting****26 51 Interior Lighting**
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 51 16 00-0377	EA	6 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB).....	711.24	141.86
		<i>For Wire Guard, Add</i>	40.50	
		<i>For Polycarbonate Lens, Add</i>	47.75	
		<i>For Acrylic Lens, Add</i>	54.00	
26 51 16 00-0378	EA	4 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	454.74	134.66
		<i>For Wire Guard, Add</i>	40.50	
		<i>For Polycarbonate Lens, Add</i>	47.75	
		<i>For Acrylic Lens, Add</i>	54.00	
26 51 16 00-0379	EA	6 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	502.07	141.86
		<i>For Wire Guard, Add</i>	40.50	
		<i>For Polycarbonate Lens, Add</i>	47.75	
		<i>For Acrylic Lens, Add</i>	54.00	
26 51 16 00-0380	EA	8 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	587.59	148.44
		<i>For Wire Guard, Add</i>	40.50	
		<i>For Polycarbonate Lens, Add</i>	47.75	
		<i>For Acrylic Lens, Add</i>	54.00	

26 51 19 LED Interior Lighting (26 51)**26 51 19 00-0001 LED Fixtures (26 51 19)****26 51 19 00-0002 Undercabinet LED Fixtures (26 51 19 00-0001)**

26 51 19 00-0003	EA	12" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ12-M6)	155.39	28.19
		<i>For >50 To 100, Deduct</i>	-5.06	
		<i>For >100 To 250, Deduct</i>	-8.94	
		<i>For >250 To 500, Deduct</i>	-15.54	
		<i>For >500, Deduct</i>	-22.13	
26 51 19 00-0004	EA	18" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ18-M6)	194.79	34.44
		<i>For >50 To 100, Deduct</i>	-6.31	
		<i>For >100 To 250, Deduct</i>	-11.17	
		<i>For >250 To 500, Deduct</i>	-19.48	
		<i>For >500, Deduct</i>	-27.78	
26 51 19 00-0005	EA	24" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ24-M6)	205.56	34.44
		<i>For >50 To 100, Deduct</i>	-6.57	
		<i>For >100 To 250, Deduct</i>	-11.71	
		<i>For >250 To 500, Deduct</i>	-20.56	
		<i>For >500, Deduct</i>	-29.40	
26 51 19 00-0006	EA	24" HIDE-A-LITE V Series LED Undercabinet Fixture (Progress Lighting P700003-028-30)	155.55	28.19
		<i>For >50 To 100, Deduct</i>	-5.06	
		<i>For >100 To 250, Deduct</i>	-8.95	
		<i>For >250 To 500, Deduct</i>	-15.56	
		<i>For >500, Deduct</i>	-22.16	

26 51 19 00-0007 Surface Mount Linear/Striplight LED Fixtures (26 51 19 00-0001)**26 51 19 00-0008 Striplight LED Fixtures (Lithonia ZL) (26 51 19 00-0007)**

26 51 19 00-0009	EA	3,000 Lumens, 2' Length, LED Striplight Fixture (Lithonia ZL1).....	222.22	31.31
		<i>For >50 To 100, Deduct</i>	-6.73	
		<i>For >100 To 250, Deduct</i>	-12.29	
		<i>For >250 To 500, Deduct</i>	-22.22	
		<i>For >500, Deduct</i>	-32.16	
26 51 19 00-0010	EA	2,800 Lumens, 4' Length, LED Striplight Fixture (Lithonia ZL1).....	232.65	38.20
		<i>For >50 To 100, Deduct</i>	-7.25	
		<i>For >100 To 250, Deduct</i>	-13.07	
		<i>For >250 To 500, Deduct</i>	-23.27	
		<i>For >500, Deduct</i>	-33.46	
26 51 19 00-0011	EA	1,400 Lumens, 2' Length, Lensed LED Striplight Fixture (Lithonia ZL2).....	232.64	31.31
		<i>For >50 To 100, Deduct</i>	-6.99	
		<i>For >100 To 250, Deduct</i>	-12.81	
		<i>For >250 To 500, Deduct</i>	-23.26	
		<i>For >500, Deduct</i>	-33.72	
26 51 19 00-0012	EA	2,300 Lumens, 4' Length, Lensed LED Striplight Fixture (Lithonia ZL2).....	243.07	38.20
		<i>For >50 To 100, Deduct</i>	-7.51	
		<i>For >100 To 250, Deduct</i>	-13.59	
		<i>For >250 To 500, Deduct</i>	-24.31	
		<i>For >500, Deduct</i>	-35.03	
26 51 19 00-0013	EA	4,600 Lumens, 4' Length, Lensed LED Striplight Fixture (Lithonia ZL2).....	303.54	38.20
		<i>For >50 To 100, Deduct</i>	-9.02	
		<i>For >100 To 250, Deduct</i>	-16.61	
		<i>For >250 To 500, Deduct</i>	-30.35	
		<i>For >500, Deduct</i>	-44.10	

26 51 19 00-0014 Striplight LED Fixtures (Mobern) (26 51 19 00-0007)

26 51 19 00-0015	EA	1,100 Lumens, 12 Watt, 2' Length, Chrome, LED Bracket Fixture (Mobern 7924LED12DMV30)	210.37	31.31
		<i>For >50 To 100, Deduct</i>	-6.43	
		<i>For >100 To 250, Deduct</i>	-11.69	
		<i>For >250 To 500, Deduct</i>	-21.04	
		<i>For >500, Deduct</i>	-30.38	

26 51 19 00-0016 Striplight LED Fixtures (Eaton) (26 51 19 00-0007)

26 51 19 00-0017	EA	2,301 Lumens, 18 Watt, 4' Length, LED Strip Lighting (Eaton Lighting 4SNLED-LD4-22SL-LC-UNV-L840-CD1-U)	267.61	38.20
		<i>For >50 To 100, Deduct</i>	-8.13	
		<i>For >100 To 250, Deduct</i>	-14.82	
		<i>For >250 To 500, Deduct</i>	-26.76	
		<i>For >500, Deduct</i>	-38.71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0018	EA		2,382 Lumens, 16 Watt, 4' Length, LED Clear Lensed Striplight (Cooper Industries 4SNLED-LD5-22SL-LC-UNV-L840-CD1-U).....	252.28	38.20
			<i>For >50 To 100, Deduct</i>	-7.74	
			<i>For >100 To 250, Deduct</i>	-14.05	
			<i>For >250 To 500, Deduct</i>	-25.23	
			<i>For >500, Deduct</i>	-36.41	
26 51 19 00-0019	EA		2,382 Lumens, 16 Watt, 4' Length, Clear Lens, LED Striplight (Cooper Industries Metalux Series 4SNLED-LD5-22SL-LC-UNV-830-CD1-U).....	267.61	38.20
			<i>For >50 To 100, Deduct</i>	-8.13	
			<i>For >100 To 250, Deduct</i>	-14.82	
			<i>For >250 To 500, Deduct</i>	-26.76	
			<i>For >500, Deduct</i>	-38.71	
26 51 19 00-0020			Lay-In/Troffer LED Fixtures (26 51 19 00-0001)		
26 51 19 00-0021			Prismatic Lensed, Lay-In/Troffer LED Fixtures (26 51 19 00-0020)		
26 51 19 00-0022			Prismatic Lensed, Lay-In/Troffer LED Fixtures (Lithonia) (26 51 19 00-0021)		
26 51 19 00-0023	EA		1' x 4', 4,300 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia TL4).....	568.29	37.89
			<i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i>	42.77	
			<i>For >50 To 100, Deduct</i>	-15.64	
			<i>For >100 To 250, Deduct</i>	-29.85	
			<i>For >250 To 500, Deduct</i>	-56.83	
			<i>For >500, Deduct</i>	-83.81	
26 51 19 00-0024	EA		2' x 2', 3,300 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia 2TL2).....	320.30	41.75
			<i>For Drywall Or Plaster Ceilings, Add</i>	28.18	
			<i>For >50 To 100, Deduct</i>	-9.57	
			<i>For >100 To 250, Deduct</i>	-17.58	
			<i>For >250 To 500, Deduct</i>	-32.03	
			<i>For >500, Deduct</i>	-46.48	
26 51 19 00-0025	EA		2' x 4', 4,600 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia 2TL4).....	572.97	48.64
			<i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i>	46.92	
			<i>For >50 To 100, Deduct</i>	-16.15	
			<i>For >100 To 250, Deduct</i>	-30.48	
			<i>For >250 To 500, Deduct</i>	-57.30	
			<i>For >500, Deduct</i>	-84.12	
26 51 19 00-0026			Prismatic Lensed, Lay-In/Troffer LED Fixtures (Lunera) (26 51 19 00-0021)		
26 51 19 00-0027	EA		1' x 4', 3,200 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 14G4).....	823.09	37.89
			<i>For >50 To 100, Deduct</i>	-22.01	
			<i>For >100 To 250, Deduct</i>	-42.59	
			<i>For >250 To 500, Deduct</i>	-82.31	
			<i>For >500, Deduct</i>	-122.03	
26 51 19 00-0028	EA		2' x 2', 3,200 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 22G5).....	577.59	41.75
			<i>For >50 To 100, Deduct</i>	-16.01	
			<i>For >100 To 250, Deduct</i>	-30.45	
			<i>For >250 To 500, Deduct</i>	-57.76	
			<i>For >500, Deduct</i>	-85.07	
26 51 19 00-0029	EA		2' x 4', 4,175 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 24G4).....	753.00	48.64
			<i>For >50 To 100, Deduct</i>	-20.65	
			<i>For >100 To 250, Deduct</i>	-39.48	
			<i>For >250 To 500, Deduct</i>	-75.30	
			<i>For >500, Deduct</i>	-111.12	
26 51 19 00-0030			Prismatic Lensed, Lay-In/Troffer LED Fixtures (PlanLED) (26 51 19 00-0021)		
26 51 19 00-0031	EA		2,591 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED FTB4E).....	379.29	41.75
			<i>For >50 To 100, Deduct</i>	-11.05	
			<i>For >100 To 250, Deduct</i>	-20.53	
			<i>For >250 To 500, Deduct</i>	-37.93	
			<i>For >500, Deduct</i>	-55.33	
26 51 19 00-0032	EA		3,883 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED FTB4E).....	420.15	41.75
			<i>For >50 To 100, Deduct</i>	-12.07	
			<i>For >100 To 250, Deduct</i>	-22.57	
			<i>For >250 To 500, Deduct</i>	-42.02	
			<i>For >500, Deduct</i>	-61.46	
26 51 19 00-0033	EA		3,700 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-40).....	356.82	41.75
			<i>For >50 To 100, Deduct</i>	-10.49	
			<i>For >100 To 250, Deduct</i>	-19.41	
			<i>For >250 To 500, Deduct</i>	-35.68	
			<i>For >500, Deduct</i>	-51.96	
26 51 19 00-0034	EA		4,200 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-45).....	356.82	41.75
			<i>For >50 To 100, Deduct</i>	-10.49	
			<i>For >100 To 250, Deduct</i>	-19.41	
			<i>For >250 To 500, Deduct</i>	-35.68	
			<i>For >500, Deduct</i>	-51.96	
26 51 19 00-0035	EA		4,600 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-50).....	383.38	41.75
			<i>For >50 To 100, Deduct</i>	-11.15	
			<i>For >100 To 250, Deduct</i>	-20.73	
			<i>For >250 To 500, Deduct</i>	-38.34	
			<i>For >500, Deduct</i>	-55.94	
26 51 19 00-0036			Volumetric, Lay-In/Troffer LED Fixtures (26 51 19 00-0020)		
26 51 19 00-0037			Volumetric, Lay-In/Troffer LED Fixtures (Lithonia) (26 51 19 00-0036)		

26 Electrical

26 50 Lighting

26 51 Interior Lighting



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 51 19 00-0038	EA 1' x 4', 3,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia RTL4)	507.84	37.89
	For Drywall Or Plaster Ceilings, Add	25.83	
	For >50 To 100, Deduct	-14.13	
	For >100 To 250, Deduct	-26.83	
	For >250 To 500, Deduct	-50.78	
	For >500, Deduct	-74.74	
26 51 19 00-0039	EA 1' x 4', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia RTL4)	658.44	37.89
	For Drywall Or Plaster Ceilings, Add	25.83	
	For >50 To 100, Deduct	-17.90	
	For >100 To 250, Deduct	-34.36	
	For >250 To 500, Deduct	-65.84	
	For >500, Deduct	-97.33	
26 51 19 00-0040	EA 2' x 2', 2,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2)	510.91	41.75
	For Drywall Or Plaster Ceilings With Frame Kit, Add	41.20	
	For >50 To 100, Deduct	-14.34	
	For >100 To 250, Deduct	-27.11	
	For >250 To 500, Deduct	-51.09	
	For >500, Deduct	-75.07	
26 51 19 00-0041	EA 2' x 2', 3,300 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2)	587.27	41.75
	For Drywall Or Plaster Ceilings With Frame Kit, Add	45.02	
	For >50 To 100, Deduct	-16.25	
	For >100 To 250, Deduct	-30.93	
	For >250 To 500, Deduct	-58.73	
	For >500, Deduct	-86.52	
26 51 19 00-0042	EA 2' x 2', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2)	648.37	41.75
	For >50 To 100, Deduct	-17.78	
	For >100 To 250, Deduct	-33.98	
	For >250 To 500, Deduct	-64.84	
	For >500, Deduct	-95.69	
26 51 19 00-0043	EA 2' x 4', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4)	658.82	48.64
	For Drywall Or Plaster Ceilings With Frame Kit, Add	51.21	
	For >50 To 100, Deduct	-18.30	
	For >100 To 250, Deduct	-34.77	
	For >250 To 500, Deduct	-65.88	
	For >500, Deduct	-97.00	
26 51 19 00-0044	EA 2' x 4', 4,800 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4)	719.91	48.64
	For Drywall Or Plaster Ceilings With Frame Kit, Add	54.27	
	For >50 To 100, Deduct	-19.82	
	For >100 To 250, Deduct	-37.82	
	For >250 To 500, Deduct	-71.99	
	For >500, Deduct	-106.16	
26 51 19 00-0045	EA 2' x 4', 6,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4)	781.01	48.64
	For Drywall Or Plaster Ceilings With Frame Kit, Add	57.32	
	For >50 To 100, Deduct	-21.35	
	For >100 To 250, Deduct	-40.88	
	For >250 To 500, Deduct	-78.10	
	For >500, Deduct	-115.32	
26 51 19 00-0046	EA 2' x 2', 2,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL2)	449.83	41.75
	For Drywall Or Plaster Ceilings With Frame Kit, Add	38.15	
	For >50 To 100, Deduct	-12.81	
	For >100 To 250, Deduct	-24.06	
	For >250 To 500, Deduct	-44.98	
	For >500, Deduct	-65.91	
26 51 19 00-0047	EA 2' x 2', 3,300 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL2)	526.18	41.75
	For Drywall Or Plaster Ceilings With Frame Kit, Add	41.97	
	For >50 To 100, Deduct	-14.72	
	For >100 To 250, Deduct	-27.87	
	For >250 To 500, Deduct	-52.62	
	For >500, Deduct	-77.36	
26 51 19 00-0048	EA 2' x 2', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL2)	572.00	41.75
	For Drywall Or Plaster Ceilings With Frame Kit, Add	44.26	
	For >50 To 100, Deduct	-15.87	
	For >100 To 250, Deduct	-30.17	
	For >250 To 500, Deduct	-57.20	
	For >500, Deduct	-84.23	
26 51 19 00-0049	EA 2' x 4', 3,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL4)	567.19	48.64
	For Drywall Or Plaster Ceilings With Frame Kit, Add	46.63	
	For >50 To 100, Deduct	-16.01	
	For >100 To 250, Deduct	-30.19	
	For >250 To 500, Deduct	-56.72	
	For >500, Deduct	-83.25	
26 51 19 00-0050	EA 2' x 4', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL4)	597.72	48.64
	For Drywall Or Plaster Ceilings With Frame Kit, Add	48.16	
	For >50 To 100, Deduct	-16.77	
	For >100 To 250, Deduct	-31.71	
	For >250 To 500, Deduct	-59.77	
	For >500, Deduct	-87.83	
26 51 19 00-0051	EA 2' x 4', 4,800 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL4)	658.82	48.64
	For Drywall Or Plaster Ceilings With Frame Kit, Add	51.21	
	For >50 To 100, Deduct	-18.30	
	For >100 To 250, Deduct	-34.77	
	For >250 To 500, Deduct	-65.88	
	For >500, Deduct	-97.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 51 19 00-0052			Architectural, Lay-In/Troffer LED Fixtures (26 51 19 00-0020)		
26 51 19 00-0053			Architectural, Lay-In/Troffer LED Fixtures (Lithonia) (26 51 19 00-0052) Note: Includes 4,000K color temperature, 120/277 voltage and steel housing assembly. Excludes sensors.		
26 51 19 00-0054	EA		2,100 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4)..... For Drywall Or Plaster Ceilings With Frame Kit, Add For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	362.09 36.37 -10.88 -19.93 -36.21 -52.49	48.64
26 51 19 00-0055	EA		4,300 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4)..... For Drywall Or Plaster Ceilings With Frame Kit, Add For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	423.79 39.46 -12.42 -23.02 -42.38 -61.74	48.64
26 51 19 00-0056	EA		6,400 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4)..... For Drywall Or Plaster Ceilings With Frame Kit, Add For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	479.32 42.24 -13.81 -25.79 -47.93 -70.07	48.64
26 51 19 00-0057			Architectural, Lay-In/Troffer LED Fixtures (CREE® CR Series) (26 51 19 00-0052) Note: Includes 3,000K, 3,500 or 4,000K color temperature, 120/277 voltage and 20 gauge steel housing assembly. Excludes sensors.		
26 51 19 00-0058	EA		1' x 4', 2,200 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™) For Expanded Size Junction Box For Through Wiring, Add For Drywall Or Plaster Ceilings, Add For Surface Mount, Add For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	436.09 4.61 135.67 235.34 -12.73 -23.63 -43.61 -63.59	48.64
26 51 19 00-0059	EA		1' x 4', 3,100 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™) For Expanded Size Junction Box For Through Wiring, Add For Drywall Or Plaster Ceilings, Add For Surface Mount, Add For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	470.68 4.61 135.67 235.34 -13.59 -25.36 -47.07 -68.78	48.64
26 51 19 00-0060	EA		1' x 4', 4,000 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™) For Expanded Size Junction Box For Through Wiring, Add For Drywall Or Plaster Ceilings, Add For Surface Mount, Add For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	470.68 4.61 135.67 235.34 -13.59 -25.36 -47.07 -68.78	48.64
26 51 19 00-0061	EA		1' x 4', 5,000 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™) For Expanded Size Junction Box For Through Wiring, Add For Drywall Or Plaster Ceilings, Add For Surface Mount, Add For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	521.74 4.61 135.67 235.34 -14.87 -27.91 -52.17 -76.43	48.64
26 51 19 00-0062	EA		2' x 2', 2,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR22™)..... Note: CCT 30K to 50K For Expanded Size Junction Box For Through Wiring, Add For Drywall Or Plaster Ceilings, Add For Surface Mount, Add For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	406.07 4.61 118.63 221.72 -11.72 -21.87 -40.61 -59.34	41.75
26 51 19 00-0063	EA		2' x 2', 3,200 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR22™)..... Note: CCT 30K to 50K For Expanded Size Junction Box For Through Wiring, Add For Drywall Or Plaster Ceilings, Add For Surface Mount, Add For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	382.81 4.61 118.63 221.72 -11.14 -20.71 -38.28 -55.86	41.75
26 51 19 00-0064	EA		2' x 4', 2,200 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™)..... Note: CCT 30K to 50K For Expanded Size Junction Box For Through Wiring, Add For Drywall Or Plaster Ceilings, Add For Surface Mount, Add For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	455.28 4.61 138.97 256.75 -13.21 -24.59 -45.53 -66.47	48.64

26 Electrical**26 50 Lighting****26 51 Interior Lighting**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 51 19 00-0065	EA 2' x 4', 3,100 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™).....	470.68	48.64
	Note: CCT 30K to 50K		
	For Expanded Size Junction Box For Through Wiring, Add	4.61	
	For Drywall Or Plaster Ceilings, Add	138.97	
	For Surface Mount, Add	256.75	
	For >50 To 100, Deduct	-13.59	
	For >100 To 250, Deduct	-25.36	
	For >250 To 500, Deduct	-47.07	
	For >500, Deduct	-68.78	
26 51 19 00-0066	EA 2' x 4', 4,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™).....	470.68	48.64
	Note: CCT 30K to 50K		
	For Expanded Size Junction Box For Through Wiring, Add	4.61	
	For Drywall Or Plaster Ceilings, Add	138.97	
	For Surface Mount, Add	256.75	
	For >50 To 100, Deduct	-13.59	
	For >100 To 250, Deduct	-25.36	
	For >250 To 500, Deduct	-47.07	
	For >500, Deduct	-68.78	
26 51 19 00-0067	EA 2' x 4', 4,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24 LHE™).....	600.80	48.64
	Note: CCT 30K to 50K		
	For Expanded Size Junction Box For Through Wiring, Add	4.61	
	For Drywall Or Plaster Ceilings, Add	138.97	
	For Surface Mount, Add	256.75	
	For >50 To 100, Deduct	-16.85	
	For >100 To 250, Deduct	-31.87	
	For >250 To 500, Deduct	-60.08	
	For >500, Deduct	-88.29	
26 51 19 00-0068	EA 2' x 4', 5,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™).....	521.74	48.64
	Note: CCT 30K to 50K		
	For Expanded Size Junction Box For Through Wiring, Add	4.61	
	For Drywall Or Plaster Ceilings, Add	138.97	
	For Surface Mount, Add	256.75	
	For >50 To 100, Deduct	-14.87	
	For >100 To 250, Deduct	-27.91	
	For >250 To 500, Deduct	-52.17	
	For >500, Deduct	-76.43	
26 51 19 00-0069	Architectural, Lay-In/Troffer LED Fixtures (Metalux®) (26 51 19 00-0052)		
	Note: Includes 3,000K, 3,500 or 4,000K color temperature, 120/277 voltage and code gauge steel housing assembly. Excludes sensors.		
26 51 19 00-0070	EA 2' x 2', 2,500 Lumens, Architectural, Lay-In/Troffer LED Fixture (Metalux® Accord™ 2AC).....	260.31	41.75
	For >50 To 100, Deduct	-8.07	
	For >100 To 250, Deduct	-14.58	
	For >250 To 500, Deduct	-26.03	
	For >500, Deduct	-37.48	
26 51 19 00-0071	EA 2' x 4', 4,700 Lumens, Architectural, Lay-In/Troffer LED Fixture (Metalux® Accord™ 2AC).....	345.35	48.64
	For >50 To 100, Deduct	-10.46	
	For >100 To 250, Deduct	-19.09	
	For >250 To 500, Deduct	-34.54	
	For >500, Deduct	-49.98	
26 51 19 00-0072	Architectural, Lay-In/Troffer LED Fixtures (Finelite) (26 51 19 00-0052)		
	Note: Includes 3,000K color temperature, 120/277 voltage and 20 gauge steel housing assembly. Excludes sensors.		
26 51 19 00-0073	EA 2' x 2', 4,301 Lumens, Architectural, Lay-In/Troffer LED Fixture (Finelite HPR LED A 2x2).....	378.35	41.75
	For >50 To 100, Deduct	-11.02	
	For >100 To 250, Deduct	-20.48	
	For >250 To 500, Deduct	-37.84	
	For >500, Deduct	-55.19	
26 51 19 00-0074	EA 2' x 4', 4,671 Lumens, Architectural, Lay-In/Troffer LED Fixture (Finelite HPR LED A 2x2).....	513.57	49.06
	For >50 To 100, Deduct	-14.67	
	For >100 To 250, Deduct	-27.51	
	For >250 To 500, Deduct	-51.36	
	For >500, Deduct	-75.21	
26 51 19 00-0075	Shadow Box Style, Lay-In/Troffer LED Fixtures (26 51 19 00-0020)		
26 51 19 00-0076	Shadow Box Style, Lay-In/Troffer LED Fixtures (Lithonia SBSL) (26 51 19 00-0075)		
26 51 19 00-0077	EA 2' x 2', 3,300 Lumens, Shadow Box Style, Lay-In/Troffer LED Fixture (Lithonia 2SBSL2).....	605.46	41.75
	For Drywall Or Plaster Ceilings, Add	28.18	
	For >50 To 100, Deduct	-16.70	
	For >100 To 250, Deduct	-31.84	
	For >250 To 500, Deduct	-60.55	
	For >500, Deduct	-89.25	
26 51 19 00-0078	EA 2' x 4', 4,600 Lumens, Shadow Box Style, Lay-In/Troffer LED Fixture (Lithonia 2SBSL4).....	826.81	48.64
	For Drywall Or Plaster Ceilings With Frame Kit, Add	59.61	
	For >50 To 100, Deduct	-22.50	
	For >100 To 250, Deduct	-43.17	
	For >250 To 500, Deduct	-82.68	
	For >500, Deduct	-122.19	
26 51 19 00-0079	Panel Type, Lay-In/Troffer LED Fixtures (26 51 19 00-0020)		
26 51 19 00-0080	Panel Type, Lay-In/Troffer LED Fixtures (PlanLED Galaxy) (26 51 19 00-0079)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0081	EA	1' x 4'	3,100 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL140-34).....	411.73	48.64
			<i>For >50 To 100, Deduct</i>	-12.12	
			<i>For >100 To 250, Deduct</i>	-22.41	
			<i>For >250 To 500, Deduct</i>	-41.17	
			<i>For >500, Deduct</i>	-59.93	
26 51 19 00-0082	EA	2' x 2'	3,100 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL220-34).....	427.96	48.64
			<i>For >50 To 100, Deduct</i>	-12.53	
			<i>For >100 To 250, Deduct</i>	-23.23	
			<i>For >250 To 500, Deduct</i>	-42.80	
			<i>For >500, Deduct</i>	-62.37	
26 51 19 00-0083	EA	2' x 4'	4,000 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL240-40).....	535.43	48.64
			<i>For >50 To 100, Deduct</i>	-15.21	
			<i>For >100 To 250, Deduct</i>	-28.60	
			<i>For >250 To 500, Deduct</i>	-53.54	
			<i>For >500, Deduct</i>	-78.49	
26 51 19 00-0084	EA	2' x 4'	5,000 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL240-52).....	535.43	48.64
			<i>For >50 To 100, Deduct</i>	-15.21	
			<i>For >100 To 250, Deduct</i>	-28.60	
			<i>For >250 To 500, Deduct</i>	-53.54	
			<i>For >500, Deduct</i>	-78.49	
26 51 19 00-0085			Panel Type, Lay-In/Troffer LED Fixtures (Sylvania) <small>(26 51 19 00-0079)</small>		
26 51 19 00-0086	EA	1' x 4'	3,300 Lumens, 32 Watt, LED Edge Lite Panel (Sylvania PANELF1A/032UNVD840/14G/WH).....	215.09	48.64
			<i>For Surface Mounting Kit (Sylvania SMKIT1A/14A/WH), Add</i>	53.05	
			<i>For >50 To 100, Deduct</i>	-7.20	
			<i>For >100 To 250, Deduct</i>	-12.58	
			<i>For >250 To 500, Deduct</i>	-21.51	
			<i>For >500, Deduct</i>	-30.44	
26 51 19 00-0087	EA	2' x 2'	3,500 Lumens, 32 Watt, LED Edge Lite Panel (Sylvania PANELF1A/032UNVD840/22G/WH).....	222.01	48.64
			<i>For >50 To 100, Deduct</i>	-7.38	
			<i>For >100 To 250, Deduct</i>	-12.93	
			<i>For >250 To 500, Deduct</i>	-22.20	
			<i>For >500, Deduct</i>	-31.47	
26 51 19 00-0088	EA	2' x 4'	3,300 Lumens, 32 Watt, LED Edge Lite Panel (Sylvania PANELF1A/032UNVD840/24G/WH).....	225.17	48.64
			<i>For Surface Mounting Kit (Sylvania SMKIT1A/24A/WH)</i>	66.31	
			<i>For >50 To 100, Deduct</i>	-7.46	
			<i>For >100 To 250, Deduct</i>	-13.09	
			<i>For >250 To 500, Deduct</i>	-22.52	
			<i>For >500, Deduct</i>	-31.95	
26 51 19 00-0089	EA	2' x 4'	3,300 Lumens, 32 Watt, 3500K CCT, LED Edge Lite Panel With Kit (Sylvania PANELF1A/032UNVD835/24G/WH_SMKIT1A/24A/WH).....	524.02	48.64
			<i>For >50 To 100, Deduct</i>	-14.93	
			<i>For >100 To 250, Deduct</i>	-28.03	
			<i>For >250 To 500, Deduct</i>	-52.40	
			<i>For >500, Deduct</i>	-76.78	
26 51 19 00-0090			Surface Mount LED Fixtures <small>(26 51 19 00-0001)</small>		
26 51 19 00-0091			Surface Mount, Volumetric LED Fixtures (Lithonia STL) <small>(26 51 19 00-0090)</small>		
26 51 19 00-0092	EA	2' Length	2,200 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL2).....	317.48	31.31
			<i>For >50 To 100, Deduct</i>	-9.11	
			<i>For >100 To 250, Deduct</i>	-17.05	
			<i>For >250 To 500, Deduct</i>	-31.75	
			<i>For >500, Deduct</i>	-46.45	
26 51 19 00-0093	EA	4' Length	3,000 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL4).....	324.57	38.20
			<i>For >50 To 100, Deduct</i>	-9.55	
			<i>For >100 To 250, Deduct</i>	-17.66	
			<i>For >250 To 500, Deduct</i>	-32.46	
			<i>For >500, Deduct</i>	-47.25	
26 51 19 00-0094	EA	4' Length	4,000 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL4).....	321.42	38.20
			<i>For >50 To 100, Deduct</i>	-9.47	
			<i>For >100 To 250, Deduct</i>	-17.51	
			<i>For >250 To 500, Deduct</i>	-32.14	
			<i>For >500, Deduct</i>	-46.78	
26 51 19 00-0095			Surface Mount, Wraparound LED Fixtures (Lithonia LBL) <small>(26 51 19 00-0090)</small>		
26 51 19 00-0096	EA	2' Length	2,000 Lumens, Surface Mount, Wraparound LED Fixture (Lithonia LBL2).....	260.49	31.31
			<i>For >50 To 100, Deduct</i>	-7.69	
			<i>For >100 To 250, Deduct</i>	-14.20	
			<i>For >250 To 500, Deduct</i>	-26.05	
			<i>For >500, Deduct</i>	-37.90	
26 51 19 00-0097	EA	4' Length	4,000 Lumens, Surface Mount, Wraparound LED Fixture (Lithonia LBL4).....	343.44	38.20
			<i>For >50 To 100, Deduct</i>	-10.02	
			<i>For >100 To 250, Deduct</i>	-18.61	
			<i>For >250 To 500, Deduct</i>	-34.34	
			<i>For >500, Deduct</i>	-50.08	
26 51 19 00-0098			Surface Mount, Shadow Box Style LED Fixtures <small>(26 51 19 00-0090)</small>		
26 51 19 00-0099			Surface Mount, Shadow Box Style LED Fixtures (Lithonia SBSLX) <small>(26 51 19 00-0098)</small>		
26 51 19 00-0100	EA	2' x 2'	3,300 Lumens, Surface Mount, Shadow Box Style LED Fixture (Lithonia 2SBSLX2).....	777.83	41.75
			<i>For >50 To 100, Deduct</i>	-21.01	
			<i>For >100 To 250, Deduct</i>	-40.46	
			<i>For >250 To 500, Deduct</i>	-77.78	
			<i>For >500, Deduct</i>	-115.11	

26 Electrical**26 50 Lighting****26 51 Interior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0101	EA		2' x 4', 4,600 Lumens, Surface Mount, Shadow Box Style LED Fixture (Lithonia 2SBSLX4).....	999.18	48.64
			<i>For >50 To 100, Deduct</i>	-26.81	
			<i>For >100 To 250, Deduct</i>	-51.79	
			<i>For >250 To 500, Deduct</i>	-99.92	
			<i>For >500, Deduct</i>	-148.05	
26 51 19 00-0102			Surface Mount, Low Profile Fixtures <small>(26 51 19 00-0090)</small>		
26 51 19 00-0103	EA		6" Diameter, 993 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting - 8538-90)	100.98	28.62
			<i>For >50 To 100, Deduct</i>	-3.96	
			<i>For >100 To 250, Deduct</i>	-6.48	
			<i>For >250 To 500, Deduct</i>	-10.10	
			<i>For >500, Deduct</i>	-13.72	
26 51 19 00-0104	EA		6" Diameter, 1,215 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting - 8569).....	81.99	28.62
			<i>For >50 To 100, Deduct</i>	-3.48	
			<i>For >100 To 250, Deduct</i>	-5.53	
			<i>For >250 To 500, Deduct</i>	-8.20	
			<i>For >500, Deduct</i>	-10.87	
26 51 19 00-0105	EA		13" Diameter, 1,400 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting - 4329).....	140.86	28.62
			<i>For >50 To 100, Deduct</i>	-4.95	
			<i>For >100 To 250, Deduct</i>	-8.47	
			<i>For >250 To 500, Deduct</i>	-14.09	
			<i>For >500, Deduct</i>	-19.70	
26 51 19 00-0106	EA		15" Diameter, 2,100 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting 4330).....	171.26	28.62
			<i>For >50 To 100, Deduct</i>	-5.71	
			<i>For >100 To 250, Deduct</i>	-9.99	
			<i>For >250 To 500, Deduct</i>	-17.13	
			<i>For >500, Deduct</i>	-24.26	
26 51 19 00-0107			Recessed LED Downlights <small>(26 51 19 00-0001)</small>		
26 51 19 00-0108			Recessed LED Downlights <small>(26 51 19 00-0107)</small>		
26 51 19 00-0109			Recessed LED Downlights (Lithonia) <small>(26 51 19 00-0108)</small>		
			Note: Includes housing and trim.		
26 51 19 00-0110	EA		8" Diameter, 1,200 Lumens, Recessed LED Downlight With Open Trim (Lithonia DOM8 LED).....	361.96	50.28
			<i>For Dimming Driver And Sensor Switch nLight Dimming Relay, Add</i>	75.39	
			<i>For >50 To 100, Deduct</i>	-10.93	
			<i>For >100 To 250, Deduct</i>	-19.98	
			<i>For >250 To 500, Deduct</i>	-36.20	
			<i>For >500, Deduct</i>	-52.41	
26 51 19 00-0111	EA		8" Diameter, 1,500 Lumens, Recessed LED Downlight With Open Trim (Lithonia DOM8 LED).....	392.81	50.28
			<i>For Dimming Driver And Sensor Switch nLight Dimming Relay, Add</i>	75.39	
			<i>For >50 To 100, Deduct</i>	-11.71	
			<i>For >100 To 250, Deduct</i>	-21.53	
			<i>For >250 To 500, Deduct</i>	-39.28	
			<i>For >500, Deduct</i>	-57.04	
26 51 19 00-0112			Recessed LED Downlights (Portfolio®) <small>(26 51 19 00-0108)</small>		
			Note: Includes housing and trim.		
26 51 19 00-0113	EA		4" Diameter, 1,300 Lumens, Recessed LED Downlight With Open Trim (Portfolio® LD413)	230.75	50.28
			<i>For >50 To 100, Deduct</i>	-7.65	
			<i>For >100 To 250, Deduct</i>	-13.42	
			<i>For >250 To 500, Deduct</i>	-23.08	
			<i>For >500, Deduct</i>	-32.73	
26 51 19 00-0114			Recessed LED Downlights (Gotham® EVO®) <small>(26 51 19 00-0108)</small>		
			Note: Includes housing and trim.		
26 51 19 00-0115	EA		6" Diameter, 1,800 Lumens, Recessed LED Downlight With Open Trim (Gotham® EVO® ALED)	306.02	50.28
			<i>For >50 To 100, Deduct</i>	-9.54	
			<i>For >100 To 250, Deduct</i>	-17.19	
			<i>For >250 To 500, Deduct</i>	-30.60	
			<i>For >500, Deduct</i>	-44.02	
26 51 19 00-0116	EA		6" Diameter, 1,800 Lumens, Recessed LED Shower Downlight With Non-Conductive Regressed Lens (Gotham® EVO® ALED).....	315.96	50.28
			<i>For >50 To 100, Deduct</i>	-9.78	
			<i>For >100 To 250, Deduct</i>	-17.68	
			<i>For >250 To 500, Deduct</i>	-31.60	
			<i>For >500, Deduct</i>	-45.51	
26 51 19 00-0117	EA		6" Diameter, 1,800 Lumens, Recessed LED Wallwash Downlight With Specular Reflector Trim (Gotham® EVO® DLWLED)	356.75	50.28
			<i>For >50 To 100, Deduct</i>	-10.80	
			<i>For >100 To 250, Deduct</i>	-19.72	
			<i>For >250 To 500, Deduct</i>	-35.68	
			<i>For >500, Deduct</i>	-51.63	
26 51 19 00-0118	EA		6" Diameter, 1,800 Lumens, Decorative Recessed LED Downlight With Glass Drop Luminous Ring (Gotham® EVO® ALED).....	360.73	50.28
			<i>For >50 To 100, Deduct</i>	-10.90	
			<i>For >100 To 250, Deduct</i>	-19.92	
			<i>For >250 To 500, Deduct</i>	-36.07	
			<i>For >500, Deduct</i>	-52.22	
26 51 19 00-0119	EA		6" Diameter, 1,800 Lumens, Vandal Resistant, Recessed LED Downlight With Tempered Prismatic Lens (Gotham® EVO® VRALED)	395.54	50.28
			<i>For >50 To 100, Deduct</i>	-11.77	
			<i>For >100 To 250, Deduct</i>	-21.66	
			<i>For >250 To 500, Deduct</i>	-39.55	
			<i>For >500, Deduct</i>	-57.45	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 51 19 00-0120	Recessed LED Downlights (Lightolier) <small>(26 51 19 00-0108)</small>		
	Note: Includes housing and trim.		
26 51 19 00-0121	EA 4" Diameter, 500 Lumens, Recessed LED Downlight With Open Trim (Lightolier C4L05DL).....	580.31	50.28
	For >50 To 100, Deduct	-16.39	
	For >100 To 250, Deduct	-30.90	
	For >250 To 500, Deduct	-58.03	
	For >500, Deduct	-85.16	
26 51 19 00-0122	EA 4" Diameter, 1,000 Lumens, Recessed LED Downlight With Open Trim (Lightolier C4L10DL).....	681.57	50.28
	For >50 To 100, Deduct	-18.92	
	For >100 To 250, Deduct	-35.96	
	For >250 To 500, Deduct	-68.16	
	For >500, Deduct	-100.35	
26 51 19 00-0123	EA 6" Diameter, 1,500 Lumens, Recessed LED Downlight With Open Trim (Lightolier C6L1520DL).....	732.08	50.28
	For >50 To 100, Deduct	-20.19	
	For >100 To 250, Deduct	-38.49	
	For >250 To 500, Deduct	-73.21	
	For >500, Deduct	-107.93	
26 51 19 00-0124	EA 6" Diameter, 2,000 Lumens, Recessed LED Downlight With Open Trim (Lightolier C6L1520DL).....	732.08	50.28
	For >50 To 100, Deduct	-20.19	
	For >100 To 250, Deduct	-38.49	
	For >250 To 500, Deduct	-73.21	
	For >500, Deduct	-107.93	
26 51 19 00-0125	EA 7" Diameter, 1,500 Lumens, Recessed LED Downlight With Open Trim (Lightolier C7L1520DL).....	757.45	50.28
	For >50 To 100, Deduct	-20.82	
	For >100 To 250, Deduct	-39.76	
	For >250 To 500, Deduct	-75.75	
	For >500, Deduct	-111.73	
26 51 19 00-0126	EA 7" Diameter, 2,000 Lumens, Recessed LED Downlight With Open Trim (Lightolier C7L1520DL).....	782.84	50.28
	For >50 To 100, Deduct	-21.46	
	For >100 To 250, Deduct	-41.03	
	For >250 To 500, Deduct	-78.28	
	For >500, Deduct	-115.54	

26 51 19 00-0127	Recessed LED Downlights (Cooper) <small>(26 51 19 00-0108)</small>		
26 51 19 00-0128	EA 600 Lumens, 2700K CCT, LED Downlight (Cooper Halo ML5606827)	145.65	50.28
	For >50 To 100, Deduct	-5.53	
	For >100 To 250, Deduct	-9.17	
	For >250 To 500, Deduct	-14.57	
	For >500, Deduct	-19.96	
26 51 19 00-0129	EA 600 Lumens, 3000K CCT, LED Downlight (Cooper Halo ML5606830)	145.65	50.28
	For >50 To 100, Deduct	-5.53	
	For >100 To 250, Deduct	-9.17	
	For >250 To 500, Deduct	-14.57	
	For >500, Deduct	-19.96	
26 51 19 00-0130	EA 600 Lumens, 3500K CCT, LED Downlight (Cooper Halo ML5606835)	145.65	50.28
	For >50 To 100, Deduct	-5.53	
	For >100 To 250, Deduct	-9.17	
	For >250 To 500, Deduct	-14.57	
	For >500, Deduct	-19.96	
26 51 19 00-0131	EA 600 Lumens, 4000K CCT, LED Downlight (Cooper Halo ML5606840)	145.65	50.28
	For >50 To 100, Deduct	-5.53	
	For >100 To 250, Deduct	-9.17	
	For >250 To 500, Deduct	-14.57	
	For >500, Deduct	-19.96	
26 51 19 00-0132	EA 900 Lumens, 2700K CCT, LED Downlight (Cooper Halo ML5609827)	148.26	50.28
	For >50 To 100, Deduct	-5.59	
	For >100 To 250, Deduct	-9.30	
	For >250 To 500, Deduct	-14.83	
	For >500, Deduct	-20.35	
26 51 19 00-0133	EA 900 Lumens, 3000K CCT, LED Downlight (Cooper Halo ML5609830)	148.26	50.28
	For >50 To 100, Deduct	-5.59	
	For >100 To 250, Deduct	-9.30	
	For >250 To 500, Deduct	-14.83	
	For >500, Deduct	-20.35	
26 51 19 00-0134	EA 900 Lumens, 3500K CCT, LED Downlight (Cooper Halo ML5609835)	148.26	50.28
	For >50 To 100, Deduct	-5.59	
	For >100 To 250, Deduct	-9.30	
	For >250 To 500, Deduct	-14.83	
	For >500, Deduct	-20.35	
26 51 19 00-0135	EA 900 Lumens, 4000K CCT, LED Downlight (Cooper Halo ML5609840)	148.26	50.28
	For >50 To 100, Deduct	-5.59	
	For >100 To 250, Deduct	-9.30	
	For >250 To 500, Deduct	-14.83	
	For >500, Deduct	-20.35	
26 51 19 00-0136	EA 1,200 Lumens, 2700K CCT, LED Downlight (Cooper Halo ML5612827)	183.73	50.28
	For >50 To 100, Deduct	-6.48	
	For >100 To 250, Deduct	-11.07	
	For >250 To 500, Deduct	-18.37	
	For >500, Deduct	-25.67	
26 51 19 00-0137	EA 1,200 Lumens, 3000K CCT, LED Downlight (Cooper Halo ML5612830)	181.93	50.28
	For >50 To 100, Deduct	-6.43	
	For >100 To 250, Deduct	-10.98	
	For >250 To 500, Deduct	-18.19	
	For >500, Deduct	-25.40	

26 Electrical

26 50 Lighting

26 51 Interior Lighting



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 51 19 00-0138	EA 1,200 Lumens, 3500K CCT, LED Downlight (Cooper Halo ML5612835)	181.93	50.28
	For>50 To 100, Deduct	-6.43	
	For>100 To 250, Deduct	-10.98	
	For>250 To 500, Deduct	-18.19	
	For>500, Deduct	-25.40	
26 51 19 00-0139	EA 1,200 Lumens, 4000K CCT, LED Downlight (Cooper Halo ML5612840)	181.93	50.28
	For>50 To 100, Deduct	-6.43	
	For>100 To 250, Deduct	-10.98	
	For>250 To 500, Deduct	-18.19	
	For>500, Deduct	-25.40	
26 51 19 00-0140	EA 5" LED Trim, Polymer Dead-Front, Shallow White Baffle And Flange (Cooper Halo 591WB)	87.10	16.00
	For>50 To 100, Deduct	-2.78	
	For>100 To 250, Deduct	-4.96	
	For>250 To 500, Deduct	-8.71	
	For>500, Deduct	-12.47	
26 51 19 00-0141	EA 5" LED Trim, Specular Reflector And White Flange (Cooper Halo 592SC)	54.64	16.00
	For>50 To 100, Deduct	-1.97	
	For>100 To 250, Deduct	-3.33	
	For>250 To 500, Deduct	-5.46	
	For>500, Deduct	-7.60	
26 51 19 00-0142	EA 5" LED Trim, Haze Reflector And White Flange (Cooper Halo 592H)	68.61	16.00
	For>50 To 100, Deduct	-2.32	
	For>100 To 250, Deduct	-4.03	
	For>250 To 500, Deduct	-6.86	
	For>500, Deduct	-9.69	
26 51 19 00-0143	EA 5" LED Trim, White Reflector And Flange (Cooper Halo 592W)	57.45	16.00
	For>50 To 100, Deduct	-2.04	
	For>100 To 250, Deduct	-3.47	
	For>250 To 500, Deduct	-5.75	
	For>500, Deduct	-8.02	
26 51 19 00-0144	EA 5" LED Trim, White Micro-Step Baffle And Flange (Cooper Halo 593WB)	46.04	16.00
	For>50 To 100, Deduct	-1.75	
	For>100 To 250, Deduct	-2.90	
	For>250 To 500, Deduct	-4.60	
	For>500, Deduct	-6.31	
26 51 19 00-0145	EA 5" LED Trim, Black Micro-Step Baffle And White Flange (Cooper Halo 593BB)	56.95	16.00
	For>50 To 100, Deduct	-2.02	
	For>100 To 250, Deduct	-3.45	
	For>250 To 500, Deduct	-5.70	
	For>500, Deduct	-7.94	
26 51 19 00-0146	EA 5" LED Trim, Satin Nickel Micro-Step Baffle And Flange (Cooper Halo 593SNB)	63.60	16.00
	For>50 To 100, Deduct	-2.19	
	For>100 To 250, Deduct	-3.78	
	For>250 To 500, Deduct	-6.36	
	For>500, Deduct	-8.94	
26 51 19 00-0147	EA 5" LED Trim, Tuscan Bronze Micro-Step Baffle And Flange (Cooper Halo 593TBZB)	69.52	16.00
	For>50 To 100, Deduct	-2.34	
	For>100 To 250, Deduct	-4.08	
	For>250 To 500, Deduct	-6.95	
	For>500, Deduct	-9.83	
26 51 19 00-0148	EA 5" LED Directional Trim, White eyeball, Baffle And Flange (Cooper Halo 594WB)	81.08	16.00
	For>50 To 100, Deduct	-2.63	
	For>100 To 250, Deduct	-4.65	
	For>250 To 500, Deduct	-8.11	
	For>500, Deduct	-11.56	
26 51 19 00-0149	EA 5" LED Directional Trim, Satin Nickel eyeball, Baffle And Flange (Cooper Halo 594SNB)	81.46	16.00
	For>50 To 100, Deduct	-2.64	
	For>100 To 250, Deduct	-4.67	
	For>250 To 500, Deduct	-8.15	
	For>500, Deduct	-11.62	
26 51 19 00-0150	EA 5" LED Directional Trim, Tuscan Bronze eyeball, Baffle And Flange (Cooper Halo 594TBZB)	79.80	16.00
	For>50 To 100, Deduct	-2.60	
	For>100 To 250, Deduct	-4.59	
	For>250 To 500, Deduct	-7.98	
	For>500, Deduct	-11.37	
26 51 19 00-0151	EA 5" LED Trim, Wall Wash - Specular reflector, repositionable Specular kick reflector, White Flange (Cooper Halo 595WW)	98.77	16.00
	For>50 To 100, Deduct	-3.07	
	For>100 To 250, Deduct	-5.54	
	For>250 To 500, Deduct	-9.88	
	For>500, Deduct	-14.22	
26 51 19 00-0152	EA 5" LED Trim, White Shallow Baffle And Flange (Cooper Halo 596WB)	46.45	16.00
	For>50 To 100, Deduct	-1.76	
	For>100 To 250, Deduct	-2.92	
	For>250 To 500, Deduct	-4.65	
	For>500, Deduct	-6.37	
26 51 19 00-0153	EA 6" LED Trim, Polymer Dead-Front, White Shallow Baffle And Flange (Cooper Halo 691WB)	84.32	16.00
	For>50 To 100, Deduct	-2.71	
	For>100 To 250, Deduct	-4.82	
	For>250 To 500, Deduct	-8.43	
	For>500, Deduct	-12.05	
26 51 19 00-0154	EA 6" LED Trim, Specular Reflector And White Flange (Cooper Halo 692SC)	71.55	16.00
	For>50 To 100, Deduct	-2.39	
	For>100 To 250, Deduct	-4.18	
	For>250 To 500, Deduct	-7.16	
	For>500, Deduct	-10.13	
26 51 19 00-0155	EA 6" LED Trim, Haze Reflector And White Flange (Cooper Halo 692H)	67.07	16.00
	For>50 To 100, Deduct	-2.28	
	For>100 To 250, Deduct	-3.95	
	For>250 To 500, Deduct	-6.71	
	For>500, Deduct	-9.46	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0156	EA		6" LED Trim, White Reflector And Flange (Cooper Halo 692W).....	59.68	16.00
			<i>For >50 To 100, Deduct</i>	-2.09	
			<i>For >100 To 250, Deduct</i>	-3.58	
			<i>For >250 To 500, Deduct</i>	-5.97	
			<i>For >500, Deduct</i>	-8.35	
26 51 19 00-0157	EA		6" LED Trim, White Micro-Step Baffle And Flange (Cooper Halo 693WB)	60.22	16.00
			<i>For >50 To 100, Deduct</i>	-2.11	
			<i>For >100 To 250, Deduct</i>	-3.61	
			<i>For >250 To 500, Deduct</i>	-6.02	
			<i>For >500, Deduct</i>	-8.43	
26 51 19 00-0158	EA		6" LED Trim, Black Micro-Step Baffle And White Flange (Cooper Halo 693BB).....	64.96	16.00
			<i>For >50 To 100, Deduct</i>	-2.22	
			<i>For >100 To 250, Deduct</i>	-3.85	
			<i>For >250 To 500, Deduct</i>	-6.50	
			<i>For >500, Deduct</i>	-9.14	
26 51 19 00-0159	EA		6" LED Trim, Satin Nickel Micro-Step Baffle And Flange (Cooper Halo 693SNB).....	59.39	16.00
			<i>For >50 To 100, Deduct</i>	-2.08	
			<i>For >100 To 250, Deduct</i>	-3.57	
			<i>For >250 To 500, Deduct</i>	-5.94	
			<i>For >500, Deduct</i>	-8.31	
26 51 19 00-0160	EA		6" LED Trim, Tuscan Bronze Micro-Step Baffle And Flange (Cooper Halo 693TBZB).....	74.51	16.00
			<i>For >50 To 100, Deduct</i>	-2.46	
			<i>For >100 To 250, Deduct</i>	-4.33	
			<i>For >250 To 500, Deduct</i>	-7.45	
			<i>For >500, Deduct</i>	-10.58	
26 51 19 00-0161	EA		6" LED Directional Trim, White eyeball, Baffle And Flange (Cooper Halo 694WB)	80.89	16.00
			<i>For >50 To 100, Deduct</i>	-2.62	
			<i>For >100 To 250, Deduct</i>	-4.64	
			<i>For >250 To 500, Deduct</i>	-8.09	
			<i>For >500, Deduct</i>	-11.53	
26 51 19 00-0162	EA		6" LED Directional Trim, Satin Nickel eyeball, Baffle And Flange (Cooper Halo 694SNB).....	102.09	16.00
			<i>For >50 To 100, Deduct</i>	-3.15	
			<i>For >100 To 250, Deduct</i>	-5.70	
			<i>For >250 To 500, Deduct</i>	-10.21	
			<i>For >500, Deduct</i>	-14.71	
26 51 19 00-0163	EA		6" LED Directional Trim, Tuscan Bronze eyeball, Baffle And Flange (Cooper Halo 694TBZB).....	99.43	16.00
			<i>For >50 To 100, Deduct</i>	-3.09	
			<i>For >100 To 250, Deduct</i>	-5.57	
			<i>For >250 To 500, Deduct</i>	-9.94	
			<i>For >500, Deduct</i>	-14.31	
26 51 19 00-0164	EA		6" LED Trim, Wall Wash - Specular reflector, repositionable Specular kick reflector, White Flange (Cooper Halo 695WW)	100.60	16.00
			<i>For >50 To 100, Deduct</i>	-3.12	
			<i>For >100 To 250, Deduct</i>	-5.63	
			<i>For >250 To 500, Deduct</i>	-10.06	
			<i>For >500, Deduct</i>	-14.49	
26 51 19 00-0165	EA		6" LED Trim, White Shallow Baffle And Flange (Cooper Halo 696WB)	60.86	16.00
			<i>For >50 To 100, Deduct</i>	-2.12	
			<i>For >100 To 250, Deduct</i>	-3.64	
			<i>For >250 To 500, Deduct</i>	-6.09	
			<i>For >500, Deduct</i>	-8.53	
26 51 19 00-0166	EA		6" LED, Insulated Ceiling, Air-Tite, New Construction Housing (Cooper Halo H750ICAT).....	57.12	34.28
			<i>For >50 To 100, Deduct</i>	-2.71	
			<i>For >100 To 250, Deduct</i>	-4.14	
			<i>For >250 To 500, Deduct</i>	-5.71	
			<i>For >500, Deduct</i>	-7.28	
26 51 19 00-0167	EA		6" LED, Insulated Ceiling, Air-Tite, Remodel Housing (Cooper Halo H750RICAT)	62.31	34.28
			<i>For >50 To 100, Deduct</i>	-2.84	
			<i>For >100 To 250, Deduct</i>	-4.40	
			<i>For >250 To 500, Deduct</i>	-6.23	
			<i>For >500, Deduct</i>	-8.06	
26 51 19 00-0168	EA		6" LED, Non-IC, Air-Tite, New Construction Housing (Cooper Halo H750T).....	60.23	34.28
			<i>For >50 To 100, Deduct</i>	-2.79	
			<i>For >100 To 250, Deduct</i>	-4.30	
			<i>For >250 To 500, Deduct</i>	-6.02	
			<i>For >500, Deduct</i>	-7.75	
26 51 19 00-0169	EA		6" LED, Non-IC, New Construction/Remodel Chicago Plenum Housing (Cooper Halo H750TCP).....	80.69	34.28
			<i>For >50 To 100, Deduct</i>	-3.30	
			<i>For >100 To 250, Deduct</i>	-5.32	
			<i>For >250 To 500, Deduct</i>	-8.07	
			<i>For >500, Deduct</i>	-10.82	
26 51 19 00-0170	EA		6" LED, Shallow, Insulated Ceiling, Air-Tite, New Constr. (Cooper Halo H2750ICAT).....	78.29	34.28
			<i>For >50 To 100, Deduct</i>	-3.24	
			<i>For >100 To 250, Deduct</i>	-5.20	
			<i>For >250 To 500, Deduct</i>	-7.83	
			<i>For >500, Deduct</i>	-10.46	
26 51 19 00-0171	EA		6" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo H7ICAT).....	63.02	34.28
			<i>For >50 To 100, Deduct</i>	-2.86	
			<i>For >100 To 250, Deduct</i>	-4.44	
			<i>For >250 To 500, Deduct</i>	-6.30	
			<i>For >500, Deduct</i>	-8.17	
26 51 19 00-0172	EA		6" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo H7RICAT).....	66.52	34.28
			<i>For >50 To 100, Deduct</i>	-2.95	
			<i>For >100 To 250, Deduct</i>	-4.61	
			<i>For >250 To 500, Deduct</i>	-6.65	
			<i>For >500, Deduct</i>	-8.69	
26 51 19 00-0173	EA		6" Insulated Ceiling, New Construction Housing (Cooper Halo H7ICT).....	62.29	34.28
			<i>For >50 To 100, Deduct</i>	-2.84	
			<i>For >100 To 250, Deduct</i>	-4.40	
			<i>For >250 To 500, Deduct</i>	-6.23	
			<i>For >500, Deduct</i>	-8.06	

26 Electrical

26 50 Lighting

26 51 Interior Lighting



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 51 19 00-0174	EA 6" Insulated Ceiling, Remodel Housing (Cooper Halo H7RICT)	66.12	34.28
	For>50 To 100, Deduct	-2.94	
	For>100 To 250, Deduct	-4.59	
	For>250 To 500, Deduct	-6.61	
	For>500, Deduct	-8.63	
26 51 19 00-0175	EA 6" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket (Cooper Halo H7ICATNB).....	62.93	34.28
	For>50 To 100, Deduct	-2.86	
	For>100 To 250, Deduct	-4.43	
	For>250 To 500, Deduct	-6.29	
	For>500, Deduct	-8.15	
26 51 19 00-0176	EA 6" Insulated Ceiling, New Construction Housing, No Socket Bracket (Cooper Halo H7ICTNB)	62.57	34.28
	For>50 To 100, Deduct	-2.85	
	For>100 To 250, Deduct	-4.41	
	For>250 To 500, Deduct	-6.26	
	For>500, Deduct	-8.10	
26 51 19 00-0177	EA 6" Non-IC, New Construction Housing (Cooper Halo H7T).....	65.33	34.28
	For>50 To 100, Deduct	-2.92	
	For>100 To 250, Deduct	-4.55	
	For>250 To 500, Deduct	-6.53	
	For>500, Deduct	-8.51	
26 51 19 00-0178	EA 6" Non-IC, Remodel Housing (Cooper Halo H7RT).....	66.83	34.28
	For>50 To 100, Deduct	-2.96	
	For>100 To 250, Deduct	-4.63	
	For>250 To 500, Deduct	-6.68	
	For>500, Deduct	-8.74	
26 51 19 00-0179	EA 6" Non-IC, New Construction Housing, No Socket Bracket (Cooper Halo H7TNB).....	67.31	34.28
	For>50 To 100, Deduct	-2.97	
	For>100 To 250, Deduct	-4.65	
	For>250 To 500, Deduct	-6.73	
	For>500, Deduct	-8.81	
26 51 19 00-0180	EA 6" Non-IC, Chicago Plenum, New Construction/Remodel Housing (Cooper Halo H7TCP)	90.48	34.28
	For>50 To 100, Deduct	-3.55	
	For>100 To 250, Deduct	-5.81	
	For>250 To 500, Deduct	-9.05	
	For>500, Deduct	-12.29	
26 51 19 00-0181	EA 6" Insulated Ceiling, Universal New Construction Housing (Cooper Halo H7UICT).....	84.67	34.28
	For>50 To 100, Deduct	-3.40	
	For>100 To 250, Deduct	-5.52	
	For>250 To 500, Deduct	-8.47	
	For>500, Deduct	-11.42	
26 51 19 00-0182	EA 6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing (Cooper Halo H7UICAT).....	85.34	34.28
	For>50 To 100, Deduct	-3.42	
	For>100 To 250, Deduct	-5.55	
	For>250 To 500, Deduct	-8.53	
	For>500, Deduct	-11.52	
26 51 19 00-0183	EA 6" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo EI700AT).....	89.23	34.28
	For>50 To 100, Deduct	-3.52	
	For>100 To 250, Deduct	-5.75	
	For>250 To 500, Deduct	-8.92	
	For>500, Deduct	-12.10	
26 51 19 00-0184	EA 6" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo EI700RAT)	89.23	34.28
	For>50 To 100, Deduct	-3.52	
	For>100 To 250, Deduct	-5.75	
	For>250 To 500, Deduct	-8.92	
	For>500, Deduct	-12.10	
26 51 19 00-0185	EA 6" Insulated Ceiling, New Construction Housing (Cooper Halo EI700).....	89.23	34.28
	For>50 To 100, Deduct	-3.52	
	For>100 To 250, Deduct	-5.75	
	For>250 To 500, Deduct	-8.92	
	For>500, Deduct	-12.10	
26 51 19 00-0186	EA 6" Insulated Ceiling, Remodel Housing (Cooper Halo EI700R)	89.23	34.28
	For>50 To 100, Deduct	-3.52	
	For>100 To 250, Deduct	-5.75	
	For>250 To 500, Deduct	-8.92	
	For>500, Deduct	-12.10	
26 51 19 00-0187	EA 6" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket (Cooper Halo EI700ATNB)	89.23	34.28
	For>50 To 100, Deduct	-3.52	
	For>100 To 250, Deduct	-5.75	
	For>250 To 500, Deduct	-8.92	
	For>500, Deduct	-12.10	
26 51 19 00-0188	EA 6" Insulated Ceiling, New Construction Housing, No Socket Bracket (Cooper Halo EI700NB)	79.06	34.28
	For>50 To 100, Deduct	-3.26	
	For>100 To 250, Deduct	-5.24	
	For>250 To 500, Deduct	-7.91	
	For>500, Deduct	-10.57	
26 51 19 00-0189	EA 6" Insulated Ceiling, Universal New Construction Housing (Cooper Halo EI700U).....	79.06	34.28
	For>50 To 100, Deduct	-3.26	
	For>100 To 250, Deduct	-5.24	
	For>250 To 500, Deduct	-7.91	
	For>500, Deduct	-10.57	
26 51 19 00-0190	EA 6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing (Cooper Halo EI700UAT).....	79.06	34.28
	For>50 To 100, Deduct	-3.26	
	For>100 To 250, Deduct	-5.24	
	For>250 To 500, Deduct	-7.91	
	For>500, Deduct	-10.57	
26 51 19 00-0191	EA 6" Non-IC, New Construction Housing (Cooper Halo ET700).....	79.06	34.28
	For>50 To 100, Deduct	-3.26	
	For>100 To 250, Deduct	-5.24	
	For>250 To 500, Deduct	-7.91	
	For>500, Deduct	-10.57	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0192	EA		6" Non-IC, Remodel Housing (Cooper Halo ET700R).....	79.06	34.28
			<i>For >50 To 100, Deduct</i>	-3.26	
			<i>For >100 To 250, Deduct</i>	-5.24	
			<i>For >250 To 500, Deduct</i>	-7.91	
			<i>For >500, Deduct</i>	-10.57	
26 51 19 00-0193	EA		6" Shallow, Insulated Ceiling, Air-Tite New Construction (Cooper Halo H27ICAT).....	79.80	34.28
			<i>For >50 To 100, Deduct</i>	-3.28	
			<i>For >100 To 250, Deduct</i>	-5.28	
			<i>For >250 To 500, Deduct</i>	-7.98	
			<i>For >500, Deduct</i>	-10.68	
26 51 19 00-0194	EA		6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo H27RICAT).....	91.23	34.28
			<i>For >50 To 100, Deduct</i>	-3.57	
			<i>For >100 To 250, Deduct</i>	-5.85	
			<i>For >250 To 500, Deduct</i>	-9.12	
			<i>For >500, Deduct</i>	-12.40	
26 51 19 00-0195	EA		6" Shallow, Insulated Ceiling, New Construction Housing (Cooper Halo H27ICT).....	79.80	34.28
			<i>For >50 To 100, Deduct</i>	-3.28	
			<i>For >100 To 250, Deduct</i>	-5.28	
			<i>For >250 To 500, Deduct</i>	-7.98	
			<i>For >500, Deduct</i>	-10.68	
26 51 19 00-0196	EA		6" Shallow, Insulated Ceiling, Remodel Housing (Cooper Halo H27RICT).....	88.00	34.28
			<i>For >50 To 100, Deduct</i>	-3.49	
			<i>For >100 To 250, Deduct</i>	-5.69	
			<i>For >250 To 500, Deduct</i>	-8.80	
			<i>For >500, Deduct</i>	-11.91	
26 51 19 00-0197	EA		6" Shallow, Non-IC, New Construction Housing (Cooper Halo H27T).....	75.17	34.28
			<i>For >50 To 100, Deduct</i>	-3.16	
			<i>For >100 To 250, Deduct</i>	-5.04	
			<i>For >250 To 500, Deduct</i>	-7.52	
			<i>For >500, Deduct</i>	-9.99	
26 51 19 00-0198	EA		6" Shallow, Non-IC, Remodel Housing (Cooper Halo H27RT).....	76.29	34.28
			<i>For >50 To 100, Deduct</i>	-3.19	
			<i>For >100 To 250, Deduct</i>	-5.10	
			<i>For >250 To 500, Deduct</i>	-7.63	
			<i>For >500, Deduct</i>	-10.16	
26 51 19 00-0199	EA		6" Shallow, Insulated Ceiling, Air-Tite New Construction (Cooper Halo EI2700AT).....	84.28	34.28
			<i>For >50 To 100, Deduct</i>	-3.39	
			<i>For >100 To 250, Deduct</i>	-5.50	
			<i>For >250 To 500, Deduct</i>	-8.43	
			<i>For >500, Deduct</i>	-11.36	
26 51 19 00-0200	EA		6" Shallow, Insulated Ceiling, New Construction Housing (Cooper Halo EI2700).....	84.28	34.28
			<i>For >50 To 100, Deduct</i>	-3.39	
			<i>For >100 To 250, Deduct</i>	-5.50	
			<i>For >250 To 500, Deduct</i>	-8.43	
			<i>For >500, Deduct</i>	-11.36	
26 51 19 00-0201	EA		6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo EI2700R).....	84.28	34.28
			<i>For >50 To 100, Deduct</i>	-3.39	
			<i>For >100 To 250, Deduct</i>	-5.50	
			<i>For >250 To 500, Deduct</i>	-8.43	
			<i>For >500, Deduct</i>	-11.36	
26 51 19 00-0202	EA		6" Shallow, Non-IC, New Construction Housing (Cooper Halo ET2700).....	84.28	34.28
			<i>For >50 To 100, Deduct</i>	-3.39	
			<i>For >100 To 250, Deduct</i>	-5.50	
			<i>For >250 To 500, Deduct</i>	-8.43	
			<i>For >500, Deduct</i>	-11.36	
26 51 19 00-0203	EA		6" Shallow, Non-IC, Remodel Housing (Cooper Halo ET2700R).....	84.28	34.28
			<i>For >50 To 100, Deduct</i>	-3.39	
			<i>For >100 To 250, Deduct</i>	-5.50	
			<i>For >250 To 500, Deduct</i>	-8.43	
			<i>For >500, Deduct</i>	-11.36	
26 51 19 00-0204	EA		6" Retrofit Enclosure, Non-IC, BX Whip (Cooper Halo ML7BXRFK).....	69.29	16.00
			<i>For >50 To 100, Deduct</i>	-2.33	
			<i>For >100 To 250, Deduct</i>	-4.06	
			<i>For >250 To 500, Deduct</i>	-6.93	
			<i>For >500, Deduct</i>	-9.79	
26 51 19 00-0205	EA		6" Retrofit Enclosure, Non-IC, E26 Screw base Interface (Cooper Halo ML7E26RFK).....	71.61	16.00
			<i>For >50 To 100, Deduct</i>	-2.39	
			<i>For >100 To 250, Deduct</i>	-4.18	
			<i>For >250 To 500, Deduct</i>	-7.16	
			<i>For >500, Deduct</i>	-10.14	
26 51 19 00-0206	EA		5" LED, Insulated Ceiling, Air-Tite, New Construction Housing (Cooper Halo H550ICAT).....	70.12	34.28
			<i>For >50 To 100, Deduct</i>	-3.04	
			<i>For >100 To 250, Deduct</i>	-4.79	
			<i>For >250 To 500, Deduct</i>	-7.01	
			<i>For >500, Deduct</i>	-9.23	
26 51 19 00-0207	EA		5" LED, Insulated Ceiling, Air-Tite, Remodel Housing (Cooper Halo H550RICAT).....	70.39	34.28
			<i>For >50 To 100, Deduct</i>	-3.05	
			<i>For >100 To 250, Deduct</i>	-4.81	
			<i>For >250 To 500, Deduct</i>	-7.04	
			<i>For >500, Deduct</i>	-9.27	
26 51 19 00-0208	EA		5" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo H5ICAT).....	65.58	34.28
			<i>For >50 To 100, Deduct</i>	-2.93	
			<i>For >100 To 250, Deduct</i>	-4.56	
			<i>For >250 To 500, Deduct</i>	-6.56	
			<i>For >500, Deduct</i>	-8.55	
26 51 19 00-0209	EA		5" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo H5RICAT).....	67.94	34.28
			<i>For >50 To 100, Deduct</i>	-2.98	
			<i>For >100 To 250, Deduct</i>	-4.68	
			<i>For >250 To 500, Deduct</i>	-6.79	
			<i>For >500, Deduct</i>	-8.91	

26 Electrical**26 50 Lighting****26 51 Interior Lighting**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 51 19 00-0210	EA 5" Non-IC, New Construction Housing (Cooper Halo H5T).....	67.17	34.28
	For >50 To 100, Deduct	-2.96	
	For >100 To 250, Deduct	-4.64	
	For >250 To 500, Deduct	-6.72	
	For >500, Deduct	-8.79	
26 51 19 00-0211	EA 5" Non-IC, Remodel Housing (Cooper Halo H5RT).....	67.89	34.28
	For >50 To 100, Deduct	-2.98	
	For >100 To 250, Deduct	-4.68	
	For >250 To 500, Deduct	-6.79	
	For >500, Deduct	-8.90	
26 51 19 00-0212	EA 5" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo EI500AT).....	78.05	34.28
	For >50 To 100, Deduct	-3.24	
	For >100 To 250, Deduct	-5.19	
	For >250 To 500, Deduct	-7.81	
	For >500, Deduct	-10.42	
26 51 19 00-0213	EA 5" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo EI500RAT).....	78.59	34.28
	For >50 To 100, Deduct	-3.25	
	For >100 To 250, Deduct	-5.22	
	For >250 To 500, Deduct	-7.86	
	For >500, Deduct	-10.50	
26 51 19 00-0214	EA 5" Non-IC, New Construction Housing (Cooper Halo ET500).....	81.32	34.28
	For >50 To 100, Deduct	-3.32	
	For >100 To 250, Deduct	-5.35	
	For >250 To 500, Deduct	-8.13	
	For >500, Deduct	-10.91	
26 51 19 00-0215	EA 5" Non-IC, Remodel Housing (Cooper Halo ET500R).....	83.24	34.28
	For >50 To 100, Deduct	-3.37	
	For >100 To 250, Deduct	-5.45	
	For >250 To 500, Deduct	-8.32	
	For >500, Deduct	-11.20	
26 51 19 00-0216	EA 5" Shallow, Insulated Ceiling, Air-Tite New Construction (Cooper Halo H25ICAT).....	91.64	34.28
	For >50 To 100, Deduct	-3.58	
	For >100 To 250, Deduct	-5.87	
	For >250 To 500, Deduct	-9.16	
	For >500, Deduct	-12.46	
26 51 19 00-0217	Recessed LED Downlights (Maxlite DLR) <small>(26 51 19 00-0108)</small>		
26 51 19 00-0218	EA 4" Diameter, 1,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR410).....	167.00	50.28
	For >50 To 100, Deduct	-6.06	
	For >100 To 250, Deduct	-10.24	
	For >250 To 500, Deduct	-16.70	
	For >500, Deduct	-23.16	
26 51 19 00-0219	EA 4" Diameter, 1,500 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR415).....	169.34	50.28
	For >50 To 100, Deduct	-6.12	
	For >100 To 250, Deduct	-10.35	
	For >250 To 500, Deduct	-16.93	
	For >500, Deduct	-23.52	
26 51 19 00-0220	EA 4" Diameter, 2,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR420).....	176.39	50.28
	For >50 To 100, Deduct	-6.30	
	For >100 To 250, Deduct	-10.71	
	For >250 To 500, Deduct	-17.64	
	For >500, Deduct	-24.57	
26 51 19 00-0221	EA 6" Diameter, 1,500 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR615).....	162.29	50.28
	For >50 To 100, Deduct	-5.94	
	For >100 To 250, Deduct	-10.00	
	For >250 To 500, Deduct	-16.23	
	For >500, Deduct	-22.46	
26 51 19 00-0222	EA 6" Diameter, 2,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR620).....	162.29	50.28
	For >50 To 100, Deduct	-5.94	
	For >100 To 250, Deduct	-10.00	
	For >250 To 500, Deduct	-16.23	
	For >500, Deduct	-22.46	
26 51 19 00-0223	EA 6" Diameter, 3,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR630).....	162.29	50.28
	For >50 To 100, Deduct	-5.94	
	For >100 To 250, Deduct	-10.00	
	For >250 To 500, Deduct	-16.23	
	For >500, Deduct	-22.46	
26 51 19 00-0224	EA 8" Diameter, 1,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR810).....	176.39	50.28
	For >50 To 100, Deduct	-6.30	
	For >100 To 250, Deduct	-10.71	
	For >250 To 500, Deduct	-17.64	
	For >500, Deduct	-24.57	
26 51 19 00-0225	EA 8" Diameter, 1,500 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR815).....	178.74	50.28
	For >50 To 100, Deduct	-6.35	
	For >100 To 250, Deduct	-10.82	
	For >250 To 500, Deduct	-17.87	
	For >500, Deduct	-24.93	
26 51 19 00-0226	EA 8" Diameter, 2,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR820).....	183.43	50.28
	For >50 To 100, Deduct	-6.47	
	For >100 To 250, Deduct	-11.06	
	For >250 To 500, Deduct	-18.34	
	For >500, Deduct	-25.63	
26 51 19 00-0227	EA 8" Diameter, 3,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR830).....	197.51	50.28
	For >50 To 100, Deduct	-6.82	
	For >100 To 250, Deduct	-11.76	
	For >250 To 500, Deduct	-19.75	
	For >500, Deduct	-27.74	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 51 19 00-0228	EA		8" Diameter, 5,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR850)	216.30	50.28
			<i>For >50 To 100, Deduct</i>	-7.29	
			<i>For >100 To 250, Deduct</i>	-12.70	
			<i>For >250 To 500, Deduct</i>	-21.63	
			<i>For >500, Deduct</i>	-30.56	
26 51 19 00-0229			Recessed LED Downlight Retrofits And Trim (CREE®) <small>(26 51 19 00-0107)</small>		
26 51 19 00-0230			Recessed LED Downlight Retrofits (CREE®) <small>(26 51 19 00-0229)</small>		
			Note: Dimmable to 5%. For installation in standard recessed IC or non-IC housings. Includes removal of existing lamp from fixture. Excludes housing and disposal of hazardous lamps.		
26 51 19 00-0231	EA		4" Diameter, 575 Lumens, Recessed LED Downlight Retrofit (Cree® CR4-575L)	100.27	
			<i>For >50 To 100, Deduct</i>	-3.22	
			<i>For >100 To 250, Deduct</i>	-5.73	
			<i>For >250 To 500, Deduct</i>	-10.03	
			<i>For >500, Deduct</i>	-14.33	
26 51 19 00-0232	EA		6" Diameter, 625 Lumens, Recessed LED Downlight Retrofit (Cree® CR6-625L)	88.64	
			<i>For >50 To 100, Deduct</i>	-2.93	
			<i>For >100 To 250, Deduct</i>	-5.15	
			<i>For >250 To 500, Deduct</i>	-8.86	
			<i>For >500, Deduct</i>	-12.58	
26 51 19 00-0233	EA		6" Diameter, 800 Lumens, Recessed LED Downlight Retrofit (Cree® CR6-800L)	111.90	
			<i>For >50 To 100, Deduct</i>	-3.51	
			<i>For >100 To 250, Deduct</i>	-6.31	
			<i>For >250 To 500, Deduct</i>	-11.19	
			<i>For >500, Deduct</i>	-16.07	
26 51 19 00-0234	EA		6" Diameter, 650 Lumens, Recessed LED Downlight Retrofit (Cree® LR6C-277)	125.45	
			<i>For >50 To 100, Deduct</i>	-3.85	
			<i>For >100 To 250, Deduct</i>	-6.99	
			<i>For >250 To 500, Deduct</i>	-12.55	
			<i>For >500, Deduct</i>	-18.10	
26 51 19 00-0235	EA		6" Diameter, 1,000 Lumens, Deep Recessed LED Downlight Retrofit (Cree® LR6-10L-XXX-120V-A-DR)	137.08	
			<i>For >50 To 100, Deduct</i>	-4.14	
			<i>For >100 To 250, Deduct</i>	-7.57	
			<i>For >250 To 500, Deduct</i>	-13.71	
			<i>For >500, Deduct</i>	-19.85	
26 51 19 00-0236			Recessed LED Downlight Retrofits Trim (CREE®) <small>(26 51 19 00-0229)</small>		
			Note: For installation in standard recessed IC or non-IC housings. Excludes housing and lamp.		
26 51 19 00-0237	EA		6" Diameter, Diffuse Anodized Finish Reflector For LED Downlight Retrofits (Cree® CT6AX)	36.51	8.00
			<i>For >50 To 100, Deduct</i>	-1.34	
			<i>For >100 To 250, Deduct</i>	-2.25	
			<i>For >250 To 500, Deduct</i>	-3.65	
			<i>For >500, Deduct</i>	-5.05	
26 51 19 00-0238	EA		6" Diameter, Diffuse Anodized Finish Reflector With Painted Flange For LED Downlight Retrofits (Cree® LT6AP)	44.27	8.00
			<i>For >50 To 100, Deduct</i>	-1.54	
			<i>For >100 To 250, Deduct</i>	-2.64	
			<i>For >250 To 500, Deduct</i>	-4.43	
			<i>For >500, Deduct</i>	-6.21	
26 51 19 00-0239	EA		6" Diameter, Flat Black Finish Trim And Reflector For LED Downlight Retrofits (Cree® CT6BB)	38.45	8.00
			<i>For >50 To 100, Deduct</i>	-1.39	
			<i>For >100 To 250, Deduct</i>	-2.35	
			<i>For >250 To 500, Deduct</i>	-3.85	
			<i>For >500, Deduct</i>	-5.34	
26 51 19 00-0240			Recessed LED Downlight Fixture Housings (CREE®) <small>(26 51 19 00-0229)</small>		
			Note: Excludes lamp and trim.		
26 51 19 00-0241	EA		6" Diameter, IC Rated, Architectural Recessed LED Downlight Fixture Housing (Cree® H6)	97.94	34.28
			<i>For >50 To 100, Deduct</i>	-3.73	
			<i>For >100 To 250, Deduct</i>	-6.18	
			<i>For >250 To 500, Deduct</i>	-9.79	
			<i>For >500, Deduct</i>	-13.41	
26 51 19 00-0242	EA		6" Diameter, IC Rated, Retrofit Recessed LED Downlight Fixture Housing (Cree® RR6)	70.79	34.28
			<i>For >50 To 100, Deduct</i>	-3.06	
			<i>For >100 To 250, Deduct</i>	-4.83	
			<i>For >250 To 500, Deduct</i>	-7.08	
			<i>For >500, Deduct</i>	-9.33	
26 51 19 00-0243			Can Retrofit Or Surface Mount, LED Downlights <small>(26 51 19 00-0107)</small>		
26 51 19 00-0244	EA		6" Diameter, 15 Watt, Can Retrofit Or Surface Mount, LED Downlight (Lighting Science® GLP6)	93.37	31.31
			<i>For >50 To 100, Deduct</i>	-3.51	
			<i>For >100 To 250, Deduct</i>	-5.84	
			<i>For >250 To 500, Deduct</i>	-9.34	
			<i>For >500, Deduct</i>	-12.83	
26 51 19 00-0245	EA		4" Diameter, 7 Watt, Can Retrofit, LED Downlight (Green Creative0 1-811-D)	75.34	31.31
			<i>For >50 To 100, Deduct</i>	-3.06	
			<i>For >100 To 250, Deduct</i>	-4.94	
			<i>For >250 To 500, Deduct</i>	-7.53	
			<i>For >500, Deduct</i>	-10.13	
26 51 19 00-0246	EA		6" Diameter, 9.5 Watt, Can Retrofit, LED Downlight (Green Creative0 1-808-D)	75.34	31.31
			<i>For >50 To 100, Deduct</i>	-3.06	
			<i>For >100 To 250, Deduct</i>	-4.94	
			<i>For >250 To 500, Deduct</i>	-7.53	
			<i>For >500, Deduct</i>	-10.13	

26 Electrical**26 50 Lighting****26 51 Interior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0247	EA		6" Diameter, 8.9 Watt, Can Retrofit, LED Downlight (Lithonia 6BP) <i>For Recessed IC/Non-IC Rated Housing For New Construction, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	131.20 47.55 -4.45 -7.73 -13.12 -18.51	31.31
26 51 19 00-0248	EA		4" Diameter, 8 Watt, 600 Lumens, Retrofit LED Downlight (Sylvania LED/RT4/550/840) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	64.64 -2.79 -4.41 -6.46 -8.52	31.31
26 51 19 00-0249	EA		5" Diameter, 10 Watt, 700 Lumens, Retrofit LED Downlight (Sylvania LED/RT5/6/625/840) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	71.73 -2.97 -4.76 -7.17 -9.59	31.31
26 51 19 00-0250	EA		6" Diameter, 800 Lumens, 10 Watt, Retrofit LED Wallwash Downlight (Indy Lighting LRT6-08LM) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	878.87 -23.15 -45.12 -87.89 -130.66	31.31
26 51 19 00-0251			Wall Mount LED Cylinder Downlight <small>(26 51 19 00-0001)</small>		
26 51 19 00-0252	EA		9" Diameter, 2,200 Lumens, Wall Mount LED Cylinder Downlight With Semi-Specular Trim (Gotham® EVO® CLED9) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	405.14 -11.96 -22.08 -40.51 -58.94	48.64
26 51 19 00-0253			Wall Sconce And Wall Wash LED Fixtures <small>(26 51 19 00-0001)</small>		
26 51 19 00-0254			LED Wall Sconce Fixtures (Hudson Valley Lighting) <small>(26 51 19 00-0253)</small>		
26 51 19 00-0255	EA		2-1/2" Diameter x 15-1/2" High, Polished Nickel, LED Wall Sconce (Hudson Valley Lighting SHAW 1200-PN) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	503.11 -14.29 -26.87 -50.31 -73.75	45.71
26 51 19 00-0256			LED Wall Sconce Fixtures (Kichler) <small>(26 51 19 00-0253)</small>		
26 51 19 00-0257	EA		6" High x 11.75" Wide x 3.5" Deep, 900 Lumens, 15 Watt, White Acrylic Diffuser, Brushed Nickel, LED Wall Sconce (Kichler 10790NILED) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	278.97 -8.69 -15.66 -27.90 -40.13	45.71
26 51 19 00-0258			LED Wall Sconce Fixtures (Metalux) <small>(26 51 19 00-0253)</small>		
26 51 19 00-0259	EA		9.875" High x 7.125" Wide x 3.5" Deep, 9 Watt, White Acrylic Diffuser, Brushed Nickel, LED Wall Sconce (Metalux AFX VNTS071009L30ENBN) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	151.99 -5.51 -9.31 -15.20 -21.08	45.71
26 51 19 00-0260	EA		5" LED, Cape Sconce Wall Light, White (AFX CAPW050804L30ENWH) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	141.56 -5.25 -8.79 -14.16 -19.52	45.71
26 51 19 00-0261			Concealed Continuous LED Fixtures <small>(26 51 19 00-0001)</small>		
26 51 19 00-0262			Concealed Continuous LED Fixtures (Fraqtir™ S301) <small>(26 51 19 00-0261)</small>		
26 51 19 00-0263	LF		Fixed Surface Mount, Concealed Continuous LED Fixture With Remote Driver (Fraqtir™ S301) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	690.59 -17.53 -34.79 -69.06 -103.33	5.22
26 51 19 00-0264	LF		Fixed Surface Mount, Concealed Continuous LED Fixture With Remote Dimming Driver (Fraqtir™ S301) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	787.43 -19.95 -39.63 -78.74 -117.85	5.22
26 51 19 00-0265			Low Bay LED Fixtures <small>(26 51 19 00-0001)</small>		
26 51 19 00-0266			LED Linear Low Bay Fixtures (PlanLED) <small>(26 51 19 00-0265)</small>		
26 51 19 00-0267	EA		4' Length, 23 Watt, LED Linear Low Bay Fixture (PlanLED A1W4) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	349.55 -11.35 -20.09 -34.96 -49.82	62.63

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0268	EA	4'	Length, 42 Watt, LED Linear Low Bay Fixture (PlanLED A2W4A).....	476.21	62.63
			<i>For >50 To 100, Deduct</i>	-14.52	
			<i>For >100 To 250, Deduct</i>	-26.42	
			<i>For >250 To 500, Deduct</i>	-47.62	
			<i>For >500, Deduct</i>	-68.82	
26 51 19 00-0269	EA	8'	Length, 84 Watt, LED Linear Low Bay Fixture (PlanLED A2W5A).....	794.45	78.29
			<i>For >50 To 100, Deduct</i>	-23.12	
			<i>For >100 To 250, Deduct</i>	-42.98	
			<i>For >250 To 500, Deduct</i>	-79.45	
			<i>For >500, Deduct</i>	-115.91	
26 51 19 00-0270			LED Low Bay Fixtures (CREE®) <small>(26 51 19 00-0265)</small>		
26 51 19 00-0271			LED Low Bay Fixtures (CREE® LS) <small>(26 51 19 00-0270)</small>		
			Note: Includes 120/277 voltage and 22 gauge steel housing assembly. Excludes sensors.		
26 51 19 00-0272	EA	2,500 Lumens, 4'	Length, LED Low Bay Fixture (Cree® LS4-25L-35K-10V)	297.10	62.63
			<i>For >50 To 100, Deduct</i>	-10.04	
			<i>For >100 To 250, Deduct</i>	-17.46	
			<i>For >250 To 500, Deduct</i>	-29.71	
			<i>For >500, Deduct</i>	-41.96	
26 51 19 00-0273	EA	2,500 Lumens, 4'	Length, LED Low Bay Fixture (Cree® LS4-25L-50K-10V)	316.87	62.63
			<i>For >50 To 100, Deduct</i>	-10.53	
			<i>For >100 To 250, Deduct</i>	-18.45	
			<i>For >250 To 500, Deduct</i>	-31.69	
			<i>For >500, Deduct</i>	-44.92	
26 51 19 00-0274	EA	4,000 Lumens, 4'	Length, LED Low Bay Fixture (Cree® LS4-40L-35K-10V)	305.34	62.63
			<i>For >50 To 100, Deduct</i>	-10.24	
			<i>For >100 To 250, Deduct</i>	-17.88	
			<i>For >250 To 500, Deduct</i>	-30.53	
			<i>For >500, Deduct</i>	-43.19	
26 51 19 00-0275	EA	4,000 Lumens, 4'	Length, LED Low Bay Fixture (Cree® LS4-40L-50K-10V)	325.11	62.63
			<i>For >50 To 100, Deduct</i>	-10.74	
			<i>For >100 To 250, Deduct</i>	-18.87	
			<i>For >250 To 500, Deduct</i>	-32.51	
			<i>For >500, Deduct</i>	-46.16	
26 51 19 00-0276	EA	5,000 Lumens, 4'	Length, LED Low Bay Fixture (Cree® LS4-50L-35K-10V)	339.93	62.63
			<i>For >50 To 100, Deduct</i>	-11.11	
			<i>For >100 To 250, Deduct</i>	-19.61	
			<i>For >250 To 500, Deduct</i>	-33.99	
			<i>For >500, Deduct</i>	-48.38	
26 51 19 00-0277	EA	5,000 Lumens, 4'	Length, LED Low Bay Fixture (Cree® LS4-50L-50K-10V)	359.70	62.63
			<i>For >50 To 100, Deduct</i>	-11.60	
			<i>For >100 To 250, Deduct</i>	-20.59	
			<i>For >250 To 500, Deduct</i>	-35.97	
			<i>For >500, Deduct</i>	-51.35	
26 51 19 00-0278	EA	8,000 Lumens, 8'	Length, LED Low Bay Fixture (Cree® LS8-80L-35K-10V)	476.38	78.29
			<i>For >50 To 100, Deduct</i>	-15.17	
			<i>For >100 To 250, Deduct</i>	-27.08	
			<i>For >250 To 500, Deduct</i>	-47.64	
			<i>For >500, Deduct</i>	-68.20	
26 51 19 00-0279	EA	8,000 Lumens, 8'	Length, LED Low Bay Fixture (Cree® LS8-80L-50K-10V)	512.62	78.29
			<i>For >50 To 100, Deduct</i>	-16.08	
			<i>For >100 To 250, Deduct</i>	-28.89	
			<i>For >250 To 500, Deduct</i>	-51.26	
			<i>For >500, Deduct</i>	-73.63	
26 51 19 00-0280	EA	10,000 Lumens, 8'	Length, LED Low Bay Fixture (Cree® LS8-100L-35K-10V)	588.38	78.29
			<i>For >50 To 100, Deduct</i>	-17.97	
			<i>For >100 To 250, Deduct</i>	-32.68	
			<i>For >250 To 500, Deduct</i>	-58.84	
			<i>For >500, Deduct</i>	-85.00	
26 51 19 00-0281	EA	10,000 Lumens, 8'	Length, LED Low Bay Fixture (Cree® LS8-100L-50K-10V)	608.15	78.29
			<i>For >50 To 100, Deduct</i>	-18.47	
			<i>For >100 To 250, Deduct</i>	-33.67	
			<i>For >250 To 500, Deduct</i>	-60.82	
			<i>For >500, Deduct</i>	-87.96	
26 51 19 00-0282			LED Low Bay Fixtures (CREE® LN) <small>(26 51 19 00-0270)</small>		
			Note: Includes 120/277 voltage and aluminum housing assembly. Excludes sensors.		
26 51 19 00-0283	EA	3,400 Lumens, 4'	Length, LED Low Bay Fixture (Cree® LN4-34L-35K-10V)	662.77	62.63
			<i>For >50 To 100, Deduct</i>	-19.18	
			<i>For >100 To 250, Deduct</i>	-35.75	
			<i>For >250 To 500, Deduct</i>	-66.28	
			<i>For >500, Deduct</i>	-96.81	
26 51 19 00-0284	EA	3,400 Lumens, 4'	Length, LED Low Bay Fixture, Smartcast Technology (Cree® LN4-34L-35K-CMA)	745.13	62.63
			<i>For >50 To 100, Deduct</i>	-21.24	
			<i>For >100 To 250, Deduct</i>	-39.87	
			<i>For >250 To 500, Deduct</i>	-74.51	
			<i>For >500, Deduct</i>	-109.16	
26 51 19 00-0285			LED Linear Low Bay Fixtures (CREE® CS) <small>(26 51 19 00-0270)</small>		
			Note: Includes 3,500 or 4,000K color temperature, 120/277 voltage and lightweight polymer housing assembly. Excludes sensors.		
26 51 19 00-0286	EA	4,000 Lumens, 4'	Length, LED Linear Low Bay Fixture (Cree® CS14™).....	643.54	62.63
			<i>For >50 To 100, Deduct</i>	-18.70	
			<i>For >100 To 250, Deduct</i>	-34.79	
			<i>For >250 To 500, Deduct</i>	-64.35	
			<i>For >500, Deduct</i>	-93.92	

26 Electrical**26 50 Lighting****26 51 Interior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0287	EA		7,500 Lumens, 8' Length, LED Linear Low Bay Fixture (Cree® CS18™).....	799.46	78.29
			<i>For >50 To 100, Deduct</i>	-23.25	
			<i>For >100 To 250, Deduct</i>	-43.24	
			<i>For >250 To 500, Deduct</i>	-79.95	
			<i>For >500, Deduct</i>	-116.66	
26 51 19 00-0288	EA		8,000 Lumens, 8' Length, LED Linear Low Bay Fixture (Cree® CS18™).....	1,014.56	78.29
			<i>For >50 To 100, Deduct</i>	-28.63	
			<i>For >100 To 250, Deduct</i>	-53.99	
			<i>For >250 To 500, Deduct</i>	-101.46	
			<i>For >500, Deduct</i>	-148.92	
26 51 19 00-0289			Accessories For LED Low Bay Fixtures (CREE®) (26 51 19 00-0270)		
26 51 19 00-0290	EA		Continuous Row Through Wiring Kit For 4' Fixtures (Cree® LS4TWK).....	57.69	17.17
			<i>For >50 To 100, Deduct</i>	-2.16	
			<i>For >100 To 250, Deduct</i>	-3.60	
			<i>For >250 To 500, Deduct</i>	-5.77	
			<i>For >500, Deduct</i>	-7.94	
26 51 19 00-0291	EA		Continuous Row Through Wiring Kit For 8' Fixtures (Cree® LS8TWK).....	63.51	17.17
			<i>For >50 To 100, Deduct</i>	-2.30	
			<i>For >100 To 250, Deduct</i>	-3.89	
			<i>For >250 To 500, Deduct</i>	-6.35	
			<i>For >500, Deduct</i>	-8.81	
26 51 19 00-0292	EA		Top Housing Aligner For Continuous Row Installations (Cree® LS-RJ).....	47.99	17.17
			<i>For >50 To 100, Deduct</i>	-1.92	
			<i>For >100 To 250, Deduct</i>	-3.12	
			<i>For >250 To 500, Deduct</i>	-4.80	
			<i>For >500, Deduct</i>	-6.48	
26 51 19 00-0293	EA		Reflector Joint Aligner For Continuous Row Installations (Cree® LS-RFLJ).....	38.31	17.17
			<i>For >50 To 100, Deduct</i>	-1.67	
			<i>For >100 To 250, Deduct</i>	-2.63	
			<i>For >250 To 500, Deduct</i>	-3.83	
			<i>For >500, Deduct</i>	-5.03	
26 51 19 00-0294	EA		Solid Reflector, Pair (Cree® LS4-SR).....	125.50	17.17
			<i>For >50 To 100, Deduct</i>	-3.85	
			<i>For >100 To 250, Deduct</i>	-6.99	
			<i>For >250 To 500, Deduct</i>	-12.55	
			<i>For >500, Deduct</i>	-18.11	
26 51 19 00-0295	EA		Solid Reflector, Pair (Cree® LS8-SR).....	173.96	17.17
			<i>For >50 To 100, Deduct</i>	-5.06	
			<i>For >100 To 250, Deduct</i>	-9.41	
			<i>For >250 To 500, Deduct</i>	-17.40	
			<i>For >500, Deduct</i>	-25.38	
26 51 19 00-0296	EA		5" Cable Canopy With #18/2 SJT Cord, 48" (Cree® AC5-18/2-48-Q14B-JB).....	63.51	17.17
			<i>For >50 To 100, Deduct</i>	-2.30	
			<i>For >100 To 250, Deduct</i>	-3.89	
			<i>For >250 To 500, Deduct</i>	-6.35	
			<i>For >500, Deduct</i>	-8.81	
26 51 19 00-0297	EA		5" Cable Canopy With #18/2 SJT Cord, 72" (Cree® AC5-18/2-72-Q14B-JB).....	90.63	17.17
			<i>For >50 To 100, Deduct</i>	-2.98	
			<i>For >100 To 250, Deduct</i>	-5.25	
			<i>For >250 To 500, Deduct</i>	-9.06	
			<i>For >500, Deduct</i>	-12.88	
26 51 19 00-0298	EA		5" Cable Canopy With #18/5 SJT Cord, 48" (Cree® AC5-18/5-48-Q14B-JB).....	71.25	17.17
			<i>For >50 To 100, Deduct</i>	-2.50	
			<i>For >100 To 250, Deduct</i>	-4.28	
			<i>For >250 To 500, Deduct</i>	-7.13	
			<i>For >500, Deduct</i>	-9.97	
26 51 19 00-0299	EA		5" Cable Canopy With #18/5 SJT Cord, 72" (Cree® AC5-18/5-72-Q14B-JB).....	96.45	17.17
			<i>For >50 To 100, Deduct</i>	-3.13	
			<i>For >100 To 250, Deduct</i>	-5.54	
			<i>For >250 To 500, Deduct</i>	-9.65	
			<i>For >500, Deduct</i>	-13.75	
26 51 19 00-0300	EA		5" Cable Canopy With #18/5 SJT Cord, 96" (Cree® AC5-18/5-96-Q14B-JB).....	102.26	17.17
			<i>For >50 To 100, Deduct</i>	-3.27	
			<i>For >100 To 250, Deduct</i>	-5.83	
			<i>For >250 To 500, Deduct</i>	-10.23	
			<i>For >500, Deduct</i>	-14.62	
26 51 19 00-0301	EA		5" Cable Canopy With #12/3 SJT Cord, 48" (Cree® AC5-12/3-48-Q14B-JB).....	86.75	17.17
			<i>For >50 To 100, Deduct</i>	-2.88	
			<i>For >100 To 250, Deduct</i>	-5.05	
			<i>For >250 To 500, Deduct</i>	-8.68	
			<i>For >500, Deduct</i>	-12.30	
26 51 19 00-0302	EA		5" Cable Canopy With #12/3 SJT Cord, 72" (Cree® AC5-12/3-72-Q14B-JB).....	131.32	17.17
			<i>For >50 To 100, Deduct</i>	-4.00	
			<i>For >100 To 250, Deduct</i>	-7.28	
			<i>For >250 To 500, Deduct</i>	-13.13	
			<i>For >500, Deduct</i>	-18.98	
26 51 19 00-0303	EA		Set Of End Caps, One With Power Feed, One Without (Cree® LN-EC).....	67.38	17.17
			<i>For >50 To 100, Deduct</i>	-2.40	
			<i>For >100 To 250, Deduct</i>	-4.08	
			<i>For >250 To 500, Deduct</i>	-6.74	
			<i>For >500, Deduct</i>	-9.39	
26 51 19 00-0304	EA		Canopy Kit With Aircraft Cable And Opening For Power Feed (Cree® LN-CK-5-AC).....	82.88	17.17
			<i>For >50 To 100, Deduct</i>	-2.79	
			<i>For >100 To 250, Deduct</i>	-4.86	
			<i>For >250 To 500, Deduct</i>	-8.29	
			<i>For >500, Deduct</i>	-11.72	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0305	EA		Canopy Kit With Aircraft Cable No Opening For Power Feed (Cree® LN-CK-0-AC).....	63.51	17.17
			For >50 To 100, Deduct	-2.30	
			For >100 To 250, Deduct	-3.89	
			For >250 To 500, Deduct	-6.35	
			For >500, Deduct	-8.81	
26 51 19 00-0306	EA		Emergency 125W Inverter, Ceiling Installed (Cree® ELI-125W)	1,273.75	41.75
			For >50 To 100, Deduct	-33.41	
			For >100 To 250, Deduct	-65.25	
			For >250 To 500, Deduct	-127.38	
			For >500, Deduct	-189.50	
26 51 19 00-0307	EA		120 Volt, Emergency Relay For Use With Generator Power (Cree® EL-SR-120).....	450.18	41.75
			For >50 To 100, Deduct	-12.82	
			For >100 To 250, Deduct	-24.07	
			For >250 To 500, Deduct	-45.02	
			For >500, Deduct	-65.96	
26 51 19 00-0308			LED Linear Low Bay Fixtures (Lithonia MSL) (26 51 19 00-0265)		
			Note: Includes 3,500K, 4,000K or 5,000K color temperature, 120/277 voltage and steel housing assembly. Excludes sensors.		
26 51 19 00-0309	EA		4,000 Lumens, 4' Length, LED Linear Low Bay Fixture (Lithonia MSL).....	936.33	62.63
			For >50 To 100, Deduct	-26.02	
			For >100 To 250, Deduct	-49.43	
			For >250 To 500, Deduct	-93.63	
			For >500, Deduct	-137.84	
26 51 19 00-0310			High Bay LED Fixtures (26 51 19 00-0001)		
26 51 19 00-0311			LED High Bay Fixtures (Columbia Lighting LWS) (26 51 19 00-0310)		
26 51 19 00-0312	EA		16" x 24", 7,909 Lumens, 58.8 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-LW-W-EU).....	476.46	114.83
			For >50 To 100, Deduct	-17.65	
			For >100 To 250, Deduct	-29.56	
			For >250 To 500, Deduct	-47.65	
			For >500, Deduct	-65.73	
26 51 19 00-0313	EA		16" x 24", 8,526 Lumens, 58.8 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-LW-W-EU).....	476.46	114.83
			For >50 To 100, Deduct	-17.65	
			For >100 To 250, Deduct	-29.56	
			For >250 To 500, Deduct	-47.65	
			For >500, Deduct	-65.73	
26 51 19 00-0314	EA		16" x 24", 11,812 Lumens, 82.9 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-ML-W-EU).....	535.70	114.83
			For >50 To 100, Deduct	-19.13	
			For >100 To 250, Deduct	-32.53	
			For >250 To 500, Deduct	-53.57	
			For >500, Deduct	-74.61	
26 51 19 00-0315	EA		16" x 24", 12,734 Lumens, 82.9 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-ML-W-EU).....	535.70	114.83
			For >50 To 100, Deduct	-19.13	
			For >100 To 250, Deduct	-32.53	
			For >250 To 500, Deduct	-53.57	
			For >500, Deduct	-74.61	
26 51 19 00-0316	EA		16" x 24", 14,813 Lumens, 112.5 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-HL-W-EU).....	634.42	114.83
			For >50 To 100, Deduct	-21.60	
			For >100 To 250, Deduct	-37.46	
			For >250 To 500, Deduct	-63.44	
			For >500, Deduct	-89.42	
26 51 19 00-0317	EA		16" x 24", 15,968 Lumens, 112.5 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-HL-W-EU).....	634.42	114.83
			For >50 To 100, Deduct	-21.60	
			For >100 To 250, Deduct	-37.46	
			For >250 To 500, Deduct	-63.44	
			For >500, Deduct	-89.42	
26 51 19 00-0318	EA		16" x 24", 18,714 Lumens, 137.1 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-VL-W-EU).....	673.90	114.83
			For >50 To 100, Deduct	-22.59	
			For >100 To 250, Deduct	-39.44	
			For >250 To 500, Deduct	-67.39	
			For >500, Deduct	-95.34	
26 51 19 00-0319	EA		16" x 24", 19,511 Lumens, 137.1 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-VL-W-EU).....	673.90	114.83
			For >50 To 100, Deduct	-22.59	
			For >100 To 250, Deduct	-39.44	
			For >250 To 500, Deduct	-67.39	
			For >500, Deduct	-95.34	
26 51 19 00-0320	EA		16" x 24", 22,994 Lumens, 174 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-XL-W-EU).....	703.52	114.83
			For >50 To 100, Deduct	-23.33	
			For >100 To 250, Deduct	-40.92	
			For >250 To 500, Deduct	-70.35	
			For >500, Deduct	-99.79	
26 51 19 00-0321	EA		16" x 24", 24,787 Lumens, 174 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-XL-W-EU).....	703.52	114.83
			For >50 To 100, Deduct	-23.33	
			For >100 To 250, Deduct	-40.92	
			For >250 To 500, Deduct	-70.35	
			For >500, Deduct	-99.79	
26 51 19 00-0322			LED High Bay Fixtures (Cree) (26 51 19 00-0310)		
26 51 19 00-0323			LED High Bay Fixtures (CREE®) (26 51 19 00-0322)		
26 51 19 00-0324	EA		18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UL-10V).....	788.04	114.83
			For >50 To 100, Deduct	-25.44	
			For >100 To 250, Deduct	-45.14	
			For >250 To 500, Deduct	-78.80	
			For >500, Deduct	-112.46	

26 Electrical

26 50 Lighting

26 51 Interior Lighting



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 51 19 00-0325	EA 18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UL-ML).....	946.64	114.83
	For >50 To 100, Deduct	-29.41	
	For >100 To 250, Deduct	-53.07	
	For >250 To 500, Deduct	-94.66	
	For >500, Deduct	-136.25	
26 51 19 00-0326	EA 18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UH-10V).....	869.14	114.83
	For >50 To 100, Deduct	-27.47	
	For >100 To 250, Deduct	-49.20	
	For >250 To 500, Deduct	-86.91	
	For >500, Deduct	-124.63	
26 51 19 00-0327	EA 18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UH-ML).....	995.10	114.83
	For >50 To 100, Deduct	-30.62	
	For >100 To 250, Deduct	-55.50	
	For >250 To 500, Deduct	-99.51	
	For >500, Deduct	-143.52	
26 51 19 00-0328	EA 24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UL-10V).....	816.04	114.83
	For >50 To 100, Deduct	-26.14	
	For >100 To 250, Deduct	-46.54	
	For >250 To 500, Deduct	-81.60	
	For >500, Deduct	-116.66	
26 51 19 00-0329	EA 24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UL-ML).....	975.71	114.83
	For >50 To 100, Deduct	-30.13	
	For >100 To 250, Deduct	-54.53	
	For >250 To 500, Deduct	-97.57	
	For >500, Deduct	-140.62	
26 51 19 00-0330	EA 24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UH-10V).....	898.20	114.83
	For >50 To 100, Deduct	-28.20	
	For >100 To 250, Deduct	-50.65	
	For >250 To 500, Deduct	-89.82	
	For >500, Deduct	-128.99	
26 51 19 00-0331	EA 24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UH-ML).....	1,024.16	114.83
	For >50 To 100, Deduct	-31.35	
	For >100 To 250, Deduct	-56.95	
	For >250 To 500, Deduct	-102.42	
	For >500, Deduct	-147.88	
26 51 19 00-0332	Accessories For LED High Bay Fixtures (CREE®) <small>(26 51 19 00-0322)</small>		
26 51 19 00-0333	EA 15 Amperes, 120 Volt, Straight Blade Plug For LED High Bay Fixtures (Cree® AP-515P).....	57.69	17.17
	For >50 To 100, Deduct	-2.16	
	For >100 To 250, Deduct	-3.60	
	For >250 To 500, Deduct	-5.77	
	For >500, Deduct	-7.94	
26 51 19 00-0334	EA 15 Amperes, 120 Volt, Twist Lock Plug For LED High Bay Fixtures (Cree® AP-L515P).....	57.69	17.17
	For >50 To 100, Deduct	-2.16	
	For >100 To 250, Deduct	-3.60	
	For >250 To 500, Deduct	-5.77	
	For >500, Deduct	-7.94	
26 51 19 00-0335	EA 16" Matte Spun Aluminum Reflector For LED High Bay Fixture (Cree® CXBA16N).....	77.06	17.17
	For >50 To 100, Deduct	-2.64	
	For >100 To 250, Deduct	-4.57	
	For >250 To 500, Deduct	-7.71	
	For >500, Deduct	-10.84	
26 51 19 00-0336	EA 16" Clear Acrylic Reflector For LED High Bay Fixture (Cree® CXBP16).....	115.82	17.17
	For >50 To 100, Deduct	-3.61	
	For >100 To 250, Deduct	-6.51	
	For >250 To 500, Deduct	-11.58	
	For >500, Deduct	-16.66	
26 51 19 00-0337	EA 16" White Acrylic Reflector For LED High Bay Fixture (Cree® CXBW16).....	135.21	17.17
	For >50 To 100, Deduct	-4.10	
	For >100 To 250, Deduct	-7.48	
	For >250 To 500, Deduct	-13.52	
	For >500, Deduct	-19.57	
26 51 19 00-0338	EA 16" Clear Prismatic Conical Lens For Prismatic And Acrylic Reflectors For LED High Bay Fixtures (Cree® CL16).....	77.06	17.17
	For >50 To 100, Deduct	-2.64	
	For >100 To 250, Deduct	-4.57	
	For >250 To 500, Deduct	-7.71	
	For >500, Deduct	-10.84	
26 51 19 00-0339	EA 16" Clear Prismatic Drop Lens For Prismatic And Acrylic Reflectors For LED High Bay Fixtures (Cree® DL16).....	79.01	17.17
	For >50 To 100, Deduct	-2.69	
	For >100 To 250, Deduct	-4.67	
	For >250 To 500, Deduct	-7.90	
	For >500, Deduct	-11.14	
26 51 19 00-0340	EA 16" Wire Guard For Aluminum Reflector For LED High Bay Fixtures (Cree® WG-A).....	57.69	17.17
	For >50 To 100, Deduct	-2.16	
	For >100 To 250, Deduct	-3.60	
	For >250 To 500, Deduct	-5.77	
	For >500, Deduct	-7.94	
26 51 19 00-0341	EA 16" Wire Guard For Prismatic And Acrylic Reflector For LED High Bay Fixtures (Cree® WG-AP).....	61.56	17.17
	For >50 To 100, Deduct	-2.25	
	For >100 To 250, Deduct	-3.79	
	For >250 To 500, Deduct	-6.16	
	For >500, Deduct	-8.52	
26 51 19 00-0342	EA 5' Galvanized Safety Cable For LED High Bay Fixtures (Cree® SC-5).....	40.25	17.17
	For >50 To 100, Deduct	-1.72	
	For >100 To 250, Deduct	-2.73	
	For >250 To 500, Deduct	-4.03	
	For >500, Deduct	-5.32	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0343	EA		10' Galvanized Safety Cable For LED High Bay Fixtures (Cree® SC-10)	42.19	17.17
			<i>For >50 To 100, Deduct</i>	-1.77	
			<i>For >100 To 250, Deduct</i>	-2.83	
			<i>For >250 To 500, Deduct</i>	-4.22	
			<i>For >500, Deduct</i>	-5.61	
26 51 19 00-0344			LED High Bay Fixtures (DLE) (26 51 19 00-0310)		
26 51 19 00-0345	EA		12,000 Lumens, 120 Watt, LED High Bay Fixture (DLE-12-ST/HV)	1,371.69	114.83
			<i>For >50 To 100, Deduct</i>	-40.03	
			<i>For >100 To 250, Deduct</i>	-74.33	
			<i>For >250 To 500, Deduct</i>	-137.17	
			<i>For >500, Deduct</i>	-200.01	
26 51 19 00-0346	EA		18,000 Lumens, 180 Watt, LED High Bay Fixture (DLE-18-ST/HV)	1,686.31	114.83
			<i>For >50 To 100, Deduct</i>	-47.90	
			<i>For >100 To 250, Deduct</i>	-90.06	
			<i>For >250 To 500, Deduct</i>	-168.63	
			<i>For >500, Deduct</i>	-247.21	
26 51 19 00-0347	EA		24,000 Lumens, 230 Watt, LED High Bay Fixture (DLE-24-ST/HV)	1,978.46	114.83
			<i>For >50 To 100, Deduct</i>	-55.20	
			<i>For >100 To 250, Deduct</i>	-104.66	
			<i>For >250 To 500, Deduct</i>	-197.85	
			<i>For >500, Deduct</i>	-291.03	
26 51 19 00-0348			LED High Bay Fixtures (Everlast) (26 51 19 00-0310)		
26 51 19 00-0349			LED High Bay Fixtures (Everlast EL-LED-LG) (26 51 19 00-0348)		
26 51 19 00-0350	EA		13,500 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AC)	924.27	114.83
			<i>For >50 To 100, Deduct</i>	-28.85	
			<i>For >100 To 250, Deduct</i>	-51.96	
			<i>For >250 To 500, Deduct</i>	-92.43	
			<i>For >500, Deduct</i>	-132.90	
26 51 19 00-0351	EA		13,500 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AO)	977.39	114.83
			<i>For >50 To 100, Deduct</i>	-30.18	
			<i>For >100 To 250, Deduct</i>	-54.61	
			<i>For >250 To 500, Deduct</i>	-97.74	
			<i>For >500, Deduct</i>	-140.87	
26 51 19 00-0352	EA		15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL16)	871.16	114.83
			<i>For >50 To 100, Deduct</i>	-27.52	
			<i>For >100 To 250, Deduct</i>	-49.30	
			<i>For >250 To 500, Deduct</i>	-87.12	
			<i>For >500, Deduct</i>	-124.93	
26 51 19 00-0353	EA		15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL22)	893.63	114.83
			<i>For >50 To 100, Deduct</i>	-28.08	
			<i>For >100 To 250, Deduct</i>	-50.42	
			<i>For >250 To 500, Deduct</i>	-89.36	
			<i>For >500, Deduct</i>	-128.30	
26 51 19 00-0354	EA		17,500 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AC)	1,016.21	114.83
			<i>For >50 To 100, Deduct</i>	-31.15	
			<i>For >100 To 250, Deduct</i>	-56.55	
			<i>For >250 To 500, Deduct</i>	-101.62	
			<i>For >500, Deduct</i>	-146.69	
26 51 19 00-0355	EA		17,500 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AO)	1,108.14	114.83
			<i>For >50 To 100, Deduct</i>	-33.45	
			<i>For >100 To 250, Deduct</i>	-61.15	
			<i>For >250 To 500, Deduct</i>	-110.81	
			<i>For >500, Deduct</i>	-160.48	
26 51 19 00-0356	EA		20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL16)	967.18	114.83
			<i>For >50 To 100, Deduct</i>	-29.92	
			<i>For >100 To 250, Deduct</i>	-54.10	
			<i>For >250 To 500, Deduct</i>	-96.72	
			<i>For >500, Deduct</i>	-139.34	
26 51 19 00-0357	EA		20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL22)	1,046.85	114.83
			<i>For >50 To 100, Deduct</i>	-31.91	
			<i>For >100 To 250, Deduct</i>	-58.08	
			<i>For >250 To 500, Deduct</i>	-104.69	
			<i>For >500, Deduct</i>	-151.29	
26 51 19 00-0358	EA		34,000 Lumens, 300 Watt, LED High Bay Fixture (Everlast EL-LED-LG-HW, AL30)	1,526.96	114.83
			<i>For >50 To 100, Deduct</i>	-43.92	
			<i>For >100 To 250, Deduct</i>	-82.09	
			<i>For >250 To 500, Deduct</i>	-152.70	
			<i>For >500, Deduct</i>	-223.30	
26 51 19 00-0359	EA		43,000 Lumens, 400 Watt, LED High Bay Fixture (Everlast EL-LED-LG-HW, AL30)	1,669.96	114.83
			<i>For >50 To 100, Deduct</i>	-47.49	
			<i>For >100 To 250, Deduct</i>	-89.24	
			<i>For >250 To 500, Deduct</i>	-167.00	
			<i>For >500, Deduct</i>	-244.75	
26 51 19 00-0360	EA		66,000 Lumens, 600 Watt, LED High Bay Fixture (Everlast EL-LED-LG-HW, AL30)	2,078.56	114.83
			<i>For >50 To 100, Deduct</i>	-57.71	
			<i>For >100 To 250, Deduct</i>	-109.67	
			<i>For >250 To 500, Deduct</i>	-207.86	
			<i>For >500, Deduct</i>	-306.04	
26 51 19 00-0361			LED High Bay Fixtures (Everlast EL-LED-CS) (26 51 19 00-0348)		

26 Electrical**26 50 Lighting****26 51 Interior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0362	EA		5,000 Lumens, 50 Watt, LED High Bay Fixture (Everlast EL-LED-CS).....	576.97	114.83
			<i>For >50 To 100, Deduct</i>	-20.17	
			<i>For >100 To 250, Deduct</i>	-34.59	
			<i>For >250 To 500, Deduct</i>	-57.70	
			<i>For >500, Deduct</i>	-80.80	
26 51 19 00-0363	EA		10,000 Lumens, 100 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	852.77	114.83
			<i>For >50 To 100, Deduct</i>	-27.06	
			<i>For >100 To 250, Deduct</i>	-48.38	
			<i>For >250 To 500, Deduct</i>	-85.28	
			<i>For >500, Deduct</i>	-122.17	
26 51 19 00-0364	EA		15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	975.35	114.83
			<i>For >50 To 100, Deduct</i>	-30.13	
			<i>For >100 To 250, Deduct</i>	-54.51	
			<i>For >250 To 500, Deduct</i>	-97.54	
			<i>For >500, Deduct</i>	-140.56	
26 51 19 00-0365	EA		20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	1,118.36	114.83
			<i>For >50 To 100, Deduct</i>	-33.70	
			<i>For >100 To 250, Deduct</i>	-61.66	
			<i>For >250 To 500, Deduct</i>	-111.84	
			<i>For >500, Deduct</i>	-162.01	
26 51 19 00-0366	EA		30,000 Lumens, 300 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	1,210.29	114.83
			<i>For >50 To 100, Deduct</i>	-36.00	
			<i>For >100 To 250, Deduct</i>	-66.26	
			<i>For >250 To 500, Deduct</i>	-121.03	
			<i>For >500, Deduct</i>	-175.80	
26 51 19 00-0367			LED High Bay Fixtures (Everlast EL-LED-HB-LG) <small>(26 51 19 00-0348)</small>		
26 51 19 00-0368	EA		10,000 Lumens, 100 Watt, LED High Bay Fixture (Everlast EL-LED-HB-LG).....	760.84	114.83
			<i>For >50 To 100, Deduct</i>	-24.76	
			<i>For >100 To 250, Deduct</i>	-43.78	
			<i>For >250 To 500, Deduct</i>	-76.08	
			<i>For >500, Deduct</i>	-108.38	
26 51 19 00-0369	EA		15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-HB-LG).....	811.91	114.83
			<i>For >50 To 100, Deduct</i>	-26.04	
			<i>For >100 To 250, Deduct</i>	-46.34	
			<i>For >250 To 500, Deduct</i>	-81.19	
			<i>For >500, Deduct</i>	-116.05	
26 51 19 00-0370	EA		20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-HB-LG).....	883.42	114.83
			<i>For >50 To 100, Deduct</i>	-27.83	
			<i>For >100 To 250, Deduct</i>	-49.91	
			<i>For >250 To 500, Deduct</i>	-88.34	
			<i>For >500, Deduct</i>	-126.77	
26 51 19 00-0371			LED High Bay Fixtures (Everlast EL-LED-LHB) <small>(26 51 19 00-0348)</small>		
26 51 19 00-0372	EA		13,000 Lumens, 100 Watt, LED High Bay Fixture (Everlast EL-LED-LHB).....	773.09	114.83
			<i>For >50 To 100, Deduct</i>	-25.07	
			<i>For >100 To 250, Deduct</i>	-44.40	
			<i>For >250 To 500, Deduct</i>	-77.31	
			<i>For >500, Deduct</i>	-110.22	
26 51 19 00-0373	EA		26,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LHB).....	954.92	114.83
			<i>For >50 To 100, Deduct</i>	-29.61	
			<i>For >100 To 250, Deduct</i>	-53.49	
			<i>For >250 To 500, Deduct</i>	-95.49	
			<i>For >500, Deduct</i>	-137.50	
26 51 19 00-0374	EA		39,000 Lumens, 300 Watt, LED High Bay Fixture (Everlast EL-LED-LHB).....	1,189.86	114.83
			<i>For >50 To 100, Deduct</i>	-35.49	
			<i>For >100 To 250, Deduct</i>	-65.23	
			<i>For >250 To 500, Deduct</i>	-118.99	
			<i>For >500, Deduct</i>	-172.74	
26 51 19 00-0375			LED High Bay Fixtures (Lithonia IBL) <small>(26 51 19 00-0310)</small>		
			Note: Includes aluminum alloy chassis.		
26 51 19 00-0376	EA		9,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 9L)	606.39	114.83
			<i>For >50 To 100, Deduct</i>	-20.90	
			<i>For >100 To 250, Deduct</i>	-36.06	
			<i>For >250 To 500, Deduct</i>	-60.64	
			<i>For >500, Deduct</i>	-85.22	
26 51 19 00-0377	EA		12,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 12L)	655.75	114.83
			<i>For >50 To 100, Deduct</i>	-22.14	
			<i>For >100 To 250, Deduct</i>	-38.53	
			<i>For >250 To 500, Deduct</i>	-65.58	
			<i>For >500, Deduct</i>	-92.62	
26 51 19 00-0378	EA		18,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 18L)	789.02	114.83
			<i>For >50 To 100, Deduct</i>	-25.47	
			<i>For >100 To 250, Deduct</i>	-45.19	
			<i>For >250 To 500, Deduct</i>	-78.90	
			<i>For >500, Deduct</i>	-112.61	
26 51 19 00-0379	EA		24,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 24L)	842.33	114.83
			<i>For >50 To 100, Deduct</i>	-26.80	
			<i>For >100 To 250, Deduct</i>	-47.86	
			<i>For >250 To 500, Deduct</i>	-84.23	
			<i>For >500, Deduct</i>	-120.61	
26 51 19 00-0380			LED High Bay Fixtures (Metalux SSLED) <small>(26 51 19 00-0310)</small>		

Electrical	26	26
Lighting	26 50	
Interior Lighting	26 51	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0381 EA 12,000 Lumens, 80 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-12-M-UNV-L840-CD1U)	703.71	114.83
For >50 To 100, Deduct	-23.33	
For >100 To 250, Deduct	-40.93	
For >250 To 500, Deduct	-70.37	
For >500, Deduct	-99.82	
26 51 19 00-0382 EA 15,000 Lumens, 100 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-15-M-UNV-L840-CD1U)	722.34	114.83
For >50 To 100, Deduct	-23.80	
For >100 To 250, Deduct	-41.86	
For >250 To 500, Deduct	-72.23	
For >500, Deduct	-102.61	
26 51 19 00-0383 EA 18,000 Lumens, 120 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-18-M-UNV-L840-CD1U)	729.84	114.83
For >50 To 100, Deduct	-23.99	
For >100 To 250, Deduct	-42.23	
For >250 To 500, Deduct	-72.98	
For >500, Deduct	-103.73	
26 51 19 00-0384 EA 24,000 Lumens, 160 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-24-M-UNV-L840-CD1U)	801.25	114.83
For >50 To 100, Deduct	-25.77	
For >100 To 250, Deduct	-45.80	
For >250 To 500, Deduct	-80.13	
For >500, Deduct	-114.45	
26 51 19 00-0385 EA 30,000 Lumens, 200 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-30-M-UNV-L840-CD1U)	884.43	114.83
For >50 To 100, Deduct	-27.65	
For >100 To 250, Deduct	-49.96	
For >250 To 500, Deduct	-88.44	
For >500, Deduct	-126.92	
26 51 19 00-0386 EA 36,000 Lumens, 240 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-36-M-UNV-L840-CD1U)	915.64	114.83
For >50 To 100, Deduct	-28.63	
For >100 To 250, Deduct	-51.52	
For >250 To 500, Deduct	-91.56	
For >500, Deduct	-131.60	
26 51 19 00-0387 LED High Bay Fixtures (PlanLED) (26 51 19 00-0310)		
26 51 19 00-0388 LED High Bay Fixtures (PlanLED LUNA) (26 51 19 00-0387)		
Note: Includes aluminum alloy chassis.		
26 51 19 00-0389 EA 7,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN70)	899.76	114.83
For >50 To 100, Deduct	-28.24	
For >100 To 250, Deduct	-50.73	
For >250 To 500, Deduct	-89.98	
For >500, Deduct	-129.22	
26 51 19 00-0390 EA 9,800 Lumens, LED High Bay Fixture (PlanLED LUNA LN98)	1,014.17	114.83
For >50 To 100, Deduct	-31.10	
For >100 To 250, Deduct	-56.45	
For >250 To 500, Deduct	-101.42	
For >500, Deduct	-146.38	
26 51 19 00-0391 EA 13,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN130)	1,179.65	114.83
For >50 To 100, Deduct	-35.23	
For >100 To 250, Deduct	-64.72	
For >250 To 500, Deduct	-117.97	
For >500, Deduct	-171.21	
26 51 19 00-0392 EA 16,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN160)	1,341.04	114.83
For >50 To 100, Deduct	-39.27	
For >100 To 250, Deduct	-72.79	
For >250 To 500, Deduct	-134.10	
For >500, Deduct	-195.41	
26 51 19 00-0393 LED High Bay Fixtures (PlanLED IBL) (26 51 19 00-0387)		
Note: Includes aluminum alloy chassis.		
26 51 19 00-0394 EA 13,650 Lumens, 130 Watt, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 130W)	981.48	114.83
For 480 Volt, Add	57.30	
For >50 To 100, Deduct	-30.28	
For >100 To 250, Deduct	-54.82	
For >250 To 500, Deduct	-98.15	
For >500, Deduct	-141.48	
26 51 19 00-0395 EA 21,000 Lumens, 200 Watt, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 200W)	1,379.86	114.83
For 480 Volt, Add	72.60	
For >50 To 100, Deduct	-40.24	
For >100 To 250, Deduct	-74.73	
For >250 To 500, Deduct	-137.99	
For >500, Deduct	-201.24	
26 51 19 00-0396 EA 42,000 Lumens, 400 Watt, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 400W)	2,476.94	114.83
For 480 Volt, Add	115.18	
For >50 To 100, Deduct	-67.67	
For >100 To 250, Deduct	-129.59	
For >250 To 500, Deduct	-247.69	
For >500, Deduct	-365.80	
26 51 19 00-0397 LED High Bay Fixtures (PlanLED SEGA) (26 51 19 00-0387)		
Note: Includes aluminum alloy chassis.		
26 51 19 00-0398 EA 10,400 Lumens, 80 Watt, LED High Bay Fixture (PlanLED SEGA SE080)	766.97	114.83
For 0 To 10 Volt Dimming, Add	88.26	
For >50 To 100, Deduct	-24.92	
For >100 To 250, Deduct	-44.09	
For >250 To 500, Deduct	-76.70	
For >500, Deduct	-109.30	

26 Electrical**26 50 Lighting****26 51 Interior Lighting**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 51 19 00-0399	EA	13,000 Lumens, 100 Watt, LED High Bay Fixture (PlanLED SEGA SE100)	822.13	114.83
		<i>For 0 To 10 Volt Dimming, Add</i>	88.26	
		<i>For >50 To 100, Deduct</i>	-26.29	
		<i>For >100 To 250, Deduct</i>	-46.85	
		<i>For >250 To 500, Deduct</i>	-82.21	
		<i>For >500, Deduct</i>	-117.58	
26 51 19 00-0400	EA	16,900 Lumens, 130 Watt, LED High Bay Fixture (PlanLED SEGA SE130)	1,012.12	114.83
		<i>For 0 To 10 Volt Dimming, Add</i>	88.26	
		<i>For >50 To 100, Deduct</i>	-31.04	
		<i>For >100 To 250, Deduct</i>	-56.35	
		<i>For >250 To 500, Deduct</i>	-101.21	
		<i>For >500, Deduct</i>	-146.08	
26 51 19 00-0401	EA	20,800 Lumens, 160 Watt, LED High Bay Fixture (PlanLED SEGA SE160)	1,149.00	114.83
		<i>For 0 To 10 Volt Dimming, Add</i>	88.26	
		<i>For >50 To 100, Deduct</i>	-34.47	
		<i>For >100 To 250, Deduct</i>	-63.19	
		<i>For >250 To 500, Deduct</i>	-114.90	
		<i>For >500, Deduct</i>	-166.61	
26 51 19 00-0402	EA	50,000 Lumens, 400 Watt, Array, LED High Bay Fixture (PlanLED SEGA SE400)	2,158.24	114.83
		<i>For >50 To 100, Deduct</i>	-59.70	
		<i>For >100 To 250, Deduct</i>	-113.65	
		<i>For >250 To 500, Deduct</i>	-215.82	
		<i>For >500, Deduct</i>	-317.99	
26 51 19 00-0403	EA	57,040 Lumens, 500 Watt, Array, LED High Bay Fixture (PlanLED SEGA SE500)	2,338.02	114.83
		<i>For >50 To 100, Deduct</i>	-64.19	
		<i>For >100 To 250, Deduct</i>	-122.64	
		<i>For >250 To 500, Deduct</i>	-233.80	
		<i>For >500, Deduct</i>	-344.96	
26 51 19 00-0404	EA	80,000 Lumens, 640 Watt, Array, LED High Bay Fixture (PlanLED SEGA SE640)	3,575.64	114.83
		<i>For >50 To 100, Deduct</i>	-95.13	
		<i>For >100 To 250, Deduct</i>	-184.52	
		<i>For >250 To 500, Deduct</i>	-357.56	
		<i>For >500, Deduct</i>	-530.60	

26 51 19 00-0405 Wet/Hazardous Location, LED Fixtures (26 51 19 00-0001)26 51 19 00-0406 Wet Location, LED Fixtures (26 51 19 00-0405)26 51 19 00-0407 Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM) (26 51 19 00-0406)

Note: Includes 5,600K CRI LED arrays, heat and impact resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 51 19 00-0408	EA	3,531 Lumens, 29 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM3L)	2,317.13	87.69
		<i>For Ceiling Mount, Add</i>	20.23	
		<i>For Quick Clip Mounting Option, Add</i>	29.74	
		<i>For Frosted Lens, Add</i>	63.95	
		<i>For Warm White Color Rendering, Add</i>	82.33	
		<i>For Stanchion Mount, Add</i>	137.98	
		<i>For Wall Mount, Add</i>	152.74	
		<i>For Polycarbonate Lens, Add</i>	118.54	
		<i>For Teflon Coated Lens, Add</i>	135.74	
		<i>For 480 Volt, Add</i>	193.91	
		<i>For >50 To 100, Deduct</i>	-61.58	
		<i>For >100 To 250, Deduct</i>	-119.51	
		<i>For >250 To 500, Deduct</i>	-231.71	
		<i>For >500, Deduct</i>	-343.92	
26 51 19 00-0409	EA	5,335 Lumens, 43 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM5L)	2,361.75	93.95
		<i>For Ceiling Mount, Add</i>	20.23	
		<i>For Quick Clip Mounting Option, Add</i>	29.74	
		<i>For Frosted Lens, Add</i>	63.95	
		<i>For Warm White Color Rendering, Add</i>	82.33	
		<i>For Stanchion Mount, Add</i>	137.98	
		<i>For Wall Mount, Add</i>	152.74	
		<i>For Polycarbonate Lens, Add</i>	118.54	
		<i>For Teflon Coated Lens, Add</i>	135.74	
		<i>For 480 Volt, Add</i>	193.91	
		<i>For >50 To 100, Deduct</i>	-62.96	
		<i>For >100 To 250, Deduct</i>	-122.00	
		<i>For >250 To 500, Deduct</i>	-236.18	
		<i>For >500, Deduct</i>	-350.35	
26 51 19 00-0410	EA	7,195 Lumens, 62 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM7L)	2,666.48	100.21
		<i>For Ceiling Mount, Add</i>	20.23	
		<i>For Quick Clip Mounting Option, Add</i>	29.74	
		<i>For Frosted Lens, Add</i>	63.95	
		<i>For Warm White Color Rendering, Add</i>	82.33	
		<i>For Stanchion Mount, Add</i>	137.98	
		<i>For Wall Mount, Add</i>	152.74	
		<i>For Polycarbonate Lens, Add</i>	118.54	
		<i>For Teflon Coated Lens, Add</i>	135.74	
		<i>For 480 Volt, Add</i>	193.91	
		<i>For >50 To 100, Deduct</i>	-70.84	
		<i>For >100 To 250, Deduct</i>	-137.50	
		<i>For >250 To 500, Deduct</i>	-266.65	
		<i>For >500, Deduct</i>	-395.80	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 51 19 00-0411	EA		9,266 Lumens, 85 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM9L).....	3,209.90	106.48
			<i>For Ceiling Mount, Add</i>	20.23	
			<i>For Quick Clip Mounting Option, Add</i>	29.74	
			<i>For Frosted Lens, Add</i>	63.95	
			<i>For Warm White Color Rendering, Add</i>	82.33	
			<i>For Stanchion Mount, Add</i>	137.98	
			<i>For Wall Mount, Add</i>	152.74	
			<i>For Polycarbonate Lens, Add</i>	118.54	
			<i>For Teflon Coated Lens, Add</i>	135.74	
			<i>For 480 Volt, Add</i>	193.91	
			<i>For >50 To 100, Deduct</i>	-84.68	
			<i>For >100 To 250, Deduct</i>	-164.93	
			<i>For >250 To 500, Deduct</i>	-320.99	
			<i>For >500, Deduct</i>	-477.05	
26 51 19 00-0412	EA		11,440 Lumens, 113 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM11L).....	4,094.31	112.74
			<i>For Ceiling Mount, Add</i>	20.23	
			<i>For Quick Clip Mounting Option, Add</i>	29.74	
			<i>For Frosted Lens, Add</i>	63.95	
			<i>For Warm White Color Rendering, Add</i>	82.33	
			<i>For Stanchion Mount, Add</i>	137.98	
			<i>For Wall Mount, Add</i>	152.74	
			<i>For Polycarbonate Lens, Add</i>	118.54	
			<i>For Teflon Coated Lens, Add</i>	135.74	
			<i>For 480 Volt, Add</i>	193.91	
			<i>For >50 To 100, Deduct</i>	-107.06	
			<i>For >100 To 250, Deduct</i>	-209.41	
			<i>For >250 To 500, Deduct</i>	-409.43	
			<i>For >500, Deduct</i>	-609.45	
26 51 19 00-0413	EA		13,226 Lumens, 131 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM11L).....	5,388.33	115.87
			<i>For Ceiling Mount, Add</i>	20.23	
			<i>For Quick Clip Mounting Option, Add</i>	29.74	
			<i>For Frosted Lens, Add</i>	63.95	
			<i>For Warm White Color Rendering, Add</i>	82.33	
			<i>For Stanchion Mount, Add</i>	137.98	
			<i>For Wall Mount, Add</i>	152.74	
			<i>For Polycarbonate Lens, Add</i>	118.54	
			<i>For Teflon Coated Lens, Add</i>	135.74	
			<i>For 480 Volt, Add</i>	193.91	
			<i>For >50 To 100, Deduct</i>	-139.54	
			<i>For >100 To 250, Deduct</i>	-274.24	
			<i>For >250 To 500, Deduct</i>	-538.83	
			<i>For >500, Deduct</i>	-803.42	
26 51 19 00-0414	EA		18,793 Lumens, 168 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM17L).....	6,241.06	119.00
			<i>For Ceiling Mount, Add</i>	20.23	
			<i>For Quick Clip Mounting Option, Add</i>	29.74	
			<i>For Frosted Lens, Add</i>	63.95	
			<i>For Warm White Color Rendering, Add</i>	82.33	
			<i>For Stanchion Mount, Add</i>	137.98	
			<i>For Wall Mount, Add</i>	152.74	
			<i>For Polycarbonate Lens, Add</i>	118.54	
			<i>For Teflon Coated Lens, Add</i>	135.74	
			<i>For 480 Volt, Add</i>	193.91	
			<i>For >50 To 100, Deduct</i>	-160.98	
			<i>For >100 To 250, Deduct</i>	-317.01	
			<i>For >250 To 500, Deduct</i>	-624.11	
			<i>For >500, Deduct</i>	-931.20	
26 51 19 00-0415			Wet Location, NEMA 4X, LED Floodlight (Cooper Champ® Pro PFM) <small>(26 51 19 00-0406)</small>		
			Note: Includes 5,600K CRI LED arrays, shatter resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 51 19 00-0416	EA		5,183 Lumens, 45 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM5L).....	2,087.72	93.95
			<i>For Bolt-On Visor, Add</i>	110.11	
			<i>For Bolt-On Wire Guard, Add</i>	226.48	
			<i>For 480 Volt, Add</i>	193.91	
			<i>For Warm White Color Rendering, Add</i>	82.33	
			<i>For >50 To 100, Deduct</i>	-56.11	
			<i>For >100 To 250, Deduct</i>	-108.30	
			<i>For >250 To 500, Deduct</i>	-208.77	
			<i>For >500, Deduct</i>	-309.24	
26 51 19 00-0417	EA		7,095 Lumens, 62 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM7L).....	3,081.69	100.21
			<i>For Bolt-On Visor, Add</i>	110.11	
			<i>For Bolt-On Wire Guard, Add</i>	226.48	
			<i>For 480 Volt, Add</i>	193.91	
			<i>For Warm White Color Rendering, Add</i>	82.33	
			<i>For >50 To 100, Deduct</i>	-81.22	
			<i>For >100 To 250, Deduct</i>	-158.26	
			<i>For >250 To 500, Deduct</i>	-308.17	
			<i>For >500, Deduct</i>	-458.08	

26 Electrical**26 50 Lighting****26 51 Interior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0418	EA		9,132 Lumens, 79 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM9L).....	3,397.82	106.48
			For Bolt-On Visor, Add	110.11	
			For Bolt-On Wire Guard, Add	226.48	
			For 480 Volt, Add	193.91	
			For Warm White Color Rendering, Add	82.33	
			For >50 To 100, Deduct	-89.38	
			For >100 To 250, Deduct	-174.33	
			For >250 To 500, Deduct	-339.78	
			For >500, Deduct	-505.24	
26 51 19 00-0419	EA		11,107 Lumens, 99 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM11L).....	3,901.26	112.74
			For Bolt-On Visor, Add	110.11	
			For Bolt-On Wire Guard, Add	226.48	
			For 480 Volt, Add	193.91	
			For Warm White Color Rendering, Add	82.33	
			For >50 To 100, Deduct	-102.23	
			For >100 To 250, Deduct	-199.76	
			For >250 To 500, Deduct	-390.13	
			For >500, Deduct	-580.49	
26 51 19 00-0420			Wet Location, NEMA 4X, Low Bay, LED Fixture (Cooper Vaporgard™ Pro P2L) <small>(26 51 19 00-0406)</small>		
			Note: Includes 5,600K CRI LED arrays, heat resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 51 19 00-0421	EA		1,400 Lumens, 25 Watt, Pendant Mount, Wet Location, NEMA 4X, Low Bay, LED Fixture (Cooper Vaporgard™ Pro P2LC).....	1,447.54	87.69
			For 12/24 Volt DC Driver, Add	31.30	
			For Frosted Lens, Add	63.95	
			For 55 Degree Ambient Suitability (AC Only), Add	42.61	
			For Warm White Color Rendering, Add	82.33	
			For Ceiling Mount, Add	97.23	
			For Wall Mount, Add	141.00	
			For Teflon Coated Lens, Add	135.74	
			For Wall Mount With Junction Box, Add	204.84	
			For >50 To 100, Deduct	-39.84	
			For >100 To 250, Deduct	-76.03	
			For >250 To 500, Deduct	-144.75	
			For >500, Deduct	-213.48	
26 51 19 00-0422			Vaportight, LED Fixtures <small>(26 51 19 00-0405)</small>		
26 51 19 00-0423			General Distribution, Vaportight, LED Fixtures (Metalux) <small>(26 51 19 00-0422)</small>		
26 51 19 00-0424	EA		2', 2,000 Lumens, 16 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-2-G-UNV-L850-CD1-U).....	331.93	50.11
			For >50 To 100, Deduct	-10.39	
			For >100 To 250, Deduct	-18.68	
			For >250 To 500, Deduct	-33.19	
			For >500, Deduct	-47.70	
26 51 19 00-0425	EA		2', 3,000 Lumens, 24 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-3-G-UNV-L850-CD1-U).....	346.90	50.11
			For >50 To 100, Deduct	-10.76	
			For >100 To 250, Deduct	-19.43	
			For >250 To 500, Deduct	-34.69	
			For >500, Deduct	-49.95	
26 51 19 00-0426	EA		2', 4,000 Lumens, 32 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-4-G-UNV-L850-CD1-U).....	376.87	50.11
			For >50 To 100, Deduct	-11.51	
			For >100 To 250, Deduct	-20.93	
			For >250 To 500, Deduct	-37.69	
			For >500, Deduct	-54.44	
26 51 19 00-0427	EA		4', 4,000 Lumens, 32 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-4-G-UNV-L850-CD1-U).....	332.19	62.63
			For >50 To 100, Deduct	-10.91	
			For >100 To 250, Deduct	-19.22	
			For >250 To 500, Deduct	-33.22	
			For >500, Deduct	-47.22	
26 51 19 00-0428	EA		4', 6,000 Lumens, 51 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-6-G-UNV-L850-CD1-U).....	375.16	62.63
			For >50 To 100, Deduct	-11.99	
			For >100 To 250, Deduct	-21.37	
			For >250 To 500, Deduct	-37.52	
			For >500, Deduct	-53.66	
26 51 19 00-0429	EA		4', 8,000 Lumens, 67 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-8-G-UNV-L850-CD1-U).....	532.57	62.63
			For >50 To 100, Deduct	-15.92	
			For >100 To 250, Deduct	-29.24	
			For >250 To 500, Deduct	-53.26	
			For >500, Deduct	-77.28	
26 51 19 00-0430			Wide Distribution, Vaportight, LED Fixtures (Metalux) <small>(26 51 19 00-0422)</small>		
26 51 19 00-0431	EA		2', 2,000 Lumens, 17 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-2-W-UNV-L850-CD1-U).....	361.89	50.11
			For >50 To 100, Deduct	-11.14	
			For >100 To 250, Deduct	-20.18	
			For >250 To 500, Deduct	-36.19	
			For >500, Deduct	-52.20	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 51 19 00-0432	EA	2'	3,000 Lumens, 25 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-3-W-UNV-L850-CD1-U)	376.87	50.11
			<i>For >50 To 100, Deduct</i>	-11.51	
			<i>For >100 To 250, Deduct</i>	-20.93	
			<i>For >250 To 500, Deduct</i>	-37.69	
			<i>For >500, Deduct</i>	-54.44	
26 51 19 00-0433	EA	2'	4,000 Lumens, 34 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-4-W-UNV-L850-CD1-U)	406.83	50.11
			<i>For >50 To 100, Deduct</i>	-12.26	
			<i>For >100 To 250, Deduct</i>	-22.43	
			<i>For >250 To 500, Deduct</i>	-40.68	
			<i>For >500, Deduct</i>	-58.94	
26 51 19 00-0434	EA	4'	4,000 Lumens, 31 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-4-W-UNV-L850-CD1-U)	472.66	62.63
			<i>For >50 To 100, Deduct</i>	-14.43	
			<i>For >100 To 250, Deduct</i>	-26.24	
			<i>For >250 To 500, Deduct</i>	-47.27	
			<i>For >500, Deduct</i>	-68.29	
26 51 19 00-0435	EA	4'	6,000 Lumens, 49 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-6-W-UNV-L850-CD1-U)	532.57	62.63
			<i>For >50 To 100, Deduct</i>	-15.92	
			<i>For >100 To 250, Deduct</i>	-29.24	
			<i>For >250 To 500, Deduct</i>	-53.26	
			<i>For >500, Deduct</i>	-77.28	
26 51 19 00-0436	EA	4'	8,000 Lumens, 70 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-8-W-UNV-L850-CD1-U)	592.50	62.63
			<i>For >50 To 100, Deduct</i>	-17.42	
			<i>For >100 To 250, Deduct</i>	-32.23	
			<i>For >250 To 500, Deduct</i>	-59.25	
			<i>For >500, Deduct</i>	-86.27	
26 51 19 00-0437 Parking Garage Distribution, Vaportight, LED Fixtures (Metalux) <small>(26 51 19 00-0422)</small>					
26 51 19 00-0438	EA	2'	2,000 Lumens, 17 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-2-P-UNV-L850-CD1-U)	361.89	50.11
			<i>For >50 To 100, Deduct</i>	-11.14	
			<i>For >100 To 250, Deduct</i>	-20.18	
			<i>For >250 To 500, Deduct</i>	-36.19	
			<i>For >500, Deduct</i>	-52.20	
26 51 19 00-0439	EA	2'	3,000 Lumens, 25 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-3-P-UNV-L850-CD1-U)	378.01	50.11
			<i>For >50 To 100, Deduct</i>	-11.54	
			<i>For >100 To 250, Deduct</i>	-20.99	
			<i>For >250 To 500, Deduct</i>	-37.80	
			<i>For >500, Deduct</i>	-54.61	
26 51 19 00-0440	EA	2'	4,000 Lumens, 34 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-4-P-UNV-L850-CD1-U)	406.83	50.11
			<i>For >50 To 100, Deduct</i>	-12.26	
			<i>For >100 To 250, Deduct</i>	-22.43	
			<i>For >250 To 500, Deduct</i>	-40.68	
			<i>For >500, Deduct</i>	-58.94	
26 51 19 00-0441	EA	4'	4,000 Lumens, 31 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-4-P-UNV-L850-CD1-U)	472.66	62.63
			<i>For >50 To 100, Deduct</i>	-14.43	
			<i>For >100 To 250, Deduct</i>	-26.24	
			<i>For >250 To 500, Deduct</i>	-47.27	
			<i>For >500, Deduct</i>	-68.29	
26 51 19 00-0442	EA	4'	6,000 Lumens, 49 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-6-P-UNV-L850-CD1-U)	532.57	62.63
			<i>For >50 To 100, Deduct</i>	-15.92	
			<i>For >100 To 250, Deduct</i>	-29.24	
			<i>For >250 To 500, Deduct</i>	-53.26	
			<i>For >500, Deduct</i>	-77.28	
26 51 19 00-0443	EA	4'	8,000 Lumens, 69 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-8-P-UNV-L850-CD1-U)	592.50	62.63
			<i>For >50 To 100, Deduct</i>	-17.42	
			<i>For >100 To 250, Deduct</i>	-32.23	
			<i>For >250 To 500, Deduct</i>	-59.25	
			<i>For >500, Deduct</i>	-86.27	
26 51 19 00-0444 Ceiling Mounted LED Fixtures <small>(26 51 19 00-0001)</small>					
26 51 19 00-0445 Ceiling Mounted, LED Drum Fixtures (Enertron) <small>(26 51 19 00-0444)</small>					
26 51 19 00-0446	EA	11"	Diameter, 530 Lumens, 7 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X611-30)	131.53	41.75
			<i>For >50 To 100, Deduct</i>	-4.85	
			<i>For >100 To 250, Deduct</i>	-8.14	
			<i>For >250 To 500, Deduct</i>	-13.15	
			<i>For >500, Deduct</i>	-18.16	
26 51 19 00-0447	EA	11"	Diameter, 1,060 Lumens, 10 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X611-30)	138.37	41.75
			<i>For >50 To 100, Deduct</i>	-5.03	
			<i>For >100 To 250, Deduct</i>	-8.48	
			<i>For >250 To 500, Deduct</i>	-13.84	
			<i>For >500, Deduct</i>	-19.19	
26 51 19 00-0448	EA	11"	Diameter, 1,590 Lumens, 14 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X611-30)	145.21	41.75
			<i>For >50 To 100, Deduct</i>	-5.20	
			<i>For >100 To 250, Deduct</i>	-8.83	
			<i>For >250 To 500, Deduct</i>	-14.52	
			<i>For >500, Deduct</i>	-20.22	

26 Electrical

26 50 Lighting

26 51 Interior Lighting

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 51 19 00-0449	EA 11" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X611-30)	152.05	41.75
	<i>For >50 To 100, Deduct</i>	-5.37	
	<i>For >100 To 250, Deduct</i>	-9.17	
	<i>For >250 To 500, Deduct</i>	-15.21	
	<i>For >500, Deduct</i>	-21.24	
26 51 19 00-0450	EA 14" Diameter, 530 Lumens, 7 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X614-30)	144.89	45.93
	<i>For >50 To 100, Deduct</i>	-5.34	
	<i>For >100 To 250, Deduct</i>	-8.97	
	<i>For >250 To 500, Deduct</i>	-14.49	
	<i>For >500, Deduct</i>	-20.01	
26 51 19 00-0451	EA 14" Diameter, 1,060 Lumens, 10 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X614-30)	151.73	45.93
	<i>For >50 To 100, Deduct</i>	-5.52	
	<i>For >100 To 250, Deduct</i>	-9.31	
	<i>For >250 To 500, Deduct</i>	-15.17	
	<i>For >500, Deduct</i>	-21.04	
26 51 19 00-0452	EA 14" Diameter, 1,590 Lumens, 14 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X614-30)	158.57	45.93
	<i>For >50 To 100, Deduct</i>	-5.69	
	<i>For >100 To 250, Deduct</i>	-9.65	
	<i>For >250 To 500, Deduct</i>	-15.86	
	<i>For >500, Deduct</i>	-22.06	
26 51 19 00-0453	EA 14" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X614-30)	165.41	45.93
	<i>For >50 To 100, Deduct</i>	-5.86	
	<i>For >100 To 250, Deduct</i>	-9.99	
	<i>For >250 To 500, Deduct</i>	-16.54	
	<i>For >500, Deduct</i>	-23.09	
26 51 19 00-0454	EA 14" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X614-30)	179.09	45.93
	<i>For >50 To 100, Deduct</i>	-6.20	
	<i>For >100 To 250, Deduct</i>	-10.68	
	<i>For >250 To 500, Deduct</i>	-17.91	
	<i>For >500, Deduct</i>	-25.14	
26 51 19 00-0455	EA 11" Diameter, 530 Lumens, 7 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X611-35)	131.53	41.75
	<i>For >50 To 100, Deduct</i>	-4.85	
	<i>For >100 To 250, Deduct</i>	-8.14	
	<i>For >250 To 500, Deduct</i>	-13.15	
	<i>For >500, Deduct</i>	-18.16	
26 51 19 00-0456	EA 11" Diameter, 1,060 Lumens, 10 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X611-35)	138.37	41.75
	<i>For >50 To 100, Deduct</i>	-5.03	
	<i>For >100 To 250, Deduct</i>	-8.48	
	<i>For >250 To 500, Deduct</i>	-13.84	
	<i>For >500, Deduct</i>	-19.19	
26 51 19 00-0457	EA 11" Diameter, 1,590 Lumens, 14 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED3X611-35)	145.21	41.75
	<i>For >50 To 100, Deduct</i>	-5.20	
	<i>For >100 To 250, Deduct</i>	-8.83	
	<i>For >250 To 500, Deduct</i>	-14.52	
	<i>For >500, Deduct</i>	-20.22	
26 51 19 00-0458	EA 11" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X611-35)	152.05	41.75
	<i>For >50 To 100, Deduct</i>	-5.37	
	<i>For >100 To 250, Deduct</i>	-9.17	
	<i>For >250 To 500, Deduct</i>	-15.21	
	<i>For >500, Deduct</i>	-21.24	
26 51 19 00-0459	EA 14" Diameter, 530 Lumens, 7 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X614-35)	144.89	45.93
	<i>For >50 To 100, Deduct</i>	-5.34	
	<i>For >100 To 250, Deduct</i>	-8.97	
	<i>For >250 To 500, Deduct</i>	-14.49	
	<i>For >500, Deduct</i>	-20.01	
26 51 19 00-0460	EA 14" Diameter, 1,060 Lumens, 10 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X614-35)	151.73	45.93
	<i>For >50 To 100, Deduct</i>	-5.52	
	<i>For >100 To 250, Deduct</i>	-9.31	
	<i>For >250 To 500, Deduct</i>	-15.17	
	<i>For >500, Deduct</i>	-21.04	
26 51 19 00-0461	EA 14" Diameter, 1,590 Lumens, 14 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED3X614-35)	158.57	45.93
	<i>For >50 To 100, Deduct</i>	-5.69	
	<i>For >100 To 250, Deduct</i>	-9.65	
	<i>For >250 To 500, Deduct</i>	-15.86	
	<i>For >500, Deduct</i>	-22.06	
26 51 19 00-0462	EA 14" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X614-35)	165.41	45.93
	<i>For >50 To 100, Deduct</i>	-5.86	
	<i>For >100 To 250, Deduct</i>	-9.99	
	<i>For >250 To 500, Deduct</i>	-16.54	
	<i>For >500, Deduct</i>	-23.09	
26 51 19 00-0463	EA 14" Diameter, 3,180 Lumens, 24 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED6X614-30)	179.09	45.93
	<i>For >50 To 100, Deduct</i>	-6.20	
	<i>For >100 To 250, Deduct</i>	-10.68	
	<i>For >250 To 500, Deduct</i>	-17.91	
	<i>For >500, Deduct</i>	-25.14	
26 51 19 00-0464	EA 11" Diameter, 550 Lumens, 7 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X611-40)	131.53	41.75
	<i>For >50 To 100, Deduct</i>	-4.85	
	<i>For >100 To 250, Deduct</i>	-8.14	
	<i>For >250 To 500, Deduct</i>	-13.15	
	<i>For >500, Deduct</i>	-18.16	
26 51 19 00-0465	EA 11" Diameter, 1,100 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X611-40)	138.37	41.75
	<i>For >50 To 100, Deduct</i>	-5.03	
	<i>For >100 To 250, Deduct</i>	-8.48	
	<i>For >250 To 500, Deduct</i>	-13.84	
	<i>For >500, Deduct</i>	-19.19	
26 51 19 00-0466	EA 11" Diameter, 1,650 Lumens, 14 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED3X611-40)	145.21	41.75
	<i>For >50 To 100, Deduct</i>	-5.20	
	<i>For >100 To 250, Deduct</i>	-8.83	
	<i>For >250 To 500, Deduct</i>	-14.52	
	<i>For >500, Deduct</i>	-20.22	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0467	EA		11" Diameter, 2,200 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X611-40)	152.05	41.75
			<i>For >50 To 100, Deduct</i>	-5.37	
			<i>For >100 To 250, Deduct</i>	-9.17	
			<i>For >250 To 500, Deduct</i>	-15.21	
			<i>For >500, Deduct</i>	-21.24	
26 51 19 00-0468	EA		14" Diameter, 550 Lumens, 7 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X614-40)	144.89	45.93
			<i>For >50 To 100, Deduct</i>	-5.34	
			<i>For >100 To 250, Deduct</i>	-8.97	
			<i>For >250 To 500, Deduct</i>	-14.49	
			<i>For >500, Deduct</i>	-20.01	
26 51 19 00-0469	EA		14" Diameter, 1,100 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X614-40)	151.73	45.93
			<i>For >50 To 100, Deduct</i>	-5.52	
			<i>For >100 To 250, Deduct</i>	-9.31	
			<i>For >250 To 500, Deduct</i>	-15.17	
			<i>For >500, Deduct</i>	-21.04	
26 51 19 00-0470	EA		14" Diameter, 1,650 Lumens, 14 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED3X614-40)	158.57	45.93
			<i>For >50 To 100, Deduct</i>	-5.69	
			<i>For >100 To 250, Deduct</i>	-9.65	
			<i>For >250 To 500, Deduct</i>	-15.86	
			<i>For >500, Deduct</i>	-22.06	
26 51 19 00-0471	EA		14" Diameter, 2,200 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X614-40)	165.41	45.93
			<i>For >50 To 100, Deduct</i>	-5.86	
			<i>For >100 To 250, Deduct</i>	-9.99	
			<i>For >250 To 500, Deduct</i>	-16.54	
			<i>For >500, Deduct</i>	-23.09	
26 51 19 00-0472	EA		14" Diameter, 3,300 Lumens, 24 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED6X614-40)	179.09	45.93
			<i>For >50 To 100, Deduct</i>	-6.20	
			<i>For >100 To 250, Deduct</i>	-10.68	
			<i>For >250 To 500, Deduct</i>	-17.91	
			<i>For >500, Deduct</i>	-25.14	
26 51 19 00-0473	EA		11" Diameter, 560 Lumens, 7 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED1X611-50)	131.53	41.75
			<i>For >50 To 100, Deduct</i>	-4.85	
			<i>For >100 To 250, Deduct</i>	-8.14	
			<i>For >250 To 500, Deduct</i>	-13.15	
			<i>For >500, Deduct</i>	-18.16	
26 51 19 00-0474	EA		11" Diameter, 1,120 Lumens, 10 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED2X611-50)	138.37	41.75
			<i>For >50 To 100, Deduct</i>	-5.03	
			<i>For >100 To 250, Deduct</i>	-8.48	
			<i>For >250 To 500, Deduct</i>	-13.84	
			<i>For >500, Deduct</i>	-19.19	
26 51 19 00-0475	EA		11" Diameter, 1,680 Lumens, 14 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED3X611-50)	145.21	41.75
			<i>For >50 To 100, Deduct</i>	-5.20	
			<i>For >100 To 250, Deduct</i>	-8.83	
			<i>For >250 To 500, Deduct</i>	-14.52	
			<i>For >500, Deduct</i>	-20.22	
26 51 19 00-0476	EA		11" Diameter, 2,240 Lumens, 17 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED4X611-50)	152.05	41.75
			<i>For >50 To 100, Deduct</i>	-5.37	
			<i>For >100 To 250, Deduct</i>	-9.17	
			<i>For >250 To 500, Deduct</i>	-15.21	
			<i>For >500, Deduct</i>	-21.24	
26 51 19 00-0477	EA		14" Diameter, 560 Lumens, 7 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X614-40)	144.89	45.93
			<i>For >50 To 100, Deduct</i>	-5.34	
			<i>For >100 To 250, Deduct</i>	-8.97	
			<i>For >250 To 500, Deduct</i>	-14.49	
			<i>For >500, Deduct</i>	-20.01	
26 51 19 00-0478	EA		14" Diameter, 1,120 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X614-40)	151.73	45.93
			<i>For >50 To 100, Deduct</i>	-5.52	
			<i>For >100 To 250, Deduct</i>	-9.31	
			<i>For >250 To 500, Deduct</i>	-15.17	
			<i>For >500, Deduct</i>	-21.04	
26 51 19 00-0479	EA		14" Diameter, 1,680 Lumens, 14 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED3X614-40)	158.57	45.93
			<i>For >50 To 100, Deduct</i>	-5.69	
			<i>For >100 To 250, Deduct</i>	-9.65	
			<i>For >250 To 500, Deduct</i>	-15.86	
			<i>For >500, Deduct</i>	-22.06	
26 51 19 00-0480	EA		14" Diameter, 2,240 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X614-40)	165.41	45.93
			<i>For >50 To 100, Deduct</i>	-5.86	
			<i>For >100 To 250, Deduct</i>	-9.99	
			<i>For >250 To 500, Deduct</i>	-16.54	
			<i>For >500, Deduct</i>	-23.09	
26 51 19 00-0481	EA		14" Diameter, 3,360 Lumens, 24 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED6X614-40)	179.09	45.93
			<i>For >50 To 100, Deduct</i>	-6.20	
			<i>For >100 To 250, Deduct</i>	-10.68	
			<i>For >250 To 500, Deduct</i>	-17.91	
			<i>For >500, Deduct</i>	-25.14	
26 51 19 00-0482	EA		19" Diameter, 1,060 Lumens, 10 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X12S19-30)	184.04	49.58
			<i>For >50 To 100, Deduct</i>	-6.48	
			<i>For >100 To 250, Deduct</i>	-11.08	
			<i>For >250 To 500, Deduct</i>	-18.40	
			<i>For >500, Deduct</i>	-25.73	
26 51 19 00-0483	EA		19" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X619-30)	199.59	49.58
			<i>For >50 To 100, Deduct</i>	-6.87	
			<i>For >100 To 250, Deduct</i>	-11.86	
			<i>For >250 To 500, Deduct</i>	-19.96	
			<i>For >500, Deduct</i>	-28.06	
26 51 19 00-0484	EA		19" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X12S19-30)	195.79	49.58
			<i>For >50 To 100, Deduct</i>	-6.77	
			<i>For >100 To 250, Deduct</i>	-11.67	
			<i>For >250 To 500, Deduct</i>	-19.58	
			<i>For >500, Deduct</i>	-27.49	

26 Electrical

26 50 Lighting

26 51 Interior Lighting



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 51 19 00-0485	EA 19" Diameter, 1,910 Lumens, 18 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X12H19-30).....	195.73	49.58
	<i>For >50 To 100, Deduct</i>	-6.77	
	<i>For >100 To 250, Deduct</i>	-11.67	
	<i>For >250 To 500, Deduct</i>	-19.57	
	<i>For >500, Deduct</i>	-27.48	
26 51 19 00-0486	EA 19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30)	213.27	49.58
	<i>For >50 To 100, Deduct</i>	-7.21	
	<i>For >100 To 250, Deduct</i>	-12.54	
	<i>For >250 To 500, Deduct</i>	-21.33	
	<i>For >500, Deduct</i>	-30.11	
26 51 19 00-0487	EA 19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30).....	207.61	49.58
	<i>For >50 To 100, Deduct</i>	-7.07	
	<i>For >100 To 250, Deduct</i>	-12.26	
	<i>For >250 To 500, Deduct</i>	-20.76	
	<i>For >500, Deduct</i>	-29.26	
26 51 19 00-0488	EA 19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30)	231.30	49.58
	<i>For >50 To 100, Deduct</i>	-7.66	
	<i>For >100 To 250, Deduct</i>	-13.44	
	<i>For >250 To 500, Deduct</i>	-23.13	
	<i>For >500, Deduct</i>	-32.82	
26 51 19 00-0489	EA 19" Diameter, 3,820 Lumens, 32 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X12H19-30).....	223.59	49.58
	<i>For >50 To 100, Deduct</i>	-7.47	
	<i>For >100 To 250, Deduct</i>	-13.06	
	<i>For >250 To 500, Deduct</i>	-22.36	
	<i>For >500, Deduct</i>	-31.66	
26 51 19 00-0490	EA 19" Diameter, 4,240 Lumens, 32 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X12S19-30).....	223.65	49.58
	<i>For >50 To 100, Deduct</i>	-7.47	
	<i>For >100 To 250, Deduct</i>	-13.06	
	<i>For >250 To 500, Deduct</i>	-22.37	
	<i>For >500, Deduct</i>	-31.67	
26 51 19 00-0491	EA 19" Diameter, 1,060 Lumens, 10 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X12S19-35).....	184.04	49.58
	<i>For >50 To 100, Deduct</i>	-6.48	
	<i>For >100 To 250, Deduct</i>	-11.08	
	<i>For >250 To 500, Deduct</i>	-18.40	
	<i>For >500, Deduct</i>	-25.73	
26 51 19 00-0492	EA 19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X619-35)	199.59	49.58
	<i>For >50 To 100, Deduct</i>	-6.87	
	<i>For >100 To 250, Deduct</i>	-11.86	
	<i>For >250 To 500, Deduct</i>	-19.96	
	<i>For >500, Deduct</i>	-28.06	
26 51 19 00-0493	EA 19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35).....	195.79	49.58
	<i>For >50 To 100, Deduct</i>	-6.77	
	<i>For >100 To 250, Deduct</i>	-11.67	
	<i>For >250 To 500, Deduct</i>	-19.58	
	<i>For >500, Deduct</i>	-27.49	
26 51 19 00-0494	EA 19" Diameter, 1,910 Lumens, 18 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X12H19-35).....	195.73	49.58
	<i>For >50 To 100, Deduct</i>	-6.77	
	<i>For >100 To 250, Deduct</i>	-11.67	
	<i>For >250 To 500, Deduct</i>	-19.57	
	<i>For >500, Deduct</i>	-27.48	
26 51 19 00-0495	EA 19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30)	213.27	49.58
	<i>For >50 To 100, Deduct</i>	-7.21	
	<i>For >100 To 250, Deduct</i>	-12.54	
	<i>For >250 To 500, Deduct</i>	-21.33	
	<i>For >500, Deduct</i>	-30.11	
26 51 19 00-0496	EA 19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30).....	207.61	49.58
	<i>For >50 To 100, Deduct</i>	-7.07	
	<i>For >100 To 250, Deduct</i>	-12.26	
	<i>For >250 To 500, Deduct</i>	-20.76	
	<i>For >500, Deduct</i>	-29.26	
26 51 19 00-0497	EA 19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30)	231.30	49.58
	<i>For >50 To 100, Deduct</i>	-7.66	
	<i>For >100 To 250, Deduct</i>	-13.44	
	<i>For >250 To 500, Deduct</i>	-23.13	
	<i>For >500, Deduct</i>	-32.82	
26 51 19 00-0498	EA 19" Diameter, 3,820 Lumens, 32 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12H19-35).....	223.59	49.58
	<i>For >50 To 100, Deduct</i>	-7.47	
	<i>For >100 To 250, Deduct</i>	-13.06	
	<i>For >250 To 500, Deduct</i>	-22.36	
	<i>For >500, Deduct</i>	-31.66	
26 51 19 00-0499	EA 19" Diameter, 4,240 Lumens, 32 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X12S19-35).....	223.65	49.58
	<i>For >50 To 100, Deduct</i>	-7.47	
	<i>For >100 To 250, Deduct</i>	-13.06	
	<i>For >250 To 500, Deduct</i>	-22.37	
	<i>For >500, Deduct</i>	-31.67	
26 51 19 00-0500	EA 19" Diameter, 1,100 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12S19-40).....	184.04	49.58
	<i>For >50 To 100, Deduct</i>	-6.48	
	<i>For >100 To 250, Deduct</i>	-11.08	
	<i>For >250 To 500, Deduct</i>	-18.40	
	<i>For >500, Deduct</i>	-25.73	
26 51 19 00-0501	EA 19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35).....	199.59	49.58
	<i>For >50 To 100, Deduct</i>	-6.87	
	<i>For >100 To 250, Deduct</i>	-11.86	
	<i>For >250 To 500, Deduct</i>	-19.96	
	<i>For >500, Deduct</i>	-28.06	
26 51 19 00-0502	EA 19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35).....	195.79	49.58
	<i>For >50 To 100, Deduct</i>	-6.77	
	<i>For >100 To 250, Deduct</i>	-11.67	
	<i>For >250 To 500, Deduct</i>	-19.58	
	<i>For >500, Deduct</i>	-27.49	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0503	EA		19" Diameter, 2,000 Lumens, 18 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12H19-40).....	195.73	49.58
			<i>For >50 To 100, Deduct</i>	-6.77	
			<i>For >100 To 250, Deduct</i>	-11.67	
			<i>For >250 To 500, Deduct</i>	-19.57	
			<i>For >500, Deduct</i>	-27.48	
26 51 19 00-0504	EA		19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30)	213.27	49.58
			<i>For >50 To 100, Deduct</i>	-7.21	
			<i>For >100 To 250, Deduct</i>	-12.54	
			<i>For >250 To 500, Deduct</i>	-21.33	
			<i>For >500, Deduct</i>	-30.11	
26 51 19 00-0505	EA		19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30).....	207.61	49.58
			<i>For >50 To 100, Deduct</i>	-7.07	
			<i>For >100 To 250, Deduct</i>	-12.26	
			<i>For >250 To 500, Deduct</i>	-20.76	
			<i>For >500, Deduct</i>	-29.26	
26 51 19 00-0506	EA		19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30)	231.30	49.58
			<i>For >50 To 100, Deduct</i>	-7.66	
			<i>For >100 To 250, Deduct</i>	-13.44	
			<i>For >250 To 500, Deduct</i>	-23.13	
			<i>For >500, Deduct</i>	-32.82	
26 51 19 00-0507	EA		19" Diameter, 4,000 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X12H19-40).....	223.59	49.58
			<i>For >50 To 100, Deduct</i>	-7.47	
			<i>For >100 To 250, Deduct</i>	-13.06	
			<i>For >250 To 500, Deduct</i>	-22.36	
			<i>For >500, Deduct</i>	-31.66	
26 51 19 00-0508	EA		19" Diameter, 4,400 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X12S19-40).....	223.65	49.58
			<i>For >50 To 100, Deduct</i>	-7.47	
			<i>For >100 To 250, Deduct</i>	-13.06	
			<i>For >250 To 500, Deduct</i>	-22.37	
			<i>For >500, Deduct</i>	-31.67	
26 51 19 00-0509	EA		19" Diameter, 1,120 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12S19-50).....	184.04	49.58
			<i>For >50 To 100, Deduct</i>	-6.48	
			<i>For >100 To 250, Deduct</i>	-11.08	
			<i>For >250 To 500, Deduct</i>	-18.40	
			<i>For >500, Deduct</i>	-25.73	
26 51 19 00-0510	EA		19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35).....	199.59	49.58
			<i>For >50 To 100, Deduct</i>	-6.87	
			<i>For >100 To 250, Deduct</i>	-11.86	
			<i>For >250 To 500, Deduct</i>	-19.96	
			<i>For >500, Deduct</i>	-28.06	
26 51 19 00-0511	EA		19" Diameter, 2,240 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X12S19-50).....	195.79	49.58
			<i>For >50 To 100, Deduct</i>	-6.77	
			<i>For >100 To 250, Deduct</i>	-11.67	
			<i>For >250 To 500, Deduct</i>	-19.58	
			<i>For >500, Deduct</i>	-27.49	
26 51 19 00-0512	EA		19" Diameter, 2,010 Lumens, 18 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12H19-50).....	195.73	49.58
			<i>For >50 To 100, Deduct</i>	-6.77	
			<i>For >100 To 250, Deduct</i>	-11.67	
			<i>For >250 To 500, Deduct</i>	-19.57	
			<i>For >500, Deduct</i>	-27.48	
26 51 19 00-0513	EA		19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30)	213.27	49.58
			<i>For >50 To 100, Deduct</i>	-7.21	
			<i>For >100 To 250, Deduct</i>	-12.54	
			<i>For >250 To 500, Deduct</i>	-21.33	
			<i>For >500, Deduct</i>	-30.11	
26 51 19 00-0514	EA		19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30).....	207.61	49.58
			<i>For >50 To 100, Deduct</i>	-7.07	
			<i>For >100 To 250, Deduct</i>	-12.26	
			<i>For >250 To 500, Deduct</i>	-20.76	
			<i>For >500, Deduct</i>	-29.26	
26 51 19 00-0515	EA		19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30)	231.30	49.58
			<i>For >50 To 100, Deduct</i>	-7.66	
			<i>For >100 To 250, Deduct</i>	-13.44	
			<i>For >250 To 500, Deduct</i>	-23.13	
			<i>For >500, Deduct</i>	-32.82	
26 51 19 00-0516	EA		19" Diameter, 4,020 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X12H19-50).....	223.59	49.58
			<i>For >50 To 100, Deduct</i>	-7.47	
			<i>For >100 To 250, Deduct</i>	-13.06	
			<i>For >250 To 500, Deduct</i>	-22.36	
			<i>For >500, Deduct</i>	-31.66	
26 51 19 00-0517	EA		19" Diameter, 4,480 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X12S19-50).....	223.65	49.58
			<i>For >50 To 100, Deduct</i>	-7.47	
			<i>For >100 To 250, Deduct</i>	-13.06	
			<i>For >250 To 500, Deduct</i>	-22.37	
			<i>For >500, Deduct</i>	-31.67	
26 51 19 00-0518			Ceiling Mounted, LED Mushroom Fixtures (Mobern) <small>(26 51 19 00-0444)</small>		
26 51 19 00-0519	EA		14" Diameter, 800 Lumens, 12 Watt, LED Ceiling Fixture (Mobern 6814LED12MV30)	180.14	45.93
			<i>For >50 To 100, Deduct</i>	-6.23	
			<i>For >100 To 250, Deduct</i>	-10.73	
			<i>For >250 To 500, Deduct</i>	-18.01	
			<i>For >500, Deduct</i>	-25.30	
26 51 19 00-0520			Ceiling Mounted, LED Fixtures (Sylvania) <small>(26 51 19 00-0444)</small>		

26 Electrical

26 50 Lighting

26 51 Interior Lighting



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 51 19 00-0521	EA 12.5" x 12.5" x 2.32" Deep, 4,200 Lumens, 35 Watt, LED Garage Light Fixture (Sylvania GARAG1/035UNVD740/G5/SV/D)	674.84	49.58
	For >50 To 100, Deduct	-18.75	
	For >100 To 250, Deduct	-35.62	
	For >250 To 500, Deduct	-67.48	
	For >500, Deduct	-99.35	
26 51 19 00-0522	EA 2' x 2', 32 Watt, 120-277 Volt, 4000K CCT, LED, Grid Mount Edge-Lit Panel With Surface Mount Kit, White (Sylvania PANELF1A/032UNVD840/22G/WH + SMK1T1A/24A/WH)	258.89	41.75
	For >50 To 100, Deduct	-8.04	
	For >100 To 250, Deduct	-14.51	
	For >250 To 500, Deduct	-25.89	
	For >500, Deduct	-37.27	
26 51 19 00-0523	EA 2' x 4', 32 Watt, 120-277 Volt, 3500K CCT, LED, Grid Mount Edge-Lit Panel With Surface Mount Kit, White (Sylvania PANELF1A/032UNVD835/24G/WH + SMK1T1A/24A/WH)	322.41	48.64
	For >50 To 100, Deduct	-9.89	
	For >100 To 250, Deduct	-17.95	
	For >250 To 500, Deduct	-32.24	
	For >500, Deduct	-46.53	
26 51 19 00-0524	EA 2' x 4', 32 Watt, 120-277 Volt, 4000K CCT, LED, Grid Mount Edge-Lit Panel With Surface Mount Kit, White (Sylvania PANELF1A/032UNVD840/24G/WH + SMK1T1A/24A/WH)	326.21	48.64
	For >50 To 100, Deduct	-9.98	
	For >100 To 250, Deduct	-18.14	
	For >250 To 500, Deduct	-32.62	
	For >500, Deduct	-47.10	
26 51 19 00-0525	Refrigeration/Display LED Fixtures (26 51 19 00-0001)		
26 51 19 00-0526	Refrigeration/Display LED Fixtures (Lithonia) (26 51 19 00-0525) Note: Fixtures exclude driver.		
26 51 19 00-0527	EA 5' Length, Center Mount, Refrigeration/Display, Vertical LED Fixture (Lithonia FSV5 CM)	273.49	48.64
	For >50 To 100, Deduct	-8.66	
	For >100 To 250, Deduct	-15.50	
	For >250 To 500, Deduct	-27.35	
	For >500, Deduct	-39.20	
26 51 19 00-0528	EA 5' Length, Left And Right Mount (Pair), Refrigeration/Display, Vertical LED Fixture (Lithonia FSVDRVL RLEM DLC)	356.56	86.12
	For >50 To 100, Deduct	-12.18	
	For >100 To 250, Deduct	-21.09	
	For >250 To 500, Deduct	-35.66	
	For >500, Deduct	-50.22	
26 51 19 00-0529	EA Up To 5 Door Configuration, LED Driver For Refrigeration/Display, Vertical LED Fixtures (Lithonia FSVDRVL)	327.50	68.90
	For >50 To 100, Deduct	-10.80	
	For >100 To 250, Deduct	-18.98	
	For >250 To 500, Deduct	-32.75	
	For >500, Deduct	-46.52	
26 51 19 00-0530	Pendant Mount, LED Fixtures (26 51 19 00-0001)		
26 51 19 00-0531	Pendant Mount, Circular Architectural LED Fixtures (Delray Lighting) (26 51 19 00-0530)		
26 51 19 00-0532	EA 2,166 Lumens, 2' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC2 W W35 S)	2,483.90	106.48
	For >50 To 100, Deduct	-66.53	
	For >100 To 250, Deduct	-128.63	
	For >250 To 500, Deduct	-248.39	
	For >500, Deduct	-368.15	
26 51 19 00-0533	EA 3,250 Lumens, 3' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC3 W W35 S)	3,755.32	112.74
	For >50 To 100, Deduct	-98.58	
	For >100 To 250, Deduct	-192.46	
	For >250 To 500, Deduct	-375.53	
	For >500, Deduct	-558.60	
26 51 19 00-0534	EA 4,333 Lumens, 4' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC4 W W35 S)	4,797.98	119.00
	For >50 To 100, Deduct	-124.91	
	For >100 To 250, Deduct	-244.86	
	For >250 To 500, Deduct	-479.80	
	For >500, Deduct	-714.74	
26 51 19 00-0535	EA 5,416 Lumens, 5' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC5 W W35 S)	6,069.41	125.27
	For >50 To 100, Deduct	-156.95	
	For >100 To 250, Deduct	-308.69	
	For >250 To 500, Deduct	-606.94	
	For >500, Deduct	-905.19	
26 51 19 00-0536	EA 2,166 Lumens, 2' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC2 S W35 S)	2,635.14	106.48
	For >50 To 100, Deduct	-70.32	
	For >100 To 250, Deduct	-136.19	
	For >250 To 500, Deduct	-263.51	
	For >500, Deduct	-390.83	
26 51 19 00-0537	EA 3,250 Lumens, 3' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC3 S W35 S)	3,955.72	112.74
	For >50 To 100, Deduct	-103.59	
	For >100 To 250, Deduct	-202.48	
	For >250 To 500, Deduct	-395.57	
	For >500, Deduct	-588.66	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 51 19 00-0538	EA		4,333 Lumens, 4' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC4 S W35 S)	5,000.26	119.00
			For >50 To 100, Deduct	-129.96	
			For >100 To 250, Deduct	-254.97	
			For >250 To 500, Deduct	-500.03	
			For >500, Deduct	-745.08	
26 51 19 00-0539	EA		5,416 Lumens, 5' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC5 S W35 S)	6,296.27	125.27
			For >50 To 100, Deduct	-162.63	
			For >100 To 250, Deduct	-320.03	
			For >250 To 500, Deduct	-629.63	
			For >500, Deduct	-939.22	
26 51 19 00-0540			Pendant Mount, LED Commercial Fixtures (DMF) (26 51 19 00-0530)		
26 51 19 00-0541	EA		3,000 Lumens, 18-1/4" Diameter, Pendant Mount, LED Commercial Fixture (DMF DP610LED)	960.80	62.63
			For >50 To 100, Deduct	-26.63	
			For >100 To 250, Deduct	-50.65	
			For >250 To 500, Deduct	-96.08	
			For >500, Deduct	-141.51	
26 51 19 00-0542			LED Track Lighting Fixtures (26 51 19)		
26 51 19 00-0543	EA		19 Watt, Dimmable, LED Track Lighting Fixture (Juno® TRAC-MASTER® Cylindra™)	194.84	19.08
			For >50 To 100, Deduct	-5.59	
			For >100 To 250, Deduct	-10.46	
			For >250 To 500, Deduct	-19.48	
			For >500, Deduct	-28.51	
26 51 19 00-0544	EA		18 Watt, Dimmable, LED Track Lighting Fixture (HALO® Stasis L805MED)	339.64	19.08
			For >50 To 100, Deduct	-9.21	
			For >100 To 250, Deduct	-17.70	
			For >250 To 500, Deduct	-33.96	
			For >500, Deduct	-50.23	
26 51 19 00-0545	EA		24 Watt, Dimmable, LED Track Lighting Fixture (Amerlux CNTRV33)	200.34	19.08
			For >50 To 100, Deduct	-5.72	
			For >100 To 250, Deduct	-10.73	
			For >250 To 500, Deduct	-20.03	
			For >500, Deduct	-29.34	
26 51 23			HID Interior Lighting (26 51)		
26 51 23 00-0001			Large Interior Area Fixtures (26 51 23)		
26 51 23 00-0002			Recessed Mounted, Large Interior Area Fixtures (26 51 23 00-0001) Note: Cast aluminum socket housing, anodized aluminum reflector, tempered glass or acrylic lens, plaster mounting frames and brackets.		
26 51 23 00-0003			High Pressure Sodium, Recessed Mounted, Large Interior Area Fixtures (26 51 23 00-0002)		
26 51 23 00-0004	EA		150 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture	434.78	121.81
26 51 23 00-0005	EA		250 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture	452.92	129.34
26 51 23 00-0006	EA		400 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture	474.72	147.63
26 51 23 00-0007			Metal Halide, Recessed Mounted, Large Interior Area Fixtures (26 51 23 00-0002)		
26 51 23 00-0008	EA		150 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture	443.33	121.81
26 51 23 00-0009	EA		250 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture	456.48	129.34
26 51 23 00-0010	EA		400 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture	487.04	147.63
26 51 23 00-0011			Low Bay Fixtures, Large Interior Area Fixtures (26 51 23 00-0001) Note: Heavy duty steel housing, aluminum reflector, tempered glass or acrylic lens. Low bay fixtures are for mounting below 20-25 feet.		
26 51 23 00-0012			High Pressure Sodium, Low Bay Fixtures (26 51 23 00-0011)		
26 51 23 00-0013	EA		150 Watt High Pressure Sodium, Low Bay Fixture	431.38	111.28
26 51 23 00-0014	EA		250 Watt High Pressure Sodium, Low Bay Fixture	443.40	118.17
26 51 23 00-0015	EA		400 Watt High Pressure Sodium, Low Bay Fixture	469.98	134.87
26 51 23 00-0016			Metal Halide, Low Bay Fixtures (26 51 23 00-0011)		
26 51 23 00-0017	EA		175 Watt Metal Halide, Low Bay Fixture	426.40	111.28
26 51 23 00-0018	EA		250 Watt Metal Halide, Low Bay Fixture	437.66	118.17
26 51 23 00-0019	EA		400 Watt Metal Halide, Low Bay Fixture	474.65	134.87
26 51 23 00-0020			High Bay Fixtures, Large Interior Area Fixtures (26 51 23 00-0001) Note: High bay fixtures are for mounting above 20-25 feet. See CSI section 01 22 23 00-0001 for lifts.		
26 51 23 00-0021			High Pressure Sodium, High Bay Fixtures (26 51 23 00-0020) Note: Includes heavy duty steel housing and aluminum reflector. Excludes lens.		
26 51 23 00-0022	EA		250 Watt High Pressure Sodium, High Bay Fixture	397.58	118.17
26 51 23 00-0023	EA		400 Watt High Pressure Sodium, High Bay Fixture	428.99	134.87
26 51 23 00-0024	EA		1,000 Watt High Pressure Sodium, High Bay Fixture	628.50	141.86
26 51 23 00-0025			Metal Halide, High Bay Fixtures (26 51 23 00-0020) Note: Includes heavy duty steel housing and aluminum reflector. Excludes lens.		

26 Electrical**26 50 Lighting****26 51 Interior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 23 00-0026	EA		250 Watt Metal Halide, High Bay Fixture	370.31	118.17
26 51 23 00-0027	EA		400 Watt Metal Halide, High Bay Fixture	407.12	134.87
26 51 23 00-0028	EA		1,000 Watt Metal Halide, High Bay Fixture	531.03	141.86
26 51 23 00-0029			Induction, High Bay Fixtures (26 51 23 00-0029)		
26 51 23 00-0030			Induction, High Bay Fixtures (Everlast®) (26 51 23 00-0029) Note: Includes die cast aluminum ballast casing and acrylic lens.		
26 51 23 00-0031	EA		100 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	467.56	103.35
			For Impact Resistant Silicon Lens, Add	20.00	
26 51 23 00-0032	EA		120 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	501.42	106.79
			For Impact Resistant Silicon Lens, Add	20.00	
26 51 23 00-0033	EA		150 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	510.57	110.24
			For Impact Resistant Silicon Lens, Add	20.00	
26 51 23 00-0034	EA		200 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	556.27	113.68
			For Impact Resistant Silicon Lens, Add	20.00	
26 51 23 00-0035	EA		250 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	570.38	117.13
			For Impact Resistant Silicon Lens, Add	20.00	
26 51 23 00-0036	EA		100 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	502.11	103.35
			For Impact Resistant Silicon Lens, Add	20.00	
26 51 23 00-0037	EA		120 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	535.97	106.79
			For Impact Resistant Silicon Lens, Add	20.00	
26 51 23 00-0038	EA		150 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	545.13	110.24
			For Impact Resistant Silicon Lens, Add	20.00	
26 51 23 00-0039	EA		200 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	590.82	113.68
			For Impact Resistant Silicon Lens, Add	20.00	
26 51 23 00-0040	EA		250 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	604.93	117.13
			For Impact Resistant Silicon Lens, Add	20.00	
26 51 23 00-0041			Ceiling Mounted, Large Interior Area Fixtures (26 51 23 00-0001) Note: Heavy duty aluminum housing, aluminum reflector, acrylic drop dish lens, fully gasketed.		
26 51 23 00-0042			High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixtures (26 51 23 00-0041)		
26 51 23 00-0043	EA		100 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	336.82	79.19
26 51 23 00-0044	EA		150 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	643.68	79.19
26 51 23 00-0045	EA		250 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	740.13	79.19
26 51 23 00-0046	EA		400 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	991.17	79.19
26 51 23 00-0047			Metal Halide, Ceiling Mounted, Large Interior Area Fixtures (26 51 23 00-0041)		
26 51 23 00-0048	EA		100 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	301.70	79.19
26 51 23 00-0049	EA		175 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	317.52	87.87
26 51 23 00-0050	EA		250 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	337.73	95.18
26 51 23 00-0051	EA		400 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	378.11	113.35
26 51 23 00-0052			High Pressure Sodium, Recessed Fixture Housings (26 51 23)		
26 51 23 00-0053	EA		4" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	149.17	32.91
26 51 23 00-0054	EA		5" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	155.85	32.91
26 51 23 00-0055	EA		6" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	163.69	34.28
26 51 23 00-0056	EA		7" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	169.62	35.76
26 51 23 00-0057	EA		8" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	175.49	37.25
26 51 23 00-0058	EA		10" To 12" Square, High Pressure Sodium, T Or ICT Recessed Fixture Housing	180.69	39.53
26 51 23 00-0059			Metal Halide Track Lighting Fixtures (26 51 23)		
26 51 23 00-0060	EA		Metal Halide Track Lighting Fixture	97.04	19.08
26 51 23 00-0061			Metal Halide, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures (26 51 23)		
26 51 23 00-0062	EA		75 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	167.90	45.71
26 51 23 00-0063	EA		100 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	172.98	45.71
26 51 23 00-0064	EA		150 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	183.30	45.71
26 51 23 00-0065	EA		175 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	198.82	45.71
26 51 23 00-0066			High Pressure Sodium, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures (26 51 23)		
26 51 23 00-0067	EA		70 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	155.81	45.71
26 51 23 00-0068	EA		100 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	162.12	45.71
26 51 23 00-0069	EA		150 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	186.52	45.71
26 51 33 Interior Lighting Accessories (26 51)					
26 51 33 00-0001			Accessories And Modifiers For Fixtures (26 51 33)		
26 51 33 00-0002			Lens Modifications (26 51 33 00-0001)		
26 51 33 00-0003	EA		For 1' x 2' Drop Dish Diffuser Instead Of Prismatic Lens, Add	36.26	
26 51 33 00-0004	EA		For 1' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add	44.79	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 51 33 00-0005	EA		For 2' x 2' Drop Dish Diffuser Instead Of Prismatic Lens, Add.....	46.92	
26 51 33 00-0006	EA		For 2' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add.....	51.18	
26 51 33 00-0007	EA		For 4' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add.....	61.85	
26 51 33 00-0008	EA		For 1' x 2' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add.....	14.93	
26 51 33 00-0009	EA		For 1' x 4' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add.....	21.33	
26 51 33 00-0010	EA		For 2' x 2' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add.....	23.46	
26 51 33 00-0011	EA		For 2' x 4' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add.....	27.73	

26 51 33 00-0012 Pendant Mounting Modifications (26 51 33 00-0001)

Note: Per pendant. Use demolition cost for associated light fixture for demolition of pendant mounted light fixture assembly.

26 51 33 00-0013	EA		For Pendant Mounting Up to 1'-6" Long Section.....	16.21	
			Note: Per pendant.		
26 51 33 00-0014	EA		For Pendant Mounting 2' Long Section.....	18.77	
			Note: Per pendant.		
26 51 33 00-0015	EA		For Pendant Mounting 3' Long Section.....	24.01	
			Note: Per pendant.		
26 51 33 00-0016	EA		For Pendant Mounting 4' Long Section.....	28.36	
			Note: Per pendant.		
26 51 33 00-0017	EA		For Pendant Mounting 6' Long Section.....	35.83	
			Note: Per pendant.		
26 51 33 00-0018	EA		For Pendant Mounting 8' Long Section.....	48.63	
			Note: Per pendant.		

26 51 33 00-0019 Fluorescent Light Accessories (26 51 33 00-0001)

26 51 33 00-0020	EA		Blank Metal Light Box Plate.....	27.45	
26 51 33 00-0021	EA		Factory Installed Fixture Mounted Occupancy Sensor.....	164.20	

26 51 33 00-0022 Wire Guards (26 51 33 00-0001)

26 51 33 00-0023	EA		Wire Guard for 6" x 2' Fixture.....	68.46	5.72
26 51 33 00-0024	EA		Wire Guard for 6" x 4' Fixture.....	95.85	9.16
26 51 33 00-0025	EA		Wire Guard for 1" x 2' Fixture.....	76.44	6.30
26 51 33 00-0026	EA		Wire Guard for 1" x 4' Fixture.....	108.40	9.73
26 51 33 00-0027	EA		Wire Guard for 2" x 2' Fixture.....	93.56	6.87
26 51 33 00-0028	EA		Wire Guard for 2" x 4' Fixture.....	127.78	10.30

26 51 33 00-0029 Lighting Accessories (26 51 33)

26 51 33 00-0030 Modular Flexible Wiring Systems (26 51 33 00-0029)

26 51 33 00-0031	EA		10' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-10).....	98.35	6.17
26 51 33 00-0032	EA		15' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-15).....	117.03	6.17
26 51 33 00-0033	EA		20' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-20).....	141.84	6.17
26 51 33 00-0034	EA		15' Length, 2-Circuit, Modular Lighting Cable (Day-Brite LC-27-2E-15).....	117.03	6.17
26 51 33 00-0035	EA		3 Out, 3-Circuit, Modular Lighting Interface (Day-Brite LI-27-3E).....	95.91	6.17
26 51 33 00-0036	EA		13' Length, 2-Circuit, Modular Reddy-Connect Cable (Day-Brite RC-27-2D-13).....	145.86	6.17
26 51 33 00-0037	EA		3" Length, 2-Circuit, Modular Lighting Adapter (Day-Brite LA-27-7M).....	78.52	6.17
26 51 33 00-0038	EA		3" Length, 2-Circuit, Modular Lighting Tap (Day-Brite LT-27-2E).....	89.56	6.17
26 51 33 00-0039	EA		7' Length, Single Level, Modular Lighting Switch Unit (Day-Brite LS-27-SL-07).....	117.86	6.17
26 51 33 00-0040	EA		7' Length, 1-Circuit Multi-Level, Modular Lighting Switch Unit (Day-Brite LS-27-ML-07).....	117.86	6.17
26 51 33 00-0041	EA		7' Length, 2-Circuit Multi-Level, Modular Lighting Switch Unit (Day-Brite LS-27-2C-07).....	119.94	6.17
26 51 33 00-0042	EA		7' Length, 1st 3-Way, Modular Lighting Switch Unit (Day-Brite LS-27-3A-07).....	119.17	6.17
26 51 33 00-0043	EA		7' Length, 2nd 3-Way, Modular Lighting Switch Unit (Day-Brite LS-27-3B-07).....	119.17	6.17
26 51 33 00-0044	EA		15' Length, Single Level, Modular Lighting Switch Unit (Day-Brite LS-27-SL-15).....	137.77	6.17
26 51 33 00-0045	EA		3" Length, 2-Circuit, Modular Lighting Adapter (Day-Brite LA-27-4D).....	60.42	6.17
26 51 33 00-0046	EA		3" Length, 1-Circuit, Modular Lighting Distribution Cable (Day-Brite LD-27-1E).....	56.08	6.17
26 51 33 00-0047	EA		3" Length, 2-Circuit, Modular Lighting Distribution Cable (Day-Brite LD-27-2E).....	57.59	6.17
26 51 33 00-0048	EA		3" Length, 1-Circuit, Modular Lighting Tap (Day-Brite LT-27-1E).....	73.68	6.17
26 51 33 00-0049	EA		15' Length, 1-Circuit, Modular Lighting Tap (Day-Brite LT-27-1E-15).....	98.35	6.17
26 51 33 00-0050	EA		15' Length, 1-Circuit, Modular Lighting Cable (Day-Brite LC-27-1E-15).....	100.97	6.17
26 51 33 00-0051	EA		Modular Lighting Junction Or Circuit Splitter (Day-Brite LJ-27-3E).....	77.68	6.17
26 51 33 00-0052	EA		3" Length, 1-Circuit, Modular Power Distribution Cable (Day-Brite PD-12-1E).....	56.08	6.17
26 51 33 00-0053	EA		Removal And Reinstallation Of Modular Wiring Complete Including Storage And Cleaning.....	51.41	

26 51 33 00-0054 Additional Lighting Wire Whips (26 51 33)

26 51 33 00-0055	LF		For Each Additional LF Of Interior Lighting Wire Whip, Add.....	1.78	
			Note: Wire whips are included with interior lighting fixtures, where necessary, up to six feet in length. Use this task for additional required whip length. For example, if the fixture requires a 15' wire whip then use 9 LF of this task to reach required length.		

26 51 33 00-0056 Removal And Reinstallation Of Light Fixtures (26 51 33)

Note: Includes disconnection of wire, on-site storage, general cleaning, installation and electrical wire hook-up.

26 51 33 00-0057	EA		Removal And Reinstallation Of Lay-In Fluorescent Light Fixture.....	121.62	
26 51 33 00-0058	EA		Removal And Reinstallation Of Surface Mounted Or Pendant Light Fixture.....	138.98	

26 52 Safety Lighting (26 50)

26 52 13 Emergency and Exit Lighting (26 52)

26 52 13 13 Emergency Lighting (26 52 13)

26 Electrical**26 50 Lighting****26 52 Safety Lighting**
 MINOR
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 UNIT COST UNIT COST

26 52 13 13-001		Commercial Emergency Lights <small>(26 52 13 13)</small>		
26 52 13 13-002		Polycarbonate Housing, Commercial Emergency Lights <small>(26 52 13 13-0001)</small>		
		Note: Includes lead-calcium batteries and two adjustable lamp heads.		
26 52 13 13-0003	EA	3 Max Wattage At 90 Minutes, 3.6 Volt, Polycarbonate Housing, LED Lamps, Commercial Emergency Light (Lithonia ELM2 LED)	236.04	28.57
26 52 13 13-0004	EA	10.8 Max Wattage At 90 Minutes, 6 Volt, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM2)	160.85	28.57
		For Halogen Lamps, Add	27.55	
		For Self-Diagnostics, Add	87.50	
26 52 13 13-0005	EA	18 Max Wattage At 90 Minutes, 6 Volt, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM618)	259.25	28.57
		For Halogen Lamps, Add	27.55	
		For Self-Diagnostics, Add	87.50	
26 52 13 13-0006	EA	27 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM627)	303.81	28.57
		For Halogen Lamps, Add	27.55	
		For Self-Diagnostics, Add	87.50	
26 52 13 13-0007	EA	54 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM654)	456.90	28.57
		For Halogen Lamps, Add	27.55	
		For Self-Diagnostics, Add	87.50	
26 52 13 13-0008	EA	54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM1254)	519.05	28.57
		For Halogen Lamps, Add	27.55	
		For Self-Diagnostics, Add	87.50	
26 52 13 13-0009	EA	72 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM1272)	761.18	28.57
		For Halogen Lamps, Add	27.55	
		For Self-Diagnostics, Add	87.50	
26 52 13 13-0010		Remote Heads For Commercial Emergency Lights <small>(26 52 13 13-0001)</small>		
		Note: For use with fixtures that have remote capability.		
26 52 13 13-0011	EA	6 Watt, 6 Volt, Aluminum Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA MT H0606)	160.33	17.14
26 52 13 13-0012	EA	6 Watt, 6 Volt, Gasketed Fiberglass Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA NX H0606)	161.45	17.14
26 52 13 13-0013	EA	8 Watt, 8 Volt, Gasketed Fiberglass Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA NX H0806)	165.21	17.14
26 52 13 13-0014	EA	12 Watt, 12 Volt, Aluminum Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA MT H1212)	164.60	17.14
26 52 13 13-0015	EA	12 Watt, 12 Volt, Thermoplastic Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA H1212)	141.53	17.14
26 52 13 13-0016	EA	12 Watt, 12 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1206)	95.70	17.14
26 52 13 13-0017		Industrial Emergency Lights <small>(26 52 13 13)</small>		
26 52 13 13-0018		Painted Steel Housing, Industrial Emergency Lights <small>(26 52 13 13-0017)</small>		
26 52 13 13-0019		Painted Steel Housing, Industrial Emergency Lights <small>(26 52 13 13-0018)</small>		
		Note: Includes lead-calcium batteries and two adjustable lamp heads.		
26 52 13 13-0020	EA	16 Max Wattage At 90 Minutes, 6 Volt, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT16)	423.09	28.57
		For Wireguard, Add	220.18	
26 52 13 13-0021	EA	24 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT24)	353.56	28.57
		For Wireguard, Add	220.18	
26 52 13 13-0022	EA	36 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT36)	556.76	28.57
		For Wireguard, Add	220.18	
26 52 13 13-0023	EA	50 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT50)	591.84	28.57
		For Wireguard, Add	220.18	
26 52 13 13-0024	EA	125 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT125)	849.02	28.57
		For Wireguard, Add	234.52	
26 52 13 13-0025	EA	275 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT275)	1,341.03	28.57
		For Wireguard, Add	234.52	
26 52 13 13-0026		Remote Heads For Painted Steel Housing, Industrial Emergency Lights <small>(26 52 13 13-0018)</small>		
		Note: For use with fixtures that have remote capability.		
26 52 13 13-0027	EA	8 Watt, 6 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N0806)	122.11	17.14
		For Wireguard, Add	177.69	
26 52 13 13-0028	EA	12 Watt, 6 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1206)	126.48	17.14
		For Wireguard, Add	177.69	
26 52 13 13-0029	EA	8 Watt, 12 Volt, Thermoplastic Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA H0812)	122.72	17.14
		For Wireguard, Add	177.69	
26 52 13 13-0030	EA	12 Watt, 12 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1212)	123.43	17.14
		For Wireguard, Add	177.69	
26 52 13 13-0031	EA	12 Watt, 25 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N2512)	126.48	17.14
		For Wireguard, Add	177.69	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 52 13 13-0032	EA			12 Watt, 25 Volt, Aluminum Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA MT N2512).....	148.64	17.14
				<i>For Wireguard, Add</i>	177.69	
26 52 13 13-0033				Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights <small>(26 52 13 13-0017)</small>		
26 52 13 13-0034				Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights <small>(26 52 13 13-0033)</small>		
				Note: Includes lead-calcium batteries and two adjustable lamp heads.		
26 52 13 13-0035	EA			18 Max Wattage At 90 Minutes, 6 Volt, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND618)	417.50	28.57
				<i>For Wireguard, Add</i>	214.09	
				<i>For Self-Diagnostics, Add</i>	105.50	
26 52 13 13-0036	EA			36 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND1236).....	454.60	28.57
				<i>For Wireguard, Add</i>	214.09	
				<i>For Self-Diagnostics, Add</i>	105.50	
26 52 13 13-0037	EA			54 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND654).....	444.44	28.57
				<i>For Wireguard, Add</i>	214.09	
				<i>For Self-Diagnostics, Add</i>	105.50	
26 52 13 13-0038	EA			54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND1254).....	470.36	28.57
				<i>For Wireguard, Add</i>	214.09	
				<i>For Self-Diagnostics, Add</i>	105.50	
26 52 13 13-0039	EA			100 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND12100).....	798.70	28.57
				<i>For Wireguard, Add</i>	214.09	
				<i>For Self-Diagnostics, Add</i>	105.50	
26 52 13 13-0040	EA			18 Max Wattage At 90 Minutes, 6 Volt, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX618).....	625.38	28.57
				<i>For Wireguard, Add</i>	214.09	
				<i>For Self-Diagnostics, Add</i>	61.50	
26 52 13 13-0041	EA			36 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX1236).....	701.62	28.57
				<i>For Wireguard, Add</i>	214.09	
				<i>For Self-Diagnostics, Add</i>	61.50	
26 52 13 13-0042	EA			54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX1254).....	740.25	28.57
				<i>For Wireguard, Add</i>	214.09	
				<i>For Self-Diagnostics, Add</i>	61.50	
26 52 13 13-0043				Remote Heads For Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights <small>(26 52 13 13-0033)</small>		
				Note: For use with fixtures that have remote capability.		
26 52 13 13-0044	EA			9 Watt, 6 Volt, Heavyweight Polycarbonate Housing, Krypton Lamp, Emergency Light Remote Head (Lithonia ELA IND K0906).....	105.34	17.14
26 52 13 13-0045	EA			12 Watt, 6 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H1206).....	114.18	17.14
26 52 13 13-0046	EA			9 Watt, 12 Volt, Heavyweight Polycarbonate Housing, Krypton Lamp, Emergency Light Remote Head (Lithonia ELA IND K0912).....	105.44	17.14
26 52 13 13-0047	EA			12 Watt, 12 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H1212).....	111.94	17.14
26 52 13 13-0048	EA			12 Watt, 20 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H2012).....	95.23	17.14
26 52 13 13-0049				Outdoor Emergency Lights <small>(26 52 13 13)</small>		
26 52 13 13-0050				Gasketed Die-Cast Aluminum Housing, Outdoor Emergency Lights <small>(26 52 13 13-0049)</small>		
				Note: Includes nickel-cadmium batteries.		
26 52 13 13-0051	EA			10 Max Wattage At 90 Minutes, LED Lamps, Gasketed Aluminum Die-Cast Housing, Outdoor Emergency Light (Dual-Lite PG Series).....	662.49	28.57
26 52 13 13-0052	EA			10 Max Wattage At 90 Minutes, LED Lamps, Gasketed Aluminum Die-Cast Housing, Outdoor Emergency Light With Heater (Dual-Lite PG Series).....	792.10	28.57
26 52 13 13-0053				Recessed Emergency Lights <small>(26 52 13 13)</small>		
26 52 13 13-0054	EA			10 Watt At 90 Minutes, 6 Volt, Halogen Lamp, 8" Round, Recessed High-Hat Emergency Light (Lithonia ELRG).....	723.05	28.57
				<i>For Wire Guard, Add</i>	60.00	
26 52 13 13-0055	EA			16 Max Wattage At 90 Minutes, 6 Volt, 12" x 12" Polycarbonate Housing, Glass Sealed-Beam Lamps, Recessed Emergency Light (Lithonia ELR2).....	561.78	57.13
				Note: Includes lead-calcium batteries and two adjustable lamp heads.		
				<i>For Wireguard, Add</i>	234.52	
26 52 13 13-0056	EA			50 Max Wattage At 90 Minutes, 12 Volt, 12" x 12" Polycarbonate Housing, Glass Sealed-Beam Lamps, Recessed Emergency Light (Lithonia ELR4).....	812.98	57.13
				Note: Includes lead-calcium batteries and two adjustable lamp heads.		
				<i>For Wireguard, Add</i>	234.52	
26 52 13 13-0057				Square Wraparound Emergency Lights <small>(26 52 13 13)</small>		
26 52 13 13-0058	EA			10 Max Wattage At 90 Minutes, 6 Volt, Halogen Lamp, 10-5/16" x 10-5/16" Lexan Frame, Square Wraparound Emergency Light (Lithonia ELSQ).....	326.86	28.57

26 Electrical**26 50 Lighting****26 52 Safety Lighting**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 52 13 16 Exit Signs <small>(26 52 13)</small>			
Note: Excludes pendants.			
26 52 13 16-001	LED Exit Signs <small>(26 52 13 16)</small>		
Note: Includes red LED lamps.			
26 52 13 16-0002	EA Single Face, Thermoplastic Housing, LED Exit Sign (Lithonia LQM-S-W-3-R-120/277-M6)	186.33	41.77
	For Green LED Lamps, Add	15.00	
	For >50 To 100, Deduct	-6.75	
	For >100 To 250, Deduct	-11.40	
	For >250 To 500, Deduct	-18.63	
	For >500, Deduct	-25.86	
26 52 13 16-0003	EA Double Face, Thermoplastic Housing, LED Exit Sign (Lithonia LQM-S-W-3-R-120/277-M6)	186.33	41.77
	For Green LED Lamps, Add	15.00	
	For >50 To 100, Deduct	-6.75	
	For >100 To 250, Deduct	-11.40	
	For >250 To 500, Deduct	-18.63	
	For >500, Deduct	-25.86	
26 52 13 16-0004	EA Single Face, Thermoplastic Housing, LED Exit Sign With Battery Back-Up (Lithonia LQM-S-W-3-R-120/277-EL-N-M6)	263.23	41.77
	For Green LED Lamps, Add	15.00	
	For Self-Diagnostics, Add	50.00	
	For >50 To 100, Deduct	-8.67	
	For >100 To 250, Deduct	-15.25	
	For >250 To 500, Deduct	-26.32	
	For >500, Deduct	-37.40	
26 52 13 16-0005	EA Double Face, Thermoplastic Housing, LED Exit Sign With Battery Back-Up (Lithonia LQM ELN)	263.23	41.77
	For Green LED Lamps, Add	15.00	
	For Self-Diagnostics, Add	50.00	
	For >50 To 100, Deduct	-8.67	
	For >100 To 250, Deduct	-15.25	
	For >250 To 500, Deduct	-26.32	
	For >500, Deduct	-37.40	
26 52 13 16-0006	EA Single Face, Die-Cast Aluminum Housing, LED Exit Sign (Lithonia LQC-W-1-R)	290.71	41.77
	For Green LED Lamps, Add	15.00	
	For >50 To 100, Deduct	-9.36	
	For >100 To 250, Deduct	-16.62	
	For >250 To 500, Deduct	-29.07	
	For >500, Deduct	-41.52	
26 52 13 16-0007	EA Double Face, Die-Cast Aluminum Housing, LED Exit Sign (Lithonia LQC-W-2-R)	330.79	41.77
	For Green LED Lamps, Add	15.00	
	For >50 To 100, Deduct	-10.36	
	For >100 To 250, Deduct	-18.63	
	For >250 To 500, Deduct	-33.08	
	For >500, Deduct	-47.53	
26 52 13 16-0008	EA Single Face, Die-Cast Aluminum Housing, LED Exit Sign With Battery Back-Up (Lithonia LQC-W-1-R-EL-N)	273.96	41.77
	For Green LED Lamps, Add	15.00	
	For Self-Diagnostics, Add	50.00	
	For >50 To 100, Deduct	-8.94	
	For >100 To 250, Deduct	-15.79	
	For >250 To 500, Deduct	-27.40	
	For >500, Deduct	-39.01	
26 52 13 16-0009	EA Double Face, Die-Cast Aluminum Housing, LED Exit Sign With Battery Back-Up (Lithonia LQC-W-2-R-EL-N)	303.05	41.77
	For Green LED Lamps, Add	15.00	
	For Self-Diagnostics, Add	50.00	
	For >50 To 100, Deduct	-9.66	
	For >100 To 250, Deduct	-17.24	
	For >250 To 500, Deduct	-30.31	
	For >500, Deduct	-43.37	
26 52 13 16-0010	EA Single Face, Thermoplastic Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Lithonia LHQM-S-W-3-R-M4)	348.04	41.77
	Note: Includes two circular side mounted krypton emergency lights.		
	For Green LED Lamps, Add	15.00	
	For >50 To 100, Deduct	-11.56	
	For >100 To 250, Deduct	-20.26	
	For >250 To 500, Deduct	-34.80	
	For >500, Deduct	-49.35	
26 52 13 16-0011	EA Single Face, Thermoplastic Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Lithonia LHQM-LED-R-M6)	301.46	41.77
	Note: Includes two circular side mounted LED emergency lights.		
	For Green LED Lamps, Add	15.00	
	For >50 To 100, Deduct	-10.39	
	For >100 To 250, Deduct	-17.93	
	For >250 To 500, Deduct	-30.15	
	For >500, Deduct	-42.36	
26 52 13 16-0012	EA Single Face, Powder Coated Steel Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Big Beam COM-PH)	438.82	41.77
	Note: Includes two rectangular front mounted high intensity tungsten emergency lights.		
	For Green LED Lamps, Add	15.00	
	For >50 To 100, Deduct	-13.83	
	For >100 To 250, Deduct	-24.80	
	For >250 To 500, Deduct	-43.88	
	For >500, Deduct	-62.97	
26 52 13 16-0013	EA Single Face, Powder Coated Steel Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Big Beam COM)	459.94	41.77
	Note: Includes two circular side mounted PAR 36 emergency lights.		
	For Green LED Lamps, Add	15.00	
	For >50 To 100, Deduct	-14.36	
	For >100 To 250, Deduct	-25.85	
	For >250 To 500, Deduct	-45.99	
	For >500, Deduct	-66.13	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 52 13 16-0014	EA	Single Or Double Face, Polycarbonate Housing, LED Emergency Exit Sign (Eaton Lighting APX6R).....	121.42	41.77
		<i>For >50 To 100, Deduct</i>	-5.12	
		<i>For >100 To 250, Deduct</i>	-8.16	
		<i>For >250 To 500, Deduct</i>	-12.14	
		<i>For >500, Deduct</i>	-16.12	
26 52 13 16-0015	EA	120-277 Volt, LED Emergency Exit Sign With Nickel Cadmium Battery, Red (Cooper Industries APX7R).....	121.91	41.77
		<i>For >50 To 100, Deduct</i>	-5.14	
		<i>For >100 To 250, Deduct</i>	-8.18	
		<i>For >250 To 500, Deduct</i>	-12.19	
		<i>For >500, Deduct</i>	-16.20	

26 52 13 16-0016 Edge-Lit LED Exit Signs (26 52 13 16)
 Note: Includes red LED lamps.

26 52 13 16-0017	EA	Single Face, Edge-Lit LED Exit Sign (Lithonia EDG-1-R-M6).....	257.53	41.77
		<i>For Green LED Lamps, Add</i>	40.00	
		<i>For >50 To 100, Deduct</i>	-8.53	
		<i>For >100 To 250, Deduct</i>	-14.96	
		<i>For >250 To 500, Deduct</i>	-25.75	
		<i>For >500, Deduct</i>	-36.54	
26 52 13 16-0018	EA	Double Face, Edge-Lit LED Exit Sign (Lithonia EDG-2-R-M6).....	260.29	41.77
		<i>For Green LED Lamps, Add</i>	40.00	
		<i>For >50 To 100, Deduct</i>	-8.60	
		<i>For >100 To 250, Deduct</i>	-15.10	
		<i>For >250 To 500, Deduct</i>	-26.03	
		<i>For >500, Deduct</i>	-36.96	
26 52 13 16-0019	EA	Single Face, Edge-Lit LED Exit Sign With Battery Back-Up (Lithonia EDG-1-R-EL-M6).....	278.98	41.77
		<i>For Green LED Lamps, Add</i>	40.00	
		<i>For Self-Diagnostics, Add</i>	50.00	
		<i>For >50 To 100, Deduct</i>	-9.06	
		<i>For >100 To 250, Deduct</i>	-16.04	
		<i>For >250 To 500, Deduct</i>	-27.90	
		<i>For >500, Deduct</i>	-39.76	
26 52 13 16-0020	EA	Double Face, Edge-Lit LED Exit Sign With Battery Back-Up (Lithonia EDG-2-R-EL-M6).....	334.84	41.77
		<i>For Green LED Lamps, Add</i>	40.00	
		<i>For Self-Diagnostics, Add</i>	50.00	
		<i>For >50 To 100, Deduct</i>	-10.46	
		<i>For >100 To 250, Deduct</i>	-18.83	
		<i>For >250 To 500, Deduct</i>	-33.48	
		<i>For >500, Deduct</i>	-48.14	

26 52 13 16-0021 Self-Luminous Tritium Exit Signs (26 52 13 16)
 Note: Includes red or green tritium filled pyrex glass light tubes with phosphor coating.

26 52 13 16-0022	EA	10 Year, Single Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-S-10-R).....	559.28	41.77
		<i>For >50 To 100, Deduct</i>	-16.07	
		<i>For >100 To 250, Deduct</i>	-30.05	
		<i>For >250 To 500, Deduct</i>	-55.93	
		<i>For >500, Deduct</i>	-81.80	
26 52 13 16-0023	EA	10 Year, Double Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-D-10-R).....	1,034.51	41.77
		<i>For >50 To 100, Deduct</i>	-27.95	
		<i>For >100 To 250, Deduct</i>	-53.81	
		<i>For >250 To 500, Deduct</i>	-103.45	
		<i>For >500, Deduct</i>	-153.09	
26 52 13 16-0024	EA	20 Year, Single Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-S-20-R).....	667.54	41.77
		<i>For >50 To 100, Deduct</i>	-18.78	
		<i>For >100 To 250, Deduct</i>	-35.47	
		<i>For >250 To 500, Deduct</i>	-66.75	
		<i>For >500, Deduct</i>	-98.04	
26 52 13 16-0025	EA	20 Year, Double Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-D-20-R).....	1,121.43	41.77
		<i>For >50 To 100, Deduct</i>	-30.12	
		<i>For >100 To 250, Deduct</i>	-58.16	
		<i>For >250 To 500, Deduct</i>	-112.14	
		<i>For >500, Deduct</i>	-166.13	
26 52 13 16-0026	EA	10 Year, Single Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-01-10-R).....	613.15	41.77
		<i>For >50 To 100, Deduct</i>	-17.42	
		<i>For >100 To 250, Deduct</i>	-32.75	
		<i>For >250 To 500, Deduct</i>	-61.32	
		<i>For >500, Deduct</i>	-89.88	
26 52 13 16-0027	EA	10 Year, Double Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-07-10-R).....	1,121.43	41.77
		<i>For >50 To 100, Deduct</i>	-30.12	
		<i>For >100 To 250, Deduct</i>	-58.16	
		<i>For >250 To 500, Deduct</i>	-112.14	
		<i>For >500, Deduct</i>	-166.13	
26 52 13 16-0028	EA	20 Year, Single Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-01-20-R).....	753.94	41.77
		<i>For >50 To 100, Deduct</i>	-20.94	
		<i>For >100 To 250, Deduct</i>	-39.79	
		<i>For >250 To 500, Deduct</i>	-75.39	
		<i>For >500, Deduct</i>	-111.00	
26 52 13 16-0029	EA	20 Year, Double Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-07-20-R).....	1,393.86	41.77
		<i>For >50 To 100, Deduct</i>	-36.93	
		<i>For >100 To 250, Deduct</i>	-71.78	
		<i>For >250 To 500, Deduct</i>	-139.39	
		<i>For >500, Deduct</i>	-206.99	

26 Electrical**26 50 Lighting****26 52 Safety Lighting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 52 13 16-0030	Vandal-Resistant LED Exit Signs <small>(26 52 13 16)</small>		
	Note: Includes red LED lamps.		
26 52 13 16-0031	EA Single Face, Aluminum Housing, Vandal-Resistant/Wet Location, LED Exit Sign (Lithonia LV-S-W-1-R-120/277)	527.25	41.77
	For >50 To 100, Deduct	-15.27	
	For >100 To 250, Deduct	-28.45	
	For >250 To 500, Deduct	-52.73	
	For >500, Deduct	-77.00	
26 52 13 16-0032	EA Single Face, Aluminum Housing, Vandal-Resistant/Wet Location, LED Exit Sign With Battery Backup (Lithonia LV-S-W-1-R-120/277-EL-N)	821.55	41.77
	For >50 To 100, Deduct	-22.63	
	For >100 To 250, Deduct	-43.17	
	For >250 To 500, Deduct	-82.16	
	For >500, Deduct	-121.14	
26 52 13 16-0033	EA Single Face, Aluminum Housing, NEMA 4X, Vandal-Resistant/Wet Location, LED Exit Sign With Battery Backup (Lithonia LV-S-1-R-120/277-EL-N-UM-4X)	1,001.98	41.77
	For >50 To 100, Deduct	-27.14	
	For >100 To 250, Deduct	-52.19	
	For >250 To 500, Deduct	-100.20	
	For >500, Deduct	-148.21	
26 52 13 16-0034	Removal And Reinstallation Of Exit Light Fixture <small>(26 52 13 16)</small>		
	Note: Includes storage, cleaning and supply materials.		
26 52 13 16-0035	EA Removal And Reinstall Of Exit Light Fixtures	85.70	
	Note: Includes storage and cleaning.		
	For >50 To 100, Deduct	-4.29	
	For >100 To 250, Deduct	-6.43	
	For >250 To 500, Deduct	-8.57	
	For >500, Deduct	-10.71	
26 52 13 16-0036	Exit Sign Accessories <small>(26 52 13 16)</small>		
26 52 13 16-0037	EA Polycarbonate Vandal Shield For Exit Signs (Radiant-Lite BG-1)	124.52	11.45
	For >50 To 100, Deduct	-3.69	
	For >100 To 250, Deduct	-6.80	
	For >250 To 500, Deduct	-12.45	
	For >500, Deduct	-18.11	
26 52 13 16-0038	EA Wire Guard For Exit Signs Or Emergency Lights (Best Lighting Products WG-1)	71.92	11.45
	For >50 To 100, Deduct	-2.37	
	For >100 To 250, Deduct	-4.17	
	For >250 To 500, Deduct	-7.19	
	For >500, Deduct	-10.22	
26 52 13 16-0039	EA Wire Guard For Combination Exit Sign And Emergency Light (Best Lighting Products WG-3)	116.37	9.16
	For >50 To 100, Deduct	-3.37	
	For >100 To 250, Deduct	-6.28	
	For >250 To 500, Deduct	-11.64	
	For >500, Deduct	-17.00	
26 52 13 16-0040	EA Removal And Replacement Of Battery For Exit Signs	124.06	
	Note: Battery: nickel cadmium, 1.2 volt, 1 Ah battery capacity		
	For >50 To 100, Deduct	-3.82	
	For >100 To 250, Deduct	-6.92	
	For >250 To 500, Deduct	-12.41	
	For >500, Deduct	-17.89	

26 54 Classified Location Lighting (26 50)**26 54 19 LED Classified Location Lighting** (26 54)

26 54 19 00-0001	Class I Division 2, Hazardous Location, LED Fixtures <small>(26 54 19)</small>		
26 54 19 00-0002	Class I Division 2, Hazardous Location, NEMA 4X, LED Floodlight (Cooper Champ® FMV) <small>(26 54 19 00-0001)</small>		
	Note: Includes 5,600K CRI LED arrays, shatter resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 54 19 00-0003	EA 5,183 Lumens, 45 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV5L)	2,461.08	93.95
	For Bolt-On Visor, Add	94.27	
	For Bolt-On Wire Guard, Add	193.89	
	For 480 Volt, Add	166.01	
	For Warm White Color Rendering, Add	70.48	
	For >50 To 100, Deduct	-65.44	
	For >100 To 250, Deduct	-126.97	
	For >250 To 500, Deduct	-246.11	
	For >500, Deduct	-365.25	
26 54 19 00-0004	EA 7,095 Lumens, 62 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV7L)	3,014.53	100.21
	For Bolt-On Visor, Add	94.27	
	For Bolt-On Wire Guard, Add	193.89	
	For 480 Volt, Add	166.01	
	For Warm White Color Rendering, Add	70.48	
	For >50 To 100, Deduct	-79.54	
	For >100 To 250, Deduct	-154.90	
	For >250 To 500, Deduct	-301.45	
	For >500, Deduct	-448.00	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 54 19 00-0005	EA			9,132 Lumens, 79 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV9L).....	3,405.13	106.48
				<i>For Bolt-On Visor, Add</i>	94.27	
				<i>For Bolt-On Wire Guard, Add</i>	193.89	
				<i>For 480 Volt, Add</i>	166.01	
				<i>For Warm White Color Rendering, Add</i>	70.48	
				<i>For >50 To 100, Deduct</i>	-89.56	
				<i>For >100 To 250, Deduct</i>	-174.69	
				<i>For >250 To 500, Deduct</i>	-340.51	
				<i>For >500, Deduct</i>	-506.33	
26 54 19 00-0006	EA			11,107 Lumens, 99 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV11L).....	3,806.55	112.74
				<i>For Bolt-On Visor, Add</i>	94.27	
				<i>For Bolt-On Wire Guard, Add</i>	193.89	
				<i>For 480 Volt, Add</i>	166.01	
				<i>For Warm White Color Rendering, Add</i>	70.48	
				<i>For >50 To 100, Deduct</i>	-99.86	
				<i>For >100 To 250, Deduct</i>	-195.03	
				<i>For >250 To 500, Deduct</i>	-380.66	
				<i>For >500, Deduct</i>	-566.29	
26 54 19 00-0007				Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Vaporgard™ V2LC) <small>(26 54 19 00-0001)</small>		
				Note: Includes 5,600K CRI LED arrays, heat resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 54 19 00-0008	EA			1,600 Lumens, 25 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Vaporgard™ V2LC).....	1,454.27	87.69
				<i>For 12/24 Volt DC Driver, Add</i>	26.79	
				<i>For Frosted Lens, Add</i>	54.75	
				<i>For Warm White Color Temperature LEDs, Add</i>	70.48	
				<i>For 55 Degree Ambient Suitability (AC Only) Option, Add</i>	36.48	
				<i>For Stanchion Mount, Add</i>	225.86	
				<i>For Ceiling Mount, Add</i>	90.57	
				<i>For Wall Mount, Add</i>	132.21	
				<i>For Teflon Coated Lens, Add</i>	116.21	
				<i>For Wall Mount With Junction Box, Add</i>	193.04	
				<i>For >50 To 100, Deduct</i>	-40.01	
				<i>For >100 To 250, Deduct</i>	-76.37	
				<i>For >250 To 500, Deduct</i>	-145.43	
				<i>For >500, Deduct</i>	-214.49	
26 54 19 00-0009				Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV) <small>(26 54 19 00-0001)</small>		
				Note: Includes 5,600K CRI LED arrays, heat and impact resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 54 19 00-0010	EA			3,240 Lumens, 47 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV3L).....	2,313.16	87.69
				<i>For Ceiling Mount, Add</i>	17.33	
				<i>For Quick Clip Mounting Option, Add</i>	25.46	
				<i>For Frosted Lens, Add</i>	54.75	
				<i>For Warm White Color Rendering, Add</i>	70.48	
				<i>For Polycarbonate Lens, Add</i>	101.48	
				<i>For 480 Volt, Add</i>	166.01	
				<i>For >50 To 100, Deduct</i>	-61.48	
				<i>For >100 To 250, Deduct</i>	-119.31	
				<i>For >250 To 500, Deduct</i>	-231.32	
				<i>For >500, Deduct</i>	-343.32	
26 54 19 00-0011	EA			3,778 Lumens, 63 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV5L).....	2,562.14	93.95
				<i>For Ceiling Mount, Add</i>	17.33	
				<i>For Quick Clip Mounting Option, Add</i>	25.46	
				<i>For Frosted Lens, Add</i>	54.75	
				<i>For Warm White Color Rendering, Add</i>	70.48	
				<i>For Polycarbonate Lens, Add</i>	101.48	
				<i>For 480 Volt, Add</i>	166.01	
				<i>For >50 To 100, Deduct</i>	-67.97	
				<i>For >100 To 250, Deduct</i>	-132.02	
				<i>For >250 To 500, Deduct</i>	-256.21	
				<i>For >500, Deduct</i>	-380.41	
26 54 19 00-0012	EA			6,340 Lumens, 98 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV7L).....	2,870.98	100.21
				<i>For Ceiling Mount, Add</i>	17.33	
				<i>For Quick Clip Mounting Option, Add</i>	25.46	
				<i>For Frosted Lens, Add</i>	54.75	
				<i>For Warm White Color Rendering, Add</i>	70.48	
				<i>For Polycarbonate Lens, Add</i>	101.48	
				<i>For 480 Volt, Add</i>	166.01	
				<i>For >50 To 100, Deduct</i>	-75.95	
				<i>For >100 To 250, Deduct</i>	-147.72	
				<i>For >250 To 500, Deduct</i>	-287.10	
				<i>For >500, Deduct</i>	-426.47	

26 Electrical

26 50 Lighting

26 54 Classified Location Lighting



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 54 19 00-0013	EA 6,340 Lumens, 98 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV9L)	3,741.26	106.48
	For Ceiling Mount, Add	17.33	
	For Quick Clip Mounting Option, Add	25.46	
	For Frosted Lens, Add	54.75	
	For Warm White Color Rendering, Add	70.48	
	For Polycarbonate Lens, Add	101.48	
	For 480 Volt, Add	166.01	
	For >50 To 100, Deduct	-97.97	
	For >100 To 250, Deduct	-191.50	
	For >250 To 500, Deduct	-374.13	
	For >500, Deduct	-556.75	
26 54 19 00-0014	EA 9,720 Lumens, 137 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV11L)	4,292.72	112.74
	For Ceiling Mount, Add	17.33	
	For Quick Clip Mounting Option, Add	25.46	
	For Frosted Lens, Add	54.75	
	For Warm White Color Rendering, Add	70.48	
	For Polycarbonate Lens, Add	101.48	
	For 480 Volt, Add	166.01	
	For >50 To 100, Deduct	-112.02	
	For >100 To 250, Deduct	-219.33	
	For >250 To 500, Deduct	-429.27	
	For >500, Deduct	-639.21	
26 54 19 00-0015	Class I Division 1, Explosion Proof, LED Fixtures <small>(26 54 19)</small>		
26 54 19 00-0016	Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL) <small>(26 54 19 00-0015)</small>		
	Note: Includes 5,600K CRI LED arrays, shatter resistant and explosion proof glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 54 19 00-0017	EA 5,625 Lumens, 80 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL5L)	3,802.31	93.95
	For Wall Mount, Deduct	-14.56	
	For Warm Color Temperature LEDs, Add	78.41	
	For Stainless Steel Guard, Add	140.74	
	For Ceiling Mount, Add	169.78	
	For Stanchion Mount, Add	197.60	
	For Yoke Mount, Add	494.00	
	For >50 To 100, Deduct	-98.97	
	For >100 To 250, Deduct	-194.03	
	For >250 To 500, Deduct	-380.23	
	For >500, Deduct	-566.43	
26 54 19 00-0018	EA 6,750 Lumens, 100 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL7L)	4,624.37	100.21
	For Wall Mount, Deduct	-14.56	
	For Warm Color Temperature LEDs, Add	78.41	
	For Stainless Steel Guard, Add	140.74	
	For Ceiling Mount, Add	169.78	
	For Stanchion Mount, Add	197.60	
	For Yoke Mount, Add	494.00	
	For >50 To 100, Deduct	-119.78	
	For >100 To 250, Deduct	-235.39	
	For >250 To 500, Deduct	-462.44	
	For >500, Deduct	-689.48	
26 54 19 00-0019	EA 9,000 Lumens, 130 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL9L)	5,372.76	106.48
	For Wall Mount, Deduct	-14.56	
	For Warm Color Temperature LEDs, Add	78.41	
	For Stainless Steel Guard, Add	140.74	
	For Ceiling Mount, Add	169.78	
	For Stanchion Mount, Add	197.60	
	For Yoke Mount, Add	494.00	
	For >50 To 100, Deduct	-138.76	
	For >100 To 250, Deduct	-273.07	
	For >250 To 500, Deduct	-537.28	
	For >500, Deduct	-801.48	
26 54 19 00-0020	EA 10,500 Lumens, 151 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL11L)	6,134.90	112.74
	For Wall Mount, Deduct	-14.56	
	For Warm Color Temperature LEDs, Add	78.41	
	For Stainless Steel Guard, Add	140.74	
	For Ceiling Mount, Add	169.78	
	For Stanchion Mount, Add	197.60	
	For Yoke Mount, Add	494.00	
	For >50 To 100, Deduct	-158.07	
	For >100 To 250, Deduct	-311.44	
	For >250 To 500, Deduct	-613.49	
	For >500, Deduct	-915.54	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 54 19 00-0021	EA		13,500 Lumens, 175 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL13L).....	7,109.50	108.56
			<i>For Wall Mount, Deduct</i>	-14.56	
			<i>For Warm Color Temperature LEDs, Add</i>	78.41	
			<i>For Stainless Steel Guard, Add</i>	140.74	
			<i>For Ceiling Mount, Add</i>	169.78	
			<i>For Stanchion Mount, Add</i>	197.60	
			<i>For Yoke Mount, Add</i>	494.00	
			<i>For >50 To 100, Deduct</i>	-182.70	
			<i>For >100 To 250, Deduct</i>	-360.43	
			<i>For >250 To 500, Deduct</i>	-710.95	
			<i>For >500, Deduct</i>	-1,061.47	

26 55 Special Purpose Lighting (26 50)

26 55 13 Landscape Lighting (26 55)

26 55 13 00-0001 Bollards (26 55 13)

Note: Excludes concrete base.

26 55 13 00-0002 Aluminum Architectural Bollards (26 55 13 00-0001)

26 55 13 00-0003 High Pressure Sodium, Aluminum Architectural Bollards (26 55 13 00-0002)

26 55 13 00-0004 Square, High Pressure Sodium, Aluminum Architectural Bollards (26 55 13 00-0003)

26 55 13 00-0005	EA	24" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,521.44	97.13
26 55 13 00-0006	EA	30" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,532.86	102.84
26 55 13 00-0007	EA	36" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,544.29	108.55
26 55 13 00-0008	EA	42" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,427.56	114.27
26 55 13 00-0009	EA	24" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,521.44	97.13
26 55 13 00-0010	EA	30" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,532.86	102.84
26 55 13 00-0011	EA	36" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,544.29	108.55
26 55 13 00-0012	EA	42" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,427.56	114.27
26 55 13 00-0013	EA	24" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,521.44	97.13
26 55 13 00-0014	EA	30" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,532.86	102.84
26 55 13 00-0015	EA	36" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,544.29	108.55
26 55 13 00-0016	EA	42" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,427.56	114.27
26 55 13 00-0017	EA	24" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,521.44	97.13
26 55 13 00-0018	EA	30" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,532.86	102.84
26 55 13 00-0019	EA	36" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,544.29	108.55
26 55 13 00-0020	EA	42" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,427.56	114.27

26 55 13 00-0021 Round, High Pressure Sodium, Aluminum Architectural Bollards (26 55 13 00-0003)

26 55 13 00-0022	EA	24" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,462.58	97.13
26 55 13 00-0023	EA	30" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,474.00	102.84
26 55 13 00-0024	EA	36" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,485.43	108.55
26 55 13 00-0025	EA	42" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,368.17	114.27
26 55 13 00-0026	EA	24" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,462.58	97.13
26 55 13 00-0027	EA	30" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,474.00	102.84
26 55 13 00-0028	EA	36" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,485.43	108.55
26 55 13 00-0029	EA	42" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,368.17	114.27
26 55 13 00-0030	EA	24" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,462.58	97.13
26 55 13 00-0031	EA	30" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,474.00	102.84
26 55 13 00-0032	EA	36" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,485.43	108.55
26 55 13 00-0033	EA	42" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,368.17	114.27
26 55 13 00-0034	EA	24" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,462.58	97.13
26 55 13 00-0035	EA	30" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,474.00	102.84
26 55 13 00-0036	EA	36" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,485.43	108.55
26 55 13 00-0037	EA	42" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,368.17	114.27

26 55 13 00-0038 Metal Halide, Aluminum Architectural Bollards (26 55 13 00-0002)

26 55 13 00-0039 Square, Metal Halide, Aluminum Architectural Bollards (26 55 13 00-0038)

26 55 13 00-0040	EA	24" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard.....	1,597.85	97.13
26 55 13 00-0041	EA	30" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard.....	1,609.27	102.84
26 55 13 00-0042	EA	36" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard.....	1,620.70	108.55
26 55 13 00-0043	EA	42" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard.....	1,503.43	114.27
26 55 13 00-0044	EA	24" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard.....	1,597.85	97.13
26 55 13 00-0045	EA	30" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard.....	1,609.27	102.84
26 55 13 00-0046	EA	36" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard.....	1,620.70	108.55
26 55 13 00-0047	EA	42" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard.....	1,503.43	114.27
26 55 13 00-0048	EA	24" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard.....	1,597.85	97.13
26 55 13 00-0049	EA	30" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard.....	1,609.27	102.84
26 55 13 00-0050	EA	36" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard.....	1,620.70	108.55
26 55 13 00-0051	EA	42" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard.....	1,567.38	114.27

26 55 13 00-0052 Round, Metal Halide, Aluminum Architectural Bollards (26 55 13 00-0038)

26 55 13 00-0053	EA	24" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard.....	1,538.46	97.13
26 55 13 00-0054	EA	30" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard.....	1,549.88	102.84
26 55 13 00-0055	EA	36" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard.....	1,561.31	108.55
26 55 13 00-0056	EA	42" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard.....	1,444.04	114.27
26 55 13 00-0057	EA	24" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard.....	1,538.46	97.13
26 55 13 00-0058	EA	30" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard.....	1,549.88	102.84

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 55 13 00-0059	EA	36"	Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,561.31	108.55
26 55 13 00-0060	EA	42"	Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,444.04	114.27
26 55 13 00-0061	EA	24"	Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,538.46	97.13
26 55 13 00-0062	EA	30"	Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,549.88	102.84
26 55 13 00-0063	EA	36"	Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,561.31	108.55
26 55 13 00-0064	EA	42"	Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,444.04	114.27

26 55 13 00-0065 Compact Fluorescent, Aluminum Architectural Bollards (26 55 13 00-0002)

26 55 13 00-0066 Square, Compact Fluorescent, Aluminum Architectural Bollards (26 55 13 00-0065)

26 55 13 00-0067	EA	24"	Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,514.73	97.13
26 55 13 00-0068	EA	30"	Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,526.15	102.84
26 55 13 00-0069	EA	36"	Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,537.58	108.55
26 55 13 00-0070	EA	42"	Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,422.06	114.27
26 55 13 00-0071	EA	24"	Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,514.73	97.13
26 55 13 00-0072	EA	30"	Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,526.15	102.84
26 55 13 00-0073	EA	36"	Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,537.58	108.55
26 55 13 00-0074	EA	42"	Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,422.06	114.27
26 55 13 00-0075	EA	24"	Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,514.73	97.13
26 55 13 00-0076	EA	30"	Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,526.15	102.84
26 55 13 00-0077	EA	36"	Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,537.58	108.55
26 55 13 00-0078	EA	42"	Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,422.06	114.27

26 55 13 00-0079 Round, Compact Fluorescent, Aluminum Architectural Bollards (26 55 13 00-0065)

26 55 13 00-0080	EA	24"	Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,456.64	97.13
26 55 13 00-0081	EA	30"	Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,468.06	102.84
26 55 13 00-0082	EA	36"	Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,479.49	108.55
26 55 13 00-0083	EA	42"	Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,365.08	114.27
26 55 13 00-0084	EA	24"	Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,456.64	97.13
26 55 13 00-0085	EA	30"	Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,468.06	102.84
26 55 13 00-0086	EA	36"	Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,479.49	108.55
26 55 13 00-0087	EA	42"	Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,365.08	114.27
26 55 13 00-0088	EA	24"	Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,456.64	97.13
26 55 13 00-0089	EA	30"	Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,468.06	102.84
26 55 13 00-0090	EA	36"	Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,479.49	108.55
26 55 13 00-0091	EA	42"	Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,365.08	114.27

26 55 13 00-0092 LED, Aluminum Architectural Bollards (26 55 13 00-0002)

26 55 13 00-0093 Square, LED, Aluminum Architectural Bollards (26 55 13 00-0092)

26 55 13 00-0094	EA	24"	Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard	1,816.37	97.13
26 55 13 00-0095	EA	30"	Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard	1,827.79	102.84
26 55 13 00-0096	EA	36"	Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard	1,839.22	108.55
26 55 13 00-0097	EA	42"	Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard	1,725.30	114.27
26 55 13 00-0098	EA	24"	Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard	2,220.78	97.13
26 55 13 00-0099	EA	30"	Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard	2,232.20	102.84
26 55 13 00-0100	EA	36"	Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard	2,243.63	108.55
26 55 13 00-0101	EA	42"	Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard	2,127.70	114.27

26 55 13 00-0102 Round, LED, Aluminum Architectural Bollards (26 55 13 00-0092)

26 55 13 00-0103	EA	24"	Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard	1,756.04	97.13
26 55 13 00-0104	EA	30"	Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard	1,767.46	102.84
26 55 13 00-0105	EA	36"	Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard	1,778.89	108.55
26 55 13 00-0106	EA	42"	Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard	1,662.96	114.27
26 55 13 00-0107	EA	24"	Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard	2,160.45	97.13
26 55 13 00-0108	EA	30"	Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard	2,171.87	102.84
26 55 13 00-0109	EA	36"	Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard	2,183.30	108.55
26 55 13 00-0110	EA	42"	Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard	2,068.09	114.27

26 55 13 00-0111 Reinforced Concrete Bollards (26 55 13 00-0001)

26 55 13 00-0112	EA	48"	Overall Height, 12" Diameter, LED Light, Reinforced Concrete Bollard	1,481.85	285.66
26 55 13 00-0113	EA	58"	Overall Height, 18" Diameter, High Intensity Discharge (HID) Light, Reinforced Concrete Bollard	2,619.41	380.84

26 55 13 00-0114 Low Voltage (26 55 13)

26 55 13 00-0115	EA		Low Voltage Recessed Uplight	725.77	207.96
26 55 13 00-0116	EA		Low Voltage Walkway	507.90	114.27
26 55 13 00-0117	EA		Low Voltage Malibu - 5 Light Set	508.28	152.54
26 55 13 00-0118	EA		Low Voltage Mushroom 24" Pier	436.79	114.27

26 55 13 00-0119 Recessed, Adjustable (26 55 13)

26 55 13 00-0120	EA		150 Watt Incandescent Recessed, Adjustable	838.00	182.82
26 55 13 00-0121	EA		300 Watt Incandescent Recessed, Adjustable	914.20	182.82

26 55 13 00-0122 Recessed, Uplight (26 55 13)

26 55 13 00-0123	EA		50 Watt Incandescent Recessed Uplight	751.65	182.82
26 55 13 00-0124	EA		150 Watt Incandescent Recessed Uplight	766.89	182.82

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 55 13 00-0125	EA		300 Watt Incandescent Recessed Uplight.....	812.61	182.82
26 55 13 00-0126	EA		500 Watt Quartz Recessed Uplight.....	807.53	182.82
26 55 13 00-0127	EA		5 Watt, LED Recessed Uplight	1,103.86	182.82
26 55 13 00-0128	EA		15 Watt, LED Recessed Uplight	1,216.53	182.82
26 55 13 00-0129			Recessed Wall Light (26 55 13)		
26 55 13 00-0130	EA		100 Watt Incandescent Recessed Wall Light	391.07	114.27
26 55 13 00-0131	EA		100 Watt Fluorescent Recessed Wall Light.....	375.83	114.27
26 55 13 00-0132	EA		100 Watt High Intensity Discharge (HID) Recessed Wall Light	604.78	152.54
26 55 13 00-0133			Step Lights (26 55 13)		
26 55 13 00-0134	EA		Incandescent Step Light	319.90	91.41
26 55 13 00-0135	EA		Fluorescent Step Light.....	370.76	91.41
26 55 13 00-0136	EA		5 Watt, LED Step Light.....	607.20	91.41
26 55 13 00-0137	EA		15 Watt, LED Step Light	727.38	91.41
26 55 13 00-0138			Tree Lights, Surface Adjustable (26 55 13)		
26 55 13 00-0139	EA		50 Watt Incandescent Tree Lights	670.82	152.54
26 55 13 00-0140	EA		100 Watt Incandescent Tree Lights	686.06	152.54
26 55 13 00-0141	EA		150 Watt Incandescent Tree Lights	863.40	228.53
26 55 16			Walkway Lighting (26 55)		
26 55 16 00-0001			Incandescent Walkway (26 55 16)		
26 55 16 00-0002	EA		Post Top 300 Watt Incandescent Walkway Fixture.....	389.23	106.27
26 55 16 00-0003			Metal Halide Walkway (26 55 16)		
26 55 16 00-0004	EA		Post Top 100 Watt Metal Halide Walkway Fixture.....	598.75	167.05
26 55 16 00-0005	EA		Post Top 150-175 Watt Metal Halide Walkway Fixture	633.93	173.11
26 55 16 00-0006	EA		Post Top 250 Watt Metal Halide Walkway Fixture	683.34	179.74
26 55 16 00-0007	EA		Post Top 400 Watt Metal Halide Walkway Fixture	731.86	194.25
26 55 16 00-0008	EA		Round Luminaries 100 Watt Metal Halide Walkway Fixture	652.48	179.74
26 55 16 00-0009	EA		Round Luminaries 150-175 Watt Metal Halide Walkway Fixture	658.12	167.05
26 55 16 00-0010	EA		Round Luminaries 250 Watt Metal Halide Walkway Fixture	670.98	173.11
26 55 16 00-0011	EA		Spherical 100 Watt Metal Halide Walkway Fixture	531.21	119.06
26 55 16 00-0012	EA		Spherical 150-175 Watt Metal Halide Walkway Fixture	562.07	119.06
26 55 16 00-0013	EA		Spherical 250 Watt Metal Halide Walkway Fixture	592.93	119.06
26 55 16 00-0014	EA		Spherical 400 Watt Metal Halide Walkway Fixture	669.40	134.03
26 55 16 00-0015	EA		Low Walkway 100 Watt Metal Halide Walkway Fixture	507.13	106.95
26 55 16 00-0016			High Pressure Sodium Walkway (26 55 16)		
26 55 16 00-0017	EA		Post Top 100 Watt High Pressure Sodium Walkway Fixture	540.86	167.05
26 55 16 00-0018	EA		Post Top 150-175 Watt High Pressure Sodium Walkway Fixture	571.00	173.11
26 55 16 00-0019	EA		Post Top 250 Watt High Pressure Sodium Walkway Fixture	612.46	179.74
26 55 16 00-0020	EA		Post Top 400 Watt High Pressure Sodium Walkway Fixture	656.78	194.25
26 55 16 00-0021	EA		Round Luminaries 100 Watt High Pressure Sodium Walkway Fixture	588.35	179.74
26 55 16 00-0022	EA		Round Luminaries 150-175 Watt High Pressure Sodium Walkway Fixture	587.24	167.05
26 55 16 00-0023	EA		Round Luminaries 250 Watt High Pressure Sodium Walkway Fixture	599.94	173.11
26 55 16 00-0024	EA		Spherical 100 Watt High Pressure Sodium Walkway Fixture	467.08	119.06
26 55 16 00-0025	EA		Spherical 175-150-Watt High Pressure Sodium Walkway Fixture	491.19	119.06
26 55 16 00-0026	EA		Spherical 250 Watt High Pressure Sodium Walkway Fixture	515.30	119.06
26 55 16 00-0027	EA		Spherical 400 Watt High Pressure Sodium Walkway Fixture	581.64	134.03
26 55 16 00-0028	EA		Low Walkway 100 Watt High Pressure Sodium Walkway Fixture.....	452.02	106.95
26 55 16 00-0029			Walkway, Adjustable (26 55 16)		
26 55 16 00-0030	EA		2' Fluorescent Adjustable Walkway Fixture	563.93	152.54
26 55 16 00-0031	EA		4' Fluorescent Adjustable Walkway Fixture	579.16	152.54
26 55 16 00-0032	EA		8' Fluorescent Adjustable Walkway Fixture	995.01	228.53
26 55 16 00-0033	EA		50 Watt Incandescent Adjustable Walkway Fixture	472.13	114.27
26 55 16 00-0034	EA		150 Watt Incandescent Adjustable Walkway Fixture	492.44	114.27
26 55 16 00-0035			LED Walkway (26 55 16)		
26 55 16 00-0036			LED Pathway Fixtures (CREE® BetaLED® Edge® PWY-EDG) (26 55 16 00-0035)		
Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.					
26 55 16 00-0037	EA		13" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	874.17	87.69
For Multi-Level Drive Currents, Add				230.60	
26 55 16 00-0038	EA		18" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	902.18	87.69
For Multi-Level Drive Currents, Add				230.60	
26 55 16 00-0039	EA		36" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	951.59	87.69
For Multi-Level Drive Currents, Add				230.60	
26 55 16 00-0040	EA		42" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	989.47	87.69
For Multi-Level Drive Currents, Add				230.60	
26 55 16 00-0041	EA		96" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	1,138.30	112.74
For Multi-Level Drive Currents, Add				230.60	

26	Electrical
26 50	Lighting
26 55	Special Purpose Lighting

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 55 16 00-0042			Wall Mounted Walkway Lighting (26 55 16 00-0035)		
26 55 16 00-0043	EA		Wall Mounted Lantern With LED Kit, No. PDEX-Bracket (Herwig P-492).....	4,275.33	
			Note: Type Fixture 17 as Post		
26 55 16 00-0044			Pole Mounted Walkway Lighting (26 55 16 00-0035)		
26 55 16 00-0045	EA		43-1/2" Height x 19" Diameter, LED Post Lantern (Herwig AP-27).....	3,946.72	
26 55 16 00-0046	EA		12' Tapered and Fluted Post (Herwig BRA Series, BRAJ-12)	3,874.70	
			Note: Washers and nuts included		
26 55 29			Underwater Lighting (26 55)		
26 55 29 00-0001			Underwater Lights (26 55 29)		
26 55 29 00-0002	EA		150 Watt, 120 Volt Underwater Lights	543.09	75.99
26 55 29 00-0003	EA		300 Watt, 120 Volt Underwater Lights	604.05	75.99
26 55 29 00-0004	EA		1,000 Watt, 120 Volt Underwater Lights	1,472.98	114.27
26 55 29 00-0005	EA		50 Watt, 12 Volt Underwater Lights	568.49	75.99
26 55 29 00-0006	EA		300 Watt, 12 Volt Underwater Lights	639.60	75.99
26 55 29 00-0007	SET		Under Water Fountain Fixture, Set Of 6, 300 Watt, Incandescent	1,637.71	171.39
26 55 53			Security Lighting (26 55)		
26 55 53 11			Security Flood Lighting (26 55 53)		
26 55 53 11-0001			General Electric Powerflood® Flood Lights (26 55 53 11)		
26 55 53 11-0002			MPF (Small Size) Series GE Flood Lights (26 55 53 11-0001)		
			Note: For perimeters, entrances, building facades and sign lighting. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. 1/2" threaded mounting knuckle.		
26 55 53 11-0003			High Pressure Sodium MPF Series GE Flood Lights (26 55 53 11-0002)		
26 55 53 11-0004	EA		70 Watt High Pressure Sodium MPF Series GE Flood Light	360.89	97.07
26 55 53 11-0005	EA		100 Watt High Pressure Sodium MPF Series GE Flood Light	364.23	97.07
26 55 53 11-0006	EA		150 Watt High Pressure Sodium MPF Series GE Flood Light	369.79	97.07
26 55 53 11-0007			Metal Halide MPF Series GE Flood Lights (26 55 53 11-0002)		
26 55 53 11-0008	EA		70 Watt Metal Halide MPF Series GE Flood Light	493.19	97.07
26 55 53 11-0009			P-154 (Small Size) Series GE Flood Lights (26 55 53 11-0001)		
			Note: For parking lots, building security, building facades, recreation areas and sign lighting. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0010			High Pressure Sodium P-154 Series GE Flood Lights (26 55 53 11-0009)		
26 55 53 11-0011	EA		70 Watt High Pressure Sodium P-154 Series GE Flood Light	738.00	129.42
26 55 53 11-0012	EA		100 Watt High Pressure Sodium P-154 Series GE Flood Light	742.45	129.42
26 55 53 11-0013	EA		150 Watt High Pressure Sodium P-154 Series GE Flood Light	750.23	129.42
26 55 53 11-0014	EA		250 Watt High Pressure Sodium P-154 Series GE Flood Light	838.06	129.42
26 55 53 11-0015	EA		400 Watt High Pressure Sodium P-154 Series GE Flood Light	863.63	129.42
26 55 53 11-0016			Metal Halide P-154 Series GE Flood Lights (26 55 53 11-0009)		
26 55 53 11-0017	EA		175 Watt Metal Halide P-154 Series GE Flood Light	730.22	129.42
26 55 53 11-0018	EA		250 Watt Metal Halide P-154 Series GE Flood Light	769.13	129.42
26 55 53 11-0019	EA		400 Watt Metal Halide P-154 Series GE Flood Light	789.14	129.42
26 55 53 11-0020			PF-154 (Medium Size) Series GE Flood Lights (26 55 53 11-0001)		
			Note: For parking lots, building security and building facades. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0021			High Pressure Sodium PF-154 Series GE Flood Lights (26 55 53 11-0020)		
26 55 53 11-0022	EA		70 Watt High Pressure Sodium PF-154 Series GE Flood Light.....	751.45	145.60
26 55 53 11-0023	EA		100 Watt High Pressure Sodium PF-154 Series GE Flood Light	757.01	145.60
26 55 53 11-0024	EA		150 Watt High Pressure Sodium PF-154 Series GE Flood Light	765.91	145.60
26 55 53 11-0025	EA		250 Watt High Pressure Sodium PF-154 Series GE Flood Light	852.62	145.60
26 55 53 11-0026	EA		400 Watt High Pressure Sodium PF-154 Series GE Flood Light	877.08	145.60
26 55 53 11-0027			Metal Halide PF-154 GE Flood Lights (26 55 53 11-0020)		
26 55 53 11-0028	EA		175 Watt Metal Halide PF-154 Series GE Flood Light.....	744.78	145.60
26 55 53 11-0029	EA		250 Watt Metal Halide PF-154 Series GE Flood Light.....	782.58	145.60
26 55 53 11-0030	EA		400 Watt Metal Halide PF-154 Series GE Flood Light.....	802.59	145.60
26 55 53 11-0031			PF-400 (Medium Size) Series GE Flood Lights (26 55 53 11-0001)		
			Note: For parking lots, building security, building facades, shipping yards and rail yards. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Formed aluminum reflector. Yoke or slip fitter mounting.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 55 53 11-0032			High Pressure Sodium PF-400 Series GE Flood Lights <small>(26 55 53 11-0031)</small>		
26 55 53 11-0033	EA		150 Watt High Pressure Sodium PF-400 Series GE Flood Light.....	1,013.83	145.60
26 55 53 11-0034	EA		200 Watt High Pressure Sodium PF-400 Series GE Flood Light.....	1,091.65	145.60
26 55 53 11-0035	EA		250 Watt High Pressure Sodium PF-400 Series GE Flood Light.....	1,086.09	145.60
26 55 53 11-0036	EA		400 Watt High Pressure Sodium PF-400 Series GE Flood Light.....	1,113.89	145.60
26 55 53 11-0037			Metal Halide PF-400 GE Flood Lights <small>(26 55 53 11-0031)</small>		
26 55 53 11-0038	EA		175 Watt Metal Halide PF-400 Series GE Flood Light.....	1,042.73	145.60
26 55 53 11-0039	EA		250 Watt Metal Halide PF-400 Series GE Flood Light.....	1,066.08	145.60
26 55 53 11-0040	EA		400 Watt Metal Halide PF-400 Series GE Flood Light.....	1,090.54	145.60
26 55 53 11-0041			PF-1000 (Large Size) Series GE Flood Lights <small>(26 55 53 11-0001)</small>		
Note: For parking lots, industrial yards and sports stadiums. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Formed aluminum reflector. Yoke or slip fitter mounting.					
26 55 53 11-0042			High Pressure Sodium PF-154 Series GE Flood Lights <small>(26 55 53 11-0041)</small>		
26 55 53 11-0043	EA		750 Watt High Pressure Sodium PF-1000 Series GE Flood Light.....	1,378.60	161.77
26 55 53 11-0044	EA		1,000 Watt High Pressure Sodium PF-1000 Series GE Flood Light.....	1,378.60	161.77
26 55 53 11-0045			Metal Halide PF-1000 Series GE Flood Lights <small>(26 55 53 11-0041)</small>		
26 55 53 11-0046	EA		1,000 Watt Metal Halide PF-1000 Series GE Flood Light.....	1,314.12	161.77
26 55 53 11-0047			HLU/VLU (Medium Size) FRP Series GE Flood Lights <small>(26 55 53 11-0001)</small>		
Note: For parking lots, industrial yards, construction sites, recreation areas and facades. Includes corrosion resistant reinforced polyester housing and thermal shock resistant lens. Hydroformed aluminum reflector. Yoke or slip fitter mounting.					
26 55 53 11-0048			High Pressure Sodium HLU/VLU FRP Series GE Flood Lights <small>(26 55 53 11-0047)</small>		
26 55 53 11-0049	EA		250 Watt High Pressure Sodium HLU/VLU FRP Series GE Flood Light.....	1,120.56	145.60
26 55 53 11-0050	EA		400 Watt High Pressure Sodium HLU/VLU FRP Series GE Flood Light.....	1,141.68	145.60
26 55 53 11-0051			Metal Halide HLU/VLU Series GE Flood Lights <small>(26 55 53 11-0047)</small>		
26 55 53 11-0052	EA		400 Watt Metal Halide HLU/VLU FRP Series GE Flood Light.....	1,132.78	145.60
26 55 53 11-0053			Accessories For Powerflood GE Flood Lights <small>(26 55 53 11-0001)</small>		
26 55 53 11-0054	EA		Wireguard For Powerflood GE Flood Light.....	192.56	32.36
26 55 53 11-0055	EA		Polycarbonate Vandal Shield For Powerflood GE Flood Light.....	110.29	32.36
26 55 53 11-0056	EA		Top Visor For Powerflood Flood Light.....	161.43	32.36
26 55 53 11-0057	EA		Top And Two Side Visors For Powerflood GE Flood Light.....	122.52	32.36
26 55 53 11-0058	EA		Pipe Wall Mounting Bracket For Powerflood GE Flood Light.....	307.53	97.07
26 55 53 11-0059	EA		Multiple Mounting Channel For Powerflood GE Flood Light.....	134.75	32.36
26 55 53 11-0060	EA		Wall Or Flat Surface Bracket For Powerflood GE Flood Light.....	224.15	97.07
26 55 53 11-0061	EA		Steel Angle Bracket For Powerflood GE Flood Light.....	234.15	97.07
26 55 53 11-0062	EA		Cross Arm Adaptor For Powerflood GE Flood Light.....	100.29	32.36
26 55 53 11-0063	EA		120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Powerflood GE Flood Light.....	96.95	32.36
26 55 53 11-0064			Lithonia Contour Series Flood Lights <small>(26 55 53 11)</small>		
26 55 53 11-0065			TFM (Small Size) Series Lithonia Flood Lights <small>(26 55 53 11-0064)</small>		
Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Faceted parabolic optics. 1/2" threaded mounting knuckle.					
26 55 53 11-0066			High Pressure Sodium TFM Series Lithonia Flood Lights <small>(26 55 53 11-0065)</small>		
26 55 53 11-0067	EA		70 Watt High Pressure Sodium TFM Series Lithonia Flood Light.....	678.81	129.42
26 55 53 11-0068	EA		100 Watt High Pressure Sodium TFM Series Lithonia Flood Light.....	743.01	129.42
26 55 53 11-0069	EA		150 Watt High Pressure Sodium TFM Series Lithonia Flood Light.....	805.87	129.42
26 55 53 11-0070			Metal Halide TFM Series Lithonia Flood Lights <small>(26 55 53 11-0065)</small>		
26 55 53 11-0071	EA		50 Watt Metal Halide TFM Series Lithonia Flood Light.....	884.31	129.42
26 55 53 11-0072	EA		70 Watt Metal Halide TFM Series Lithonia Flood Light.....	868.86	129.42
26 55 53 11-0073	EA		100 Watt Metal Halide TFM Series Lithonia Flood Light.....	843.95	129.42
26 55 53 11-0074	EA		175 Watt Metal Halide TFM Series Lithonia Flood Light.....	842.11	129.42
26 55 53 11-0075			Compact Fluorescent TFM Series Lithonia Flood Lights <small>(26 55 53 11-0065)</small>		
26 55 53 11-0076	EA		42 Watt Compact Fluorescent TFM Series Lithonia Flood Light.....	877.91	129.42
26 55 53 11-0077			TFL (Medium Size) Series Lithonia Flood Lights <small>(26 55 53 11-0064)</small>		
Note: For recreation areas, parking lots, building facades and car lots. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.					
26 55 53 11-0078			High Pressure Sodium TFL Series Lithonia Flood Lights <small>(26 55 53 11-0077)</small>		
26 55 53 11-0079	EA		250 Watt High Pressure Sodium TFL Series Lithonia Flood Light.....	1,045.67	145.60

26	Electrical
26 50	Lighting
26 55	Special Purpose Lighting

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 55 53 11-0080	EA		400 Watt High Pressure Sodium TFL Series Lithonia Flood Light.....	1,067.08	145.60
26 55 53 11-0081			Metal Halide TFL Series Lithonia Flood Lights (26 55 53 11-0077)		
26 55 53 11-0082	EA		175 Watt Metal Halide TFL Series Lithonia Flood Light.....	997.55	145.60
26 55 53 11-0083	EA		250 Watt Metal Halide TFL Series Lithonia Flood Light.....	997.55	145.60
26 55 53 11-0084	EA		400 Watt Metal Halide TFL Series Lithonia Flood Light.....	1,031.13	145.60
26 55 53 11-0085			TFR (Low Profile) Series Lithonia Flood Lights (26 55 53 11-0064)		
			Note: For recreation areas, parking lots, building facades and car lots. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0086			High Pressure Sodium TFR Lithonia Flood Lights (26 55 53 11-0085)		
26 55 53 11-0087	EA		150 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light.....	1,002.65	129.42
26 55 53 11-0088	EA		250 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light.....	1,034.69	129.42
26 55 53 11-0089	EA		400 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light.....	1,061.46	129.42
26 55 53 11-0090			Metal Halide TFR Lithonia Flood Lights (26 55 53 11-0085)		
26 55 53 11-0091	EA		250 Watt Metal Halide TFR Series Lithonia Flood Light.....	991.93	129.42
26 55 53 11-0092	EA		400 Watt Metal Halide TFR Series Lithonia Flood Light.....	1,024.01	129.42
26 55 53 11-0093			TFA (Large Size) Series Lithonia Flood Lights (26 55 53 11-0064)		
			Note: For industrial yards, parking lots, construction sites, streets and recreational areas. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0094			High Pressure Sodium TFA Series Lithonia Flood Lights (26 55 53 11-0093)		
26 55 53 11-0095	EA		1,000 Watt High Pressure Sodium TFA Series Lithonia Flood Light.....	1,955.33	161.77
26 55 53 11-0096			Metal Halide TFA Series Lithonia Flood Lights (26 55 53 11-0093)		
26 55 53 11-0097	EA		400 Watt Metal Halide TFA Series Lithonia Flood Light.....	1,500.56	161.77
26 55 53 11-0098	EA		1,000 Watt Metal Halide TFA Series Lithonia Flood Light.....	1,661.05	161.77
26 55 53 11-0099			Accessories For Contour Series Lithonia Flood Lights (26 55 53 11-0064)		
26 55 53 11-0100	EA		Wireguard For Contour Series Lithonia Flood Light.....	165.59	32.36
26 55 53 11-0101	EA		Vandal Guard For Contour Series Lithonia Flood Light.....	323.13	32.36
26 55 53 11-0102	EA		Upper Visor For Contour Series Lithonia Flood Light.....	135.86	32.36
26 55 53 11-0103	EA		Full Visor For Contour Series Lithonia Flood Light.....	184.00	32.36
26 55 53 11-0104	EA		Pipe Wall Mounting Bracket For Contour Series Lithonia Flood Light.....	408.10	97.07
26 55 53 11-0105	EA		Radius Wall Bracket For Contour Series Lithonia Flood Light.....	322.92	97.07
26 55 53 11-0106	EA		Steel Angle Bracket For Contour Series Lithonia Flood Light.....	322.92	97.07
26 55 53 11-0107	EA		U Bolt Wall Bracket For Contour Series Lithonia Flood Light, Mounts To 2" Pipe.....	356.89	97.07
26 55 53 11-0108	EA		Crossarm Adapter For Horizontal Mounted Contour Lithonia Series Flood Light.....	158.27	32.36
26 55 53 11-0109	EA		120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Contour Lithonia Series Flood Light.....	125.63	32.36
26 55 53 11-0110			Eaton Flood Lights (26 55 53 11)		
26 55 53 11-0111	EA		6" x 6", 16,932 Lumens, 128 Watt, LED Flood Light (Eaton NFFLD-C40-D-UNV-66-T-CB).....	1,071.45	129.42
			For NEMA Photocontrol Option (Eaton OA/RA1016), Add	57.34	
			For >50 To 100, Deduct	-33.26	
			For >100 To 250, Deduct	-60.04	
			For >250 To 500, Deduct	-107.15	
			For >500, Deduct	-154.25	
26 55 53 11-0112	EA		16,900 Lumens, 128 Watt, NEMA 6H x 6V Wide, Trunnion Mount, 4000K CCT, Night Falcon LED Flood Light With Multi-Tap (Cooper Industries NFFLD-C40-D-UNV-66-T-CB-PER7+OA/RA1016).....	1,332.71	142.00
			For >50 To 100, Deduct	-40.42	
			For >100 To 250, Deduct	-73.74	
			For >250 To 500, Deduct	-133.27	
			For >500, Deduct	-192.81	
26 55 53 11-0113			Ruud Flood Lights (26 55 53 11)		
26 55 53 11-0114			NS (Micro) Series Ruud Flood Lights (26 55 53 11-0113)		
			Note: Provides conventional floodlighting, 1/2" threaded mounting knuckle.		
26 55 53 11-0115			High Pressure Sodium NS Series Ruud Flood Lights (26 55 53 11-0114)		
26 55 53 11-0116	EA		35 Watt High Pressure Sodium NS Series Ruud Flood Light.....	445.39	97.07
26 55 53 11-0117	EA		50 Watt High Pressure Sodium NS Series Ruud Flood Light.....	445.39	97.07
26 55 53 11-0118	EA		70 Watt High Pressure Sodium NS Series Ruud Flood Light.....	445.39	97.07
26 55 53 11-0119	EA		100 Watt High Pressure Sodium NS Series Ruud Flood Light.....	445.39	97.07
26 55 53 11-0120	EA		150 Watt High Pressure Sodium NS Series Ruud Flood Light.....	445.39	97.07
26 55 53 11-0121			Metal Halide NS Series Ruud Flood Lights (26 55 53 11-0114)		
26 55 53 11-0122	EA		50 Watt Metal Halide NS Series Ruud Flood Light.....	507.64	97.07
26 55 53 11-0123	EA		70 Watt Metal Halide NS Series Ruud Flood Light.....	507.64	97.07
26 55 53 11-0124	EA		100 Watt Metal Halide NS Series Ruud Flood Light.....	507.64	97.07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 55 53 11-0125		Compact Fluorescent NS Series Ruud Flood Lights <small>(26 55 53 11-0114)</small>			
26 55 53 11-0126	EA	13 Watt Compact Fluorescent NS Series Ruud Flood Light.....	380.90		97.07
26 55 53 11-0127	EA	26 Watt Compact Fluorescent NS Series Ruud Flood Light.....	396.47		97.07
26 55 53 11-0128	EA	32 Watt Compact Fluorescent NS Series Ruud Flood Light.....	400.92		97.07
26 55 53 11-0129	EA	42 Watt Compact Fluorescent NS Series Ruud Flood Light.....	405.36		97.07
26 55 53 11-0130		NSF/NSW/NSC (Standard, Wide And Cutoff Micro) Series Ruud Flood Lights <small>(26 55 53 11-0113)</small>			
		Note: The NSF is suited for large open areas and façade applications. The NSW is suited for roadway applications, parking areas or security. The NSC is designed for parking lot and outdoor sports areas. Yoke or slip fitter mounting.			
26 55 53 11-0131		High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Lights <small>(26 55 53 11-0130)</small>			
26 55 53 11-0132	EA	150 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light.....	686.97		145.60
26 55 53 11-0133	EA	250 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light.....	727.00		145.60
26 55 53 11-0134	EA	400 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light.....	749.23		145.60
26 55 53 11-0135		Metal Halide NSF/NSW/NSC Series Ruud Flood Lights <small>(26 55 53 11-0130)</small>			
26 55 53 11-0136	EA	175 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light.....	678.08		145.60
26 55 53 11-0137	EA	250 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light.....	682.53		145.60
26 55 53 11-0138	EA	400 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light.....	695.87		145.60
26 55 53 11-0139		Compact Fluorescent NSF/NSW/NSC Series Ruud Flood Lights <small>(26 55 53 11-0130)</small>			
26 55 53 11-0140	EA	70 Watt Compact Fluorescent NSF/NSW/NSC Series Ruud Flood Light.....	662.51		145.60
26 55 53 11-0141		FS (Square) Series Ruud Flood Lights <small>(26 55 53 11-0113)</small>			
		Note: For signs, large open areas and façade applications. Yoke or slip fitter mounting.			
26 55 53 11-0142		High Pressure Sodium FS Series Ruud Flood Lights <small>(26 55 53 11-0141)</small>			
26 55 53 11-0143	EA	250 Watt High Pressure Sodium FS Series Ruud Flood Light.....	804.82		145.60
26 55 53 11-0144	EA	400 Watt High Pressure Sodium FS Series Ruud Flood Light.....	809.27		145.60
26 55 53 11-0145	EA	1,000 Watt High Pressure Sodium FS Series Ruud Flood Light.....	1,379.71		161.77
26 55 53 11-0146		Metal Halide FS Series Ruud Flood Lights <small>(26 55 53 11-0141)</small>			
26 55 53 11-0147	EA	175 Watt Metal Halide FS Series Ruud Flood Light.....	804.82		145.60
26 55 53 11-0148	EA	250 Watt Metal Halide FS Series Ruud Flood Light.....	809.27		145.60
26 55 53 11-0149	EA	400 Watt Metal Halide FS Series Ruud Flood Light.....	822.61		145.60
26 55 53 11-0150	EA	1,000 Watt Metal Halide FS Series Ruud Flood Light.....	1,232.96		161.77
26 55 53 11-0151		MFS (Mini Square) Series Ruud Flood Lights <small>(26 55 53 11-0113)</small>			
		Note: For signs, large open areas and façade applications. Yoke or slip fitter mounting.			
26 55 53 11-0152		High Pressure Sodium MFS Series Ruud Flood Lights <small>(26 55 53 11-0151)</small>			
26 55 53 11-0153	EA	35 Watt High Pressure Sodium MFS Series Ruud Flood Light.....	630.16		129.42
26 55 53 11-0154	EA	50 Watt High Pressure Sodium MFS Series Ruud Flood Light.....	676.86		129.42
26 55 53 11-0155	EA	70 Watt High Pressure Sodium MFS Series Ruud Flood Light.....	676.86		129.42
26 55 53 11-0156	EA	100 Watt High Pressure Sodium MFS Series Ruud Flood Light.....	676.86		129.42
26 55 53 11-0157	EA	150 Watt High Pressure Sodium MFS Series Ruud Flood Light.....	676.86		129.42
26 55 53 11-0158		Metal Halide MFS Series Ruud Flood Lights <small>(26 55 53 11-0151)</small>			
26 55 53 11-0159	EA	50 Watt Metal Halide MFS Series Ruud Flood Light.....	692.42		129.42
26 55 53 11-0160	EA	70 Watt Metal Halide MFS Series Ruud Flood Light.....	692.42		129.42
26 55 53 11-0161	EA	100 Watt Metal Halide MFS Series Ruud Flood Light.....	692.42		129.42
26 55 53 11-0162	EA	175 Watt Metal Halide MFS Series Ruud Flood Light.....	667.96		129.42
26 55 53 11-0163		MCF/MPM/MPN (Mini Cutoff. Parabolic Medium And Narrow Mini Square) Series Ruud Flood Lights <small>(26 55 53 11-0113)</small>			
		Note: The MCF is suited for parking lots, volleyball courts and tennis courts. The MPM and MPN are suited for flagpoles, columns and narrow signs. Yoke or slip fitter mounting.			
26 55 53 11-0164		High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Lights <small>(26 55 53 11-0163)</small>			
26 55 53 11-0165	EA	35 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light.....	685.75		129.42
26 55 53 11-0166	EA	50 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light.....	732.45		129.42
26 55 53 11-0167	EA	70 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light.....	732.45		129.42
26 55 53 11-0168	EA	100 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light.....	732.45		129.42
26 55 53 11-0169	EA	150 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light.....	732.45		129.42
26 55 53 11-0170		Metal Halide MCF/MPM/MPN Series Ruud Flood Lights <small>(26 55 53 11-0163)</small>			
26 55 53 11-0171	EA	50 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light.....	748.01		129.42
26 55 53 11-0172	EA	70 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light.....	748.01		129.42
26 55 53 11-0173	EA	100 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light.....	748.01		129.42
26 55 53 11-0174	EA	175 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light.....	723.55		129.42

26	Electrical
26 50	Lighting
26 55	Special Purpose Lighting

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 55 53 11-0175			CF (Cutoff Square) Series Ruud Flood Lights (26 55 53 11-0113) Note: The CF is suited for parking lots, volleyball courts and tennis courts. Yoke or slip fitter mounting.		
26 55 53 11-0176			High Pressure Sodium CF Series Ruud Flood Lights (26 55 53 11-0175)		
26 55 53 11-0177	EA		250 Watt High Pressure Sodium CF Series Ruud Flood Light.....	909.32	145.60
26 55 53 11-0178	EA		400 Watt High Pressure Sodium CF Series Ruud Flood Light.....	931.56	145.60
26 55 53 11-0179	EA		1,000 Watt High Pressure Sodium CF Series Ruud Flood Light.....	1,435.30	161.77
26 55 53 11-0180			Metal Halide CF Series Ruud Flood Lights (26 55 53 11-0175)		
26 55 53 11-0181	EA		175 Watt Metal Halide CF Series Ruud Flood Light.....	860.41	145.60
26 55 53 11-0182	EA		250 Watt Metal Halide CF Series Ruud Flood Light.....	864.85	145.60
26 55 53 11-0183	EA		400 Watt Metal Halide CF Series Ruud Flood Light.....	878.19	145.60
26 55 53 11-0184	EA		1,000 Watt Metal Halide CF Series Ruud Flood Light.....	1,288.55	161.77
26 55 53 11-0185			CN (Narrow Beam Cutoff Square) Series Ruud Flood Lights (26 55 53 11-0113) Note: The CN is suited for large sports fields, building facades and signs. Yoke or slip fitter mounting.		
26 55 53 11-0186			High Pressure Sodium CN Series Ruud Flood Lights (26 55 53 11-0185)		
26 55 53 11-0187	EA		400 High Pressure Sodium CN Series Ruud Flood Light.....	1,177.37	161.77
26 55 53 11-0188	EA		1,000 High Pressure Sodium CN Series Ruud Flood Light.....	1,408.62	161.77
26 55 53 11-0189			Metal Halide CN Series Ruud Flood Lights (26 55 53 11-0185)		
26 55 53 11-0190	EA		400 Watt Metal Halide CN Series Ruud Flood Light.....	1,124.01	161.77
26 55 53 11-0191	EA		1,000 Watt Metal Halide CN Series Ruud Flood Light.....	1,261.87	161.77
26 55 53 11-0192			PM/PN (Parabolic Medium And Narrow Square) Series Ruud Flood Lights (26 55 53 11-0113) Note: The PM and PN are suited for flagpoles, columns and narrow signs. Yoke or slip fitter mounting.		
26 55 53 11-0193			High Pressure Sodium PM/PN Series Ruud Flood Lights (26 55 53 11-0192)		
26 55 53 11-0194	EA		250 Watt High Pressure Sodium PM/PN Series Ruud Flood Light.....	940.45	145.60
26 55 53 11-0195	EA		400 Watt High Pressure Sodium PM/PN Series Ruud Flood Light.....	962.69	145.60
26 55 53 11-0196			Metal Halide PM/PN Series Ruud Flood Lights (26 55 53 11-0192)		
26 55 53 11-0197	EA		175 Watt Metal Halide PM/PN Series Ruud Flood Light.....	891.53	145.60
26 55 53 11-0198	EA		250 Watt Metal Halide PM/PN Series Ruud Flood Light.....	895.98	145.60
26 55 53 11-0199	EA		400 Watt Metal Halide PM/PN Series Ruud Flood Light.....	909.32	145.60
26 55 53 11-0200	EA		1,000 Watt Metal Halide PM/PN Series Ruud Flood Light.....	1,319.68	161.77
26 55 53 11-0201			Accessories For Ruud Flood Lighting (26 55 53 11-0113)		
26 55 53 11-0202	EA		Wireguard For Ruud Flood Light.....	98.06	32.36
26 55 53 11-0203	EA		Deep Baffle (Full Visor) For Ruud Flood Light.....	158.10	32.36
26 55 53 11-0204	EA		Glare Guard (Upper Visor) For Ruud Flood Light.....	113.63	32.36
26 55 53 11-0205	EA		Vandal Shield For Ruud Flood Light.....	135.86	32.36
26 55 53 11-0206	EA		Pipe Mounting Bracket For Ruud Flood Light.....	269.73	97.07
26 55 53 11-0207	EA		120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Ruud Flood Light.....	84.72	32.36
26 55 53 11-0208			Lumark Flood Lights (26 55 53 11)		
26 55 53 11-0209			QZ Wedge Series Quartz Lumark Flood Lights (26 55 53 11-0208) Note: For small outdoor areas. Die-cast aluminum housing heat and weather resistant gaskets.		
26 55 53 11-0210	EA		500 Watt QZ Wedge Series Quartz Lumark Flood Light.....	239.60	97.07
26 55 53 11-0211			LQL Series Quartz Lumark Flood Lights (26 55 53 11-0208) Note: For medium size outdoor areas. Die-cast aluminum housing heat and weather resistant gaskets.		
26 55 53 11-0212	EA		1,500 Watt LQL Series Quartz Lumark Flood Light.....	305.19	97.07
26 55 53 11-0213			Kim Lighting (26 55 53 11)		
26 55 53 11-0214			MicroFlood® Series Kim Lighting Flood Lights (26 55 53 11-0213) Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and gasketed and tempered lens. 1/2" threaded mounting knuckle.		
26 55 53 11-0215			LED MicroFlood® Series Kim Lighting Flood Lights (26 55 53 11-0214)		
26 55 53 11-0216	EA		5 Watt, LED MicroFlood® Series Kim Lighting Flood Light.....	517.92	40.06
			For >50 To 100, Deduct	-14.95	
			For >100 To 250, Deduct	-27.90	
			For >250 To 500, Deduct	-51.79	
			For >500, Deduct	-75.68	
26 55 53 11-0217	EA		15 Watt, LED MicroFlood® Series Kim Lighting Flood Light.....	641.32	40.06
			For >50 To 100, Deduct	-18.04	
			For >100 To 250, Deduct	-34.07	
			For >250 To 500, Deduct	-64.13	
			For >500, Deduct	-94.19	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 55 53 11-0218		Scarab® Series Kim Lighting Flood Lights <small>(26 55 53 11-0218)</small> Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and gasketed and tempered lens. 1/2" threaded mounting knuckle.		
26 55 53 11-0219		LED Scarab® Series Kim Lighting Accent Flood Lights <small>(26 55 53 11-0218)</small> Note: Spot or narrow style accent flood lights.		
26 55 53 11-0220	EA	6 Watt, LED Scarab® Series Kim Lighting Accent Flood Light.....	792.93	40.06
		<i>For >50 To 100, Deduct</i>	-21.83	
		<i>For >100 To 250, Deduct</i>	-41.65	
		<i>For >250 To 500, Deduct</i>	-79.29	
		<i>For >500, Deduct</i>	-116.94	
26 55 53 11-0221		CREE® BetaLED® Flood Lights <small>(26 55 53 11)</small>		
26 55 53 11-0222		Yoke Mount, Square, LED Flood Lights (CREE® BetaLED® FLD-304) <small>(26 55 53 11-0221)</small> Note: UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 55 53 11-0223	EA	40 LEDs, 47 Watt, Yoke Mount, Square, LED Flood Light (CREE® BetaLED® FLD-304).....	1,135.01	116.19
		<i>For >50 To 100, Deduct</i>	-34.18	
		<i>For >100 To 250, Deduct</i>	-62.56	
		<i>For >250 To 500, Deduct</i>	-113.50	
		<i>For >500, Deduct</i>	-164.44	
26 55 53 11-0224	EA	60 LEDs, 68 Watt, Yoke Mount, Square, LED Flood Light (CREE® BetaLED® FLD-304).....	1,243.45	122.64
		<i>For >50 To 100, Deduct</i>	-37.22	
		<i>For >100 To 250, Deduct</i>	-68.30	
		<i>For >250 To 500, Deduct</i>	-124.35	
		<i>For >500, Deduct</i>	-180.39	
26 55 53 11-0225		Adjustable Arm Mount, Rectangular, LED Flood Lights (CREE® BetaLED® Edge® FLD-EDG) <small>(26 55 53 11-0221)</small> Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 55 53 11-0226	EA	20 LEDs, 26 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	985.38	109.73
		<i>For 480 Volt, Add</i>	103.70	
		<i>For >50 To 100, Deduct</i>	-30.12	
		<i>For >100 To 250, Deduct</i>	-54.76	
		<i>For >250 To 500, Deduct</i>	-98.54	
		<i>For >500, Deduct</i>	-142.32	
26 55 53 11-0227	EA	40 LEDs, 47 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	1,240.43	116.19
		<i>For 480 Volt, Add</i>	103.70	
		<i>For >50 To 100, Deduct</i>	-36.82	
		<i>For >100 To 250, Deduct</i>	-67.83	
		<i>For >250 To 500, Deduct</i>	-124.04	
		<i>For >500, Deduct</i>	-180.26	
26 55 53 11-0228	EA	60 LEDs, 68 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	1,495.47	122.64
		<i>For 480 Volt, Add</i>	103.70	
		<i>For >50 To 100, Deduct</i>	-43.52	
		<i>For >100 To 250, Deduct</i>	-80.91	
		<i>For >250 To 500, Deduct</i>	-149.55	
		<i>For >500, Deduct</i>	-218.19	
26 55 53 11-0229	EA	80 LEDs, 90 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	1,847.68	129.10
		<i>For 480 Volt, Add</i>	103.70	
		<i>For >50 To 100, Deduct</i>	-52.65	
		<i>For >100 To 250, Deduct</i>	-98.84	
		<i>For >250 To 500, Deduct</i>	-184.77	
		<i>For >500, Deduct</i>	-270.70	
26 55 53 11-0230	EA	100 LEDs, 111 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	2,102.72	135.56
		<i>For 480 Volt, Add</i>	103.70	
		<i>For >50 To 100, Deduct</i>	-59.35	
		<i>For >100 To 250, Deduct</i>	-111.91	
		<i>For >250 To 500, Deduct</i>	-210.27	
		<i>For >500, Deduct</i>	-308.63	
26 55 53 11-0231	EA	120 LEDs, 132 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	2,357.76	142.00
		<i>For 480 Volt, Add</i>	103.70	
		<i>For >50 To 100, Deduct</i>	-66.04	
		<i>For >100 To 250, Deduct</i>	-124.99	
		<i>For >250 To 500, Deduct</i>	-235.78	
		<i>For >500, Deduct</i>	-346.56	
26 55 53 11-0232	EA	140 LEDs, 157 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	2,690.21	148.46
		<i>For 480 Volt, Add</i>	103.70	
		<i>For >50 To 100, Deduct</i>	-74.68	
		<i>For >100 To 250, Deduct</i>	-141.93	
		<i>For >250 To 500, Deduct</i>	-269.02	
		<i>For >500, Deduct</i>	-396.11	
26 55 53 11-0233	EA	160 LEDs, 179 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	2,945.25	154.92
		<i>For 480 Volt, Add</i>	103.70	
		<i>For >50 To 100, Deduct</i>	-81.38	
		<i>For >100 To 250, Deduct</i>	-155.01	
		<i>For >250 To 500, Deduct</i>	-294.53	
		<i>For >500, Deduct</i>	-434.04	

MINOR	CSI	UOM	DESCRIPTION
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TOTAL DIRECT	DEMOLITION
UNIT COST	UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0234			Adjustable Arm Mount, Rectangular, High Output, LED Flood Lights (CREE® BetaLED® Edge® FLD-EHO) <small>(26 55 53 11-0221)</small> Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 700mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 55 53 11-0235	EA		120 LEDs, 267 Watt, Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® Edge® FLD-EHO).....	2,260.58	142.00
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	19.42	
			<i>For Bird Spikes, Add</i>	44.80	
			<i>For 5,000K Color Temperature, Add</i>	48.57	
			<i>For Fuse, Add</i>	58.28	
			<i>For 0 To 10 Volt Dimming, Add</i>	58.28	
			<i>For 480 Volt, Add</i>	87.42	
			<i>For Multi-Level, Add</i>	126.26	
			<i>For 1,000mA Driver, Add</i>	163.18	
			<i>For >50 To 100, Deduct</i>	-63.62	
			<i>For >100 To 250, Deduct</i>	-120.13	
			<i>For >250 To 500, Deduct</i>	-226.06	
			<i>For >500, Deduct</i>	-331.99	
26 55 53 11-0236	EA		240 LEDs, 533 Watt, Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® Edge® FLD-EHO).....	3,834.57	174.29
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	19.42	
			<i>For 5,000K Color Temperature, Add</i>	48.57	
			<i>For Fuse, Add</i>	58.28	
			<i>For 0 To 10 Volt Dimming, Add</i>	58.28	
			<i>For Bird Spikes, Add</i>	66.40	
			<i>For Multi-Level, Add</i>	126.26	
			<i>For 1,000mA Driver, Add</i>	163.18	
			<i>For 480 Volt, Add</i>	174.83	
			<i>For >50 To 100, Deduct</i>	-104.58	
			<i>For >100 To 250, Deduct</i>	-200.44	
			<i>For >250 To 500, Deduct</i>	-383.46	
			<i>For >500, Deduct</i>	-566.47	
26 55 53 11-0237			Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Lights (CREE® BetaLED® OSQ™) <small>(26 55 53 11-0221)</small> Note: UL wet listed. Includes 3,000K or 4,000K or 5,700K color temperature, 120/277 voltage, Class 1 driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 55 53 11-0238	EA		112 Watt, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-A-XXX-US-UL).....	1,324.32	142.00
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	19.42	
			<i>For Front Facing Optics, Back Light Shield, Add</i>	34.59	
			<i>For Rotated Optics, Back Light Shield, Add</i>	34.59	
			<i>For Field Adjustable Output, Add</i>	29.15	
			<i>For Fuse, Add</i>	58.28	
			<i>For 0 To 10 Volt Dimming, Add</i>	58.28	
			<i>For Multi-Level, Add</i>	126.26	
			<i>For >50 To 100, Deduct</i>	-40.21	
			<i>For >100 To 250, Deduct</i>	-73.32	
			<i>For >250 To 500, Deduct</i>	-132.43	
			<i>For >500, Deduct</i>	-191.55	
26 55 53 11-0239	EA		168 Watt, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-J-XXX-US-UL).....	1,416.11	142.00
			Note: Type III, IV or V medium optics only.		
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	19.42	
			<i>For Front Facing Optics, Back Light Shield, Add</i>	34.59	
			<i>For Rotated Optics, Back Light Shield, Add</i>	34.59	
			<i>For Field Adjustable Output, Add</i>	29.15	
			<i>For Fuse, Add</i>	58.28	
			<i>For 0 To 10 Volt Dimming, Add</i>	58.28	
			<i>For Type II Medium Or Type V Short Optics, Add</i>	399.80	
			<i>For Multi-Level, Add</i>	126.26	
			<i>For >50 To 100, Deduct</i>	-42.50	
			<i>For >100 To 250, Deduct</i>	-77.91	
			<i>For >250 To 500, Deduct</i>	-141.61	
			<i>For >500, Deduct</i>	-205.32	
26 55 53 11-0240	EA		223 Watt, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-S-XXX-US-UL).....	1,817.21	174.29
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	19.42	
			<i>For Field Adjustable Output, Add</i>	29.15	
			<i>For Front Facing Optics, Back Light Shield, Add</i>	41.91	
			<i>For Rotated Optics, Back Light Shield, Add</i>	41.91	
			<i>For Fuse, Add</i>	58.28	
			<i>For 0 To 10 Volt Dimming, Add</i>	58.28	
			<i>For Multi-Level, Add</i>	126.26	
			<i>For >50 To 100, Deduct</i>	-54.14	
			<i>For >100 To 250, Deduct</i>	-99.57	
			<i>For >250 To 500, Deduct</i>	-181.72	
			<i>For >500, Deduct</i>	-263.87	
26 55 53 11-0241			PlanLED Flood Lights <small>(26 55 53 11)</small>		
26 55 53 11-0242			Adjustable Arm Mount, LED Flood Lights (PlanLED WAPA) <small>(26 55 53 11-0241)</small>		
26 55 53 11-0243	EA		6,250 Lumens, 50 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP050).....	630.76	116.19
			<i>For >50 To 100, Deduct</i>	-21.58	
			<i>For >100 To 250, Deduct</i>	-37.35	
			<i>For >250 To 500, Deduct</i>	-63.08	
			<i>For >500, Deduct</i>	-88.80	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0244	EA		9,375 Lumens, 75 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP075).....	756.04	122.64
			<i>For >50 To 100, Deduct</i>	-25.03	
			<i>For >100 To 250, Deduct</i>	-43.93	
			<i>For >250 To 500, Deduct</i>	-75.60	
			<i>For >500, Deduct</i>	-107.27	
26 55 53 11-0245	EA		12,500 Lumens, 100 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP100).....	873.46	132.32
			<i>For >50 To 100, Deduct</i>	-28.45	
			<i>For >100 To 250, Deduct</i>	-50.29	
			<i>For >250 To 500, Deduct</i>	-87.35	
			<i>For >500, Deduct</i>	-124.40	
26 55 53 11-0246			Adjustable Arm Mount, LED Sports Flood Lights (PlanLED SUFA)^(26 55 53 11-0241)		
26 55 53 11-0247	EA		21,000 Lumens, 200 Watt, LED Sports Flood Light (PlanLED SUFA SF200).....	1,772.83	258.19
			<i>For 0 To 10 Volt Dimming, Add</i>	88.26	
			<i>For >50 To 100, Deduct</i>	-57.23	
			<i>For >100 To 250, Deduct</i>	-101.55	
			<i>For >250 To 500, Deduct</i>	-177.28	
			<i>For >500, Deduct</i>	-253.01	
26 55 53 11-0248	EA		42,000 Lumens, 400 Watt, LED Sports Flood Light (PlanLED SUFA SF400).....	2,763.67	258.19
			<i>For 0 To 10 Volt Dimming, Add</i>	88.26	
			<i>For >50 To 100, Deduct</i>	-82.00	
			<i>For >100 To 250, Deduct</i>	-151.09	
			<i>For >250 To 500, Deduct</i>	-276.37	
			<i>For >500, Deduct</i>	-401.64	
26 55 53 11-0249	EA		84,000 Lumens, 800 Watt, LED Sports Flood Light (PlanLED SUFA SF800).....	4,896.55	258.19
			<i>For 0 To 10 Volt Dimming, Add</i>	88.26	
			<i>For >50 To 100, Deduct</i>	-135.32	
			<i>For >100 To 250, Deduct</i>	-257.74	
			<i>For >250 To 500, Deduct</i>	-489.66	
			<i>For >500, Deduct</i>	-721.57	
26 55 53 11-0250			Adjustable Arm Mount, LED High Mast Flood Lights (PlanLED MAHA)^(26 55 53 11-0241)		
26 55 53 11-0251	EA		26,000 Lumens, 200 Watt, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA200).....	1,575.74	167.83
			<i>For 0 To 10 Volt Dimming, Add</i>	88.26	
			<i>For 480 Volt, Add</i>	132.79	
			<i>For >50 To 100, Deduct</i>	-47.78	
			<i>For >100 To 250, Deduct</i>	-87.18	
			<i>For >250 To 500, Deduct</i>	-157.57	
			<i>For >500, Deduct</i>	-227.97	
26 55 53 11-0252	EA		39,000 Lumens, 300 Watt, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA300).....	2,021.76	174.29
			<i>For 0 To 10 Volt Dimming, Add</i>	88.26	
			<i>For 480 Volt, Add</i>	107.26	
			<i>For >50 To 100, Deduct</i>	-59.26	
			<i>For >100 To 250, Deduct</i>	-109.80	
			<i>For >250 To 500, Deduct</i>	-202.18	
			<i>For >500, Deduct</i>	-294.55	
26 55 53 11-0253	EA		52,000 Lumens, 400 Watt, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA400).....	2,584.25	180.73
			<i>For 0 To 10 Volt Dimming, Add</i>	88.26	
			<i>For 480 Volt, Add</i>	86.97	
			<i>For >50 To 100, Deduct</i>	-73.64	
			<i>For >100 To 250, Deduct</i>	-138.25	
			<i>For >250 To 500, Deduct</i>	-258.43	
			<i>For >500, Deduct</i>	-378.60	
26 55 53 12			Security Hazardous Location Flood Lights^(26 55 53)		
			Note: For general to heavy industrial applications in marine and corrosive environments. Class 1 Division 2.		
26 55 53 12-0001			Lithonia Hazardous Location Flood Lights^(26 55 53 12)		
26 55 53 12-0002			HFR (Horizontally Oriented Mogul Base) Series Hazardous Location Flood Lights^(26 55 53 12-0001)		
			Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
26 55 53 12-0003			High Pressure Sodium HFR Series Hazardous Location Flood Lights^(26 55 53 12-0002)		
26 55 53 12-0004	EA		150 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	993.28	129.42
26 55 53 12-0005	EA		250 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	1,062.21	129.42
26 55 53 12-0006	EA		400 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	995.51	129.42
26 55 53 12-0007			Metal Halide HFR Series Lithonia Hazardous Location Flood Lights^(26 55 53 12-0002)		
26 55 53 12-0008	EA		250 Watt Metal Halide HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	1,054.85	129.42
26 55 53 12-0009	EA		400 Watt Metal Halide HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	1,022.19	129.42
26 55 53 12-0010			HFM (Medium Base) Series Hazardous Location Flood Lights^(26 55 53 12-0001)		
			Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
26 55 53 12-0011			High Pressure Sodium HFM Series Lithonia Hazardous Location Flood Lights^(26 55 53 12-0010)		
26 55 53 12-0012	EA		100 Watt High Pressure Sodium HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	945.90	129.42

26 Electrical
26 50 Lighting
26 55 Special Purpose Lighting

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 55 53 12-0013	EA	150 Watt High Pressure Sodium HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	987.04		129.42
26 55 53 12-0014		Metal Halide HFM Series Lithonia Hazardous Location Flood Lights (26 55 53 12-0010)			
26 55 53 12-0015	EA	175 Watt Metal Halide HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	834.73		129.42
26 55 53 12-0016		HFA (Large) Series Hazardous Location Flood Lights (26 55 53 12-0001)			
Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.					
26 55 53 12-0017		High Pressure Sodium HFA Series Lithonia Hazardous Location Flood Lights (26 55 53 12-0016)			
26 55 53 12-0018	EA	250 Watt High Pressure Sodium HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,339.69		161.77
26 55 53 12-0019	EA	400 Watt High Pressure Sodium HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,359.70		161.77
26 55 53 12-0020		Metal Halide HFA Series Lithonia Hazardous Location Flood Lights (26 55 53 12-0016)			
26 55 53 12-0021	EA	250 Watt Metal Halide HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,333.02		161.77
26 55 53 12-0022	EA	400 Watt Metal Halide HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,359.70		161.77
26 55 53 12-0023		HFL (Medium) Series Hazardous Location Flood Lights (26 55 53 12-0001)			
Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.					
26 55 53 12-0024		High Pressure Sodium HFL Series Lithonia Hazardous Location Flood Lights (26 55 53 12-0023)			
26 55 53 12-0025	EA	400 Watt High Pressure Sodium HFL Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	991.59		145.60
26 55 53 12-0026		Metal Halide HFL Series Lithonia Hazardous Location Flood Lights (26 55 53 12-0023)			
26 55 53 12-0027	EA	400 Watt Metal Halide HFL Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	1,069.41		145.60
26 55 53 12-0028		Accessories For Lithonia Hazardous Location Flood Lights (26 55 53 12-0001)			
See CSI section 26 55 53 11-0099 for accessories.					
26 55 53 13		Security High Performance Flood Lights (26 55 53)			
Note: For airport aprons and parking areas.					
26 55 53 13-0001		Lithonia High Performance Flood Lights (26 55 53 13)			
26 55 53 13-0002		170S Series Lithonia High Performance Flood Lights (26 55 53 13-0001)			
Note: Die-cast aluminum housing welded seams, stainless steel hardware, corrosion resistant polyester powder finish, and thermal and shock resistant flat lens.					
26 55 53 13-0003		High Pressure Sodium 170S Series Lithonia High Performance Flood Lights (26 55 53 13-0002)			
26 55 53 13-0004	EA	250 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	2,320.48		194.13
26 55 53 13-0005	EA	400 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	2,502.81		194.13
26 55 53 13-0006	EA	750 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	2,511.70		194.13
26 55 53 13-0007	EA	1,000 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	2,789.64		194.13
26 55 53 13-0008		Metal Halide 170S Series Lithonia High Performance Flood Lights (26 55 53 13-0002)			
26 55 53 13-0009	EA	320 Watt Metal Halide 170S Series Lithonia High Performance Flood Light.....	2,674.02		194.13
26 55 53 13-0010	EA	350 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	2,550.72		194.13
26 55 53 13-0011	EA	400 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	2,433.88		194.13
26 55 53 13-0012	EA	1,000 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	2,549.50		194.13
26 55 53 13-0013		Accessories For Lithonia High Performance Flood Lights (26 55 53 13-0002)			
See CSI section 26 55 53 11-0099 for accessories.					
26 55 61		Theatrical Lighting (26 55)			
26 55 61 00-0001		Stage Lighting (26 55 61)			
26 55 61 00-0002	EA	Ellipsoidal Spotlight, Two 6" x 9" Lenses	615.33		138.83
Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20 amperes, 3 watts ground, male pin connector and high performance lamp.					
26 55 61 00-0003	EA	Ellipsoidal Spotlight, Two 6" x 12" Lenses	615.33		138.83
Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20 amperes, 3 watts ground, male pin connector and high performance lamp.					
26 55 61 00-0004	EA	Ellipsoidal Spotlight, Two 6" x 16" Lenses	615.33		138.83
Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20 amperes, 3 watts ground, male pin connector and high performance lamp.					
26 55 61 00-0005	EA	14" Scoop Floodlight Altman #SC14.....	635.33		138.83
26 55 61 00-0006	EA	6" Diameter Fresnel Spotlight, Spherical Specular Alzak1	499.99		138.83
Note: Reflector, heat resistant fresnel lens, slidefocus flood to spot, complete with yoke, c-clamp, safety cable, color frame, male pin connector and lamp.					
26 55 61 00-0007	EA	8" Diameter Fresnel Spotlight, Spherical Specular Alzak	822.91		138.83
Note: Reflector, heat resistant fresnel lens, slidefocus flood to spot, complete with yoke, C-clamp, safety cable, color frame, male pin connector and lamp.					
26 55 61 00-0008	EA	Follow Spotlight With Steel Chassis And Lightweight	2,168.00		138.83
Note: Aluminum housing, includes lamp adjustment plate, silent lamp fan, dowser, iris and clipper, rear lens control, coated lenses, six color boomerang, color fan, 34" x 34" castered stand.					

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 55 61 00-0009	EA			Follow Spotlight With Steel Chassis And Lightweight Note: Aluminum housing, includes lamp adjustment plate, ballast, electronic power supply, stepdown transformer, silent lamp fan, dowsler, iris and clipper, rear lens control, coated lenses, six color boomerang, color fan, 34" x 34" castered stand.	2,613.37	138.83
26 55 61 00-0010	EA			300 To 1000 Watt, PAR 64 Can Lighting With 20 Gauge Sheet Steel..... Note: Formed lamp housing, hinged and latched rear housing secured by retention ring, safety cable, safety screen, PAR 64 lamp, male pin connector.	455.17	138.83
26 55 61 00-0011	EA			6' Length, Multi-Lamp Compartmented Striplighting Luminaire Note: With continuous sheet steel housing, supported by 1-1/2" x 3/16" steel yoke with C-clamp, includes 30 lights per section wired on 3 circuits, alzak aluminum reflector with matte finish.	1,649.90	138.83
26 55 61 00-0012	EA			1,000 Watt, 25 To 125' Throw, Follow Spotlight (Times Square Lighting QF1000S).....	2,807.39	138.83

26 55 70 Healthcare Lighting (26 55)
26 55 70 00-0001 Surgical Lighting Fixtures (26 55 70)

26 55 70 00-0002	EA			Surgical Lighting Fixture, 120 Volt, Max Va 126, 100 Volt Halogen.....	5,672.12	
26 55 70 00-0003	EA			Install Owner Furnished Surgical Lights	670.14	

26 55 70 00-0004 Patient Care Fluorescent Fixtures (26 55 70)
26 55 70 00-0005 Ambient And Exam Combination, Patient Care Fluorescent Fixtures

(Cooper Fail-Safe) (26 55 70 00-0004)						
Note: Includes ambient and exam lights, 20 gauge steel housing with powder coated finish, acrylic diffuser and electronic ballast.						
26 55 70 00-0006	EA			2' x 2', 3 T8 Ambient Lamps, 2 T8 Exam Lamps, Multi-Function Patient Care Fluorescent Troffer (Cooper MAE)	1,406.86	52.56
26 55 70 00-0007	EA			2' x 4', 3 T8 Ambient Lamps, 2 T8 Exam Lamps, Multi-Function Patient Care Fluorescent Troffer (Cooper MAE)	3,291.48	52.56
26 55 70 00-0008	EA			2' x 4', 2 Biax Ambient Lamps, 4 Biax Exam Lamps, Multi-Function Patient Care Fluorescent Troffer (Cooper MPR2)	1,262.50	52.56

26 55 70 00-0009 Reading, Ambient And Exam Combination, Patient Care Fluorescent

Fixtures (Cooper Fail-Safe) (26 55 70 00-0004)						
Note: Includes reading, ambient and exam lights, 20 gauge steel housing with powder coated finish, acrylic diffuser and electronic ballast.						
26 55 70 00-0010	EA			2' x 4', 1 Biax Reading Lamp, 2 Biax Ambient Lamps, 3 Biax Exam Lamps, Multi-Function Patient Care Fluorescent Troffer (Cooper MPR)	1,395.79	52.56

26 55 70 00-0011 Multi-Function Patient Care Fluorescent Fixtures (Day-Brite MPC) (26 55 70 00-0004)

Note: Includes reading, ambient, exam and nurses light, steel housing with baked enamel finish, acrylic diffuser and electronic ballasts.						
26 55 70 00-0012	EA			2' x 4', 6 40W T5 Lamps, Multi-Function Patient Care Fluorescent Fixture (Day-Brite MPC)	2,120.39	52.56

26 55 70 00-0013 Exam And Surgical Lighting Fixtures (26 55 70)

26 55 70 00-0014	EA			Dual Intensity, K-arm, Ceiling Mounted, Exam Light (Burton PHL-NXC)	865.51	57.13
26 55 70 00-0015	EA			Ceiling Mounted, Spot Exam Light (Sunnex SNX-HM2017-44EXT)	1,496.39	57.13
26 55 70 00-0016	EA			Ceiling Mounted, LED Exam Light (Bovie BOV-XLDP-SC)	3,291.18	57.13
26 55 70 00-0017	EA			Two LED Series, Ceiling Mounted, Surgical Light With Monitor And Monitor Arm (Bovie BOV-XLDS-S2MA)	15,952.75	76.22
26 55 70 00-0018	EA			Two LED Series, Triple Ceiling Mounted, Surgical Light With Monitor And Monitor Arm (Bovie BOV-XLDS-S23MA)	23,049.00	114.27
26 55 70 00-0019	EA			Double Ceiling Mounted, Dual Spot Exam Lights (Burton PHL-CS316DC)	5,349.38	76.22
26 55 70 00-0020	EA			Double Ceiling Mounted, Dual Y Shape Lamp Heads (Burton PHL-A50DC)	5,744.73	76.22
26 55 70 00-0021	EA			Double Ceiling Mounted, Halogen Bulbs (Burton PHL-OP216DC)	4,854.14	76.22
26 55 70 00-0022	EA			360 Degree Rotation, 120 Volt, Double Ceiling Mounted, Surgical Light (Burton PHL-A100DC)	6,787.62	114.27
26 55 70 00-0023	EA			Double Ceiling Mounted, Spot Examination Lights (Burton PHL-CS316DT)	7,450.76	76.22
26 55 70 00-0024	EA			Double Ceiling Mounted, Y Shaped Examination Light (Burton PHL-OP216DT)	7,029.79	76.22
26 55 70 00-0025	EA			Double Ceiling Mounted, Examination/Spot Combination Light (Burton PHL-OC516CC)	5,113.15	91.41
26 55 70 00-0026	EA			Double Ceiling Mounted, LED Procedure Light (Bovie BOV-XLDP-DC)	6,770.91	76.22
26 55 70 00-0027	EA			Double Ceiling Mounted, LED Examination Light (Burton PHL-ALEDDC)	6,195.89	114.27
26 55 70 00-0028	EA			Two Monitor Arm, Ceiling Mounted, Exam Light (Bovie BOV-XLDS-MA)	7,067.74	76.22
26 55 70 00-0029	EA			360 Degree Rotation, 120 Volt, Single Ceiling Mounted Surgical Light (Burton PHL-A100SC)	3,797.92	65.24
26 55 70 00-0030	EA			360 Degree Rotation, Autoclavable Handle, Ceiling Mounted Surgical Light (Burton PHL-APXSC8)	11,190.69	65.24
26 55 70 00-0031	EA			Ceiling Mounted Surgical Light (Burton PHL-A200SC)	5,557.74	65.24
26 55 70 00-0032	EA			MRI Compatible, Ceiling Mounted Surgical Light (Sunnex SNX-CS2050C-MRI)	5,521.64	65.24
26 55 70 00-0033	EA			Ceiling Mounted LED Surgical Light (Bovie BOV-XLD-SC)	4,260.75	65.24
26 55 70 00-0034	EA			Ceiling Mounted LED Surgical Light With Battery Pack (Bovie BOV-XLD-SCB)	6,341.15	65.24
26 55 70 00-0035	EA			Ceiling Mounted Two LED Series Surgical Light (Bovie BOV-XLDS-S2)	9,822.72	65.24
26 55 70 00-0036	EA			Dual Ceiling Mounted LED Series Surgical Light And HD Video Camera Arm (Bovie BOV-XLDS-S2VC)	17,864.83	65.24
26 55 70 00-0037	EA			Medical Illumination, Single Trolley Shuttle Track, Ceiling Mounted Surgical Light (Medical Illumination MII-64011)	2,546.46	65.24
26 55 70 00-0038	EA			Double Ceiling Mounted, Surgical Light (Burton PHL-A200DC)	9,976.82	114.27
26 55 70 00-0039	EA			Double Ceiling Mounted, Surgical Light (Burton PHL-APXDC8)	21,796.04	114.27
26 55 70 00-0040	EA			Double Ceiling Mounted, LED Surgical Light (Bovie BOV-XLD-DC)	8,131.60	114.27
26 55 70 00-0041	EA			Double Ceiling Mounted, Autoclavable Handle, LED Surgical Light (Sunnex SNX-CSLED-D)	5,899.29	114.27
26 55 70 00-0042	EA			Triple Ceiling Mounted, LED Series Surgical Light (Bovie BOV-XLDS-S23)	25,621.83	130.61
26 55 70 00-0043	EA			Triple Ceiling Mounted, LED Series Surgical Light And Monitor Arm (Bovie BOV-XLDS-S23MA)	23,114.24	130.61

26 56 Exterior Lighting (26 50)
26 56 13 Lighting Poles and Standards (26 56)

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 56 13 00-0001	Poles And Standards <small>(26 56 13)</small> See CSI section 26 05 46 00-0000 for additional poles, 26 05 46 00-0001 for additional pole.		
26 56 13 00-0002	Roadway Light Poles <small>(26 56 13 00-0001)</small> Note: Excludes lighting fixtures.		
26 56 13 00-0003	Steel Roadway Light Poles <small>(26 56 13 00-0002)</small> Note: Includes prime painted finish, anchor bolts, steel base with nut covers, reinforced handhole with cover and grounding provisions, and fixture arm(s).		
26 56 13 00-0004	Round Tapered, Steel Roadway Light Poles <small>(26 56 13 00-0003)</small>		
26 56 13 00-0005	Round Tapered, Steel Roadway Light Poles With Upsweep Style Arms <small>(26 56 13 00-0004)</small>		
26 56 13 00-0006	Round Tapered, Steel Roadway Light Poles With Single Upsweep Style Arm <small>(26 56 13 00-0005)</small>		
26 56 13 00-0007	EA 20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base For Galvanized Finish, Add For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	3,098.14 69.65 -77.45 -154.91 -251.77	388.26
26 56 13 00-0008	EA 20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base For Galvanized Finish, Add For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	3,103.87 69.82 -77.60 -155.19 -252.20	388.26
26 56 13 00-0009	EA 25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base For Galvanized Finish, Add For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	3,396.72 70.84 -84.92 -169.84 -280.64	517.68
26 56 13 00-0010	EA 25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base For Galvanized Finish, Add For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	3,465.72 72.91 -86.64 -173.29 -285.81	517.68
26 56 13 00-0011	EA 25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base For Galvanized Finish, Add For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	3,534.71 74.98 -88.37 -176.74 -290.99	517.68
26 56 13 00-0012	EA 30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base For Galvanized Finish, Add For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	3,678.65 75.42 -91.97 -183.93 -305.02	582.39
26 56 13 00-0013	EA 30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base For Galvanized Finish, Add For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	3,711.37 76.40 -92.78 -185.57 -307.47	582.39
26 56 13 00-0014	EA 30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base For Galvanized Finish, Add For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	3,717.60 76.58 -92.94 -185.88 -307.94	582.39
26 56 13 00-0015	EA 35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base For Galvanized Finish, Add For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	3,898.47 80.07 -97.46 -194.92 -323.12	614.74
26 56 13 00-0016	EA 35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base For Galvanized Finish, Add For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	3,923.19 80.81 -98.08 -196.16 -324.98	614.74
26 56 13 00-0017	EA 35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base For Galvanized Finish, Add For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	3,950.17 81.62 -98.75 -197.51 -327.00	614.74
26 56 13 00-0018	EA 40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base For Galvanized Finish, Add For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	4,498.26 96.12 -112.46 -224.91 -369.72	647.10

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 56 13 00-0019	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	4,507.06	647.10
		<i>For Galvanized Finish, Add</i>	96.39	
		<i>For >10 To 20, Deduct</i>	-112.68	
		<i>For >20 To 40, Deduct</i>	-225.35	
		<i>For >40, Deduct</i>	-370.38	
26 56 13 00-0020	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	4,515.76	647.10
		<i>For Galvanized Finish, Add</i>	96.65	
		<i>For >10 To 20, Deduct</i>	-112.89	
		<i>For >20 To 40, Deduct</i>	-225.79	
		<i>For >40, Deduct</i>	-371.04	

26 56 13 00-0021 Round Tapered, Steel Roadway Light Poles With Two Upsweep Style Arms
(26 56 13 00-0005)

26 56 13 00-0022	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,853.78	452.97
		<i>For Galvanized Finish, Add</i>	88.44	
		<i>For >10 To 20, Deduct</i>	-96.34	
		<i>For >20 To 40, Deduct</i>	-192.69	
		<i>For >40, Deduct</i>	-311.68	
26 56 13 00-0023	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,923.00	469.15
		<i>For Galvanized Finish, Add</i>	89.54	
		<i>For >10 To 20, Deduct</i>	-98.08	
		<i>For >20 To 40, Deduct</i>	-196.15	
		<i>For >40, Deduct</i>	-317.68	
26 56 13 00-0024	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	3,983.14	485.32
		<i>For Galvanized Finish, Add</i>	90.37	
		<i>For >10 To 20, Deduct</i>	-99.58	
		<i>For >20 To 40, Deduct</i>	-199.16	
		<i>For >40, Deduct</i>	-323.00	
26 56 13 00-0025	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,873.59	582.39
		<i>For Galvanized Finish, Add</i>	81.26	
		<i>For >10 To 20, Deduct</i>	-96.84	
		<i>For >20 To 40, Deduct</i>	-193.68	
		<i>For >40, Deduct</i>	-319.64	
26 56 13 00-0026	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,920.58	598.57
		<i>For Galvanized Finish, Add</i>	81.70	
		<i>For >10 To 20, Deduct</i>	-98.01	
		<i>For >20 To 40, Deduct</i>	-196.03	
		<i>For >40, Deduct</i>	-323.97	
26 56 13 00-0027	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	3,958.87	614.74
		<i>For Galvanized Finish, Add</i>	81.88	
		<i>For >10 To 20, Deduct</i>	-98.97	
		<i>For >20 To 40, Deduct</i>	-197.94	
		<i>For >40, Deduct</i>	-327.65	
26 56 13 00-0028	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	4,183.72	647.10
		<i>For Galvanized Finish, Add</i>	86.69	
		<i>For >10 To 20, Deduct</i>	-104.59	
		<i>For >20 To 40, Deduct</i>	-209.19	
		<i>For >40, Deduct</i>	-346.13	
26 56 13 00-0029	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	4,224.97	663.27
		<i>For Galvanized Finish, Add</i>	86.95	
		<i>For >10 To 20, Deduct</i>	-105.62	
		<i>For >20 To 40, Deduct</i>	-211.25	
		<i>For >40, Deduct</i>	-350.04	
26 56 13 00-0030	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	4,262.96	679.45
		<i>For Galvanized Finish, Add</i>	87.12	
		<i>For >10 To 20, Deduct</i>	-106.57	
		<i>For >20 To 40, Deduct</i>	-213.15	
		<i>For >40, Deduct</i>	-353.69	
26 56 13 00-0031	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	4,437.73	679.45
		<i>For Galvanized Finish, Add</i>	92.36	
		<i>For >10 To 20, Deduct</i>	-110.94	
		<i>For >20 To 40, Deduct</i>	-221.89	
		<i>For >40, Deduct</i>	-366.80	
26 56 13 00-0032	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	4,508.34	695.63
		<i>For Galvanized Finish, Add</i>	93.51	
		<i>For >10 To 20, Deduct</i>	-112.71	
		<i>For >20 To 40, Deduct</i>	-225.42	
		<i>For >40, Deduct</i>	-372.91	
26 56 13 00-0033	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	4,576.97	711.81
		<i>For Galvanized Finish, Add</i>	94.60	
		<i>For >10 To 20, Deduct</i>	-114.42	
		<i>For >20 To 40, Deduct</i>	-228.85	
		<i>For >40, Deduct</i>	-378.86	

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 56 13 00-0034	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	5,003.52	711.81
		<i>For Galvanized Finish, Add</i>	107.40	
		<i>For >10 To 20, Deduct</i>	-125.09	
		<i>For >20 To 40, Deduct</i>	-250.18	
		<i>For >40, Deduct</i>	-410.85	
26 56 13 00-0035	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	5,041.60	727.98
		<i>For Galvanized Finish, Add</i>	107.57	
		<i>For >10 To 20, Deduct</i>	-126.04	
		<i>For >20 To 40, Deduct</i>	-252.08	
		<i>For >40, Deduct</i>	-414.52	
26 56 13 00-0036	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	5,079.88	744.17
		<i>For Galvanized Finish, Add</i>	107.75	
		<i>For >10 To 20, Deduct</i>	-127.00	
		<i>For >20 To 40, Deduct</i>	-253.99	
		<i>For >40, Deduct</i>	-418.20	

26 56 13 00-0037 Round Tapered, Steel Roadway Light Poles With Three Upsweep Style Arms

26 56 13 00-0038	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,544.92	647.10
		<i>For Galvanized Finish, Add</i>	97.52	
		<i>For >10 To 20, Deduct</i>	-113.62	
		<i>For >20 To 40, Deduct</i>	-227.25	
		<i>For >40, Deduct</i>	-373.22	
26 56 13 00-0039	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,615.46	679.45
		<i>For Galvanized Finish, Add</i>	97.70	
		<i>For >10 To 20, Deduct</i>	-115.39	
		<i>For >20 To 40, Deduct</i>	-230.77	
		<i>For >40, Deduct</i>	-380.13	
26 56 13 00-0040	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	4,694.71	711.81
		<i>For Galvanized Finish, Add</i>	98.13	
		<i>For >10 To 20, Deduct</i>	-117.37	
		<i>For >20 To 40, Deduct</i>	-234.74	
		<i>For >40, Deduct</i>	-387.69	
26 56 13 00-0041	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,820.05	711.81
		<i>For Galvanized Finish, Add</i>	101.89	
		<i>For >10 To 20, Deduct</i>	-120.50	
		<i>For >20 To 40, Deduct</i>	-241.00	
		<i>For >40, Deduct</i>	-397.09	
26 56 13 00-0042	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,893.35	744.17
		<i>For Galvanized Finish, Add</i>	102.15	
		<i>For >10 To 20, Deduct</i>	-122.33	
		<i>For >20 To 40, Deduct</i>	-244.67	
		<i>For >40, Deduct</i>	-404.21	
26 56 13 00-0043	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	4,963.90	776.52
		<i>For Galvanized Finish, Add</i>	102.33	
		<i>For >10 To 20, Deduct</i>	-124.10	
		<i>For >20 To 40, Deduct</i>	-248.20	
		<i>For >40, Deduct</i>	-411.12	
26 56 13 00-0044	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	5,123.38	744.17
		<i>For Galvanized Finish, Add</i>	109.05	
		<i>For >10 To 20, Deduct</i>	-128.08	
		<i>For >20 To 40, Deduct</i>	-256.17	
		<i>For >40, Deduct</i>	-421.46	
26 56 13 00-0045	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	5,193.93	776.52
		<i>For Galvanized Finish, Add</i>	109.23	
		<i>For >10 To 20, Deduct</i>	-129.85	
		<i>For >20 To 40, Deduct</i>	-259.70	
		<i>For >40, Deduct</i>	-428.37	
26 56 13 00-0046	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	5,264.47	808.87
		<i>For Galvanized Finish, Add</i>	109.40	
		<i>For >10 To 20, Deduct</i>	-131.61	
		<i>For >20 To 40, Deduct</i>	-263.22	
		<i>For >40, Deduct</i>	-435.28	
26 56 13 00-0047	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	5,508.77	776.52
		<i>For Galvanized Finish, Add</i>	118.67	
		<i>For >10 To 20, Deduct</i>	-137.72	
		<i>For >20 To 40, Deduct</i>	-275.44	
		<i>For >40, Deduct</i>	-451.98	
26 56 13 00-0048	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	5,579.01	808.87
		<i>For Galvanized Finish, Add</i>	118.84	
		<i>For >10 To 20, Deduct</i>	-139.48	
		<i>For >20 To 40, Deduct</i>	-278.95	
		<i>For >40, Deduct</i>	-458.87	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 56 13 00-0049	EA		40' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base.....	5,655.39	841.22
			<i>For Galvanized Finish, Add</i>	119.19	
			<i>For >10 To 20, Deduct</i>	-141.38	
			<i>For >20 To 40, Deduct</i>	-282.77	
			<i>For >40, Deduct</i>	-466.22	
26 56 13 00-0050 Round Tapered, Steel Roadway Light Poles With Four Upsweep Style Arms					
<small>(26 56 13 00-0005)</small>					
26 56 13 00-0051	EA		25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base.....	5,053.04	711.81
			<i>For Galvanized Finish, Add</i>	108.88	
			<i>For >10 To 20, Deduct</i>	-126.33	
			<i>For >20 To 40, Deduct</i>	-252.65	
			<i>For >40, Deduct</i>	-414.57	
26 56 13 00-0052	EA		25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base.....	5,158.80	760.34
			<i>For Galvanized Finish, Add</i>	109.14	
			<i>For >10 To 20, Deduct</i>	-128.97	
			<i>For >20 To 40, Deduct</i>	-257.94	
			<i>For >40, Deduct</i>	-424.93	
26 56 13 00-0053	EA		25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base.....	5,261.60	808.87
			<i>For Galvanized Finish, Add</i>	109.32	
			<i>For >10 To 20, Deduct</i>	-131.54	
			<i>For >20 To 40, Deduct</i>	-263.08	
			<i>For >40, Deduct</i>	-435.06	
26 56 13 00-0054	EA		30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base.....	5,363.85	776.52
			<i>For Galvanized Finish, Add</i>	114.32	
			<i>For >10 To 20, Deduct</i>	-134.10	
			<i>For >20 To 40, Deduct</i>	-268.19	
			<i>For >40, Deduct</i>	-441.11	
26 56 13 00-0055	EA		30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base.....	5,467.04	825.05
			<i>For Galvanized Finish, Add</i>	114.51	
			<i>For >10 To 20, Deduct</i>	-136.68	
			<i>For >20 To 40, Deduct</i>	-273.35	
			<i>For >40, Deduct</i>	-451.28	
26 56 13 00-0056	EA		30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base.....	5,536.63	873.58
			<i>For Galvanized Finish, Add</i>	113.68	
			<i>For >10 To 20, Deduct</i>	-138.42	
			<i>For >20 To 40, Deduct</i>	-276.83	
			<i>For >40, Deduct</i>	-458.93	
26 56 13 00-0057	EA		35' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base.....	5,759.62	808.87
			<i>For Galvanized Finish, Add</i>	124.26	
			<i>For >10 To 20, Deduct</i>	-143.99	
			<i>For >20 To 40, Deduct</i>	-287.98	
			<i>For >40, Deduct</i>	-472.42	
26 56 13 00-0058	EA		35' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base.....	5,902.16	857.41
			<i>For Galvanized Finish, Add</i>	125.62	
			<i>For >10 To 20, Deduct</i>	-147.55	
			<i>For >20 To 40, Deduct</i>	-295.11	
			<i>For >40, Deduct</i>	-485.53	
26 56 13 00-0059	EA		35' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base.....	5,968.46	905.94
			<i>For Galvanized Finish, Add</i>	124.70	
			<i>For >10 To 20, Deduct</i>	-149.21	
			<i>For >20 To 40, Deduct</i>	-298.42	
			<i>For >40, Deduct</i>	-492.93	
26 56 13 00-0060	EA		40' High, 10.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base.....	6,013.72	841.22
			<i>For Galvanized Finish, Add</i>	129.94	
			<i>For >10 To 20, Deduct</i>	-150.34	
			<i>For >20 To 40, Deduct</i>	-300.69	
			<i>For >40, Deduct</i>	-493.09	
26 56 13 00-0061	EA		40' High, 10.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base.....	6,116.52	889.76
			<i>For Galvanized Finish, Add</i>	130.11	
			<i>For >10 To 20, Deduct</i>	-152.91	
			<i>For >20 To 40, Deduct</i>	-305.83	
			<i>For >40, Deduct</i>	-503.23	
26 56 13 00-0062	EA		40' High, 10.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base.....	6,222.29	938.29
			<i>For Galvanized Finish, Add</i>	130.37	
			<i>For >10 To 20, Deduct</i>	-155.56	
			<i>For >20 To 40, Deduct</i>	-311.11	
			<i>For >40, Deduct</i>	-513.59	

26 56 13 00-0063 Round Tapered, Steel Roadway Light Poles With Davit Style Arm (26 56 13 00-0004)

26 56 13 00-0064 Round Tapered, Steel Roadway Light Poles With Single Davit Style Arm (26 56 13 00-0063)

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 56 13 00-0065	EA	25' High, 6.4" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	3,610.24	517.68
		<i>For Galvanized Finish, Add</i>	77.25	
		<i>For >10 To 20, Deduct</i>	-90.26	
		<i>For >20 To 40, Deduct</i>	-180.51	
		<i>For >40, Deduct</i>	-296.65	
26 56 13 00-0066	EA	30' High, 7.1" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	4,084.74	582.39
		<i>For Galvanized Finish, Add</i>	87.60	
		<i>For >10 To 20, Deduct</i>	-102.12	
		<i>For >20 To 40, Deduct</i>	-204.24	
		<i>For >40, Deduct</i>	-335.47	
26 56 13 00-0067	EA	35' High, 7.8" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	4,197.50	614.74
		<i>For Galvanized Finish, Add</i>	89.04	
		<i>For >10 To 20, Deduct</i>	-104.94	
		<i>For >20 To 40, Deduct</i>	-209.88	
		<i>For >40, Deduct</i>	-345.55	
26 56 13 00-0068	EA	40' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	4,999.24	647.10
		<i>For Galvanized Finish, Add</i>	111.15	
		<i>For >10 To 20, Deduct</i>	-124.98	
		<i>For >20 To 40, Deduct</i>	-249.96	
		<i>For >40, Deduct</i>	-407.30	
26 56 13 00-0069		Round Tapered, Steel Roadway Light Poles With Truss Style Arms <small>(26 56 13 00-0004)</small>		
26 56 13 00-0070		Round Tapered, Steel Roadway Light Poles With Single Truss Style Arm <small>(26 56 13 00-0069)</small>		
26 56 13 00-0071	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,640.96	517.68
		<i>For Galvanized Finish, Add</i>	108.17	
		<i>For >10 To 20, Deduct</i>	-116.02	
		<i>For >20 To 40, Deduct</i>	-232.05	
		<i>For >40, Deduct</i>	-373.96	
26 56 13 00-0072	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,685.14	517.68
		<i>For Galvanized Finish, Add</i>	109.49	
		<i>For >10 To 20, Deduct</i>	-117.13	
		<i>For >20 To 40, Deduct</i>	-234.26	
		<i>For >40, Deduct</i>	-377.27	
26 56 13 00-0073	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,705.31	517.68
		<i>For Galvanized Finish, Add</i>	110.10	
		<i>For >10 To 20, Deduct</i>	-117.63	
		<i>For >20 To 40, Deduct</i>	-235.27	
		<i>For >40, Deduct</i>	-378.78	
26 56 13 00-0074	EA	30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,814.55	582.39
		<i>For Galvanized Finish, Add</i>	109.49	
		<i>For >10 To 20, Deduct</i>	-120.36	
		<i>For >20 To 40, Deduct</i>	-240.73	
		<i>For >40, Deduct</i>	-390.21	
26 56 13 00-0075	EA	30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,822.26	582.39
		<i>For Galvanized Finish, Add</i>	109.72	
		<i>For >10 To 20, Deduct</i>	-120.56	
		<i>For >20 To 40, Deduct</i>	-241.11	
		<i>For >40, Deduct</i>	-390.79	
26 56 13 00-0076	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,901.94	582.39
		<i>For Galvanized Finish, Add</i>	112.12	
		<i>For >10 To 20, Deduct</i>	-122.55	
		<i>For >20 To 40, Deduct</i>	-245.10	
		<i>For >40, Deduct</i>	-396.76	
26 56 13 00-0077	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,905.47	614.74
		<i>For Galvanized Finish, Add</i>	110.28	
		<i>For >10 To 20, Deduct</i>	-122.64	
		<i>For >20 To 40, Deduct</i>	-245.27	
		<i>For >40, Deduct</i>	-398.65	
26 56 13 00-0078	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,952.13	614.74
		<i>For Galvanized Finish, Add</i>	111.68	
		<i>For >10 To 20, Deduct</i>	-123.80	
		<i>For >20 To 40, Deduct</i>	-247.61	
		<i>For >40, Deduct</i>	-402.15	
26 56 13 00-0079	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	5,196.78	614.74
		<i>For Galvanized Finish, Add</i>	119.02	
		<i>For >10 To 20, Deduct</i>	-129.92	
		<i>For >20 To 40, Deduct</i>	-259.84	
		<i>For >40, Deduct</i>	-420.50	
26 56 13 00-0080		Round Tapered, Steel Roadway Light Poles With Two Truss Style Arms <small>(26 56 13 00-0069)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 56 13 00-0081	EA		25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base.....	6,075.34	647.10
			<i>For Galvanized Finish, Add</i>	143.43	
			<i>For >10 To 20, Deduct</i>	-151.88	
			<i>For >20 To 40, Deduct</i>	-303.77	
			<i>For >40, Deduct</i>	-488.01	
26 56 13 00-0082	EA		25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base.....	6,182.35	679.45
			<i>For Galvanized Finish, Add</i>	144.70	
			<i>For >10 To 20, Deduct</i>	-154.56	
			<i>For >20 To 40, Deduct</i>	-309.12	
			<i>For >40, Deduct</i>	-497.65	
26 56 13 00-0083	EA		25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base.....	6,413.13	711.81
			<i>For Galvanized Finish, Add</i>	149.69	
			<i>For >10 To 20, Deduct</i>	-160.33	
			<i>For >20 To 40, Deduct</i>	-320.66	
			<i>For >40, Deduct</i>	-516.58	
26 56 13 00-0084	EA		30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base.....	6,180.24	711.81
			<i>For Galvanized Finish, Add</i>	142.70	
			<i>For >10 To 20, Deduct</i>	-154.51	
			<i>For >20 To 40, Deduct</i>	-309.01	
			<i>For >40, Deduct</i>	-499.11	
26 56 13 00-0085	EA		30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base.....	6,463.50	744.17
			<i>For Galvanized Finish, Add</i>	149.26	
			<i>For >10 To 20, Deduct</i>	-161.59	
			<i>For >20 To 40, Deduct</i>	-323.18	
			<i>For >40, Deduct</i>	-521.97	
26 56 13 00-0086	EA		30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base.....	6,635.77	776.52
			<i>For Galvanized Finish, Add</i>	152.48	
			<i>For >10 To 20, Deduct</i>	-165.89	
			<i>For >20 To 40, Deduct</i>	-331.79	
			<i>For >40, Deduct</i>	-536.51	
26 56 13 00-0087	EA		35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base.....	6,367.02	744.17
			<i>For Galvanized Finish, Add</i>	146.36	
			<i>For >10 To 20, Deduct</i>	-159.18	
			<i>For >20 To 40, Deduct</i>	-318.35	
			<i>For >40, Deduct</i>	-514.73	
26 56 13 00-0088	EA		35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base.....	6,743.52	776.52
			<i>For Galvanized Finish, Add</i>	155.71	
			<i>For >10 To 20, Deduct</i>	-168.59	
			<i>For >20 To 40, Deduct</i>	-337.18	
			<i>For >40, Deduct</i>	-544.59	
26 56 13 00-0089	EA		35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base.....	6,968.37	808.87
			<i>For Galvanized Finish, Add</i>	160.52	
			<i>For >10 To 20, Deduct</i>	-174.21	
			<i>For >20 To 40, Deduct</i>	-348.42	
			<i>For >40, Deduct</i>	-563.07	
26 56 13 00-0090			Aluminum Roadway Light Poles <small>(26 56 13 00-0002)</small>		
			Note: Includes satin finish, anchor bolts, cast aluminum base with nut covers, reinforced handhole with cover and grounding provisions, and fixture arm(s).		
26 56 13 00-0091			Round Tapered, Aluminum Roadway Light Poles <small>(26 56 13 00-0090)</small>		
26 56 13 00-0092			Round Tapered, Aluminum Roadway Light Poles With Upsweep Style Arms <small>(26 56 13 00-0091)</small>		
26 56 13 00-0093			Round Tapered, Aluminum Roadway Light Poles With Single Upsweep Style Arm <small>(26 56 13 00-0092)</small>		
26 56 13 00-0094	EA		20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base.....	2,615.52	388.26
			<i>For >10 To 20, Deduct</i>	-65.39	
			<i>For >20 To 40, Deduct</i>	-130.78	
			<i>For >40, Deduct</i>	-215.58	
26 56 13 00-0095	EA		20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base.....	2,637.78	388.26
			<i>For >10 To 20, Deduct</i>	-65.94	
			<i>For >20 To 40, Deduct</i>	-131.89	
			<i>For >40, Deduct</i>	-217.25	
26 56 13 00-0096	EA		25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base.....	3,210.39	517.68
			<i>For >10 To 20, Deduct</i>	-80.26	
			<i>For >20 To 40, Deduct</i>	-160.52	
			<i>For >40, Deduct</i>	-266.66	
26 56 13 00-0097	EA		25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base.....	3,252.45	517.68
			<i>For >10 To 20, Deduct</i>	-81.31	
			<i>For >20 To 40, Deduct</i>	-162.62	
			<i>For >40, Deduct</i>	-269.82	

26 Electrical

26 50 Lighting

26 56 Exterior Lighting



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 56 13 00-0098	EA 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base.....	3,291.14	517.68
	<i>For >10 To 20, Deduct</i>	-82.28	
	<i>For >20 To 40, Deduct</i>	-164.56	
	<i>For >40, Deduct</i>	-272.72	
26 56 13 00-0099	EA 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base.....	3,683.95	582.39
	<i>For >10 To 20, Deduct</i>	-92.10	
	<i>For >20 To 40, Deduct</i>	-184.20	
	<i>For >40, Deduct</i>	-305.42	
26 56 13 00-0100	EA 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base.....	3,719.45	582.39
	<i>For >10 To 20, Deduct</i>	-92.99	
	<i>For >20 To 40, Deduct</i>	-185.97	
	<i>For >40, Deduct</i>	-308.08	
26 56 13 00-0101	EA 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base.....	3,759.13	582.39
	<i>For >10 To 20, Deduct</i>	-93.98	
	<i>For >20 To 40, Deduct</i>	-187.96	
	<i>For >40, Deduct</i>	-311.05	
26 56 13 00-0102	EA 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base.....	4,310.15	614.74
	<i>For >10 To 20, Deduct</i>	-107.75	
	<i>For >20 To 40, Deduct</i>	-215.51	
	<i>For >40, Deduct</i>	-354.00	
26 56 13 00-0103	EA 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base.....	4,345.56	614.74
	<i>For >10 To 20, Deduct</i>	-108.64	
	<i>For >20 To 40, Deduct</i>	-217.28	
	<i>For >40, Deduct</i>	-356.65	
26 56 13 00-0104	EA 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base.....	4,375.21	614.74
	<i>For >10 To 20, Deduct</i>	-109.38	
	<i>For >20 To 40, Deduct</i>	-218.76	
	<i>For >40, Deduct</i>	-358.88	
26 56 13 00-0105 Round Tapered, Aluminum Roadway Light Poles With Two Upsweep Style Arms			
<small>(26 56 13 00-0092)</small>			
26 56 13 00-0106	EA 20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base.....	2,997.67	452.97
	<i>For >10 To 20, Deduct</i>	-74.94	
	<i>For >20 To 40, Deduct</i>	-149.88	
	<i>For >40, Deduct</i>	-247.47	
26 56 13 00-0107	EA 20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base.....	3,215.82	452.97
	<i>For >10 To 20, Deduct</i>	-80.40	
	<i>For >20 To 40, Deduct</i>	-160.79	
	<i>For >40, Deduct</i>	-263.84	
26 56 13 00-0108	EA 20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base.....	3,323.05	485.32
	<i>For >10 To 20, Deduct</i>	-83.08	
	<i>For >20 To 40, Deduct</i>	-166.15	
	<i>For >40, Deduct</i>	-273.50	
26 56 13 00-0109	EA 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base.....	3,580.58	582.39
	<i>For >10 To 20, Deduct</i>	-89.51	
	<i>For >20 To 40, Deduct</i>	-179.03	
	<i>For >40, Deduct</i>	-297.66	
26 56 13 00-0110	EA 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base.....	3,751.81	598.57
	<i>For >10 To 20, Deduct</i>	-93.80	
	<i>For >20 To 40, Deduct</i>	-187.59	
	<i>For >40, Deduct</i>	-311.31	
26 56 13 00-0111	EA 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base.....	3,998.12	614.74
	<i>For >10 To 20, Deduct</i>	-99.95	
	<i>For >20 To 40, Deduct</i>	-199.91	
	<i>For >40, Deduct</i>	-330.60	
26 56 13 00-0112	EA 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base.....	4,130.62	647.10
	<i>For >10 To 20, Deduct</i>	-103.27	
	<i>For >20 To 40, Deduct</i>	-206.53	
	<i>For >40, Deduct</i>	-342.15	
26 56 13 00-0113	EA 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base.....	4,291.80	663.27
	<i>For >10 To 20, Deduct</i>	-107.30	
	<i>For >20 To 40, Deduct</i>	-214.59	
	<i>For >40, Deduct</i>	-355.05	
26 56 13 00-0114	EA 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base.....	4,488.20	679.45
	<i>For >10 To 20, Deduct</i>	-112.21	
	<i>For >20 To 40, Deduct</i>	-224.41	
	<i>For >40, Deduct</i>	-370.59	
26 56 13 00-0115	EA 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base.....	4,681.17	679.45
	<i>For >10 To 20, Deduct</i>	-117.03	
	<i>For >20 To 40, Deduct</i>	-234.06	
	<i>For >40, Deduct</i>	-385.06	

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 56 13 00-0116	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base.....	5,115.17		695.63
		<i>For >10 To 20, Deduct</i>	-127.88		
		<i>For >20 To 40, Deduct</i>	-255.76		
		<i>For >40, Deduct</i>	-418.42		
26 56 13 00-0117	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base.....	5,619.67		711.81
		<i>For >10 To 20, Deduct</i>	-140.49		
		<i>For >20 To 40, Deduct</i>	-280.98		
		<i>For >40, Deduct</i>	-457.07		
26 56 13 00-0118 Round Tapered, Aluminum Roadway Light Poles With Three Upsweep Style Arms <small>(26 56 13 00-0092)</small>					
26 56 13 00-0119	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base.....	3,478.27		517.68
		<i>For >10 To 20, Deduct</i>	-86.96		
		<i>For >20 To 40, Deduct</i>	-173.91		
		<i>For >40, Deduct</i>	-286.75		
26 56 13 00-0120	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base.....	3,719.43		550.03
		<i>For >10 To 20, Deduct</i>	-92.99		
		<i>For >20 To 40, Deduct</i>	-185.97		
		<i>For >40, Deduct</i>	-306.46		
26 56 13 00-0121	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base.....	4,231.07		647.10
		<i>For >10 To 20, Deduct</i>	-105.78		
		<i>For >20 To 40, Deduct</i>	-211.55		
		<i>For >40, Deduct</i>	-349.69		
26 56 13 00-0122	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base.....	4,412.48		679.45
		<i>For >10 To 20, Deduct</i>	-110.31		
		<i>For >20 To 40, Deduct</i>	-220.62		
		<i>For >40, Deduct</i>	-364.91		
26 56 13 00-0123	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base.....	4,621.07		711.81
		<i>For >10 To 20, Deduct</i>	-115.53		
		<i>For >20 To 40, Deduct</i>	-231.05		
		<i>For >40, Deduct</i>	-382.17		
26 56 13 00-0124	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base.....	4,786.22		744.17
		<i>For >10 To 20, Deduct</i>	-119.66		
		<i>For >20 To 40, Deduct</i>	-239.31		
		<i>For >40, Deduct</i>	-396.17		
26 56 13 00-0125	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base.....	4,995.16		744.17
		<i>For >10 To 20, Deduct</i>	-124.88		
		<i>For >20 To 40, Deduct</i>	-249.76		
		<i>For >40, Deduct</i>	-411.85		
26 56 13 00-0126	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base.....	5,430.67		776.52
		<i>For >10 To 20, Deduct</i>	-135.77		
		<i>For >20 To 40, Deduct</i>	-271.53		
		<i>For >40, Deduct</i>	-446.13		
26 56 13 00-0127	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base.....	10,954.13		808.87
		<i>For >10 To 20, Deduct</i>	-273.85		
		<i>For >20 To 40, Deduct</i>	-547.71		
		<i>For >40, Deduct</i>	-862.00		
26 56 13 00-0128 Round Tapered, Aluminum Roadway Light Poles With Four Upsweep Style Arms <small>(26 56 13 00-0092)</small>					
26 56 13 00-0129	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base.....	3,607.13		582.39
		<i>For >10 To 20, Deduct</i>	-90.18		
		<i>For >20 To 40, Deduct</i>	-180.36		
		<i>For >40, Deduct</i>	-299.65		
26 56 13 00-0130	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base.....	3,740.70		582.39
		<i>For >10 To 20, Deduct</i>	-93.52		
		<i>For >20 To 40, Deduct</i>	-187.04		
		<i>For >40, Deduct</i>	-309.67		
26 56 13 00-0131	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base.....	4,629.37		711.81
		<i>For >10 To 20, Deduct</i>	-115.73		
		<i>For >20 To 40, Deduct</i>	-231.47		
		<i>For >40, Deduct</i>	-382.79		
26 56 13 00-0132	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base.....	5,011.19		760.34
		<i>For >10 To 20, Deduct</i>	-125.28		
		<i>For >20 To 40, Deduct</i>	-250.56		
		<i>For >40, Deduct</i>	-413.86		
26 56 13 00-0133	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base.....	5,225.48		776.52
		<i>For >10 To 20, Deduct</i>	-130.64		
		<i>For >20 To 40, Deduct</i>	-261.27		
		<i>For >40, Deduct</i>	-430.74		

26 Electrical

26 50 Lighting

26 56 Exterior Lighting



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 56 13 00-0134	EA 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base.....	5,577.73	825.05
	For >10 To 20, Deduct	-139.44	
	For >20 To 40, Deduct	-278.89	
	For >40, Deduct	-459.58	
26 56 13 00-0135	EA 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base.....	5,501.95	808.87
	For >10 To 20, Deduct	-137.55	
	For >20 To 40, Deduct	-275.10	
	For >40, Deduct	-453.09	
26 56 13 00-0136	EA 35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base.....	6,252.93	857.41
	For >10 To 20, Deduct	-166.32	
	For >20 To 40, Deduct	-312.65	
	For >40, Deduct	-511.84	
26 56 13 00-0137	EA 35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base.....	6,917.30	905.94
	For >10 To 20, Deduct	-172.93	
	For >20 To 40, Deduct	-345.87	
	For >40, Deduct	-564.09	
26 56 13 00-0138	Round Tapered, Aluminum Roadway Light Poles With Truss Style Arms ^(26 56 13 00-0091)		
26 56 13 00-0139	Round Tapered, Aluminum Roadway Light Poles With Single Truss Style Arm ^(26 56 13 00-0138)		
26 56 13 00-0140	EA 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base.....	3,828.44	517.68
	For >10 To 20, Deduct	-95.71	
	For >20 To 40, Deduct	-191.42	
	For >40, Deduct	-313.02	
26 56 13 00-0141	EA 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base.....	3,858.18	517.68
	For >10 To 20, Deduct	-96.45	
	For >20 To 40, Deduct	-192.91	
	For >40, Deduct	-315.25	
26 56 13 00-0142	EA 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base.....	3,934.19	517.68
	For >10 To 20, Deduct	-98.35	
	For >20 To 40, Deduct	-196.71	
	For >40, Deduct	-320.95	
26 56 13 00-0143	EA 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base.....	4,048.23	517.68
	For >10 To 20, Deduct	-101.21	
	For >20 To 40, Deduct	-202.41	
	For >40, Deduct	-329.50	
26 56 13 00-0144	EA 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base.....	4,310.49	582.39
	For >10 To 20, Deduct	-107.76	
	For >20 To 40, Deduct	-215.52	
	For >40, Deduct	-352.41	
26 56 13 00-0145	EA 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base.....	4,377.55	582.39
	For >10 To 20, Deduct	-109.44	
	For >20 To 40, Deduct	-218.88	
	For >40, Deduct	-357.44	
26 56 13 00-0146	EA 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base.....	4,449.08	582.39
	For >10 To 20, Deduct	-111.23	
	For >20 To 40, Deduct	-222.45	
	For >40, Deduct	-362.80	
26 56 13 00-0147	EA 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base.....	4,880.55	582.39
	For >10 To 20, Deduct	-122.01	
	For >20 To 40, Deduct	-244.03	
	For >40, Deduct	-395.16	
26 56 13 00-0148	EA 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base.....	4,682.04	614.74
	For >10 To 20, Deduct	-117.05	
	For >20 To 40, Deduct	-234.10	
	For >40, Deduct	-381.89	
26 56 13 00-0149	EA 35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base.....	5,235.68	614.74
	For >10 To 20, Deduct	-130.89	
	For >20 To 40, Deduct	-261.78	
	For >40, Deduct	-423.41	
26 56 13 00-0150	EA 35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base.....	5,289.60	614.74
	For >10 To 20, Deduct	-132.24	
	For >20 To 40, Deduct	-264.48	
	For >40, Deduct	-427.46	
26 56 13 00-0151	EA 35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base.....	5,631.93	614.74
	For >10 To 20, Deduct	-140.80	
	For >20 To 40, Deduct	-281.60	
	For >40, Deduct	-453.13	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 56 13 00-0152	EA		35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base.....	5,944.14	614.74
			<i>For >10 To 20, Deduct</i>	-148.60	
			<i>For >20 To 40, Deduct</i>	-297.21	
			<i>For >40, Deduct</i>	-476.55	

26 56 13 00-0153 Round Tapered, Aluminum Roadway Light Poles With Two Truss Style Arms (26 56 13 00-0138)

26 56 13 00-0154	EA		25' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base.....	4,966.64	647.10
			<i>For >10 To 20, Deduct</i>	-124.17	
			<i>For >20 To 40, Deduct</i>	-248.33	
			<i>For >40, Deduct</i>	-404.85	
26 56 13 00-0155	EA		25' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base.....	5,107.35	679.45
			<i>For >10 To 20, Deduct</i>	-127.68	
			<i>For >20 To 40, Deduct</i>	-255.37	
			<i>For >40, Deduct</i>	-417.02	
26 56 13 00-0156	EA		25' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base.....	5,220.96	711.81
			<i>For >10 To 20, Deduct</i>	-130.52	
			<i>For >20 To 40, Deduct</i>	-261.05	
			<i>For >40, Deduct</i>	-427.16	
26 56 13 00-0157	EA		30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base.....	5,351.25	711.81
			<i>For >10 To 20, Deduct</i>	-133.78	
			<i>For >20 To 40, Deduct</i>	-267.56	
			<i>For >40, Deduct</i>	-436.93	
26 56 13 00-0158	EA		30' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base.....	5,812.11	744.17
			<i>For >10 To 20, Deduct</i>	-145.30	
			<i>For >20 To 40, Deduct</i>	-290.61	
			<i>For >40, Deduct</i>	-473.12	
26 56 13 00-0159	EA		30' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base.....	6,658.47	776.52
			<i>For >10 To 20, Deduct</i>	-166.46	
			<i>For >20 To 40, Deduct</i>	-332.92	
			<i>For >40, Deduct</i>	-538.21	
26 56 13 00-0160	EA		35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base.....	6,439.01	744.17
			<i>For >10 To 20, Deduct</i>	-160.98	
			<i>For >20 To 40, Deduct</i>	-321.95	
			<i>For >40, Deduct</i>	-520.13	
26 56 13 00-0161	EA		35' High, 10" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base.....	6,567.41	776.52
			<i>For >10 To 20, Deduct</i>	-164.19	
			<i>For >20 To 40, Deduct</i>	-328.37	
			<i>For >40, Deduct</i>	-531.38	
26 56 13 00-0162	EA		35' High, 10" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base.....	7,968.76	808.87
			<i>For >10 To 20, Deduct</i>	-199.22	
			<i>For >20 To 40, Deduct</i>	-398.44	
			<i>For >40, Deduct</i>	-638.10	

26 56 13 00-0163 Round Tapered, Aluminum Roadway Light Poles With Davit Style Arm (26 56 13 00-0091)
26 56 13 00-0164 Round Tapered, Aluminum Roadway Light Poles With Single Davit Style Arm (26 56 13 00-0163)

26 56 13 00-0165	EA		20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base.....	3,135.40	388.26
			<i>For >10 To 20, Deduct</i>	-78.39	
			<i>For >20 To 40, Deduct</i>	-156.77	
			<i>For >40, Deduct</i>	-254.57	
26 56 13 00-0166	EA		20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base.....	3,219.43	388.26
			<i>For >10 To 20, Deduct</i>	-80.49	
			<i>For >20 To 40, Deduct</i>	-160.97	
			<i>For >40, Deduct</i>	-260.87	
26 56 13 00-0167	EA		20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base.....	3,303.64	388.26
			<i>For >10 To 20, Deduct</i>	-82.59	
			<i>For >20 To 40, Deduct</i>	-165.18	
			<i>For >40, Deduct</i>	-267.19	
26 56 13 00-0168	EA		25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base.....	3,737.84	517.68
			<i>For >10 To 20, Deduct</i>	-93.45	
			<i>For >20 To 40, Deduct</i>	-186.89	
			<i>For >40, Deduct</i>	-306.22	
26 56 13 00-0169	EA		25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base.....	3,801.89	517.68
			<i>For >10 To 20, Deduct</i>	-95.05	
			<i>For >20 To 40, Deduct</i>	-190.09	
			<i>For >40, Deduct</i>	-311.03	

26 Electrical

26 50 Lighting

26 56 Exterior Lighting



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 56 13 00-0170	EA 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	3,871.87	517.68
	For >10 To 20, Deduct	-96.80	
	For >20 To 40, Deduct	-193.59	
	For >40, Deduct	-316.27	
26 56 13 00-0171	EA 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base	4,218.34	582.39
	For >10 To 20, Deduct	-105.46	
	For >20 To 40, Deduct	-210.92	
	For >40, Deduct	-345.49	
26 56 13 00-0172	EA 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	4,305.29	582.39
	For >10 To 20, Deduct	-107.63	
	For >20 To 40, Deduct	-215.26	
	For >40, Deduct	-352.02	
26 56 13 00-0173	EA 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	4,318.33	582.39
	For >10 To 20, Deduct	-107.96	
	For >20 To 40, Deduct	-215.92	
	For >40, Deduct	-352.99	
26 56 13 00-0174	EA 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base	4,592.45	614.74
	For >10 To 20, Deduct	-114.81	
	For >20 To 40, Deduct	-229.62	
	For >40, Deduct	-375.17	
26 56 13 00-0175	EA 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	4,630.58	614.74
	For >10 To 20, Deduct	-115.76	
	For >20 To 40, Deduct	-231.53	
	For >40, Deduct	-378.03	
26 56 13 00-0176	EA 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	4,720.00	614.74
	For >10 To 20, Deduct	-118.00	
	For >20 To 40, Deduct	-236.00	
	For >40, Deduct	-384.74	
26 56 13 00-0177	Area Light Poles <small>(26 56 13 00-0001)</small> Note: Excludes lighting fixtures.		
26 56 13 00-0178	Steel Area Light Poles <small>(26 56 13 00-0177)</small> Note: Includes powdercoat finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions, factory drilled fixture mounting holes and tenon, open or capped top.		
26 56 13 00-0179	Round Straight, Steel Area Light Poles <small>(26 56 13 00-0178)</small>		
26 56 13 00-0180	Round Straight, Steel Area Light Poles, Anchor Base <small>(26 56 13 00-0179)</small>		
26 56 13 00-0181	EA 10' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,382.06	226.48
	For Galvanized Finish, Add	27.87	
	For >10 To 20, Deduct	-48.49	
	For >20 To 40, Deduct	-87.68	
	For >40, Deduct	-184.66	
26 56 13 00-0182	EA 12' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,498.25	258.84
	For Galvanized Finish, Add	29.42	
	For >10 To 20, Deduct	-52.16	
	For >20 To 40, Deduct	-94.52	
	For >40, Deduct	-198.85	
26 56 13 00-0183	EA 14' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,673.63	291.19
	For Galvanized Finish, Add	32.74	
	For >10 To 20, Deduct	-58.21	
	For >20 To 40, Deduct	-105.51	
	For >40, Deduct	-221.93	
26 56 13 00-0184	EA 16' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,854.15	323.55
	For Galvanized Finish, Add	36.21	
	For >10 To 20, Deduct	-64.46	
	For >20 To 40, Deduct	-116.85	
	For >40, Deduct	-245.77	
26 56 13 00-0185	EA 18' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,970.33	355.91
	For Galvanized Finish, Add	37.76	
	For >10 To 20, Deduct	-68.14	
	For >20 To 40, Deduct	-123.69	
	For >40, Deduct	-259.96	
26 56 13 00-0186	EA 20' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,073.65	388.26
	For Galvanized Finish, Add	38.91	
	For >10 To 20, Deduct	-71.30	
	For >20 To 40, Deduct	-129.63	
	For >40, Deduct	-272.22	
26 56 13 00-0187	EA 10' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,448.98	226.48
	For Galvanized Finish, Add	29.88	
	For >10 To 20, Deduct	-51.16	
	For >20 To 40, Deduct	-92.37	
	For >40, Deduct	-194.70	
26 56 13 00-0188	EA 12' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,567.74	258.84
	For Galvanized Finish, Add	31.50	
	For >10 To 20, Deduct	-54.94	
	For >20 To 40, Deduct	-99.39	
	For >40, Deduct	-209.28	
26 56 13 00-0189	EA 14' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,812.60	291.19
	For Galvanized Finish, Add	36.91	
	For >10 To 20, Deduct	-63.77	
	For >20 To 40, Deduct	-115.23	
	For >40, Deduct	-242.77	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 56 13 00-0190	EA	16'	High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,944.23	323.55
			<i>For Galvanized Finish, Add</i>	38.91	
			<i>For >10 To 20, Deduct</i>	-68.06	
			<i>For >20 To 40, Deduct</i>	-123.15	
			<i>For >40, Deduct</i>	-259.28	
26 56 13 00-0191	EA	18'	High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,068.13	355.91
			<i>For Galvanized Finish, Add</i>	40.69	
			<i>For >10 To 20, Deduct</i>	-72.05	
			<i>For >20 To 40, Deduct</i>	-130.53	
			<i>For >40, Deduct</i>	-274.63	
26 56 13 00-0192	EA	20'	High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,166.30	388.26
			<i>For Galvanized Finish, Add</i>	41.69	
			<i>For >10 To 20, Deduct</i>	-75.00	
			<i>For >20 To 40, Deduct</i>	-136.11	
			<i>For >40, Deduct</i>	-286.12	
26 56 13 00-0193	EA	25'	High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,520.37	517.68
			<i>For Galvanized Finish, Add</i>	44.55	
			<i>For >10 To 20, Deduct</i>	-85.28	
			<i>For >20 To 40, Deduct</i>	-155.72	
			<i>For >40, Deduct</i>	-326.29	
26 56 13 00-0194	EA	10'	High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,448.98	226.48
			<i>For Galvanized Finish, Add</i>	29.88	
			<i>For >10 To 20, Deduct</i>	-51.16	
			<i>For >20 To 40, Deduct</i>	-92.37	
			<i>For >40, Deduct</i>	-194.70	
26 56 13 00-0195	EA	12'	High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,575.46	258.84
			<i>For Galvanized Finish, Add</i>	31.73	
			<i>For >10 To 20, Deduct</i>	-55.25	
			<i>For >20 To 40, Deduct</i>	-99.93	
			<i>For >40, Deduct</i>	-210.44	
26 56 13 00-0196	EA	14'	High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,853.78	291.19
			<i>For Galvanized Finish, Add</i>	38.14	
			<i>For >10 To 20, Deduct</i>	-65.42	
			<i>For >20 To 40, Deduct</i>	-118.12	
			<i>For >40, Deduct</i>	-248.95	
26 56 13 00-0197	EA	16'	High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,951.95	323.55
			<i>For Galvanized Finish, Add</i>	39.15	
			<i>For >10 To 20, Deduct</i>	-68.37	
			<i>For >20 To 40, Deduct</i>	-123.69	
			<i>For >40, Deduct</i>	-260.44	
26 56 13 00-0198	EA	18'	High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,068.13	355.91
			<i>For Galvanized Finish, Add</i>	40.69	
			<i>For >10 To 20, Deduct</i>	-72.05	
			<i>For >20 To 40, Deduct</i>	-130.53	
			<i>For >40, Deduct</i>	-274.63	
26 56 13 00-0199	EA	20'	High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,166.30	388.26
			<i>For Galvanized Finish, Add</i>	41.69	
			<i>For >10 To 20, Deduct</i>	-75.00	
			<i>For >20 To 40, Deduct</i>	-136.11	
			<i>For >40, Deduct</i>	-286.12	
26 56 13 00-0200	EA	25'	High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,592.43	517.68
			<i>For Galvanized Finish, Add</i>	46.71	
			<i>For >10 To 20, Deduct</i>	-88.17	
			<i>For >20 To 40, Deduct</i>	-160.76	
			<i>For >40, Deduct</i>	-337.10	
26 56 13 00-0201	EA	30'	High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,855.67	582.39
			<i>For Galvanized Finish, Add</i>	50.73	
			<i>For >10 To 20, Deduct</i>	-96.76	
			<i>For >20 To 40, Deduct</i>	-176.60	
			<i>For >40, Deduct</i>	-370.11	
26 56 13 00-0202	EA	20'	High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,331.02	388.26
			<i>For Galvanized Finish, Add</i>	46.64	
			<i>For >10 To 20, Deduct</i>	-81.59	
			<i>For >20 To 40, Deduct</i>	-147.64	
			<i>For >40, Deduct</i>	-310.83	
26 56 13 00-0203	EA	25'	High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,625.89	517.68
			<i>For Galvanized Finish, Add</i>	47.72	
			<i>For >10 To 20, Deduct</i>	-89.51	
			<i>For >20 To 40, Deduct</i>	-163.11	
			<i>For >40, Deduct</i>	-342.12	
26 56 13 00-0204	EA	30'	High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,920.01	582.39
			<i>For Galvanized Finish, Add</i>	52.66	
			<i>For >10 To 20, Deduct</i>	-99.33	
			<i>For >20 To 40, Deduct</i>	-181.11	
			<i>For >40, Deduct</i>	-379.76	
26 56 13 00-0205			Round Tapered, Steel Area Light Poles <small>(26 56 13 00-0178)</small>		
26 56 13 00-0206			Round Tapered, Steel Area Light Poles, Anchor Base <small>(26 56 13 00-0205)</small>		
26 56 13 00-0207	EA	20'	High, 5.90" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	2,912.67	388.26
			<i>For Galvanized Finish, Add</i>	64.08	
			<i>For >10 To 20, Deduct</i>	-104.86	
			<i>For >20 To 40, Deduct</i>	-188.36	
			<i>For >40, Deduct</i>	-398.07	
26 56 13 00-0208	EA	20'	High, 6.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	2,992.45	388.26
			<i>For Galvanized Finish, Add</i>	66.48	
			<i>For >10 To 20, Deduct</i>	-108.05	
			<i>For >20 To 40, Deduct</i>	-193.94	
			<i>For >40, Deduct</i>	-410.04	

26 Electrical

26 50 Lighting

26 56 Exterior Lighting



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 56 13 00-0209	EA 25' High, 5.90" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	3,426.30	517.68
	For Galvanized Finish, Add	71.73	
	For >10 To 20, Deduct	-121.52	
	For >20 To 40, Deduct	-219.13	
	For >40, Deduct	-462.18	
26 56 13 00-0210	EA 25' High, 7.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	3,591.01	517.68
	For Galvanized Finish, Add	76.67	
	For >10 To 20, Deduct	-128.11	
	For >20 To 40, Deduct	-230.66	
	For >40, Deduct	-486.88	
26 56 13 00-0211	EA 30' High, 6.60" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	3,813.08	582.39
	For Galvanized Finish, Add	79.45	
	For >10 To 20, Deduct	-135.05	
	For >20 To 40, Deduct	-243.62	
	For >40, Deduct	-513.72	
26 56 13 00-0212	EA 30' High, 8.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	4,088.46	582.39
	For Galvanized Finish, Add	87.71	
	For >10 To 20, Deduct	-146.07	
	For >20 To 40, Deduct	-262.90	
	For >40, Deduct	-555.03	
26 56 13 00-0213	EA 35' High, 7.30" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	4,209.80	614.74
	For Galvanized Finish, Add	89.41	
	For >10 To 20, Deduct	-149.95	
	For >20 To 40, Deduct	-270.10	
	For >40, Deduct	-570.00	
26 56 13 00-0214	EA 35' High, 8.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	4,379.66	614.74
	For Galvanized Finish, Add	94.51	
	For >10 To 20, Deduct	-156.74	
	For >20 To 40, Deduct	-281.99	
	For >40, Deduct	-595.47	
26 56 13 00-0215	EA 35' High, 9.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	4,786.30	614.74
	For Galvanized Finish, Add	106.70	
	For >10 To 20, Deduct	-173.01	
	For >20 To 40, Deduct	-310.45	
	For >40, Deduct	-656.47	
26 56 13 00-0216	EA 39' High, 7.82" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	4,820.13	647.10
	For Galvanized Finish, Add	105.78	
	For >10 To 20, Deduct	-173.39	
	For >20 To 40, Deduct	-311.53	
	For >40, Deduct	-658.31	
26 56 13 00-0217	EA 39' High, 9.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	4,892.19	647.10
	For Galvanized Finish, Add	107.94	
	For >10 To 20, Deduct	-176.27	
	For >20 To 40, Deduct	-316.57	
	For >40, Deduct	-669.12	
26 56 13 00-0218	EA 45' High, 10.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	6,667.66	841.22
	For Galvanized Finish, Add	149.56	
	For >10 To 20, Deduct	-241.47	
	For >20 To 40, Deduct	-433.09	
	For >40, Deduct	-916.03	
26 56 13 00-0219	EA 50' High, 10.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	6,911.06	970.65
	For Galvanized Finish, Add	149.09	
	For >10 To 20, Deduct	-247.32	
	For >20 To 40, Deduct	-444.95	
	For >40, Deduct	-939.59	
26 56 13 00-0220	EA 25' High, 7.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	4,707.99	517.68
	For Galvanized Finish, Add	110.18	
	For >10 To 20, Deduct	-172.79	
	For >20 To 40, Deduct	-308.85	
	For >40, Deduct	-654.43	
26 56 13 00-0221	EA 30' High, 8.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	5,346.98	582.39
	For Galvanized Finish, Add	125.47	
	For >10 To 20, Deduct	-196.41	
	For >20 To 40, Deduct	-350.99	
	For >40, Deduct	-743.81	
26 56 13 00-0222	EA 39' High, 9.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	6,207.34	647.10
	For Galvanized Finish, Add	147.39	
	For >10 To 20, Deduct	-228.88	
	For >20 To 40, Deduct	-408.63	
	For >40, Deduct	-866.39	
26 56 13 00-0223	EA 45' High, 10.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	7,470.64	841.22
	For Galvanized Finish, Add	173.65	
	For >10 To 20, Deduct	-273.59	
	For >20 To 40, Deduct	-489.30	
	For >40, Deduct	-1,036.47	
26 56 13 00-0224	EA 50' High, 10.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	8,722.92	970.65
	For Galvanized Finish, Add	203.45	
	For >10 To 20, Deduct	-319.80	
	For >20 To 40, Deduct	-571.78	
	For >40, Deduct	-1,211.37	
26 56 13 00-0225	EA 50' High, 11.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	9,770.40	970.65
	For Galvanized Finish, Add	234.87	
	For >10 To 20, Deduct	-361.70	
	For >20 To 40, Deduct	-645.10	
	For >40, Deduct	-1,368.50	
26 56 13 00-0226	EA 50' High, 13.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	13,270.60	970.65
	For Galvanized Finish, Add	339.88	
	For >10 To 20, Deduct	-501.70	
	For >20 To 40, Deduct	-890.12	
	For >40, Deduct	-1,893.53	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 56 13 00-0227	EA		50' High, 13.00" Base OD, 3 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	14,969.22	970.65
				For Galvanized Finish, Add	390.84	
				For >10 To 20, Deduct	-569.65	
				For >20 To 40, Deduct	-1,009.02	
				For >40, Deduct	-2,148.32	
	26 56 13 00-0228			Square Straight, Steel Area Light Poles <small>(26 56 13 00-0178)</small>		
	26 56 13 00-0229			Square Straight, Steel Area Light Poles, Anchor Base <small>(26 56 13 00-0228)</small>		
	26 56 13 00-0230	EA		10' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,361.48	226.48
				For Galvanized Finish, Add	27.26	
				For >10 To 20, Deduct	-47.66	
				For >20 To 40, Deduct	-86.24	
				For >40, Deduct	-181.57	
	26 56 13 00-0231	EA		12' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,426.19	258.84
				For Galvanized Finish, Add	27.26	
				For >10 To 20, Deduct	-49.28	
				For >20 To 40, Deduct	-89.48	
				For >40, Deduct	-188.04	
	26 56 13 00-0232	EA		14' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,534.65	291.19
				For Galvanized Finish, Add	28.57	
				For >10 To 20, Deduct	-52.65	
				For >20 To 40, Deduct	-95.78	
				For >40, Deduct	-201.08	
	26 56 13 00-0233	EA		15' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,628.77	307.38
				For Galvanized Finish, Add	30.42	
				For >10 To 20, Deduct	-55.93	
				For >20 To 40, Deduct	-101.72	
				For >40, Deduct	-213.58	
	26 56 13 00-0234	EA		16' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,661.13	323.55
				For Galvanized Finish, Add	30.42	
				For >10 To 20, Deduct	-56.74	
				For >20 To 40, Deduct	-103.34	
				For >40, Deduct	-216.81	
	26 56 13 00-0235	EA		18' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,754.15	355.91
				For Galvanized Finish, Add	31.27	
				For >10 To 20, Deduct	-59.49	
				For >20 To 40, Deduct	-108.55	
				For >40, Deduct	-227.53	
	26 56 13 00-0236	EA		20' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,842.02	388.26
				For Galvanized Finish, Add	31.97	
				For >10 To 20, Deduct	-62.03	
				For >20 To 40, Deduct	-113.41	
				For >40, Deduct	-237.48	
	26 56 13 00-0237	EA		25' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	2,255.28	517.68
				For Galvanized Finish, Add	36.60	
				For >10 To 20, Deduct	-74.68	
				For >20 To 40, Deduct	-137.16	
				For >40, Deduct	-286.52	
	26 56 13 00-0238	EA		20' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	2,189.46	388.26
				For Galvanized Finish, Add	42.39	
				For >10 To 20, Deduct	-75.93	
				For >20 To 40, Deduct	-137.73	
				For >40, Deduct	-289.59	
	26 56 13 00-0239	EA		25' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	2,733.98	517.68
				For Galvanized Finish, Add	50.96	
				For >10 To 20, Deduct	-93.83	
				For >20 To 40, Deduct	-170.67	
				For >40, Deduct	-358.33	
	26 56 13 00-0240	EA		30' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	3,143.92	582.39
				For Galvanized Finish, Add	59.37	
				For >10 To 20, Deduct	-108.29	
				For >20 To 40, Deduct	-196.78	
				For >40, Deduct	-413.35	
	26 56 13 00-0241	EA		20' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	2,094.24	388.26
				For Galvanized Finish, Add	39.53	
				For >10 To 20, Deduct	-72.12	
				For >20 To 40, Deduct	-131.07	
				For >40, Deduct	-275.31	
	26 56 13 00-0242	EA		25' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	2,548.68	517.68
				For Galvanized Finish, Add	45.40	
				For >10 To 20, Deduct	-86.42	
				For >20 To 40, Deduct	-157.70	
				For >40, Deduct	-330.53	
	26 56 13 00-0243	EA		30' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	2,984.35	582.39
				For Galvanized Finish, Add	54.59	
				For >10 To 20, Deduct	-101.90	
				For >20 To 40, Deduct	-185.61	
				For >40, Deduct	-389.41	
	26 56 13 00-0244	EA		20' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	2,421.10	388.26
				For Galvanized Finish, Add	49.34	
				For >10 To 20, Deduct	-85.20	
				For >20 To 40, Deduct	-153.95	
				For >40, Deduct	-324.34	
	26 56 13 00-0245	EA		25' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	2,965.61	517.68
				For Galvanized Finish, Add	57.91	
				For >10 To 20, Deduct	-103.09	
				For >20 To 40, Deduct	-186.89	
				For >40, Deduct	-393.07	

26 Electrical

26 50 Lighting

26 56 Exterior Lighting



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 56 13 00-0246	EA 30' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	3,362.68 65.94 -117.04 -212.09 -446.16	582.39
26 56 13 00-0247	EA 35' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	3,746.54 75.51 -131.42 -237.67 -500.51	614.74
26 56 13 00-0248	EA 30' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	3,869.70 81.15 -137.32 -247.58 -522.22	582.39
26 56 13 00-0249	EA 35' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	4,256.13 90.80 -151.80 -273.34 -576.95	614.74
26 56 13 00-0250	EA 40' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	4,503.57 96.28 -160.73 -289.37 -610.83	647.10
26 56 13 00-0251 Hinged, Square Straight, Steel Area Light Poles (26 56 13 00-0178)			
26 56 13 00-0252 Hinged, Square Straight, Steel Area Light Poles, Anchor Base (26 56 13 00-0251)			
26 56 13 00-0253	EA 20' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	5,044.20 128.03 -190.12 -337.56 -717.80	388.26
26 56 13 00-0254	EA 25' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	5,593.21 136.74 -208.20 -370.82 -787.21	517.68
26 56 13 00-0255	EA 30' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	7,890.68 201.78 -298.16 -529.05 -1,125.36	582.39
26 56 13 00-0256	EA 25' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	5,148.23 131.15 -194.28 -344.85 -733.41	388.26
26 56 13 00-0257	EA 25' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	6,198.19 154.88 -232.40 -413.17 -877.96	517.68
26 56 13 00-0258	EA 30' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	8,791.30 228.80 -334.18 -592.10 -1,260.46	582.39
26 56 13 00-0259	EA 35' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	10,112.51 266.49 -386.06 -683.29 -1,455.40	614.74
26 56 13 00-0260	EA 39' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	11,920.98 318.80 -457.43 -808.58 -1,723.44	647.10
26 56 13 00-0261	EA 20' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	4,879.96 123.10 -183.55 -326.07 -693.17	388.26
26 56 13 00-0262	EA 25' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	5,330.42 128.85 -197.69 -352.42 -747.80	517.68
26 56 13 00-0263	EA 30' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	7,428.05 187.90 -279.65 -496.67 -1,055.97	582.39
26 56 13 00-0264	EA 20' High, 6.44" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	5,068.84 128.77 -191.11 -339.29 -721.50	388.26

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 56 13 00-0265	EA		25' High, 6.44" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base 5,951.82		517.68
				For Galvanized Finish, Add	147.49	
				For >10 To 20, Deduct	-222.54	
				For >20 To 40, Deduct	-395.92	
				For >40, Deduct	-841.01	
	26 56 13 00-0266	EA		30' High, 6.44" OD, 7 Gauge, Hinged Square Straight, Steel Area Light Pole, Anchor Base 8,449.12		582.39
				For Galvanized Finish, Add	218.53	
				For >10 To 20, Deduct	-320.49	
				For >20 To 40, Deduct	-568.14	
				For >40, Deduct	-1,209.13	
	26 56 13 00-0267	EA		20' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base 5,359.01		388.26
				For Galvanized Finish, Add	137.47	
				For >10 To 20, Deduct	-202.71	
				For >20 To 40, Deduct	-359.60	
				For >40, Deduct	-765.03	
	26 56 13 00-0268	EA		25' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base 6,474.67		517.68
				For Galvanized Finish, Add	163.18	
				For >10 To 20, Deduct	-243.46	
				For >20 To 40, Deduct	-432.52	
				For >40, Deduct	-919.43	
	26 56 13 00-0269	EA		30' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base 9,065.05		582.39
				For Galvanized Finish, Add	237.01	
				For >10 To 20, Deduct	-345.13	
				For >20 To 40, Deduct	-611.26	
				For >40, Deduct	-1,301.52	
	26 56 13 00-0270	EA		35' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base 10,446.48		614.74
				For Galvanized Finish, Add	276.51	
				For >10 To 20, Deduct	-399.42	
				For >20 To 40, Deduct	-706.66	
				For >40, Deduct	-1,505.50	
	26 56 13 00-0271	EA		39' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base 12,098.91		647.10
				For Galvanized Finish, Add	324.14	
				For >10 To 20, Deduct	-464.54	
				For >20 To 40, Deduct	-821.04	
				For >40, Deduct	-1,750.13	
	26 56 13 00-0272			Square Tapered, Steel Area Light Poles <small>(26 56 13 00-0178)</small>		
	26 56 13 00-0273			Square Tapered, Steel Area Light Poles, Anchor Base <small>(26 56 13 00-0272)</small>		
	26 56 13 00-0274	EA		20' High, 5.25" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base 3,779.99		388.26
				For Galvanized Finish, Add	90.10	
				For >10 To 20, Deduct	-139.55	
				For >20 To 40, Deduct	-249.07	
				For >40, Deduct	-528.17	
	26 56 13 00-0275	EA		25' High, 6.00" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base 4,569.01		517.68
				For Galvanized Finish, Add	106.01	
				For >10 To 20, Deduct	-167.23	
				For >20 To 40, Deduct	-299.12	
				For >40, Deduct	-633.58	
	26 56 13 00-0276	EA		30' High, 6.41" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base 5,081.90		582.39
				For Galvanized Finish, Add	117.51	
				For >10 To 20, Deduct	-185.80	
				For >20 To 40, Deduct	-332.44	
				For >40, Deduct	-704.05	
	26 56 13 00-0277	EA		35' High, 6.81" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base 5,653.63		614.74
				For Galvanized Finish, Add	132.72	
				For >10 To 20, Deduct	-207.70	
				For >20 To 40, Deduct	-371.16	
				For >40, Deduct	-786.57	
	26 56 13 00-0278	EA		39' High, 7.18" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base 5,960.26		647.10
				For Galvanized Finish, Add	139.98	
				For >10 To 20, Deduct	-219.00	
				For >20 To 40, Deduct	-391.33	
				For >40, Deduct	-829.33	
	26 56 13 00-0279	EA		20' High, 5.50" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base 4,935.57		388.26
				For Galvanized Finish, Add	124.77	
				For >10 To 20, Deduct	-185.78	
				For >20 To 40, Deduct	-329.96	
				For >40, Deduct	-701.51	
	26 56 13 00-0280	EA		25' High, 6.41" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base 5,474.94		517.68
				For Galvanized Finish, Add	133.19	
				For >10 To 20, Deduct	-203.47	
				For >20 To 40, Deduct	-362.54	
				For >40, Deduct	-769.47	
	26 56 13 00-0281	EA		30' High, 6.41" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base 5,823.11		582.39
				For Galvanized Finish, Add	139.75	
				For >10 To 20, Deduct	-215.45	
				For >20 To 40, Deduct	-384.32	
				For >40, Deduct	-815.23	
	26 56 13 00-0282	EA		30' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base 6,502.56		582.39
				For Galvanized Finish, Add	160.13	
				For >10 To 20, Deduct	-242.63	
				For >20 To 40, Deduct	-431.88	
				For >40, Deduct	-917.15	
	26 56 13 00-0283	EA		35' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base 7,056.28		614.74
				For Galvanized Finish, Add	174.80	
				For >10 To 20, Deduct	-263.81	
				For >20 To 40, Deduct	-469.35	
				For >40, Deduct	-996.97	

26 Electrical

26 50 Lighting

26 56 Exterior Lighting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0284	EA		35' High, 7.88" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base.....	7,897.87	614.74
			<i>For Galvanized Finish, Add</i>	200.05	
			<i>For >10 To 20, Deduct</i>	-297.47	
			<i>For >20 To 40, Deduct</i>	-528.26	
			<i>For >40, Deduct</i>	-1,123.21	
26 56 13 00-0285	EA		39' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base.....	7,159.59	647.10
			<i>For Galvanized Finish, Add</i>	175.96	
			<i>For >10 To 20, Deduct</i>	-266.97	
			<i>For >20 To 40, Deduct</i>	-475.29	
			<i>For >40, Deduct</i>	-1,009.23	
26 56 13 00-0286	EA		39' High, 8.75" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base.....	9,231.40	647.10
			<i>For Galvanized Finish, Add</i>	238.12	
			<i>For >10 To 20, Deduct</i>	-349.84	
			<i>For >20 To 40, Deduct</i>	-620.31	
			<i>For >40, Deduct</i>	-1,320.00	
26 56 13 00-0287	EA		45' High, 7.88" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base.....	8,420.33	841.22
			<i>For Galvanized Finish, Add</i>	202.14	
			<i>For >10 To 20, Deduct</i>	-311.58	
			<i>For >20 To 40, Deduct</i>	-555.77	
			<i>For >40, Deduct</i>	-1,178.93	
26 56 13 00-0288	EA		45' High, 8.75" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base.....	9,833.27	841.22
			<i>For Galvanized Finish, Add</i>	244.52	
			<i>For >10 To 20, Deduct</i>	-368.09	
			<i>For >20 To 40, Deduct</i>	-654.68	
			<i>For >40, Deduct</i>	-1,390.87	
26 56 13 00-0289	EA		50' High, 8.81" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base.....	10,164.18	970.65
			<i>For Galvanized Finish, Add</i>	246.69	
			<i>For >10 To 20, Deduct</i>	-377.45	
			<i>For >20 To 40, Deduct</i>	-672.67	
			<i>For >40, Deduct</i>	-1,427.56	
26 56 13 00-0290			Factory Accessories For Steel Area Light Poles <small>(26 56 13 00-0178)</small>		
26 56 13 00-0291	EA		1/2", 3/4" Or 1" Factory Threaded Pipe Coupling Or Nipple For Steel Area Light Poles.....	91.25	
26 56 13 00-0292	EA		Extra Handhole For Steel Area Light Poles	135.70	
26 56 13 00-0293	EA		Vibration Dampener For Steel Area Light Poles	138.04	
26 56 13 00-0294			Aluminum Area Light Poles <small>(26 56 13 00-0177)</small>		
			Note: Includes satin brushed or painted finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions, factory drilled fixture mounting holes and tenon, open or capped top.		
26 56 13 00-0295			Round Straight, Aluminum Area Light Poles <small>(26 56 13 00-0294)</small>		
26 56 13 00-0296			Round Straight, Aluminum Area Light Poles, Anchor Base <small>(26 56 13 00-0295)</small>		
26 56 13 00-0297	EA		8' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	795.98	194.13
			<i>For Bronze Or Satin Anodized Finish, Add</i>	40.77	
			<i>For Black Anodized Finish, Add</i>	81.54	
			<i>For >10 To 20, Deduct</i>	-26.02	
			<i>For >20 To 40, Deduct</i>	-47.95	
			<i>For >40, Deduct</i>	-99.98	
26 56 13 00-0298	EA		10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	881.60	226.48
			<i>For Bronze Or Satin Anodized Finish, Add</i>	42.86	
			<i>For Black Anodized Finish, Add</i>	85.73	
			<i>For >10 To 20, Deduct</i>	-28.47	
			<i>For >20 To 40, Deduct</i>	-52.65	
			<i>For >40, Deduct</i>	-109.59	
26 56 13 00-0299	EA		12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	972.45	258.84
			<i>For Bronze Or Satin Anodized Finish, Add</i>	45.48	
			<i>For Black Anodized Finish, Add</i>	90.95	
			<i>For >10 To 20, Deduct</i>	-31.13	
			<i>For >20 To 40, Deduct</i>	-57.72	
			<i>For >40, Deduct</i>	-119.98	
26 56 13 00-0300	EA		14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	1,064.34	291.19
			<i>For Bronze Or Satin Anodized Finish, Add</i>	48.20	
			<i>For Black Anodized Finish, Add</i>	96.39	
			<i>For >10 To 20, Deduct</i>	-33.84	
			<i>For >20 To 40, Deduct</i>	-62.86	
			<i>For >40, Deduct</i>	-130.53	
26 56 13 00-0301	EA		15' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	1,114.46	307.38
			<i>For Bronze Or Satin Anodized Finish, Add</i>	49.97	
			<i>For Black Anodized Finish, Add</i>	99.94	
			<i>For >10 To 20, Deduct</i>	-35.36	
			<i>For >20 To 40, Deduct</i>	-65.72	
			<i>For >40, Deduct</i>	-136.43	
26 56 13 00-0302	EA		16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	1,163.55	323.55
			<i>For Bronze Or Satin Anodized Finish, Add</i>	51.65	
			<i>For Black Anodized Finish, Add</i>	103.29	
			<i>For >10 To 20, Deduct</i>	-36.84	
			<i>For >20 To 40, Deduct</i>	-68.51	
			<i>For >40, Deduct</i>	-142.18	
26 56 13 00-0303	EA		16' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,226.27	323.55
			<i>For Bronze Or Satin Anodized Finish, Add</i>	57.92	
			<i>For Black Anodized Finish, Add</i>	115.83	
			<i>For >10 To 20, Deduct</i>	-39.34	
			<i>For >20 To 40, Deduct</i>	-72.90	
			<i>For >40, Deduct</i>	-151.59	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0304	EA		18' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base For Bronze Or Satin Anodized Finish, Add For Black Anodized Finish, Add For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	1,330.71 61.89 123.78 -42.55 -78.91 -164.02	355.91
26 56 13 00-0305	EA		20' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base For Bronze Or Satin Anodized Finish, Add For Black Anodized Finish, Add For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	1,428.87 65.24 130.47 -45.51 -84.49 -175.50	388.26
26 56 13 00-0306	EA		15' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base For Bronze Or Satin Anodized Finish, Add For Black Anodized Finish, Add For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	1,345.50 73.08 146.15 -44.60 -81.89 -171.09	307.38
26 56 13 00-0307	EA		20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base For Bronze Or Satin Anodized Finish, Add For Black Anodized Finish, Add For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	1,659.92 88.34 176.68 -54.75 -100.66 -210.16	388.26
26 56 13 00-0308	EA		20' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base For Bronze Or Satin Anodized Finish, Add For Black Anodized Finish, Add For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	1,777.01 100.05 200.10 -59.43 -108.86 -227.73	388.26
26 56 13 00-0309	EA		25' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base For Bronze Or Satin Anodized Finish, Add For Black Anodized Finish, Add For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	2,145.62 111.03 222.05 -70.29 -129.49 -270.08	517.68
26 56 13 00-0310	EA		30' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base For Bronze Or Satin Anodized Finish, Add For Black Anodized Finish, Add For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	2,483.07 131.83 263.66 -81.85 -150.52 -314.22	582.39
26 56 13 00-0311	EA		20' High, 4" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base For Bronze Or Satin Anodized Finish, Add For Black Anodized Finish, Add For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	1,501.01 72.45 144.90 -48.39 -89.54 -186.33	388.26
26 56 13 00-0312	EA		20' High, 5" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base For Bronze Or Satin Anodized Finish, Add For Black Anodized Finish, Add For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	1,767.60 99.11 198.22 -59.06 -108.20 -226.31	388.26
26 56 13 00-0313	EA		25' High, 5" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base For Bronze Or Satin Anodized Finish, Add For Black Anodized Finish, Add For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	2,128.89 109.35 218.71 -69.63 -128.32 -267.57	517.68
26 56 13 00-0314	EA		25' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base For Bronze Or Satin Anodized Finish, Add For Black Anodized Finish, Add For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	2,280.48 124.51 249.02 -75.69 -138.93 -290.30	517.68
26 56 13 00-0315	EA		30' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base For Bronze Or Satin Anodized Finish, Add For Black Anodized Finish, Add For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	2,654.52 148.98 297.95 -88.71 -162.52 -339.94	582.39
26 56 13 00-0316			Round Straight, Aluminum Area Light Poles, Hinged Anchor Base (26 56 13 00-0295)		
26 56 13 00-0317	EA		8' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base For Bronze, Satin Or Black Anodized Finish, Add For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	902.62 77.15 -30.28 -55.42 -115.98	194.13
26 56 13 00-0318	EA		10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base For Bronze, Satin Or Black Anodized Finish, Add For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	1,009.14 83.43 -33.57 -61.58 -128.72	226.48
26 56 13 00-0319	EA		12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base For Bronze, Satin Or Black Anodized Finish, Add For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	1,111.49 89.07 -36.69 -67.45 -140.84	258.84

26 Electrical

26 50 Lighting

26 56 Exterior Lighting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0320	EA	14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,193.97 91.74 -39.02 -71.93 -149.98	291.19
26 56	13 00-0321	EA	16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,289.00 96.29 -41.85 -77.29 -161.00	323.55
26 56	13 00-0322	EA	10' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,031.10 86.72 -34.45 -63.12 -132.02	226.48
26 56	13 00-0323	EA	12' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,131.35 92.05 -37.49 -68.84 -143.82	258.84
26 56	13 00-0324	EA	14' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,234.74 97.85 -40.65 -74.78 -156.09	291.19
26 56	13 00-0325	EA	16' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,337.09 103.50 -43.78 -80.65 -168.21	323.55
26 56	13 00-0326	EA	18' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,444.66 109.93 -47.11 -86.89 -181.11	355.91
26 56	13 00-0327	EA	20' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,545.96 115.42 -50.19 -92.69 -193.07	388.26
26 56	13 00-0328	EA	12' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,172.13 98.17 -39.12 -71.70 -149.94	258.84
26 56	13 00-0329	EA	14' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,282.83 105.07 -42.58 -78.15 -163.31	291.19
26 56	13 00-0330	EA	16' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,392.50 111.81 -45.99 -84.53 -176.52	323.55
26 56	13 00-0331	EA	18' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,504.25 118.87 -49.49 -91.06 -190.05	355.91
26 56	13 00-0332	EA	16' High, 6" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,451.04 120.59 -48.34 -88.63 -185.30	323.55
26 56	13 00-0333	EA	20' High, 6" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,682.92 135.96 -55.67 -102.27 -213.61	388.26
26 56	13 00-0334	EA	12' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,210.81 103.97 -40.67 -74.40 -155.74	258.84
26 56	13 00-0335	EA	14' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,333.02 112.59 -44.58 -81.66 -170.83	291.19
26 56	13 00-0336	EA	16' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,444.77 119.65 -48.08 -88.19 -184.36	323.55
26 56	13 00-0337	EA	18' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,562.80 127.65 -51.83 -95.16 -198.83	355.91

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0338	EA		20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,677.69 135.18 -55.46 -101.91 -212.83	388.26
26 56 13 00-0339	EA		16' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,521.09 131.10 -51.14 -93.53 -195.81	323.55
26 56 13 00-0340	EA		18' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,648.52 140.51 -55.26 -101.16 -211.69	355.91
26 56 13 00-0341	EA		20' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,710.10 140.04 -56.76 -104.18 -217.69	388.26
26 56 13 00-0342			Round Straight, Aluminum Area Light Poles, Direct Burial (26 56 13 00-0295) Note: Includes rubberized undercoating on embedded portion.		
26 56 13 00-0343	EA		10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	708.27 38.47 76.94 -23.48 -43.11 -90.06	161.77
26 56 13 00-0344	EA		12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	760.50 40.46 80.92 -25.08 -46.12 -96.28	177.95
26 56 13 00-0345	EA		14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	839.89 45.16 90.33 -27.77 -51.03 -106.57	194.13
26 56 13 00-0346	EA		15' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	863.94 47.57 95.14 -28.73 -52.71 -110.18	194.13
26 56 13 00-0347	EA		16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	894.25 50.60 101.20 -29.95 -54.83 -114.72	194.13
26 56 13 00-0348	EA		18' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,018.61 59.80 119.60 -34.44 -62.89 -131.76	210.31
26 56 13 00-0349	EA		20' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,089.64 63.67 127.33 -36.79 -67.22 -140.80	226.48
26 56 13 00-0350	EA		20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,251.69 79.87 159.74 -43.27 -78.56 -165.11	226.48
26 56 13 00-0351	EA		25' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,524.44 100.68 201.35 -53.21 -96.36 -202.78	258.84
26 56 13 00-0352	EA		30' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,729.24 114.69 229.37 -60.43 -109.40 -230.27	291.19
26 56 13 00-0353	EA		30' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Direct Burial <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,920.55 133.82 267.63 -68.09 -122.79 -258.96	291.19

26 Electrical

26 50 Lighting

26 56 Exterior Lighting



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0354			Round Tapered, Aluminum Area Light Poles <small>(26 56 13 00-0294)</small>		
26 56 13 00-0355			Round Tapered, Aluminum Area Light Poles, Anchor Base <small>(26 56 13 00-0354)</small>		
26 56 13 00-0356	EA		8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	684.12	194.13
			For Bronze Or Satin Anodized Finish, Add	29.59	
			For Black Anodized Finish, Add	59.17	
			For >10 To 20, Deduct	-21.54	
			For >20 To 40, Deduct	-40.12	
			For >40, Deduct	-83.21	
26 56 13 00-0357	EA		10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	772.87	226.48
			For Bronze Or Satin Anodized Finish, Add	31.99	
			For Black Anodized Finish, Add	63.98	
			For >10 To 20, Deduct	-24.12	
			For >20 To 40, Deduct	-45.04	
			For >40, Deduct	-93.28	
26 56 13 00-0358	EA		12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	861.63	258.84
			For Bronze Or Satin Anodized Finish, Add	34.40	
			For Black Anodized Finish, Add	68.79	
			For >10 To 20, Deduct	-26.70	
			For >20 To 40, Deduct	-49.96	
			For >40, Deduct	-103.36	
26 56 13 00-0359	EA		14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	959.79	291.19
			For Bronze Or Satin Anodized Finish, Add	37.74	
			For Black Anodized Finish, Add	75.48	
			For >10 To 20, Deduct	-29.66	
			For >20 To 40, Deduct	-55.54	
			For >40, Deduct	-114.85	
26 56 13 00-0360	EA		16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,056.91	323.55
			For Bronze Or Satin Anodized Finish, Add	40.98	
			For Black Anodized Finish, Add	81.96	
			For >10 To 20, Deduct	-32.57	
			For >20 To 40, Deduct	-61.04	
			For >40, Deduct	-126.18	
26 56 13 00-0361	EA		10' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	800.06	226.48
			For Bronze Or Satin Anodized Finish, Add	34.71	
			For Black Anodized Finish, Add	69.42	
			For >10 To 20, Deduct	-25.21	
			For >20 To 40, Deduct	-46.94	
			For >40, Deduct	-97.36	
26 56 13 00-0362	EA		12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	904.49	258.84
			For Bronze Or Satin Anodized Finish, Add	38.68	
			For Black Anodized Finish, Add	77.36	
			For >10 To 20, Deduct	-28.41	
			For >20 To 40, Deduct	-52.96	
			For >40, Deduct	-109.79	
26 56 13 00-0363	EA		14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,005.79	291.19
			For Bronze Or Satin Anodized Finish, Add	42.34	
			For Black Anodized Finish, Add	84.68	
			For >10 To 20, Deduct	-31.50	
			For >20 To 40, Deduct	-58.76	
			For >40, Deduct	-121.75	
26 56 13 00-0364	EA		18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,201.08	355.91
			For Bronze Or Satin Anodized Finish, Add	48.93	
			For Black Anodized Finish, Add	97.85	
			For >10 To 20, Deduct	-37.37	
			For >20 To 40, Deduct	-69.84	
			For >40, Deduct	-144.57	
26 56 13 00-0365	EA		20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,291.92	388.26
			For Bronze Or Satin Anodized Finish, Add	51.54	
			For Black Anodized Finish, Add	103.08	
			For >10 To 20, Deduct	-40.03	
			For >20 To 40, Deduct	-74.90	
			For >40, Deduct	-154.96	
26 56 13 00-0366	EA		12' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	943.17	258.84
			For Bronze Or Satin Anodized Finish, Add	42.55	
			For Black Anodized Finish, Add	85.10	
			For >10 To 20, Deduct	-29.96	
			For >20 To 40, Deduct	-55.67	
			For >40, Deduct	-115.59	
26 56 13 00-0367	EA		14' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,050.75	291.19
			For Bronze Or Satin Anodized Finish, Add	46.84	
			For Black Anodized Finish, Add	93.67	
			For >10 To 20, Deduct	-33.29	
			For >20 To 40, Deduct	-61.90	
			For >40, Deduct	-128.49	
26 56 13 00-0368	EA		16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,165.64	323.55
			For Bronze Or Satin Anodized Finish, Add	51.85	
			For Black Anodized Finish, Add	103.71	
			For >10 To 20, Deduct	-36.92	
			For >20 To 40, Deduct	-68.65	
			For >40, Deduct	-142.49	
26 56 13 00-0369	EA		18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,261.71	355.91
			For Bronze Or Satin Anodized Finish, Add	54.99	
			For Black Anodized Finish, Add	109.98	
			For >10 To 20, Deduct	-39.79	
			For >20 To 40, Deduct	-74.08	
			For >40, Deduct	-153.67	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0370	EA		20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,372.42	388.26
			<i>For Bronze Or Satin Anodized Finish, Add</i>	59.59	
			<i>For Black Anodized Finish, Add</i>	119.18	
			<i>For >10 To 20, Deduct</i>	-43.25	
			<i>For >20 To 40, Deduct</i>	-80.54	
			<i>For >40, Deduct</i>	-167.04	
26 56 13 00-0371	EA		16' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,268.09	323.55
			<i>For Bronze Or Satin Anodized Finish, Add</i>	62.10	
			<i>For Black Anodized Finish, Add</i>	124.20	
			<i>For >10 To 20, Deduct</i>	-41.02	
			<i>For >20 To 40, Deduct</i>	-75.82	
			<i>For >40, Deduct</i>	-157.86	
26 56 13 00-0372	EA		18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,392.39	355.91
			<i>For Bronze Or Satin Anodized Finish, Add</i>	68.06	
			<i>For Black Anodized Finish, Add</i>	136.12	
			<i>For >10 To 20, Deduct</i>	-45.02	
			<i>For >20 To 40, Deduct</i>	-83.23	
			<i>For >40, Deduct</i>	-173.27	
26 56 13 00-0373	EA		20' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,473.83	388.26
			<i>For Bronze Or Satin Anodized Finish, Add</i>	69.73	
			<i>For Black Anodized Finish, Add</i>	139.46	
			<i>For >10 To 20, Deduct</i>	-47.31	
			<i>For >20 To 40, Deduct</i>	-87.64	
			<i>For >40, Deduct</i>	-182.25	
26 56 13 00-0374	EA		23' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,696.29	452.97
			<i>For Bronze Or Satin Anodized Finish, Add</i>	79.04	
			<i>For Black Anodized Finish, Add</i>	158.07	
			<i>For >10 To 20, Deduct</i>	-54.26	
			<i>For >20 To 40, Deduct</i>	-100.62	
			<i>For >40, Deduct</i>	-209.15	
26 56 13 00-0375	EA		25' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,925.03	517.68
			<i>For Bronze Or Satin Anodized Finish, Add</i>	88.97	
			<i>For Black Anodized Finish, Add</i>	177.93	
			<i>For >10 To 20, Deduct</i>	-61.47	
			<i>For >20 To 40, Deduct</i>	-114.04	
			<i>For >40, Deduct</i>	-236.99	
26 56 13 00-0376	EA		18' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,494.84	355.91
			<i>For Bronze Or Satin Anodized Finish, Add</i>	78.30	
			<i>For Black Anodized Finish, Add</i>	156.61	
			<i>For >10 To 20, Deduct</i>	-49.12	
			<i>For >20 To 40, Deduct</i>	-90.40	
			<i>For >40, Deduct</i>	-188.64	
26 56 13 00-0377	EA		20' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,598.24	388.26
			<i>For Bronze Or Satin Anodized Finish, Add</i>	82.17	
			<i>For Black Anodized Finish, Add</i>	164.34	
			<i>For >10 To 20, Deduct</i>	-52.28	
			<i>For >20 To 40, Deduct</i>	-96.35	
			<i>For >40, Deduct</i>	-200.91	
26 56 13 00-0378	EA		23' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,794.56	452.97
			<i>For Bronze Or Satin Anodized Finish, Add</i>	88.86	
			<i>For Black Anodized Finish, Add</i>	177.72	
			<i>For >10 To 20, Deduct</i>	-58.19	
			<i>For >20 To 40, Deduct</i>	-107.50	
			<i>For >40, Deduct</i>	-223.89	
26 56 13 00-0379	EA		25' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,000.30	517.68
			<i>For Bronze Or Satin Anodized Finish, Add</i>	96.49	
			<i>For Black Anodized Finish, Add</i>	192.99	
			<i>For >10 To 20, Deduct</i>	-64.48	
			<i>For >20 To 40, Deduct</i>	-119.31	
			<i>For >40, Deduct</i>	-248.28	
26 56 13 00-0380	EA		28' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,149.69	550.03
			<i>For Bronze Or Satin Anodized Finish, Add</i>	104.96	
			<i>For Black Anodized Finish, Add</i>	209.92	
			<i>For >10 To 20, Deduct</i>	-69.49	
			<i>For >20 To 40, Deduct</i>	-128.48	
			<i>For >40, Deduct</i>	-267.45	
26 56 13 00-0381	EA		30' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,301.16	582.39
			<i>For Bronze Or Satin Anodized Finish, Add</i>	113.64	
			<i>For Black Anodized Finish, Add</i>	227.28	
			<i>For >10 To 20, Deduct</i>	-74.57	
			<i>For >20 To 40, Deduct</i>	-137.79	
			<i>For >40, Deduct</i>	-286.94	
26 56 13 00-0382	EA		23' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,891.79	452.97
			<i>For Bronze Or Satin Anodized Finish, Add</i>	98.59	
			<i>For Black Anodized Finish, Add</i>	197.17	
			<i>For >10 To 20, Deduct</i>	-62.08	
			<i>For >20 To 40, Deduct</i>	-114.31	
			<i>For >40, Deduct</i>	-238.47	
26 56 13 00-0383	EA		25' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,065.12	517.68
			<i>For Bronze Or Satin Anodized Finish, Add</i>	102.98	
			<i>For Black Anodized Finish, Add</i>	205.95	
			<i>For >10 To 20, Deduct</i>	-67.07	
			<i>For >20 To 40, Deduct</i>	-123.85	
			<i>For >40, Deduct</i>	-258.00	
26 56 13 00-0384	EA		28' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,219.74	550.03
			<i>For Bronze Or Satin Anodized Finish, Add</i>	111.97	
			<i>For Black Anodized Finish, Add</i>	223.93	
			<i>For >10 To 20, Deduct</i>	-72.29	
			<i>For >20 To 40, Deduct</i>	-133.38	
			<i>For >40, Deduct</i>	-277.96	

26 Electrical

26 50 Lighting

26 56 Exterior Lighting



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 56 13 00-0385	EA 30' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,409.89	582.39
	For Bronze Or Satin Anodized Finish, Add	124.51	
	For Black Anodized Finish, Add	249.02	
	For >10 To 20, Deduct	-78.92	
	For >20 To 40, Deduct	-145.40	
	For >40, Deduct	-303.25	
26 56 13 00-0386	EA 33' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,489.29	598.57
	For Bronze Or Satin Anodized Finish, Add	129.22	
	For Black Anodized Finish, Add	258.43	
	For >10 To 20, Deduct	-81.61	
	For >20 To 40, Deduct	-150.31	
	For >40, Deduct	-313.54	
26 56 13 00-0387	EA 35' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,648.15	614.74
	For Bronze Or Satin Anodized Finish, Add	141.87	
	For Black Anodized Finish, Add	283.73	
	For >10 To 20, Deduct	-87.48	
	For >20 To 40, Deduct	-160.78	
	For >40, Deduct	-335.75	
26 56 13 00-0388	EA 12' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	986.04	258.84
	For Bronze Or Satin Anodized Finish, Add	46.84	
	For Black Anodized Finish, Add	93.67	
	For >10 To 20, Deduct	-31.68	
	For >20 To 40, Deduct	-58.67	
	For >40, Deduct	-122.02	
26 56 13 00-0389	EA 14' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,100.93	291.19
	For Bronze Or Satin Anodized Finish, Add	51.85	
	For Black Anodized Finish, Add	103.71	
	For >10 To 20, Deduct	-35.30	
	For >20 To 40, Deduct	-65.42	
	For >40, Deduct	-136.02	
26 56 13 00-0390	EA 16' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,220.00	323.55
	For Bronze Or Satin Anodized Finish, Add	57.29	
	For Black Anodized Finish, Add	114.58	
	For >10 To 20, Deduct	-39.09	
	For >20 To 40, Deduct	-72.46	
	For >40, Deduct	-150.65	
26 56 13 00-0391	EA 18' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,327.57	355.91
	For Bronze Or Satin Anodized Finish, Add	61.58	
	For Black Anodized Finish, Add	123.15	
	For >10 To 20, Deduct	-42.43	
	For >20 To 40, Deduct	-78.69	
	For >40, Deduct	-163.55	
26 56 13 00-0392	EA 20' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,434.10	388.26
	For Bronze Or Satin Anodized Finish, Add	65.76	
	For Black Anodized Finish, Add	131.52	
	For >10 To 20, Deduct	-45.72	
	For >20 To 40, Deduct	-84.86	
	For >40, Deduct	-176.29	
26 56 13 00-0393	EA 16' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,333.95	323.55
	For Bronze Or Satin Anodized Finish, Add	68.69	
	For Black Anodized Finish, Add	137.37	
	For >10 To 20, Deduct	-43.65	
	For >20 To 40, Deduct	-80.43	
	For >40, Deduct	-167.74	
26 56 13 00-0394	EA 18' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,461.39	355.91
	For Bronze Or Satin Anodized Finish, Add	74.96	
	For Black Anodized Finish, Add	149.92	
	For >10 To 20, Deduct	-47.78	
	For >20 To 40, Deduct	-88.06	
	For >40, Deduct	-183.62	
26 56 13 00-0395	EA 20' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,556.42	388.26
	For Bronze Or Satin Anodized Finish, Add	77.99	
	For Black Anodized Finish, Add	155.98	
	For >10 To 20, Deduct	-50.61	
	For >20 To 40, Deduct	-93.42	
	For >40, Deduct	-194.64	
26 56 13 00-0396	EA 23' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,773.66	452.97
	For Bronze Or Satin Anodized Finish, Add	86.77	
	For Black Anodized Finish, Add	173.54	
	For >10 To 20, Deduct	-57.36	
	For >20 To 40, Deduct	-106.04	
	For >40, Deduct	-220.75	
26 56 13 00-0397	EA 25' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,997.16	517.68
	For Bronze Or Satin Anodized Finish, Add	96.18	
	For Black Anodized Finish, Add	192.36	
	For >10 To 20, Deduct	-64.36	
	For >20 To 40, Deduct	-119.09	
	For >40, Deduct	-247.81	
26 56 13 00-0398	EA 23' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,009.92	452.97
	For Bronze Or Satin Anodized Finish, Add	110.40	
	For Black Anodized Finish, Add	220.80	
	For >10 To 20, Deduct	-66.81	
	For >20 To 40, Deduct	-122.58	
	For >40, Deduct	-256.19	
26 56 13 00-0399	EA 25' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,221.93	517.68
	For Bronze Or Satin Anodized Finish, Add	118.66	
	For Black Anodized Finish, Add	237.31	
	For >10 To 20, Deduct	-73.35	
	For >20 To 40, Deduct	-134.83	
	For >40, Deduct	-281.52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0400	EA		28' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,389.10	550.03
			For Bronze Or Satin Anodized Finish, Add	128.90	
			For Black Anodized Finish, Add	257.81	
			For >10 To 20, Deduct	-79.06	
			For >20 To 40, Deduct	-145.24	
			For >40, Deduct	-303.36	
26 56 13 00-0401	EA		30' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,538.48	582.39
			For Bronze Or Satin Anodized Finish, Add	137.37	
			For Black Anodized Finish, Add	274.74	
			For >10 To 20, Deduct	-84.07	
			For >20 To 40, Deduct	-154.40	
			For >40, Deduct	-322.53	
26 56 13 00-0402	EA		33' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,672.25	598.57
			For Bronze Or Satin Anodized Finish, Add	147.51	
			For Black Anodized Finish, Add	295.02	
			For >10 To 20, Deduct	-88.93	
			For >20 To 40, Deduct	-163.11	
			For >40, Deduct	-340.98	
26 56 13 00-0403	EA		35' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,789.29	614.74
			For Bronze Or Satin Anodized Finish, Add	155.98	
			For Black Anodized Finish, Add	311.96	
			For >10 To 20, Deduct	-93.13	
			For >20 To 40, Deduct	-170.66	
			For >40, Deduct	-356.92	
26 56 13 00-0404	EA		37' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,889.59	630.93
			For Bronze Or Satin Anodized Finish, Add	162.78	
			For Black Anodized Finish, Add	325.55	
			For >10 To 20, Deduct	-96.66	
			For >20 To 40, Deduct	-177.03	
			For >40, Deduct	-370.35	
26 56 13 00-0405	EA		39' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,068.31	647.10
			For Bronze Or Satin Anodized Finish, Add	177.41	
			For Black Anodized Finish, Add	354.82	
			For >10 To 20, Deduct	-103.32	
			For >20 To 40, Deduct	-188.90	
			For >40, Deduct	-395.54	
26 56 13 00-0406	EA		28' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,840.73	550.03
			For Bronze Or Satin Anodized Finish, Add	174.07	
			For Black Anodized Finish, Add	348.13	
			For >10 To 20, Deduct	-97.13	
			For >20 To 40, Deduct	-176.85	
			For >40, Deduct	-371.11	
26 56 13 00-0407	EA		30' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,061.20	582.39
			For Bronze Or Satin Anodized Finish, Add	189.64	
			For Black Anodized Finish, Add	379.29	
			For >10 To 20, Deduct	-104.98	
			For >20 To 40, Deduct	-190.99	
			For >40, Deduct	-400.94	
26 56 13 00-0408	EA		33' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,215.87	598.57
			For Bronze Or Satin Anodized Finish, Add	201.87	
			For Black Anodized Finish, Add	403.75	
			For >10 To 20, Deduct	-110.68	
			For >20 To 40, Deduct	-201.17	
			For >40, Deduct	-422.52	
26 56 13 00-0409	EA		35' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,333.96	614.74
			For Bronze Or Satin Anodized Finish, Add	210.45	
			For Black Anodized Finish, Add	420.89	
			For >10 To 20, Deduct	-114.92	
			For >20 To 40, Deduct	-208.79	
			For >40, Deduct	-438.62	
26 56 13 00-0410	EA		37' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,400.81	630.93
			For Bronze Or Satin Anodized Finish, Add	213.90	
			For Black Anodized Finish, Add	427.79	
			For >10 To 20, Deduct	-117.10	
			For >20 To 40, Deduct	-212.82	
			For >40, Deduct	-447.03	
26 56 13 00-0411	EA		39' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,597.30	647.10
			For Bronze Or Satin Anodized Finish, Add	230.31	
			For Black Anodized Finish, Add	460.62	
			For >10 To 20, Deduct	-124.48	
			For >20 To 40, Deduct	-225.93	
			For >40, Deduct	-474.89	
26 56 13 00-0412	EA		28' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,697.50	550.03
			For Bronze Or Satin Anodized Finish, Add	159.74	
			For Black Anodized Finish, Add	319.49	
			For >10 To 20, Deduct	-91.40	
			For >20 To 40, Deduct	-166.82	
			For >40, Deduct	-349.62	
26 56 13 00-0413	EA		30' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,899.15	582.39
			For Bronze Or Satin Anodized Finish, Add	173.44	
			For Black Anodized Finish, Add	346.88	
			For >10 To 20, Deduct	-98.49	
			For >20 To 40, Deduct	-179.65	
			For >40, Deduct	-376.63	
26 56 13 00-0414	EA		33' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,978.56	598.57
			For Bronze Or Satin Anodized Finish, Add	178.14	
			For Black Anodized Finish, Add	356.29	
			For >10 To 20, Deduct	-101.19	
			For >20 To 40, Deduct	-184.56	
			For >40, Deduct	-386.93	

26 Electrical

26 50 Lighting

26 56 Exterior Lighting



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 56 13 00-0415	EA 35' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	3,178.19 194.87 389.74 -108.69 -197.88 -415.25	614.74
26 56 13 00-0416	EA 37' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	3,277.45 201.56 403.12 -112.17 -204.18 -428.53	630.93
26 56 13 00-0417	EA 39' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	3,474.99 218.08 436.16 -119.59 -217.37 -456.54	647.10
26 56 13 00-0418	EA 28' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	3,351.95 225.19 450.38 -117.58 -212.64 -447.79	550.03
26 56 13 00-0419	EA 30' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	3,544.19 237.94 475.88 -124.30 -224.80 -473.39	582.39
26 56 13 00-0420	EA 33' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	3,700.96 250.38 500.77 -130.08 -235.12 -495.29	598.57
26 56 13 00-0421	EA 35' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	3,942.41 271.29 542.58 -139.25 -251.38 -529.89	614.74
26 56 13 00-0422	EA 37' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	3,997.76 273.59 547.18 -140.98 -254.61 -536.57	630.93
26 56 13 00-0423	EA 39' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	4,238.16 294.40 588.79 -150.11 -270.79 -571.01	647.10
26 56 13 00-0424	EA 48' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	5,369.30 342.80 685.60 -185.65 -337.03 -708.33	970.65
26 56 13 00-0425	EA 50' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	5,498.93 355.76 711.53 -190.84 -346.10 -727.77	970.65
26 56 13 00-0426	Round Tapered, Aluminum Area Light Poles, Hinged Anchor Base <small>(26 56 13 00-0354)</small>		
26 56 13 00-0427	EA 8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	908.89 78.09 -30.53 -55.86 -116.92	194.13
26 56 13 00-0428	EA 10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	995.55 81.39 -33.03 -60.63 -126.68	226.48
26 56 13 00-0429	EA 12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,083.26 84.84 -35.57 -65.47 -136.61	258.84
26 56 13 00-0430	EA 14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,173.06 88.60 -38.19 -70.47 -146.84	291.19

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0431	EA		16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,261.82	323.55
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	92.21	
			<i>For >10 To 20, Deduct</i>	-40.77	
			<i>For >20 To 40, Deduct</i>	-75.39	
			<i>For >40, Deduct</i>	-156.92	
26 56 13 00-0432	EA		10' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,008.10	226.48
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	83.27	
			<i>For >10 To 20, Deduct</i>	-33.53	
			<i>For >20 To 40, Deduct</i>	-61.51	
			<i>For >40, Deduct</i>	-128.57	
26 56 13 00-0433	EA		12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,097.90	258.84
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	87.03	
			<i>For >10 To 20, Deduct</i>	-36.15	
			<i>For >20 To 40, Deduct</i>	-66.50	
			<i>For >40, Deduct</i>	-138.80	
26 56 13 00-0434	EA		14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,189.79	291.19
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	91.11	
			<i>For >10 To 20, Deduct</i>	-38.86	
			<i>For >20 To 40, Deduct</i>	-71.64	
			<i>For >40, Deduct</i>	-149.35	
26 56 13 00-0435	EA		16' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,280.64	323.55
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	95.03	
			<i>For >10 To 20, Deduct</i>	-41.52	
			<i>For >20 To 40, Deduct</i>	-76.70	
			<i>For >40, Deduct</i>	-159.74	
26 56 13 00-0436	EA		18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,385.07	355.91
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	100.99	
			<i>For >10 To 20, Deduct</i>	-44.73	
			<i>For >20 To 40, Deduct</i>	-82.72	
			<i>For >40, Deduct</i>	-172.17	
26 56 13 00-0437	EA		20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,480.10	388.26
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	105.54	
			<i>For >10 To 20, Deduct</i>	-47.56	
			<i>For >20 To 40, Deduct</i>	-88.08	
			<i>For >40, Deduct</i>	-183.19	
26 56 13 00-0438	EA		12' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,138.67	258.84
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	93.15	
			<i>For >10 To 20, Deduct</i>	-37.78	
			<i>For >20 To 40, Deduct</i>	-69.35	
			<i>For >40, Deduct</i>	-144.92	
26 56 13 00-0439	EA		14' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,235.79	291.19
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	98.01	
			<i>For >10 To 20, Deduct</i>	-40.70	
			<i>For >20 To 40, Deduct</i>	-74.86	
			<i>For >40, Deduct</i>	-156.25	
26 56 13 00-0440	EA		16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,345.45	323.55
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	104.75	
			<i>For >10 To 20, Deduct</i>	-44.11	
			<i>For >20 To 40, Deduct</i>	-81.24	
			<i>For >40, Deduct</i>	-169.46	
26 56 13 00-0441	EA		18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,444.66	355.91
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	109.93	
			<i>For >10 To 20, Deduct</i>	-47.11	
			<i>For >20 To 40, Deduct</i>	-86.89	
			<i>For >40, Deduct</i>	-181.11	
26 56 13 00-0442	EA		20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,557.46	388.26
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	117.14	
			<i>For >10 To 20, Deduct</i>	-50.65	
			<i>For >20 To 40, Deduct</i>	-93.49	
			<i>For >40, Deduct</i>	-194.79	
26 56 13 00-0443	EA		16' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,405.04	323.55
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	113.69	
			<i>For >10 To 20, Deduct</i>	-46.50	
			<i>For >20 To 40, Deduct</i>	-85.41	
			<i>For >40, Deduct</i>	-178.40	
26 56 13 00-0444	EA		18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,525.16	355.91
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	122.00	
			<i>For >10 To 20, Deduct</i>	-50.33	
			<i>For >20 To 40, Deduct</i>	-92.53	
			<i>For >40, Deduct</i>	-193.18	
26 56 13 00-0445	EA		20' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,622.28	388.26
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	126.86	
			<i>For >10 To 20, Deduct</i>	-53.24	
			<i>For >20 To 40, Deduct</i>	-98.03	
			<i>For >40, Deduct</i>	-204.52	
26 56 13 00-0446	EA		12' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,171.08	258.84
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	98.01	
			<i>For >10 To 20, Deduct</i>	-39.08	
			<i>For >20 To 40, Deduct</i>	-71.62	
			<i>For >40, Deduct</i>	-149.78	
26 56 13 00-0447	EA		14' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,284.93	291.19
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	105.38	
			<i>For >10 To 20, Deduct</i>	-42.66	
			<i>For >20 To 40, Deduct</i>	-78.30	
			<i>For >40, Deduct</i>	-163.62	
26 56 13 00-0448	EA		16' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,405.04	323.55
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	113.69	
			<i>For >10 To 20, Deduct</i>	-46.50	
			<i>For >20 To 40, Deduct</i>	-85.41	
			<i>For >40, Deduct</i>	-178.40	

26 Electrical

26 50 Lighting

26 56 Exterior Lighting



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 56 13 00-0449	EA 18' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,512.62 120.12 -49.83 -91.65 -191.30	355.91
26 56 13 00-0450	EA 20' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,627.51 127.65 -53.45 -98.40 -205.30	388.26
26 56 13 00-0451	EA 16' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,473.00 123.89 -49.21 -90.17 -188.60	323.55
26 56 13 00-0452	EA 18' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,601.48 133.45 -53.38 -97.87 -204.63	355.91
26 56 13 00-0453	EA 20' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,703.83 139.10 -56.51 -103.74 -216.75	388.26
26 56 13 00-0454	Round Tapered, Aluminum Area Light Poles, Direct Burial <small>(26 56 13 00-0354)</small> Note: Includes rubberized undercoating on embedded portion.		
26 56 13 00-0455	EA 8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	633.00 30.95 61.89 -20.47 -37.84 -78.77	161.77
26 56 13 00-0456	EA 10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	662.27 33.87 67.74 -21.64 -39.89 -83.16	161.77
26 56 13 00-0457	EA 12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	718.68 36.28 72.55 -23.41 -43.19 -90.01	177.95
26 56 13 00-0458	EA 14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	767.75 37.95 75.90 -24.89 -45.98 -95.75	194.13
26 56 13 00-0459	EA 16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	805.39 41.71 83.43 -26.39 -48.61 -101.40	194.13
26 56 13 00-0460	EA 12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	746.90 39.10 78.20 -24.54 -45.16 -94.24	177.95
26 56 13 00-0461	EA 14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	808.53 42.03 84.05 -26.52 -48.83 -101.87	194.13
26 56 13 00-0462	EA 16' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	829.44 44.12 88.24 -27.35 -50.30 -105.00	194.13
26 56 13 00-0463	EA 18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	895.25 47.46 94.93 -29.50 -54.26 -113.26	210.31
26 56 13 00-0464	EA 20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	956.87 50.39 100.78 -31.48 -57.92 -120.88	226.48

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0465	EA		16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	890.07	194.13
			For Bronze Or Satin Anodized Finish, Add	50.18	
			For Black Anodized Finish, Add	100.36	
			For >10 To 20, Deduct	-29.78	
			For >20 To 40, Deduct	-54.54	
			For >40, Deduct	-114.10	
26 56 13 00-0466	EA		18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	962.16	210.31
			For Bronze Or Satin Anodized Finish, Add	54.15	
			For Black Anodized Finish, Add	108.31	
			For >10 To 20, Deduct	-32.18	
			For >20 To 40, Deduct	-58.94	
			For >40, Deduct	-123.29	
26 56 13 00-0467	EA		20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,029.01	226.48
			For Bronze Or Satin Anodized Finish, Add	57.60	
			For Black Anodized Finish, Add	115.21	
			For >10 To 20, Deduct	-34.37	
			For >20 To 40, Deduct	-62.97	
			For >40, Deduct	-131.70	
26 56 13 00-0468	EA		18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,047.88	210.31
			For Bronze Or Satin Anodized Finish, Add	62.73	
			For Black Anodized Finish, Add	125.45	
			For >10 To 20, Deduct	-35.61	
			For >20 To 40, Deduct	-64.94	
			For >40, Deduct	-136.15	
26 56 13 00-0469	EA		25' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,340.44	258.84
			For Bronze Or Satin Anodized Finish, Add	82.28	
			For Black Anodized Finish, Add	164.55	
			For >10 To 20, Deduct	-45.85	
			For >20 To 40, Deduct	-83.48	
			For >40, Deduct	-175.18	
26 56 13 00-0470	EA		25' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,458.58	258.84
			For Bronze Or Satin Anodized Finish, Add	94.09	
			For Black Anodized Finish, Add	188.18	
			For >10 To 20, Deduct	-50.58	
			For >20 To 40, Deduct	-91.75	
			For >40, Deduct	-192.90	
26 56 13 00-0471	EA		30' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,624.69	291.19
			For Bronze Or Satin Anodized Finish, Add	104.23	
			For Black Anodized Finish, Add	208.46	
			For >10 To 20, Deduct	-56.25	
			For >20 To 40, Deduct	-102.08	
			For >40, Deduct	-214.58	
26 56 13 00-0472	EA		30' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,753.28	291.19
			For Bronze Or Satin Anodized Finish, Add	117.09	
			For Black Anodized Finish, Add	234.18	
			For >10 To 20, Deduct	-61.40	
			For >20 To 40, Deduct	-111.08	
			For >40, Deduct	-233.87	
26 56 13 00-0473			Square Straight, Aluminum Area Light Poles <small>(26 56 13 00-0294)</small>		
26 56 13 00-0474			Square Straight, Aluminum Area Light Poles, Anchor Base <small>(26 56 13 00-0473)</small>		
26 56 13 00-0475	EA		8' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	820.03	194.13
			For Bronze Or Satin Anodized Finish, Add	43.18	
			For Black Anodized Finish, Add	86.35	
			For >10 To 20, Deduct	-26.98	
			For >20 To 40, Deduct	-49.64	
			For >40, Deduct	-103.59	
26 56 13 00-0476	EA		10' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	906.69	226.48
			For Bronze Or Satin Anodized Finish, Add	45.37	
			For Black Anodized Finish, Add	90.74	
			For >10 To 20, Deduct	-29.47	
			For >20 To 40, Deduct	-54.41	
			For >40, Deduct	-113.36	
26 56 13 00-0477	EA		12' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,001.72	258.84
			For Bronze Or Satin Anodized Finish, Add	48.40	
			For Black Anodized Finish, Add	96.81	
			For >10 To 20, Deduct	-32.30	
			For >20 To 40, Deduct	-59.77	
			For >40, Deduct	-124.37	
26 56 13 00-0478	EA		14' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,095.70	291.19
			For Bronze Or Satin Anodized Finish, Add	51.33	
			For Black Anodized Finish, Add	102.66	
			For >10 To 20, Deduct	-35.09	
			For >20 To 40, Deduct	-65.05	
			For >40, Deduct	-135.24	
26 56 13 00-0479	EA		15' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,146.87	307.38
			For Bronze Or Satin Anodized Finish, Add	53.21	
			For Black Anodized Finish, Add	106.43	
			For >10 To 20, Deduct	-36.65	
			For >20 To 40, Deduct	-67.99	
			For >40, Deduct	-141.29	
26 56 13 00-0480	EA		16' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,198.05	323.55
			For Bronze Or Satin Anodized Finish, Add	55.10	
			For Black Anodized Finish, Add	110.19	
			For >10 To 20, Deduct	-38.22	
			For >20 To 40, Deduct	-70.92	
			For >40, Deduct	-147.35	

26 Electrical

26 50 Lighting

26 56 Exterior Lighting



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 56 13 00-0481	EA 18' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,298.30 58.65 117.30 -41.25 -76.64 -159.15	355.91
26 56 13 00-0482	EA 20' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,407.97 63.15 126.29 -44.67 -83.03 -172.37	388.26
26 56 13 00-0483	EA 16' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,270.18 62.31 124.62 -41.10 -75.97 -158.17	323.55
26 56 13 00-0484	EA 18' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,372.53 66.07 132.14 -44.22 -81.84 -170.29	355.91
26 56 13 00-0485	EA 20' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,488.46 71.19 142.39 -47.89 -88.66 -184.44	388.26
26 56 13 00-0486	EA 15' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,460.50 84.58 169.15 -49.20 -89.94 -188.34	307.38
26 56 13 00-0487	EA 20' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,788.51 101.20 202.40 -59.89 -109.67 -229.45	388.26
26 56 13 00-0488	EA 25' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,178.03 114.27 228.53 -71.59 -131.75 -274.94	517.68
26 56 13 00-0489	EA 20' High, 4" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,553.28 77.68 155.35 -50.48 -93.20 -194.17	388.26
26 56 13 00-0490	EA 20' High, 5" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,915.00 113.85 227.70 -64.95 -118.52 -248.42	388.26
26 56 13 00-0491	EA 25' High, 5" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,293.02 125.77 251.53 -76.19 -139.80 -292.19	517.68
26 56 13 00-0492	EA 20' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,113.64 133.71 267.42 -72.90 -132.42 -278.22	388.26
26 56 13 00-0493	EA 25' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,552.29 151.69 303.39 -86.56 -157.95 -331.08	517.68
26 56 13 00-0494	EA 30' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,951.43 178.67 357.33 -100.59 -183.30 -384.48	582.39

26 56 13 00-0495 Square Straight, Aluminum Area Light Poles, Direct Burial (26 56 13 00-0473)
Note: Includes rubberized undercoating on embedded portion.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0496	EA		10' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	735.45	161.77
			For Bronze Or Satin Anodized Finish, Add	41.19	
			For Black Anodized Finish, Add	82.38	
			For >10 To 20, Deduct	-24.56	
			For >20 To 40, Deduct	-45.01	
			For >40, Deduct	-94.14	
26 56 13 00-0497	EA		12' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	821.13	177.95
			For Bronze Or Satin Anodized Finish, Add	46.52	
			For Black Anodized Finish, Add	93.04	
			For >10 To 20, Deduct	-27.51	
			For >20 To 40, Deduct	-50.36	
			For >40, Deduct	-105.37	
26 56 13 00-0498	EA		14' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	875.44	194.13
			For Bronze Or Satin Anodized Finish, Add	48.72	
			For Black Anodized Finish, Add	97.44	
			For >10 To 20, Deduct	-29.19	
			For >20 To 40, Deduct	-53.52	
			For >40, Deduct	-111.90	
26 56 13 00-0499	EA		15' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	901.57	194.13
			For Bronze Or Satin Anodized Finish, Add	51.33	
			For Black Anodized Finish, Add	102.66	
			For >10 To 20, Deduct	-30.24	
			For >20 To 40, Deduct	-55.34	
			For >40, Deduct	-115.82	
26 56 13 00-0500	EA		16' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	933.98	194.13
			For Bronze Or Satin Anodized Finish, Add	54.57	
			For Black Anodized Finish, Add	109.14	
			For >10 To 20, Deduct	-31.54	
			For >20 To 40, Deduct	-57.61	
			For >40, Deduct	-120.68	
26 56 13 00-0501	EA		18' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,077.16	210.31
			For Bronze Or Satin Anodized Finish, Add	65.65	
			For Black Anodized Finish, Add	131.31	
			For >10 To 20, Deduct	-36.78	
			For >20 To 40, Deduct	-66.99	
			For >40, Deduct	-140.54	
26 56 13 00-0502	EA		20' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,154.46	226.48
			For Bronze Or Satin Anodized Finish, Add	70.15	
			For Black Anodized Finish, Add	140.30	
			For >10 To 20, Deduct	-39.38	
			For >20 To 40, Deduct	-71.75	
			For >40, Deduct	-150.52	
26 56 13 00-0503	EA		20' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,318.59	226.48
			For Bronze Or Satin Anodized Finish, Add	86.56	
			For Black Anodized Finish, Add	173.12	
			For >10 To 20, Deduct	-45.95	
			For >20 To 40, Deduct	-83.24	
			For >40, Deduct	-175.14	
26 56 13 00-0504	EA		25' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,515.03	258.84
			For Bronze Or Satin Anodized Finish, Add	99.74	
			For Black Anodized Finish, Add	199.47	
			For >10 To 20, Deduct	-52.84	
			For >20 To 40, Deduct	-95.70	
			For >40, Deduct	-201.37	
26 56 13 00-0505	EA		25' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Direct Burial	1,881.98	258.84
			For Bronze Or Satin Anodized Finish, Add	136.43	
			For Black Anodized Finish, Add	272.86	
			For >10 To 20, Deduct	-67.51	
			For >20 To 40, Deduct	-121.39	
			For >40, Deduct	-256.41	
26 56 13 00-0506			Factory Accessories For Aluminum Area Light Poles (26 56 13 00-0294)		
26 56 13 00-0507	EA		1/2", 3/4" Or 1" Factory Threaded Pipe Coupling Or Nipple For Aluminum Area Light Poles	91.25	
26 56 13 00-0508	EA		Extra Handhole For Aluminum Area Light Poles	38.97	
26 56 13 00-0509	EA		Vibration Dampener For Aluminum Area Light Poles	138.04	
26 56 13 00-0510			Fiberglass Area Light Poles (26 56 13 00-0177) Note: Includes UV resistant textured weave finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions and tenon top.		
26 56 13 00-0511			Round Tapered, Fiberglass Area Light Poles (26 56 13 00-0510)		
26 56 13 00-0512			Round Tapered, Fiberglass Area Light Poles, Anchor Base (26 56 13 00-0511)		
26 56 13 00-0513	EA		10' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,302.67	226.48
			For >10 To 20, Deduct	-45.31	
			For >20 To 40, Deduct	-82.13	
			For >40, Deduct	-172.75	
26 56 13 00-0514	EA		12' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,417.96	258.84
			For >10 To 20, Deduct	-48.95	
			For >20 To 40, Deduct	-88.90	
			For >40, Deduct	-186.81	
26 56 13 00-0515	EA		14' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,534.69	291.19
			For >10 To 20, Deduct	-52.65	
			For >20 To 40, Deduct	-95.78	
			For >40, Deduct	-201.08	
26 56 13 00-0516	EA		16' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,649.98	323.55
			For >10 To 20, Deduct	-56.29	
			For >20 To 40, Deduct	-102.56	
			For >40, Deduct	-215.14	

26 Electrical

26 50 Lighting

26 56 Exterior Lighting



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 56 13 00-0517	EA 18' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,791.28 -60.97 -111.15 -233.10	355.91
26 56 13 00-0518	EA 20' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,909.45 -64.73 -118.13 -247.59	388.26
26 56 13 00-0519	EA 22' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,090.90 -70.05 -128.24 -268.34	452.97
26 56 13 00-0520	EA 24' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,270.89 -75.31 -138.26 -288.87	517.68
26 56 13 00-0521	EA 26' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,387.95 -79.99 -146.45 -306.42	517.68
26 56 13 00-0522	EA 28' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,555.26 -85.71 -156.87 -328.29	550.03
26 56 13 00-0523	EA 30' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,722.56 -91.43 -167.28 -350.15	582.39
26 56 13 00-0524	EA 10' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,435.62 -50.63 -91.43 -192.69	226.48
26 56 13 00-0525	EA 12' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,524.89 -53.23 -96.39 -202.85	258.84
26 56 13 00-0526	EA 14' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,615.62 -55.89 -101.45 -213.22	291.19
26 56 13 00-0527	EA 16' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,709.23 -58.66 -106.70 -224.03	323.55
26 56 13 00-0528	EA 18' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,810.06 -61.73 -112.47 -235.92	355.91
26 56 13 00-0529	EA 20' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,909.45 -64.73 -118.13 -247.59	388.26
26 56 13 00-0530	EA 22' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,073.56 -69.35 -127.03 -265.74	452.97
26 56 13 00-0531	EA 24' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,270.89 -75.31 -138.26 -288.87	517.68
26 56 13 00-0532	EA 26' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,320.03 -77.27 -141.69 -296.24	517.68
26 56 13 00-0533	EA 28' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,435.31 -80.91 -148.47 -310.29	550.03
26 56 13 00-0534	EA 30' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,550.59 -84.55 -155.25 -324.35	582.39
26 56 13 00-0535	EA 10' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,630.70 -58.43 -105.09 -221.96	226.48
26 56 13 00-0536	EA 12' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,740.21 -61.84 -111.46 -235.15	258.84
26 56 13 00-0537	EA 14' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,849.72 -65.25 -117.83 -248.34	291.19
26 56 13 00-0538	EA 16' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,960.67 -68.72 -124.30 -261.75	323.55

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0539	EA		18' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,077.40	355.91
			<i>For >10 To 20, Deduct</i>	-72.42	
			<i>For >20 To 40, Deduct</i>	-131.18	
			<i>For >40, Deduct</i>	-276.02	
26 56 13 00-0540	EA		20' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,202.80	388.26
			<i>For >10 To 20, Deduct</i>	-76.46	
			<i>For >20 To 40, Deduct</i>	-138.67	
			<i>For >40, Deduct</i>	-291.59	
26 56 13 00-0541	EA		22' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,405.92	452.97
			<i>For >10 To 20, Deduct</i>	-82.65	
			<i>For >20 To 40, Deduct</i>	-150.30	
			<i>For >40, Deduct</i>	-315.59	
26 56 13 00-0542	EA		24' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,610.49	517.68
			<i>For >10 To 20, Deduct</i>	-88.89	
			<i>For >20 To 40, Deduct</i>	-162.03	
			<i>For >40, Deduct</i>	-339.81	
26 56 13 00-0543	EA		26' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,685.63	517.68
			<i>For >10 To 20, Deduct</i>	-91.89	
			<i>For >20 To 40, Deduct</i>	-167.29	
			<i>For >40, Deduct</i>	-351.08	
26 56 13 00-0544	EA		28' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,868.84	550.03
			<i>For >10 To 20, Deduct</i>	-98.25	
			<i>For >20 To 40, Deduct</i>	-178.82	
			<i>For >40, Deduct</i>	-375.32	
26 56 13 00-0545	EA		30' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	3,018.79	582.39
			<i>For >10 To 20, Deduct</i>	-103.28	
			<i>For >20 To 40, Deduct</i>	-188.02	
			<i>For >40, Deduct</i>	-394.58	
26 56 13 00-0546	EA		32' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	3,136.41	598.57
			<i>For >10 To 20, Deduct</i>	-107.50	
			<i>For >20 To 40, Deduct</i>	-195.61	
			<i>For >40, Deduct</i>	-410.61	
26 56 13 00-0547	EA		34' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	3,254.03	614.74
			<i>For >10 To 20, Deduct</i>	-111.72	
			<i>For >20 To 40, Deduct</i>	-203.19	
			<i>For >40, Deduct</i>	-426.63	
26 56 13 00-0548			Round Tapered, Fiberglass Area Light Poles, Direct Burial <small>(26 56 13 00-0511)</small>		
26 56 13 00-0549	EA		10' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	809.09	161.77
			<i>For >10 To 20, Deduct</i>	-27.51	
			<i>For >20 To 40, Deduct</i>	-50.17	
			<i>For >40, Deduct</i>	-105.19	
26 56 13 00-0550	EA		12' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	868.91	177.95
			<i>For >10 To 20, Deduct</i>	-29.42	
			<i>For >20 To 40, Deduct</i>	-53.71	
			<i>For >40, Deduct</i>	-112.54	
26 56 13 00-0551	EA		14' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	927.27	194.13
			<i>For >10 To 20, Deduct</i>	-31.27	
			<i>For >20 To 40, Deduct</i>	-57.14	
			<i>For >40, Deduct</i>	-119.68	
26 56 13 00-0552	EA		16' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	951.84	194.13
			<i>For >10 To 20, Deduct</i>	-32.25	
			<i>For >20 To 40, Deduct</i>	-58.86	
			<i>For >40, Deduct</i>	-123.36	
26 56 13 00-0553	EA		18' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,024.66	210.31
			<i>For >10 To 20, Deduct</i>	-34.68	
			<i>For >20 To 40, Deduct</i>	-63.31	
			<i>For >40, Deduct</i>	-132.67	
26 56 13 00-0554	EA		20' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,085.91	226.48
			<i>For >10 To 20, Deduct</i>	-36.64	
			<i>For >20 To 40, Deduct</i>	-66.95	
			<i>For >40, Deduct</i>	-140.24	
26 56 13 00-0555	EA		22' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,151.50	242.66
			<i>For >10 To 20, Deduct</i>	-38.78	
			<i>For >20 To 40, Deduct</i>	-70.90	
			<i>For >40, Deduct</i>	-148.46	
26 56 13 00-0556	EA		24' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,224.32	258.84
			<i>For >10 To 20, Deduct</i>	-41.21	
			<i>For >20 To 40, Deduct</i>	-75.35	
			<i>For >40, Deduct</i>	-157.76	
26 56 13 00-0557	EA		26' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,363.05	258.84
			<i>For >10 To 20, Deduct</i>	-46.76	
			<i>For >20 To 40, Deduct</i>	-85.06	
			<i>For >40, Deduct</i>	-178.57	
26 56 13 00-0558	EA		28' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,534.12	275.02
			<i>For >10 To 20, Deduct</i>	-53.11	
			<i>For >20 To 40, Deduct</i>	-96.39	
			<i>For >40, Deduct</i>	-202.62	
26 56 13 00-0559	EA		30' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,705.21	291.19
			<i>For >10 To 20, Deduct</i>	-59.47	
			<i>For >20 To 40, Deduct</i>	-107.72	
			<i>For >40, Deduct</i>	-226.66	
26 56 13 00-0560	EA		10' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	942.04	161.77
			<i>For >10 To 20, Deduct</i>	-32.83	
			<i>For >20 To 40, Deduct</i>	-59.47	
			<i>For >40, Deduct</i>	-125.13	

26 Electrical

26 50 Lighting

26 56 Exterior Lighting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0561	EA	12' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,009.08	177.95
			<i>For >10 To 20, Deduct</i>	-35.02	
			<i>For >20 To 40, Deduct</i>	-63.52	
			<i>For >40, Deduct</i>	-133.57	
26 56	13 00-0562	EA	14' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,076.11	194.13
			<i>For >10 To 20, Deduct</i>	-37.22	
			<i>For >20 To 40, Deduct</i>	-67.56	
			<i>For >40, Deduct</i>	-142.00	
26 56	13 00-0563	EA	16' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,112.24	194.13
			<i>For >10 To 20, Deduct</i>	-38.67	
			<i>For >20 To 40, Deduct</i>	-70.09	
			<i>For >40, Deduct</i>	-147.42	
26 56	13 00-0564	EA	18' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,179.28	210.31
			<i>For >10 To 20, Deduct</i>	-40.86	
			<i>For >20 To 40, Deduct</i>	-74.14	
			<i>For >40, Deduct</i>	-155.86	
26 56	13 00-0565	EA	20' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,246.31	226.48
			<i>For >10 To 20, Deduct</i>	-43.06	
			<i>For >20 To 40, Deduct</i>	-78.18	
			<i>For >40, Deduct</i>	-164.30	
26 56	13 00-0566	EA	22' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,313.35	242.66
			<i>For >10 To 20, Deduct</i>	-45.25	
			<i>For >20 To 40, Deduct</i>	-82.23	
			<i>For >40, Deduct</i>	-172.74	
26 56	13 00-0567	EA	24' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,413.62	258.84
			<i>For >10 To 20, Deduct</i>	-48.78	
			<i>For >20 To 40, Deduct</i>	-88.60	
			<i>For >40, Deduct</i>	-186.16	
26 56	13 00-0568	EA	26' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,548.01	258.84
			<i>For >10 To 20, Deduct</i>	-54.16	
			<i>For >20 To 40, Deduct</i>	-98.01	
			<i>For >40, Deduct</i>	-206.32	
26 56	13 00-0569	EA	28' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,716.20	275.02
			<i>For >10 To 20, Deduct</i>	-60.40	
			<i>For >20 To 40, Deduct</i>	-109.13	
			<i>For >40, Deduct</i>	-229.93	
26 56	13 00-0570	EA	30' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,882.95	291.19
			<i>For >10 To 20, Deduct</i>	-66.58	
			<i>For >20 To 40, Deduct</i>	-120.16	
			<i>For >40, Deduct</i>	-253.32	
26 56	13 00-0571	EA	10' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,059.09	161.77
			<i>For >10 To 20, Deduct</i>	-37.51	
			<i>For >20 To 40, Deduct</i>	-67.67	
			<i>For >40, Deduct</i>	-142.69	
26 56	13 00-0572	EA	12' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,117.46	177.95
			<i>For >10 To 20, Deduct</i>	-39.36	
			<i>For >20 To 40, Deduct</i>	-71.10	
			<i>For >40, Deduct</i>	-149.82	
26 56	13 00-0573	EA	14' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,174.38	194.13
			<i>For >10 To 20, Deduct</i>	-41.15	
			<i>For >20 To 40, Deduct</i>	-74.44	
			<i>For >40, Deduct</i>	-156.74	
26 56	13 00-0574	EA	16' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,198.94	194.13
			<i>For >10 To 20, Deduct</i>	-42.13	
			<i>For >20 To 40, Deduct</i>	-76.16	
			<i>For >40, Deduct</i>	-160.43	
26 56	13 00-0575	EA	18' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,255.87	210.31
			<i>For >10 To 20, Deduct</i>	-43.93	
			<i>For >20 To 40, Deduct</i>	-79.50	
			<i>For >40, Deduct</i>	-167.35	
26 56	13 00-0576	EA	20' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,314.23	226.48
			<i>For >10 To 20, Deduct</i>	-45.77	
			<i>For >20 To 40, Deduct</i>	-82.94	
			<i>For >40, Deduct</i>	-174.49	
26 56	13 00-0577	EA	22' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,421.73	242.66
			<i>For >10 To 20, Deduct</i>	-49.59	
			<i>For >20 To 40, Deduct</i>	-89.81	
			<i>For >40, Deduct</i>	-188.99	
26 56	13 00-0578	EA	24' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,546.57	258.84
			<i>For >10 To 20, Deduct</i>	-54.10	
			<i>For >20 To 40, Deduct</i>	-97.91	
			<i>For >40, Deduct</i>	-206.10	
26 56	13 00-0579	EA	26' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,630.38	258.84
			<i>For >10 To 20, Deduct</i>	-57.45	
			<i>For >20 To 40, Deduct</i>	-103.77	
			<i>For >40, Deduct</i>	-218.67	
26 56	13 00-0580	EA	28' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,747.99	275.02
			<i>For >10 To 20, Deduct</i>	-61.67	
			<i>For >20 To 40, Deduct</i>	-111.36	
			<i>For >40, Deduct</i>	-234.70	
26 56	13 00-0581	EA	30' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,865.61	291.19
			<i>For >10 To 20, Deduct</i>	-65.89	
			<i>For >20 To 40, Deduct</i>	-118.94	
			<i>For >40, Deduct</i>	-250.72	

26 56 13 00-0582 Factory Accessories For Fiberglass Area Light Poles (26 56 13 00-0510)

26 56	13 00-0583	EA	Open Or Capped Top For Fiberglass Area Light Poles.....	51.23	
26 56	13 00-0584	EA	Factory Side Drilling Up To Four Fixtures On Fiberglass Area Light Poles.....	51.23	
26 56	13 00-0585	EA	Smooth Shaft Finish For Fiberglass Area Light Poles.....	97.21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 56 13 00-0586	EA		Vibration Dampener For Fiberglass Area Light Poles.....	128.74	
26 56 13 00-0587			Concrete Area Light Poles (26 56 13 00-0177)		
26 56 13 00-0588			Octagonal Tapered, Spun Concrete Area Light Poles, Anchor Base (26 56 13 00-0587)		
26 56 13 00-0589	EA		28' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	2,292.47	550.03
26 56 13 00-0590	EA		30' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	2,416.80	582.39
26 56 13 00-0591	EA		33' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	2,507.39	598.57
26 56 13 00-0592	EA		36' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	3,127.36	614.74
26 56 13 00-0593	EA		38' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	3,476.74	647.10
26 56 13 00-0594	EA		43' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	4,300.23	841.22
26 56 13 00-0595	EA		47' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	5,149.61	1,035.36
26 56 13 00-0596	EA		27' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	5,025.89	550.03
			Note: Polished brown with acrylic coating finish.		
26 56 13 00-0597	EA		30' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	5,804.38	582.39
			Note: Polished brown with acrylic coating finish.		
26 56 13 00-0598	EA		Pole Adapter Base Plate, Galvanized Steel, 1" Thick For Adapting Up To 40'	664.71	194.13
26 56 13 00-0599	EA		13' High Concrete Octagonal Area Light Pole, Pink With Acrylic Coating, Finish Design	3,013.32	388.13
26 56 13 00-0600	EA		Pole Base Cover For All Octagon Poles	257.34	79.21
26 56 13 00-0601	EA		Pole Arms 24" Long, Square, 250 Watt Fixture, Dark, Architectural Bronze.....	528.31	158.41
26 56 13 00-0602			Tapered, Spun Concrete Area Light Poles, Direct Burial (26 56 13 00-0587)		
			Note: Round or square.		
26 56 13 00-0603	EA		13' High, Tapered, Spun Concrete Area Light Pole, Direct Burial.....	2,487.39	258.84
26 56 13 00-0604	EA		16' High, Tapered, Spun Concrete Area Light Pole, Direct Burial.....	2,808.38	323.55
26 56 13 00-0605	EA		18' High, Tapered, Spun Concrete Area Light Pole, Direct Burial.....	3,098.78	388.26
26 56 13 00-0606	EA		30' High, Tapered, Spun Concrete Area Light Pole, Direct Burial.....	4,314.64	582.39
26 56 13 00-0607	EA		35' High, Tapered, Spun Concrete Area Light Pole, Direct Burial.....	4,979.69	614.74
26 56 13 00-0608	EA		40' High, Tapered, Spun Concrete Area Light Pole, Direct Burial.....	5,698.98	647.10
26 56 13 00-0609	EA		45' High, Tapered, Spun Concrete Area Light Pole, Direct Burial.....	6,599.67	841.22
26 56 13 00-0610			Round Tapered, Spun Concrete Area Light Poles, Direct Burial (26 56 13 00-0587)		
26 56 13 00-0611	EA		60' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C2 60 9-22)	17,865.04	1,455.97
26 56 13 00-0612	EA		70' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C2 70 9-24)	21,284.02	1,782.37
26 56 13 00-0613	EA		80' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C1 80 9-26)	25,245.83	2,407.76
26 56 13 00-0614			Treated Wood Area Light Poles (26 56 13 00-0177)		
			See CSI section 26 05 46 00-0001 for wood poles.		
26 56 13 00-0615			Cast Iron Decorative Light Posts (26 56 13 00-0177)		
26 56 13 00-0616			Round Tapered, Cast Iron Decorative Light Post, Anchor Base (26 56 13 00-0615)		
			Note: As manufactured by Hadco and King Luminaries or an approved equal.		
26 56 13 00-0617	EA		10' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,722.49	161.77
26 56 13 00-0618	EA		12' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,808.82	186.37
26 56 13 00-0619	EA		14' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,965.37	194.13
26 56 13 00-0620	EA		16' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	2,420.63	226.48
26 56 13 00-0621	EA		18' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	2,836.30	245.90
26 56 13 00-0622	EA		20' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	3,272.54	265.31
26 56 13 00-0623			Landscape Light Poles (26 56 13 00-0001)		
			Note: Excludes lighting fixtures.		
26 56 13 00-0624			Aluminum Landscape Light Poles (26 56 13 00-0623)		
			Note: Includes painted finish.		
26 56 13 00-0625			Round Straight, Aluminum Landscape Light Poles (26 56 13 00-0624)		
26 56 13 00-0626			Round Straight, Aluminum Landscape Light Poles, Anchor Base (26 56 13 00-0625)		
26 56 13 00-0627	EA		7' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Anchor Base	481.29	194.13
26 56 13 00-0628	EA		12' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Anchor Base	812.12	258.84
26 56 13 00-0629			Round Straight, Aluminum Landscape Light Poles, Direct Burial (26 56 13 00-0625)		
26 56 13 00-0630	EA		7' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Direct Burial	437.51	194.13
26 56 13 00-0631	EA		12' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Direct Burial	768.33	258.84
26 56 13 00-0632			Steel Landscape Light Poles (26 56 13 00-0623)		
			Note: Includes painted finish.		
26 56 13 00-0633			Round Straight, Steel Landscape Light Poles (26 56 13 00-0632)		
26 56 13 00-0634			Round Straight, Steel Landscape Light Poles, Anchor Base (26 56 13 00-0633)		
26 56 13 00-0635	EA		6'-8" High, 3" OD, Round Straight, Steel Landscape Light Pole, Anchor Base.....	544.04	194.13
26 56 13 00-0636			Round Straight, Steel Landscape Light Poles, Direct Burial (26 56 13 00-0633)		
26 56 13 00-0637	EA		6'-8" High, 3" OD, Round Straight, Steel Landscape Light Pole, Direct Burial.....	509.15	194.13
26 56 13 00-0638			Light Pole Brackets And Arms (26 56 13 00-0001)		

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 56 13 00-0639	Light Pole Brackets (26 56 13 00-0638)		
26 56 13 00-0640	Bullhorn Style, Pole Top Area Light Brackets (26 56 13 00-0639)		
26 56 13 00-0641	Round Bullhorn Style, Pole Top Area Light Brackets (26 56 13 00-0640)		
26 56 13 00-0642	Steel, Round Bullhorn Style, Pole Top Area Light Brackets (26 56 13 00-0641)		
	Note: Includes powdercoat finish.		
26 56 13 00-0643	EA Two Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket.....	702.38	38.82
	For Galvanized Finish, Add	62.47	
26 56 13 00-0644	EA Three Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket.....	890.87	38.82
	For Galvanized Finish, Add	81.32	
26 56 13 00-0645	EA Three Tenons At 120 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket.....	948.41	38.82
	For Galvanized Finish, Add	87.08	
26 56 13 00-0646	EA Four Tenons At 90 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket.....	1,303.55	38.82
	For Galvanized Finish, Add	122.59	
26 56 13 00-0647	EA Four Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket.....	1,358.86	38.82
	For Galvanized Finish, Add	128.12	
26 56 13 00-0648	Aluminum, Round Bullhorn Style, Pole Top Area Light Brackets (26 56 13 00-0641)		
	Note: Includes satin brushed or painted finish.		
26 56 13 00-0649	EA Two Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket.....	248.06	38.82
	For Bronze Or Satin Anodized Finish, Add	17.04	
	For Black Anodized Finish, Add	34.08	
26 56 13 00-0650	EA Three Tenons At 120 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket.....	302.42	38.82
	For Bronze Or Satin Anodized Finish, Add	22.48	
	For Black Anodized Finish, Add	44.95	
26 56 13 00-0651	EA Three Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket.....	317.06	38.82
	For Bronze Or Satin Anodized Finish, Add	23.94	
	For Black Anodized Finish, Add	47.88	
26 56 13 00-0652	EA Four Tenons At 90 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket.....	368.28	38.82
	For Bronze Or Satin Anodized Finish, Add	29.06	
	For Black Anodized Finish, Add	58.13	
26 56 13 00-0653	EA Four Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket.....	378.74	38.82
	For Bronze Or Satin Anodized Finish, Add	30.11	
	For Black Anodized Finish, Add	60.22	
26 56 13 00-0654	Square Bullhorn Style, Pole Top Area Light Brackets (26 56 13 00-0640)		
26 56 13 00-0655	Steel, Square Bullhorn Style, Pole Top Area Light Brackets (26 56 13 00-0654)		
	Note: Includes powdercoat finish.		
26 56 13 00-0656	EA Two Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket.....	756.20	38.82
	For Galvanized Finish, Add	67.86	
26 56 13 00-0657	EA Three Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket.....	936.75	38.82
	For Galvanized Finish, Add	85.91	
26 56 13 00-0658	EA Four Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket.....	1,148.80	38.82
	For Galvanized Finish, Add	107.12	
26 56 13 00-0659	EA Four Tenons At 90 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket.....	1,361.84	38.82
	For Galvanized Finish, Add	128.42	
26 56 13 00-0660	Wood Pole Clamp On Style, Pole Top Area Light Brackets (26 56 13 00-0639)		
26 56 13 00-0661	Steel, Wood Pole Clamp On Style, Pole Top Area Light Brackets (26 56 13 00-0660)		
	Note: Includes powdercoat finish.		
26 56 13 00-0662	EA One Tenon, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket.....	707.28	64.71
26 56 13 00-0663	EA Two Tenons At 90, 120 Or 180 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket.....	1,076.81	64.71
26 56 13 00-0664	EA Three Tenons At 120 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket.....	1,514.05	64.71
26 56 13 00-0665	EA Four Tenons At 90 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket.....	1,657.89	64.71
26 56 13 00-0666	Light Pole Arms (26 56 13 00-0638)		
26 56 13 00-0667	Wood Pole Streetlight Arms (26 56 13 00-0666)		
26 56 13 00-0668	Steel, Wood Pole Streetlight Arms (26 56 13 00-0667)		
26 56 13 00-0669	EA 1-1/4" Arm Diameter, 2-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount.....	404.66	58.24
26 56 13 00-0670	EA 1-1/4" Arm Diameter, 3-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount.....	427.28	64.71
26 56 13 00-0671	EA 1-1/4" Arm Diameter, 5-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount.....	493.61	80.88
26 56 13 00-0672	EA 2" Arm Diameter, 3-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount.....	604.36	64.71
26 56 13 00-0673	EA 2" Arm Diameter, 5-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount.....	670.19	80.88
26 56 13 00-0674	EA 2" Arm Diameter, 7-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount.....	813.90	97.07
26 56 13 00-0675	Aluminum, Wood Pole Streetlight Arms (26 56 13 00-0667)		
26 56 13 00-0676	EA 1-1/4" Arm Diameter, 42" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount.....	246.48	64.71
26 56 13 00-0677	EA 2" Arm Diameter, 42" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount.....	306.53	64.71
26 56 13 00-0678	EA 2" Arm Diameter, 66" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount.....	410.20	80.88
26 56 13 00-0679	EA 2" Arm Diameter, 90" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount.....	538.77	97.07
26 56 13 00-0680	Area Light Arms (26 56 13 00-0666)		
26 56 13 00-0681	Steel Area Light Arms (26 56 13 00-0680)		
26 56 13 00-0682	EA Single, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arm, Hub Mount.....	788.28	64.71
26 56 13 00-0683	EA Two, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount.....	1,246.46	71.18

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 56 13 00-0684	EA		Three, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount.....	1,385.51	77.65
26 56 13 00-0685	EA		Four, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount.....	1,648.10	84.13
26 56 13 00-0686	EA		Single, 2.38" Arm Diameter, 6' Arm Length, Upsweep Style, Steel Area Light Arm, Hub Mount.....	939.02	80.88
26 56 13 00-0687	EA		Two, 2.38" Arm Diameter, 6' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount.....	1,350.89	87.36

26 56 13 00-0688 Aluminum Area Light Arms (26 56 13 00-0688)

26 56 13 00-0689	EA		Single, 4' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount.....	299.83	64.71
26 56 13 00-0690	EA		Single, 6' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount.....	369.81	80.88
26 56 13 00-0691	EA		Single, 8' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount.....	441.90	97.07
26 56 13 00-0692	EA		Single, 4' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount.....	297.74	64.71
26 56 13 00-0693	EA		Two, 4' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount.....	423.58	71.18
26 56 13 00-0694	EA		Single, 6' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount.....	365.63	80.88
26 56 13 00-0695	EA		Two, 6' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount.....	516.58	87.36
26 56 13 00-0696	EA		Single, 8' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount.....	443.99	97.07
26 56 13 00-0697	EA		Two, 8' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount.....	627.35	103.53

26 56 13 00-0698 Removal And Reinstallation Of Lighting Pole (26 56 13 00-0001)

Note: Includes storage, cleaning and supply materials.

26 56 13 00-0699	EA		Removal And Relocation Of Up To 45' Lighting Pole And Standards With One Or Two Arms.....	2,135.64	
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26 56 13 00-0700 High Mast Lighting (26 56 13 00-0001)

26 56 13 00-0701 High Mast Lighting Assemblies (26 56 13 00-0700)

Note: Includes non-latching system, ring assembly with internal bumper, acrylic top cover, pulley supports, cast arm filter for pipe tension, transition assembly, standard head frame assembly, standard hoist, and powder coated pole. See CSI section 26 56 21 00-0001 for high mast fixtures.

26 56 13 00-0702	EA		60' High Mast Lighting Assembly.....	54,888.63	1,978.49
26 56 13 00-0703	EA		70' High Mast Lighting Assembly.....	57,981.24	2,072.17
26 56 13 00-0704	EA		80' High Mast Lighting Assembly.....	61,104.48	2,207.50
26 56 13 00-0705	EA		90' High Mast Lighting Assembly.....	64,256.47	2,384.49
26 56 13 00-0706	EA		100' High Mast Lighting Assembly.....	67,423.48	2,603.04
26 56 13 00-0707	EA		110' High Mast Lighting Assembly.....	71,498.74	2,863.54
26 56 13 00-0708	EA		120' High Mast Lighting Assembly.....	74,787.08	3,123.83
26 56 13 00-0709	EA		130' High Mast Lighting Assembly.....	77,822.07	3,384.12
26 56 13 00-0710	EA		140' High Mast Lighting Assembly.....	81,110.42	3,644.53
26 56 13 00-0711	EA		150' High Mast Lighting Assembly.....	85,115.62	3,904.82

26 56 13 00-0712 High Mast Light Poles (26 56 13 00-0700)

26 56 13 00-0713	EA		60' High Mast Light Poles.....	20,789.69	1,188.24
26 56 13 00-0714	EA		70' High Mast Light Poles.....	23,854.15	1,244.53
26 56 13 00-0715	EA		80' High Mast Light Poles.....	26,936.74	1,325.83
26 56 13 00-0716	EA		90' High Mast Light Poles.....	30,035.58	1,432.15
26 56 13 00-0717	EA		100' High Mast Light Poles.....	33,152.56	1,563.48
26 56 13 00-0718	EA		110' High Mast Light Poles.....	36,287.67	1,719.83
26 56 13 00-0719	EA		120' High Mast Light Poles.....	38,653.36	1,876.18
26 56 13 00-0720	EA		130' High Mast Light Poles.....	38,731.32	3,477.18
26 56 13 00-0721	EA		140' High Mast Light Poles.....	43,129.53	2,188.87
26 56 13 00-0722	EA		150' High Mast Light Poles.....	45,750.45	2,345.22

26 56 13 00-0723 High Mast Lighting Accessories (26 56 13 00-0700)

See CSI section 26 55 13 00-0119 for lighting fixtures, 26 56 21 00-0001 for light fixtures.

26 56 13 00-0724	EA		Bottom Latching System For High Mast Lighting.....	960.95	
26 56 13 00-0725	EA		Top Latching System For High Mast Lighting.....	2,729.42	
26 56 13 00-0726	EA		Centering Springs For High Mast Lighting.....	2,067.24	
26 56 13 00-0727	EA		Electric Power Cord For High Mast Lighting.....	866.47	
26 56 13 00-0728	EA		Aircraft Warning Lights For High Mast Lighting.....	1,610.11	
26 56 13 00-0729	EA		Internal Motorized Hoist For High Mast Lighting.....	17,751.60	
26 56 13 00-0730	EA		Portable Hoist Motor With Step Down Transformer For High Mast Lighting.....	17,847.82	

26 56 13 00-0731 Concrete Bases (26 56 13 00-0001)

26 56 13 00-0732 Concrete Bases, Cast In Place (26 56 13 00-0731)

Note: Includes excavation/drilling, concrete, reinforcement, forms for exposed base, anchors/supports and backfill. Excludes conduit.

26 56 13 00-0733	EA		Cast In Place Concrete Base For Poles Minimum Charge.....	339.69	
Note: For projects where the cast in place concrete base for poles charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.					
26 56 13 00-0734	VLF		1-1/2' Diameter Concrete Base For Poles.....	51.51	
26 56 13 00-0735	VLF		2' Diameter Concrete Base For Poles.....	76.94	
26 56 13 00-0736	VLF		2-1/2' Diameter Concrete Base For Poles.....	108.43	
26 56 13 00-0737	VLF		3' Diameter Concrete Base For Poles.....	146.63	
26 56 13 00-0738	VLF		3-1/2' Diameter Concrete Base For Poles.....	194.58	
26 56 13 00-0739	VLF		4' Diameter Concrete Base For Poles.....	246.54	
26 56 13 00-0740	VLF		5' Diameter Concrete Base For Poles.....	363.93	
26 56 13 00-0741	VLF		6' Diameter Concrete Base For Poles.....	505.81	

26 56 18 Incandescent Exterior Lighting (26 56)

26 56 18 00-0001 Exterior Globe (26 56 18)

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 56 18 00-0002		Incandescent, Exterior Globe <small>(26 56 18 00-0001)</small>		
26 56 18 00-0003	EA	100 Watt Incandescent, Enclosed And Gasketed, Exterior Wall Fixture.....	56.65	20.88
26 56 18 00-0004	EA	150 To 200 Watt Incandescent, Enclosed And Gasketed, Exterior Wall Fixture.....	86.88	20.88
26 56 18 00-0005	EA	100 Watt Incandescent, Enclosed And Gasketed With Guard, Exterior Wall Fixture.....	66.40	20.88
26 56 18 00-0006	EA	150 To 200 Watt Incandescent, Enclosed And Gasketed With Guard, Exterior Wall Fixture.....	90.64	20.88
26 56 18 00-0007		Compact Fluorescent And Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures <small>(26 56 18)</small>		
		Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
26 56 18 00-0008	EA	7 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	244.34	83.51
26 56 18 00-0009	EA	9 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	254.82	88.73
26 56 18 00-0010	EA	13 Or 14 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	280.33	93.95
26 56 18 00-0011	EA	75 Watt Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	273.92	104.39
26 56 18 00-0012	EA	100 Watt Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	308.16	120.04
26 56 19		LED Exterior Lighting <small>(26 56)</small>		
26 56 19 00-0001		LED, Wall Packs <small>(26 56 19)</small>		
26 56 19 00-0002		Full Cutoff, LED Wall Packs <small>(26 56 19 00-0001)</small>		
26 56 19 00-0003		Full Cutoff, LED Wall Packs (Lithonia) <small>(26 56 19 00-0002)</small>		
26 56 19 00-0004	EA	30 LEDs, 57 Watt, 530 mA Drive Current, Full Cutoff, LED Wall Pack (Lithonia CSXW LED).....	953.49	112.96
		For >50 To 100, Deduct	-47.67	
		For >100 To 250, Deduct	-71.51	
		For >250 To 500, Deduct	-113.54	
		For >500 To 1000, Deduct	-155.56	
		For >1000, Deduct	-197.59	
26 56 19 00-0005	EA	30 LEDs, 35 Watt, 350 mA Drive Current, Full Cutoff, LED Wall Pack (Lithonia CSXW LED).....	1,032.47	112.96
		For >50 To 100, Deduct	-51.62	
		For >100 To 250, Deduct	-77.44	
		For >250 To 500, Deduct	-123.41	
		For >500 To 1000, Deduct	-169.39	
		For >1000, Deduct	-215.36	
26 56 19 00-0006		Full Cutoff, LED Wall Packs (CREE® BetaLED®) <small>(26 56 19 00-0002)</small>		
26 56 19 00-0007		Wall Mount, Full Cutoff, LED Wall Packs (CREE® BetaLED® Edge® SEC-EDG) <small>(26 56 19 00-0006)</small>		
		Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0008	EA	20 LEDs, 26 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG).....	923.18	109.73
		Note: Includes 350mA or 525mA driver.		
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	19.42	
		For Bird Spikes, Add	47.68	
		For Fuse, Add	58.28	
		For 0 To 10 Volt Dimming, Add	58.28	
		For 480 Volt, Add	87.42	
		For Multi-Level, Add	126.26	
		For >50 To 100, Deduct	-46.16	
		For >100 To 250, Deduct	-69.24	
		For >250 To 500, Deduct	-109.91	
		For >500 To 1000, Deduct	-150.58	
		For >1000, Deduct	-191.26	
26 56 19 00-0009	EA	40 LEDs, 47 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG).....	1,191.08	116.19
		Note: Includes 350mA or 525mA driver.		
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	19.42	
		For Bird Spikes, Add	48.33	
		For Fuse, Add	58.28	
		For 0 To 10 Volt Dimming, Add	58.28	
		For 480 Volt, Add	87.42	
		For Multi-Level, Add	126.26	
		For >50 To 100, Deduct	-59.55	
		For >100 To 250, Deduct	-89.33	
		For >250 To 500, Deduct	-143.08	
		For >500 To 1000, Deduct	-196.82	
		For >1000, Deduct	-250.56	
26 56 19 00-0010	EA	60 LEDs, 68 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG).....	1,335.69	122.64
		Note: Includes 350mA or 525mA driver.		
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	19.42	
		For Bird Spikes, Add	48.97	
		For Fuse, Add	58.28	
		For 0 To 10 Volt Dimming, Add	58.28	
		For 480 Volt, Add	87.42	
		For Multi-Level, Add	126.26	
		For >50 To 100, Deduct	-66.78	
		For >100 To 250, Deduct	-100.18	
		For >250 To 500, Deduct	-160.83	
		For >500 To 1000, Deduct	-221.48	
		For >1000, Deduct	-282.13	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 56 19 00-0011	EA			80 LEDs, 90 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) 1,726.84	1,726.84	129.10
				Note: Includes 350mA or 525mA driver.		
				For 3 Or 7-Pin NEMA Photocell Receptacle, Add	19.42	
				For Bird Spikes, Add	49.62	
				For Fuse, Add	58.28	
				For 0 To 10 Volt Dimming, Add	58.28	
				For 480 Volt, Add	87.42	
				For Multi-Level, Add	126.26	
				For >50 To 100, Deduct	-86.34	
				For >100 To 250, Deduct	-129.51	
				For >250 To 500, Deduct	-209.40	
				For >500 To 1000, Deduct	-289.29	
				For >1000, Deduct	-369.17	
26 56 19 00-0012	EA			100 LEDs, 111 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) 1,994.74	1,994.74	135.56
				For 3 Or 7-Pin NEMA Photocell Receptacle, Add	19.42	
				For Bird Spikes, Add	50.27	
				For Fuse, Add	58.28	
				For 0 To 10 Volt Dimming, Add	58.28	
				For 480 Volt, Add	87.42	
				For Multi-Level, Add	126.26	
				For >50 To 100, Deduct	-99.74	
				For >100 To 250, Deduct	-149.61	
				For >250 To 500, Deduct	-242.56	
				For >500 To 1000, Deduct	-335.52	
				For >1000, Deduct	-428.48	
26 56 19 00-0013	EA			120 LEDs, 132 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) 2,262.62	2,262.62	142.00
				For 3 Or 7-Pin NEMA Photocell Receptacle, Add	19.42	
				For Bird Spikes, Add	50.91	
				For Fuse, Add	58.28	
				For 0 To 10 Volt Dimming, Add	58.28	
				For 480 Volt, Add	87.42	
				For Multi-Level, Add	126.26	
				For >50 To 100, Deduct	-113.13	
				For >100 To 250, Deduct	-169.70	
				For >250 To 500, Deduct	-275.73	
				For >500 To 1000, Deduct	-381.76	
				For >1000, Deduct	-487.79	
26 56 19 00-0014				Wall Mount, Full Cutoff, LED Wall Packs (CREE® BetaLED® XSPW™) <small>(26 56 19 00-0006)</small>		
				Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-277 voltage, Class 2 driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0015	EA			25 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® XSPW™) 544.56	544.56	109.73
				For 3 Or 7-Pin NEMA Photocell Receptacle, Add	19.42	
				For 0 To 10 Volt Dimming, Add	58.28	
				For Multi-Level, Add	58.28	
				For >50 To 100, Deduct	-27.23	
				For >100 To 250, Deduct	-40.84	
				For >250 To 500, Deduct	-62.58	
				For >500 To 1000, Deduct	-84.33	
				For >1000, Deduct	-106.07	
26 56 19 00-0016	EA			42 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® XSPW™) 633.33	633.33	116.19
				For 3 Or 7-Pin NEMA Photocell Receptacle, Add	19.42	
				For 0 To 10 Volt Dimming, Add	58.28	
				For Multi-Level, Add	58.28	
				For >50 To 100, Deduct	-31.67	
				For >100 To 250, Deduct	-47.50	
				For >250 To 500, Deduct	-73.36	
				For >500 To 1000, Deduct	-99.21	
				For >1000, Deduct	-125.07	
26 56 19 00-0017				Open Face LED Wall Pack <small>(26 56 19 00-0001)</small>		
				Note: Heavy-duty cast aluminum housing is polyester powder coated to be rust and corrosion proof, High-quality shatter-resistant glass		
26 56 19 00-0018	EA			3,640 Lumens, 28 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP28U-50B-MS) 710.66	710.66	114.27
				For >50 To 100, Deduct	-35.53	
				For >100 To 250, Deduct	-53.30	
				For >250 To 500, Deduct	-80.26	
				For >500 To 1000, Deduct	-107.23	
				For >1000, Deduct	-134.19	
26 56 19 00-0019	EA			5,540 Lumens, 40 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP40U-50B-MS) 765.09	765.09	114.27
				For >50 To 100, Deduct	-38.25	
				For >100 To 250, Deduct	-57.38	
				For >250 To 500, Deduct	-87.07	
				For >500 To 1000, Deduct	-116.75	
				For >1000, Deduct	-146.44	
26 56 19 00-0020	EA			7,065 Lumens, 50 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP50U-50B-MS) 793.59	793.59	114.27
				For >50 To 100, Deduct	-39.68	
				For >100 To 250, Deduct	-59.52	
				For >250 To 500, Deduct	-90.63	
				For >500 To 1000, Deduct	-121.74	
				For >1000, Deduct	-152.85	
26 56 19 00-0021	EA			11,375 Lumens, 80 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP80U-50B-MS) 816.71	816.71	114.27
				For >50 To 100, Deduct	-40.84	
				For >100 To 250, Deduct	-61.25	
				For >250 To 500, Deduct	-93.52	
				For >500 To 1000, Deduct	-125.78	
				For >1000, Deduct	-158.05	

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 56 19 00-0022	EA 16,945 Lumens, 120 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP120U-50B-MS).....	990.10	114.27
	<i>For >50 To 100, Deduct</i>	-49.51	
	<i>For >100 To 250, Deduct</i>	-74.26	
	<i>For >250 To 500, Deduct</i>	-115.19	
	<i>For >500 To 1000, Deduct</i>	-156.13	
	<i>For >1000, Deduct</i>	-197.06	
26 56 19 00-0023	Wall Pack Accessories <small>(26 56 19 00-0001)</small>		
26 56 19 00-0024	EA Photocell For Wall Pack.....	132.30	28.57
26 56 19 00-0025	EA Wire Guard For Mini And Small Wall Pack.....	148.01	28.57
26 56 19 00-0026	EA Wire Guard For Medium And Large Wall Pack.....	213.72	28.57
26 56 19 00-0027	EA Clear Polycarbonate Vandal Guard For Wall Packs.....	308.54	28.57
26 56 19 00-0028	EA Full Cutoff Visor For Wall Pack.....	143.72	28.57
26 56 19 00-0029	LED, Roadway Lighting <small>(26 56 19)</small>		
26 56 19 00-0030	LED Roadway Lighting (Philips Lumec) <small>(26 56 19 00-0029)</small>		
26 56 19 00-0031	Horizontal Tenon Mount, LED Cobra Head Street Lights (Philips Lumec GPL Series) <small>(26 56 19 00-0030)</small>		
	Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 570mA driver, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0032	EA 49 LEDs, 102 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec GPLS Series).....	1,545.48	155.24
	<i>For >50 To 100, Deduct</i>	-77.27	
	<i>For >100 To 250, Deduct</i>	-115.91	
	<i>For >250 To 500, Deduct</i>	-185.42	
	<i>For >500 To 1000, Deduct</i>	-254.94	
	<i>For >1000, Deduct</i>	-324.45	
26 56 19 00-0033	EA 98 LEDs, 204 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec GPLM Series).....	2,426.07	159.43
	<i>For >50 To 100, Deduct</i>	-121.30	
	<i>For >100 To 250, Deduct</i>	-181.96	
	<i>For >250 To 500, Deduct</i>	-295.29	
	<i>For >500 To 1000, Deduct</i>	-408.62	
	<i>For >1000, Deduct</i>	-521.95	
26 56 19 00-0034	Horizontal Tenon Mount, LED Cobra Head Street Lights (Philips Lumec RFM Series) <small>(26 56 19 00-0030)</small>		
	Note: UL wet listed. Includes 3,000 to 4,000K color temperature, 120-277 voltage, up to 1050mA driver, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0035	EA 48 LEDs, 55 Watt, Type III Medium, 120-277 Volt, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec RFM Series).....	1,112.98	155.24
	<i>For >50 To 100, Deduct</i>	-55.65	
	<i>For >100 To 250, Deduct</i>	-83.47	
	<i>For >250 To 500, Deduct</i>	-131.36	
	<i>For >500 To 1000, Deduct</i>	-179.25	
	<i>For >1000, Deduct</i>	-227.13	
26 56 19 00-0036	EA 48 LEDs, 80 Watt, Type III Medium, 120-277 Volt, RoadFocus Roadway, LED Cobra Head Luminaire (Philips Lumec RFM Series).....	1,112.98	155.24
	<i>For >50 To 100, Deduct</i>	-55.65	
	<i>For >100 To 250, Deduct</i>	-83.47	
	<i>For >250 To 500, Deduct</i>	-131.36	
	<i>For >500 To 1000, Deduct</i>	-179.25	
	<i>For >1000, Deduct</i>	-227.13	
26 56 19 00-0037	EA 48 LEDs, 108 Watt, Type III Medium, 120-277 Volt, RoadFocus Roadway, LED Cobra Head Luminaire (Philips Lumec RFM Series).....	1,112.98	155.24
	<i>For >50 To 100, Deduct</i>	-55.65	
	<i>For >100 To 250, Deduct</i>	-83.47	
	<i>For >250 To 500, Deduct</i>	-131.36	
	<i>For >500 To 1000, Deduct</i>	-179.25	
	<i>For >1000, Deduct</i>	-227.13	
26 56 19 00-0038	LED Roadway Lighting (Lithonia) <small>(26 56 19 00-0029)</small>		
26 56 19 00-0039	Horizontal Tenon Mount, LED Cobra Head Street Lights (Lithonia CSX1 Series) <small>(26 56 19 00-0038)</small>		
	Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 700mA driver, die-cast extruded aluminum housing assembly and bronze powder coat finish. Excludes sensors.		
26 56 19 00-0040	EA 30 LEDs, 74 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Lithonia CSX1 Series).....	2,257.69	146.85
	<i>For >50 To 100, Deduct</i>	-112.88	
	<i>For >100 To 250, Deduct</i>	-169.33	
	<i>For >250 To 500, Deduct</i>	-274.87	
	<i>For >500 To 1000, Deduct</i>	-380.41	
	<i>For >1000, Deduct</i>	-485.95	
26 56 19 00-0041	EA 60 LEDs, 146 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Lithonia CSX1 Series).....	3,747.66	151.04
	<i>For >50 To 100, Deduct</i>	-187.38	
	<i>For >100 To 250, Deduct</i>	-281.07	
	<i>For >250 To 500, Deduct</i>	-460.91	
	<i>For >500 To 1000, Deduct</i>	-640.74	
	<i>For >1000, Deduct</i>	-820.57	
26 56 19 00-0042	LED Roadway Lighting (CREE® BetaLED®) <small>(26 56 19 00-0029)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 56 19 00-0043	Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® BetaLED® LEDway® STR-LWY) (26 56 19 00-0042)	
	Note: UL wet listed. Includes 6,000K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type II Medium, Type II Short or Type III Medium optic. Excludes sensors.	
26 56 19 00-0044 EA	20 LEDs, 25 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	848.63 142.65
	<i>For >50 To 100, Deduct</i>	-42.43
	<i>For >100 To 250, Deduct</i>	-63.65
	<i>For >250 To 500, Deduct</i>	-98.95
	<i>For >500 To 1000, Deduct</i>	-134.24
	<i>For >1000, Deduct</i>	-169.54
26 56 19 00-0045 EA	30 LEDs, 35 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	952.55 146.85
	<i>For >50 To 100, Deduct</i>	-47.63
	<i>For >100 To 250, Deduct</i>	-71.44
	<i>For >250 To 500, Deduct</i>	-111.73
	<i>For >500 To 1000, Deduct</i>	-152.01
	<i>For >1000, Deduct</i>	-192.30
26 56 19 00-0046 EA	40 LEDs, 45 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,077.89 151.04
	<i>For >50 To 100, Deduct</i>	-53.89
	<i>For >100 To 250, Deduct</i>	-80.84
	<i>For >250 To 500, Deduct</i>	-127.18
	<i>For >500 To 1000, Deduct</i>	-173.53
	<i>For >1000, Deduct</i>	-219.87
26 56 19 00-0047 EA	50 LEDs, 55 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,183.46 155.24
	<i>For >50 To 100, Deduct</i>	-59.17
	<i>For >100 To 250, Deduct</i>	-88.76
	<i>For >250 To 500, Deduct</i>	-140.17
	<i>For >500 To 1000, Deduct</i>	-191.58
	<i>For >1000, Deduct</i>	-242.99
26 56 19 00-0048 EA	60 LEDs, 65 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,289.03 159.43
	<i>For >50 To 100, Deduct</i>	-64.45
	<i>For >100 To 250, Deduct</i>	-96.68
	<i>For >250 To 500, Deduct</i>	-153.16
	<i>For >500 To 1000, Deduct</i>	-209.64
	<i>For >1000, Deduct</i>	-266.12
26 56 19 00-0049 EA	70 LEDs, 75 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,539.55 163.63
	<i>For >50 To 100, Deduct</i>	-76.98
	<i>For >100 To 250, Deduct</i>	-115.47
	<i>For >250 To 500, Deduct</i>	-184.26
	<i>For >500 To 1000, Deduct</i>	-253.06
	<i>For >1000, Deduct</i>	-321.85
26 56 19 00-0050 EA	80 LEDs, 86 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,645.12 167.83
	<i>For >50 To 100, Deduct</i>	-82.26
	<i>For >100 To 250, Deduct</i>	-123.38
	<i>For >250 To 500, Deduct</i>	-197.25
	<i>For >500 To 1000, Deduct</i>	-271.11
	<i>For >1000, Deduct</i>	-344.98
26 56 19 00-0051 EA	90 LEDs, 96 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,749.06 172.02
	<i>For >50 To 100, Deduct</i>	-87.45
	<i>For >100 To 250, Deduct</i>	-131.18
	<i>For >250 To 500, Deduct</i>	-210.03
	<i>For >500 To 1000, Deduct</i>	-288.88
	<i>For >1000, Deduct</i>	-367.73
26 56 19 00-0052 EA	100 LEDs, 111 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,951.81 176.22
	<i>For >50 To 100, Deduct</i>	-97.59
	<i>For >100 To 250, Deduct</i>	-146.39
	<i>For >250 To 500, Deduct</i>	-235.17
	<i>For >500 To 1000, Deduct</i>	-323.94
	<i>For >1000, Deduct</i>	-412.72
26 56 19 00-0053 EA	110 LEDs, 122 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	2,057.38 180.42
	<i>For >50 To 100, Deduct</i>	-102.87
	<i>For >100 To 250, Deduct</i>	-154.30
	<i>For >250 To 500, Deduct</i>	-248.15
	<i>For >500 To 1000, Deduct</i>	-342.00
	<i>For >1000, Deduct</i>	-435.85
26 56 19 00-0054 EA	120 LEDs, 133 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	2,162.95 184.61
	<i>For >50 To 100, Deduct</i>	-108.15
	<i>For >100 To 250, Deduct</i>	-162.22
	<i>For >250 To 500, Deduct</i>	-261.14
	<i>For >500 To 1000, Deduct</i>	-360.06
	<i>For >1000, Deduct</i>	-458.97

26 56 19 00-0055	Surface Mount, LED Transportation Fixtures (CREE® BetaLED® Edge® TSP-EDG) (26 56 19 00-0042)	
	Note: Direct, cantenary or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.	

26 Electrical

26 50 Lighting

26 56 Exterior Lighting



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 56 19 00-0056	EA 40 LEDs, 47 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG).....	1,679.09	151.04
	For Multi-Level Drive Currents, Add	230.60	
	For >50 To 100, Deduct	-83.95	
	For >100 To 250, Deduct	-125.93	
	For >250 To 500, Deduct	-202.33	
	For >500 To 1000, Deduct	-278.74	
	For >1000, Deduct	-355.14	
26 56 19 00-0057	EA 60 LEDs, 68 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG).....	1,938.00	159.43
	For Multi-Level Drive Currents, Add	230.60	
	For >50 To 100, Deduct	-96.90	
	For >100 To 250, Deduct	-145.35	
	For >250 To 500, Deduct	-234.28	
	For >500 To 1000, Deduct	-323.21	
	For >1000, Deduct	-412.13	
26 56 19 00-0058	EA 80 LEDs, 90 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG).....	2,196.91	167.83
	For Multi-Level Drive Currents, Add	230.60	
	For >50 To 100, Deduct	-109.85	
	For >100 To 250, Deduct	-164.77	
	For >250 To 500, Deduct	-266.22	
	For >500 To 1000, Deduct	-367.68	
	For >1000, Deduct	-469.13	
26 56 19 00-0059	EA 100 LEDs, 111 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG).....	2,455.83	176.22
	For Multi-Level Drive Currents, Add	230.60	
	For >50 To 100, Deduct	-122.79	
	For >100 To 250, Deduct	-184.19	
	For >250 To 500, Deduct	-298.17	
	For >500 To 1000, Deduct	-412.15	
	For >1000, Deduct	-526.13	
26 56 19 00-0060	EA 120 LEDs, 132 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG).....	3,228.65	184.61
	For Multi-Level Drive Currents, Add	230.60	
	For >50 To 100, Deduct	-161.43	
	For >100 To 250, Deduct	-242.15	
	For >250 To 500, Deduct	-394.35	
	For >500 To 1000, Deduct	-546.55	
	For >1000, Deduct	-698.75	
26 56 19 00-0061	EA 140 LEDs, 157 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG).....	3,487.56	193.01
	For Multi-Level Drive Currents, Add	230.60	
	For >50 To 100, Deduct	-174.38	
	For >100 To 250, Deduct	-261.57	
	For >250 To 500, Deduct	-426.30	
	For >500 To 1000, Deduct	-591.02	
	For >1000, Deduct	-755.75	
26 56 19 00-0062	EA 160 LEDs, 179 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG).....	3,746.47	201.39
	For Multi-Level Drive Currents, Add	230.60	
	For >50 To 100, Deduct	-187.32	
	For >100 To 250, Deduct	-280.99	
	For >250 To 500, Deduct	-458.24	
	For >500 To 1000, Deduct	-635.49	
	For >1000, Deduct	-812.75	
26 56 19 00-0063	Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® BetaLED® XSP) <small>(26 56 19 00-0042)</small>		
	Note: UL wet listed. Includes 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0064	EA 4,806 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-B-HT-XXX-A).....	708.01	151.04
	For 3 Or 7-Pin NEMA Photocell Receptacle, Add	19.42	
	For Backlight Control Shield, Add	33.47	
	For Field Adjustable Output, Add	29.15	
	For Bird Spikes, Add	51.81	
	For Field Adjustable Output And Utility Label, Add	38.86	
	For Fuse, Add	58.28	
	For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	58.28	
	For 480 Volt, Add	87.42	
	For Multi-Level, Add	126.26	
	For >50 To 100, Deduct	-35.40	
	For >100 To 250, Deduct	-53.10	
	For >250 To 500, Deduct	-80.95	
	For >500 To 1000, Deduct	-108.80	
	For >1000, Deduct	-136.65	
26 56 19 00-0065	EA 5,340 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-B-HT-XXX-A).....	708.01	151.04
	For 3 Or 7-Pin NEMA Photocell Receptacle, Add	19.42	
	For Backlight Control Shield, Add	33.47	
	For Field Adjustable Output, Add	29.15	
	For Bird Spikes, Add	51.81	
	For Field Adjustable Output And Utility Label, Add	38.86	
	For Fuse, Add	58.28	
	For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	58.28	
	For 480 Volt, Add	87.42	
	For Multi-Level, Add	126.26	
	For >50 To 100, Deduct	-35.40	
	For >100 To 250, Deduct	-53.10	
	For >250 To 500, Deduct	-80.95	
	For >500 To 1000, Deduct	-108.80	
	For >1000, Deduct	-136.65	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0066	EA		8,407 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-C-HT-XXX-E).....	781.44	151.04
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	19.42	
			<i>For Backlight Control Shield, Add</i>	33.47	
			<i>For Field Adjustable Output, Add</i>	29.15	
			<i>For Bird Spikes, Add</i>	51.81	
			<i>For Field Adjustable Output And Utility Label, Add</i>	38.86	
			<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	58.28	
			<i>For 480 Volt, Add</i>	87.42	
			<i>For >50 To 100, Deduct</i>	-39.07	
			<i>For >100 To 250, Deduct</i>	-58.61	
			<i>For >250 To 500, Deduct</i>	-90.13	
			<i>For >500 To 1000, Deduct</i>	-121.65	
			<i>For >1000, Deduct</i>	-153.17	
26 56 19 00-0067	EA		8,820 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-C-HT-XXX-E).....	781.44	151.04
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	19.42	
			<i>For Backlight Control Shield, Add</i>	33.47	
			<i>For Field Adjustable Output, Add</i>	29.15	
			<i>For Bird Spikes, Add</i>	51.81	
			<i>For Field Adjustable Output And Utility Label, Add</i>	38.86	
			<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	58.28	
			<i>For 480 Volt, Add</i>	87.42	
			<i>For >50 To 100, Deduct</i>	-39.07	
			<i>For >100 To 250, Deduct</i>	-58.61	
			<i>For >250 To 500, Deduct</i>	-90.13	
			<i>For >500 To 1000, Deduct</i>	-121.65	
			<i>For >1000, Deduct</i>	-153.17	
26 56 19 00-0068	EA		9,612 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-B-HT-XXX-B).....	911.97	151.04
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	19.42	
			<i>For Field Adjustable Output, Add</i>	29.15	
			<i>For Backlight Control Shield, Add</i>	47.73	
			<i>For Field Adjustable Output And Utility Label, Add</i>	38.86	
			<i>For Fuse, Add</i>	58.28	
			<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	58.28	
			<i>For Bird Spikes, Add</i>	84.46	
			<i>For 480 Volt, Add</i>	87.42	
			<i>For Multi-Level, Add</i>	126.26	
			<i>For >50 To 100, Deduct</i>	-45.60	
			<i>For >100 To 250, Deduct</i>	-68.40	
			<i>For >250 To 500, Deduct</i>	-106.44	
			<i>For >500 To 1000, Deduct</i>	-144.49	
			<i>For >1000, Deduct</i>	-182.54	
26 56 19 00-0069	EA		10,680 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-B-HT-XXX-B).....	911.97	151.04
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	19.42	
			<i>For Field Adjustable Output, Add</i>	29.15	
			<i>For Backlight Control Shield, Add</i>	47.73	
			<i>For Field Adjustable Output And Utility Label, Add</i>	38.86	
			<i>For Fuse, Add</i>	58.28	
			<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	58.28	
			<i>For Bird Spikes, Add</i>	84.46	
			<i>For 480 Volt, Add</i>	87.42	
			<i>For Multi-Level, Add</i>	126.26	
			<i>For >50 To 100, Deduct</i>	-45.60	
			<i>For >100 To 250, Deduct</i>	-68.40	
			<i>For >250 To 500, Deduct</i>	-106.44	
			<i>For >500 To 1000, Deduct</i>	-144.49	
			<i>For >1000, Deduct</i>	-182.54	
26 56 19 00-0070	EA		13,732 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-C-HT-XXX-F).....	1,034.37	151.04
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	19.42	
			<i>For Field Adjustable Output, Add</i>	29.15	
			<i>For Backlight Control Shield, Add</i>	47.73	
			<i>For Field Adjustable Output And Utility Label, Add</i>	38.86	
			<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	58.28	
			<i>For Bird Spikes, Add</i>	84.46	
			<i>For 480 Volt, Add</i>	87.42	
			<i>For >50 To 100, Deduct</i>	-51.72	
			<i>For >100 To 250, Deduct</i>	-77.58	
			<i>For >250 To 500, Deduct</i>	-121.74	
			<i>For >500 To 1000, Deduct</i>	-165.91	
			<i>For >1000, Deduct</i>	-210.08	
26 56 19 00-0071	EA		14,408 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-C-HT-XXX-F).....	1,034.37	151.04
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	19.42	
			<i>For Field Adjustable Output, Add</i>	29.15	
			<i>For Backlight Control Shield, Add</i>	47.73	
			<i>For Field Adjustable Output And Utility Label, Add</i>	38.86	
			<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	58.28	
			<i>For Bird Spikes, Add</i>	84.46	
			<i>For 480 Volt, Add</i>	87.42	
			<i>For >50 To 100, Deduct</i>	-51.72	
			<i>For >100 To 250, Deduct</i>	-77.58	
			<i>For >250 To 500, Deduct</i>	-121.74	
			<i>For >500 To 1000, Deduct</i>	-165.91	
			<i>For >1000, Deduct</i>	-210.08	

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 56 19 00-0072	EA	2,529 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-A-O-X-G).....	577.46	151.04
		<i>For Utility Label, Add</i>	9.71	
		<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	19.42	
		<i>For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	29.15	
		<i>For 0 To 10 Volt Dimming, Add</i>	58.28	
		<i>For >50 To 100, Deduct</i>	-28.87	
		<i>For >100 To 250, Deduct</i>	-43.31	
		<i>For >250 To 500, Deduct</i>	-64.63	
		<i>For >500 To 1000, Deduct</i>	-85.95	
		<i>For >1000, Deduct</i>	-107.27	
26 56 19 00-0073	EA	2,722 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-A-O-X-X-G).....	577.46	151.04
		<i>For Utility Label, Add</i>	9.71	
		<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	19.42	
		<i>For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	29.15	
		<i>For 0 To 10 Volt Dimming, Add</i>	58.28	
		<i>For >50 To 100, Deduct</i>	-28.87	
		<i>For >100 To 250, Deduct</i>	-43.31	
		<i>For >250 To 500, Deduct</i>	-64.63	
		<i>For >500 To 1000, Deduct</i>	-85.95	
		<i>For >1000, Deduct</i>	-107.27	
26 56 19 00-0074	EA	3,819 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-A-O-X-X-C).....	608.06	151.04
		<i>For Utility Label, Add</i>	9.71	
		<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	19.42	
		<i>For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	29.15	
		<i>For 0 To 10 Volt Dimming, Add</i>	58.28	
		<i>For >50 To 100, Deduct</i>	-30.40	
		<i>For >100 To 250, Deduct</i>	-45.60	
		<i>For >250 To 500, Deduct</i>	-68.46	
		<i>For >500 To 1000, Deduct</i>	-91.31	
		<i>For >1000, Deduct</i>	-114.16	
26 56 19 00-0075	EA	4,109 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-A-O-X-X-C).....	608.06	151.04
		<i>For Utility Label, Add</i>	9.71	
		<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	19.42	
		<i>For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	29.15	
		<i>For 0 To 10 Volt Dimming, Add</i>	58.28	
		<i>For >50 To 100, Deduct</i>	-30.40	
		<i>For >100 To 250, Deduct</i>	-45.60	
		<i>For >250 To 500, Deduct</i>	-68.46	
		<i>For >500 To 1000, Deduct</i>	-91.31	
		<i>For >1000, Deduct</i>	-114.16	
26 56 19 00-0076	EA	4,548 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-B-HT-XXX-A).....	618.26	151.04
		<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	19.42	
		<i>For Field Adjustable Output, Add</i>	29.15	
		<i>For Field Adjustable Output And Utility Label, Add</i>	38.86	
		<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	58.28	
		<i>For 0 To 10 Volt Dimming, Add</i>	58.28	
		<i>For >50 To 100, Deduct</i>	-30.91	
		<i>For >100 To 250, Deduct</i>	-46.37	
		<i>For >250 To 500, Deduct</i>	-69.73	
		<i>For >500 To 1000, Deduct</i>	-93.09	
		<i>For >1000, Deduct</i>	-116.45	
26 56 19 00-0077	EA	4,627 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-B-HT-XXX-A).....	618.26	151.04
		<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	19.42	
		<i>For Field Adjustable Output, Add</i>	29.15	
		<i>For Field Adjustable Output And Utility Label, Add</i>	38.86	
		<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	58.28	
		<i>For 0 To 10 Volt Dimming, Add</i>	58.28	
		<i>For >50 To 100, Deduct</i>	-30.91	
		<i>For >100 To 250, Deduct</i>	-46.37	
		<i>For >250 To 500, Deduct</i>	-69.73	
		<i>For >500 To 1000, Deduct</i>	-93.09	
		<i>For >1000, Deduct</i>	-116.45	
26 56 19 00-0078		Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® RSW™) <small>(26 56 19 00-0042)</small> Note: UL wet listed. Includes 120-277 voltage, die-cast extruded aluminum housing assembly and gray powder coat finish. Includes utility label and NEMA® photocell receptacle. Excludes sensors.		
26 56 19 00-0079	EA	3,300 Lumens, 3000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-XXX-30W-30K-UL-GY-N).....	597.87	151.04
		<i>For Field Adjustable Output, Add</i>	29.15	
		<i>For Backlight Control Shield, Add</i>	63.67	
		<i>For Bird Spikes, Add</i>	85.03	
		<i>For >50 To 100, Deduct</i>	-29.89	
		<i>For >100 To 250, Deduct</i>	-44.84	
		<i>For >250 To 500, Deduct</i>	-67.18	
		<i>For >500 To 1000, Deduct</i>	-89.52	
		<i>For >1000, Deduct</i>	-111.86	

Electrical	26	26
Lighting	26 50	
Exterior Lighting	26 56	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 56 19 00-0080	EA 3,300 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-XXX-30W-40K-UL-GY-N)	597.87	151.04
	<i>For Field Adjustable Output, Add</i>	29.15	
	<i>For Backlight Control Shield, Add</i>	63.67	
	<i>For Bird Spikes, Add</i>	85.03	
	<i>For >50 To 100, Deduct</i>	-29.89	
	<i>For >100 To 250, Deduct</i>	-44.84	
	<i>For >250 To 500, Deduct</i>	-67.18	
	<i>For >500 To 1000, Deduct</i>	-89.52	
	<i>For >1000, Deduct</i>	-111.86	
26 56 19 00-0081	EA 5,000 Lumens, 3000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-2ME-50W-30K-UL-GY-N)	618.26	151.04
	<i>For Field Adjustable Output, Add</i>	29.15	
	<i>For Backlight Control Shield, Add</i>	63.67	
	<i>For Bird Spikes, Add</i>	85.03	
	<i>For >50 To 100, Deduct</i>	-30.91	
	<i>For >100 To 250, Deduct</i>	-46.37	
	<i>For >250 To 500, Deduct</i>	-69.73	
	<i>For >500 To 1000, Deduct</i>	-93.09	
	<i>For >1000, Deduct</i>	-116.45	
26 56 19 00-0082	EA 5,000 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-2ME-50W-40K-UL-GY-N)	618.26	151.04
	<i>For Field Adjustable Output, Add</i>	29.15	
	<i>For Backlight Control Shield, Add</i>	63.67	
	<i>For Bird Spikes, Add</i>	85.03	
	<i>For >50 To 100, Deduct</i>	-30.91	
	<i>For >100 To 250, Deduct</i>	-46.37	
	<i>For >250 To 500, Deduct</i>	-69.73	
	<i>For >500 To 1000, Deduct</i>	-93.09	
	<i>For >1000, Deduct</i>	-116.45	
26 56 19 00-0083	LED Roadway Lighting (Cooper Lighting) <small>(26 56 19 00-0029)</small>		
26 56 19 00-0084	Horizontal Tenon Mount, LED Roadway Fixtures (Cooper Lighting Streetworks NVN™) <small>(26 56 19 00-0083)</small> Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0085	EA 1 LED Light Square, 51 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA).....	977.46	151.04
	<i>For >50 To 100, Deduct</i>	-48.87	
	<i>For >100 To 250, Deduct</i>	-73.31	
	<i>For >250 To 500, Deduct</i>	-114.63	
	<i>For >500 To 1000, Deduct</i>	-155.95	
	<i>For >1000, Deduct</i>	-197.27	
26 56 19 00-0086	EA 2 LED Light Squares, 103 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA).....	1,330.80	167.83
	<i>For >50 To 100, Deduct</i>	-66.54	
	<i>For >100 To 250, Deduct</i>	-99.81	
	<i>For >250 To 500, Deduct</i>	-157.96	
	<i>For >500 To 1000, Deduct</i>	-216.11	
	<i>For >1000, Deduct</i>	-274.26	
26 56 19 00-0087	EA 3 LED Light Squares, 154 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA).....	1,425.39	193.01
	<i>For >50 To 100, Deduct</i>	-71.27	
	<i>For >100 To 250, Deduct</i>	-106.90	
	<i>For >250 To 500, Deduct</i>	-168.52	
	<i>For >500 To 1000, Deduct</i>	-230.14	
	<i>For >1000, Deduct</i>	-291.76	
26 56 19 00-0088	EA 4 LED Light Squares, 206 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA).....	2,133.29	209.78
	<i>For >50 To 100, Deduct</i>	-106.66	
	<i>For >100 To 250, Deduct</i>	-160.00	
	<i>For >250 To 500, Deduct</i>	-256.17	
	<i>For >500 To 1000, Deduct</i>	-352.35	
	<i>For >1000, Deduct</i>	-448.52	
26 56 19 00-0089	EA 6 LED Light Squares, 309 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA).....	2,803.77	238.83
	<i>For >50 To 100, Deduct</i>	-140.19	
	<i>For >100 To 250, Deduct</i>	-210.28	
	<i>For >250 To 500, Deduct</i>	-338.53	
	<i>For >500 To 1000, Deduct</i>	-466.78	
	<i>For >1000, Deduct</i>	-595.02	
26 56 19 00-0090	LED Roadway Lighting (PlanLED) <small>(26 56 19 00-0029)</small>		
26 56 19 00-0091	Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera HERA) <small>(26 56 19 00-0090)</small> Note: UL wet listed. Includes 3,000K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0092	EA 8,500 Lumens, 85 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 85W)	1,180.36	146.85
	<i>For >50 To 100, Deduct</i>	-59.02	
	<i>For >100 To 250, Deduct</i>	-88.53	
	<i>For >250 To 500, Deduct</i>	-140.20	
	<i>For >500 To 1000, Deduct</i>	-191.88	
	<i>For >1000, Deduct</i>	-243.55	

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 56 19 00-0093	EA	11,000 Lumens, 110 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 110W)	1,285.72	148.46
		<i>For >50 To 100, Deduct</i>	-64.29	
		<i>For >100 To 250, Deduct</i>	-96.43	
		<i>For >250 To 500, Deduct</i>	-153.29	
		<i>For >500 To 1000, Deduct</i>	-210.16	
		<i>For >1000, Deduct</i>	-267.02	
26 56 19 00-0094	EA	15,000 Lumens, 150 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 150W)	1,368.53	151.04
		<i>For >50 To 100, Deduct</i>	-68.43	
		<i>For >100 To 250, Deduct</i>	-102.64	
		<i>For >250 To 500, Deduct</i>	-163.51	
		<i>For >500 To 1000, Deduct</i>	-224.39	
		<i>For >1000, Deduct</i>	-285.26	
26 56 19 00-0095		Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera SETA) <small>(26 56 19 00-0090)</small>		
		Note: UL wet listed. Includes 3,000K, 3,500K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0096	EA	7,200 Lumens, 60 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET060)	770.79	143.30
		<i>For >50 To 100, Deduct</i>	-38.54	
		<i>For >100 To 250, Deduct</i>	-57.81	
		<i>For >250 To 500, Deduct</i>	-89.18	
		<i>For >500 To 1000, Deduct</i>	-120.56	
		<i>For >1000, Deduct</i>	-151.93	
26 56 19 00-0097	EA	10,000 Lumens, 80 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET080)	827.03	145.88
		<i>For >50 To 100, Deduct</i>	-41.35	
		<i>For >100 To 250, Deduct</i>	-62.03	
		<i>For >250 To 500, Deduct</i>	-96.08	
		<i>For >500 To 1000, Deduct</i>	-130.14	
		<i>For >1000, Deduct</i>	-164.20	
26 56 19 00-0098	EA	12,500 Lumens, 100 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET100)	915.94	148.46
		<i>For >50 To 100, Deduct</i>	-45.80	
		<i>For >100 To 250, Deduct</i>	-68.70	
		<i>For >250 To 500, Deduct</i>	-107.07	
		<i>For >500 To 1000, Deduct</i>	-145.44	
		<i>For >1000, Deduct</i>	-183.82	
26 56 19 00-0099		Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera META) <small>(26 56 19 00-0090)</small>		
		Note: UL wet listed. Includes 3,000K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0100	EA	13,000 Lumens, 100 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT100)	975.19	148.46
		<i>For 0 To 10 Volt Dimming, Add</i>	88.26	
		<i>For 480 Volt, Add</i>	88.26	
		<i>For >50 To 100, Deduct</i>	-48.76	
		<i>For >100 To 250, Deduct</i>	-73.14	
		<i>For >250 To 500, Deduct</i>	-114.48	
		<i>For >500 To 1000, Deduct</i>	-155.81	
		<i>For >1000, Deduct</i>	-197.15	
26 56 19 00-0101	EA	16,900 Lumens, 130 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT130)	1,084.01	149.75
		<i>For 0 To 10 Volt Dimming, Add</i>	88.26	
		<i>For 480 Volt, Add</i>	26.64	
		<i>For >50 To 100, Deduct</i>	-54.20	
		<i>For >100 To 250, Deduct</i>	-81.30	
		<i>For >250 To 500, Deduct</i>	-128.01	
		<i>For >500 To 1000, Deduct</i>	-174.73	
		<i>For >1000, Deduct</i>	-221.44	
26 56 19 00-0102	EA	19,500 Lumens, 150 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT150)	1,168.32	151.04
		<i>For 0 To 10 Volt Dimming, Add</i>	88.26	
		<i>For 480 Volt, Add</i>	110.30	
		<i>For >50 To 100, Deduct</i>	-58.42	
		<i>For >100 To 250, Deduct</i>	-87.62	
		<i>For >250 To 500, Deduct</i>	-138.49	
		<i>For >500 To 1000, Deduct</i>	-189.35	
		<i>For >1000, Deduct</i>	-240.22	
26 56 19 00-0103		LED Roadway Lighting (General Electric) <small>(26 56 19 00-0029)</small>		
26 56 19 00-0104		Horizontal Tenon Mount, LED Cobra Head Street Lights (General Electric) <small>(26 56 19 00-0103)</small>		
		Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black or gray powder coat finish. Excludes sensors.		
26 56 19 00-0105	EA	2,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 02XX 40 A GRAY)	583.69	142.65
		<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
		<i>For >50 To 100, Deduct</i>	-29.18	
		<i>For >100 To 250, Deduct</i>	-43.78	
		<i>For >250 To 500, Deduct</i>	-65.83	
		<i>For >500 To 1000, Deduct</i>	-87.88	
		<i>For >1000, Deduct</i>	-109.93	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0106	EA		3,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 03XX 40 A GRAY).....	587.56	144.59
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For >50 To 100, Deduct	-29.38	
			For >100 To 250, Deduct	-44.07	
			For >250 To 500, Deduct	-66.22	
			For >500 To 1000, Deduct	-88.36	
			For >1000, Deduct	-110.51	
26 56 19 00-0107	EA		4,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 04XX 40 A GRAY).....	612.72	146.85
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For >50 To 100, Deduct	-30.64	
			For >100 To 250, Deduct	-45.95	
			For >250 To 500, Deduct	-69.25	
			For >500 To 1000, Deduct	-92.54	
			For >1000, Deduct	-115.83	
26 56 19 00-0108	EA		5,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 05XX 40 A GRAY).....	638.46	148.46
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For >50 To 100, Deduct	-31.92	
			For >100 To 250, Deduct	-47.88	
			For >250 To 500, Deduct	-72.38	
			For >500 To 1000, Deduct	-96.88	
			For >1000, Deduct	-121.38	
26 56 19 00-0109	EA		7,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 07XX 40 A GRAY).....	706.85	151.69
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For >50 To 100, Deduct	-35.34	
			For >100 To 250, Deduct	-53.01	
			For >250 To 500, Deduct	-80.77	
			For >500 To 1000, Deduct	-108.53	
			For >1000, Deduct	-136.29	
26 56 19 00-0110	EA		8,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 08XX 40 A GRAY).....	743.21	152.99
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For >50 To 100, Deduct	-37.16	
			For >100 To 250, Deduct	-55.74	
			For >250 To 500, Deduct	-85.25	
			For >500 To 1000, Deduct	-114.76	
			For >1000, Deduct	-144.28	
26 56 19 00-0111	EA		9,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 10XX 40 A GRAY).....	811.53	155.24
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For >50 To 100, Deduct	-40.58	
			For >100 To 250, Deduct	-60.86	
			For >250 To 500, Deduct	-93.68	
			For >500 To 1000, Deduct	-126.49	
			For >1000, Deduct	-159.31	
26 56 19 00-0112	EA		13,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERLH 0 13XX 40 A GRAY).....	956.91	159.43
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For >50 To 100, Deduct	-47.85	
			For >100 To 250, Deduct	-71.77	
			For >250 To 500, Deduct	-111.64	
			For >500 To 1000, Deduct	-151.52	
			For >1000, Deduct	-191.39	
26 56 19 00-0113	EA		19,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL2 0 19XX 40 A GRAY).....	1,123.82	167.83
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For >50 To 100, Deduct	-56.19	
			For >100 To 250, Deduct	-84.29	
			For >250 To 500, Deduct	-132.09	
			For >500 To 1000, Deduct	-179.89	
			For >1000, Deduct	-227.69	
26 56 19 00-0114			LED Roadway Lighting (Acuity AEL Autobahn) <small>(26 56 19 00-0029)</small>		
26 56 19 00-0115			Horizontal Tenon Mount, LED Cobra Head Street Lights (Acuity AEL Autobahn) <small>(26 56 19 00-0114)</small>		
			Note: UL wet listed. Includes 4,000K or 5,000K color temperature, 120-480 voltage, integral 10kV surge suppression, 0-10V dimming, die-cast extruded aluminum housing assembly and white, black, gray, graphite or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0116	EA		4,200 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB0 20ALEDE70).....	1,143.60	146.85
			For >50 To 100, Deduct	-57.18	
			For >100 To 250, Deduct	-85.77	
			For >250 To 500, Deduct	-135.61	
			For >500 To 1000, Deduct	-185.45	
			For >1000, Deduct	-235.28	
26 56 19 00-0117	EA		6,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB0 30BLEDE70).....	1,424.54	151.04
			For >50 To 100, Deduct	-71.23	
			For >100 To 250, Deduct	-106.84	
			For >250 To 500, Deduct	-170.52	
			For >500 To 1000, Deduct	-234.19	
			For >1000, Deduct	-297.86	
26 56 19 00-0118	EA		9,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 40BLEDE70).....	1,994.29	155.24
			For >50 To 100, Deduct	-99.71	
			For >100 To 250, Deduct	-149.57	
			For >250 To 500, Deduct	-241.52	
			For >500 To 1000, Deduct	-333.48	
			For >1000, Deduct	-425.43	

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 56 19 00-0119	EA	13,500 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 60BLEDE70).....	2,567.78	161.37
		<i>For >50 To 100, Deduct</i>	-128.39	
		<i>For >100 To 250, Deduct</i>	-192.58	
		<i>For >250 To 500, Deduct</i>	-312.90	
		<i>For >500 To 1000, Deduct</i>	-433.22	
		<i>For >1000, Deduct</i>	-553.54	
26 56 19 00-0120	EA	17,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 80BLEDE70).....	3,128.46	165.89
		<i>For >50 To 100, Deduct</i>	-156.42	
		<i>For >100 To 250, Deduct</i>	-234.63	
		<i>For >250 To 500, Deduct</i>	-382.76	
		<i>For >500 To 1000, Deduct</i>	-530.89	
		<i>For >1000, Deduct</i>	-679.02	

26 56 19 00-0121 LED Roadway Lighting (Leotek) (26 56 19 00-0029)26 56 19 00-0122 Horizontal Tenon Mount, LED Cobra Head Street Lights (Leotek) (26 56 19 00-0121)

Note: UL wet listed. Includes 4,000K color temperature, 120-277 voltage, integral surge protector, die-cast and extruded aluminum housing assembly and gray powder coat finish. Excludes sensors.

26 56 19 00-0123	EA	Up To 3,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC1-4M2-MV-NW-X-GY-XXX-WL).....	597.15	146.85
		<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
		<i>For Twist Lock Shorting Cap, Add</i>	9.38	
		<i>For ANSI 7-wire Photocontrol Receptacle, Add</i>	28.15	
		<i>For Ripley Long-Life Twist Lock Photocontrol, Add</i>	50.37	
		<i>For >50 To 100, Deduct</i>	-29.86	
		<i>For >100 To 250, Deduct</i>	-44.79	
		<i>For >250 To 500, Deduct</i>	-67.30	
		<i>For >500 To 1000, Deduct</i>	-89.82	
		<i>For >1000, Deduct</i>	-112.33	
26 56 19 00-0124	EA	Up To 5,150 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC1-4M2-MV-NW-X-GY-1AMP-WL).....	610.22	148.46
		<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
		<i>For Twist Lock Shorting Cap, Add</i>	9.38	
		<i>For ANSI 7-wire Photocontrol Receptacle, Add</i>	28.15	
		<i>For Ripley Long-Life Twist Lock Photocontrol, Add</i>	50.37	
		<i>For >50 To 100, Deduct</i>	-30.51	
		<i>For >100 To 250, Deduct</i>	-45.77	
		<i>For >250 To 500, Deduct</i>	-68.85	
		<i>For >500 To 1000, Deduct</i>	-91.94	
		<i>For >1000, Deduct</i>	-115.03	
26 56 19 00-0125	EA	Up To 5,950 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC1-6M2-MV-NW-X-GY-XXX-WL).....	651.57	149.43
		<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
		<i>For Twist Lock Shorting Cap, Add</i>	9.38	
		<i>For ANSI 7-wire Photocontrol Receptacle, Add</i>	28.15	
		<i>For Ripley Long-Life Twist Lock Photocontrol, Add</i>	50.37	
		<i>For >50 To 100, Deduct</i>	-32.58	
		<i>For >100 To 250, Deduct</i>	-48.87	
		<i>For >250 To 500, Deduct</i>	-73.97	
		<i>For >500 To 1000, Deduct</i>	-99.08	
		<i>For >1000, Deduct</i>	-124.19	
26 56 19 00-0126	EA	Up To 9,950 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC3-10M2-MV-NW-X-GY-XXX-WL).....	757.77	155.24
		<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
		<i>For Twist Lock Shorting Cap, Add</i>	9.38	
		<i>For ANSI 7-wire Photocontrol Receptacle, Add</i>	28.15	
		<i>For Ripley Long-Life Twist Lock Photocontrol, Add</i>	50.37	
		<i>For >50 To 100, Deduct</i>	-37.89	
		<i>For >100 To 250, Deduct</i>	-56.83	
		<i>For >250 To 500, Deduct</i>	-86.96	
		<i>For >500 To 1000, Deduct</i>	-117.09	
		<i>For >1000, Deduct</i>	-147.21	
26 56 19 00-0127	EA	Up To 11,450 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC4-12M2-MV-NW-X-GY-XXX-WL).....	888.32	159.43
		<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
		<i>For Twist Lock Shorting Cap, Add</i>	9.38	
		<i>For ANSI 7-wire Photocontrol Receptacle, Add</i>	28.15	
		<i>For Ripley Long-Life Twist Lock Photocontrol, Add</i>	50.37	
		<i>For >50 To 100, Deduct</i>	-44.42	
		<i>For >100 To 250, Deduct</i>	-66.62	
		<i>For >250 To 500, Deduct</i>	-103.07	
		<i>For >500 To 1000, Deduct</i>	-139.51	
		<i>For >1000, Deduct</i>	-175.96	
26 56 19 00-0128	EA	Up To 14,550 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC4-15M2-MV-NW-X-GY-XXX-WL).....	893.49	162.01
		<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
		<i>For Twist Lock Shorting Cap, Add</i>	9.38	
		<i>For ANSI 7-wire Photocontrol Receptacle, Add</i>	28.15	
		<i>For Ripley Long-Life Twist Lock Photocontrol, Add</i>	50.37	
		<i>For >50 To 100, Deduct</i>	-44.67	
		<i>For >100 To 250, Deduct</i>	-67.01	
		<i>For >250 To 500, Deduct</i>	-103.59	
		<i>For >500 To 1000, Deduct</i>	-140.16	
		<i>For >1000, Deduct</i>	-176.73	

Electrical	26	26
Lighting	26 50	
Exterior Lighting	26 56	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 56 19 00-0129	EA		Up To 16,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC7-18M2-MV-NW-X-GY-XXX-WL)	1,097.67	164.60
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.38	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.15	
			For Ripley Long-Life Twist Lock Photocontrol, Add	50.37	
			For >50 To 100, Deduct	-54.88	
			For >100 To 250, Deduct	-82.33	
			For >250 To 500, Deduct	-128.98	
			For >500 To 1000, Deduct	-175.63	
			For >1000, Deduct	-222.29	
26 56 19 00-0130	EA		Up To 18,750 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC7-20M2-MV-NW-X-GY-XXX-WL)	1,151.41	167.83
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.38	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.15	
			For Ripley Long-Life Twist Lock Photocontrol, Add	50.37	
			For >50 To 100, Deduct	-57.57	
			For >100 To 250, Deduct	-86.36	
			For >250 To 500, Deduct	-135.54	
			For >500 To 1000, Deduct	-184.71	
			For >1000, Deduct	-233.89	
26 56 19 00-0131	EA		Up To 22,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC7-24M2-MV-NW-X-GY-XXX-WL)	1,286.63	170.41
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.38	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.15	
			For Ripley Long-Life Twist Lock Photocontrol, Add	50.37	
			For >50 To 100, Deduct	-64.33	
			For >100 To 250, Deduct	-96.50	
			For >250 To 500, Deduct	-152.31	
			For >500 To 1000, Deduct	-208.12	
			For >1000, Deduct	-263.93	
26 56 19 00-0132	EA		Up To 29,150 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC9-30M2-MV-NW-X-GY-XXX-WL)	1,380.46	173.00
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.38	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.15	
			For Ripley Long-Life Twist Lock Photocontrol, Add	50.37	
			For >50 To 100, Deduct	-69.02	
			For >100 To 250, Deduct	-103.53	
			For >250 To 500, Deduct	-163.91	
			For >500 To 1000, Deduct	-224.28	
			For >1000, Deduct	-284.66	
26 56 19 00-0133	EA		Up To 4,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-20F-MV-NW-X-GY-XXX-WL)	692.98	148.46
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.38	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.15	
			For Ripley Long-Life Twist Lock Photocontrol, Add	50.37	
			For >50 To 100, Deduct	-34.65	
			For >100 To 250, Deduct	-51.97	
			For >250 To 500, Deduct	-79.20	
			For >500 To 1000, Deduct	-106.43	
			For >1000, Deduct	-133.65	
26 56 19 00-0134	EA		Up To 7,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-30F-MV-NW-X-GY-XXX-WL)	761.81	152.33
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.38	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.15	
			For Ripley Long-Life Twist Lock Photocontrol, Add	50.37	
			For >50 To 100, Deduct	-38.09	
			For >100 To 250, Deduct	-57.14	
			For >250 To 500, Deduct	-87.61	
			For >500 To 1000, Deduct	-118.08	
			For >1000, Deduct	-148.56	
26 56 19 00-0135	EA		Up To 9,300 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-40F-MV-NW-X-GY-XXX-WL)	822.79	155.24
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.38	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.15	
			For Ripley Long-Life Twist Lock Photocontrol, Add	50.37	
			For >50 To 100, Deduct	-41.14	
			For >100 To 250, Deduct	-61.71	
			For >250 To 500, Deduct	-95.09	
			For >500 To 1000, Deduct	-128.46	
			For >1000, Deduct	-161.84	
26 56 19 00-0136	EA		Up To 12,300 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-40F-MV-NW-X-GY-1AMP-WL)	875.21	158.79
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.38	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.15	
			For Ripley Long-Life Twist Lock Photocontrol, Add	50.37	
			For >50 To 100, Deduct	-43.76	
			For >100 To 250, Deduct	-65.64	
			For >250 To 500, Deduct	-101.46	
			For >500 To 1000, Deduct	-137.28	
			For >1000, Deduct	-173.10	

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 56 19 00-0137	EA	Up To 13,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-60F-MV-NW-X-GY-XXX-WL).....	929.02	160.08
		For LightGrid™ Wireless Outdoor Controller, Add	20.00	
		For Twist Lock Shorting Cap, Add	9.38	
		For ANSI 7-wire Photocontrol Receptacle, Add	28.15	
		For Ripley Long-Life Twist Lock Photocontrol, Add	50.37	
		For >50 To 100, Deduct	-46.45	
		For >100 To 250, Deduct	-69.68	
		For >250 To 500, Deduct	-108.12	
		For >500 To 1000, Deduct	-146.57	
		For >1000, Deduct	-185.02	
26 56 19 00-0138	EA	Up To 17,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-80F-MV-NW-X-GY-XXX-WL).....	1,108.14	165.89
		For LightGrid™ Wireless Outdoor Controller, Add	20.00	
		For Twist Lock Shorting Cap, Add	9.38	
		For ANSI 7-wire Photocontrol Receptacle, Add	28.15	
		For Ripley Long-Life Twist Lock Photocontrol, Add	50.37	
		For >50 To 100, Deduct	-55.41	
		For >100 To 250, Deduct	-83.11	
		For >250 To 500, Deduct	-130.22	
		For >500 To 1000, Deduct	-177.34	
		For >1000, Deduct	-224.45	
26 56 19 00-0139	EA	Up To 19,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC2-90F-MV-NW-X-GY-XXX-WL).....	1,254.48	169.12
		For LightGrid™ Wireless Outdoor Controller, Add	20.00	
		For Twist Lock Shorting Cap, Add	9.38	
		For ANSI 7-wire Photocontrol Receptacle, Add	28.15	
		For Ripley Long-Life Twist Lock Photocontrol, Add	50.37	
		For >50 To 100, Deduct	-62.72	
		For >100 To 250, Deduct	-94.09	
		For >250 To 500, Deduct	-148.35	
		For >500 To 1000, Deduct	-202.62	
		For >1000, Deduct	-256.89	
26 56 19 00-0140	EA	Up To 22,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC2-100F-MV-NW-X-GY-XXX-WL).....	1,334.59	169.76
		For LightGrid™ Wireless Outdoor Controller, Add	20.00	
		For Twist Lock Shorting Cap, Add	9.38	
		For ANSI 7-wire Photocontrol Receptacle, Add	28.15	
		For Ripley Long-Life Twist Lock Photocontrol, Add	50.37	
		For >50 To 100, Deduct	-66.73	
		For >100 To 250, Deduct	-100.09	
		For >250 To 500, Deduct	-158.34	
		For >500 To 1000, Deduct	-216.58	
		For >1000, Deduct	-274.82	
26 56 19 00-0141	EA	Up To 26,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC2-120F-MV-NW-X-GY-XXX-WL).....	1,411.37	171.70
		For LightGrid™ Wireless Outdoor Controller, Add	20.00	
		For Twist Lock Shorting Cap, Add	9.38	
		For ANSI 7-wire Photocontrol Receptacle, Add	28.15	
		For Ripley Long-Life Twist Lock Photocontrol, Add	50.37	
		For >50 To 100, Deduct	-70.57	
		For >100 To 250, Deduct	-105.85	
		For >250 To 500, Deduct	-167.84	
		For >500 To 1000, Deduct	-229.82	
		For >1000, Deduct	-291.80	
26 56 19 00-0142	EA	Up To 11,720 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCM2-30H-MV-NW-X-GY-1AMP).....	743.74	162.01
		For LightGrid™ Wireless Outdoor Controller, Add	20.00	
		For Twist Lock Shorting Cap, Add	9.38	
		For ANSI 7-wire Photocontrol Receptacle, Add	28.15	
		For Ripley Long-Life Twist Lock Photocontrol, Add	50.37	
		For >50 To 100, Deduct	-37.19	
		For >100 To 250, Deduct	-55.78	
		For >250 To 500, Deduct	-84.87	
		For >500 To 1000, Deduct	-113.95	
		For >1000, Deduct	-143.04	
26 56 19 00-0143	EA	Up To 15,430 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCM2-40H-MV-NW-X-GY-1AMP).....	806.07	163.63
		For LightGrid™ Wireless Outdoor Controller, Add	20.00	
		For Twist Lock Shorting Cap, Add	9.38	
		For ANSI 7-wire Photocontrol Receptacle, Add	28.15	
		For Ripley Long-Life Twist Lock Photocontrol, Add	50.37	
		For >50 To 100, Deduct	-40.30	
		For >100 To 250, Deduct	-60.46	
		For >250 To 500, Deduct	-92.58	
		For >500 To 1000, Deduct	-124.70	
		For >1000, Deduct	-156.82	
26 56 19 00-0144	EA	Up To 4,180 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCJ0-15H-MV-NW-X-GY-XXX-WL).....	570.17	148.14
		For LightGrid™ Wireless Outdoor Controller, Add	20.00	
		For Twist Lock Shorting Cap, Add	9.38	
		For ANSI 7-wire Photocontrol Receptacle, Add	28.15	
		For Ripley Long-Life Twist Lock Photocontrol, Add	50.37	
		For >50 To 100, Deduct	-28.51	
		For >100 To 250, Deduct	-42.76	
		For >250 To 500, Deduct	-63.86	
		For >500 To 1000, Deduct	-84.97	
		For >1000, Deduct	-106.07	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 56 19 00-0145	EA		Up To 5,510 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCJ1-20H-MV-NW-X-GY-XXX-WL).....	580.63	149.43
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.38	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.15	
			For Ripley Long-Life Twist Lock Photocontrol, Add	50.37	
			For >50 To 100, Deduct	-29.03	
			For >100 To 250, Deduct	-43.55	
			For >250 To 500, Deduct	-65.11	
			For >500 To 1000, Deduct	-86.67	
			For >1000, Deduct	-108.23	
26 56 19 00-0146	EA		Up To 7,430 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCJ2-20H-MV-NW-X-GY-1AMP-WL).....	631.76	152.33
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.38	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.15	
			For Ripley Long-Life Twist Lock Photocontrol, Add	50.37	
			For >50 To 100, Deduct	-31.59	
			For >100 To 250, Deduct	-47.38	
			For >250 To 500, Deduct	-71.35	
			For >500 To 1000, Deduct	-95.32	
			For >1000, Deduct	-119.30	
26 56 19 00-0147	EA		Up To 16,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCL1-60G-MV-NW-X-GY-XXX-WL).....	977.47	164.60
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.38	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.15	
			For Ripley Long-Life Twist Lock Photocontrol, Add	50.37	
			For >50 To 100, Deduct	-48.87	
			For >100 To 250, Deduct	-73.31	
			For >250 To 500, Deduct	-113.95	
			For >500 To 1000, Deduct	-154.60	
			For >1000, Deduct	-195.24	
26 56 19 00-0148	EA		Up To 22,100 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCL1-80G-MV-NW-X-GY-XXX-WL).....	1,279.42	169.76
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.38	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.15	
			For Ripley Long-Life Twist Lock Photocontrol, Add	50.37	
			For >50 To 100, Deduct	-63.97	
			For >100 To 250, Deduct	-95.96	
			For >250 To 500, Deduct	-151.44	
			For >500 To 1000, Deduct	-206.92	
			For >1000, Deduct	-262.41	
26 56 19 00-0149	EA		Up To 22,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCL2-60G-MV-NW-X-GY-1AMP-WL).....	1,138.84	170.41
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.38	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.15	
			For Ripley Long-Life Twist Lock Photocontrol, Add	50.37	
			For >50 To 100, Deduct	-56.94	
			For >100 To 250, Deduct	-85.41	
			For >250 To 500, Deduct	-133.83	
			For >500 To 1000, Deduct	-182.26	
			For >1000, Deduct	-230.68	
26 56 19 00-0150	EA		Up To 5,484 Lumens, Horizontal Tenon Mount, LED Security Light (Leotek® SafeGuard™ SG1-01-MV-NW-5-GY).....	547.16	148.46
			For Twist Lock Shorting Cap, Add	9.38	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.15	
			For Ripley Long-Life Twist Lock Photocontrol, Add	50.37	
			For >50 To 100, Deduct	-27.36	
			For >100 To 250, Deduct	-41.04	
			For >250 To 500, Deduct	-60.97	
			For >500 To 1000, Deduct	-80.91	
			For >1000, Deduct	-100.84	
26 56 19 00-0151			LED, Area Fixtures ^(26 56 19)		
26 56 19 00-0152			Pole Mount, LED Area Fixtures ^(26 56 19 00-0151)		
26 56 19 00-0153			Pole Mount, Rectangular, LED Architectural Area Fixtures (Lithonia DSX) ^(26 56 19 00-0152)		
			Note: UL wet listed. Includes 4,000K color temperature, 480 voltage, 700mA remote driver, die-cast extruded aluminum housing assembly and white, black, aluminum or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0154	EA		20 LEDs, 49 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSXO LED).....	2,478.76	109.73
			For >50 To 100, Deduct	-123.94	
			For >100 To 250, Deduct	-185.91	
			For >250 To 500, Deduct	-304.36	
			For >500 To 1000, Deduct	-422.81	
			For >1000, Deduct	-541.26	
26 56 19 00-0155	EA		40 LEDs, 89 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSXO LED).....	2,672.43	116.19
			For >50 To 100, Deduct	-133.62	
			For >100 To 250, Deduct	-200.43	
			For >250 To 500, Deduct	-328.24	
			For >500 To 1000, Deduct	-456.06	
			For >1000, Deduct	-583.87	

26 Electrical

26 50 Lighting

26 56 Exterior Lighting



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 56 19 00-0156	EA 80 LEDs, 188 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSX2 LED)	2,878.98	129.10
	For >50 To 100, Deduct	-143.95	
	For >100 To 250, Deduct	-215.92	
	For >250 To 500, Deduct	-353.42	
	For >500 To 1000, Deduct	-490.91	
	For >1000, Deduct	-628.41	
26 56 19 00-0157	EA 100 LEDs, 218 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSX2 LED)	2,891.90	135.56
	For >50 To 100, Deduct	-144.60	
	For >100 To 250, Deduct	-216.89	
	For >250 To 500, Deduct	-354.71	
	For >500 To 1000, Deduct	-492.53	
	For >1000, Deduct	-630.34	
26 56 19 00-0158 Arm Mount, Rectangular, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EDG)			
ARE-EDG) <small>(26 56 19 00-0152)</small>			
Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type III Medium optic. Excludes sensors. All fixtures without the backlight control shield are DLC qualified			
26 56 19 00-0159	EA 40 LEDs, 47 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,240.43	116.19
	For Backlight Shielding, Add	23.06	
	For Type II Medium Optic, Add	39.31	
	For 480 Volt, Add	103.70	
	For Multi-Level Drive Currents, Add	230.60	
	For >50 To 100, Deduct	-62.02	
	For >100 To 250, Deduct	-93.03	
	For >250 To 500, Deduct	-149.24	
	For >500 To 1000, Deduct	-205.46	
	For >1000, Deduct	-261.67	
26 56 19 00-0160	EA 60 LEDs, 68 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,495.47	122.64
	For Backlight Shielding, Add	23.06	
	For Type II Medium Optic, Add	39.95	
	For 480 Volt, Add	103.70	
	For Multi-Level Drive Currents, Add	230.60	
	For >50 To 100, Deduct	-74.77	
	For >100 To 250, Deduct	-112.16	
	For >250 To 500, Deduct	-180.80	
	For >500 To 1000, Deduct	-249.44	
	For >1000, Deduct	-318.08	
26 56 19 00-0161	EA 80 LEDs, 90 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,847.68	129.10
	For Backlight Shielding, Add	23.06	
	For Type II Medium Optic, Add	40.60	
	For 480 Volt, Add	103.70	
	For Multi-Level Drive Currents, Add	230.60	
	For >50 To 100, Deduct	-92.38	
	For >100 To 250, Deduct	-138.58	
	For >250 To 500, Deduct	-224.51	
	For >500 To 1000, Deduct	-310.43	
	For >1000, Deduct	-396.36	
26 56 19 00-0162	EA 100 LEDs, 111 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	2,102.72	135.56
	For Backlight Shielding, Add	23.06	
	For Type II Medium Optic, Add	41.25	
	For 480 Volt, Add	103.70	
	For Multi-Level Drive Currents, Add	230.60	
	For >50 To 100, Deduct	-105.14	
	For >100 To 250, Deduct	-157.70	
	For >250 To 500, Deduct	-256.06	
	For >500 To 1000, Deduct	-354.42	
	For >1000, Deduct	-452.78	
26 56 19 00-0163	EA 120 LEDs, 132 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	2,357.76	142.00
	For Backlight Shielding, Add	23.06	
	For Type II Medium Optic, Add	41.89	
	For 480 Volt, Add	103.70	
	For Multi-Level Drive Currents, Add	230.60	
	For >50 To 100, Deduct	-117.89	
	For >100 To 250, Deduct	-176.83	
	For >250 To 500, Deduct	-287.62	
	For >500 To 1000, Deduct	-398.41	
	For >1000, Deduct	-509.19	
26 56 19 00-0164	EA 140 LEDs, 157 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	2,690.21	148.46
	For Backlight Shielding, Add	23.06	
	For Type II Medium Optic, Add	42.54	
	For 480 Volt, Add	103.70	
	For Multi-Level Drive Currents, Add	230.60	
	For >50 To 100, Deduct	-134.51	
	For >100 To 250, Deduct	-201.77	
	For >250 To 500, Deduct	-328.85	
	For >500 To 1000, Deduct	-455.94	
	For >1000, Deduct	-583.03	
26 56 19 00-0165	EA 160 LEDs, 179 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	2,945.25	154.92
	For Backlight Shielding, Add	23.06	
	For Type II Medium Optic, Add	43.18	
	For 480 Volt, Add	103.70	
	For Multi-Level Drive Currents, Add	230.60	
	For >50 To 100, Deduct	-147.26	
	For >100 To 250, Deduct	-220.89	
	For >250 To 500, Deduct	-360.41	
	For >500 To 1000, Deduct	-499.93	
	For >1000, Deduct	-639.44	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 56 19 00-0166	Direct Or Arm Mount, Rectangular, High Output, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EHO) <small>(26 56 19 00-0152)</small> Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 700mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0167	EA 120 LEDs, 267 System Watts, Direct Or Arm Mount, Rectangular, High Output, LED Area Fixture (CREE® BetaLED® Edge® ARE-EHO)..... For 3 Or 7-Pin NEMA Photocell Receptacle, Add For Bird Spikes, Add For 5,000K Color Temperature, Add For Fuse, Add For 0 To 10 Volt Dimming, Add For 480 Volt, Add For Multi-Level, Add For 1,000mA Driver, Add For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500 To 1000, Deduct For >1000, Deduct	2,178.98 19.42 44.80 48.57 58.28 58.28 87.42 126.26 163.20 -108.95 -163.42 -265.27 -367.12 -468.97	142.00
26 56 19 00-0168	EA 240 LEDs, 533 System Watts, Direct Or Arm Mount, Rectangular, High Output, LED Area Fixture (CREE® BetaLED® Edge® ARE-EHO)..... For 3 Or 7-Pin NEMA Photocell Receptacle, Add For 5,000K Color Temperature, Add For Fuse, Add For 0 To 10 Volt Dimming, Add For Bird Spikes, Add For Multi-Level, Add For 1,000mA Driver, Add For 480 Volt, Add For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500 To 1000, Deduct For >1000, Deduct	3,671.39 19.42 48.57 58.28 58.28 66.40 126.26 163.18 174.83 -183.57 -275.35 -450.21 -625.07 -799.92	174.29
26 56 19 00-0169	Wall Mount, LED Area Fixtures <small>(26 56 19 00-0151)</small>		
26 56 19 00-0170	Wall Mount, LED Architectural Area Fixtures (Lithonia DSXW) <small>(26 56 19 00-0169)</small> Note: UL wet listed. Includes 277 voltage, 700mA remote driver, die-cast extruded aluminum housing assembly and white, black, aluminum or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0171	EA 20 LEDs, 47 Watt, 4000K CCT, Wall Mount, LED Architectural Area Fixture (Lithonia DSXW2 LED)..... For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500 To 1000, Deduct For >1000, Deduct	1,088.84 -54.44 -81.66 -130.62 -179.57 -228.53	109.73
26 56 19 00-0172	EA 30 LEDs, 71 Watt, 4000K CCT, Wall Mount, LED Architectural Area Fixture (Lithonia DSXW2 LED)..... For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500 To 1000, Deduct For >1000, Deduct	1,114.67 -55.73 -83.60 -133.20 -182.80 -232.40	122.64
26 56 19 00-0173	Surface Mount, LED Parking Structure Fixtures <small>(26 56 19 00-0151)</small>		
26 56 19 00-0174	Surface Mount, Rectangular, LED Parking Structure Fixtures (CREE® BetaLED® Edge® PKG-EDG) <small>(26 56 19 00-0173)</small> Note: Direct or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0175	EA 40 LEDs, 47 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)..... For Multi-Level Drive Currents, Add For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500 To 1000, Deduct For >1000, Deduct	1,095.48 230.60 -54.77 -82.16 -131.13 -180.09 -229.05	116.19
26 56 19 00-0176	EA 60 LEDs, 68 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)..... For Multi-Level Drive Currents, Add For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500 To 1000, Deduct For >1000, Deduct	1,350.52 230.60 -67.53 -101.29 -162.68 -224.08 -285.47	122.64
26 56 19 00-0177	EA 80 LEDs, 90 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)..... For Multi-Level Drive Currents, Add For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500 To 1000, Deduct For >1000, Deduct	1,605.55 230.60 -80.28 -120.42 -194.24 -268.06 -341.88	129.10

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 56 19 00-0178	EA	100 LEDs, 111 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG).....	1,860.60	135.56
		<i>For Multi-Level Drive Currents, Add</i>	230.60	
		<i>For >50 To 100, Deduct</i>	-93.03	
		<i>For >100 To 250, Deduct</i>	-139.55	
		<i>For >250 To 500, Deduct</i>	-225.80	
		<i>For >500 To 1000, Deduct</i>	-312.05	
		<i>For >1000, Deduct</i>	-398.30	
26 56 19 00-0179		Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® Edge® PKG-304) <small>(26 56 19 00-0173)</small>		
		Note: Direct or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0180	EA	40 LEDs, 47 Watt, Surface Mount, Square, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-304).....	1,055.95	116.19
		<i>For Multi-Level Drive Currents, Add</i>	230.60	
		<i>For >50 To 100, Deduct</i>	-52.80	
		<i>For >100 To 250, Deduct</i>	-79.20	
		<i>For >250 To 500, Deduct</i>	-126.18	
		<i>For >500 To 1000, Deduct</i>	-173.17	
		<i>For >1000, Deduct</i>	-220.16	
26 56 19 00-0181	EA	60 LEDs, 68 Watt, Surface Mount, Square, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-304).....	1,166.04	122.64
		<i>For Multi-Level Drive Currents, Add</i>	230.60	
		<i>For >50 To 100, Deduct</i>	-58.30	
		<i>For >100 To 250, Deduct</i>	-87.45	
		<i>For >250 To 500, Deduct</i>	-139.62	
		<i>For >500 To 1000, Deduct</i>	-191.79	
		<i>For >1000, Deduct</i>	-243.96	
26 56 19 00-0182		Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® VG) <small>(26 56 19 00-0173)</small>		
		Note: UL wet listed. Includes 4,000K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0183	EA	3,700 Lumens, 50 Watt, Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® VGADM5MA40KUL).....	961.73	116.19
		<i>For >50 To 100, Deduct</i>	-48.09	
		<i>For >100 To 250, Deduct</i>	-72.13	
		<i>For >250 To 500, Deduct</i>	-114.41	
		<i>For >500 To 1000, Deduct</i>	-156.68	
		<i>For >1000, Deduct</i>	-198.96	
26 56 19 00-0184		Surface Mount, Rectangular, LED Parking Structure Fixtures (Philips Gardco ELG) <small>(26 56 19 00-0173)</small>		
		Note: Direct or pendant mount. UL wet listed. Includes 4,000K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and aluminum finish. Excludes sensors.		
26 56 19 00-0185	EA	70 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (Philips Gardco ELG).....	1,917.98	122.64
		<i>For >50 To 100, Deduct</i>	-95.90	
		<i>For >100 To 250, Deduct</i>	-143.85	
		<i>For >250 To 500, Deduct</i>	-233.62	
		<i>For >500 To 1000, Deduct</i>	-323.38	
		<i>For >1000, Deduct</i>	-413.15	
26 56 19 00-0186	EA	110 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (Philips Gardco ELG).....	1,943.80	135.56
		<i>For >50 To 100, Deduct</i>	-97.19	
		<i>For >100 To 250, Deduct</i>	-145.79	
		<i>For >250 To 500, Deduct</i>	-236.20	
		<i>For >500 To 1000, Deduct</i>	-326.61	
		<i>For >1000, Deduct</i>	-417.02	
26 56 19 00-0187		Surface Mount, LED Canopy Fixtures <small>(26 56 19 00-0151)</small>		
26 56 19 00-0188		Surface Mount, Rectangular, LED Canopy Fixtures (CREE® BetaLED® Edge® CAN-EDG) <small>(26 56 19 00-0187)</small>		
		Note: Direct or pendant mount. UL wet listed. Includes 6,000K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0189	EA	40 LEDs, 47 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	1,270.08	116.19
		<i>For Multi-Level Drive Currents, Add</i>	230.60	
		<i>For >50 To 100, Deduct</i>	-63.50	
		<i>For >100 To 250, Deduct</i>	-95.26	
		<i>For >250 To 500, Deduct</i>	-152.95	
		<i>For >500 To 1000, Deduct</i>	-210.65	
		<i>For >1000, Deduct</i>	-268.34	
26 56 19 00-0190	EA	60 LEDs, 68 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	1,525.11	122.64
		<i>For Multi-Level Drive Currents, Add</i>	230.60	
		<i>For >50 To 100, Deduct</i>	-76.26	
		<i>For >100 To 250, Deduct</i>	-114.38	
		<i>For >250 To 500, Deduct</i>	-184.51	
		<i>For >500 To 1000, Deduct</i>	-254.63	
		<i>For >1000, Deduct</i>	-324.75	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0191	EA		80 LEDs, 90 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG) <i>For Multi-Level Drive Currents, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1000, Deduct</i> <i>For >1000, Deduct</i>	1,780.14 230.60 -89.01 -133.51 -216.06 -298.62 -381.17	129.10
26 56 19 00-0192	EA		100 LEDs, 111 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)..... <i>For Multi-Level Drive Currents, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1000, Deduct</i> <i>For >1000, Deduct</i>	2,035.19 230.60 -101.76 -152.64 -247.62 -342.60 -437.58	135.56
26 56 19 00-0193	EA		120 LEDs, 132 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)..... <i>For Multi-Level Drive Currents, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1000, Deduct</i> <i>For >1000, Deduct</i>	2,290.23 230.60 -114.51 -171.77 -279.18 -386.59 -494.00	142.00
26 56 19 00-0194	EA		140 LEDs, 157 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)..... <i>For Multi-Level Drive Currents, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1000, Deduct</i> <i>For >1000, Deduct</i>	2,642.44 230.60 -132.12 -198.18 -322.88 -447.58 -572.28	148.46
26 56 19 00-0195	EA		160 LEDs, 179 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)..... <i>For Multi-Level Drive Currents, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1000, Deduct</i> <i>For >1000, Deduct</i>	2,897.48 230.60 -144.87 -217.31 -354.44 -491.57 -628.70	154.92
26 56 19 00-0196	EA		200 LEDs, 221 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)..... <i>For Multi-Level Drive Currents, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1000, Deduct</i> <i>For >1000, Deduct</i>	3,407.56 230.60 -170.38 -255.57 -417.55 -579.54 -741.53	167.83
26 56 19 00-0197	EA		240 LEDs, 264 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)..... <i>For Multi-Level Drive Currents, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1000, Deduct</i> <i>For >1000, Deduct</i>	3,904.72 230.60 -195.24 -292.85 -479.38 -665.90 -852.42	174.29
26 56 19 00-0198			Surface Mount, Square, LED Canopy/Soffit Fixtures (CREE® BetaLED® CPY250) <small>(26 56 19 00-0187)</small> Note: UL wet listed. Includes 5,700K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0199	EA		8,000 Lumens, 82 Watt, Surface Mount, Square, LED Canopy/Soffit Fixture (CREE® BetaLED® CPY250) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1000, Deduct</i> <i>For >1000, Deduct</i>	879.16 -43.96 -65.94 -103.44 -140.94 -178.45	129.10
26 56 19 00-0200			Recessed Mount, LED Soffit Fixtures <small>(26 56 19 00-0151)</small>		
26 56 19 00-0201			Recessed Mount, Square, LED Soffit Fixtures (CREE® BetaLED® SFT-304) <small>(26 56 19 00-0200)</small> Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0202	EA		40 LEDs, 47 Watt, Recessed Mount, Square, LED Soffit Fixture (CREE® BetaLED® SFT-304) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1000, Deduct</i> <i>For >1000, Deduct</i>	1,075.71 -53.79 -80.68 -128.65 -176.63 -224.61	116.19
26 56 19 00-0203	EA		60 LEDs, 68 Watt, Recessed Mount, Square, LED Soffit Fixture (CREE® BetaLED® SFT-304) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1000, Deduct</i> <i>For >1000, Deduct</i>	1,185.80 -59.29 -88.94 -142.09 -195.25 -248.41	122.64
26 56 19 00-0204			Surface Mount, LED Area Fixtures <small>(26 56 19 00-0151)</small>		
26 56 19 00-0205			Surface Mount, Square, LED Multi-Purpose Area Fixtures (LSI Industries® Crossover® XPG) <small>(26 56 19 00-0204)</small> Note: UL wet listed. Includes 5,300K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black or silver powder coat finish. Excludes sensors.		

26 Electrical

26 50 Lighting

26 56 Exterior Lighting

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0206	EA		50 LEDs, 59 Watt, Surface Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG).....	636.85	116.19
			<i>For >50 To 100, Deduct</i>	-31.84	
			<i>For >100 To 250, Deduct</i>	-47.76	
			<i>For >250 To 500, Deduct</i>	-73.80	
			<i>For >500 To 1000, Deduct</i>	-99.83	
			<i>For >1000, Deduct</i>	-125.86	
26 56 19 00-0207	EA		50 LEDs, 59 Watt, Pendant Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG).....	1,396.08	116.19
			<i>For >50 To 100, Deduct</i>	-69.80	
			<i>For >100 To 250, Deduct</i>	-104.71	
			<i>For >250 To 500, Deduct</i>	-168.70	
			<i>For >500 To 1000, Deduct</i>	-232.70	
			<i>For >1000, Deduct</i>	-296.69	
26 56 19 00-0208	EA		68 LEDs, 79 Watt, Surface Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG).....	1,158.64	129.10
			<i>For >50 To 100, Deduct</i>	-57.93	
			<i>For >100 To 250, Deduct</i>	-86.90	
			<i>For >250 To 500, Deduct</i>	-138.38	
			<i>For >500 To 1000, Deduct</i>	-189.85	
			<i>For >1000, Deduct</i>	-241.33	
26 56 19 00-0209	EA		68 LEDs, 79 Watt, Pendant Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG).....	1,436.51	129.10
			<i>For >50 To 100, Deduct</i>	-71.83	
			<i>For >100 To 250, Deduct</i>	-107.74	
			<i>For >250 To 500, Deduct</i>	-173.11	
			<i>For >500 To 1000, Deduct</i>	-238.48	
			<i>For >1000, Deduct</i>	-303.85	
26 56 19 00-0210			Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour®) <small>(26 56 19 00-0204)</small>		
			Note: Wall, inverted, post, bollard, floodlight trunion, or floodlight knuckle mount. UL wet listed. Includes 5,000K color temperature, 120/277 voltage, die-cast extruded aluminum housing assembly and white or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0211	EA		13 Watt, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR1A).....	204.99	41.14
			<i>For Knuckle Mount Or Trunion Mount Base, Add</i>	45.00	
			<i>For >50 To 100, Deduct</i>	-10.25	
			<i>For >100 To 250, Deduct</i>	-15.37	
			<i>For >250 To 500, Deduct</i>	-23.91	
			<i>For >500 To 1000, Deduct</i>	-32.45	
			<i>For >1000, Deduct</i>	-40.98	
26 56 19 00-0212	EA		20 Watt, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR2A).....	233.93	41.14
			<i>For Knuckle Mount Or Trunion Mount Base, Add</i>	45.00	
			<i>For >50 To 100, Deduct</i>	-11.70	
			<i>For >100 To 250, Deduct</i>	-17.54	
			<i>For >250 To 500, Deduct</i>	-27.53	
			<i>For >500 To 1000, Deduct</i>	-37.51	
			<i>For >1000, Deduct</i>	-47.49	
26 56 19 00-0213	EA		30 Watt, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR3A).....	289.05	41.14
			<i>For Knuckle Mount Or Trunion Mount Base, Add</i>	45.00	
			<i>For >50 To 100, Deduct</i>	-14.45	
			<i>For >100 To 250, Deduct</i>	-21.68	
			<i>For >250 To 500, Deduct</i>	-34.42	
			<i>For >500 To 1000, Deduct</i>	-47.16	
			<i>For >1000, Deduct</i>	-59.89	
26 56 19 00-0214			Surface Mount, LED Facade Fixtures <small>(26 56 19 00-0151)</small>		
26 56 19 00-0215			Surface Mount, LED Facade Fixtures (lumenpulse™ lumenfacade™) <small>(26 56 19 00-0214)</small>		
26 56 19 00-0216	EA		12" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™).....	728.87	48.02
			<i>For >50 To 100, Deduct</i>	-36.44	
			<i>For >100 To 250, Deduct</i>	-54.67	
			<i>For >250 To 500, Deduct</i>	-89.28	
			<i>For >500 To 1000, Deduct</i>	-123.90	
			<i>For >1000, Deduct</i>	-158.51	
26 56 19 00-0217	EA		24" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™).....	1,191.39	43.85
			<i>For >50 To 100, Deduct</i>	-59.57	
			<i>For >100 To 250, Deduct</i>	-89.35	
			<i>For >250 To 500, Deduct</i>	-147.36	
			<i>For >500 To 1000, Deduct</i>	-205.36	
			<i>For >1000, Deduct</i>	-263.37	
26 56 19 00-0218	EA		36" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™).....	1,523.37	36.54
			<i>For >50 To 100, Deduct</i>	-76.17	
			<i>For >100 To 250, Deduct</i>	-114.25	
			<i>For >250 To 500, Deduct</i>	-189.12	
			<i>For >500 To 1000, Deduct</i>	-263.98	
			<i>For >1000, Deduct</i>	-338.84	
26 56 19 00-0219	EA		48" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™).....	1,855.33	29.23
			<i>For >50 To 100, Deduct</i>	-92.77	
			<i>For >100 To 250, Deduct</i>	-139.15	
			<i>For >250 To 500, Deduct</i>	-230.87	
			<i>For >500 To 1000, Deduct</i>	-322.60	
			<i>For >1000, Deduct</i>	-414.32	
26 56 19 00-0220			Post Top, LED Area Fixtures <small>(26 56 19 00-0151)</small>		
26 56 19 00-0221			Post Top, LED Area Fixtures (Cooper Lighting Invue® MSA) <small>(26 56 19 00-0220)</small>		
			Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 350mA remote driver, die-cast extruded aluminum housing assembly and white, black, grey, dark platinum, graphite metallic or bronze powder coat finish. Excludes sensors.		

Electrical	26	26
Lighting	26 50	
Exterior Lighting	26 56	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 56 19 00-0222	EA		1,800 Lumens, 27 Watt, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO1).....	2,038.01	177.51
			<i>For >50 To 100, Deduct</i>	-101.90	
			<i>For >100 To 250, Deduct</i>	-152.85	
			<i>For >250 To 500, Deduct</i>	-245.88	
			<i>For >500 To 1000, Deduct</i>	-338.90	
			<i>For >1000, Deduct</i>	-431.93	
26 56 19 00-0223	EA		3,400 Lumens, 54 Watt, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO2).....	2,252.75	177.51
			<i>For >50 To 100, Deduct</i>	-112.64	
			<i>For >100 To 250, Deduct</i>	-168.96	
			<i>For >250 To 500, Deduct</i>	-272.72	
			<i>For >500 To 1000, Deduct</i>	-376.48	
			<i>For >1000, Deduct</i>	-480.24	
26 56 19 00-0224	EA		77 Watt, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO3)	2,422.50	177.51
			<i>For >50 To 100, Deduct</i>	-121.13	
			<i>For >100 To 250, Deduct</i>	-181.69	
			<i>For >250 To 500, Deduct</i>	-293.94	
			<i>For >500 To 1000, Deduct</i>	-406.19	
			<i>For >1000, Deduct</i>	-518.44	
26 56 19 00-0225			Post Top, LED Area Fixtures (General Electric EPAS) <small>(26 56 19 00-0220)</small>		
			Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black, green or bronze powder coat finish. Includes photocontrol sensor.		
26 56 19 00-0226	EA		3,200 Lumens, 45 Watt, Post Top Mount, Acorn Style LED Area Fixture (General Electric EPAS 0 E5/E3).....	2,406.24	177.51
			<i>For >50 To 100, Deduct</i>	-120.31	
			<i>For >100 To 250, Deduct</i>	-180.47	
			<i>For >250 To 500, Deduct</i>	-291.90	
			<i>For >500 To 1000, Deduct</i>	-403.34	
			<i>For >1000, Deduct</i>	-514.78	
26 56 19 00-0227	EA		6,515 Lumens, 80 Watt, Post Top Mount, Acorn Style LED Area Fixture (General Electric EPAS 0 C5/C3)	2,461.41	177.51
			<i>For >50 To 100, Deduct</i>	-123.07	
			<i>For >100 To 250, Deduct</i>	-184.61	
			<i>For >250 To 500, Deduct</i>	-298.80	
			<i>For >500 To 1000, Deduct</i>	-413.00	
			<i>For >1000, Deduct</i>	-527.19	
26 56 19 00-0228			Post Top, LED Area Fixtures (General Electric EPTC) <small>(26 56 19 00-0220)</small>		
			Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black, gray or dark bronze powder coat finish. Includes photocontrol sensor.		
26 56 19 00-0229	EA		3,200 Lumens, 45 Watt, Post Top Mount, Contemporary Twin Support Style LED Area Fixture (General Electric EPTC 0 E5/E3).....	1,659.26	177.51
			<i>For >50 To 100, Deduct</i>	-82.96	
			<i>For >100 To 250, Deduct</i>	-124.44	
			<i>For >250 To 500, Deduct</i>	-198.53	
			<i>For >500 To 1000, Deduct</i>	-272.62	
			<i>For >1000, Deduct</i>	-346.71	
26 56 19 00-0230	EA		6,150 Lumens, 80 Watt, Post Top Mount, Contemporary Twin Support Style LED Area Fixture (General Electric EPTC 0 C5/C3).....	1,741.83	177.51
			<i>For >50 To 100, Deduct</i>	-87.09	
			<i>For >100 To 250, Deduct</i>	-130.64	
			<i>For >250 To 500, Deduct</i>	-208.85	
			<i>For >500 To 1000, Deduct</i>	-287.07	
			<i>For >1000, Deduct</i>	-365.29	
26 56 19 00-0231			Post Top, LED Area Fixtures (General Electric EPST) <small>(26 56 19 00-0220)</small>		
			Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black or dark bronze powder coat finish. Includes photocontrol sensor.		
26 56 19 00-0232	EA		3,135 Lumens, 45 Watt, Post Top Mount, Utility Carriage Style LED Area Fixture (General Electric EPST 0 E5/E3).....	1,283.94	177.51
			<i>For >50 To 100, Deduct</i>	-64.20	
			<i>For >100 To 250, Deduct</i>	-96.30	
			<i>For >250 To 500, Deduct</i>	-151.62	
			<i>For >500 To 1000, Deduct</i>	-206.94	
			<i>For >1000, Deduct</i>	-262.26	
26 56 19 00-0233	EA		6,115 Lumens, 80 Watt, Post Top Mount, Utility Carriage Style LED Area Fixture (General Electric EPST 0 C5/C3).....	1,366.51	177.51
			<i>For >50 To 100, Deduct</i>	-68.33	
			<i>For >100 To 250, Deduct</i>	-102.49	
			<i>For >250 To 500, Deduct</i>	-161.94	
			<i>For >500 To 1000, Deduct</i>	-221.39	
			<i>For >1000, Deduct</i>	-280.84	
26 56 19 00-0234			Post Top, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EDR) <small>(26 56 19 00-0220)</small>		
			Note: UL wet listed. Includes 4,000K color temperature, 120/277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type V Medium optic. Excludes sensors.		
26 56 19 00-0235	EA		13,800 Lumens, 130 Watt, Post Top Mount, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDR).....	2,865.25	177.51
			<i>For >50 To 100, Deduct</i>	-143.26	
			<i>For >100 To 250, Deduct</i>	-214.89	
			<i>For >250 To 500, Deduct</i>	-349.28	
			<i>For >500 To 1000, Deduct</i>	-483.67	
			<i>For >1000, Deduct</i>	-618.05	

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT	DEMOLITION
UNIT COST	UNIT COST

26 56 19 00-0236	LED Retrofit For Post Top, Traditional Area Fixtures (CREE® BetaLED® BXRA) <small>(26 56 19 00-0220)</small>		
	Note: Includes 2,700K or 4,000K color temperature and 120/277 voltage retrofit assembly. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0370 for disposal of hazardous lamps.		
26 56 19 00-0237	EA LED Retrofit For Post Top, Holophane® Utility Granville Acorn Area Fixtures (CREE® BetaLED® BXRAAH53).....	795.40	96.83
	For 0 To 10 Volt Dimming, Add	58.28	
	For >50 To 100, Deduct	-39.77	
	For >100 To 250, Deduct	-59.66	
	For >250 To 500, Deduct	-94.58	
	For >500 To 1000, Deduct	-129.51	
	For >1000, Deduct	-164.44	
26 56 19 00-0238	LED Retrofit For Post Top, Decorative Area Fixtures (CREE® DPT) <small>(26 56 19 00-0220)</small>		
	Note: Includes 3,000K color temperature and 120/277 voltage retrofit assembly. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0370 for disposal of hazardous lamps.		
26 56 19 00-0239	EA LED Retrofit For Post Top, Decorative Area Fixtures (CREE® DPT)	498.74	20.65
	For Backlight Control Shield, Add	38.80	
	For >50 To 100, Deduct	-24.94	
	For >100 To 250, Deduct	-37.41	
	For >250 To 500, Deduct	-60.28	
	For >500 To 1000, Deduct	-83.15	
	For >1000, Deduct	-106.02	
26 56 19 00-0240	Surface Mount, LED Strip Fixtures (Sylvania) <small>(26 56 19 00-0151)</small>		
26 56 19 00-0241	EA 4' Long, 5,200 Lumens, 40 Watt, Vapor Tight Dimmable LED Fixture (Sylvania VAPOR1B/040UNVD840/48EC/GR/D).....	501.57	38.20
	For >50 To 100, Deduct	-25.08	
	For >100 To 250, Deduct	-37.62	
	For >250 To 500, Deduct	-61.26	
	For >500 To 1000, Deduct	-84.90	
	For >1000, Deduct	-108.55	
26 56 21	HID Exterior Lighting <small>(26 56)</small>		
26 56 21 00-0001	High Mast Fixtures <small>(26 56 21)</small>		
26 56 21 00-0002	Metal Halide, High Mast Fixtures <small>(26 56 21 00-0001)</small>		
26 56 21 00-0003	EA 400 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	1,904.62	159.80
26 56 21 00-0004	EA 400 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	2,036.25	159.80
26 56 21 00-0005	EA 750 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	2,017.35	182.56
26 56 21 00-0006	EA 750 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	2,096.32	182.56
26 56 21 00-0007	EA 1,000 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	2,117.69	228.20
26 56 21 00-0008	EA 1,000 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	2,196.66	228.20
26 56 21 00-0009	High Pressure Sodium, High Mast Fixtures <small>(26 56 21 00-0001)</small>		
26 56 21 00-0010	EA 400 W High Mast HPS Fixture (VA 25 Type V) As Manufactured By Metrolux.....	1,968.28	159.80
26 56 21 00-0011	EA 400 W High Mast HPS Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux.....	2,047.25	159.80
26 56 21 00-0012	EA 600 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	2,382.96	168.92
26 56 21 00-0013	EA 750 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	2,440.70	182.56
26 56 21 00-0014	EA 1,000 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	2,580.53	228.20
26 56 21 00-0015	HID, Pole Mounted <small>(26 56 21)</small>		
26 56 21 00-0016	Metal Halide, Pole Mounted <small>(26 56 21 00-0015)</small>		
26 56 21 00-0017	EA 175 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	662.72	260.57
26 56 21 00-0018	EA 250 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	745.54	282.85
26 56 21 00-0019	EA 400 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	869.11	304.26
26 56 21 00-0020	EA 1,000 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	1,102.84	356.59
26 56 21 00-0021	High Pressure Sodium, Pole Mounted <small>(26 56 21 00-0015)</small>		
26 56 21 00-0022	EA 100 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	801.77	304.26
26 56 21 00-0023	EA 150 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	826.38	304.26
26 56 21 00-0024	EA 175 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	864.78	304.26
26 56 21 00-0025	EA 250 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	967.68	304.26
26 56 21 00-0026	EA 400 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	1,116.86	304.26
26 56 21 00-0027	EA 1,000 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	1,061.51	304.26
26 56 21 00-0028	Low Pressure Sodium, Pole Mounted <small>(26 56 21 00-0015)</small>		
26 56 21 00-0029	EA 135 Watt Low Pressure Sodium Exterior Roadway Fixture, Enclosed And Gasketed	678.03	165.52
26 56 21 00-0030	EA 135 Watt Low Pressure Sodium Fixture, Enclosed And Gasketed	735.04	243.41
26 56 21 00-0031	EA 180 Watt Low Pressure Sodium Fixture, Enclosed And Gasketed	866.34	243.41
26 56 21 00-0032	Metal Halide, Area Fixtures <small>(26 56 21)</small>		
26 56 21 00-0033	Metal Halide, Pole Mount, Area Fixtures <small>(26 56 21 00-0032)</small>		
	Note: Includes pulse start ballast.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 56 21 00-0034	EA	150 Watt, Metal Halide Area Fixture, Pole Mount.....	1,101.47	161.77
26 56 21 00-0035	EA	175 Watt, Metal Halide Area Fixture, Pole Mount.....	1,208.69	177.95
26 56 21 00-0036	EA	250 Watt, Metal Halide Area Fixture, Pole Mount.....	1,337.05	194.13
26 56 21 00-0037	EA	400 Watt, Metal Halide Area Fixture, Pole Mount.....	1,411.26	226.48
26 56 21 00-0038		High Pressure Sodium, Area Fixtures <small>(26 56 21)</small>		
26 56 21 00-0039		Pole Mount, High Pressure Sodium Area Fixtures <small>(26 56 21 00-0038)</small>		
26 56 21 00-0040	EA	100 Watt, High Pressure Sodium Area Fixture, Pole Mount.....	915.73	129.42
26 56 21 00-0041	EA	150 Watt, High Pressure Sodium Area Fixture, Pole Mount.....	993.84	161.77
26 56 21 00-0042	EA	250 Watt, High Pressure Sodium Area Fixture, Pole Mount.....	1,075.52	194.13
26 56 21 00-0043	EA	400 Watt, High Pressure Sodium Area Fixture, Pole Mount.....	1,131.00	226.48
26 56 21 00-0044		Surface Mounted, Rectangular Exterior Area Fixture <small>(26 56 21)</small>		
26 56 21 00-0045		Metal Halide, Surface Mounted, Rectangular Exterior Area Fixture <small>(26 56 21 00-0044)</small>		
26 56 21 00-0046	EA	175 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture.....	623.48	243.41
		<i>For Round Body, Add</i>	34.23	
		<i>For Spherical Dome Body, Add</i>	67.13	
26 56 21 00-0047	EA	250 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture.....	709.41	273.84
		<i>For Round Body, Add</i>	41.52	
		<i>For Spherical Dome Body, Add</i>	81.41	
26 56 21 00-0048	EA	400 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture.....	849.11	304.26
		<i>For Round Body, Add</i>	55.40	
		<i>For Spherical Dome Body, Add</i>	108.64	
26 56 21 00-0049	EA	1,000 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture.....	1,084.25	356.59
		<i>For Round Body, Add</i>	62.81	
		<i>For Spherical Dome Body, Add</i>	123.16	
26 56 21 00-0050		High Pressure Sodium, Surface Mounted, Rectangular Exterior Area Fixture <small>(26 56 21 00-0044)</small>		
26 56 21 00-0051	EA	70 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro).....	598.08	208.11
		<i>For Round Body, Add</i>	37.46	
		<i>For Spherical Dome Body, Add</i>	73.46	
26 56 21 00-0052	EA	100 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro).....	649.57	221.51
		<i>For Round Body, Add</i>	41.83	
		<i>For Spherical Dome Body, Add</i>	82.02	
26 56 21 00-0053	EA	150 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro).....	699.70	233.68
		<i>For Round Body, Add</i>	45.76	
		<i>For Spherical Dome Body, Add</i>	89.73	
26 56 21 00-0054	EA	175 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture.....	723.12	243.41
		<i>For Round Body, Add</i>	46.94	
		<i>For Spherical Dome Body, Add</i>	92.04	
26 56 21 00-0055	EA	250 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture.....	802.45	273.84
		<i>For Round Body, Add</i>	53.38	
		<i>For Spherical Dome Body, Add</i>	104.67	
26 56 21 00-0056	EA	400 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture.....	865.40	304.26
		<i>For Round Body, Add</i>	57.48	
		<i>For Spherical Dome Body, Add</i>	112.71	
26 56 21 00-0057	EA	1,000 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture.....	1,194.10	356.59
		<i>For Round Body, Add</i>	76.81	
		<i>For Spherical Dome Body, Add</i>	150.62	
26 56 21 00-0058		Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures <small>(26 56 21)</small>		
26 56 21 00-0059		High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures <small>(26 56 21 00-0058)</small>		
		Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
26 56 21 00-0060	EA	35 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	745.31	164.31
26 56 21 00-0061	EA	50 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	773.02	182.56
26 56 21 00-0062	EA	70 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	826.15	208.11
26 56 21 00-0063	EA	100 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	849.02	221.51
26 56 21 00-0064	EA	150 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	872.47	233.68
26 56 21 00-0065	EA	175 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	914.09	243.41
26 56 21 00-0066	EA	250 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	1,001.64	273.84
26 56 21 00-0067	EA	400 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	1,216.01	304.26
26 56 21 00-0068		Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures <small>(26 56 21 00-0058)</small>		
		Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
26 56 21 00-0069	EA	50 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	820.91	182.56
26 56 21 00-0070	EA	70 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	866.64	208.11
26 56 21 00-0071	EA	100 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	896.57	221.51
26 56 21 00-0072	EA	150 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	934.44	233.68
26 56 21 00-0073	EA	175 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	954.54	243.41
26 56 21 00-0074	EA	250 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	1,044.09	273.84
26 56 21 00-0075	EA	400 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	1,329.28	304.26

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 56 21 00-0076			Wall Packs <small>(26 56 21)</small>		
26 56 21 00-0077			Non Cutoff, Polycarbonate Lens, Mini Wall Packs <small>(26 56 21 00-0076)</small> Note: Polycarbonate body and aluminum reflector. 11" x 6-1/2" x 5-1/4". Lithonia TWS.		
26 56 21 00-0078	EA		13 Watt Compact Fluorescent, Non Cutoff, Polycarbonate Lens, Mini Wall Pack	348.05	57.13
26 56 21 00-0079	EA		50 Watt Metal Halide, Non Cutoff, Polycarbonate Lens, Mini Wall Pack	374.01	57.13
26 56 21 00-0080	EA		35 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Mini Wall Pack.....	374.01	57.13
26 56 21 00-0081	EA		70 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Mini Wall Pack.....	499.84	57.13
26 56 21 00-0082			Semi Cutoff, Polycarbonate Lens, Mini Wall Packs <small>(26 56 21 00-0076)</small> Note: Polycarbonate body and diffused aluminum reflector. 10" x 11-1/2" x 8-15/16". Lithonia TWA.		
26 56 21 00-0083	EA		42 Watt Compact Fluorescent, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack.....	702.96	57.13
26 56 21 00-0084	EA		50 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack.....	712.29	57.13
26 56 21 00-0085	EA		70 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack.....	720.37	57.13
26 56 21 00-0086	EA		100 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack.....	705.64	57.13
26 56 21 00-0087	EA		70 Watt High Pressure Sodium, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	645.08	57.13
26 56 21 00-0088	EA		100 Watt High Pressure Sodium, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	611.82	57.13
26 56 21 00-0089			Cutoff, Polycarbonate Lens, Mini Wall Packs <small>(26 56 21 00-0076)</small> Note: Polycarbonate body and diffused aluminum reflector. 10" x 11-1/2" x 8-15/16". Lithonia TWAC.		
26 56 21 00-0090	EA		50 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack	741.27	57.13
26 56 21 00-0091	EA		70 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack	749.78	57.13
26 56 21 00-0092	EA		100 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack	735.07	57.13
26 56 21 00-0093	EA		70 Watt High Pressure Sodium, Cutoff, Polycarbonate Lens, Mini Wall Pack	746.91	57.13
26 56 21 00-0094	EA		100 Watt High Pressure Sodium, Cutoff, Polycarbonate Lens, Mini Wall Pack	746.91	57.13
26 56 21 00-0095			Non Cutoff, Borosilicate Glass Lens, Small Wall Packs <small>(26 56 21 00-0076)</small> Note: Aluminum body and reflector. 9" x 13" x 7-3/8". Lithonia TWR1.		
26 56 21 00-0096	EA		70 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	700.56	76.10
26 56 21 00-0097	EA		100 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	700.56	76.10
26 56 21 00-0098	EA		175 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	654.99	76.10
26 56 21 00-0099	EA		70 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	672.46	76.10
26 56 21 00-0100	EA		100 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	672.46	76.10
26 56 21 00-0101	EA		150 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	621.92	76.10
26 56 21 00-0102			Cutoff, Borosilicate Glass Lens, Small Wall Packs <small>(26 56 21 00-0076)</small> Note: Aluminum body and reflector. 10-1/4" x 13" x 8-15/32". Lithonia TWR1C.		
26 56 21 00-0103	EA		70 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack.....	727.57	76.10
26 56 21 00-0104	EA		100 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack.....	727.57	76.10
26 56 21 00-0105	EA		175 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack	727.57	76.10
26 56 21 00-0106	EA		70 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack	700.76	76.10
26 56 21 00-0107	EA		100 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack	700.76	76.10
26 56 21 00-0108	EA		150 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack	700.76	76.10
26 56 21 00-0109			Full Cutoff, Tempered Glass Lens, Small Wall Packs <small>(26 56 21 00-0076)</small> Note: Aluminum body and reflector. 9-3/8" x 14-3/8" x 8-3/4". Meets Nighttime Friendly criteria. Lithonia TWR1S.		
26 56 21 00-0110	EA		175 Watt Metal Halide, Full Cutoff, Tempered Glass Lens, Small Wall Pack	945.71	76.10
26 56 21 00-0111			Cutoff, Borosilicate Glass Lens, Medium Wall Packs <small>(26 56 21 00-0076)</small> Note: Aluminum body and reflector. Lithonia TWR2.		
26 56 21 00-0112	EA		250 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Medium Wall Pack	883.09	94.27
			Note: 9-1/4" x 17-7/8" x 9-3/8".		
26 56 21 00-0113	EA		400 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Medium Wall Pack	944.88	94.27
			Note: 9-1/4" x 17-7/8" x 12-1/2".		
26 56 21 00-0114	EA		250 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Medium Wall Pack	1,018.54	94.27
			Note: 9-1/4" x 17-7/8" x 9-3/8".		
26 56 21 00-0115	EA		400 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Medium Wall Pack	1,038.81	94.27
			Note: 9-1/4" x 17-7/8" x 12-1/2".		
26 56 21 00-0116			Cutoff, Tempered Glass Lens, Medium Wall Packs <small>(26 56 21 00-0076)</small> Note: Aluminum body and reflector. 10" x 17-1/8" x 14-1/2". Lithonia TWR2C.		
26 56 21 00-0117	EA		250 Watt Metal Halide, Cutoff, Tempered Glass Lens, Medium Wall Pack	962.56	94.27
26 56 21 00-0118	EA		400 Watt Metal Halide, Cutoff, Tempered Glass Lens, Medium Wall Pack	1,031.98	94.27
26 56 21 00-0119			Non Cutoff, Polycarbonate Lens, Large Wall Packs <small>(26 56 21 00-0076)</small> Note: Polycarbonate body and powder coated reflector. 15-7/16" x 16-1/8" x 7-3/4". Lithonia TWP.		
26 56 21 00-0120	EA		100 Watt Metal Halide, Non Cutoff, Polycarbonate Lens, Large Wall Pack.....	881.96	114.27
26 56 21 00-0121	EA		175 Watt Metal Halide, Non Cutoff, Polycarbonate Lens, Large Wall Pack.....	808.43	114.27
26 56 21 00-0122	EA		70 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Large Wall Pack	864.94	114.27
26 56 21 00-0123	EA		100 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Large Wall Pack	870.57	114.27
26 56 21 00-0124	EA		150 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Large Wall Pack	876.47	114.27
26 56 21 00-0125			Non Cutoff, Borosilicate Glass Lens, Large Wall Packs <small>(26 56 21 00-0076)</small> Note: Aluminum body and reflector. 15-3/4" x 16-1/4" x 8". Lithonia TWH.		
26 56 21 00-0126	EA		175 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	881.98	114.27
26 56 21 00-0127	EA		250 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	906.51	114.27
26 56 21 00-0128	EA		400 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	980.04	114.27

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 56 21 00-0129	EA		150 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	931.03	114.27
26 56 21 00-0130	EA		250 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	955.56	114.27
26 56 21 00-0131	EA		400 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	1,004.53	114.27
26 56 21 00-0132			Semi Cutoff, Induction Wall Packs <small>(26 56 21 00-0076)</small>		
26 56 21 00-0133			Semi Cutoff, Induction Wall Packs (Everlast®) <small>(26 56 21 00-0132)</small>		
			Note: UL wet listed. Includes bi-level ballast, die-cast aluminum housing assembly and bronze powder coat finish. Excludes sensors.		
26 56 21 00-0134	EA		70 Watt, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-70).....	1,158.73	109.73
26 56 21 00-0135	EA		80 Watt, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-80).....	1,182.11	116.19
26 56 21 00-0136	EA		100 Watt, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-100).....	1,205.49	122.64
26 56 21 00-0137	EA		120 Watt, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-120).....	1,343.97	129.10
26 56 21 00-0138			Non Cutoff, Polycarbonate Lens, Small Wall Packs <small>(26 56 21 00-0076)</small>		
26 56 21 00-0139	EA		15 Watt, Exterior, Non-Cutoff Small Wall Pack (Sylvania 60066-SMWLPAK1N/015UNV740/NC/BZ/P).....	358.79	57.13
26 56 21 00-0140			Induction, Roadway Lighting <small>(26 56 21)</small>		
26 56 21 00-0141			Induction Roadway Lighting (US Lighting Tech) <small>(26 56 21 00-0140)</small>		
			Note: Includes gray powder coat finish heavy duty die cast aluminum body and flat glass lens.		
26 56 21 00-0142	EA		40 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511).....	639.03	193.65
26 56 21 00-0143	EA		70 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511).....	701.31	200.10
26 56 21 00-0144	EA		100 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511).....	727.12	213.02
26 56 21 00-0145	EA		150 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511).....	752.95	225.92
26 56 21 00-0146	EA		200 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511).....	879.38	232.38
26 56 21 00-0147	EA		250 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511).....	896.24	238.83
26 56 21 00-0148	EA		40 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512).....	597.57	193.65
26 56 21 00-0149	EA		70 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512).....	665.77	200.10
26 56 21 00-0150	EA		100 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512).....	691.58	213.02
26 56 21 00-0151	EA		150 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512).....	717.41	225.92
26 56 21 00-0152			Induction, Area Fixtures <small>(26 56 21)</small>		
26 56 21 00-0153			Post Top, Induction Area Fixtures <small>(26 56 21 00-0152)</small>		
26 56 21 00-0154			Post Top, Induction Area Fixtures (US Lighting Tech) <small>(26 56 21 00-0153)</small>		
			Note: Includes black powder coat finish heavy duty die cast aluminum body and no-lite lid acrylic lens.		
26 56 21 00-0155	EA		40 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571).....	711.40	177.51
26 56 21 00-0156	EA		70 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571).....	768.66	177.51
26 56 21 00-0157	EA		100 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571).....	768.66	177.51
26 56 21 00-0158	EA		150 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571).....	768.66	177.51
26 56 21 00-0159			Surface Mount, Induction Parking Structure Fixtures <small>(26 56 21 00-0152)</small>		
26 56 21 00-0160			Surface Mount, Induction Parking Structure Fixtures (Everlast®) <small>(26 56 21 00-0159)</small>		
26 56 21 00-0161	EA		40 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	645.57	161.37
26 56 21 00-0162	EA		55 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	685.59	164.60
26 56 21 00-0163	EA		70 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	695.99	167.83
26 56 21 00-0164	EA		80 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	706.40	171.05
26 56 21 00-0165	EA		100 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	716.79	174.29
26 56 21 00-0166	EA		120 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	731.15	177.51
26 56 21 00-0167	EA		70/28 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	753.25	167.83
26 56 21 00-0168	EA		80/32 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	763.65	171.05
26 56 21 00-0169	EA		100/40 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	774.05	174.29
26 56 21 00-0170	EA		120/48 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	805.19	177.51
26 56 21 00-0171			Pole Mount, Induction Area Fixtures <small>(26 56 21 00-0152)</small>		
26 56 21 00-0172			Pole Mount, Bi-Level Induction Area Fixtures (Everlast® ESB-ED) <small>(26 56 21 00-0171)</small>		
			Note: UL wet listed. Includes bi-level ballast, die-cast aluminum housing assembly and bronze powder coat finish. Excludes sensors.		
26 56 21 00-0173	EA		70 Watt, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-70).....	1,211.05	109.73
26 56 21 00-0174	EA		80 Watt, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-80).....	1,244.90	116.19
26 56 21 00-0175	EA		100 Watt, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-100).....	1,278.74	122.64

END OF SECTION 26

26 Electrical

26 50 Lighting

26 56 Exterior Lighting

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 Communications

Note: Termination costs are included with all communication equipment, panel boards, and devices. Terminations are not included with patch panels.

27 05 Common Work Results for Communications ⁽²⁷⁾

27 05 26 Grounding and Bonding for Communications Systems ^(27 05)

See CSI section 26 05 26 00-0000 for grounding.

27 05 26 00-0001	EA	25 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 720-00).....	1,001.51	116.98
		Note: Excludes terminations.		
27 05 26 00-0002	EA	50 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 820-00).....	1,278.69	156.02
		Note: Excludes terminations.		
27 05 26 00-0003	EA	100 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 630-00).....	2,027.37	233.96
		Note: Excludes terminations.		
27 05 26 00-0004	EA	Lucent 3B1-EW, Gas Tube Protector Unit.....	12.09	1.72
27 05 26 00-0005	EA	44 Terminal Copper Ground Bus Bar (Siemens ECGK).....	77.33	30.91
27 05 26 00-0006	EA	2" x 1/4" x 12", TGB Pattern, Grounding Bus Bar.....	190.46	30.91
27 05 26 00-0007	EA	4" x 1/4" x 12", TMGB Pattern, Grounding Bus Bar.....	363.57	30.91
27 05 26 00-0008	EA	#6 AWG, Cable Runway Ground Strap.....	72.73	5.72
27 05 26 00-0009	EA	1/4" Screw Size, #6 AWG Compression Lug.....	25.07	5.72
27 05 26 00-0010	EA	3/8" Screw Size, #6 AWG Compression Lug.....	26.75	5.72
27 05 26 00-0011	EA	Two Mounting Hole, Ground Terminal Block.....	29.86	5.72

27 05 29 Hangers and Supports for Communications Systems ^(27 05)

See CSI section 26 05 29 00-0000 for hangers and supports.

27 05 29 00-0001 Communications And Low Voltage Cable Hooks (J-Hooks) ^(27 05 29)

27 05 29 00-0002 Screw On Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) ^(27 05 29 00-0001)

Note: Includes screw.

27 05 29 00-0003	EA	3/4" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12).....	9.11	2.86
		<i>For >50 To 100, Deduct</i>	-0.37	
		<i>For >100 To 250, Deduct</i>	-0.74	
		<i>For >250 To 500, Deduct</i>	-1.40	
		<i>For >500, Deduct</i>	-2.06	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.53	
		<i>For Work In Restricted Working Space, Add</i>	1.72	
		<i>For Painted Powder Coated Finish, Add</i>	0.69	
27 05 29 00-0004	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21).....	9.63	2.86
		<i>For >50 To 100, Deduct</i>	-0.38	
		<i>For >100 To 250, Deduct</i>	-0.77	
		<i>For >250 To 500, Deduct</i>	-1.44	
		<i>For >500, Deduct</i>	-2.11	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.53	
		<i>For Work In Restricted Working Space, Add</i>	1.72	
		<i>For Painted Powder Coated Finish, Add</i>	2.41	
		<i>For Low Friction Xylan® Coated Finish, Add</i>	8.60	
27 05 29 00-0005	EA	2" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32).....	10.44	2.86
		<i>For >50 To 100, Deduct</i>	-0.40	
		<i>For >100 To 250, Deduct</i>	-0.81	
		<i>For >250 To 500, Deduct</i>	-1.50	
		<i>For >500, Deduct</i>	-2.19	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.53	
		<i>For Work In Restricted Working Space, Add</i>	1.72	
		<i>For Painted Powder Coated Finish, Add</i>	2.96	
		<i>For Low Friction Xylan® Coated Finish, Add</i>	10.69	
27 05 29 00-0006	EA	4" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64).....	17.48	2.86
		<i>For >50 To 100, Deduct</i>	-0.58	
		<i>For >100 To 250, Deduct</i>	-1.16	
		<i>For >250 To 500, Deduct</i>	-2.03	
		<i>For >500, Deduct</i>	-2.89	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.53	
		<i>For Work In Restricted Working Space, Add</i>	1.72	
		<i>For Painted Powder Coated Finish, Add</i>	1.58	
		<i>For Low Friction Xylan® Coated Finish, Add</i>	9.47	

27 05 29 00-0007 Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) ^(27 05 29 00-0001)

Note: Includes screw.

27 05 29 00-0008	EA	3/4" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-RB).....	10.34	2.86
		<i>For >50 To 100, Deduct</i>	-0.40	
		<i>For >100 To 250, Deduct</i>	-0.80	
		<i>For >250 To 500, Deduct</i>	-1.49	
		<i>For >500, Deduct</i>	-2.18	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.53	
		<i>For Work In Restricted Working Space, Add</i>	1.72	

27 Communications**27 05 Common Work Results for Communications****27 05 29 Hangers and Supports for Communications Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

27 05 29 00-0009	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-RB)	13.51	2.86
		<i>For >50 To 100, Deduct</i>	-0.48	
		<i>For >100 To 250, Deduct</i>	-0.96	
		<i>For >250 To 500, Deduct</i>	-1.73	
		<i>For >500, Deduct</i>	-2.50	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.53	
		<i>For Work In Restricted Working Space, Add</i>	1.72	
27 05 29 00-0010	EA	2" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-RB)	15.05	2.86
		<i>For >50 To 100, Deduct</i>	-0.52	
		<i>For >100 To 250, Deduct</i>	-1.04	
		<i>For >250 To 500, Deduct</i>	-1.84	
		<i>For >500, Deduct</i>	-2.65	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.53	
		<i>For Work In Restricted Working Space, Add</i>	1.72	
27 05 29 00-0011	EA	4" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-RB)	20.56	2.86
		<i>For >50 To 100, Deduct</i>	-0.66	
		<i>For >100 To 250, Deduct</i>	-1.31	
		<i>For >250 To 500, Deduct</i>	-2.26	
		<i>For >500, Deduct</i>	-3.20	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.53	
		<i>For Work In Restricted Working Space, Add</i>	1.72	
27 05 29 00-0012		Strut Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) (27 05 29 00-0001)		
		Note: Excludes strut.		
27 05 29 00-0013	EA	3/4" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-SC4)	10.93	2.86
		<i>For >50 To 100, Deduct</i>	-0.42	
		<i>For >100 To 250, Deduct</i>	-0.83	
		<i>For >250 To 500, Deduct</i>	-1.53	
		<i>For >500, Deduct</i>	-2.24	
		<i>For Work In Restricted Working Space, Add</i>	1.72	
27 05 29 00-0014	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-SC4)	13.04	2.86
		<i>For >50 To 100, Deduct</i>	-0.47	
		<i>For >100 To 250, Deduct</i>	-0.94	
		<i>For >250 To 500, Deduct</i>	-1.69	
		<i>For >500, Deduct</i>	-2.45	
		<i>For Work In Restricted Working Space, Add</i>	1.72	
27 05 29 00-0015	EA	2" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-SC4)	14.14	2.86
		<i>For >50 To 100, Deduct</i>	-0.50	
		<i>For >100 To 250, Deduct</i>	-0.99	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.56	
		<i>For Work In Restricted Working Space, Add</i>	1.72	
27 05 29 00-0016	EA	4" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-SC4)	19.35	2.86
		<i>For >50 To 100, Deduct</i>	-0.63	
		<i>For >100 To 250, Deduct</i>	-1.25	
		<i>For >250 To 500, Deduct</i>	-2.17	
		<i>For >500, Deduct</i>	-3.08	
		<i>For Work In Restricted Working Space, Add</i>	1.72	
27 05 29 00-0017		T-Bar Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) (27 05 29 00-0001)		
		Note: Excludes T-Bar.		
27 05 29 00-0018	EA	3/4" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-A28)	13.24	2.86
		<i>For >50 To 100, Deduct</i>	-0.47	
		<i>For >100 To 250, Deduct</i>	-0.95	
		<i>For >250 To 500, Deduct</i>	-1.71	
		<i>For >500, Deduct</i>	-2.47	
		<i>For Work In Restricted Working Space, Add</i>	1.72	
27 05 29 00-0019	EA	1-5/16" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-A28)	16.81	2.86
		<i>For >50 To 100, Deduct</i>	-0.56	
		<i>For >100 To 250, Deduct</i>	-1.13	
		<i>For >250 To 500, Deduct</i>	-1.98	
		<i>For >500, Deduct</i>	-2.83	
		<i>For Work In Restricted Working Space, Add</i>	1.72	
27 05 29 00-0020	EA	2" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-A28)	17.75	2.86
		<i>For >50 To 100, Deduct</i>	-0.59	
		<i>For >100 To 250, Deduct</i>	-1.17	
		<i>For >250 To 500, Deduct</i>	-2.05	
		<i>For >500, Deduct</i>	-2.92	
		<i>For Work In Restricted Working Space, Add</i>	1.72	
27 05 29 00-0021		Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) (27 05 29 00-0001)		
		Note: Excludes threaded rod. See CSI section 26 05 29 00-0372 for threaded rod.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 05 29 00-0022	EA 3/4" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-W6).....	10.65	2.86
	<i>For >50 To 100, Deduct</i>	-0.41	
	<i>For >100 To 250, Deduct</i>	-0.82	
	<i>For >250 To 500, Deduct</i>	-1.51	
	<i>For >500, Deduct</i>	-2.21	
	<i>For Work In Restricted Working Space, Add</i>	1.72	
27 05 29 00-0023	EA 1-5/16" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-W6).....	11.13	2.86
	<i>For >50 To 100, Deduct</i>	-0.42	
	<i>For >100 To 250, Deduct</i>	-0.84	
	<i>For >250 To 500, Deduct</i>	-1.55	
	<i>For >500, Deduct</i>	-2.26	
	<i>For Work In Restricted Working Space, Add</i>	1.72	
27 05 29 00-0024	EA 2" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-W6).....	13.61	2.86
	<i>For >50 To 100, Deduct</i>	-0.48	
	<i>For >100 To 250, Deduct</i>	-0.97	
	<i>For >250 To 500, Deduct</i>	-1.74	
	<i>For >500, Deduct</i>	-2.51	
	<i>For Work In Restricted Working Space, Add</i>	1.72	
27 05 29 00-0025	Threaded Rod Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) <small>(27 05 29 00-0001)</small> Note: Excludes threaded rod, nuts and washers. See CSI section 26 05 29 00-0372 for threaded rod, nuts and washers.		
27 05 29 00-0026	EA 1-5/16" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-AB).....	13.32	2.86
	<i>For >50 To 100, Deduct</i>	-0.48	
	<i>For >100 To 250, Deduct</i>	-0.95	
	<i>For >250 To 500, Deduct</i>	-1.71	
	<i>For >500, Deduct</i>	-2.48	
	<i>For Work In Restricted Working Space, Add</i>	1.72	
27 05 29 00-0027	EA 2" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-AB).....	14.48	2.86
	<i>For >50 To 100, Deduct</i>	-0.51	
	<i>For >100 To 250, Deduct</i>	-1.01	
	<i>For >250 To 500, Deduct</i>	-1.80	
	<i>For >500, Deduct</i>	-2.59	
	<i>For Work In Restricted Working Space, Add</i>	1.72	
27 05 29 00-0028	EA 4" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-AB).....	20.24	2.86
	<i>For >50 To 100, Deduct</i>	-0.65	
	<i>For >100 To 250, Deduct</i>	-1.30	
	<i>For >250 To 500, Deduct</i>	-2.23	
	<i>For >500, Deduct</i>	-3.17	
	<i>For Work In Restricted Working Space, Add</i>	1.72	
27 05 29 00-0029	Beam Clamp Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) <small>(27 05 29 00-0001)</small>		
27 05 29 00-0030	EA 3/4" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-C442A).....	13.16	2.86
	<i>For >50 To 100, Deduct</i>	-0.47	
	<i>For >100 To 250, Deduct</i>	-0.94	
	<i>For >250 To 500, Deduct</i>	-1.70	
	<i>For >500, Deduct</i>	-2.46	
	<i>For Work In Restricted Working Space, Add</i>	1.72	
27 05 29 00-0031	EA 1-5/16" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-C442A).....	15.23	2.86
	<i>For >50 To 100, Deduct</i>	-0.52	
	<i>For >100 To 250, Deduct</i>	-1.05	
	<i>For >250 To 500, Deduct</i>	-1.86	
	<i>For >500, Deduct</i>	-2.67	
	<i>For Work In Restricted Working Space, Add</i>	1.72	
27 05 29 00-0032	EA 2" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-C442A).....	16.33	2.86
	<i>For >50 To 100, Deduct</i>	-0.55	
	<i>For >100 To 250, Deduct</i>	-1.10	
	<i>For >250 To 500, Deduct</i>	-1.94	
	<i>For >500, Deduct</i>	-2.78	
	<i>For Work In Restricted Working Space, Add</i>	1.72	
27 05 29 00-0033	EA 4" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-C442A).....	22.33	2.86
	<i>For >50 To 100, Deduct</i>	-0.70	
	<i>For >100 To 250, Deduct</i>	-1.40	
	<i>For >250 To 500, Deduct</i>	-2.39	
	<i>For >500, Deduct</i>	-3.38	
	<i>For Work In Restricted Working Space, Add</i>	1.72	
27 05 29 00-0034	Adjustable Cable Supports (Caddy® CableCat CAT425) <small>(27 05 29)</small>		

27 Communications**27 05 Common Work Results for Communications****27 05 29 Hangers and Supports for Communications Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

27 05 29 00-0035	EA	Wall Mount, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425).....	37.84	3.77
		<i>For >50 To 100, Deduct</i>	-1.23	
		<i>For >100 To 250, Deduct</i>	-2.46	
		<i>For >250 To 500, Deduct</i>	-4.27	
		<i>For >500, Deduct</i>	-6.07	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	2.96	
		<i>For Work In Restricted Working Space, Add</i>	3.43	
27 05 29 00-0036	EA	Threaded Rod Or Horizontal Surface Mount, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	38.62	3.77
		<i>For >50 To 100, Deduct</i>	-1.25	
		<i>For >100 To 250, Deduct</i>	-2.50	
		<i>For >250 To 500, Deduct</i>	-4.33	
		<i>For >500, Deduct</i>	-6.15	
		<i>For Work In Restricted Working Space, Add</i>	3.43	
27 05 29 00-0037	EA	Up To 1/4" Flange, Hammer On Flange Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	42.64	3.77
		<i>For >50 To 100, Deduct</i>	-1.35	
		<i>For >100 To 250, Deduct</i>	-2.70	
		<i>For >250 To 500, Deduct</i>	-4.63	
		<i>For >500, Deduct</i>	-6.55	
		<i>For Work In Restricted Working Space, Add</i>	3.43	
27 05 29 00-0038	EA	>1/4" To 3/4" Flange, Hammer On Flange Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	37.72	3.77
		<i>For >50 To 100, Deduct</i>	-1.23	
		<i>For >100 To 250, Deduct</i>	-2.46	
		<i>For >250 To 500, Deduct</i>	-4.26	
		<i>For >500, Deduct</i>	-6.06	
		<i>For Work In Restricted Working Space, Add</i>	3.43	
27 05 29 00-0039	EA	Up To 1/2" Flange, Beam Clamp, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	39.58	3.77
		<i>For >50 To 100, Deduct</i>	-1.28	
		<i>For >100 To 250, Deduct</i>	-2.55	
		<i>For >250 To 500, Deduct</i>	-4.40	
		<i>For >500, Deduct</i>	-6.24	
		<i>For Work In Restricted Working Space, Add</i>	3.43	
27 05 29 00-0040	EA	>1/2" To 5/8" Flange, Beam Clamp, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	41.42	3.77
		<i>For >50 To 100, Deduct</i>	-1.32	
		<i>For >100 To 250, Deduct</i>	-2.64	
		<i>For >250 To 500, Deduct</i>	-4.54	
		<i>For >500, Deduct</i>	-6.43	
		<i>For Work In Restricted Working Space, Add</i>	3.43	
27 05 29 00-0041	EA	Up To 1/4" Flange, Hammer On Purlin Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	38.95	3.77
		<i>For >50 To 100, Deduct</i>	-1.26	
		<i>For >100 To 250, Deduct</i>	-2.52	
		<i>For >250 To 500, Deduct</i>	-4.35	
		<i>For >500, Deduct</i>	-6.18	
		<i>For Work In Restricted Working Space, Add</i>	3.43	

27 05 33 Conduits and Backboxes for Communications Systems ^(27 05)

See CSI section 26 05 33 00-0000 for conduit and boxes.

27 05 36 Cable Trays for Communications Systems ^(27 05)

See CSI section 26 05 36 00-0000 for cable trays.

27 05 39 Surface Raceways for Communications Systems ^(27 05)

See CSI section 26 05 33 00-0000 for surface raceways.

27 05 43 Underground Ducts and Raceways for Communications Systems ^(27 05)

See CSI section 26 05 43 00-0000 for underground ducts and raceways.

27 05 46 Utility Poles for Communications Systems ^(27 05)

See CSI section 26 05 46 00-0000 for utility poles.

27 05 53 Identification for Communications Systems ^(27 05)

See CSI section 26 05 53 00-0000 for identification.

27 10 Structured Cabling ⁽²⁷⁾

Note: Includes identifying, tagging and testing.

27 11 Communications Equipment Room Fittings ^(27 10)**27 11 16 Communications Cabinets, Racks, Frames, and Enclosures** ^(27 11)

27 11 16 00-0001		3/4" Fire Retardant Plywood Backboards ^(27 11 16)		
27 11 16 00-0002	EA	4' x 4' x 3/4" Fire Retardant Plywood Backboard	98.32	29.71
		<i>For Two Coats Of Non-Conductive, Fire Retardant Paint, Add</i>	55.31	
27 11 16 00-0003	EA	4' x 8' x 3/4" Fire Retardant Plywood Backboard	196.65	59.42
		<i>For Two Coats Of Non-Conductive, Fire Retardant Paint, Add</i>	110.61	
27 11 16 00-0004		Terminal Cabinets ^(27 11 16)		
27 11 16 00-0005	EA	12" x 12" x 4" Phone Terminal Cabinet With Wood Backboard	367.44	85.70
27 11 16 00-0006	EA	18" x 12" x 4" Phone Terminal Cabinet With Wood Backboard	468.59	94.27
27 11 16 00-0007	EA	24" x 12" x 4" Phone Terminal Cabinet With Wood Backboard	539.17	108.55
27 11 16 00-0008	EA	18" x 18" x 4" Phone Terminal Cabinet With Wood Backboard	559.86	111.41

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 11 16 00-0009	EA	24" x 18" x 4" Phone Terminal Cabinet With Wood Backboard	691.63	114.27
27 11 16 00-0010	EA	26" x 36" x 4" Phone Terminal Cabinet With Wood Backboard	860.36	128.55
27 11 16 00-0011	EA	24" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	882.64	125.69
27 11 16 00-0012	EA	30" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	1,128.71	179.05
27 11 16 00-0013	EA	36" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	1,205.79	196.76
27 11 16 00-0014	EA	42" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	1,466.11	207.85
27 11 16 00-0015	EA	30" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	1,211.01	171.39
27 11 16 00-0016	EA	36" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	1,309.59	185.68
27 11 16 00-0017	EA	48" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	1,630.61	238.01
27 11 16 00-0018	EA	54" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	1,954.32	297.54
27 11 16 00-0019	EA	48" x 36" x 6" Phone Terminal Cabinet With Wood Backboard	2,229.77	294.23
27 11 16 00-0020	EA	60" x 36" x 6" Phone Terminal Cabinet With Wood Backboard	2,554.84	357.99
27 11 16 00-0021		Equipment Racks And Cable Managers (27 11 16)		
27 11 16 00-0022		Equipment Racks (27 11 16 00-0021)		
		Note: Electronics Industries Association EIA-310-D compliant. Includes aluminum construction with clear grained aluminum or black epoxy-polyester hybrid powder coat finish.		
27 11 16 00-0023		Standard Equipment Racks (27 11 16 00-0022)		
27 11 16 00-0024		19" Width, Standard Equipment Racks (27 11 16 00-0023)		
27 11 16 00-0025	EA	84" Height, 19" Width, 3" Depth, 45U, Standard Equipment Rack (Chatsworth 55053-X03)	591.96	182.82
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	11.32	
27 11 16 00-0026	EA	96" Height, 19" Width, 3" Depth, 51U, Standard Equipment Rack (Chatsworth 55053-X15)	835.08	194.25
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	22.33	
27 11 16 00-0027	EA	108" Height, 19" Width, 3" Depth, 58U, Standard Equipment Rack (Chatsworth 55053-X08)	903.03	205.67
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	24.58	
27 11 16 00-0028		Universal Equipment Racks (27 11 16 00-0022)		
27 11 16 00-0029		Universal Equipment Racks (27 11 16 00-0028)		
27 11 16 00-0030		19" Width, EIA Universal Equipment Racks (27 11 16 00-0029)		
27 11 16 00-0031	EA	36" Height, 19" Width, 3" Depth, 17U, EIA Universal Equipment Rack (Chatsworth 46353-X31)	787.93	159.97
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	23.40	
27 11 16 00-0032	EA	48" Height, 19" Width, 3" Depth, 24U, EIA Universal Equipment Rack (Chatsworth 46353-X20)	863.76	162.82
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	26.91	
27 11 16 00-0033	EA	60" Height, 19" Width, 3" Depth, 31U, EIA Universal Equipment Rack (Chatsworth 46353-X19)	861.94	165.68
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	26.53	
27 11 16 00-0034	EA	66" Height, 19" Width, 3" Depth, 34U, EIA Universal Equipment Rack (Chatsworth 46353-X00)	884.40	168.54
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	27.37	
27 11 16 00-0035	EA	72" Height, 19" Width, 3" Depth, 38U, EIA Universal Equipment Rack (Chatsworth 46353-X01)	906.60	171.39
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	28.19	
27 11 16 00-0036	EA	78" Height, 19" Width, 3" Depth, 41U, EIA Universal Equipment Rack (Chatsworth 46353-X02)	930.70	174.25
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	29.11	
27 11 16 00-0037	EA	84" Height, 19" Width, 3" Depth, 45U, EIA Universal Equipment Rack (Chatsworth 46353-X03)	786.42	177.11
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	21.61	
27 11 16 00-0038	EA	90" Height, 19" Width, 3" Depth, 48U, EIA Universal Equipment Rack (Chatsworth 46353-X05)	977.49	179.96
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	30.88	
27 11 16 00-0039	EA	96" Height, 19" Width, 3" Depth, 51U, EIA Universal Equipment Rack (Chatsworth 46353-X15)	1,012.90	182.82
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	32.36	
27 11 16 00-0040	EA	102" Height, 19" Width, 3" Depth, 55U, EIA Universal Equipment Rack (Chatsworth 46353-X17)	1,043.73	185.68
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	33.62	
27 11 16 00-0041	EA	108" Height, 19" Width, 3" Depth, 58U, EIA Universal Equipment Rack (Chatsworth 46353-X08)	1,050.71	188.53
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	33.68	
27 11 16 00-0042		23" Width, Universal Equipment Racks (27 11 16 00-0029)		
27 11 16 00-0043	EA	36" Height, 23" Width, 3" Depth, 17U, Universal Equipment Rack (Chatsworth 46383-X31)	835.96	159.97
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	25.80	
27 11 16 00-0044	EA	48" Height, 23" Width, 3" Depth, 24U, Universal Equipment Rack (Chatsworth 46383-X20)	865.54	162.82
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	26.99	
27 11 16 00-0045	EA	60" Height, 23" Width, 3" Depth, 31U, Universal Equipment Rack (Chatsworth 46383-X19)	891.51	165.68
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	28.01	
27 11 16 00-0046	EA	66" Height, 23" Width, 3" Depth, 34U, Universal Equipment Rack (Chatsworth 46383-X00)	940.64	168.54
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	30.18	
27 11 16 00-0047	EA	72" Height, 23" Width, 3" Depth, 38U, Universal Equipment Rack (Chatsworth 46383-X01)	964.50	171.39
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	31.09	
27 11 16 00-0048	EA	78" Height, 23" Width, 3" Depth, 41U, Universal Equipment Rack (Chatsworth 46383-X02)	990.52	174.25
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	32.10	
27 11 16 00-0049	EA	84" Height, 23" Width, 3" Depth, 45U, Universal Equipment Rack (Chatsworth 46383-X03)	846.93	177.11
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	24.64	
27 11 16 00-0050	EA	90" Height, 23" Width, 3" Depth, 48U, Universal Equipment Rack (Chatsworth 46383-X05)	1,040.98	179.96
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	34.05	
27 11 16 00-0051	EA	96" Height, 23" Width, 3" Depth, 51U, Universal Equipment Rack (Chatsworth 46383-X15)	1,079.39	182.82
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	35.69	
27 11 16 00-0052	EA	102" Height, 23" Width, 3" Depth, 55U, Universal Equipment Rack (Chatsworth 46383-X17)	1,112.85	185.68
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	37.07	
27 11 16 00-0053	EA	108" Height, 23" Width, 3" Depth, 58U, Universal Equipment Rack (Chatsworth 46383-X08)	1,119.93	188.53
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	37.14	
27 11 16 00-0054		35" Width, Universal Equipment Racks (27 11 16 00-0029)		
27 11 16 00-0055	EA	72" Height, 35" Width, 3" Depth, 38U, Universal Equipment Rack (Chatsworth 46363-X01)	1,045.90	171.39
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	35.16	

27 Communications**27 10 Structured Cabling****27 11 Communications Equipment Room Fittings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 16 00-0056	EA		84" Height, 35" Width, 3" Depth, 45U, Universal Equipment Rack (Chatsworth 46363-X03) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,102.20 37.40	177.11
27 11 16 00-0057			UL Listed Universal Equipment Racks (27 11 16 00-0028) Note: UL listed as a communications circuit accessory.		
27 11 16 00-0058			19" Width, UL Listed Universal Equipment Racks (27 11 16 00-0057)		
27 11 16 00-0059	EA		36" Height, 19" Width, 3" Depth, 17U, UL Listed Universal Equipment Rack (Chatsworth 48353-X31) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	834.74 25.74	159.97
27 11 16 00-0060	EA		48" Height, 19" Width, 3" Depth, 24U, UL Listed Universal Equipment Rack (Chatsworth 48353-X20) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	904.72 28.95	162.82
27 11 16 00-0061	EA		60" Height, 19" Width, 3" Depth, 31U, UL Listed Universal Equipment Rack (Chatsworth 48353-X19) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	918.50 29.36	165.68
27 11 16 00-0062	EA		66" Height, 19" Width, 3" Depth, 34U, UL Listed Universal Equipment Rack (Chatsworth 48353-X00) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	939.17 30.10	168.54
27 11 16 00-0063	EA		72" Height, 19" Width, 3" Depth, 38U, UL Listed Universal Equipment Rack (Chatsworth 48353-X01) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	962.96 31.01	171.39
27 11 16 00-0064	EA		78" Height, 19" Width, 3" Depth, 41U, UL Listed Universal Equipment Rack (Chatsworth 48353-X02) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	988.92 32.02	174.25
27 11 16 00-0065	EA		84" Height, 19" Width, 3" Depth, 45U, UL Listed Universal Equipment Rack (Chatsworth 48353-X03) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,013.81 32.98	177.11
27 11 16 00-0066	EA		90" Height, 19" Width, 3" Depth, 48U, UL Listed Universal Equipment Rack (Chatsworth 48353-X05) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,039.28 33.97	179.96
27 11 16 00-0067	EA		96" Height, 19" Width, 3" Depth, 51U, UL Listed Universal Equipment Rack (Chatsworth 48353-X15) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,077.65 35.60	182.82
27 11 16 00-0068	EA		102" Height, 19" Width, 3" Depth, 55U, UL Listed Universal Equipment Rack (Chatsworth 48353-X17) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,111.01 36.98	185.68
27 11 16 00-0069	EA		108" Height, 19" Width, 3" Depth, 58U, UL Listed Universal Equipment Rack (Chatsworth 48353-X08) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,118.02 37.05	188.53
27 11 16 00-0070			23" Width, UL Listed Universal Equipment Racks (27 11 16 00-0057)		
27 11 16 00-0071	EA		36" Height, 23" Width, 3" Depth, 17U, UL Listed Universal Equipment Rack (Chatsworth 48383-X31) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	887.61 28.38	159.97
27 11 16 00-0072	EA		48" Height, 23" Width, 3" Depth, 24U, UL Listed Universal Equipment Rack (Chatsworth 48383-X20) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	976.42 32.54	162.82
27 11 16 00-0073	EA		60" Height, 23" Width, 3" Depth, 31U, UL Listed Universal Equipment Rack (Chatsworth 48383-X19) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	988.69 32.87	165.68
27 11 16 00-0074	EA		66" Height, 23" Width, 3" Depth, 34U, UL Listed Universal Equipment Rack (Chatsworth 48383-X00) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,000.99 33.20	168.54
27 11 16 00-0075	EA		72" Height, 23" Width, 3" Depth, 38U, UL Listed Universal Equipment Rack (Chatsworth 48383-X01) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,026.66 34.19	171.39
27 11 16 00-0076	EA		78" Height, 23" Width, 3" Depth, 41U, UL Listed Universal Equipment Rack (Chatsworth 48383-X02) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,054.73 35.31	174.25
27 11 16 00-0077	EA		84" Height, 23" Width, 3" Depth, 45U, UL Listed Universal Equipment Rack (Chatsworth 48383-X03) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,081.56 36.37	177.11
27 11 16 00-0078	EA		90" Height, 23" Width, 3" Depth, 48U, UL Listed Universal Equipment Rack (Chatsworth 48383-X05) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,109.06 37.46	179.96
27 11 16 00-0079	EA		96" Height, 23" Width, 3" Depth, 51U, UL Listed Universal Equipment Rack (Chatsworth 48383-X15) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,150.75 39.26	182.82
27 11 16 00-0080	EA		102" Height, 23" Width, 3" Depth, 55U, UL Listed Universal Equipment Rack (Chatsworth 48383-X17) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,187.00 40.78	185.68
27 11 16 00-0081	EA		108" Height, 23" Width, 3" Depth, 58U, UL Listed Universal Equipment Rack (Chatsworth 48383-X08) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,194.33 40.86	188.53
27 11 16 00-0082			4-Post Equipment Racks And Server Frames (27 11 16 00-0022)		
27 11 16 00-0083			4-Post Equipment Racks (27 11 16 00-0082)		
27 11 16 00-0084	EA		19" Width, 29" Depth, 84" Height, 4-Post Equipment Rack (Chatsworth 50120-X03)..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,696.00 56.23	285.66
27 11 16 00-0085	EA		19" Width, 29" Depth, 96" Height, 4-Post Equipment Rack (Chatsworth 50120-X15)..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,855.34 63.06	297.09
27 11 16 00-0086	EA		19" Width, 29" Depth, 108" Height, 4-Post Equipment Rack (Chatsworth 50120-X08)..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	2,005.50 69.42	308.51
27 11 16 00-0087			4-Post Server Frame (27 11 16 00-0082)		
27 11 16 00-0088	EA		19" Width, 29" Depth, 84" Height, Server Frame (Chatsworth 15053-X03) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,745.46 58.71	285.66
27 11 16 00-0089			Cable Managers (27 11 16 00-0021)		
27 11 16 00-0090			Horizontal Cable Managers (27 11 16 00-0089)		
27 11 16 00-0091			Single-Sided, Horizontal Cable Managers (27 11 16 00-0090)		
27 11 16 00-0092	EA		1U Height, 19" Width, 4.96" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30139-719).....	99.39	11.43
27 11 16 00-0093	EA		1U Height, 23" Width, 4.96" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30139-723).....	111.00	11.43
27 11 16 00-0094	EA		1U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-701).....	82.51	11.43
27 11 16 00-0095	EA		2U Height, 19" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30130-719).....	101.13	11.43
27 11 16 00-0096	EA		2U Height, 23" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30130-723).....	119.11	11.43
27 11 16 00-0097	EA		2U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-702).....	91.69	11.43
27 11 16 00-0098	EA		3U Height, 19" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30131-719).....	137.35	11.43
27 11 16 00-0099	EA		3U Height, 23" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30131-723).....	156.74	11.43
27 11 16 00-0100	EA		3U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-703).....	110.04	11.43

27 11 16 00-0101	Double-Sided, Horizontal Cable Managers <small>(27 11 16 00-0090)</small>		
27 11 16 00-0102	EA 1U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30529-719)	124.13	11.43
27 11 16 00-0103	EA 1U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30529-723)	139.44	11.43
27 11 16 00-0104	EA 2U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30530-719)	130.76	11.43
27 11 16 00-0105	EA 2U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30530-723)	152.68	11.43
27 11 16 00-0106	EA 3U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30531-719)	170.05	11.43
27 11 16 00-0107	EA 3U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30531-723)	190.77	11.43

27 11 16 00-0108	Vertical Cable Managers <small>(27 11 16 00-0089)</small>		
27 11 16 00-0109	Single-Sided, Vertical Cable Managers <small>(27 11 16 00-0108)</small>		
27 11 16 00-0110	EA 3.6" Width, 9.7" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-701)	224.73	17.14
27 11 16 00-0111	EA 6" Width, 9.8" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-701)	318.80	17.14
27 11 16 00-0112	EA 10" Width, 10.3" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-701)	516.13	17.14
27 11 16 00-0113	EA 12" Width, 10.4" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-701)	584.97	17.14
27 11 16 00-0114	EA 3.6" Width, 9.7" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-703)	240.79	17.14
27 11 16 00-0115	EA 6" Width, 9.8" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-703)	344.04	17.14
27 11 16 00-0116	EA 10" Width, 10.3" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-703)	562.02	17.14
27 11 16 00-0117	EA 12" Width, 10.4" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-703)	630.86	17.14
27 11 16 00-0118	EA 3.6" Width, 9.7" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-715)	272.91	17.14
27 11 16 00-0119	EA 6" Width, 9.8" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-715)	378.46	17.14
27 11 16 00-0120	EA 10" Width, 10.3" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-715)	630.86	17.14
27 11 16 00-0121	EA 12" Width, 10.4" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-715)	699.70	17.14

27 11 16 00-0122	Double-Sided, Vertical Cable Managers <small>(27 11 16 00-0108)</small>		
27 11 16 00-0123	EA 3.6" Width, 16.4" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-701)	327.98	17.14
27 11 16 00-0124	EA 6" Width, 16.6" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-701)	387.64	17.14
27 11 16 00-0125	EA 10" Width, 17.5" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-701)	630.86	17.14
27 11 16 00-0126	EA 12" Width, 17.8" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-701)	745.59	17.14
27 11 16 00-0127	EA 3.6" Width, 16.4" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-703)	355.52	17.14
27 11 16 00-0128	EA 6" Width, 16.6" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-703)	415.17	17.14
27 11 16 00-0129	EA 10" Width, 17.5" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-703)	676.75	17.14
27 11 16 00-0130	EA 12" Width, 17.8" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-703)	791.48	17.14
27 11 16 00-0131	EA 3.6" Width, 16.4" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-715)	392.23	17.14
27 11 16 00-0132	EA 6" Width, 16.6" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-715)	451.89	17.14
27 11 16 00-0133	EA 10" Width, 17.5" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-715)	745.59	17.14
27 11 16 00-0134	EA 12" Width, 17.8" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-715)	860.31	17.14

27 11 16 00-0135	Accessories For Vertical Cable Managers <small>(27 11 16 00-0108)</small>		
27 11 16 00-0136	EA Cable Ring Kit For 3.6" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-716)	137.58	11.43
27 11 16 00-0137	EA Cable Ring Kit For 3.6" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-717)	146.76	11.43
27 11 16 00-0138	EA Cable Ring Kit For 3.6" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-718)	155.93	11.43
27 11 16 00-0139	EA Cable Ring Kit For 6" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-726)	142.17	11.43
27 11 16 00-0140	EA Cable Ring Kit For 6" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-727)	155.93	11.43
27 11 16 00-0141	EA Cable Ring Kit For 6" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-728)	169.70	11.43
27 11 16 00-0142	EA Cable Ring Kit For 10" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-746)	160.52	11.43
27 11 16 00-0143	EA Cable Ring Kit For 10" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-747)	174.29	11.43
27 11 16 00-0144	EA Cable Ring Kit For 10" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-748)	188.06	11.43
27 11 16 00-0145	EA Cable Ring Kit For 12" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-756)	169.70	11.43
27 11 16 00-0146	EA Cable Ring Kit For 12" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-757)	188.06	11.43
27 11 16 00-0147	EA Cable Ring Kit For 12" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-758)	201.82	11.43
27 11 16 00-0148	EA Cable Lashing Bar Kit For Vertical Cable Managers (Chatsworth 13928-001)	114.63	11.43
27 11 16 00-0149	EA Cable Spool Kit For Vertical Cable Managers (Chatsworth 13935-701)	132.99	11.43
27 11 16 00-0150	EA Cable Distribution Spools For Vertical Cable Managers (Chatsworth 15008-001)	139.18	11.43
27 11 16 00-0151	EA Cable Distribution Spool Spacer Kit For Vertical Cable Managers (Chatsworth 35505-001)	87.10	11.43

27 11 19 Communications Termination Blocks and Patch Panels (27 11)
 Note: The terminating, testing, and labeling of the cables in question should be done according to the task description as well as the current contract specifications. See CSI section 26 05 53 00-0020 for labeling.

27 11 19 00-0001	Computer Network Components <small>(27 11 19)</small>		
27 11 19 00-0002	Ethernet Patch Panels <small>(27 11 19 00-0001)</small>		
27 11 19 00-0003	EA 12 Port, Category 5E Patch Panel	288.62	57.13
27 11 19 00-0004	EA 24 Port, Category 5E Patch Panel	437.37	57.13
27 11 19 00-0005	EA 32 Port, Category 5E Patch Panel	578.13	57.13
27 11 19 00-0006	EA 48 Port, Category 5E Patch Panel	709.29	57.13
27 11 19 00-0007	EA 64 Port, Category 5E Patch Panel	827.97	71.42
27 11 19 00-0008	EA 96 Port, Category 5E Patch Panel	1,316.65	85.70
27 11 19 00-0009	EA 12 Port, Category 6 Patch Panel	358.96	57.13
27 11 19 00-0010	EA 24 Port, Category 6 Patch Panel	446.97	57.13
27 11 19 00-0011	EA 48 Port, Category 6 Patch Panel	779.67	57.13
27 11 19 00-0012	EA 96 Port, Category 6 Patch Panel	1,451.01	85.70
27 11 19 00-0013	EA 16" x 12" x 8" Steel Enclosure, Type 12, Hinged, Lockable (Hoffman A161208LP)	737.93	85.70
27 11 19 00-0014	EA 16" x 16" x 6" Steel Enclosure, Type 12, Hinged, Lockable (Hoffman A161606LP)	775.18	85.70
27 11 19 00-0015	EA 12 Port, Category 6 Modular to 110 Mini Patch Panel (Ortronics-Legrand OR-PMP61289)	301.72	57.13
27 11 19 00-0016	EA Terminate One End Of A 4 Pair Cable To Category "X" Specifications	40.48	
	<i>For >5 To 10 Cables, Deduct</i>	-7.29	
	<i>For >10 Cables, Deduct</i>	-16.19	

27 Communications**27 10 Structured Cabling****27 11 Communications Equipment Room Fittings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

27 11 19 00-0017	EA	Terminate One End Of A Twisted Pair Of Wires.....	11.13	
		Note: Per each pair		
		For >20 To 40 Pairs, Deduct	-1.78	
		For >40 Pairs, Deduct	-4.23	
27 11 19 00-0018		Fiber Optic Cable Patch Panels And Enclosures (27 11 19 00-0001)		
27 11 19 00-0019		Fiber Optic Cable Connector Housings (27 11 19 00-0018)		
27 11 19 00-0020		Wall Mount, Fiber Optic Cable Connector Housings (27 11 19 00-0019)		
		Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.		
27 11 19 00-0021	EA	1-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	158.23	25.71
27 11 19 00-0022	EA	2-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	241.36	25.71
27 11 19 00-0023	EA	4-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	364.35	25.71
27 11 19 00-0024	EA	6-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	535.58	42.85
27 11 19 00-0025	EA	12-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	754.55	42.85
27 11 19 00-0026		Rack Mount, Fiber Optic Cable Connector Housings (27 11 19 00-0019)		
		Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.		
27 11 19 00-0027	EA	2-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	558.04	42.85
27 11 19 00-0028	EA	4-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	641.52	42.85
27 11 19 00-0029	EA	6-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	692.58	42.85
27 11 19 00-0030	EA	12-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	815.97	42.85
27 11 19 00-0031		Rack Mount, Fiber Optic Cable Pretium® Connector Housings (27 11 19 00-0019)		
		Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.		
27 11 19 00-0032	EA	2-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing	701.11	42.85
		For Splice Tray Bracket, Add	77.29	
27 11 19 00-0033	EA	4-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing	825.30	42.85
		For Splice Tray Bracket, Add	84.52	
27 11 19 00-0034	EA	12-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing	1,034.59	42.85
		For Splice Tray Bracket, Add	307.92	
27 11 19 00-0035		Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housings (27 11 19 00-0019)		
		Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.		
27 11 19 00-0036	EA	8 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	896.51	42.85
27 11 19 00-0037	EA	12 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	1,152.74	42.85
27 11 19 00-0038	EA	24 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	1,308.07	42.85
27 11 19 00-0039	EA	48 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	1,704.22	42.85
27 11 19 00-0040		Wall Mount, Fiber Optic Cable Industrial Connector Housings (27 11 19 00-0019)		
		Note: Includes powder-coat finish, pad lockable outer door and mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.		
27 11 19 00-0041	EA	2-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing	806.71	25.71
27 11 19 00-0042	EA	6-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing	1,111.97	42.85
27 11 19 00-0043	EA	12-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing	1,168.04	42.85
27 11 19 00-0044		Wall Mount, Fiber Optic Cable Environmental Connector Housings (27 11 19 00-0019)		
		Note: Includes NEMA 4X enclosure, pad lockable outer door and mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.		
27 11 19 00-0045	EA	2-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing	845.46	25.71
27 11 19 00-0046	EA	6-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing	1,111.29	42.85
27 11 19 00-0047	EA	12-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing	1,309.64	42.85
27 11 19 00-0048		Fiber Optic Cable Connector Panels (27 11 19 00-0018)		
27 11 19 00-0049		SC Simplex, Fiber Optic Cable Connector Panels (27 11 19 00-0048)		
27 11 19 00-0050	EA	6-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel	109.86	5.71
27 11 19 00-0051	EA	6-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel	119.49	5.71
27 11 19 00-0052	EA	8-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel	134.42	5.71
27 11 19 00-0053	EA	8-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel	147.25	5.71
27 11 19 00-0054	EA	12-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel	183.58	5.71
27 11 19 00-0055	EA	12-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel	202.77	5.71
27 11 19 00-0056		SC Duplex, Fiber Optic Cable Connector Panels (27 11 19 00-0048)		
27 11 19 00-0057	EA	6-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel	105.61	5.71
27 11 19 00-0058	EA	6-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel	107.87	5.71
27 11 19 00-0059	EA	8-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel	128.79	5.71
27 11 19 00-0060	EA	8-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel	131.79	5.71
27 11 19 00-0061	EA	12-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel	175.12	5.71
27 11 19 00-0062	EA	12-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel	179.59	5.71
27 11 19 00-0063		LC Duplex, Fiber Optic Cable Connector Panels (27 11 19 00-0048)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 11 19 00-0064	EA	6-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel.....	114.29	5.71
27 11 19 00-0065	EA	6-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel.....	125.63	5.71
27 11 19 00-0066	EA	8-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel.....	140.32	5.71
27 11 19 00-0067	EA	8-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel.....	155.45	5.71
27 11 19 00-0068	EA	12-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel.....	192.44	5.71
27 11 19 00-0069	EA	12-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel.....	215.09	5.71
27 11 19 00-0070	EA	16-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel.....	244.54	5.71
27 11 19 00-0071	EA	16-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel.....	274.73	5.71
27 11 19 00-0072	EA	24-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel.....	348.72	5.71
27 11 19 00-0073	EA	24-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel.....	359.24	5.71
27 11 19 00-0074		ST Simplex, Fiber Optic Cable Connector Panels (27 11 19 00-0048)		
27 11 19 00-0075	EA	6-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel.....	90.81	5.71
27 11 19 00-0076	EA	6-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel.....	98.09	5.71
27 11 19 00-0077	EA	8-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel.....	109.03	5.71
27 11 19 00-0078	EA	8-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel.....	118.74	5.71
27 11 19 00-0079	EA	12-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel.....	145.45	5.71
27 11 19 00-0080	EA	12-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel.....	160.03	5.71
27 11 19 00-0081		MT-RJ, Fiber Optic Cable Connector Panels (27 11 19 00-0048)		
27 11 19 00-0082	EA	12-Fiber, Multimode, MT-RJ, Fiber Optic Cable Connector Panel.....	113.61	5.71
27 11 19 00-0083	EA	12-Fiber, Singlemode, MT-RJ, Fiber Optic Cable Connector Panel.....	171.50	5.71
27 11 19 00-0084		Fiber Optic Cable Pretium Edge® Modules (27 11 19 00-0048)		
27 11 19 00-0085	EA	12-Fiber, Singlemode, LC Duplex To MTP, Fiber Optic Cable Pretium Edge® Module.....	1,001.99	5.71
27 11 19 00-0086	EA	12-Fiber, Multimode, LC Duplex To MTP, Fiber Optic Cable Pretium Edge® Module.....	1,005.48	5.71
27 11 19 00-0087		Fiber Optic Cable Splice Housings (27 11 19 00-0018)		
27 11 19 00-0088		Wall Mount, Fiber Optic Cable Splice Housings (27 11 19 00-0087)		
		Note: Includes mounting hardware. Excludes splice trays.		
27 11 19 00-0089	EA	12 Splice Tray Capacity, Wall Mount, Fiber Optic Splice Housing With Locking Door.....	372.33	57.13
27 11 19 00-0090		Rack Mount, Fiber Optic Cable Splice Housings (27 11 19 00-0087)		
		Note: Includes mounting hardware. Excludes splice trays.		
27 11 19 00-0091	EA	12 Splice Tray Capacity, Rack Mount, Fiber Optic Cable Splice Housing.....	580.02	42.85
27 11 19 00-0092	EA	22 Splice Tray Capacity, Rack Mount, Fiber Optic Cable Splice Housing.....	589.10	42.85
27 11 19 00-0093		Fiber Optic Cable Splice Trays (27 11 19 00-0087)		
27 11 19 00-0094	EA	Fiber Optic Cable Splice Tray.....	107.54	14.28
27 11 19 00-0095		Fiber Optic Cable Jumper Management Panels (27 11 19 00-0018)		
		Note: Includes mounting hardware.		
27 11 19 00-0096	EA	Rack Mount, Fiber Optic Cable Jumper Management Panel.....	201.07	42.85
27 11 19 00-0097		Miscellaneous Accessories (27 11 19 00-0001)		
27 11 19 00-0098	EA	Wall Mount Bracket For 12 Or 24 Port Patch Panel.....	75.37	
27 11 19 00-0099	EA	Wall Mount Bracket For 32 Or 48 Port Patch Panel.....	101.37	
27 11 19 00-0100	EA	Wall Mount Bracket For 64 Or 72 Port Patch Panel.....	110.02	
27 11 19 00-0101	EA	Wall Mount Bracket For 96 Port Patch Panel.....	122.31	
27 11 19 00-0102	EA	Lightning Protection Plus Stainless Steel Modules, Siemon.....	506.48	57.13
27 11 19 00-0103		Telephone Components (27 11 19)		
27 11 19 00-0104		Terminal Blocks With Wide Range Of 22-8 AWG (27 11 19 00-0103)		
27 11 19 00-0105	EA	Terminal Block, Circuit Isolation Switch With Wire Range 22-8 AWG.....	34.20	11.45
27 11 19 00-0106	EA	Terminal Block, Fuse Holder 600 Volt, 6.3 Amperes With Wire Range 22-8 AWG.....	66.38	11.45
27 11 19 00-0107	EA	Terminal Block, Fuse Holder 600 Volt, 10 Amperes With Wire Range 22-8 AWG.....	53.21	11.45
27 11 19 00-0108	EA	Terminal Block, Solderless Box With Lugs And Wire Range 22-8 AWG.....	26.17	11.45
27 11 19 00-0109	EA	Flat Terminal Block Connection With Wire Range 22-8 AWG.....	18.54	8.01
27 11 19 00-0110	EA	Ground Terminal Block With Wire Range 22-8 AWG.....	35.59	11.45
27 11 19 00-0111	EA	Terminal Block, Solderless Box With Lug 600 Volt, 60 Amperes With Wire Range 22-8 AWG.....	26.17	11.45
27 11 19 00-0112	EA	Terminal Block, Mini Box Lug 300 Volt, 30 Amperes With Wire Range 22-8 AWG.....	18.33	8.01
27 11 19 00-0113	EA	Flat Terminal Block Connection 300 Volt, 20 Amperes With Wire Range 22-8 AWG.....	18.19	8.01
27 11 19 00-0114	EA	Self Lifting Terminal Block, 300 Volt, 40 Amperes, Wire Connection With Wire Range 22-12 AWG.....	18.83	8.01
27 11 19 00-0115		Terminal Block Mounting Channel (27 11 19 00-0103)		
27 11 19 00-0116	EA	Terminal Block Mounting Channel, .5 M Galvanized Steel.....	18.11	5.72
27 11 19 00-0117	EA	Terminal Block Mounting Channel, 1 M Galvanized Steel.....	23.52	5.72
27 11 19 00-0118	EA	Terminal Block Mounting Channel, 2 M Galvanized Steel.....	33.03	5.72
27 11 19 00-0119	EA	Terminal Block Mounting Channel, .5 M Bi-Chrome Zinc.....	23.28	6.87
27 11 19 00-0120	EA	Terminal Block Mounting Channel, 1 M Bi-Chrome Zinc.....	32.28	6.87
27 11 19 00-0121	EA	Terminal Block Mounting Channel, 2 M Bi-Chrome Zinc.....	47.14	6.87

27 Communications
27 10 Structured Cabling
27 11 Communications Equipment Room Fittings

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

27 11 19 00-0122		Outlet Termination Hardware (27 11 19 00-0103)			
27 11 19 00-0123	EA	Telephone Outlet Blocks.....	35.56	5.72	
27 11 19 00-0124	EA	Phone Outlet Block For Floor Box.....	96.48	43.42	
		Note: Excludes box.			
27 11 19 00-0125	EA	Fiber Optic "SC" Type Modular Bulkhead.....	86.31	25.71	
27 11 19 00-0126	EA	Fiber Optic "ST" Type Modular Bulkhead.....	86.31	25.71	
27 11 19 00-0127	EA	Type "F" Coaxial Connector Male.....	50.27	17.14	
27 11 19 00-0128	EA	Modular Plate For 3-RJ-45, 4 - "SC" And 1 -"F" Connector.....	131.26	28.57	
27 11 19 00-0129	EA	Modular Plate For 3-RJ-45, 4 - "ST" And 1 -"F" Connector.....	131.26	28.57	
27 11 19 00-0130	EA	Access Floor Box With 3-RJ-45, 4 - "SC" And 1 -"F" Connector.....	158.88	28.57	
27 11 19 00-0131	EA	Access Floor Box With 3-RJ-45, 4 - "ST" And 1 -"F" Connector.....	158.88	28.57	
27 11 19 00-0132	EA	Access Floor Box With 2-RJ-45, 4 - "SC" And 1 -25 Pin Connector.....	144.35	28.57	
27 11 19 00-0133	EA	Terminal Type - Punch Down Block 110 Type - 300 Pair Category 5.....	1,262.48	142.82	
27 11 19 00-0134	EA	Wiring (Punch Down) Block with Stand-Off Legs, 100 Pair, Category V.....	61.24	11.43	
		Note: Excludes cable terminations.			
27 11 19 00-0135	EA	5-Pair, Connecting Block.....	3.64	1.14	
27 11 19 00-0136	EA	4-Pair, Connecting Block.....	3.95	1.14	
27 11 19 00-0137	EA	Plastic Label Holder, Transparent.....	14.73	2.86	
27 11 19 00-0138	EA	Marked Label, White, 5-Pair.....	3.96		
27 11 19 00-0139	EA	Marked Label, Blue, 4-Pair.....	3.96		

27 11 19 00-0140		Terminations in Manhole or Junction Box (27 11 19 00-0103)			
27 11 19 00-0141	EA	25 Pair Cable Termination In Manhole Or Junction Box.....	182.82		
27 11 19 00-0142	EA	50 Pair Cable Termination In Manhole Or Junction Box.....	365.65		
27 11 19 00-0143	EA	100 Pair Cable Termination In Manhole Or Junction Box.....	731.28		
27 11 19 00-0144	EA	150 Pair Cable Termination In Manhole Or Junction Box.....	1,096.93		
27 11 19 00-0145	EA	200 Pair Cable Termination In Manhole Or Junction Box.....	1,283.18		
27 11 19 00-0146	EA	300 Pair Cable Termination In Manhole Or Junction Box.....	1,924.20		
27 11 19 00-0147	EA	400 Pair Cable Termination In Manhole Or Junction Box.....	2,420.09		
27 11 19 00-0148	EA	500 Pair Cable Termination In Manhole Or Junction Box.....	3,025.69		
27 11 19 00-0149	EA	750 Pair Cable Termination In Manhole Or Junction Box.....	4,538.52		
27 11 19 00-0150	EA	1,000 Pair Cable Termination In Manhole Or Junction Box.....	5,504.03		
27 11 19 00-0151	EA	1,200 Pair Cable Termination In Manhole Or Junction Box.....	6,273.12		

27 11 23 Communications Cable Management and Ladder Rack (27 11)

27 11 23 00-0001		Equipment Supports (27 11 23)			
27 11 23 00-0002	EA	110 Jumper Trough (Commscope 107831133).....	33.44	5.71	
27 11 23 00-0003	LF	Velcro CMP.....	2.81	1.14	
27 11 23 00-0004	EA	12" x 5'-11" Tubular Runway.....	118.04	27.42	
27 11 23 00-0005	EA	12" x 9'-11" Tubular Runway.....	203.44	45.71	
27 11 23 00-0006	EA	Shelf Bracket Support For Tubular Runway.....	37.33	8.57	
27 11 23 00-0007	EA	Straight Clamp Hardware For Tubular Runway.....	15.60	5.71	
27 11 23 00-0008	EA	Corner Clamp Hardware For Tubular Runway.....	16.64	5.71	
27 11 23 00-0009	EA	90 Degree Edge Clamp Hardware For Tubular Runway.....	38.69	10.28	
27 11 23 00-0010	EA	Wall Angle Assembly Hardware For 12" Wide Tubular Runway.....	83.24	17.14	
27 11 23 00-0011	EA	J-Bolt Hardware For Tubular Runway.....	7.42	2.52	
27 11 23 00-0012	EA	T Bracket Hardware For Tubular Runway.....	42.26	14.28	

27 13 Communications Backbone Cabling (27 10)

27 13 13 Communications Copper Backbone Cabling (27 13)

27 13 13 13 Communications Copper Cable Splicing and Terminations (27 13 13)

27 13 13 13-0001		Modular Plugs For Copper Communications Cable (27 13 13 13)			
27 13 13 13-0002	EA	Modular Plug For Non-Shielded Copper Communications Cable.....	28.19		
		Note: Up to 8-position/8-contact non-shielded modular plug for solid or stranded wire. Includes termination.			
		For >5 To 10, Deduct	-3.42		
		For >10, Deduct	-6.84		
27 13 13 13-0003	EA	Modular Plug For Shielded Copper Communications Cable.....	32.18		
		Note: Up to 8-position/8-contact shielded modular plug for solid or stranded wire. Includes termination.			
		For >5 To 10, Deduct	-3.85		
		For >10, Deduct	-7.70		

27 13 13 13-0004		Communications Termination Blocks (27 13 13 13)			
27 13 13 13-0005	EA	100-Pair, 110 Block With Legs.....	58.54	14.28	
27 13 13 13-0006	EA	300-Pair, 110 Block With Legs.....	102.13	14.28	
27 13 13 13-0007	EA	Clear Label Holder For 110 Wiring Block.....	12.28	5.71	
27 13 13 13-0008	EA	4-Pair, 110C Connecting Block.....	7.03	2.86	
27 13 13 13-0009	EA	5-Pair, 110C Connecting Block.....	7.19	2.86	
27 13 13 13-0010	EA	100-Pair, 110 Jack Panel System.....	334.61	17.14	
		Note: Includes twelve 8-pin modular jacks and mounting legs.			
27 13 13 13-0011	EA	300-Pair, 110 Jack Panel System.....	609.84	17.14	
		Note: Includes twelve 8-pin modular jacks and mounting legs.			

27 13 13 13-0012		Testing And Certification Of Copper Communications Cable (27 13 13 13)			
		Note: Use for existing systems.			
27 13 13 13-0013	EA	Test 1-Pair Of A Copper Communications Cable For Continuity.....	5.71		
		For >25-Pair, Deduct	-2.28		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 13 13 13-0014	EA		Certify 1-Pair Of A Copper Communications Cable <i>For >25-Pair, Deduct</i>	8.57 -3.42	
27 13 13 13-0015	EA		Certify And Document 1-Pair Of A Copper Communications Cable <i>For >25-Pair, Deduct</i>	13.71 -5.47	
27 13 13 13-0016	EA		Test 4-Pair Category 5-7 Telecommunications Cable For Continuity <i>For >25-Pair, Deduct</i>	22.85 -9.12	
27 13 13 13-0017	EA		Certify 4-Pair Category 5-7 Telecommunications Cable <i>For >25-Pair, Deduct</i>	34.28 -13.68	
27 13 13 13-0018	EA		Certify And Document 4-Pair Category 5-7 Telecommunications Cable <i>For >25-Pair, Deduct</i>	54.85 -21.89	
27 13 13 13-0019			Building Entrance Terminals (27 13 13 13)		
27 13 13 13-0020	EA		25 Pair Gas Protective Unit Assembly Complete With Gas Protector.....	1,716.15	250.53
27 13 13 13-0021	EA		50 Pair Gas Protective Unit Assembly Complete With Gas Protector.....	2,364.29	417.55
27 13 13 13-0022	EA		100 Pair Gas Protective Unit Assembly Complete With Gas Protector.....	3,421.18	668.61

27 13 23 Communications Optical Fiber Backbone Cabling (27 13)

27 13 23 13 Communications Optical Fiber Splicing and Terminations (27 13 23)

27 13 23 13-0001 **Fiber Optic Cable Splice Closures** (27 13 23 13)
 Note: Includes mounting hardware. Excludes splicing and splice trays.

27 13 23 13-0002	EA		Up To 144-Fiber Capacity, Pedestal Fiber Optic Cable Splice Closure.....	939.22	114.27
27 13 23 13-0003	EA		Up To 144-Fiber Capacity, Underground Fiber Optic Cable Splice Closure.....	1,167.74	228.53
27 13 23 13-0004	EA		Up To 144-Fiber Capacity, Aerial Fiber Optic Cable Splice Closure.....	1,167.74	228.53
27 13 23 13-0005	EA		Up To 288-Fiber Capacity, Pedestal Fiber Optic Cable Splice Closure.....	1,582.27	114.27
27 13 23 13-0006	EA		Up To 288-Fiber Capacity, Underground Fiber Optic Cable Splice Closure.....	1,810.79	228.53
27 13 23 13-0007	EA		Up To 288-Fiber Capacity, Aerial Fiber Optic Cable Splice Closure.....	1,810.79	228.53
27 13 23 13-0008	EA		Splice Tray For Fiber Optic Cable Splice Closure.....	64.39	14.28

Note: Up to 12-fiber, mechanical or fusion splice tray. Excludes splice.

27 13 23 13-0009 **Fiber Optic Cable Splicing** (27 13 23 13)

27 13 23 13-0010	EA		Single Strand, Fusion Splice Of Fiber Optic Cable.....	34.28	
27 13 23 13-0011	EA		12-Strand Ribbon, Fusion Splice Of Fiber Optic Cable.....	114.27	

27 13 23 13-0012 **Fiber Optic Cable Testing** (27 13 23 13)
 Note: Price based on testing one wavelength.

27 13 23 13-0013 **Fiber Optic Cable Testing Using An OTDR** (27 13 23 13-0012)
 Note: Testing using an optical time domain reflectometer.

27 13 23 13-0014	EA		Test 1-Strand Of Fiber Optic Cable Using A Single Directional OTDR Test..... <i>For >12 To 48 Strands, Deduct</i> <i>For >48 Strands, Deduct</i>	22.85 -1.71 -2.29	
27 13 23 13-0015	EA		Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional OTDR Test..... <i>For >12 To 48 Strands, Deduct</i> <i>For >48 Strands, Deduct</i>	34.28 -2.57 -3.43	
27 13 23 13-0016	EA		Test 1-Strand Of Fiber Optic Cable Using A Single Directional OTDR Test With Documentation..... <i>For >12 To 48 Strands, Deduct</i> <i>For >48 Strands, Deduct</i>	57.13 -4.28 -5.71	
27 13 23 13-0017	EA		Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional OTDR Test With Documentation..... <i>For >12 To 48 Strands, Deduct</i> <i>For >48 Strands, Deduct</i>	85.70 -6.43 -8.57	

27 13 23 13-0018 **Fiber Optic Cable Testing Using A Power Meter** (27 13 23 13-0012)

27 13 23 13-0019	EA		Test 1-Strand Of Fiber Optic Cable Using A Single Directional Power Meter Test..... <i>For >12 To 48 Strands, Deduct</i> <i>For >48 Strands, Deduct</i>	22.85 -1.71 -2.29	
27 13 23 13-0020	EA		Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional Power Meter Test..... <i>For >12 To 48 Strands, Deduct</i> <i>For >48 Strands, Deduct</i>	34.28 -2.57 -3.43	

27 13 23 13-0021 **Fiber Optic Cable Light Source/Continuity Testing** (27 13 23 13-0012)

27 13 23 13-0022	EA		Test 1-Strand Of Fiber Optic Cable Using A Light Source/Continuity Test..... <i>For >12 To 48 Strands, Deduct</i> <i>For >48 Strands, Deduct</i>	22.85 -1.71 -2.29	
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27 13 23 13-0023 **Other Fiber Optic Cable Splicing** (27 13 23 13)

27 13 23 13-0024	EA		Fiber Optic Finger Splice.....	38.87	21.48
27 13 23 13-0025	EA		Fiber Optic Splice Box - Manholes.....	5,824.10	

27 13 23 13-0026 **Fiber Optic Cable Fan Out Kits** (27 13 23 13)

27 13 23 13-0027 **Buffer Tube Fan Out Kits For Fiber Optic Cable** (27 13 23 13-0026)

27 13 23 13-0028	EA		6-Fiber, Indoor Buffer Tube Fan Out Kit For Fiber Optic Cable.....	247.35	
27 13 23 13-0029	EA		12-Fiber, Indoor Buffer Tube Fan Out Kit For Fiber Optic Cable.....	250.94	
27 13 23 13-0030	EA		6-Fiber, Outdoor Buffer Tube Fan Out Kit For Fiber Optic Cable.....	281.30	
27 13 23 13-0031	EA		12-Fiber, Outdoor Buffer Tube Fan Out Kit For Fiber Optic Cable.....	304.06	

27 Communications**27 10 Structured Cabling****27 13 Communications Backbone Cabling**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

27 13 23 13-0032		Spider Fan Out Kits For Fiber Optic Cable <small>(27 13 23 13-0026)</small>		
		Note: For tight buffered or loose tube non-armored cables. Includes aramid yarn strength member, outer protective PVDF jacket and one meter fan out lengths.		
27 13 23 13-0033	EA	6-Fiber, Spider Fan Out Kit For Fiber Optic Cable.....	291.62	
27 13 23 13-0034	EA	12-Fiber, Spider Fan Out Kit For Fiber Optic Cable.....	315.75	
27 13 23 13-0035	EA	18-Fiber, Spider Fan Out Kit For Fiber Optic Cable.....	461.55	
27 13 23 13-0036	EA	24-Fiber, Spider Fan Out Kit For Fiber Optic Cable.....	599.93	

27 15 Communications Horizontal Cabling (27 10)**27 15 01 Communications Horizontal Cabling Applications** (27 15)**27 15 01 15 Access Control Communications Conductors and Cables** (27 15 01)

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable.

27 15 01 16 Voice Communications Horizontal Cabling (27 15 01)

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables.

27 15 01 19 Fire Alarm Communications Conductors and Cables (27 15 01)

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.

27 15 01 19-0001		Fire Alarm/Life Safety Cable <small>(27 15 01 19)</small>		
27 15 01 19-0002		Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable <small>(27 15 01 19-0001)</small>		
27 15 01 19-0003		Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit <small>(27 15 01 19-0002)</small>		
27 15 01 19-0004	MLF	1-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,870.10	777.45
27 15 01 19-0005	MLF	2-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,297.78	805.56
27 15 01 19-0006	MLF	1-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,132.46	883.71
27 15 01 19-0007	MLF	2-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,814.35	915.25
27 15 01 19-0008	MLF	1-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,450.19	989.29
27 15 01 19-0009	MLF	2-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	3,421.47	1,024.94
27 15 01 19-0010	MLF	1-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	3,139.90	1,131.21
27 15 01 19-0011	MLF	2-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	4,649.10	1,171.55
27 15 01 19-0012		Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed <small>(27 15 01 19-0002)</small>		
27 15 01 19-0013	MLF	1-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,165.85	1,555.13
27 15 01 19-0014	MLF	2-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,640.38	1,611.12
27 15 01 19-0015	MLF	1-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,605.33	1,767.65
27 15 01 19-0016	MLF	2-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	4,339.76	1,830.50
27 15 01 19-0017	MLF	1-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	4,099.00	1,979.04
27 15 01 19-0018	MLF	2-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	5,129.71	2,049.89
27 15 01 19-0019	MLF	1-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	5,025.24	2,262.41
27 15 01 19-0020	MLF	2-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	6,601.87	2,343.55
27 15 01 19-0021		Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit <small>(27 15 01 19-0001)</small>		
27 15 01 19-0022	MLF	2 Conductors, #22 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,185.30	636.22
27 15 01 19-0023	MLF	4 Conductors, #22 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,282.03	658.84
27 15 01 19-0024	MLF	2 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,441.95	777.45
27 15 01 19-0025	MLF	3 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,538.20	791.51
27 15 01 19-0026	MLF	4 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,596.55	805.56
27 15 01 19-0027	MLF	6 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,784.96	833.66

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	27 15 01 19-0028	MLF		8 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,055.40	861.77
	27 15 01 19-0029	MLF		2 Conductors, #16 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,682.49	883.71
	27 15 01 19-0030	MLF		4 Conductors, #16 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,892.84	915.25
	27 15 01 19-0031	MLF		2 Conductors, #14 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,949.27	989.29
	27 15 01 19-0032	MLF		4 Conductors, #14 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,277.96	1,024.94
	27 15 01 19-0033	MLF		2 Conductors, #12 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,379.57	1,131.21
	27 15 01 19-0034	MLF		4 Conductors, #12 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,909.80	1,171.55
	27 15 01 19-0035			Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable <small>(27 15 01 19-0001)</small>		
	27 15 01 19-0036			Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit <small>(27 15 01 19-0035)</small>		
	27 15 01 19-0037	MLF		2 Conductors, #22 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,175.47	636.22
	27 15 01 19-0038	MLF		2 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,435.56	777.45
	27 15 01 19-0039	MLF		3 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,599.94	791.51
	27 15 01 19-0040	MLF		4 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,613.64	805.56
	27 15 01 19-0041	MLF		6 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,874.18	833.66
	27 15 01 19-0042	MLF		2 Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,672.84	883.71
	27 15 01 19-0043	MLF		4 Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,914.50	915.25
	27 15 01 19-0044	MLF		2 Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,905.83	989.29
	27 15 01 19-0045	MLF		4 Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,450.63	1,024.94
	27 15 01 19-0046	MLF		2 Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,365.37	1,131.21
	27 15 01 19-0047	MLF		4 Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	3,171.92	1,171.55
	27 15 01 19-0048			Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed <small>(27 15 01 19-0035)</small>		
	27 15 01 19-0049	MLF		2 Conductors, #22 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,235.83	1,272.89
	27 15 01 19-0050	MLF		2 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,731.31	1,555.13
	27 15 01 19-0051	MLF		3 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,918.55	1,582.55
	27 15 01 19-0052	MLF		4 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,956.24	1,611.12
	27 15 01 19-0053	MLF		6 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,263.62	1,667.11
	27 15 01 19-0054	MLF		2 Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,145.71	1,767.65
	27 15 01 19-0055	MLF		4 Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,439.91	1,830.50
	27 15 01 19-0056	MLF		2 Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,554.64	1,979.04
	27 15 01 19-0057	MLF		4 Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	4,158.87	2,049.89
	27 15 01 19-0058	MLF		2 Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	4,250.71	2,262.41
	27 15 01 19-0059	MLF		4 Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	5,124.69	2,343.55
	27 15 01 19-0060			Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable <small>(27 15 01 19-0001)</small>		
	27 15 01 19-0061			Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit <small>(27 15 01 19-0060)</small>		
	27 15 01 19-0062	MLF		2 Conductors, #22 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,215.94	636.22
	27 15 01 19-0063	MLF		2 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,464.46	777.45
	27 15 01 19-0064	MLF		3 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,707.23	791.51
	27 15 01 19-0065	MLF		4 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,643.22	805.56
	27 15 01 19-0066	MLF		6 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,904.43	833.66

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

27 15 01 19-0067	MLF	2 Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,739.27	883.71
27 15 01 19-0068	MLF	4 Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,945.22	915.25
27 15 01 19-0069	MLF	2 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,049.10	989.29
27 15 01 19-0070	MLF	4 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,378.79	1,024.94
27 15 01 19-0071	MLF	2 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,471.39	1,131.21
27 15 01 19-0072	MLF	4 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,953.81	1,171.55
27 15 01 19-0073 Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed (27 15 01 19-0060)				
27 15 01 19-0074	MLF	2 Conductors, #22 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,276.30	1,272.89
27 15 01 19-0075	MLF	2 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,760.21	1,555.13
27 15 01 19-0076	MLF	3 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,025.84	1,582.55
27 15 01 19-0077	MLF	4 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,985.82	1,611.12
27 15 01 19-0078	MLF	6 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,293.87	1,667.11
27 15 01 19-0079	MLF	2 Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,212.14	1,767.65
27 15 01 19-0080	MLF	4 Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,470.63	1,830.50
27 15 01 19-0081	MLF	2 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,697.91	1,979.04
27 15 01 19-0082	MLF	4 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,087.03	2,049.89
27 15 01 19-0083	MLF	2 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,356.73	2,262.41
27 15 01 19-0084	MLF	4 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,906.58	2,343.55
27 15 01 19-0085 Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable (27 15 01 19-0001)				
27 15 01 19-0086 Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit (27 15 01 19-0085)				
27 15 01 19-0087	MLF	2 Conductors, #22 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,190.72	636.22
27 15 01 19-0088	MLF	2 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,501.89	777.45
27 15 01 19-0089	MLF	3 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,627.30	791.51
27 15 01 19-0090	MLF	4 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,732.54	805.56
27 15 01 19-0091	MLF	6 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,963.19	833.66
27 15 01 19-0092	MLF	2 Conductors, #16 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,734.27	883.71
27 15 01 19-0093	MLF	4 Conductors, #16 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,050.46	915.25
27 15 01 19-0094	MLF	2 Conductors, #14 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,036.76	989.29
27 15 01 19-0095	MLF	4 Conductors, #14 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,607.66	1,024.94
27 15 01 19-0096	MLF	2 Conductors, #12 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,457.08	1,131.21
27 15 01 19-0097 Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed (27 15 01 19-0085)				
27 15 01 19-0098	MLF	2 Conductors, #22 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,251.08	1,272.89
27 15 01 19-0099	MLF	2 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,797.64	1,555.13
27 15 01 19-0100	MLF	3 Conductors, #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,945.91	1,582.55
27 15 01 19-0101	MLF	4 Conductors, #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,075.14	1,611.12
27 15 01 19-0102	MLF	6 Conductors, #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,352.63	1,667.11
27 15 01 19-0103	MLF	2 Conductors, #16 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,207.14	1,767.65
27 15 01 19-0104	MLF	4 Conductors, #16 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,575.87	1,830.50
27 15 01 19-0105	MLF	2 Conductors, #14 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,685.57	1,979.04
27 15 01 19-0106	MLF	4 Conductors, #14 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,315.90	2,049.89

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 15 01 19-0107	MLF 2 Conductors, #12 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,342.42	2,262.41
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27 15 13 Communications Copper Horizontal Cabling (27 15)

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.

27 15 13 00-0001	Copper Telecommunications Cable (27 15 13)		
27 15 13 00-0002	Indoor Telecommunications Cable (27 15 13 00-0001) Note: Shielded twisted pair cables (STP) includes a metallic foil wrap. Un-shielded twisted pair cables (UTP) excludes any shielding.		
27 15 13 00-0003	Category 3, Indoor Telecommunications Cable (27 15 13 00-0002) Note: Un-shielded twisted pair cables (UTP).		
27 15 13 00-0004	Category 3, Indoor Telecommunications Riser Cable (27 15 13 00-0003)		
27 15 13 00-0005	24 AWG, Category 3, Indoor Telecommunications Riser Cable (27 15 13 00-0004)		
27 15 13 00-0006	24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit (27 15 13 00-0005)		
27 15 13 00-0007	MLF 2-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	902.87	479.91
27 15 13 00-0008	MLF 3-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	946.84	479.91
27 15 13 00-0009	MLF 4-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	962.38	479.91
27 15 13 00-0010	MLF 6-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	1,164.12	548.47
27 15 13 00-0011	MLF 12-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	1,487.78	548.47
27 15 13 00-0012	MLF 25-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	2,001.69	548.47
27 15 13 00-0013	MLF 50-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	3,201.89	685.58
27 15 13 00-0014	MLF 100-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	5,798.54	1,096.93
27 15 13 00-0015	MLF 150-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	7,865.22	1,234.04
27 15 13 00-0016	MLF 200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	10,464.94	1,371.17
27 15 13 00-0017	MLF 300-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	15,311.13	1,919.63
27 15 13 00-0018	MLF 400-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	20,076.22	2,372.11
27 15 13 00-0019	MLF 600-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	31,838.64	3,290.79
27 15 13 00-0020	MLF 900-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	51,646.07	6,581.58
27 15 13 00-0021	MLF 1,200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	70,164.41	9,872.37
27 15 13 00-0022	24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed (27 15 13 00-0005)		
27 15 13 00-0023	MLF 2-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,702.71	959.81
	<i>For Work In Restricted Working Space, Add</i>	479.91	
27 15 13 00-0024	MLF 3-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,746.68	959.81
	<i>For Work In Restricted Working Space, Add</i>	479.91	
27 15 13 00-0025	MLF 4-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,762.22	959.81
	<i>For Work In Restricted Working Space, Add</i>	479.91	
27 15 13 00-0026	MLF 6-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,849.71	959.81
	<i>For Work In Restricted Working Space, Add</i>	479.91	
27 15 13 00-0027	MLF 12-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	2,173.37	959.81
	<i>For Work In Restricted Working Space, Add</i>	479.91	
27 15 13 00-0028	MLF 25-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	2,915.81	1,096.93
	<i>For Work In Restricted Working Space, Add</i>	548.47	
27 15 13 00-0029	MLF 50-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	4,344.52	1,371.17
	<i>For Work In Restricted Working Space, Add</i>	685.58	
27 15 13 00-0030	MLF 100-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	6,712.64	1,645.40
	<i>For Work In Restricted Working Space, Add</i>	822.70	
27 15 13 00-0031	MLF 150-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	8,893.59	1,851.07
	<i>For Work In Restricted Working Space, Add</i>	925.53	
27 15 13 00-0032	MLF 200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	11,607.58	2,056.74
	<i>For Work In Restricted Working Space, Add</i>	1,028.37	
27 15 13 00-0033	MLF 300-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	16,910.82	2,879.44
	<i>For Work In Restricted Working Space, Add</i>	1,439.72	
27 15 13 00-0034	MLF 400-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	22,064.40	3,565.02
	<i>For Work In Restricted Working Space, Add</i>	1,782.51	
27 15 13 00-0035	MLF 600-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	34,580.96	4,936.18
	<i>For Work In Restricted Working Space, Add</i>	2,468.09	
27 15 13 00-0036	MLF 900-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	57,130.72	9,872.37
	<i>For Work In Restricted Working Space, Add</i>	4,936.19	
27 15 13 00-0037	MLF 1,200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	78,391.39	14,808.55
	<i>For Work In Restricted Working Space, Add</i>	7,404.28	
27 15 13 00-0038	22 AWG, Category 3, Indoor Telecommunications Riser Cable (27 15 13 00-0004)		
27 15 13 00-0039	22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit (27 15 13 00-0038)		
27 15 13 00-0040	MLF 25-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	3,281.72	548.47
27 15 13 00-0041	MLF 50-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	4,900.93	685.58
27 15 13 00-0042	MLF 100-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	8,965.73	1,096.93
27 15 13 00-0043	MLF 200-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	15,981.57	1,371.17
27 15 13 00-0044	MLF 300-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	23,515.18	1,919.63
27 15 13 00-0045	MLF 400-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	30,642.85	2,372.11
27 15 13 00-0046	MLF 600-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	45,455.32	3,290.79

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0047			22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed <small>(27 15 13 00-0038)</small>		
27 15 13 00-0048	MLF		25-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	4,195.84	1,096.93
			<i>For Work In Restricted Working Space, Add</i>	548.47	
27 15 13 00-0049	MLF		50-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	6,043.56	1,371.17
			<i>For Work In Restricted Working Space, Add</i>	685.58	
27 15 13 00-0050	MLF		100-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	9,879.83	1,645.40
			<i>For Work In Restricted Working Space, Add</i>	822.70	
27 15 13 00-0051	MLF		200-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	17,124.21	2,056.74
			<i>For Work In Restricted Working Space, Add</i>	1,028.37	
27 15 13 00-0052	MLF		300-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	25,114.87	2,879.44
			<i>For Work In Restricted Working Space, Add</i>	1,439.72	
27 15 13 00-0053	MLF		400-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	32,631.03	3,565.02
			<i>For Work In Restricted Working Space, Add</i>	1,782.51	
27 15 13 00-0054	MLF		600-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	48,197.64	4,936.18
			<i>For Work In Restricted Working Space, Add</i>	2,468.09	
27 15 13 00-0055			Category 3, Indoor Telecommunications Plenum Cable <small>(27 15 13 00-0003)</small>		
27 15 13 00-0056			24 AWG, Category 3, Indoor Telecommunications Plenum Cable <small>(27 15 13 00-0055)</small>		
27 15 13 00-0057			24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit <small>(27 15 13 00-0056)</small>		
27 15 13 00-0058	MLF		2-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit.....	938.43	479.91
27 15 13 00-0059	MLF		3-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit.....	982.22	479.91
27 15 13 00-0060	MLF		4-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit.....	1,014.97	479.91
27 15 13 00-0061	MLF		6-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit.....	1,223.17	548.47
27 15 13 00-0062	MLF		12-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit.....	1,575.98	548.47
27 15 13 00-0063	MLF		25-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit.....	2,532.34	548.47
27 15 13 00-0064	MLF		50-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit.....	4,282.24	685.58
27 15 13 00-0065	MLF		100-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit.....	8,062.16	1,096.93
27 15 13 00-0066	MLF		200-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit.....	14,012.18	1,371.17
27 15 13 00-0067	MLF		300-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit.....	21,012.05	1,919.63
27 15 13 00-0068			24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed <small>(27 15 13 00-0056)</small>		
27 15 13 00-0069	MLF		2-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	1,738.27	959.81
			<i>For Work In Restricted Working Space, Add</i>	479.91	
27 15 13 00-0070	MLF		3-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	1,782.06	959.81
			<i>For Work In Restricted Working Space, Add</i>	479.91	
27 15 13 00-0071	MLF		4-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	1,814.81	959.81
			<i>For Work In Restricted Working Space, Add</i>	479.91	
27 15 13 00-0072	MLF		6-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	1,908.76	959.81
			<i>For Work In Restricted Working Space, Add</i>	479.91	
27 15 13 00-0073	MLF		12-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	2,261.57	959.81
			<i>For Work In Restricted Working Space, Add</i>	479.91	
27 15 13 00-0074	MLF		25-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	3,446.46	1,096.93
			<i>For Work In Restricted Working Space, Add</i>	548.47	
27 15 13 00-0075	MLF		50-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	5,424.87	1,371.17
			<i>For Work In Restricted Working Space, Add</i>	685.58	
27 15 13 00-0076	MLF		100-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	8,976.26	1,645.40
			<i>For Work In Restricted Working Space, Add</i>	822.70	
27 15 13 00-0077	MLF		200-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	15,154.82	2,056.74
			<i>For Work In Restricted Working Space, Add</i>	1,028.37	
27 15 13 00-0078	MLF		300-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	22,611.74	2,879.44
			<i>For Work In Restricted Working Space, Add</i>	1,439.72	
27 15 13 00-0079			Category 5E, Indoor Telecommunications Cable <small>(27 15 13 00-0002)</small>		
27 15 13 00-0080			Category 5E, Indoor Telecommunications Riser Cable <small>(27 15 13 00-0079)</small>		
27 15 13 00-0081			Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit <small>(27 15 13 00-0080)</small>		
27 15 13 00-0082	MLF		4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit.....	985.74	479.91
27 15 13 00-0083	MLF		4-Pair Stranded UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit.....	1,029.28	479.91
27 15 13 00-0084	MLF		4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit.....	1,144.36	548.47
27 15 13 00-0085	MLF		4-Pair Stranded STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit.....	1,187.89	548.47
27 15 13 00-0086			Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed <small>(27 15 13 00-0080)</small>		
27 15 13 00-0087	MLF		4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,785.58	959.81
			<i>For Work In Restricted Working Space, Add</i>	479.91	
27 15 13 00-0088	MLF		4-Pair Stranded UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,829.12	959.81
			<i>For Work In Restricted Working Space, Add</i>	479.91	
27 15 13 00-0089	MLF		4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed.....	2,058.48	1,096.93
			<i>For Work In Restricted Working Space, Add</i>	548.47	
27 15 13 00-0090	MLF		4-Pair Stranded STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed.....	2,102.01	1,096.93
			<i>For Work In Restricted Working Space, Add</i>	548.47	
27 15 13 00-0091			Category 5E, Indoor Telecommunications Plenum Cable <small>(27 15 13 00-0079)</small>		

		Communications	27
		Structured Cabling	27 10
		Communications Horizontal Cabling	27 15
MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST	27

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0092 Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit <small>(27 15 13 00-0091)</small>		
27 15 13 00-0093 MLF 4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit.....	1,145.86	479.91
27 15 13 00-0094 MLF 4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit.....	1,600.32	548.47
27 15 13 00-0095 Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed <small>(27 15 13 00-0091)</small>		
27 15 13 00-0096 MLF 4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	1,945.70 <i>479.91</i>	959.81
27 15 13 00-0097 MLF 4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,514.44 <i>548.47</i>	1,096.93
27 15 13 00-0098 Category 6, Indoor Telecommunications Cable <small>(27 15 13 00-0002)</small>		
27 15 13 00-0099 Category 6, Indoor Telecommunications Riser Cable <small>(27 15 13 00-0098)</small>		
27 15 13 00-0100 Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit <small>(27 15 13 00-0099)</small>		
27 15 13 00-0101 MLF 4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit.....	1,313.58	479.91
27 15 13 00-0102 MLF 4-Pair Stranded UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit	1,371.02	479.91
27 15 13 00-0103 Category 6, Indoor Telecommunications Riser Cable, Installed Exposed <small>(27 15 13 00-0099)</small>		
27 15 13 00-0104 MLF 4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,113.42 <i>479.91</i>	959.81
27 15 13 00-0105 MLF 4-Pair Stranded UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	2,170.86 <i>479.91</i>	959.81
27 15 13 00-0106 Category 6, Indoor Telecommunications Plenum Cable <small>(27 15 13 00-0098)</small>		
27 15 13 00-0107 Category 6, Indoor Telecommunications Plenum Cable, Installed In Conduit <small>(27 15 13 00-0106)</small>		
27 15 13 00-0108 MLF 4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,639.95	479.91
27 15 13 00-0109 Category 6, Indoor Telecommunications Plenum Cable, Installed Exposed <small>(27 15 13 00-0106)</small>		
27 15 13 00-0110 MLF 4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Plenum Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	2,439.79 <i>479.91</i>	959.81
27 15 13 00-0111 Category 6a, Indoor Telecommunications Cable <small>(27 15 13 00-0002)</small>		
27 15 13 00-0112 Category 6a, Indoor Telecommunications Riser Cable <small>(27 15 13 00-0111)</small>		
27 15 13 00-0113 Category 6a Indoor Telecommunications Riser Cable, Installed In Conduit <small>(27 15 13 00-0112)</small>		
27 15 13 00-0114 MLF 4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Riser Cable, Installed In Conduit.....	1,405.37	479.91
27 15 13 00-0115 Category 6a, Indoor Telecommunications Riser Cable, Installed Exposed <small>(27 15 13 00-0112)</small>		
27 15 13 00-0116 MLF 4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Riser Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	2,205.21 <i>479.91</i>	959.81
27 15 13 00-0117 Category 6a, Indoor Telecommunications Plenum Cable <small>(27 15 13 00-0111)</small>		
27 15 13 00-0118 Category 6a, Indoor Telecommunications Plenum Cable, Installed In Conduit <small>(27 15 13 00-0117)</small>		
27 15 13 00-0119 MLF 4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Plenum Cable, Installed In Conduit.....	1,858.30	479.91
27 15 13 00-0120 Category 6a, Indoor Telecommunications Plenum Cable, Installed Exposed <small>(27 15 13 00-0117)</small>		
27 15 13 00-0121 MLF 4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Plenum Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,658.14 <i>479.91</i>	959.81
27 15 13 00-0122 Category 7, Indoor Telecommunications Cable <small>(27 15 13 00-0002)</small>		
27 15 13 00-0123 Category 7, Indoor Telecommunications Cable, Installed In Conduit <small>(27 15 13 00-0122)</small>		
27 15 13 00-0124 MLF 4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Riser Cable, Installed In Conduit	3,248.39	548.47
27 15 13 00-0125 MLF 4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Plenum Cable, Installed In Conduit	5,494.11	548.47
27 15 13 00-0126 Category 7, Indoor Telecommunications Cable, Installed Exposed <small>(27 15 13 00-0122)</small>		
27 15 13 00-0127 MLF 4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Riser Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	4,162.51 <i>548.47</i>	1,096.93
27 15 13 00-0128 MLF 4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Plenum Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	6,408.23 <i>548.47</i>	1,096.93

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
27 15 13 00-0129	Outdoor Telecommunications Cable <small>(27 15 13 00-0001)</small> Note: Cable buried in trench excludes excavation.		
27 15 13 00-0130	PE-89 Outdoor Telecommunications Cable <small>(27 15 13 00-0129)</small> Note: Includes foam-skin polyolefin insulated conductors.		
27 15 13 00-0131	24 AWG, PE-89 Outdoor Telecommunications Cable <small>(27 15 13 00-0130)</small>		
27 15 13 00-0132	24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit <small>(27 15 13 00-0131)</small>		
27 15 13 00-0133	MLF 6-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	1,743.58	548.47
27 15 13 00-0134	MLF 12-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,094.43	959.81
27 15 13 00-0135	MLF 25-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,964.48	617.03
27 15 13 00-0136	MLF 50-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	4,518.58	685.58
27 15 13 00-0137	MLF 75-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	6,406.72	959.81
27 15 13 00-0138	MLF 100-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	8,069.68	1,096.93
27 15 13 00-0139	MLF 200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	13,900.32	1,234.04
27 15 13 00-0140	MLF 300-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	20,436.11	1,782.51
27 15 13 00-0141	MLF 400-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	27,080.92	2,330.98
27 15 13 00-0142	MLF 600-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	36,779.36	3,153.67
27 15 13 00-0143	MLF 900-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	57,993.52	6,307.35
27 15 13 00-0144	MLF 1,200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	79,219.04	9,323.90
27 15 13 00-0145	24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench <small>(27 15 13 00-0131)</small>		
27 15 13 00-0146	MLF 6-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,572.19	
27 15 13 00-0147	MLF 12-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,923.04	
27 15 13 00-0148	MLF 25-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	2,735.96	
27 15 13 00-0149	MLF 50-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	4,290.04	
27 15 13 00-0150	MLF 75-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	6,063.93	
27 15 13 00-0151	MLF 100-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	7,498.36	
27 15 13 00-0152	MLF 200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	13,671.80	
27 15 13 00-0153	MLF 300-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	19,750.52	
27 15 13 00-0154	MLF 400-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	25,652.63	
27 15 13 00-0155	MLF 600-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	34,265.56	
27 15 13 00-0156	MLF 900-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	51,137.70	
27 15 13 00-0157	MLF 1,200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	69,163.85	
27 15 13 00-0158	22 AWG, PE-89 Outdoor Telecommunications Cable <small>(27 15 13 00-0130)</small>		
27 15 13 00-0159	22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit <small>(27 15 13 00-0158)</small>		
27 15 13 00-0160	MLF 6-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	1,966.63	548.47
27 15 13 00-0161	MLF 12-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,511.14	548.47
27 15 13 00-0162	MLF 25-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	3,817.46	617.03
27 15 13 00-0163	MLF 50-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	6,036.78	685.58
27 15 13 00-0164	MLF 75-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	8,779.25	959.81
27 15 13 00-0165	MLF 100-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	11,295.07	1,096.93
27 15 13 00-0166	MLF 200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	20,122.55	1,234.04
27 15 13 00-0167	MLF 300-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	29,310.27	1,782.51
27 15 13 00-0168	MLF 400-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	39,044.05	2,330.98
27 15 13 00-0169	MLF 600-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	57,670.76	3,153.67
27 15 13 00-0170	MLF 900-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	84,377.63	6,307.35
27 15 13 00-0171	MLF 1,200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	118,692.09	9,323.90
27 15 13 00-0172	22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench <small>(27 15 13 00-0158)</small>		
27 15 13 00-0173	MLF 6-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,795.24	
27 15 13 00-0174	MLF 12-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	2,339.75	
27 15 13 00-0175	MLF 25-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	3,588.94	
27 15 13 00-0176	MLF 50-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	5,808.24	
27 15 13 00-0177	MLF 75-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	8,436.46	
27 15 13 00-0178	MLF 100-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	10,952.27	
27 15 13 00-0179	MLF 200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	19,894.03	
27 15 13 00-0180	MLF 300-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	28,624.68	
27 15 13 00-0181	MLF 400-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	37,615.76	
27 15 13 00-0182	MLF 600-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	55,156.96	
27 15 13 00-0183	MLF 900-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	77,521.81	
27 15 13 00-0184	MLF 1,200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	108,636.90	
27 15 13 00-0185	19 AWG, PE-89 Outdoor Telecommunications Cable <small>(27 15 13 00-0130)</small>		
27 15 13 00-0186	19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit <small>(27 15 13 00-0185)</small>		
27 15 13 00-0187	MLF 25-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	6,447.01	617.03
27 15 13 00-0188	MLF 50-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	11,176.70	685.58
27 15 13 00-0189	MLF 75-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	17,922.23	959.81
27 15 13 00-0190	MLF 100-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	21,475.78	1,096.93
27 15 13 00-0191	19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench <small>(27 15 13 00-0185)</small>		
27 15 13 00-0192	MLF 25-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	6,218.49	
27 15 13 00-0193	MLF 50-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	10,948.16	
27 15 13 00-0194	MLF 75-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	17,579.44	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 15 13 00-0196	PE-39 Outdoor Telecommunications Cable <small>(27 15 13 00-0129)</small> Note: Includes solid polyolefin insulated conductors.		
27 15 13 00-0197	24 AWG, PE-39 Outdoor Telecommunications Cable <small>(27 15 13 00-0196)</small>		
27 15 13 00-0198	24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit <small>(27 15 13 00-0197)</small>		
27 15 13 00-0199	MLF 6-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,460.53	959.81
27 15 13 00-0200	MLF 12-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,889.76	959.81
27 15 13 00-0201	MLF 25-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	3,755.70	959.81
27 15 13 00-0202	MLF 50-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	5,315.08	959.81
27 15 13 00-0203	MLF 100-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	8,477.75	959.81
27 15 13 00-0204	MLF 200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	15,356.21	1,234.04
27 15 13 00-0205	MLF 300-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	22,422.02	1,782.51
27 15 13 00-0206	MLF 400-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	29,500.73	2,330.98
27 15 13 00-0207	MLF 600-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	40,312.47	3,153.67
27 15 13 00-0208	MLF 900-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	62,562.71	6,307.35
27 15 13 00-0209	MLF 1,200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	91,069.65	9,323.90
27 15 13 00-0210	24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench <small>(27 15 13 00-0197)</small>		
27 15 13 00-0211	MLF 6-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	2,117.74	
27 15 13 00-0212	MLF 12-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	2,546.97	
27 15 13 00-0213	MLF 25-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	3,412.91	
27 15 13 00-0214	MLF 50-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	4,972.29	
27 15 13 00-0215	MLF 100-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	8,134.96	
27 15 13 00-0216	MLF 200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	15,127.69	
27 15 13 00-0217	MLF 300-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	21,736.43	
27 15 13 00-0218	MLF 400-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	28,072.44	
27 15 13 00-0219	MLF 600-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	37,798.67	
27 15 13 00-0220	MLF 900-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	55,706.89	
27 15 13 00-0221	MLF 1,200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	81,014.46	
27 15 13 00-0222	22 AWG, PE-39 Outdoor Telecommunications Cable <small>(27 15 13 00-0196)</small>		
27 15 13 00-0223	22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit <small>(27 15 13 00-0222)</small>		
27 15 13 00-0224	MLF 6-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,708.68	959.81
27 15 13 00-0225	MLF 12-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	3,339.40	959.81
27 15 13 00-0226	MLF 25-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	4,681.62	959.81
27 15 13 00-0227	MLF 50-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	7,150.82	959.81
27 15 13 00-0228	MLF 100-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	12,303.70	959.81
27 15 13 00-0229	MLF 200-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	22,719.17	1,234.04
27 15 13 00-0230	MLF 300-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	33,290.66	1,782.51
27 15 13 00-0231	MLF 400-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	42,646.14	2,330.98
27 15 13 00-0232	MLF 600-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	59,573.52	3,153.67
27 15 13 00-0233	MLF 900-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	93,750.81	6,307.35
27 15 13 00-0234	22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench <small>(27 15 13 00-0222)</small>		
27 15 13 00-0235	MLF 6-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	2,365.89	
27 15 13 00-0236	MLF 12-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	2,996.61	
27 15 13 00-0237	MLF 25-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	4,338.83	
27 15 13 00-0238	MLF 50-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	6,808.03	
27 15 13 00-0239	MLF 100-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	11,960.91	
27 15 13 00-0240	MLF 200-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	22,490.65	
27 15 13 00-0241	MLF 300-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	32,605.07	
27 15 13 00-0242	MLF 400-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	41,217.85	
27 15 13 00-0243	MLF 600-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	57,059.72	
27 15 13 00-0244	MLF 900-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	86,894.99	
27 15 13 00-0245	19 AWG, PE-39 Outdoor Telecommunications Cable <small>(27 15 13 00-0196)</small>		
27 15 13 00-0246	19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit <small>(27 15 13 00-0245)</small>		
27 15 13 00-0247	MLF 25-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	7,654.94	959.81
27 15 13 00-0248	MLF 50-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	12,662.79	959.81
27 15 13 00-0249	MLF 100-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	23,047.32	959.81
27 15 13 00-0250	19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench <small>(27 15 13 00-0245)</small>		
27 15 13 00-0251	MLF 25-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	7,312.15	
27 15 13 00-0252	MLF 50-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	12,320.00	
27 15 13 00-0253	MLF 100-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	22,704.53	
27 15 13 00-0254	(Aerial) Outdoor Telecommunications Cable <small>(27 15 13 00-0129)</small> Note: Includes support wire.		
27 15 13 00-0255	24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles <small>(27 15 13 00-0254)</small>		
27 15 13 00-0256	MLF 6-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	7,223.21	1,947.30

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0257	MLF		12-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	7,580.35	1,947.30
27 15 13 00-0258	MLF		25-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	8,467.04	1,947.30
27 15 13 00-0259	MLF		50-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	10,108.74	1,947.30
27 15 13 00-0260	MLF		100-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	13,279.65	1,947.30
27 15 13 00-0261	MLF		200-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	20,036.01	2,142.03
27 15 13 00-0262	MLF		300-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	26,831.59	2,336.76
27 15 13 00-0263			22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles (27		
			<small>15 13 00-0254)</small>		
27 15 13 00-0264	MLF		6-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	7,650.49	1,947.30
27 15 13 00-0265	MLF		12-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	8,178.13	1,947.30
27 15 13 00-0266	MLF		25-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	9,449.02	1,947.30
27 15 13 00-0267	MLF		50-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	11,959.76	1,947.30
27 15 13 00-0268	MLF		100-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	17,567.60	1,947.30
27 15 13 00-0269	MLF		200-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	27,679.50	2,142.03
27 15 13 00-0270			19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles (27		
			<small>15 13 00-0254)</small>		
27 15 13 00-0271	MLF		6-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	8,215.38	1,947.30
27 15 13 00-0272	MLF		12-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	9,408.63	1,947.30
27 15 13 00-0273	MLF		25-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	11,754.74	1,947.30
27 15 13 00-0274	MLF		50-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	16,447.01	1,947.30
27 15 13 00-0275	MLF		100-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	25,957.61	1,947.30
27 15 13 00-0276			Solid Conductor Low Voltage Cable (27 15 13)		
27 15 13 00-0277			Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And		
			Communications Cable, Installed In Conduit (27 15 13 00-0276)		
27 15 13 00-0278			#12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And		
			Communications Cable, Installed In Conduit (27 15 13 00-0277)		
27 15 13 00-0279	MLF		1 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,207.06	1,033.44
			<i>For #10 AWG, Add</i>	504.40	
			<i>For Work In Restricted Working Space, Add</i>	516.77	
27 15 13 00-0280	MLF		2 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,677.91	1,069.98
			<i>For #10 AWG, Add</i>	651.81	
			<i>For Work In Restricted Working Space, Add</i>	535.15	
27 15 13 00-0281	MLF		3 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,091.04	1,107.56
			<i>For #10 AWG, Add</i>	780.14	
			<i>For Work In Restricted Working Space, Add</i>	553.62	
27 15 13 00-0282	MLF		4 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,528.45	1,145.14
			<i>For #10 AWG, Add</i>	916.20	
			<i>For Work In Restricted Working Space, Add</i>	572.75	
27 15 13 00-0283	MLF		5 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,008.76	1,222.39
			<i>For #10 AWG, Add</i>	1,057.96	
			<i>For Work In Restricted Working Space, Add</i>	611.38	
27 15 13 00-0284	MLF		6 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,447.47	1,298.60
			<i>For #10 AWG, Add</i>	1,186.23	
			<i>For Work In Restricted Working Space, Add</i>	649.47	
27 15 13 00-0285	MLF		8 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,825.05	1,453.09
			<i>For #10 AWG, Add</i>	1,277.49	
			<i>For Work In Restricted Working Space, Add</i>	726.41	
27 15 13 00-0286	MLF		12 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,396.86	1,915.53
			<i>For #10 AWG, Add</i>	1,696.01	
			<i>For Work In Restricted Working Space, Add</i>	957.58	
27 15 13 00-0287	MLF		24 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	9,521.05	2,828.94
			<i>For #10 AWG, Add</i>	2,529.17	
			<i>For Work In Restricted Working Space, Add</i>	1,414.10	
27 15 13 00-0288			#14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And		
			Communications Cable, Installed In Conduit (27 15 13 00-0277)		
27 15 13 00-0289	MLF		1 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,969.26	904.01
			<i>For Work In Restricted Working Space, Add</i>	451.90	
27 15 13 00-0290	MLF		2 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,414.87	936.36
			<i>For Work In Restricted Working Space, Add</i>	468.18	
27 15 13 00-0291	MLF		3 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,805.06	968.73
			<i>For Work In Restricted Working Space, Add</i>	484.47	
27 15 13 00-0292	MLF		4 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,217.41	1,002.13
			<i>For Work In Restricted Working Space, Add</i>	501.07	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 15 13 00-0293	MLF			5 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,666.04	1,069.98
				<i>For Work In Restricted Working Space, Add</i>	534.89	
27 15 13 00-0294	MLF			6 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,074.54	1,136.79
				<i>For Work In Restricted Working Space, Add</i>	568.08	
27 15 13 00-0295	MLF			8 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,415.73	1,271.46
				<i>For Work In Restricted Working Space, Add</i>	635.73	
27 15 13 00-0296	MLF			12 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,854.58	1,675.44
				<i>For Work In Restricted Working Space, Add</i>	837.72	
27 15 13 00-0297	MLF			24 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	8,718.73	2,475.06
				<i>For Work In Restricted Working Space, Add</i>	1,237.63	
27 15 13 00-0298 #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit (27 15 13 00-0277)						
27 15 13 00-0299	MLF			1 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,753.21	806.92
				<i>For Work In Restricted Working Space, Add</i>	403.67	
27 15 13 00-0300	MLF			2 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,047.72	836.15
				<i>For Work In Restricted Working Space, Add</i>	418.07	
27 15 13 00-0301	MLF			3 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,489.65	865.38
				<i>For Work In Restricted Working Space, Add</i>	432.48	
27 15 13 00-0302	MLF			4 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,854.18	894.61
				<i>For Work In Restricted Working Space, Add</i>	447.52	
27 15 13 00-0303	MLF			5 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,250.17	955.15
				<i>For Work In Restricted Working Space, Add</i>	477.58	
27 15 13 00-0304	MLF			6 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,611.63	1,014.66
				<i>For Work In Restricted Working Space, Add</i>	507.33	
27 15 13 00-0305	MLF			7 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,762.79	1,075.21
				<i>For Work In Restricted Working Space, Add</i>	537.39	
27 15 13 00-0306	MLF			8 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,914.99	1,135.75
				<i>For Work In Restricted Working Space, Add</i>	567.77	
27 15 13 00-0307	MLF			9 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,372.12	1,207.77
				<i>For Work In Restricted Working Space, Add</i>	603.79	
27 15 13 00-0308	MLF			12 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,189.89	1,495.89
				<i>For Work In Restricted Working Space, Add</i>	748.00	
27 15 13 00-0309	MLF			24 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	7,728.21	2,209.91
				<i>For Work In Restricted Working Space, Add</i>	1,105.01	
27 15 13 00-0310 #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit (27 15 13 00-0277)						
27 15 13 00-0311	MLF			1 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,471.61	710.89
				<i>For Work In Restricted Working Space, Add</i>	355.13	
27 15 13 00-0312	MLF			2 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,757.72	735.94
				<i>For Work In Restricted Working Space, Add</i>	367.97	
27 15 13 00-0313	MLF			3 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,009.39	760.99
				<i>For Work In Restricted Working Space, Add</i>	380.81	
27 15 13 00-0314	MLF			4 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,274.19	787.09
				<i>For Work In Restricted Working Space, Add</i>	393.65	
27 15 13 00-0315	MLF			5 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,571.76	840.33
				<i>For Work In Restricted Working Space, Add</i>	420.27	
27 15 13 00-0316	MLF			6 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,844.66	892.52
				<i>For Work In Restricted Working Space, Add</i>	446.58	
27 15 13 00-0317	MLF			8 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,093.03	999.00
				<i>For Work In Restricted Working Space, Add</i>	499.50	
27 15 13 00-0318	MLF			12 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,098.27	1,316.35
				<i>For Work In Restricted Working Space, Add</i>	658.28	
27 15 13 00-0319	MLF			24 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	6,097.30	1,944.76
				<i>For Work In Restricted Working Space, Add</i>	972.38	
27 15 13 00-0320 #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit (27 15 13 00-0277)						

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

27 15 13 00-0321	MLF	1 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,297.45	646.17
		<i>For Work In Restricted Working Space, Add</i>	322.88	
27 15 13 00-0322	MLF	2 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,524.27	669.13
		<i>For Work In Restricted Working Space, Add</i>	334.46	
27 15 13 00-0323	MLF	3 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,722.19	692.62
		<i>For Work In Restricted Working Space, Add</i>	346.05	
27 15 13 00-0324	MLF	4 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,930.42	716.11
		<i>For Work In Restricted Working Space, Add</i>	357.95	
27 15 13 00-0325	MLF	5 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,172.81	764.13
		<i>For Work In Restricted Working Space, Add</i>	381.91	
27 15 13 00-0326	MLF	6 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,394.98	812.15
		<i>For Work In Restricted Working Space, Add</i>	405.86	
27 15 13 00-0327	MLF	8 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,627.01	908.19
		<i>For Work In Restricted Working Space, Add</i>	454.09	
27 15 13 00-0328	MLF	12 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,458.08	1,197.34
		<i>For Work In Restricted Working Space, Add</i>	598.46	
27 15 13 00-0329	MLF	24 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,141.70	1,768.34
		<i>For Work In Restricted Working Space, Add</i>	884.07	
27 15 13 00-0330	MLF	25 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,459.33	1,810.11
		<i>For Work In Restricted Working Space, Add</i>	905.05	
27 15 13 00-0331	MLF	36 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,505.61	2,107.61
		<i>For Work In Restricted Working Space, Add</i>	1,053.81	
27 15 13 00-0332	MLF	40 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,980.04	2,255.84
		<i>For Work In Restricted Working Space, Add</i>	1,128.02	
27 15 13 00-0333	MLF	50 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	8,345.07	2,819.55
		<i>For Work In Restricted Working Space, Add</i>	1,409.56	
27 15 13 00-0334	MLF	100 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	11,346.26	3,712.07
		<i>For Work In Restricted Working Space, Add</i>	1,855.82	
27 15 13 00-0335		#22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit <small>(27 15 13 00-0277)</small>		
27 15 13 00-0336	MLF	1 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,084.45	581.45
		<i>For Work In Restricted Working Space, Add</i>	290.62	
27 15 13 00-0337	MLF	2 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,161.52	602.32
		<i>For Work In Restricted Working Space, Add</i>	300.95	
27 15 13 00-0338	MLF	3 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,255.90	623.20
		<i>For Work In Restricted Working Space, Add</i>	311.60	
27 15 13 00-0339	MLF	4 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,358.37	644.08
		<i>For Work In Restricted Working Space, Add</i>	322.25	
27 15 13 00-0340	MLF	5 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,510.79	687.92
		<i>For Work In Restricted Working Space, Add</i>	343.86	
27 15 13 00-0341	MLF	6 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,664.85	728.63
		<i>For Work In Restricted Working Space, Add</i>	364.52	
27 15 13 00-0342		Triad <small>(27 15 13 00-0277)</small>		
27 15 13 00-0343	MLF	1 Triad #16 AWG, Stranded, Low Voltage, Installed In Conduit	2,744.68	865.38
27 15 13 00-0344	MLF	4 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	3,561.86	1,197.34
27 15 13 00-0345	MLF	8 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	5,586.04	1,768.34
27 15 13 00-0346	MLF	12 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	6,976.57	2,107.61
27 15 13 00-0347	MLF	24 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	11,462.34	3,265.28
27 15 13 00-0348	MLF	36 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	13,196.29	3,712.07
27 15 13 00-0349		Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <small>(27 15 13 00-0276)</small>		
27 15 13 00-0350		#12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <small>(27 15 13 00-0349)</small>		
27 15 13 00-0351	MLF	1 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,929.62	2,066.90
		<i>For #10 AWG, Add</i>	848.91	
		<i>For Work In Restricted Working Space, Add</i>	1,033.54	
27 15 13 00-0352	MLF	2 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,461.74	2,139.98
		<i>For #10 AWG, Add</i>	1,008.58	
		<i>For Work In Restricted Working Space, Add</i>	1,070.30	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 15 13 00-0353	MLF			3 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed 4,936.46	4,936.46	2,215.13
				<i>For #10 AWG, Add</i> 1,149.22	1,149.22	
				<i>For Work In Restricted Working Space, Add</i> 1,107.25	1,107.25	
27 15 13 00-0354	MLF			4 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed 5,437.62	5,437.62	2,290.29
				<i>For #10 AWG, Add</i> 1,298.03	1,298.03	
				<i>For Work In Restricted Working Space, Add</i> 1,145.50	1,145.50	
27 15 13 00-0355	MLF			5 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed 6,046.68	6,046.68	2,444.79
				<i>For #10 AWG, Add</i> 1,465.55	1,465.55	
				<i>For Work In Restricted Working Space, Add</i> 1,222.75	1,222.75	
27 15 13 00-0356	MLF			6 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed 6,612.37	6,612.37	2,597.20
				<i>For #10 AWG, Add</i> 1,619.21	1,619.21	
				<i>For Work In Restricted Working Space, Add</i> 1,298.94	1,298.94	
27 15 13 00-0357	MLF			8 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed 7,246.42	7,246.42	2,906.18
				<i>For #10 AWG, Add</i> 1,761.76	1,761.76	
				<i>For Work In Restricted Working Space, Add</i> 1,452.82	1,452.82	
27 15 13 00-0358	MLF			12 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed 9,588.80	9,588.80	3,831.07
				<i>For #10 AWG, Add</i> 2,334.40	2,334.40	
				<i>For Work In Restricted Working Space, Add</i> 1,915.16	1,915.16	
27 15 13 00-0359	MLF			24 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed 14,234.73	14,234.73	5,657.87
				<i>For #10 AWG, Add</i> 3,471.90	3,471.90	
				<i>For Work In Restricted Working Space, Add</i> 2,828.21	2,828.21	
27 15 13 00-0360 #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed (27 15 13 00-0349)						
27 15 13 00-0361	MLF			1 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed 3,475.59	3,475.59	1,808.01
				<i>For Work In Restricted Working Space, Add</i> 903.80	903.80	
27 15 13 00-0362	MLF			2 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed 3,975.49	3,975.49	1,872.74
				<i>For Work In Restricted Working Space, Add</i> 936.37	936.37	
27 15 13 00-0363	MLF			3 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed 4,419.95	4,419.95	1,937.46
				<i>For Work In Restricted Working Space, Add</i> 968.94	968.94	
27 15 13 00-0364	MLF			4 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed 4,887.63	4,887.63	2,004.27
				<i>For Work In Restricted Working Space, Add</i> 1,002.13	1,002.13	
27 15 13 00-0365	MLF			5 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed 5,449.00	5,449.00	2,139.98
				<i>For Work In Restricted Working Space, Add</i> 1,069.78	1,069.78	
27 15 13 00-0366	MLF			6 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed 5,968.15	5,968.15	2,273.58
				<i>For Work In Restricted Working Space, Add</i> 1,136.17	1,136.17	
27 15 13 00-0367	MLF			8 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed 6,534.83	6,534.83	2,542.91
				<i>For Work In Restricted Working Space, Add</i> 1,271.46	1,271.46	
27 15 13 00-0368	MLF			12 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed 8,646.97	8,646.97	3,350.88
				<i>For Work In Restricted Working Space, Add</i> 1,675.43	1,675.43	
27 15 13 00-0369	MLF			24 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed 12,844.18	12,844.18	4,950.12
				<i>For Work In Restricted Working Space, Add</i> 2,475.27	2,475.27	
27 15 13 00-0370 #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed (27 15 13 00-0349)						
27 15 13 00-0371	MLF			1 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed 3,098.79	3,098.79	1,613.85
				<i>For Work In Restricted Working Space, Add</i> 807.34	807.34	
27 15 13 00-0372	MLF			2 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed 3,441.32	3,441.32	1,672.31
				<i>For Work In Restricted Working Space, Add</i> 836.15	836.15	
27 15 13 00-0373	MLF			3 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed 3,931.27	3,931.27	1,730.76
				<i>For Work In Restricted Working Space, Add</i> 864.97	864.97	
27 15 13 00-0374	MLF			4 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed 4,345.89	4,345.89	1,789.22
				<i>For Work In Restricted Working Space, Add</i> 895.03	895.03	
27 15 13 00-0375	MLF			5 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed 4,842.10	4,842.10	1,910.32
				<i>For Work In Restricted Working Space, Add</i> 955.16	955.16	
27 15 13 00-0376	MLF			6 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed 5,302.73	5,302.73	2,029.32
				<i>For Work In Restricted Working Space, Add</i> 1,014.66	1,014.66	
27 15 13 00-0377	MLF			7 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed 5,554.10	5,554.10	2,150.41
				<i>For Work In Restricted Working Space, Add</i> 1,074.79	1,074.79	
27 15 13 00-0378	MLF			8 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed 5,807.56	5,807.56	2,271.50
				<i>For Work In Restricted Working Space, Add</i> 1,135.54	1,135.54	

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

27 15 13 00-0379	MLF	9 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	6,384.73	2,415.56
		<i>For Work In Restricted Working Space, Add</i>	1,207.57	
27 15 13 00-0380	MLF	12 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	7,683.22	2,991.78
		<i>For Work In Restricted Working Space, Add</i>	1,496.00	
27 15 13 00-0381	MLF	24 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	11,411.57	4,419.82
		<i>For Work In Restricted Working Space, Add</i>	2,210.02	
27 15 13 00-0382		#18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <small>(27 15 13 00-0349)</small>		
27 15 13 00-0383	MLF	1 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	2,655.38	1,421.78
		<i>For Work In Restricted Working Space, Add</i>	710.26	
27 15 13 00-0384	MLF	2 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	2,984.30	1,471.89
		<i>For Work In Restricted Working Space, Add</i>	735.94	
27 15 13 00-0385	MLF	3 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,278.76	1,521.99
		<i>For Work In Restricted Working Space, Add</i>	761.62	
27 15 13 00-0386	MLF	4 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,586.35	1,574.18
		<i>For Work In Restricted Working Space, Add</i>	787.30	
27 15 13 00-0387	MLF	5 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,972.67	1,680.66
		<i>For Work In Restricted Working Space, Add</i>	840.54	
27 15 13 00-0388	MLF	6 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	4,333.24	1,785.05
		<i>For Work In Restricted Working Space, Add</i>	893.15	
27 15 13 00-0389	MLF	8 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	4,758.02	1,998.00
		<i>For Work In Restricted Working Space, Add</i>	999.00	
27 15 13 00-0390	MLF	12 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	6,292.52	2,632.68
		<i>For Work In Restricted Working Space, Add</i>	1,316.55	
27 15 13 00-0391	MLF	24 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	9,338.56	3,889.53
		<i>For Work In Restricted Working Space, Add</i>	1,944.76	
27 15 13 00-0392		#20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <small>(27 15 13 00-0349)</small>		
27 15 13 00-0393	MLF	1 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	2,373.70	1,292.33
		<i>For Work In Restricted Working Space, Add</i>	645.75	
27 15 13 00-0394	MLF	2 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	2,639.15	1,338.27
		<i>For Work In Restricted Working Space, Add</i>	668.93	
27 15 13 00-0395	MLF	3 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	2,875.69	1,385.24
		<i>For Work In Restricted Working Space, Add</i>	692.10	
27 15 13 00-0396	MLF	4 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,123.59	1,432.22
		<i>For Work In Restricted Working Space, Add</i>	715.90	
27 15 13 00-0397	MLF	5 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,445.83	1,528.25
		<i>For Work In Restricted Working Space, Add</i>	763.81	
27 15 13 00-0398	MLF	6 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,747.87	1,624.29
		<i>For Work In Restricted Working Space, Add</i>	811.73	
27 15 13 00-0399	MLF	8 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	4,140.65	1,816.36
		<i>For Work In Restricted Working Space, Add</i>	908.18	
27 15 13 00-0400	MLF	12 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	5,452.95	2,394.68
		<i>For Work In Restricted Working Space, Add</i>	1,196.92	
27 15 13 00-0401	MLF	24 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	8,088.58	3,536.69
		<i>For Work In Restricted Working Space, Add</i>	1,768.13	
27 15 13 00-0402	MLF	25 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	8,476.15	3,620.20
		<i>For Work In Restricted Working Space, Add</i>	1,810.10	
27 15 13 00-0403	MLF	36 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	10,018.31	4,215.22
		<i>For Work In Restricted Working Space, Add</i>	2,107.62	
27 15 13 00-0404	MLF	40 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	10,740.12	4,511.68
		<i>For Work In Restricted Working Space, Add</i>	2,266.05	
27 15 13 00-0405	MLF	50 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	13,043.59	5,639.08
		<i>For Work In Restricted Working Space, Add</i>	2,819.11	
27 15 13 00-0406	MLF	100 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	17,532.29	7,424.13
		<i>For Work In Restricted Working Space, Add</i>	3,711.62	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 15 13 00-0407 #22 AWG, Shielded, Low Voltage Cable, Installed Exposed (27 15 13 00-0349)					
27 15 13 00-0408	MLF	1	Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,053.18	1,162.89
			<i>For Work In Restricted Working Space, Add</i>	581.24	
27 15 13 00-0409	MLF	2	Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,164.71	1,204.65
			<i>For Work In Restricted Working Space, Add</i>	601.91	
27 15 13 00-0410	MLF	3	Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,294.57	1,246.40
			<i>For Work In Restricted Working Space, Add</i>	623.20	
27 15 13 00-0411	MLF	4	Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,432.53	1,288.16
			<i>For Work In Restricted Working Space, Add</i>	644.50	
27 15 13 00-0412	MLF	5	Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,656.98	1,375.85
			<i>For Work In Restricted Working Space, Add</i>	687.71	
27 15 13 00-0413	MLF	6	Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,879.94	1,457.27
			<i>For Work In Restricted Working Space, Add</i>	729.05	
27 15 13 00-0414 Triad, Installed Exposed (27 15 13 00-0349)					
27 15 13 00-0415	MLF	1	Triad, #16 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	2,744.68	865.38
27 15 13 00-0416	MLF	4	Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	3,561.86	1,197.34
27 15 13 00-0417	MLF	8	Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	5,586.04	1,768.34
27 15 13 00-0418	MLF	12	Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	6,976.57	2,107.61
27 15 13 00-0419	MLF	24	Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	11,462.34	3,265.28
27 15 13 00-0420	MLF	36	Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	13,196.29	3,712.07
27 15 13 00-0421 Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit (27 15 13 00-0276)					
27 15 13 00-0422 #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit (27 15 13 00-0421)					
27 15 13 00-0423	MLF	1	Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,738.96	904.01
			<i>For Work In Restricted Working Space, Add</i>	451.90	
27 15 13 00-0424	MLF	2	Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,989.90	936.36
			<i>For Work In Restricted Working Space, Add</i>	468.18	
27 15 13 00-0425	MLF	3	Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,212.98	968.73
			<i>For Work In Restricted Working Space, Add</i>	484.47	
27 15 13 00-0426	MLF	4	Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,447.73	1,002.13
			<i>For Work In Restricted Working Space, Add</i>	501.07	
27 15 13 00-0427	MLF	5	Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,727.18	1,068.94
			<i>For Work In Restricted Working Space, Add</i>	534.26	
27 15 13 00-0428	MLF	6	Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,988.55	1,135.75
			<i>For Work In Restricted Working Space, Add</i>	567.77	
27 15 13 00-0429	MLF	8	Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,273.21	1,271.46
			<i>For Work In Restricted Working Space, Add</i>	635.73	
27 15 13 00-0430	MLF	12	Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,331.22	1,675.44
			<i>For Work In Restricted Working Space, Add</i>	837.72	
27 15 13 00-0431	MLF	24	Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,433.69	2,475.06
			<i>For Work In Restricted Working Space, Add</i>	1,237.63	
27 15 13 00-0432 #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit (27 15 13 00-0421)					
27 15 13 00-0433	MLF	1	Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,550.41	806.92
			<i>For Work In Restricted Working Space, Add</i>	403.67	
27 15 13 00-0434	MLF	2	Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,771.61	836.15
			<i>For Work In Restricted Working Space, Add</i>	418.07	
27 15 13 00-0435	MLF	3	Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,968.27	865.38
			<i>For Work In Restricted Working Space, Add</i>	432.48	
27 15 13 00-0436	MLF	4	Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,176.39	894.61
			<i>For Work In Restricted Working Space, Add</i>	447.52	
27 15 13 00-0437	MLF	5	Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,424.20	954.11
			<i>For Work In Restricted Working Space, Add</i>	477.27	
27 15 13 00-0438	MLF	6	Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,656.21	1,014.66
			<i>For Work In Restricted Working Space, Add</i>	507.33	
27 15 13 00-0439	MLF	7	Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,782.03	1,075.21
			<i>For Work In Restricted Working Space, Add</i>	537.39	

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
27 15 13 00-0440	MLF 8 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,974.59	1,135.75
	<i>For Work In Restricted Working Space, Add</i>	567.77	
27 15 13 00-0441	MLF 9 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,274.86	1,207.77
	<i>For Work In Restricted Working Space, Add</i>	603.75	
27 15 13 00-0442	MLF 12 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,848.43	1,495.89
	<i>For Work In Restricted Working Space, Add</i>	748.00	
27 15 13 00-0443	MLF 24 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,716.51	2,209.91
	<i>For Work In Restricted Working Space, Add</i>	1,105.16	
27 15 13 00-0444	#18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit (27 15 13 00-0421)		
27 15 13 00-0445	MLF 1 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,354.74	709.84
	<i>For Work In Restricted Working Space, Add</i>	355.13	
27 15 13 00-0446	MLF 2 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,533.13	735.94
	<i>For Work In Restricted Working Space, Add</i>	367.97	
27 15 13 00-0447	MLF 3 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,646.69	762.04
	<i>For Work In Restricted Working Space, Add</i>	380.81	
27 15 13 00-0448	MLF 4 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,795.61	787.09
	<i>For Work In Restricted Working Space, Add</i>	393.65	
27 15 13 00-0449	MLF 5 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,978.66	840.33
	<i>For Work In Restricted Working Space, Add</i>	420.27	
27 15 13 00-0450	MLF 6 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,160.69	893.57
	<i>For Work In Restricted Working Space, Add</i>	446.58	
27 15 13 00-0451	MLF 8 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,584.73	999.00
	<i>For Work In Restricted Working Space, Add</i>	499.50	
27 15 13 00-0452	MLF 12 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,360.88	1,316.35
	<i>For Work In Restricted Working Space, Add</i>	658.28	
27 15 13 00-0453	MLF 24 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,515.48	1,944.76
	<i>For Work In Restricted Working Space, Add</i>	972.38	
27 15 13 00-0454	#20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit (27 15 13 00-0421)		
27 15 13 00-0455	MLF 1 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,196.94	646.17
	<i>For Work In Restricted Working Space, Add</i>	322.88	
27 15 13 00-0456	MLF 2 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,320.60	669.13
	<i>For Work In Restricted Working Space, Add</i>	334.46	
27 15 13 00-0457	MLF 3 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,555.15	762.04
	<i>For Work In Restricted Working Space, Add</i>	380.81	
27 15 13 00-0458	MLF 4 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,705.63	801.08
	<i>For Work In Restricted Working Space, Add</i>	400.54	
27 15 13 00-0459	MLF 5 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,853.06	840.33
	<i>For Work In Restricted Working Space, Add</i>	420.27	
27 15 13 00-0460	MLF 6 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,012.28	893.57
	<i>For Work In Restricted Working Space, Add</i>	446.58	
27 15 13 00-0461	MLF 8 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,217.20	994.41
	<i>For Work In Restricted Working Space, Add</i>	497.31	
27 15 13 00-0462	MLF 12 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,730.17	1,197.34
	<i>For Work In Restricted Working Space, Add</i>	598.46	
27 15 13 00-0463	MLF 24 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,049.84	1,768.34
	<i>For Work In Restricted Working Space, Add</i>	884.07	
27 15 13 00-0464	MLF 25 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,244.25	1,810.11
	<i>For Work In Restricted Working Space, Add</i>	905.05	
27 15 13 00-0465	MLF 36 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,016.71	2,107.61
	<i>For Work In Restricted Working Space, Add</i>	1,053.81	
27 15 13 00-0466	MLF 40 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,378.19	2,255.84
	<i>For Work In Restricted Working Space, Add</i>	1,128.02	
27 15 13 00-0467	MLF 50 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	6,531.01	2,819.55
	<i>For Work In Restricted Working Space, Add</i>	1,409.56	
27 15 13 00-0468	MLF 100 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	8,779.19	3,712.07
	<i>For Work In Restricted Working Space, Add</i>	1,855.82	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 15 13 00-0469 #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit (27 15 13 00-0421)					
27 15 13 00-0470	MLF	1	Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,048.74	581.45
<i>For Work In Restricted Working Space, Add</i>				290.62	
27 15 13 00-0471	MLF	2	Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,112.66	602.32
<i>For Work In Restricted Working Space, Add</i>				300.95	
27 15 13 00-0472	MLF	3	Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,194.35	623.20
<i>For Work In Restricted Working Space, Add</i>				311.60	
27 15 13 00-0473	MLF	4	Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,282.87	644.08
<i>For Work In Restricted Working Space, Add</i>				322.25	
27 15 13 00-0474	MLF	5	Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,404.51	687.92
<i>For Work In Restricted Working Space, Add</i>				343.86	
27 15 13 00-0475	MLF	6	Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,533.74	728.63
<i>For Work In Restricted Working Space, Add</i>				364.52	
27 15 13 00-0476 Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed (27 15 13 00-0276)					
27 15 13 00-0477 #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed (27 15 13 00-0476)					
27 15 13 00-0478	MLF	1	Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,245.29	1,808.01
<i>For Work In Restricted Working Space, Add</i>				903.80	
27 15 13 00-0479	MLF	2	Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,550.52	1,872.74
<i>For Work In Restricted Working Space, Add</i>				936.37	
27 15 13 00-0480	MLF	3	Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,827.88	1,937.46
<i>For Work In Restricted Working Space, Add</i>				968.94	
27 15 13 00-0481	MLF	4	Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	4,117.95	2,004.27
<i>For Work In Restricted Working Space, Add</i>				1,002.13	
27 15 13 00-0482	MLF	5	Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	4,508.05	2,137.88
<i>For Work In Restricted Working Space, Add</i>				1,068.53	
27 15 13 00-0483	MLF	6	Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	4,881.12	2,271.50
<i>For Work In Restricted Working Space, Add</i>				1,135.54	
27 15 13 00-0484	MLF	8	Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	5,392.31	2,542.91
<i>For Work In Restricted Working Space, Add</i>				1,271.46	
27 15 13 00-0485	MLF	12	Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	7,123.61	3,350.88
<i>For Work In Restricted Working Space, Add</i>				1,675.43	
27 15 13 00-0486	MLF	24	Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	10,559.14	4,950.12
<i>For Work In Restricted Working Space, Add</i>				2,475.27	
27 15 13 00-0487 #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed (27 15 13 00-0476)					
27 15 13 00-0488	MLF	1	Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	2,895.99	1,613.85
<i>For Work In Restricted Working Space, Add</i>				807.34	
27 15 13 00-0489	MLF	2	Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,165.21	1,672.31
<i>For Work In Restricted Working Space, Add</i>				836.15	
27 15 13 00-0490	MLF	3	Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,409.89	1,730.76
<i>For Work In Restricted Working Space, Add</i>				864.97	
27 15 13 00-0491	MLF	4	Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,668.10	1,789.22
<i>For Work In Restricted Working Space, Add</i>				895.03	
27 15 13 00-0492	MLF	5	Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	4,015.08	1,908.23
<i>For Work In Restricted Working Space, Add</i>				954.53	
27 15 13 00-0493	MLF	6	Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	4,347.31	2,029.32
<i>For Work In Restricted Working Space, Add</i>				1,014.66	
27 15 13 00-0494	MLF	7	Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	4,573.34	2,150.41
<i>For Work In Restricted Working Space, Add</i>				1,074.79	
27 15 13 00-0495	MLF	8	Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	4,867.16	2,271.50
<i>For Work In Restricted Working Space, Add</i>				1,135.54	
27 15 13 00-0496	MLF	9	Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	5,287.37	2,415.56
<i>For Work In Restricted Working Space, Add</i>				1,207.51	

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
27 15 13 00-0497	MLF 12 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	6,341.75 1,496.00	2,991.78
27 15 13 00-0498	MLF 24 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	9,400.38 2,210.32	4,419.82
27 15 13 00-0499	#18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <small>(27 15 13 00-0476)</small>		
27 15 13 00-0500	MLF 1 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,538.51 710.26	1,419.68
27 15 13 00-0501	MLF 2 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,759.71 735.94	1,471.89
27 15 13 00-0502	MLF 3 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,916.06 761.62	1,524.08
27 15 13 00-0503	MLF 4 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	3,107.77 787.30	1,574.18
27 15 13 00-0504	MLF 5 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	3,379.57 840.54	1,680.66
27 15 13 00-0505	MLF 6 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	3,649.27 893.15	1,787.13
27 15 13 00-0506	MLF 8 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	4,249.72 999.00	1,998.00
27 15 13 00-0507	MLF 12 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	5,555.13 1,316.55	2,632.68
27 15 13 00-0508	MLF 24 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	7,756.74 1,944.76	3,889.53
27 15 13 00-0509	#20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <small>(27 15 13 00-0476)</small>		
27 15 13 00-0510	MLF 1 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,273.19 645.75	1,292.33
27 15 13 00-0511	MLF 2 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,435.48 668.93	1,338.27
27 15 13 00-0512	MLF 3 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,824.52 761.62	1,524.08
27 15 13 00-0513	MLF 4 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	3,040.75 801.08	1,602.16
27 15 13 00-0514	MLF 5 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	3,253.97 840.54	1,680.66
27 15 13 00-0515	MLF 6 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	3,500.86 893.15	1,787.13
27 15 13 00-0516	MLF 8 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	3,874.89 994.62	1,988.82
27 15 13 00-0517	MLF 12 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	4,725.04 1,196.92	2,394.68
27 15 13 00-0518	MLF 24 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	6,996.72 1,768.13	3,536.69
27 15 13 00-0519	MLF 25 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	7,261.07 1,810.10	3,620.20
27 15 13 00-0520	MLF 36 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	8,529.41 2,107.62	4,215.22
27 15 13 00-0521	MLF 40 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	9,138.27 2,256.05	4,511.68
27 15 13 00-0522	MLF 50 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	11,229.53 2,819.11	5,639.08
27 15 13 00-0523	MLF 100 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	14,965.22 3,711.62	7,424.13
27 15 13 00-0524	#22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <small>(27 15 13 00-0476)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0525	MLF	1 Pair	#22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,017.47 581.24	1,162.89
27 15 13 00-0526	MLF	2 Pair	#22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,115.85 601.91	1,204.65
27 15 13 00-0527	MLF	3 Pair	#22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,233.02 623.20	1,246.40
27 15 13 00-0528	MLF	4 Pair	#22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,357.03 644.50	1,288.16
27 15 13 00-0529	MLF	5 Pair	#22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,550.70 687.71	1,375.85
27 15 13 00-0530	MLF	6 Pair	#22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,748.83 729.05	1,457.27
27 15 13 00-0531			Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench <small>(27 15 13 00-0276)</small> Note: Excludes excavation.		
27 15 13 00-0532	MLF	1 Pair	#14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	1,864.55	
27 15 13 00-0533	MLF	2 Pair	#14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	2,305.06	
27 15 13 00-0534	MLF	3 Pair	#14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	2,691.43	
27 15 13 00-0535	MLF	4 Pair	#14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	3,100.64	
27 15 13 00-0536	MLF	5 Pair	#14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	3,540.94	
27 15 13 00-0537	MLF	6 Pair	#14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	3,942.34	
27 15 13 00-0538			Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial) <small>(27 15 13 00-0276)</small>		
27 15 13 00-0539	MLF	1 Pair	#14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	1,963.62	568.00
27 15 13 00-0540	MLF	2 Pair	#14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	2,462.14	608.53
27 15 13 00-0541	MLF	3 Pair	#14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	3,222.69	769.30
27 15 13 00-0542	MLF	4 Pair	#14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	3,898.13	889.79
27 15 13 00-0543	MLF	5 Pair	#14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	6,414.86	1,014.18
27 15 13 00-0544	MLF	6 Pair	#14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	7,749.48	1,295.69
27 15 13 00-0545			Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit <small>(27 15 13 00-0276)</small>		
27 15 13 00-0546	MLF	1 Pair	#16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,552.77	806.92
27 15 13 00-0547	MLF	2 Pair	#16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,882.41	836.15
27 15 13 00-0548	MLF	3 Pair	#16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,114.23	865.38
27 15 13 00-0549	MLF	4 Pair	#16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,237.68	894.61
27 15 13 00-0550	MLF	5 Pair	#16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,691.80	954.11
27 15 13 00-0551	MLF	6 Pair	#16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,913.18	1,014.66
27 15 13 00-0552	MLF	8 Pair	#16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,652.37	1,135.75
27 15 13 00-0553	MLF	12 Pair	#16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,533.20	1,495.89
27 15 13 00-0554	MLF	24 Pair	#16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,885.73	2,209.91
27 15 13 00-0555	MLF	1 Pair	#18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,340.89	709.84
27 15 13 00-0556	MLF	2 Pair	#18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,611.48	735.94
27 15 13 00-0557	MLF	3 Pair	#18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,835.16	762.04
27 15 13 00-0558	MLF	4 Pair	#18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,945.41	787.09
27 15 13 00-0559	MLF	5 Pair	#18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,333.26	840.33
27 15 13 00-0560	MLF	6 Pair	#18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,622.60	893.57
27 15 13 00-0561	MLF	8 Pair	#18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,962.78	999.00
27 15 13 00-0562	MLF	12 Pair	#18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,827.03	1,316.35
27 15 13 00-0563	MLF	24 Pair	#18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,121.59	1,944.76
27 15 13 00-0564	MLF	1 Pair	#20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,183.79	646.17
27 15 13 00-0565	MLF	2 Pair	#20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,355.38	669.13
27 15 13 00-0566	MLF	3 Pair	#20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,521.64	692.09
27 15 13 00-0567	MLF	4 Pair	#20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,626.27	716.11

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**
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27 15 13 00-0568	MLF	5 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,771.61	764.13
27 15 13 00-0569	MLF	6 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,935.43	812.15
27 15 13 00-0570	MLF	8 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,167.70	908.19
27 15 13 00-0571	MLF	12 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,992.09	1,197.34
27 15 13 00-0572	MLF	24 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,548.78	1,768.34
27 15 13 00-0573	MLF	25 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,799.37	1,810.11
27 15 13 00-0574	MLF	36 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,666.81	2,107.61
27 15 13 00-0575	MLF	40 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,110.19	2,255.84
27 15 13 00-0576	MLF	50 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,359.97	2,819.55
27 15 13 00-0577	MLF	100 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	9,952.26	3,712.07
27 15 13 00-0578	MLF	250 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	19,252.39	6,837.47
27 15 13 00-0579	MLF	500 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	29,115.70	9,048.42
27 15 13 00-0580	MLF	750 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	39,013.39	11,402.39
27 15 13 00-0581	MLF	1200 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	54,958.92	15,640.58
27 15 13 00-0582	MLF	1 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,145.05	646.17
27 15 13 00-0583	MLF	2 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,268.71	669.13
27 15 13 00-0584	MLF	3 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,388.99	692.09
27 15 13 00-0585	MLF	4 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,470.21	716.11
27 15 13 00-0586	MLF	5 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,592.15	764.13
27 15 13 00-0587	MLF	6 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,725.52	812.15
27 15 13 00-0588	MLF	8 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,932.02	908.19
27 15 13 00-0589	MLF	12 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,632.77	1,197.34
27 15 13 00-0590	MLF	24 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,971.58	1,768.34
27 15 13 00-0591	MLF	25 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,157.08	1,810.11
27 15 13 00-0592	MLF	36 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,910.00	2,107.61
27 15 13 00-0593	MLF	40 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,263.39	2,255.84
27 15 13 00-0594	MLF	50 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,400.98	2,819.55
27 15 13 00-0595	MLF	100 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	8,595.21	3,712.07
27 15 13 00-0596	MLF	250 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	16,380.52	6,837.47
27 15 13 00-0597	MLF	500 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	24,045.37	9,048.42
27 15 13 00-0598	MLF	750 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	31,786.18	11,402.39
27 15 13 00-0599	MLF	1200 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	44,525.12	15,640.58

27 15 13 00-0600 Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit

(27 15 13 00-0276)

27 15 13 00-0601	MLF	1 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,651.84	806.92
27 15 13 00-0602	MLF	2 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,942.78	836.15
27 15 13 00-0603	MLF	3 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,117.54	865.38
27 15 13 00-0604	MLF	4 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,356.71	894.61
27 15 13 00-0605	MLF	5 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,626.96	954.11
27 15 13 00-0606	MLF	6 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,895.11	1,014.66
27 15 13 00-0607	MLF	8 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,540.17	1,135.75
27 15 13 00-0608	MLF	12 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,585.03	1,495.89
27 15 13 00-0609	MLF	24 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,852.33	2,209.91
27 15 13 00-0610	MLF	1 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,444.12	709.84

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0611	MLF	2	Pair	#18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,693.38	735.94
27 15 13 00-0612	MLF	3	Pair	#18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,843.92	762.04
27 15 13 00-0613	MLF	4	Pair	#18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,048.32	787.09
27 15 13 00-0614	MLF	5	Pair	#18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,280.67	840.33
27 15 13 00-0615	MLF	6	Pair	#18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,512.01	893.57
27 15 13 00-0616	MLF	8	Pair	#18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,065.47	999.00
27 15 13 00-0617	MLF	12	Pair	#18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,971.76	1,316.35
27 15 13 00-0618	MLF	24	Pair	#18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,934.45	1,944.76
27 15 13 00-0619	MLF	1	Pair	#20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,260.02	646.17
27 15 13 00-0620	MLF	2	Pair	#20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,473.96	669.13
27 15 13 00-0621	MLF	3	Pair	#20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,620.32	692.09
27 15 13 00-0622	MLF	4	Pair	#20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,895.27	716.11
27 15 13 00-0623	MLF	5	Pair	#20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,122.69	764.13
27 15 13 00-0624	MLF	6	Pair	#20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,583.08	812.15
27 15 13 00-0625	MLF	8	Pair	#20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,886.64	908.19
27 15 13 00-0626	MLF	12	Pair	#20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,621.34	1,197.34
27 15 13 00-0627	MLF	24	Pair	#20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,481.66	1,768.34
27 15 13 00-0628	MLF	25	Pair	#20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,835.97	1,810.11
27 15 13 00-0629	MLF	36	Pair	#20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	6,967.40	2,107.61
27 15 13 00-0630	MLF	40	Pair	#20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	7,476.85	2,255.84
27 15 13 00-0631	MLF	50	Pair	#20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	8,907.67	2,819.55
27 15 13 00-0632	MLF	100	Pair	#20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	12,142.42	3,712.07
27 15 13 00-0633	MLF	250	Pair	#20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	23,887.83	6,837.47
27 15 13 00-0634	MLF	500	Pair	#20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	37,299.50	9,048.42
27 15 13 00-0635	MLF	750	Pair	#20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	50,677.24	11,402.39
27 15 13 00-0636	MLF	1200	Pair	#20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	71,798.23	15,639.53
27 15 13 00-0637	MLF	1	Pair	#22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,193.80	646.17
27 15 13 00-0638	MLF	2	Pair	#22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,344.58	669.13
27 15 13 00-0639	MLF	3	Pair	#22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,452.12	692.09
27 15 13 00-0640	MLF	4	Pair	#22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,642.28	716.11
27 15 13 00-0641	MLF	5	Pair	#22 AWG, Solid, Low Voltage, Plenum Rated, Non-Shielded, Installed In Conduit.....	1,816.72	764.13
27 15 13 00-0642	MLF	6	Pair	#22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,139.81	812.15
27 15 13 00-0643	MLF	8	Pair	#22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,391.92	908.19
27 15 13 00-0644	MLF	12	Pair	#22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,035.29	1,197.34
27 15 13 00-0645	MLF	24	Pair	#22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,568.32	1,768.34
27 15 13 00-0646	MLF	25	Pair	#22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,820.17	1,810.11
27 15 13 00-0647	MLF	36	Pair	#22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,722.58	2,107.61
27 15 13 00-0648	MLF	40	Pair	#22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	6,137.61	2,255.84
27 15 13 00-0649	MLF	50	Pair	#22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	7,391.01	2,819.55
27 15 13 00-0650	MLF	100	Pair	#22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	9,996.21	3,712.07
27 15 13 00-0651	MLF	250	Pair	#22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	19,345.46	6,837.47
27 15 13 00-0652	MLF	500	Pair	#22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	29,280.28	9,048.42
27 15 13 00-0653	MLF	750	Pair	#22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	39,247.50	11,402.39
27 15 13 00-0654	MLF	1200	Pair	#22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	55,297.63	15,640.58

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0655			Sound System Cables <small>(27 15 13)</small> Note: Cables shall be type CL2 or CM and as manufactured by West Penn Wire, Belden or approved equal.		
27 15 13 00-0656			Speaker/Communications And Control Cable, Installed Exposed <small>(27 15 13 00-0655)</small>		
27 15 13 00-0657			Non-Plenum Rated Speaker/Communications And Control Cable, Installed Exposed <small>(27 15 13 00-0656)</small>		
27 15 13 00-0658	MLF		2 Conductor, #16 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,784.59	730.72
			<i>For Work In Restricted Working Space, Add</i>	438.44	
27 15 13 00-0659	MLF		2 Conductor, #18 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,675.60	730.72
			<i>For Work In Restricted Working Space, Add</i>	438.44	
27 15 13 00-0660	MLF		2 Conductor, #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,591.53	730.72
			<i>For Work In Restricted Working Space, Add</i>	438.44	
27 15 13 00-0661	MLF		4 Conductor, #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,683.47	730.72
			<i>For Work In Restricted Working Space, Add</i>	438.44	
27 15 13 00-0662	MLF		4 Conductor, #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,978.95	730.72
			<i>For Work In Restricted Working Space, Add</i>	438.44	
27 15 13 00-0663	MLF		6 Conductor, #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	2,273.47	730.72
			<i>For Work In Restricted Working Space, Add</i>	438.44	
27 15 13 00-0664	MLF		4 Conductor, #20 AWG, Stranded, 2 Shielded, 2 Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,980.20	730.72
			<i>For Work In Restricted Working Space, Add</i>	438.44	
27 15 13 00-0665	MLF		4 Conductor, #22 AWG, Stranded, 2 Shielded, 2 Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,838.31	730.72
			<i>For Work In Restricted Working Space, Add</i>	438.44	
27 15 13 00-0666			Plenum Rated Speaker/Communications And Control Cable, Installed Exposed <small>(27 15 13 00-0656)</small>		
27 15 13 00-0667	MLF		2 Conductor, #16 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,829.62	730.72
			<i>For Work In Restricted Working Space, Add</i>	438.44	
27 15 13 00-0668	MLF		2 Conductor, #18 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,704.24	730.72
			<i>For Work In Restricted Working Space, Add</i>	438.44	
27 15 13 00-0669	MLF		2 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,633.27	730.72
			<i>For Work In Restricted Working Space, Add</i>	438.44	
27 15 13 00-0670	MLF		4 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,751.69	730.72
			<i>For Work In Restricted Working Space, Add</i>	438.44	
27 15 13 00-0671	MLF		8 Conductors, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	2,001.88	730.72
			<i>For Work In Restricted Working Space, Add</i>	438.44	
27 15 13 00-0672	MLF		2 Conductors, #16 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,974.28	730.72
			<i>For Work In Restricted Working Space, Add</i>	438.44	
27 15 13 00-0673	MLF		2 Conductors, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,800.85	730.72
			<i>For Work In Restricted Working Space, Add</i>	438.44	
27 15 13 00-0674	MLF		4 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	2,095.65	730.72
			<i>For Work In Restricted Working Space, Add</i>	438.44	
27 15 13 00-0675	MLF		6 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	2,389.63	730.72
			<i>For Work In Restricted Working Space, Add</i>	438.44	
27 15 13 00-0676	MLF		2 Conductor, #22 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,668.86	730.72
			<i>For Work In Restricted Working Space, Add</i>	438.44	
27 15 13 00-0677	MLF		2 Conductor, #20 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,727.44	730.72
			<i>For Work In Restricted Working Space, Add</i>	438.44	
27 15 13 00-0678			Speaker/Communications And Control Cable, Installed In Conduit <small>(27 15 13 00-0655)</small>		
27 15 13 00-0679			Non-Plenum Rated Speaker/Communications And Control Cable, Installed In Conduit <small>(27 15 13 00-0678)</small>		
27 15 13 00-0680	MLF		2 Conductors, #16 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	1,053.86	365.36
27 15 13 00-0681	MLF		2 Conductors, #18 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	944.87	365.36
27 15 13 00-0682	MLF		2 Conductors, #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	860.80	365.36
27 15 13 00-0683	MLF		4 Conductors, #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	952.74	365.36
27 15 13 00-0684	MLF		4 Conductors, #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	1,248.22	365.36
27 15 13 00-0685	MLF		6 Conductors, #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	1,542.74	365.36
27 15 13 00-0686	MLF		4 Conductors (2 Shielded, 2 Unshielded), #20 AWG, Stranded, Non-Plenum Rated, Microphone/Communications Cable, Installed In Conduit.....	1,249.47	365.36

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 15 13 00-0687	MLF		4 Conductors (2 Shielded, 2 Unshielded), #22 AWG, Stranded, Non-Plenum Rated, Microphone/Communications Cable, Installed In Conduit	1,107.58	365.36
27 15 13 00-0688 Plenum Rated Speaker/Communications And Control Cable, Installed In Conduit <small>(27 15 13 00-0678)</small>					
27 15 13 00-0689	MLF		2 Conductor, #6 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	1,098.89	365.36
27 15 13 00-0690	MLF		2 Conductor, #18 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	973.51	365.36
27 15 13 00-0691	MLF		2 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	902.54	365.36
27 15 13 00-0692	MLF		4 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	1,020.96	365.36
27 15 13 00-0693	MLF		8 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	1,271.15	365.36
27 15 13 00-0694	MLF		2 Conductor, #16 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	1,243.55	365.36
27 15 13 00-0695	MLF		2 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	1,070.12	365.36
27 15 13 00-0696	MLF		4 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	1,364.92	365.36
27 15 13 00-0697	MLF		6 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	1,658.90	365.36
27 15 13 00-0698	MLF		2 Conductor, #20 AWG, Stranded, Shielded, Plenum Rated, Microphone/Communications And Control Cable, Installed In Conduit.....	996.71	365.36
27 15 13 00-0699	MLF		2 Conductor, #22 AWG, Stranded, Shielded, Plenum Rated, Microphone/Communications And Control Cable, Installed In Conduit.....	938.13	365.36
27 15 23 Communications Optical Fiber Horizontal Cabling <small>(27 15)</small>					
Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.					
27 15 23 00-0001			Indoor Fiber Optic Cable <small>(27 15 23)</small>		
Note: Distribution cables contain multiple tight-buffered fibers bundled under the same jacket with Kevlar strength members. Break-out cables contain multiple individually reinforced and jacketed simplex cables bundled together.					
27 15 23 00-0002			Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0001)</small>		
Note: Excludes conduit or innerduct.					
27 15 23 00-0003			Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0002)</small>		
27 15 23 00-0004			Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0003)</small>		
27 15 23 00-0005			Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0004)</small>		
27 15 23 00-0006	MLF		1-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	977.73	411.34
27 15 23 00-0007	MLF		2-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,065.78	411.34
27 15 23 00-0008	MLF		4-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,095.18	411.34
27 15 23 00-0009	MLF		6-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,199.87	411.34
<i>For Aluminum Armored Cable, Add</i>				1,099.86	
<i>For Steel Armored Cable, Add</i>				1,578.49	
27 15 23 00-0010	MLF		8-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,229.89	411.34
27 15 23 00-0011	MLF		12-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,411.34	411.34
<i>For Aluminum Armored Cable, Add</i>				1,204.69	
<i>For Steel Armored Cable, Add</i>				1,661.23	
27 15 23 00-0012	MLF		18-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,403.83	479.91
27 15 23 00-0013	MLF		24-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,373.07	479.91
<i>For Aluminum Armored Cable With Sub-Units, Add</i>				1,663.40	
<i>For Steel Armored Cable, Add</i>				2,285.98	
27 15 23 00-0014	MLF		36-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,109.70	479.91
<i>For Aluminum Armored Cable With Sub-Units, Add</i>				1,753.53	
<i>For Steel Armored Cable, Add</i>				2,111.62	
27 15 23 00-0015	MLF		48-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,252.57	479.91
<i>For Aluminum Armored Cable With Sub-Units, Add</i>				1,839.80	
<i>For Steel Armored Cable, Add</i>				2,211.14	
27 15 23 00-0016	MLF		60-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,153.51	479.91
27 15 23 00-0017	MLF		72-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,393.10	479.91
27 15 23 00-0018	MLF		96-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	6,653.35	479.91
27 15 23 00-0019	MLF		120-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	8,934.00	548.47
27 15 23 00-0020	MLF		144-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	10,652.55	548.47
27 15 23 00-0021 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0004)</small>					
27 15 23 00-0022	MLF		1-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,003.09	411.34
27 15 23 00-0023	MLF		2-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,195.82	411.34
27 15 23 00-0024	MLF		4-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,498.78	411.34
27 15 23 00-0025	MLF		6-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,817.68	411.34
<i>For Aluminum Armored Cable, Add</i>				666.65	
<i>For Steel Armored Cable, Add</i>				941.94	

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
27 15 23 00-0026	MLF 8-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,120.63	411.34
27 15 23 00-0027	MLF 12-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,742.48	411.34
	<i>For Aluminum Armored Cable, Add</i>	486.55	
	<i>For Steel Armored Cable, Add</i>	845.24	
27 15 23 00-0028	MLF 18-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,016.21	479.91
27 15 23 00-0029	MLF 24-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,264.45	479.91
	<i>For Aluminum Armored Cable With Sub-Units, Add</i>	1,024.86	
	<i>For Steel Armored Cable, Add</i>	1,024.86	
27 15 23 00-0030	MLF 36-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	7,496.75	479.91
27 15 23 00-0031	MLF 48-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	9,729.05	479.91
	<i>For Aluminum Armored Cable With Sub-Units, Add</i>	1,828.89	
27 15 23 00-0032	MLF 60-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	11,961.35	479.91
27 15 23 00-0033	MLF 72-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	14,193.65	479.91
27 15 23 00-0034	MLF 96-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	18,674.19	479.91
	<i>For Aluminum Armored Cable With Sub-Units, Add</i>	7,876.83	
27 15 23 00-0035	MLF 120-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	23,253.04	548.47
27 15 23 00-0036	MLF 144-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	27,717.64	548.47
27 15 23 00-0037	62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit (27 15 23 00-0004)		
27 15 23 00-0038	MLF 1-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,018.96	411.34
27 15 23 00-0039	MLF 2-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,221.33	411.34
27 15 23 00-0040	MLF 4-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,539.43	411.34
27 15 23 00-0041	MLF 6-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,874.28	411.34
27 15 23 00-0042	MLF 8-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,192.38	411.34
27 15 23 00-0043	MLF 12-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,845.33	411.34
27 15 23 00-0044	MLF 18-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,127.02	479.91
27 15 23 00-0045	MLF 24-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,487.68	479.91
27 15 23 00-0046	MLF 36-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	7,831.59	479.91
27 15 23 00-0047	MLF 48-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	10,175.51	479.91
27 15 23 00-0048	MLF 60-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	12,519.43	479.91
27 15 23 00-0049	MLF 72-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	14,863.34	479.91
27 15 23 00-0050	MLF 96-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	19,567.91	479.91
27 15 23 00-0051	MLF 120-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	24,369.99	548.47
27 15 23 00-0052	MLF 144-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	29,057.82	548.47
27 15 23 00-0053	Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit (27 15 23 00-0003)		
27 15 23 00-0054	Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit (27 15 23 00-0053)		
27 15 23 00-0055	MLF 2-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,793.78	411.34
27 15 23 00-0056	MLF 4-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,122.15	411.34
27 15 23 00-0057	MLF 6-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,844.55	411.34
27 15 23 00-0058	MLF 8-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,189.30	411.34
27 15 23 00-0059	MLF 12-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,538.00	411.34
27 15 23 00-0060	MLF 18-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,848.38	479.91
27 15 23 00-0061	MLF 24-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	7,361.57	479.91
27 15 23 00-0062	MLF 36-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	10,363.31	479.91
27 15 23 00-0063	MLF 48-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	12,702.88	479.91
27 15 23 00-0064	50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit (27 15 23 00-0053)		
27 15 23 00-0065	MLF 2-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,412.89	411.34
27 15 23 00-0066	MLF 4-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,957.50	411.34
27 15 23 00-0067	MLF 6-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,855.45	411.34
27 15 23 00-0068	MLF 8-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,190.04	411.34

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	27 15 23 00-0069	MLF		12-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,744.26	411.34
	27 15 23 00-0070	MLF		18-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	7,697.66	479.91
	27 15 23 00-0071	MLF		24-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	9,697.77	479.91
	27 15 23 00-0072	MLF		36-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	11,065.24	479.91
	27 15 23 00-0073	MLF		48-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	16,936.19	479.91
27 15 23 00-0074				62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit^(27 15 23 00-0053)		
	27 15 23 00-0075	MLF		2-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,499.25	411.34
	27 15 23 00-0076	MLF		4-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,071.10	411.34
	27 15 23 00-0077	MLF		6-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,013.94	411.34
	27 15 23 00-0078	MLF		8-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,415.27	411.34
	27 15 23 00-0079	MLF		12-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,997.19	411.34
	27 15 23 00-0080	MLF		18-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	8,042.55	479.91
	27 15 23 00-0081	MLF		24-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	10,142.66	479.91
	27 15 23 00-0082	MLF		36-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	11,578.51	479.91
	27 15 23 00-0083	MLF		48-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	17,743.01	479.91
27 15 23 00-0084				Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit^(27 15 23 00-0002)		
27 15 23 00-0085				Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit^(27 15 23 00-0084)		
27 15 23 00-0086				Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit^(27 15 23 00-0085)		
	27 15 23 00-0087	MLF		1-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,046.64	411.34
	27 15 23 00-0088	MLF		2-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,052.09	411.34
	27 15 23 00-0089	MLF		4-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,338.12	411.34
	27 15 23 00-0090	MLF		6-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,371.59	411.34
				<i>For Aluminum Armored Cable, Add</i>	1,313.89	
				<i>For Steel Armored Cable, Add</i>	5,302.69	
	27 15 23 00-0091	MLF		8-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,540.08	411.34
	27 15 23 00-0092	MLF		12-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,571.60	411.34
				<i>For Aluminum Armored Cable, Add</i>	1,392.42	
				<i>For Steel Armored Cable, Add</i>	5,671.18	
	27 15 23 00-0093	MLF		18-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,688.33	479.91
	27 15 23 00-0094	MLF		24-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,771.51	479.91
				<i>For Aluminum Armored Cable With Sub-Units, Add</i>	1,080.62	
				<i>For Steel Armored Cable, Add</i>	5,535.54	
	27 15 23 00-0095	MLF		36-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	7,638.56	479.91
	27 15 23 00-0096	MLF		48-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	7,840.52	479.91
				<i>For Aluminum Armored Cable With Sub-Units, Add</i>	1,656.81	
				<i>For Steel Armored Cable, Add</i>	6,637.85	
	27 15 23 00-0097	MLF		60-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	9,484.07	479.91
	27 15 23 00-0098	MLF		72-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	11,238.85	479.91
	27 15 23 00-0099	MLF		96-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	14,885.65	479.91
27 15 23 00-0100				50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit^(27 15 23 00-0085)		
	27 15 23 00-0101	MLF		1-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,001.38	411.34
	27 15 23 00-0102	MLF		2-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,641.92	411.34
	27 15 23 00-0103	MLF		4-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,227.77	411.34
	27 15 23 00-0104	MLF		6-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,825.38	411.34
				<i>For Aluminum Armored Cable, Add</i>	-338.42	
				<i>For Steel Armored Cable, Add</i>	-2.25	
	27 15 23 00-0105	MLF		8-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,398.00	411.34
	27 15 23 00-0106	MLF		12-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,895.52	411.34
				<i>For Aluminum Armored Cable, Add</i>	-689.38	
				<i>For Steel Armored Cable, Add</i>	-307.77	
	27 15 23 00-0107	MLF		18-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,989.03	479.91

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

27 15 23 00-0108	MLF	24-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	9,238.49	479.91
		<i>For Aluminum Armored Cable With Sub-Units, Add</i>	2,506.88	
		<i>For Steel Armored Cable, Add</i>	5,846.77	
27 15 23 00-0109	MLF	36-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	13,457.81	479.91
27 15 23 00-0110	MLF	48-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	17,677.13	479.91
		<i>For Aluminum Armored Cable With Sub-Units, Add</i>	7,444.09	
27 15 23 00-0111	MLF	60-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	21,896.45	479.91
27 15 23 00-0112	MLF	72-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	26,115.77	479.91
27 15 23 00-0113	MLF	96-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	34,584.55	479.91
		<i>For Aluminum Armored Cable With Sub-Units, Add</i>	14,888.17	
27 15 23 00-0114		62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0085)</small>		
27 15 23 00-0115	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,017.17	411.34
27 15 23 00-0116	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,689.74	411.34
27 15 23 00-0117	MLF	4-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,304.88	411.34
27 15 23 00-0118	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,932.37	411.34
27 15 23 00-0119	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,533.62	411.34
27 15 23 00-0120	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,056.02	411.34
27 15 23 00-0121	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,198.49	479.91
27 15 23 00-0122	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	9,660.42	479.91
27 15 23 00-0123	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	14,090.71	479.91
27 15 23 00-0124	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	18,520.99	479.91
27 15 23 00-0125	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	22,951.28	479.91
27 15 23 00-0126	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	27,381.57	479.91
27 15 23 00-0127	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	36,273.78	479.91
27 15 23 00-0128		Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0084)</small>		
27 15 23 00-0129		Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0128)</small>		
27 15 23 00-0130	MLF	2-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,798.01	411.34
27 15 23 00-0131	MLF	4-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,197.53	411.34
27 15 23 00-0132	MLF	6-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,157.98	411.34
27 15 23 00-0133	MLF	8-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,099.25	411.34
27 15 23 00-0134	MLF	12-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	6,601.51	411.34
27 15 23 00-0135	MLF	18-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	9,402.85	479.91
27 15 23 00-0136	MLF	24-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	13,539.67	479.91
27 15 23 00-0137	MLF	36-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	16,369.57	479.91
27 15 23 00-0138	MLF	48-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	20,413.87	479.91
27 15 23 00-0139		50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0128)</small>		
27 15 23 00-0140	MLF	2-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	6,091.40	411.34
27 15 23 00-0141	MLF	4-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	7,670.06	411.34
27 15 23 00-0142	MLF	6-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	10,487.90	411.34
27 15 23 00-0143	MLF	8-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	11,924.04	411.34
27 15 23 00-0144	MLF	12-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	14,151.93	411.34
27 15 23 00-0145	MLF	18-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	19,425.13	479.91
27 15 23 00-0146	MLF	24-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	22,871.14	479.91
27 15 23 00-0147	MLF	36-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	25,263.74	479.91
27 15 23 00-0148	MLF	48-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	40,582.01	479.91

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 15 23 00-0149	62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0128)</small>		
27 15 23 00-0150	MLF 2-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,361.69	411.34
27 15 23 00-0151	MLF 4-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,019.29	411.34
27 15 23 00-0152	MLF 6-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,978.02	411.34
27 15 23 00-0153	MLF 8-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,485.96	411.34
27 15 23 00-0154	MLF 12-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	14,825.25	411.34
27 15 23 00-0155	MLF 18-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	20,356.40	479.91
27 15 23 00-0156	MLF 24-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	23,974.71	479.91
27 15 23 00-0157	MLF 36-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	26,486.93	479.91
27 15 23 00-0158	MLF 48-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	42,571.12	479.91
27 15 23 00-0159	Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0001)</small>		
Note: For non-conduit installations such as cable trays, surface runways, etc.			
27 15 23 00-0160	Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0159)</small>		
27 15 23 00-0161	Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0160)</small>		
27 15 23 00-0162	Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0161)</small>		
27 15 23 00-0163	MLF 1-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,206.25	548.47
	<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0164	MLF 2-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,294.30	548.47
	<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0165	MLF 4-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,323.70	548.47
	<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0166	MLF 6-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,428.39	548.47
	<i>For Aluminum Armored Cable, Add</i>	1,099.86	
	<i>For Steel Armored Cable, Add</i>	1,578.49	
	<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0167	MLF 8-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,458.41	548.47
	<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0168	MLF 12-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,639.86	548.47
	<i>For Aluminum Armored Cable, Add</i>	1,204.69	
	<i>For Steel Armored Cable, Add</i>	1,661.23	
	<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0169	MLF 18-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,632.35	617.03
	<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0170	MLF 24-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,601.59	617.03
	<i>For Aluminum Armored Cable With Sub-Units, Add</i>	1,663.40	
	<i>For Steel Armored Cable, Add</i>	2,285.98	
	<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0171	MLF 36-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,338.22	617.03
	<i>For Aluminum Armored Cable With Sub-Units, Add</i>	1,753.53	
	<i>For Steel Armored Cable, Add</i>	2,111.62	
	<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0172	MLF 48-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,481.09	617.03
	<i>For Aluminum Armored Cable With Sub-Units, Add</i>	1,839.80	
	<i>For Steel Armored Cable, Add</i>	2,211.14	
	<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0173	MLF 60-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,382.03	617.03
	<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0174	MLF 72-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,621.62	617.03
	<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0175	MLF 96-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,881.87	617.03
	<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0176	MLF 120-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,162.54	685.58
	<i>For Work In Restricted Working Space, Add</i>	342.79	
27 15 23 00-0177	MLF 144-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,881.09	685.58
	<i>For Work In Restricted Working Space, Add</i>	342.79	
27 15 23 00-0178	50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0161)</small>		
27 15 23 00-0179	MLF 1-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,231.61	548.47
	<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0180	MLF 2-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,424.34	548.47
	<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0181	MLF 4-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,727.30	548.47
	<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0182	MLF 6-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,046.20	548.47
	<i>For Aluminum Armored Cable, Add</i>	666.65	
	<i>For Steel Armored Cable, Add</i>	941.94	
	<i>For Work In Restricted Working Space, Add</i>	274.23	

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0183	MLF		8-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,349.15 274.23	548.47
27 15 23 00-0184	MLF		12-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Aluminum Armored Cable, Add</i> <i>For Steel Armored Cable, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,971.00 486.55 845.24 274.23	548.47
27 15 23 00-0185	MLF		18-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	3,244.73 308.51	617.03
27 15 23 00-0186	MLF		24-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Aluminum Armored Cable With Sub-Units, Add</i> <i>For Steel Armored Cable, Add</i> <i>For Work In Restricted Working Space, Add</i>	5,492.97 1,024.86 1,024.86 308.51	617.03
27 15 23 00-0187	MLF		36-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	7,725.27 308.51	617.03
27 15 23 00-0188	MLF		48-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Aluminum Armored Cable With Sub-Units, Add</i> <i>For Work In Restricted Working Space, Add</i>	9,957.57 1,828.89 308.51	617.03
27 15 23 00-0189	MLF		60-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed ... <i>For Work In Restricted Working Space, Add</i>	12,189.87 308.51	617.03
27 15 23 00-0190	MLF		72-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed ... <i>For Work In Restricted Working Space, Add</i>	14,422.17 308.51	617.03
27 15 23 00-0191	MLF		96-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed ... <i>For Aluminum Armored Cable With Sub-Units, Add</i> <i>For Work In Restricted Working Space, Add</i>	18,902.71 7,876.83 308.51	617.03
27 15 23 00-0192	MLF		120-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	23,481.58 342.79	685.58
27 15 23 00-0193	MLF		144-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	27,946.18 342.79	685.58
27 15 23 00-0194			62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0161)</small>		
27 15 23 00-0195	MLF		1-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	1,247.48 274.23	548.47
27 15 23 00-0196	MLF		2-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	1,449.85 274.23	548.47
27 15 23 00-0197	MLF		4-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	1,767.95 274.23	548.47
27 15 23 00-0198	MLF		6-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	2,102.80 274.23	548.47
27 15 23 00-0199	MLF		8-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	2,420.90 274.23	548.47
27 15 23 00-0200	MLF		12-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	3,073.85 274.23	548.47
27 15 23 00-0201	MLF		18-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	3,355.54 308.51	617.03
27 15 23 00-0202	MLF		24-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	5,716.20 308.51	617.03
27 15 23 00-0203	MLF		36-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	8,060.11 308.51	617.03
27 15 23 00-0204	MLF		48-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	10,404.03 308.51	617.03
27 15 23 00-0205	MLF		60-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	12,747.95 308.51	617.03
27 15 23 00-0206	MLF		72-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	15,091.86 308.51	617.03
27 15 23 00-0207	MLF		96-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	19,796.43 308.51	617.03
27 15 23 00-0208	MLF		120-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	24,598.53 342.79	685.58
27 15 23 00-0209	MLF		144-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	29,286.36 342.79	685.58
27 15 23 00-0210			Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0160)</small>		
27 15 23 00-0211			Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0210)</small>		
27 15 23 00-0212	MLF		2-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	2,022.30 274.23	548.47

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 15 23 00-0213	MLF			4-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,350.67 274.23	548.47
27 15 23 00-0214	MLF			6-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	3,073.07 274.23	548.47
27 15 23 00-0215	MLF			8-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	3,417.82 274.23	548.47
27 15 23 00-0216	MLF			12-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	5,766.52 274.23	548.47
27 15 23 00-0217	MLF			18-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	6,076.90 308.51	617.03
27 15 23 00-0218	MLF			24-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	7,590.09 308.51	617.03
27 15 23 00-0219	MLF			36-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	10,591.83 308.51	617.03
27 15 23 00-0220	MLF			48-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	12,931.40 308.51	617.03
27 15 23 00-0221				50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0210)</small>		
27 15 23 00-0222	MLF			2-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,641.41 274.23	548.47
27 15 23 00-0223	MLF			4-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	3,186.02 274.23	548.47
27 15 23 00-0224	MLF			6-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	4,083.97 274.23	548.47
27 15 23 00-0225	MLF			8-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	5,418.56 274.23	548.47
27 15 23 00-0226	MLF			12-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	5,972.78 274.23	548.47
27 15 23 00-0227	MLF			18-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	7,926.18 308.51	617.03
27 15 23 00-0228	MLF			24-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	9,926.29 308.51	617.03
27 15 23 00-0229	MLF			36-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	11,293.76 308.51	617.03
27 15 23 00-0230	MLF			48-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	17,164.71 308.51	617.03
27 15 23 00-0231				62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0210)</small>		
27 15 23 00-0232	MLF			2-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,727.77 274.23	548.47
27 15 23 00-0233	MLF			4-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	3,299.62 274.23	548.47
27 15 23 00-0234	MLF			6-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	4,242.46 274.23	548.47
27 15 23 00-0235	MLF			8-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	5,643.79 274.23	548.47
27 15 23 00-0236	MLF			12-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	6,225.71 274.23	548.47
27 15 23 00-0237	MLF			18-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	8,271.07 308.51	617.03
27 15 23 00-0238	MLF			24-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	10,371.18 308.51	617.03
27 15 23 00-0239	MLF			36-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	11,807.03 308.51	617.03
27 15 23 00-0240	MLF			48-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	17,971.53 308.51	617.03
27 15 23 00-0241				Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0159)</small>		
27 15 23 00-0242				Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0241)</small>		
27 15 23 00-0243				Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0242)</small>		
27 15 23 00-0244	MLF			1-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	1,275.16 274.23	548.47
27 15 23 00-0245	MLF			2-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	1,280.61 274.23	548.47
27 15 23 00-0246	MLF			4-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	1,566.64 274.23	548.47
27 15 23 00-0247	MLF			6-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Aluminum Armored Cable, Add</i> <i>For Steel Armored Cable, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,600.11 1,313.89 5,302.69 274.23	548.47
27 15 23 00-0248	MLF			8-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	1,768.60 274.23	548.47

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**
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27 15 23 00-0249	MLF 12-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,800.12	548.47
	<i>For Aluminum Armored Cable, Add</i>	1,392.42	
	<i>For Steel Armored Cable, Add</i>	5,671.18	
	<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0250	MLF 18-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	3,916.85	617.03
	<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0251	MLF 24-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	5,000.03	617.03
	<i>For Aluminum Armored Cable With Sub-Units, Add</i>	1,080.62	
	<i>For Steel Armored Cable, Add</i>	5,535.54	
	<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0252	MLF 36-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	7,867.08	617.03
	<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0253	MLF 48-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	8,069.04	617.03
	<i>For Aluminum Armored Cable With Sub-Units, Add</i>	1,656.81	
	<i>For Steel Armored Cable, Add</i>	6,637.85	
	<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0254	MLF 60-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	9,712.59	617.03
	<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0255	MLF 72-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	11,467.37	617.03
	<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0256	MLF 96-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	15,114.17	617.03
	<i>For Work In Restricted Working Space, Add</i>	308.51	

27 15 23 00-0257 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed

(27 15 23 00-0242)

27 15 23 00-0258	MLF 1-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,229.90	548.47
	<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0259	MLF 2-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,870.44	548.47
	<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0260	MLF 4-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	2,456.29	548.47
	<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0261	MLF 6-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	3,053.90	548.47
	<i>For Aluminum Armored Cable, Add</i>	-338.42	
	<i>For Steel Armored Cable, Add</i>	-2.25	
	<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0262	MLF 8-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	3,626.52	548.47
	<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0263	MLF 12-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	4,124.04	548.47
	<i>For Aluminum Armored Cable, Add</i>	-689.38	
	<i>For Steel Armored Cable, Add</i>	-307.77	
	<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0264	MLF 18-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	5,217.55	617.03
	<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0265	MLF 24-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	9,467.01	617.03
	<i>For Aluminum Armored Cable With Sub-Units, Add</i>	2,506.88	
	<i>For Steel Armored Cable, Add</i>	5,846.77	
	<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0266	MLF 36-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	13,686.33	617.03
	<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0267	MLF 48-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	17,905.65	617.03
	<i>For Aluminum Armored Cable With Sub-Units, Add</i>	7,444.09	
	<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0268	MLF 60-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	22,124.97	617.03
	<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0269	MLF 72-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	26,344.29	617.03
	<i>For Work In Restricted Working Space, Add</i>	308.51	
	<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0270	MLF 96-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	34,813.07	617.03
	<i>For Work In Restricted Working Space, Add</i>	308.51	
	<i>For Aluminum Armored Cable With Sub-Units, Add</i>	14,888.17	
	<i>For Work In Restricted Working Space, Add</i>	308.51	

27 15 23 00-0271 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed

(27 15 23 00-0242)

27 15 23 00-0272	MLF 1-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,245.69	548.47
	<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0273	MLF 2-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,918.26	548.47
	<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0274	MLF 4-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	2,533.40	548.47
	<i>For Work In Restricted Working Space, Add</i>	274.23	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 15 23 00-0275	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,160.89	548.47
		<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0276	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,762.14	548.47
		<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0277	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,284.54	548.47
		<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0278	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,427.01	617.03
		<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0279	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,888.94	617.03
		<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0280	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	14,319.23	617.03
		<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0281	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	18,749.51	617.03
		<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0282	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	23,179.80	617.03
		<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0283	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	27,610.09	617.03
		<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0284	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	36,502.30	617.03
		<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0285		Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0241)</small>		
27 15 23 00-0286		Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0285)</small>		
27 15 23 00-0287	MLF	2-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,026.53	548.47
		<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0288	MLF	4-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,426.05	548.47
		<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0289	MLF	6-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,386.50	548.47
		<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0290	MLF	8-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,327.77	548.47
		<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0291	MLF	12-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,830.03	548.47
		<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0292	MLF	18-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,631.37	617.03
		<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0293	MLF	24-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	13,768.19	617.03
		<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0294	MLF	36-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	16,598.09	617.03
		<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0295	MLF	48-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	20,642.39	617.03
		<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0296		50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0285)</small>		
27 15 23 00-0297	MLF	2-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,319.92	548.47
		<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0298	MLF	4-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,898.58	548.47
		<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0299	MLF	6-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,716.42	548.47
		<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0300	MLF	8-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	12,152.56	548.47
		<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0301	MLF	12-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	14,380.45	548.47
		<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0302	MLF	18-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	19,653.65	617.03
		<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0303	MLF	24-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	23,099.66	617.03
		<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0304	MLF	36-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	25,492.26	617.03
		<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0305	MLF	48-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	40,810.53	617.03
		<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0306		62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0285)</small>		

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27 15 23 00-0307	MLF	2-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	6,590.21	548.47
		<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0308	MLF	4-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	8,247.81	548.47
		<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0309	MLF	6-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	11,206.54	548.47
		<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0310	MLF	8-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	12,714.48	548.47
		<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0311	MLF	12-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	15,053.77	548.47
		<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0312	MLF	18-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	20,584.92	617.03
		<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0313	MLF	24-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	24,203.23	617.03
		<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0314	MLF	36-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	26,715.45	617.03
		<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0315	MLF	48-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	42,799.64	617.03
		<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0316		Hybrid, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0001)</small> Note: Singlemode and multimode combination cable. Excludes conduit or innerduct.		
27 15 23 00-0317		Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0316)</small>		
27 15 23 00-0318	MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit.....	1,401.14	411.34
27 15 23 00-0319	MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit.....	2,368.90	411.34
27 15 23 00-0320	MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit.....	5,463.03	479.91
27 15 23 00-0321	MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit.....	8,608.04	479.91
27 15 23 00-0322		Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0316)</small>		
27 15 23 00-0323	MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit.....	1,668.87	411.34
27 15 23 00-0324	MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit.....	2,406.57	411.34
27 15 23 00-0325	MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit.....	6,482.89	479.91
27 15 23 00-0326	MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit.....	11,177.93	479.91
27 15 23 00-0327		Hybrid, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0001)</small> Note: Singlemode and multimode combination cable. For non-conduit installations such as cable trays, surface runways, etc.		
27 15 23 00-0328		Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0327)</small>		
27 15 23 00-0329	MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed.....	1,629.66	548.47
		<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0330	MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed.....	2,597.42	548.47
		<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0331	MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed.....	5,691.55	617.03
		<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0332	MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed.....	8,836.56	617.03
		<i>For Work In Restricted Working Space, Add</i>	308.51	
27 15 23 00-0333		Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0327)</small>		
27 15 23 00-0334	MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed.....	1,897.39	548.47
		<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0335	MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed.....	2,635.09	548.47
		<i>For Work In Restricted Working Space, Add</i>	274.23	
27 15 23 00-0336	MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed.....	6,711.41	617.03
		<i>For Work In Restricted Working Space, Add</i>	308.51	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 15 23 00-0337	MLF 48-Fiber, 24 Singlemode/24 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	11,406.45 308.51	617.03
27 15 23 00-0338	Outdoor Fiber Optic Cable <small>(27 15 23)</small> Note: Cable buried in trench excludes excavation.		
27 15 23 00-0339	Outdoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0338)</small> Note: Excludes conduit or innerduct.		
27 15 23 00-0340	Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0339)</small>		
27 15 23 00-0341	Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0340)</small>		
27 15 23 00-0342	MLF 2-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,895.51 256.12	822.70
27 15 23 00-0343	MLF 4-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,927.40 258.24	822.70
27 15 23 00-0344	MLF 6-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,959.33 260.29	822.70
27 15 23 00-0345	MLF 8-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,991.23 262.79	822.70
27 15 23 00-0346	MLF 12-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,054.64 237.79	822.70
27 15 23 00-0347	MLF 18-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,184.33 264.93	822.70
27 15 23 00-0348	MLF 24-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,251.00 208.56	822.70
27 15 23 00-0349	MLF 36-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,271.56 243.78	822.70
27 15 23 00-0350	MLF 48-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,653.11 268.20	822.70
27 15 23 00-0351	MLF 60-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,863.46 268.17	822.70
27 15 23 00-0352	MLF 72-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,136.37 316.96	822.70
27 15 23 00-0353	MLF 96-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,616.83 304.31	822.70
27 15 23 00-0354	MLF 120-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,141.80 369.52	822.70
27 15 23 00-0355	MLF 144-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,691.24 247.36	822.70
27 15 23 00-0356	50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0340)</small>		
27 15 23 00-0357	MLF 2-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,814.17 -4.29	822.70
27 15 23 00-0358	MLF 4-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,896.07 42.92	822.70
27 15 23 00-0359	MLF 6-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,067.67 111.11	822.70
27 15 23 00-0360	MLF 8-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,301.67 -67.54	822.70
27 15 23 00-0361	MLF 12-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,399.17 -35.94	822.70
27 15 23 00-0362	MLF 18-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,730.67 -16.98	822.70
27 15 23 00-0363	MLF 24-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,432.67 -91.84	822.70
27 15 23 00-0364	MLF 36-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	5,466.17 -0.21	822.70
27 15 23 00-0365	MLF 48-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	6,616.67 -210.00	822.70
27 15 23 00-0366	MLF 60-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	7,416.17 -105.71	822.70
27 15 23 00-0367	MLF 72-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	8,449.67 483.95	822.70
27 15 23 00-0368	MLF 96-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	10,848.17 -217.61	822.70
27 15 23 00-0369	MLF 120-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	13,227.17 -290.98	822.70
27 15 23 00-0370	MLF 144-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	15,606.17 -345.90	822.70
27 15 23 00-0371	62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0340)</small>		
27 15 23 00-0372	MLF 2-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,674.26 109.53	822.70
27 15 23 00-0373	MLF 4-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,779.57 117.46	822.70
27 15 23 00-0374	MLF 6-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,884.71 125.19	822.70
27 15 23 00-0375	MLF 8-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,014.60 142.53	822.70

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

27 15 23 00-0376	MLF 12-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	2,200.61	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	148.62	
27 15 23 00-0377	MLF 18-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	2,529.48	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	158.40	
27 15 23 00-0378	MLF 24-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	2,841.01	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	182.15	
27 15 23 00-0379	MLF 36-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	3,437.24	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	202.42	
27 15 23 00-0380	MLF 48-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	4,134.61	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	232.74	
27 15 23 00-0381	MLF 60-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	4,778.72	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	250.44	
27 15 23 00-0382	MLF 72-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	5,458.56	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	283.46	
27 15 23 00-0383	MLF 96-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	6,833.54	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	318.71	
27 15 23 00-0384	MLF 120-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	8,230.59	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	361.70	
27 15 23 00-0385	MLF 144-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	9,649.21	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	332.24	

27 15 23 00-0386 Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit

(27 15 23 00-0386)

27 15 23 00-0387 Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit

(27 15 23 00-0386)

27 15 23 00-0388	MLF 2-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	2,078.11	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	202.40	
27 15 23 00-0389	MLF 4-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	2,140.29	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	290.50	
27 15 23 00-0390	MLF 6-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	2,158.95	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	278.41	
27 15 23 00-0391	MLF 8-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	2,233.44	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	231.76	
27 15 23 00-0392	MLF 12-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	2,256.68	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	277.00	
27 15 23 00-0393	MLF 18-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	2,361.07	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	262.71	
27 15 23 00-0394	MLF 24-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	2,454.66	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	265.83	
27 15 23 00-0395	MLF 36-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	2,603.97	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	337.10	
27 15 23 00-0396	MLF 48-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	2,814.32	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	341.50	
27 15 23 00-0397	MLF 60-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	3,023.85	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	353.79	
27 15 23 00-0398	MLF 72-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	3,307.93	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	304.32	
27 15 23 00-0399	MLF 96-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	3,767.44	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	396.88	
27 15 23 00-0400	MLF 120-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	4,368.60	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	390.80	
27 15 23 00-0401	MLF 144-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	4,860.54	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	312.17	

27 15 23 00-0402 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit

(27 15 23 00-0386)

27 15 23 00-0403	MLF 2-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	2,287.73	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	286.42	
27 15 23 00-0404	MLF 4-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	2,505.41	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	160.40	
27 15 23 00-0405	MLF 6-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	2,791.84	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	34.37	
27 15 23 00-0406	MLF 8-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	2,929.32	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	57.28	
27 15 23 00-0407	MLF 12-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	3,066.81	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	57.28	
27 15 23 00-0408	MLF 18-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	3,387.60	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	68.74	
27 15 23 00-0409	MLF 24-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	3,674.03	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	263.51	
27 15 23 00-0410	MLF 36-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	4,292.71	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	515.56	
27 15 23 00-0411	MLF 48-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	4,911.38	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	859.28	
27 15 23 00-0412	MLF 60-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	5,426.95	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	945.20	
27 15 23 00-0413	MLF 72-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	6,102.91	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,202.98	
27 15 23 00-0414	MLF 96-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	7,512.12	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,775.84	
27 15 23 00-0415	MLF 120-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	8,222.46	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,340.47	
27 15 23 00-0416	MLF 144-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	10,044.12	822.70
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,265.24	

27 15 23 00-0417	62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0386)</small>		
	MLF 2-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 1,745.37	822.70	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> 137.48		
	MLF 4-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 1,848.48	822.70	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> 148.62		
	MLF 6-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 1,951.42	822.70	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> 159.74		
	MLF 8-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 2,054.54	822.70	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> 170.86		
	MLF 12-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 2,321.64	822.70	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> 183.77		
	MLF 18-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 2,583.56	822.70	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> 215.35		
	MLF 24-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 2,904.51	822.70	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> 233.91		
	MLF 36-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 3,525.72	822.70	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> 289.00		
	MLF 48-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 4,158.54	822.70	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> 331.12		
	MLF 60-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 4,793.55	822.70	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> 368.72		
	MLF 72-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 5,461.25	822.70	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> 411.18		
	MLF 96-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 6,816.18	822.70	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> 484.83		
	MLF 120-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 8,565.02	822.70	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> 501.20		
	MLF 144-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 9,589.91	822.70	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> 517.40		
27 15 23 00-0432	Outdoor Fiber Optic Cable, Buried In Trench <small>(27 15 23 00-0338)</small>		
	Note: Excludes trenching.		
27 15 23 00-0433	Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <small>(27 15 23 00-0432)</small>		
27 15 23 00-0434	Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <small>(27 15 23 00-0433)</small>		
	MLF 2-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench 1,781.24		
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> 256.12		
	MLF 4-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench 1,813.13		
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> 258.24		
	MLF 6-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench 1,845.06		
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> 260.29		
	MLF 8-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench 1,876.96		
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> 262.79		
	MLF 12-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench 1,940.37		
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> 237.79		
	MLF 18-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench 2,070.06		
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> 264.93		
	MLF 24-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench 2,136.73		
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> 208.56		
	MLF 36-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench 2,157.29		
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> 243.78		
	MLF 48-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench 2,538.84		
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> 268.20		
	MLF 60-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench 3,017.36		
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> 268.17		
	MLF 72-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench 3,339.06		
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> 316.96		
	MLF 96-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench 3,502.56		
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> 304.31		
	MLF 120-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench 4,027.53		
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> 369.52		
	MLF 144-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench 4,576.97		
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> 247.36		
27 15 23 00-0449	50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <small>(27 15 23 00-0433)</small>		
	MLF 2-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench 2,699.90		
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> -4.29		
	MLF 4-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench 2,781.80		
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> 42.92		
	MLF 6-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench 2,953.40		
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> 111.11		
	MLF 8-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench 3,187.40		
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> -67.54		
	MLF 12-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench 3,284.90		
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> -35.94		
	MLF 18-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench 3,616.40		
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> -16.98		
	MLF 24-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench 4,318.40		
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> -91.84		
	MLF 36-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench 5,351.90		
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> -0.21		

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

27 15 23 00-0458	MLF 48-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	6,502.40	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-210.00	
27 15 23 00-0459	MLF 60-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	7,301.90	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-105.71	
27 15 23 00-0460	MLF 72-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	8,335.40	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	483.95	
27 15 23 00-0461	MLF 96-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	10,733.90	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-217.61	
27 15 23 00-0462	MLF 120-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	13,112.90	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-290.98	
27 15 23 00-0463	MLF 144-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	15,491.90	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-345.90	

27 15 23 00-0464 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench (27 15 23 00-0433)

27 15 23 00-0465	MLF 2-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,559.99	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	109.53	
27 15 23 00-0466	MLF 4-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,665.30	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	117.46	
27 15 23 00-0467	MLF 6-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,770.44	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	125.19	
27 15 23 00-0468	MLF 8-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,900.33	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	142.53	
27 15 23 00-0469	MLF 12-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,086.34	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	148.62	
27 15 23 00-0470	MLF 18-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,415.21	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	158.40	
27 15 23 00-0471	MLF 24-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,726.74	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	182.15	
27 15 23 00-0472	MLF 36-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,322.97	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	202.42	
27 15 23 00-0473	MLF 48-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,020.34	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	232.74	
27 15 23 00-0474	MLF 60-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,664.45	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	250.44	
27 15 23 00-0475	MLF 72-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,344.29	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	283.46	
27 15 23 00-0476	MLF 96-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	6,719.27	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	318.71	
27 15 23 00-0477	MLF 120-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	8,116.32	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	361.70	
27 15 23 00-0478	MLF 144-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	9,534.94	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	332.24	

27 15 23 00-0479 Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench (27 15 23 00-0432)
27 15 23 00-0480 Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench (27 15 23 00-0479)

27 15 23 00-0481	MLF 2-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,963.84	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	202.40	
27 15 23 00-0482	MLF 4-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,026.02	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	290.50	
27 15 23 00-0483	MLF 6-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,044.68	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	278.41	
27 15 23 00-0484	MLF 8-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,119.17	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	231.76	
27 15 23 00-0485	MLF 12-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,142.41	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	277.00	
27 15 23 00-0486	MLF 18-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,246.80	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	262.71	
27 15 23 00-0487	MLF 24-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,340.39	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	265.83	
27 15 23 00-0488	MLF 36-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,489.70	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	337.10	
27 15 23 00-0489	MLF 48-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,700.05	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	341.50	
27 15 23 00-0490	MLF 60-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,909.58	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	353.79	
27 15 23 00-0491	MLF 72-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,193.66	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	304.32	
27 15 23 00-0492	MLF 96-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,653.17	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	396.88	
27 15 23 00-0493	MLF 120-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,254.33	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	390.80	
27 15 23 00-0494	MLF 144-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,746.27	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	312.17	

27 15 23 00-0495 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench (27 15 23 00-0479)

27 15 23 00-0496	MLF 2-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,173.46	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	286.42	
27 15 23 00-0497	MLF 4-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,391.14	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	160.40	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 15 23 00-0498	MLF			6-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,677.57 34.37	
27 15 23 00-0499	MLF			8-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,815.05 57.28	
27 15 23 00-0500	MLF			12-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,952.54 57.28	
27 15 23 00-0501	MLF			18-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,273.33 68.74	
27 15 23 00-0502	MLF			24-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,559.76 263.51	
27 15 23 00-0503	MLF			36-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,178.44 515.56	
27 15 23 00-0504	MLF			48-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,797.11 859.28	
27 15 23 00-0505	MLF			60-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	5,312.68 945.20	
27 15 23 00-0506	MLF			72-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	5,988.64 1,202.98	
27 15 23 00-0507	MLF			96-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	7,397.85 1,775.84	
27 15 23 00-0508	MLF			120-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	8,108.19 1,340.47	
27 15 23 00-0509	MLF			144-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	9,929.85 3,265.24	

27 15 23 00-0510 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench (27 15 23 00-0479)

27 15 23 00-0511	MLF			2-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,631.10 137.48	
27 15 23 00-0512	MLF			4-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,734.21 148.62	
27 15 23 00-0513	MLF			6-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,837.15 159.74	
27 15 23 00-0514	MLF			8-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,940.27 170.86	
27 15 23 00-0515	MLF			12-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,207.37 183.77	
27 15 23 00-0516	MLF			18-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,469.29 215.35	
27 15 23 00-0517	MLF			24-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,790.24 233.91	
27 15 23 00-0518	MLF			36-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,411.45 289.00	
27 15 23 00-0519	MLF			48-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,044.27 331.12	
27 15 23 00-0520	MLF			60-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,679.28 368.72	
27 15 23 00-0521	MLF			72-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	5,346.98 411.18	
27 15 23 00-0522	MLF			96-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	6,701.91 484.83	
27 15 23 00-0523	MLF			120-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	8,145.46 501.20	
27 15 23 00-0524	MLF			144-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	9,475.64 517.40	

27 15 23 00-0525 (Aerial) Outdoor Fiber Optic Cable, Installed On Poles (27 15 23 00-0338)

27 15 23 00-0526 Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles (27 15 23 00-0525)

27 15 23 00-0527 Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles (27 15 23 00-0526)

27 15 23 00-0528	MLF			2-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	8,996.39 171.31	3,106.07
27 15 23 00-0529	MLF			4-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	9,028.07 175.74	3,106.07
27 15 23 00-0530	MLF			6-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	9,060.17 180.06	3,106.07
27 15 23 00-0531	MLF			8-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	9,091.86 176.61	3,106.07
27 15 23 00-0532	MLF			12-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	9,155.26 205.89	3,106.07
27 15 23 00-0533	MLF			18-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	9,280.44 214.05	3,106.07
27 15 23 00-0534	MLF			24-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	9,375.91 236.59	3,106.07
27 15 23 00-0535	MLF			36-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	9,602.89 226.85	3,106.07
27 15 23 00-0536	MLF			48-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	9,801.40 263.55	3,106.07
27 15 23 00-0537	MLF			60-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	9,965.50 252.72	3,106.07
27 15 23 00-0538	MLF			72-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	10,170.20 288.93	3,106.07

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0539	MLF		96-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	10,707.45 293.46	3,106.07
27 15 23 00-0540	MLF		120-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	11,283.86 350.17	3,106.07
27 15 23 00-0541	MLF		144-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	11,422.05 376.01	3,106.07
27 15 23 00-0542			Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0338)</small> Note: Singlemode and multimode combination cable. Excludes conduit or innerduct.		
27 15 23 00-0543			Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0542)</small>		
27 15 23 00-0544	MLF		12-Fiber, 6 Singlemode/6 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit.....	3,584.36	685.58
27 15 23 00-0545	MLF		24-Fiber, 12 Singlemode/12 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit.....	4,511.93	685.58
27 15 23 00-0546	MLF		48-Fiber, 24 Singlemode/24 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit.....	6,578.24	685.58
27 15 23 00-0547			Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0542)</small>		
27 15 23 00-0548	MLF		12-Fiber, 6 Singlemode/6 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit.....	4,767.44	685.58
27 15 23 00-0549	MLF		24-Fiber, 12 Singlemode/12 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit.....	5,294.56	685.58
27 15 23 00-0550	MLF		48-Fiber, 24 Singlemode/24 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit.....	7,600.35	685.58
27 15 23 00-0551			Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench <small>(27 15 23 00-0338)</small> Note: Singlemode and multimode combination cable. Excludes trenching.		
27 15 23 00-0552			Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench <small>(27 15 23 00-0551)</small>		
27 15 23 00-0553	MLF		12-Fiber, 6 Singlemode/6 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench.....	3,470.09	628.45
27 15 23 00-0554	MLF		24-Fiber, 12 Singlemode/12 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench.....	4,397.66	628.45
27 15 23 00-0555	MLF		48-Fiber, 24 Singlemode/24 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench.....	6,463.97	628.45
27 15 23 00-0556			Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench <small>(27 15 23 00-0551)</small>		
27 15 23 00-0557	MLF		12-Fiber, 6 Singlemode/6 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench.....	4,653.17	628.45
27 15 23 00-0558	MLF		24-Fiber, 12 Singlemode/12 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench.....	5,180.29	628.45
27 15 23 00-0559	MLF		48-Fiber, 24 Singlemode/24 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench.....	7,486.08	628.45
27 15 33			Communications Coaxial Horizontal Cabling <small>(27 15)</small> Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.		
27 15 33 00-0001			Indoor Coaxial Cable <small>(27 15 33)</small>		
27 15 33 00-0002			Coaxial Distribution Cable <small>(27 15 33 00-0001)</small> Note: Cables shall be as Belden, Times Fiber, West Penn or approved equal. For tasks installed in conduit, tasks exclude conduit.		
27 15 33 00-0003	MLF		RG-6/U Coaxial Distribution Cable, Installed In Conduit.....	1,940.61	334.04
27 15 33 00-0004	MLF		RG-6A/U Coaxial Distribution Cable, Installed In Conduit.....	6,537.62	334.04
27 15 33 00-0005	MLF		RG-8/U Coaxial Distribution Cable, Installed In Conduit.....	3,570.39	352.83
27 15 33 00-0006	MLF		RG-8A/U Coaxial Distribution Cable, Installed In Conduit.....	4,433.91	352.83
27 15 33 00-0007	MLF		RG-11/U Coaxial Distribution Cable, Installed In Conduit.....	4,017.38	417.55
27 15 33 00-0008	MLF		RG-11A/U Coaxial Distribution Cable, Installed In Conduit.....	5,687.35	417.55
27 15 33 00-0009	MLF		RG-11/U Coaxial Distribution Cable, Plenum Rated, Installed Exposed.....	12,075.36	584.57
27 15 33 00-0010	MLF		RG-58/U Coaxial Distribution Cable, Installed In Conduit.....	1,463.88	292.29
27 15 33 00-0011	MLF		RG-58A/U Coaxial Distribution Cable, Installed In Conduit.....	1,635.00	292.29
27 15 33 00-0012	MLF		RG-58C/U Coaxial Distribution Cable, Installed In Conduit.....	1,936.42	292.29
27 15 33 00-0013	MLF		RG-58/U Coaxial Distribution Cable, Plenum Rated, Installed Exposed.....	4,636.01	584.57
27 15 33 00-0014	MLF		RG-59/U Coaxial Distribution Cable, Installed In Conduit.....	2,263.30	292.29
27 15 33 00-0015	MLF		RG-59/U Coaxial Distribution Cable, Plenum Rated, Installed Exposed.....	5,532.86	584.57
27 15 33 00-0016	MLF		1/2" Hard Line Coaxial, Installed In Conduit.....	2,018.32	417.55
27 15 33 00-0017			Coaxial, Indoor Telecommunications Cable <small>(27 15 33 00-0001)</small>		
27 15 33 00-0018			Coaxial, Indoor Telecommunications Cable, Installed In Conduit <small>(27 15 33 00-0017)</small>		
27 15 33 00-0019	MLF		RG 59/U Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 9108).....	1,278.96	479.91
27 15 33 00-0020	MLF		RG 59/U Plenum Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 82108).....	2,645.55	479.91
27 15 33 00-0021	MLF		RG 6/U Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 9114).....	1,144.81	548.47
27 15 33 00-0022	MLF		RG 6/U Plenum Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 82120).....	3,298.12	548.47
27 15 33 00-0023			Coaxial, Indoor Telecommunications Cable, Installed Exposed <small>(27 15 33 00-0017)</small>		
27 15 33 00-0024	MLF		RG 59/U Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 9108)..... <i>For Work In Restricted Working Space, Add</i>	2,078.80 479.91	959.81
27 15 33 00-0025	MLF		RG 59/U Plenum Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 82108)..... <i>For Work In Restricted Working Space, Add</i>	3,445.39 479.91	959.81

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 15 33 00-0026	MLF	RG 6/U Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 9114).....		2,058.93		1,096.93
		<i>For Work In Restricted Working Space, Add</i>		548.47		
27 15 33 00-0027	MLF	RG 6/U Plenum Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 82120).....		4,212.24		1,096.93
		<i>For Work In Restricted Working Space, Add</i>		548.47		

27 15 33 00-0028 Outdoor Coaxial Cable (27 15 33)

27 15 33 00-0029 Coaxial Cables "Television" Copper Covered Aluminum Center Core (27 15 33 00-0028)

Note: Corrugated steel armor jacket.

27 15 33 00-0030	MLF	TV Coaxial Trunk Cable 3/4" Diameter, Direct Burial.....		5,809.93		1,562.91
27 15 33 00-0031	MLF	TV Coaxial Distribution Cable 1/2" Diameter, Direct Burial.....		3,724.32		1,099.32
27 15 33 00-0032	MLF	TV Coaxial Distribution Cable 3/8" Diameter, Direct Burial.....		2,996.02		648.57
27 15 33 00-0033	MLF	TV Coaxial Cable Drop 1/4" Diameter, Direct Burial.....		1,797.40		648.57
27 15 33 00-0034	MLF	1/4" Diameter, TV Coaxial Cable Drop, Installed In Conduit.....		2,709.50		1,013.41

27 15 43 Communications Faceplates and Connectors (27 15)

27 15 43 00-0001 Plastic Communications Faceplates (27 15 43)

Note: Excludes modular jacks. See CSI section 27 15 43 00-0035 for modular jacks.

27 15 43 00-0002	EA	One Port, Single Gang, Plastic Communication Faceplate With Station ID.....		9.39		2.86
27 15 43 00-0003	EA	Two Port, Single Gang, Plastic Communication Faceplate With Station ID.....		9.39		2.86
27 15 43 00-0004	EA	Three Port, Single Gang, Plastic Communication Faceplate With Station ID.....		9.39		2.86
27 15 43 00-0005	EA	Four Port, Single Gang, Plastic Communication Faceplate With Station ID.....		9.39		2.86
27 15 43 00-0006	EA	Six Port, Single Gang, Plastic Communication Faceplate With Station ID.....		9.39		2.86
27 15 43 00-0007	EA	Four Port, Double Gang, Plastic Communications Faceplate With Station ID.....		16.28		2.86
27 15 43 00-0008	EA	Six Port, Double Gang, Plastic Communication Faceplate With Station ID.....		16.28		2.86
27 15 43 00-0009	EA	Eight Port, Double Gang, Plastic Communication Faceplate With Station ID.....		16.28		2.86
27 15 43 00-0010	EA	Nine Port, Double Gang, Plastic Communication Faceplate With Station ID.....		16.28		2.86
27 15 43 00-0011	EA	Twelve Port, Double Gang, Plastic Communication Faceplate With Station ID.....		16.28		2.86

27 15 43 00-0012 Stainless Steel Communications Faceplates (27 15 43)

Note: Excludes modular jacks. See CSI section 27 15 43 00-0035 for modular jacks.

27 15 43 00-0013 Stainless Steel Communications Faceplates (27 15 43 00-0012)

27 15 43 00-0014	EA	One Port, Single Gang, Stainless Steel Communications Faceplate.....		18.28		2.86
27 15 43 00-0015	EA	Two Port, Single Gang, Stainless Steel Communications Faceplate.....		18.28		2.86
27 15 43 00-0016	EA	Three Port, Single Gang, Stainless Steel Communications Faceplate.....		18.28		2.86
27 15 43 00-0017	EA	Four Port, Single Gang, Stainless Steel Communications Faceplate.....		19.59		2.86
27 15 43 00-0018	EA	Six Port, Single Gang, Stainless Steel Communications Faceplate.....		19.59		2.86
27 15 43 00-0019	EA	Four Port, Double Gang, Stainless Steel Communications Faceplate.....		26.60		2.86
27 15 43 00-0020	EA	Six Port, Double Gang, Stainless Steel Communications Faceplate.....		27.42		2.86
27 15 43 00-0021	EA	Eight Port, Double Gang, Stainless Steel Communications Faceplate.....		31.82		2.86
27 15 43 00-0022	EA	Nine Port, Double Gang, Stainless Steel Communication Faceplate.....		31.82		2.86
27 15 43 00-0023	EA	Twelve Port, Double Gang, Stainless Steel Communications Faceplate.....		31.82		2.86

27 15 43 00-0024 Stainless Steel Communications Faceplates With Station ID (27 15 43 00-0012)

27 15 43 00-0025	EA	One Port, Single Gang, Stainless Steel Communications Faceplate With Station ID.....		26.44		2.86
27 15 43 00-0026	EA	Two Port, Single Gang, Stainless Steel Communications Faceplate With Station ID.....		26.44		2.86
27 15 43 00-0027	EA	Three Port, Single Gang, Stainless Steel Communications Faceplate With Station ID.....		26.44		2.86
27 15 43 00-0028	EA	Four Port, Single Gang, Stainless Steel Communications Faceplate With Station ID.....		26.44		2.86
27 15 43 00-0029	EA	Six Port, Single Gang, Stainless Steel Communications Faceplate With Station ID.....		26.44		2.86
27 15 43 00-0030	EA	Four Port, Double Gang, Stainless Steel Communications Faceplate With Station ID.....		57.60		2.86
27 15 43 00-0031	EA	Six Port, Double Gang, Stainless Steel Communications Faceplate With Station ID.....		57.60		2.86
27 15 43 00-0032	EA	Eight Port, Double Gang, Stainless Steel Communications Faceplate With Station ID.....		57.60		2.86
27 15 43 00-0033	EA	Nine Port, Double Gang, Stainless Steel Communication Faceplate With Station ID.....		57.60		2.86
27 15 43 00-0034	EA	Twelve Port, Double Gang, Stainless Steel Communications Faceplate With Station ID.....		57.60		2.86

27 15 43 00-0035 Snap-In Modular Jacks (27 15 43)

Note: Includes termination.

27 15 43 00-0036	EA	Cat 3, Snap-In Modular Jack.....		32.19		11.45
27 15 43 00-0037	EA	Category 5E, Snap-In Modular Jack.....		33.98		11.45
27 15 43 00-0038	EA	Category 5E Shielded, Snap-In Modular Jack.....		39.37		11.45
27 15 43 00-0039	EA	Cat 6, Snap-In Modular Jack.....		39.37		11.45
27 15 43 00-0040	EA	Cat 6 Shielded, Snap-In Modular Jack.....		45.40		11.45
27 15 43 00-0041	EA	Cat 6A, Snap-In Modular Jack.....		46.32		11.45
27 15 43 00-0042	EA	Voice, RJ-11, Snap-In Modular Jack.....		23.56		5.72
27 15 43 00-0043	EA	SC Type Fiber Optic, Snap-In Modular Jack.....		36.27		11.45
27 15 43 00-0044	EA	ST Type Fiber Optic, Snap-In Modular Jack.....		40.83		11.45
27 15 43 00-0045	EA	LC Type Fiber Optic, Snap-In Modular Jack.....		49.81		11.45
27 15 43 00-0046	EA	Blank Fill In, Snap-In Modular Jack.....		6.57		2.86
27 15 43 00-0047	EA	Open Cable Pass Through Insert, Snap-In Modular Jack.....		7.85		2.86
27 15 43 00-0048	EA	Coaxial F-Type Coupler, Snap-In Modular Jack.....		27.12		8.58

Note: Includes female to female connection.

				1.74		
27 15 43 00-0049	EA	RCA Jack Pass-Through Coupler, Snap-In Modular Jack.....		27.45		8.58
		<i>Note: Includes female to female connection.</i>				
27 15 43 00-0050	EA	RCA Solder Coupler, Snap-In Modular Jack.....		53.46		11.45
27 15 43 00-0051	EA	RCA Jack With 110 Punch Down, Snap-In Modular Jack.....		66.67		11.45
27 15 43 00-0052	EA	3.5 m Mini Stereo Jack, Snap-In Modular Jack.....		33.49		11.45
27 15 43 00-0053	EA	MT-RJ Pass-Through Coupler, Snap-In Modular Jack.....		36.70		5.72
27 15 43 00-0054	EA	BNC Connector, Snap-In Modular Jack.....		38.88		11.45

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 43 00-0055	EA	S-Video With 110 Punch Down, Snap-In Modular Jack.....	43.77	11.45
27 15 43 00-0056	PR	Speaker Connectors, Snap-In Modular Jack	60.08	17.17
		Note: Includes a pair of binding posts, banana jacks or spring clip connectors. Requires two open ports.		
27 15 43 00-0057	EA	USB Audio Video Connector, Snap-In Modular Jack.....	66.28	11.45
27 15 43 00-0058		Surface Mount Plastic Communication Boxes (27 15 43)		
		Note: Excludes modular jacks. See CSI section 27 15 43 00-0035 for modular jacks.		
27 15 43 00-0059	EA	One Port, Surface Mount Plastic Communication Box With Station ID.....	33.27	14.31
27 15 43 00-0060	EA	Two Port, Surface Mount Plastic Communication Box With Station ID.....	34.08	14.31
27 15 43 00-0061	EA	Four Port, Surface Mount Plastic Communication Box With Station ID.....	39.71	14.31
27 15 43 00-0062	EA	Six Port, Surface Mount Plastic Communication Box With Station ID.....	46.40	14.31
27 15 43 00-0063	EA	Twelve Port, Surface Mount Plastic Communication Box With Station ID.....	53.42	14.31
27 15 43 00-0064		Wall Mounted Telephone Faceplates (27 15 43)		
		Note: Includes standard telephone mounting studs.		
27 15 43 00-0065		Plastic Faceplates For Wall Mounted Telephones (27 15 43 00-0064)		
27 15 43 00-0066	EA	Single Gang, 6-Position RJ25 Jack, Flush, Plastic Faceplate For Wall Mounted Telephones.....	41.15	14.28
27 15 43 00-0067		Stainless Steel Faceplates For Wall Mounted Telephones (27 15 43 00-0064)		
27 15 43 00-0068	EA	Single Gang, Keystone Opening, Flush, Stainless Steel Faceplate For Wall Mounted Telephones.....	34.27	5.71
		Note: Requires one snap-in modular jack.		
27 15 43 00-0069	EA	Single Gang, 6-Position RJ25 Jack, Flush, Stainless Steel Faceplate For Wall Mounted Telephones.....	59.42	14.28
27 15 43 00-0070	EA	Single Gang, 8-Position RJ45 Jack, Flush, Stainless Steel Faceplate For Wall Mounted Telephones.....	69.13	17.14
27 15 43 00-0071	EA	Single Gang, Keystone Opening, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones.....	32.93	5.71
		Note: Requires one snap-in modular jack.		
27 15 43 00-0072	EA	Single Gang, 6-Position RJ25 Jack, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones.....	53.78	14.28
27 15 43 00-0073	EA	Single Gang, 8-Position RJ45 Jack, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones.....	63.64	17.14
27 15 53		Communications Cable Innerduct (27 15)		
		Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.		
27 15 53 00-0001		Indoor Innerduct (27 15 53)		
27 15 53 00-0002		Indoor Innerduct, Installed In Conduit (27 15 53 00-0001)		
27 15 53 00-0003		Riser Rated, Indoor Innerduct, Installed In Conduit (27 15 53 00-0002)		
27 15 53 00-0004	MLF	1" Riser Rated, Indoor Innerduct, Installed In Conduit.....	4,580.63	1,713.95
27 15 53 00-0005	MLF	1-1/4" Riser Rated, Indoor Innerduct, Installed In Conduit.....	5,919.47	2,285.27
27 15 53 00-0006	MLF	1-1/2" Riser Rated, Indoor Innerduct, Installed In Conduit.....	7,896.00	2,856.59
27 15 53 00-0007	MLF	2" Riser Rated, Indoor Innerduct, Installed In Conduit.....	9,210.32	3,427.91
27 15 53 00-0008		Plenum Rated, Indoor Innerduct, Installed In Conduit (27 15 53 00-0002)		
27 15 53 00-0009	MLF	3/4" Plenum Rated, Indoor Innerduct, Installed In Conduit.....	6,894.85	1,142.64
27 15 53 00-0010	MLF	1" Plenum Rated, Indoor Innerduct, Installed In Conduit.....	7,716.92	1,713.95
27 15 53 00-0011	MLF	1-1/4" Plenum Rated, Indoor Innerduct, Installed In Conduit.....	9,735.60	2,285.27
27 15 53 00-0012	MLF	1-1/2" Plenum Rated, Indoor Innerduct, Installed In Conduit.....	12,520.84	2,856.59
27 15 53 00-0013	MLF	2" Plenum Rated, Indoor Innerduct, Installed In Conduit.....	15,068.82	3,427.91
27 15 53 00-0014		Indoor Innerduct, Installed Exposed (27 15 53 00-0001)		
27 15 53 00-0015		Riser Rated, Indoor Innerduct, Installed Exposed (27 15 53 00-0014)		
27 15 53 00-0016	MLF	1" Riser Rated, Indoor Innerduct, Installed Exposed.....	5,723.26	2,285.27
		For Work In Restricted Working Space, Add	1,371.16	
27 15 53 00-0017	MLF	1-1/4" Riser Rated, Indoor Innerduct, Installed Exposed.....	7,062.11	2,856.59
		For Work In Restricted Working Space, Add	1,713.95	
27 15 53 00-0018	MLF	1-1/2" Riser Rated, Indoor Innerduct, Installed Exposed.....	9,038.64	3,427.91
		For Work In Restricted Working Space, Add	2,056.75	
27 15 53 00-0019	MLF	2" Riser Rated, Indoor Innerduct, Installed Exposed.....	10,352.94	3,999.23
		For Work In Restricted Working Space, Add	2,399.53	
27 15 53 00-0020		Plenum Rated, Indoor Innerduct, Installed Exposed (27 15 53 00-0014)		
27 15 53 00-0021	MLF	3/4" Plenum Rated, Indoor Innerduct, Installed Exposed.....	8,037.48	1,713.95
27 15 53 00-0022	MLF	1" Plenum Rated, Indoor Innerduct, Installed Exposed.....	8,859.55	2,285.27
		For Work In Restricted Working Space, Add	1,371.16	
27 15 53 00-0023	MLF	1-1/4" Plenum Rated, Indoor Innerduct, Installed Exposed.....	10,878.24	2,856.59
		For Work In Restricted Working Space, Add	1,713.95	
27 15 53 00-0024	MLF	1-1/2" Plenum Rated, Indoor Innerduct, Installed Exposed.....	13,663.48	3,427.91
		For Work In Restricted Working Space, Add	2,056.75	
27 15 53 00-0025	MLF	2" Plenum Rated, Indoor Innerduct, Installed Exposed.....	16,211.44	3,999.23
		For Work In Restricted Working Space, Add	2,399.53	
27 15 53 00-0026		Outdoor Innerduct (27 15 53)		
27 15 53 00-0027		Outdoor Innerduct, Installed In Conduit (27 15 53 00-0026)		
27 15 53 00-0028	MLF	1" Outdoor Innerduct, Installed In Conduit.....	4,286.32	1,713.95
27 15 53 00-0029	MLF	1-1/4" Outdoor Innerduct, Installed In Conduit.....	5,485.47	2,285.27
27 15 53 00-0030	MLF	1-1/2" Outdoor Innerduct, Installed In Conduit.....	7,018.46	2,856.59

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 15 53 00-0031	MLF	2" Outdoor Innerduct, Installed In Conduit.....		8,379.87	3,427.91
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27 15 53 00-0032 Outdoor Innerduct, Buried In Trench (27 15 53 00-0026)

27 15 53 00-0033	MLF	1" Outdoor Innerduct, Buried In Trench.....		3,143.68	
27 15 53 00-0034	MLF	1-1/4" Outdoor Innerduct, Buried In Trench.....		4,342.84	
27 15 53 00-0035	MLF	1-1/2" Outdoor Innerduct, Buried In Trench.....		5,875.82	
27 15 53 00-0036	MLF	2" Outdoor Innerduct, Buried In Trench.....		7,237.23	

27 16 Communications Connecting Cords, Devices, and Adapters (27 16)
27 16 16 Communications Media Converters, Adapters, and Transceivers (27 16)
27 16 16 00-0001 Fiber Optic Receivers (27 16 16)

27 16 16 00-0002	EA	Fiber Optic Receiver, Range 6.2 Miles.....		826.00	57.13
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27 16 16 00-0003 Fiber Optic Transmitters (27 16 16)

27 16 16 00-0004	EA	Fiber Optic Transmitter, Range 6.2 Miles.....		825.99	57.13
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27 16 16 00-0005 Fiber Optic Repeaters (27 16 16)

Note: Consist of transmitter and receiver, back-to-back. Excludes power source.

27 16 16 00-0006	EA	Fiber Optic Repeater, 6.2 Miles Transmitter And Receiver Back-Back, No Power.....		940.25	114.27
27 16 16 00-0007	EA	Fiber Optic Digital Repeater, 2,000 Miles Transmitter And Receiver Back-Back, No Power.....		1,483.51	228.53

27 16 16 00-0008 Fiber Optic Transceivers (27 16 16)

27 16 16 00-0009	EA	Fiber Optic Transceivers, 3,000 Miles Range.....		1,000.73	228.53
27 16 16 00-0010	EA	Fiber Optic Transceivers, Digital 2,000 Miles Range.....		1,000.73	228.53
27 16 16 00-0011	EA	Fiber Optic Ethernet Transceiver.....		1,311.37	342.79
27 16 16 00-0012	EA	Transceiver (Low Cost Bi- Directional).....		469.08	85.70

27 16 19 Communications Patch Cords, Station Cords, and Cross Connect Wire (27 16)
27 16 19 00-0001 Cross Connect Wire (27 16 19)

Note: Up to 20' length.

27 16 19 00-0002	EA	2-Pair Cross Connect Wire.....		18.15	
27 16 19 00-0003	EA	3-Pair Cross Connect Wire.....		24.30	
27 16 19 00-0004	EA	4-Pair Cross Connect Wire.....		30.39	

27 16 19 00-0005 Fiber Optic Patch Cords (27 16 19)
27 16 19 00-0006 Simplex Fiber Optic Patch Cables (27 16 19 00-0005)
27 16 19 00-0007 Singlemode, Simplex Fiber Optic Patch Cables (27 16 19 00-0006)

27 16 19 00-0008	EA	ST To ST Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable.....		53.49	
		<i>For Each Additional Meter In Length, Add</i>		<i>0.26</i>	
27 16 19 00-0009	EA	ST To SC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable.....		43.34	
		<i>For Each Additional Meter In Length, Add</i>		<i>0.26</i>	
27 16 19 00-0010	EA	ST To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable.....		56.54	
		<i>For Each Additional Meter In Length, Add</i>		<i>0.26</i>	
27 16 19 00-0011	EA	SC To SC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable.....		45.66	
		<i>For Each Additional Meter In Length, Add</i>		<i>0.26</i>	
27 16 19 00-0012	EA	SC To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable.....		53.07	
		<i>For Each Additional Meter In Length, Add</i>		<i>0.26</i>	
27 16 19 00-0013	EA	LC To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable.....		52.25	
		<i>For Each Additional Meter In Length, Add</i>		<i>0.26</i>	

27 16 19 00-0014 Duplex Fiber Optic Patch Cables (27 16 19 00-0005)
27 16 19 00-0015 Singlemode, Duplex Fiber Optic Patch Cables (27 16 19 00-0014)

27 16 19 00-0016	EA	ST To ST Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable.....		94.34	
		<i>For Each Additional Meter In Length, Add</i>		<i>0.51</i>	
27 16 19 00-0017	EA	ST To SC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable.....		91.47	
		<i>For Each Additional Meter In Length, Add</i>		<i>0.51</i>	
27 16 19 00-0018	EA	ST To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable.....		101.66	
		<i>For Each Additional Meter In Length, Add</i>		<i>0.51</i>	
27 16 19 00-0019	EA	SC To SC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable.....		78.69	
		<i>For Each Additional Meter In Length, Add</i>		<i>0.51</i>	
27 16 19 00-0020	EA	SC To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable.....		93.49	
		<i>For Each Additional Meter In Length, Add</i>		<i>0.51</i>	
27 16 19 00-0021	EA	LC To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable.....		91.87	
		<i>For Each Additional Meter In Length, Add</i>		<i>0.51</i>	

27 16 19 00-0022 Multimode, Duplex Fiber Optic Patch Cables (27 16 19 00-0014)

27 16 19 00-0023	EA	ST To ST Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....		70.85	
		<i>For Each Additional Meter In Length, Add</i>		<i>1.48</i>	
27 16 19 00-0024	EA	ST To SC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....		77.49	
		<i>For Each Additional Meter In Length, Add</i>		<i>1.48</i>	
27 16 19 00-0025	EA	ST To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....		78.17	
		<i>For Each Additional Meter In Length, Add</i>		<i>1.48</i>	

27 Communications**27 10 Structured Cabling****27 16 Communications Connecting Cords, Devices, and Adapters**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

27 16 19 00-0026	EA	ST To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	80.31	
		<i>For Each Additional Meter In Length, Add</i>	1.48	
27 16 19 00-0027	EA	SC To SC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	71.13	
		<i>For Each Additional Meter In Length, Add</i>	1.48	
27 16 19 00-0028	EA	SC To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	80.68	
		<i>For Each Additional Meter In Length, Add</i>	1.48	
27 16 19 00-0029	EA	SC To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	95.09	
		<i>For Each Additional Meter In Length, Add</i>	1.48	
27 16 19 00-0030	EA	MTRJ To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	65.01	
		<i>For Each Additional Meter In Length, Add</i>	1.48	
27 16 19 00-0031	EA	LC To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	79.44	
		<i>For Each Additional Meter In Length, Add</i>	1.48	

27 16 19 00-0032 Fiber Optic Cable Pig Tail (27 16 19)

27 16 19 00-0033	EA	Simplex Fiber Optic Cable Pig Tail.....	80.42	39.99
27 16 19 00-0034	EA	Duplex Fiber Optic Cable Pig Tail.....	104.52	39.99

27 16 19 00-0035 Ethernet Patch Cords (27 16 19)

27 16 19 00-0036	EA	3' Category 5E Patch Cables With Boots.....	14.22	
27 16 19 00-0037	EA	5' Category 5E Patch Cables With Boots.....	15.48	
27 16 19 00-0038	EA	7' Category 5E Patch Cables With Boots.....	16.75	
27 16 19 00-0039	EA	10' Category 5E Patch Cables With Boots.....	24.40	
27 16 19 00-0040	EA	15' Category 5E Patch Cables With Boots.....	30.69	
27 16 19 00-0041	EA	25' Category 5E Patch Cables With Boots.....	40.29	
27 16 19 00-0042	EA	3' Category 6 Patch Cables With Boots.....	15.72	
27 16 19 00-0043	EA	5' Category 6 Patch Cables With Boots.....	18.92	
27 16 19 00-0044	EA	7' Category 6 Patch Cables With Boots.....	18.98	
27 16 19 00-0045	EA	10' Category 6 Patch Cables With Boots.....	22.87	
27 16 19 00-0046	EA	15' Category 6 Patch Cables With Boots.....	30.22	
27 16 19 00-0047	EA	25' Category 6 Patch Cables With Boots.....	37.70	
27 16 19 00-0048	EA	50' Category 6 Patch Cables With Boots.....	58.74	
27 16 19 00-0049	EA	100' Category 6 Patch Cables With Boots.....	102.24	
27 16 19 00-0050	EA	3' Category 6A Patch Cables With Boots.....	24.36	
27 16 19 00-0051	EA	5' Category 6A Patch Cables With Boots.....	25.90	
27 16 19 00-0052	EA	7' Category 6A Patch Cables With Boots.....	27.05	
27 16 19 00-0053	EA	10' Category 6A Patch Cables With Boots.....	31.63	
27 16 19 00-0054	EA	15' Category 6A Patch Cables With Boots.....	38.72	
27 16 19 00-0055	EA	25' Category 6A Patch Cables With Boots.....	48.64	
27 16 19 00-0056	EA	50' Category 6A Patch Cables With Boots.....	70.92	
27 16 19 00-0057	EA	100' Category 6A Patch Cables With Boots.....	124.59	
27 16 19 00-0058	EA	3' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E03-06).....	14.22	
27 16 19 00-0059	EA	5' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E05-06).....	15.48	
27 16 19 00-0060	EA	7' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E07-06).....	16.75	
27 16 19 00-0061	EA	10' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E10-06).....	24.40	
27 16 19 00-0062	EA	15' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E15-06).....	30.69	
27 16 19 00-0063	EA	25' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E25-06).....	40.29	
27 16 19 00-0064	EA	3' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC603-06).....	15.72	
27 16 19 00-0065	EA	5' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC605-06).....	18.92	
27 16 19 00-0066	EA	7' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC607-06).....	18.98	
27 16 19 00-0067	EA	10' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC610-06).....	22.87	
27 16 19 00-0068	EA	15' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC615-06).....	30.22	
27 16 19 00-0069	EA	25' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC625-06).....	37.70	
27 16 19 00-0070	EA	3' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A03-09).....	28.73	
27 16 19 00-0071	EA	5' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A05-09).....	30.63	
27 16 19 00-0072	EA	7' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A07-09).....	32.05	
27 16 19 00-0073	EA	10' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A10-09).....	37.04	
27 16 19 00-0074	EA	15' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A15-09).....	45.11	
27 16 19 00-0075	EA	25' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A25-09).....	57.37	

27 20 Data Communications (27)**27 21 Data Communications Network Equipment** (27 20)

Note: Includes testing of new devices and certification.

27 21 16 Data Communications Routers, CSU/DSU, Multiplexers, Codecs, and Modems(27 21)**27 21 16 00-0001 Fiber Optic Modems** (27 21 16)

27 21 16 00-0002	EA	Fiber Optic Modems, Range 6.2 Miles.....	1,643.26	228.53
27 21 16 00-0003	EA	Fiber Optic Modem, Range 3.1 Miles, 12 Channel.....	3,126.01	228.53

27 21 16 00-0004 Ethernet Hubs and Switches (27 21 16)

27 21 16 00-0005	EA	16 Port Managed Hub With Fiberport And Standard Management.....	3,947.11	171.69
27 21 16 00-0006	EA	16 Port Unmanaged Hub.....	607.07	114.47
27 21 16 00-0007	EA	12 Port, Industrial Ethernet Switch (Cisco IE-4000-4GC4GP4G-E).....	5,426.07	114.47
27 21 16 00-0008	EA	Power Supply (Cisco PWR-IE170W-PC-AC).....	1,604.15	57.23

27 21 16 00-0009 Network Equipment (27 21 16)**27 21 16 00-0010 Communications Entrance Protection** (27 21 16 00-0009)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 21 16 00-0011 EA 100-Pair, 5 Pin Configuration, 110 Termination, Building Entrance Terminal With Cover (Porta 24100-110-M110C).....	1,120.68	85.85
Note: Excludes terminations.		
27 21 16 00-0012 EA Solid State Protector Module With 4 OHM Heat Coils (CommScope 4C1S)	13.50	1.14
27 21 16 00-0013 Communications Cabinets, Racks, Frames And Enclosures (27 21 16 00-0009)		
27 21 16 00-0014 EA 19" Width x 36" Height x 24" Depth, Wall Mounted Telecommunications Enclosure (Chatsworth 11840-736)	1,363.68	85.85
For Fan Kit (Chatsworth 12804-701), Add	191.48	
27 21 16 00-0015 EA 10 Outlet, 125 Volt, 20 Amperes, Telecommunications Cabinet Power Strip (Chatsworth 13239-757).....	1,255.82	5.72
27 21 16 00-0016 Communications Termination Blocks And Patch Panels (27 21 16 00-0009)		
27 21 16 00-0017 Communications Termination Blocks (27 21 16 00-0016)		
27 21 16 00-0018 EA 4-Pair, 300-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058810)	336.98	17.14
27 21 16 00-0019 EA 5-Pair, 300-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058802)	313.54	17.14
27 21 16 00-0020 EA 4-Pair, 900-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058869)	752.92	17.14
27 21 16 00-0021 EA 5-Pair, 900-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058851)	700.20	17.14
27 21 16 00-0022 EA 110 Connector System Mounting Brackets (CommScope 107535593).....	104.97	17.14
27 21 16 00-0023 EA 110 Connector System Mounting Brackets (CommScope 107535585).....	113.49	17.14
27 21 16 00-0024 EA 110 Connector System Mounting Brackets (CommScope 107098816).....	129.43	17.14
27 21 16 00-0025 Communications Copper Patch Panels (27 21 16 00-0016)		
Note: Excludes cabinet and terminations.		
27 21 16 00-0026 EA 24 Port, Category 5E Patch Panel (CommScope 108208919)	331.78	37.20
27 21 16 00-0027 EA 48 Port, Category 5E Patch Panel (CommScope 108208935)	606.34	45.79
27 21 16 00-0028 EA 24 Port, Category 6 Patch Panel (CommScope 760062372)	492.36	37.20
27 21 16 00-0029 EA 48 Port, Category 6 Patch Panel (CommScope 760062380)	920.80	45.79
27 21 16 00-0030 Communications Optical Fiber Patch Panels (27 21 16 00-0016)		
27 21 16 00-0031 Closet Connector Housings (27 21 16 00-0030)		
27 21 16 00-0032 EA 48 Fiber Total Capacity, Closet Connector Housing (Corning CCH-01U).....	491.92	22.89
Note: Accepts up to 2 closet connector housing panels. Excludes panels.		
27 21 16 00-0033 EA 96 Fiber Total Capacity, Closet Connector Housing (Corning CCH-02U).....	576.30	22.89
Note: Accepts up to 4 closet connector housing panels. Excludes panels.		
27 21 16 00-0034 EA 288 Fiber Total Capacity, Closet Connector Housing (Corning CCH-04U).....	721.79	22.89
Note: Accepts up to 12 closet connector housing panels. Excludes panels.		
27 21 16 00-0035 EA SC Duplex Multimode, 62.5 Micron, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-91).....	119.31	11.45
27 21 16 00-0036 EA SC Duplex Singlemode, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-59).....	162.45	11.45
27 21 16 00-0037 EA SC Simplex Multimode, 62.5 Micron, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-56).....	134.55	11.45
27 21 16 00-0038 EA SC Simplex Singlemode, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-3C).....	176.39	11.45
27 21 16 00-0039 Communications Cable Management (27 21 16 00-0009)		
27 21 16 00-0040 Horizontal Communication Cable Management (27 21 16 00-0039)		
27 21 16 00-0041 EA 1.7" Height, 19" Width, 3.7" Depth, 1 RU, Front Only, Horizontal Cable Manager (Panduit WMPFSE).....	152.73	22.89
27 21 16 00-0042 EA 3-1/2" Height, 19" Width, 3.7" Depth, Horizontal Cable Manager (Panduit WMPF1E).....	158.28	22.89
27 21 16 00-0043 Vertical Communication Cable Management (27 21 16 00-0039)		
27 21 16 00-0044 EA 6" Width x 84" Height, Double-Sided Vertical Cabling Section (Chatsworth 11729-703).....	955.72	57.23
27 21 16 00-0045 EA 19" Width x 84" Height, Universal Rack (Chatsworth 48353-703)	991.60	57.23
27 21 16 00-0046 EA 23" Width x 84" Height, Universal Rack (Chatsworth 48383-703)	1,072.33	57.23
27 21 16 00-0047 Communications Patch Cords, Station Cords, And Cross Connect Wire (27 21 16 00-0009)		
27 21 16 00-0048 Premise Cross-Connect Wire (27 21 16 00-0047)		
27 21 16 00-0049 LF 1-Pair, 22 AWG Premise Cross-Connect Wire (General Cable 7041973).....	1.18	0.57
27 21 16 00-0050 Pathways For Communications Systems (27 21 16 00-0009)		
27 21 16 00-0051 Conduits And Backboxes For Communication Systems (27 21 16 00-0050)		
27 21 16 00-0052 Flexible Conduit For Communication Systems (27 21 16 00-0051)		
27 21 16 00-0053 CLF 1" Diameter, Riser Rated, Non-Metallic Flexible Conduit With Pull Tape (Carlon DF4X1C).....	520.24	205.67
27 21 16 00-0054 CLF 1" Diameter, Plenum Rated, Non-Metallic Flexible Conduit With Pull Tape (Carlon CF4X1C).....	810.12	205.67
27 21 16 00-0055 Tube Cables For Communication Systems (27 21 16 00-0051)		
27 21 16 00-0056 Outdoor/All-Dielectric Tube Cables (27 21 16 00-0055)		
27 21 16 00-0057 CLF Two Tube, Outdoor/All-Dielectric Tube Cable (Sumitomo TC02TOX).....	412.33	137.11
27 21 16 00-0058 CLF Seven Tube, Outdoor/All-Dielectric Tube Cable (Sumitomo TC07TOX).....	619.67	171.39
27 21 16 00-0059 CLF Nineteen Tube, Outdoor/All-Dielectric Tube Cable (Sumitomo TC19TOX)	1,040.86	205.67
27 21 16 00-0060 Indoor/Riser Rated Tube Cables (27 21 16 00-0055)		
27 21 16 00-0061 CLF Two Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC02TRX).....	475.95	137.11
27 21 16 00-0062 CLF Four Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC04TRX)	584.03	154.25

27 Communications**27 20 Data Communications****27 21 Data Communications Network Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 21 16 00-0063	CLF		Seven Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC07TRX).....	663.85	171.39
27 21 16 00-0064	CLF		Nineteen Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC19TRX).....	1,240.56	205.67
27 21 16 00-0065			Indoor/Plenum Rated Tube Cables (27 21 16 00-0055)		
27 21 16 00-0066	CLF		Single Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC01TPX).....	343.40	137.11
27 21 16 00-0067	CLF		Two Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC02TP2).....	505.99	137.11
27 21 16 00-0068	CLF		Four Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC04TP2).....	789.04	154.25
27 21 16 00-0069	CLF		Seven Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC07TP2).....	1,156.92	171.39
27 21 16 00-0070	CLF		Nineteen Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC19TP2).....	3,652.87	205.67
27 21 16 00-0071			Unjacketed Single Tube Cables (27 21 16 00-0055)		
27 21 16 00-0072	CLF		Single Tube, Unjacketed Single Tube Cable (Sumitomo TC01TGX).....	293.92	137.11
27 21 16 00-0073			Multimode Fiber Bundles (27 21 16 00-0055)		
			Note: Includes optical fiber cables.		
27 21 16 00-0074	CLF		2-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FR02M6).....	128.65	41.14
27 21 16 00-0075	CLF		4-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB04M6).....	197.57	41.14
27 21 16 00-0076	CLF		6-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB06M6).....	271.79	41.14
27 21 16 00-0077	CLF		12-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB12M6).....	498.00	41.14
27 21 16 00-0078	CLF		18-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB18M6).....	723.27	47.99
27 21 16 00-0079	CLF		24-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB24M6).....	949.48	47.99
27 21 16 00-0080			Singlemode Fiber Bundles (27 21 16 00-0055)		
			Note: Includes optical fiber cables.		
27 21 16 00-0081	CLF		2-Fiber, Singlemode Fiber Bundle (Sumitomo FR02SX).....	114.51	41.14
27 21 16 00-0082	CLF		4-Fiber, Singlemode Fiber Bundle (Sumitomo FB04SX).....	144.55	41.14
27 21 16 00-0083	CLF		6-Fiber, Singlemode Fiber Bundle (Sumitomo FB06SX).....	169.29	41.14
27 21 16 00-0084	CLF		12-Fiber, Singlemode Fiber Bundle (Sumitomo FB12SX).....	217.01	41.14
27 21 16 00-0085	CLF		18-Fiber, Singlemode Fiber Bundle (Sumitomo FB18SX).....	334.48	47.99
27 21 16 00-0086	CLF		24-Fiber, Singlemode Fiber Bundle (Sumitomo FB24SX).....	442.28	47.99
27 21 16 00-0087			Tube Distribution Cabinets (27 21 16 00-0055)		
27 21 16 00-0088	EA		Modular Tube Distribution Cabinet (Sumitomo DE06MDU).....	251.91	57.23
			Note: Up to six 7-tube cables or two 19-tube cables.		
27 21 16 00-0089			Modular Fiber Termination Cabinets (27 21 16 00-0055)		
27 21 16 00-0090	EA		24-Fiber Capacity, Wall Mount, Modular Fiber Termination Cabinet (Sumitomo FT24WFM).....	321.20	57.23
27 21 16 00-0091	EA		48-Fiber Capacity, Wall Mount, Modular Fiber Termination Cabinet (Sumitomo FT48WFM).....	343.12	57.23
27 21 16 00-0092			Tube Distribution Accessories (27 21 16 00-0055)		
27 21 16 00-0093	EA		Plastic Push/Pull Quick Release Pneumatic Cap For 8 mm Tube (Sumitomo DE08MA).....	13.91	5.72
27 21 16 00-0094	EA		Plastic Push/Pull Quick Release Pneumatic Coupling For 8 mm Tube (Sumitomo DE08MC2).....	15.44	5.72
27 21 16 00-0095	EA		Brass Push/Pull Quick Release Pneumatic Coupling For 8 mm Bulkhead Tube (Sumitomo DE08MB).....	19.40	5.72
27 21 16 00-0096			Communications Optical Fiber Cabling (27 21 16 00-0009)		
27 21 16 00-0097			Communications Optical Fiber Cable Splicing And Terminations (27 21 16 00-0096)		
27 21 16 00-0098			Field Installed Fiber Connectors (27 21 16 00-0097)		
27 21 16 00-0099	EA		SC Type, Singlemode, Field Installed Fiber Connector (Corning 95-200-42).....	42.05	8.58
27 21 16 00-0100	EA		SC Type, 62.5 Micron Multimode, Field Installed Fiber Connector (Corning 95-000-41).....	36.98	8.58
27 21 16 00-0101			Buffer Tube Fan-Out Kits (27 21 16 00-0097)		
27 21 16 00-0102			Buffer Tube Breakout Kits (Sumitomo) (27 21 16 00-0101)		
			Note: Includes 900 micron tubing.		
27 21 16 00-0103	EA		2-Fiber Breakout Kit (Sumitomo FTFLD02).....	249.74	114.27
27 21 16 00-0104	EA		4-Fiber Breakout Kit (Sumitomo FTFLD04).....	255.04	114.27
27 21 16 00-0105	EA		6-Fiber Breakout Kit (Sumitomo FTFLD06).....	259.72	114.27
27 21 16 00-0106	EA		12-Fiber Breakout Kit (Sumitomo FTFLD12).....	274.27	114.27
27 21 16 00-0107	EA		18-Fiber Breakout Kit (Sumitomo FTFLD18).....	294.17	114.27
27 21 16 00-0108	EA		24-Fiber Breakout Kit (Sumitomo FTFLD24).....	308.94	114.27
27 21 16 00-0109			Buffer Tube Fan-Out Kits (Corning) (27 21 16 00-0101)		
27 21 16 00-0110	EA		12 Fiber, 25" Tube Length, Indoor Buffer Tube Fan-Out Kit (Corning Fan-BT25-12).....	252.19	114.27
27 21 16 00-0111	EA		12 Fiber, 25" Tube Length, Outdoor Buffer Tube Fan-Out Kit (Corning Fan-OD25-12).....	304.70	114.27
27 21 16 00-0112			Communications Copper Cabling (27 21 16 00-0009)		
27 21 16 00-0113			Copper Communications Cable Splicing And Terminations (27 21 16 00-0112)		
27 21 16 00-0114			Copper Communications Cable Splice Cases (27 21 16 00-0113)		
27 21 16 00-0115	EA		6.5" x 28.4" Copper Communications Cable Splice Case (Preformed Line Products 8000626).....	1,164.27	228.53
27 21 16 00-0116	EA		9.5" x 28.4" Copper Communications Cable Splice Case (Preformed Line Products 8000630).....	1,366.39	228.53

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 21 16 00-0117	EA	12.5" x 28.4" Copper Communications Cable Splice Case (Preformed Line Products 8006219).....	2,038.05	228.53
27 21 16 00-0118 Modular Splice Connectors (27 21 16 00-0113)				
27 21 16 00-0119	EA	25-Pair, Straight Body Only, 26-24 Gauge Cable, Filled Modular Splice Connector (3M 710-SC1-25).....	124.08	57.13
27 21 16 00-0120	EA	25-Pair, Straight/Half Tap Body, 26-24 Gauge Cable, Dry Modular Splice Connector (3M 710-SD1-25).....	121.89	57.13
27 21 16 00-0121	EA	25-Pair, Straight/Half Tap Body, 26-24 Gauge Cable, Filled Modular Splice Connector (3M 710-TC1-25).....	124.12	57.13
27 21 16 00-0122	EA	25-Pair, Bridge Body, 26-22 Gauge Cable, Filled Modular Splice Connector (3M 710-BC1-25).....	123.82	57.13

27 21 26 Data Communications Network Management (27 21)

27 21 26 00-0001 Data Communications Network Management (27 21 26)

27 21 26 00-0002	EA	3 Port, Terminal/Serial Device Server (Comtrol 99560-9).....	662.12	28.57
27 21 26 00-0003	EA	2 Port, Terminal/Serial Device Server (Comtrol 99550-0).....	508.00	28.57
27 21 26 00-0004	EA	4 Port, DB9 Terminal/Serial Device Server (Comtrol 99445-9).....	711.61	28.57
27 21 26 00-0005	EA	4 Port, DB9 Terminal/Serial Device Server (Comtrol 99448-0).....	1,119.89	28.57
27 21 26 00-0006	EA	24 Watt, Din Rail Mountable, Power Adapter (Comtrol PS1020).....	103.35	
27 21 26 00-0007	EA	Remote Data Port, Spectra Positioning System (Pelco IPS_RDPE_2).....	493.77	17.14
27 21 26 00-0008	EA	Sennetech Code Translator (Pelco SCT_100_AD232).....	819.27	28.57
27 21 26 00-0009	EA	VPN Router (Cisco 819HG).....	4,826.67	366.28
27 21 26 00-0010	EA	Cisco Catalyst 3000 Series Switches (Cisco IE-3000 - 8TC).....	3,414.92	366.28
27 21 26 00-0011	EA	WS-C4507R+E Chassis, Two WS-X4648-RJ45V+E, Sup7L-E, LAN Base (Cisco WS-C4507RE+96V+).....	18,187.30	137.11
27 21 26 00-0012	EA	SMARTnet Extended Service Agreement, SNTC-8X5XNBD WS-C4507R+E Chassis, 2 WS-X4648-RJ45V+E (Cisco CON-SNT-C4507REV).....	575.97	
27 21 26 00-0013	EA	Sup8-E And WS-X4748-RJ45V+E Upgrade For Bundle (Cisco C4500E-S7L-S8).....	12,422.77	137.11
27 21 26 00-0014	EA	Catalyst 4500 E-Series Redundant Supervisor 8-E (Cisco WS-X45-SUP8-E/2).....	27,053.85	137.11
27 21 26 00-0015	EA	Catalyst 4500 2GB SD Memory Card (Cisco SD-X45-2GB-E).....	638.04	11.45
27 21 26 00-0016	EA	Catalyst 4500 4200W AC Dual Input Power Supply (Data + PoE) (Cisco PWR-C45-4200ACV).....	4,682.17	14.28
27 21 26 00-0017	EA	Catalyst 4500 4200W AC Dual Input Power Supply (Data + PoE) (Cisco PWR-C45-4200ACV/2).....	4,060.32	14.28
27 21 26 00-0018	EA	13', NEMA 6-20 To IEC-C19 Power Cable (Cisco CAB-US620P-C19-US).....	72.08	5.72
27 21 26 00-0019	EA	1000BASE-SX SFP Transceiver Module, MMF, 850nm, DOM (Cisco GLC-SX-MMD=).....	227.95	57.13
27 21 26 00-0020	EA	Cisco Catalyst 3850 24 Port Data IP Base (Cisco WS-C3850-24TS).....	3,515.99	137.11
27 21 26 00-0021	EA	SMARTnet Extended Service Agreement, 8X5XNBD Cisco Catalyst 3850 24 Port Data IP Base (Cisco CON-SNT-WSC384TS).....	757.83	
27 21 26 00-0022	EA	North America AC Type A Power Cable (Cisco CAB-TA-NA).....	23.67	5.72
27 21 26 00-0023	EA	350 Watt AC Power Supply (Cisco PWR-C1-350WAC).....	315.04	14.28
27 21 26 00-0024	EA	Cisco Catalyst 3850 4x1GE Network Module (Cisco C3850-NM-4-1G).....	786.47	14.31
27 21 26 00-0025	EA	1' (30cm), Catalyst 3750X Stack Power Cable (Cisco CAB-SPWR-30CM).....	114.88	5.72
27 21 26 00-0026	EA	Rack Mount Switch 16 100 SFP 8 10/100 PoE 2 Geuplinks (Cisco IE-3010-16S-8PC).....	4,180.43	137.11
27 21 26 00-0027	EA	SMARTnet Extended Service Agreement, 8X5XNBD IA Rack Mount Switch 16 100 SFP 8 10/10 (Cisco CON-SNT-301016S8).....	760.87	
27 21 26 00-0028	EA	IE 3010 Power Supply (Cisco PWR-RGD-AC-DC/IA).....	672.74	14.28
27 21 26 00-0029	EA	IE 3010 AC-DC Redundant Power Supply (Cisco PWR-RGD-AC-DC/IA).....	683.35	14.28
27 21 26 00-0030	EA	4 Ethernet 10/100 Ports And 2 Dual-Purpose Uplinks, Industrial Ethernet Switch (Cisco IE-3000-4TC).....	1,435.81	137.11
27 21 26 00-0031	EA	Expansion Power Module For Cisco IE-3000-4TC (Cisco PWR-IE50W-AC-IEC).....	369.65	14.31
27 21 26 00-0032	EA	4 Port, Expansion SFP Module for IE-3000-4TC (Cisco IEM-3000-4SM).....	1,741.36	14.31
27 21 26 00-0033	EA	Router (CISCO IR829).....	1,554.39	57.23

27 21 29 Data Communications Switches and Hubs (27 21)

27 21 29 00-0001 Data Communications Multimedia Modular Patch Panels (27 21 29)

Note: Unloaded multimedia patch panels that accept modular jacks for category 3, 5e, 6, fiber optic, etc. Excludes rack, modular jacks and terminations. See CSI section 27 15 43 00-0035 for modular jacks.

27 21 29 00-0002	EA	12 Port, Wall Mount Multimedia Modular Patch Panel, Unloaded.....	135.76	5.71
27 21 29 00-0003	EA	16 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded.....	150.19	5.71
27 21 29 00-0004	EA	24 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded.....	178.10	5.71
27 21 29 00-0005	EA	36 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded.....	186.67	5.71
27 21 29 00-0006	EA	48 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded.....	203.64	7.14
27 21 29 00-0007	EA	24 Port, Rack Mount Multimedia Modular Angled Patch Panel, Unloaded.....	193.78	5.71
27 21 29 00-0008	EA	48 Port, Rack Mount Multimedia Modular Angled Patch Panel, Unloaded.....	243.20	7.14
27 21 29 00-0009	EA	Rack Mount Rear Cable Management Bar.....	64.08	7.14

27 21 33 Data Communications Wireless Access Points (27 21)

27 21 33 00-0001 Data Communications Wireless Access Points (27 21 33)

27 21 33 00-0002	EA	Base Station Unit, 300 Mbps, MIMO 2x2, Type-N Connectors US PoE (Proxim Wireless MP-8200-BSU).....	4,770.68	171.39
27 21 33 00-0003	EA	Base Station Unit, 300 Mbps, MIMO 2x2, 23 dBi, 10° Panel Antenna - US PoE (Proxim Wireless MP-8250-BS1).....	11,481.59	171.39
27 21 33 00-0004	EA	Base Station Unit, 300 Mbps, MIMO 2x2, 16 dBi, 90 Degree Sector Antenna US PoE (Proxim Wireless MP-8250-BS9).....	11,481.59	171.39
27 21 33 00-0005	EA	Subscriber Unit, 300 Mbps, MIMO 2x2, Type-N Connectors US PoE (Proxim Wireless MP-8200-SUA).....	1,858.12	171.39
27 21 33 00-0006	EA	Subscriber Unit, 300 Mbps, MIMO 2x2, 23 dBi, Panel Antenna US PoE (Proxim Wireless MP-8250-SUR).....	2,184.49	193.65
27 21 33 00-0007	EA	Base Station Unit, 300 Mbps, MIMO 3x3, GPS Sync Ready, Type-N Connectors - US PoE (Proxim Wireless MP-8200-BSU-G).....	6,138.28	193.65
27 21 33 00-0008	EA	Base Station Unit, 300 Mbps, MIMO 2x2, GPS Sync Ready, 23 dBi, 10° Panel Antenna - US PoE (Proxim Wireless MP-8250-BS1-G).....	9,333.98	193.65
27 21 33 00-0009	EA	Base Station Unit, 300 Mbps, MIMO 2x2, GPS Sync Ready, 16 dBi, 90° Sector Antenna - US PoE (Proxim Wireless MP-8250-BS9-G).....	9,333.98	193.65
27 21 33 00-0010	EA	50 Mbps (upgradable to 100 Mbps), MIMO 2x2, 15 dBi integrated antenna - US PoE (Proxim Wireless QB-825-LNK-50).....	1,912.88	64.55
27 21 33 00-0011	EA	100 Mbps, MIMO 2x2, 15 dBi integrated antenna - US PoE (Proxim Wireless QB-825-LNK-100).....	1,939.72	64.55
27 21 33 00-0012	EA	Surge, Gigabit Surge Protector With Shielded RJ45 (Proxim Wireless ETH-SURGE-1G).....	178.64	32.27
27 21 33 00-0013	EA	FlexPort uWave AdaptRate And Modulation Feature Upgrade (BridgeWave Communications FPUWAVE-UPG-ARM).....	1,667.27	

27 Communications**27 20 Data Communications****27 21 Data Communications Network Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

27 21 33 00-0014	EA	1' High Performance Dish Antenna, Low Profile, 21.2-23.6 GHz, WR42 Flange, SOI (Radio Waves HPLP1-23RR).....	590.20	57.13
27 21 33 00-0015	EA	Cellular Phone / Wi-Fi Antenna (Sierra Wireless AP-CWG-Q-S222-WH).....	488.27	57.13
27 21 33 00-0016	EA	Cell LTE MIMO Antenna (Sierra Wireless 1810075).....	85.42	22.85
27 21 33 00-0017	EA	AirLink GX400 Power Adapter (Sierra Wireless 2700384).....	76.60	
27 21 33 00-0018	EA	AirLink GX400 Power Cable (Sierra Wireless 2000380).....	44.49	
27 21 33 00-0019	EA	Cellular/PCS/LTE, Hockey Puck Antenna (Sierra Wireless AP-C-Q-S2-BL).....	311.22	57.13
27 21 33 00-0020	EA	Cellular/PCS/LTE/GPS, Multi-Band Antenna (Sierra Wireless AP-CG-Q-S22-BL).....	313.19	57.13
27 21 33 00-0021	EA	2 Way, RF Power Divider, 790-920 MHZ (Telewave ANTPD28D).....	429.42	57.23
27 21 33 00-0022	EA	Wireless Cellular Modem (Sierra Wireless AirLink GX400 EVDO/GPS).....	1,090.52	85.85
27 21 33 00-0023	EA	Wireless Cellular Modem (Sierra Wireless AirLink GX450 Rugged).....	1,397.31	85.85
27 21 33 00-0024	EA	Magnetic Mount Cellular Antenna (Wilson Electronics 301125).....	77.25	17.14
27 21 33 00-0025	EA	Yagi Antenna, 890-960 MHZ, 10 dBd Gain (PCTEL Bluewave Antennas BGYD890K).....	293.50	64.55
27 21 33 00-0026	EA	Andrew® Omni Antenna, 890-960 MHZ, 360° Horizontal Beamwidth, Fixed Electrical Tilt, Fits On 38-51 mm (1-1/2 to 2 in) OD Pipe (Commscope DB583-Y).....	973.11	64.55
27 21 33 00-0027	EA	Single Channel Bluetooth Sensor With Bluetooth Module And Antenna (DeepBlue SC).....	4,805.56	57.23
27 21 33 00-0028	EA	Point-to-Point Wireless Bridge (Proxim Tsunami® QB-10150).....	2,437.94	57.13

27 30 Voice Communications (27)**27 31 Voice Communications Switching and Routing Equipment** (27 30)

Note: Includes testing of new devices and certification.

27 31 13 PBX/Key Systems (27 31)**27 31 13 00-0001 Interior PBX Telephone System** (27 31 13)

Note: Includes telephone instruments cabling and solid state switching.

27 31 13 00-0002 Interior PBX Telephone System (27 31 13 00-0001)

Note: Cost is for each line up to 1000 lines.

27 31 13 00-0003	EA	1 Line PBX Connection, Cost Per Each Line Up To 1,000	1,813.06	595.64
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27 31 13 00-0004 Additional Telephones Less Solid State Switching (PBX) (27 31 13 00-0001)

27 31 13 00-0005	EA	Add For Each Additional PBX Phone Line Less Solid State Switching.....	624.76	46.85
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27 31 13 00-0006 Telephones (27 31 13 00-0001)

27 31 13 00-0007	EA	Telephones, Desk Type Intercommunication Equipment.....	239.78	44.56
27 31 13 00-0008	EA	Telephones, Wall Type Intercommunication Equipment.....	269.82	59.42

27 32 Voice Communications Terminal Equipment (27 30)

Note: Includes testing of new devices and certification.

27 32 13 Telephone Sets (27 32)**27 32 13 00-0001 Interior Telephone Components** (27 32 13)

27 32 13 00-0002	EA	Solid State Exchange Unit With Power Supply	7,355.31	1,044.14
27 32 13 00-0003	EA	Dial Telephone - Handset In Cabinet.....	886.95	85.35
27 32 13 00-0004	EA	Elevator Cab Telephone With Trailer Cable.....	445.23	91.52
27 32 13 00-0005	EA	Loud Ring Bell, 6"	347.95	84.90
27 32 13 00-0006	EA	Audio/Visual Indicator	446.38	79.99
27 32 13 00-0007	EA	Administrative Telephone With Digital Display.....	466.19	71.76
27 32 13 00-0008	EA	Processing Unit For 16 Station System	2,285.40	585.37
27 32 13 00-0009	EA	Handset For 16 Station System	327.88	58.28
27 32 13 00-0010	EA	Handset In Cabinet, For 16 Station System.....	444.17	78.61
27 32 13 00-0011	MLF	20 Conductor Unshielded Cable, #22	2,888.92	1,259.98
27 32 13 00-0012	EA	Power Supply For 16 Station System	403.46	155.51
27 32 13 00-0013	EA	Intercom Terminal Board	352.49	175.05
27 32 13 00-0014	EA	Power Supply For Five Station System, 24 Volt DC	420.06	155.51
27 32 13 00-0015	EA	Telephone Communication Board, Insulated Blueboard 24" x 24" x 1/2" Thick	206.14	63.88
27 32 13 00-0016	EA	Telephone Cabinet With Backboard 24" High x 24" Wide x 6" Deep	651.19	140.61
27 32 13 00-0017	EA	Telephone Cabinet With Backboard 30" High x 24" Wide x 6" Deep	769.72	159.82
27 32 13 00-0018	EA	Telephone Cabinet With Backboard 30" High x 30" Wide x 6" Deep	934.02	189.15
27 32 13 00-0019	EA	Telephone Cabinet With Backboard 36" High x 30" Wide x 6" Deep	1,104.42	204.50
27 32 13 00-0020	EA	Telephone Cabinet With Backboard 48" High x 30" Wide x 6" Deep	1,731.80	232.69
27 32 13 00-0021	EA	Ring Rung 3".....	12.45	6.37
27 32 13 00-0022	EA	G66B50 Telephone Blocks Including 50 Terminators, Exterior Ring, Marking, ID	31.39	11.32
27 32 13 00-0023	EA	G110 Data Blocks Including Terminator, Exterior Ring, Marking, ID And Testing	56.66	23.19

27 32 13 00-0024 Interior Telephone Accessories (27 32 13)

27 32 13 00-0025	EA	Blank Telephone Receptacle, Exposed Devices - Complete	12.81	6.17
27 32 13 00-0026	EA	4-Pin Telephone Receptacle, Exposed Devices - Complete.....	27.97	23.77
27 32 13 00-0027	EA	Dual Flush Mounted, Level 5, RJ-45 Jack, Complete	69.45	26.10
27 32 13 00-0028	EA	Wall Mount, Level 5, RJ-45 Jack, Complete	65.61	26.10
27 32 13 00-0029	EA	Terminating Strips, Inside	133.16	52.19
27 32 13 00-0030	EA	Dual Outlet, 4-Pin Telephone Receptacle, Concealed Type RJ-45 - Complete.....	58.14	26.85
27 32 13 00-0031	EA	Ready Access Closure 3 To 25 Pair	160.96	62.96
27 32 13 00-0032	EA	Ready Access Closure 25 To 100 Pair	188.55	70.38
27 32 13 00-0033	EA	Termination Block With Bracket 25 Pair.....	61.11	21.14
27 32 13 00-0034	EA	RJ-11 Telephone Receptacle, Concealed Devices - Complete	57.06	26.51
27 32 13 00-0035	EA	Interior Protected Terminal 25 Pair.....	704.61	152.66
27 32 13 00-0036	EA	Interior Protected Terminal 50 Pair	837.87	155.05
27 32 13 00-0037	EA	Pedestal 6" x 6" x 50" 3 To 100 Pair	280.30	63.53

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 32 13 00-0038	EA	Pedestal 8" x 8" x 50" 100 To 300 Pair.....	289.50	63.53
27 32 13 00-0039	EA	Pedestal 10" x 10" x 43" 300 To 600 Pair.....	382.57	81.24
27 32 13 00-0040	EA	Pedestal 10" x 16" x 439 600 Pair.....	796.03	146.37
27 32 13 00-0041	EA	Entrance Protector Terminal 100 Pair.....	1,104.97	167.05
27 32 13 00-0042	EA	Gas Protection Module.....	16.82	5.71
27 32 13 00-0043	EA	Terminating Boxes, Outside With 3 Element Protectors, Per Pair.....	29.62	5.22

27 32 26 Ring-Down Emergency Telephones (27 32)

27 32 26 00-0001	Emergency Telephone (27 32 26)			
Note: Includes CB3000 speakerphone, 3 auxiliary inputs, 2 auxiliary outputs, phone line surge suppressor, analog telephone connection, 70 watt area light with blue beacon, high power strobe, lighted faceplate, 110VAC power, ultra weather resistant finish, vandal resistant hardware, UV resistant lens, dome vent; flat area for directory, access control or other options; 12.75" diameter/8'-6" height, 1/4" thick steel construction, foundation anchor kit, ADA compliant.				
27 32 26 00-0002	EA	Code Blue 1-Standard Emergency Telephone Pedestal Unit (CB 1-s).....	10,990.71	469.82
Note: Includes IA4100 FP1 analog speakerphone with single red 'Push For Help' button, 'Push For Help' bezel, hard wire phone line, passive vent at top, 24V AC, and standard color.				
27 32 26 00-0003	EA	Code Blue 1-Dual Emergency Telephone Pedestal Unit (CB 1-d).....	11,567.46	469.82
Note: Includes IA4100 FP1 analog speakerphone with single red 'Push For Help' button, 'Push For Help' bezel, blank stainless steel plate second opening, hard wire phone line, passive vent at top, 24V AC, and standard color.				
27 32 26 00-0004	EA	Analog Speakerphone With Black Info Button And Red Push For Help Button Code Blue Option (Code Blue IA4100 FP2).....	192.25	
27 32 26 00-0005	EA	Analog Speakerphone With Black Call Button, Keypad And Red Push For Help Button Code Blue Option (Code Blue IA4100 FP2-K).....	288.37	
27 32 26 00-0006	EA	IP Speakerphone With Single Red Push For Help Button Code Blue Option (Code Blue IP5000 FP1).....	720.94	
27 32 26 00-0007	EA	IP Speakerphone With Back Info Button And Red Push For Help Button Code Blue Option (Code Blue IP5000 FP2).....	980.47	
27 32 26 00-0008	EA	IP Speakerphone With Black Call Button, Keypad And Red Push For Help Button Code Blue Option (Code Blue IP5000 FP2-K).....	1,076.60	
27 32 26 00-0009	EA	EMERGENCY (Raised Letters With Braille) Main Bezel Code Blue Option.....	19.22	
27 32 26 00-0010	EA	EMERGENCY/EMERGENCIA (Raised Letters With Braille) Main Bezel Code Blue Option.....	19.22	
27 32 26 00-0011	EA	Directory, Second Opening Code Blue Option.....	173.02	
27 32 26 00-0012	EA	Camera Enclosure With Color IP Camera, Second Opening Code Blue Option.....	1,826.37	
27 32 26 00-0013	EA	HID Card Reader, Second Opening Code Blue Option.....	845.90	
27 32 26 00-0014	EA	HID Card Reader And Color IP Camera, Second Opening Code Blue Option.....	2,739.56	
27 32 26 00-0015	EA	IP Wireless Communication Code Blue Option.....	5,757.88	
Note: 802.11g or secure mesh 5.8. (system UPS backup or unit Night Charge recommended). IP5000 VoIP Speakerphone option must be ordered when selecting IP Wireless Communications. Requires Base Unit(s) and site survey.				
27 32 26 00-0016	EA	Active Venting Code Blue Option.....	307.60	
27 32 26 00-0017	EA	Night Charge Power Code Blue Option.....	2,681.88	
Note: Requires 120V AC external power supplied to Code Blue unit.				
27 32 26 00-0018	EA	Power Transformer Kit, Alternate Incoming Power Code Blue Option.....	672.87	
27 32 26 00-0019	EA	Overhead Camera Mount Code Blue Option.....	1,528.38	
Note: Excludes camera.				
27 32 26 00-0020	EA	Custom Color For Overhead Camera Mount Code Blue Option.....	67.29	

27 32 26 00-0021 City Police Call System (27 32 26)

27 32 26 00-0022	Components (27 32 26 00-0021)			
27 32 26 00-0023	EA	City Police Call System.....	854.32	133.23
27 32 26 00-0024	EA	Concrete Foundation For Police Department Telephone Post.....	755.68	192.99

27 40 Audio-Video Communications (27)

27 41 Audio-Video Systems (27 40)

27 41 16 Integrated Audio-Video Systems and Equipment (27 41)

Note: Includes testing of new devices and certification.

27 41 16 00-0001	Television Distribution System (27 41 16)			
See CSI section 26 05 13 16-0001 for basic wiring, 26 05 19 16-0323 for basic wiring.				
27 41 16 00-0002	Mounted Television Support (27 41 16 00-0001)			
27 41 16 00-0003	EA	Ceiling Mounted Television Support, 19" To 20".....	464.53	128.20
27 41 16 00-0004	EA	Ceiling Mounted Television Support, 19" To 20" With Rack.....	603.37	143.07
27 41 16 00-0005	EA	Ceiling Mounted Television Support, 25" To 27".....	485.87	128.20
27 41 16 00-0006	EA	Ceiling Mounted Television Support, 25" To 27" With Rack.....	624.71	143.07
27 41 16 00-0007	EA	Wall Mounted Television Support, 13".....	368.36	103.02
27 41 16 00-0008	EA	Wall Mounted Television Support, 13" With Rack.....	507.18	114.47
27 41 16 00-0009	EA	Wall Mounted Television Support, 19" To 20".....	396.37	103.02
27 41 16 00-0010	EA	Wall Mounted Television Support, 19" To 20" With Rack.....	535.19	114.47
27 41 16 00-0011	EA	Wall Mounted Television Support, 25" To 27".....	424.37	103.02
27 41 16 00-0012	EA	Wall Mounted Television Support, 25" To 27" With Rack.....	563.20	114.47
27 41 16 00-0013	Distribution System (27 41 16 00-0001)			
See CSI section 26 05 13 16-0001 for wire and cabling.				
27 41 16 00-0014	TV Distribution Rack (27 41 16 00-0013)			
27 41 16 00-0015	EA	Steel Rack Cabinet With Shelves.....	1,672.63	210.13
27 41 16 00-0016	EA	Switch And Pilot Light.....	252.17	93.35
27 41 16 00-0017	LF	Surface Raceway With Outlets.....	29.97	12.68

27 Communications
27 40 Audio-Video Communications
27 41 Audio-Video Systems



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 41 16 00-0018	EA		Service Label.....	35.24	17.48
27 41 16 00-0019			Head End Amplifier (27 41 16 00-0013)		
27 41 16 00-0020	EA		Head End Amplifier.....	1,115.96	139.86
27 41 16 00-0021			UHF In-Line Booster Amplifier And Power Supply (27 41 16 00-0013)		
27 41 16 00-0022	EA		UHF In-Line Booster.....	644.00	139.86
27 41 16 00-0023			Preamplifiers (27 41 16 00-0013)		
27 41 16 00-0024	EA		VHF Preamplifier.....	810.19	139.86
27 41 16 00-0025	EA		UHF Preamplifier.....	644.00	139.86
27 41 16 00-0026			Power Supplies (27 41 16 00-0013)		
27 41 16 00-0027	EA		Common Power Supply.....	1,157.40	199.85
27 41 16 00-0028			Line Splitter And Mixer (27 41 16 00-0013)		
27 41 16 00-0029	EA		Line Splitter.....	96.17	46.62
27 41 16 00-0030	EA		Two-Way Splitter.....	109.40	46.62
27 41 16 00-0031	EA		Frequency Filter.....	247.28	70.04
27 41 16 00-0032	EA		Line Splitter And Mixer.....	293.94	102.84
27 41 16 00-0033			Power Line Filters (27 41 16 00-0013)		
27 41 16 00-0034	EA		120-Volt Power Supply Line Filter.....	484.82	93.35
27 41 16 00-0035			Wall Box And Receiver Outlets (27 41 16 00-0013)		
27 41 16 00-0036	EA		Wall Box With Lockable Cover, Excluding Outlet Plug.....	247.28	70.04
27 41 16 00-0037	EA		TV Receiver Outlet Plug.....	109.40	46.62
27 41 16 00-0038	EA		TV Camera Outlet Plug.....	109.40	46.62
27 41 16 00-0039	EA		Audio Outlet Plug.....	92.83	46.62
27 41 16 00-0040	EA		12 Ft RG 6U Cable With G-59 And TV Set Fittings.....	194.00	93.35
27 41 16 00-0041	EA		Male Plug PL-259.....	109.40	46.62
27 41 16 00-0042	EA		Wall Box And Receiver Outlet Television Outlets.....	127.57	48.90
27 41 33			Master Antenna Television Systems (27 41)		
27 41 33 00-0001			Antenna Systems (27 41 33)		
27 41 33 00-0002			Antenna (27 41 33 00-0001)		
27 41 33 00-0003	EA		Amateur Radio Antenna.....	1,054.77	171.39
27 41 33 00-0004	EA		Multi-Band Radio Antenna.....	816.70	171.39
27 41 33 00-0005			Receptacles (27 41 33 00-0001)		
27 41 33 00-0006	EA		Amateur Radio Antenna System Receptacle With Mating Plugs And Adapter.....	230.67	70.04
27 41 33 00-0007	EA		Multi-Band Radio Antenna System Receptacle With Mating Plugs.....	230.67	70.04
27 50 Distributed Communications and Monitoring Systems (27)					
27 51 Distributed Audio-Video Communications Systems (27 50)					
27 51 17 Video Intercom and Exterior Gate Control System (27 51)					
27 51 17 00-0001 Video Intercom And Exterior Gate Control System (27 51 17)					
27 51 17 00-0002	EA		Audio Video Master Control Station With Handset, White Finish (Aiphone IX-MV7-HW).....	1,450.90	143.07
27 51 17 00-0003	EA		Audio Video Master Control Station (Aiphone AX-8MV).....	1,165.01	143.07
27 51 17 00-0004	EA		16-call Add-on Selector For AX Masters (Aiphone AX-16SW).....	484.69	143.07
27 51 17 00-0005	EA		Central Exchange Unit (Aiphone AX-084C).....	1,385.91	71.54
27 51 17 00-0006	EA		Central Exchange Unit (Aiphone AX-248C).....	1,890.19	71.54
27 51 17 00-0007	EA		Touch Tone Programmable Dialer (Viking K-1900-5).....	141.33	28.62
27 51 17 00-0008	EA		Surface Mount Audio/Video Door Station (Aiphone IX-DV).....	1,000.24	28.62
27 51 17 00-0009	EA		Surface Or Flush Wall Mount Audio/Video Door Station (Aiphone IX-DVF).....	1,375.51	28.62
27 51 17 00-0010	EA		Surface Mount Audio/Video Door Station (Aiphone AX-DV).....	445.04	28.62
27 51 17 00-0011	EA		Flush Mount Audio/Video Door Station (Aiphone AX-DVF).....	501.95	28.62
27 51 17 00-0012	EA		12 Volt, 2.5 Amperes, DC Power Supply (Aiphone PS-1225UL).....	135.83	14.31
			Note: UL Listed		
27 51 17 00-0013	EA		24 Volt, 2 Amperes, DC Power Supply (Aiphone PS-2420UL).....	147.75	14.31
			Note: UL Listed		
27 51 17 00-0014	EA		IP Video Master Station (Aiphone IX-MV).....	1,773.49	143.07
27 51 17 00-0015	EA		Handset Only For IX-MV (Aiphone 285999).....	60.66	5.72
27 51 17 00-0016	EA		Hands Free Sub Master Video Monitor (Aiphone JF-2HD).....	748.08	143.07
27 51 17 00-0017	EA		Stainless Steel Video Door Station With HID ProxPoint Plus Reader, Flush Mount (Aiphone AX-DVF-P).....	715.04	28.62
27 51 17 00-0018	EA		Stainless Steel Surface Mount Box For IS-SS, IS-DVF, IS-IPDVF, IX-DF(SS) (Aiphone SBX-IDVF).....	216.06	28.62
27 51 17 00-0019	EA		Stainless Steel Surface Mount Box For AX-DVF (Aiphone SBX-AXDVF).....	241.21	28.62
27 51 17 00-0020	EA		Stainless Steel Security Lock Box For IS-DV, IS-DVF, IX-DF, IX-SS, IX-DF-HID, And IX-DF-RP10 (Aiphone LB-SDVFA).....	294.98	42.92

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 51 17 00-0021	EA	Front Case With Lens Cover For AX-DV And AX-DVF Cameras (Aiphone 240880).....	65.43	14.31
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27 51 43 Sound Reinforcement (27 51)

Note: Includes testing of new devices and certification.

27 51 43 00-0001 Amplifiers (27 51 43)

27 51 43 00-0002	EA	10 Watt PA/Paging System Amplifier, 70 Volt (Bogen C10)	530.55	114.47
27 51 43 00-0003	EA	35 Watt PA/Paging System Amplifier, 70 Volt (Bogen C35)	756.65	114.47
27 51 43 00-0004	EA	60 Watt PA/Paging System Amplifier, 70 Volt (Bogen C60)	901.79	114.47
27 51 43 00-0005	EA	100 Watt PA/Paging System Amplifier, 70 Volt (Bogen 100)	1,005.34	114.47
27 51 43 00-0006	EA	150 Watt PA/Paging System Amplifier, 70 Volt (Bogen GS150).....	1,256.25	114.47
27 51 43 00-0007	EA	250 Watt PA/Paging System Amplifier, 70 Volt (Bogen GS250).....	1,631.47	114.47
27 51 43 00-0008	EA	Rack Mount Kit For PA/Paging System Amplifiers (Bogen GSRPK)	64.56	5.72

27 51 43 00-0009 Splitters (27 51 43)

27 51 43 00-0010	EA	24 Watt, 5 Output, Isolated Splitter (Doug Fleenor 125EE)	3,261.91	85.70
27 51 43 00-0011	EA	1-in/11-out Splitter (Doug Fleenor DMX)	2,941.51	85.70

27 51 43 00-0012 Speakers (27 51 43)

27 51 43 00-0013	EA	8", 5 Watt Recessed Ceiling Mounted Speaker With Transformer And Baffle (Atlas Sound FD72W)	203.41	30.62
27 51 43 00-0014	EA	8" Steel Baffle (Atlas Sound 51-8)	66.32	5.71
27 51 43 00-0015	EA	T-Bar Support (Atlas Sound EZ95-8)	74.22	5.71
27 51 43 00-0016	EA	8" Cylindrical Enclosure With Undercoating (Atlas Sound Q408)	116.53	5.71
27 51 43 00-0017	EA	Plate Mounted 10 Watt Attenuator With Priority Relay (Atlas Sound AT10-PA)	106.61	10.28

27 51 43 00-0018 Accessories (27 51 43)

27 51 43 00-0019	EA	Microphone And Stand For Audio/Video System (Bogen MBS-1000A).....	315.75	14.31
27 51 43 00-0020	EA	5 Disk CD Player For Audio/Video System (Bogen DCM290-P)	711.58	14.31
27 51 43 00-0021	EA	Weather Proof Horn For Audio/Video System (Bogen SPT5A)	177.36	28.62
27 51 43 00-0022	EA	Trumpet Driver And Line Matching Transformer For Audio/Video System (Atlas PD-60A)	331.34	28.62
27 51 43 00-0023	EA	Headset Microphone For Audio/Video System (Audio Technica Pro8Hex)	241.32	28.57
27 51 43 00-0024	EA	Microphone Jack For Audio/Video System	109.89	28.62
27 51 43 00-0025	EA	Terminal Cabinet For Audio/Video System (Atlas 121-18)	944.00	114.47
27 51 43 00-0026	EA	Volume Control For Audio/Video System (Bogen AT10A).....	104.90	28.62
27 51 43 00-0027	EA	Round Bridge for 8" (S86/S810) Recessed Speakers (Bogen Communications TB8).....	72.53	28.62

27 51 43 00-0028 Removal And Reinstallation Of Speakers (27 51 43)

Note: Includes storage, cleaning and supply materials.

27 51 43 00-0029	EA	Removal And Reinstallation Of Ceiling Mounted Speaker.....	159.97	
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27 52 Healthcare Communications and Monitoring Systems (27 50)

27 52 23 Nurse Call/Code Blue Systems (27 52)

27 52 23 00-0001 Wireless Equipment Nurses Call Systems (27 52 23)

Note: Includes all mounting hardware, batteries, cable and connections. Electronic.

27 52 23 00-0002 Wireless Nurses Call System (27 52 23 00-0001)

27 52 23 00-0003	EA	NurseCall Main Unit (Rechargeable Battery Included); NCM2	8,123.93	
27 52 23 00-0004	EA	NurseCall Main Unit (Rechargeable Battery Included) 300+ Transmitters; NCM2S	8,992.51	
27 52 23 00-0005	EA	NurseCall Local Unit (Rechargeable Battery Included), Quantity 1-5 Units; NCL2	5,754.54	
27 52 23 00-0006	EA	NurseCall Local Unit (Rechargeable Battery Included), Quantity 6-10 Units; NCL2	4,649.09	
27 52 23 00-0007	EA	NurseCall Local Unit (Rechargeable Battery Included), Quantity 11-15 Units; NCL2	4,180.85	
27 52 23 00-0008	EA	NurseCall Local Unit (Rechargeable Battery Included), Quantity 16+ Units; NCL2	3,712.46	
27 52 23 00-0009	EA	Resident Bed Station With Relay; N45	973.45	
27 52 23 00-0010	EA	Bed Push Button For Use With N45 (9'); RB13-9	470.62	
27 52 23 00-0011	EA	Pull Cord Replacement For S35; S35PC	31.70	
27 52 23 00-0012	EA	Wall Mount Pull-Cord Transmitter/Mounting Hardware - Auto Supervision; S35S	686.78	
27 52 23 00-0013	EA	Wall Mount Pull-Cord Transmitter/Mounting Hardware - Assist Tone; S35A	686.78	
27 52 23 00-0014	EA	Remote Reset Button; S35R	666.51	
27 52 23 00-0015	EA	Waterproof Wrist Transmitter (Automatic Supervision); S37	467.72	
27 52 23 00-0016	EA	Wrist Band Replacement For S37; S37WB	40.39	
27 52 23 00-0017	EA	Locate 1 Waterproof Wrist Transceiver; S37L	574.86	
27 52 23 00-0018	EA	Locate 1 Beacon; IS75	1,833.51	
27 52 23 00-0019	EA	Wireless Smoke Detector Transmitter; SD35	1,166.00	
27 52 23 00-0020	EA	Wireless Door Contact Transmitter; RAC35	902.50	
27 52 23 00-0021	EA	Wireless Time Controlled Door Contact; RAC45	902.50	
27 52 23 00-0022	EA	Local Receiver With Relay (110 Volt AC); LE9	1,122.57	
27 52 23 00-0023	EA	Voice Response Unit (Rechargeable Battery Included); S10	1,910.17	
27 52 23 00-0024	EA	Alarm Receiving Unit (Rechargeable Battery Included); ARU	3,806.60	
27 52 23 00-0025	EA	NurseCall Programming Software; NPS	10,736.58	
27 52 23 00-0026	EA	NurseCall Printer Interface; NCPI	3,636.72	
27 52 23 00-0027	EA	NurseCall Computer Center (Includes NurseCall Software, PC, Monitor, Printer And UPS); NCCN	18,960.08	
27 52 23 00-0028	EA	9V NiMH Rechargeable Battery (Replacement For S10, NCM2, And NCL2); NMH9R	83.74	
27 52 23 00-0029	EA	6V Lithium Battery (Replacement For S35 And RAC35); LIT6	75.05	
27 52 23 00-0030	EA	9V Alkaline Battery (Replacement For N45); ALK9	34.51	
27 52 23 00-0031	EA	Giant LED Single Sided Display; NCGD	18,731.48	
27 52 23 00-0032	EA	Serial Printer; NCSP	1,936.01	
27 52 23 00-0033	EA	Modular Duplex T-Adapter (Replacement For S10); SE-486A	37.49	
27 52 23 00-0034	EA	AC Adapter (Replacement For S10); STA-4110A	72.24	

27 Communications
27 50 Distributed Communications and Monitoring Systems
27 52 Healthcare Communications and Monitoring Systems

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 52 23 00-0035	EA		S10 Phone Cord (Replacement For S10); STC.....	37.49	
27 52 23 00-0036	EA		Waveware Paging System, Use With NCCN (Dell Computer); SPS-5	8,269.53	
27 52 23 00-0037	EA		Waveware Pagers; DAP-040	1,166.16	
27 52 23 00-0038			Wireless Nurses Call Tele/Management System (27 52 23 00-0001)		
27 52 23 00-0039	EA		Tele/Management Unit; TP12	4,472.58	
27 52 23 00-0040	EA		Tele/Management Software; TP12S.....	4,389.51	
27 52 23 00-0041			Wireless Nurses Call Paging System (27 52 23 00-0001)		
27 52 23 00-0042	EA		Standard Paging System (2.5 Watt Transmitter); RPE673	13,340.55	
27 52 23 00-0043	EA		Removal And Replacement Of Antenna For RPE673; RPE673AN	936.58	
27 52 23 00-0044	EA		Removal And Replacement Of Power For RPE673; RPE673PS.....	1,266.68	
27 52 23 00-0045	EA		Alphanumeric Pager; RPR583.....	1,553.34	
27 52 23 00-0046	EA		Removal And Replacement Of Holster For RPR583; RPR583H	83.65	
27 52 23 00-0047			Wireless Nurses Call System (Fisher-Berkley) (27 52 23 00-0001)		
			Note: Repair Parts: Alco Sales		
27 52 23 00-0048	EA		Staff Station (Fisher-Berkley AL-59900R).....	874.61	
27 52 23 00-0049	EA		Area Central Module (Fisher-Berkley AL-59901R)	691.80	
27 52 23 00-0050	EA		Dual Patient (Fisher-Berkley AL-59902R).....	813.77	
27 52 23 00-0051	EA		Code Blue (Fisher-Berkley AL-59903R).....	448.05	
27 52 23 00-0052	EA		Bath Emergency Station (Fisher-Berkley AL-59904R).....	712.11	
27 52 23 00-0053	EA		Single Station With Sidecom (Fisher-Berkley AL-59905R).....	935.54	
27 52 23 00-0054	EA		Dual Station With Sidecom (Fisher-Berkley AL-59906R).....	1,256.73	
27 52 23 00-0055	EA		Single Patient Station (Fisher-Berkley AL-59907R).....	488.68	
27 52 23 00-0056	EA		Duty Station (Fisher-Berkley AL-59908R).....	529.30	
27 52 23 00-0057	EA		Master Station (Fisher-Berkley AL-59909R)	6,989.81	
27 52 23 00-0058	EA		Station In/Out Board (Fisher-Berkley AL-59910R).....	3,422.50	
27 52 23 00-0059	EA		Power Supply (Fisher-Berkley AL-59911R)	3,567.21	
27 52 23 00-0060	EA		Pillow Speaker (Fisher-Berkley AL-59913R).....	651.17	
27 52 23 00-0061	EA		Staff Presence Station (Fisher-Berkley AL-59914R).....	488.68	
27 52 23 00-0062	EA		HB System Patient Station (Fisher-Berkley AL-59915R).....	549.61	
27 52 23 00-0063	EA		HB System Staff Station (Fisher-Berkley AL-59916R).....	508.99	
27 52 23 00-0064	EA		Station In/Out Board Expdr (Fisher-Berkley AL-59917R).....	2,837.26	
27 52 23 00-0065	EA		Master In/Out Board (Fisher-Berkley AL-59918R).....	2,309.15	
27 52 23 00-0066	EA		MMC Central Processor Unit (Fisher-Berkley AL-59919R).....	2,829.13	
27 52 23 00-0067			Equipment Nurses Call Systems (27 52 23)		
27 52 23 00-0068	EA		Nurses Call System, Page/Talk Relay Intercommunication Equipment.....	278.92	59.42
27 52 23 00-0069	EA		Nurses Call System, Main Equipment Panel Intercommunication Equipment	3,066.25	237.67
27 52 23 00-0070	EA		Nurses Call System, Re-Entrant Horn Intercommunication Equipment	291.46	77.70
27 52 23 00-0071	EA		Nurses Call System, Nurses Control Station Intercommunication Equipment.....	1,410.97	228.53
27 52 23 00-0072	EA		Nurses Call System, Duty Station Intercommunication Equipment.....	722.39	178.25
27 52 23 00-0073	EA		Nurses Call System, Staff Station Intercommunication Equipment.....	385.43	59.42
27 52 23 00-0074	EA		Nurses Call System, Single Bedside Station Intercommunication Equipment.....	364.38	59.42
27 52 23 00-0075	EA		Nurses Call System, Double Bedside Station Intercommunication Equipment.....	554.18	103.98
27 52 23 00-0076	EA		Nurses Call System, Emergency Call Button Intercommunication Equipment.....	162.97	45.71
27 52 23 00-0077	EA		Nurses Call System, Pull Cord Button Intercommunication Equipment	149.42	45.71
27 52 23 00-0078	EA		Nurses Call System, Single Dome Light Intercommunication Equipment.....	108.64	29.71
27 52 23 00-0079	EA		Nurses Call System, Double Dome Light Intercommunication Equipment.....	157.19	45.71
27 52 23 00-0080	EA		Nurses Call System, Pillow Speaker Intercommunication Equipment.....	248.47	29.71
27 52 23 00-0081	EA		Nurses Call System, Cord Set Intercommunication Equipment	118.84	29.71
27 52 23 00-0082	EA		Nurse Call System, Master-20 Station	6,303.75	228.53
27 52 23 00-0083	EA		Dukane Duty Station - Tone Only, PC1000	1,004.32	178.37

27 53 Distributed Systems (27 50)

27 53 13 Clock Systems (27 53)

27 53 13 16 Wired Clock Systems (27 53 13)

27 53 13 16-0001			Wired Self-Corrective Clock Systems (27 53 13 16)		
27 53 13 16-0002			Wired Self-Corrective Clocks (27 53 13 16-0001)		
27 53 13 16-0003			Analog, Wired Self-Corrective Clocks (Telecor) (27 53 13 16-0002)		
27 53 13 16-0004			24 Volt AC, Analog, Wired Self-Corrective Clocks (27 53 13 16-0003)		
27 53 13 16-0005	EA		12", Single Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	222.07	28.57
			For >50 To 100, Deduct	-15.15	
			For >100, Deduct	-21.75	
27 53 13 16-0006	EA		12", Dual Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount.....	516.47	28.57
			For >50 To 100, Deduct	-26.92	
			For >100, Deduct	-45.30	
27 53 13 16-0007	EA		16", Single Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	276.36	28.57
			For >50 To 100, Deduct	-19.51	
			For >100, Deduct	-28.28	
27 53 13 16-0008	EA		16", Dual Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount.....	679.33	28.57
			For >50 To 100, Deduct	-70.77	
			For >100, Deduct	-95.66	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 53 13 16-0009	120 Volt AC, Analog, Wired Self-Corrective Clocks <small>(27 53 13 16-0003)</small>		
27 53 13 16-0010	EA 12", Single Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	222.07 -15.15 -21.75	28.57
27 53 13 16-0011	EA 12", Dual Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	516.47 -26.92 -45.30	28.57
27 53 13 16-0012	EA 16", Single Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	276.36 -19.51 -28.28	28.57
27 53 13 16-0013	EA 16", Dual Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	679.33 -70.77 -95.66	28.57
27 53 13 16-0014	Accessories For Analog Wired Self-Corrective Clocks <small>(27 53 13 16-0003)</small>		
27 53 13 16-0015	EA Wire Guards For 12", 15" Or 16" Analog Wired Self-Corrective Clocks.....	179.94	14.28
27 53 13 16-0016	EA Back Box For 10", 12" Or 15" Flush Mount Analog Wired Self-Corrective Clocks.....	49.45	14.28
27 53 13 16-0017	EA Surface Mounting Rings For 12" Analog Wired Self-Corrective Clocks.....	61.46	14.28
27 53 13 16-0018	EA Surface Mounting Rings For 15" Analog Wired Self-Corrective Clocks.....	73.99	14.28
27 53 13 16-0019	EA Combination Back Box For Speaker And Clock.....	151.13	22.85
27 53 13 16-0020	Digital, Wired Self-Corrective Clocks (Telecor) <small>(27 53 13 16-0002)</small>		
27 53 13 16-0021	24 Volt AC, Digital, Wired Self-Corrective Clocks <small>(27 53 13 16-0020)</small>		
27 53 13 16-0022	EA 2.5", 24 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount..... <i>For Surface Mount, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	272.18 43.01 -12.90 -21.51	28.57
27 53 13 16-0023	EA 4", 24 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount..... <i>For Surface Mount, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	414.16 71.41 -21.42 -35.70	28.57
27 53 13 16-0024	120 Volt AC, Digital, Wired Self-Corrective Clocks <small>(27 53 13 16-0020)</small>		
27 53 13 16-0025	EA 2.5", 120 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount..... <i>For Surface Mount, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	272.18 43.01 -12.90 -21.51	28.57
27 53 13 16-0026	EA 4", 120 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount..... <i>For Surface Mount, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	414.16 71.41 -21.42 -35.70	28.57
27 53 13 16-0027	Replacement Modules For 24 Volt AC, Digital, Wired Self-Corrective Clocks <small>(27 53 13 16-0020)</small>		
27 53 13 16-0028	EA 2.5", Replacement Module For 24 Volt AC, Digital, Wired Self-Corrective Clocks..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	234.09 -10.62 -17.70	28.57
27 53 13 16-0029	EA 4" Replacement Module For 24 Volt AC, Digital, Wired Self-Corrective Clocks..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	379.71 -19.35 -32.26	28.57
27 53 13 16-0030	Replacement Modules For 120 Volt AC, Digital, Wired Self-Corrective Clocks <small>(27 53 13 16-0020)</small>		
27 53 13 16-0031	EA 2.5", Replacement Module For 120 Volt AC, Digital, Wired Self-Corrective Clocks..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	234.09 -10.62 -17.70	28.57
27 53 13 16-0032	EA 4" Replacement Module For 120 Volt AC, Digital, Wired Self-Corrective Clocks..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	379.71 -19.35 -32.26	28.57
27 53 13 16-0033	Accessories For Digital Wired Self-Corrective Clocks <small>(27 53 13 16-0020)</small>		
27 53 13 16-0034	EA Wire Guard For 4" Surface Mount Analog Wired Self-Corrective Clocks.....	243.62	14.28
27 53 13 16-0035	EA 2.5", Recessed Back Box For Flush Mount Digital Wired Self-Corrective Clocks.....	61.98	14.28
27 53 13 16-0036	EA 4", Recessed Back Box For Flush Mount Digital Wired Self-Corrective Clocks.....	83.90	14.28
27 53 13 16-0037	EA Dual Mounting Kit For Surface Mount Digital Wired Self-Corrective Clocks.....	213.35	14.28
27 53 13 16-0038	EA 4 Gang Extension Ring For Surface Mount Digital Wired Self-Corrective Clocks.....	63.55	14.28
27 53 13 16-0039	Wired Self-Corrective Master Clocks <small>(27 53 13 16-0001)</small>		
27 53 13 16-0040	Wired Self-Corrective Master Clocks <small>(27 53 13 16-0039)</small>		
27 53 13 16-0041	EA 24 Volt AC, Wired Self-Corrective Master Clock, Surface Mount (Telecor 2400-S-24).....	2,540.78	228.53
27 53 13 16-0042	EA 120 Volt AC, Wired Self-Corrective Master Clock, Surface Mount (Telecor 2400-S-120).....	2,697.38	228.53
27 53 13 16-0043	Accessories For Wired Self-Corrective Master Clocks <small>(27 53 13 16-0039)</small>		
27 53 13 16-0044	EA 5 Amperes Power Transformer For 24 Volt AC, Wired Self-Corrective Clock Systems (Telecor 2405).....	272.44	57.13
27 53 13 16-0045	EA 10 Amperes Power Transformer For 24 Volt AC, Wired Self-Corrective Clock Systems (Telecor 2406).....	305.31	57.13

27 Communications

27 50 Distributed Communications and Monitoring Systems

27 53 Distributed Systems



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

27 53 13 16-0046		Other Clock And Program Systems <small>(27 53 13 16)</small>		
27 53 13 16-0047	EA	4 Circuit Master Clock And Signal Control (Lathem LTR4-512).....	1,905.84	114.27
27 53 13 16-0048	EA	8 Circuit Master Clock And Signal Control (Lathem LTR8-512).....	2,293.39	228.53
27 53 13 16-0049	EA	Program Bell (Lathem 906-6).....	275.79	57.13
27 53 13 16-0050	EA	Combination Clock And Speaker.....	624.51	142.82

END OF SECTION 27

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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28 Electronic Safety and Security

Note: Termination costs are included with all safety and security equipment, panel boards, and devices. Terminations are not included with patch panels.

28 05 Common Work Results for Electronic Safety and Security ⁽²⁸⁾

28 05 26 Grounding and Bonding for Electronic Safety and Security ^(28 05)

See CSI section 26 05 26 00-0000 for grounding and bonding.

28 05 53 Identification for Electronic Safety and Security ^(28 05)

See CSI section 26 05 53 00-0000 for identification.

28 10 Access Control ⁽²⁸⁾

Note: Includes testing of new devices and certification.

28 15 Integrated Access Control Hardware Devices ^(28 10)

28 15 11 Integrated Credential Readers and Field Entry Management ^(28 15)

28 15 11 13 Keypads ^(28 15 11)

28 15 11 13-0001 Vindicator Security Alarm System ^(28 15 11 13)

28 15 11 13-0002	EA	Switch, Balanced Magnetic Door (Security) Vindicator #192-30894-00.....	1,567.20	238.24
28 15 11 13-0003	EA	Detector, Passive Infrared (Security) Vindicator #316-30812-00.....	1,981.63	309.66
28 15 11 13-0004	EA	Premise Control Unit (Security) Vindicator #548-32004-01.....	11,055.16	678.72
28 15 11 13-0005	EA	Access Manager (Security Key Pad) Vindicator #548-31894-01.....	5,245.54	578.41
28 15 11 13-0006	EA	ALS Duress Switch (Security) Vindicator #192-30810-00.....	1,249.07	316.39

28 16 Access Control Interfaces ^(28 10)

28 16 11 Access Control Interfaces to Access Control Hardware ^(28 16)

28 16 11 00-0001 Stand Alone Access Controls ^(28 16 11)

28 16 11 00-0002 Push Button Controls, Stand Alone Access Controls ^(28 16 11 00-0001)

28 16 11 00-0003 Interior Mount, Push Button Controls, Stand Alone Access Controls ^(28 16 11 00-0002)

28 16 11 00-0004	EA	Exit Push Button, Push Button Controls, Interior Stand Alone Access Controls..... Note: Controls mount to a standard mullion.	139.52	28.57
28 16 11 00-0005	EA	Exit Push Button, Push Button Controls, Interior Stand Alone Access Controls..... Note: Controls mount into a single gang electrical box. Excludes electrical box.	146.38	28.57
28 16 11 00-0006	EA	Three Button, Push Button Controls, Interior Stand Alone Access Controls For Gate Operators..... Note: Controls mount into a single gang electrical box. Excludes electrical box.	185.86	28.57

28 16 11 00-0007 Exterior Mount, Push Button Controls, Stand Alone Access Controls ^(28 16 11 00-0002)

Note: Includes a lockable, gasketed 16 gauge steel enclosure. Excludes mounting posts.

28 16 11 00-0008 EA Handicap/Push To Open, Push Button Controls, Exterior Stand Alone Access Controls.....
Note: Controls mount into a single gang electrical box. Excludes electrical box.

28 16 11 00-0009 EA 42" High Aluminum Post With Handicap/Push To Open, Push Button Controls, Exterior Stand Alone Access Controls.....
Note: Includes post, mounting base and push button control. Excludes concrete foundation.

28 16 11 00-0010 EA Three Button, Exterior Stand Alone Access Controls For Gate Operators.....
Note: Includes open, close and stop controls.

28 16 11 00-0011 Key Controls, Stand Alone Access Controls ^(28 16 11 00-0001)

28 16 11 00-0012 Interior Mount, Key Controls, Stand Alone Access Controls ^(28 16 11 00-0011)

28 16 11 00-0013 EA Standard Mortise Key, Key Controls, Interior Stand Alone Access Controls.....
Note: Controls mount into a single gang electrical box. Excludes electrical box.

28 16 11 00-0014 Exterior Mount, Key Controls, Stand Alone Access Controls ^(28 16 11 00-0011)

Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.

28 16 11 00-0015 EA Postal Or Fire Department Lock Box, Key Controls, Exterior Stand Alone Access Controls.....
Note: Opens door or gate with a postal or fire department key.

28 16 11 00-0016 EA Standard Mortise Key, Key Controls, Exterior Stand Alone Access Controls.....

28 16 11 00-0017 EA Ace Key, Key Controls, Exterior Stand Alone Access Controls.....

28 16 11 00-0018 EA Standard Mortise Key And Push Button Intercom, Key Controls, Exterior Stand Alone Access Controls.....

28 16 11 00-0019 Keypad Controls, Stand Alone Access Controls ^(28 16 11 00-0001)

28 16 11 00-0020 Interior Mount, Keypad Controls, Stand Alone Access Controls ^(28 16 11 00-0019)

28 16 11 00-0021 EA One Code Memory, Keypad Control, Interior Stand Alone Access Controls.....
Note: Stores one 4-digit entry code and one 4-digit hold code. Controls mount into a single gang electrical box. Excludes electrical box.

28 16 11 00-0022 Exterior Mount, Keypad Controls, Stand Alone Access Controls ^(28 16 11 00-0019)

Note: Includes a surface mounted lockable NEMA rain resistant steel enclosure. Excludes mounting posts.

28 Electronic Safety and Security**28 10 Access Control****28 16 Access Control Interfaces**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
28 16 11 00-0023		Keypad Controls, Exterior Stand Alone Access Controls (28 16 11 00-0022)			
28 16 11 00-0024	EA	1000 Code Memory, Keypad Control, Exterior Stand Alone Access Controls Note: Includes lighted keypad. Stores one thousand 4-digit entry codes and six 5-digit entry codes.	1,172.54		114.27
		<i>For Flush Mount, Add</i>	212.40		
28 16 11 00-0025		Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls (28 16 11 00-0022)			
		Note: Includes intercom sub-station. Excludes additional receiving intercoms.			
28 16 11 00-0026	EA	1000 Code Memory, Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls Note: Includes lighted keypad. Stores one thousand 4-digit entry codes and six 5-digit entry codes.	1,424.23		128.55
		<i>For Flush Mount, Add</i>	262.61		
28 16 11 00-0027		RF Controls, Stand Alone Access Controls (28 16 11 00-0001)			
28 16 11 00-0028		Exterior Mount, RF Controls, Stand Alone Access Controls (28 16 11 00-0027)			
		Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts and transmitters.			
28 16 11 00-0029		RF Receivers, RF Controls, Exterior Stand Alone Access Controls (28 16 11 00-0028)			
		Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts and transmitters.			
28 16 11 00-0030	EA	50 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls.....	691.95		114.27
28 16 11 00-0031	EA	100 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls.....	784.64		114.27
28 16 11 00-0032	EA	250 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls.....	873.89		114.27
28 16 11 00-0033	EA	500 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls.....	970.00		114.27
28 16 11 00-0034	EA	1000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls.....	1,059.26		114.27
28 16 11 00-0035	EA	5000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls.....	1,155.37		114.27
28 16 11 00-0036	EA	16000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls.....	1,244.62		114.27
28 16 11 00-0037		RF Transmitters, RF Controls, Exterior Stand Alone Access Controls (28 16 11 00-0028)			
28 16 11 00-0038	EA	1 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls..... <i>For >40 To 110, Deduct</i> <i>For >110, Deduct</i> <i>For Built In Proximity Tags, Add</i>	58.36 -2.92 -5.84 11.67		
28 16 11 00-0039	EA	2 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls..... <i>For >40 To 110, Deduct</i> <i>For >110, Deduct</i> <i>For Built In Proximity Tags, Add</i>	61.79 -3.09 -6.18 12.36		
28 16 11 00-0040	EA	3 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls..... <i>For >40 To 110, Deduct</i> <i>For >110, Deduct</i> <i>For Built In Proximity Tags, Add</i>	65.22 -3.26 -6.52 13.04		
28 16 11 00-0041		Accessories For RF Receivers, Exterior Stand Alone Access Controls (28 16 11 00-0028)			
28 16 11 00-0042	EA	Coax Antenna Kit For RF Receivers, Exterior Stand Alone Access Controls Note: Includes 15' of coax cable.	253.78		85.70
28 16 11 00-0043	EA	Antenna Amplifier For RF Receivers, Exterior Stand Alone Access Controls Note: Includes 20' of coax cable.	514.67		85.70
28 16 11 00-0044	EA	Yagi High-Gain Antenna Kit For RF Receivers, Exterior Stand Alone Access Controls..... Note: Includes 15' of coax cable.	466.61		85.70
28 16 11 00-0045		Proximity Card Controls, Stand Alone Access Controls (28 16 11 00-0001)			
28 16 11 00-0046		Exterior Mount, Proximity Card Controls, Stand Alone Access Controls (28 16 11 00-0045)			
		Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.			
28 16 11 00-0047		DKS Proximity Card Controls, Exterior Stand Alone Access Controls (28 16 11 00-0046)			
28 16 11 00-0048		DKS Proximity Card Readers, Exterior Stand Alone Access Controls (28 16 11 00-0047)			
28 16 11 00-0049	EA	DKS Proximity Card Reader, Exterior Stand Alone Access Controls.....	1,344.17		114.27
28 16 11 00-0050		AWID Proximity Card Controls, Exterior Stand Alone Access Controls (28 16 11 00-0046)			
28 16 11 00-0051		AWID Proximity Card Readers, Exterior Stand Alone Access Controls (28 16 11 00-0050)			
28 16 11 00-0052	EA	AWID Proximity Card Reader, Exterior Stand Alone Access Controls.....	1,464.32		114.27
28 16 11 00-0053		HID Proximity Card Controls, Exterior Stand Alone Access Controls (28 16 11 00-0046)			
28 16 11 00-0054		HID Proximity Card Readers, Exterior Stand Alone Access Controls (28 16 11 00-0053)			
28 16 11 00-0055	EA	HID Proximity Card Reader, Exterior Stand Alone Access Controls.....	1,738.94		114.27
28 16 11 00-0056		Magnetic Stripe Card Controls, Stand Alone Access Controls (28 16 11 00-0001)			
28 16 11 00-0057		Interior Mount, Magnetic Stripe Card Controls, Stand Alone Access Controls (28 16 11 00-0056)			
28 16 11 00-0058	EA	Magnetic Stripe Reader, Interior Stand Alone Access Controls.....	794.93		114.27

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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28 16 11 00-0059			Exterior Mount, Magnetic Stripe Card Controls, Stand Alone Access Controls <small>(28 16 11 00-0056)</small>		
			Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 16 11 00-0060	EA		Magnetic Stripe Reader, Exterior Stand Alone Access Controls.....	988.77	114.27
28 16 11 00-0061			Other Stand Alone Access Controls <small>(28 16 11 00-0001)</small>		
28 16 11 00-0062	EA		Toggle Switch, Interior Access Controls For Gate Operators	134.37	28.57
			Note: Controls mount into a single gang electrical box. Excludes electrical box.		
28 16 11 00-0063	EA		Request To Exit Motion Detector (Bosch Security Systems DS160)	142.41	22.85
28 16 11 00-0064			Wiegand Output Access Controls <small>(28 16 11)</small>		
			Note: Excludes controllers.		
28 16 11 00-0065			Proximity Card Controls, Wiegand Output Access Controls <small>(28 16 11 00-0064)</small>		
28 16 11 00-0066			DKS, Proximity Card Controls, Wiegand Output Access Controls <small>(28 16 11 00-0065)</small>		
28 16 11 00-0067			DKS, Proximity Cards <small>(28 16 11 00-0066)</small>		
28 16 11 00-0068	EA		Clamshell Type, DKS Proximity Card (DKS 170).....	9.13	
28 16 11 00-0069	EA		ISO Compliant Graphics Card, DKS Proximity Card (DKS 80).....	15.06	
28 16 11 00-0070	EA		DKS Proximity Key Fob (DKS 50).....	15.86	
28 16 11 00-0071	EA		Active Tag, DKS Proximity Tag (DKS 150).....	89.71	
			Note: Battery powered tag to boost signal.		
28 16 11 00-0072	EA		Active Tag, DKS Proximity Tag (DKS 200).....	116.94	
			Note: Battery powered tag to boost signal.		
28 16 11 00-0073			DKS, Proximity Card Readers, Wiegand Output Access Controls <small>(28 16 11 00-0066)</small>		
28 16 11 00-0074	EA		Up To 2" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Small).....	468.28	142.82
28 16 11 00-0075	EA		Up To 3" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Mullion)	468.28	142.82
28 16 11 00-0076	EA		Up To 4" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Single Gang)	468.28	142.82
28 16 11 00-0077	EA		Up To 30" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS).....	1,323.72	142.82
			Note: Includes mounting bracket and 12 Volt DC regulated power supply.		
28 16 11 00-0078			AWID, Proximity Card Controls, Wiegand Output Access Controls <small>(28 16 11 00-0065)</small>		
28 16 11 00-0079			AWID, Proximity Cards <small>(28 16 11 00-0078)</small>		
28 16 11 00-0080	EA		Clamshell Type, AWID Proximity Card (AWID Prox-Linc CS)	7.69	
28 16 11 00-0081	EA		ISO Compliant Graphics Card, AWID Proximity Card (AWID Prox-Linc GR)	12.01	
28 16 11 00-0082	EA		AWID Proximity Key Fob (AWID Prox-Linc KT).....	12.82	
28 16 11 00-0083	EA		Windshield Tag For LR 2000 Readers, AWID Proximity Tag	44.85	
28 16 11 00-0084	EA		Metal Mount Tag For LR 2000 Readers, AWID Proximity Tag	44.85	
28 16 11 00-0085			AWID, Proximity Card Readers, Wiegand Output Access Controls <small>(28 16 11 00-0078)</small>		
28 16 11 00-0086	EA		Up To 4" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID SR 2400).....	574.01	142.82
			Note: For mullion mounting.		
28 16 11 00-0087	EA		Up To 8" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MM 6800).....	804.69	142.82
			Note: For mullion mounting.		
28 16 11 00-0088	EA		Up To 8" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MM 6820)	804.69	142.82
			Note: For single gang electrical box mounting.		
28 16 11 00-0089	EA		Up To 24" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MR 1824).....	1,326.93	142.82
			Note: Includes 12 Volt DC regulated power supply.		
28 16 11 00-0090	EA		Up To 11' Read Range, 12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID LR 2000).....	7,593.76	142.82
			Note: Includes mounting bracket and 12 Volt DC regulated power supply.		
28 16 11 00-0091			HID, Proximity Card Controls, Wiegand Output Access Controls <small>(28 16 11 00-0065)</small>		
28 16 11 00-0092			HID, Proximity Cards <small>(28 16 11 00-0091)</small>		
28 16 11 00-0093	EA		Clamshell Type, HID Proximity Card (HID ProxCard II).....	17.86	
28 16 11 00-0094	EA		ISO Compliant Graphics Card, HID Proximity Card (HID ISOProx II).....	23.63	
28 16 11 00-0095	EA		HID Proximity Key Fob (HID ProxKey II)	24.27	
28 16 11 00-0096			HID, Proximity Card Readers, Wiegand Output Access Controls <small>(28 16 11 00-0091)</small>		
28 16 11 00-0097	EA		Up To 3" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID ProxPoint Plus).....	522.72	142.82
			Note: For mullion mounting. (HID P/N 6005).		
28 16 11 00-0098	EA		Up To 5" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID ThinLine II).....	618.50	142.82
			Note: For single gang electrical box mounting. (HID P/N 5395).		
28 16 11 00-0099	EA		Up To 5" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID MiniProx)	690.33	142.82
			Note: For mullion mounting. (HID P/N 5365).		

28 Electronic Safety and Security**28 10 Access Control****28 16 Access Control Interfaces**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

28 16 11 00-0100	EA	EntryProx Single-Door Proximity Access Control Note: (HID P/N 4045) Stores up to 2,000 users and 1,000 time-stamped transactions 12 position keypad for Pin entry or programming optional use with card/key fob, code only or card plus pin code Wiegand output mode. Continental Instrument CICR2358P.	884.29	142.82
28 16 11 00-0101		Contactless Smart Card Controls, Wiegand Output Access Controls (28 16 11 00-0064)		
28 16 11 00-0102		HID, Contactless Smart Cards (28 16 11 00-0101)		
28 16 11 00-0103	EA	2K Bits, Clamshell Type, HID iClass, Contactless Smart Card	14.10	
28 16 11 00-0104	EA	16K Bits, ISO Compliant Graphics Card, HID iClass, Contactless Smart Card	15.39	
28 16 11 00-0105	EA	16K Bits, Contactless Smartcard Key Fob, HID iClass, Contactless Smart Card	20.14	
28 16 11 00-0106	EA	16K Bits, Contactless Smartcard Tag, HID iClass, Contactless Smart Card	10.90	
		Note: Battery powered tag to boost signal.		
28 16 11 00-0107		HID, Contactless Smart Card Readers, Wiegand Output Access Controls (28 16 11 00-0101)		
28 16 11 00-0108	EA	Up To 3-1/4" Read Range, 5-16 Volt DC, HID iClass Contactless Smart Card Reader, Wiegand Output Access Controls (HID R10)	539.91	142.82
		Note: For mullion mounting.		
28 16 11 00-0109	EA	Up To 4-1/4" Read Range, 5-12 Volt DC, HID iClass Contactless Smart Card Reader, Wiegand Output Access Controls (HID R40)	751.37	142.82
		Note: For mullion mounting.		
28 16 11 00-0110	EA	Up To 4-1/4" Read Range, 5-12 Volt DC, HID iClass Contactless Smart Card Reader With Keypad, Wiegand Output Access Controls (HID RK40)	1,227.15	142.82
		Note: For mullion mounting.		
28 16 11 00-0111		HID, Contactless Smart Card Programmer, Wiegand Output Access Controls (28 16 11 00-0101)		
28 16 11 00-0112	EA	HID iClass Contactless Smart Card Programmer, Wiegand Output Access Controls (HID CP400)	3,903.09	142.82
		Note: For mullion mounting.		
28 16 11 00-0113		Call Station Controls, Wiegand Output Access Controls (28 16 11 00-0064)		
		Note: Includes intercom sub-station. Excludes additional receiving intercoms.		
28 16 11 00-0114	EA	Call Station With Entry Keypad, Exterior Wiegand Output Access Controls	1,521.45	142.82
		Note: For mullion mounting.		
28 16 11 00-0115	EA	Call Station With Proximity Card Reader, Exterior Wiegand Output Access Controls	1,263.99	142.82
		Note: For mullion mounting.		
28 16 11 00-0116		Biometrics Readers, Wiegand Output Access Controls (28 16 11 00-0064)		
28 16 11 00-0117	EA	Palm Reader Recognition System, Biometrics Readers, Wiegand Output Access Controls	6,568.76	114.27
28 16 11 00-0118	EA	CCD Camera, Face Image, Biometrics Readers, Wiegand Output Access Controls	8,025.70	114.27
28 16 11 00-0119	EA	Video Grabber Card For DFR Reader, Biometrics Readers, Wiegand Output Access Controls	3,157.04	114.27
28 16 11 00-0120	EA	Fingerprint Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Pass)	1,978.09	114.27
28 16 11 00-0121	EA	Fingerprint Reader With HID Card Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Prox)	2,204.65	114.27
28 16 11 00-0122	EA	Fingerprint Reader With Contactless Smart Card Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Smart)	1,978.09	114.27
28 16 11 00-0123		Exterior Mounting Posts For Gate Operator Access Controls (28 16 11)		
		Note: Includes mounting plate for access controls, baked on enamel finish and mounting bolt covers. Excludes concrete pads and electrical connections.		
28 16 11 00-0124		2" x 2" Steel, Exterior Mounting Posts For Gate Operator Access Controls (28 16 11 00-0123)		
28 16 11 00-0125	EA	44" Tall, Gooseneck Style, Single Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls	449.49	41.10
		Note: Includes a 5" x 5" base plate.		
28 16 11 00-0126	EA	73" Tall, Gooseneck Style, Dual Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls	854.56	41.10
		Note: Includes an 8" x 8" base plate.		
28 16 11 00-0127	EA	Anchor Post For 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls	408.30	41.10
		Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.		
28 16 11 00-0128		4" x 4" Steel, Exterior Mounting Posts For Gate Operator Access Controls (28 16 11 00-0123)		
28 16 11 00-0129	EA	59" Tall, Straight Style, Single Mount, 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls	805.79	49.32
		Note: Includes an 8" x 8" base plate.		
28 16 11 00-0130	EA	49" Tall, Offset Style, Single Mount, 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls	956.83	49.32
		Note: Includes an 8" x 8" base plate and a 14" offset from back of post.		
28 16 11 00-0131	EA	Anchor Post For 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls	596.39	49.32
		Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.		
28 16 11 00-0132		4" x 8" Steel, Exterior Mounting Posts For Gate Operator Access Controls (28 16 11 00-0123)		
28 16 11 00-0133	EA	59" Tall, Straight Style, Single Mount, 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls	2,577.71	61.65
		Note: Includes a 11" x 13" base plate.		
28 16 11 00-0134	EA	50" Tall, Offset Style, Single Mount, 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls	2,697.85	61.65
		Note: Includes a 10" x 14" base plate and a 14" offset from back of post.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0135	EA		Anchor Post For 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.	1,135.95	20.55
28 16 11 00-0136	EA		48" Light Tower For 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls.....	1,788.17	61.65
28 16 11 00-0137			Magnetic Locks (28 16 11) Note: Excludes access controls.		
28 16 11 00-0138			Magnetic Door Locks (28 16 11 00-0137)		
28 16 11 00-0139			300 LB Magnetic Door Locks (28 16 11 00-0138)		
28 16 11 00-0140	EA		Single Door, Surface Mount, 300 LB Magnetic Door Lock.....	637.03	114.27
28 16 11 00-0141			600 LB Magnetic Door Locks (28 16 11 00-0138)		
28 16 11 00-0142	EA		600 LB, Single Door, Surface Mount, Magnetic Door Lock..... For LED Status Indicator And Signal Relay, Add For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add For Mortise Mount, Deduct	920.23 86.46 172.93 -138.34	114.27
28 16 11 00-0143	EA		600 LB, Dual Doors, Surface Mount, Magnetic Door Lock For LED Status Indicator And Signal Relay, Add For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	1,385.37 144.61 289.21	114.27
28 16 11 00-0144			1,200 LB Magnetic Door Locks (28 16 11 00-0138)		
28 16 11 00-0145	EA		1,200 LB, Single Door, Surface Mount, Magnetic Door Lock..... For LED Status Indicator And Signal Relay, Add For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	963.14 168.96 220.38	114.27
28 16 11 00-0146	EA		Dual Doors, Surface Mount, 1,200 LB Magnetic Door Lock For LED Status Indicator And Signal Relay, Add For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	1,478.05 287.39 374.86	114.27
28 16 11 00-0147			2,000 LB Shear Lock, Magnetic And Mechanical Locks (28 16 11 00-0138) Note: Includes LED status indicator and built-in signal relay.		
28 16 11 00-0148	EA		Single Door, Mortise Mount, 2,000 LB Shear Lock, Magnetic And Mechanical Door Lock.....	1,009.48	114.27
28 16 11 00-0149			Magnetic Gate Locks (28 16 11 00-0137)		
28 16 11 00-0150			600 LB Magnetic Gate Locks (28 16 11 00-0149)		
28 16 11 00-0151	EA		600 LB Magnetic Gate Lock	750.31	114.27
28 16 11 00-0152			1,200 LB Magnetic Gate Locks (28 16 11 00-0149)		
28 16 11 00-0153	EA		1,200 LB Magnetic Gate Lock For LED Status Indicator And Signal Relay, Add For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add For Mortise Mount, Deduct	906.50 84.75 169.49 -135.59	114.27
28 16 11 00-0154			Magnetic Lock Power Supply And Chargers (28 16 11 00-0137) Note: Includes lockable metal enclosure, batteries, battery charger and electronically regulated outputs.		
28 16 11 00-0155	EA		12/24 Volt DC At 1 Ampere, Magnetic Lock Backup Power Supply And Charger	550.48	114.27
28 16 11 00-0156	EA		12/24 Volt DC At 2-1/2 Amperes, Magnetic Lock Backup Power Supply And Charger	706.10	114.27
28 16 11 00-0157	EA		12 Volt DC At 4 Amperes And 24 Volt DC At 3 Amperes, Magnetic Lock Backup Power Supply And Charger	797.64	114.27
28 16 11 00-0158	EA		12/24 Volt DC At 6 Amperes, Magnetic Lock Backup Power Supply And Charger.....	1,008.18	114.27
28 16 11 00-0159			Access Control Accessories (28 16 11)		
28 16 11 00-0160	EA		6 Volt DC, 12 Volt DC, Or 24 Volt DC, At 4 Amperes, Power Supply/Charger (Altronix SMP-5).....	622.55	
28 16 11 00-0161	EA		7 Amperes, 12 Volt, Battery.....	82.80	
28 16 11 00-0162	EA		18 Amperes, 12 Volt, Battery	184.55	
28 16 11 00-0163	EA		Door Personality Module (Sensormatic RM-4).....	678.62	28.57
28 16 11 00-0164	EA		Mini-Alert Door Ajar Sounder (System Sensor PA400).....	271.73	57.13
28 16 11 00-0165	EA		Recessed Contact For Steel Doors, Door Monitor Switch (Sentrol 1078C).....	80.72	34.28
28 16 11 00-0166	EA		Access Control Systems Power Supply (Altronix AL400ULACMCB).....	752.07	22.85
28 16 11 00-0167	EA		Surge Suppressor (Tripp-Lite IBAR4).....	113.21	5.72
28 16 11 00-0168	EA		Door Strike Relay (Altronix RBSN-TTL).....	77.12	22.85
28 16 11 00-0169	EA		4" Diameter x 74" High, Powder Coated Steel, Burial Mount Gooseneck For Access Control Devices (GNB-1) Note: Set in concrete.	464.85	
28 16 11 00-0170	EA		16-Zone Input, Door Controller Expansion Module With 16" SPI Cable (Kantech KT-MOD-INP16).....	655.90	142.82
28 16 11 00-0171			Access Controllers (28 16 11)		
28 16 11 00-0172			Microterm Controller (28 16 11 00-0171)		
28 16 11 00-0173	EA		Microterm Stand Alone One Or Two Door Processing Panel (Continental Instruments CICIP1100)..... Note: Up to 1,000 card capacity. Includes 2 alarm inputs, tamper alarm, and 3 relay outputs.	1,721.90	142.82
28 16 11 00-0174	EA		Microterm PC Board (Continental Instruments CICIP1100PCB)	1,249.62	85.70
28 16 11 00-0175	EA		Battery Standby For Microterm (Continental Instruments CICIP1100BAT-2)	597.76	
			Note: Input 120 Volt AC, output 12 Volt DC to temporarily power the Microterm only.		
28 16 11 00-0176			Miniterm Controller (28 16 11 00-0171)		

28 Electronic Safety and Security**28 10 Access Control****28 16 Access Control Interfaces**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0177	EA		Miniterm Two Reader Processing Panel (Continental Instrument CICIP1200)..... Note: Up to 3,000 card capacity. Includes 8 EOL Class A supervised alarm inputs, temper alarm, and 5 relay outputs. Complete in a lockable steel enclosure with battery standby for memory and system operation.	2,707.95	142.82
28 16 11 00-0178	EA		Miniterm PC Board (Continental Instrument CICIP1200PCB)	2,055.55	85.70
28 16 11 00-0179			Super-2 Controller <small>(28 16 11 00-0171)</small>		
28 16 11 00-0180	EA		Super-Two - Two Reader Processing Panel (Continental Instruments CICIP1300) Note: For use with CA3000 V2.0.25 and above. Up to a 125,000 card capacity, 8 EOL supervised alarm inputs, tamper, 5 relay outputs. Support for on-board LAN adapter, 57,600 baud rate, 6 access groups per card-holder and compressed data mode. Complete in a lockable steel enclosure with battery standby for memory and system operation.	1,999.03	142.82
28 16 11 00-0181	EA		Super-Two - PC Board (Continental Instruments CICIP1300BD).....	1,378.01	85.70
28 16 11 00-0182	EA		Network Interface Board For Super-2 (Continental Instruments CICIP1300NETBD) Note: Optional on-board adapter allows for communication over TCP/IP.	374.28	85.70
28 16 11 00-0183			Smarterm Controller <small>(28 16 11 00-0171)</small>		
28 16 11 00-0184	EA		Smarterm Four Reader Processing Panel (Continental Instrument CICIP1400) Note: Card capacity up to 2,500. Includes 16 alarm inputs, tamper alarm, and 9 relay outputs. Complete in a lockable steel enclosure with battery standby for memory and system operation.	5,706.78	171.39
28 16 11 00-0185	EA		Smarterm PC Board (Continental Instrument CICIP1400PCB)	4,404.73	85.70
28 16 11 00-0186	EA		Smarterm Memory Board - 256K (Continental Instrument CICIP1400MB256-1)..... Note: Up to 10,000 cardholders.	1,707.85	85.70
28 16 11 00-0187	EA		Smarterm Memory Board - 2MB (Continental Instrument CICIP1400MB2-1)..... Note: Up to 50,000 cardholders.	2,432.25	85.70
28 16 11 00-0188	EA		Smarterm Relay Expander Board (Continental Instrument CICIP1400RB) Note: 16 Output relays, 8 alarm inputs.	1,889.44	85.70
28 16 11 00-0189	EA		Smarterm Alarm Expander Board (Continental Instrument CICIP1400RB)..... Note: (Supervised) 16 alarm inputs.	1,889.44	85.70
28 16 11 00-0190			Superterm-4 Controller <small>(28 16 11 00-0171)</small>		
28 16 11 00-0191	EA		Superterm-4 - Four Reader Processing Panel (Continental Instrument CICIP1400UL) Note: 20,000 card capacity, 12 supervised alarm inputs, tamper alarm, and 9 relay outputs. Complete in a painted steel enclosure with 7 AH battery standby for system operation.	5,264.73	171.39
28 16 11 00-0192	EA		Superterm-4 PC Board (Continental Instrument CICIP1400ULPCB).....	4,330.43	85.70
28 16 11 00-0193			Superterm-8 Controller <small>(28 16 11 00-0171)</small>		
28 16 11 00-0194	EA		Superterm-8 - Eight Reader Processing Panel (Continental Instrument CICIP1800) Note: Up to 20,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including 7 AH battery standby for memory and system operation.	6,997.72	285.66
28 16 11 00-0195	EA		Superterm-8 - Eight Reader Processing Panel, Expanded Power (Continental Instrument CICIP1800EXP)..... Note: With expanded power supply. (required if more than 1 relay expander board is used.) Up to 20,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including 7 AH battery standby for memory and system operation.	7,601.37	285.66
28 16 11 00-0196	EA		Superterm-8 PC Board (Continental Instrument CICIP1800PCB).....	5,834.89	85.70
28 16 11 00-0197			Turbo Superterm-4 Controller <small>(28 16 11 00-0171)</small>		
28 16 11 00-0198	EA		Turbo Superterm-4 - Four Reader Processing Panel (Continental Instrument CICIP1400ULT)..... Note: 20,000 Card capacity, 12 supervised alarm inputs, tamper alarm, and 9 relay outputs. Complete in a painted steel enclosure with 7 AH battery standby for system operation.	5,264.73	171.39
28 16 11 00-0199	EA		Turbo Superterm-4 PC Board (Continental Instrument CICIP1400ULTPCB).....	4,330.43	85.70
28 16 11 00-0200			Turbo Superterm-8 Controller <small>(28 16 11 00-0171)</small>		
28 16 11 00-0201	EA		Turbo Superterm-8 - Eight Reader Processing Panel (Continental Instrument CICIP1800T)..... Note: For use with CA3000 V2.0.25 and above. Up to 40,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including a 7 AH battery standby for memory and system operation.	6,997.72	285.66
28 16 11 00-0202	EA		Turbo Superterm-8 -Eight Reader Processing Panel, Expanded Power (Continental Instrument CICIP1800TEXP) Note: Required if more than one relay expander board is used. Up to 40,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including a 7 AH battery standby for memory and system operation.	7,601.37	285.66
28 16 11 00-0203	EA		Turbo Superterm-8 PC Board (Continental Instrument CICIP1800TPCB).....	5,834.89	85.70
28 16 11 00-0204	EA		Superterm Memory Board - 2MB (Continental Instrument CICIP1800MB2)..... Note: Up to 140,000 cardholders.	2,432.25	85.70
28 16 11 00-0205	EA		Turbo/Superterm-8 Memory Board - 2MB (Continental Instrument CICIP1800MB2X2)..... Note: Up to 140,000 cardholders.	2,045.89	85.70
28 16 11 00-0206	EA		Turbo Superterm-8 Relay Expander Board (Continental Instrument CICIP1800RB)..... Note: 16 Output relays, 8 alarm inputs.	1,891.39	85.70
28 16 11 00-0207	EA		Turbo Superterm-8 Alarm Expander Board (Continental Instrument CICIP1800RB)..... Note: (Supervised) 16 Alarm inputs.	1,891.39	85.70
28 16 11 00-0208	EA		Expanded Power Supply For Superterm Or Turbo Superterm (Continental Instrument CICIPXPWS)	774.30	
28 16 11 00-0209			Intelligent Controller <small>(28 16 11 00-0171)</small>		
28 16 11 00-0210	EA		Intelligent Controller With Paired Reader Interface for One Physical Barrier (Mercury Security EP-1501).....	1,348.37	85.70
28 16 11 00-0211	EA		Up To 64 Doors, Access Controller (Mercury Security EP-1502)	2,322.81	142.82
28 16 11 00-0212			Access Control Bundled System <small>(28 16 11)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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28 16 11 00-0213	EA		CA 3000 Bundled System, Supports 25 Users (Continental Instrument CA3B250P4O3V0R0)38,286.80 Note: System includes PC, monitor, keyboard, mouse, OS, Card Access 3000 file server software, MS SQL 2000, 1 SQL host license, and security key.		
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28 16 11 00-0214 Master Door Buzzer Stations (28 16 11)

28 16 11 00-0215 Master Stations (28 16 11 00-0214)

28 16 11 00-0216	EA		Master Stations, 5 Station Intercommunication Equipment 1,121.79		178.25
28 16 11 00-0217	EA		Master Stations, 10 Station Intercommunication Equipment 1,675.75		345.08
28 16 11 00-0218	EA		Master Station, Desk Style Remote Intercommunication Equipment 480.57		89.13
28 16 11 00-0219	EA		Master Station, Flush Wall Remote Intercommunication Equipment 610.56		148.54
28 16 11 00-0220	EA		Sound System Outlet, Protector 154.18		58.16
28 16 11 00-0221	EA		Sound System Microphone Outlet 267.49		119.06
28 16 11 00-0222	EA		Ceiling Or Wall, Sound System Speaker 208.86		58.16
28 16 11 00-0223	EA		Sound System Monitor Panel 616.70		119.06
28 16 11 00-0224	EA		Sound System Volume Control 179.40		58.16
28 16 11 00-0225	EA		250 Watt, Sound System Amplifier 2,862.69		476.14
28 16 11 00-0226	EA		Sound System Cabinet 1,646.38		476.14

28 16 11 00-0227 Master Door Stations (28 16 11 00-0214)

28 16 11 00-0228	EA		Master Door Stations, Button Buzzer Type, 25 Station 2,410.73 <i>For Intercom Type Master Door Station, Add</i> 210.06		
28 16 11 00-0229	EA		Master Door Stations, Button Buzzer Type, 50 Station 3,990.91 <i>For Intercom Type Master Door Station, Add</i> 340.30		
28 16 11 00-0230	EA		Master Door Stations, Button Buzzer Type, 75 Station 5,471.24 <i>For Intercom Type Master Door Station, Add</i> 441.13		
28 16 11 00-0231	EA		Master Door Stations, Button Buzzer Type, 100 Station 6,256.75 <i>For Intercom Type Master Door Station, Add</i> 516.75		
28 16 11 00-0232	EA		Master Door Stations, Button Buzzer Type, 150 Station 7,621.77 <i>For Intercom Type Master Door Station, Add</i> 756.22		
28 16 11 00-0233	EA		Master Door Stations, Button Buzzer Type, 200 Station 8,962.11 <i>For Intercom Type Master Door Station, Add</i> 974.68		
28 16 11 00-0234	EA		Master Door Stations, Button Buzzer Type, 250 Station 11,289.51 <i>For Intercom Type Master Door Station, Add</i> 1,260.36		
28 16 11 00-0235	EA		Master Door Stations, Button Buzzer Type, 300 Station 13,473.71 <i>For Intercom Type Master Door Station, Add</i> 1,445.21		
28 16 11 00-0236	EA		Transformer 168.89		
28 16 11 00-0237	EA		Door Opener 249.78		
28 16 11 00-0238	EA		Buzzer With Door Release And Plate 306.95		
28 16 11 00-0239	EA		Amplifier For Intercom Type Unit 513.23		
28 16 11 00-0240	EA		Speaker With Door Release 214.40		

28 16 11 00-0241 Request To Exit Detector (28 16 11)

28 16 11 00-0242	EA		Request-To-Exit Detector; Bosch DS160 245.46		89.13
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28 16 11 00-0243 Access Power Controllers (28 16 11)

28 16 11 00-0244	EA		26" x 19" x 6.25" Access Power Controller Enclosure; A Tronix; Maim 75D 1,712.55 Note: Includes power supply		105.13
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28 18 Security Access Detection Equipment (28 10)

28 18 11 Security Access Metal Detectors (28 18)

28 18 11 00-0001	EA		Handheld Scanner (Garrett Super Scanner V) 265.96		28.57
28 18 11 00-0002	EA		Single-Zone, Walk-Through Metal Detector, Complete Unit (Garrett CS 5000) 4,306.14		342.79
28 18 11 00-0003	EA		Multi-Zone, Walk-Through Metal Detector, Complete Unit (Garrett PD 6500I) 6,655.96		457.05

28 20 Video Surveillance (28)

Note: Includes testing of new devices and certification.

28 21 Surveillance Cameras (28 20)

28 21 31 Proprietary Surveillance Camera Systems (28 21)

Note: Includes programming of equipment, testing and certification of new devices.

28 21 31 00-0001			Closed Circuit Television And Surveillance Systems (Pelco) (28 21 31)		
28 21 31 00-0002			Cameras And Accessories (28 21 31 00-0001)		
28 21 31 00-0003			Cameras (28 21 31 00-0002)		
28 21 31 00-0004			Compact, 1/3" Format Cameras (28 21 31 00-0003)		
28 21 31 00-0005			High Resolution Color, Compact, 1/3" Format Cameras (28 21 31 00-0004)		
28 21 31 00-0006	EA		High Resolution Day/Night, Compact, 1/3" Format Camera (Pelco C10DN-6) 505.32		28.62
28 21 31 00-0007			Day/Night, Compact, 1/3" Format Cameras (28 21 31 00-0004)		
28 21 31 00-0008	EA		High Resolution Color, Compact, 1/3" Format Camera (Pelco C10CH-6) 302.09		28.62

28 Electronic Safety and Security**28 20 Video Surveillance****28 21 Surveillance Cameras**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
28 21 31 00-0009		Camerapaks (28 21 31 00-0002) Note: Includes camera and lens.			
28 21 31 00-0010		Camerapaks (28 21 31 00-0009)			
28 21 31 00-0011		High Resolution Color, Camerapaks (28 21 31 00-0010)			
28 21 31 00-0012		Fixed Focus, High Resolution Color, Camerapaks (28 21 31 00-0011)			
28 21 31 00-0013		Manual Iris, Fixed Focus, High Resolution Color, Camerapaks (28 21 31 00-0012)			
28 21 31 00-0014	EA	2.3 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.3)	390.24		28.62
28 21 31 00-0015	EA	2.8 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.8)	367.39		28.62
28 21 31 00-0016	EA	4 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F4)	356.78		28.62
28 21 31 00-0017	EA	8 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F8)	354.33		28.62
28 21 31 00-0018		Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapaks (28 21 31 00-0012)			
28 21 31 00-0019	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.3A).....	424.52		28.62
28 21 31 00-0020	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.8A).....	390.24		28.62
28 21 31 00-0021	EA	4 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F4A).....	382.08		28.62
28 21 31 00-0022	EA	8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F8A).....	375.55		28.62
28 21 31 00-0023		Varifocal, High Resolution Color, Camerapaks (28 21 31 00-0011)			
28 21 31 00-0024		Manual Iris, Varifocal, High Resolution Color, Camerapaks (28 21 31 00-0023)			
28 21 31 00-0025	EA	1-3 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V1).....	457.98		28.62
28 21 31 00-0026	EA	2.5-6 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V2).....	413.91		28.62
28 21 31 00-0027	EA	2.8-12 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V21).....	378.00		28.62
28 21 31 00-0028	EA	3-8 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V3).....	363.31		28.62
28 21 31 00-0029	EA	5-40 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V5).....	417.99		28.62
28 21 31 00-0030		Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapaks (28 21 31 00-0023)			
28 21 31 00-0031	EA	1-3 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V1A).....	493.90		28.62
28 21 31 00-0032	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V2A).....	463.70		28.62
28 21 31 00-0033	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V21A).....	412.28		28.62
28 21 31 00-0034	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V3A).....	369.02		28.62
28 21 31 00-0035	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V5A).....	435.13		28.62
28 21 31 00-0036	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V50A).....	490.63		28.62
28 21 31 00-0037	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V55A).....	561.64		28.62
28 21 31 00-0038		Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapaks (28 21 31 00-0023)			
28 21 31 00-0039	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6R3A)	387.79		28.62
28 21 31 00-0040	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6R75A)	462.07		28.62
28 21 31 00-0041		High Resolution Day/Night, Camerapaks (28 21 31 00-0010)			
28 21 31 00-0042		Varifocal, High Resolution Day/Night, Camerapaks (28 21 31 00-0041)			
28 21 31 00-0043		Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapaks (28 21 31 00-0042)			
28 21 31 00-0044	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V2A)	775.49		28.62
28 21 31 00-0045	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V21A)	724.07		28.62
28 21 31 00-0046	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V3A)	680.81		28.62
28 21 31 00-0047	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V5A)	746.92		28.62
28 21 31 00-0048	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V50A)	802.42		28.62
28 21 31 00-0049	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V55A)	872.61		28.62
28 21 31 00-0050		Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapaks (28 21 31 00-0042)			
28 21 31 00-0051	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6R3A)	699.58		28.62
28 21 31 00-0052	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6R75A)	773.85		28.62
28 21 31 00-0053		Compact Camerapaks (28 21 31 00-0009)			
28 21 31 00-0054		High Resolution Color, Compact Camerapaks (28 21 31 00-0053)			
28 21 31 00-0055		DSS, High Resolution Color, Compact Camerapaks (28 21 31 00-0054)			
28 21 31 00-0056		Fixed Focus, DSS, High Resolution Color, Camerapaks (28 21 31 00-0055)			
28 21 31 00-0057		Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapaks (28 21 31 00-0056)			
28 21 31 00-0058	EA	2.3 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.3).....	603.27		28.62
28 21 31 00-0059	EA	2.8 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.8).....	580.41		28.62
28 21 31 00-0060	EA	4 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F4).....	568.99		28.62
28 21 31 00-0061	EA	8 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F8).....	566.54		28.62

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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28 21 31 00-0062			Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapaks <small>(28 21 31 00-0056)</small>		
28 21 31 00-0063	EA		2.3 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.3A).....	636.73	28.62
28 21 31 00-0064	EA		2.8 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.8A).....	603.27	28.62
28 21 31 00-0065	EA		4 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F4A).....	595.11	28.62
28 21 31 00-0066	EA		8 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F8A).....	588.58	28.62
28 21 31 00-0067			Varifocal, DSS, High Resolution Color, Camerapaks <small>(28 21 31 00-0055)</small>		
28 21 31 00-0068			Manual Iris, Varifocal, DSS, High Resolution Color, Camerapaks <small>(28 21 31 00-0067)</small>		
28 21 31 00-0069	EA		1-3 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V1).....	671.01	28.62
28 21 31 00-0070	EA		2.5-6 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V2).....	626.12	28.62
28 21 31 00-0071	EA		2.8-12 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V21).....	591.02	28.62
28 21 31 00-0072	EA		3-8 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V3).....	576.33	28.62
28 21 31 00-0073	EA		5-40 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V5).....	630.20	28.62
28 21 31 00-0074	EA		5-50 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V50).....	665.30	28.62
28 21 31 00-0075	EA		5.5-82.5 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V55).....	748.55	28.62
28 21 31 00-0076			Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapaks <small>(28 21 31 00-0067)</small>		
28 21 31 00-0077	EA		1-3 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V1A).....	706.11	28.62
28 21 31 00-0078	EA		2.5-6 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V2A).....	676.73	28.62
28 21 31 00-0079	EA		2.8-12 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V21A).....	625.31	28.62
28 21 31 00-0080	EA		3-8 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V3A).....	581.23	28.62
28 21 31 00-0081	EA		5-40 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V5A).....	648.16	28.62
28 21 31 00-0082	EA		5-50 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V50A).....	703.66	28.62
28 21 31 00-0083	EA		5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V55A).....	773.85	28.62
28 21 31 00-0084			Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapaks <small>(28 21 31 00-0067)</small>		
28 21 31 00-0085	EA		3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2R3A).....	600.82	28.62
28 21 31 00-0086	EA		7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2R75A).....	675.09	28.62
28 21 31 00-0087			EDR, High Resolution Color, Compact Camerapaks <small>(28 21 31 00-0054)</small>		
28 21 31 00-0088			Fixed Focus, EDR, High Resolution Color, Camerapaks <small>(28 21 31 00-0087)</small>		
28 21 31 00-0089			Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapaks <small>(28 21 31 00-0088)</small>		
28 21 31 00-0090	EA		2.3 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.3).....	603.27	28.62
28 21 31 00-0091	EA		2.8 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.8).....	453.09	28.62
28 21 31 00-0092	EA		4 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F4).....	441.66	28.62
28 21 31 00-0093	EA		8 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F8).....	439.21	28.62
28 21 31 00-0094			Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapaks <small>(28 21 31 00-0088)</small>		
28 21 31 00-0095	EA		2.3 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.3A).....	509.40	28.62
28 21 31 00-0096	EA		2.8 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.8A).....	475.94	28.62
28 21 31 00-0097	EA		4 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F4A).....	467.78	28.62
28 21 31 00-0098	EA		8 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F8A).....	467.78	28.62
28 21 31 00-0099			Varifocal, EDR, High Resolution Color, Camerapaks <small>(28 21 31 00-0087)</small>		
28 21 31 00-0100			Manual Iris, Varifocal, EDR, High Resolution Color, Camerapaks <small>(28 21 31 00-0099)</small>		
28 21 31 00-0101	EA		1-3 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V1).....	543.69	28.62
28 21 31 00-0102	EA		2.5-6 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V2).....	498.79	28.62
28 21 31 00-0103	EA		2.8-12 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V21).....	463.70	28.62
28 21 31 00-0104	EA		3-8 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V3).....	449.01	28.62
28 21 31 00-0105	EA		5-40 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V5).....	502.88	28.62
28 21 31 00-0106	EA		5-50 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V50).....	537.97	28.62
28 21 31 00-0107	EA		5.5-82.5 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V55).....	621.22	28.62
28 21 31 00-0108			Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapaks <small>(28 21 31 00-0099)</small>		
28 21 31 00-0109	EA		1-3 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V1A).....	578.78	28.62
28 21 31 00-0110	EA		2.5-6 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V2A).....	549.40	28.62
28 21 31 00-0111	EA		2.8-12 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V21A).....	497.16	28.62
28 21 31 00-0112	EA		3-8 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V3A).....	453.90	28.62
28 21 31 00-0113	EA		5-40 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V5A).....	520.83	28.62
28 21 31 00-0114	EA		5-50 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V50A).....	576.33	28.62
28 21 31 00-0115	EA		5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V55A).....	646.53	28.62
28 21 31 00-0116			Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapaks <small>(28 21 31 00-0099)</small>		

28 Electronic Safety and Security**28 20 Video Surveillance****28 21 Surveillance Cameras**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0117	EA		3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2R3A).....	473.49	28.62
28 21 31 00-0118	EA		7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2R75A).....	547.77	28.62
28 21 31 00-0119			High Resolution Day/Night, Compact Camerapaks <small>(28 21 31 00-0053)</small>		
28 21 31 00-0120			Fixed Focus, High Resolution Day/Night, Compact Camerapaks <small>(28 21 31 00-0119)</small>		
28 21 31 00-0121			Manual Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapaks <small>(28 21 31 00-0120)</small>		
28 21 31 00-0122	EA		8 mm, Manual Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F8).....	557.56	28.62
28 21 31 00-0123			DC-Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapaks <small>(28 21 31 00-0120)</small>		
28 21 31 00-0124	EA		2.3 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F2.3A).....	627.75	28.62
28 21 31 00-0125	EA		2.8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F2.8A).....	593.47	28.62
28 21 31 00-0126			Varifocal, High Resolution Day/Night, Compact Camerapaks <small>(28 21 31 00-0119)</small>		
28 21 31 00-0127			Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks <small>(28 21 31 00-0126)</small>		
28 21 31 00-0128	EA		2.8-12 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V21).....	581.23	28.62
28 21 31 00-0129	EA		3-8 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V3).....	566.54	28.62
28 21 31 00-0130	EA		5-50 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V50).....	656.32	28.62
28 21 31 00-0131			Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks <small>(28 21 31 00-0126)</small>		
28 21 31 00-0132	EA		2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V2A).....	666.93	28.62
28 21 31 00-0133	EA		2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V21A).....	615.51	28.62
28 21 31 00-0134	EA		3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V3A).....	572.25	28.62
28 21 31 00-0135	EA		5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V5A).....	638.36	28.62
28 21 31 00-0136	EA		5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V50A).....	693.87	28.62
28 21 31 00-0137	EA		5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V55A).....	764.88	28.62
28 21 31 00-0138			Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks <small>(28 21 31 00-0126)</small>		
28 21 31 00-0139	EA		3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6R3A).....	591.02	28.62
28 21 31 00-0140	EA		7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6R75A).....	665.30	28.62
28 21 31 00-0141			Camera Systems <small>(28 21 31 00-0002)</small>		
28 21 31 00-0142			Camera Dome Systems <small>(28 21 31 00-0141)</small>		
28 21 31 00-0143			Spectra® , Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0142)</small>		
28 21 31 00-0144			Spectra® , Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0143)</small>		
			Note: Includes dome drive, camera, lens, back box, clear or smoked lower dome and mounting hardware.		
28 21 31 00-0145			Spectra® IV , Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0144)</small>		
28 21 31 00-0146			Black And White, Spectra® IV , Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0145)</small>		
28 21 31 00-0147	EA		22X, Surface Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-SMB).....	2,488.36	171.69
28 21 31 00-0148	EA		22X, In-Ceiling Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-F).....	2,823.01	171.69
28 21 31 00-0149	EA		22X, Pendant Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PB).....	2,973.19	171.69
28 21 31 00-0150	EA		22X, Environmental Pendant Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PG-E).....	4,096.28	171.69
28 21 31 00-0151			Color, Spectra® IV , Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0145)</small>		
28 21 31 00-0152	EA		16X, Surface Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-SMB).....	2,108.83	171.69
28 21 31 00-0153	EA		16X, In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-F).....	2,277.78	171.69
28 21 31 00-0154	EA		16X, Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PB).....	2,428.78	171.69
28 21 31 00-0155	EA		16X, Environmental In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-F-E).....	2,515.30	171.69
28 21 31 00-0156	EA		16X, Environmental Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PG-E).....	2,515.30	171.69
28 21 31 00-0157	EA		22X, Surface Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-SMB).....	2,632.01	171.69
28 21 31 00-0158	EA		22X, In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-F).....	2,967.47	171.69
28 21 31 00-0159	EA		22X, Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PB).....	3,118.47	171.69
28 21 31 00-0160	EA		22X, Environmental In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-F-E).....	3,204.99	171.69
28 21 31 00-0161	EA		22X, Environmental Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PG-E).....	3,204.99	171.69

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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28 21 31 00-0162			Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome Systems (28 21 31 00-0145)		
28 21 31 00-0163	EA		23X, Surface Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-SMB)	3,050.73	171.69
28 21 31 00-0164	EA		23X, In-Ceiling Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-F)	3,386.18	171.69
28 21 31 00-0165	EA		23X, Pendant Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PB)	3,537.18	171.69
28 21 31 00-0166	EA		23X, Environmental In-Ceiling Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-F-E)	3,623.70	171.69
28 21 31 00-0167	EA		23X, Environmental Pendant Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PG-E)	3,623.70	171.69
28 21 31 00-0168			Day/Night, Spectra® IV, Pan/Tilt Camera Dome Systems (28 21 31 00-0145)		
28 21 31 00-0169	EA		18X, Surface Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-SMB)	2,776.48	171.69
28 21 31 00-0170	EA		18X, In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-F)	2,946.25	171.69
28 21 31 00-0171	EA		18X, Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PB)	3,096.43	171.69
28 21 31 00-0172	EA		18X, Environmental In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-F-E)	3,182.95	171.69
28 21 31 00-0173	EA		18X, Environmental Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PG-E)	3,182.95	171.69
28 21 31 00-0174	EA		35X, Surface Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-SMB)	3,325.78	171.69
28 21 31 00-0175	EA		35X, In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-F)	3,592.68	171.69
28 21 31 00-0176	EA		35X, Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PB)	3,742.86	171.69
28 21 31 00-0177	EA		35X, Environmental In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-F-E)	3,829.38	171.69
28 21 31 00-0178	EA		35X, Environmental Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PG-E)	3,829.38	171.69
28 21 31 00-0179			Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems (28 21 31 00-0144)		
28 21 31 00-0180			Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems (28 21 31 00-0179)		
28 21 31 00-0181	EA		16X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HF)	2,718.53	171.69
			<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 21 31 00-0182	EA		16X, Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HP)	2,863.82	171.69
			<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 21 31 00-0183	EA		16X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HPE)	2,979.72	171.69
			<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 21 31 00-0184	EA		22X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HF)	3,357.62	171.69
			<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 21 31 00-0185	EA		22X, Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HP)	3,502.90	171.69
			<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 21 31 00-0186	EA		22X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HPE)	3,619.62	171.69
			<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 21 31 00-0187			Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems (28 21 31 00-0179)		
28 21 31 00-0188	EA		18X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HF)	3,386.18	171.69
			<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 21 31 00-0189	EA		18X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HP)	3,531.47	171.69
			<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 21 31 00-0190	EA		18X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HPE)	3,648.18	171.69
			<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 21 31 00-0191	EA		35X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HF)	3,982.83	171.69
			<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 21 31 00-0192	EA		35X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HP)	4,127.29	171.69
			<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 21 31 00-0193	EA		35X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HPE)	4,244.01	171.69
			<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 21 31 00-0194			Pressurized Spectra® IV, Pan/Tilt Camera Dome Systems (28 21 31 00-0144)		
28 21 31 00-0195			Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome Systems (28 21 31 00-0194)		
28 21 31 00-0196	EA		18X, Environmental Pendant Mount, Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PRE)	4,457.85	171.69
28 21 31 00-0197	EA		35X, Environmental Pendant Mount, Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PRE)	5,054.50	171.69
28 21 31 00-0198			Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems (28 21 31 00-0144)		
28 21 31 00-0199			Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems (28 21 31 00-0198)		
28 21 31 00-0200	EA		22X, Environmental Pendant Mount, Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PSGE)	3,884.88	171.69
28 21 31 00-0201			Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems (28 21 31 00-0198)		
28 21 31 00-0202	EA		16X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PSGE)	3,390.26	171.69
28 21 31 00-0203	EA		22X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PSGE)	4,030.17	171.69

28 Electronic Safety and Security**28 20 Video Surveillance****28 21 Surveillance Cameras**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

28 21 31 00-0204		Color/Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0198)</small>		
28 21 31 00-0205	EA	23X, Environmental Pendant Mount, Color/Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PSGE).....	4,448.88	171.69
28 21 31 00-0206		Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0198)</small>		
28 21 31 00-0207	EA	18X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PSGE).....	4,058.73	171.69
28 21 31 00-0208	EA	35X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PSGE).....	4,654.56	171.69
28 21 31 00-0209		Miniature Spectra®, Mini Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0144)</small>		
28 21 31 00-0210		Color, Miniature Spectra®, Mini Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0209)</small>		
28 21 31 00-0211	EA	10X, In-Ceiling Mount, Color, Miniature Spectra®, Mini Pan/Tilt Camera Dome System (Pelco SD4-B).....	1,597.89	171.69
28 21 31 00-0212		Spectra® IP Network, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0143)</small> Note: Includes simultaneous IP and analog video and control, dome drive, camera, lens, back box, clear or smoked lower dome and mounting hardware.		
28 21 31 00-0213		Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0212)</small>		
28 21 31 00-0214		Color, Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0213)</small>		
28 21 31 00-0215	EA	16X, In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-F).....	2,887.49	171.69
28 21 31 00-0216	EA	16X, Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-PB).....	3,038.48	171.69
28 21 31 00-0217	EA	16X, Environmental In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-F-E).....	3,125.00	171.69
28 21 31 00-0218	EA	16X, Environmental Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-PG-E).....	3,125.00	171.69
28 21 31 00-0219	EA	22X, In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-F1).....	3,577.17	171.69
28 21 31 00-0220	EA	22X, Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-PB-1).....	3,728.17	171.69
28 21 31 00-0221	EA	22X, Environmental In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-F-E1).....	3,814.69	171.69
28 21 31 00-0222	EA	22X, Environmental Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-PG-E1).....	3,814.69	171.69
28 21 31 00-0223		Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0213)</small>		
28 21 31 00-0224	EA	23X, In-Ceiling Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-F1).....	3,995.89	171.69
28 21 31 00-0225	EA	23X, Pendant Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-PB-1).....	4,146.88	171.69
28 21 31 00-0226	EA	23X, Environmental In-Ceiling Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-F-E1).....	4,233.40	171.69
28 21 31 00-0227	EA	23X, Environmental Pendant Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-PG-E1).....	4,233.40	171.69
28 21 31 00-0228		Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0212)</small>		
28 21 31 00-0229		Color, Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0228)</small>		
28 21 31 00-0230	EA	16X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HF1).....	3,328.23	171.69
		For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0231	EA	16X, Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HP1).....	3,473.52	171.69
		For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0232	EA	16X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HPE1).....	3,589.42	171.69
		For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0233	EA	22X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HF1).....	3,967.32	171.69
		For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0234	EA	22X, Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HP1).....	4,112.60	171.69
		For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0235	EA	22X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HPE1).....	4,229.32	171.69
		For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0236		Day/Night, Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0228)</small>		
28 21 31 00-0237	EA	18X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HF1).....	3,995.89	171.69
		For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0238	EA	18X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HP1).....	4,141.17	171.69
		For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0239	EA	18X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HPE1).....	4,257.89	171.69
		For Protective Lower Dome Cage, Add	34.65	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0240	EA		35X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HF1) <i>For Protective Lower Dome Cage, Add</i>	4,592.53 34.65	171.69
28 21 31 00-0241	EA		35X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HP1) <i>For Protective Lower Dome Cage, Add</i>	4,736.99 34.65	171.69
28 21 31 00-0242	EA		35X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HPE1) <i>For Protective Lower Dome Cage, Add</i>	4,853.71 34.65	171.69
28 21 31 00-0243			Stainless Steel Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0212)</small>		
28 21 31 00-0244			Color, Stainless Steel Spectra® IV IP Network, Camera Dome Systems <small>(28 21 31 00-0243)</small>		
28 21 31 00-0245	EA		16X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-PSGE1).....	3,999.97	171.69
28 21 31 00-0246	EA		22X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-PSGE1).....	4,639.87	171.69
28 21 31 00-0247			Color/Black And White, Stainless Steel Spectra® IV IP Network, Camera Dome Systems <small>(28 21 31 00-0243)</small>		
28 21 31 00-0248	EA		23X, Environmental Pendant Mount, Color/Black And White, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-PSGE1).....	5,058.58	171.69
28 21 31 00-0249			Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome Systems <small>(28 21 31 00-0243)</small>		
28 21 31 00-0250	EA		18X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-PSGE1).....	4,668.43	171.69
28 21 31 00-0251	EA		35X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-PSGE1).....	5,264.26	171.69
28 21 31 00-0252			Miniature Spectra® IP Network, Mini Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0212)</small>		
28 21 31 00-0253			Color, Miniature Spectra® IP Network, Mini Camera Dome Systems <small>(28 21 31 00-0252)</small>		
28 21 31 00-0254	EA		10X, In-Ceiling Mount, Color, Miniature Spectra® IP Network, Black Mini Camera Dome System (Pelco SD4N-W1).....	1,991.30	171.69
28 21 31 00-0255			Spectra®, Pan/Tilt Dome Drives <small>(28 21 31 00-0143)</small> Note: Includes dome drive, camera and lens.		
28 21 31 00-0256	EA		10X, Color Camera, Spectra® Mini Dome Drive (Pelco DD4).....	1,479.43	143.07
28 21 31 00-0257	EA		10X, Color Camera, Spectra® IP Network, Mini Dome Drive (Pelco DD4N).....	1,871.21	143.07
28 21 31 00-0258	EA		22X, Black And White Camera, Spectra® IV Dome Drive (Pelco DD4M22).....	2,355.22	143.07
28 21 31 00-0259	EA		16X, Color Camera, Spectra® IV Dome Drive (Pelco DD4TC16).....	1,860.60	143.07
28 21 31 00-0260	EA		22X, Color Camera, Spectra® IV Dome Drive (Pelco DD4C22).....	2,499.68	143.07
28 21 31 00-0261	EA		18X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW18).....	2,528.25	143.07
28 21 31 00-0262	EA		23X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW23).....	2,918.39	143.07
28 21 31 00-0263	EA		35X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW35).....	3,124.89	143.07
28 21 31 00-0264	EA		35X, Color/Black And White Camera, Spectra® IV Horizon Dome Drive (Pelco DD4H35).....	3,124.89	143.07
28 21 31 00-0265			Accessories For Spectra® Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0143)</small>		
28 21 31 00-0266	EA		Upgrade To Chrome Lower Dome (Pelco Spectra).....	115.08	
28 21 31 00-0267	EA		Upgrade To Gold Lower Dome (Pelco Spectra).....	150.18	
28 21 31 00-0268	EA		Wall Mount For Spectra® Systems (Pelco IWM-BK).....	129.83	14.31
28 21 31 00-0269	EA		24 Volt Out, Wall Mount For Spectra® Systems (Pelco IWM24-BK).....	320.00	14.31
28 21 31 00-0270	EA		Wall Arm Mount For Spectra® Systems (Pelco IDM4018).....	126.56	14.31
28 21 31 00-0271	EA		Wall Arm Mount With Feed Through For Stainless Steel Spectra® IV Systems (Pelco IDM4012SS).....	301.52	14.31
28 21 31 00-0272	EA		Pole Mount Adapter For Spectra® Systems (Pelco PA402).....	69.62	8.51
28 21 31 00-0273			Camclosure®, Camera Dome Systems <small>(28 21 31 00-0142)</small>		
28 21 31 00-0274			Camclosure® IS Integrated, Camera Dome Systems <small>(28 21 31 00-0273)</small>		
28 21 31 00-0275			Camclosure® IS Integrated, Camera Dome Systems <small>(28 21 31 00-0274)</small>		
28 21 31 00-0276			High Resolution Color, Camclosure® IS Integrated, Camera Dome Systems <small>(28 21 31 00-0275)</small>		
28 21 31 00-0277	EA		12 mm, Indoor Surface/In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-CH12).....	633.14	171.69
28 21 31 00-0278	EA		9-22 mm, Indoor Surface/In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-CHV22).....	682.11	171.69
28 21 31 00-0279	EA		12 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS110-CH12).....	751.49	171.69
28 21 31 00-0280	EA		12 mm, Environmental In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS150-CH12).....	751.49	171.69
28 21 31 00-0281			Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome Systems <small>(28 21 31 00-0275)</small>		

28 Electronic Safety and Security**28 20 Video Surveillance****28 21 Surveillance Cameras**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0282	EA		9-22 mm, Indoor Surface/In-Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90B-CWV22).....	760.47	171.69
28 21 31 00-0283	EA		9-22 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS111-CWV22).....	824.13	171.69
28 21 31 00-0284	EA		9-22 mm, Environmental In-Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-CWV22).....	824.13	171.69
28 21 31 00-0285			Day/Night, Camclosure® IS Integrated, Camera Dome Systems (28 21 31 00-0275)		
28 21 31 00-0286	EA		9-22 mm, Indoor Surface/In-Ceiling Mount, Day/Night, Camclosure® IS Integrated, White Camera Dome System (Pelco IS90-DNV22).....	863.31	171.69
28 21 31 00-0287	EA		9-22 mm, Environmental Surface Mount, Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS111-DNV22).....	1,020.84	171.69
28 21 31 00-0288	EA		9-22 mm, Environmental In-Ceiling Mount, Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-DNV22).....	1,020.84	171.69
28 21 31 00-0289			Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome Systems (28 21 31 00-0275)		
28 21 31 00-0290	EA		9-22 mm, Indoor Surface/In-Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-DWV22).....	938.40	171.69
28 21 31 00-0291	EA		9-22 mm, Environmental In-Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-DWV22).....	1,039.61	171.69
28 21 31 00-0292			Camclosure® IS Integrated, Bullet Style Camera Systems (28 21 31 00-0274)		
28 21 31 00-0293			High Resolution Color, Camclosure® IS Integrated, Bullet Style Camera Systems (28 21 31 00-0292)		
28 21 31 00-0294	EA		3.6 mm, Wall/Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-CH3.6).....	672.93	114.47
28 21 31 00-0295			Wide Dynamic Range Color, Camclosure® IS Integrated, Bullet Style Camera Systems (28 21 31 00-0292)		
28 21 31 00-0296	EA		9-22 mm, Wall/Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-CWV22).....	765.16	114.47
28 21 31 00-0297			Day/Night, Camclosure® IS Integrated, Bullet Style Camera Systems (28 21 31 00-0292)		
28 21 31 00-0298	EA		9-22 mm, Wall/Ceiling Mount, Day/Night, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-DNV22).....	838.62	114.47
28 21 31 00-0299			Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Bullet Style Camera Systems (28 21 31 00-0292)		
28 21 31 00-0300	EA		9-22 mm, Wall/Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-DWV22).....	875.35	114.47
28 21 31 00-0301			Camclosure® IS Integrated Cameras (28 21 31 00-0274)		
28 21 31 00-0302	EA		12 mm, High Resolution Color, Camclosure® IS Integrated Camera (Pelco IS-CH12).....	485.21	114.47
28 21 31 00-0303	EA		9-22 mm, High Resolution Color, Camclosure® IS Integrated Camera (Pelco IS-CHV22).....	485.21	114.47
28 21 31 00-0304	EA		9-22 mm, Wide Dynamic Range Color, Camclosure® IS Integrated Camera (Pelco IS-CWV22).....	557.85	114.47
28 21 31 00-0305	EA		9-22 mm, Day/Night, Camclosure® IS Integrated Camera (Pelco IS-DNV22).....	754.55	114.47
28 21 31 00-0306	EA		9-22 mm, Wide Dynamic Range Day/Night, Camclosure® IS Integrated Camera (Pelco IS-DWV22).....	773.33	114.47
28 21 31 00-0307			Camclosure® ICS Integrated, Camera Dome Systems (28 21 31 00-0273)		
28 21 31 00-0308			Camclosure® ICS Integrated, Camera Dome Systems (28 21 31 00-0307)		
28 21 31 00-0309			Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome Systems (28 21 31 00-0308)		
28 21 31 00-0310	EA		12 mm, Indoor Surface/In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS090B-CA12).....	552.34	171.69
28 21 31 00-0311	EA		12 mm, UTP, Indoor Surface/In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS090B-CA12T).....	587.43	171.69
28 21 31 00-0312	EA		12 mm, Environmental Surface Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS110-CA12).....	727.82	171.69
28 21 31 00-0313	EA		12 mm, Environmental In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS150-CA12).....	727.82	171.69
28 21 31 00-0314			High Resolution Color, Camclosure® ICS Integrated, Camera Dome Systems (28 21 31 00-0308)		
28 21 31 00-0315	EA		3-9 mm, Environmental In-Ceiling Mount, High Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS151-CDV39A).....	885.35	171.69
28 21 31 00-0316			Camclosure® ICS Integrated, Bullet Style Camera Systems (28 21 31 00-0307)		
28 21 31 00-0317			Standard Resolution, Camclosure® ICS Integrated, Bullet Style Camera Systems (28 21 31 00-0316)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0318	EA		12 mm, Wall/Ceiling Mount, Standard Resolution, Camclosure® ICS Integrated, Bullet Style Camera System (Pelco ICS310-CA12).....	613.35	114.47
28 21 31 00-0319			Camclosure® ICS Integrated, Wedge Style Camera Systems (28 21 31 00-0307)		
28 21 31 00-0320			High Resolution Color, Camclosure® ICS Integrated, Wedge Style Camera Systems (28 21 31 00-0319)		
28 21 31 00-0321	EA		9-22 mm, High Resolution, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-CHV22)	824.13	171.69
28 21 31 00-0322			Wide Dynamic Range Color, Camclosure® ICS Integrated, Wedge Style Camera Systems (28 21 31 00-0319)		
28 21 31 00-0323	EA		9-22 mm, Wide Dynamic Range, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-CWV22).....	897.59	171.69
28 21 31 00-0324			Day/Night, Camclosure® ICS Integrated, Wedge Style Camera Systems (28 21 31 00-0319)		
28 21 31 00-0325	EA		9-22 mm, Day/Night, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-DNV22).....	989.82	171.69
28 21 31 00-0326			Wide Dynamic Range Day/Night, Camclosure® ICS Integrated, Wedge Style Camera Systems (28 21 31 00-0319)		
28 21 31 00-0327	EA		9-22 mm, Wide Dynamic Range Day/Night, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-DWV22).....	1,026.55	171.69
28 21 31 00-0328			Camclosure® IP Network, Camera Dome Systems (28 21 31 00-0273)		
28 21 31 00-0329			Camclosure® IP Network, Camera Dome Systems (28 21 31 00-0328)		
28 21 31 00-0330			High Resolution Color, Camclosure® IP Network, Camera Dome Systems (28 21 31 00-0329)		
28 21 31 00-0331	EA		3-9.5 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CHV9).....	1,431.38	171.69
28 21 31 00-0332	EA		9-22 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CHV22).....	1,431.38	171.69
28 21 31 00-0333			Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome Systems (28 21 31 00-0329)		
28 21 31 00-0334	EA		3-9.5 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CWV9).....	1,532.59	171.69
28 21 31 00-0335	EA		9-22 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CWV22).....	1,532.59	171.69
28 21 31 00-0336			Day/Night, Camclosure® IP Network, Camera Dome Systems (28 21 31 00-0329)		
28 21 31 00-0337	EA		3-9.5 mm, Environmental Surface Mount, Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP111-DNV9).....	1,688.49	171.69
28 21 31 00-0338	EA		9-22 mm, Environmental Surface Mount, Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP111-DNV22).....	1,688.49	171.69
28 21 31 00-0339			Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome Systems (28 21 31 00-0329)		
28 21 31 00-0340	EA		3-9.5 mm, Environmental Surface Mount, Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP110-DWV9).....	1,798.67	171.69
28 21 31 00-0341	EA		9-22 mm, Environmental Surface Mount, Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP110-DWV22).....	1,798.67	171.69
28 21 31 00-0342			Accessories For Camclosure® Camera Dome Systems (28 21 31 00-0273)		
28 21 31 00-0343	EA		4S Gangbox Adapter Plate For ICS110 Camclosure® Systems (Pelco ICS110-AP).....	31.86	8.58
28 21 31 00-0344	EA		4S Adapter Plate For ICS310 Camclosure® Systems (Pelco ICS310-AP).....	31.86	8.58
28 21 31 00-0345	EA		Sun Shield For ICS310 Camclosure® Systems (Pelco ICS310-SS).....	43.31	14.31
28 21 31 00-0346	EA		Conduit Adapter For ICS310 Camclosure® Systems (Pelco ICS310-COND).....	66.17	14.31
28 21 31 00-0347	EA		2' x 2' Ceiling Panel For ICS150 Camclosure® Systems (Pelco ICS150-P).....	66.14	8.58
28 21 31 00-0348	EA		Pendant Mount Adapter For Camclosure® ICS110 Systems (Pelco ICS110-PG).....	66.17	14.31
28 21 31 00-0349	EA		Corner Mount Adapter For ICS200 Camclosure® Systems (Pelco ICS210-CM).....	82.49	14.31
28 21 31 00-0350	EA		Smoked, Surface Mount, Dome For Camclosure® IS Systems (Pelco ICS-DO110A).....	217.21	28.62
28 21 31 00-0351	EA		Clear, Surface Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO111A).....	217.21	28.62
28 21 31 00-0352	EA		Smoked, In-Ceiling Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO150A).....	217.21	28.62
28 21 31 00-0353	EA		Clear, In-Ceiling Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO151A).....	217.21	28.62
28 21 31 00-0354	EA		Pendant Mount Adapter For Camclosure® IP Systems (Pelco IP110-P).....	78.41	14.31
28 21 31 00-0355	EA		Smoked Lower Dome For Surface Mount Camclosure® IP Systems (Pelco IP110-LD).....	93.96	28.62
28 21 31 00-0356	EA		Clear Lower Dome For Surface Mount Camclosure® IP Systems (Pelco IP111-LD).....	93.96	28.62
28 21 31 00-0357	EA		Smoked Lower Dome For Surface Mount Camclosure® IS Systems (Pelco IS110-LD).....	93.96	28.62
28 21 31 00-0358	EA		Clear Lower Dome For Surface Mount Camclosure® IS Systems (Pelco IS111-LD).....	93.96	28.62
28 21 31 00-0359	EA		Smoked Lower Dome For Ceiling Mount Camclosure® IS Systems (Pelco IS150-LD).....	93.96	28.62
28 21 31 00-0360	EA		Clear Lower Dome For Ceiling Mount Camclosure® IS Systems (Pelco IS151-LD).....	93.96	28.62
28 21 31 00-0361	EA		Ceiling Mount Enclosure Only, Environmental, Camclosure® IS Systems (Pelco IS150-ENC).....	271.41	39.08
28 21 31 00-0362	EA		Black Pendant Mount For Indoor Camclosure® IS Systems (Pelco IS90B-P).....	57.19	14.31
28 21 31 00-0363	EA		Black Pendant Wall Mount For Indoor Camclosure® IS Systems (Pelco IS90B-PW).....	93.92	14.31

28 Electronic Safety and Security**28 20 Video Surveillance****28 21 Surveillance Cameras**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0364	EA		White Pendant Mount For Indoor Camclosure® IS Systems (Pelco IS90-P).....	57.19	14.31
28 21 31 00-0365	EA		White Pendant Wall Mount For Indoor Camclosure® IS Systems (Pelco IS90-PW).....	93.92	14.31
28 21 31 00-0366	EA		Surface Mount Enclosure Only, Environmental, IP Camclosure® (Pelco IP110-ENC).....	1,339.15	171.69
28 21 31 00-0367			Pan/Tilt Camera Systems (28 21 31 00-0141)		
28 21 31 00-0368			Esprit® CBZ, Pan/Tilt Camera Systems (28 21 31 00-0367) Note: Includes powder coated aluminum pan/tilt enclosure, receiver, camera, lens, built in heater, window defroster/defogger, sun shroud, insulation blanket, 24V power supply and mounting hardware.		
28 21 31 00-0369			EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems (28 21 31 00-0369)		
28 21 31 00-0370			Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems (28 21 31 00-0369)		
28 21 31 00-0371	EA		10X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10N).....	3,708.87	257.54
28 21 31 00-0372	EA		20X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20N).....	4,199.41	257.54
28 21 31 00-0373	EA		30X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30N).....	4,879.30	257.54
28 21 31 00-0374	EA		10X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10PN).....	3,814.16	257.54
28 21 31 00-0375	EA		20X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20PN).....	4,326.73	257.54
28 21 31 00-0376	EA		30X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30PN).....	5,006.63	257.54
28 21 31 00-0377			Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems (28 21 31 00-0369)		
28 21 31 00-0378	EA		10X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10W).....	3,742.33	257.54
28 21 31 00-0379	EA		20X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20W).....	4,232.87	257.54
28 21 31 00-0380	EA		30X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30W).....	4,912.77	257.54
28 21 31 00-0381	EA		10X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10PW).....	3,848.44	257.54
28 21 31 00-0382	EA		20X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20PW).....	4,360.20	257.54
28 21 31 00-0383	EA		30X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30PW).....	5,040.09	257.54
28 21 31 00-0384			Esprit® CLZ, Pan/Tilt Camera Systems (28 21 31 00-0367)		
28 21 31 00-0385			DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems (28 21 31 00-0384)		
28 21 31 00-0386			Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems (28 21 31 00-0385)		
28 21 31 00-0387	EA		10X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10N).....	3,836.20	257.54
28 21 31 00-0388	EA		20X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20N).....	4,326.73	257.54
28 21 31 00-0389	EA		30X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30N).....	5,006.63	257.54
28 21 31 00-0390	EA		10X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10PN).....	3,941.49	257.54
28 21 31 00-0391	EA		20X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20PN).....	4,454.06	257.54
28 21 31 00-0392	EA		30X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30PN).....	5,133.96	257.54
28 21 31 00-0393			Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems (28 21 31 00-0385)		
28 21 31 00-0394	EA		10X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10W).....	3,869.66	257.54
28 21 31 00-0395	EA		20X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20W).....	4,360.20	257.54
28 21 31 00-0396	EA		30X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30W).....	5,040.09	257.54
28 21 31 00-0397	EA		10X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10PW).....	3,975.77	257.54
28 21 31 00-0398	EA		20X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20PW).....	4,487.53	257.54
28 21 31 00-0399	EA		30X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30PW).....	5,167.42	257.54
28 21 31 00-0400			Esprit® AJZ, Pan/Tilt Camera Systems (28 21 31 00-0367)		
28 21 31 00-0401			High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems (28 21 31 00-0400)		
28 21 31 00-0402			Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems (28 21 31 00-0401)		
28 21 31 00-0403	EA		6 x 10, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10N).....	3,623.17	257.54
28 21 31 00-0404	EA		5.6 x 20, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20N).....	4,113.71	257.54
28 21 31 00-0405	EA		5.5 x 30, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30N).....	4,793.60	257.54

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0406 EA 6 x 10, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10PN).....	3,729.28	257.54
28 21 31 00-0407 EA 5.6 x 20, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20PN).....	4,241.03	257.54
28 21 31 00-0408 EA 5.5 x 30, Preset Positioning, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30PN).....	4,920.93	257.54
28 21 31 00-0409 Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems <i>(28 21 31 00-0409)</i>		
28 21 31 00-0410 EA 6 x 10, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10W).....	3,657.45	257.54
28 21 31 00-0411 EA 5.6 x 20, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20W).....	4,147.17	257.54
28 21 31 00-0412 EA 5.5 x 30, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30W).....	4,827.88	257.54
28 21 31 00-0413 EA 6 x 8, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ8PW).....	3,681.12	257.54
28 21 31 00-0414 EA 6 x 10, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10W).....	3,762.74	257.54
28 21 31 00-0415 EA 5.6 x 20, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20PW).....	4,274.50	257.54
28 21 31 00-0416 EA 5.5 x 30, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30PW).....	4,955.21	257.54
28 21 31 00-0417 Esprit® AMZ, Pan/Tilt Camera Systems <i>(28 21 31 00-0367)</i>		
28 21 31 00-0418 Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems <i>(28 21 31 00-0417)</i>		
28 21 31 00-0419 Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems <i>(28 21 31 00-0418)</i>		
28 21 31 00-0420 EA 5.6 x 20, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20N).....	4,316.94	257.54
28 21 31 00-0421 EA 5.5 x 30, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30N).....	4,996.83	257.54
28 21 31 00-0422 EA 6 x 10, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10PN).....	3,932.51	257.54
28 21 31 00-0423 EA 5.6 x 20, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20PN).....	4,444.27	257.54
28 21 31 00-0424 EA 5.5 x 30, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30PN).....	5,124.16	257.54
28 21 31 00-0425 Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems <i>(28 21 31 00-0418)</i>		
28 21 31 00-0426 EA 6 x 10, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10W).....	3,860.68	257.54
28 21 31 00-0427 EA 5.6 x 20, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20W).....	4,350.40	257.54
28 21 31 00-0428 EA 5.5 x 30, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30W).....	5,031.11	257.54
28 21 31 00-0429 EA 6 x 10, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10PW).....	3,965.97	257.54
28 21 31 00-0430 EA 5.6 x 20, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20PW).....	4,477.73	257.54
28 21 31 00-0431 EA 5.5 x 30, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30PW).....	5,158.44	257.54
28 21 31 00-0432 Esprit® KWZ, Pan/Tilt Camera Systems <i>(28 21 31 00-0367)</i>		
28 21 31 00-0433 Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems <i>(28 21 31 00-0432)</i>		
28 21 31 00-0434 Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems <i>(28 21 31 00-0433)</i>		
28 21 31 00-0435 EA 5.5 x 30, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30N).....	5,105.39	257.54
28 21 31 00-0436 EA 6 x 10, Preset Positioning, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10PN).....	4,040.25	257.54
28 21 31 00-0437 EA 5.5 x 30, Preset Positioning, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30PN).....	5,232.72	257.54
28 21 31 00-0438 Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems <i>(28 21 31 00-0433)</i>		
28 21 31 00-0439 EA 6 x 10, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10W).....	3,968.42	257.54
28 21 31 00-0440 EA 5.5 x 30, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30W).....	5,139.67	257.54
28 21 31 00-0441 EA 6 x 10, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10PW).....	4,074.53	257.54
28 21 31 00-0442 EA 5.6 x 20, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ20PW).....	4,586.29	257.54
28 21 31 00-0443 EA 5.5 x 30, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30PW).....	5,267.00	257.54
28 21 31 00-0444 Esprit® IOC, Pan/Tilt Camera Systems <i>(28 21 31 00-0367)</i>		
28 21 31 00-0445 Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems <i>(28 21 31 00-0444)</i>		
28 21 31 00-0446 Pedestal Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems <i>(28 21 31 00-0445)</i>		
28 21 31 00-0447 EA 16X, Pedestal Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC16-2N).....	4,310.41	257.54
28 21 31 00-0448 Wall Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems <i>(28 21 31 00-0445)</i>		
28 21 31 00-0449 EA 16X, Wall Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC16-2W).....	4,343.87	257.54

28 Electronic Safety and Security**28 20 Video Surveillance****28 21 Surveillance Cameras**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

28 21 31 00-0450	High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems (28 21 31 00-0444)		
28 21 31 00-0451	Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems (28 21 31 00-0450)		
28 21 31 00-0452	EA 22X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC22-2N)	5,105.39	257.54
28 21 31 00-0453	EA 24X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW24-2N)	4,936.88	257.54
28 21 31 00-0454	EA 35X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW35-2N)	5,604.09	257.54
28 21 31 00-0455	Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems (28 21 31 00-0450)		
28 21 31 00-0456	EA 22X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC22-2W)	5,138.04	257.54
28 21 31 00-0457	EA 24X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW24-2W)	4,938.88	257.54
28 21 31 00-0458	EA 35X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW35-2W)	5,640.82	257.54
28 21 31 00-0459	Esprit® IOP, Pan/Tilt Camera Systems (28 21 31 00-0367)		
28 21 31 00-0460	High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems (28 21 31 00-0459)		
28 21 31 00-0461	Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems (28 21 31 00-0460)		
28 21 31 00-0462	EA 16X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C16-2N)	3,331.79	257.54
28 21 31 00-0463	EA 22X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C22-2N)	4,127.58	257.54
28 21 31 00-0464	EA 24X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW24-2N)	3,963.52	257.54
28 21 31 00-0465	EA 35X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW35-2N)	4,481.81	257.54
28 21 31 00-0466	Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems (28 21 31 00-0460)		
28 21 31 00-0467	EA 16X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C16-2W)	3,364.43	257.54
28 21 31 00-0468	EA 22X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C22-2W)	4,161.05	257.54
28 21 31 00-0469	EA 24X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW24-2W)	3,996.99	257.54
28 21 31 00-0470	EA 35X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW35-2W)	4,518.54	257.54
28 21 31 00-0471	Esprit® Thermal, Pan/Tilt Camera Systems (28 21 31 00-0367)		
28 21 31 00-0472	Esprit® Thermal, Pan/Tilt Camera Systems (28 21 31 00-0471)		
28 21 31 00-0473	Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera Systems (28 21 31 00-0472)		
28 21 31 00-0474	EA 14.25 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3014TI-2N)	21,007.41	257.54
28 21 31 00-0475	EA 35 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3035TI-2N)	22,585.13	257.54
28 21 31 00-0476	EA 50 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3050TI-2N)	23,114.84	257.54
28 21 31 00-0477	Wall Mount, Esprit® Thermal, Pan/Tilt Camera Systems (28 21 31 00-0472)		
28 21 31 00-0478	EA 14.25 mm, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3014TI-2W)	21,041.69	257.54
28 21 31 00-0479	EA 35 mm, 30 Hertz, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3035TI-2W)	22,618.59	257.54
28 21 31 00-0480	EA 50 mm, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3050TI-2W)	23,148.31	257.54
28 21 31 00-0481	Accessories For Esprit® Pan/Tilt Camera Systems (28 21 31 00-0367)		
28 21 31 00-0482	EA Wiper Blade Replacement For Esprit® Systems (Pelco ES-REPLBLADE)	10.05	2.86
28 21 31 00-0483	EA Marine Mounting Kit For Esprit® Systems (Pelco ES-MKIT)	57.19	14.31
28 21 31 00-0484	EA Indoor/Outdoor Wall Mount For Esprit® Systems (Pelco EWM)	86.57	14.31
28 21 31 00-0485	EA Wall Mount For High Security Enclosures (Pelco HSWM12)	108.61	14.31
28 21 31 00-0486	EA Ground Isolation Transformer (Pelco GIT100)	328.55	39.08
28 21 31 00-0487	EA High Security, Indoor Wedge Style Enclosure (Pelco HS2100)	570.68	39.08
28 21 31 00-0488	EA High Security, Indoor 10" Length Enclosure (Pelco HS3000)	388.13	39.08
28 21 31 00-0489	EA High Security, Indoor Medium Corner Mount Enclosure (Pelco HS1500)	665.53	39.08
28 21 31 00-0490	EA High Security, Ceiling Mount, Lexan Window, Aluminum Enclosure (Pelco HS8080)	306.51	39.08
28 21 31 00-0491	EA High Security, Ceiling Mount, Lexan Window, Steel Enclosure (Pelco HS8134)	961.73	39.08
28 21 31 00-0492	EA Bullet-Resistant, Outdoor Enclosure (Pelco HS4514)	1,156.17	39.08
28 21 31 00-0493	EA Bullet-Resistant, Outdoor Enclosure With Mount (Pelco HS4514/MT)	1,369.20	39.08
28 21 31 00-0494	EA 24X, Color/Black And White, Esprit® Camera Module (Pelco ESIOPCBW24)	1,417.36	39.08
28 21 31 00-0495	EA 35X, Color/Black And White, Esprit® Camera Module (Pelco ESIOPCBW35)	1,493.27	39.08
28 21 31 00-0496	EA 24 Volt AC, Esprit® Pan Tilt Enclosure Receiver (Pelco ES3012-2)	2,486.00	39.08
28 21 31 00-0497	EA 24 Volt AC, Pedestal Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-2N)	2,515.70	39.08
28 21 31 00-0498	EA 24 Volt AC, Wall Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-2W)	2,544.23	39.08
28 21 31 00-0499	EA 30X, 24 Volt AC, DSS, Color High Resolution, Esprit® CLZ Pan/Tilt Camera System (Pelco ES3012-2CLZ30)	4,623.39	39.08
28 21 31 00-0500	EA 30X, 24 Volt AC, Preset Positioning, DSS, Color High Resolution, Esprit® CLZ Pan/Tilt Camera System (Pelco ES3012-2CLZ30P)	4,750.72	39.08
28 21 31 00-0501	EA Esprit® Camera Pole Mount Adapter (Pelco EPM)	110.87	9.21
28 21 31 00-0502	EA Pole Mount Adapter For Esprit® Systems (Pelco EPM)	110.87	9.21
28 21 31 00-0503	Camera Lenses (28 21 31 00-0002)		
28 21 31 00-0504	Fixed Focus Camera Lenses (28 21 31 00-0503) Note: 1/3" format and manual focus.		
28 21 31 00-0505	Manual Iris, Fixed Focus Camera Lenses (28 21 31 00-0504)		
28 21 31 00-0506	EA 2.3 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA2.3)	141.87	13.43
28 21 31 00-0507	EA 2.8 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA2.8)	119.02	13.43

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0508	EA		4 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA4).....	107.59	13.43
28 21 31 00-0509	EA		8 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA8).....	105.14	13.43
28 21 31 00-0510			Direct Drive Auto Iris, Fixed Focus Camera Lenses (28 21 31 00-0504)		
			Note: Includes spot filter. Excludes amplifier.		
28 21 31 00-0511	EA		2.3 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD2.3).....	175.33	13.43
28 21 31 00-0512	EA		2.8 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD2.8).....	141.87	13.43
28 21 31 00-0513	EA		4 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD4).....	133.71	13.43
28 21 31 00-0514	EA		8 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD8).....	97.79	13.43
28 21 31 00-0515			Video Drive Auto Iris, Fixed Focus Camera Lenses (28 21 31 00-0504)		
			Note: Includes LDC100 adapter to convert DC auto iris to video drive.		
28 21 31 00-0516	EA		2.3 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV2.3S).....	205.53	13.43
28 21 31 00-0517	EA		2.8 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV2.8S).....	171.25	13.43
28 21 31 00-0518	EA		4 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV4S).....	163.09	13.43
28 21 31 00-0519	EA		8 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV8S).....	156.56	13.43
28 21 31 00-0520			Varifocal Camera Lenses (28 21 31 00-0503)		
			Note: 1/3" format and manual focus and zoom.		
28 21 31 00-0521			Manual Iris, Varifocal Camera Lenses (28 21 31 00-0520)		
28 21 31 00-0522	EA		1.6-3.4 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA1-3).....	240.09	13.43
28 21 31 00-0523	EA		2.5-6 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA2.5-6).....	164.72	13.43
28 21 31 00-0524	EA		2.8-12 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA2.8-12).....	129.63	13.43
28 21 31 00-0525	EA		3-8 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA3-8).....	114.94	13.43
28 21 31 00-0526	EA		5.5-82.5 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5.5-82.5).....	287.15	13.43
28 21 31 00-0527	EA		5-40 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5-40).....	185.18	13.43
28 21 31 00-0528	EA		5-50 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5-50).....	197.66	13.43
28 21 31 00-0529			Direct Drive Auto Iris, Varifocal Camera Lenses (28 21 31 00-0520)		
			Note: Includes spot filter.		
28 21 31 00-0530	EA		1.6-3.4 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD1-3).....	235.93	13.43
28 21 31 00-0531	EA		2.5-6 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD2.5-6).....	207.64	13.43
28 21 31 00-0532	EA		2.8-12 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD2.8-12).....	157.72	13.43
28 21 31 00-0533	EA		3-8 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD3-8).....	116.12	13.43
28 21 31 00-0534	EA		5.5-82.5 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5.5-82.5).....	312.46	13.43
28 21 31 00-0535	EA		5-50 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5-50).....	233.44	13.43
28 21 31 00-0536			Video Drive Auto Iris, Varifocal Camera Lenses (28 21 31 00-0520)		
			Note: Includes spot filter.		
28 21 31 00-0537	EA		1.6-3.4 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV1-3S).....	274.91	13.43
28 21 31 00-0538	EA		2.5-6 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV2.5-6S).....	244.71	13.43
28 21 31 00-0539	EA		3-8 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV3-8S).....	150.03	13.43
28 21 31 00-0540	EA		5-50 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV5-50S).....	271.65	13.43
28 21 31 00-0541			Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lenses (28 21 31 00-0520)		
28 21 31 00-0542	EA		3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VDIR3-8.5).....	135.26	13.43
28 21 31 00-0543	EA		7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VDIR7.5-50).....	205.98	13.43
28 21 31 00-0544			Motorized Zoom Camera Lenses (28 21 31 00-0503)		
			Note: 1/3" format.		
28 21 31 00-0545			Manual Iris, Motorized Zoom Camera Lenses (28 21 31 00-0544)		
28 21 31 00-0546	EA		8X Zoom, 6-48 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X8).....	492.84	13.43
28 21 31 00-0547	EA		10X Zoom, 6-60 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X10).....	613.63	13.43
28 21 31 00-0548	EA		15X Zoom, 6-90 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X15).....	653.63	13.43
28 21 31 00-0549			Direct Drive Auto Iris, Motorized Zoom Camera Lenses (28 21 31 00-0544)		
			Note: Includes spot filter.		
28 21 31 00-0550	EA		6X Zoom, 6-48 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X8).....	556.26	13.43
28 21 31 00-0551	EA		10X Zoom, 6-60 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X10).....	643.62	13.43
28 21 31 00-0552	EA		15X Zoom, 6-90 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X15).....	721.37	13.43
28 21 31 00-0553	EA		20X Zoom, 5.6-112 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD5.6X20).....	1,107.89	13.43
28 21 31 00-0554	EA		30X Zoom, 5.5-165 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD5.5X30).....	2,203.66	13.43
28 21 31 00-0555			Video Drive Auto Iris, Motorized Zoom Camera Lenses (28 21 31 00-0544)		
			Note: Includes spot filter.		
28 21 31 00-0556	EA		8X Zoom, 6-48 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X8S).....	505.08	13.43
28 21 31 00-0557	EA		10X Zoom, 6-60 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X10S).....	599.76	13.43
28 21 31 00-0558	EA		15X Zoom, 6-90 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X15S).....	751.57	13.43
28 21 31 00-0559	EA		20X Zoom, 5.6-112 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV5.6X20S).....	1,090.29	13.43
28 21 31 00-0560	EA		30X Zoom, 5.5-165 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV5.5X30S).....	1,770.19	13.43
28 21 31 00-0561			Camera Power Supplies (28 21 31 00-0002)		
28 21 31 00-0562	EA		20 VA, 24 Volt AC, Camera Power Transformer (Pelco TF2000).....	37.58	11.45

28 Electronic Safety and Security**28 20 Video Surveillance****28 21 Surveillance Cameras**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0563	EA		50 VA, 24 Volt AC, Camera Power Transformer (Pelco TF9000).....	62.07	11.45
28 21 31 00-0564	EA		2 Amperes, 4 Outputs, Camera Power Supply (Pelco MCS4-2).....	316.20	22.89
28 21 31 00-0565	EA		5 Amperes, 8 Outputs, Camera Power Supply (Pelco MCS8-5).....	364.05	34.34
28 21 31 00-0566	EA		10 Amperes, 16 Outputs, Camera Power Supply (Pelco MCS16-10).....	409.40	45.79
			<i>For Switchable Outputs, Add</i>	190.70	
28 21 31 00-0567	EA		20 Amperes, 16 Outputs, Camera Power Supply (Pelco MCS16-20).....	457.26	57.23
			<i>For Switchable Outputs, Add</i>	205.67	
28 21 31 00-0568			Camera Illuminators (28 21 31 00-0002)		
28 21 31 00-0569			Camera Illuminators (28 21 31 00-0568) Note: Includes lamp and mounting bracket.		
28 21 31 00-0570	EA		Narrow Spot Lamp, Low Light Level Camera Illuminator (Pelco LL27MF).....	1,296.21	22.89
28 21 31 00-0571	EA		Infrared Narrow Spot Lamp, Low Light Level Camera Illuminator (Pelco LL27NS).....	1,296.21	22.89
28 21 31 00-0572	EA		Flood Lamp, Low Light Level Camera Illuminator (Pelco LL27WF).....	1,296.21	22.89
28 21 31 00-0573			Camera Illuminator Accessories (28 21 31 00-0568)		
28 21 31 00-0574	EA		Removal And Replacement Of Lamp For Low Light Level Camera Illuminator (Pelco PAR56).....	115.17	22.89
28 21 31 00-0575			Camera Receivers (28 21 31 00-0002)		
28 21 31 00-0576	EA		24 Volt AC, Coaxitron® Outdoor Camera Receiver With Preset Positioning (Pelco CX9024RX-PP).....	1,276.97	39.08
28 21 31 00-0577	EA		120 Volt AC, Coaxitron® Outdoor Camera Receiver With Preset Positioning (Pelco CX9115RX-PP).....	1,276.97	39.08
28 21 31 00-0578			Pan And Tilt Drives (28 21 31 00-0002)		
28 21 31 00-0579	EA		15 LB Load, 24 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT270-24P).....	916.88	85.85
28 21 31 00-0580	EA		40 LB Load, 24/120 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT570-24P).....	1,155.21	85.85
			<i>For Preset Positioning, Add</i>	165.00	
28 21 31 00-0581	EA		100 LB Load, 120 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT1250P).....	2,405.63	85.85
			<i>For Preset Positioning, Add</i>	165.00	
28 21 31 00-0582	EA		100 LB Load, 120 Volt DC, Outdoor Pan And Tilt Drive (Pelco PT1250DC).....	2,744.35	85.85
			<i>For Preset Positioning, Add</i>	165.00	
28 21 31 00-0583	EA		100 LB Load, 120 Volt DC, 360 Degree Outdoor Pan And Tilt Drive (Pelco PT1280SL).....	3,170.41	85.85
			<i>For Preset Positioning, Add</i>	165.00	
28 21 31 00-0584	EA		100 LB Load, 120 Volt DC, Explosion Proof Outdoor Pan And Tilt Drive (Pelco PT1260EX).....	4,076.39	85.85
			<i>For Preset Positioning, Add</i>	165.00	
28 21 31 00-0585			Scanners (28 21 31 00-0002)		
28 21 31 00-0586	EA		35 LB Load, 24 Volt AC, Indoor/Outdoor Scanner (Pelco PS20-24).....	1,041.76	85.85
			<i>For Wall Mount, Add</i>	39.05	
			<i>For Pressure Sensor Alarm, Add</i>	51.15	
28 21 31 00-0587	EA		35 LB Load, 120 Volt AC, Indoor/Outdoor Scanner (Pelco PS20).....	1,093.18	85.85
			<i>For Wall Mount, Add</i>	39.05	
			<i>For Pressure Sensor Alarm, Add</i>	51.15	
28 21 31 00-0588			Camera Monitors (28 21 31 00-0001)		
28 21 31 00-0589			Camera Monitors (28 21 31 00-0588)		
28 21 31 00-0590			Monochrome Camera Monitors (28 21 31 00-0589)		
28 21 31 00-0591	EA		9" Monochrome Camera Monitor (Pelco PMM9A).....	203.29	17.17
28 21 31 00-0592	EA		12" Monochrome Camera Monitor (Pelco PMM12A).....	231.86	17.17
28 21 31 00-0593	EA		15" Monochrome Camera Monitor (Pelco PMM15A).....	352.66	17.17
28 21 31 00-0594	EA		20" Monochrome Camera Monitor (Pelco PMM20A).....	564.05	17.17
28 21 31 00-0595			Color Camera Monitors (28 21 31 00-0589)		
28 21 31 00-0596	EA		9", High Resolution Color, Camera Monitor (Pelco PMC9A).....	635.88	17.17
28 21 31 00-0597	EA		15", High Resolution Color, Camera Monitor (Pelco PMCS15A).....	516.71	17.17
28 21 31 00-0598	EA		17", High Resolution Color, Camera Monitor (Pelco PMCS17A).....	748.52	17.17
28 21 31 00-0599	EA		19", High Resolution Color, Camera Monitor (Pelco PMCS19A).....	993.38	17.17
28 21 31 00-0600			LCD Camera Monitors (28 21 31 00-0588)		
28 21 31 00-0601			VGA Signal, Color LCD Camera Monitors (Pelco 200 Series) (28 21 31 00-0600) Note: Displays VGA computer signals.		
28 21 31 00-0602	EA		17", VGA Signal, High Resolution Color, LCD Camera Monitor (Pelco PMCL217).....	718.32	17.17
28 21 31 00-0603	EA		19", VGA Signal, High Resolution Color, LCD Camera Monitor (Pelco PMCL219).....	933.79	17.17
28 21 31 00-0604			Multimode, Color LCD Camera Monitors (Pelco 300 Series) (28 21 31 00-0600) Note: Displays VGA computer signals and/or composite video signals.		
28 21 31 00-0605	EA		15", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL315).....	816.26	17.17
28 21 31 00-0606	EA		17", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL317).....	976.23	17.17
28 21 31 00-0607	EA		19", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL319).....	1,199.87	17.17
28 21 31 00-0608			Multimode With PIP, Color LCD Camera Monitors (Pelco 400 Series) (28 21 31 00-0600) Note: Displays VGA computer signals and/or composite video signals. Includes picture in picture option.		
28 21 31 00-0609	EA		15", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL415).....	1,046.43	17.17

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0610	EA		17", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL417)	1,212.93	17.17
28 21 31 00-0611	EA		19", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL419)	1,520.64	17.17
28 21 31 00-0612			Camera Monitor Mounting Accessories (28 21 31 00-0588)		
28 21 31 00-0613			Camera Monitor Mounts (28 21 31 00-0612)		
28 21 31 00-0614	EA		Up To 14", Camera Monitor Mount (Pelco)	249.84	22.89
28 21 31 00-0615	EA		>14" To 17", Camera Monitor Mount (Pelco)	289.83	22.89
28 21 31 00-0616	EA		>17" To 21", Camera Monitor Mount (Pelco)	338.81	22.89
28 21 31 00-0617			Camera Monitor Rack Mount Kits (28 21 31 00-0612)		
28 21 31 00-0618	EA		Camera Monitor Rack Mount Kit (Pelco PMCL-RM)	154.34	22.89
28 21 31 00-0619			Video Transmission Equipment (28 21 31 00-0001)		
28 21 31 00-0620			UTP Cable, Video Transmission Equipment (28 21 31 00-0619)		
28 21 31 00-0621			UTP Cable, Active Video Receivers (28 21 31 00-0620)		
28 21 31 00-0622	EA		Single Channel, UTP Cable, Active Video Receiver (Pelco TW3001AR)	314.33	28.62
28 21 31 00-0623	EA		Four Channel, UTP Cable, Active Video Receiver (Pelco TW3004AR)	1,059.52	28.62
28 21 31 00-0624	EA		Eight Channel, 4 Outputs, UTP Cable, Active Video Receiver (Pelco TW3008AR-4-US)	2,075.69	28.62
28 21 31 00-0625	EA		Sixteen Channel, UTP Cable, Active Video Receiver (Pelco TW3016AR1-US)	3,403.65	28.62
28 21 31 00-0626	EA		Sixteen Channel, 2 Outputs, UTP Cable, Active Video Receiver (Pelco TW3016AR-2-US)	3,972.54	28.62
28 21 31 00-0627			UTP Cable, Passive Video Transceivers (28 21 31 00-0620)		
28 21 31 00-0628	EA		Single Channel, UTP Cable, Passive Video Transceiver (Pelco TW3001P)	98.86	28.62
28 21 31 00-0629	EA		Four Channel, UTP Cable, Passive Video Transceiver (Pelco TW3004P)	314.33	28.62
28 21 31 00-0630	EA		Eight Channel, UTP Cable, Passive Video Transceiver (Pelco TW3008P)	572.25	28.62
28 21 31 00-0631	EA		Sixteen Channel, UTP Cable, Passive Video Transceiver (Pelco TW3016P)	1,079.93	28.62
28 21 31 00-0632	EA		Thirty Two Channel, UTP Cable, Passive Video Transceiver (Pelco TW3032P)	2,103.44	28.62
28 21 31 00-0633			UTP Cable, Active Video Transmitters (28 21 31 00-0620)		
28 21 31 00-0634	EA		Single Channel, UTP Cable, Active Video Transmitter (Pelco TW3001AT)	328.21	28.62
28 21 31 00-0635			Fiber Optics, Video Transmission Equipment (28 21 31 00-0619)		
28 21 31 00-0636			Data Only, Fiber Optics Transmission Equipment (28 21 31 00-0635)		
28 21 31 00-0637			Bidirectional Data, Fiber Optics Transmitters (28 21 31 00-0636)		
28 21 31 00-0638	EA		Single-Channel, Single Mode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8101AS)	1,867.67	57.23
28 21 31 00-0639	EA		Single-Channel, Multimode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8101AM)	775.59	57.23
28 21 31 00-0640	EA		Four-Channel, Single Mode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8104S)	1,370.60	57.23
28 21 31 00-0641	EA		Four-Channel, Multimode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8104M)	951.89	57.23
28 21 31 00-0642			Bidirectional Data, Fiber Optics Receivers (28 21 31 00-0636)		
28 21 31 00-0643	EA		Single-Channel, Single Mode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8101AS)	1,867.67	57.23
28 21 31 00-0644	EA		Single-Channel, Multimode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8101AM)	775.59	57.23
28 21 31 00-0645	EA		Four-Channel, Single Mode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8104S)	1,370.60	57.23
28 21 31 00-0646	EA		Four-Channel, Multimode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8104M)	951.89	57.23
28 21 31 00-0647			Video Only, Fiber Optics Transmission Equipment (28 21 31 00-0635)		
28 21 31 00-0648			Digitally Encoded Video, Fiber Optics Transmitters (28 21 31 00-0647)		
28 21 31 00-0649	EA		Single-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8301AS)	840.89	57.23
28 21 31 00-0650	EA		Single-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8301AM)	378.92	57.23
28 21 31 00-0651	EA		Four-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8304S)	2,292.91	57.23
28 21 31 00-0652	EA		Four-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8304M)	1,386.93	57.23
28 21 31 00-0653	EA		Eight-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8308S)	3,742.48	57.23
28 21 31 00-0654	EA		Eight-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8308M)	3,115.64	57.23
28 21 31 00-0655	EA		Sixteen-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8316S)	9,259.99	57.23
28 21 31 00-0656	EA		Sixteen-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8316M)	8,243.82	57.23
28 21 31 00-0657			Digitally Encoded Video, Fiber Optics Receivers (28 21 31 00-0647)		
28 21 31 00-0658	EA		Single-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8301AS)	840.89	57.23
28 21 31 00-0659	EA		Single-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8301AM)	378.92	57.23
28 21 31 00-0660	EA		Two-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8302AS)	1,420.39	57.23
28 21 31 00-0661	EA		Two-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8302AM)	588.68	57.23
28 21 31 00-0662	EA		Four-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8304S)	2,292.91	57.23
28 21 31 00-0663	EA		Four-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8304M)	1,386.93	57.23
28 21 31 00-0664	EA		Eight-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8308S)	3,742.48	57.23
28 21 31 00-0665	EA		Eight-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8308M)	3,115.64	57.23
28 21 31 00-0666	EA		Sixteen-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8316S)	9,259.99	57.23
28 21 31 00-0667	EA		Sixteen-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8316M)	8,243.82	57.23
28 21 31 00-0668			Video And Data, Fiber Optics Transmission Equipment (28 21 31 00-0635)		

28 Electronic Safety and Security**28 20 Video Surveillance****28 21 Surveillance Cameras**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0669			Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitters <i>(28 21 31 00-0668)</i>		
28 21 31 00-0670	EA		Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85011AS).....	1,434.27	57.23
28 21 31 00-0671	EA		Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85011AM).....	863.74	57.23
28 21 31 00-0672	EA		Four-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85041S).....	3,310.71	57.23
28 21 31 00-0673	EA		Four-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85041M).....	2,869.15	57.23
28 21 31 00-0674	EA		Eight-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85081S).....	5,345.50	57.23
28 21 31 00-0675	EA		Eight-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85081M).....	3,881.23	57.23
28 21 31 00-0676			Digitally Encoded Video With Bidirectional Data, Fiber Optics Receivers <i>(28 21 31 00-0668)</i>		
28 21 31 00-0677	EA		Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85011AS).....	1,434.27	57.23
28 21 31 00-0678	EA		Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85011AM).....	863.74	57.23
28 21 31 00-0679	EA		Four-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85041S).....	3,310.71	57.23
28 21 31 00-0680	EA		Four-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85041M).....	2,869.15	57.23
28 21 31 00-0681	EA		Eight-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85081S).....	5,345.50	57.23
28 21 31 00-0682	EA		Eight-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85081M).....	3,881.23	57.23
28 21 31 00-0683			Video, Audio And Data, Fiber Optics Transmission Equipment <i>(28 21 31 00-0635)</i>		
28 21 31 00-0684			Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitters <i>(28 21 31 00-0683)</i>		
28 21 31 00-0685	EA		Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitter (Pelco FT86011S).....	1,841.55	57.23
28 21 31 00-0686	EA		Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitter (Pelco FT86011M).....	1,469.36	57.23
28 21 31 00-0687			Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receivers <i>(28 21 31 00-0683)</i>		
28 21 31 00-0688	EA		Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receiver (Pelco FR86011S).....	1,841.55	57.23
28 21 31 00-0689	EA		Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receiver (Pelco FR86011M).....	1,469.36	57.23
28 21 31 00-0690			Video Amplifiers <i>(28 21 31 00-0619)</i>		
28 21 31 00-0691			Video Distribution Amplifiers <i>(28 21 31 00-0690)</i>		
28 21 31 00-0692	EA		1 Input, 4 Outputs, Video Distribution Amplifier (Pelco DA104DT).....	230.22	14.31
28 21 31 00-0693	EA		16 Channel, Master, Video Distribution Amplifier (Pelco CM9760-MDA)..... Note: Inserts time-date and title on up to 16 video inputs.	1,833.24	14.31
28 21 31 00-0694			Video Equalizing Amplifiers <i>(28 21 31 00-0690)</i>		
28 21 31 00-0695	EA		Video Equalizing Amplifier (Pelco EA2010).....	249.81	14.31
28 21 31 00-0696	EA		Half-Duplex, Video Equalizing Amplifier (Pelco EA2000).....	389.38	14.31
28 21 31 00-0697			Network Video Equipment <i>(28 21 31 00-0001)</i>		
28 21 31 00-0698			Video Encoders/Decoders <i>(28 21 31 00-0697)</i>		
28 21 31 00-0699	EA		MPEG4 IP Video Receiver (Pelco NET300R).....	927.41	28.62
28 21 31 00-0700	EA		MPEG4 IP Video Transmitter (Pelco NET300T).....	927.41	28.62
28 21 31 00-0701	EA		MPEG4 IP Video Receiver With Audio (Pelco NET350R).....	1,064.53	28.62
28 21 31 00-0702	EA		MPEG4 IP Video Transmitter With Audio And Local Storage (Pelco NET350T).....	1,064.53	28.62
28 21 31 00-0703			Network Video Recorders <i>(28 21 31 00-0697)</i>		
28 21 31 00-0704	EA		16 Device Or 100MBPS, Network Video Recorder (Pelco NVR316).....	5,767.47	57.23
28 21 31 00-0705	EA		32 Device Or 100MBPS, Network Video Recorder (Pelco NVR332).....	6,708.55	57.23
28 21 31 00-0706	EA		64 Device Or 100MBPS, Network Video Recorder (Pelco NVR364).....	8,592.34	57.23
28 21 31 00-0707	EA		64 Device Or 100MBPS, PelcoNet Network Video Recorder (Pelco NVR300).....	5,696.46	57.23
28 21 31 00-0708			Network Video Recorder Software <i>(28 21 31 00-0697)</i>		
28 21 31 00-0709	EA		10 User, License Pack (Pelco VMX300-LIC-10).....	568.08	
28 21 31 00-0710	EA		20 User, License Pack (Pelco VMX300-LIC-20).....	1,024.33	
28 21 31 00-0711	EA		50 User, License Pack (Pelco VMX300-LIC-50).....	2,274.75	
28 21 31 00-0712	EA		100 User, License Pack (Pelco VMX300-LIC-100).....	3,978.98	
28 21 31 00-0713	EA		10 User, Enterprise License Pack (Pelco VMX300-E-LIC10).....	948.42	
28 21 31 00-0714	EA		20 User, Enterprise License Pack (Pelco VMX300-E-LIC20).....	1,705.86	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0715	EA		50 User, Enterprise License Pack (Pelco VMX300-E-LIC50)	3,791.25	
28 21 31 00-0716	EA		100 User, Enterprise License Pack (Pelco VMX300-E-LIC100)	6,633.26	
28 21 31 00-0717	EA		200 User, Enterprise License Pack (Pelco VMX300-E-LIC200)	11,370.48	
28 21 31 00-0718	EA		500 User, Enterprise License Pack (Pelco VMX300-E-LIC500)	23,687.76	
28 21 31 00-0719	EA		0 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-0).....	5,135.26	
28 21 31 00-0720	EA		1 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-1).....	5,451.13	
28 21 31 00-0721	EA		4 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-4).....	8,610.64	
28 21 31 00-0722	EA		0 Analog Inputs, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-0)	5,704.15	
28 21 31 00-0723	EA		1 Analog Input, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-1)	6,020.02	
28 21 31 00-0724	EA		4 Analog Inputs, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-4)	9,177.90	
28 21 31 00-0725	EA		0 Analog Inputs, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-0).....	5,514.80	
28 21 31 00-0726	EA		1 Analog Input, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-1)	5,831.48	
28 21 31 00-0727	EA		4 Analog Inputs, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-4)	8,990.18	
28 21 31 00-0728	EA		0 Analog Inputs, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-0)	6,461.59	
28 21 31 00-0729	EA		1 Analog Input, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-1)	6,777.46	
28 21 31 00-0730	EA		4 Analog Inputs, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-4)	9,936.97	
28 21 31 00-0731			Video Recording Equipment (28 21 31 00-0001)		
28 21 31 00-0732			Digital Video Recorders (28 21 31 00-0731)		
28 21 31 00-0733	EA		8 Channel, 1TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-1000A)	9,020.03	57.23
28 21 31 00-0734	EA		8 Channel, 2 TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-2000A)	12,361.55	57.23
28 21 31 00-0735	EA		8 Channel, 3 TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-3000A)	15,703.89	57.23
28 21 31 00-0736	EA		16 Channel, 1 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-1000A)	10,855.66	57.23
28 21 31 00-0737	EA		16 Channel, 2 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-2000A)	14,197.18	57.23
28 21 31 00-0738	EA		16 Channel, 3 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-3000A)	17,539.52	57.23
28 21 31 00-0739	EA		24 Channel, 1 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-1000A)	11,865.30	57.23
28 21 31 00-0740	EA		24 Channel, 2 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-2000A)	15,206.82	57.23
28 21 31 00-0741	EA		24 Channel, 3 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-3000A)	18,549.16	57.23
28 21 31 00-0742	EA		32 Channel, 1 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-1000A)	13,700.94	57.23
28 21 31 00-0743	EA		32 Channel, 2 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-2000A)	17,042.46	57.23
28 21 31 00-0744	EA		32 Channel, 3 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-3000A)	20,384.80	57.23
28 21 31 00-0745	EA		16 Channel, 30 IPS, Digital Video Recorder (Pelco DX9116F-1500)	9,954.82	57.23
28 21 31 00-0746			Digital Video Recorder Accessories (28 21 31 00-0731)		
28 21 31 00-0747	EA		16 Channel, Multiplexed Analog Output Display Card (Pelco DX8000-MUX16).....	898.02	28.62
28 21 31 00-0748			Matrix Systems And Controls (28 21 31 00-0001)		
28 21 31 00-0749			Video Multiplexers (28 21 31 00-0748)		
28 21 31 00-0750			Monochrome Duplex, Video Multiplexers (28 21 31 00-0749)		
28 21 31 00-0751	EA		9 Channel, Monochrome Duplex, Video Multiplexer (Pelco MX4009MD).....	1,676.68	57.23
28 21 31 00-0752	EA		16 Channel, Monochrome Duplex, Video Multiplexer (Pelco MX4016MD).....	1,586.08	57.23
28 21 31 00-0753			Color Duplex, Video Multiplexers (28 21 31 00-0749)		
28 21 31 00-0754	EA		4 Channel, Color Duplex, Video Multiplexer (Pelco MX4004CD).....	1,140.43	57.23
28 21 31 00-0755	EA		9 Channel, Color Duplex, Video Multiplexer (Pelco MX4009CD).....	2,153.34	57.23
28 21 31 00-0756	EA		16 Channel, Color Duplex, Video Multiplexer (Pelco MX4016CD).....	2,332.09	57.23
28 21 31 00-0757			Color Simplex, Video Multiplexers (28 21 31 00-0749)		
28 21 31 00-0758	EA		9 Channel, Monochrome Simplex, Video Multiplexer (Pelco MX4009CS).....	1,813.80	57.23
28 21 31 00-0759	EA		16 Channel, Monochrome Simplex, Video Multiplexer (Pelco MX4016CS).....	2,114.16	57.23
28 21 31 00-0760			Video Multiplexer Accessories (28 21 31 00-0749)		
28 21 31 00-0761	EA		Pushbutton/Joystick Desktop Controls For PTZ, Fixed/Variable-Speed, Multiplexer Controller (Pelco KBD4000).....	1,018.24	39.08
28 21 31 00-0762	EA		Pushbutton Desktop Controls For PTZ, Fixed/Variable-Speed, Multiplexer Controller (Pelco KBD4002)	611.77	39.08
28 21 31 00-0763	EA		Video Multiplexer Server (Pelco MX4000SVR).....	1,676.68	57.23
28 21 31 00-0764			Quad Video Processor (28 21 31 00-0748)		
28 21 31 00-0765	EA		Monochrome, Quad Video Processor (Pelco QD104M)	523.28	28.62
28 21 31 00-0766	EA		Color, Quad Video Processor (Pelco QD104C)	849.76	28.62
28 21 31 00-0767			Switcher (28 21 31 00-0748)		
28 21 31 00-0768			Terminating Manual Switchers (28 21 31 00-0767)		

28 Electronic Safety and Security**28 20 Video Surveillance****28 21 Surveillance Cameras**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0769			Terminating Manual Switchers (28 21 31 00-0768)		
28 21 31 00-0770	EA		4 Inputs, Terminating Manual Switcher (Pelco MS504DT)	186.99	22.89
28 21 31 00-0771	EA		8 Inputs, Terminating Manual Switcher (Pelco MS508DT)	250.66	22.89
28 21 31 00-0772	EA		12 Inputs, Terminating Manual Switcher (Pelco MS512DT)	302.89	22.89
28 21 31 00-0773	EA		18 Inputs, Terminating Manual Switcher (Pelco MS518DT)	489.80	22.89
28 21 31 00-0774			Audio Follow, Terminating Manual Switchers (28 21 31 00-0768)		
28 21 31 00-0775	EA		4 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS504AF)	239.23	22.89
28 21 31 00-0776	EA		8 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS508AF)	414.71	22.89
28 21 31 00-0777	EA		18 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS518AF)	717.52	22.89
28 21 31 00-0778			Balanced Audio Follow, Terminating Manual Switchers (28 21 31 00-0768)		
28 21 31 00-0779	EA		4 Inputs, Balanced Audio Follow, Terminating Manual Switcher (Pelco MS504BAF)	316.77	22.89
28 21 31 00-0780	EA		8 Inputs, Balanced Audio Follow, Terminating Manual Switcher (Pelco MS508BAF)	573.06	22.89
28 21 31 00-0781			Looping Manual Switchers (28 21 31 00-0767)		
28 21 31 00-0782			Looping Manual Switchers (28 21 31 00-0781)		
28 21 31 00-0783	EA		4 Inputs, Looping Manual Switcher (Pelco MS504LDT)	208.21	22.89
28 21 31 00-0784	EA		8 Inputs, Looping Manual Switcher (Pelco MS508LDT)	282.49	22.89
28 21 31 00-0785	EA		12 Inputs, Looping Manual Switcher (Pelco MS512LDT)	357.58	22.89
28 21 31 00-0786	EA		18 Inputs, Looping Manual Switcher (Pelco MS518LDT)	583.67	22.89
28 21 31 00-0787			Audio Follow, Looping Manual Switchers (28 21 31 00-0781)		
28 21 31 00-0788	EA		4 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS504AFL)	257.19	22.89
28 21 31 00-0789	EA		8 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS508AFL)	442.46	22.89
28 21 31 00-0790	EA		12 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS512AFL)	604.07	22.89
28 21 31 00-0791			Balanced Audio Follow, Looping Manual Switchers (28 21 31 00-0781)		
28 21 31 00-0792	EA		4 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS504BAFL)	338.81	22.89
28 21 31 00-0793	EA		8 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS508BAFL)	606.52	22.89
28 21 31 00-0794	EA		12 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS512BAFL)	760.78	22.89
28 21 31 00-0795			Sequential Switchers (28 21 31 00-0767)		
28 21 31 00-0796			Single Output, Sequential Switchers (28 21 31 00-0795)		
28 21 31 00-0797	EA		4 Inputs, Single Output, Sequential Desktop Switcher (Pelco VA6104)	358.39	22.89
28 21 31 00-0798	EA		8 Inputs, Single Output, Sequential Desktop Switcher (Pelco VA6108)	529.80	22.89
28 21 31 00-0799			Dual Outputs, Sequential Switchers (28 21 31 00-0795)		
28 21 31 00-0800	EA		4 Inputs, Dual Outputs, Sequential Desktop Switcher (Pelco VA6204)	445.73	22.89
28 21 31 00-0801	EA		8 Inputs, Dual Outputs, Sequential Desktop Switcher (Pelco VA6208)	613.87	22.89
28 21 31 00-0802			Controls (28 21 31 00-0748)		
28 21 31 00-0803			Direct/Multi-Cable Controls (28 21 31 00-0802)		
28 21 31 00-0804	EA		Scanner Control Module (Pelco MPS524DT)	323.42	57.23
28 21 31 00-0805	EA		120 Volt AC Pan/Tilt Control Module (Pelco MPT115DT)	343.82	57.23
28 21 31 00-0806	EA		24 Volt AC Pan/Tilt Control Module (Pelco MPT24DT)	378.92	57.23
28 21 31 00-0807	EA		Motorized Zoom Lens Control Module (Pelco MLZ6DT)	395.24	57.23
28 21 31 00-0808	EA		120 Volt AC Pan/Tilt, Scanner And Lens Control Module (Pelco MPTAZ115DT)	610.72	57.23
28 21 31 00-0809	EA		24 Volt AC Pan/Tilt, Scanner And Lens Control Module (Pelco MPTAZ24DT)	670.30	57.23
28 21 31 00-0810			Coaxitron Controls (28 21 31 00-0802)		
28 21 31 00-0811	EA		Desktop Keyboard, Fixed Speed Coaxitron Controller And Transmitter (Pelco KBD9000)	459.96	39.08
28 21 31 00-0812	EA		8 Position Joystick Pan/Tilt Controls, Switch Camera Lens Controls, Desktop Coaxitron Controller And Transmitter (Pelco MPT9000)	844.39	39.08
28 21 31 00-0813	EA		Integral Switcher, 8 Position Joystick Pan/Tilt Controls, Switch Camera Lens Controls, Desktop Coaxitron Controller And Transmitter (Pelco MPT9008)	954.57	39.08
28 21 31 00-0814			Digital Controls (28 21 31 00-0802)		
28 21 31 00-0815	EA		Pushbutton Desktop Controls For Pan/Tilt/Zoom, Fixed/Variable-Speed, Digital Controller (Pelco KBD200A)	607.69	39.08
28 21 31 00-0816	EA		Pushbutton/Joystick Desktop Controls For Pan/Tilt/Zoom, Fixed/Variable-Speed, Digital Controller (Pelco KBD300A)	1,010.08	39.08
28 21 31 00-0817			Lock Boxes (28 21 31 00-0748)		
28 21 31 00-0818	EA		VCR Lock Box (Pelco LB1000)	370.70	42.92
			<i>For Wall Mount, Add</i>	165.00	
28 21 31 00-0819	EA		Computer Disk Drive Lock Box (Pelco LB2000)	378.87	42.92
28 21 31 00-0820	EA		VCR And Multiplexer Lock Box (Pelco LB3000)	680.86	42.92
			Note: Includes storage for 32 VCR tapes.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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28 21 31 00-0821			Test And Certification Of Surveillance Camera System (28 21 31)		
28 21 31 00-0822	DAY		Test And Certification Of Surveillance Camera System To Tie Into Existing Systems	907.96	
28 21 31 00-0823	HR		Test And Certification Of Surveillance Camera System.....	283.74	
28 21 31 00-0824			Programming Of Surveillance Camera System (28 21 31)		
28 21 31 00-0825	HR		Programming Of Surveillance Camera System	340.49	
28 21 31 00-0826			Removal And Reinstallation Of Cameras (28 21 31)		
			Note: Includes storage, cleaning and supply materials.		
28 21 31 00-0827	EA		Removal And Reinstallation Of Camera System	515.08	

28 40 Life Safety (28)

Note: Includes testing of new devices and certification.

28 42 Gas Detection and Alarm (28 42)

28 42 11 Gas Detection and Alarm Control, GUI, and Logic Systems (28 42)

28 42 11 00-0001 Monitoring System For Underground Tanks (28 42 11)

28 42 11 00-0002 Continuous Leak Detection System (28 42 11 00-0001)

Note: Includes calibration, electronic control module and probes. Excludes sample wells, electrical power supply and sensor cable.

28 42 11 00-0003	EA		Single Channel Underground Tank Monitoring System.....	13,753.87	468.48
28 42 11 00-0004	EA		2 Channel Underground Tank Monitoring System.....	18,569.24	625.03
28 42 11 00-0005	EA		3 Channel Underground Tank Monitoring System.....	26,619.73	669.58
28 42 11 00-0006	EA		4 Channel Underground Tank Monitoring System.....	28,199.95	936.96
28 42 11 00-0007	EA		Control Panel, 1-8 Tanks, Single Wall Tank Monitoring System.....	20,748.64	79.99
28 42 11 00-0008	EA		Control Panel, 1-4 Tanks, Double Wall Tank Monitoring System.....	18,712.20	71.42
28 42 11 00-0009	EA		Control Panel, 1-8 Tanks, Double Wall Tank Monitoring System.....	24,628.44	79.99
28 42 11 00-0010	EA		Tank Leak Detection Probe	7,635.95	17.14
28 42 11 00-0011	EA		Secondary Containment Collar Probe	924.45	6.86
28 42 11 00-0012	EA		Interstitial Leak Detection Probe	1,691.68	14.28
28 42 11 00-0013	EA		Liquid Phase Detection.....	5,589.72	42.85
28 42 11 00-0014	EA		Hydrocarbon Vapor, Fixed.....	5,154.23	42.85
28 42 11 00-0015	EA		Hydrocarbon Vapor, Float Mounted.....	6,030.63	48.56
28 42 11 00-0016	EA		Liquid And Vapor Hydrocarbon.....	6,901.60	48.56

28 42 15 Gas Detection Sensors (28 42)

28 42 15 00-0001 Hydrogen Gas Detection (28 42 15)

28 42 15 00-0002	EA		Hydrogen Gas Detector Sensor, 1% Fan Relay, 2% Alarm (SBS HGDI-DR).....	1,935.99	42.92
28 42 15 00-0003	EA		Hydrogen Gas Detector Junction Box (SBS HGDI-JB).....	100.97	14.31
28 42 15 00-0004	EA		Remote Display With 25' Cable For Hydrogen Gas Detector (SBS HGDI-REM).....	488.95	42.92

28 43 Fuel Oil Detection and Alarm (28 40)

See CSI section 28 42 00 00-0000 for detection and alarms.

28 46 Fire Detection and Alarm (28 40)

28 46 13 Fire-Alarm Systems (28 46)

28 46 13 31 Proprietary Supervising-Station Fire-Alarm Systems (28 46 13)

Note: Includes programming of equipment, testing and certification of new devices.

28 46 13 31-0001 Edwards Fire Alarm (28 46 13 31)

28 46 13 31-0002 EST3 Life Safety And Security Control (28 46 13 31-0001)

28 46 13 31-0003 EST3 Network (28 46 13 31-0002)

28 46 13 31-0004 Remote Annunciators (28 46 13 31-0003)

28 46 13 31-0005	EA		Remote LCD Command Module Annunciator (EST3 3-LCDANN).....	1,558.87	85.85
			Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.		
28 46 13 31-0006	EA		Six Position Base Annunciator (EST3 3-6ANN).....	1,268.68	85.85
			Note: Includes door, CPU card, two annunciator support modules and five blank filler plates. Space provided for up to four Control/Display Modules and one 3-LCD Liquid Crystal Display Module.		
28 46 13 31-0007	EA		Ten Position Base Annunciator (EST3 3-10ANN).....	1,607.06	85.85
			Note: Includes door, CPU card, two annunciator support modules and nine blank filler plates. Space provided for up to eight Control/Display Modules and one 3-LCD Liquid Crystal Display Module.		
28 46 13 31-0008	EA		Annunciator CPU (EST3 3-ANNCPU3)	1,020.98	85.85
			Note: One Required per graphic annunciator.		
28 46 13 31-0009	EA		Annunciator Support Module (EST3 3-ANNSM).....	186.47	28.62
			Note: Takes one space in Annunciator box. Supports one Control/Display module.		
28 46 13 31-0010	EA		Liquid Crystal Display Module (EST3 3-LCD).....	653.11	85.85
			Note: Mounts over 3-CPU(1).		
28 46 13 31-0011	EA		Liquid Crystal Display Module (EST3 3-LCDXL).....	622.04	85.85
			Note: Mounts over 3-ANNCPU plus two spaces.		
28 46 13 31-0012	EA		LED/SWITCH Driver Module Assembly For Third Part Graphics (EST3 3-EVDVRA).....	737.93	85.85
			Note: Assembled version of 3-EVDVR, comes packaged with cables, mounting hardware installation instructions used for third party graphics. Mounts in 3-EVDVRX.		

28 Electronic Safety and Security**28 40 Life Safety****28 46 Fire Detection and Alarm**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46	13 31-0013	EA	Power Supply Assembly With 19" Rail Mounting Chassis Assembly (EST3 3-EVPWRA)..... Note: Assembled version of 3-EVPWR, comes packaged with cables, mounting hardware and mounting plate for 3-ANNCPU1. Used for third party graphics.	864.71	57.23
28 46	13 31-0014	EA	Plastic Mounting Extrusion 19" Mounting (EST3 3-EVDVRX) Note: Mounts up to three 3-EVDVRA modules.	128.86	28.62
28 46	13 31-0015	EA	Central Processor Unit Module (EST3 3-CPU3) Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.	1,847.82	85.85
28 46	13 31-0016	EA	120 Volt AC, 50/60 Hertz, Primary Power Supply With Local Rail Module (EST3 3-CPU3) Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.	1,635.84	28.62
28 46 13 31-0017 Remote Annunciators Cabinets (28 46 13 31-0003)					
28 46	13 31-0018	EA	Remote LCD Command Module Flush Mount LCD Wallbox (EST3 RLCMB/B).....	139.16	28.62
28 46	13 31-0019	EA	Remote LCD Command Module Surface Mount LCD Wallbox (EST3 RLCMB/S)	127.72	22.89
28 46	13 31-0020	EA	Six Position LED/LCD Flush Wallbox (EST3 6ANN/B)	157.35	28.62
28 46	13 31-0021	EA	Six Position LED/LCD Surface Wallbox (EST3 6ANN/B-S).....	145.91	22.89
28 46	13 31-0022	EA	Ten Position LED/LCD Flush Wallbox (EST3 10ANN/B).....	174.40	28.62
28 46	13 31-0023	EA	Ten Position LED/LCD Surface Wallbox (EST3 10ANN/B-S).....	162.96	22.89
28 46 13 31-0024 Audio And Telephone Masters (28 46 13 31-0003)					
28 46	13 31-0025	EA	Audio Source Unit With Local Microphone And Firefighters' Telephone (EST3 3-ASU/FT).....	5,098.15	114.47
28 46	13 31-0026	EA	Audio Source Unit With Local Microphone (Provides Four Local Rail Spaces) (EST3 3-ASU/4).....	2,833.46	114.47
28 46	13 31-0027	EA	Audio Source Unit With Local Microphone And Inner Door Filler Plate (EST3 3-ASU).....	1,706.59	114.47
28 46	13 31-0028	EA	Fire Fighters Telephone Control Unit With Inner Door Filler Plate (EST3 3-FTCU).....	2,677.74	114.47
28 46	13 31-0029	EA	Audio Source Unit Memory Expansion, 100 Minutes (EST3 3-ASUMX/100).....	3,059.85	114.47
28 46	13 31-0030	EA	Zoned Amplifier, 95 Watt, Class B. 95 Watt Selectable For 25 Or 70 Vrms Class B Output. Mounts In 2 LRM Spaces (EST3 3-ZA95).....	1,669.15	57.23
28 46 13 31-0031 Battery Distribution Unit (28 46 13 31-0003)					
28 46	13 31-0032	EA	Battery Distribution Unit (EST3 3-BTSEN).....	551.66	437.21
28 46 13 31-0033 Remote Booster Power Supply (28 46 13 31-0003)					
28 46	13 31-0034	EA	6.5 Amperes, 120 Volt AC, Booster Power Supply (EST3 BPS6A)	879.50	85.85
28 46	13 31-0035	EA	10 Amperes, 110 Volt AC Booster Power Supply (EST3 BPS10).....	1,005.44	85.85
28 46	13 31-0036	EA	10 Amperes, 220 Volt AC Booster Power Supply (EST3 BPS10220).....	1,098.24	85.85
28 46	13 31-0037	EA	Tamper Switch - For CAB7, 14 And 21 Series Cabinets (EST3 3-TAMP)	142.21	28.62
28 46 13 31-0038 Batteries And Battery Cabinets (28 46 13 31-0003)					
28 46	13 31-0039	EA	1.2 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V1A2 (1.2 Ampere Hours)).....	107.63	28.62
28 46	13 31-0040	EA	4 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V4A (4.5 Ampere Hours)).....	134.98	28.62
28 46	13 31-0041	EA	24 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V24A (26 Ampere Hours)).....	323.75	28.62
28 46	13 31-0042	EA	6.5 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V6A5 (7.2 Ampere Hours)).....	145.94	28.62
28 46	13 31-0043	EA	40 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V40A (40 Ampere Hours)).....	411.37	28.62
28 46	13 31-0044	EA	10 Amperes Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V10A (11 Ampere Hours)).....	229.98	28.62
28 46	13 31-0045	EA	50 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V50A (50 Ampere Hours)).....	838.30	28.62
28 46	13 31-0046	EA	17 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V17A (18 Ampere Hours)).....	235.62	28.62
28 46	13 31-0047	EA	65 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V65A (65 Amp Hours)).....	1,009.96	28.62
28 46	13 31-0048	EA	8 Ampere Hours, 6 Volt DC, Sealed Lead Acid Battery (EST3 6V8A (8 Amp Hours)).....	129.65	28.62
28 46	13 31-0049	EA	10 Ampere Hours, 6 Volt DC, Sealed Lead Acid Battery (EST3 6V10A (12 Amp Hours)).....	115.99	28.62
28 46	13 31-0050	EA	14" x 18-1/4" x 7-1/4" Free Standing Battery Cabinet With Key Lock (EST3 BC-1)..... Note: Supports up to 40 Ah batteries will hold up to two 12V24A batteries.	419.71	57.23
28 46	13 31-0051	EA	22" x 15" x 3-3/4" Grey Battery Cabinet (EST3 BC-2)	346.02	57.23
			Note: Holds up to two 12V17A batteries.		
28 46	13 31-0052	EA	Remote Closet Enclosure (EST3 3-RCC7R)	1,191.55	114.47
28 46	13 31-0053	EA	Remote Closet Enclosure (EST3 3-RCC14R)	1,481.65	114.47
28 46	13 31-0054	EA	Remote Closet Enclosure (EST3 3-RCC21R)	2,083.22	114.47
28 46 13 31-0055 Serial Printer (28 46 13 31-0003)					
28 46	13 31-0056	EA	System Printer - Desk Top Style (EST3 PT-1S)	872.15	28.62
28 46 13 31-0057 Intelligent Analog Initiating Devices (28 46 13 31-0002)					
28 46 13 31-0058 Detectors, Signature (28 46 13 31-0057)					
28 46	13 31-0059	EA	Intelligent 4D Multisensor Detector For Ionization, Photoelectric, And Heat (EST3 SIGA-IPHS).....	250.87	42.92
28 46	13 31-0060	EA	Black, Intelligent 4D Multisensor Detector For Ionization, Photoelectric, And Heat (EST3 SIGA-IPHSB).....	282.72	42.92
28 46	13 31-0061	EA	Intelligent 3D Multisensor Detector For Photoelectric And Heat (EST3 SIGA-PHS).....	241.38	42.92
28 46	13 31-0062	EA	Intelligent Photoelectric Smoke Detector (EST3 SIGA-PS)	212.92	42.92
28 46	13 31-0063	EA	Intelligent Ionization Smoke Detector (EST3 SIGA-IS)	222.41	42.92
28 46	13 31-0064	EA	135 Degrees Fahrenheit, 15 Degrees Fahrenheit Per Minute, Intelligent Fixed Temperature/Rate-of-Rise Heat Detector (EST3 SIGA-HRS)	181.18	42.92
28 46	13 31-0065	EA	135 Degree Fahrenheit, Intelligent Fixed Temperature Heat Detector (EST3 SIGA-HFS)	181.18	42.92
28 46	13 31-0066	EA	Passive Infrared Motion Detector (EST3 SIGA-MD).....	291.19	42.92
28 46	13 31-0067	EA	Passive Infrared Motion Detector With Swivel Mount For Single Gang Boxes (EST3 SIGA-MDS)	322.28	42.92
28 46	13 31-0068	EA	Intelligent Photoelectric Smoke Detector (EST3 SIGA2-PS)	270.84	42.92
28 46	13 31-0069	EA	Intelligent Combination Photo Electric And CO Sensor (EST3 SIGA2-PCOS)	394.23	42.92
28 46	13 31-0070	EA	135 Degree Fahrenheit, Intelligent Fixed Temperature Heat Detector (EST3 SIGA2-HFS)	224.79	42.92
28 46	13 31-0071	EA	135 Degrees Fahrenheit, 15 Degrees Fahrenheit Per Minute, Intelligent Fixed Temperature/Rate-of-Rise Heat Detector (EST3 SIGA2-HRS)	224.79	42.92
28 46	13 31-0072	EA	Photoelectric, Heat, Intelligent 3D Multisensor Detector (EST3 SIGA2-PHS).....	312.30	42.92

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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28 46 13 31-0073			Detectors, Duct Housings and Accessories, Signature <small>(28 46 13 31-0057)</small>		
28 46 13 31-0074	EA		Superduct, Signature Duct Smoke Detector (EST3 SIGA-SD).....	509.71	71.54
28 46 13 31-0075	EA		Superduct, Test Magnet Kit (EST3 SD-MAG).....	21.30	
28 46 13 31-0076	EA		Superduct, 120" Air Sample Tube (EST3 SD-T120).....	65.92	17.17
28 46 13 31-0077	EA		Superduct, Remote Test Station, Keyed, 2-Wire And SIGA (EST3 SD-TRK).....	132.54	22.89
28 46 13 31-0078	EA		Duct Smoke Detector Test Station, 2-Gang Plastic Plate With Key Switch, 2 Keys, Use With Duct Detector Only (EST3 SIGA-DTS).....	180.70	22.89
28 46 13 31-0079	EA		High Temp Heat Detector, 194 Degree F, Combination Rate-Of-Rise And Fixed Temperature (EST3 282B-PL).....	77.58	22.89
28 46 13 31-0080			Modules, Signature <small>(28 46 13 31-0057)</small>		
28 46 13 31-0081	EA		Universal Class A/B Module - UIO Mount (EST3 SIGA-MAB).....	238.09	28.62
28 46 13 31-0082	EA		Class B Single Input Module (One Gang Standard Mount) (EST3 SIGA-CT1).....	106.83	28.62
28 46 13 31-0083	EA		Class B Dual Input Module (One Gang Standard Mount) (EST3 SIGA-CT2).....	141.43	28.62
28 46 13 31-0084	EA		Class B Dual Input UIO (Plug In) Module (EST3 SIGA-MCT2).....	212.69	28.62
28 46 13 31-0085	EA		Single Input (Riser) Module, Features A Built-In Ring Tone Generator, Use For Switching A Single Signal Or Audio Circuit (EST3 SIGA-CC1).....	154.48	28.62
28 46 13 31-0086	EA		Dual Input (Riser) Module, Use For Switching (Selecting) Either Of Two Signal Or Audio Input Circuits To One Signal Output Circuit (EST3 SIGA-CC2).....	161.66	28.62
28 46 13 31-0087	EA		Control Relay Module (One Gang Standard Mount) (EST3 SIGA-CR)..... Note: Select for either N.O. or N.C. operation. Rated at 2 amperes (24 Volt DC).	125.11	28.62
28 46 13 31-0088	EA		Control Relay UIO (Plug In) Module (EST3 SIGA-MCR).....	184.30	28.62
28 46 13 31-0089	EA		Single Input (Riser) Module With Strobe Synchronization Output (EST3 SIGA-CC1S).....	247.73	28.62
28 46 13 31-0090	EA		Universal Input/Output Module - Input With Programmable Output (EST3 SIGA-IO).....	241.36	28.62
28 46 13 31-0091	EA		Input/Output Module - UIO Mount, Multifunction Module With Input And Program (EST3 SIGA-MIO).....	231.87	28.62
28 46 13 31-0092	EA		Waterflow/Tamper Module (One Gang Standard Mount) (EST3 SIGA-WTM).....	212.20	183.59
28 46 13 31-0093	EA		Monitor Module (One Gang Standard Mount) (EST3 SIGA-MM1)..... Note: Factory programmed for non-latching monitor operation.	154.05	28.62
28 46 13 31-0094	EA		Single Input (Riser) Module, With Synchronization Output (EST3 SIGA-MCC1S).....	248.78	28.62
28 46 13 31-0095			Module Accessories, Signature <small>(28 46 13 31-0057)</small>		
			Note: Universal I/O motherboards are required for UIO plug-in modules. Module mounting plates can be used to mount multiple 1 and 2-gang modules.		
28 46 13 31-0096	EA		Module Mounting Bracket - For 4" Square Box, Mounting Kit Allows Installing 2 Single Gang Signature Modules Into A Single 4" Square Box (EST3 SIGA-MB4).....	60.49	14.31
28 46 13 31-0097	EA		Universal Input/Output Module Motherboard - 6 Position, Use For M Series Modules (EST3 SIGA-UIO6).....	209.62	28.62
28 46 13 31-0098	EA		Transient Protector - For Bell And Horn Circuits, Provides Transient Protection To -CC1, -MCC1, -CC2, -MCC2, -UM And -MAB Modules (EST3 235196P).....	21.91	8.58
28 46 13 31-0099	EA		Signature Module Mounting Plate, 1 Footprint, Space For Up To Four 2-Gang Signature Modules Or Eight 1-Gang Signature Modules (EST3 SIGA-MP1).....	71.47	14.31
28 46 13 31-0100	EA		Signature Module Mounting Plate, 1/2 Footprint, Space For Up To Two 2-Gang Signature Modules Or Four 1-Gang Signature Modules (EST3 SIGA-MP2).....	63.59	14.31
28 46 13 31-0101	EA		Signature Module Mounting Plate, 1/2 Extended Footprint, Space For Up To Three 2-Gang Signature Modules Or Six 1-Gang Signature Modules (EST3 SIGA-MP2L).....	66.71	14.31
28 46 13 31-0102			Single Action Pull Stations, Signature <small>(28 46 13 31-0057)</small>		
28 46 13 31-0103	EA		One Stage Fire Alarm Station, English Markings (EST3 SIGA-270).....	257.37	59.52
28 46 13 31-0104	EA		Two Stage (Pre Signal) Fire Alarm Station, English Markings (EST3 SIGA-270P).....	304.97	59.52
28 46 13 31-0105	EA		GA Key - For Pre Signal Station (EST3 276-K2).....	35.62	29.89
28 46 13 31-0106	EA		20 Glass Rods For SIGA-270 Series Stations (EST3 270-GLR).....	44.79	39.06
28 46 13 31-0107	EA		Surface Mount Box, Red - For SIGA-270 Series (EST3 276B-RSB).....	66.35	43.45
28 46 13 31-0108			Double Action Pull Stations, Signature <small>(28 46 13 31-0057)</small>		
28 46 13 31-0109	EA		Double Action (One Stage) Fire Alarm Station, English Markings (EST3 SIGA-278).....	192.14	59.52
28 46 13 31-0110	EA		12 Glass Rods For SIGA-278 Series (EST3 276-GLR).....	45.47	5.72
28 46 13 31-0111			Detector Bases and Accessories, Signature <small>(28 46 13 31-0057)</small>		
			Note: For raised floor and plenum applications. Order detector mounting base and detector separately. Compatible with -PS, and -PHS detectors and -SB, -RB and -IB bases.		
28 46 13 31-0112	EA		Audible (Sounder) Base (EST3 SIGA-AB4G).....	130.91	14.31
28 46 13 31-0113	EA		Surface Box - For Sounder Base, Use With -AB4G Models Only (EST3 AB4G-SB).....	47.75	14.31
28 46 13 31-0114	EA		Audible (Sounder) Base, Mounts To 4" Square, 2-1/8" Deep Box (EST3 SIGA-AB4).....	163.93	14.31
28 46 13 31-0115	EA		Detector (Smoke) Guard, Covers Detectors Mounted To Flush Boxes, Compatible With -IPHS And -PS Signature Detectors (EST3 SIGA-DG).....	92.21	14.31
28 46 13 31-0116	EA		Detector (Smoke) Guard Surface Box - For SIGA-DG (EST3 SIGA-DGSB).....	108.07	14.31
28 46 13 31-0117	EA		Detector Mounting Plate (EST3 SIGA-DMP)..... Note: For raised floor and plenum applications. Order detector mounting base and detector separately. Compatible with -PS, -PHS and -IPHS detectors and -SB, -RB and -IB bases. SIGA-IPHS 4D detector is limited to operation in air velocities less than 500 feet per minute.	171.52	14.31
28 46 13 31-0118	EA		Remote Alarm LED, Use With -SB And -SB4 Standard Base Only (EST3 SIGA-LED).....	60.49	14.31
28 46 13 31-0119	EA		Trim Skirt/Ring - For Octagon Box (EST3 SIGA-TS).....	22.05	8.58
28 46 13 31-0120	EA		Trim Skirt/Ring - For 4" Square Box, Use To Hide Imperfections Around Electric Boxes Not Completely Hidden By Standard Bases, With All 4" Bases (EST3 SIGA-TS4).....	22.05	8.58
28 46 13 31-0121	EA		Detector (Smoke) Guard Mounting Flange, Provides Secure Mounting While Offering Easy Guard Removal, With Tamper Hardware (EST3 SIGA-DGMF).....	64.90	8.58
28 46 13 31-0122	EA		Detector Base With Isolator (EST3 SIGA-IB).....	106.47	14.31
28 46 13 31-0123	EA		Detector Base With Isolator - For 4" Square Box, With TS4 Skirt (EST3 SIGA-IB4).....	113.26	14.31
28 46 13 31-0124	EA		Detector Base With Form 'C' Relay (EST3 SIGA-RB).....	62.56	14.31
28 46 13 31-0125	EA		Detector Base With Form 'C' Relay - For 4" Square Box, With TS4 Skirt (EST3 SIGA-RB4).....	94.61	14.31
28 46 13 31-0126	EA		Detector Base - Standard, For 4" Square Box, With TS4 Skirt (EST3 SIGA-SB4).....	39.72	14.31

28 Electronic Safety and Security**28 40 Life Safety****28 46 Fire Detection and Alarm**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0127			Controllers, Signature (28 46 13 31-0057)		
28 46 13 31-0128	EA		Signature Dual Driver Controller (EST3 3-SDDC1)	3,655.79	85.85
28 46 13 31-0129	EA		Single Signature Loop Controller (EST3 3-SSDC1).....	2,091.69	85.85
28 46 13 31-0130	EA		Signature Loop Controller (EST3 3-SDC1).....	1,878.20	85.85
28 46 13 31-0131	EA		Analog Addressable Loop Controller (EST3 3-AADC1).....	3,015.87	85.85
28 46 13 31-0132			Relays And Accessories (28 46 13 31-0057)		
28 46 13 31-0133	EA		Multi Voltage Relay (EST3 MR101).....	191.53	28.62
28 46 13 31-0134	EA		Single SPDT Auxiliary Relay With LED Track Mounting (EST3 MR101/T).....	56.45	14.31
28 46 13 31-0135			Notification Appliances (28 46 13 31-0002)		
28 46 13 31-0136			Wall Strobes, Horns And Chimes (28 46 13 31-0135)		
28 46 13 31-0137	EA		Strobe (15, 30, 75, Or 110 cd Output), White (EST3 G1-VM).....	153.69	42.92
28 46 13 31-0138	EA		Strobe (15, 30, 75, Or 110 cd Output), Red (EST3 G1R-VM).....	153.69	42.92
28 46 13 31-0139	EA		Horn-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), White (EST3 G1-HDVM).....	175.78	42.92
28 46 13 31-0140	EA		Temporal Horn (Selectable High Or Low dB Output), White (EST3 G1-HD)	128.79	42.92
28 46 13 31-0141	EA		Temporal Horn (Selectable High Or Low dB Output), Red (EST3 G1R-HD)	128.79	42.92
28 46 13 31-0142	EA		Temporal Horn, Hi/Lo dB Output, 24 Volt DC, White, With The Word "FIRE" On Housing (EST3 G1F-HD)	128.79	42.92
28 46 13 31-0143	EA		Temporal Horn, Hi/Lo dB Output, 24 Volt DC, Red, With The Word "FIRE" On Housing (EST3 G1RF-HD)	128.79	42.92
28 46 13 31-0144	EA		Horn (Steady Tone), 24 Volt DC, White, Not Compatible With Signal Master (EST3 G1-P).....	107.88	42.92
28 46 13 31-0145	EA		Horn (Steady Tone) - 24 Volt DC, Red, Not Compatible With Signal Master (EST3 G1R-P).....	107.88	42.92
28 46 13 31-0146	EA		Horn (Steady Tone), 24 Volt DC, Red, With The Word "FIRE" On Housing, Not Compatible With Signal Master (EST3 G1RF-P).....	107.88	42.92
28 46 13 31-0147	EA		Genesis Chime-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), White (EST3 G1-CVM).....	265.96	42.92
28 46 13 31-0148	EA		Genesis Chime-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), Red (EST3 G1R-CVM).....	265.96	42.92
28 46 13 31-0149	EA		Genesis Chime (Selectable High Or Low dB Output), White (EST3 G1-C)	173.09	42.92
28 46 13 31-0150	EA		Genesis Chime (Selectable High Or Low dB Output), Red (EST3 G1R-C)	173.09	42.92
28 46 13 31-0151	EA		Wall Strobe, 15/75 cd, White, With The Word "FIRE" On Housing (EST3 G1F-V1575)	153.69	42.92
28 46 13 31-0152	EA		Multi-cd Strobe, 24 Volt DC, White, With The Word "FIRE" On Housing (EST3 G1F-VM)	153.69	42.92
28 46 13 31-0153	EA		Multi-Candela Strobe, 24 Volt DC, Red, With The Word "FIRE" On Housing (EST3 G1RF-VM).....	153.69	42.92
28 46 13 31-0154	EA		Wall Strobe, 15/75 cd, Red, With The Word "FIRE" On Housing (EST3 G1RF-V1575)	153.69	42.92
28 46 13 31-0155	EA		Genesis Ceiling Strobe, 15-95 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST3 GCF-VM)	159.90	42.92
28 46 13 31-0156	EA		Genesis Ceiling Strobe, 15-95 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST3 GCFR-VM).....	159.90	42.92
28 46 13 31-0157	EA		Genesis Ceiling Strobe, 95-177 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST GCF-VMH)	174.43	42.92
28 46 13 31-0158	EA		Genesis Ceiling Strobe, 15-95 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-VM)	159.90	42.92
28 46 13 31-0159	EA		Genesis Ceiling Strobe, 95-177 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-VMH).....	159.90	42.92
28 46 13 31-0160	EA		Genesis Trim Plate (For Two-Gang Or 4" Square Boxes) With "FIRE" Markings, White (EST3 G1T-FIRE)	94.28	42.92
28 46 13 31-0161	EA		Genesis Trim Plate (For Two-Gang Or 4" Square Boxes) With "FIRE" Markings, Red (EST3 G1RT-FIRE)	94.28	42.92
28 46 13 31-0162			Wall Speakers And Speaker Strobes (28 46 13 31-0135)		
28 46 13 31-0163	EA		Multi-Wattage 25 VRMS Speaker (EST3 G4-S2)	126.92	42.92
28 46 13 31-0164	EA		Multi-Candela/Wattage 25 VRMS Speaker-Strobe (EST3 G4-S2VM)	196.99	42.92
28 46 13 31-0165	EA		Multi-Wattage 70 VRMS Speaker (EST3 G4-S7)	126.92	42.92
28 46 13 31-0166	EA		Multi-Candela/Wattage 70 VRMS Speaker-Strobe (EST3 G4-S7VM)	196.99	42.92
28 46 13 31-0167	EA		Surface Box, White, For Genesis Speaker (EST3 G4B)	62.87	22.89
28 46 13 31-0168	EA		Surface Box, Red, For Genesis Speaker (EST3 G4RB).....	62.87	22.89
28 46 13 31-0169			Ceiling Speakers And Speaker Strobes (28 46 13 31-0135)		
28 46 13 31-0170	EA		Genesis Ceiling Speaker, 70 VRMS, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7).....	152.33	42.92
28 46 13 31-0171	EA		Genesis Ceiling Speaker/Strobe, 70 VRMS, 15-95 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7VM)	196.99	42.92
28 46 13 31-0172	EA		Genesis Ceiling Speaker/Strobe, 70 VRMS, 95-177 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7VMH).....	211.13	42.92
28 46 13 31-0173			Harsh Environment Signals (28 46 13 31-0135)		
28 46 13 31-0174	EA		Temporal Horn, Self-Synchronized, 24 Volt DC (EST3 757-1A-T)	134.94	42.92
28 46 13 31-0175	EA		15/75 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-7A-T).....	190.71	42.92
28 46 13 31-0176	EA		110 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-8A-T).....	190.71	42.92
28 46 13 31-0177	EA		15 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-5A-T).....	174.13	42.92
28 46 13 31-0178	EA		15/75 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-7A-T).....	163.11	42.92
28 46 13 31-0179	EA		30 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-3A-T).....	174.13	42.92
28 46 13 31-0180	EA		60 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-6A-T).....	174.13	42.92
28 46 13 31-0181	EA		110 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-8A-T).....	174.13	42.92
28 46 13 31-0182	EA		15/75 Candela Synchronized, 24 Volt DC, Red, Outdoor Listed, Strobe (EST3 CS405-7A-T)	192.43	48.65
28 46 13 31-0183	EA		110 Candela Synchronized, 24 Volt DC, Red, Outdoor Listed, Strobe (EST3 CS405-8A-T).....	192.43	48.65
28 46 13 31-0184	EA		15 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-5A-T).....	141.67	42.92
28 46 13 31-0185	EA		30 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-3A-T).....	185.42	42.92
28 46 13 31-0186			Fire Alarm Bells (28 46 13 31-0135)		
28 46 13 31-0187	EA		10" Single Stroke Fire Alarm Bells, 24 Volt DC (EST3 323D-10AW).....	206.19	42.92
28 46 13 31-0188	EA		6" Vibrating Fire Alarm Bells, 24 Volt DC (EST3 439D-6AW).....	164.53	42.92
28 46 13 31-0189	EA		10" Vibrating Fire Alarm Bells, 24 Volt DC (EST3 439D-10AW).....	182.31	42.92
28 46 13 31-0190			Multiple Tone Signal (28 46 13 31-0135)		
28 46 13 31-0191	EA		27 Tone Selectable Signal, 24 Volt DC (EST3 5530MD-24AW).....	1,335.75	1,292.82

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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28 46 13 31-0192 Multi-Purpose Loudspeaker (28 46 13 31-0135)					
28 46 13 31-0193	EA		15 Watt Loudspeaker, Gray (EST3 HPSA15G2570).....	272.62	42.92
28 46 13 31-0194	EA		15 Watt Loudspeaker, Red (EST3 HPSA15R2570).....	272.62	42.92
28 46 13 31-0195 Bell/Strobe Plate (28 46 13 31-0135)					
28 46 13 31-0196	EA		Bell/Strobe Plate - 15cd (EST3 403-5A-R).....	137.84	22.89
28 46 13 31-0197 Mounting Accessories (28 46 13 31-0135)					
28 46 13 31-0198	EA		Surface Mount Box - Indoor, Red, 1-Gang (EST3 27193-11).....	64.16	22.89
28 46 13 31-0199	EA		One Gang Surface Mount Box, Red, No Bottom KO (EST3 27193-11-NY).....	64.16	22.89
28 46 13 31-0200	EA		Surface Mount Box - Indoor, White, 1-Gang (EST3 27193-16).....	64.16	22.89
28 46 13 31-0201	EA		Surface Mount Box - Indoor, Red, 2-Gang (EST3 27193-21).....	64.16	22.89
28 46 13 31-0202	EA		Surface Mount Box - Indoor, White, 2-Gang (EST3 27193-26).....	64.16	22.89
28 46 13 31-0203 Firefighters' Telephones (28 46 13 31-0135)					
28 46 13 31-0204	EA		Remote Telephone Warden Station - Flush, Red, 5' Armored Cable, Hinged Door With Magnetic Latch, 4-State (EST3 6830-NY-F4).....	1,194.43	71.54
28 46 13 31-0205	EA		Four State Remote Telephone Warden Station - Surface, Armored Cord (EST3 6830-NY-S4).....	668.76	71.54
28 46 13 31-0206	EA		Remote Telephone Warden Station - Flush, Armored Cord (EST3 6830-NY-F).....	479.46	71.54
28 46 13 31-0207	EA		Telephone Handset Assembly - Red c/w 60" Coiled Cord (EST3 6830-1).....	347.49	71.54
28 46 13 31-0208	EA		Remote Telephone Handset Station - 4-State, Red, 5' Coiled Cord (EST3 6830-4).....	645.20	71.54
28 46 13 31-0209	EA		Three State Telephone Handset Assembly - Red, 60" Coiled Cord, Push To Talk Button (EST3 6830-5A).....	394.59	71.54
28 46 13 31-0210	EA		Remote Telephone Handset Station - 4-State, Red, 'Push To Talk' Button, 5' Coiled Cord (EST3 6830-5A-4).....	728.63	71.54
28 46 13 31-0211	EA		Three State Telephone Handset Assembly - Red, 60" Armored Cord, Push To Talk Button (EST3 6830-6A).....	410.29	71.54
28 46 13 31-0212	EA		Remote Telephone Handset Station - 4-State, Red, 'Push To Talk' Button, 5' Armored Cable (EST3 6830-6A-4).....	835.45	71.54
28 46 13 31-0213	EA		Portable Handset Receptacle, 1 Gang Stainless Steel Faceplate (EST3 6833-1).....	89.84	22.89
28 46 13 31-0214	EA		Portable Telephone Receptacle - 1-Gang, SS, 4-State (EST3 6833-4).....	103.51	22.89
28 46 13 31-0215	EA		Portable Telephone Handset - Black, Coiled Cord (EST3 6830-3).....	147.40	
28 46 13 31-0216	EA		Portable Telephone Handset - Red, Coiled Cord (EST3 6700-0061).....	147.40	
28 46 13 31-0217	EA		Frontplate - Flush Mount, Red Finish, Break Glass Type, With Two Keys (EST3 6831-1).....	221.23	28.62
28 46 13 31-0218	EA		Frontplate - Flush Mount, Red Finish, Non Break Glass Type With Two Keys (EST3 6831-2).....	275.63	28.62
28 46 13 31-0219	EA		Frontplate - Surface Mount, Red Finish, Break Glass Type, With Two Keys (EST3 6831-3).....	194.03	28.62
28 46 13 31-0220	EA		Frontplate - Surface Mount, Red Finish, Non Break Glass Type, With Two Keys (EST3 6831-4).....	186.04	28.62
28 46 13 31-0221	EA		Wallbox - Flush Or Surface Mount, Red Finish, 14" x 8-1/2" x 3-1/2" (EST3 6832-1).....	135.55	42.92
28 46 13 31-0222	EA		Portable Handset Storage Cabinet, Surface Mount, With Keylock, Red Finish (EST3 TCS-6).....	1,234.50	57.23
28 46 13 31-0223 Mass Notification EC Appliances (28 46 13 31-0135)					
28 46 13 31-0224	EA		G1 Wall, Strobe, White Housing, Alert Markings, Amber Lens (EST3 G1WA-VMA).....	159.95	42.92
28 46 13 31-0225	EA		G1 Wall, Strobe, White Housing, Alert Markings, Clear Lens (EST3 G1WA-VMC).....	154.30	42.92
28 46 13 31-0226	EA		G1 Wall, Strobe, White Housing, No Markings, Amber Lens (EST3 G1WN-VMA).....	159.95	42.92
28 46 13 31-0227	EA		G1 Wall, Strobe, White Housing, No Markings, Clear Lens (EST3 G1WN-VMC).....	154.30	42.92
28 46 13 31-0228	EA		G1 Wall, White Trim Ring, Alert Marking (EST3 G1WT-ALERT).....	23.92	8.58
28 46 13 31-0229 Hazardous Location Devices (28 46 13 31-0002)					
28 46 13 31-0230 Detectors, Rate Compensation Heat, For Explosion/Weather/Moisture Proof And Ordinary Location (28 46 13 31-0229)					
28 46 13 31-0231	EA		Heat Detector, Rate Compensation, Interior Vertical Surface Mount FM And UL, 135 Degree F (EST3 302-135).....	134.00	42.92
28 46 13 31-0232	EA		Heat Detector, Rate Compensation, Interior Vertical Surface Mount FM And UL, 194 Degree F (EST3 302-194).....	134.00	42.92
28 46 13 31-0233	EA		Heat Detector - Rate Compensation, All-Weather Vertical Mounting, FM And UL, 135 Degree F (EST3 302-AW-135).....	139.19	42.92
28 46 13 31-0234	EA		Heat Detector - Rate Compensation, All-Weather Vertical Mounting, FM And UL, 194 Degree F (EST3 302-AW-194).....	139.19	42.92
28 46 13 31-0235	EA		Heat Detector, Rate Compensation, Explosion Proof Mounting, Interior Vertical Surface Mount FM And UL, 135 Degree F, Requires JALX-11 Or Equal (EST3 302-EPM-135).....	187.15	42.92
28 46 13 31-0236	EA		Heat Detector, Rate Compensation, Explosion Proof Mounting, Interior Vertical Surface Mount FM And UL, 194 Degree F, Requires JALX-11 Or Equal (EST3 302-EPM-194).....	187.15	42.92
28 46 13 31-0237	EA		Heat Detector, Rate Compensation, All-Weather Vertical, Box Mount (1/2" NPT), FM And UL, 135 Degree F, Requires STONCO27 Or Equal (EST3 302-ET-135).....	139.19	42.92
28 46 13 31-0238	EA		Heat Detector, Rate Compensation, All-Weather Vertical, Box Mount (1/2" NPT), FM And UL, 194 Degree F, Requires STONCO27 Or Equal (EST3 302-ET-194).....	139.19	42.92
28 46 13 31-0239 Hazardous Locations Fire Alarm Station (28 46 13 31-0229)					
28 46 13 31-0240	EA		Hazardous Location Fire Alarm Station (EST3 XAL53).....	1,265.70	71.54
28 46 13 31-0241	EA		Explosion Proof, Weatherproof, Fire Alarm Station, Single Action, Cat 45 Key Reset, Terminal Connections, DPDT (EST3 MPSR1-D45WX-GE).....	1,204.71	71.54
28 46 13 31-0242 Hazardous Location Strobes (28 46 13 31-0229)					
28 46 13 31-0243	EA		Explosion Proof Strobe (EST3 116DEXSTC-FJ).....	1,885.71	42.92
28 46 13 31-0244	EA		Wall Bracket Mounting Elbow (EST3 116EX-B).....	351.50	14.31
28 46 13 31-0245	EA		Ceiling / Wall Mounting Module (EST3 116EX-C).....	459.96	17.17
28 46 13 31-0246	EA		Pendant Mounting Module (EST3 116EX-P).....	337.20	17.17
28 46 13 31-0247 Hazardous Location Bells (28 46 13 31-0229)					

28 Electronic Safety and Security**28 40 Life Safety****28 46 Fire Detection and Alarm**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
28 46 13 31-0248	EA	6" Hazardous Location Bells, 24 Volt DC (EST3 439DEX-6AW)		1,359.93	42.92
28 46 13 31-0249	EA	8" Hazardous Location Bells, 24 Volt DC (EST3 439DEX-8AW)		1,395.23	42.92
28 46 13 31-0250	EA	10" Hazardous Location Bells, 24 Volt DC (EST3 439DEX-10AW)		1,407.95	42.92
28 46 13 31-0251		Hazardous Location Horns (28 46 13 31-0229)			
28 46 13 31-0252	EA	Hazardous Location Horns (EST3 888D-N5)		1,329.50	42.92
28 46 13 31-0253	EA	Explosion Proof Horn, Diode Polarized, 24 Volt DC (EST3 889D-AW)		1,085.16	42.92
28 46 13 31-0254		Door Holders And Relays (28 46 13 31-0002)			
28 46 13 31-0255		Electromagnetic Door Holders (28 46 13 31-0254)			
28 46 13 31-0256	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Single, Floor Mount (EST3 1501-AQN5)		235.28	42.92
28 46 13 31-0257	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Double, Floor Mount (EST3 1502-AQN5)		306.15	42.92
28 46 13 31-0258	EA	24 Volt AC / 120 Volt DC / 120 Volt AC, Door Holder, Flush, Wall Mount (EST3 1504-AQN5)		199.09	42.92
28 46 13 31-0259	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Flush, Wall Mount, Short Catch Plate (EST3 1505-AQN5)		199.09	42.92
28 46 13 31-0260	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Surface, Wall Mount (EST3 1508-AQN5)		202.37	42.92
28 46 13 31-0261	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Completely Flush, Wall Mount (EST3 1509-AQN5)		205.49	42.92
28 46 13 31-0262		Control Relays, Multi-Voltage (28 46 13 31-0254)			
28 46 13 31-0263	EA	Single SPDT With LED, Adhesive Tape Mounting (EST3 PAM1)		47.58	8.58
28 46 13 31-0264		FireShield Plus (28 46 13 31-0002)			
28 46 13 31-0265		3 Zone System (28 46 13 31-0264)			
28 46 13 31-0266	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP302R)		1,265.64	343.39
28 46 13 31-0267	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP302RD)		1,847.53	457.84
28 46 13 31-0268	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP302G)		1,265.64	343.39
28 46 13 31-0269	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP302GD)		1,847.53	457.84
28 46 13 31-0270	EA	Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Gray (EST3 F-TRIM35G)		89.68	14.31
28 46 13 31-0271	EA	Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Red (EST3 F-TRIM35R)		89.68	14.31
28 46 13 31-0272		5 Zone System (28 46 13 31-0264)			
28 46 13 31-0273	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP502R)		1,364.47	343.39
28 46 13 31-0274	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP502RD)		1,940.71	457.84
28 46 13 31-0275	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP502G)		1,364.47	343.39
28 46 13 31-0276	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP502GD)		1,940.71	457.84
28 46 13 31-0277	EA	Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Gray (EST3 F-TRIM35G)		89.68	14.31
28 46 13 31-0278	EA	Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Red (EST3 F-TRIM35R)		89.68	14.31
28 46 13 31-0279		10 Zone System (28 46 13 31-0264)			
28 46 13 31-0280	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries (EST3 FSP1004R)		1,974.60	457.84
28 46 13 31-0281	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP1004RD)		2,556.50	572.31
28 46 13 31-0282	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries (EST3 FSP1004G)		1,932.24	457.84
28 46 13 31-0283	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP1004GD)		2,556.50	572.31
28 46 13 31-0284	EA	Semi Flush Trim Kit For 10 Zone Enclosures, Gray (EST3 F-TRIM10G)		104.97	14.31
28 46 13 31-0285	EA	NAC Power Expansion Transformer, 120 Volt AC, Increases 10 Zone FACP NAC (EST3 F-XTR120)		191.69	28.62
28 46 13 31-0286		FireShield Plus Off Premise Communication Options (28 46 13 31-0264)			
28 46 13 31-0287	EA	F-Series Upload/Download DACT And Modem, Dual Line, With 2x16 LCD (EST3 F-DACT)		424.32	28.62
28 46 13 31-0288		FireShield Plus Remote LED Annunciators (28 46 13 31-0264)			
28 46 13 31-0289	EA	Remote System Indicator, Power, Alarm, Supervisory, Trouble And Ground Fault LED's With Local Buzzer, Single Gang, And White Trim Plate (EST3 FSRSI)		177.47	42.92
28 46 13 31-0290	EA	Remote Zone Indicator, Contains 5 Red LED's For Alarm Zone Indication, With Jumper Selectable Zone Settings, Single Gang, And White Trim Plate (EST3 FSRZI-A)		177.47	42.92
28 46 13 31-0291	EA	Remote Zone Indicator, Contains 5 Bi-Color LED's (Red/Yellow) For Alarm Or Supervisory Zone Indication, With Jumper Selectable Zone Settings, Single Gang, And White Trim Plate (EST3 FSRZI-SA)		184.68	42.92
28 46 13 31-0292	EA	Remote Annunciator Trim Plate - 2 Gang - White (EST3 FSAT2)		35.54	8.58
28 46 13 31-0293	EA	Remote Annunciator Trim Plate - 3 Gang - White (EST3 FSAT3)		44.75	8.58
28 46 13 31-0294	EA	Remote Annunciator Trim Plate - 4 Gang - White (EST3 FSAT4)		66.89	8.58

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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28 46 13 31-0295			FireShield Plus Remote 10 Zone LED Annunciators (28 46 13 31-0264)		
28 46 13 31-0296	EA		Remote LED Annunciator, With Common System Indicators, 10 Zone Indicators, White Housing, Mounts To 4" Electrical Box, For Use With 10 Zone Panels Only (EST3 FSRA10).....	565.89	42.92
28 46 13 31-0297	EA		Remote LED Annunciator, With Common System Indicators, 10 Zone Indicators And Common Control Switches, White Housing, Mounts To 4" Electrical Box, For Use With 10 Zone Panels Only (EST3 FSRA10C).....	622.36	42.92
28 46 13 31-0298	EA		Single Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Gray (EST3 RA-ENC1).....	198.42	28.62
28 46 13 31-0299			FireShield Plus Remote Relays And Interfaces (28 46 13 31-0264)		
28 46 13 31-0300	EA		Remote Relay Module, 5 Form C Contacts, Jumper Selectable Operation, With Mounting Track (EST3 FSRRM24).....	209.94	28.62
28 46 13 31-0301	EA		11" Snap Track Holds 2-4 RRRMs, Used To Mount FSRRMs In MFC-A Or Other Listed Enclosure, MFC-A Will Hold Two FSRRM-11S (EST3 FSRRM-S11).....	86.36	17.17
28 46 13 31-0302	EA		Common Function Graphic Driver/Interface - 9 Relays And 5 Switch Inputs For Common System Indicators And Controls (EST3 FSUIM).....	336.78	28.62
28 46 13 31-0303			FireShield Plus Accessories (28 46 13 31-0264)		
28 46 13 31-0304	EA		Resistor Kit With 1-3.6K And 1-1.1K (46071-0409) (EST3 EOL3.6-1.1).....	19.38	
28 46 13 31-0305	EA		4.7k UL End Of Line Resistor With Fireshield Panels (EST3 EOL47PK7).....	11.65	
28 46 13 31-0306			iO Series Fire Control Panels (28 46 13 31-0002)		
28 46 13 31-0307			Intelligent Analog Control Panels (28 46 13 31-0306)		
28 46 13 31-0308	EA		FACP, 1 Intelligent Loop Supporting 125 Detectors/125 Modules, 2nd Loop Optional, 4 Class B NAC's, 6.5 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 18a/h Batteries, English (EST3 iO500G).....	3,780.17	572.31
28 46 13 31-0309	EA		FACP, 1 Intelligent Loop Supporting 125 Detectors/125 Modules, 2nd Loop Optional, 4 Class B NAC's, 6.5 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 18 Amp/hour Batteries, With Dual Line Dialer/Modem, English (EST3 iO500GD).....	4,054.07	572.31
28 46 13 31-0310	EA		FACP, 1 Loop, 64 Intelligent Devices Max, 2 Class B NAC's, 4.25 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 10 Amp/hour Batteries, English (EST3 iO64G).....	3,017.37	457.84
28 46 13 31-0311	EA		FACP, 1 Loop, 64 Intelligent Devices Max, 2 Class B NAC's, 4.25 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 10 Amp/hour Batteries, With Dual Line Dialer/Modem, English (EST3 iO64GD).....	3,144.43	457.84
28 46 13 31-0312			Option Modules And Accessories For iO Series (28 46 13 31-0306)		
28 46 13 31-0313	EA		16 Zone LED Annunciator, 2 LED's Per Zone, Customizable Insert Labels, Left Side Mounting, Zones 1-16 (EST3 D16L-iO-1).....	368.23	42.92
28 46 13 31-0314	EA		16 Zone LED Annunciator, 2 LED's Per Zone, Customizable Insert Labels, Right Side Mounting, Zones 17-32, Requires D16L-iO-1 (EST3 D16L-iO-2).....	227.04	42.92
28 46 13 31-0315	EA		Serial Interface, RS232, 4 Terminal Connections For Supervised/Unsupervised Printers And Connection To PC's (EST3 SA-232).....	227.04	42.92
28 46 13 31-0316	EA		Class A NAC Module, For 64 Point Systems Only, Mounts To Main Board (EST3 SA-CLA).....	198.42	28.62
28 46 13 31-0317	EA		Dialer/Modem, Two Telephone Line Connections, RJ31, Mounts To Base Plate (EST3 SA-DACT).....	412.88	22.89
28 46 13 31-0318	EA		Ethernet Port Interface, RJ45, Mounts To Base Plate (EST3 SA-ETH).....	751.73	22.89
28 46 13 31-0319	EA		Trim Kit For Semi-Flush Mounting 64 Point Systems (EST3 SA-TRIM1).....	87.92	14.31
28 46 13 31-0320	EA		Trim Kit For Semi-Flush Mounting 500 Point Systems (EST3 SA-TRIM2).....	102.04	14.31
28 46 13 31-0321	EA		Expansion Loop For iO500 Systems, 125 Detectors/125 Modules, Mounts On Main Board (EST3 XAL250).....	1,385.16	57.23
28 46 13 31-0322			Remote Annunciators For iO Series (28 46 13 31-0306)		
28 46 13 31-0323	EA		Remote Annunciator, 80 Character LCD, Common System Indicators, Beige Housing, Mounts To 4" Box With Supplied Ring (EST3 RLCD).....	756.48	42.92
28 46 13 31-0324	EA		Remote Annunciator, 80 Character LCD, Common System Indicators And Controls, Beige Housing, Mounts To 4" Box With Supplied Ring (EST3 RLCD-C).....	791.79	42.92
28 46 13 31-0325			Remote Annunciator Accessories (28 46 13 31-0306)		
28 46 13 31-0326	EA		24 Expander Cable Assembly, With Cable And Hardware (EST3 730073).....	85.10	14.31
28 46 13 31-0327	EA		12 Expander Cable (Cable Only) (EST3 7120313-01).....	56.86	14.31
28 46 13 31-0328	EA		24 Expander Cable (Cable Only) (EST3 7120313-02).....	78.02	14.31
28 46 13 31-0329	EA		Single Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC1).....	227.04	42.92
28 46 13 31-0330	EA		Dual Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC2).....	262.32	42.92
28 46 13 31-0331	EA		Three Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC3).....	297.63	42.92
28 46 13 31-0332	EA		Blank Zone Card Insert For RLEDx Controllers (EST3 RA-LED16ZC).....	56.86	14.31
28 46 13 31-0333	EA		Blank Zone Card Insert For RLED24x Controllers (EST3 RA-LED24ZC).....	56.86	14.31
28 46 13 31-0334	EA		Remote Key Switch, Single Gang Mount, Provides Keyed Control To Enable/Disable Common Control Switches On Remote Annunciators (EST3 RKEY).....	118.55	14.31
28 46 13 31-0335			System Accessories (28 46 13 31-0306)		
28 46 13 31-0336	EA		Battery Cabinet, 14" x 18.25" x 7.25" Free Standing Cabinet With Key Lock, Supports Up To 40 Amp Hours Batteries, Will Hold Up To Two 12 Volt DC, 24 Ampere Batteries (EST3 BC-1).....	419.71	57.23
28 46 13 31-0337	EA		Isolator Module - RS232, For Use With Short Haul Modems, VDU-3, CCA Series, CGP Series And FCOM-232, Requires 1/2 Size Cabinet Footprint (EST3 IOP3A).....	1,879.15	457.84
28 46 13 31-0338			Conventional Initiating Devices (28 46 13 31-0002)		

28 Electronic Safety and Security**28 40 Life Safety****28 46 Fire Detection and Alarm**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
28 46 13 31-0339		Detectors, Heat, Double Pole (28 46 13 31-0338) Note: WARNING, Heat detectors are not Life Safety Devices, use for property protection only.			
28 46 13 31-0340	EA	Heat Detector, 135 Degree F Fixed Temperature (CF135-2)	161.93		42.92
28 46 13 31-0341	EA	Heat Detector, 200 Degree F Fixed Temperature (CF200-2)	161.93		42.92
28 46 13 31-0342	EA	Heat Detector, 135 Degree F ROR/Fixed Temperature (CR135-2)	161.93		42.92
28 46 13 31-0343	EA	Heat Detector, 200 Degree F ROR/Fixed Temperature (CR200-2)	161.93		42.92
28 46 13 31-0344		Detectors, Rate Compensation Heat, Accessories (28 46 13 31-0338)			
28 46 13 31-0345	EA	Heat Detector, Rate Compensation, Adapter Plate For Mounting 302 And 302-AW To Any 3 Outlet Box Or 4" Octagon Outlet Box (GE AP-P)	96.57		42.92
28 46 13 31-0346	EA	Explosion Proof Outlet Body With Cover, 1/2" Threaded Hubs On Back, Four Sides And Cover (GE JALX11)	276.59		22.89
28 46 13 31-0347	EA	4" Weatherproof, Octagon Backbox And Cover, 1/2" Threaded Hubs On Back, Four Sides And Cover (GE STONCO27)	84.74		28.62
28 46 13 31-0348		Detectors, Heat, Fire-Lite (28 46 13 31-0338) Note: WARNING, Heat detectors are not Life Safety Devices, use for property protection only.			
28 46 13 31-0349	EA	Explosion Heat Detector, 135 Degree F Fixed Temperature, Rate-Anticipation Heat Detector, All-Weather Vertical Mounting (302-EPM-135)	151.07		42.92
28 46 13 31-0350	EA	Explosion Heat Detector, 194 Degree F Fixed Temperature, Rate-Anticipation Heat Detector, All-Weather Vertical Mounting (302-EPM-194)	151.07		42.92
28 46 13 31-0351		Audio Notification Systems (Standalone Voice Evacuation) (28 46 13 31-0002)			
28 46 13 31-0352		Audio Notification Panels (28 46 13 31-0351)			
28 46 13 31-0353	EA	Audio Notification Panel, 100 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS100MDG)	5,337.89		572.31
28 46 13 31-0354	EA	Audio Notification Panel, 100 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS100MDR)	5,337.89		572.31
28 46 13 31-0355	EA	Audio Notification Panel, 25 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS25MDG)	3,968.37		572.31
28 46 13 31-0356	EA	Audio Notification Panel, 25 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS25MDR)	3,968.37		572.31
28 46 13 31-0357	EA	Audio Notification Panel, 50 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS50MDG)	4,646.07		572.31
28 46 13 31-0358	EA	Audio Notification Panel, 50 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS50MDR)	4,646.07		572.31
28 46 13 31-0359		Audio Notification Expander Panels (28 46 13 31-0351)			
28 46 13 31-0360	EA	Audio Expander Panel, 100W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS100XG)	4,081.32		572.31
28 46 13 31-0361	EA	Audio Expander Panel, 100W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS100XR)	4,081.32		572.31
28 46 13 31-0362	EA	Audio Expander Panel, 25 Watt Without DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS25XG)	2,754.16		572.31
28 46 13 31-0363	EA	Audio Expander Panel, 25 Watt Without DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS25XR)	2,754.16		572.31
28 46 13 31-0364	EA	Audio Expander Panel, 50W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS50XG)	3,530.69		572.31
28 46 13 31-0365	EA	Audio Expander Panel, 50W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS50XR)	3,530.69		572.31
28 46 13 31-0366		Audio Notification Output Accessories (28 46 13 31-0351)			
28 46 13 31-0367	EA	Zone Adapter, 1 Circuit To 2 Circuit's (GE ANSZC2B)	155.69		14.31
28 46 13 31-0368	EA	Zone Splitter, 2 Class A Circuits With Zone Selection Switches And All-Call Switch (GE ANSZS2A)	692.57		28.62
28 46 13 31-0369	EA	Zone Splitter, 4 Class B Circuits With Zone Selection Switches And All-Call Switch (GE ANSZS4B)	692.57		28.62
28 46 13 31-0370	EA	Class A Converter (GE ANSZSC4A)	494.91		28.62
28 46 13 31-0371		Audio Notification Remote Microphone (28 46 13 31-0351)			
28 46 13 31-0372	EA	Microphone (GE ANSMIKE)	184.30		28.62
28 46 13 31-0373	EA	Remote Microphone, Supervised In Surface/Semi-Flush Gray Cabinet, Requires EVX-SC Card In Evacuation Panel (GE ANSREMG)	763.17		28.62
28 46 13 31-0374	EA	Remote Microphone, Supervised In Surface/Semi-Flush Red Cabinet, Requires EVX-SC Card In Evacuation Panel (GE ANSREMR)	763.17		28.62
28 46 13 31-0375	EA	Remote Microphone Supervisory Card, One Per System, Supervises Up To 5 Remote Microphones (GE ANSREMSUP)	169.81		14.31
28 46 13 31-0376	EA	Relay Card For Supervision/Zone Splitter To Remote Microphone (GE ANSZSR)	92.14		14.31
28 46 13 31-0377		Audio Notification Accessories (28 46 13 31-0351)			
28 46 13 31-0378	EA	Audio Matching - Line Input/Output Card (GE ANSAUX)	311.37		28.62
28 46 13 31-0379	EA	Class B Backup Amplifier Switching Module (GE ANSBKUP)	311.37		28.62
28 46 13 31-0380	EA	Class A Backup Amplifier Switching Module (GE ANSBKUPA)	311.37		28.62
28 46 13 31-0381	EA	Eight Input Remote Serial Interface Module, Accepts Dry Contact Interface To Control Up To 8 Messages, Message Recording Included With Module, For Industrial Signaling Only, Not UL Listed For Fire Alarm / Life Safety Applications (GE ANSRIS8)	692.57		28.62
28 46 13 31-0382		Audio Notification Modules, Without Cabinet And Transformer (28 46 13 31-0351)			

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0383	EA		100W Expander Module (No Microphone OR DMR), Requires Transformer Ordered Separately (GE ANS100A) Note: Excludes cabinet.	2,528.78	57.23
28 46 13 31-0384	EA		100W Expander Module With Microphone (No DMR), Requires Transformer Ordered Separately (GE ANS100AM)..... Note: Excludes cabinet.	2,655.85	57.23
28 46 13 31-0385	EA		100W Audio Notification Module With DMR And Microphone, Requires Transformer Ordered Separately (GE ANS100AMD)..... Note: Excludes cabinet.	3,672.39	57.23
28 46 13 31-0386	EA		25 Watt Expander Module (No Microphone Or DMR), Requires Transformer Ordered Separately (GE ANS25A) Note: Excludes cabinet.	1,385.16	57.23
28 46 13 31-0387	EA		25 Watt Expander Module With Microphone (No DMR), Requires Transformer (GE ANS25AM) Note: Excludes cabinet.	1,385.16	57.23
28 46 13 31-0388	EA		25 Watt Audio Notification Module With DMR And Microphone, Requires Transformer Ordered Separately (GE ANS25AMD).....	2,528.78	57.23
28 46 13 31-0389	EA		50W Expander Module (No Microphone Or DMR) (GE ANS50A) Note: Excludes cabinet.	2,020.50	57.23
28 46 13 31-0390	EA		50W Expander Module With Microphone (No DMR) (GE ANS50AM) Note: Excludes cabinet.	2,147.57	57.23
28 46 13 31-0391	EA		50W Audio Notification Module With DMR And Microphone (GE ANS50AMD)..... Note: Excludes cabinet.	3,164.12	57.23
28 46 13 31-0392	EA		Power Transformer, Open Frame, 28 Volt AC At 180 VA (EVAX 50/100) (GE ANST28180).....	155.69	14.31
28 46 13 31-0393	EA		Power Transformer, Open Frame, 28 Volt AC At 100 VA (EVAX 25) (GE ANST2885).....	114.80	14.31
28 46 13 31-0394			Simplex Fire Alarm (28 46 13 31)		
28 46 13 31-0395			4100 Fire Alarm Control Panel (28 46 13 31-0394)		
28 46 13 31-0396	EA		4100U Master Controller Assembly With LCD And Operator Interface, 9 Amperes System Power Supply/Battery Charger (SPS), 250 Point IDNet Interface, 3 NACs, Auxiliary Relay And External RUI Communications Interface, 120 Volt AC Input (Simplex 4100-9111)	6,565.74	571.32
28 46 13 31-0397	EA		4100ES NDU With Master Controller, LCD And Operator Interface, Network Interface Module (Select Media Card Separately), 9 Amperes System Power Supply/Battery Charger, And External RUI Communications Interface (Power Supply/Battery Charger Is An SPS With Its IDNet Channel And NACs Disabled), 120 Volt AC Input (Simplex 4100-9141)	7,178.91	571.32
28 46 13 31-0398	EA		4100ES NDU With VCC Includes The First Bay Equipment Described For The NDU And A Second Bay Assembly With Separate: Master Controller For Voice Functions, Network Interface (Select Media Card Separately), And A Standard SPS With 250 Point IDNet Channel; And 3, 3 A Class A/B NACs Capable Of SmartSync Two-Wire Operation, 120 V Input (Simplex 4100-9142)	10,390.39	571.32
28 46 13 31-0399	EA		Up To 127 Points, IDNet Module, (Simplex 4100-3104)..... Note: Add-on module.	4,156.11	571.32
28 46 13 31-0400	EA		Up To 64 Points, IDNet Module, (Simplex 4100-3105)..... Note: Add-on module.	3,220.99	571.32
28 46 13 31-0401	EA		Expansion Power Supply, 3 NACs, 120 Volt AC (Simplex 4100-5101)	2,120.75	142.82
28 46 13 31-0402	EA		Alarm Relay, 3 Form C Relays, 2 Amperes At 32 Volt DC, For SPS Or RPS (Simplex 4100-6033)	443.80	28.57
28 46 13 31-0403	EA		Dual Port RS-232 Interface Card (Simplex 4100-6038)..... Note: Add-on module.	1,280.54	28.57
28 46 13 31-0404			4100U Backbox (28 46 13 31-0394)		
28 46 13 31-0405	EA		2 Bay Backbox With Glass Door And Dress Panel (Simplex 2975-9425)..... Note: 24" x 40" beige backbox.	2,212.57	114.27
28 46 13 31-0406	EA		3 Bay Backbox With Glass Door And Dress Panel (Simplex 2975-9443)..... Note: 24" x 56" beige backbox.	3,122.32	114.27
28 46 13 31-0407			DACT (Digital Alarm Communicator Transmitter) (28 46 13 31-0394)		
28 46 13 31-0408	EA		6 Zone Fire Control Communicator (Silent Knight SK-5104)	1,212.16	57.13
28 46 13 31-0409			4010 Fire Alarm Control Panel (28 46 13 31-0394)		
28 46 13 31-0410	EA		120 Volt AC Fire Alarm Control Panel With Door, Cabinet, Power Supply/Battery Charger, IDNet Interface, 4 NACs, 2 Programmable Auxiliary Relays, External N2 Communications Interface, And Internal Common Event Reporting DACT (Simplex 4010-9101).....	6,189.89	571.32
28 46 13 31-0411	EA		240 Volt AC Fire Alarm Control Panel With Door, Cabinet, Power Supply/Battery Charger, IDNet Interface, 4 NACs, 2 Programmable Auxiliary Relays, And External N2 Communications Interface (Simplex 4010-9201).....	6,003.48	571.32
28 46 13 31-0412	EA		Dual Circuit Class A NAC Adapter Module (Simplex 4010-9806).....	226.45	28.57
28 46 13 31-0413	EA		Dual RS-232 Interface Module Expansion Slot Option (Simplex 4010-9811).....	996.64	28.57
28 46 13 31-0414	EA		Single RS-232 Interface Module With Service Modem Connection Expansion Slot Option (Simplex 4010-9812)	1,371.78	28.57
28 46 13 31-0415	EA		120 Volt AC, 4 Amperes, Expansion Power Supply Expansion Module (Simplex 4010-9813)	702.85	28.57
28 46 13 31-0416	EA		240 Volt AC, 4 Amperes, Expansion Power Supply Expansion Module (Simplex 4010-9823)	760.92	28.57
28 46 13 31-0417	EA		Battery Meter Module Expansion Module (Simplex 4010-9820).....	282.88	28.57
28 46 13 31-0418			Printer (28 46 13 31-0394)		
28 46 13 31-0419	EA		24 Pin Dot Matrix Printer (Simplex 4190-9013).....	2,211.77	28.57
28 46 13 31-0420			NAC Panel / Power Booster (28 46 13 31-0394)		
28 46 13 31-0421	EA		120 Volt AC, IDNet NAC Extender With 4, Class B (Style Y) NACs And 8 Amperes Power Supply (Simplex 4009-9201)	1,412.30	142.82
			Note: Power supply for horns and strobes.		
28 46 13 31-0422			Battery (28 46 13 31-0394)		

28 Electronic Safety and Security**28 40 Life Safety****28 46 Fire Detection and Alarm**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46	13 31-0423	EA	50 Ampere Hours Sealed Lead Acid Battery (Simplex 2081-9296) Note: Two required for 24 volt DC.	891.95	28.57
28 46	13 31-0424	EA	33 Ampere Hours Sealed Lead Acid Battery (Simplex 2081-9276) Note: Two required for 24 volt DC.	591.11	28.57
28 46	13 31-0425	EA	6.2 Ampere Hours Sealed Lead Acid Battery (Simplex 2081-9272) Note: Two required for 24 volt DC.	210.06	28.57
28 46	13 31-0426		Interface Modules (28 46 13 31-0394)		
28 46	13 31-0427	EA	Supervised Individual Addressable Modules (Simplex 4090-9001) Note: Monitor modules for waterflow / tamper, etc.	168.72	28.57
28 46	13 31-0428	EA	Relay Individual Addressable Modules (Simplex 4090-9002) Note: Control modules for gas shutdown, door holders, etc.	354.41	28.57
28 46	13 31-0429	EA	Relay SPDT With LED MR-801/T (Simplex 2088-9032) Note: Interface relay for 120VAC	81.23	28.57
28 46	13 31-0430	EA	SmartSync™ Adapter Module For Non-Addressable Notification Appliance Circuits (NACs) (Simplex 4905-9815)	170.76	28.57
28 46	13 31-0431	EA	Surface Mount Cover Plate For SmartSync Adapter Module (Simplex 4905-9817).....	75.74	14.28
28 46	13 31-0432	EA	Flush Mount Cover Plate For SmartSync Adapter Module (Simplex 4905-9818).....	71.82	14.28
28 46	13 31-0433		Pull Stations (28 46 13 31-0394)		
28 46	13 31-0434	EA	Addressable Single Action Manual Pull Station (Simplex 4099-9001).....	208.55	28.57
28 46	13 31-0435	EA	N.O. Contacts, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9101).....	147.57	28.57
28 46	13 31-0436	EA	N.C. Contacts, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9102).....	159.35	28.57
28 46	13 31-0437	EA	Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9103).....	142.26	28.57
28 46	13 31-0438	EA	N.O. Contacts, Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9104).....	167.23	28.57
28 46	13 31-0439	EA	N.C. Contacts, Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9105).....	256.95	28.57
28 46	13 31-0440	EA	Single Action, Pre-Signal, N.O. Contacts, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9107).....	214.40	28.57
28 46	13 31-0441	EA	Break-Glass, Pre-Signal, N.O. Contacts, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9108).....	253.72	28.57
28 46	13 31-0442	EA	Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9754)	114.80	28.57
28 46	13 31-0443	EA	Local Alarm Cover, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9755).....	122.00	28.57
28 46	13 31-0444	EA	Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9756).....	145.17	28.57
28 46	13 31-0445	EA	N.C. Contacts, Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9758).....	229.39	28.57
28 46	13 31-0446	EA	Pre-Signal, N.O. Contacts, Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9759).....	401.63	28.57
28 46	13 31-0447	EA	Institutional Cover, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9762).....	127.91	28.57
28 46	13 31-0448	EA	Surface Mount Steel Box For Manual Pull Station (Simplex 2975-9178).....	79.69	14.28
28 46	13 31-0449		Weatherproof Pull Stations (28 46 13 31-0394)		
28 46	13 31-0450	EA	Weather Proof Single Action Pull Station, Cast Metal, B Lock, SPST (Simplex 2099-9138).....	202.27	34.28
28 46	13 31-0451	EA	Surface Mount Cast Aluminum Box For Exterior Pull Station (Simplex 2975-9211).....	131.93	14.28
28 46	13 31-0452		Heat / Smoke Sensor (28 46 13 31-0394)		
28 46	13 31-0453	EA	32 To 122 Degree F Heat Sensor (Simplex 4098-9733).....	201.53	42.85
28 46	13 31-0454	EA	Photoelectric Smoke Sensor (Simplex 4098-9714)	298.04	42.85
28 46	13 31-0455	EA	Sensor Base With Relay Driver (Simplex 4098-9791)	596.66	14.28
28 46	13 31-0456	EA	Standard Sensor Base (Simplex 4098-9792).....	301.61	14.28
28 46	13 31-0457	EA	Remote Supervised Relay Accessory For Sensor Base With Relay Driver (Simplex 2098-9737)..... Note: Relay for 4098-9791	169.44	28.57
28 46	13 31-0458		Explosion Proof Heat Detector (28 46 13 31-0394)		
28 46	13 31-0459	EA	135 Degree F Explosion Proof Heat Detector (Simplex 2098-9488).....	213.87	42.85
28 46	13 31-0460	EA	Explosion Proof Backbox (Killark JLX-21).....	142.62	14.28
28 46	13 31-0461	EA	Explosion Proof Backbox Plugs (Killark CUP-2)	12.68	2.86
28 46	13 31-0462		Weatherproof Heat Detector (28 46 13 31-0394)		
28 46	13 31-0463	EA	194 Degree F Fixed Hardwired Weatherproof Heat Detector (Simplex 2098-9490).....	151.85	42.85
28 46	13 31-0464		200 Degree F Heat Detector (28 46 13 31-0394)		
28 46	13 31-0465	EA	194 Degree F Heat Detector, ROR/Fixed Temperature (Simplex 5604)..... Note: Used in kiln rooms and kitchens.	124.13	42.85
28 46	13 31-0466		Duct Smoke Sensor (28 46 13 31-0394)		
28 46	13 31-0467	EA	Duct Sensor Housing (Simplex 4098-9755).....	479.86	22.85
28 46	13 31-0468	EA	Duct Sensor Housing With Supervised Output For Multiple Remote Relays, 4-Wire (Simplex 4098-9756)..... Note: Relay output for AHU shutdown.	642.46	51.42
28 46	13 31-0469	EA	46" To 71" Duct Sampling Tube (Simplex 2098-9798)..... Note: 25", 49", 73" or 97" sampling tube length.	69.58	14.28
28 46	13 31-0470	EA	Remote Duct Test Station With Key Switch And Red LED Status Indicator (Simplex 2098-9806).....	163.55	42.85
28 46	13 31-0471		Interior Horn (28 46 13 31-0394)		
28 46	13 31-0472	EA	Red With White FIRE Lettering, TrueAlert Addressable Electronic Horn (Simplex 4901-9850).....	150.65	42.85
28 46	13 31-0473	EA	White With Red FIRE Lettering, TrueAlert Addressable Electronic Horn (Simplex 4901-9853).....	150.65	42.85

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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28 46 13 31-0474			Interior Horn Strobe <small>(28 46 13 31-0394)</small>		
28 46 13 31-0475	EA		75Cd, Wall Mounted Horn Strobe, Red (Simplex 4903-9426)	211.99	42.85
28 46 13 31-0476	EA		110Cd, Wall Mounted Horn Strobe, Red (Simplex 4903-9427)	211.99	42.85
28 46 13 31-0477	EA		Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9127)	197.99	42.85
28 46 13 31-0478	EA		Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9128)	197.99	42.85
28 46 13 31-0479	EA		Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9129)	197.99	42.85
28 46 13 31-0480	EA		Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9130)	197.99	42.85
28 46 13 31-0481	EA		Weatherproof, Red Housing, White Lettering, Horn And Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9131)	202.68	42.85
28 46 13 31-0482	EA		Weatherproof, White Housing, Red Lettering, Horn And Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9132)	202.68	42.85
28 46 13 31-0483	EA		Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9139)	210.93	42.85
28 46 13 31-0484	EA		Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9140)	207.13	42.85
28 46 13 31-0485	EA		Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9141)	210.93	42.85
28 46 13 31-0486	EA		Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9142)	207.13	42.85
28 46 13 31-0487	EA		Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9227)	197.99	42.85
28 46 13 31-0488	EA		Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9228)	197.99	42.85
28 46 13 31-0489	EA		Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9229)	197.99	42.85
28 46 13 31-0490	EA		Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9230)	197.99	42.85
28 46 13 31-0491			Interior Strobe <small>(28 46 13 31-0394)</small>		
28 46 13 31-0492	EA		Wall Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9101)	168.26	42.85
28 46 13 31-0493	EA		Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9102)	168.26	42.85
28 46 13 31-0494	EA		Wall Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9103)	168.20	42.85
28 46 13 31-0495	EA		Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9104)	168.26	42.85
28 46 13 31-0496	EA		Weatherproof, Red Housing, White Lettering, Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9105)	186.04	42.85
28 46 13 31-0497	EA		Weatherproof, White Housing, Red Lettering, Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9106)	186.04	42.85
28 46 13 31-0498	EA		Wall Mount, Red Housing, White Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9109)	187.18	42.85
28 46 13 31-0499	EA		Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9110)	190.28	42.85
28 46 13 31-0500	EA		Wall Mount, White Housing, Red Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9111)	190.28	42.85
28 46 13 31-0501	EA		Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9112)	190.28	42.85
28 46 13 31-0502	EA		Wall Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9201)	168.26	42.85
28 46 13 31-0503	EA		Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9202)	168.26	42.85
28 46 13 31-0504	EA		Wall Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9203)	168.26	42.85
28 46 13 31-0505	EA		Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9204)	168.26	42.85
28 46 13 31-0506			Interior Speakers <small>(28 46 13 31-0394)</small>		
28 46 13 31-0507	EA		Red With White FIRE Lettering, Wall Mount Speaker, Rectangular Housing (Simplex 4902-9716)	135.60	42.85
28 46 13 31-0508	EA		White With Red FIRE Lettering, Wall Mount Speaker, Rectangular Housing (Simplex 4902-9717)	135.60	42.85
28 46 13 31-0509	EA		Ceiling Or Wall Mount, Round Housing Speaker (Simplex 4902-9721)	135.60	42.85
28 46 13 31-0510			Interior Speaker Strobe <small>(28 46 13 31-0394)</small>		
28 46 13 31-0511	EA		Red Housing, White Lettering, Multi-Tapped Speaker And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9151)	225.84	42.85
28 46 13 31-0512	EA		White Housing, Red Lettering, Multi-Tapped Speaker And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9153)	225.84	42.85
28 46 13 31-0513			Surge Suppressors <small>(28 46 13 31-0394)</small>		
28 46 13 31-0514	EA		Overvoltage Suppressor (Simplex 2081-9044)	149.50	8.57
28 46 13 31-0515	EA		Isolated Loop Circuit Protector (Simplex 2081-9028)	95.03	8.57
28 46 13 31-0516	EA		120 Volt AC, 20 Amperes, Multi Stage Hybrid Surge Protector With EMI/RFI Filtering (Ditek 120S20A)	322.10	8.57
28 46 13 31-0517	EA		24 Volt AC, Data And Loop Circuit Surge Protector (Ditek DTK-2MHL24B)	109.07	8.57
28 46 13 31-0518	EA		Mounting Base For Two DTK-2MHL (Ditek DTK-2MB)	164.11	14.28
28 46 13 31-0519	EA		120 Volt AC, 22,500 Amperes, Equipment Panel/Dedicated Circuit Surge Protector (Ditek DTK-120HW)	111.85	8.57
28 46 13 31-0520	EA		<105 Volt AC, 9,000 Amperes, RJ31 Connection, Alarm Dialer Surge Protection (Ditek DTK-MRJ31SCWP)	83.78	8.57

28 Electronic Safety and Security**28 40 Life Safety****28 46 Fire Detection and Alarm**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0521			Boxes And Adapters (28 46 13 31-0394)		
28 46 13 31-0522	EA		Semi-Flush Mount Modular Adapter Using Standard 4" Square Electrical Box (Simplex 4905-9921).....	71.82	14.28
28 46 13 31-0523	EA		Surface Mount Modular Adapter Using Simplex Box (Simplex 4905-9925).....	67.89	14.28
28 46 13 31-0524	EA		Red, Surface Mount Adapter Skirt (Simplex 4905-9937).....	60.18	14.28
28 46 13 31-0525	EA		White, Surface Mount Adapter Skirt (Simplex 4905-9940).....	49.24	14.28
28 46 13 31-0526			Accessories (28 46 13 31-0394)		
28 46 13 31-0527	EA		End-Of-Line Resistor Harness, 10 k Ohms, 1/2 Watt, Two Required, One Each For Audible And Visible Output (Simplex 4081-9008).....	33.14	14.28
28 46 13 31-0528			Siemens Fire Alarm (28 46 13 31)		
28 46 13 31-0529			Conventional Control Panels (28 46 13 31-0528)		
28 46 13 31-0530			SXL Batteries And Power Supplies (28 46 13 31-0529)		
28 46 13 31-0531	EA		6 Amperes Notification Appliance Circuit Expander With Built-In Auxiliary Power Output (Siemens PAD-3).....	1,266.36	57.13
28 46 13 31-0532	EA		Main Board Only For PAD-3 (Siemens PAD-3-MB).....	1,017.87	57.13
28 46 13 31-0533			Digital Fire Communicators (28 46 13 31-0529)		
28 46 13 31-0534	EA		Four Channel Digital Slave Fire Communicator (Siemens 5129).....	985.11	57.13
28 46 13 31-0535			Addressable Control Panels (28 46 13 31-0528)		
28 46 13 31-0536			Fireseeker Equipment (28 46 13 31-0535)		
28 46 13 31-0537			FS-250 System Panels (28 46 13 31-0536)		
28 46 13 31-0538	EA		FS-250 Electronics Package Including One FS-250-CON And Two FS-NPE, Excludes Enclosure (Siemens FS-250-EKIT).....	2,967.91	571.32
			Note: FS-250-CON is an electronics package for releasing water or agent. FS-NPE is a system transformer.		
28 46 13 31-0539	EA		FS-250 Electronics Package Including One FS-250-CON, Two FS-NPE, One FS-RPT And One FS-REL, Excludes Enclosure (Siemens FS-250-REL-EKIT).....	3,726.94	571.32
			Note: FS-250-CON is an electronics package for releasing water or agent. FS-NPE is a system transformer. FS-RPT is a releasing power transformer. FS-REL is a Releasing Module.		
28 46 13 31-0540	EA		FS-250-SRX Releasing Electronics Package Including One FS-250-CON2-SRX, Two FS-NPE, One FS-RPT And One FS-REL, Excludes Enclosure (Siemens FS-250-SRX-EKIT).....	2,201.73	457.05
			Note: FS-250-CON2-SRX is an electronics package for releasing water or agent. FS-NPE is a system transformer. FS-RPT is a releasing power transformer. FS-REL is a Releasing Module.		
28 46 13 31-0541	EA		Electronics Package For Releasing Water Or Agent (Siemens FS-250-CON).....	2,972.43	571.32
28 46 13 31-0542			FS-250 Optional Modules (28 46 13 31-0536)		
28 46 13 31-0543	EA		Main Board Module (Siemens FS-MB2).....	1,275.40	57.13
28 46 13 31-0544	EA		Display Board Module (Siemens FS-DB2).....	996.87	28.57
28 46 13 31-0545	EA		Device Loop Card (Siemens FS-DLC).....	816.15	28.57
28 46 13 31-0546	EA		Releasing Module (Siemens FS-REL).....	359.84	28.57
28 46 13 31-0547	EA		Remote LCD Annunciator (Siemens FS-RD2).....	810.51	28.57
28 46 13 31-0548	EA		Relay Processor Card (Siemens FS-RU2).....	703.20	28.57
28 46 13 31-0549	EA		Relay Expander Board (Siemens FS-RE8).....	599.29	28.57
28 46 13 31-0550	EA		Serial Annunciator Processor Card (Siemens FS-SAU2).....	810.51	28.57
28 46 13 31-0551	EA		16 Output Annunciator Extender (Siemens FS-SAE16).....	630.92	28.57
28 46 13 31-0552	EA		Digital Alarm Communication Transmitter (Siemens FS-DACT).....	573.31	28.57
28 46 13 31-0553	EA		Municipal Tie Module (Siemens FS-MT).....	486.34	28.57
28 46 13 31-0554	EA		Configuration Tool Including Laptop To FS-250 Cable And Software (Siemens FS-CT2).....	438.44	
28 46 13 31-0555	EA		Programming Cable Kit (Siemens CBL-UD).....	115.54	14.28
28 46 13 31-0556	EA		Notification Appliance Circuit Power Expander Transformer (Siemens FS-NPE).....	207.35	28.57
28 46 13 31-0557	EA		Releasing Power Transformer (Siemens FS-RPT-A).....	210.74	28.57
28 46 13 31-0558	EA		Surface Mounted Box For Remote LCD Annunciator (Siemens FS-RD-SB).....	239.98	22.85
28 46 13 31-0559	EA		Cabinet Trim Kit (Siemens RD-CAB-TK).....	394.53	14.28
28 46 13 31-0560			Firefinder Systems (28 46 13 31-0535)		
28 46 13 31-0561			XLS Basic Fire System Packages Without Backbox (28 46 13 31-0560)		
28 46 13 31-0562	EA		500 Point Firefinder Package Including Two DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-500-ID-SP).....	10,590.48	571.32
			Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.		
28 46 13 31-0563	EA		250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-250-ID-SP).....	9,300.59	571.32
			Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.		
28 46 13 31-0564	EA		250 Point Firefinder Package Including One DLC, One PMI-INT, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-250-INT-ID-SP).....	9,300.59	571.32
			Note: DLC is a device loop card. PMI-INT is a person machine interface with multilingual overlays. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0565	EA		250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12, One CAB2-BD And One OD-LP (Siemens XLS-250-CAB2-BD)..... Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. CAB2-BD is a two row inner and outer door set. OD-LP is an outer door clear plastic lens plate.	15,711.64	571.32
28 46 13 31-0566	EA		250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12, One CAB3-BD, One BCL, One ID-SP And One OD-LP (Siemens XLS-250-CAB3-BD)..... Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. CAB3-BD is a three row inner and outer door set. ID-SP is an inner door blank single plate. OD-LP is an outer door clear plastic lens plate.	16,247.02	571.32
28 46 13 31-0567	EA		250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC4A-EP)..... Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.	9,170.70	571.32
28 46 13 31-0568	EA		250 Point Firefinder Package Including One DLC, One PMI-INT, One ZIC-4A, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC4A-INT-EP)..... Note: DLC is a device loop card. PMI-INT is a person machine interface with multilingual overlays. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.	9,170.70	571.32
28 46 13 31-0569	EA		250 Point Firefinder Package Including One DLC, One PMI, One ZIC-8B, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC8B-EP)..... Note: DLC is a device loop card. PMI is a person machine interface. ZIC-8B is an eight circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.	10,679.71	571.32
28 46 13 31-0570			Firefinder - XLS Basic System Equipment (28 46 13 31-0560)		
28 46 13 31-0571	EA		Person Machine Interface With Central Processor (Siemens PMI)..... Note: Includes inner door.	4,907.26	571.32
28 46 13 31-0572	EA		Person Machine Interface With Central Processor, DE-2 And DPU (Siemens PMI-DPU-ENC)..... Note: Includes inner door.	8,240.42	571.32
28 46 13 31-0573	EA		Person Machine Interface With Multilingual Overlays And Central Processor (Siemens PMI-INT)..... Note: Includes inner door.	4,907.26	571.32
28 46 13 31-0574	EA		Two Slot Card Cage (Siemens CC-2).....	617.36	28.57
28 46 13 31-0575	EA		Five Slot Card Cage (Siemens CC-5).....	1,047.70	28.57
28 46 13 31-0576	EA		Four Circuit Zone Indicating Card (Siemens ZIC-4A).....	1,499.50	28.57
28 46 13 31-0577	EA		Eight Circuit Zone Indicating Card (Siemens ZIC-8B).....	1,566.14	28.57
28 46 13 31-0578	EA		Two Channel Adapter Card For ZIC-8B (Siemens ZIC-2C).....	490.86	28.57
28 46 13 31-0579	EA		Device Loop Card (Siemens DLC)..... Note: Interfaces with up to 252 detectors and devices.	1,778.49	28.57
28 46 13 31-0580	EA		Controllable Relay Card (Siemens CRC-6)..... Note: Provides six programmable relays.	1,004.78	28.57
28 46 13 31-0581	EA		12 Amperes Power Supply Charger Module (Siemens PSC-12).....	3,821.75	28.57
28 46 13 31-0582	EA		Person Machine Interface With Central Processor And GPMI-UK Software Upgrade Kit (Siemens GPMI)..... Note: Software kit provides interface with multiple FireFinder XLS and MXL systems.	6,414.02	571.32
28 46 13 31-0583	EA		Network Interface Card (Siemens NIC-C)..... Note: Provides HNET Or XNET communication between enclosures.	1,176.46	28.57
28 46 13 31-0584	EA		12 Amperes Power Supply Extender (Siemens PSX-12)..... Note: Extends PSC-12 with an additional 24 volt DC.	3,177.94	28.57
28 46 13 31-0585	EA		Power Termination Board (Siemens PTB)..... Note: Used with systems requiring more than one PSX-12.	531.52	28.57
28 46 13 31-0586	EA		Conventional Detector Card (Siemens CDC-4).....	1,133.54	28.57
28 46 13 31-0587	EA		Multi-Mode Network Fiber Optic Interface Module (Siemens D2300CPS).....	2,225.77	28.57
28 46 13 31-0588	EA		Single-Mode Network Fiber Optic Interface Module (Siemens D2325CPS).....	8,017.85	28.57
28 46 13 31-0589			Remote Lobby Enclosure (28 46 13 31-0560)		
28 46 13 31-0590	EA		14-1/2" x 18-1/2" x 5" Two Module Remote Enclosure (Siemens REMBOX2)..... Note: Flush mounted. Includes clear lens plate on cover.	1,456.30	114.27
28 46 13 31-0591	EA		24" x 18-1/2" x 5" Four Module Remote Enclosure (Siemens REMBOX4)..... Note: Flush mounted. Includes clear lens plate on cover.	1,885.51	114.27
28 46 13 31-0592	EA		Optional Mounting Plate For REMBOX2 (Siemens REMBOX2-MP)..... Note: Required to mount up to four SIM-16 or OCM-16 modules.	229.94	28.57
28 46 13 31-0593	EA		Optional Mounting Plate For REMBOX4 (Siemens REMBOX4-MP)..... Note: Required to mount up to eight SIM-16 or OCM-16 modules.	251.40	28.57
28 46 13 31-0594			Battery Enclosures (28 46 13 31-0560)		
28 46 13 31-0595	EA		Enclosure For 100 Ampere Hours Batteries (Siemens CAB-BATT).....	896.06	114.27
28 46 13 31-0596			Graphic Annunciator Output Drivers And Inputs (28 46 13 31-0560)		
28 46 13 31-0597	EA		Output Control Module (Siemens OCM-16).....	724.66	28.57
28 46 13 31-0598	EA		Supervised Input Module (Siemens SIM-16).....	724.66	28.57
28 46 13 31-0599			Remote LCD Displays (28 46 13 31-0560)		
28 46 13 31-0600	EA		Remote LED/LCD System Status Display (Siemens SSD)..... Note: No control or menu capability.	1,677.01	85.70
28 46 13 31-0601	EA		Remote LED/LCD System Status Display, Buttons To Acknowledge Events, Silence Audible Circuits And Resetting (Siemens SSD-C).....	1,892.75	85.70
28 46 13 31-0602			Voice Equipment (28 46 13 31-0560)		
28 46 13 31-0603	EA		40 Watts Zone Amplifier Card (Siemens ZAC-40).....	1,674.57	28.57
28 46 13 31-0604	EA		180 Watts Zone Amplifier Module (Siemens ZAM-180).....	3,715.58	28.57

28 Electronic Safety and Security**28 40 Life Safety****28 46 Fire Detection and Alarm**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

28 46 13 31-0605	EA	Live Voice Module (Siemens LVM).....	1,562.75	28.57
		Note: Includes a dynamic microphone with a push-to-talk switch and ready-to-page indicator light, as well as a small local speaker and volume control for monitoring audio signals.		
28 46 13 31-0606		MXL Series Equipment (28 46 13 31-0535)		
28 46 13 31-0607		MXL Optional Equipment (28 46 13 31-0606)		
28 46 13 31-0608	EA	Two Circuit Analog Loop Driver (Siemens ALD-2l).....	1,799.48	57.13
28 46 13 31-0609	EA	CXL/MXL Interface Module (Siemens CMI-300).....	4,665.49	28.57
28 46 13 31-0610	EA	Four Relay Programmable Relay Module (Siemens CRM-4).....	798.08	28.57
28 46 13 31-0611	EA	Two Circuit Controllable Signal/Releasing Module (Siemens CSM-4).....	964.12	28.57
28 46 13 31-0612	EA	Remote Conventional Zone Module (Siemens CZM-1B6).....	360.97	28.57
28 46 13 31-0613	EA	Short Circuit Line Isolator Module (Siemens Model LIM-1).....	222.04	28.57
28 46 13 31-0614	EA	Four Circuit Conventional Zone Module (Siemens CZM-4).....	938.14	28.57
28 46 13 31-0615	EA	12" x 16" x 3" Enclosure For PAD-3 (Siemens EN-PAD).....	334.19	42.85
28 46 13 31-0616	EA	Lexan Window For RCC (Siemens GENBOX-WD).....	227.56	22.85
28 46 13 31-0617	EA	Input Driver Module (Siemens MID-16).....	613.97	28.57
28 46 13 31-0618	EA	Programmable Output Driver Module (Siemens MOD-16).....	613.97	28.57
28 46 13 31-0619	EA	MXL Output/Input Module (Siemens MOI-7).....	984.45	28.57
28 46 13 31-0620	EA	Two Slot Network Option Module Card Cage (Siemens MOM-2).....	522.48	28.57
28 46 13 31-0621	EA	Four Slot Network Option Module Card Cage (Siemens MOM-4).....	824.06	28.57
28 46 13 31-0622	EA	12 Amperes, 220 Volt AC, Power Supply For MXL (Siemens MPS-12/220).....	2,024.90	85.70
28 46 13 31-0623	EA	12 Amperes, 240 Volt AC, Power Supply For MXL (Siemens MPS-12/240).....	2,024.90	85.70
28 46 13 31-0624	EA	Network Interface Module (Siemens NIM-1W).....	1,470.13	28.57
28 46 13 31-0625	EA	U.L. Listed Parallel Printer (Siemens PAL-1).....	3,842.93	114.27
28 46 13 31-0626	EA	Peripheral Interface Module, Model PIM-1 (Siemens 500-691324).....	428.74	28.57
28 46 13 31-0627	EA	Surface Mounted Remote Command Center (Siemens RCC-1).....	4,152.76	571.32
28 46 13 31-0628	EA	Enclosure And Door With Lens For RCC-1 (Siemens RCC-1DL).....	512.98	57.13
28 46 13 31-0629	EA	Flush Mounted Remote Command Center (Siemens RCC-1F).....	4,152.76	571.32
28 46 13 31-0630	EA	Enclosure And Door With Lens For RCC-1F (Siemens RCC-1FDL).....	526.54	57.13
28 46 13 31-0631	EA	Remote Control Center With System Control Functions And Sequential Event Display (Siemens RCC-2).....	3,175.74	571.32
28 46 13 31-0632	EA	MXL/MXLV Remote Annunciator/Keyboard With Enhanced Display (Siemens RCC-3).....	4,789.80	571.32
28 46 13 31-0633	EA	RCC-2/RSE-1 Trim Ring (Siemens RCF-1).....	79.40	14.28
28 46 13 31-0634	EA	Remote Diagnostics Module For MXL (Siemens RDM-MXL).....	5,987.67	57.13
28 46 13 31-0635	EA	Remote Diagnostics Module For PC (Siemens RDM-PC).....	12,761.28	57.13
28 46 13 31-0636	EA	Releasing End Of Line Module (Siemens REL-EOL).....	180.25	28.57
28 46 13 31-0637	EA	36 Zone Tabular Graphic Annunciator With Restart System Key (Siemens RSA-MBSC).....	3,815.64	57.13
28 46 13 31-0638	EA	36 Zone Tabular Graphic Annunciator (Siemens RSA-MBTL).....	3,642.83	57.13
28 46 13 31-0639	EA	8-3/8" x 6-1/4" Remote Control Enclosure (Siemens RSE-1).....	1,923.91	114.27
28 46 13 31-0640		Complete MXL And MXLV System Packages Without Enclosure (28 46 13 31-0606)		
28 46 13 31-0641	EA	MXL System Electronics Package Including One MMB-3, One Display/Control Keyboard, One MDL-1, One MKB-2, One Mps-6, One MOM-2, One ALD-2l And One PIM-1 (Siemens MXL-SS-EP).....	13,860.39	571.32
		Note: MMB-3 is a MXL/MXLV main control board. MDL-1 is a clear lens. MKB-2 is a MXL/MXLV display/keyboard module with hinged frame. MPS-6 is a 6 Amp power supply for MXL. MOM-2 is a two slot network option module card cage. ALD-2l is a two circuit analog loop driver. PIM-1 is a peripheral interface module.		
28 46 13 31-0642	EA	MXL Voice System Electronics Package Including One MMB-3, One MKB-2, One MPS-6, One ACM-1, One TBM-2, One MMM-1, One OMM-2, One ZAC-30, One OCC-1, One MHD-5, One VSM-1 And Four VSB-1 (Siemens MXLV-SS-EP).....	18,093.75	571.32
		Note: MMB-3 is a MXL/MXLV main control board. MKB-2 is a MXL/MXLV display/keyboard module with hinged frame. MPS-6 is a 6 Amp power supply for MXL. ACM-1 is an audio control module. TBM-2 is a voice terminal module. MMM-1 is a master microphone module. OMM-2 is a two half width slot card cage. ZAC-30 is a MXLV zone amplifier card. OCC-1 is a MXLV output control card. MHD-5 is a deadfront panel for MSE-2 backbox. VSM-1 is an eight switch module. VSB-1 is a module blank with overlay.		
28 46 13 31-0643	EA	MXLV Demonstration Panel (Siemens MXLV DEMO).....	37,864.52	571.32
28 46 13 31-0644		MXL Basic System (28 46 13 31-0606)		
28 46 13 31-0645	EA	MXL/MXLV Main Control Board (Siemens MMB-3).....	8,533.66	571.32
28 46 13 31-0646	EA	MXL System Electronics Package Including One MMB-3, One DE-2 And One DPU (Siemens MMB-DPU-ENCL).....	11,062.61	571.32
		Note: MMB-3 is a MXL/MXLV main control board. DE-2 is an enclosure for document storage. DPU is a handheld device programming and testing unit.		
28 46 13 31-0647	EA	MXL/MXLV Display/Keyboard Module With Hinged Frame (Siemens MKB-2).....	3,217.01	57.13
28 46 13 31-0648	EA	MXL/MXLV Keyboard With Enhanced Display With Hinged Frame (Siemens MKB-5).....	4,032.51	57.13
28 46 13 31-0649	EA	6 Amperes Power Supply For MXL (Siemens MPS-6).....	1,391.25	85.70
28 46 13 31-0650	EA	220/240 Volt AC Adapter Cable (Siemens CIA-12).....	101.99	14.28
28 46 13 31-0651		MXL/MXLV System Expansion Accessories (28 46 13 31-0606)		
28 46 13 31-0652	EA	MXL Remote Power Supply Module (Siemens PSR-1).....	1,710.90	85.70
28 46 13 31-0653	EA	Style 4 Communication Module (Siemens NET-4).....	349.67	28.57
28 46 13 31-0654	EA	Style 7 Communication Module (Siemens NET-7).....	639.95	28.57
28 46 13 31-0655	EA	MXL/MXLV Intelligent Control Point, B6 Chip (Siemens ICP-B6).....	382.43	28.57
28 46 13 31-0656		Peripheral Devices (28 46 13 31-0535)		
28 46 13 31-0657		Thermal Detectors (28 46 13 31-0656)		
28 46 13 31-0658	EA	Rate Of Rise And 135 Degree F Fixed Temperature Thermal Detector (Siemens DT-135R).....	141.05	42.85
28 46 13 31-0659	EA	Rate Of Rise And 200 Degree F Fixed Temperature Thermal Detector (Siemens DT-200R).....	141.05	42.85
28 46 13 31-0660	EA	135 Degree F Fixed Temperature Thermal Detector (Siemens DT-135F).....	141.05	42.85
28 46 13 31-0661	EA	200 Degree F Fixed Temperature Thermal Detector (Siemens DT-200F).....	141.05	42.85
28 46 13 31-0662	EA	Weatherproof 135 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-135WP).....	225.76	42.85

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0663 EA Weatherproof 200 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-200WP).....	225.76	42.85
28 46 13 31-0664 EA Explosion Proof 190 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-190EP)	568.00	42.85
28 46 13 31-0665 Beam Smoke Detector (28 46 13 31-0656)		
28 46 13 31-0666 EA Linear Beam Smoke Detector (Siemens PBA-1191)	2,709.12	42.85
28 46 13 31-0667 EA Base For Linear Beam Smoke Detector (Siemens PBB-1191).....	308.69	14.28
28 46 13 31-0668 EA 20cm x 20cm Flat Reflector For Linear Beam Smoke Detector (Siemens PBR-1192)	312.07	14.28
28 46 13 31-0669 EA 10cm x 10cm Flat Reflector For Linear Beam Smoke Detector (Siemens PBR-1193)	158.46	14.28
28 46 13 31-0670 Bases For Detectors (28 46 13 31-0656)		
28 46 13 31-0671 EA Detector Base (Siemens DB-11).....	45.51	14.28
28 46 13 31-0672 EA Universal Base (Siemens DB-3S).....	42.12	14.28
28 46 13 31-0673 Manual Stations (28 46 13 31-0656)		
28 46 13 31-0674 EA Weatherproof Metal Manual Pull Station With Key (Siemens MSM-K-WP)	338.51	34.28
28 46 13 31-0675 Addressable Devices (28 46 13 31-0535)		
28 46 13 31-0676 Intelligent Detectors And Devices For Firefinder XLS And FS-250 (28 46 13 31-0675)		
28 46 13 31-0677 EA Addressable Fireprint Fire Detector (Siemens HFP-11)	279.97	42.85
28 46 13 31-0678 EA Addressable Thermal Fire Detector (Siemens HFPT-11)	240.44	42.85
28 46 13 31-0679 EA Relay Base For H-Series Intelligent Detectors (Siemens DB-HR)	194.13	42.85
28 46 13 31-0680 EA Ceiling Mounted Remote Alarm Indicator (Siemens RL-HC)	127.49	42.85
28 46 13 31-0681 EA Wall Mounted Remote Alarm Indicator (Siemens RL-HW)	127.49	42.85
28 46 13 31-0682 EA Addressable Single Action Manual Pull Station (Siemens HMS-S)	295.45	28.57
28 46 13 31-0683 EA Addressable Double Action Manual Pull Station (Siemens HMS-D).....	281.90	28.57
28 46 13 31-0684 EA Single Input Intelligent Initiating Devices Interface Module (Siemens HTRI-S).....	222.04	28.57
28 46 13 31-0685 EA Dual Input Intelligent Initiating Devices Interface Module (Siemens HTRI-D)	272.86	28.57
28 46 13 31-0686 EA Single Input Intelligent Initiating Devices Interface Module With Relay (Siemens HTRI-R)	272.86	28.57
28 46 13 31-0687 EA Mini Single Input Intelligent Initiating Devices Interface Module (Siemens HTRI-M).....	205.09	28.57
28 46 13 31-0688 EA Line Isolator Module (Siemens HLIM).....	211.87	28.57
28 46 13 31-0689 EA Remote Convention Zone Module (Siemens HZM)	315.79	28.57
28 46 13 31-0690 EA Intelligent Control Point Module (Siemens HCP)	401.63	28.57
28 46 13 31-0691 EA Handheld Programming And Testing Unit (Siemens DPU).....	1,790.59	
28 46 13 31-0692 EA DPU Carrying Case (Siemens DPU-C1).....	274.67	
28 46 13 31-0693 EA Label Printer And Carrying Case (Siemens DPU-PRT)	3,066.12	28.57
28 46 13 31-0694 Air Duct Housings And Detectors (28 46 13 31-0675)		
28 46 13 31-0695 EA Air-Duct Housing (Siemens AD2-P).....	324.70	22.85
28 46 13 31-0696 EA Air-Duct Housing With Relay (Siemens AD2-XHR)	367.62	22.85
28 46 13 31-0697 EA Weatherproof Enclosure For Duct Housing (Siemens WP-2000)	293.20	28.57
28 46 13 31-0698 EA 6" To 1' Duct Sampling Tube (Siemens ST-10)	39.73	8.57
28 46 13 31-0699 EA >1' To 3' Duct Sampling Tube (Siemens ST-25).....	48.83	11.43
28 46 13 31-0700 EA >3' To 5' Duct Sampling Tube (Siemens ST-50).....	61.33	14.28
28 46 13 31-0701 EA >5' To 10' Duct Sampling Tube (Siemens ST-100).....	71.55	17.14
28 46 13 31-0702 Intelligent Initiating Devices For MXL, MXL-LQ And MXLV (28 46 13 31-0675)		
28 46 13 31-0703 EA Addressable Fireprint Fire Detector (Siemens FP-11)	292.40	42.85
28 46 13 31-0704 EA Addressable Thermal Fire Detector (Siemens FPT-11).....	250.61	42.85
28 46 13 31-0705 EA Intelligent Ionization Smoke Detector (Siemens ILI-1)	324.02	42.85
28 46 13 31-0706 EA Addressable Single Action Manual Pull Station (Siemens MSI-10B).....	287.55	28.57
28 46 13 31-0707 EA Addressable Double Action Manual Pull Station (Siemens MSI-20B).....	318.04	28.57
28 46 13 31-0708 EA Single Input Intelligent Initiating Devices Interface Module (Siemens TRI-S)	290.94	28.57
28 46 13 31-0709 EA Dual Input Intelligent Initiating Devices Interface Module (Siemens TRI-D).....	322.56	28.57
28 46 13 31-0710 EA Single Input Intelligent Initiating Devices Interface Module With Relay (Siemens TRI-R).....	322.56	28.57
28 46 13 31-0711 Detector Universal Bases (28 46 13 31-0675)		
28 46 13 31-0712 EA Detector Base With Relay (Siemens DB-X11RS).....	135.87	14.28
28 46 13 31-0713 EA PE-11 To DB-3 Base Adapter (Siemens DB-ADPT).....	68.10	14.28
28 46 13 31-0714 EA Locking Kit (Siemens LK-11)	12.33	
28 46 13 31-0715 EA Detector Base With Relay (Siemens DB-X3RS).....	135.87	14.28
28 46 13 31-0716 EA Audible Base For Addressable Fireprint Fire Detector (Siemens ADBX-11)	158.46	14.28
28 46 13 31-0717 EA Retrofit Adapter Box For Audible Bases Ionization Detector Air Duct (Siemens ADB-BOX)	64.71	14.28
28 46 13 31-0718 EA Flush Trim Ring For Bases (Siemens RA-ADB)	30.69	8.57
28 46 13 31-0719 EA Seal For DB-11 (Siemens DB11-SEAL)	15.05	
28 46 13 31-0720 EA Gasket For DB-11 (Siemens DB-SEAL)	16.54	
28 46 13 31-0721 EA Detector Guard Housing (Siemens DGH-11).....	200.25	14.28
28 46 13 31-0722 EA Small Detector Base (Siemens DB-11E)	50.03	14.28
28 46 13 31-0723 EA Audible Base For Series 3 (Siemens ADBI-60A).....	178.79	14.28
28 46 13 31-0724 EA Base Plug (Siemens DB-11-DP).....	12.29	
28 46 13 31-0725 Air Duct Smoke Detectors (28 46 13 31-0675)		
28 46 13 31-0726 EA Intelligent Remote Duct Relay Module (Siemens DA-X3SR).....	148.62	28.57
28 46 13 31-0727 EA Weatherproof Enclosure For Duct Housing (Siemens EAD-3)	787.92	28.57

28 Electronic Safety and Security**28 40 Life Safety****28 46 Fire Detection and Alarm**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

28 46 13 31-0728		Notification Devices <small>(28 46 13 31-0535)</small>		
28 46 13 31-0729		Synchronization Control Devices <small>(28 46 13 31-0728)</small>		
28 46 13 31-0730	EA	Dual Synchronization Control Module (Siemens DSC).....	222.04	28.57
28 46 13 31-0731		Stand Alone Strobes <small>(28 46 13 31-0728)</small>		
28 46 13 31-0732	EA	Wall Mounted Multi-Candela Strobe (Siemens ZR-MC-R).....	181.71	42.85
28 46 13 31-0733	EA	Wall Mounted High, Multi-Candela Strobe (Siemens ZR-HMC-R).....	198.65	42.85
28 46 13 31-0734	EA	Ceiling Mounted Multi-Candela Strobe (Siemens ZR-MC-CR).....	181.71	42.85
28 46 13 31-0735	EA	Ceiling Mounted High, Multi-Candela Strobe (Siemens ZR-HMC-CR).....	198.65	42.85
28 46 13 31-0736	EA	Ceiling Mounted High Multi-Candela Strobe (Siemens ST-HMC-CW).....	198.65	42.85
28 46 13 31-0737	EA	Ceiling Mounted Multi-Candela Strobe (Siemens ST-MC-CW).....	181.71	42.85
28 46 13 31-0738	EA	Retrofit Plate Multi-Candela Strobe (Siemens ST-MC-RETRO-R).....	211.07	42.85
28 46 13 31-0739	EA	Weatherproof Ceiling Mounted Strobe (Siemens ST-75-CR-WP).....	202.04	42.85
28 46 13 31-0740	EA	Weatherproof Wall Mounted Strobe (Siemens ST-75-R-WP).....	202.04	42.85
28 46 13 31-0741	EA	Weatherproof Ceiling Mounted High Multi-Candela Strobe (Siemens ST-HMC-CR-WP).....	216.72	42.85
28 46 13 31-0742	EA	Weatherproof Wall Mounted High Multi-Candela Strobe (Siemens ST-HMC-R-WP).....	216.72	42.85
28 46 13 31-0743		Horns And Strobes <small>(28 46 13 31-0728)</small>		
28 46 13 31-0744	EA	Wall Mounted Multi-Candela Horn/Strobe (Siemens SE-MC-R).....	248.35	42.85
28 46 13 31-0745	EA	Wall Mounted High Multi-Candela Horn/Strobe (Siemens SE-HMC-R).....	263.03	42.85
28 46 13 31-0746	EA	Wall Mounted Horn (Siemens SE-R).....	141.05	42.85
28 46 13 31-0747	EA	Ceiling Mounted Multi-Candela Horn/Strobe (Siemens SE-MC-CR).....	248.35	42.85
28 46 13 31-0748	EA	Ceiling Mounted High Multi-Candela Horn/Strobe (Siemens SE-HMC-CR).....	263.03	42.85
28 46 13 31-0749	EA	Ceiling Mounted Horn (Siemens SEC-R).....	147.82	42.85
28 46 13 31-0750	EA	Wall Mounted Low Profile Multi-Candela Horn/Strobe (Siemens SEF-MC-R).....	248.35	42.85
28 46 13 31-0751	EA	Wall Mounted Low Profile High Multi-Candela Horn/Strobe (Siemens SEF-HMC-R).....	263.03	42.85
28 46 13 31-0752	EA	Wall Mounted Low Profile Horn (Siemens SEF-R).....	141.05	42.85
28 46 13 31-0753	EA	Ceiling Mounted Low Profile Multi-Candela Horn/Strobe (Siemens SEF-MC-CW).....	248.35	42.85
28 46 13 31-0754	EA	Ceiling Mounted Low Profile High Multi-Candela Horn/Strobe (Siemens SEF-HMC-CW).....	263.03	42.85
28 46 13 31-0755	EA	Ceiling Mounted Low Profile Horn (Siemens SEF-CR).....	147.82	42.85
28 46 13 31-0756	EA	Mini Horn (Siemens MH-R).....	116.20	42.85
28 46 13 31-0757	EA	Indoor/Outdoor Multi Tone Horn (Siemens MTH-R).....	150.08	42.85
28 46 13 31-0758	EA	Indoor/Outdoor Multi Tone, Multi-Candela Horn/Strobe (Siemens MTH-MC-R).....	233.66	42.85
28 46 13 31-0759	EA	Industrial Tri-Tone Horn (Siemens ASR).....	678.69	42.85
28 46 13 31-0760	EA	Wall Mounted Horn (Siemens HS-R).....	150.08	42.85
28 46 13 31-0761	EA	Wall Mounted Multi-Candela Horn/Strobe (Siemens HS-MC-R).....	234.79	42.85
28 46 13 31-0762	EA	Wall Mounted High Multi-Candela Horn/Strobe (Siemens HS-HMC-R).....	252.87	42.85
28 46 13 31-0763	EA	6" Motor Bell (Siemens MBDC-6).....	172.67	42.85
28 46 13 31-0764	EA	10" Motor Bell (Siemens MBDC-10).....	189.61	42.85
28 46 13 31-0765		Mounting Accessories <small>(28 46 13 31-0728)</small>		
28 46 13 31-0766	EA	Concealed Conduit Adapter Plate (Siemens APS-R).....	42.12	14.28
28 46 13 31-0767	EA	4" x 1-1/2" Surface Mounted Back Box (Siemens BBS-R).....	42.12	14.28
28 46 13 31-0768	EA	4" x 2-1/8" Surface Mounted Back Box (Siemens DBBS-R).....	43.25	14.28
28 46 13 31-0769	EA	Red Weatherproof Surface Mount Backbox (Siemens MT-SUR-BOX).....	70.36	14.28
28 46 13 31-0770	EA	White Weatherproof Surface Mount Backbox (Siemens MT-SUR-BOX-W).....	55.68	14.28
28 46 13 31-0771	EA	Surface Mounted Speaker Backbox (Siemens SBBS-R).....	59.07	14.28
28 46 13 31-0772	EA	Surface Mounted Speaker Backbox (Siemens SBL2S-R).....	63.58	14.28
28 46 13 31-0773	EA	Square Semi-Flush Extension Ring (Siemens SERS-R).....	50.03	14.28
28 46 13 31-0774	EA	Semi-Flush Plate (Siemens SFPS-R).....	40.99	14.28
28 46 13 31-0775	EA	Square Surface Backbox (Siemens SHBBS-R).....	50.03	14.28
28 46 13 31-0776	EA	Horn Adapter Plate (Siemens SHMPS-R).....	47.77	14.28
28 46 13 31-0777	EA	Ceiling Speaker Extension Ring (Siemens SPEXT-R).....	42.12	14.28
28 46 13 31-0778	EA	Wall Mounted Surface Mounted Speaker Backbox (Siemens SPSB-R).....	55.68	14.28
28 46 13 31-0779	EA	Wall Mounted Surface Mounted Speaker/Strobe Backbox (Siemens SPSSB-R).....	59.07	14.28
28 46 13 31-0780	EA	Weatherproof Speaker Backbox (Siemens WBBS-R).....	56.81	14.28
28 46 13 31-0781	EA	Weatherproof Speaker Backbox With 3/4" Knockout (Siemens WBBS-R-3/4T-3/4B).....	63.58	14.28
28 46 13 31-0782	EA	Weatherproof Flush Plate (Siemens WFPAS-R).....	63.58	14.28
28 46 13 31-0783	EA	Weatherproof Horn Flush Plate (Siemens WFPS-R).....	63.58	14.28
28 46 13 31-0784	EA	Weatherproof Horn Backbox (Siemens WPBBS-R).....	59.07	14.28
28 46 13 31-0785	EA	Weatherproof Strobe Backbox (Siemens WPSBBS-R).....	59.07	14.28
28 46 13 31-0786	EA	Surface Mounted Weatherproof Backbox Kit (Siemens WPS-KIT).....	42.12	14.28
28 46 13 31-0787	EA	Z Series Backbox (Siemens ZBB-R).....	47.77	14.28
28 46 13 31-0788		Door Holders <small>(28 46 13 31-0728)</small>		
28 46 13 31-0789	EA	120 Volt AC Concealed Wiring Fire Door Holder (Siemens SDH-2A).....	377.11	42.85
28 46 13 31-0790	EA	24 Volt DC Concealed Wiring Fire Door Holder (Siemens SDH-2D).....	377.11	42.85
28 46 13 31-0791		Voice Equipment <small>(28 46 13 31-0535)</small>		
28 46 13 31-0792		Voicecom <small>(28 46 13 31-0791)</small>		
28 46 13 31-0793	EA	Emergency Voice Alarm Communication System, 3.5 Amp Power Supply And Battery Charger, 50W Amplifier, Battery Cables, Main Control Board With One Speaker Circuit, Paging Microphone And Enclosure With Deadfront And Space For Five Modules (Siemens VOICECOM).....	5,790.53	571.32
28 46 13 31-0794	EA	Emergency Voice Alarm Communication System, 3.5 Amp Power Supply And Battery Charger, Two 50W Amplifier, Battery Cables, Main Control Board With One Speaker Circuit, Paging Microphone, Enclosure With Deadfront And Space For 11 Modules, Auxiliary Power Supply, Four PS-AUX Strobe Zone Cables And One AM-25-50 Speaker Zone Cables (Siemens VOICECOM-L).....	9,235.51	571.32

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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28 46 13 31-0795			Johnson Controls Fire Alarm <small>(28 46 13 31)</small>		
28 46 13 31-0796	EA		Intelligent Addressable ION Detector; With FlashScan. (Johnson Controls, Inc. #1951J).....	217.36	42.85
28 46 13 31-0797	EA		Intelligent Addressable Photo Detector; With FlashScan. (Johnson Controls, Inc. #2951J).....	214.91	42.85
28 46 13 31-0798	EA		Intelligent Addressable Photo/Thermal Detector; With FlashScan. (Johnson Controls, Inc. #2951TJ).....	270.99	42.85
28 46 13 31-0799	EA		Accclimate™ Intelligent Photo Thermal Detector; With FlashScan. (Johnson Controls, Inc. #2951TMJ).....	270.21	42.85
28 46 13 31-0800	EA		411UD, 4 Channel Dual. (Johnson Controls, Inc. #411UD).....	758.06	57.13
28 46 13 31-0801	EA		Intelligent Addressable High Temperature Heat Detector; With FlashScan. (Johnson Controls, Inc. #5951HJ).....	204.86	42.85
28 46 13 31-0802	EA		Intelligent Addressable High Temperature Heat Detector; With FlashScan. (Johnson Controls, Inc. #5951J).....	181.65	42.85
28 46 13 31-0803	EA		Intelligent Addressable Rate-of-Rise Thermal Detector; With FlashScan. (Johnson Controls, Inc. #5951RJ).....	176.73	42.85
28 46 13 31-0804	EA		Intelligent Addressable Laser Detector; Low Profile, Use With IFC Series Panels Only. (Johnson Controls, Inc. #7351J).....	554.94	42.85
28 46 13 31-0805	EA		100 Watts Audio Amplifier At 70.7 VRMS With Built-in Tone Generator, 120 Volt AC (Johnson Controls, Inc. #AA-100).....	2,729.65	85.70
28 46 13 31-0806	EA		AUDIO Amplifier, 100 Watts, 230 Voltage AC (Johnson Controls, Inc. #AA-100E).....	2,644.10	85.70
28 46 13 31-0807	EA		120 Watts Audio Amplifier At 25 VRMS With Built-in Tone Generator, 120 Voltage AC (Johnson Controls, Inc. #AA-120).....	2,690.26	85.70
28 46 13 31-0808	EA		AUDIO Amplifier, 120 Watts, 230 Voltage AC (Johnson Controls, Inc. #AA-120E).....	2,575.02	85.70
28 46 13 31-0809	EA		30 Watts Audio Amplifier At 25 VRMS, 120 Voltage AC (Johnson Controls, Inc. #AA-30).....	1,243.72	85.70
28 46 13 31-0810	EA		AUDIO Amplifier, 30 Watts, 230 Voltage AC (Johnson Controls, Inc. #AA-30E).....	1,243.72	85.70
28 46 13 31-0811	EA		Annunciator Control Module With; 16 Red Alarm LED's, 16 Yellow Trouble LED's, And 16 Control Switches, On-line, System Trouble Led, And Local Sounder, Local Acknowledge And Lamp Test Switch, Supports 1, 2 Or 3 AEM-16AT Expander Modules. (Johnson Controls, Inc. #ACM-16AT).....	1,258.96	28.57
28 46 13 31-0812	EA		IFC Series ACS Annunciator; Up To 96 Points Of Annunciation With Alarm Or Active LED, Trouble LED And Switch Per Circuit. Active/Alarm LEDs Can Be Programmed (By Powered Up Switch Selection) By Point To Be Red, Green Or Yellow And The Trouble LED Is Always Yellow. Expandable With One, Two Or Three AEM-24AT's. (Johnson Controls, Inc. #ACM-24AT).....	1,309.75	28.57
28 46 13 31-0813	EA		Annunciator Control Module; Includes 32 Red Alarm LED's, System Trouble LED And On-line LED, Local Acknowledge, Lamp Test Switch, And Local Piezo Sounder, Supports One AEM-32A Expander Module. (Johnson Controls, Inc. #ACM-32A).....	960.23	28.57
28 46 13 31-0814	EA		IFC Series ACS Annunciator; Up To 96 Points Of Annunciation With Alarm Or Active LED Per Circuit. Active/Alarm LEDs Can Be Programmed (By Powered Up Switch Selection) In Groups Of 24 To Be Red, Green Or Yellow. Expandable To 96 Points With One AEM-48A. (Johnson Controls, Inc. #ACM-48A).....	960.23	28.57
28 46 13 31-0815	EA		Annunciator, Relay, Form C. (Johnson Controls, Inc. #ACM-8R).....	675.32	28.57
28 46 13 31-0816	EA		Charger Power Supply - 6 Or 10 Amperes; Mounts In CAB-PS1, CAB-3/4, EQ Cabx, BB-25, Or CHS-PS1; Comes With The PK-PPS Programming Utility. Windows® PC And USB Cable Required For Programming. (Johnson Controls, Inc. #ACPS-610).....	2,186.37	57.13
28 46 13 31-0817	EA		Annunciator Expander Module With: 16 Red Alarm LED's, 16 Yellow Trouble LED's, 16 Control Switches, Cable For Connection To The ACM-16AT Master. (Johnson Controls, Inc. #AEM-16AT).....	960.23	28.57
28 46 13 31-0818	EA		Annunciator Expander Module; 24 Alarm And Trouble LEDs, Expands The ACM-24AT To 48, 72 Or 96 Points. (Johnson Controls, Inc. #AEM-24AT).....	998.41	28.57
28 46 13 31-0819	EA		Annunciator Expander Module With: 32 Red Alarm LED's, Cable For Connection To The ACM-32A Master. (Johnson Controls, Inc. #AEM-32A).....	860.05	28.57
28 46 13 31-0820	EA		Annunciator Expander Module; 48 Alarm LEDs, Expands The ACM-48A To 96 Points. (Johnson Controls, Inc. #AEM-48A).....	860.05	28.57
28 46 13 31-0821	EA		Back Box, Flush Or Surface Mount; Requires A Door And Telephone Chassis. (Johnson Controls, Inc. #AFAWS-BX).....	139.48	25.71
28 46 13 31-0822	EA		Receiver, Multimode Fiber. (Johnson Controls, Inc. #AFL-RM).....	1,312.65	57.13
28 46 13 31-0823	EA		Receiver, Singlemode Fiber. (Johnson Controls, Inc. #AFL-RS).....	2,877.07	57.13
28 46 13 31-0824	EA		Transmit, Multimode Fiber. (Johnson Controls, Inc. #AFL-TM).....	1,312.65	57.13
28 46 13 31-0825	EA		Transmit, Singlemode Fiber. (Johnson Controls, Inc. #AFL-TS).....	2,877.07	57.13
28 46 13 31-0826	EA		Base, Smoke Detector, 2 Wire. (Johnson Controls, Inc. #B110LP).....	49.29	14.28
28 46 13 31-0827	EA		Base, Smoke Detector, Intelligent. (Johnson Controls, Inc. #B224B).....	138.41	14.28
28 46 13 31-0828	EA		Base, Smoke Detector, Intelligent. (Johnson Controls, Inc. #B224RB).....	130.35	14.28
28 46 13 31-0829	EA		Base, Smoke Detector, 2 Wire. (Johnson Controls, Inc. #B401).....	52.73	14.28
28 46 13 31-0830	EA		Intelligent Detector Base, Without Flange. (Johnson Controls, Inc. #B501J).....	47.01	14.28
28 46 13 31-0831	EA		Battery Cabinet, Lockable. (Johnson Controls, Inc. #BB-100).....	953.55	57.13
28 46 13 31-0832	EA		Projected Beam Smoke Detector, Single-ended Reflected Type, Includes Trouble Relay, Transmitter/Receiver In One Unit. (Johnson Controls, Inc. #Beam1224).....	2,243.49	85.70
28 46 13 31-0833	EA		Same As Beam1224 With Built-in Sensitivity Test Filter. (Johnson Controls, Inc. #Beam1224S).....	2,373.00	85.70
28 46 13 31-0834	EA		Mounting Kit, Long RG, Beam. (Johnson Controls, Inc. #BeamLRK).....	261.69	14.28
28 46 13 31-0835	EA		Mounting Kit, Beam Detect. (Johnson Controls, Inc. #BeamMMK).....	175.36	14.28
28 46 13 31-0836	EA		Digital Audio Amplifier, 50 Watts, 25 VRMS (Johnson Controls, Inc. #DAA-5025).....	2,245.39	85.70
28 46 13 31-0837	EA		Digital Audio Amplifier, 50 Watts, 25 VRMS, Multi-Fiber (Johnson Controls, Inc. #DAA-5025F).....	2,070.81	85.70
28 46 13 31-0838	EA		Digital Audio Amplifier, 50 Watts, 25 VRMS, Single-Fiber (Johnson Controls, Inc. #DAA-5025SF).....	2,070.81	85.70
28 46 13 31-0839	EA		Digital Audio Amplifier, 50 Watts, 70 VRMS (Johnson Controls, Inc. #DAA-5070).....	2,433.98	85.70
28 46 13 31-0840	EA		Amplifier, Digital Audio. (Johnson Controls, Inc. #DAA-5070E).....	2,243.49	85.70
28 46 13 31-0841	EA		Digital Audio Amplifier, 50 Watts, 70 VRMS, Multi-Fiber (Johnson Controls, Inc. #DAA-5070F).....	2,243.49	85.70
28 46 13 31-0842	EA		Digital Audio Amplifier, 50 Watts, 70 VRMS, Single-Fiber (Johnson Controls, Inc. #DAA-5070SF).....	2,243.49	85.70
28 46 13 31-0843	EA		Digital Audio Amplifier, 75 Watts, 25 VRMS (Johnson Controls, Inc. #DAA-7525).....	2,687.51	85.70
28 46 13 31-0844	EA		Digital Audio Amplifier, 75 Watts, 25 VRMS, Multi Fiber (Johnson Controls, Inc. #DAA-7525F).....	2,687.51	85.70
28 46 13 31-0845	EA		Digital Audio Amplifier, 75 Watts, 25 VRMS, Single Fiber (Johnson Controls, Inc. #DAA-7525SF).....	2,687.51	85.70
28 46 13 31-0846	EA		Innovairflex Intelligent. (Johnson Controls, Inc. #DNR).....	274.82	28.57
28 46 13 31-0847	EA		Innovairflex Duct Detect. (Johnson Controls, Inc. #DNRW).....	425.81	28.57
28 46 13 31-0848	EA		Innovairflex Sample Tube. (Johnson Controls, Inc. #DST1).....	36.61	11.43
28 46 13 31-0849	EA		Innovairflex Sample Tube. (Johnson Controls, Inc. #DST1.5).....	40.16	11.43
28 46 13 31-0850	EA		Innovairflex Sample Tube. (Johnson Controls, Inc. #DST10).....	100.70	17.14
28 46 13 31-0851	EA		Innovairflex Sample Tube. (Johnson Controls, Inc. #DST3).....	48.12	11.43
28 46 13 31-0852	EA		Innovairflex Sample Tube. (Johnson Controls, Inc. #DST5).....	59.38	14.28
28 46 13 31-0853	EA		Digital Voice Command, Analog Output. (Johnson Controls, Inc. #DVC-AO).....	428.36	28.57
28 46 13 31-0854	EA		Digital Voice Command, Keypad. (Johnson Controls, Inc. #DVC-KD).....	710.02	57.13
28 46 13 31-0855	EA		Equipment Cabinet Used To House DAA Digital Amplifiers, XP10/6 Series Transponders, AA-Amplifiers, ACPS-610 Or Amperes-24; B Size, Black. (Johnson Controls, Inc. #EQBB-B4).....	580.91	85.70
28 46 13 31-0856	EA		Equipment Cabinet Used To House DAA Digital Amplifiers, XP10/6 Series Transponders, AA-Amplifiers, ACPS-610 Or Amperes-24; C Size, Black. (Johnson Controls, Inc. #EQBB-C4).....	813.44	85.70

28 Electronic Safety and Security**28 40 Life Safety****28 46 Fire Detection and Alarm**

MINOR	UNIT	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0857	EA	Equipment Cabinet Used To House DAA Digital Amplifiers, XP10/6 Series Transponders, AA-Amplifiers, ACPS-610 Or AMPS-24; D Size, Black. (Johnson Controls, Inc. #EQBB-D4).....	891.15	85.70
28 46 13 31-0858	EA	Equipment Cabinet Door; B Size Black. (Johnson Controls, Inc. #EQDR-B4).....	479.22	11.43
28 46 13 31-0859	EA	Equipment Cabinet Door; C Size Black. (Johnson Controls, Inc. #EQDR-C4).....	723.89	11.43
28 46 13 31-0860	EA	Equipment Cabinet Door; D Size Black. (Johnson Controls, Inc. #EQDR-D4).....	795.85	11.43
28 46 13 31-0861	EA	6.0 Amperes, 120 Volt AC Remote Charger Power Supply (Johnson Controls, Inc. #FCPS-24S6)..... Note: Includes Main Printed Circuit Board, Transformers And Installation Instructions	935.04	114.27
28 46 13 31-0862	EA	8 Amperes, 120 Volt AC Remote Charger Power Supply (Johnson Controls, Inc. #FCPS-24S8)..... Note: Includes Main Printed Circuit Board, Transformers And Installation Instructions	1,239.82	114.27
28 46 13 31-0863	EA	80 Character Display Annunciator. "Security Keypad" Mechanical Design. For Use With The IFC-320, JCPU2-640, JCPU-640 And IFC-400/300 (Rev 3.62+) Only. (Johnson Controls, Inc. #FDU-80G).....	1,181.56	85.70
28 46 13 31-0864	EA	Fireman's Telephone Hand Set. (Johnson Controls, Inc. #FHS).....	218.52	14.28
28 46 13 31-0865	EA	Fire Phone Storage Cabinet, Recessed, Holds 6 Phones. (Johnson Controls, Inc. #FHSC-R).....	621.78	28.57
28 46 13 31-0866	EA	Door Holder, Magnetic, Floor. (Johnson Controls, Inc. #FM980).....	322.11	42.85
28 46 13 31-0867	EA	Door Holder, Magnetic, Wall. (Johnson Controls, Inc. #FM996).....	260.87	42.85
28 46 13 31-0868	EA	Door Holder, Magnetic, Wall. (Johnson Controls, Inc. #FM998).....	274.81	42.85
28 46 13 31-0869	EA	Addressable Beam Detector. (Johnson Controls, Inc. #FSB-200).....	2,292.87	57.13
28 46 13 31-0870	EA	Addressable Beam Detector With Remote Test Feature. (Johnson Controls, Inc. #FSB-200S).....	2,803.91	57.13
28 46 13 31-0871	EA	Intelligent Addressable HARSH (Hostile Area Smoke Head) Detector; Photo, Requires B501B-FTXJ Base. (Johnson Controls, Inc. #FTX-P2J).....	844.41	28.57
28 46 13 31-0872	EA	IFC-320 Intelligent Fire Alarm Panel; Single Printed Circuit Board With One SLC Loop (318 Devices), Back-lit, 80 Character Display, System And Programming Keypad And 6.0 Amperes Power Supply, 120 Volt AC, (Johnson Controls, Inc. #IFC-320)..... Note: Includes Door, Dress Panel And Back Box, Black	5,683.90	457.05
28 46 13 31-0873	EA	Upgrade Kit, ORG BLD, 640. (Johnson Controls, Inc. #IFC-640UG).....	2,828.72	57.13
28 46 13 31-0874	EA	Workstation Only Workstation GUI Software And Hardware Package. (Johnson Controls, Inc. #IFI).....	37,277.33	685.58
28 46 13 31-0875	EA	Workstation With NFN Fiber PC Card Workstation GUI Software And Hardware Package. Includes NFN Gateway (JNFN-GW-PC-F) Fiber Version. (Johnson Controls, Inc. #IFI-F).....	40,730.83	685.58
28 46 13 31-0876	EA	Workstation With Echelon Wire PC Card Workstation GUI Software And Hardware Package For Building Systems Integration, WSSUP Workstation Supervisor. Includes Echelon® Gateway (ECH-GW-PC-W) Wire Version. (Johnson Controls, Inc. #IFI-IP).....	45,911.09	685.58
28 46 13 31-0877	EA	Workstation With NFN Wire PC Card Workstation GUI Software And Hardware Package. Includes NFN Gateway (JNFN-GW-PC-W) Wire Version. (Johnson Controls, Inc. #IFI-W).....	40,730.83	685.58
28 46 13 31-0878	EA	Annunciator Flush Box. Mounts One Annunciator Module. (Johnson Controls, Inc. #JABF-1B).....	272.57	17.14
28 46 13 31-0879	EA	Annunciator Flush Box. One Module. Attractive Glass Door And Key Lock. (Johnson Controls, Inc. #JABF-1DB).....	307.11	17.14
28 46 13 31-0880	EA	Annunciator Flush Box. Mounts Two Annunciator Modules. (Johnson Controls, Inc. #JABF-2B).....	334.74	17.14
28 46 13 31-0881	EA	Annunciator Flush Box. Mounts Four Annunciator Modules. (Johnson Controls, Inc. #JABF-4B).....	628.29	17.14
28 46 13 31-0882	EA	Annunciator Surface Box. Deep With Trim Cover. (Johnson Controls, Inc. #JABS-1TB).....	202.42	11.43
28 46 13 31-0883	EA	Surface (or Semi-flush) Mount Backbox. Used With The INA, ACS Annunciators, SCS Series, JNCA And JNCA-2 Black. (Johnson Controls, Inc. #JABS-2D).....	314.46	25.71
28 46 13 31-0884	EA	Surface (or Semi-flush) Mount Backbox. Used With The INA, ACS Annunciators, SCS Series, JNCA And JNCA-2 Red. (Johnson Controls, Inc. #JABS-2DR).....	334.27	25.71
28 46 13 31-0885	EA	Surface (or Semi-flush) Mount INA, ACS, Or SCS Backbox, Black. (Johnson Controls, Inc. #JABS-4D).....	617.78	25.71
28 46 13 31-0886	EA	Audio Command Door For CAB-B4, Black; Required When Using CA-2. (Johnson Controls, Inc. #JADDR-B4).....	618.60	11.43
28 46 13 31-0887	EA	Audio Command Door For CAB-C4, Black; Required When Using CA-2. (Johnson Controls, Inc. #JADDR-C4).....	834.44	11.43
28 46 13 31-0888	EA	Audio Command Door For CAB-D4, Black; Required When Using CA-2. (Johnson Controls, Inc. #JADDR-D4).....	1,033.02	11.43
28 46 13 31-0889	EA	Addressable Pull Station; With FlashScan. (Johnson Controls, Inc. #JBG-12LX).....	286.21	28.57
28 46 13 31-0890	EA	Battery Dress Panel For CAB-4 Series; For Use With The JCPU2-3030, JCPU2-640, JNCA-2, And DVC Systems. (Johnson Controls, Inc. #JBP2-4).....	133.90	11.43
28 46 13 31-0891	EA	JCPU2-3030 CPU With 640-character Display; Required For Single Panel (One CPU2-3030) Systems. Includes: CPU, 640-Character Backlit LCD Display, QWERTY Programming And Control Keypad, Installation, Programming And Operating Manuals. Supports One To 10 Signaling Line Circuits (Up To Five LCM-320 And Five LEM-320). Order One Per System Or As Necessary (Up To 103 Network Nodes) For A Networked System. Requires Top Row Of A Cabinet. (Johnson Controls, Inc. #JCPU2-3030D).....	5,670.84	457.05
28 46 13 31-0892	EA	Central Processing Unit For The JCPU2-640 With Integral 120 Volt AC Power Supply (Johnson Controls, Inc. #JCPU2-640)..... Note: Includes CHS2-M2 Chassis	4,091.77	342.79
28 46 13 31-0893	EA	Main Board, CPU, IFC3030, DI. (Johnson Controls, Inc. #JCPU-3030D).....	7,385.16	457.05
28 46 13 31-0894	EA	Main Board, CPU, IFC640. (Johnson Controls, Inc. #JCPU-640).....	7,109.22	342.79
28 46 13 31-0895	EA	Main Board, CPU, IFC640, EUR. (Johnson Controls, Inc. #JCPU-640E).....	5,106.55	342.79
28 46 13 31-0896	EA	Digital Voice Command, Extended Memory. (Johnson Controls, Inc. #JDVC-EM).....	2,819.68	42.85
28 46 13 31-0897	EA	Digital Voice Command, Extended Memory, Multi-Fiber. (Johnson Controls, Inc. #JDVC-EMF).....	2,848.50	42.85
28 46 13 31-0898	EA	Digital Voice Command, Extended Memory, Single-Fiber. (Johnson Controls, Inc. #JDVC-EMSF).....	2,848.50	42.85
28 46 13 31-0899	EA	Annunciator, Network Control. (Johnson Controls, Inc. #JNCA).....	3,370.08	57.13
28 46 13 31-0900	EA	Network Control Annunciator-2, 640-characters; On Single Panel (one JCPU2-640) JCPU2-640 Systems, The JNCA-2 Can Be The Primary Display For The Panel And Connects Directly To The JCPU2-640. On Network Systems (Two Or More JCPU2-640's), One Network Display (Either JNCA-2 Or IFW) Is Required For Every System And Each JNCA-2 Connects To And Requires An NCM Network Control Module. Mounts In A Row Of FACP Node Or In Two Annunciator Module Positions. (Johnson Controls, Inc. #JNCA-2)..... Note: Mounting Includes: NCA/640-2-Kit (directly Mounting To The CHS2-M2), CA-2, ADP-4B, Or In An Annunciator Box, Such As The ABS-2DB (requires The CHS-2D).	2,854.62	57.13
28 46 13 31-0901	EA	Mass Notification Voice Paging; Requires JNOTIFY-PAA Hardware Package (Sold Separately). (Johnson Controls, Inc. #JNOTIFY-IP).....	2,412.34	342.79
28 46 13 31-0902	EA	160 Character Display Annunciator; For Use With JCPU-3030 And JCPU2-3030. (Johnson Controls, Inc. #LCD-160).....	2,025.13	57.13
28 46 13 31-0903	EA	80 Character LCD Annunciator. Mounts In ABS-1T, ABF-1D, ABF-2D, Or Flush Back Box. (Johnson Controls, Inc. #LCD-80).....	1,664.17	57.13
28 46 13 31-0904	EA	Loop Control Module. Each LCM May Be Expanded To Two Loops By Adding A LEM-320. IFC2- 3030 And IFC-3030 Only. (Johnson Controls, Inc. #LCM-320).....	2,684.34	57.13
28 46 13 31-0905	EA	Lamp Driver Annunciator Control Module. For Use With Custom Graphic Annunciators. 32 Points. (Johnson Controls, Inc. #LDM-32).....	831.49	14.28
28 46 13 31-0906	EA	Cable 24": LDM TO Annunciator. (Johnson Controls, Inc. #LDM-CBL24).....	266.30	11.43
28 46 13 31-0907	EA	Cable 48": LDM TO Annunciator. (Johnson Controls, Inc. #LDM-CBL48).....	328.47	11.43
28 46 13 31-0908	EA	Lamp Driver Annunciator Expander Module. For Use With Custom Graphic Annunciators. 32 Points. (Johnson Controls, Inc. #LDM-E32).....	669.21	14.28
28 46 13 31-0909	EA	Relay Module. 32 Form-A Contacts. Connects To LDM-32 Or LDM-E32. (Johnson Controls, Inc. #LDM-R32).....	1,230.40	14.28
28 46 13 31-0910	EA	Loop Expander Module. Mounts As Daughter Board To LCM-320 To Provide Even Numbered SLC Loops. (Johnson Controls, Inc. #LEM-320).....	2,231.51	14.28

MINOR	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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28 46 13 31-0911	EA	Addressable Control Module With FlashScan; Configured For One Class A Or Class B NAC. (Johnson Controls, Inc. #M300CJ).....	172.56	14.28
28 46 13 31-0912	EA	Addressable Dual Monitor Module; With FlashScan, Two Class B Circuits. (Johnson Controls, Inc. #M300DJ).....	276.51	14.28
28 46 13 31-0913	EA	Addressable Monitor Module; With FlashScan; Supervises Either A Class A Or Class B Circuit Of N.D. Dry-contact Input Devices. (Johnson Controls, Inc. #M300MJ).....	134.90	14.28
28 46 13 31-0914	EA	Addressable Relay Module With FlashScan; Provides Two Form-C Dry Contacts That Switch Together. (Johnson Controls, Inc. #M300RJ).....	190.35	14.28
28 46 13 31-0915	EA	Addressable Mini Module With FlashScan; Supervises A Class B Circuit Of N.D. Dry-contact Devises. (Johnson Controls, Inc. #M301MJ).....	149.46	14.28
28 46 13 31-0916	EA	Addressable 2-Wire Detector Monitor Module; With FlashScan. (Johnson Controls, Inc. #M302MJ).....	245.37	14.28
28 46 13 31-0917	EA	Addressable Firephone Control Module With Flashscan. (Johnson Controls, Inc. #M500FPJ).....	280.19	14.28
28 46 13 31-0918	EA	SLC Loop Isolator Module; Isolates Against Short Circuits On The SLC. (Johnson Controls, Inc. #M500XJ).....	156.87	14.28
28 46 13 31-0919	EA	Network INTFC, P2P, Wire. (Johnson Controls, Inc. #MIB-W).....	2,351.19	42.85
28 46 13 31-0920	EA	Network Adapter, Fiber. (Johnson Controls, Inc. #NAM-232F).....	2,092.95	28.57
28 46 13 31-0921	EA	Network Adapter, Wire. (Johnson Controls, Inc. #NAM-232W).....	1,934.10	28.57
28 46 13 31-0922	EA	Plate, Retrofit, NCA-2. (Johnson Controls, Inc. #NCA-2RETRO).....	71.86	5.71
28 46 13 31-0923	EA	Network Control Module - Multi Mode Fiber; Order One NCM Per Network Node (JCPU-640/3030, JNCA, JCPU2-640/3030, JNCA-2, DVC, Etc). (Johnson Controls, Inc. #NCM-F).....	1,691.34	28.57
28 46 13 31-0924	EA	Network Control Module - Wire; Order One NCM Per Network Node (JCPU-640/3030, JNCA, JCPU2-640/3030, JNCA-2, DVC, Etc). (Johnson Controls, Inc. #NCM-W).....	1,610.30	28.57
28 46 13 31-0925	EA	NFV-25/50. (Johnson Controls, Inc. #NFV-25/50).....	4,114.02	57.13
28 46 13 31-0926	EA	NU-RPT101-1U RS485. (Johnson Controls, Inc. #NU-RPT101-1U).....	1,140.51	28.57
28 46 13 31-0927	EA	Key Switch, Remote Control. (Johnson Controls, Inc. #RKS-S).....	311.20	11.43
28 46 13 31-0928	EA	Microphone Assembly For Mounting To An ADP-4 Dress Panel. (Johnson Controls, Inc. #RM-1).....	718.49	28.57
28 46 13 31-0929	EA	Microphone Assembly For Mounting In An CAB-RM Cabinet. (Johnson Controls, Inc. #RM-1SA).....	718.49	28.57
28 46 13 31-0930	EA	Remote Page Jack. Allows Remote All-Call Paging. (Johnson Controls, Inc. #RPJ-1).....	192.08	11.43
28 46 13 31-0931	EA	SA-WBB, Weatherproof. (Johnson Controls, Inc. #SA-WBB).....	50.48	5.71
28 46 13 31-0932	EA	SA-WBBC, Weatherproof. (Johnson Controls, Inc. #SA-WBBC).....	50.48	5.71
28 46 13 31-0933	EA	Strobe, Standard, 12/24 Volt DC, Red (Johnson Controls, Inc. #SCR).....	189.32	42.85
28 46 13 31-0934	EA	Strobe, HI, 12/24 Volt DC, Red (Johnson Controls, Inc. #SCRH).....	213.48	42.85
28 46 13 31-0935	EA	Strobe, HI, Outdoor, Red. (Johnson Controls, Inc. #SCRHK).....	252.54	48.56
28 46 13 31-0936	EA	Strobe, Standard, Outdoor, Red. (Johnson Controls, Inc. #SCRK).....	249.07	48.56
28 46 13 31-0937	EA	Smoke Control Master; Includes Eight On/off/auto Switches. Supports One SCE-8. Includes Manual, Slide-in Labels. Mounts In ADP-4 Or ABS-4D. (Johnson Controls, Inc. #SCS-8).....	1,711.82	114.27
28 46 13 31-0938	EA	Smoke Control Lamp Driver. Outputs For 8 On/off/auto Switches With LED's. Intended For Custom Built Smoke Control Stations. Support One SCE-8L. (Johnson Controls, Inc. #SCS-8L).....	1,331.92	114.27
28 46 13 31-0939	EA	Strobe, Standard, 12/24 Volt DC, White (Johnson Controls, Inc. #SCW).....	189.32	42.85
28 46 13 31-0940	EA	Strobe, HI, 12/24 Volt DC, Red (Johnson Controls, Inc. #SCWH).....	213.48	42.85
28 46 13 31-0941	EA	Strobe, Standard, 12/24 Volt DC, White (Johnson Controls, Inc. #SCW-P).....	189.32	42.85
28 46 13 31-0942	EA	Mounting Kit, M300/M500. (Johnson Controls, Inc. #SMB500).....	33.81	11.43
28 46 13 31-0943	EA	SMK-MOV Kit-LON. (Johnson Controls, Inc. #SMK-MOVKit-LON).....	39.14	5.71
28 46 13 31-0944	EA	SMK-MOV Kit-MSTP. (Johnson Controls, Inc. #SMK-MOVKit-MSTP).....	44.69	5.71
28 46 13 31-0945	EA	SPBBS, Wall, Back Box. (Johnson Controls, Inc. #SPBBS).....	39.19	5.71
28 46 13 31-0946	EA	Strobe, Standard, 12/24 Volt DC, Red (Johnson Controls, Inc. #SR).....	172.66	42.85
28 46 13 31-0947	EA	Strobe, HI, 12/24 Volt DC, Red (Johnson Controls, Inc. #SRH).....	213.48	42.85
28 46 13 31-0948	EA	Strobe, HI, Outdoor, Red. (Johnson Controls, Inc. #SRHK).....	252.54	48.56
28 46 13 31-0949	EA	Strobe, HI, 12/24 Volt DC, Red (Johnson Controls, Inc. #SRH-P).....	213.48	42.85
28 46 13 31-0950	EA	Strobe, Standard, Outdoor, Red. (Johnson Controls, Inc. #SRK).....	249.07	48.56
28 46 13 31-0951	EA	Strobe, Standard, 12/24 Volt DC, Red (Johnson Controls, Inc. #SR-P).....	189.32	42.85
28 46 13 31-0952	EA	Strobe, Standard, 12/24 Volt DC, White (Johnson Controls, Inc. #SW).....	189.32	42.85
28 46 13 31-0953	EA	Strobe, HI, 12/24 Volt DC, White (Johnson Controls, Inc. #SWH).....	213.48	42.85
28 46 13 31-0954	EA	Strobe, HI, 12/24 Volt DC, White (Johnson Controls, Inc. #SWH-P).....	213.48	42.85
28 46 13 31-0955	EA	Strobe, Standard, 12/24 Volt DC, White (Johnson Controls, Inc. #SW-P).....	189.32	42.85
28 46 13 31-0956	EA	Firefighter's Telephone Handset Only. (Johnson Controls, Inc. #TELH-1).....	268.58	14.28
28 46 13 31-0957	EA	Universal Digital Alarm Communicator Transmitter. (Johnson Controls, Inc. #UDACT).....	1,186.13	57.13
28 46 13 31-0958	EA	Speaker Strobe, Ceiling, White, 2 W (MAX), Dual Voltage, Multi (Johnson Controls, Inc. #SPSCW).....	281.60	57.13
28 46 13 31-0959	EA	Speaker, White, Ceiling Mount. (Johnson Controls, Inc. #SPCW).....	119.80	28.57
28 46 13 31-0960	EA	Speaker, White, Ceiling Mount, High Db. (Johnson Controls, Inc. #SPCWV).....	119.80	28.57
28 46 13 31-0961	EA	Speaker Strobe, Red, Ceiling Mount, Standard Candela. (Johnson Controls, Inc. #SPSCR).....	224.46	28.57
28 46 13 31-0962	EA	Speaker Strobe, Red, Ceiling Mount, High Candela. (Johnson Controls, Inc. #SPSCRH).....	244.48	28.57
28 46 13 31-0963	EA	Speaker Strobe, Red, Ceiling Mount, High Candela, High Db. (Johnson Controls, Inc. #SPSCRHV).....	244.48	28.57
28 46 13 31-0964	EA	Speaker Strobe, White, Ceiling Mount, High Db. (Johnson Controls, Inc. #SPSCWV).....	216.51	28.57
28 46 13 31-0965	EA	Speaker Strobe Wall, WP, White, 2W (MAX), Dual Volt, Multi D (Johnson Controls, Inc. #SPSWK).....	296.66	28.57
28 46 13 31-0966	EA	Speaker Strobe, Wall, White, Standard Candela. (Johnson Controls, Inc. #SPSW).....	224.46	28.57
28 46 13 31-0967	EA	Wall Mount Speaker, White. (Johnson Controls, Inc. #SPW).....	119.80	28.57
28 46 13 31-0968	EA	Wall Mount Speaker, Red. (Johnson Controls, Inc. #SPR).....	119.80	28.57
28 46 13 31-0969	EA	Speaker Strobe, Wall, White, High Cd. (Johnson Controls, Inc. #SPSWH).....	244.48	28.57
28 46 13 31-0970	EA	Speaker Strobe, Wall, Red, High Cd. (Johnson Controls, Inc. #SPSR).....	224.46	28.57
28 46 13 31-0971	EA	Speaker Strobe, Wall, Red, High Db, High Candela. (Johnson Controls, Inc. #SPSRV).....	224.46	28.57

28 46 13 31-0972 Honeywell Fire Alarm (28 46 13 31)

28 46 13 31-0973 Notifier Fire Alarm (28 46 13 31-0972)

28 46 13 31-0974 Fire Alarm Control Panel And Accessories (28 46 13 31-0973)

28 46 13 31-0975	EA	NFS2-3030 CPU For Intelligent Fire Alarm Control Panel (Notifier CPU2-3030D).....	5,180.78	571.32
28 46 13 31-0976	EA	NFS2-640 CPU For Intelligent Fire Alarm Control Panel (Notifier CPU2-640).....	4,341.42	571.32
28 46 13 31-0977	EA	Central Processing Unit for NFS2-640 With Integral 240 Volt Power Supply Includes Chassis (Notifier CPU2-640E).....	4,181.81	571.32
28 46 13 31-0978	EA	Black, 120 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320).....	5,170.91	571.32
28 46 13 31-0979	EA	Supports Installation Of Optional ACM-Series Annunciator In Same Cabinet, Black, 120 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320C).....	5,299.79	571.32
28 46 13 31-0980	EA	Black, 240 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320E).....	5,169.62	571.32
28 46 13 31-0981	EA	Red, 120 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320R).....	5,045.32	571.32
28 46 13 31-0982	EA	Two-Tone Sequential Module (Notifier 2TTM).....	330.20	28.57
28 46 13 31-0983	EA	5', Not Low Loss, Antenna Cable (Notifier 7626-5C).....	82.88	5.71

28 Electronic Safety and Security**28 40 Life Safety****28 46 Fire Detection and Alarm**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

28 46 13 31-0984	EA	25', Low Loss, Antenna Cable (Notifier 7626-25HC)	158.89	11.43
28 46 13 31-0985	EA	50', Low Loss, Antenna Cable (Notifier 7626-50HC)	241.28	17.14
28 46 13 31-0986	EA	IPGSM-COM, IPGSM-COMa Handheld Programmer (Notifier 7720P)	379.75	
28 46 13 31-0987	EA	RJ45-DB9F Serial Programming Cable (Notifier ALMSC-119)	74.71	
28 46 13 31-0988	EA	120 Volt AC Power Supply, Chassis, 80-Character Display, Keypad, NFS-320SYS CPU (Notifier CPU-320SYS)	4,947.44	571.32
28 46 13 31-0989	EA	240 Volt AC Power Supply, Chassis, 80-Character Display, Keypad, NFS-320SYS CPU (Notifier CPU-320SYS)	4,995.40	571.32
28 46 13 31-0990	EA	3 dB Gain External/Remote Antenna (Notifier GSM-ANT3dB)	204.24	5.71
28 46 13 31-0991	EA	Plug In Transformer Box For IPGSM Communicator (Notifier HPTCOVER)	63.30	5.71
28 46 13 31-0992	EA	Mounting Bracket Kit For SFB-5UD, SFB-10UD, NFW2-100 And NFW-50 (Notifier IPBRKT)	90.14	11.43
28 46 13 31-0993	EA	Chassis To Mount IP Communicator In CHSA Series Chassis (Notifier IPCHSKIT)	89.25	14.28
28 46 13 31-0994	EA	IP Communicator (Notifier IPDACT-2)	663.95	28.57
28 46 13 31-0995	EA	IP Communicator With Upload/Download Capability (Notifier IPDACT-2UD)	769.65	28.57
28 46 13 31-0996	EA	Red, IP Communicator External Mounting Enclosure (Notifier IPENC)	182.41	28.57
		Note: Includes IPBRKT.		
28 46 13 31-0997	EA	Black, IP Communicator External Mounting Enclosure (Notifier IPENC-B)	181.92	28.57
		Note: Includes IPBRKT		
28 46 13 31-0998	EA	Dual 8TPC To Single 8TPC Y-Splitter With Two 9' Cables For Combining Panel Phone Jacks To One IPDACT Input (Notifier IPSPLT)	47.02	11.43
28 46 13 31-0999	EA	Loop Control Module (Notifier LCM-320)	1,769.94	57.13
28 46 13 31-1000	EA	Loop Expander Module (Notifier LEM-320)	1,521.70	57.13
28 46 13 31-1001	EA	Keyboard Display Module For CPU2-640 (Notifier KDM-R2)	1,347.52	57.13
28 46 13 31-1002	EA	7' DACT Phone Cord (Notifier MCBL-7)	22.88	
28 46 13 31-1003	EA	Backbox For UDACT, With Viewing Window And Optional Relay Mount (Notifier UBS-1)	191.53	14.28
28 46 13 31-1004	EA	Red, Metal Enclosure With Solid Door For Remote Mounting Of The UDACT-2 (Notifier UBS-1R)	220.09	28.57
28 46 13 31-1005	EA	Black, Metal Enclosure With Solid Door For Remote Mounting Of The UDACT-2 (Notifier UBS-1B)	220.09	28.57
28 46 13 31-1006	EA	Universal Digital Alarm Communicator Transmitter (Notifier UDACT-2)	698.98	28.57
28 46 13 31-1007	EA	Universal Zone Coder (Notifier UZC-256)	970.95	28.57
28 46 13 31-1008	EA	Hardware Kit To Connect UZC-256 To A PC (Notifier UZC-HI)	302.44	
		Note: Includes null modem cable, AC power adapter, and 9-pin to 25-pin converter.		
28 46 13 31-1009	EA	Programming Software For ONYX Series Products, DVC And Associated Amplifiers, DVC-RPU And UDACT-2 (Notifier VERIFIRE-TCD)	876.06	
28 46 13 31-1010	EA	ONYX Series Verifire Tools Upgrade (Notifier VERIFIREUG-TCD)	552.29	
28 46 13 31-1011	EA	Central Station Receiver For Fire And Security (Notifier VISORALARM-PLUS)	4,286.09	17.14
28 46 13 31-1012	EA	Surface Back Box For NBG-12LRA (Notifier SBA-10)	50.20	14.28
28 46 13 31-1013	EA	Up To 50 Addressable Devices Supported, Addressable Fire Alarm Control Panel (Notifier NFW-50X)	2,169.78	571.32
28 46 13 31-1014	EA	Up To 198 Addressable Devices Supported, Addressable Fire Alarm Control Panel (Notifier NFW-100X)	3,182.59	571.32

28 46 13 31-1015**ONYX Cabinets (28 46 13 31-0973)**

28 46 13 31-1016	EA	Red, Two Tier Door For CA-2 Chassis Configuration (Notifier ADDR-B4R)	599.83	14.28
28 46 13 31-1017	EA	Red, Three Tier Door For CA-2 Chassis Configuration (Notifier ADDR-C4R)	805.29	14.28
28 46 13 31-1018	EA	Red, Four Tier Door For CA-2 Chassis Configuration (Notifier ADDR-D4R)	995.19	14.28
28 46 13 31-1019	EA	Battery Dress Plate For NFS-640 And NFS-3030 (Notifier BP-4)	115.52	17.14
28 46 13 31-1020	EA	Chassis Bridge (Notifier CB-1)	104.67	14.28
28 46 13 31-1021	EA	Four Position Chassis (Notifier CHS-4)	173.91	14.28
28 46 13 31-1022	EA	Low Profile 1st Row Chassis Assembly For CPU-640 / CPU-640E (Notifier CHS-M2)	186.60	28.57
28 46 13 31-1023	EA	Black, Dress Panel Blank, Covers Unused Cabinet Row(s) (Notifier DP-1B)	102.30	17.14
28 46 13 31-1024	EA	Dress Plate For Top Row With CPU2-3030D (Notifier DP-DISP)	128.97	17.14
28 46 13 31-1025	EA	One Tier, "A" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-A4)	338.01	28.57
28 46 13 31-1026	EA	One Tier, "A" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-A4B)	218.42	28.57
28 46 13 31-1027	EA	Two Tier, "B" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-B4)	430.22	42.85
28 46 13 31-1028	EA	Two Tier, "B" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-B4B)	271.13	42.85
28 46 13 31-1029	EA	Three Tier, "C" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-C4)	639.83	57.13
28 46 13 31-1030	EA	Three Tier, "C" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-C4B)	397.35	57.13
28 46 13 31-1031	EA	Four Tier, "D" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-D4)	777.00	71.42
28 46 13 31-1032	EA	Four Tier, "D" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-D4B)	463.20	71.42
28 46 13 31-1033	EA	Black, One Tier, "AA" Size Door Assembly With Window, Lock And Keys (Notifier DR-AA4)	273.25	14.28
28 46 13 31-1034	EA	Black, One Tier, "AA" Size Door Assembly, Lock And Keys (Notifier DR-AA4B)	189.08	14.28
28 46 13 31-1035	EA	Red, One Tier, "AA" Size Door Assembly, Lock And Keys (Notifier DR-AA4BR)	189.08	14.28
28 46 13 31-1036	EA	Red, One Tier, "AA" Size Door Assembly With Window, Lock And Keys (Notifier DR-AA4R)	278.15	14.28
28 46 13 31-1037	EA	Red, One Tier, "A" Size Blank Door Assembly, Lock And Keys (Notifier DR-A4BR)	212.57	14.28
28 46 13 31-1038	EA	Red, One Tier, "A" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-A4R)	351.55	14.28
28 46 13 31-1039	EA	Red, Two Tier, "B" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-B4BR)	241.45	14.28
28 46 13 31-1040	EA	Red, Two Tier, "B" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-B4R)	418.11	14.28
28 46 13 31-1041	EA	Red, Three Tier, "C" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-C4BR)	345.68	14.28
28 46 13 31-1042	EA	Red, Three Tier, "C" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-C4R)	618.75	14.28
28 46 13 31-1043	EA	Red, Four Tier, "D" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-D4BR)	386.79	14.28
28 46 13 31-1044	EA	Red, Four Tier, "D" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-D4R)	740.11	14.28
28 46 13 31-1045	EA	Black, Two Tiers, Equipment Backbox Assembly (Notifier EQBB-B4)	361.52	28.57
28 46 13 31-1046	EA	Black, Three Tiers, Equipment Backbox Assembly (Notifier EQBB-C4)	529.86	28.57
28 46 13 31-1047	EA	Black, Four Tiers, Equipment Backbox Assembly (Notifier EQBB-D4)	619.91	28.57
28 46 13 31-1048	EA	Black, Vented, Two Tiers, Equipment Door Assembly (Notifier EQDR-B4)	378.16	28.57
28 46 13 31-1049	EA	Black, Vented, Three Tiers, Equipment Door Assembly (Notifier EQDR-C4)	567.05	28.57
28 46 13 31-1050	EA	Black, Vented, Four Tiers, Equipment Door Assembly (Notifier EQDR-D4)	661.01	28.57
28 46 13 31-1051	EA	Red, Two Tiers, Equipment Backbox Assembly (Notifier EQBB-B4R)	364.45	28.57
28 46 13 31-1052	EA	Red, Three Tiers, Equipment Backbox Assembly (Notifier EQBB-C4R)	529.86	28.57
28 46 13 31-1053	EA	Red, Four Tiers, Equipment Backbox Assembly (Notifier EQBB-D4R)	627.74	28.57
28 46 13 31-1054	EA	Red, Vented, Two Tiers, Equipment Door Assembly (Notifier EQDR-B4R)	395.77	28.57
28 46 13 31-1055	EA	Red, Vented, Three Tiers, Equipment Door Assembly (Notifier EQDR-C4R)	567.05	28.57
28 46 13 31-1056	EA	Red, Vented, Four Tiers, Equipment Door Assembly (Notifier EQDR-D4R)	661.01	28.57
28 46 13 31-1057	EA	Backbox With Door For ONYX Firstvision™ (Notifier FIRSTVISION-ENC)	2,973.73	142.82
28 46 13 31-1058	EA	CAB-4 Series Mounting Kit (Notifier P40-KITB)	339.99	28.57
		Note: Includes chassis, hinged dress plate, and mounting hardware.		
28 46 13 31-1059	EA	Black, One Tier Backbox Assembly (Notifier SBB-A4)	357.91	85.70
28 46 13 31-1060	EA	Black, Two Tier Backbox Assembly (Notifier SBB-B4)	503.93	114.27
28 46 13 31-1061	EA	Black, Three Tier Backbox Assembly (Notifier SBB-C4)	652.05	114.27

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1062	EA		Black, Four Tier Backbox Assembly (Notifier SBB-D4).....	794.76	142.82
28 46 13 31-1063	EA		Black, Mini, One Tier, Backbox (Notifier SBB-AA4).....	216.66	28.57
28 46 13 31-1064	EA		Red, Mini, One Tier, Backbox (Notifier SBB-AA4R).....	216.66	28.57
28 46 13 31-1065	EA		Red, One Tier Backbox Assembly (Notifier SBB-A4R).....	261.69	28.57
28 46 13 31-1066	EA		Red, Two Tier Backbox Assembly (Notifier SBB-B4R).....	360.54	28.57
28 46 13 31-1067	EA		Red, Three Tier Backbox Assembly (Notifier SBB-C4R).....	523.99	28.57
28 46 13 31-1068	EA		Red, Four Tier Backbox Assembly (Notifier SBB-D4R).....	617.95	28.57
28 46 13 31-1069	EA		Trim Ring For NFS-320 Cabinet (Notifier TR-320).....	206.05	17.14
28 46 13 31-1070	EA		Red, Trim Ring For NFS-320 Cabinet (Notifier TR-320R).....	206.05	17.14
28 46 13 31-1071	EA		Black, AA Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-AA4).....	276.03	17.14
28 46 13 31-1072	EA		Black, A Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-A4).....	219.26	17.14
28 46 13 31-1073	EA		Black, B Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-B4).....	220.73	17.14
28 46 13 31-1074	EA		Black, C Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-C4).....	218.28	17.14
28 46 13 31-1075	EA		Black, D Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-D4).....	223.67	17.14
28 46 13 31-1076	EA		2" Filler Dress Plate For ADP-4B Installed In The Top Row Of A CAB-4 Series Backbox (Notifier VP-2B).....	82.63	17.14
28 46 13 31-1077	EA		Wire Trays For Routing Wire In A CAB-4 Series Backbox (Notifier WC-2).....	55.67	5.71
28 46 13 31-1078			NFS2-3030/640 Cabinet Mechanicals (28 46 13 31-0973)		
28 46 13 31-1079	EA		Dress Plate For Middle Rows With CPU2-640 (Notifier ADP2-640).....	114.38	17.14
28 46 13 31-1080	EA		Blank Module Dress Plate (Notifier BM-1B).....	95.72	17.14
28 46 13 31-1081	EA		Battery Dress Plate For NFS2-3030, NFS2-640, NCA-2 And DVC System (Notifier BP2-4).....	107.79	17.14
28 46 13 31-1082	EA		Four Position Expansion Chassis (Notifier CHS-4MB).....	268.36	14.28
28 46 13 31-1083	EA		Standard 1st Row Chassis Assembly For CPU-3030 (Notifier CHS-M3).....	243.70	42.85
28 46 13 31-1084	EA		Dress Plate For Top Row With CPU2-640 (Notifier DP-DISP2).....	118.76	17.14
28 46 13 31-1085			NFS-3030/640 Cabinet Mechanicals (28 46 13 31-0973)		
28 46 13 31-1086	EA		Annunciator Dress Plate (Notifier ADP-4B).....	108.89	17.14
28 46 13 31-1087	EA		Blank Module Dress Plate (Notifier BMP-1).....	70.49	17.14
28 46 13 31-1088	EA		Low Profile Four Position Chassis For AA-30 Or LDM (Notifier CHS-4L).....	155.33	28.57
28 46 13 31-1089	EA		Module Dress Plate (Notifier MP-1B).....	109.99	17.14
28 46 13 31-1090			Battery Cabinets (28 46 13 31-0973)		
28 46 13 31-1091	EA		Six Position Chassis (Notifier CHS-6).....	103.54	28.57
28 46 13 31-1092	EA		Black, 24" x 14" x 7-3/4" Battery Backbox (Notifier NFS-LBB).....	493.97	85.70
28 46 13 31-1093			Digital Voice (28 46 13 31-0973)		
28 46 13 31-1094	EA		Chassis Used With BB-XP (Notifier 18439).....	53.53	14.28
28 46 13 31-1095	EA		220 Volt AC, 100 Watt, 70.7 VRMS, Tone Generator, Audio Amplifier (Notifier AA-100E).....	1,979.52	42.85
28 46 13 31-1096	EA		220 Volt AC, 120 Watt, 25 VRMS, Tone Generator, Audio Amplifier (Notifier AA-120E).....	1,924.22	42.85
28 46 13 31-1097	EA		220 Volt AC, 30 Watt, 25 VRMS Audio Amplifier (Notifier AA-30E).....	973.23	42.85
28 46 13 31-1098	EA		Black, Two Tier Door For CA-2 Chassis Configuration (Notifier ADDR-B4).....	488.37	42.85
28 46 13 31-1099	EA		Black, Three Tier Door For CA-2 Chassis Configuration (Notifier ADDR-C4).....	661.77	57.13
28 46 13 31-1100	EA		Black, Four Tier Door For CA-2 Chassis Configuration (Notifier ADDR-D4).....	824.18	71.42
28 46 13 31-1101	EA		Multimode Audio Fiber Link Receiver (Notifier AFL-RM).....	843.13	28.57
28 46 13 31-1102	EA		Multimode Audio Fiber Link Transmitter (Notifier AFL-TM).....	843.13	28.57
28 46 13 31-1103	EA		Single Mode Audio Fiber Link Transmitter (Notifier AFL-TS).....	1,798.65	28.57
28 46 13 31-1104	EA		15" x 8-3/8" x 3-3/8", Flush Or Surface Mounted Backbox (Notifier AFAWS-BX).....	108.58	14.28
28 46 13 31-1105	EA		Flush Mounted, Key Lock, Door (Notifier AFAWS-KR).....	181.25	14.28
28 46 13 31-1106	EA		Surface Mounted, Key Lock, Door (Notifier AFAWS-KS).....	182.23	14.28
28 46 13 31-1107	EA		Flush Mounted, Latch Style Lock, Door (Notifier AFAWS-LR).....	176.36	14.28
28 46 13 31-1108	EA		Surface Mounted, Latch Style Lock, Door (Notifier AFAWS-LS).....	178.32	14.28
28 46 13 31-1109	EA		Armored Coil Cord, Telephone Chassis (Notifier AFAWS-TELA).....	360.36	14.28
28 46 13 31-1110	EA		Coil Cord, Telephone Chassis (Notifier AFAWS-TELC).....	276.19	14.28
28 46 13 31-1111	EA		Hammer Attached To Chain, Breakglass Insert (Notifier BRKG-B).....	113.22	
28 46 13 31-1112	EA		For 25 VRMS DAX Or DAA2 Series, Back-Up Digital Amplifier (Notifier BDA-25V).....	505.88	28.57
28 46 13 31-1113	EA		For 70 VRMS DAX Or DAA2 Series, Back-Up Digital Amplifier (Notifier BDA-70V).....	510.41	28.57
28 46 13 31-1114	EA		Blank Dress Plate For CA-2 (Notifier BP-CA2).....	107.11	14.28
28 46 13 31-1115	EA		One Tier Chassis For Digital Voice Command Panel (Notifier CA-1).....	136.13	28.57
28 46 13 31-1116	EA		Two Tier Chassis For Digital Voice Command Panel, With MIC-1 (Notifier CA-2).....	408.28	42.85
28 46 13 31-1117	EA		Black, 6.08" x 8.301" x 3.655", Remote Cabinet (Notifier CAB-RM).....	215.20	28.57
28 46 13 31-1118	EA		Red, 6.08" x 8.301" x 3.655", Remote Cabinet (Notifier CAB-RMR).....	215.20	28.57
28 46 13 31-1119	EA		Chassis, Phone Well, TELH-1 And Hardware (Notifier CFFT-1).....	273.25	14.28
28 46 13 31-1120	EA		Chassis With Paging Microphone With Well (Notifier CMIC-1).....	270.32	14.28
28 46 13 31-1121	EA		120 Volt AC, 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025).....	1,634.90	28.57
28 46 13 31-1122	EA		Multi-Mode Fiber-Optic Media 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025F).....	1,846.26	28.57
28 46 13 31-1123	EA		Single-Mode Fiber-Optic Media 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025SF).....	1,846.26	28.57
28 46 13 31-1124	EA		120 Volt AC, 50 Watt, 70 VRMS Digital Audio Amplifier (Notifier DAA-5070).....	1,687.57	28.57
28 46 13 31-1125	EA		Multi-Mode Fiber-Optic Media 50 Watt, 70 VRMS Digital Audio Amplifier (Notifier DAA-5070F).....	2,008.91	28.57
28 46 13 31-1126	EA		120 Volt AC, 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525).....	1,752.30	28.57
28 46 13 31-1127	EA		Single-Mode Fiber-Optic Media 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525SF).....	2,415.53	28.57
28 46 13 31-1128	EA		Single-Mode Fiber-Optic Media 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525SF).....	2,415.53	28.57
28 46 13 31-1129	EA		220-240 Volt AC, 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA2-5025E).....	1,608.27	28.57
28 46 13 31-1130	EA		220-240 Volt AC, 50 Watt, 70 VRMS Digital Audio Amplifier (Notifier DAA2-5070E).....	1,653.60	28.57
28 46 13 31-1131	EA		220-240 Volt AC, 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA2-7525E).....	1,724.31	28.57
28 46 13 31-1132	EA		120 Volt AC, 35 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-3525).....	1,094.25	28.57
28 46 13 31-1133	EA		220-240 Volt AC, 35 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-3525E).....	1,123.26	28.57
28 46 13 31-1134	EA		120 Volt AC, 35 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-3570).....	1,149.55	28.57
28 46 13 31-1135	EA		220-240 Volt AC, 35 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-3570E).....	1,187.62	28.57
28 46 13 31-1136	EA		120 Volt AC, 50 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-5025).....	1,195.78	28.57
28 46 13 31-1137	EA		220-240 Volt AC, 50 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-5025E).....	1,231.14	28.57
28 46 13 31-1138	EA		120 Volt AC, 50 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-5070).....	1,266.49	28.57

28 Electronic Safety and Security**28 40 Life Safety****28 46 Fire Detection and Alarm**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

28 46 13 31-1139	EA	220-240 Volt AC, 50 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-5070E)	1,329.95	28.57
28 46 13 31-1140	EA	Dress Plate For CFFT-1 (Notifier DP-CFFT).....	123.75	14.28
28 46 13 31-1141	EA	Dress Panel For One Tier Chassis For Digital Voice Command Panel (Notifier DPA-1)	103.40	17.14
28 46 13 31-1142	EA	Dress Panel For One Tier Chassis For Digital Voice Command Panel, Supports Keypad (Notifier DPA-1A4).....	118.76	17.14
28 46 13 31-1143	EA	Dress Panel For Two Tier Chassis For Digital Voice Command Panel (Notifier DPA-2B).....	201.05	17.14
28 46 13 31-1144	EA	WPS Power Amplifier (Notifier DPA3204P).....	599.26	28.57
28 46 13 31-1145	EA	WPS Power Amplifier (Notifier DPA4001P).....	505.88	28.57
28 46 13 31-1146	EA	Modem Interface For Direct Wire (No Dial-Up Capabilities) For Interconnecting Panels (Notifier DPI-232)	1,136.85	28.57
28 46 13 31-1147	EA	120 Volt AC, 125 Watt, 25 VRMS Digital Series Amplifier (Notifier DS-AMP).....	851.29	28.57
		Note: Can Be Converted To 70 VRMS, 100 Watts With A DS-XF70V		
28 46 13 31-1148	EA	220-240 Volt AC, 125 Watt, 25 VRMS Digital Series Amplifier (Notifier DS-AMPE).....	861.26	28.57
		Note: Can Be Converted To 70 VRMS, 100 Watts With A DS-XF70V		
28 46 13 31-1149	EA	Digital Series Distribution Board, Supports One To Four DS-AMP Or DS-AMPE (Notifier DS-DB).....	1,432.40	28.57
28 46 13 31-1150	EA	125 Watt, 25 VRMS DS Series Backup Amplifier Board (Can Be Converted To 70 VRMS, 100 Watt Amplifier With A DS-XF70V) (Notifier DS-BDA).....	560.28	28.57
28 46 13 31-1151	EA	Converts One DAX Or DAA2 DAL Port To Multi-Mode Fiber, Fiber Option Module (Notifier DS-FM)	319.43	28.57
28 46 13 31-1152	EA	Converts One DAX Or DAA2 Port To ST Style Multi-Mode Fiber (For Connection To DVC-EMF Or DAA-XXXX Series Amplifier), Fiber Option Module (Notifier DS-RFM)	319.43	28.57
28 46 13 31-1153	EA	Converts One DAX Or DAA2 DAL Port To Single-Mode Fiber, Fiber Option Module (Notifier DS-SFM)	319.43	28.57
28 46 13 31-1154	EA	Converts DS-AMP, DS-AMPE, Or DS-BDA To 70 VRMS, 100 Watt, DS Series Transformer (Notifier DS-XF70V).....	138.61	28.57
28 46 13 31-1155	EA	Analog Output Board For Digital Voice Command (Notifier DVC-AO)	293.03	28.57
28 46 13 31-1156	EA	Extended Memory For Digital Voice Command (Notifier DVC-EM)	1,648.07	28.57
28 46 13 31-1157	EA	Keypad For Digital Voice Command (Notifier DVC-KD).....	492.80	57.13
28 46 13 31-1158	EA	Microphone For NFC-50/100, NFC-LOC, NFC-RPU And NFC-RM (Notifier ECC-MICROPHONE).....	251.22	
28 46 13 31-1159	EA	Portable Fireman's Telephone Handset (Notifier FHS).....	150.90	
28 46 13 31-1160	EA	Red, Fireman's Telephone Handset (Notifier FHS-F)	174.88	
28 46 13 31-1161	EA	Recessed, Fireman's Handset Storage Cabinet, Holds Six Handsets (Notifier FHSC-R).....	438.84	28.57
28 46 13 31-1162	EA	Surface Mounted, Fireman's Handset Storage Cabinet, Holds Six Handsets (Notifier FHSC-S).....	438.84	28.57
28 46 13 31-1163	EA	Fireman's Phone Jack On A Single Gang Plate (Notifier FPJ).....	72.15	8.57
28 46 13 31-1164	EA	Paging Microphone Only (Notifier MIC-1).....	200.86	28.57
28 46 13 31-1165	EA	Firefighter's Telephone Handset (Notifier TELH-1).....	172.43	
28 46 13 31-1166	EA	Remote Microphone Assembly For Mounting On An ADP-4 Dress Plate (Notifier RM-1).....	483.94	28.57
28 46 13 31-1167	EA	Remote Microphone Assembly For Mounting In A Stand Alone Cabinet (Notifier RM-1SA).....	483.94	28.57

28 46 13 31-1168 Amplifiers (28 46 13 31-0973)

28 46 13 31-1169	EA	30 Watt Audio Amplifier At 25 VRMS, 120 Volt AC (Notifier AA-30)	922.82	28.57
28 46 13 31-1170	EA	100 Watt Audio Amplifier At 70.7 VRMS, 120 Volt AC, Tone Generator (Notifier AA-100).....	2,003.56	28.57
28 46 13 31-1171	EA	120 Watt Audio Amplifier At 25 VRMS, 120 Volt AC, Tone Generator (Notifier AA-120).....	1,946.51	28.57
28 46 13 31-1172	EA	Audio Coupling Transformer (Notifier ACT-1).....	148.20	28.57
28 46 13 31-1173	EA	Audio Coupling Transformer For DVC-AO (Notifier ACT-4).....	172.34	28.57
28 46 13 31-1174	EA	Audio Coupling Transformer For DAA-5025 (Notifier ACT-25)	172.34	28.57
28 46 13 31-1175	EA	Audio Coupling Transformer For DAA-5070 (Notifier ACT-70)	172.34	28.57
28 46 13 31-1176	EA	50 Watt, 25 Volt, 120 VAC Digital Amplifier (Notifier DAA2-5025)	1,540.28	28.57
28 46 13 31-1177	EA	50 Watt, 70 Volt, 120 VAC Digital Amplifier (Notifier DAA2-5070)	1,592.86	28.57
28 46 13 31-1178	EA	75 Watt, 25 Volt, 120 VAC Digital Amplifier (Notifier DAA2-7525)	1,654.51	28.57
28 46 13 31-1179	EA	Distributed Amplifier With Backup Capability (Notifier NFC-50/100DA).....	3,012.55	28.57
		Note: Requires NFC-BDA-BU		
28 46 13 31-1180	EA	50 Watt, 25 Volt Amplifier For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-25V)	605.60	28.57
		Note: Requires NFC-BDA-BU		
28 46 13 31-1181	EA	50 Watt, 70 Volt Amplifier For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-70V)	608.32	28.57
		Note: Requires NFC-BDA-BU		

28 46 13 31-1182 FireVoice-25/50 Emergency Voice Evacuation Control Panels (28 46 13 31-0973)

28 46 13 31-1183	EA	25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50).....	4,891.68	571.32
28 46 13 31-1184	EA	Single Channel 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50DA).....	3,419.71	571.32
28 46 13 31-1185	EA	Single Channel 25 Watt, 25 VRMS Voice Evacuation Control Panel Used With NFV-25/50ZS (Notifier NFV- 25/50DAZS).....	4,476.92	571.32
28 46 13 31-1186	EA	Zoned System 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50ZS)	5,859.43	571.32
28 46 13 31-1187	EA	Zoned System With Telephone 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50ZST)	6,493.76	571.32

28 46 13 31-1188 System Printer (28 46 13 31-0973)

28 46 13 31-1189	EA	80 Column, 120 Volt AC, Desktop Printer (Notifier PRN-6)	1,990.40	28.57
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28 46 13 31-1190 Batteries (28 46 13 31-0973)

28 46 13 31-1191	EA	5 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-1250-BP)	567.05	28.57
28 46 13 31-1192	EA	7 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-1270-BP)	432.37	28.57
28 46 13 31-1193	EA	12 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-12120-BP)	566.23	28.57
28 46 13 31-1194	EA	18 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-12180-BP)	333.62	28.57
28 46 13 31-1195	EA	26 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-12260-BP)	463.09	28.57
28 46 13 31-1196	EA	55 Ampere Hours, 12 Volt DC, Sealed Battery (Notifier BAT-12550)	462.00	28.57
28 46 13 31-1197	EA	100 Ampere Hours, 12 Volt DC, Sealed Battery (Notifier BAT-121000)	730.59	28.57

28 46 13 31-1198 Battery Backboxes And Miscellaneous Mechanicals (28 46 13 31-0973)

28 46 13 31-1199	EA	14-1/2" x 8-1/4" x 4-3/4", Holds Up To Two BAT-12180 Batteries, Battery Backbox (Notifier BB-17).....	157.78	22.85
28 46 13 31-1200	EA	24" x 12.55" x 5.218", Mounts Up To Six XP6 Boards Or ACP5-610, Cabinet (Notifier BB-25)	262.99	22.85
		Note: XP6 modules require a CHS-6.		
28 46 13 31-1201	EA	15.6" x 15.5" x 5.152", Mounts Up To Two 26 Ampere Hours And Charger, Battery Backbox (Notifier BB-26).....	401.89	114.27
28 46 13 31-1202	EA	Holds Up To Two BAT-12120 12 Ampere Hours Batteries, Battery Holder (Notifier CHS-BH).....	204.80	57.13
28 46 13 31-1203	EA	Holds Up To Two BAT-12120 12 Ampere Hours Batteries, Battery Holder (Notifier CHS-BH1).....	113.23	14.28
28 46 13 31-1204	EA	Battery Bracket For Two 26 Ampere Hours Batteries (Notifier SEISKIT-BB25).....	324.33	22.85

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1205	EA		Two 26 Ampere Hours Battery Bracket Seismic Kit For CAB-4 Series Cabinets (Notifier SEISKIT-CAB).....	210.14	22.85
28 46 13 31-1206	EA		Two 12 Ampere Hours Battery Bracket Seismic Kit For DAX, DAA, And DAA2 Series Amplifiers (Notifier SEISKIT-DAA).....	233.14	22.85
28 46 13 31-1207	EA		Two 55 Ampere Hours Battery Bracket Seismic Kit For NFS-LBB (Notifier SEISKIT-LBB).....	248.31	22.85
28 46 13 31-1208	EA		Two 7, 12, Or 18 Ampere Hour Battery Bracket Seismic Kit For FIREVOICE 25/50 Series (Notifier SEISKIT-2550).....	367.72	22.85
28 46 13 31-1209	EA		Two 26 Ampere Hour Battery Bracket Seismic Kit For NFS-320 And BB-26 Series (Notifier SEISKIT-320/B26).....	218.95	22.85
28 46 13 31-1210	EA		Two 100 Ampere Hour Battery Bracket Seismic Kit For BB-100 And BB-200 Series (Notifier SEISKIT-BB100)..... Note: Two kits are required for the BB-200	308.99	22.85
28 46 13 31-1211	EA		Two 18 Ampere Hour Battery Bracket Seismic Kit For BB-17 Series (Notifier SEISKIT-BB17)..... Note: Two kits are required for the BB-200	267.88	22.85
28 46 13 31-1212	EA		Two 26 Ampere Hour Battery Bracket Seismic Kit For BB-25 Series (Notifier SEISKIT-BB25)..... Note: Two kits are required for the BB-200	273.76	22.85
28 46 13 31-1213	EA		Two 7, 12, Or 18 Ampere Hour Battery Bracket Seismic Kit For SFP-5UD, SFP-10UD, Firewarden 100-2, RP-2001, And RP-2002 Series (Notifier SEISKIT-COMMENC)..... Note: Two kits are required for the BB-200	239.50	22.85
28 46 13 31-1214	EA		Two 7 Or 12 Ampere Hour Battery Bracket Seismic Kit For FCPS-24S6/8, CAB-PS1, SFP-2402 And SFP-2404 Series (Notifier SEISKIT-PS/2/4)..... Note: Two kits are required for the BB-200	224.82	22.85
28 46 13 31-1215			Power Supplies And Chargers (28 46 13 31-0973)		
28 46 13 31-1216	EA		120 Volt AC, 6 Or 10 Amperes, Addressable Charging Power Supply (Notifier ACPS-610).....	1,334.95	42.85
28 46 13 31-1217	EA		220/240 Volt AC, 6 Or 10 Amperes, Addressable Charging Power Supply (Notifier ACPS-610E).....	1,400.23	42.85
28 46 13 31-1218	EA		Addressable Power Supply, 120 Volt AC For NFS-3030, NFS2-3030 And NCA-2 (Notifier AMPS-24).....	1,405.59	28.57
28 46 13 31-1219	EA		6A Auxiliary Power Supply (Notifier APS-6R).....	989.10	28.57
28 46 13 31-1220	EA		10 Amperes Battery Charger (Notifier BC10A).....	1,019.42	42.85
28 46 13 31-1221	EA		33.34" x 22.5" x 7.5", Combination Power Supply And Battery Enclosure For NFS-3030 Or NFS2-3030 (Notifier BB-100)..... Note: Holds four 55 ampere hour or two 100 ampere hour batteries	560.87	34.28
28 46 13 31-1222	EA		Red, 33.34" x 22.5" x 7.5", Combination Power Supply And Battery Enclosure For NFS-3030 Or NFS2-3030 (Notifier BB-100R)..... Note: Holds four 55 ampere hour or two 100 ampere hour batteries	567.72	34.28
28 46 13 31-1223	EA		30.34" x 36.5" x 7.5", Combination Power Supply And Battery Enclosure For NFS2-3030 (Notifier BB-200)..... Note: Holds four 55 ampere hour or four 100 ampere hour batteries	789.28	34.28
28 46 13 31-1224	EA		30.34" x 36.5" x 7.5", Holds Four 55 Ampere Hours Or Four 100 Ampere Hours Batteries, For NFS2-3030, Red, Combination Power Supply And Battery Enclosure (Notifier BB-200R).....	789.28	34.28
28 46 13 31-1225	EA		15.218" x 14.5" x 3.562" ACPS Stand-Alone Cabinet (Notifier CAB-PS1).....	198.07	28.57
28 46 13 31-1226	EA		25 To 120 Ampere Hours Battery Charger (Notifier CHG-120).....	1,085.21	28.57
28 46 13 31-1227	EA		Mounts XPIQ-Ps And/Or CHS-BH In A CAB-3/4 Row, Also Mount One ACPS-610 In CAB-3 Row, Chassis Assembly (Notifier CHS-PS).....	89.25	14.28
28 46 13 31-1228	EA		Door Used For Mounting ACPS-610 (E) In a CAB-PS1 Cabinet When Replacing ACPS-2406 (Notifier DR-PS1).....	139.66	14.28
28 46 13 31-1229	EA		8 Amperes, 120 Volt AC Remote Charger Power Supply (Notifier FCPS-24S8).....	722.03	28.57
28 46 13 31-1230	EA		8.0 Amperes, 240 Volt AC Remote Charger Power Supply (Notifier FCPS-24S8E).....	798.74	85.70
28 46 13 31-1231	EA		Red, 8 Amperes, 240 Volt AC Remote Charger Power Supply (Notifier FCPS-24S8R).....	765.19	85.70
28 46 13 31-1232	EA		8 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8).....	882.14	85.70
28 46 13 31-1233	EA		8 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8E).....	874.89	85.70
28 46 13 31-1234	EA		Chassis Mounted, 8 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8CM).....	843.59	42.85
28 46 13 31-1235	EA		Chassis Mounted, 8 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8CME).....	843.59	42.85
28 46 13 31-1236	EA		12 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF12).....	1,043.94	42.85
28 46 13 31-1237	EA		12 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF12E).....	997.71	42.85
28 46 13 31-1238	EA		12 Amperes, 24 Volt DC, 120 Volt AC, Chassis Mounted, NAC Fire Alarm Power Supply (Notifier HPFF12CM).....	1,059.36	85.70
28 46 13 31-1239	EA		12 Amperes, 24 Volt DC, 220 Volt AC, Chassis Mounted, NAC Fire Alarm Power Supply (Notifier HPFF12CME).....	1,059.36	85.70
28 46 13 31-1240	EA		6 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S6).....	748.88	85.70
28 46 13 31-1241	EA		6 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S6E).....	748.88	85.70
28 46 13 31-1242	EA		8 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S8).....	806.90	85.70
28 46 13 31-1243	EA		8 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S8E).....	806.90	85.70
28 46 13 31-1244	EA		6 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF602ULADA).....	651.87	85.70
28 46 13 31-1245	EA		9 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF902ULADA).....	765.19	85.70
28 46 13 31-1246	EA		Class A Adapter HPFF8/HPFF12 (Notifier HPP31076).....	163.65	14.28
28 46 13 31-1247	EA		Up To 3 Amperes, Main Power Supply And Charger (Notifier MPS-24A).....	1,439.64	28.57
28 46 13 31-1248	EA		Class A (Style Y) NAC Option Module For FCPS-2406 And FCPS-2408 (Notifier ZNAC-4).....	196.11	28.57
28 46 13 31-1249	EA		240 Volt AC Addressable Power Supply (Notifier AMPS-24E).....	1,519.37	28.57
28 46 13 31-1250	EA		6 Amperes, 120 Volt AC Auxiliary Power Supply (Notifier APS2-6R).....	775.17	85.70
28 46 13 31-1251	EA		6 Amperes, 220-240 Volt AC Auxiliary Power Supply (Notifier APS2-6RE).....	806.90	85.70
28 46 13 31-1252	EA		25 To 75 Ampere Hour Sealed Lead Acid Battery Charger (Notifier CHG-75).....	724.37	28.57
28 46 13 31-1253	EA		6 Amperes, 240 Volt AC Remote Charger Power Supply (Notifier FCPS-24S6E).....	747.97	85.70
28 46 13 31-1254	EA		6 Amperes, 120 Volt AC Remote Charger Power Supply (Notifier FCPS-24S6R).....	730.74	85.70
28 46 13 31-1255			Network Control Annunciators (28 46 13 31-0973)		
28 46 13 31-1256	EA		Network Control Annunciator For NFS2-3030, NFS-3030, NFS-320, NFS-640 And NFS2-640 (Notifier NCA-2).....	1,981.77	85.70
28 46 13 31-1257	EA		Retro-Fit Plate For Mounting NCA2 (Notifier NCA-2RETRO).....	79.27	17.14
28 46 13 31-1258	EA		Kit For Mounting NCA-2 To CHS-M2 (Notifier NCA/640-2-Kit).....	58.42	17.14
28 46 13 31-1259			FIRSTVISION Firefighter's Display (28 46 13 31-0973)		
28 46 13 31-1260	EA		ONYX Firstvision™ Touchscreen Assembly (Notifier FIRSTVISION-LCD).....	15,451.67	571.32
28 46 13 31-1261			FlashScan Addressable Modules (28 46 13 31-0973)		
28 46 13 31-1262	EA		Intelligent Addressable Control Module (Notifier FCM-1).....	176.72	28.57
28 46 13 31-1263	EA		Addressable Dual Monitor Module (Notifier FDM-1).....	196.47	28.57
28 46 13 31-1264	EA		Intelligent Addressable Monitor Module (Notifier FMM-1).....	148.20	28.57
28 46 13 31-1265	EA		Intelligent Addressable Miniature Monitor Module (Notifier FMM-101).....	132.84	28.57
28 46 13 31-1266	EA		Intelligent Addressable 4 - 20mA Analog Input Module (Notifier FMM-4-20).....	265.60	28.57
28 46 13 31-1267	EA		Intelligent Addressable Relay Module (Notifier FRM-1).....	166.01	28.57

28 Electronic Safety and Security**28 40 Life Safety****28 46 Fire Detection and Alarm**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

28 46 13 31-1268	EA	Intelligent Addressable 2-Wire Detector Monitor Module (Notifier FZM-1).....	220.61	28.57
28 46 13 31-1269	EA	SLC Loop Powered Fault Isolator Module (Notifier ISO-X).....	146.00	28.57
28 46 13 31-1270		Addressable Device Bases And Accessories (28 46 13 31-0973)		
28 46 13 31-1271	EA	Intelligent Detector Base With Flange (Notifier B710LP)	59.47	14.28
28 46 13 31-1272	EA	Weatherproof Device Housing (Notifier DH4000E-1).....	442.25	28.57
28 46 13 31-1273	EA	Detector Base For All Wireless Smoke And Heat Detectors (Notifier B210W)	53.53	14.28
28 46 13 31-1274	EA	Swift AV Base Ceiling (Notifier WAV-CRL).....	282.06	14.28
28 46 13 31-1275	EA	Swift AV Base Wall (Notifier WAV-RL).....	282.06	14.28
28 46 13 31-1276		XP6/XP10 Transponder (28 46 13 31-0973)		
28 46 13 31-1277	EA	Synchronization Daughter Module For XP6-C (Notifier SYNC-1)	132.29	28.57
28 46 13 31-1278	EA	Six Circuit Supervised Control Module (Notifier XP6-C)	632.06	28.57
28 46 13 31-1279	EA	Six Zone Intelligent To Conventional Interface Module (Notifier XP6-MA).....	763.73	28.57
28 46 13 31-1280	EA	Six Relay Control Module (Notifier XP6-R)	607.92	28.57
28 46 13 31-1281	EA	Ten Input Monitor Module (Notifier XP10-M)	730.81	28.57
28 46 13 31-1282		LCD Display Annunciators (28 46 13 31-0973)		
28 46 13 31-1283	EA	80 Character LCD Fire Annunciator For FireWarden-100-2, NFS-640, NFS2-640 And NFS-320 (Notifier FDU-80).....	824.22	85.70
28 46 13 31-1284	EA	80 Character LCD Annunciator For NFS-640, NFS-3030, NFS2-640, NFS2-3030 And NFS-320 (Notifier LCD-80).....	1,147.90	85.70
28 46 13 31-1285	EA	640 Character LCD Annunciator For NFS-3030 And NFS2-3030 (Notifier LCD-160).....	1,187.40	85.70
28 46 13 31-1286	EA	8 To 16 Switch Smoke Control Expander (Notifier SCE-8)	804.89	28.57
28 46 13 31-1287	EA	8 To 16 Switch Smoke Control Lamp Driver Expander (Notifier SCE-8L).....	428.07	28.57
28 46 13 31-1288	EA	Eight Switch Smoke Control Master Module (Notifier SCS-8).....	1,041.74	28.57
28 46 13 31-1289	EA	White, 80 Character Display, Remote LCD Annunciator (Notifier N-ANN-80-W).....	541.27	85.70
28 46 13 31-1290		ONYX ACM And AEM Series LED Annunciators (28 46 13 31-0973)		
28 46 13 31-1291	EA	Remote, Eight Form C Relay Module (Notifier ACM-8R)	462.33	28.57
28 46 13 31-1292	EA	16 Alarm LEDs, 16 Trouble LEDs, 16 Controls Switches, Annunciator Control Module (Notifier ACM-16AT).....	835.04	28.57
28 46 13 31-1293	EA	16 Alarm LEDs, 16 Trouble LEDs, 16 Control Switches, Annunciator Expander Module (Notifier AEM-16AT).....	640.84	28.57
28 46 13 31-1294	EA	24 Alarm LEDs, 24 Trouble LEDs, 24 Control Switches, Annunciator Control Module (Notifier ACM-24AT).....	835.04	28.57
28 46 13 31-1295	EA	24 Alarm LEDs, 24 Trouble LEDs, 24 Control Switches, Annunciator Expander Module (Notifier AEM-24AT).....	640.84	28.57
28 46 13 31-1296	EA	32 Alarm LEDs And 1 Trouble LED, Control Module (Notifier ACM-32A).....	640.84	28.57
28 46 13 31-1297	EA	32 Alarm And 1 Trouble LED, Annunciator Expander Module (Notifier AEM-32A)	575.01	28.57
28 46 13 31-1298	EA	48 Alarm And 1 Trouble LED Annunciator Control Module (Notifier ACM-48A).....	640.84	28.57
28 46 13 31-1299	EA	48 Alarm And 1 Trouble LED, Annunciator Expander Module (Notifier AEM-48A).....	575.01	28.57
28 46 13 31-1300		Graphic Annunciator - Lamp Driver Modules (28 46 13 31-0973)		
28 46 13 31-1301	EA	Single Annunciator Flush Mounted Backbox (Notifier ABF-1B)	274.46	57.13
28 46 13 31-1302	EA	Single Annunciator Flush Mounted Backbox With Glass Door And Key Lock (Notifier ABF-1DB).....	297.50	57.13
28 46 13 31-1303	EA	Two Annunciator Flush Mounted Backbox (Notifier ABF-2B)	343.61	71.42
28 46 13 31-1304	EA	Two Annunciator Flush Mounted Backbox With Glass Door And Key Lock (Notifier ABF-2DB).....	373.23	71.42
28 46 13 31-1305	EA	Four Annunciator Flush Mounted Backbox (Notifier ABF-4B).....	597.15	99.98
28 46 13 31-1306	EA	Annunciator Blank Plate Used With ACM-32A/ACM-16AT (Notifier ABM-1)	106.15	17.14
28 46 13 31-1307	EA	Single Annunciator Surface Mounted Backbox (Notifier ABS-1B)	180.65	57.13
28 46 13 31-1308	EA	Single Annunciator Surface Mounted Backbox With Trim (Notifier ABS-1TB).....	198.23	14.28
28 46 13 31-1309	EA	Two Annunciator Surface Mounted Backbox (Notifier ABS-2B).....	222.89	57.13
28 46 13 31-1310	EA	12" x 12" x 3-3/4" Surface Or Semi-Flush Mount Backbox (Notifier ABS-2D).....	388.59	71.42
28 46 13 31-1311	EA	Red, Surface (Or Semi-Flush) Mounted Backbox For ACS Annunciators, SCS Series, NCA And NCA-2 (Notifier ABS-2DR).....	377.24	14.28
28 46 13 31-1312	EA	Black, 12" x 20" x 3-1/2" Surface Or Semi-Flush Backbox (Notifier ABS-4D).....	626.77	99.98
28 46 13 31-1313	EA	Red, 12" x 20" x 3-1/2" Surface Or Semi-Flush Backbox (Notifier ABS-4DR).....	639.78	17.14
28 46 13 31-1314	EA	Black, 9-15/16" x 4-5/8" x 2-1/2" Surface Backbox (Notifier ABS-8RB)	237.17	22.85
28 46 13 31-1315	EA	Annunciator Key Switch (Notifier AKS-1B).....	100.58	8.57
28 46 13 31-1316	EA	Chassis Used To Mount NCA-2 In ABS-2D (Notifier CHS-2D)	103.76	28.57
28 46 13 31-1317	EA	32 Alarm Lamp Driver Annunciator Control Module (Notifier LDM-32)	575.01	28.57
28 46 13 31-1318	EA	24" Lamp Driver Annunciator Cable (Notifier LDM-CBL24)	175.37	5.71
28 46 13 31-1319	EA	48" Lamp Driver Annunciator Cable (Notifier LDM-CBL48)	219.41	5.71
28 46 13 31-1320	EA	32 Alarm Lamp Driver Annunciator Expander Module (Notifier LDM-E32).....	475.16	28.57
28 46 13 31-1321	EA	Lamp Driver Module (Notifier LDM-R32).....	854.80	28.57
28 46 13 31-1322	EA	Eight Switch Smoke Control Lamp Driver Master Module (Notifier SCS-8L)	793.14	28.57
28 46 13 31-1323	EA	48" Cable Assembly For Smoke Control Lamp Driver (Notifier SCS8L-CBL48)	225.28	5.71
28 46 13 31-1324	EA	Black, Trim Ring For ABS-2D Cabinet (Notifier TR-ABS2D).....	204.09	17.14
28 46 13 31-1325	EA	Black, Trim Ring For ABS-4D Cabinet (Notifier TR-ABS4D).....	141.68	17.14
28 46 13 31-1326	EA	Red, Trim Ring For ABS-4D Cabinet (Notifier TR-ABS4DR)	141.68	17.14
28 46 13 31-1327	EA	Graphic Annunciator Dress Plate (Notifier DP-GDIS1).....	195.28	17.14
28 46 13 31-1328	EA	Graphic Annunciator Dress Plate (Notifier DP-GDIS2).....	195.28	17.14
28 46 13 31-1329	EA	Input/Output Module For Driving Graphic Annunciators Or Relays (Notifier N-ANN-RLED).....	547.31	28.57
28 46 13 31-1330		Network Gateways (28 46 13 31-0973)		
28 46 13 31-1331	EA	Common Alerting Protocol Gateway (Notifier CAP-GW).....	2,867.50	28.57
28 46 13 31-1332	EA	Fiber-Optic Cable Interface (Multi-Mode), High-Speed Network Communications Module (Notifier HS-NCM-MF)	2,134.99	28.57
28 46 13 31-1333	EA	Fiber-Optic Cable Interface (Multi-Mode Fiber To Single-Mode Fiber), High-Speed Network Communications Module (Notifier HS-NCM-MFSF).....	2,405.15	28.57
28 46 13 31-1334	EA	Fiber-Optic Cable Interface (Single-Mode), High-Speed Network Communications Module (Notifier HS-NCM-SF)	2,649.92	28.57
28 46 13 31-1335	EA	Twisted-Pair Wire Interface, High-Speed Network Communications Module (Notifier HS-NCM-W).....	2,154.03	28.57
28 46 13 31-1336	EA	Wire And Fiber-Optic Cable Interface, High-Speed Network Communications Module (Multi-Mode) (Notifier HS-NCM-WMF).....	2,096.01	28.57

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1337	EA		Wire And Fiber-Optic Cable Interface (Single-Mode), High-Speed Network Communications Module (Notifier HS-NCM-WSF).....	2,359.82	28.57
28 46 13 31-1338	EA		Modbus Gateway (Notifier MODBUS-GW).....	2,350.75	28.57
28 46 13 31-1339	EA		22" Widescreen HD LED Color Monitor With Speakers (Notifier MON-22LCDW).....	2,722.60	18.85
28 46 13 31-1340	EA		Capacitive Touch-Screen, 22" Widescreen HD LED Color Monitor With Speakers (Notifier MON-22LCDW-TS).....	4,046.20	18.85
28 46 13 31-1341	EA		1920x1080P Wide Screen (Notifier MON-42LCDW).....	12,812.73	18.85
28 46 13 31-1342	EA		Single Monitor, Wall Mounted, Horizontal, Tilt, Bracket (Notifier MON-42HORZ-SD).....	770.59	42.85
28 46 13 31-1343	EA		Single Monitor, Vertical Mounted, Bracket (Notifier MON-42VERT-SD).....	1,432.12	42.85
28 46 13 31-1344	EA		Dual Monitors, Vertical Wall Mounted, Fixed Position, Bracket (Notifier MON-42VERT-DD).....	2,101.45	42.85
28 46 13 31-1345	EA		Mass Notification Voice Paging (Notifier NOTIFY-IP).....	1,073.38	
28 46 13 31-1346	EA		Embedded NFN Gateway (Notifier NFN-GW-EM).....	2,405.14	28.57
28 46 13 31-1347	EA		NFN Gateway PC Card With Fiber (Notifier NFN-GW-PC-F).....	2,405.14	28.57
28 46 13 31-1348	EA		High Speed NFN Gateway PC Card For Multimode Fiber (Included With ONYXworks-HNMF) (Notifier NFN-GW-PC-HNMF).....	3,257.32	28.57
28 46 13 31-1349	EA		High Speed NFN Gateway PC Card For Single Mode Fiber (Included With ONYXworks-HNSF) (Notifier NFN-GW-PC-HNSF).....	3,792.20	28.57
28 46 13 31-1350	EA		High Speed NFN Gateway PC Card For Wire (Included With ONYXworks-HNW) (Notifier NFN-GW-PC-HNW).....	3,257.32	28.57
28 46 13 31-1351	EA		NFN Gateway PC Card With Wire (Notifier NFN-GW-PC-W).....	2,405.14	28.57
28 46 13 31-1352	EA		Alpha-Numeric Pager Option For ONYXworks (Notifier ONYX-PAGER).....	1,634.39	
28 46 13 31-1353	EA		ONYXWorks Workstation (Notifier ONYXWORKS-WS).....	24,336.82	685.58
28 46 13 31-1354	EA		Fiber Network Graphical User Interface (Notifier ONYXWorks-Lite OW-LITE-NW)..... Note: Includes PC slot network fiber card, workstation software and security key with a four node license. Excludes PC workstation.	6,454.77	
28 46 13 31-1355	EA		Wired Network Graphical User Interface (Notifier ONYXWorks-Lite OW-LITE-NF)..... Note: Includes PC slot network fiber card, workstation software and security key with a four node license. Excludes PC workstation.	6,454.77	
28 46 13 31-1356	EA		Fiber Optics, Standard Network Repeater Board (Notifier RPT-F).....	999.96	28.57
28 46 13 31-1357	EA		Wire, Standard Network Repeater Board (Notifier RPT-W).....	815.93	28.57
28 46 13 31-1358	EA		Wire To Fiber Optics, Standard Network Repeater Board (Notifier RPT-WF).....	969.14	28.57
28 46 13 31-1359	EA		Signaling Line Circuit Integration Module (Notifier SLC-IM).....	1,080.65	28.57
28 46 13 31-1360	EA		VESDA Gateway That Provides A Communication Link Between The Noti-Fire-Net™ Network And Vesda™ Detectors On The Vesdanet™ (Notifier VESDA-HLI-GW).....	2,241.96	28.57
28 46 13 31-1361	EA		Vesda™ High Level Interface Card Used With SLC-IM And Vesda-HLI-GW To Provide A Communication Link Between The Noti-Fire-Net™ Network And Vesda™ Detectors On The Vesdanet™ (Notifier VHX-1420-HFS).....	2,796.68	28.57
28 46 13 31-1362	EA		Windows Hard Drive Upgrade (Notifier WIN7-UG-US-3).....	3,113.12	
28 46 13 31-1363	EA		Intuitive Color 10" Touch Screen Providing Color Coded Information Of Detailed System Status (Notifier NCD).....	1,386.32	18.85
28 46 13 31-1364	EA		SWIFT Wireless Gateway With Flashscan (Notifier FWGS).....	471.17	28.57
28 46 13 31-1365			NOTI-FIRE-NET Network Components (28 46 13 31-0973)		
28 46 13 31-1366	EA		Interface Between NOTI-FIRE-NET 50 And BACnet (Notifier BACNET-GW-3).....	2,405.14	28.57
28 46 13 31-1367	EA		Fiber Optic Network Communications Module (Notifier NCM-F).....	1,074.23	28.57
28 46 13 31-1368	EA		NOTI-FIRE-NET Web Server (Notifier NWS).....	2,405.14	28.57
28 46 13 31-1369	EA		Wired Network Communications Module (Notifier NCM-W).....	1,023.76	28.57
28 46 13 31-1370	EA		Fiber Optic Converter Module Mounting Kit (Notifier SMF-Kit).....	129.41	14.28
28 46 13 31-1371			FireWarden Addressable Fire Panels (28 46 13 31-0973)		
28 46 13 31-1372	EA		50 Point, Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW-50).....	2,190.47	571.32
28 46 13 31-1373	EA		Black, One SLC Loop, 120 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100).....	2,579.97	571.32
28 46 13 31-1374	EA		Black, One DC Loop, 120 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100C).....	2,689.25	285.66
28 46 13 31-1375	EA		Black, One SLC Loop, 240 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100E).....	2,689.25	285.66
28 46 13 31-1376	EA		Red, One SLC Loop, 120 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100R).....	2,678.37	285.66
28 46 13 31-1377	EA		Black, Built In Digital Alarm Communicator/Transmitter (DACT) With Modem For Remote Upload/Download, Built In Annunciator, 50 Point Addressable Fire Alarm Control Panel (Notifier NFW-50C).....	3,050.06	571.32
28 46 13 31-1378	EA		Red, Built In Digital Alarm Communicator/Transmitter (DACT) With Modem For Remote Upload/Download, 50 Point Addressable Fire Alarm Control Panel (NFW-50R).....	2,237.78	571.32
28 46 13 31-1379			FireWarden Accessories (28 46 13 31-0973)		
28 46 13 31-1380	EA		Intelligent Multicriteria Photo/Thermal Detector With Base (Notifier NP-A100).....	201.19	42.85
28 46 13 31-1381	EA		Intelligent Addressable Photo/Thermal Detector With Base (Notifier NP-100T).....	191.40	42.85
28 46 13 31-1382			FireWarden Devices (28 46 13 31-0973)		
28 46 13 31-1383	EA		SLC Loop Powered Fault Isolator Module (Notifier N100-ISO).....	144.91	28.57
28 46 13 31-1384	EA		Intelligent Addressable Control Module (Notifier NC-100).....	171.24	28.57
28 46 13 31-1385	EA		Intelligent Addressable Relay Module (Notifier NC-100R).....	164.66	28.57
28 46 13 31-1386	EA		Intelligent Addressable Low Flow Duct Photoelectric Smoke Detector (Notifier ND-100).....	458.16	42.85
28 46 13 31-1387	EA		Intelligent Addressable Low Flow Duct Photoelectric Smoke Detector With DPDT Relay (Notifier ND-100R).....	555.75	42.85
28 46 13 31-1388	EA		Two Zone Intelligent Addressable, Two Wire Detector Monitor Module (Notifier NDM-100).....	164.66	28.57
28 46 13 31-1389	EA		Intelligent Addressable Thermal Detector With Base (Notifier NH-100).....	171.28	42.85
28 46 13 31-1390	EA		Intelligent Addressable High Temperature Thermal Detector With Base (Notifier NH-100H).....	171.28	42.85
28 46 13 31-1391	EA		Intelligent Addressable Rate-Of-Rise Thermal Detector With Base (Notifier NH-100R).....	171.28	42.85
28 46 13 31-1392	EA		Intelligent Addressable Ionization Smoke Detector With Base (Notifier NI-100).....	228.34	42.85
28 46 13 31-1393	EA		Intelligent Addressable Monitor Module (Notifier NMM-100).....	142.71	28.57
28 46 13 31-1394	EA		Intelligent Addressable Mini Monitor Module (Notifier NMM-100P).....	130.09	28.57
28 46 13 31-1395	EA		Intelligent Addressable Manual Pull Station (Notifier NOT-BG12LX).....	191.54	28.57
28 46 13 31-1396	EA		Intelligent Addressable Photoelectric Smoke Detector With Base (Notifier NP-100).....	178.96	42.85
28 46 13 31-1397	EA		Intelligent Addressable 2-Wire Detector Monitor Module (Notifier NZM-100).....	214.03	28.57
28 46 13 31-1398	EA		Six Zone Intelligent Addressable 2-Wire Detector Monitor Module (Notifier NZM-100-6).....	746.17	28.57

28 Electronic Safety and Security**28 40 Life Safety****28 46 Fire Detection and Alarm**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1399			SFP-2402 And SFP-2404 2 And 4-Zone Control Panels And Accessories ^(28 46 13 31-0973)		
28 46 13 31-1400	EA		120 Volt AC, Two Zone Conventional Fire Alarm Control Panel (Notifier SFP-2402).....	1,462.70	457.05
28 46 13 31-1401	EA		120 Volt AC, Four Zone Conventional Fire Alarm Control Panel (Notifier SFP-2404).....	1,604.24	457.05
28 46 13 31-1402	EA		240 Volt AC, Two Zone Conventional Fire Alarm Control Panel (Notifier SFP-2402E).....	1,127.95	142.82
28 46 13 31-1403	EA		240 Volt AC, Four Zone Conventional Fire Alarm Control Panel (Notifier SFP-2404E).....	1,272.10	142.82
28 46 13 31-1404	EA		Class A Converter Module (Notifier CAC-4).....	383.05	28.57
28 46 13 31-1405	EA		Internal Dress Plate, Required For FM And ULC (Notifier DP-4X).....	140.23	17.14
28 46 13 31-1406	EA		Remote Zone Annunciator (Notifier RZA-4X).....	206.08	42.85
28 46 13 31-1407	EA		Red, Dress Panel (Notifier DP-51050).....	168.86	17.14
28 46 13 31-1408	EA		Black, Dress Panel (Notifier DP-51050B).....	170.81	17.14
28 46 13 31-1409			SFP-5UD 5 Zone Control Panels And Accessories ^(28 46 13 31-0973)		
28 46 13 31-1410	EA		120 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFP-5UD).....	2,234.35	571.32
28 46 13 31-1411	EA		120 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDC).....	4,079.92	428.48
28 46 13 31-1412	EA		240 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDE).....	2,691.42	285.66
28 46 13 31-1413	EA		Red, 120 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDR).....	2,691.42	285.66
28 46 13 31-1414	EA		Class A Converter Module (Notifier N-CAC-5X).....	396.75	28.57
28 46 13 31-1415	EA		Red, Trim Ring For NFW2-100, NFW-50, SFB-5UD, SFB-10UD, RP-2001, RP-2002 Cabinet (Notifier TR-CE).....	151.73	17.14
28 46 13 31-1416	EA		Five Zone Conventional Fire Control Panel With DACT And 7 Amperes Power Supply, ULC/UL Listed (Notifier SFP-5UDC).....	3,382.95	428.48
			Note: Includes internal dress panel with built-in annunciator module		
28 46 13 31-1417	EA		240 Volt AC, Five Zone Conventional Fire Control Panel With DACT And 3 Amperes Power Supply (Notifier SFP-5UDE).....	2,241.40	285.66
28 46 13 31-1418	EA		Red, 120 Volt AC, Five Zone Conventional Fire Control Panel With DACT And 3 Amperes Power Supply (Notifier SFP-5UDR).....	2,222.36	285.66
28 46 13 31-1419			SFP-10UD 10 Zone Control Panels And Accessories ^(28 46 13 31-0973)		
28 46 13 31-1420	EA		120 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDC).....	4,954.77	571.32
28 46 13 31-1421	EA		240 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDE).....	3,704.79	428.48
28 46 13 31-1422	EA		120 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFP-10UD).....	2,541.57	571.32
28 46 13 31-1423	EA		Red, 120 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDR).....	4,276.11	571.32
28 46 13 31-1424	EA		Four Channel, Dual Line, Stand Alone Fire Alarm Communicator (Fire-Lite 411UDAC).....	640.99	85.70
28 46 13 31-1425	EA		10 Zone Conventional Fire Control Panel With DACT And 7 Amperes Power Supply, ULC/UL Listed (Notifier SFP-10UDC).....	4,172.75	571.32
			Note: Includes internal dress panel with built-in annunciator module		
28 46 13 31-1426	EA		240 Volt AC, 10 Zone Conventional Fire Control Panel With DACT And 7 Amperes Power Supply (Notifier SFP-10UDE).....	3,113.69	428.48
28 46 13 31-1427	EA		Red, 10 Zone Conventional Fire Control Panel With DACT And 7 Amperes Power Supply (Notifier SFP-10UDR).....	3,662.35	571.32
28 46 13 31-1428			Smoke Detectors ^(28 46 13 31-0973)		
28 46 13 31-1429	EA		Low Profile Intelligent Addressable Ionization Smoke Detector (Notifier FSI-851).....	243.70	42.85
28 46 13 31-1430	EA		Intelligent Addressable Laser Smoke Detector (Notifier FSL-751).....	403.89	42.85
28 46 13 31-1431	EA		Intelligent Addressable Laser Duct Smoke Detector (Notifier FSL-751D).....	1,386.88	42.85
28 46 13 31-1432	EA		Remote Test Capable Intelligent Addressable Photo Detector (Notifier NP-100R).....	180.64	42.85
			Note: For use with DNR(W) duct detector housing.		
28 46 13 31-1433	EA		Filters For Harsh Detector (Notifier RF-FTX).....	22.03	
28 46 13 31-1434	EA		Key Activated Remote Test Station For Duct Smoke Detector (Notifier RTS151KEY).....	147.92	28.57
28 46 13 31-1435	EA		Addressable Beam Detector With Reflector, UL Listed (Notifier FS-OSI-RI).....	1,577.91	42.85
28 46 13 31-1436	EA		Intelligent Addressable Photo Detector With Flashscan, White (Notifier FSP-951).....	187.73	42.85
28 46 13 31-1437	EA		Intelligent Addressable Photo Detector With Flashscan And Clip, Ivory (Notifier FSP-951-IV).....	203.88	42.85
28 46 13 31-1438	EA		Remote Test Capable Intelligent Photo Detector With Flashscan, White (Notifier FSP-951R).....	195.81	42.85
28 46 13 31-1439	EA		Remote Test Capable Intelligent Photo Detector With Flashscan And Clip, Ivory (Notifier FSP-951R-IV).....	210.49	42.85
28 46 13 31-1440	EA		Intelligent Addressable Photo/Thermal Detector With Flashscan, White (Notifier FSP-951T).....	196.79	42.85
28 46 13 31-1441	EA		Intelligent Addressable Photo/Thermal Detector With Flashscan, Ivory (Notifier FSP-951T-IV).....	211.47	42.85
28 46 13 31-1442	EA		Intelligent Addressable 135 Degree Thermal Detector With Flashscan, White (Notifier FST-951).....	162.04	42.85
28 46 13 31-1443	EA		Intelligent Addressable High Temperature 190 Degree Heat Detector With Flashscan (Notifier FST-951H).....	162.04	42.85
28 46 13 31-1444	EA		Intelligent Addressable High Temperature 190 Degree Heat Detector With Flashscan And Clip, Ivory (Notifier FST-951H-IV).....	175.74	42.85
28 46 13 31-1445	EA		Intelligent Addressable 135 Degree Thermal Detector With Flashscan And Clip, Ivory (Notifier FST-951-IV).....	175.74	42.85
28 46 13 31-1446	EA		Intelligent Addressable Rate-of-Rise Thermal Detector With Flashscan, White (Notifier FST-951R).....	162.04	42.85
28 46 13 31-1447	EA		Intelligent Addressable Rate-of-Rise Thermal Detector With Flashscan And Clip, Ivory (Notifier FST-951R-IV).....	175.74	42.85
28 46 13 31-1448	EA		Low Profile Intelligent Addressable High Sensitivity Detector With Flashscan, White (Notifier FSV-951R).....	416.51	42.85
28 46 13 31-1449	EA		Low Profile Intelligent Addressable High Sensitivity Detector With Flashscan, Ivory (Notifier FSV-951R-IV).....	445.88	42.85
28 46 13 31-1450	EA		Wireless Photo-Heat Detector, Acclimate, With Flashscan (Notifier FWD-200ACCLIMATE).....	415.54	42.85
			Note: Requires B210W base, ordered separately		
28 46 13 31-1451	EA		Wireless Photo Detector With Flashscan (Notifier FWD-200P).....	383.24	42.85
			Note: Requires B210W base, ordered separately		
28 46 13 31-1452	EA		Wireless Fixed Temp Heat Detector, 135 Degree, With Flashscan (Notifier FWH-200FIX135).....	348.98	42.85
			Note: Requires B210W base, ordered separately		
28 46 13 31-1453	EA		Wireless ROR Heat Detector, 135 Degree, With Flashscan (Notifier FWH-200ROR135).....	348.98	42.85
			Note: Requires B210W base, ordered separately		
28 46 13 31-1454	EA		Intelligent Addressable Carbon Monoxide Detector With Flashscan (Notifier FPC-951).....	256.98	42.85
28 46 13 31-1455	EA		Built In Circular Display, 3 Alarm Levels, Smoke Detector (Notifier VLF-250).....	2,421.93	42.85
			Note: Use for areas up to 2,500 square feet. Adjustable sensitivity range is 0.008 - 6% ro 6.4 /Ft. Obs.		
28 46 13 31-1456	EA		Built In Circular Display, 3 Alarm Levels, Smoke Detector (Notifier VLF-500).....	2,965.96	42.85
			Note: Use for areas up to 2,500 square feet. Adjustable sensitivity range is 0.008 - 6% ro 6.4 /Ft. Obs.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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28 46 13 31-1457 Pull Stations (28 46 13 31-0973)					
28 46 13 31-1458	EA		Trim Ring For NBG12 Series Pull Station (Notifier BG12TR)	31.79	5.71
28 46 13 31-1459	EA		One End Tapped For 1/2" Conduit, Aluminum, Surface Mounted Backbox (Notifier BG-2).....	84.61	14.28
28 46 13 31-1460	EA		Red, One End Tapped For 1/2" Conduit, Aluminum, Surface Mounted Backbox (Notifier BG-2R).....	69.29	14.28
28 46 13 31-1461	EA		Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1).....	110.83	28.57
28 46 13 31-1462	EA		DPDT Switch, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1F).....	122.51	28.57
28 46 13 31-1463	EA		Terminal Switch, DPDT Switch, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1FTS)	168.42	28.57
28 46 13 31-1464	EA		Red Body, Silver Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1R)	110.83	28.57
28 46 13 31-1465	EA		Red Letters, Spring Retainer, Aluminum Single Action Pull Station With Terminal Strip (Notifier BNG-1TS)	127.95	28.57
28 46 13 31-1466	EA		Standard Local Style Red Letters, Spring Retainer, Aluminum Single Action Pull Station With Terminal Strip (Notifier BNG-1TSL).....	127.95	28.57
28 46 13 31-1467	EA		Terminal Strip, Red Body, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1TSR).....	127.95	28.57
28 46 13 31-1468	EA		Red Letters, Breakglass, Aluminum Single Action Pull Station (Notifier BRG-1).....	120.95	28.57
28 46 13 31-1469	EA		Red Body, Silver Letters, Breakglass, Aluminum Single Action Pull Station (Notifier BRG-1R)	131.07	28.57
28 46 13 31-1470	EA		Hazardous, Non-Hazardous, Weatherproof, Harsh Locations Fire Alarm Pull Station (Notifier HAZ-WP-PULL)	808.32	34.28
28 46 13 31-1471	EA		Red, Single Action Fire Alarm Pull Station (Notifier NBG-12S).....	93.44	28.57
28 46 13 31-1472	EA		Red, Dual Action Fire Alarm Pull Station (Notifier NBG-12).....	97.65	28.57
28 46 13 31-1473	EA		Red, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12L).....	102.39	28.57
28 46 13 31-1474	EA		Red, Outdoor, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LOB).....	227.65	34.28
28 46 13 31-1475	EA		Red, Presignal, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LPS)	143.99	28.57
28 46 13 31-1476	EA		Red, Agent Releasing, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LR)	121.73	28.57
28 46 13 31-1477	EA		Addressable Manual Dual Action Fire Alarm Pull Station (Notifier NBG-12LX)	192.63	28.57
28 46 13 31-1478	EA		Pull Station Trim Plate For New York City, For Use With All NBG Series Pull Stations (Notifier NY-PLATE).....	62.80	5.71
28 46 13 31-1479	EA		Dual Action, Wireless Pull Station (Notifier NBG-12WL).....	406.23	34.28
28 46 13 31-1480 Rate Compensation Heat Detectors (28 46 13 31-0973)					
28 46 13 31-1481	EA		135 Degree F Explosion Proof Rate Compensation Heat Detectors (Edwards Signaling 302-EPM-135)	182.25	42.85
28 46 13 31-1482	EA		194 Degree F Explosion Proof Rate Compensation Heat Detectors (Edwards Signaling 302-EPM-194)	182.25	42.85
28 46 13 31-1483 FM Series Door Releases (28 46 13 31-0973)					
28 46 13 31-1484	EA		1/2" Door Holder Spacer (Notifier FM900-50).....	30.31	8.57
28 46 13 31-1485	EA		3/4" Door Holder Spacer (Notifier FM900-75).....	30.31	8.57
28 46 13 31-1486	EA		1" Door Holder Spacer (Notifier FM900-100).....	30.31	8.57
28 46 13 31-1487	EA		Door Holder Extension Kit (Notifier FM900).....	31.95	8.57
28 46 13 31-1488	EA		90 Degree Door Holder Extension Kit (Notifier FM900-2).....	32.50	8.57
28 46 13 31-1489	EA		12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Floor Mounted, Door Holder (Notifier FM980)	218.46	42.85
28 46 13 31-1490	EA		12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Surface Mounted, Door Holder (Notifier FM996).....	191.03	42.85
28 46 13 31-1491	EA		12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Recessed Mounted, Concealed Wiring, Door Holder (Notifier FM998).....	191.03	42.85
28 46 13 31-1492 Multicriteria Fire Detector (28 46 13 31-0973)					
28 46 13 31-1493	EA		Intelligent Addressable Combination Multi-Criteria Fire/Carbon Monoxide Detector With Flashscan (Notifier FCO-851)	305.92	42.85
28 46 13 31-1494	EA		Intelligent Addressable Multicriteria Fire Detector (Notifier FSC-851).....	304.94	42.85
			Note: Detects fire, thermal, photo, CO and IR, with Flashscan.		
28 46 13 31-1495	EA		Multi-Criteria Photo/Temp/Infrared Detector, White (Notifier FPTI-951)	201.19	42.85
28 46 13 31-1496	EA		Multi-Criteria Photo/Temp/Infrared Detector, Ivory (Notifier FPTI-951-IV)	208.04	42.85
28 46 13 31-1497	EA		Intelligent Addressable Combination Multi-Criteria Photoelectric And Carbon Monoxide Detector With Flashscan (Notifier FSCO-951).....	305.92	42.85
28 46 13 31-1498 Modules (28 46 13 31-0973)					
28 46 13 31-1499	EA		Intelligent Addressable Dual Monitor/Dual Relay Module (Notifier FDRM-1).....	361.52	28.57
28 46 13 31-1500	EA		Addressable Firephone Control Module (Notifier FTM-1)	225.47	28.57
28 46 13 31-1501	EA		Wireless Monitor Module With Flashscan (Notifier FW-MM)	349.77	28.57
28 46 13 31-1502	EA		Wireless Relay Module With Flashscan (Notifier FW-RM).....	403.60	28.57
28 46 13 31-1503	EA		Wireless Sync Module (Notifier W-SYNC).....	386.21	28.57
28 46 13 31-1504 DH Series Door Releases (28 46 13 31-0973)					
28 46 13 31-1505	EA		Semi-Flush, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120FPC).....	191.16	42.85
28 46 13 31-1506	EA		Semi-Flush, Plated Brass, Electromagnetic Door Holder (Notifier DH24120FB)	203.15	42.85
28 46 13 31-1507	EA		Semi-Flush, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120FD).....	214.40	42.85
28 46 13 31-1508	EA		Surface Mounted, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120SPC).....	211.47	42.85
28 46 13 31-1509	EA		Surface Mounted, Plated Brass, Electromagnetic Door Holder (Notifier DH24120SB).....	221.26	42.85
28 46 13 31-1510	EA		Surface Mounted, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120SPD).....	229.57	42.85
28 46 13 31-1511	EA		Recessed, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120WPC)	191.16	42.85
28 46 13 31-1512	EA		Recessed, Plated Brass, Electromagnetic Door Holder (Notifier DH24120WB)	201.68	42.85
28 46 13 31-1513	EA		Recessed, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120WD).....	214.40	42.85
28 46 13 31-1514	EA		Floor Mounted, Single Door, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120GPC1)	241.32	42.85
28 46 13 31-1515	EA		Floor Mounted, Single Door, Plated Brass, Electromagnetic Door Holder (Notifier DH24120GB1)	256.98	42.85
28 46 13 31-1516	EA		Floor Mounted, Single Door, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120GPD1)	275.09	42.85
28 46 13 31-1517	EA		Floor Mounted, Double Door, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120GPC2)	279.49	42.85
28 46 13 31-1518	EA		Floor Mounted, Double Door, Plated Brass, Electromagnetic Door Holder (Notifier DH24120GB2).....	298.09	42.85
28 46 13 31-1519	EA		Floor Mounted, Double Door, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120GPD2)	320.60	42.85
28 46 13 31-1520	EA		0.5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE.5PC)	22.15	5.71
28 46 13 31-1521	EA		0.5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE.5B).....	22.15	5.71
28 46 13 31-1522	EA		0.5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE.5D)	24.15	5.71
28 46 13 31-1523	EA		1" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1PC).....	22.15	5.71

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

28 46 13 31-1524	EA	1" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE1B).....	22.15	5.71
28 46 13 31-1525	EA	1" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE1D).....	24.15	5.71
28 46 13 31-1526	EA	1.5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1.5PC).....	23.17	5.71
28 46 13 31-1527	EA	1.5" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1.5APC).....	23.17	5.71
28 46 13 31-1528	EA	1.5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE1.5B).....	24.15	5.71
28 46 13 31-1529	EA	1.5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE1.5D).....	25.28	5.71
28 46 13 31-1530	EA	2" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE2PC).....	25.28	5.71
28 46 13 31-1531	EA	2" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE2APC).....	25.28	5.71
28 46 13 31-1532	EA	2" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE2B).....	26.31	5.71
28 46 13 31-1533	EA	2" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE2D).....	26.31	5.71
28 46 13 31-1534	EA	3" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE3PC).....	26.31	5.71
28 46 13 31-1535	EA	3" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE3B).....	27.43	5.71
28 46 13 31-1536	EA	3" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE3D).....	27.43	5.71
28 46 13 31-1537	EA	4" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE4PC).....	28.46	5.71
28 46 13 31-1538	EA	4" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE4APC).....	28.46	5.71
28 46 13 31-1539	EA	4" Adjustable Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE4AB).....	29.59	5.71
28 46 13 31-1540	EA	4" Adjustable Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE4AD).....	32.77	5.71
28 46 13 31-1541	EA	5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE5PC).....	31.69	5.71
28 46 13 31-1542	EA	5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE5B).....	30.61	5.71
28 46 13 31-1543	EA	5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE5D).....	32.77	5.71
28 46 13 31-1544	EA	Catch Plate, Powder Coated Chrome For Electromagnetic Door Holder (Notifier DHCP).....	30.99	8.57
28 46 13 31-1545	EA	Catch Plate, Plated Brass For Electromagnetic Door Holder (Notifier DHCPB).....	32.02	8.57
28 46 13 31-1546	EA	Catch Plate, Powder Coated Dark Bronze For Electromagnetic Door Holder (Notifier DHCPD).....	35.30	8.57
28 46 13 31-1547	EA	Swivel Base, Powder Coated Chrome, For Electromagnetic Door Holder (Notifier DHSBPC).....	56.58	8.57
28 46 13 31-1548	EA	Swivel Base, Plated Brass, For Electromagnetic Door Holder (Notifier DHSBB).....	59.72	8.57
28 46 13 31-1549	EA	Swivel Base, Powder Coated Dark Bronze, For Electromagnetic Door Holder (Notifier DHSBD).....	62.85	8.57
28 46 13 31-1550	EA	Surface Mounted Backbox, Powder Coated Chrome For Electromagnetic Door Holder (Notifier DHBBPC).....	53.04	14.28
28 46 13 31-1551	EA	Surface Mounted Backbox, Plated Brass For Electromagnetic Door Holder (Notifier DHBBB).....	55.19	14.28
28 46 13 31-1552	EA	Surface Mounted Backbox, Powder Coated Dark Bronze For Electromagnetic Door Holder (Notifier DHBBD).....	59.50	14.28
28 46 13 31-1553	EA	Swivel Base Mounting Drill Fixture For Electromagnetic Door Holder (Notifier DHDF).....	302.43	

28 46 13 31-1554 First Command (28 46 13 31-0973)

28 46 13 31-1555	EA	Black, 120 Volt AC, 50 Watt, 25 VRMS, One Class A/B Speaker Circuit, Primary Operating Console (Notifier NFC-50/100).....	5,821.07	714.14
28 46 13 31-1556	EA	Black, 220-240 Volt AC, 50 Watt, 25 VRMS, One Class A/B Speaker Circuit, Primary Operating Console (Notifier NFC-50/100E).....	5,875.47	714.14
28 46 13 31-1557	EA	Black, 120 Volt AC, 50 Watt, 25 VRMS Or 70 VRMS), Four Class A/B Speaker Circuits, Distributed (Remote) Audio Amplifier (Notifier NFC-50DA).....	1,551.22	57.13
28 46 13 31-1558	EA	Black, 220-240 Volt AC, 50 Watt, 25 VRMS Or 70 VRMS), Four Class A/B Speaker Circuits, Distributed (Remote) Audio Amplifier (Notifier NFC-50DAE).....	1,592.01	57.13
28 46 13 31-1559	EA	Black, 120 Volt AC, 125 Watt, 25 VRMS, Four Class A/B Speaker Outputs, Distributed Audio Amplifier (Notifier NFC-125DA).....	2,821.32	57.13
28 46 13 31-1560	EA	Black, 220-240 Volt AC, 125 Watt, 25 VRMS, Four Class A/B Speaker Outputs, Distributed Audio Amplifier (Notifier NFC-125DAE).....	2,911.98	57.13
28 46 13 31-1561	EA	50 Watt, 25 VRMS Audio Amplifier Module For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-25 Volt).....	874.32	28.57
28 46 13 31-1562	EA	50 Watt, 70 VRMS Audio Amplifier Module For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-70 Volt).....	874.32	28.57
28 46 13 31-1563	EA	Circuit Expander Module For NFC-50/125DA(E), Four Additional Class A/B Speaker Circuits (Notifier NFC-CE4).....	452.54	28.57
28 46 13 31-1564	EA	Circuit Expander Module For NFC-50/100(E), Six Additional Class A/B Speaker Circuits (Notifier NFC-CE6).....	591.10	28.57
28 46 13 31-1565	EA	Standalone Firefighter Telephone System (Notifier NFC-FFT).....	2,091.53	57.13
		Note: Includes onboard SLC supports up to 24 monitor modules, built-in handset, black.		
28 46 13 31-1566	EA	Local Operator Console (Notifier NFC-LOC).....	2,048.02	57.13
		Note: Includes built-in microphone, message and zone control switches, black.		
28 46 13 31-1567	EA	Black, Remote Microphone (Notifier NFC-RM).....	591.63	
28 46 13 31-1568	EA	Remote Page Unit (Notifier NFC-RPU).....	1,735.25	57.13
		Note: Includes built-in microphone, message control switches, black.		
28 46 13 31-1569	EA	70 V Conversion Module For NFC-50/100 (Notifier NFC-XRM-70V).....	343.90	28.57
28 46 13 31-1570	EA	Firefighters Phone Jack (Notifier N-FPJ).....	156.61	8.57
28 46 13 31-1571	EA	Thumbblatch Option For NFC-LOC And NFC-RPU (Notifier THUMBLTCH).....	44.15	8.57
28 46 13 31-1572	EA	Black, Trim Ring For NFC-RPU Cabinet (Notifier TR-6-B).....	141.21	17.14

28 46 13 31-1573 LED Displays (28 46 13 31-0973)

28 46 13 31-1574	EA	2.1" x 27" Programmable LED Indoor Display (Notifier ALPHA-215).....	1,620.61	34.28
28 46 13 31-1575	EA	Instant And Integrated Emergency Notification System (Notifier LEDSIGN-GW).....	2,277.15	45.71
28 46 13 31-1576	EA	4" x 45-1/2" Programmable LED Array, Mass Notification Device (Notifier MEGADOT).....	2,303.44	45.71
28 46 13 31-1577	EA	8 Messages, FACP Interface For LED Arrays (Notifier MNS-CONTROL8).....	2,212.78	45.71
28 46 13 31-1578	EA	16 Messages, FACP Interface For LED Arrays (Notifier MNS-CONTROL16).....	3,092.16	45.71
28 46 13 31-1579	EA	LED Sign, Instant And Integrated Emergency Notification System (Notifier OAX2-24V).....	2,348.77	45.71

28 46 13 31-1580 Control Relays (28 46 13 31-0973)

28 46 13 31-1581	EA	Single SPDT Relay With LED With Metal Backbox And Red Plastic Cover (Notifier MR-101/CR).....	70.36	14.28
28 46 13 31-1582	EA	Single SPDT Relay With LED With Track Mounting Hardware (Notifier MR-101/T).....	53.82	14.28
28 46 13 31-1583	EA	Four Position SPDT Relay With LEDs With Metal Backbox And Red Plastic Cover (Notifier MR-104/CR).....	191.71	28.57
28 46 13 31-1584	EA	Four Position SPDT Relay With LED With Track Mounting Hardware (Notifier MR-104/T).....	107.11	14.28
28 46 13 31-1585	EA	Four Position DSPDT Relay With LED With Track Mounting Hardware (Notifier MR-204/T).....	127.42	14.28
28 46 13 31-1586	EA	24 Volt DC, 30 Amperes Contacts, DPDT Relay In Steel Enclosure (Notifier MR-199X-13C).....	197.09	28.57
28 46 13 31-1587	EA	120 Volt AC, 30 Amperes Contacts, DPDT Relay In Steel Enclosure (Notifier MR-199X-14C).....	197.09	28.57
28 46 13 31-1588	EA	Single DPDT Relay With LED With Metal Backbox And Red Plastic Cover (Notifier MR-201/CR).....	102.15	28.57
28 46 13 31-1589	EA	Single DPDT Relay With LED With Track Mounting Hardware (Notifier MR-201/T).....	58.13	14.28
28 46 13 31-1590	EA	Four Position DPDT Relay With LEDs With Metal Backbox And Red Plastic Cover (Notifier MR-204/CR).....	209.32	28.57

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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28 46 13 31-1591	EA		24 Volt DC / 24 Volt AC / 115 Volt AC, 10 Amperes, Form C, Multi-Voltage Relay Module (Notifier PAM-1).....	74.94	28.57
28 46 13 31-1592	EA		12/24 Volt DC, 7 Amperes, Form C, Multi-Voltage Relay Module (Notifier PAM-2).....	74.94	28.57
28 46 13 31-1593	EA		9 To 40 Volt DC, 10 Amperes, Form C, Multi-Voltage Relay Module (Notifier PAM-4).....	74.94	28.57
28 46 13 31-1594			Gamewell-FCI Fire Control Instruments (28 46 13 31-0973)		
28 46 13 31-1595			7100 Series And NetSOLO® (28 46 13 31-1594)		
28 46 13 31-1596			7100 Compact Analog Addressable Fire Alarm Control Panels (28 46 13 31-1595)		
28 46 13 31-1597	EA		Enclosure With Metal Door (Gamewell-FCI 7100-ENCL-M).....	1,071.42	342.79
28 46 13 31-1598	EA		Basic Systems Kit, 2 Signaling Line Circuits (SLC) (Gamewell-FCI BK-7100-2).....	4,650.89	571.32
28 46 13 31-1599	EA		Basic Systems Kit, With Digital Alarm Communicator Transmitter (DACT), 2 Signaling Line Circuits (SLC) (Gamewell-FCI BK-7100-2D).....	5,099.98	571.32
28 46 13 31-1600	EA		Basic Systems Kit, 2 Signaling Line Circuits (SLC), 240 Volt AC (Gamewell-FCI BK-7100-2-E).....	4,650.89	571.32
28 46 13 31-1601	EA		Basic Systems Kit, With Digital Alarm Communicator Transmitter (DACT), 2 Signaling Line Circuits (SLC), 240 Volt AC (Gamewell-FCI BK-7100-2D-E).....	5,099.98	571.32
28 46 13 31-1602	EA		Removal And Replacement Of Board For 7100-1D (Gamewell-FCI BSM-7100-1).....	1,497.91	
28 46 13 31-1603	EA		Removal And Replacement Of Board For 7100-2 (Gamewell-FCI BSM-7100-1D).....	1,798.35	
28 46 13 31-1604	EA		Analog Loop Unit (Gamewell-FCI ALU).....	1,798.35	57.13
28 46 13 31-1605			NetSOLO® Intelligent Network (28 46 13 31-1595)		
28 46 13 31-1606	EA		Intelligent Network Interface Module, Fiber Optic (Gamewell-FCI INI-7100-FO)..... Note: Mounted in 7100 panel.	1,996.02	57.13
28 46 13 31-1607	EA		Intelligent Network Interface Module, Unshielded Twisted Pair (Gamewell-FCI INI-7100-UTP)..... Note: Mounted in 7100 panel.	1,583.30	57.13
28 46 13 31-1608			Components And Accessories (28 46 13 31-1595)		
28 46 13 31-1609	EA		Remote Serial Annunciator, LCD Display (Gamewell-FCI LCD-7100).....	980.72	42.85
28 46 13 31-1610	EA		Remote LED Driver Module, Outputs For Remote Panel Switches And 33 Remote LEDs (Gamewell-FCI LDM-7100).....	740.46	57.13
28 46 13 31-1611	EA		Fiber Optic Line Driver Module (Gamewell-FCI FLD-1).....	1,368.24	57.13
28 46 13 31-1612	EA		Class "A" Optional Module For Both Signaling Line Circuits (SLC) (Gamewell-FCI CAOM).....	544.38	57.13
28 46 13 31-1613	EA		Enclosure Box (Gamewell-FCI EN-7100).....	429.36	114.27
28 46 13 31-1614	EA		Serial Printer (Order RJAA To Db25 Connector Separately) (Gamewell-FCI P7200-TR-2).....	1,436.02	28.57
28 46 13 31-1615			E3 Series® Basic System (28 46 13 31-1594)		
28 46 13 31-1616	EA		Intelligent Loop Interface, Mother Board (Gamewell-FCI ILI-MB-E3).....	1,304.22	57.13
28 46 13 31-1617	EA		Intelligent Loop Interface, Supplemental (Gamewell-FCI ILI-S-E3).....	1,118.27	57.13
28 46 13 31-1618	EA		Intelligent Loop Interface, Mother Board, XP95 Protocol (Gamewell-FCI ILI95-MB-E3).....	1,304.22	57.13
28 46 13 31-1619	EA		Intelligent Loop Interface, Supplemental, XP95 Protocol (Gamewell-FCI ILI95-S-E3).....	1,118.27	57.13
28 46 13 31-1620	EA		LCD Keypad Display (Gamewell-FCI LCD-E3).....	832.25	57.13
28 46 13 31-1621	EA		Power Supply Module (Gamewell-FCI PM-9).....	1,093.53	57.13
28 46 13 31-1622	EA		Transponder 9 Amperes Power Supply (Gamewell-FCI PM-9 INX).....	918.78	57.13
28 46 13 31-1623	EA		Power Supply And Charger, 120/220 Volt AC (Gamewell-FCI PM-9G 9A).....	914.58	28.57
28 46 13 31-1624	EA		Digital Alarm Communication Transmitter (Gamewell-FCI DACT-E3).....	517.17	57.13
28 46 13 31-1625	EA		Network Repeater, Fiber Optic (Gamewell-FCI RPT-E3-FO).....	1,405.63	57.13
28 46 13 31-1626	EA		Network Repeater, Unshielded Twisted Pair (Gamewell-FCI RPT-E3-UTP).....	1,175.76	57.13
28 46 13 31-1627	EA		Local Operating Console (Gamewell-FCI 1100-0455).....	783.89	42.85
28 46 13 31-1628	EA		Network Graphic Annunciator (Gamewell-FCI 1100-0505).....	2,546.55	42.85
28 46 13 31-1629	EA		70.7 VRMS Audio Output Series Amplifier Module (Gamewell-FCI AM-50-70).....	1,002.33	57.13
28 46 13 31-1630	EA		INI-VGE-UTP Classic Enabled Voice Gateway Module (Gamewell-FCI 1100-1326).....	3,078.95	57.13
28 46 13 31-1631	EA		8-1/4" Wide x 10" High x 4-1/2" Deep Cabinet (Gamewell-FCI E3BB-BAA1).....	690.50	114.27
28 46 13 31-1632	EA		C Size, Black, Command Center Enclosure (Gamewell-FCI E3BB-BC/INCC).....	502.12	114.27
28 46 13 31-1633	EA		Double Size, Blank, Inner Door Panel (Gamewell-FCI E3-BP).....	109.46	28.57
28 46 13 31-1634	EA		Programmable Switch Module (Gamewell-FCI ASM-16).....	699.25	57.13
28 46 13 31-1635	EA		LED Driver module (Gamewell-FCI ANU-48).....	699.25	57.13
28 46 13 31-1636	EA		Network Graphic Annunciator (Gamewell-FCI NGA).....	2,133.78	42.85
28 46 13 31-1637			Addressable Devices, Module, Pulls And Accessories (28 46 13 31-1594)		
28 46 13 31-1638			Velociti® Series Sensors And Bases (28 46 13 31-1637)		
28 46 13 31-1639	EA		Analog Addressable Plug-In Ionization Smoke Sensor (Gamewell-FCI ASD-IL2F).....	215.37	42.85
28 46 13 31-1640	EA		Analog Addressable Plug-In Photoelectric Smoke Sensor (Gamewell-FCI ASD-PL2F).....	220.11	42.85
28 46 13 31-1641	EA		Analog Addressable Plug-In Photoelectric Smoke Sensor With 135 Degree F Fixed Temperature Thermal Sensing (Gamewell-FCI ASD-PTL2F).....	234.34	42.85
28 46 13 31-1642	EA		Addressable Plug-In Thermal Sensor, 15 Degree F Rate Of Rise, 135 Degree F (Gamewell-FCI ATD-RL2F).....	177.42	42.85
28 46 13 31-1643	EA		Addressable Plug-In Thermal Sensor, 190 Degree F (Gamewell-FCI ATD-HL2F).....	185.32	42.85
28 46 13 31-1644	EA		Addressable Plug-In Thermal Sensor, 135 Degree F (Gamewell-FCI ATD-L2F).....	177.42	42.85
28 46 13 31-1645	EA		Addressable Plug-In Multi-Criteria Analog Sensor (Gamewell-FCI MCS-ACCLIMATE2F).....	267.55	42.85
28 46 13 31-1646	EA		Analog Addressable Laser Smoke Sensor, Low Profile (Gamewell-FCI ASD-LS).....	599.62	42.85
28 46 13 31-1647	EA		Analog Addressable Low Flow Photoelectric Smoke Duct Detector Without Relay (Gamewell-FCI ADPF).....	498.61	71.42
28 46 13 31-1648	EA		Analog Addressable Low Flow Photoelectric Smoke Duct Detector With Relay (Gamewell-FCI ADPRF).....	561.86	71.42
28 46 13 31-1649	EA		Removal And Replacement Of Duct Detector Board (Gamewell-FCI ADP-F-SB).....	264.58	
28 46 13 31-1650	EA		Flanged Mounting Base, For Use With Analog Sensor Or Velociti Sensors (Gamewell-FCI ADB-FLF).....	53.87	14.28
28 46 13 31-1651	EA		Harsh Environment Analog Addressable Photoelectric Smoke Sensor (Gamewell-FCI ASD-FILTREX-F).....	647.06	42.85
28 46 13 31-1652	EA		Flanged Mounting Base, For Use With ASD-FILTREX Or ASD-FILTREX-F (Gamewell-FCI ADB-FILTREX-F).....	127.40	14.28
28 46 13 31-1653	EA		Addressable Single-Ended Reflected Beam Smoke Sensor (Gamewell-FCI ABD-2F).....	2,306.15	85.70
28 46 13 31-1654			Velociti® Series Modules And Pull Station (28 46 13 31-1637)		

28 Electronic Safety and Security**28 40 Life Safety****28 46 Fire Detection and Alarm**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

28 46 13 31-1655	EA	Style B, Class B Addressable Monitor Module (Gamewell-FCI AMM-2F).....	157.54	28.57
28 46 13 31-1656	EA	Dual Style B, Class B Addressable Monitor Module (Gamewell-FCI AMM-2IF)	257.96	28.57
28 46 13 31-1657	EA	Style D, Class A Addressable Monitor Module (Gamewell-FCI AMM-4F).....	173.36	28.57
28 46 13 31-1658	EA	Subloop Style D, Class A Addressable Monitor Module (Gamewell-FCI AMM-4SF)	246.89	28.57
28 46 13 31-1659	EA	Addressable Output Relay Control Module (Gamewell-FCI AOM-2RF).....	204.98	28.57
28 46 13 31-1660	EA	Addressable Output Supervised Module (Gamewell-FCI AOM-2SF)	212.89	28.57
28 46 13 31-1661	EA	Addressable Double Action Station, With AMM-2SF Mini-Mod (Gamewell-FCI MS-7AF)	293.75	57.13
28 46 13 31-1662	EA	Addressable Single Action Pull Station (Gamewell-FCI MS-7ASF)	220.00	28.57
28 46 13 31-1663	EA	Telephone Filters (Gamewell-FCI AOM-TEL-FL).....	35.15	5.71
28 46 13 31-1664		Components And Accessories <small>(28 46 13 31-1637)</small>		
28 46 13 31-1665	EA	Remote LED Annunciator Alarm (Gamewell-FCI RA400Z).....	85.24	22.85
		Note: Mounts on single gang box.		
28 46 13 31-1666	EA	Up To 2' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-1.5)	42.62	11.43
28 46 13 31-1667	EA	>2' To 4' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-3)	45.78	11.43
28 46 13 31-1668	EA	>4' To 8' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-5).....	54.66	14.28
28 46 13 31-1669	EA	>8' To 10' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-10).....	89.63	17.14
28 46 13 31-1670	EA	Remote Test Station With LED Alarm And Magnet Test Switch (Gamewell-FCI RTS451).....	134.26	22.85
		Note: Mounts on single gang box.		
28 46 13 31-1671		Fixed And Rate of Rise Heat Detectors <small>(28 46 13 31-1637)</small>		
28 46 13 31-1672	EA	135 Degree F Fixed Temperature And Rate Of Rise Heat Detector (Gamewell-FCI 5601P)	112.58	42.85
28 46 13 31-1673	EA	194 Degree F Fixed Temperature And Rate Of Rise Heat Detector (Gamewell-FCI 5602).....	112.58	42.85
28 46 13 31-1674	EA	135 Degree F Fixed Temperature Heat Detector (Gamewell-FCI 5603)	108.90	42.85
28 46 13 31-1675	EA	194 Degree F Fixed Temperature Heat Detector (Gamewell-FCI 5604)	108.90	42.85
28 46 13 31-1676		NAC Expander/Power Supply <small>(28 46 13 31-1637)</small>		
28 46 13 31-1677	EA	FireForce 8 NAC Expander/Power Supply, 12/24 Volt DC, 8 Amperes, 4 Notification Appliance Circuits, Built-in Synchronization Protocols For Gamewell, Wheelock, Gentex, Faraday, And System Sensor (Gamewell-FCI FF8).....	2,052.64	457.05
28 46 13 31-1678	EA	6A Supplementary Notification Appliance Circuit Power Supply With Sync (Gamewell-FCI GFPS-6).....	1,752.19	457.05
28 46 13 31-1679	EA	9A Supplementary Notification Appliance Circuit Power Supply With Sync (Gamewell-FCI GFPS-9).....	1,902.41	457.05
28 46 13 31-1680		Batteries And Accessories <small>(28 46 13 31-1594)</small>		
28 46 13 31-1681	EA	B-17R, 12 Volt DC, 17 Ampere Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2010A)	329.11	28.57
28 46 13 31-1682	EA	B-55R, 12 Volt DC, 55 Ampere Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2710A)	844.62	28.57
28 46 13 31-1683	EA	B-7R, 12 Volt DC, 7 Ampere Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2311A)	170.98	28.57
28 46 13 31-1684	EA	BC-1, Battery Cabinet, Beige (Gamewell-FCI 1100-0653).....	400.49	57.13
28 46 13 31-1685	EA	BC-1R, Battery Cabinet, Red (Gamewell-FCI 1100-0654).....	400.49	57.13
28 46 13 31-1686	EA	12" High x 12" Wide x 24" Length Vented Steel Battery Cabinet With Hinged Key Lockable Cover (Gamewell-FCI GW70970)	354.63	57.13
28 46 13 31-1687		Electronic Door Holders <small>(28 46 13 31-1594)</small>		
		Note: Rixson products.		
28 46 13 31-1688	EA	XK-996, Door Holder Extender Kit, 1-1/2" Spacer (Gamewell-FCI 140-30000)	57.92	5.71
28 46 13 31-1689	EA	FM-980, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Floor Mount Door Holder(Gamewell-FCI 140-90000)	465.21	42.85
28 46 13 31-1690	EA	FM-981, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Floor Mount Holder For Double Doors (Gamewell-FCI 140-90001)	637.57	42.85
28 46 13 31-1691	EA	FM-990, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Low Profile Mount Door Holder (Gamewell-FCI 140-90002).....	293.48	42.85
28 46 13 31-1692	EA	FM-996, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Surface Mount Door Holder (Gamewell-FCI 140-90003).....	279.25	42.85
28 46 13 31-1693	EA	FM-997, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Recessed Mount Door Holder (Gamewell-FCI 140-90004).....	293.48	42.85
28 46 13 31-1694	EA	FM-998, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Recessed Mount Door Holder With Concealed Wiring (Gamewell-FCI 140-90005).....	292.85	42.85
28 46 13 31-1695		Fire Alarm Programming <small>(28 46 13 31-1594)</small>		
		Note: For device replacement projects only. Tasks not to be used on projects where a fire alarm panel is replaced.		
28 46 13 31-1696	EA	Program And Test Up To 5 Fire Alarm Devices	500.00	
28 46 13 31-1697	EA	Program And Test >5 To 20 Fire Alarm Devices	1,000.00	
28 46 13 31-1698	EA	Program And Test >20 To 50 Fire Alarm Devices	2,000.00	
28 46 13 31-1699		Fire-Lite Fire Alarm <small>(28 46 13 31-0972)</small>		
28 46 13 31-1700		Addressable Control Panels <small>(28 46 13 31-1699)</small>		
28 46 13 31-1701	EA	25 Point Intelligent Control (Fire Lite MS-25).....	2,052.62	571.32
28 46 13 31-1702	EA	50 Point Intelligent Control (Fire Lite MS-9050UD).....	2,274.02	571.32
28 46 13 31-1703	EA	198-Point Intelligent Control (Fire Lite MS-9200UDLS)	3,186.57	571.32
28 46 13 31-1704	EA	636-Point Intelligent Control (Fire Lite MS-9600LS)	4,728.80	571.32
28 46 13 31-1705	EA	636-Point Intelligent Control (Fire Lite MS-9600UDLS)	4,517.56	571.32
28 46 13 31-1706	EA	IP And 4G Cellular Fire Alarm Communicator For Fire Alarm Control Panel (Fire-Lite IPGSM-4G).....	642.52	
28 46 13 31-1707		Silent Knight Fire Alarm <small>(28 46 13 31-0972)</small>		
28 46 13 31-1708	EA	Addressable Fire Alarm Control Panel With Integrated Emergency Communication System (Silent Knight 5820XL-EVS)	5,524.51	285.66
28 46 13 31-1709	EA	Supervised Remote Command Unit (Silent Knight EVS-RCU)	2,269.53	171.39
28 46 13 31-1710	EA	50 Watt Amplifier (Silent Knight EVS-50W)	1,594.06	114.27
28 46 13 31-1711	EA	125 Watt Amplifier (Silent Knight EVS-125W)	2,877.79	114.27
28 46 13 31-1712	EA	Voice Evacuation System (Silent Knight SKE-450)	2,750.56	114.27

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1713	EA		Fire Fighters Telephone (Silent Knight SK-FFT).....	2,273.41	114.27
28 46 13 31-1714	EA		Multi-Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5820XL).....	2,303.60	171.39
28 46 13 31-1715	EA		Single Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5808).....	1,719.01	114.27
28 46 13 31-1716	EA		Single Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5700).....	1,302.22	114.27
28 46 13 31-1717	EA		Hybrid Conventional Fire Alarm Control/Communicator System (Silent Knight 5600).....	1,115.98	114.27
28 46 13 31-1718	EA		Combination Fire And CO Detector (Silent Knight SK-FIRE-CO).....	353.26	42.85
28 46 13 31-1719	EA		Photoelectric Detector (Silent Knight SK-PHOTO).....	193.41	42.85
28 46 13 31-1720	EA		Photoelectric Thermal Detector (Silent Knight SK-PHOTO-T).....	204.53	42.85
28 46 13 31-1721	EA		Ionization Smoke Detector (Silent Knight SK-ION).....	205.79	42.85
28 46 13 31-1722	EA		135 Degree Fixed Temperature Detector (Silent Knight SK-HEAT).....	177.03	42.85
28 46 13 31-1723	EA		190 Degree Fixed Temperature Detector (Silent Knight SK-HEAT-HT).....	187.19	42.85
28 46 13 31-1724	EA		135 Degree Fixed Temperature Rate-of-Rise Detector (Silent Knight SK-HEAT-ROR).....	190.94	42.85
28 46 13 31-1725	EA		Sounder Base (Silent Knight B200SR).....	120.15	14.28
28 46 13 31-1726	EA		Intelligent Sounder Base (Silent Knight B200S).....	127.59	14.28
28 46 13 31-1727	EA		Isolator Base (Silent Knight B224BI).....	99.14	14.28
28 46 13 31-1728	EA		Relay Base (Silent Knight B224RB).....	100.36	14.28
28 46 13 31-1729	EA		Multi-Criteria Photoelectric Detector With Thermal Sensing (Silent Knight SK-ACCLIMATE).....	209.67	42.85
28 46 13 31-1730	EA		Photoelectric Duct Detector (Silent Knight SK-DUCT).....	348.61	42.85
28 46 13 31-1731	EA		Single-Ended Reflected Beam Smoke Detector (Silent Knight SK-BEAM).....	1,276.27	42.85
28 46 13 31-1732	EA		Single-Ended Reflected Beam Smoke Detector (Silent Knight SK-BEAM-T).....	1,460.30	42.85
28 46 13 31-1733	EA		Dual Monitor Module (Silent Knight SK-MONITOR-2).....	252.58	42.85
28 46 13 31-1734	EA		Supervised Control Module (Silent Knight SK-CONTROL).....	207.28	42.85
28 46 13 31-1735	EA		Six Circuit Supervised Control Module (Silent Knight SK-CONTROL-6).....	735.03	57.13
28 46 13 31-1736	EA		Relay Control Module (Silent Knight SK-RELAY).....	181.10	28.57
28 46 13 31-1737	EA		Six Relay Control Module (Silent Knight SK-RELAY-6).....	709.73	57.13
28 46 13 31-1738	EA		Zone Interface Module (Silent Knight SK-ZONE).....	212.05	42.85
28 46 13 31-1739	EA		Six Zone Interface Module (Silent Knight SK-ZONE-6).....	854.58	57.13
28 46 13 31-1740	EA		Monitor Module (Silent Knight SK-MONITOR).....	179.77	42.85
28 46 13 31-1741	EA		10 Input Monitor Module (Silent Knight SK-MON-10).....	827.00	57.13
28 46 13 31-1742	EA		Monitor Module (Silent Knight SK-MINIMON).....	166.18	42.85
28 46 13 31-1743	EA		Fault Isolator Module (Silent Knight SK-ISO).....	187.19	42.85
28 46 13 31-1744	EA		Addressable Heat Sensor (Silent Knight SD505-AHS).....	183.50	42.85
28 46 13 31-1745	EA		Analog Ionization Smoke Detector (Silent Knight SD505-AIS).....	201.04	42.85
28 46 13 31-1746	EA		Addressable Photoelectric Smoke Detector (Silent Knight SD505-APS).....	187.19	42.85
28 46 13 31-1747	EA		6" Addressable Sounder Base (Silent Knight SD505-6SB).....	148.66	14.28
28 46 13 31-1748	EA		6" Addressable Relay Base (Silent Knight SD505-6RB).....	139.97	14.28
28 46 13 31-1749	EA		6" Isolator Base (Silent Knight SD505-6IB).....	126.37	14.28
28 46 13 31-1750	EA		Addressable Input Module (Silent Knight SD500-AIM).....	185.97	42.85
28 46 13 31-1751	EA		Addressable Notification Module (Silent Knight SD500-ANM).....	233.50	42.85
28 46 13 31-1752	EA		Addressable Relay Module (Silent Knight SD500-ARM).....	207.28	42.85
28 46 13 31-1753	EA		SLC Annunciator Driver Module (Silent Knight SD500-LED).....	840.43	85.70
28 46 13 31-1754	EA		Loop Isolation Module (Silent Knight SD500-LIM).....	194.63	42.85
28 46 13 31-1755	EA		Addressable Mini Input Module (Silent Knight SD500-MIM).....	154.93	28.57
28 46 13 31-1756	EA		Single Action Addressable Pull Station (Silent Knight SD500-PS).....	202.56	28.57
28 46 13 31-1757	EA		Dual Action Addressable Pull Station (Silent Knight SD500-PSDA).....	193.02	28.57
28 46 13 31-1758	EA		Back Box (Silent Knight SK-PSSMBB).....	85.63	22.85
28 46 13 31-1759	EA		Smoke Detector Module (Silent Knight SD500-SDM).....	219.19	42.85
28 46 13 31-1760	EA		Addressable Smoke 4" Detector Base (Silent Knight SD505-4AB).....	51.20	14.28
28 46 13 31-1761	EA		Addressable Smoke 6" Detector Base (Silent Knight SD505-6AB).....	51.20	14.28
28 46 13 31-1762	EA		Addressable Duct Housing (Silent Knight SD505-DUCT).....	364.91	42.85
28 46 13 31-1763	EA		Addressable Duct Housing With Built-In Relay (Silent Knight SD505-DUCTR).....	478.91	42.85
28 46 13 31-1764	EA		Addressable Duct Detector Test Switch (Silent Knight SD505-DTS).....	192.15	42.85
28 46 13 31-1765	EA		Intelligent Power Module (Silent Knight 5895XL).....	1,214.84	114.27
28 46 13 31-1766	EA		Addressable Power Supply (Silent Knight 5496).....	845.03	85.70
28 46 13 31-1767	EA		Relay Interface Board (Silent Knight 5883).....	324.69	28.57
28 46 13 31-1768	EA		Remote LED Annunciator (Silent Knight 5865-3).....	668.34	57.13
28 46 13 31-1769	EA		Remote LED Annunciator (Silent Knight 5865-4).....	759.89	57.13
28 46 13 31-1770	EA		Remote LCD Annunciator (Silent Knight SK-5860).....	709.37	85.70
28 46 13 31-1771	EA		Serial/Parallel Printer Interface (Silent Knight 5824).....	468.96	28.57
28 46 13 31-1772	EA		LED Input/Output Module (Silent Knight / IntelliKnight 5880).....	547.80	42.85
28 46 13 31-1773	EA		Addressable Pull Station (Silent Knight SK-Pull-DA/SA).....	193.02	28.57
28 46 13 31-1774	EA		Digital Fire Communicator with Cabinet (Silent Knight SK-5104).....	677.18	85.70
28 46 13 31-1775	EA		Communicator (Silent Knight IPGSM-4G).....	1,024.88	57.13
28 46 13 31-1776	EA		Ten Zone Conventional Fire Alarm Control Panel (Silent Knight SK-5208).....	1,612.23	114.27
28 46 13 31-1777	EA		10 Zone Expander (Silent Knight SK-5217).....	452.68	28.57
28 46 13 31-1778	EA		Remote Annunciator (Silent Knight SK-5235).....	444.66	57.13
28 46 13 31-1779	EA		Status Display Module (Silent Knight 5280).....	125.23	28.57
28 46 13 31-1780	EA		Serial/Parallel Module (Silent Knight 5824).....	526.10	57.13
28 46 13 31-1781	EA		Four Zone Conventional Fire Alarm Control Panel (Silent Knight SK-4).....	902.17	114.27
28 46 13 31-1782	EA		Four Zone Conventional Fire Alarm Control Panel (Silent Knight SK-4E).....	920.55	114.27
28 46 13 31-1783	EA		Dress Panel (Silent Knight SK-DP2/4).....	168.53	28.57
28 46 13 31-1784	EA		Class A Converter (Silent Knight SK-CAC4).....	448.67	42.85
28 46 13 31-1785	EA		Transmitter Module (Silent Knight SK-4XTM).....	231.13	42.85
28 46 13 31-1786	EA		LED Interface Module (Silent Knight SK-4XLM).....	212.05	42.85
28 46 13 31-1787	EA		110 Volt AC, 3-6 Amperes, Transformer (Silent Knight SK-XRM24).....	221.62	28.57
28 46 13 31-1788	EA		Remote Annunciator (Silent Knight SK-RZA4).....	212.05	42.85
28 46 13 31-1789	EA		Zone Relay Module (Silent Knight SK-4XZM).....	228.73	42.85
28 46 13 31-1790	EA		Two Zone Conventional Fire Alarm Control Panel (Silent Knight SK-2).....	775.71	114.27
28 46 13 31-1791	EA		Remote Battery Box Accessory Cabinet (Silent Knight RBB).....	193.02	28.57
28 46 13 31-1792	EA		Manual Pull Station (single action) (Silent Knight PS-SATK).....	103.29	28.57
28 46 13 31-1793	EA		Manual Pull Station (dual action) (Silent Knight PS-DATK).....	112.50	28.57
28 46 13 31-1794	EA		Manual Pull Station (dual action) (Silent Knight PS-DA).....	109.91	28.57
28 46 13 31-1795	EA		Dual Action Manual Pull Station, Hex Key (Silent Knight PS-DAH).....	97.28	28.57
28 46 13 31-1796	EA		Dual Action Listed Outdoor Manual Pull Station With Black Box (Silent Knight PS-DALOB).....	225.90	34.28
28 46 13 31-1797	EA		6 Amperes, 24 Volt DC, Distributed Power Module (with cabinet) (Silent Knight SK-5495).....	792.15	85.70

28 Electronic Safety and Security**28 40 Life Safety****28 46 Fire Detection and Alarm**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

28 46 13 31-1798	EA	9 Amperes, 24 Volt DC, Distributed Power Module (with cabinet) (Silent Knight SK-5499).....	893.31	85.70
28 46 13 31-1799	EA	Detector (Silent Knight IDP-PhotoR).....	278.66	42.85
28 46 13 31-1800	EA	Monitoring Module (Silent Knight IDP).....	278.83	42.85
28 46 13 31-1801	EA	Cabinet (Silent Knight SK-5207).....	374.51	85.70
28 46 13 31-1802	EA	Innovair IDP-Product (Silent Knight Innovair IDP-Pduct).....	564.93	28.57
28 46 13 31-1803	EA	I/O Input-Output Module (Silent Knight SK-2880).....	768.05	28.57
28 46 13 31-1804	EA	Remote Annunciator (Silent Knight RA-2000).....	2,202.59	85.70
28 46 13 31-1805	EA	Power Supply (Silent Knight 5195/96).....	1,377.41	28.57
28 46 13 31-1806	EA	8 Zone Expander (Silent Knight SK-5210).....	1,072.73	28.57
28 46 13 31-1807	EA	LCD Remote Annunciator (Silent Knight SK-5230).....	421.39	57.13
28 46 13 31-1808	EA	Ionization Smoke Detector (Silent Knight SK-ION).....	205.79	42.85
28 46 13 31-1809	EA	Addressable Relay Module (Silent Knight IDP-Relay).....	238.04	42.85
28 46 13 31-1810	EA	Telephone Line Monitor (Silent Knight SK-7150).....	148.53	28.57
28 46 13 31-1811	EA	Serial Driver Board (Silent Knight SK-2884).....	282.59	28.57
28 46 13 31-1812	EA	Smoke Detector Base (Silent Knight IDP-6AB).....	79.35	14.28
28 46 13 31-1813	EA	Mini Input Module (Silent Knight IDP-MINIMON).....	209.47	28.57
28 46 13 31-1814	EA	Status Display Module (Silent Knight SK-4180).....	788.36	28.57
28 46 13 31-1815	EA	8-Channel Digital Communicator (Silent Knight SK-1420).....	463.37	28.57
28 46 13 31-1816	EA	Serial Parallel Module (Silent Knight SK-4824).....	422.75	28.57
28 46 13 31-1817	EA	Power Supply (Silent Knight SK-5197 / SK-5198).....	1,580.53	28.57
28 46 13 31-1818	EA	4-Zone Fire Alarm Control Panel, Complete (Silent Knight SK-5204).....	2,665.97	114.27
28 46 13 31-1819	EA	Intelligent Ionization Smoke Detector (Silent Knight IDP-ION).....	288.82	42.85
28 46 13 31-1820	EA	Intelligent Photoelectric Smoke Detector (Silent Knight IDP-Photo).....	238.04	42.85
28 46 13 31-1821	EA	Fire Slave Communicator Dialer (Silent Knight SK-5128).....	500.05	28.57
28 46 13 31-1822	EA	Intelligent Power Module (with cabinet) (Silent Knight SK-5496).....	845.03	85.70

28 46 13 31-1823 Alerton Fire Alarm (28 46 13 31)

28 46 13 31-1824	EA	UL Listed Surge Protector In CHS-M3 Or CPU2-640 Chassis (Alerton ESD-100).....	528.04	8.57
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28 46 13 31-1825 Cooper Fire Alarm (28 46 13 31)

28 46 13 31-1826	EA	Single Circuit Class A / Multiple B, 12 Or 24 Volt DC, Sync Module (Cooper DSM-12/24-R).....	177.51	28.57
28 46 13 31-1827	EA	Red Lens, 21 Joules, 24 Volt DC, Class I, Div 1, Groups C, D, NEMA 4X And 6, Strobe (Cooper EP109205-001).....	4,382.34	48.56
28 46 13 31-1828	EA	Red, 100 dB, 24 Volt DC, Class I, Div 1, Groups C, D, NEMA 4X, Multitone Horn (Cooper EP109206-002).....	5,783.24	48.56
28 46 13 31-1829	EA	Red Lens, 5 Joules, 24 Volt DC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-001).....	2,102.00	57.13
28 46 13 31-1830	EA	Clear Lens, 5 Joules, 24 Volt DC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-002).....	2,114.45	57.13
28 46 13 31-1831	EA	Amber Lens, 5 Joules, 110 Volt AC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-007).....	2,114.45	57.13
28 46 13 31-1832	EA	Red Lens, 10 Joules, 24 Volt DC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-001).....	1,563.43	57.13
28 46 13 31-1833	EA	Amber Lens, 10 Joules, 120 Volt AC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-003).....	1,563.43	57.13
28 46 13 31-1834	EA	Red Lens, 10 Joules, 120 Volt AC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-004).....	1,563.43	57.13
28 46 13 31-1835	EA	Amber Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Backstrap, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-005).....	2,114.45	57.13
28 46 13 31-1836	EA	Amber Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Pendant Mounted, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-006).....	2,114.45	57.13
28 46 13 31-1837	EA	Red Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Backstrap, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-007).....	2,114.45	57.13
28 46 13 31-1838	EA	Red Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Pendant Mounted, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-008).....	2,114.45	57.13
28 46 13 31-1839	EA	Red Lens, 15 Joules, 24 Volt DC, Wire Guard, Blackstrap, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109203-002).....	2,114.45	57.13
28 46 13 31-1840	EA	Red Lens, 21 Joules, 24 Volt DC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-001).....	2,436.66	57.13
28 46 13 31-1841	EA	Red Lens, 21 Joules, 24 Volt DC, Black Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-003).....	2,262.32	57.13
28 46 13 31-1842	EA	Amber Lens, 21 Joules, 110 Volt AC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-005).....	2,262.32	57.13
28 46 13 31-1843	EA	Red Lens, 21 Joules, 110 Volt AC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-006).....	2,262.32	57.13

28 46 13 31-1844 Light Engineered Displays Message Boards (28 46 13 31)

28 46 13 31-1845	EA	Two Message Sign, Announcement And Evacuate (LED SP-2/MNS).....	896.92	34.28
28 46 13 31-1846	EA	Four Message Sign, Fire, Weather, Announcement, E Voltuete (LED SP-4).....	790.30	34.28

28 46 13 31-1847 Safety Technology International Fire Alarm (28 46 13 31)**28 46 13 31-1848 Enclosures** (28 46 13 31-1847)

28 46 13 31-1849	EA	6" Height x 6" Width x 4" Depth, Opaque, Fiberglass Enclosure (STI EF060604-O).....	157.91	17.14
28 46 13 31-1850	EA	6" Height x 6" Width x 4" Depth, Opaque, Fiberglass Enclosure With Window (STI EF060604-W).....	207.58	17.14
28 46 13 31-1851	EA	8" Height x 6" Width x 4" Depth, Opaque, Fiberglass Enclosure (STI EF080604-O).....	161.22	17.14
28 46 13 31-1852	EA	8" Height x 6" Width x 4" Depth, Opaque, Fiberglass Enclosure With Window (STI EF080604-W).....	208.69	17.14
28 46 13 31-1853	EA	8" Height x 8" Width x 4" Depth, Opaque, Fiberglass Enclosure (STI EF080804-O).....	165.64	17.14
28 46 13 31-1854	EA	8" Height x 8" Width x 4" Depth, Opaque, Fiberglass Enclosure With Window (STI EF080804-W).....	241.80	17.14
28 46 13 31-1855	EA	10" Height x 8" Width x 6" Depth, Opaque, Fiberglass Enclosure (STI EF100806-O).....	173.36	17.14
28 46 13 31-1856	EA	10" Height x 8" Width x 6" Depth, Opaque, Fiberglass Enclosure With Window (STI EF100806-W).....	240.70	17.14
28 46 13 31-1857	EA	12" Height x 10" Width x 6" Depth, Opaque, Fiberglass Enclosure (STI EF121006-O).....	186.61	17.14
28 46 13 31-1858	EA	12" Height x 10" Width x 6" Depth, Opaque, Fiberglass Enclosure With Window (STI EF121006-W).....	261.67	17.14
28 46 13 31-1859	EA	14" Height x 12" Width x 6" Depth, Opaque, Fiberglass Enclosure (STI EF141206-O).....	223.03	17.14

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1860	EA		14" Height x 12" Width x 6" Depth, Opaque, Fiberglass Enclosure With Window (STI EF141206-W).....	341.14	17.14
28 46 13 31-1861	EA		14" Height x 12" Width x 8" Depth, Opaque, Fiberglass Enclosure (STI EF141208-O).....	240.70	17.14
28 46 13 31-1862	EA		14" Height x 12" Width x 8" Depth, Opaque, Fiberglass Enclosure With Window (STI EF141208-W).....	431.66	17.14
28 46 13 31-1863	EA		16" Height x 14" Width x 8" Depth, Opaque, Fiberglass Enclosure (STI EF161408-O).....	256.15	17.14
28 46 13 31-1864	EA		16" Height x 14" Width x 8" Depth, Opaque, Fiberglass Enclosure With Window (STI EF161408-W).....	444.90	17.14
28 46 13 31-1865	EA		18" Height x 16" Width x 10" Depth, Opaque, Fiberglass Enclosure (STI EF181610-O).....	305.82	17.14
28 46 13 31-1866	EA		18" Height x 16" Width x 10" Depth, Opaque, Fiberglass Enclosure With Window (STI EF181610-W).....	457.05	17.14
28 46 13 31-1867	EA		20" Height x 16" Width x 10" Depth, Opaque, Fiberglass Enclosure (STI EF201610-O).....	444.90	17.14
28 46 13 31-1868	EA		20" Height x 16" Width x 10" Depth, Opaque, Fiberglass Enclosure With Window (STI EF201610-W).....	663.46	17.14
28 46 13 31-1869	EA		6" Height x 6" Width x 5" Depth, Opaque, Polycarbonate Enclosure (STI EP060605-O).....	115.96	17.14
28 46 13 31-1870	EA		6" Height x 6" Width x 5" Depth, Tinted, Polycarbonate Enclosure (STI EP060605-T).....	127.00	17.14
28 46 13 31-1871	EA		8" Height x 6" Width x 5" Depth, Opaque, Polycarbonate Enclosure (STI EP080605-O).....	120.93	17.14
28 46 13 31-1872	EA		8" Height x 6" Width x 5" Depth, Tinted, Polycarbonate Enclosure (STI EP080605-T).....	130.31	17.14
28 46 13 31-1873	EA		8" Height x 8" Width x 5" Depth, Opaque, Polycarbonate Enclosure (STI EP080805-O).....	125.35	17.14
28 46 13 31-1874	EA		8" Height x 8" Width x 5" Depth, Tinted, Polycarbonate Enclosure (STI EP080805-T).....	136.38	17.14
28 46 13 31-1875	EA		10" Height x 8" Width x 6" Depth, Opaque, Polycarbonate Enclosure (STI EP100806-O).....	127.00	17.14
28 46 13 31-1876	EA		10" Height x 8" Width x 6" Depth, Tinted, Polycarbonate Enclosure (STI EP100806-T).....	149.63	17.14
28 46 13 31-1877	EA		10" Height x 8" Width x 7" Depth, Opaque, Polycarbonate Enclosure (STI EP100807-O).....	133.62	17.14
28 46 13 31-1878	EA		10" Height x 8" Width x 7" Depth, Tinted, Polycarbonate Enclosure (STI EP100807-T).....	154.05	17.14
28 46 13 31-1879	EA		10" Height x 10" Width x 6" Depth, Opaque, Polycarbonate Enclosure (STI EP101006-O).....	139.70	17.14
28 46 13 31-1880	EA		10" Height x 10" Width x 6" Depth, Tinted, Polycarbonate Enclosure (STI EP101006-T).....	156.81	17.14
28 46 13 31-1881	EA		12" Height x 10" Width x 7" Depth, Opaque, Polycarbonate Enclosure (STI EP121007-O).....	141.35	17.14
28 46 13 31-1882	EA		12" Height x 10" Width x 7" Depth, Tinted, Polycarbonate Enclosure (STI EP121007-T).....	162.32	17.14
28 46 13 31-1883	EA		14" Height x 12" Width x 7" Depth, Opaque, Polycarbonate Enclosure (STI EP141207-O).....	166.74	17.14
28 46 13 31-1884	EA		14" Height x 12" Width x 7" Depth, Tinted, Polycarbonate Enclosure (STI EP141207-T).....	208.69	17.14
28 46 13 31-1885	EA		16" Height x 14" Width x 9" Depth, Opaque, Polycarbonate Enclosure (STI EP161409-O).....	184.40	17.14
28 46 13 31-1886	EA		16" Height x 14" Width x 9" Depth, Tinted, Polycarbonate Enclosure (STI EP161409-T).....	250.63	17.14
28 46 13 31-1887	EA		18" Height x 16" Width x 5" Depth, Opaque, Polycarbonate Enclosure (STI EP181604-O).....	205.37	17.14
28 46 13 31-1888	EA		18" Height x 16" Width x 5" Depth, Tinted, Polycarbonate Enclosure (STI EP181604-T).....	269.40	17.14
28 46 13 31-1889	EA		18" Height x 16" Width x 11" Depth, Opaque, Polycarbonate Enclosure (STI EP181611-O).....	234.07	17.14
28 46 13 31-1890	EA		18" Height x 16" Width x 11" Depth, Tinted, Polycarbonate Enclosure (STI EP181611-T).....	316.86	17.14
28 46 13 31-1891	EA		20" Height x 16" Width x 9" Depth, Opaque, Polycarbonate Enclosure (STI EP201608-O).....	376.47	17.14
28 46 13 31-1892	EA		20" Height x 16" Width x 9" Depth, Tinted, Polycarbonate Enclosure (STI EP201608-T).....	394.13	17.14
28 46 13 31-1893	EA		24" Height x 24" Width x 10" Depth, Opaque, Polycarbonate Enclosure (STI EP242410-O).....	570.74	17.14
28 46 13 31-1894	EA		24" Height x 24" Width x 10" Depth, Tinted, Polycarbonate Enclosure (STI EP242410-T).....	662.36	17.14
28 46 13 31-1895 STI® Fire Alarm Devices (28 46 13 31-1847)					
28 46 13 31-1896	EA		Pull Station Polycarbonate Cover, Semi Flush With Horn (STI-1100).....	190.47	17.14
Note: Includes 9 Volt DC self contained battery.					
28 46 13 31-1897	EA		Surface Mounted, Manual Pull Station Polycarbonate Cover With Horn (STI-1130).....	208.69	17.14
28 46 13 31-1898	EA		Flush Mounted, Manual Pull Station Polycarbonate Cover (STI-1200).....	119.55	17.14
28 46 13 31-1899	EA		Surface Mounted, Horn Strobe Polycarbonate Cover (STI-1210D).....	120.65	17.14
Note: For surface mounted horn strobes.					
28 46 13 31-1900	EA		Flush Mounted, Horn Strobe Polycarbonate Cover (STI-1210E).....	106.30	17.14
28 46 13 31-1901	EA		Strobe Damage Stopper And Open Backbox With Conduit Knockout (STI-1221D).....	120.65	17.14
Note: For surface mounted strobe.					
28 46 13 31-1902	EA		Strobe Damage Stopper And Open Backbox, Semi Flush (STI-1221E).....	95.54	17.14
28 46 13 31-1903	EA		NEMA 4X Rated Polycarbonate Dome Cover (STI-1229).....	236.28	17.14
28 46 13 31-1904	EA		Surface Mounted, Manual Pull Station Polycarbonate Cover (STI-1230).....	154.60	17.14
Note: For surface mounted pull stations.					
28 46 13 31-1905	EA		Backplate For Polycarbonate Cover (STI-1280).....	69.16	17.14
28 46 13 31-1906	EA		Conduit Gasket For Polycarbonate Cover (STI-3003).....	47.53	17.14
28 46 13 31-1907	EA		Conduit Spacer For Surface Mounted Polycarbonate Cover (STI-3100).....	70.38	17.14
28 46 13 31-1908	EA		Weather Resistant, Surface Mounted, Manual Pull Station Polycarbonate Cover (STI-3150).....	173.91	17.14
28 46 13 31-1909	EA		8.5" x 6.5" x 4.6", Thumb Lock, Lockable Enclosure (STI-7511A).....	142.46	17.14
28 46 13 31-1910	EA		Flush Mounted, Smoke Detector Polycarbonate Cover (STI-8100).....	102.72	17.14
28 46 13 31-1911	EA		Flush Mounted, Low Profile, Smoke Detector Steel Wire Cover (STI-9601).....	96.65	17.14
28 46 13 31-1912	EA		Surface Mounted, Low Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9602).....	93.06	17.14
28 46 13 31-1913	EA		Flush Mounted, Mini Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9604).....	96.65	17.14
28 46 13 31-1914	EA		Surface Mounted, Mini Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9605).....	93.06	17.14
28 46 13 31-1915	EA		Flush Mounted, High Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9609).....	96.65	17.14
28 46 13 31-1916	EA		Surface Mounted, High Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9610).....	93.06	17.14
28 46 13 31-1917	EA		Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9625).....	191.58	17.14
28 46 13 31-1918	EA		White, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9705).....	85.83	17.14
28 46 13 31-1919	EA		Red, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9705-R).....	101.21	17.14
28 46 13 31-1920	EA		Flush Mounted, Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9706).....	135.28	17.14
28 46 13 31-1921	EA		Surface Mounted, Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9707).....	135.28	17.14
28 46 13 31-1922	EA		White, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9708).....	95.54	17.14
28 46 13 31-1923	EA		Red, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9708-R).....	95.54	17.14
28 46 13 31-1924	EA		White, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9711).....	85.83	17.14
28 46 13 31-1925	EA		Flush Mounted, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9713).....	95.54	17.14
28 46 13 31-1926	EA		White, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9714).....	95.54	17.14
28 46 13 31-1927	EA		Yellow, High Threat, Push Button Station (STI SS-2201).....	124.15	8.57
28 46 13 31-1928	EA		Gasket Kit For STI Covers (STI SUB-121).....	51.02	
28 46 13 31-1929	EA		Universal Cover With Horn, Flush Mount, Momentary Button, Exit Label, Green Stopper Station (STI SS-2144XT).....	250.63	17.14
28 46 13 31-1930	EA		No Cover, Push And Turn-To-Reset Button, Evacuation Label, Yellow Stopper Station (STI SS-2201EV).....	133.07	17.14
28 46 13 31-1931	EA		No Cover, Push And Key-To-Rest Button, Emergency Label, Blue Stopper Station (STI SS-2400EM).....	133.07	17.14
28 46 13 31-1932	EA		Universal Cover With Horn, Flush Mount, Push And Key-To-Reset Button, Emergency Label, Blue Stopper Station (STI SS-2440EM).....	250.63	17.14
28 46 13 31-1933	EA		Flush Mounted, Weather Stopper II (STI-1250).....	143.84	17.14
28 46 13 31-1934	EA		Flush Mounted, Clear, Universal Stopper (STI-1300NC).....	93.06	17.14
28 46 13 31-1935	EA		Flush Mounted, Universal, Fire Label, Red, Stopper With Horn (STI-13020FR).....	165.08	17.14
28 46 13 31-1936	EA		Surface Mounted, Clear, Universal Stopper (STI-1320NC).....	113.76	17.14
28 46 13 31-1937	EA		Surface Mounted, Fire Label, Red, Universal Stopper (STI-13210FR).....	124.79	17.14
28 46 13 31-1938	EA		Surface Mounted, No Label, White, Universal Stopper (STI-13210NW).....	136.38	17.14

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MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

28 46 13 31-1939	EA	Surface Mounted, No Label, Yellow, Universal Stopper (STI-13210NY)	136.38	17.14
28 46 13 31-1940	EA	Surface Mounted, Fire Label, Red, Universal Stopper With Horn (STI-13220FR)	185.50	17.14
28 46 13 31-1941	EA	Surface Mounted, No Label, Yellow, Universal Stopper With Horn (STI-13220NY)	196.54	17.14
28 46 13 31-1942	EA	Surface Mounted, Fire Label, Red, Universal Stopper With Horn And Relay (STI-13230FR)	235.18	17.14
28 46 13 31-1943	EA	Stopper II, Weather Gasket (STI-3002)	46.37	17.14
28 46 13 31-1944	EA	Large, Break Glass Stopper (STI-4100)	135.28	17.14
28 46 13 31-1945	EA	Stopper "G" Standard Break Glass Cover (STI-6100)	130.31	17.14
28 46 13 31-1946	EA	Clear, Polycarbonate Enclosure With Deep Back Box And Exterior Key Lock (STI-7510A)	125.62	17.14
28 46 13 31-1947	EA	Polycarbonate Multi-Purpose Enclosure With Backplate And Key Lock (STI-7530)	347.77	17.14
28 46 13 31-1948	EA	Heated, Metal, Protective Cabinet (STI-7560AH)	4,957.36	17.14
28 46 13 31-1949	EA	Stainless Steel Guard (STI-9604SS)	88.37	17.14
28 46 13 31-1950	EA	5-3/4" Width x 4-1/2" Depth, Motion Detector Guard (STI-9621)	78.71	17.14

28 46 13 31-1951 System Sensor Fire Alarm (28 46 13 31)**28 46 13 31-1952 Smoke Detectors** (28 46 13 31-1951)

28 46 13 31-1953	EA	Beam Detector Heater Kit (System Sensor BEAMHK)	54.98	5.71
28 46 13 31-1954	EA	Reflectors, Beam Detector Heater Kit (System Sensor BEAMHKR)	229.69	5.71
Note: Four used with long range kit.				
28 46 13 31-1955	EA	Projected Beam Smoke Detector Long Range Kit (System Sensor BEAMLRK)	284.57	57.13
28 46 13 31-1956	EA	Wall Or Ceiling Mounted, Projected Beam Smoke Detector Multi-Mount Kit (System Sensor BEAMMMK)	209.70	57.13
28 46 13 31-1957	EA	Projected Beam Smoke Detector Surface Mounted Kit (System Sensor BEAMSMK)	171.53	57.13
28 46 13 31-1958	EA	Two Wire, Photoelectric Smoke Detector (System Sensor 2W-B)	157.02	42.85
28 46 13 31-1959	EA	Two Wire, Photoelectric Smoke Detector With Thermal Sensor (System Sensor 2WT-B)	156.90	42.85
28 46 13 31-1960	EA	Two Wire, Photoelectric Smoke Detector With Thermal Sensor And Built In Sounder (System Sensor 2WTA-B)	164.70	42.85
28 46 13 31-1961	EA	Four Wire, Photoelectric Smoke Detector (System Sensor 4W-B)	159.49	42.85
28 46 13 31-1962	EA	Four Wire, Photoelectric Smoke Detector With Thermal Sensor, 12/24 Volt DC (System Sensor 4WT-B)	166.69	42.85
28 46 13 31-1963	EA	Four Wire, Photoelectric Smoke Detector With Thermal Sensor And Built In Sounder (System Sensor 4WTA-B)	168.54	42.85
28 46 13 31-1964	EA	Four Wire, Photoelectric Smoke Detector With Isolated Thermal Sensor, Built In Sounder, Form C Relay (System Sensor 4WITAR-B)	253.81	42.85
28 46 13 31-1965	EA	Photoelectric, Low-Profile, Smoke Detector Head (System Sensor 2151)	147.41	28.57
28 46 13 31-1966	EA	Photoelectric With Thermal Sensor, Low-Profile, Smoke Detector Head (System Sensor 2151T)	169.20	28.57
Note: Requires B100 series base.				
28 46 13 31-1967	EA	Heavy Duty Multi-Mount Kit (System Sensor 6500-MMK)	265.43	14.28
28 46 13 31-1968	EA	Surface-Mount Kit For Use With Beam1224 And FSB-200 When Using 6500-MMK Heavy Duty Multi-Mount Kit (System Sensor 6500-SMK)	91.45	14.28
28 46 13 31-1969	EA	Four Wire, Low Profile, Plug In Detector (System Sensor 2D51)	177.94	42.85

28 46 13 31-1970 Duct Smoke Detectors (28 46 13 31-1951)

28 46 13 31-1971	EA	Two Wire Conventional Photoelectric Duct Detector (Includes 2151 Detector) (System Sensor D2)	342.13	42.85
28 46 13 31-1972	EA	Four Wire Conventional Photoelectric Duct Detector (Includes 2D51 Detector) (System Sensor D4120)	339.19	42.85
28 46 13 31-1973	EA	Watertight, Four Wire Conventional Photoelectric Duct Detector (Includes 2D51 Detector) (System Sensor D4120W)	444.58	48.56
28 46 13 31-1974	EA	System Only, Four Wire Conventional Photoelectric Duct Detector (System Sensor D4S)	223.52	28.57
28 46 13 31-1975	EA	Duct Accessory Coil (Required On DNR If A Remote Test Station Is Used) (System Sensor DCOIL)	60.69	8.57
28 46 13 31-1976	EA	Intelligent, Non-Relay, Duct Smoke Detector Housing (System Sensor DNR)	191.54	22.85
28 46 13 31-1977	EA	Watertight, Intelligent, Non-Relay, Duct Smoke Detector Housing (System Sensor DNRW)	310.62	28.57
28 46 13 31-1978	EA	1' Steel Sampling Tube (System Sensor DST1)	35.48	11.43
28 46 13 31-1979	EA	1.5' Steel Sampling Tube (System Sensor DST1.5)	38.80	11.43
28 46 13 31-1980	EA	3' Steel Sampling Tube (System Sensor DST3)	43.84	11.43
28 46 13 31-1981	EA	5' Steel Sampling Tube (System Sensor DST5)	51.06	14.28
28 46 13 31-1982	EA	10' Steel Sampling Tube (System Sensor DST10)	83.12	17.14
28 46 13 31-1983	EA	1' Steel, Exhaust Tube Duct (System Sensor ETX)	40.17	11.43
28 46 13 31-1984	EA	Remote Test Station For Duct Smoke Detector (System Sensor RTS151)	91.21	14.28
28 46 13 31-1985	EA	Detector Installation/Removal Tool Kit For 700 Series Detectors (System Sensor XR2)	196.24	14.28
28 46 13 31-1986	EA	Detector Installation/Removal Tool Kit For 800 And 355 Series Detectors (System Sensor XR2B)	210.92	14.28

28 46 13 31-1987 Heat Detectors (28 46 13 31-1951)

28 46 13 31-1988	EA	Single Circuit, 135 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5601P)	108.74	42.85
28 46 13 31-1989	EA	Single Circuit, 194 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5602)	108.90	42.85
28 46 13 31-1990	EA	Dual Circuit, 135 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5621)	126.32	42.85
28 46 13 31-1991	EA	Dual Circuit, 194 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5622)	126.32	42.85
28 46 13 31-1992	EA	Dual Circuit, 135 Degree F, Fixed Temperature Heat Detector (System Sensor 5623)	141.27	42.85
28 46 13 31-1993	EA	Dual Circuit, 194 Degree F, Fixed Temperature Heat Detector (System Sensor 5624)	141.27	42.85

28 46 13 31-1994 Horns (28 46 13 31-1951)

28 46 13 31-1995	EA	Red, Mini Horn (System Sensor MHR)	116.78	42.85
28 46 13 31-1996	EA	White, Mini Horn (System Sensor MHW)	116.78	42.85
28 46 13 31-1997	EA	White, 12/24 Volt DC, Wall Mounted Horn Only (System Sensor HWL)	118.29	42.85
28 46 13 31-1998	EA	Red, Outdoor, Wall Mounted Replacement Horn (System Sensor HRK-R)	148.32	48.56
28 46 13 31-1999	EA	Red, Indoor, Wall Mounted, Horn (System Sensor HRL)	118.29	42.85
28 46 13 31-2000	EA	Red, Outdoor, Wall Mounted, Horn (System Sensor HRK)	157.02	42.85
28 46 13 31-2001	EA	White, Indoor, Wall Mounted, Compact Horn (System Sensor HGRL)	118.78	42.85
28 46 13 31-2002	EA	Red, Indoor, Wall Mounted, Compact Horn (System Sensor HGWL)	118.78	42.85

28 46 13 31-2003 Wall Mounted Horns/Strobes (28 46 13 31-1951)

28 46 13 31-2004	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RL)	159.11	42.85
28 46 13 31-2005	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RH)	213.34	42.85

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2006	EA		Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK).....	234.15	48.56
28 46 13 31-2007	EA		Plain, Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK-P).....	228.77	48.56
28 46 13 31-2008	EA		Outdoor Backbox, Red, 120 Volt AC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK-120).....	239.29	48.56
28 46 13 31-2009	EA		Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK).....	233.42	48.56
28 46 13 31-2010	EA		Plain, Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK-P).....	221.92	48.56
28 46 13 31-2011	EA		Outdoor, Red, , Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK-R).....	193.12	42.85
28 46 13 31-2012	EA		Plain, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RL-P).....	155.68	42.85
28 46 13 31-2013	EA		White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WL).....	159.11	42.85
28 46 13 31-2014	EA		White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WH).....	214.89	42.85
28 46 13 31-2015	EA		Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WHK).....	226.81	48.56
28 46 13 31-2016	EA		Plain, Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WHK-P).....	228.77	48.56
28 46 13 31-2017	EA		Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WH-P).....	213.34	42.85
28 46 13 31-2018	EA		Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WK).....	240.76	48.56
28 46 13 31-2019	EA		Plain, Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WK-P).....	221.92	48.56
28 46 13 31-2020	EA		Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WL-P).....	154.95	42.85
28 46 13 31-2021	EA		Red, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RL).....	189.94	42.85
28 46 13 31-2022	EA		Red, Four Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P4RH).....	196.52	42.85
28 46 13 31-2023	EA		Outdoor Backbox, Red, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RK).....	226.60	48.56
28 46 13 31-2024	EA		Outdoor, Red, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RK-R).....	217.03	48.56
28 46 13 31-2025	EA		White, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4WL).....	189.94	42.85
28 46 13 31-2026	EA		Outdoor Backbox, White, Four Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor PC4WHK).....	271.46	48.56
28 46 13 31-2027	EA		Outdoor Backbox, White, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4WK).....	229.26	48.56
28 46 13 31-2028	EA		Red, 24 Volt DC, Low-frequency, Selectable Intensity (15, 30, 75, 95, 110, 135 And 185 Candela) Multi-Candela, Wall Mounted, Horn/Strobe (System Sensor P2RL-LF).....	232.51	42.85
28 46 13 31-2029	EA		White, 24 Volt DC, Low-frequency, Selectable Intensity (15, 30, 75, 95, 110, 135 And 185 Candela) Multi-Candela, Wall Mounted, Horn/Strobe (System Sensor P2WL-LF).....	232.51	42.85
28 46 13 31-2030	EA		Red, 12/24 Volt DC, Two Wire, Selectable Intensity (15, 30, 75, 95, 110, 135 And 185 Candela) Multi-Candela, Wall Mounted, Compact Horn Strobe (System Sensor P2GRL).....	158.62	42.85
28 46 13 31-2031	EA		White, 12/24 Volt DC, Two Wire, Selectable Intensity (15, 30, 75, 95, 110, 135 And 185 Candela) Multi-Candela, Wall Mounted, Compact Horn Strobe (System Sensor P2GWL).....	158.62	42.85
28 46 13 31-2032			Ceiling Mounted Horns/Strobes (28 46 13 31-1951)		
28 46 13 31-2033	EA		Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RL).....	161.55	42.85
28 46 13 31-2034	EA		Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RH).....	216.45	42.85
28 46 13 31-2035	EA		Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RHK).....	226.81	48.56
28 46 13 31-2036	EA		Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RK).....	220.45	48.56
28 46 13 31-2037	EA		Plain, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2R-P).....	205.56	42.85
28 46 13 31-2038	EA		White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WL).....	161.55	42.85
28 46 13 31-2039	EA		White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WH).....	216.45	42.85
28 46 13 31-2040	EA		Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WHK).....	226.81	48.56
28 46 13 31-2041	EA		Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WH-P).....	216.45	42.85
28 46 13 31-2042	EA		Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WK).....	220.45	48.56
28 46 13 31-2043	EA		Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2W-P).....	204.00	42.85
28 46 13 31-2044	EA		Red, Ceiling Mounted, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Horn/Strobe (System Sensor PC4RL).....	191.16	42.85
28 46 13 31-2045	EA		Red, Ceiling Mounted, Four Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Horn/Strobe (System Sensor PC4RH).....	196.52	42.85
28 46 13 31-2046	EA		White, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC4WL).....	191.16	42.85
28 46 13 31-2047			Wall Mounted Strobes (28 46 13 31-1951)		
28 46 13 31-2048	EA		White Strobe Expander Plate Backbox Skirt (System Sensor SEP-BBSW).....	72.52	14.28
28 46 13 31-2049	EA		White Strobe Expander Plate With Standard Candela (System Sensor SEP-SW).....	138.43	14.28

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MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT
UNIT COSTDEMOLITION
UNIT COST

28 46 13 31-2050	EA	Red, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRL).....	144.18	42.85
28 46 13 31-2051	EA	Red, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRH).....	167.99	42.85
28 46 13 31-2052	EA	Red, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK).....	203.56	48.56
28 46 13 31-2053	EA	Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK).....	201.36	48.56
28 46 13 31-2054	EA	Red, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK-P).....	204.30	48.56
28 46 13 31-2055	EA	Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK-R).....	180.32	48.56
28 46 13 31-2056	EA	Red, Plain, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRL-P).....	142.96	42.85
28 46 13 31-2057	EA	White, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL).....	143.69	42.85
28 46 13 31-2058	EA	White, Amber Lens, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL-ALERT).....	155.19	42.85
28 46 13 31-2059	EA	White, Clear Lens, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL-CLR-ALERT).....	193.10	42.85
28 46 13 31-2060	EA	White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH).....	202.44	42.85
28 46 13 31-2061	EA	White, Amber Lens, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH-ALERT).....	200.89	42.85
28 46 13 31-2062	EA	White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH-P).....	200.89	42.85
28 46 13 31-2063	EA	Red, Plain, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK-P).....	207.24	48.56
28 46 13 31-2064	EA	White, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWHK).....	205.04	48.56
28 46 13 31-2065	EA	White, Plain, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWHK-P).....	206.75	48.56
28 46 13 31-2066	EA	Red, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK-R).....	216.99	48.56
28 46 13 31-2067	EA	White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Strobe (System Sensor SWK).....	203.08	48.56
28 46 13 31-2068	EA	White, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Strobe (System Sensor SWK-P).....	204.06	48.56
28 46 13 31-2069	EA	White, Plain, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL-P).....	142.71	42.85
28 46 13 31-2070	EA	Amber, Wall Strobe Lens Attachment (System Sensor LENS-A).....	24.89	5.71
28 46 13 31-2071	EA	Blue, Wall Strobe Lens Attachment (System Sensor LENS-B).....	24.89	5.71
28 46 13 31-2072	EA	Green, Wall Strobe Lens Attachment (System Sensor LENS-G).....	24.89	5.71
28 46 13 31-2073	EA	Red, Wall Strobe Lens Attachment (System Sensor LENS-R).....	24.89	5.71
28 46 13 31-2074	EA	Red, 12/24 Volt DC, Wall Mounted, L-Series Compact Strobe (System Sensor SGRL).....	146.14	42.85
28 46 13 31-2075	EA	White, 12/24 Volt DC, Wall Mounted, L-Series Compact Strobe (System Sensor SGWL).....	143.45	42.85
28 46 13 31-2076	EA	L-Series, Amber, Wall Strobe Lens Attachment (System Sensor LENS-A2, AC2).....	24.89	5.71
28 46 13 31-2077	EA	L-Series, Blue, Wall Strobe Lens Attachment (System Sensor LENS-B2, BC2).....	24.89	5.71
28 46 13 31-2078	EA	L-Series, Green, Wall Strobe Lens Attachment (System Sensor LENS-G2, GC2).....	24.89	5.71
28 46 13 31-2079	EA	L-Series, Red, Wall Strobe Lens Attachment (System Sensor LENS-R2, RC2).....	24.89	5.71
28 46 13 31-2080	EA	Red, 8 Multi-tone, 12 VDC, 1575CD, Wall Mounted Strobe (Wheelock MT-121575W-FR).....	255.45	42.85
28 46 13 31-2081	EA	White, 8 Multi-tone, 12 VDC, 1575CD, No Lettering, Wall Mounted Strobe (Wheelock MT-121575W-NW).....	255.45	42.85
28 46 13 31-2082	EA	L-Series, White, Clear Lens, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL-CLR-ALERT).....	208.22	48.56

28 46 13 31-2083 Ceiling Mounted Strobes (28 46 13 31-1951)

28 46 13 31-2084	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCRL).....	146.87	42.85
28 46 13 31-2085	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCRH).....	170.18	42.85
28 46 13 31-2086	EA	Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCRHK).....	203.56	48.56
28 46 13 31-2087	EA	Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCRK).....	203.56	48.56
28 46 13 31-2088	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCWL).....	146.87	42.85
28 46 13 31-2089	EA	Clear Lens, White, Two Wire, 12/24 Volt DC, Standard Candela, Ceiling Mounted Strobe (System Sensor SCWL-CLR-ALERT).....	156.66	42.85
28 46 13 31-2090	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCWH).....	205.56	42.85
28 46 13 31-2091	EA	Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCWHK).....	205.04	48.56
28 46 13 31-2092	EA	Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCWK).....	203.08	48.56
28 46 13 31-2093	EA	Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCW-P).....	182.21	42.85
28 46 13 31-2094	EA	Blue, Ceiling Strobe Lens Attachment (System Sensor LENS-BC).....	24.89	5.71
28 46 13 31-2095	EA	Red, Ceiling Strobe Lens Attachment (System Sensor LENS-RC).....	24.89	5.71
28 46 13 31-2096	EA	Green, Ceiling Strobe Lens Attachment (System Sensor LENS-GC).....	24.89	5.71
28 46 13 31-2097	EA	Amber, Ceiling Strobe Lens Attachment (System Sensor LENS-AC).....	24.89	5.71

28 46 13 31-2098 Wall Mounted Speakers (28 46 13 31-1951)

28 46 13 31-2099	EA	24 Volt DC, 4 Field Selectable Sound Pulse Patterns, Directional Sound Speaker With Voice And Integral Audio Amplifier (System Sensor PF24V).....	370.51	42.85
28 46 13 31-2100	EA	Red, Wall Mounted Speaker (System Sensor SPRL).....	124.36	42.85

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2101	EA		Red, Outdoor, Wall Mounted Speaker (System Sensor SPRK).....	195.81	42.85
28 46 13 31-2102	EA		Red, Outdoor, Wall Mounted Speaker (System Sensor SPRK-R).....	164.66	48.56
28 46 13 31-2103	EA		Red, High dB, Wall Mounted Speaker (System Sensor SPRV).....	140.56	42.85
28 46 13 31-2104	EA		White, Wall Mounted Speaker (System Sensor SPWL).....	124.36	42.85
28 46 13 31-2105	EA		White, Outdoor, Wall Mounted Speaker (System Sensor SPWK).....	206.26	48.56
28 46 13 31-2106	EA		White, High dB, Wall Mounted Speaker (System Sensor SPWV).....	139.43	42.85
28 46 13 31-2107			Ceiling Mounted Speakers (28 46 13 31-1951)		
28 46 13 31-2108	EA		Red, Ceiling Mounted Speaker (System Sensor SPCRL).....	121.67	42.85
28 46 13 31-2109	EA		Outdoor, Ceiling Mounted Speaker (System Sensor SPCRK).....	185.00	42.85
28 46 13 31-2110	EA		Red, High dB, Ceiling Mounted Speaker (System Sensor SPCRV).....	140.56	42.85
28 46 13 31-2111	EA		White, Ceiling Mounted Speaker (System Sensor SPCWL).....	123.87	42.85
28 46 13 31-2112	EA		White, High dB, Ceiling Mounted Speaker (System Sensor SPCWV).....	163.53	42.85
28 46 13 31-2113	EA		White, Outdoor, Ceiling Mounted Speaker (System Sensor SPCWK).....	207.24	48.56
28 46 13 31-2114			Wall Mounted Speakers/Strobes (28 46 13 31-1951)		
28 46 13 31-2115	EA		White Speaker Strobe Expander Plate With Standard Candela (System Sensor SEP-SPSWL).....	136.72	14.28
28 46 13 31-2116	EA		White Speaker Strobe Expander Plate Backbox Skirt (System Sensor SPSEP-BBSWL).....	69.58	14.28
28 46 13 31-2117	EA		Red, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRL).....	198.26	42.85
28 46 13 31-2118	EA		Red, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRH).....	209.68	42.85
28 46 13 31-2119	EA		Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK).....	277.07	48.56
28 46 13 31-2120	EA		Red, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK-P).....	282.60	48.56
28 46 13 31-2121	EA		Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK-R).....	241.98	48.56
28 46 13 31-2122	EA		Red, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRL-P).....	196.05	42.85
28 46 13 31-2123	EA		Red, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRV).....	203.10	42.85
28 46 13 31-2124	EA		White, Amber Lens, Wall Mounted, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL-ALERT).....	199.23	42.85
28 46 13 31-2125	EA		White, Clear Lens, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK-CLR-ALERT).....	286.03	48.56
28 46 13 31-2126	EA		White, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL).....	198.26	42.85
28 46 13 31-2127	EA		White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWH).....	261.59	42.85
28 46 13 31-2128	EA		White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWH-P).....	261.59	42.85
28 46 13 31-2129	EA		White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK).....	295.81	48.56
28 46 13 31-2130	EA		White, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK-P).....	281.62	48.56
28 46 13 31-2131	EA		White, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL-P).....	195.07	42.85
28 46 13 31-2132	EA		White, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWV).....	252.25	42.85
28 46 13 31-2133	EA		White, Plain, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWV-P).....	252.25	42.85
28 46 13 31-2134			Ceiling Mounted Speakers/Strobes (28 46 13 31-1951)		
28 46 13 31-2135	EA		Red, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPCRL).....	185.04	42.85
28 46 13 31-2136	EA		Red, Selectable Candela (135, 150, 177, 185) Candela, High-Candela, Ceiling Mounted Speaker/Strobe (System Sensor SPCRH).....	211.88	42.85
28 46 13 31-2137	EA		Red, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115), Ceiling Mounted Speaker/Strobe (System Sensor SPCRV).....	203.10	42.85
28 46 13 31-2138	EA		White, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPCWL).....	185.04	42.85
28 46 13 31-2139	EA		White, Clear Lens, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPCWL-CLR-ALERT).....	197.28	42.85
28 46 13 31-2140	EA		White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPCWH).....	261.59	42.85
28 46 13 31-2141	EA		White, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPCWHK).....	297.28	48.56
28 46 13 31-2142	EA		White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPCWH-P).....	261.59	42.85
28 46 13 31-2143	EA		White, Outdoor, Clear Lens, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPCWK-CLR-ALERT).....	286.52	48.56
28 46 13 31-2144	EA		White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPCWK).....	295.81	48.56
28 46 13 31-2145	EA		White, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPCWL-P).....	185.04	42.85
28 46 13 31-2146	EA		White, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPCWV).....	252.25	42.85
28 46 13 31-2147	EA		White, High-Candela/High dB, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPCWVH).....	261.59	42.85
28 46 13 31-2148	EA		White, Plain, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPCWV-P).....	252.25	42.85
28 46 13 31-2149	EA		High-Candela/High dB, Ceiling Mounted Speaker/Strobe (System Sensor SPCRVH).....	261.36	42.85

28 Electronic Safety and Security**28 40 Life Safety****28 46 Fire Detection and Alarm**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2150			Electric Alarm Bells (28 46 13 31-1951)		
28 46 13 31-2151	EA		6" Diameter, 24 Volt DC Alarm Bell (System Sensor SSM24-6).....	152.99	42.85
28 46 13 31-2152	EA		8" Diameter, 24 Volt DC Alarm Bell (System Sensor SSM24-8).....	164.98	42.85
28 46 13 31-2153	EA		10" Diameter, 24 Volt DC Alarm Bell (System Sensor SSM24-10).....	178.19	42.85
28 46 13 31-2154	EA		6" 120 Volt AC Alarm Bell (System Sensor SSV120-6).....	174.43	43.42
28 46 13 31-2155	EA		8" 120 Volt AC Alarm Bell (System Sensor SSV120-8).....	176.48	43.42
28 46 13 31-2156	EA		10" 120 Volt AC Alarm Bell (System Sensor SSV120-10).....	189.44	43.42
28 46 13 31-2157			Device Bases (28 46 13 31-1951)		
28 46 13 31-2158	EA		High Or Low Volume Output, Code 3 Or 4, Continuous, March Or Custom Tone, Intelligent, Addressable, Programmable Plug-In Sounder Base (System Sensor B200S).....	116.90	14.28
28 46 13 31-2159	EA		Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base (System Sensor B200SR).....	113.23	14.28
28 46 13 31-2160	EA		Intelligent Isolator Base (System Sensor B224BI).....	93.41	14.28
28 46 13 31-2161	EA		Intelligent Relay Base (System Sensor B224RB).....	94.39	14.28
28 46 13 31-2162	EA		Flangeless, Intelligent Detector Base (System Sensor B501).....	59.11	14.28
28 46 13 31-2163	EA		High Or Low Volume Output, Code 3 Or 4, Continuous, March Or Custom Tone, Intelligent, Addressable, Programmable Plug-In Sounder Base, Ivory (System Sensor B200S-IV).....	116.90	14.28
28 46 13 31-2164	EA		Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base, Ivory (System Sensor B200SR-IV).....	113.23	14.28
28 46 13 31-2165	EA		Low-Frequency, Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base (System Sensor B200SR-LF).....	168.53	14.28
28 46 13 31-2166	EA		Low-Frequency, Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base, Ivory (System Sensor B200SR-LF-IV).....	168.53	14.28
28 46 13 31-2167	EA		Low-Frequency, Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base, White (System Sensor B200SR-LF-WH).....	163.15	14.28
28 46 13 31-2168	EA		Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base, White (System Sensor B200SR-WH).....	136.70	14.28
28 46 13 31-2169	EA		High Or Low Volume Output, Code 3 Or 4, Continuous, March Or Custom Tone, Intelligent, Addressable, Programmable Plug-In Sounder Base, White (System Sensor B200S-WH).....	111.03	14.28
28 46 13 31-2170	EA		Intelligent Isolator Base, Ivory (System Sensor B224BI-IV).....	93.41	14.28
28 46 13 31-2171	EA		Intelligent Isolator Base, White (System Sensor B224BI-WH).....	87.54	14.28
28 46 13 31-2172	EA		Intelligent Relay Base, Ivory (System Sensor B224RB-IV).....	94.39	14.28
28 46 13 31-2173	EA		Intelligent Relay Base, White (System Sensor B224RB-WH).....	88.76	14.28
28 46 13 31-2174	EA		Flangeless, Intelligent Detector Base, Black (System Sensor B501-BL).....	59.11	14.28
28 46 13 31-2175	EA		Flangeless, Intelligent Detector Base, Ivory (System Sensor B501-IV).....	59.11	14.28
28 46 13 31-2176	EA		Flangeless, Intelligent Detector Base, White (System Sensor B501-WHITE).....	52.74	14.28
28 46 13 31-2177	EA		Intelligent, Addressable, Programmable Low Frequency Plug-In Sounder Base (System Sensor B200S-LF).....	171.47	14.28
28 46 13 31-2178	EA		Intelligent, Addressable, Programmable Low Frequency Plug-In Sounder Base, Ivory (System Sensor B200S-LF-IV).....	171.47	14.28
28 46 13 31-2179	EA		Intelligent, Addressable, Programmable Low Frequency Plug-In Sounder Base, White (System Sensor B200S-LF-WH).....	165.10	14.28
28 46 13 31-2180	EA		6" Intelligent Flanged Mounting Base (System Sensor B300-6).....	46.92	14.28
28 46 13 31-2181	EA		6" Intelligent Flanged Mounting Base, Ivory (System Sensor B300-6-IV).....	53.04	14.28
28 46 13 31-2182	EA		Two Wire, Flanged, 12/24 Volt DC, Low-Profile, Adapter Base (System Sensor B110LP).....	54.25	14.28
28 46 13 31-2183	EA		Four Wire, Form A And C, 24 Volt DC Low-Profile, Adapter Base (System Sensor B112LP).....	109.77	17.14
28 46 13 31-2184			Boxes, Plates And Decals (28 46 13 31-1951)		
28 46 13 31-2185	EA		120 Volt AC, Mounting Plate, For Spectralert Advance Devices (System Sensor MP120K).....	53.23	14.28
28 46 13 31-2186	EA		Red, Wall Mounted, Metal, Weatherproof Backbox (System Sensor MWBB).....	79.76	14.28
28 46 13 31-2187	EA		White, Ceiling Mounted, Metal, Weatherproof Backbox (System Sensor MWBBCW).....	86.81	14.28
28 46 13 31-2188	EA		White, Wall Mounted, Metal, Weatherproof Backbox (System Sensor MWBBW).....	79.76	14.28
28 46 13 31-2189	EA		Red Retrofit Plate (System Sensor RFP).....	36.91	8.57
28 46 13 31-2190	EA		White Retrofit Plate (System Sensor RFPW).....	36.62	8.57
28 46 13 31-2191	EA		Red, Wall Mounted, Weatherproof Backbox (System Sensor SA-WBB).....	67.52	14.28
28 46 13 31-2192	EA		Red, Ceiling Mounted, Weatherproof Backbox (System Sensor SA-WBBC).....	75.94	14.28
28 46 13 31-2193	EA		Red, Ceiling Mounted, Surface Mounted, Backbox (System Sensor SBBCLR).....	53.82	14.28
28 46 13 31-2194	EA		White, Ceiling Mounted, Surface Mounted, Backbox (System Sensor SBBCWL).....	53.82	14.28
28 46 13 31-2195	EA		Red, Wall Mounted, Surface Mounted, Backbox (System Sensor SBBRL).....	46.68	14.28
28 46 13 31-2196	EA		Red, Wall Mounted, Surface Mounted, Backbox For Speaker (System Sensor SBBSPRL).....	52.06	14.28
28 46 13 31-2197	EA		White, Wall Mounted, Surface Mounted, Backbox For Speaker (System Sensor SBBSPWL).....	52.06	14.28
28 46 13 31-2198	EA		White, Wall Mounted, Surface Mounted, Backbox (System Sensor SBBWL).....	46.68	14.28
28 46 13 31-2199	EA		Surface Mounted Box For Intelligent Control Or Monitor Modules (System Sensor SMB500).....	53.47	14.28
28 46 13 31-2200	EA		Surface Mounted Box For 400 And 500 Series Detectors And Sounder Bases (System Sensor SMB600).....	46.92	14.28
28 46 13 31-2201	EA		Red, Wall Mounted Horn/Strobe Trim Ring (System Sensor TR-HS).....	17.03	5.71
28 46 13 31-2202	EA		Red Decals, Two Pack, Spectralert Advance Wall Products (System Sensor DECAL-R).....	25.08	
28 46 13 31-2203	EA		Red Decals, Three Pack, Spectralert Advance Ceiling Products (System Sensor DECAL-RC).....	34.83	
28 46 13 31-2204	EA		White Decals, Two Pack, Spectralert Advance Wall Products (System Sensor DECAL-W).....	25.08	
28 46 13 31-2205	EA		White Decals, Three Pack, Spectralert Advance Wall Products (System Sensor DECAL-WC).....	34.83	
28 46 13 31-2206	EA		Red, Wall Mounted, L-Series Trim Ring, Pack Of 5 (System Sensor TR-2).....	18.81	5.71
28 46 13 31-2207	EA		White, Wall Mounted, L-Series Trim Ring, Pack Of 5 (System Sensor TR-2W).....	18.81	5.71
28 46 13 31-2208	EA		Red, Ceiling Mounted, L-Series Trim Ring, Pack Of 5 (System Sensor TRC-2).....	18.81	5.71
28 46 13 31-2209	EA		White, Ceiling Mounted, L-Series Trim Ring, Pack Of 5 (System Sensor TRC-2W).....	18.81	5.71
28 46 13 31-2210	EA		Red, Wall/Surface Mounted, L-Series Compact Back Box (System Sensor SBBGRL).....	46.68	14.28
28 46 13 31-2211	EA		White, Wall/Surface Mounted, L-Series Compact Back Box (System Sensor SBBGWL).....	46.68	14.28
28 46 13 31-2212	EA		Red, AGENT Lettering, Compact, L-Series Wall Mounted Bezel (System Sensor BZGR-AG).....	22.69	5.71
28 46 13 31-2213	EA		Red, ALERT Lettering, Compact, L-Series Wall Mounted Bezel (System Sensor BZGR-AL).....	22.69	5.71
28 46 13 31-2214	EA		Red, EVAC Lettering, Compact, L-Series Wall Mounted Bezel (System Sensor BZGR-EV).....	22.69	5.71
28 46 13 31-2215	EA		Red, FIRE Lettering, Compact, L-Series Wall Mounted Bezel (System Sensor BZGR-F).....	22.69	5.71
28 46 13 31-2216	EA		White, AGENT Lettering, L-Series Wall Mounted Bezel (System Sensor BZGW-AG).....	22.69	5.71
28 46 13 31-2217	EA		White, ALERT Lettering, L-Series Wall Mounted Bezel (System Sensor BZGW-AL).....	22.69	5.71
28 46 13 31-2218	EA		White, EVAC Marking, L-Series Wall Mounted Bezel (System Sensor BZGW-EV).....	22.69	5.71
28 46 13 31-2219	EA		White, FIRE Marking, L-Series Wall Mounted Bezel (System Sensor BZGW-F).....	22.69	5.71
28 46 13 31-2220	EA		Red, Plain, L-Series Wall Mounted Bezel (System Sensor BZGR-P).....	22.69	5.71
28 46 13 31-2221	EA		White, Plain, L-Series Wall Mounted Bezel (System Sensor BZGW-P).....	22.69	5.71
28 46 13 31-2222	EA		Red, AGENT Marking, L-Series Wall Mounted Bezel (System Sensor BZR-AG).....	22.69	5.71
28 46 13 31-2223	EA		Red, ALERT Marking, L-Series Wall Mounted Bezel (System Sensor BZR-AL).....	22.69	5.71

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2224	EA		Red, AGENT Marking, L-Series Ceiling Mounted Bezel (System Sensor BZRC-AG)	24.74	5.71
28 46 13 31-2225	EA		Red, ALERT Marking, L-Series Ceiling Mounted Bezel (System Sensor BZRC-AL)	24.74	5.71
28 46 13 31-2226	EA		Red, EVAC Marking, L-Series Ceiling Mounted Bezel (System Sensor BZRC-EV)	24.74	5.71
28 46 13 31-2227	EA		Red, FIRE Marking, L-Series Ceiling Mounted Bezel, Pack Of 5 (System Sensor BZRC-F)	24.74	5.71
28 46 13 31-2228	EA		Red, PLAIN Marking, L-Series Ceiling Mounted Bezel (System Sensor BZRC-P)	24.74	5.71
28 46 13 31-2229	EA		Red, EVAC Marking, L-Series Wall Mounted Bezel (System Sensor BZR-EV)	22.69	5.71
28 46 13 31-2230	EA		Red, FIRE Marking, L-Series Wall Mounted Bezel (System Sensor BZR-F)	22.69	5.71
28 46 13 31-2231	EA		Red, PLAIN Marking, L-Series Wall Mounted Bezel (System Sensor BZR-P)	22.69	5.71
28 46 13 31-2232	EA		Red, AGENT Marking, L-Series Wall Mounted Bezel (System Sensor BZR-AG)	22.69	5.71
28 46 13 31-2233	EA		White, AGENT Marking, L-Series Wall Mounted Bezel (System Sensor BZSPW-AG)	22.69	5.71
28 46 13 31-2234	EA		White, ALERT Marking, L-Series Wall Mounted Bezel (System Sensor BZSPW-AL)	22.69	5.71
28 46 13 31-2235	EA		White, AGENT Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-AG)	24.74	5.71
28 46 13 31-2236	EA		White, ALERT Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-AL)	24.74	5.71
28 46 13 31-2237	EA		White, EVAC Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-EV)	24.74	5.71
28 46 13 31-2238	EA		White, FIRE Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-F)	24.74	5.71
28 46 13 31-2239	EA		White, PLAIN Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-P)	24.74	5.71
28 46 13 31-2240	EA		White, EVAC Marking, L-Series Wall Mounted Bezel (System Sensor BZSPW-EV)	22.69	5.71
28 46 13 31-2241	EA		White, FIRE Marking, L-Series Wall Mounted Bezel (System Sensor BZSPW-F)	22.69	5.71
28 46 13 31-2242	EA		Replacement Dust Cover For Low Profile Detectors (System Sensor C58-227-01)	4.36	
28 46 13 31-2243	EA		Control Module Barrier (System Sensor CB500)	33.97	8.57
28 46 13 31-2244	EA		White Detector Conversion Kit For SSD Intelligent Low Profile Photo, Ion, And Laser Detectors (System Sensor CK300)	31.33	8.57
28 46 13 31-2245	EA		Black Detector Conversion Kit For SSD Intelligent Low Profile Photo, Ion, And Laser Detectors (System Sensor CK300-BL)	37.64	8.57
28 46 13 31-2246	EA		PTIR Color Kit, White (System Sensor CK-300-IR)	138.50	8.57
			Note: Includes cover and trim ring		
28 46 13 31-2247	EA		PTIR Color Kit, Black (System Sensor CK-300-IR-BL)	200.65	8.57
			Note: Includes cover and trim ring		
28 46 13 31-2248	EA		PTIR Color Kit, Ivory (System Sensor CK-300-IR-IV)	200.65	8.57
			Note: Includes cover and trim ring		
28 46 13 31-2249	EA		Accessory Flange Ring For B210LP Base (System Sensor F210)	25.80	8.57
			Note: Includes cover and trim ring		
28 46 13 31-2250	EA		Black Faceplate (System Sensor FP-BLACK-BP)	25.09	8.57
28 46 13 31-2251	EA		White Faceplate, 2 In/2 Out (System Sensor FP-WHITE-2-BP)	25.46	8.57
28 46 13 31-2252	EA		White Faceplate (System Sensor FP-WHITE-BP)	24.26	8.57
28 46 13 31-2253	EA		White, Back Box (System Sensor SMB500-WH)	44.38	14.28
28 46 13 31-2254	EA		Accessory Flange Ring For B210LP Base, White (System Sensor TR300)	17.55	5.71
28 46 13 31-2255	EA		Accessory Flange Ring For B210LP Base, Ivory (System Sensor TR300-IV)	24.69	5.71
28 46 13 31-2256	EA		White Faceplate Swift (System Sensor FP-WHITE-SWIFT-BP)	26.61	8.57
28 46 13 31-2257	EA		Red, ALERT Marking, L-Series Wall Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPR-AL)	22.69	5.71
28 46 13 31-2258	EA		Red, AGENT Marking, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-AG)	24.74	5.71
28 46 13 31-2259	EA		Red, ALERT Marking, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-AL)	24.74	5.71
28 46 13 31-2260	EA		Red, EVAC Marking, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-EV)	24.74	5.71
28 46 13 31-2261	EA		Red, FIRE Marking, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-F)	24.74	5.71
28 46 13 31-2262	EA		Red, Plain, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-P)	24.74	5.71
28 46 13 31-2263	EA		Red, EVAC Marking, L-Series Wall Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPR-EV)	22.69	5.71
28 46 13 31-2264	EA		Red, FIRE Marking, L-Series Wall Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPR-F)	22.69	5.71
28 46 13 31-2265	EA		Red, Plain, L-Series Wall Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPR-P)	22.69	5.71
28 46 13 31-2266	EA		L Series, 120 VAC Adapter Mounting Plate (System Sensor MP120KL)	67.92	14.28
28 46 13 31-2267	EA		White, Amber Lens, Universal Expander Plate (System Sensor SEP-SPSWL-P)	132.56	14.28
28 46 13 31-2268			Chimes <small>(28 46 13 31-1951)</small>		
28 46 13 31-2269	EA		Red, 12/24 Volt DC, Ceiling Or Wall Mounted Chime (System Sensor CHRL)	143.27	42.85
28 46 13 31-2270	EA		White, 12/24 Volt DC, Ceiling Or Wall Mounted Chime (System Sensor CHWL)	147.85	42.85
28 46 13 31-2271			Chime/Strobes <small>(28 46 13 31-1951)</small>		
28 46 13 31-2272	EA		Red, 15, 15/75, 30, 75, 110 Multi-Candela, 24 Volt DC, Ceiling Or Wall Mounted Chime/Strobe (System Sensor CHSRL)	212.94	42.85
28 46 13 31-2273	EA		White, 15, 15/75, 30, 75, 110 Multi-Candela, 24 Volt DC, Ceiling Or Wall Mounted Chime/Strobe (System Sensor CHSWL)	212.94	42.85
28 46 13 31-2274	EA		L-Series, Red, 15, 30, 75, 95, 115, 150, 177 Multi-Candela, 24 Volt DC, Ceiling Mounted Chime/Strobe (System Sensor CHSCRL)	214.40	42.85
28 46 13 31-2275	EA		L-Series, White, 15, 30, 75, 95, 115, 150, 177 Multi-Candela, 24 Volt DC, Ceiling Mounted Chime/Strobe (System Sensor CHSCWL)	214.40	42.85
28 46 13 31-2276			Carbon Monoxide Detectors <small>(28 46 13 31-1951)</small>		
28 46 13 31-2277	EA		Conventional Carbon Monoxide Detector (System Sensor CO1224)	253.07	57.13
28 46 13 31-2278	EA		Round, Sounder And Trouble Relay With Test Function, 12/24 Volt DC, Conventional Carbon Monoxide Detector (System Sensor CO1224TR)	210.98	42.85
28 46 13 31-2279	EA		CO Detector Plate For Replacing Round CO Detectors With The CO1224T (System Sensor CO-PLATE)	17.34	5.71
28 46 13 31-2280	EA		Intelliquad Plus Intelligent Addressable Combination Multi-Criteria Fire And Carbon Monoxide Detector With Flashscan (System Sensor FCO-951)	313.75	42.85
28 46 13 31-2281	EA		12/24 VDC, Conventional Carbon Monoxide Detector With Sounder And Trouble Relay With Test Function, UL2075 Listed (System Sensor CO1224T)	239.55	57.13
28 46 13 31-2282	EA		Intelliquad Plus Intelligent Addressable Combination Multi-Criteria Fire And Carbon Monoxide Detector With Flashscan, Ivory (System Sensor FCO-951-IV)	324.51	42.85

28 Electronic Safety and Security**28 40 Life Safety****28 46 Fire Detection and Alarm**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2283			Switches (28 46 13 31-1951)		
28 46 13 31-2284	EA		SPDT Switch, 4 - 20 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS10-1).....	190.56	22.85
28 46 13 31-2285	EA		Two SPDT Switches, 4 - 20 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS10-2)	212.59	22.85
28 46 13 31-2286	EA		SPDT Switch, 10 - 100 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS40-1).....	190.56	22.85
28 46 13 31-2287	EA		Two SPDT Switches, 10 - 100 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS40-2)	212.59	22.85
28 46 13 31-2288	EA		Outside Screw And Yoke Valve, Two SPDT, Supervisory Switch (System Sensor OSY2)	198.39	22.85
28 46 13 31-2289	EA		Post Indicator Butterfly Valve, SPDT, Supervisory Switch (System Sensor PIBV2)	185.67	22.85
28 46 13 31-2290			Low Frequency Sounders (28 46 13 31-1951)		
28 46 13 31-2291	EA		Red, Low Frequency Sounder (System Sensor HR-LF)	207.11	42.85
28 46 13 31-2292	EA		White, Low Frequency Sounder (System Sensor HW-LF).....	207.11	42.85
28 46 13 31-2293	EA		Red, Ceiling Mounted, Low-frequency Compact Sounder (System Sensor HCRL-LF)	175.01	42.85
28 46 13 31-2294	EA		White, Ceiling Mounted, Low-frequency Compact Sounder (System Sensor HCWL-LF).....	175.01	42.85
28 46 13 31-2295	EA		Red, Wall Mounted, Low-frequency Compact Sounder (System Sensor HGRL-LF)	173.79	42.85
28 46 13 31-2296	EA		White, Wall Mounted, Low-frequency Compact Sounder (HGWL-LF)	173.79	42.85
28 46 13 31-2297			Sync Modules (28 46 13 31-1951)		
28 46 13 31-2298	EA		Red, 12/24 Volt DC, Sync Module (System Sensor MDL3R).....	152.56	28.57
28 46 13 31-2299	EA		White, 12/24 Volt DC, Sync Module (System Sensor MDL3W).....	150.11	28.57
28 46 13 31-2300			Relays (28 46 13 31-1951)		
28 46 13 31-2301	EA		Metal Enclosure, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-10E).....	87.01	22.85
28 46 13 31-2302	EA		SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-10T).....	56.07	14.28
28 46 13 31-2303	EA		4-Gang Relay, Metal Enclosure, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-14E)	160.70	14.28
28 46 13 31-2304	EA		4-Gang Relay, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-14T).....	118.61	14.28
28 46 13 31-2305	EA		Metal Enclosure, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-20E).....	93.57	22.85
28 46 13 31-2306	EA		DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-20T).....	57.83	14.28
28 46 13 31-2307	EA		4-Gang Relay, Metal Enclosure, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-24E).....	180.76	14.28
28 46 13 31-2308	EA		4-Gang Relay, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-24T)	135.50	14.28
28 46 13 31-2309	EA		18 To 35 Volt DC, 18 To 35 Volt AC, 120 Volt AC, SPDT Multivoltage Relay (System Sensor PR-1).....	48.93	14.28
28 46 13 31-2310	EA		10 To 40 Volt DC, SPDT Multivoltage Relay (System Sensor PR-2).....	48.93	14.28
28 46 13 31-2311	EA		Redundant Power Input, 10 To 40 Volt DC, SPDT Multivoltage Relay (System Sensor PR-3)	48.93	14.28
28 46 13 31-2312			Remote Annunciator (28 46 13 31-1951)		
28 46 13 31-2313	EA		Remote Annunciator (System Sensor RA100Z)	116.53	42.85
28 46 13 31-2314	EA		Remote LED Annunciator (System Sensor RA100ZA).....	115.88	42.85
28 46 13 31-2315	EA		Remote Annunciator With Piezo Alarm (System Sensor APA151).....	145.12	42.85
28 46 13 31-2316			Remote Test Station (28 46 13 31-1951)		
28 46 13 31-2317	EA		Remote Test Station With Key (System Sensor RTS151KEY).....	180.15	42.85
28 46 13 31-2318			Fire Alarm Digital Cellular Communicator (28 46 13 31)		
28 46 13 31-2319	EA		Digital Cellular Communicator With Antenna And Red Enclosure (Telular Telguard TG-7FS).....	722.64	57.13
28 46 13 31-2320			Wheelock Fire Alarm (28 46 13 31)		
28 46 13 31-2321			Ceiling Mounted Chimes/Strobes (28 46 13 31-2320)		
28 46 13 31-2322	EA		White, Round, Selectable Candela (15, 30, 75, 100 Candela), 24 Volt DC, Ceiling Mounted Chime/Strobe (Wheelock CH90-24MCC-FW)	287.98	42.85
28 46 13 31-2323			Wall Mounted Chimes/Strobes (28 46 13 31-2320)		
28 46 13 31-2324	EA		Red, Selectable Candela (15, 30, 75, 110 Candela), 24 Volt DC, Wall Mounted Chime/Strobe (Wheelock CH70- 24MCW-FR)	287.98	42.85
28 46 13 31-2325	EA		White, Selectable Candela (15, 30, 75, 110 Candela), 24 Volt DC, Wall Mounted Chime/Strobe (Wheelock CH70- 24MCW-FW).....	287.98	42.85
28 46 13 31-2326			Ceiling Mounted Horns/Strobes (28 46 13 31-2320)		
28 46 13 31-2327	EA		Red, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Horn/Strobe (Wheelock HSRC).....	178.71	42.85
28 46 13 31-2328	EA		White, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Horn/Strobe (Wheelock HSWC)	175.25	42.85
28 46 13 31-2329			Wall Mounted Horns/Strobes (28 46 13 31-2320)		
28 46 13 31-2330	EA		Red, Weatherproof, 24 Volt DC, 75 Candela, Wall Mounted, Horn/Strobe (Wheelock ASWP-2475W-FR).....	183.03	42.85
28 46 13 31-2331	EA		Red, 24 Volt DC, 15/75 Candela, Continuous Or Code 3 Tone, Wall Mounted Horn/Strobe (Wheelock HS4- 241575 Watt-FR)	263.15	42.85
28 46 13 31-2332	EA		Red, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Wall Mounted Horn/Strobe (Wheelock HS4- 24MCW-FR)	209.51	42.85
28 46 13 31-2333	EA		White, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Wall Mounted Horn/Strobe (Wheelock HS4- 24MCW-FW).....	209.51	42.85
28 46 13 31-2334	EA		Red, Flush, 24 Volt AC, 15/75 Candela, Sync/Non-Sync, Wall Mounted Horn/Strobe (Wheelock MT-241575 Watt- FR).....	249.14	42.85
28 46 13 31-2335	EA		Red, 24 Volt AC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock MT-24MCW-FR).....	207.68	42.85
28 46 13 31-2336	EA		Red, 115 Volt AC, Wall Mounted Horn/Strobe (Wheelock MT4-115-WH-VFR)	205.14	42.85

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2337	EA		Red, Weatherproof, 24 Volt DC, 75 Candela, Wall Mounted Horn/Strobe (Wheelock MTWP-2475W-FR)	225.71	48.56
28 46 13 31-2338	EA		Red, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock HSR)	182.01	42.85
28 46 13 31-2339	EA		White, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock HSW)	182.01	42.85
28 46 13 31-2340	EA		White, 24 Volt AC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock MT-24MCW-FW)	204.12	42.85
28 46 13 31-2341	EA		Red, 24 Volt DC, 15/30/75/110 Selectable Candela, Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FR)	209.51	42.85
28 46 13 31-2342	EA		White, 24 Volt DC, 15/30/75/110 Selectable Candela, Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FW)	209.51	42.85
28 46 13 31-2343 Ceiling Mounted Strobes (28 46 13 31-2320)					
28 46 13 31-2344	EA		Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe (Wheelock RSS-24MCC-FR)	169.56	42.85
28 46 13 31-2345	EA		White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe (Wheelock RSS-24MCC-FW)	169.56	42.85
28 46 13 31-2346	EA		Red, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Strobe (Wheelock STRC)	159.11	42.85
28 46 13 31-2347	EA		White, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Strobe (Wheelock STWC)	161.94	42.85
28 46 13 31-2348	EA		White, 24 Volt DC, Amber Lens, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe, No Lettering (Wheelock RSSA-24MCC-NW)	182.77	42.85
28 46 13 31-2349	EA		White, 24 Volt DC, Amber Lens, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe, Red ALERT Lettering (Wheelock RSSA-24MCC-ALW)	184.55	42.85
28 46 13 31-2350	EA		White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe With Fire Lettering (Wheelock RSS-24MCC-FW)	185.31	42.85
28 46 13 31-2351	EA		Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Weatherproof Strobe With Fire Lettering (Wheelock RSSWP-2475C-FR)	166.69	42.85
28 46 13 31-2352 Wall Mounted Strobes (28 46 13 31-2320)					
28 46 13 31-2353	EA		Red, Multi-Candela, 24 Volt DC, Wall Mounted Strobe (Wheelock AMT-24MCW-FR)	269.17	42.85
28 46 13 31-2354	EA		Red, Retrofit Plate, 12 Volt DC, 15/75 Candela, Wall Mounted Strobe (Wheelock RSSP-121575W-FR)	211.74	42.85
28 46 13 31-2355	EA		Red, 24 Volt DC, 15/75 Candela, Wall Mounted Strobe (Wheelock RSS-241575W-FR)	208.67	42.85
28 46 13 31-2356	EA		Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSS-24MCW-FR)	167.53	42.85
28 46 13 31-2357	EA		White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSS-24MCW-FW)	167.53	42.85
28 46 13 31-2358	EA		Red, Retrofit Plate, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSSP-24MCW-FR)	180.74	42.85
28 46 13 31-2359	EA		Outdoor, Red, 24 Volt DC, 75 Candela, Wall Mounted Strobe (Wheelock RSSWP-2475W-FR)	186.58	48.56
			Note: Requires WPSBB-R.		
28 46 13 31-2360	EA		Red, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Strobe (Wheelock STR)	163.21	42.85
28 46 13 31-2361	EA		White, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Strobe (Wheelock STW)	163.21	42.85
28 46 13 31-2362	EA		Interior, White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Strobe, No Lettering (Wheelock RSS-24MCWH-NW)	198.53	42.85
28 46 13 31-2363	EA		White, 24 Volt DC, Multi-Candela (15, 30, 75, 110 Candela), Wall Mounted Strobe, No Lettering (Wheelock RSS-24MCW-NW)	169.81	42.85
28 46 13 31-2364	EA		Weatherproof, White, 24 Volt DC, 75 Candela, Wall Mounted Strobe (Wheelock RSSWP-2475W-FW)	181.30	48.56
			Note: Requires WPSBB-R.		
28 46 13 31-2365	EA		Interior, White, 24 Volt DC, Multi-Candela 135/185, Weatherproof Wall Mounted Strobe (Wheelock RSSWP-24MCWH-FW)	178.44	42.85
28 46 13 31-2366 Ceiling Mounted Speakers/Strobes (28 46 13 31-2320)					
28 46 13 31-2367	EA		Red, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E60-24MCC-FR)	211.74	42.85
28 46 13 31-2368	EA		White, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E60-24MCC-FW)	211.74	42.85
28 46 13 31-2369	EA		White, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E70-24MCC-FW)	211.74	42.85
28 46 13 31-2370	EA		White, 24 Volt DC, Multi-Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCC-FW)	214.28	42.85
28 46 13 31-2371	EA		White, 24 Volt DC, Multi-Candela 115/177, Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCC-FW)	228.51	42.85
28 46 13 31-2372	EA		White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Speaker/Strobe (Wheelock ET90-24MCC-FW)	248.34	42.85
28 46 13 31-2373	EA		Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Speaker/Strobe (Wheelock ET90-24MCC-FR)	248.34	42.85
28 46 13 31-2374	EA		Red, 24 Volt DC, Multi-Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCC-FR)	216.32	42.85
28 46 13 31-2375	EA		White, 2 Watts, 24 Volt DC, 15/30/75/95 Candela, Square, No Lettering, Ceiling Mounted Speaker/Strobe (Wheelock E70-24MCC-NW)	199.72	42.85
28 46 13 31-2376	EA		Round, 2 Watt, 24 Volt DC, 15/30/75/95CD, No Lettering, Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCC-NW)	211.47	42.85
28 46 13 31-2377	EA		White, 8 Watts, 24 Volt DC, 75 Candela, Weatherproof, Ceiling Mounted, Speaker/Strobe (Wheelock ET70WP-2475C-FW)	223.21	42.85
28 46 13 31-2378 Wall Mounted Speakers/Strobes (28 46 13 31-2320)					
28 46 13 31-2379	EA		Red, Square, 24 Volt DC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E50-241575 Watt-FR)	289.61	42.85
28 46 13 31-2380	EA		White, Square, 24 Volt DC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E50-241575 Watt-FW)	289.61	42.85
28 46 13 31-2381	EA		Red, 24 Volt DC, Multi-Candela 115/177, Wall Mounted Speaker/Strobe (Wheelock E60-24MCC-FR)	228.51	42.85
28 46 13 31-2382	EA		White, 24 Volt DC, Multi-Candela 115/177, Wall Mounted Speaker/Strobe (Wheelock E60-24MCC-FW)	228.51	42.85
28 46 13 31-2383	EA		Red, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E50-24MCW-FR)	211.74	42.85
28 46 13 31-2384	EA		White, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E50-24MCW-FW)	207.68	42.85
28 46 13 31-2385	EA		Red, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E50-24MCWH-FR)	228.51	42.85
28 46 13 31-2386	EA		White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E50-24MCWH-FW)	228.51	42.85
28 46 13 31-2387	EA		Red, Square, 24 Volt DC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E70-241575 Watt-FR)	286.50	42.85
28 46 13 31-2388	EA		Red, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E70-24MCW-FR)	214.28	42.85

28 Electronic Safety and Security**28 40 Life Safety****28 46 Fire Detection and Alarm**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

28 46 13 31-2389	EA	White, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E70-24MCW-FW).....	212.25	42.85
28 46 13 31-2390	EA	Red, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FR).....	279.49	42.85
28 46 13 31-2391	EA	White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FW).....	286.50	42.85
28 46 13 31-2392	EA	Red, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock ET70-24MCW-FR).....	248.34	42.85
28 46 13 31-2393	EA	White, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock ET70-24MCW-FW).....	248.34	42.85
28 46 13 31-2394	EA	Weatherproof, Red, 24 Volt DC, 75 Candela, Wall Mounted Speaker Strobe(Wheelock ET70WP-2475 W-FR).....	311.16	48.56
		Note: Requires weatherproof backbox (IOB).		
28 46 13 31-2395	EA	Interior, Red, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock RSS-24MCWH-FR).....	192.94	42.85
28 46 13 31-2396	EA	Interior, White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock RSS-24MCWH-FW).....	185.31	42.85
28 46 13 31-2397	EA	White, 2 Watts, 24 Volt DC, 15/30/75/95 Candela, Round, Wall Mounted Speaker/Strobe (Wheelock E60-24MCW-FW).....	211.47	42.85
28 46 13 31-2398	EA	Red, 24 Volt DC, 135/185 Multi-Candela, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FR).....	223.21	42.85
28 46 13 31-2399	EA	White, 24 Volt DC, 135/185 Multi-Candela, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FW).....	227.62	42.85
28 46 13 31-2400	EA	White, 8 Watt, 24 VDC, 15/30/75/110 Candela, No Lettering, Wall Mounted, Speaker/Strobe (Wheelock ET70-24MCW-NW).....	234.96	42.85
28 46 13 31-2401	EA	Red, 8 Watts, Weatherproof, 185 Candela, Wall Mounted, Speaker/Strobe (Wheelock ET70WP-24185W-FR).....	240.34	42.85
28 46 13 31-2402	EA	Red, 24 Volt DC, 75 Candela, Weatherproof, Wall Mounted, Speaker/Strobe (Wheelock ET70WP-2475W-FR).....	236.92	42.85
		Note: Requires IOB		
28 46 13 31-2403	EA	White, 8 Watts, 24 Volt DC, 75 Candela, Weatherproof, Wall Mounted, Speaker/Strobe (Wheelock ET70WP-2475W-FW).....	234.96	42.85
		Note: Requires IOB		

28 46 13 31-2404 Electric Alarm Bells (28 46 13 31-2320)

28 46 13 31-2405	EA	6" Diameter, 24 Volt DC, Red, Vibrating Bell (Wheelock 43T-G6-24-R).....	205.64	42.85
28 46 13 31-2406	EA	6" Diameter, 115 Volt AC, Red, Vibrating Bell (Wheelock 43T-G6-115-R).....	197.51	42.85
28 46 13 31-2407	EA	10" Diameter, 115 Volt AC, Red, Vibrating Bell (Wheelock 43T-G10-115-R).....	251.89	42.85
28 46 13 31-2408	EA	10" Diameter, 115 Volt AC, Single Stroke, Red, Explosion Proof Bell (Wheelock CSX10-115-R).....	2,126.00	48.56
28 46 13 31-2409	EA	10" Diameter, Outdoor, 115 Volt AC, Single Stroke, Red, Explosion Proof Bell (Wheelock CSXG10-115-R).....	3,451.48	48.56
28 46 13 31-2410	EA	10" Diameter, Vibrating, Outdoor, 115 Volt AC, Single Stroke, Red, Explosion Proof Bell (Wheelock CVXG10-115-R).....	3,171.34	48.56
28 46 13 31-2411	EA	6", ADA, 24 Volt DC, Red, Motor Bell (Wheelock MB-G6-24-R).....	159.65	42.85
28 46 13 31-2412	EA	10", ADA, 24 Volt DC, Red, Motor Bell (Wheelock MB-G10-24-R).....	187.49	42.85
28 46 13 31-2413	EA	6", ADA, 12 Volt DC, Red, Motor Bell (Wheelock MB-G6-12-R).....	162.70	42.85
28 46 13 31-2414	EA	10", ADA, 12 Volt DC, Red, Indoor/Outdoor Motor Bell (Wheelock MB-G10-12-R).....	185.78	42.85

28 46 13 31-2415 Horns (28 46 13 31-2320)

28 46 13 31-2416	EA	Two Wire, 24 Volt DC, Indoor Or Outdoor, Continuous Or Code 3, Sync Or Non Sync Horn (Wheelock AH-24WP-R).....	147.96	42.85
28 46 13 31-2417	EA	Red, Two Wire, 12/24 Volt DC, Wall Mounted Horn (Wheelock HNR).....	131.03	42.85
28 46 13 31-2418	EA	White, Two Wire, 12/24 Volt DC, Wall Mounted Horn (Wheelock HNW).....	131.03	42.85
28 46 13 31-2419	EA	Red, Two Wire, 12/24 Volt DC, Ceiling Mounted Horn (Wheelock HNRC).....	132.15	42.85
28 46 13 31-2420	EA	White, Two Wire, 12/24 Volt DC, Ceiling Mounted Horn (Wheelock HNNC).....	132.15	42.85
28 46 13 31-2421	EA	Red, 24 Volt DC, Sync With Built-In Temporal, Mini-Horn (Wheelock MIZ-24S-R).....	113.35	42.85
28 46 13 31-2422	EA	White, 24 Volt DC, Sync With Built-In Temporal, Mini-Horn (Wheelock MIZ-24S-W).....	113.35	42.85
28 46 13 31-2423	EA	Red, Flush, 12/24 Volt AC, Horn (Wheelock MT-12/24-R).....	132.15	42.85
28 46 13 31-2424	EA	Red, 24 Volt DC, Four Wire, Wall Mounted Horn (Wheelock HS-24-R).....	141.49	42.85

28 46 13 31-2425 Speakers (28 46 13 31-2320)

28 46 13 31-2426	EA	Red, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Mounted Speaker (Wheelock E50-R).....	135.41	42.85
28 46 13 31-2427	EA	White, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Mounted Speaker (Wheelock E50-W).....	135.41	42.85
28 46 13 31-2428	EA	Red, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Ceiling Mounted Speaker (Wheelock E60-R).....	135.41	42.85
28 46 13 31-2429	EA	White, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Ceiling Mounted Speaker (Wheelock E60-W).....	133.17	42.85
28 46 13 31-2430	EA	Red, Flush, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E70-R).....	135.41	42.85
28 46 13 31-2431	EA	White, Flush, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E70-W).....	135.41	42.85
28 46 13 31-2432	EA	Red, Round, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E90-R).....	135.41	42.85
28 46 13 31-2433	EA	White, Round, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E90-W).....	135.41	42.85
28 46 13 31-2434	EA	Red, Flush Or Surface, Square, 1/8 - 8 Watt, Wall Mounted Speaker (Wheelock ET70-R).....	159.90	42.85
28 46 13 31-2435	EA	White, Flush Or Surface, Square, 1/8 - 8 Watt, Wall Mounted Speaker (Wheelock ET70-W).....	159.90	42.85
28 46 13 31-2436	EA	White, Round, 25 Or 70.7 VRMS, 1/8 - 8 Watt Ceiling Mounted Speaker (Wheelock ET90-W).....	161.94	42.85
28 46 13 31-2437	EA	Red, Surface Mounted, Vandal Resistant, Square, 1/8 - 8 Watt, Wall Or Ceiling Mounted Speaker (Wheelock ET-1010-R).....	187.00	42.85
28 46 13 31-2438	EA	Red, Flush Mounted, Vandal Resistant, Square, 1/8 - 8 Watt, Wall Or Ceiling Mounted Speaker (Wheelock ET-1080-R).....	169.87	42.85
28 46 13 31-2439	EA	Grey, 1 To 15 Watt, 25/70/100 Volt Transformer, Loud Speaker (Wheelock STH-15S).....	319.49	42.85
28 46 13 31-2440	EA	Red, 1 To 15 Watt, 25/70/100 Volt Transformer, Loud Speaker (Wheelock STH-15SR).....	319.49	42.85
28 46 13 31-2441	EA	Red, 1/8 To 8 Watts, Square, Surface Mounted, Vandal Resistant Speaker (Wheelock ET-1010-R).....	187.00	42.85
28 46 13 31-2442	EA	White, 8 Watts, Wall/Ceiling Mounted, Vandal Resistant Speaker (Wheelock ET-1010-W).....	188.96	42.85
28 46 13 31-2443	EA	Red, 1/8 To 8 Watts, Square, Flush Mounted, Vandal Resistant Speaker (Wheelock ET-1080-R).....	169.87	42.85
28 46 13 31-2444	EA	White, 8", 25/70 Volt, 15/30/75/95 Candela, Round, Ceiling Mounted, Speaker (Wheelock S8-24MCC-FW).....	247.68	42.85
28 46 13 31-2445	EA	White, 8", 25/70 Volt, Round, Ceiling Mounted, Speaker (Wheelock S8-70/25).....	181.62	42.85

28 46 13 31-2446 Sync Modules (28 46 13 31-2320)

28 46 13 31-2447	EA	12 Or 24 Volt DC, Single Circuit Class B, Sync Module (Wheelock SM-12/24-R).....	178.54	28.57
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28 46 13 31-2448 Boxes, Plates And Rings (28 46 13 31-2320)

28 46 13 31-2449	EA	4" Square, Red, Surface Backbox (Wheelock BB-R).....	39.70	14.28
28 46 13 31-2450	EA	Standard 4" Square Box (Wheelock BB-STD).....	36.20	14.28
28 46 13 31-2451	EA	Black, Backbox For UZC-256 (Wheelock BB-UZC).....	215.20	28.57

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2452	EA		Red, Backbox For UZC-256 (Wheelock BB-UZC-R)	215.20	28.57
28 46 13 31-2453	EA		9" x 12" x 2.75", For Two XP Boards, Surface Mounted Cabinet (Wheelock BB-XP).....	166.09	22.85
28 46 13 31-2454	EA		Red, Extender Ring For E60 Series (Wheelock E60EXT-R)	21.39	5.71
28 46 13 31-2455	EA		White, Extender Ring For E60 Series (Wheelock E60EXT-W)	21.39	5.71
28 46 13 31-2456	EA		Red, Surface Mounted Backbox For E50 Speakers (Wheelock E50SB-R)	51.75	14.28
28 46 13 31-2457	EA		White, Surface Mounted Backbox For E50 Speakers (Wheelock E50SB-W)	48.49	14.28
28 46 13 31-2458	EA		Red, Surface Mounted Backbox For E50 Speaker Strobe (Wheelock E50SSB-R)	51.75	14.28
28 46 13 31-2459	EA		White, Surface Mounted Backbox For E50 Speaker Strobe (Wheelock E50SSB-W).....	51.75	14.28
28 46 13 31-2460	EA		4" Square Backbox (Wheelock DBB-R).....	41.78	14.28
28 46 13 31-2461	EA		Red, Surface Backbox (Wheelock IOB-R).....	49.61	14.28
28 46 13 31-2462	EA		White, Surface, Backbox (Wheelock IOB-W).....	49.61	14.28
28 46 13 31-2463	EA		White, Indoor, Surface Extender (Wheelock ISP2-W)	20.32	5.71
28 46 13 31-2464	EA		Red, RS/RSS Strobe Trim Plate (Wheelock NATP-R).....	24.66	5.71
28 46 13 31-2465	EA		White, RS/RSS Strobe Trim Plate (Wheelock NATP-W)	24.66	5.71
28 46 13 31-2466	EA		Red Retrofit Plate (Wheelock RP-R).....	24.64	5.71
28 46 13 31-2467	EA		4" Speaker/Strobe Ceiling Tile Support Bracket (Wheelock SSB-4).....	36.19	5.71
28 46 13 31-2468	EA		Red, Surface Mounted, Backbox For Chimes, Speakers (Wheelock SBB-R).....	52.25	14.28
28 46 13 31-2469	EA		White, Surface Mounted, Backbox For Chimes, Speaker (Wheelock SBB-W).....	52.97	14.28
28 46 13 31-2470	EA		Red, Surface Mounted, Backbox For With RSSP (Wheelock SBL2-R)	56.73	14.28
28 46 13 31-2471	EA		Red, Semi-Flush Plate (Wheelock SFB-R)	25.83	5.71
28 46 13 31-2472	EA		White, Semi-Flush Plate (Wheelock SFB-W).....	25.83	5.71
28 46 13 31-2473	EA		Red, Shallow Surface Mounted, Backbox (Wheelock SHBB-R).....	45.19	14.28
28 46 13 31-2474	EA		White, Shallow Surface Mounted, Backbox (Wheelock SHBB-W).....	45.19	14.28
28 46 13 31-2475	EA		Red, Adapter Plate For Mounting Sth-15S And Sth-15SR (Wheelock SHMP-R).....	31.35	5.71
28 46 13 31-2476	EA		Red, Weather Resistant Backbox (Wheelock WBB-R).....	51.34	14.28
28 46 13 31-2477	EA		Silver, Weather Resistant Backbox (Wheelock WBB-S).....	51.34	14.28
28 46 13 31-2478	EA		White, Weather Resistant Backbox (Wheelock WBB-W).....	51.34	14.28
28 46 13 31-2479	EA		Red, Flush Outdoor Mounting Plate For RS, ET, AH And MT Series (Wheelock WFP-R)	39.08	5.71
28 46 13 31-2480	EA		White, Flush Outdoor Mounting Plate For RS, ET, AH And MT Series (Wheelock WFP-W)	39.08	5.71
28 46 13 31-2481	EA		Red, Flush Outdoor Mounting Plate For ASWP Series (Wheelock WFPA-R)	39.08	5.71
28 46 13 31-2482	EA		White, Flush Outdoor Mounting Plate For ASWP Series (Wheelock WFPA-W).....	39.08	5.71
28 46 13 31-2483	EA		Gasket Kit For Rear Wiring To Outdoor Backbox (Wheelock WP-KIT).....	22.15	5.71
28 46 13 31-2484	EA		Weather Resistant Backbox For ASWP (Wheelock WPBB-R)	55.19	14.28
28 46 13 31-2485	EA		Weather Resistant Backbox For RSSWP (Wheelock WPSBB-R)	50.89	14.28
28 46 13 31-2486	EA		Red Plate For RSS (Wheelock RSSCP-R).....	20.32	5.71
28 46 13 31-2487	EA		White Plate For RSS (Wheelock RSSCP-W).....	20.32	5.71
28 46 13 31-2488	EA		Red Fire Plate For RSS (Wheelock RSSCPW-FR)	21.39	5.71
28 46 13 31-2489	EA		White Fire Plate For RSS (Wheelock RSSCPW-FW).....	21.39	5.71
28 46 13 31-2490	EA		Red, Indoor, Surface Extender (Wheelock ISP2-R).....	20.78	5.71
28 46 13 31-2491	EA		Red, 24 Volt DC, 135/185 Candela, Wall Mounted Strobe Plate (Wheelock RSSP-24MCHW-FR).....	128.88	5.71
28 46 13 31-2492	EA		White, 24 Volt DC, 15/30/75/110 Candela, Amber Lens, Ceiling Mounted Strobe Plate (Wheelock RSSPA-24MCC-ALW)	115.67	5.71
28 46 13 31-2493	EA		White, 24 Volt DC, 15/30/75/110 Candela, Amber Lens, No Lettering, Ceiling Mounted Strobe Plate (Wheelock RSSPA-24MCC-NW).....	113.71	5.71
28 46 13 31-2494	EA		White, 24 Volt DC, 15/30/75/110 Candela, Amber Lens, ALERT Lettering, Wall Mounted Strobe Plate (Wheelock RSSPA-24MCCW-ALW)	115.67	5.71
28 46 13 31-2495	EA		Red, Square Grill Plate For CH70, E70, ET70 (Wheelock ECHG70-R).....	20.58	5.71
28 46 13 31-2496	EA		White, Square Grill Plate For CH70, E70, ET70 (Wheelock ECHG70-W)	19.99	5.71
28 46 13 31-2497	EA		Red, Round Grill Plate For CH70, E70, ET70 (Wheelock ECHG90-R).....	21.02	5.71
28 46 13 31-2498	EA		White, Round Grill Plate For CH70, E70, ET70 (Wheelock ECHG90-W)	21.02	5.71
28 46 13 31-2499	EA		White, Fire Lettered, Grill Plate For E50 Speaker/Strobe (Wheelock ECHSG50-FW).....	19.99	5.71
28 46 13 31-2500	EA		Red, Square, Fire Lettered, Grill Plate For CH70,E70,ET70 Speaker/Strobe (Wheelock ECHSG70W-FR).....	20.92	5.71
28 46 13 31-2501	EA		White, Square, Fire Lettered, Grill Plate For CH70,E70,ET70 Speaker/Strobe (Wheelock ECHSG70W-FW).....	20.92	5.71
28 46 13 31-2502	EA		Red, Round, Fire Lettered, Grill Plate For CH70, E70, ET70 Speaker Strobe (Wheelock ECHSG90-R).....	19.99	5.71
28 46 13 31-2503	EA		White, Round, Fire Lettered, Grill Plate For CH70, E70, ET70 Speaker Strobe (Wheelock ECHSG90-W).....	19.99	5.71
28 46 13 31-2504	EA		Red, Surface Mounted, Extender Ring (Wheelock SER-R).....	27.43	5.71
28 46 13 31-2505	EA		White, Surface Mounted, Extender Ring (Wheelock SER-W).....	27.73	5.71
28 46 13 31-2506	EA		Red, Semi-Flush, Plate (Wheelock SFP-R)	22.15	5.71
28 46 13 31-2507	EA		Silver, Semi-Flush, Plate (Wheelock SFP-S).....	21.02	5.71
28 46 13 31-2508	EA		White, Semi-Flush, Plate (Wheelock SFP-W).....	22.15	5.71
28 46 13 31-2509	EA		Red, Weather Resistant Back Box For ASWP (Wheelock WPBB-R)	55.19	14.28
28 46 13 31-2510	EA		Red, Weather Resistant Back Box For RSSWP (Wheelock WPSBB-R)	50.89	14.28
28 46 13 31-2511	EA		White, Weather Resistant Back Box For RSSWP Series (Wheelock WPSBB-W).....	50.89	14.28
28 46 13 31-2512 Manual Pull Station (28 46 13 31-2320)					
28 46 13 31-2513	EA		SPST, Single Action, Manual Pull Station (Eaton Wheelock MPS-100)	129.38	28.57
28 46 13 31-2514	EA		SPST, Double Action, Manual Pull Station (Eaton Wheelock MPS-200)	129.38	28.57
28 46 13 31-2515	EA		Explosion Proof, Single Action Manual Pull Station (Eaton Wheelock MPS-400X)	1,148.09	28.57
28 46 13 31-2516 Potter Fire Alarm (28 46 13 31)					
28 46 13 31-2517 Electric Alarm Bells (28 46 13 31-2516)					
28 46 13 31-2518	EA		6" Alarm Bell, 12 Volt DC (Potter MBA-6-12).....	123.14	42.85
28 46 13 31-2519	EA		8" Alarm Bell, 12 Volt DC (Potter MBA-8-12)	134.96	42.85
28 46 13 31-2520	EA		10" Alarm Bell, 12 Volt DC (Potter MBA-10-12).....	140.87	42.85
28 46 13 31-2521	EA		6" Alarm Bell, 24 Volt DC (Potter MBA-6-24)	123.14	42.85
28 46 13 31-2522	EA		8" Alarm Bell, 24 Volt DC (Potter MBA-8-24)	134.96	42.85
28 46 13 31-2523	EA		10" Alarm Bell, 24 Volt DC (Potter MBA-10-24).....	140.87	42.85
28 46 13 31-2524	EA		6" Alarm Bell, 24 Volt AC (Potter PBA246)	133.17	42.85
28 46 13 31-2525	EA		8" Alarm Bell, 24 Volt AC (Potter PBA248)	138.85	42.85
28 46 13 31-2526	EA		10" Alarm Bell, 24 Volt AC (Potter PBA2410).....	172.27	42.85
28 46 13 31-2527	EA		6" Alarm Bell, 120 Volt AC (Potter PBA1206).....	124.84	42.85
28 46 13 31-2528	EA		8" Alarm Bell, 120 Volt AC (Potter PBA1208).....	138.85	42.85
28 46 13 31-2529	EA		10" Alarm Bell, 120 Volt AC (Potter PBA12010).....	150.56	42.85

28 Electronic Safety and Security**28 40 Life Safety****28 46 Fire Detection and Alarm**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2530			Manual Pull Station (28 46 13 31-2516)		
28 46 13 31-2531	EA		SPST, Single Action, Manual Pull Station (Potter P32-1T)	90.65	28.57
28 46 13 31-2532	EA		DPST, Single Action, Manual Pull Station (Potter RMS-2T)	96.01	28.57
28 46 13 31-2533	EA		DPST, Single Action, Manual Pull Station (Potter RMS-6T)	156.44	28.57
28 46 13 31-2534	EA		DPST, Single Action, Key Reset Manual Pull Station (Potter RMS-1T-KL)	99.35	28.57
28 46 13 31-2535	EA		SPST, Dual Action, Manual Pull Station (Potter P32-1T-LP)	93.69	28.57
28 46 13 31-2536	EA		SPST, Weather Proof, Manual Pull Station (Potter RMS-1T-WP)	175.34	28.57
28 46 13 31-2537	EA		SPST, Weather Proof Dual Action, Manual Pull Station (Potter RMS-1T-WP-LP).....	220.41	28.57
28 46 13 31-2538			Fire Alarm Terminal Cabinets (28 46 13 31)		
28 46 13 31-2539	EA		18 Point Lockable Fire Alarm Terminal Cabinet.....	240.65	57.23
28 46 13 31-2540	EA		32 Point Lockable Fire Alarm Terminal Cabinet.....	316.38	57.23
28 46 13 31-2541	EA		64 Point Lockable Fire Alarm Terminal Cabinet.....	467.83	57.23
28 46 13 31-2542	EA		128 Point Lockable Fire Alarm Terminal Cabinet.....	619.23	57.23
28 46 13 31-2543			Test And Certification Of Fire Alarm System (28 46 13 31)		
28 46 13 31-2544	HR		Test And Certification Of Fire Alarm System	283.74	
28 46 13 31-2545			Programing Of Fire Alarm System (28 46 13 31)		
28 46 13 31-2546	HR		Programing Of Fire Alarm System	340.49	
28 46 13 31-2547			Removal And Reinstallation Of Smoke Detector (28 46 13 31)		
			Note: Includes storage, cleaning and supply materials.		
28 46 13 31-2548	EA		Removal And Reinstallation Of Ceiling Mounted Smoke Detector.....	159.97	
28 46 13 31-2549	EA		Removal And Reinstallation Of Wall Mounted Smoke Detector.....	128.55	
28 46 13 31-2550			Kidde Fire Safety Equipment (28 46 13 31)		
28 46 13 31-2551			Smoke Detectors (28 46 13 31-2550)		
28 46 13 31-2552	EA		Combination Smoke And Carbon Monoxide Detector, 120 Volt Wired, With Battery Back-up (Kidde i12010SCO).....	153.94	42.85
28 46 13 31-2553	EA		Combination Smoke And Carbon Monoxide Detector, With Battery Back-up (Kidde P3010K-CO)	127.12	42.85
28 46 31			Fire-Alarm Initiating Devices (28 46)		
28 46 31 11			Heat-Sensing Fire Detectors (28 46 31)		
28 46 31 11-0001			Protectowire Fire Alarm (28 46 31 11)		
28 46 31 11-0002			Linear Heat Detector Cable (28 46 31 11-0001)		
28 46 31 11-0003	LF		Multi-Purpose Linear Heat Detector, EPC Type, 155 To 220 Degree F (Protectowire PHSC-EPC).....	5.51	
28 46 31 11-0004	LF		Multi-Purpose Linear Heat Detector With Messenger Wire, EPC Type, 155 To 220 Degree F (Protectowire PHSC-EPC-M).....	5.98	
28 46 31 11-0005	LF		High Performance Linear Heat Detector, XCR Type, 155 To 220 Degree F (Protectowire PHSC-XCR).....	5.98	
28 46 31 11-0006	LF		High Performance Linear Heat Detector With Messenger Wire, XCR Type, 155 To 220 Degree F (Protectowire PHSC-XCR-M).....	6.45	
28 46 31 11-0007	LF		Multi-Purpose Linear Heat Detector, XLT Type, 135 Degree F (Protectowire PHSC-XLT).....	6.96	
28 46 31 11-0008	LF		Multi-Purpose Linear Heat Detector With Messenger Wire, XLT Type, 135 Degree F (Protectowire PHSC-XLT-M)	7.43	
28 46 31 11-0009	EA		Flexible Lead Connector For Linear Heat Detector (Protectowire PFL).....	68.01	
28 46 31 11-0010	EA		Splicing Connector For Linear Heat Detector (Protectowire PWSC)	27.25	
28 46 31 11-0011	EA		Cable Tray Clip For Linear Heat Detector (Protectowire CC-2N And CC-2W).....	8.98	
28 46 31 11-0012	EA		Cable Tray Spring Clip For Linear Heat Detector (Protectowire HPC-2)	8.98	
28 46 31 11-0013	EA		Adhesive Cable Mount For Linear Heat Detector (Protectowire EMS-A-CO)	9.92	
28 46 31 11-0014	EA		Beam Clamp For Linear Heat Detector (Protectowire BC-2)	15.48	
28 46 31 11-0015	EA		Beam Clamp With Polypropylene Clip For Linear Heat Detector (Protectowire BC-3P).....	16.10	
28 46 31 11-0016	EA		Pipe Mounting Straps Nylon (3/4" to 2" Pipe) (Protectowire PM-3A)	1.58	
28 46 31 11-0017	EA		Pipe Mounting Straps Nylon (2-1/2" to 3-1/2" Pipe) (Protectowire PM-3B).....	2.15	
28 46 31 11-0018	EA		Pipe Mounting Straps Nylon (4" to 6" Pipe) (Protectowire PM-3C).....	9.50	
28 46 41			Fire-Alarm Notification Appliances (28 46)		
28 46 41 11			Audible Fire-Alarm Notification Appliances (28 46 41)		
			See CSI section 28 46 13 31-0000 for fire alarm speakers.		
28 46 41 31			Combination Fire-Alarm Notification Appliances (28 46 41)		
			See CSI section 28 46 13 31-0000 for fire alarm horns and strobes.		
28 47			Mass Notification (28 40)		
28 47 15			Mass Notification Control Panels (28 47)		
28 47 15 00-0001			Central Station Controls (28 47 15)		
28 47 15 00-0002	EA		Desktop 18 Function Base Station Control/Encoder (Whelen E747).....	972.76	
28 47 15 00-0003	EA		Desktop 35 Function Base Station Control/Encoder (Whelen E969).....	1,583.15	
28 47 15 00-0004	EA		Desktop Central Station Control Encoder/Decoder (Whelen E2010).....	4,381.22	
28 47 15 00-0005	EA		Siren Status Printer And Cable Option For E2010 (Whelen E2010P).....	1,364.64	28.57
28 47 15 00-0006	EA		Rack Mounted Central Station Control Encoder/Decoder (Whelen E2010R)	5,038.12	28.57
28 47 15 00-0007	EA		Internal Option To Convert E2010 To FSK Format (Whelen E2010FSK).....	757.58	28.57
28 47 15 00-0008	EA		Option To Convert Activation Controls To FSK Format (Whelen FSKCEO).....	858.50	28.57

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28 47 17 Notification Devices and Methods (28 47)
28 47 17 17 Notification Appliances and Methods Public Methods (28 47 17)
28 47 17 17-0001 Voice Capable Omni-Directional Speakers (28 47 17 17)

28 47 17 17-0002	EA	1 Cell, 109 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2901A).....	13,399.46	744.17
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.				
28 47 17 17-0003	EA	2 Cells, 115 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2902A).....	16,412.31	776.52
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.				
28 47 17 17-0004	EA	3 Cells, 119 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2903A).....	19,387.73	808.87
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.				
28 47 17 17-0005	EA	4 Cells, 121 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2904A).....	22,363.13	841.22
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.				
28 47 17 17-0006	EA	5 Cells, 123 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2905A).....	25,413.42	873.58
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.				
28 47 17 17-0007	EA	6 Cells, 125 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2906A).....	30,523.33	905.94
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.				
28 47 17 17-0008	EA	7 Cells, 126 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2907A).....	33,536.18	938.29
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.				
28 47 17 17-0009	EA	8 Cells, 127 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2908A).....	37,160.67	970.65
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.				
28 47 17 17-0010	EA	9 Cells, 128 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2909A).....	40,136.08	1,003.00
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.				
28 47 17 17-0011	EA	10 Cells, 129 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2910A).....	43,148.93	1,035.36
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.				
28 47 17 17-0012	EA	3 Cells, 127 dB, Voice Capable Rotating Directional Speaker (Whelen WPS4003).....	29,399.92	905.94
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.				
28 47 17 17-0013	EA	4 Cells, 129 dB, Voice Capable Rotating Directional Speaker (Whelen WPS4004).....	31,326.79	938.29
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.				
28 47 17 17-0014	EA	One-Way Control, 10 Digit DTMF Landline (Whelen D2030LL).....	467.22	28.57
28 47 17 17-0015	EA	VHF High-Band Narrow-Band, One-Way Control, 10 Digit DTMF (Whelen D2030NV).....	2,204.10	28.57
28 47 17 17-0016	EA	UHF Narrow-Band, One-Way Control, 10 Digit DTMF (Whelen D2030NU).....	2,204.10	28.57
28 47 17 17-0017	EA	UHF Wide Band, One-Way Control, 10 Digit DTMF (Whelen D2030WU).....	1,991.90	28.57
28 47 17 17-0018	EA	VHF High-Band Wide Band, One-Way Control, 10 Digit DTMF (Whelen D2030WV).....	1,929.49	28.57
28 47 17 17-0019	EA	Two-Tone Sequential Option (Whelen WPSTT).....	431.99	28.57
28 47 17 17-0020	EA	Full Function Auxiliary/Status Board For Contact Closure Activation (Two Way) (Whelen AUXCS).....	552.37	28.57
28 47 17 17-0021	EA	Landline, 10 Digit DTMF (Whelen C2030LL).....	573.90	28.57
28 47 17 17-0022	EA	VHF High-Band Narrow-Band, Two-Way Control, 10 Digit DTMF (Whelen C2030NV).....	3,142.07	28.57
28 47 17 17-0023	EA	UHF Narrow-Band, Two-Way Control, 10 Digit DTMF (Whelen C2030NU).....	2,416.30	28.57
28 47 17 17-0024	EA	UHF Wide-Band, 10 Digit DTMF (Whelen C2030WU).....	2,416.30	28.57
28 47 17 17-0025	EA	VHF High-Wide Band, 10 Digit DTMF (Whelen C2030WV).....	2,416.30	28.57
28 47 17 17-0026	EA	Option To Convert WPS Activation Controls To FSK Format (Whelen FSKXMOD).....	858.50	28.57
28 47 17 17-0027	EA	Cabinet Window LED Status Indicator (Whelen STATUS).....	563.01	28.57
28 47 17 17-0028	EA	Paging Interface Whelen Tones With Existing In-Plant Systems (Whelen PGINT).....	355.65	28.57
28 47 17 17-0029	EA	Intrusion Alarm (Whelen INTRUWPS).....	270.50	28.57
28 47 17 17-0030	EA	Custom Pre-Recorded Messages (One Time Set-Up Charge Per Message) (Whelen MSGPROG).....	186.94	
28 47 17 17-0031	EA	Whelen Library Messages (Whelen MSGPROGL).....	37.44	
28 47 17 17-0032	EA	Noise Cancelling Microphone Includes Local Microphone Input Harness (Whelen WPSNCMIC).....	147.66	28.57
28 47 17 17-0033	EA	One Pair Of Whelen Approved Batteries (Whelen WPSBATT).....	1,124.24	42.85
28 47 17 17-0034	EA	WPS And OA Series, Roof Top Mounted (Whelen RTM).....	10,449.01	711.81
28 47 17 17-0035	EA	Two 80 Watt Panels, Solar Power System (Whelen SBC280).....	4,424.53	171.39
Note: Includes mounting bracket and regulator.				
28 47 17 17-0036	EA	Amber, 6 LED Lights For The Base Of WPS Series (Whelen VALERTA).....	2,257.64	42.85
28 47 17 17-0037	EA	Blue, 6 LED Lights For The Base Of WPS Series (Whelen VALERTB).....	2,257.64	42.85
28 47 17 17-0038	EA	Clear, 6 LED Lights For The Base Of WPS Series (Whelen VALERTC).....	2,257.64	42.85
28 47 17 17-0039	EA	Green, 6 LED Lights For The Base Of WPS Series (Whelen VALERTG).....	2,257.64	42.85
28 47 17 17-0040	EA	Red, 6 LED Lights For The Base Of WPS Series Products (Whelen VALERTR).....	2,257.64	42.85
28 47 17 17-0041	EA	Amber, 24 Volt DC, LED, Beacon (Whelen L31HAF4).....	700.35	42.85
28 47 17 17-0042	EA	Blue, 24 Volt DC, LED, Beacon (Whelen L31HBF4).....	700.35	42.85
28 47 17 17-0043	EA	Red, 24 Volt DC, LED, Beacon (Whelen L31HRF4).....	700.35	42.85
28 47 17 17-0044	EA	Amber, 24 Volt DC, Strobe (Whelen ISB24A).....	548.64	42.85
28 47 17 17-0045	EA	Blue, 24 Volt DC, Strobe (Whelen ISB24B).....	548.64	42.85
28 47 17 17-0046	EA	Clear, 24 Volt DC, Strobe (Whelen ISB24C).....	548.64	42.85
28 47 17 17-0047	EA	Green, 24 Volt DC, Strobe (Whelen ISB24G).....	548.64	42.85
28 47 17 17-0048	EA	Red, 24 Volt DC, Strobe (Whelen ISB24R).....	548.64	42.85
28 47 17 17-0049	EA	Strobe/LED Controller With Mounting Plate, Hardware And Harnessing For ISB24 (Whelen SCWPS).....	872.23	28.57
28 47 17 17-0050	EA	Strobe Controller (Whelen STCTRL).....	578.80	28.57
28 47 17 17-0051	EA	LED Controller (Whelen LEDCTRL).....	578.80	28.57
28 47 17 17-0052	EA	Speaker Driver Handle/Plate Assembly Only (Less Speaker Driver) (Whelen EZ-PULL).....	397.01	42.85
28 47 17 17-0053	EA	Siren Diagnostic and Programming Software In CD Format (Whelen SDPTS).....	494.75	
28 47 17 17-0054	EA	400 Watt Speaker Driver (Whelen SPKDRV).....	801.95	28.57
28 47 17 17-0055	EA	Cabinet Window LED Status Indicator (Whelen STATUS).....	403.60	28.57
28 47 17 17-0056	EA	Noise Cancelling Microphone Option For Encoder (Whelen WPSMIC).....	147.66	28.57
28 47 17 17-0057	EA	Notifier/Whelen Interface Board (Whelen NAUXCS).....	793.14	28.57

28 47 17 17-0058 Tone Only, Omni-Alert Sirens (28 47 17 17)

28 47 17 17-0059	EA	One Cell, Tone Only, Omni-Alert Siren (Whelen OA1).....	10,786.04	711.81
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.				
28 47 17 17-0060	EA	Two Cell, Tone Only, Omni-Alert Siren (Whelen OA2).....	13,524.29	744.17
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.				
28 47 17 17-0061	EA	Three Cell, Tone Only, Omni-Alert Siren (Whelen OA3).....	16,237.55	776.52
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.				
28 47 17 17-0062	EA	Four Cell, Tone Only, Omni-Alert Siren (Whelen OA4).....	19,013.25	808.87
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.				

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28 47 17 17-0063	EA	One Way Controls, Auxiliary Board For Contact Closure Activation (Whelen OAUXXIN).....	309.27	28.57
28 47 17 17-0064	EA	One Way Landline Activation, 10 Digit DTMF (Whelen OD2030LL).....	467.22	28.57
28 47 17 17-0065	EA	VHF High-Narrow Band, 10 Digit DTMF (Whelen OD230NV).....	2,204.10	28.57
28 47 17 17-0066	EA	UHF Narrow-Band, 10 Digit DTMF (Whelen OD230NU).....	2,204.10	28.57
28 47 17 17-0067	EA	UHF Wide-Band, 10 Digit DTMF (Whelen OD230WU).....	1,991.90	28.57
28 47 17 17-0068	EA	VHF High-Wide Band, 10 Digit DTMF (Whelen OD230WV).....	1,929.49	28.57
28 47 17 17-0069	EA	One-Way Control Two-Tone Sequential Option (Whelen OTT).....	377.18	28.57
28 47 17 17-0070	EA	Two Way Controls, Contact Closure Activation Board (Whelen OAUXXCS).....	688.74	28.57
28 47 17 17-0071	EA	Two Way Landline Activation (Whelen OC2030LL).....	716.20	28.57
28 47 17 17-0072	EA	VHF High-Narrow Band, 10 Digit DTMF (Whelen OC230NV).....	2,416.30	28.57
28 47 17 17-0073	EA	UHF Narrow-Band, 10 Digit DTMF (Whelen OC230NU).....	2,416.30	28.57
28 47 17 17-0074	EA	UHF, 10 Digit DTMF (Whelen OC230WU).....	2,416.30	28.57
28 47 17 17-0075	EA	VHF High Band, 10 Digit DTMF (Whelen OC230WV).....	2,416.30	28.57
28 47 17 17-0076	EA	Converts The Omni-Alert Siren Activation Controls To FSK Format (Whelen OFSKXMOD).....	858.50	28.57
28 47 17 17-0077	EA	Paging Interface To Interface Whelen Tones With Existing In-Plant Systems (Whelen OPGINT).....	355.65	28.57
28 47 17 17-0078	EA	Cabinet Window LED Status Indicator (Whelen OSTATUS).....	403.60	28.57
28 47 17 17-0079	EA	Intrusion Alarm (Whelen OINTRU).....	217.64	28.57
28 47 17 17-0080	EA	80 Watt Solar Power Option (Whelen OSBC280).....	4,424.53	171.39
28 47 17 17-0081	EA	One Pair Of Whelen Approved Batteries For Omniaalert (Whelen BSETO).....	817.80	42.85

28 47 17 17-0082 Tone-Only Rotating Directional Speakers (28 47 17 17)

28 47 17 17-0083	EA	3 Cells, 127 dB, Tone-Only Rotating Directional Speaker (Whelen VORTEXR3).....	22,612.78	841.22
		Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.		
28 47 17 17-0084	EA	4 Cells, 129 dB, Tone-Only Rotating Directional Speaker (Whelen VORTEXR4).....	23,990.43	873.58
		Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.		
28 47 17 17-0085	EA	Limited Function Auxiliary Board For Contact Closure Activation (Whelen VAUXIN).....	254.84	28.57
28 47 17 17-0086	EA	Landline, 10 Digit DTMF (Whelen VD2030LL).....	580.14	28.57
28 47 17 17-0087	EA	VHF High-Narrow Band, 10 Digit DTMF (Whelen VD230NV).....	2,204.10	28.57
28 47 17 17-0088	EA	UHF Narrow-Band, 10 Digit DTMF (Whelen VD230NU).....	2,204.10	28.57
28 47 17 17-0089	EA	UHF Wide-Band, 10 Digit DTMF (Whelen VD230WU).....	1,991.90	28.57
28 47 17 17-0090	EA	VHF High-Wide Band, 10 Digit DTMF (Whelen VD230WV).....	1,929.49	28.57
28 47 17 17-0091	EA	Two-Tone Sequential Option (Order One-Way Control Option, Above, VD2020LI, VD2020H, VD2020U) (Whelen VORTT).....	377.18	28.57
28 47 17 17-0092	EA	Full Function Auxiliary/Status Control Board For Contact Closure Activation (Whelen VAUXCS).....	675.01	28.57
28 47 17 17-0093	EA	Landline, 10 Digit DTMF (Whelen VC2030LL).....	716.20	28.57
28 47 17 17-0094	EA	VHF High-Narrow Band, 10 Digit DTMF (Whelen VC230NV).....	2,416.30	28.57
28 47 17 17-0095	EA	UHF Narrow-Band, 10 Digit DTMF (Whelen VC230NU).....	2,416.30	28.57
28 47 17 17-0096	EA	UHF, 10 Digit DTMF (Whelen VC230WU).....	2,416.30	28.57
28 47 17 17-0097	EA	VHF High Band, 10 Digit DTMF (Whelen VC230WV).....	2,416.30	28.57
28 47 17 17-0098	EA	Option To Convert The Vortex Activation Controls To FSK Format (Whelen VFASKXMOD).....	858.50	28.57
28 47 17 17-0099	EA	Cabinet Window LED Status Indicator (Whelen VSTATUS).....	499.01	28.57
28 47 17 17-0100	EA	Paging Interface To Interface Whelen Tones With Existing In-Plant Systems (Whelen VPGINT).....	355.65	28.57
28 47 17 17-0101	EA	Vortex Intrusion Alarm (Whelen VINTRU).....	217.64	28.57
28 47 17 17-0102	EA	Speaker Pole Top Bracket (Whelen VPTB).....	688.74	28.57
28 47 17 17-0103	EA	80 Watt Solar Power Option (Whelen VSBC280).....	4,424.53	171.39
28 47 17 17-0104	EA	One Pair Of Whelen Approved Batteries For Vortex Series (Whelen BSETVOR).....	817.80	42.85
28 47 17 17-0105	EA	Program Charge For Custom VROM Message (Whelen VPROG).....	3,469.57	

28 47 17 17-0106 Uni-Directional Rotating Speakers (28 47 17 17)

28 47 17 17-0107	EA	118 dB, Uni-Directional Rotating Speaker (Whelen HORNET).....	14,348.13	744.17
28 47 17 17-0108	EA	One Way Contact Closure Activation Control Board (Whelen HAUXXIN).....	254.84	28.57
28 47 17 17-0109	EA	Landline, One Way Control, 10 Digit DTMF (Whelen HD2030LL).....	580.14	28.57
28 47 17 17-0110	EA	VHF High-Narrow Band, One Way Control, 10 Digit DTMF (Whelen HD230NV).....	2,204.10	28.57
28 47 17 17-0111	EA	UHF Narrow-Band, One Way Control, 10 Digit DTMF (Whelen HD230NU).....	2,204.10	28.57
28 47 17 17-0112	EA	UHF Wide-Band, One Way Control, 10 Digit DTMF (Whelen HD230WU).....	1,991.90	28.57
28 47 17 17-0113	EA	VHF High-Wide Band, One Way Control, 10 Digit DTMF (Whelen HD230WV).....	1,929.49	28.57
28 47 17 17-0114	EA	Two-Tone Sequential Option For Hornet (Whelen HORTT).....	465.30	28.57
28 47 17 17-0115	EA	Two Way Contact Closure Activation And Status Control Board (Whelen HAUXXCS).....	541.61	28.57
28 47 17 17-0116	EA	Landline, Two Way Control, 10 Digit DTMF (Whelen HC2030LL).....	573.90	28.57
28 47 17 17-0117	EA	VHF High-Narrow Band, Two Way Control, 10 Digit DTMF (Whelen HC230NV).....	2,416.30	28.57
28 47 17 17-0118	EA	UHF Narrow-Band, Two Way Control, 10 Digit DTMF (Whelen HC230NU).....	2,416.30	28.57
28 47 17 17-0119	EA	UHF, Two Way Control, 10 Digit DTMF (Whelen HC230WU).....	2,416.30	28.57
28 47 17 17-0120	EA	VHF High Band, Two Way Control, 10 Digit DTMF (Whelen HC230WV).....	2,416.30	28.57
28 47 17 17-0121	EA	Converts Siren Activation Controls To FSK Format (Whelen HFSKXMOD).....	858.50	28.57
28 47 17 17-0122	EA	LED Status Indicator (Whelen HSTATUS).....	403.60	28.57
28 47 17 17-0123	EA	Option For Paging Interface (Whelen HPGINT).....	355.65	28.57
28 47 17 17-0124	EA	Intrusion Alarm (Whelen HINTRU).....	217.64	28.57
28 47 17 17-0125	EA	Solar Power Option (Whelen HSBC280).....	4,424.53	171.39
28 47 17 17-0126	EA	Pole Top Bracket For Speaker (Whelen HPTB).....	570.97	28.57
28 47 17 17-0127	EA	One Pair Of Whelen Approved Batteries (Whelen BSETF).....	817.80	42.85

28 47 17 17-0128 All Hazard In-Plant Personnel Warning System (28 47 17 17)

28 47 17 17-0129	EA	400 Watt, Voice Capable, In-Plant Personnel Warning System (Whelen IPS400).....	7,120.76	914.10
28 47 17 17-0130	EA	800 Watt, Voice Capable, In-Plant Personnel Warning System (Whelen IPS800).....	8,659.93	1,028.37
28 47 17 17-0131	EA	15 Watt, Wide Angle Speaker (Whelen WS15T).....	362.68	42.85
28 47 17 17-0132	EA	Recess Mounted, 15 Watt Speaker (Whelen WS15TR).....	347.02	42.85
28 47 17 17-0133	EA	With Grill, Recess Mounted, 15 Watt Speaker (Whelen WS15TEN).....	660.22	42.85
28 47 17 17-0134	EA	30 Watt, Wide Angle Speaker (Whelen WS30T).....	451.75	42.85
28 47 17 17-0135	EA	60 Watt, Wide Angle Speaker (Whelen WS60T).....	909.80	42.85
28 47 17 17-0136	EA	Explosion-Proof, 60 Watt, Wide Angle Speaker (Whelen WSXPL6T).....	1,757.29	48.56
28 47 17 17-0137	EA	100 Watt, Wide Angle Speaker (Whelen WS100).....	580.94	42.85
28 47 17 17-0138	EA	Weatherproof Housing, 100 Watt, Wide Angle Speaker (Whelen WS100TCH).....	905.57	48.56

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28 47 17 17-0139	EA		Intrusion Alarm For Whelen Outdoor Speaker Cabinets (Whelen INTRU)	217.64	28.57
28 47 17 17-0140			Firehouse Siren ^(28 47 17 17)		
28 47 17 17-0141	EA		Auxiliary Board Contact Closure (Whelen FAUXIN)	254.84	28.57
28 47 17 17-0142	EA		Two-Tone Sequential Option (Whelen FTT)	377.18	28.57
28 47 17 17-0143	EA		Auxiliary/Status Control Board (Whelen FAUXCS)	675.01	28.57
28 47 17 17-0144	EA		Landline, 10 Digit DTMF (Whelen FC2030LL)	573.90	28.57
28 47 17 17-0145	EA		VHF High-Narrow Band, 10 Digit DTMF (Whelen FC230NV)	2,416.30	28.57
28 47 17 17-0146	EA		UHF Narrow-Band, 10 Digit DTMF (Whelen FC230NU)	2,416.30	28.57
28 47 17 17-0147	EA		UHF, 10 Digit DTMF (Whelen FC230WU)	2,416.30	28.57
28 47 17 17-0148	EA		VHF High Band, 10 Digit DTMF (Whelen FC230WV)	2,416.30	28.57
28 47 17 17-0149	EA		Paging Interface Control Option (Whelen FPGINT)	355.65	28.57
28 47 17 17-0150	EA		Intrusion Alarm Control Option (Whelen FINTRU)	217.64	28.57
28 47 17 17-0151	EA		Solar Power Option (Whelen FSBC280)	4,424.53	171.39
			Note: Two 80 watt panels, with brackets and solar regulator.		
28 47 17 17-0152			Alert Monitor And Message Display ^(28 47 17 17)		
28 47 17 17-0153	EA		Alert Monitor With Radio Receiver VHF High Band (Whelen V2000H)	2,016.87	28.57
28 47 17 17-0154	EA		Alert Monitor VHF High-Narrow Band (Whelen V2000NH)	2,016.87	28.57
28 47 17 17-0155	EA		Alert Monitor UHF Narrow-Band (Whelen V2000NU)	2,016.87	28.57
28 47 17 17-0156	EA		Alert Monitor With Radio Receiver UHF (Whelen V2000U)	2,016.87	28.57
28 47 17 17-0157	EA		Internal Battery And Charger For VA2000 Series (Whelen VA2BATT)	229.57	42.85
28 47 17 17-0158	EA		Mounting Bracket For Under Cabinet Or Vehicle Mounting - VA2000 Series (Whelen VA2MTG)	67.90	28.57
28 47 17 17-0159	EA		Factory Programming Of 1 To 15 VA2000 Display Messages (Whelen VA2PROGA)	138.98	
28 47 17 17-0160	EA		Factory Programming Of 16 To 45 VA2000 Display Messages (Whelen VA2PROGB)	218.26	
28 47 17 17-0161			Portable Test Set ^(28 47 17 17)		
28 47 17 17-0162	EA		VHF High Band, Portable Test Set (Whelen PT2010H)	8,151.01	
28 47 17 17-0163	EA		VHF Low Band, Portable Test Set (Whelen PT2010L)	8,151.01	
28 47 17 17-0164	EA		UHF, Portable Test Set (Whelen PT2010U)	8,151.01	
28 47 17 17-0165			Replacement Warning Lights ^(28 47 17 17)		
28 47 17 17-0166	EA		Amber, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IA)	357.63	45.71
28 47 17 17-0167	EA		Blue, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IB)	357.63	45.71
28 47 17 17-0168	EA		Clear, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IC)	357.63	45.71
28 47 17 17-0169	EA		Green, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IG)	357.63	45.71
28 47 17 17-0170	EA		Red, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IR)	357.63	45.71
28 47 17 17-0171	EA		Amber, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IA)	384.05	45.71
28 47 17 17-0172	EA		Blue, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IB)	251.92	45.71
28 47 17 17-0173	EA		Clear, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IC)	380.14	45.71
28 47 17 17-0174	EA		Green, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IG)	380.14	45.71
28 47 17 17-0175	EA		Red, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IR)	380.14	45.71
28 47 17 17-0176	EA		Amber, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HA)	357.63	45.71
28 47 17 17-0177	EA		Blue, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HB)	357.63	45.71
28 47 17 17-0178	EA		Clear, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HC)	357.63	45.71
28 47 17 17-0179	EA		Green, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HG)	357.63	45.71
28 47 17 17-0180	EA		Red, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HR)	357.63	45.71
28 47 17 17-0181	EA		Amber, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HA)	399.71	45.71
28 47 17 17-0182	EA		Blue, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HB)	399.71	45.71
28 47 17 17-0183	EA		Clear, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HC)	261.71	45.71
28 47 17 17-0184	EA		Green, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HG)	261.71	45.71
28 47 17 17-0185	EA		Red, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HR)	261.71	45.71
28 47 17 17-0186			Antenna ^(28 47 17 17)		
28 47 17 17-0187	EA		50' Antenna Cable (Honeywell Ademco 7626-50HC)	293.26	
28 47 17 17-0188	EA		External/Remote Weatherproof Antenna (Honeywell Ademco GSM-ANT3DB)	260.09	
28 47 17 17-0189	EA		80GHz Millimeter Wave Radio (BridgeWave Flex4G-1000)	14,452.87	
28 49			Electronic Personal Protection Systems ^(28 49)		
28 49 11			Electronic Personal Safety Detection Systems ^(28 49)		
28 49 11 00-0001			Personnel Alarm Locating System ^(28 49 11)		
			Note: Includes a central computer, 17" VGA color monitor, keyboard and mouse, personal alarm locating software, a printer, interface cards and panels, eighty (80) personal alarm transmitters with lithium batteries, eighty (80) lapel readers, two hundred fifty (250) IR locators, twenty one (21) repeaters and receivers, back boxes, cables.		
28 49 11 00-0002	EA		Personnel Alarm Locating System	22,840.32	917.18
			Note: Includes Pentium III central computer, 17" VGA color monitor, keyboard and mouse, personal alarm locating software, a printer, interface cards and panels.		
28 49 11 00-0003	EA		Personnel Alarm Transmitters With Lithium Batteries	182.05	
28 49 11 00-0004	EA		Lapel Reader	70.02	
28 49 11 00-0005	EA		IR Locator	250.71	34.34
28 49 11 00-0006	EA		Repeaters And Receivers	607.03	114.47
28 49 17			Electronic Personal Safety Emergency Aid Devices ^(28 49)		
28 49 17 00-0001			Electronic Personal Safety Emergency Aid Devices (Edwards Signaling) ^(28 49 17)		

28 Electronic Safety and Security**28 40 Life Safety****28 49 Electronic Personal Protection Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 49 17 00-0002			Call For Assistance Kits, Emergency Aid Devices (Edwards Signaling) <small>(28 49 17 00-0001)</small>		
28 49 17 00-0003	EA		Pull Cord Call For Assistance Kit With Strobe/Buzzer, Emergency Aid Devices (Edwards Signaling 7008B-N5) Note: Includes 1 high intensity strobe/buzzer (7007B-N5) and 1 emergency pull cord station (6537).	322.65	68.68
28 49 17 00-0004	EA		Push Button Call For Assistance Kit With Strobe/Horn, Emergency Aid Devices (Edwards Signaling 7005-G5) Note: Includes 1 high intensity strobe/horn (6536-G5), 1 emergency pull cord station (6537), and 1 transformer 592.	383.05	80.13
28 49 17 00-0005	EA		Pull Cord Call For Assistance Kit With Strobe/Horn, Emergency Aid Devices (Edwards Signaling 6538-G5) Note: Includes 1 high intensity strobe/horn (6536-G5), 1 wall mounted push button (620/147-10), and 1 transformer 592.	385.98	80.13
28 49 17 00-0006			Audible/Visual Signaling Devices, Emergency Aid Devices (Edwards Signaling) <small>(28 49 17 00-0001)</small>		
28 49 17 00-0007	EA		High Intensity Strobe/Buzzer, Emergency Aid Devices (Edwards Signaling 7007B-N5)	238.59	42.92
28 49 17 00-0008	EA		High Intensity Strobe/Horn, Emergency Aid Devices (Edwards Signaling 6536-G5)	233.47	34.34
28 49 17 00-0009	EA		Transformer For High Intensity Strobe/Horns, Emergency Aid Devices (Edwards Signaling 592)	105.64	34.34
28 49 17 00-0010	EA		1 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-1N5).....	188.08	34.34
28 49 17 00-0011	EA		2 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-2N5).....	217.56	34.34
28 49 17 00-0012	EA		4 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-4G5)	248.14	34.34
28 49 17 00-0013	EA		2 Lamp, Dome Station/Buzzer, Emergency Aid Devices (Edwards Signaling 7633-2).....	346.47	34.34
28 49 17 00-0014	EA		4 Lamp, Dome Station/Buzzer, Emergency Aid Devices (Edwards Signaling 7633-4).....	388.77	34.34
28 49 17 00-0015			Call Activation Devices, Emergency Aid Devices (Edwards Signaling) <small>(28 49 17 00-0001)</small>		
28 49 17 00-0016	EA		Double Pole Single Throw Switch, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 6537).....	142.63	34.34
28 49 17 00-0017	EA		Pushbutton Wall Station/Indicator Lamp With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7603E).....	212.89	34.34
28 49 17 00-0018	EA		Pushbutton Wall Station/Indicator Lamp With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7613E).....	280.72	34.34
28 49 17 00-0019	EA		3 Maintained Contacts, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7302).....	304.63	11.45
28 49 17 00-0020	EA		Bedside Wall Station Receptacle, Emergency Aid Devices (Edwards Signaling 7930)	219.16	34.34
28 49 17 00-0021	EA		Bedside Wall Station Receptacle With Lamp, Emergency Aid Devices (Edwards Signaling 7930L).....	259.73	34.34
28 49 17 00-0022	EA		Locking Button, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7932L)	444.60	34.34
28 49 17 00-0023	EA		Pendant Push Button, Emergency Aid Devices (Edwards Signaling 7620)	208.01	34.34
28 49 17 00-0024	EA		Single 6' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7675)	257.22	11.45
28 49 17 00-0025	EA		Double 6' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7676)	398.81	11.45
28 49 17 00-0026	EA		Single 15' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7685)	407.51	11.45
28 49 17 00-0027	EA		Double 15' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7686)	537.53	11.45

END OF SECTION 28

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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31 Earthwork

31 05 Common Work Results for Earthwork ⁽³¹⁾

31 05 13 Soils for Earthwork ^(31 05)

Note: Includes delivery up to 15 miles from the closest approved source and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

31 05 13 00-0001	Fill Material (Loose, Purchased Material) ^(31 05 13)	
	Note: Includes delivery up to 15 miles from the closest approved source, loading and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.	
31 05 13 00-0002	CY Bank Run/Fill Sand	40.43
	For Up To 8, Add	8.09
	For >8 To 16, Add	4.04
	For >48 To 64, Deduct	-2.86
	For >64 To 96, Deduct	-4.88
	For >96, Deduct	-6.90
31 05 13 00-0003	CY Screened/Washed Filter/Septic Sand	48.58
	For Up To 8, Add	9.72
	For >8 To 16, Add	4.86
	For >48 To 64, Deduct	-3.27
	For >64 To 96, Deduct	-5.70
	For >96, Deduct	-8.13
31 05 13 00-0004	CY 3/8" Minus, ASTM C33, Screened/Washed Bedding Sand	68.15
	For Up To 8, Add	13.63
	For >8 To 16, Add	6.82
	For >48 To 64, Deduct	-4.25
	For >64 To 96, Deduct	-7.65
	For >96, Deduct	-11.06
31 05 13 00-0005	CY 3/16" Minus, Screened/Washed Concrete Sand	60.81
	For Up To 8, Add	12.16
	For >8 To 16, Add	6.08
	For >48 To 64, Deduct	-3.88
	For >64 To 96, Deduct	-6.92
	For >96, Deduct	-9.96
31 05 13 00-0006	CY 3/32" Minus, Screened/Washed Masonry/Mortar Sand	111.36
	For Up To 8, Add	22.27
	For >8 To 16, Add	11.14
	For >48 To 64, Deduct	-6.41
	For >64 To 96, Deduct	-11.98
	For >96, Deduct	-17.54
31 05 13 00-0007	CY Common Fill, Native Soil/Dirt	51.03
	For Up To 8, Add	10.21
	For >8 To 16, Add	5.10
	For >48 To 64, Deduct	-3.39
	For >64 To 96, Deduct	-5.94
	For >96, Deduct	-8.49
31 05 13 00-0008	CY Crushed Lime Rock Maximum 3-1/2"	45.89
	For Up To 8, Add	9.18
	For >8 To 16, Add	4.59
	For >48 To 64, Deduct	-3.13
	For >64 To 96, Deduct	-5.43
	For >96, Deduct	-7.72
31 05 13 00-0009	CY Asphalt Sand	35.32
	For Up To 8, Add	7.06
	For >8 To 16, Add	3.53
	For >48 To 64, Deduct	-2.61
	For >64 To 96, Deduct	-4.37
	For >96, Deduct	-6.14
31 05 13 00-0010	CY Sand/Clay	36.60
	For Up To 8, Add	7.32
	For >8 To 16, Add	3.66
	For >48 To 64, Deduct	-2.67
	For >64 To 96, Deduct	-4.50
	For >96, Deduct	-6.33
31 05 13 00-0011	CY Recycled Concrete Aggregate	40.84
	For Up To 8, Add	8.17
	For >8 To 16, Add	4.08
	For >48 To 64, Deduct	-2.88
	For >64 To 96, Deduct	-4.92
	For >96, Deduct	-6.97
31 05 13 00-0012	CY Sand Fill, Washed Aggregate	47.14
	For Up To 8, Add	9.43
	For >8 To 16, Add	4.71
	For >48 To 64, Deduct	-3.20
	For >64 To 96, Deduct	-5.55
	For >96, Deduct	-7.91
31 05 13 00-0013	CY Pond Sand	25.42
	For Up To 8, Add	5.08
	For >8 To 16, Add	2.54
	For >48 To 64, Deduct	-2.11
	For >64 To 96, Deduct	-3.38
	For >96, Deduct	-4.65

31 05 16 Aggregates for Earthwork ^(31 05)

See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

31 Earthwork
31 05 Common Work Results for Earthwork
31 05 16 Aggregates for Earthwork



MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

31 05 16 00-0001 Aggregate (Loose, Purchased Material) <small>(31 05 16)</small>		
Note: Includes delivery up to 15 miles from the closest approved source, loading and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.		
31 05 16 00-0002	CY #2 Stone Aggregate Fill (1-1/2" To 2-1/2" Clean).....	62.44
	For Up To 8, Add	12.49
	For >8 To 16, Add	6.24
	For >48 To 64, Deduct	-3.96
	For >64 To 96, Deduct	-7.08
	For >96, Deduct	-10.21
31 05 16 00-0003	CY #3 Stone Aggregate Fill (1" To 2" Clean).....	65.12
	For Up To 8, Add	13.02
	For >8 To 16, Add	6.51
	For >48 To 64, Deduct	-4.10
	For >64 To 96, Deduct	-7.35
	For >96, Deduct	-10.61
31 05 16 00-0004	CY #4 Stone Aggregate Fill (3/4" To 1-1/2" Clean).....	62.44
	For Up To 8, Add	12.49
	For >8 To 16, Add	6.24
	For >48 To 64, Deduct	-3.96
	For >64 To 96, Deduct	-7.08
	For >96, Deduct	-10.21
31 05 16 00-0005	CY #5 Stone Aggregate Fill (1/2" To 1" Clean).....	67.06
	For Up To 8, Add	13.41
	For >8 To 16, Add	6.71
	For >48 To 64, Deduct	-4.19
	For >64 To 96, Deduct	-7.55
	For >96, Deduct	-10.90
31 05 16 00-0006	CY #6 Stone Aggregate Fill (3/8" To 3/4" Clean).....	69.78
	For Up To 8, Add	13.96
	For >8 To 16, Add	6.98
	For >48 To 64, Deduct	-4.33
	For >64 To 96, Deduct	-7.82
	For >96, Deduct	-11.31
31 05 16 00-0007	CY #56 Stone Aggregate Fill (3/8" To 1").....	67.48
	For Up To 8, Add	13.50
	For >8 To 16, Add	6.75
	For >48 To 64, Deduct	-4.21
	For >64 To 96, Deduct	-7.59
	For >96, Deduct	-10.96
31 05 16 00-0008	CY #57 Stone Aggregate Fill (3/8" To 1").....	72.23
	For Up To 8, Add	14.45
	For >8 To 16, Add	7.22
	For >48 To 64, Deduct	-4.45
	For >64 To 96, Deduct	-8.06
	For >96, Deduct	-11.67
31 05 16 00-0009	CY #67 Or #68 Stone Aggregate Fill (3/16" To 3/4").....	64.97
	For Up To 8, Add	12.99
	For >8 To 16, Add	6.50
	For >48 To 64, Deduct	-4.09
	For >64 To 96, Deduct	-7.34
	For >96, Deduct	-10.59
31 05 16 00-0010	CY #7 Stone Aggregate Fill (3/8" To 1/2").....	66.29
	For Up To 8, Add	13.26
	For >8 To 16, Add	6.63
	For >48 To 64, Deduct	-4.15
	For >64 To 96, Deduct	-7.47
	For >96, Deduct	-10.78
31 05 16 00-0011	CY #78 Stone Aggregate Fill (3/32" To 1/2").....	66.86
	For Up To 8, Add	13.37
	For >8 To 16, Add	6.69
	For >48 To 64, Deduct	-4.18
	For >64 To 96, Deduct	-7.53
	For >96, Deduct	-10.87
31 05 16 00-0012	CY #8 Stone Aggregate Fill (3/32" To 3/8").....	69.78
	For Up To 8, Add	13.96
	For >8 To 16, Add	6.98
	For >48 To 64, Deduct	-4.33
	For >64 To 96, Deduct	-7.82
	For >96, Deduct	-11.31
31 05 16 00-0013	CY #89 Stone Aggregate Fill (1/16" To 3/8").....	70.60
	For Up To 8, Add	14.12
	For >8 To 16, Add	7.06
	For >48 To 64, Deduct	-4.37
	For >64 To 96, Deduct	-7.90
	For >96, Deduct	-11.43
31 05 16 00-0014	CY #9 Stone Aggregate Fill (3/32" To 3/16").....	69.78
	For Up To 8, Add	13.96
	For >8 To 16, Add	6.98
	For >48 To 64, Deduct	-4.33
	For >64 To 96, Deduct	-7.82
	For >96, Deduct	-11.31
31 05 16 00-0015	CY #10 Stone Aggregate Fill (1/16" To 3/16").....	71.46
	For Up To 8, Add	14.29
	For >8 To 16, Add	7.15
	For >48 To 64, Deduct	-4.41
	For >64 To 96, Deduct	-7.99
	For >96, Deduct	-11.56

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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31 05 16 00-0016	CY	#610 Modified Stone Aggregate Fill (1/16" To 3/4")		70.60	
		For Up To 8, Add		14.12	
		For >8 To 16, Add		7.06	
		For >48 To 64, Deduct		-4.37	
		For >64 To 96, Deduct		-7.90	
		For >96, Deduct		-11.43	
31 05 16 00-0017	CY	Screenings Stone Aggregate Fill (3/16" Max)		58.69	
		For Up To 8, Add		11.74	
		For >8 To 16, Add		5.87	
		For >48 To 64, Deduct		-3.77	
		For >64 To 96, Deduct		-6.71	
		For >96, Deduct		-9.64	
31 05 16 00-0018	CY	Over 6" To 12" Stone Aggregate Fill, Random Size		64.07	
		For Up To 8, Add		12.81	
		For >8 To 16, Add		6.41	
		For >48 To 64, Deduct		-4.04	
		For >64 To 96, Deduct		-7.25	
		For >96, Deduct		-10.45	
31 05 16 00-0019	CY	Over 6" To 12" Graded Stone Aggregate Fill		64.07	
		For Up To 8, Add		12.81	
		For >8 To 16, Add		6.41	
		For >48 To 64, Deduct		-4.04	
		For >64 To 96, Deduct		-7.25	
		For >96, Deduct		-10.45	
31 05 16 00-0020	CY	3" To 7" Surge Stone Aggregate Fill, Random Size		69.46	
		For Up To 8, Add		13.89	
		For >8 To 16, Add		6.95	
		For >48 To 64, Deduct		-4.31	
		For >64 To 96, Deduct		-7.79	
		For >96, Deduct		-11.26	
31 05 16 00-0021	CY	3" To 7" Surge Stone Graded Aggregate Fill		73.29	
		For Up To 8, Add		14.66	
		For >8 To 16, Add		7.33	
		For >48 To 64, Deduct		-4.50	
		For >64 To 96, Deduct		-8.17	
		For >96, Deduct		-11.83	
31 05 16 00-0022	CY	Crusher Run Aggregate Fill (2-1/2" Minus)		39.96	
		For Up To 8, Add		7.99	
		For >8 To 16, Add		4.00	
		For >48 To 64, Deduct		-2.84	
		For >64 To 96, Deduct		-4.84	
		For >96, Deduct		-6.83	
31 05 16 00-0023	CY	Crusher Run Aggregate Fill (1-1/2" Minus)		44.18	
		For Up To 8, Add		8.84	
		For >8 To 16, Add		4.42	
		For >48 To 64, Deduct		-3.05	
		For >64 To 96, Deduct		-5.26	
		For >96, Deduct		-7.47	
31 05 16 00-0024	CY	Crusher Run Aggregate Fill (3/4" Minus)		41.44	
		For Up To 8, Add		8.29	
		For >8 To 16, Add		4.14	
		For >48 To 64, Deduct		-2.91	
		For >64 To 96, Deduct		-4.98	
		For >96, Deduct		-7.06	

31 05 36 Equipment Delivery, Pickup, Mobilization and Demobilization⁽³¹⁾

⁰⁵⁾ See CSI section 01 71 13 00-0001 for equipment delivery, pickup, mobilization and demobilization.

31 10 Site Clearing⁽³¹⁾

31 11 Clearing and Grubbing^(31 10)

31 11 00 00-0001 Clear And Grub Roots And Stumps^(31 11)

Note: Tree diameter (diameter at breast height) is the diameter of the tree trunk measured at 4.5' above ground level. Based on tree density (light, medium or heavy) to be removed. Excludes loading. See CSI section 31 13 13 00-0001 for small areas or individual trees removal.

31 11 00 00-0002	ACR	Clear And Grub Light Trees Up To 6" Diameter, Cut And Chip		7,190.39	
		Note: Includes grub and removal of stump			
31 11 00 00-0003	ACR	Clear And Grub Light Stumps Only Up To 6" Diameter		2,220.84	
31 11 00 00-0004	ACR	Clear And Grub Medium Trees Up To 10" Diameter, Cut And Chip		9,587.18	
		Note: Includes grub and removal of stump			
31 11 00 00-0005	ACR	Clear And Grub Medium Stumps Only Up To 10" Diameter		3,701.39	
31 11 00 00-0006	ACR	Clear And Grub Heavy Trees Up To 16" Diameter, Cut And Chip		13,182.37	
		Note: Includes grub and removal of stump			
31 11 00 00-0007	ACR	Clear And Grub Heavy Stumps Only Up To 16" Diameter		5,552.09	
31 11 00 00-0008	ACR	Clear And Grub Heavy Trees Up To 24" Diameter, Cut And Chip		19,174.36	
		Note: Includes grub and removal of stump			
31 11 00 00-0009	ACR	Clear And Grub Heavy Stumps Only Up To 24" Diameter		7,772.93	
31 11 00 00-0010	ACR	Clearing By Machine - Light Brush Without Grub		320.35	
31 11 00 00-0011	ACR	Clearing By Machine - Medium Brush Without Grub		675.86	
31 11 00 00-0012	ACR	Clearing By Machine - Heavy Brush Without Grub		957.89	
31 11 00 00-0013	ACR	Chipping - Light Brush		2,557.04	
31 11 00 00-0014	ACR	Chipping - Medium Brush		3,287.78	
31 11 00 00-0015	ACR	Chipping - Heavy Brush		4,603.32	

31 11 00 00-0016 Loading Of Cleared And Grubbed Material^(31 11)

See CSI section 01 74 19 00-0039 for hauling.

31 Earthwork**31 10 Site Clearing****31 11 Clearing and Grubbing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

31 11 00 00-0017	CY	Machine Loading Of Cleared And Grubbed Material	11.39
31 11 00 00-0018	CY	Chute Loading Of Cleared And Grubbed Material	13.66
31 11 00 00-0019	CY	Hand Loading Of Cleared And Grubbed Material	37.36
31 11 00 00-0020	CY	Wheel And Ramp Loading Of Cleared And Grubbed Material.....	29.35

31 13 Selective Tree and Shrub Removal and Trimming ^(31 10)**31 13 13 Selective Tree and Shrub Removal** ^(31 13)

31 13 13 00-0001		Individual Tree Removal ^(31 13 13) Note: Includes sawing and chipping branches. Tree diameter, D.B.H. (Diameter At Breast Height) is the diameter of the tree trunk measured at 4.5' above ground elevation. Excludes stump removal or grinding.	
31 13 13 00-0002	EA	Up To 6" D.B.H. (Diameter At Breast Height) Tree Removal	599.20
		Note: Includes cutting up tree, chipping and loading.	
31 13 13 00-0003	EA	>6" To 12" D.B.H. (Diameter At Breast Height) Tree Removal	898.80
		Note: Includes cutting up tree, chipping and loading.	
31 13 13 00-0004	EA	>12" To 24" D.B.H. (Diameter At Breast Height) Tree Removal	1,198.39
		Note: Includes cutting up tree, chipping and loading.	
31 13 13 00-0005	EA	>24" To 36" D.B.H. (Diameter At Breast Height) Tree Removal	1,797.59
		Note: Includes cutting up tree, chipping and loading.	
31 13 13 00-0006	EA	>36" To 48" D.B.H. (Diameter At Breast Height) Tree Removal	2,396.79
		Note: Includes cutting up tree, chipping and loading.	
31 13 13 00-0007		Stump Removal ^(31 13 13) Note: Measured by diameter of stump.	
31 13 13 00-0008		Stump Removal By Machine ^(31 13 13 00-0007)	
31 13 13 00-0009	EA	Up To 6" Diameter Stump Removal	111.04
		Note: Includes excavation necessary to remove stump and loading.	
31 13 13 00-0010	EA	>6" To 12" Diameter Stump Removal	212.83
		Note: Includes excavation necessary to remove stump and loading.	
31 13 13 00-0011	EA	>12" To 24" Diameter Stump Removal	277.60
		Note: Includes excavation necessary to remove stump and loading.	
31 13 13 00-0012	EA	>24" To 36" Diameter Stump Removal	416.42
		Note: Includes excavation necessary to remove stump and loading.	
31 13 13 00-0013	EA	>36" To 48" Diameter Stump Removal	490.47
		Note: Includes excavation necessary to remove stump and loading.	
31 13 13 00-0014		Stump Removal By Hand ^(31 13 13 00-0007)	
31 13 13 00-0015	EA	Up To 6" Diameter Stump Removal By Hand	623.47
		Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	
31 13 13 00-0016	EA	>6" To 12" Diameter Stump Removal By Hand	779.34
		Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	
31 13 13 00-0017	EA	>12" To 24" Diameter Stump Removal By Hand	1,143.04
		Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	
31 13 13 00-0018	EA	>24" To 36" Diameter Stump Removal By Hand	1,558.69
		Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	
31 13 13 00-0019	EA	>36" To 48" Diameter Stump Removal By Hand	2,078.26
		Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	
31 13 13 00-0020		Stump Grinding ^(31 13 13) Note: Measured by diameter of stump.	
31 13 13 00-0021		Stump Grinding, 18" Deep Below Surface Of Soil ^(31 13 13 00-0020) Note: Level soil to match existing surface area.	
31 13 13 00-0022	EA	Stump Grinding Up To 6" Tree.....	110.67
		For 24" Depth, Add	22.13
31 13 13 00-0023	EA	Stump Grinding >6" To 12" Tree.....	147.56
		For 24" Depth, Add	29.51
31 13 13 00-0024	EA	Stump Grinding >12" To 15" Tree.....	166.01
		For 24" Depth, Add	33.20
31 13 13 00-0025	EA	Stump Grinding >15" To 18" Tree.....	184.45
		For 24" Depth, Add	36.89
31 13 13 00-0026	EA	Stump Grinding >18" To 21" Tree.....	198.29
		For 24" Depth, Add	39.66
31 13 13 00-0027	EA	Stump Grinding >21" To 24" Tree.....	212.12
		For 24" Depth, Add	42.42
31 13 13 00-0028	EA	Stump Grinding >24" To 27" Tree.....	230.56
		For 24" Depth, Add	46.11
31 13 13 00-0029	EA	Stump Grinding >27" To 30" Tree.....	250.44
		For 24" Depth, Add	50.09
31 13 13 00-0030	EA	Stump Grinding >30" To 33" Tree.....	278.27
		For 24" Depth, Add	55.65
31 13 13 00-0031	EA	Stump Grinding >33" To 36" Tree.....	296.82
		For 24" Depth, Add	59.36
31 13 13 00-0032	EA	Stump Grinding >36" To 42" Tree.....	333.92
		For 24" Depth, Add	66.78
31 13 13 00-0033	EA	Stump Grinding >42" To 48" Tree.....	371.03
		For 24" Depth, Add	74.21

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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31 13 13 00-0034	Shrub Removal <small>(31 13 13)</small>	
31 13 13 00-0035	EA Removal Of 18" To 24" Shrub, Broadleaf Evergreen	45.15
31 13 13 00-0036	EA Removal Of 2' To 3' Shrub, Broadleaf Evergreen	70.80
31 13 13 00-0037	EA Removal Of 3' To 4' Shrub, Broadleaf Evergreen	82.09
31 13 13 00-0038	EA Removal Of 4' To 5' Shrub, Broadleaf Evergreen	123.13
31 13 13 00-0039	EA Removal Of 12" To 15" Shrub, Deciduous	22.57
31 13 13 00-0040	EA Removal Of 18" To 24" Shrub, Deciduous	34.89
31 13 13 00-0041	EA Removal Of 2' To 3' Shrub, Deciduous	45.15
31 13 13 00-0042	EA Removal Of 3' To 4' Shrub, Deciduous	49.25
31 13 13 00-0043	EA Removal Of 18" To 24" Shrub, Evergreen	45.15
31 13 13 00-0044	EA Removal Of 24" To 30" Shrub, Evergreen	49.25
31 13 13 00-0045	EA Removal Of 30" To 36" Shrub, Evergreen	70.80
31 13 13 00-0046	EA Removal Of 36" To 42" Shrub, Evergreen	123.13

31 13 16 Selective Tree and Shrub Trimming (31 13 16)

31 13 16 00-0001	Tree Trimming For Pole Line Construction And Maintenance <small>(31 13 16)</small>	
	Note: Area to be vertical cleared (including overhanging limbs) is minimum 20' wide (10' each side of structure) and 16' above ground. All materials to 6" D.B.H. (Diameter At Breast Height) to be chipped in place. Larger material may be chipped or disposed. Trees greater than 18" diameter use individual tree removal tasks. Quantity based on running foot of power line to be cleared.	
31 13 16 00-0002	LF Tree Trimming, Light Cutting To 6" Diameter For Pole Line Construction	1.92
31 13 16 00-0003	LF Tree Trimming, Medium Cutting >6" To 12" Diameter For Pole Line Construction	2.87
31 13 16 00-0004	LF Tree Trimming, Heavy Cutting >12" To 18" Diameter For Pole Line Construction	3.37

31 20 Earth Moving (31)

Note: Per OSHA -Soil Classification - 1926 Subpart P App A. Light material: Class A site material, normally referred to as "easy digging". Consisting of loose, soft, free running materials. Close lying, which will fill blade, digger or bucket to capacity, and frequently provide a heaped load. Materials such as dry sand, small gravel, unpacked earth, loam, etc., would fall into this category. Medium material: Class B site material, normally referred to as "medium and tough, wet and sticky clay would be examples of this medium digging", consisting of harder materials that are not difficult to dig without assistance such as ripping, blasting, etc. Material break up with some bulkiness causing voids in digger or bucket. Materials such as packed earth, common earth with some clay, soil with less than 25% rock content would be examples of this category. Heavy/wet material: Class C site material, normally referred to as "hard digging", consisting of materials which may require some assistance in breaking up. Bulky and somewhat hard to penetrate materials would be found in this category and voids in dipper or bucket would be common. Materials such as very hard packed soil, with up to 50% to 70% rock content and hard category. Soil conditions will be determined by soil analysis to provide appropriate percentage (%) for the various types of soil conditions. Apply the percentages to the various soil types to generate an appropriate representation of the soil condition.

31 23 Excavation and Fill (31 20)

31 23 16	Excavation <small>(31 23)</small>	
31 23 16 13	Trenching <small>(31 23 16)</small>	
	Note: Use this section for trenching operations even if the total project volume exceeds 500 CY. Use tasks for work by hand only for areas not accessible by machine.	
31 23 16 13-0001	Excavation For Trenching By Machine <small>(31 23 16 13)</small>	
	Note: Includes stockpiling excess materials and trimming sides and bottom of trench.	
31 23 16 13-0002	CY 12" Wide or Less, Excavation for Trenching by Machine in Soil	11.06
	For Excavation In Light Material (Class A), Deduct	-1.38
	For Excavation In Heavy/Wet Material (Class C), Add	4.42
	For Up To 20, Add	8.85
	For >20 To 50, Add	5.53
	For >50 To 250, Add	2.77
	For >500 To 1,000, Deduct	-1.66
	For >1,000, Deduct	-3.32
31 23 16 13-0003	CY Over 12" Wide, Excavation for Trenching by Machine in Soil	7.30
	For Excavation In Light Material (Class A), Deduct	-0.91
	For Excavation In Heavy/Wet Material (Class C), Add	2.92
	For Up To 20, Add	5.84
	For >20 To 50, Add	3.65
	For >50 To 250, Add	1.83
	For >500 To 1,000, Deduct	-1.10
	For >1,000, Deduct	-2.19
31 23 16 13-0004	CY 12" Wide or Less, Excavation for Trenching by Machine in Loose Rock	18.31
	Note: Includes compacted aggregate	
	For Up To 20, Add	14.65
	For >20 To 50, Add	9.16
	For >50 To 250, Add	4.58
	For >500 To 1,000, Deduct	-2.75
	For >1,000, Deduct	-5.49
31 23 16 13-0005	CY Over 12" Wide, Excavation for Trenching by Machine in Loose Rock	12.96
	Note: Includes compacted aggregate	
	For Up To 20, Add	10.37
	For >20 To 50, Add	6.48
	For >50 To 250, Add	3.24
	For >500 To 1,000, Deduct	-1.94
	For >1,000, Deduct	-3.89
31 23 16 13-0006	Direct Burial (Plowed-in) Cable Or Piping By Machine <small>(31 23 16 13)</small>	
	Note: Includes trench, backfill, compaction and restoration of final grade.	
31 23 16 13-0007	LF Direct Burial of Cable or Piping up to 12" Deep	2.49
31 23 16 13-0008	LF Direct Burial of Cable or Piping >12" To 24" Deep	2.75
31 23 16 13-0009	LF Direct Burial of Cable or Piping >24" To 36" Deep	3.91

31 Earthwork**31 20 Earth Moving****31 23 Excavation and Fill**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 13-0010	LF		Direct Burial of Cable or Piping >36" to 48" Deep.....	4.41	
31 23 16 13-0011			Excavation For Trenching By Hand ^(31 23 16 13)		
31 23 16 13-0012	CY		Excavation For Trenching By Hand In Soil	123.28	
			Note: Includes stockpiling excess materials and trimming sides and bottom of trench.		
31 23 16 13-0013	CY		Excavation For Trenching By Hand In Loose Rock Or Compacted Aggregate.....	211.47	
			Note: Includes stockpiling excess materials and trimming sides and bottom of trench.		
31 23 16 13-0014			Backfilling Or Placing Subbase For Trenches ^(31 23 16 13)		
			Note: With imported or stockpiled materials.		
31 23 16 13-0015	CY		Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Machine.....	4.02	
			For Up To 20, Add	3.22	
			For >20 To 50, Add	2.01	
			For >50 To 250, Add	1.01	
			For >500 To 1,000, Deduct	-0.60	
			For >1,000, Deduct	-1.21	
31 23 16 13-0016	CY		Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Hand.....	34.25	
31 23 16 13-0017			Compaction Of Fill Or Subbase For Trenches ^(31 23 16 13)		
			Note: Includes restoration of final grade.		
31 23 16 13-0018	CY		Compaction of Fill or Subbase for Trenches by Vibratory Plate, Air Tamper, Etcetera.....	7.17	
			For Up To 20, Add	5.74	
			For >20 To 50, Add	3.59	
			For >50 To 250, Add	1.79	
			For >500 To 1,000, Deduct	-1.08	
			For >1,000, Deduct	-2.15	
31 23 16 13-0019	CY		Compaction of Fill or Subbase for Trenches by Hand	38.63	
31 23 16 13-0020			Loading Excess Material For Removal From Excavation For Trenches ^(31 23 16 13)		
			Note: Includes hand work by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stock-piling. See CSI section 01 74 19 00-0039 for hauling.		
31 23 16 13-0021	CY		Load Excess Material by Machine for Removal from Excavation for Trenching	7.00	
			For Up To 20, Add	5.60	
			For >20 To 50, Add	3.50	
			For >50 To 250, Add	1.75	
			For >500 To 1,000, Deduct	-1.05	
			For >1,000, Deduct	-2.10	
31 23 16 13-0022	CY		Load Excess Material by Hand for Removal from Excavation for Trenching	90.40	
31 23 16 13-0023			Spread Excess Or Imported Material For Trenches ^(31 23 16 13)		
			Note: Includes hand work by laborer for clean-up.		
31 23 16 13-0024	CY		Spread Excess Or Imported Material On Site With Machine	3.33	
			For Up To 20, Add	2.66	
			For >20 To 50, Add	1.67	
			For >50 To 250, Add	0.83	
			For >500 To 1,000, Deduct	-0.50	
			For >1,000, Deduct	-1.00	
31 23 16 13-0025			Utility Chain Trencher ^(31 23 16 13)		
31 23 16 13-0026			Utility Trench, Chain Trencher ^(31 23 16 13-0025)		
			Note: Earth left adjacent to trench.		
31 23 16 13-0027	LF		4" Wide, 12" Deep Trench, Medium Soil, Chain Trencher	1.34	
			For >100 To 250, Deduct	-0.09	
			For >250 To 500, Deduct	-0.20	
			For >500, Deduct	-0.40	
31 23 16 13-0028	LF		4" Wide, 18" Deep Trench, Medium Soil, Chain Trencher	1.47	
			For >100 To 250, Deduct	-0.10	
			For >250 To 500, Deduct	-0.22	
			For >500, Deduct	-0.44	
31 23 16 13-0029	LF		4" Wide, 24" Deep Trench, Medium Soil, Chain Trencher	1.53	
			For >100 To 250, Deduct	-0.11	
			For >250 To 500, Deduct	-0.23	
			For >500, Deduct	-0.46	
31 23 16 13-0030	LF		6" Wide, 12" Deep Trench, Medium Soil, Chain Trencher	1.62	
			For >100 To 250, Deduct	-0.11	
			For >250 To 500, Deduct	-0.24	
			For >500, Deduct	-0.49	
31 23 16 13-0031	LF		6" Wide, 18" Deep Trench, Medium Soil, Chain Trencher	1.77	
			For >100 To 250, Deduct	-0.12	
			For >250 To 500, Deduct	-0.27	
			For >500, Deduct	-0.53	
31 23 16 13-0032	LF		6" Wide, 24" Deep Trench, Medium Soil, Chain Trencher	2.03	
			For >100 To 250, Deduct	-0.14	
			For >250 To 500, Deduct	-0.30	
			For >500, Deduct	-0.61	
31 23 16 13-0033	LF		6" Wide, 36" Deep Trench, Medium Soil, Chain Trencher	2.43	
			For >100 To 250, Deduct	-0.17	
			For >250 To 500, Deduct	-0.36	
			For >500, Deduct	-0.73	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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31 23 16 13-0034	LF		8" Wide, 12" Deep Trench, Medium Soil, Chain Trencher	2.29	
			<i>For >100 To 250, Deduct</i>	-0.16	
			<i>For >250 To 500, Deduct</i>	-0.34	
			<i>For >500, Deduct</i>	-0.69	
31 23 16 13-0035	LF		8" Wide, 18" Deep Trench, Medium Soil, Chain Trencher	2.70	
			<i>For >100 To 250, Deduct</i>	-0.19	
			<i>For >250 To 500, Deduct</i>	-0.41	
			<i>For >500, Deduct</i>	-0.81	
31 23 16 13-0036	LF		8" Wide, 24" Deep Trench, Medium Soil, Chain Trencher	3.06	
			<i>For >100 To 250, Deduct</i>	-0.21	
			<i>For >250 To 500, Deduct</i>	-0.46	
			<i>For >500, Deduct</i>	-0.92	
31 23 16 13-0037	LF		8" Wide, 36" Deep Trench, Medium Soil, Chain Trencher	3.63	
			<i>For >100 To 250, Deduct</i>	-0.25	
			<i>For >250 To 500, Deduct</i>	-0.54	
			<i>For >500, Deduct</i>	-1.09	

31 23 16 13-0038 Backfill Trenches With Compaction (31 23 16 13-0025)

31 23 16 13-0039	LF		Backfill 4" Wide, 12" Deep Trench, With Compaction	0.21	
			<i>For >100 To 250, Deduct</i>	-0.01	
			<i>For >250 To 500, Deduct</i>	-0.03	
			<i>For >500, Deduct</i>	-0.06	
31 23 16 13-0040	LF		Backfill 4" Wide, 18" Deep Trench, With Compaction	0.33	
			<i>For >100 To 250, Deduct</i>	-0.02	
			<i>For >250 To 500, Deduct</i>	-0.05	
			<i>For >500, Deduct</i>	-0.10	
31 23 16 13-0041	LF		Backfill 4" Wide, 24" Deep Trench, With Compaction	0.44	
			<i>For >100 To 250, Deduct</i>	-0.03	
			<i>For >250 To 500, Deduct</i>	-0.07	
			<i>For >500, Deduct</i>	-0.13	
31 23 16 13-0042	LF		Backfill 6" Wide, 12" Deep Trench, With Compaction	0.33	
			<i>For >100 To 250, Deduct</i>	-0.02	
			<i>For >250 To 500, Deduct</i>	-0.05	
			<i>For >500, Deduct</i>	-0.10	
31 23 16 13-0043	LF		Backfill 6" Wide, 18" Deep Trench, With Compaction	0.44	
			<i>For >100 To 250, Deduct</i>	-0.03	
			<i>For >250 To 500, Deduct</i>	-0.07	
			<i>For >500, Deduct</i>	-0.13	
31 23 16 13-0044	LF		Backfill 6" Wide, 24" Deep Trench, With Compaction	0.66	
			<i>For >100 To 250, Deduct</i>	-0.05	
			<i>For >250 To 500, Deduct</i>	-0.10	
			<i>For >500, Deduct</i>	-0.20	
31 23 16 13-0045	LF		Backfill 6" Wide, 36" Deep Trench, With Compaction	0.94	
			<i>For >100 To 250, Deduct</i>	-0.07	
			<i>For >250 To 500, Deduct</i>	-0.14	
			<i>For >500, Deduct</i>	-0.28	
31 23 16 13-0046	LF		Backfill 8" Wide, 12" Deep Trench, With Compaction	0.44	
			<i>For >100 To 250, Deduct</i>	-0.03	
			<i>For >250 To 500, Deduct</i>	-0.07	
			<i>For >500, Deduct</i>	-0.13	
31 23 16 13-0047	LF		Backfill 8" Wide, 18" Deep Trench, With Compaction	0.66	
			<i>For >100 To 250, Deduct</i>	-0.05	
			<i>For >250 To 500, Deduct</i>	-0.10	
			<i>For >500, Deduct</i>	-0.20	
31 23 16 13-0048	LF		Backfill 8" Wide, 24" Deep Trench, With Compaction	0.87	
			<i>For >100 To 250, Deduct</i>	-0.06	
			<i>For >250 To 500, Deduct</i>	-0.13	
			<i>For >500, Deduct</i>	-0.26	
31 23 16 13-0049	LF		Backfill 8" Wide, 36" Deep Trench, With Compaction	1.32	
			<i>For >100 To 250, Deduct</i>	-0.09	
			<i>For >250 To 500, Deduct</i>	-0.20	
			<i>For >500, Deduct</i>	-0.40	

31 23 16 26 Rock Removal (31 23 16)

31 23 16 26-0001			Rock Breaking By Machine <small>(31 23 16 26)</small>		
			Note: Excludes excavation of broken-up rock.		
31 23 16 26-0002	CY		Rock Breaking By Machine, Soft Sedimentary Rocks (Shale, Sandstone, Limestone)	29.13	
31 23 16 26-0003	CY		Rock Breaking By Machine, Medium Metamorphic Rock (Slate)	31.07	
31 23 16 26-0004	CY		Rock Breaking By Machine, Hard Igneous Rock (Granite, Basalt)	36.90	

31 23 16 33 Bulk Excavation (31 23 16)

Note: For excavations where the total quantity for a project is greater than 500 cubic yards. See CSI section 31 05 16 00-0000 for imported material, 31 23 16 36-0000 for For less than 500 CY excavation.

31 23 16 33-0001			Excavation <small>(31 23 16 33)</small>		
			Note: For bulk excavation. Includes stockpiling excavated materials within 100' of point of excavation.		
31 23 16 33-0002	CY		Bulk Excavation by Dozer in Soil	10.42	
			<i>For Excavation In Light Material (Class A), Deduct</i>	-1.30	
			<i>For Excavation In Heavy/Wet Material (Class C), Add</i>	4.17	
			<i>For >1,000, Deduct</i>	-1.56	
31 23 16 33-0003	CY		Bulk Excavation by Hydraulic Excavator, Front End Loader, Backhoe in Soil	5.88	
			<i>For Excavation In Light Material (Class A), Deduct</i>	-0.74	
			<i>For Excavation In Heavy/Wet Material (Class C), Add</i>	2.35	
			<i>For >1,000, Deduct</i>	-0.88	

31 Earthwork**31 20 Earth Moving****31 23 Excavation and Fill**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
31 23 16 33-0004	CY	Bulk Excavation by Dozer in Loose Rock	12.83		
		Note: Includes compacted aggregate			
		For >1,000, Deduct	-1.92		
31 23 16 33-0005	CY	Bulk Excavation by Hydraulic Excavator, Front End Loader, Backhoe in Loose Rock	7.25		
		Note: Includes compacted aggregate			
		For >1,000, Deduct	-1.09		
31 23 16 33-0006		Spreading, Shaping And Rough Grading (31 23 16 33)			
		Note: Imported or stockpiled material for bulk excavation.			
31 23 16 33-0007	CY	Spreading, Shaping, and Rough Grading Imported or Stockpiled Material for Bulk Excavation by Machine	6.43		
		For >1,000, Deduct	-0.96		
31 23 16 33-0008		Cutting, Shaping and Rough Grading Of Existing Elevations (31 23 16 33)			
		Note: For bulk excavation.			
31 23 16 33-0009	CY	Cutting, Shaping and Rough Grading Existing Elevations For Bulk Excavation by Machine	7.15		
		For >1,000, Deduct	-1.07		
31 23 16 33-0010		Relocating On Site Excavated Material From Excavation (31 23 16 33)			
		Note: For bulk excavation.			
31 23 16 33-0011	CY	Relocating On Site Excavated Material From Bulk Excavation >100' to 300'	5.73		
		For >1,000, Deduct	-0.86		
31 23 16 33-0012	CY	Relocating On Site Excavated Material From Bulk Excavation >300' to 500'	8.58		
		For >1,000, Deduct	-1.29		
31 23 16 33-0013	CY	Relocating On Site Excavated Material From Bulk Excavation >500' To 1,000'	12.87		
		For >1,000, Deduct	-1.93		
31 23 16 33-0014	CY	Relocating On Site Excavated Material From Bulk Excavation >1,000'	17.17		
		For >1,000, Deduct	-2.58		
31 23 16 33-0015		Finish Grading (31 23 16 33)			
		Note: For bulk excavation.			
31 23 16 33-0016	SY	Finish Grading for Bulk Excavation by Machine	0.72		
31 23 16 33-0017		Compaction Of Fill Or Subbase, Per Lift (31 23 16 33)			
		Note: For bulk excavation. See CSI section 31 23 23 23-0001 for compaction water.			
31 23 16 33-0018	SY	Compaction of Fill or Subbase for Bulk Excavation by Machine	0.71		
		Note: Per Lift			
31 23 16 33-0019		Loading Excess Material For Removal From Excavation (31 23 16 33)			
		Note: For bulk excavation. Includes hand work by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stock-piling. See CSI section 01 74 19 00-0039 for hauling.			
31 23 16 33-0020	CY	Loading Excess Material For Removal From Bulk Excavation	5.98		
		For >1,000, Deduct	-0.90		
31 23 16 36		Excavation for Building Foundations and Other Structures (31 23 16)			
		Note: Use of a Bobcat is limited to access restricted areas and by owner's approval. See CSI section 31 05 16 00-0000 for imported material, 31 23 16 33-0000 for bulk excavation operations over 500 CY.			
31 23 16 36-0001		Excavation (31 23 16 36)			
		Note: For building foundations and other structures by machine. Includes stockpiling of excess materials on ground in reach of excavated area.			
31 23 16 36-0002		Excavation For Building Foundations And Other Structures By Skid-Steer Loader (31 23 16 36-0001)			
31 23 16 36-0003	CY	Excavation For Building Foundations And Other Structures By Skid-Steer Loader In Soil	9.31		
		For Excavation In Light Material (Class A), Deduct	-1.16		
		For Excavation In Heavy/Wet Material (Class C), Add	3.72		
		For Up To 20, Add	9.31		
		For >20 To 50, Add	6.98		
		For >50 To 250, Add	3.72		
		For >250 To 500, Add	1.40		
31 23 16 36-0004	CY	Excavation For Building Foundations And Other Structures By Skid-Steer Loader In Loose Rock	11.58		
		Note: Includes compacted aggregate			
		For Up To 20, Add	11.58		
		For >20 To 50, Add	8.69		
		For >50 To 250, Add	4.63		
		For >250 To 500, Add	1.74		
31 23 16 36-0005		Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader (31 23 16 36-0001)			
31 23 16 36-0006	CY	Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader In Soil	7.07		
		For Excavation In Light Material (Class A), Deduct	-0.88		
		For Excavation In Heavy/Wet Material (Class C), Add	2.83		
		For Up To 20, Add	7.07		
		For >20 To 50, Add	5.30		
		For >50 To 250, Add	2.83		
		For >250 To 500, Add	1.06		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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31 23 16 36-0007	CY		Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader in Loose Rock 8.41 Note: Includes compacted aggregate For Up To 20, Add 8.41 For >20 To 50, Add 6.31 For >50 To 250, Add 3.36 For >250 To 500, Add 1.26		
31 23 16 36-0008			Excavation For Building Foundations And Other Structures By Hand <small>(31 23 16 36-0001)</small> Note: For areas not accessible by machine and only with owner's approval.		
31 23 16 36-0009	CY		Excavation For Building Foundations And Other Structures By Hand in Soil 123.28 For Excavation In Light Material (Class A), Deduct -15.41 For Excavation In Heavy/Wet Material (Class C), Add 49.31		
31 23 16 36-0010	CY		Excavation For Building Foundations And Other Structures By Hand in Loose Rock 211.47 Note: Includes compacted aggregate		
31 23 16 36-0011			Relocating On Site Excavated Stockpiled Material From Excavation <small>(31 23 16 36)</small> Note: For building foundations and other structures.		
31 23 16 36-0012	CY		Relocating On Site Excavated Stockpiled Material With Dozer From Excavation For Building Foundations and Other Structures >100' to 300' 5.73 For Up To 20, Add 5.73 For >20 To 50, Add 4.30 For >50 To 250, Add 2.29 For >250 To 500, Add 0.86		
31 23 16 36-0013	CY		Relocating On Site Excavated Stockpiled Material With Dozer From Excavation For Building Foundations and Other Structures >300' to 500' 8.58 For Up To 20, Add 8.58 For >20 To 50, Add 6.44 For >50 To 250, Add 3.43 For >250 To 500, Add 1.29		
31 23 16 36-0014	CY		Relocating On Site Excavated Stockpiled Material With Dozer From Excavation For Building Foundations and Other Structures >500' to 1,000' 12.87 For Up To 20, Add 12.87 For >20 To 50, Add 9.65 For >50 To 250, Add 5.15 For >250 To 500, Add 1.93		
31 23 16 36-0015	CY		Relocating On Site Excavated Stockpiled Material With Dozer From Excavation For Building Foundations and Other Structures >1,000' 17.17 For Up To 20, Add 17.17 For >20 To 50, Add 12.88 For >50 To 250, Add 6.87 For >250 To 500, Add 2.58		
31 23 16 36-0016			Backfilling <small>(31 23 16 36)</small> Note: For building foundations and other structures with imported or stockpiled materials. Includes rough grading.		
31 23 16 36-0017	CY		Backfilling Around Building Foundations And Other Structures By Skid-Steer Loader 4.59 For Up To 20, Add 4.59 For >20 To 50, Add 3.44 For >50 To 250, Add 1.84 For >250 To 500, Add 0.69		
31 23 16 36-0018	CY		Backfilling Around Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader 5.47 For Up To 20, Add 5.47 For >20 To 50, Add 4.10 For >50 To 250, Add 2.19 For >250 To 500, Add 0.82		
31 23 16 36-0019	CY		Backfilling Around Building Foundations And Other Structures By Hand 58.71		
31 23 16 36-0020			Compaction Of Fill Or Subbase <small>(31 23 16 36)</small> Note: For building foundations and other structures. See CSI section 31 23 23 23-0001 for compaction water.		
31 23 16 36-0021	CY		Compaction Of Fill Or Subbase For Building Foundations and Other Structures by Vibratory Plate, Air Tamper, Etcetera 11.36 For Up To 20, Add 11.36 For >20 To 50, Add 8.52 For >50 To 250, Add 4.54 For >250 To 500, Add 1.70		
31 23 16 36-0022	CY		Compaction Of Fill Or Subbase For Building Foundations and Other Structures by Hand 38.62		
31 23 16 36-0023			Grading <small>(31 23 16 36)</small> Note: For building foundations and other structures.		
31 23 16 36-0024	SY		Rough Grading For Building Foundations And Other Structures by Machine 1.23		
31 23 16 36-0025	SY		Finish Grading For Building Foundations And Other Structures by Machine 1.99		
31 23 16 36-0026	SY		Finish Grading For Building Foundations And Other Structures by Hand 11.41		
31 23 16 36-0027			Loading Excess Material For Removal From Excavation <small>(31 23 16 36)</small> Note: For building foundations and other structures. Includes hand work by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stock-piling. See CSI section 01 74 19 00-0039 for hauling.		
31 23 16 36-0028	CY		Load Excess Material For Removal From Excavation For Building Foundations and Other Structures by Machine 6.22 For Up To 20, Add 6.22 For >20 To 50, Add 4.67 For >50 To 250, Add 2.49 For >250 To 500, Add 0.93		
31 23 16 36-0029	CY		Load Excess Material For Removal From Excavation For Building Foundations and Other Structures by Hand 90.40		

31 Earthwork**31 20 Earth Moving****31 23 Excavation and Fill**
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31 23 16 36-0030	Spread Material <small>(31 23 16 36)</small>	
	Note: For building foundations and other structures.	
31 23 16 36-0031	CY Spread Excess Or Imported Material On Site By Machine	3.33
	For Up To 20, Add	3.33
	For >20 To 50, Add	2.50
	For >50 To 250, Add	1.33
	For >250 To 500, Add	0.50
31 23 16 36-0032	CY Spread Excess Or Imported Material On Site By Hand	49.88

31 23 19 Dewatering (31 23)

31 23 19 00-0001	Well Point Dewatering System <small>(31 23 19)</small>	
31 23 19 00-0002	Delivery, Installation And Removal Cost <small>(31 23 19 00-0001)</small>	
	Note: Priced by linear foot of header used.	
31 23 19 00-0003	LF Up To 100' In Length Well Point System Delivery, Installation And Removal	128.26
31 23 19 00-0004	LF >100' To 250' In Length Well Point System Delivery, Installation And Removal	70.54
31 23 19 00-0005	LF >250' To 500' In Length Well Point System Delivery, Installation And Removal	64.13
31 23 19 00-0006	LF >250' To 500' In Length Well Point System Delivery, Installation And Removal	57.72
31 23 19 00-0007	LF >500' To 1,000' In Length Well Point System Delivery, Installation And Removal	51.31
31 23 19 00-0008	LF >1,000' In Length Well Point System Delivery, Installation And Removal	44.90

31 23 19 00-0009 Well Point Dewatering System Rental (31 23 19 00-0001)

Note: Includes all necessary equipment for a well point system (well point with risers, pump, valves, header pipe, discharge pipe, etc.). Use normal adjustment factor only for rental tasks and modifiers. Unit of measure and modifier quantities are based on linear feet of header per day (ex. 200 ft of header for four days - quantity should be 200x4 or 800 ft). Rental days include weekends, when appropriate, regardless if the system is operational during that time. Use weekly modifier for system use of five days to less than a month. Use monthly modifier for system use of one month or greater. See CSI section 31 23 19 00-0002 for installation, 31 23 19 00-0015 for operational costs.

31 23 19 00-0010	LFD Up To 100' In Length Well Point System Rental (LF x Days = Quantity)	3.82
	For >5 Days And <1 Month, Deduct	-0.84
	For >1 Month, Deduct	-1.07
31 23 19 00-0011	LFD >100' To 250' In Length Well Point System Rental (LF x Days = Quantity)	2.23
	For >5 Days And <1 Month, Deduct	-0.49
	For >1 Month, Deduct	-0.62
31 23 19 00-0012	LFD >250' To 500' In Length Well Point System Rental (LF x Days = Quantity)	1.59
	For >5 Days And <1 Month, Deduct	-0.35
	For >1 Month, Deduct	-0.45
31 23 19 00-0013	LFD >500' To 1,000' In Length Well Point System Rental (LF x Days = Quantity)	1.17
	For >5 Days And <1 Month, Deduct	-0.26
	For >1 Month, Deduct	-0.33
31 23 19 00-0014	LFD >1,000' In Length Well Point System Rental (LF x Days = Quantity)	1.06
	For >5 Days And <1 Month, Deduct	-0.23
	For >1 Month, Deduct	-0.30

31 23 19 00-0015 Well Point Dewatering System Operation Costs (31 23 19 00-0001)

Note: The quantity for operation shall be the total number of hours the well point system is operational.

31 23 19 00-0016	HR Operation Costs	117.59
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31 23 23 Fill (31 23)**31 23 23 23 Compaction** (31 23 23)

31 23 23 23-0001	Compaction Water, Water Truck And Operator <small>(31 23 23 23)</small>	
31 23 23 23-0002	MGL Compaction Water, Water Truck And Operator	270.94
	Note: Use this task in situations where earth fill, base material, etc. requires additional moisture to comply with the compaction specification. Includes delivery up to 15 miles. (Per each 1,000 gallons of water)	

31 23 23 33 Flowable Fill (31 23 23)

31 23 23 33-0001	Flowable Fill (Fly Ash) Cement Backfill For Trenches <small>(31 23 23 33)</small>	
	Note: Includes compaction and restoration of final grade.	
31 23 23 33-0002	CY Flowable Fill (Fly Ash) Cement Backfill for Trenches	133.33
	For Up To 20, Add	54.61
	For >20 To 50, Add	35.44
	For >50 To 250, Add	17.72
	For >500 To 1,000, Deduct	-9.59
	For >1,000, Deduct	-19.18

31 24 Embankments (31 20)**31 24 13 Roadway Embankments** (31 24)

31 24 13 00-0001	Roadway, Parking Areas, Landscaping And Embankment Excavation And Shaping Operations <small>(31 24 13)</small>	
	Note: Use this section for excavation and shaping operations even if the total quantity for the project exceeds 500 CY. See CSI section 31 05 16 00-0000 for imported material, 32 12 16 00-0000 for asphalt paving, 32 13 13 00-0000 for concrete paving.	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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31 24 13 00-0002			Cutting, Shaping And Rough Grading (31 24 13 00-0001) Note: For roadways, parking areas, landscaping, and embankments. Includes loading or stockpiling excess materials within 300' of initial cut.		
31 24 13 00-0003			Cutting, Shaping, And Rough Grading (31 24 13 00-0002)		
31 24 13 00-0004	CY		Cut, Shape, and Rough Grading for Roadways, Parking Areas, Landscaping and Embankments by Machine in Soil	7.15	
			For Up To 20, Add	7.15	
			For >20 To 50, Add	5.36	
			For >50 To 250, Add	2.86	
			For >250 To 500, Add	1.07	
			For >1,000, Deduct	-1.07	
31 24 13 00-0005	CY		Cut, Shape, and Rough Grading for Roadways, Parking Areas, Landscaping and Embankments by Machine in Loose Rock..... Note: Includes compacted aggregate	8.87	
			For Up To 20, Add	8.87	
			For >20 To 50, Add	6.65	
			For >50 To 250, Add	3.55	
			For >250 To 500, Add	1.33	
			For >1,000, Deduct	-1.33	
31 24 13 00-0006			Cutting, Shaping, And Rough Grading By Hand (31 24 13 00-0002)		
31 24 13 00-0007	SY		Shape Embankment/Slope By Hand Up To 1 On 4 Slope	6.32	
31 24 13 00-0008	SY		Shape Embankment/Slope By Hand Greater Than 1 On 4 Slope	8.22	
31 24 13 00-0009			Scarify Soil (31 24 13 00-0001) Note: For roadways, parking areas, landscaping and embankments by machine.		
31 24 13 00-0010	CSF		Scarify Soil For Roadways, Parking Areas, Landscaping And Embankments By Machine	6.62	
			For Up To 20, Add	3.31	
			For >20 To 50, Add	1.66	
			For >250 To 500, Deduct	-0.66	
			For >500, Deduct	-1.32	
31 24 13 00-0011			Relocating On Site Excavated Material (31 24 13 00-0001)		
31 24 13 00-0012	CY		>500' To 1,000', Relocating On Site Excavated Material For Roadways, Parking Areas, Landscaping And Embankments By Machine	12.87	
			For Up To 20, Add	12.87	
			For >20 To 50, Add	9.65	
			For >50 To 250, Add	5.15	
			For >250 To 500, Add	1.93	
			For >1,000, Deduct	-1.93	
31 24 13 00-0013	CY		>1,000', Relocating On Site Excavated Material For Roadways, Parking Areas, Landscaping And Embankments By Machine	17.17	
			For Up To 20, Add	17.17	
			For >20 To 50, Add	12.88	
			For >50 To 250, Add	6.87	
			For >250 To 500, Add	2.58	
			For >1,000, Deduct	-2.58	
31 24 13 00-0014			Spread And Shape Imported Or Stockpiled Material (31 24 13 00-0001) Note: For roadways, parking areas, landscaping and embankments. See CSI section 31 23 16 36-0032 for spreading material by hand.		
31 24 13 00-0015	CY		Spread And Shape Imported Or Stockpiled Material For Roadways, Parking Areas, Landscaping and Embankments By Machine	7.87	
			For Up To 20, Add	7.87	
			For >20 To 50, Add	5.90	
			For >50 To 250, Add	3.15	
			For >250 To 500, Add	1.18	
			For >1,000, Deduct	-1.18	
31 24 13 00-0016			Grading (31 24 13 00-0001) Note: For roadways, parking areas, landscaping and embankments by machine.		
31 24 13 00-0017	SY		Rough Grade Roadway, Parking Areas, Landscaping And Embankments By Machine.....	0.79	
31 24 13 00-0018	SY		Finish Grade Roadway, Parking Areas, Landscaping And Embankments By Machine.....	1.05	
31 24 13 00-0019	LF		Finish Grade For Curb	1.18	
31 24 13 00-0020	LF		Finish Grade For Curb And Gutter.....	1.44	
31 24 13 00-0021			Compaction Of Fill Or Subbase (31 24 13 00-0001) Note: For roadways, parking areas, landscaping and embankments by machine, per lift.		
31 24 13 00-0022	SY		Compaction Of Fill Or Subbase For Roadways, Parking Areas, Landscaping And Embankments By Machine Per Lift.....	0.71	
			For Up To 250, Add	0.71	
			For >250 To 500, Add	0.53	
			For >500 To 1,000, Add	0.28	
			For >5,000, Deduct	-0.11	
31 24 13 00-0023			Loading Excess Material For Removal From Excavation (31 24 13 00-0001) Note: For roadways, parking areas, landscaping and embankments by machine. Includes hand work by laborer for clean-up.		

31	31 Earthwork
	31 20 Earth Moving
	31 24 Embankments



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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31 24	13 00-0024	CY	Load Excess Material For Removal For Roadways, Parking Areas, Landscaping and Embankments by Machine	5.98	
			<i>For Up To 20, Add</i>	5.98	
			<i>For >20 To 50, Add</i>	4.49	
			<i>For >50 To 250, Add</i>	2.39	
			<i>For >250 To 500, Add</i>	0.90	
			<i>For >1,000, Deduct</i>	-0.90	

31 25 Erosion and Sedimentation Controls (31 25)

31 25 14 Stabilization Measures for Erosion and Sedimentation Control (31 25)

31 25 14 13 Hydraulically-Applied Erosion Control (31 25 14)

31 25 14	13-0001		Bonded Fiber Matrix <small>(31 25 14 13)</small>		
31 25 14	13-0002	MSF	Up To 25,000 SF Bonded Fiber Matrix, Hydraulically Applied	59.78	
31 25 14	13-0003	MSF	>25,000 To 50,000 SF Bonded Fiber Matrix, Hydraulically Applied	54.94	
31 25 14	13-0004	MSF	>50,000 To 100,000 SF Bonded Fiber Matrix, Hydraulically Applied	50.84	
31 25 14	13-0005	MSF	>100,000 Bonded Fiber Matrix, Hydraulically Applied	48.50	

31 25 14 16 Rolled Erosion Control Mats and Blankets (31 25 14)

Note: Includes all staples and stakes for erosion control blankets and turf reinforcement mats.

31 25 14	16-0001		Erosion Control Blankets And Turf Reinforcement Mats <small>(31 25 14 16)</small>		
31 25 14	16-0002		Erosion Control Blankets, Short Term, Light Duty <small>(31 25 14 16-0001)</small>		
31 25 14	16-0003	SY	S75 Single Net Erosion Control Blanket	3.01	
			Note: Straw matrix with degradable thread to a single standard photodegradable polypropylene netting as manufactured by North American Green.		
31 25 14	16-0004	SY	S75BN Single Net Erosion Control Blanket	3.91	
			Note: Straw Matrix with Biodegradable Thread to a Single Natural Fiber Netting as manufactured by North American Green.		
31 25 14	16-0005	SY	Curlex 1, Single Net Erosion Control Blanket	2.85	
			Note: As manufactured by American Excelsior		
31 25 14	16-0006	SY	Curlex 1, Single Net Erosion Control Blanket	3.01	
			Note: As manufactured by American Green.		
31 25 14	16-0007	SY	Futerra Erosion Control Blanket, Wood Fibers With Biodegradable Netting	2.66	
31 25 14	16-0008		Erosion Control Blankets, Intermediate Duration <small>(31 25 14 16-0001)</small>		
31 25 14	16-0009	SY	S150 Double Net Erosion Control Blanket	3.90	
			Note: Straw matrix with degradable thread to a double standard photodegradable polypropylene netting as manufactured by North American Green.		
31 25 14	16-0010	SY	S150 BN Double Net Erosion Control Blanket	5.31	
			Note: Straw matrix with biodegradable thread to a double natural fiber netting as manufactured by North American Green.		
31 25 14	16-0011	SY	Curlex II, Double Net Erosion Control Blanket, Natural	3.23	
			Note: As manufactured by American Excelsior.		
31 25 14	16-0012	SY	Curlex II, Double Net Erosion Control Blanket, Green	3.39	
			Note: As manufactured by American Excelsior.		
31 25 14	16-0013	SY	Enforcer Double Net Erosion Control Blanket	3.62	
			Note: As manufactured by American Excelsior.		
31 25 14	16-0014		Turf Reinforcement Mats (TRM) <small>(31 25 14 16-0001)</small>		
			Note: Permanent, UV stabilized.		
31 25 14	16-0015	SY	P300 Permanent Polypropylene Turf Reinforcement Mat	13.84	
			Note: 100% synthetic, UV stabilized, two layer netting.		
31 25 14	16-0016	SY	C350 Permanent Turf Reinforcement Mat	12.71	
			Note: 100% synthetic, UV stabilized netting incorporating natural coconut fibers as manufactured by North American Green.		
31 25 14	16-0017	SY	Recyclex TRM, Permanent Turf Reinforcement Mat	16.21	
			Note: As manufactured by American Excelsior, 100% recycled		
31 25 14	16-0018		Jute Mesh Erosion Control Blankets <small>(31 25 14 16-0001)</small>		
31 25 14	16-0019	SY	Jute Mesh, Open Uniform Weave	4.29	
31 25 14	16-0020		Revegetation Mat <small>(31 25 14 16-0001)</small>		
31 25 14	16-0021	SY	3-Dimensional Webbed Revegetation Mat, Polyolefin Fiber	10.92	
			Note: Polyolefin fibers oriented and mechanically bonded between two nets. Landlok TRM 450 or equal.		
31 25 14	16-0022	SY	Webbed Revegetation Mat, Polypropylene Fiber	15.65	
			Note: Polypropylene fibers positioned between two high strength biaxially oriented nets and mechanically held together by parallel stitching with polypropylene thread. Landlok TRM 1060 or equal.		
31 25 14 23			Stabilization Measures for Erosion Control <small>(31 25 14)</small>		
			See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.		
31 25 14 23-0001			Floating Turbidity Curtain <small>(31 25 14 23)</small>		
			Note: Type 2 DOT fabric - 18 oz. nominal laminated vinyl/polyester. EPS flotation, 6 in. x 6 in., 13.5 lb./ft. buoyancy in fresh water and 14.4 lb./ft buoyancy in saltwater.		
31 25 14 23-0002	LF		3' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	26.80	
			<i>For Type 1, Deduct</i>	-4.23	
			<i>For 13 Oz PVC Fabric, Type 2, Deduct</i>	-2.58	
			<i>For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add</i>	3.13	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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31 25 14 23-0003	LF	4' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....		29.06	
		For Type 1, Deduct		-4.66	
		For 13 Oz PVC Fabric, Type 2, Deduct		-2.84	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add		3.44	
31 25 14 23-0004	LF	5' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....		32.21	
		For Type 1, Deduct		-5.28	
		For 13 Oz PVC Fabric, Type 2, Deduct		-3.21	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add		3.90	
31 25 14 23-0005	LF	6' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....		34.88	
		For Type 1, Deduct		-5.79	
		For 13 Oz PVC Fabric, Type 2, Deduct		-3.52	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add		4.28	
31 25 14 23-0006	LF	7' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....		36.59	
		For Type 1, Deduct		-6.07	
		For 13 Oz PVC Fabric, Type 2, Deduct		-3.69	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add		4.49	
31 25 14 23-0007	LF	8' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....		38.33	
		For Type 1, Deduct		-6.35	
		For 13 Oz PVC Fabric, Type 2, Deduct		-3.87	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add		4.70	
31 25 14 23-0008	LF	9' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....		40.33	
		For Type 1, Deduct		-6.69	
		For 13 Oz PVC Fabric, Type 2, Deduct		-4.07	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add		4.95	
31 25 14 23-0009	LF	10' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....		43.11	
		For Type 1, Deduct		-7.20	
		For 13 Oz PVC Fabric, Type 2, Deduct		-4.38	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add		5.32	
31 25 14 23-0010	LF	12' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....		45.30	
		For Type 1, Deduct		-7.57	
		For 13 Oz PVC Fabric, Type 2, Deduct		-4.61	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add		5.59	
31 25 14 23-0011	LF	13' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....		48.25	
		For Type 1, Deduct		-8.10	
		For 13 Oz PVC Fabric, Type 2, Deduct		-4.93	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add		5.99	
31 25 14 23-0012	LF	14' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....		50.98	
		For Type 1, Deduct		-8.58	
		For 13 Oz PVC Fabric, Type 2, Deduct		-5.22	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add		6.34	
31 25 14 23-0013	LF	15' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....		53.64	
		For Type 1, Deduct		-9.03	
		For 13 Oz PVC Fabric, Type 2, Deduct		-5.50	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add		6.68	
31 25 14 23-0014	LF	16' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....		58.40	
		For Type 1, Deduct		-9.97	
		For 13 Oz PVC Fabric, Type 2, Deduct		-6.07	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add		7.37	
31 25 14 23-0015	LF	17' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....		61.25	
		For Type 1, Deduct		-10.45	
		For 13 Oz PVC Fabric, Type 2, Deduct		-6.36	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add		7.72	
31 25 14 23-0016	LF	18' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....		64.00	
		For Type 1, Deduct		-10.90	
		For 13 Oz PVC Fabric, Type 2, Deduct		-6.63	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add		8.05	
31 25 14 23-0017	LF	19' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....		66.92	
		For Type 1, Deduct		-11.38	
		For 13 Oz PVC Fabric, Type 2, Deduct		-6.93	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add		8.41	
31 25 14 23-0018	LF	20' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....		69.75	
		For Type 1, Deduct		-11.63	
		For 13 Oz PVC Fabric, Type 2, Deduct		-7.20	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add		8.74	

31 25 14 23-0019 Turbidity Curtain Anchors (31 25 14 23)

31 25 14 23-0020	EA	14 LB, Turbidity Curtain Anchor System.....		731.06	
		Note: Includes anchor, anchor chain, and marker buoy and rope.			
31 25 14 23-0021	EA	25 LB, Turbidity Curtain Anchor System.....		1,003.34	
		Note: Includes anchor, anchor chain, and marker buoy and rope.			
31 25 14 23-0022	EA	40 LB, Turbidity Curtain Anchor System.....		1,276.79	
		Note: Includes anchor, anchor chain, and marker buoy and rope.			
31 25 14 23-0023	EA	65 LB, Turbidity Curtain Anchor System.....		1,670.73	
		Note: Includes anchor, anchor chain, and marker buoy and rope.			

31 25 14 23-0024 Sand Bags (31 25 14 23)

Note: Bags filled on site with delivered material. Includes material and placement of bags.

31 25 14 23-0025	BAG	50 LB Capacity Sand Bag With Sand.....		6.23	2.60
		For >2,500 To 5,000, Deduct		-0.52	
		For >5,000, Deduct		-1.14	
31 25 14 23-0026	BAG	75 LB Capacity Sand Bag With Sand.....		8.05	3.23
		For >2,500 To 5,000, Deduct		-0.65	
		For >5,000, Deduct		-1.45	
31 25 14 23-0027	BAG	100 LB Capacity Sand Bag With Sand.....		10.18	3.86
		For >2,500 To 5,000, Deduct		-0.77	
		For >5,000, Deduct		-1.79	

31 Earthwork**31 20 Earth Moving****31 25 Erosion and Sedimentation Controls**
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31 25 14 23-0028	BAG	125 LB Capacity Sand Bag With Sand	12.51	4.83
		<i>For >2,500 To 5,000, Deduct</i>	-0.97	
		<i>For >5,000, Deduct</i>	-2.22	
31 25 14 23-0029	BAG	150 LB Capacity Sand Bag With Sand	15.24	5.78
		<i>For >2,500 To 5,000, Deduct</i>	-1.16	
		<i>For >5,000, Deduct</i>	-2.68	
31 25 14 23-0030	BAG	175 LB Capacity Sand Bag With Sand	17.80	6.58
		<i>For >2,500 To 5,000, Deduct</i>	-1.32	
		<i>For >5,000, Deduct</i>	-3.10	
31 25 14 23-0031	BAG	2,000 LB Capacity Sand Bag With Sand	149.55	47.12
		<i>For >2,500 To 5,000, Deduct</i>	-8.99	
		<i>For >5,000, Deduct</i>	-23.94	
31 25 14 23-0032	BAG	3,000 LB Capacity Sand Bag With Sand	192.96	51.84
		<i>For >2,500 To 5,000, Deduct</i>	-9.88	
		<i>For >5,000, Deduct</i>	-29.18	
31 25 14 23-0033		Gravel Bags <small>(31 25 14 23)</small>		
		Note: Bags filled on site with delivered material. Includes material and placement of bags.		
31 25 14 23-0034	BAG	30 LB Capacity Gravel Bag With Gravel	6.08	1.73
		<i>For >2,500 To 5,000, Deduct</i>	-0.34	
		<i>For >5,000, Deduct</i>	-0.95	
31 25 14 23-0035	BAG	50 LB Capacity Gravel Bag With Gravel	10.97	2.60
		<i>For >2,500 To 5,000, Deduct</i>	-0.52	
		<i>For >5,000, Deduct</i>	-1.62	
31 25 14 23-0036		Filter Bags <small>(31 25 14 23)</small>		
31 25 14 23-0037		Non-Woven Filter Bags <small>(31 25 14 23-0036)</small>		
31 25 14 23-0038	EA	6' x 15' Non-Woven Filter Bag	239.46	
31 25 14 23-0039	EA	13' x 15' Non-Woven Filter Bag	346.63	
31 25 14 23-0040	EA	15' x 15' Non-Woven Filter Bag	398.37	
31 25 14 23-0041		Monofilament Filter Bags <small>(31 25 14 23-0036)</small>		
31 25 14 23-0042	EA	5' x 15' Monofilament Filter Bag	249.01	
31 25 14 23-0043	EA	10' x 15' Monofilament Filter Bag	344.93	
31 25 14 23-0044		Cable Articulating Concrete Block <small>(31 25 14 23)</small>		
		Note: 4000 PSI Compressive strength, 12 LB/CF maximum absorption. Interlocking block with longitudinal revetment cable. Includes anchoring block to 12" x 12" x 6" concrete pier every 5' with anchor and filling cells with stockpiled material. Excludes site preparation and imported materials.		
31 25 14 23-0045	SF	4.75' Open Cell Articulated Concrete Block With Earth Backfill	39.84	
		<i>For >500 To 1,000, Add</i>	5.04	
		<i>For Up To 500, Add</i>	9.02	
31 25 14 23-0046	SF	6" Open Cell Articulated Concrete Block With Earth Backfill	45.50	
		<i>For >500 To 1,000, Add</i>	5.70	
		<i>For Up To 500, Add</i>	10.25	
31 25 14 23-0047	SF	7.5" Open Cell Articulated Concrete Block With Earth Backfill	51.98	
		<i>For >500 To 1,000, Add</i>	6.46	
		<i>For Up To 500, Add</i>	11.66	
31 25 14 23-0048	SF	9" Open Cell Articulated Concrete Block With Earth Backfill	58.59	
		<i>For >500 To 1,000, Add</i>	7.27	
		<i>For Up To 500, Add</i>	13.12	
31 25 14 23-0049	SF	4.75" Closed Cell Articulated Concrete Block	42.67	
		<i>For >500 To 1,000, Add</i>	5.32	
		<i>For Up To 500, Add</i>	9.59	
31 25 14 23-0050	SF	6" Closed Cell Articulated Concrete Block	48.88	
		<i>For >500 To 1,000, Add</i>	6.04	
		<i>For Up To 500, Add</i>	10.93	
31 25 14 23-0051	SF	7.5" Closed Cell Articulated Concrete Block	55.98	
		<i>For >500 To 1,000, Add</i>	6.86	
		<i>For Up To 500, Add</i>	12.46	
31 25 14 23-0052	SF	9" Closed Cell Articulated Concrete Block	63.17	
		<i>For >500 To 1,000, Add</i>	7.72	
		<i>For Up To 500, Add</i>	14.04	
31 25 14 26		Stabilization Measures for Sedimentation Control <small>(31 25 14)</small>		
31 25 14 26-0001		Silt Fences And Dike Barriers <small>(31 25 14 26)</small>		
		Note: Includes stakes and embedding.		
31 25 14 26-0002		Silt Fences 2' High <small>(31 25 14 26-0001)</small>		
		See CSI section 31 25 14 26-0014 for removal of silt fence.		
31 25 14 26-0003	LF	2' High Silt Fence with Stakes at 4' On Center	3.76	
31 25 14 26-0004	LF	2' High Silt Fence with Stakes at 6' On Center	3.00	
31 25 14 26-0005	LF	2' High Silt Fence with Stakes at 8' On Center	2.22	
31 25 14 26-0006	LF	2' High Silt Fence with Stakes at 10' On Center	1.99	
31 25 14 26-0007		Silt Fences 3' High <small>(31 25 14 26-0001)</small>		
		See CSI section 31 25 14 26-0014 for removal of silt fence.		
31 25 14 26-0008	LF	3' High Silt Fence with Stakes at 4' On Center	3.95	
31 25 14 26-0009	LF	3' High Silt Fence with Stakes at 6' On Center	3.36	
31 25 14 26-0010	LF	3' High Silt Fence with Stakes at 8' On Center	2.35	
31 25 14 26-0011	LF	3' High Silt Fence with Stakes at 10' On Center	2.12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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31 25 14 26-0012			Silt Dike Barrier <small>(31 25 14 26-0001)</small>		
31 25 14 26-0013	LF		Silt Dike Barrier With Stakes.....	5.17	
31 25 14 26-0014			Silt Fences Removal <small>(31 25 14 26-0001)</small>		
31 25 14 26-0015	LF		Removal Of Silt Fence And Stakes.....	0.82	
31 25 14 26-0016			Hay And Straw Bales <small>(31 25 14 26)</small>		
			Note: Includes trench for placement, and stakes.		
31 25 14 26-0017	LF		Place Sterilized Straw Bales.....	4.75	
31 25 14 26-0018	LF		Place Hay Bales Note: Includes securing in ground with stakes. See CSI section 31 25 14 26-0019 for removal of straw bale.	4.39	
31 25 14 26-0019	LF		Removal Of Hay Or Straw Bales Note: Includes securing in ground with stakes. See CSI section 31 25 14 26-0019 for removal of hay bale.	1.47	
			Note: Includes removal of stakes.		
31 25 14 26-0020			Sediment Logs (Degradable) <small>(31 25 14 26)</small>		
31 25 14 26-0021			Sediment Logs (Degradable) <small>(31 25 14 26-0020)</small>		
			Note: Includes stakes and removal after use. Curlex sediment logs as manufactured by American Excelsior.		
31 25 14 26-0022	LF		12" Sediment Log.....	8.32	
31 25 14 26-0023	LF		20" Sediment Log.....	11.22	
31 25 14 26-0024			Wattles (Degradable) With UV Stabilized Synthetic Netting <small>(31 25 14 26-0020)</small>		
			Note: Includes trench for placement, 24" wood staking at 4' on-center		
31 25 14 26-0025	EA		Wattles (Sterile Straw Filled Rolls), 9" x 25'.....	177.39	
31 25 14 26-0026	EA		Wattles (Sterile Straw Filled Rolls), 12" x 20'.....	172.59	
31 25 14 26-0027			Inlet Protection Sediment Bags <small>(31 25 14 26)</small>		
			Note: Includes removal, cleaning, and replacement per each location.		
31 25 14 26-0028	EA		2' x 2' x 3' Inlet Protection Sediment Bag.....	70.75	
31 25 14 26-0029	EA		2' x 3' x 3' Inlet Protection Sediment Bag.....	89.09	
31 25 14 26-0030	EA		2' x 4' x 3' Inlet Protection Sediment Bag.....	97.30	
31 25 14 26-0031			Clean Sediment Logs/Wattles <small>(31 25 14 26)</small>		
			Note: Includes removal, cleaning, and replacement per each location.		
31 25 14 26-0032	EA		Clean Sediment Logs/Wattles.....	82.19	

31 30 Earthwork Methods (31)

31 31 Soil Treatment (31 30)

31 31 16 Termite Control (31 31)

31 31 16 13 Chemical Termite Control (31 31 16)

31 31 16 13-0001 Commercial Use (31 31 16 13)

31 31 16 13-0002	SF		Termite Pretreatment, Commercial Soil Poisoning Under Slab.....		0.96
31 31 16 13-0003	SF		Termite Pretreatment, Commercial Slab And Walls.....		1.34

31 31 16 13-0004 Residential Use (31 31 16 13)

31 31 16 13-0005	SF		Termite Pretreatment, Residential General Spraying Walls And Slab.....		1.35
31 31 16 13-0006	SF		Termite Treatment, Existing Residential Structure.....		1.46

31 31 19 Vegetation Control (31 31)

31 31 19 13 Chemical Vegetation Control (31 31 19)

31 31 19 13-0001 Soil Sterilants (31 31 19 13)

31 31 19 13-0002	MSF		Soil Sterilant.....		31.20
			Note: Use only in areas where complete control of all vegetation is desired, such as industrial sites, right-of-way, lumberyards, petroleum tank farms, around farm buildings, along fence lines, etc. When applied to the soil, this product usually inhibits plant growth for a year or more.		
			For >45 To 90, Deduct		-0.44
			For >90 To 225, Deduct		-2.44
			For >225, Deduct		-3.33

31 32 Soil Stabilization (31 30)

31 32 13 Soil Mixing Stabilization (31 32)

31 32 13 16 Cement Soil Stabilization (31 32 13)

31 32 13 16-0001 Cementitious Soil Binder (31 32 13 16)

31 32 13 16-0002	CY		Cementitious Soil Binder, 4% Cement Mix By Volume.....		39.50
31 32 13 16-0003	CY		Cementitious Soil Binder, 6% Cement Mix By Volume.....		45.71

31	Earthwork
31 30	Earthwork Methods
31 32	Soil Stabilization

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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31 32 13 16-0004	CY	Cementitious Soil Binder, 9% Cement Mix By Volume	55.93	
31 32 13 16-0005	CY	Cementitious Soil Binder, 12% Cement Mix By Volume	66.01	

31 32 13 19 Lime Soil Stabilization (31 32 13)

Note: Includes delivery up to 15 miles from the closest approved source, the cost for loading, and dumping. The price excludes the cost for spreading or backfilling. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

31 32 13 19-0001 Lime Slurry (31 32 13 19)

31 32 13 19-0002	LCY	Soil Stabilization With Lime Slurry 10% Lime Slurry By Volume	34.82	
31 32 13 19-0003	TON	Cement Stabilized Base Material	133.26	
31 32 13 19-0004	CWT	Lime For Soil Stabilization	21.60	
Note: Excludes the cost for spreading or backfilling				
31 32 13 19-0005	LCY	Roller, Grader - Lime Stabilization	18.69	
31 32 13 19-0006	LCY	Roller, Grader - Cement Stabilization	4.23	

31 32 13 19-0007 Lime Stabilized Subgrade (31 32 13 19)

Note: Based on soil weight of 110 LB/CF using lime weight of 5.5 LB/CF (5%).

31 32 13 19-0008	SY	6" Thick Lime Stabilized Subgrade, 25 LB	12.76	
For 4% Lime Instead Of 5%, Deduct			-0.38	
For 6% Lime Instead Of 5%, Add			0.38	
31 32 13 19-0009	SY	7" Thick Lime Stabilized Subgrade, 29 LB	14.80	
For 4% Lime Instead Of 5%, Deduct			-0.44	
For 6% Lime Instead Of 5%, Add			0.44	
31 32 13 19-0010	SY	8" Thick Lime Stabilized Subgrade, 33 LB	16.87	
For 4% Lime Instead Of 5%, Deduct			-0.50	
For 6% Lime Instead Of 5%, Add			0.50	

31 32 13 29 Liquid Soil Stabilization (31 32 13)

31 32 13 29-0001	GAL	Polyacrylamide And Calcium Solution	2.85	
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31 32 19 Geosynthetic Soil Stabilization and Layer Separation (31 32)**31 32 19 13 Geogrid Soil Stabilization** (31 32 19)**31 32 19 13-0001 Geogrid Fabrics** (31 32 19 13)

Note: For reinforcement of over steepened earth slopes, segmental retaining walls and other mechanically stabilized earth applications.

31 32 19 13-0002	SY	5.3 Ounce/SY, 1,700 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-150)	5.97	
For Up To 50, Add			1.30	
For >50 To 150, Add			0.96	
For >150 To 250, Add			0.63	
For >250 To 500, Add			0.32	
31 32 19 13-0003	SY	6.9 Ounce/SY, 3,100 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-300)	6.82	
For Up To 50, Add			1.47	
For >50 To 150, Add			1.09	
For >150 To 250, Add			0.72	
For >250 To 500, Add			0.36	
31 32 19 13-0004	SY	8.7 Ounce/SY, 4,280 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-500)	7.44	
For Up To 50, Add			1.60	
For >50 To 150, Add			1.19	
For >150 To 250, Add			0.78	
For >250 To 500, Add			0.39	
31 32 19 13-0005	SY	12.6 Ounce/SY, 7,315 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-800)	10.76	
For Up To 50, Add			2.27	
For >50 To 150, Add			1.69	
For >150 To 250, Add			1.12	
For >250 To 500, Add			0.56	
31 32 19 13-0006	SY	14.1 Ounce/SY, 9,790 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-1000)	12.32	
For Up To 50, Add			2.58	
For >50 To 150, Add			1.93	
For >150 To 250, Add			1.27	
For >250 To 500, Add			0.64	
31 32 19 13-0007	SY	4.3 Ounce/SY, 1,658 LB/FT Wide Width Tensile Ultimate Bi-Axial Extruded Polypropylene Geogrid Fabric (Carthage Mills Enkagrid Max 20)	6.07	
For Up To 50, Add			1.32	
For >50 To 150, Add			0.98	
For >150 To 250, Add			0.64	
For >250 To 500, Add			0.32	
31 32 19 13-0008	SY	5.9 Ounce/SY, 2,192 LB/FT Wide Width Tensile Ultimate Bi-Axial Extruded Polypropylene Geogrid Fabric (Carthage Mills Enkagrid Max 30)	8.97	
For Up To 50, Add			1.90	
For >50 To 150, Add			1.42	
For >150 To 250, Add			0.93	
For >250 To 500, Add			0.47	

31 32 19 16 Geotextile Soil Stabilization (31 32 19)**31 32 19 16-0001 Nonwoven Polypropylene Geotextiles** (31 32 19 16)

Note: For drainage, filtration and separation.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 19 16-0002	SY	3.0 Ounce/SY, 40 Mil, 80 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-30HS)	1.85		
		<i>For Up To 50, Add</i>	0.41		
		<i>For >50 To 150, Add</i>	0.30		
		<i>For >150 To 250, Add</i>	0.20		
		<i>For >250 To 500, Add</i>	0.10		
31 32 19 16-0003	SY	3.5 Ounce/SY, 50 Mil, 95 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-35HS)	1.98		
		<i>For Up To 50, Add</i>	0.44		
		<i>For >50 To 150, Add</i>	0.32		
		<i>For >150 To 250, Add</i>	0.21		
		<i>For >250 To 500, Add</i>	0.11		
31 32 19 16-0004	SY	4.0 Ounce/SY, 60 Mil, 115 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-40HS)	2.15		
		<i>For Up To 50, Add</i>	0.47		
		<i>For >50 To 150, Add</i>	0.35		
		<i>For >150 To 250, Add</i>	0.23		
		<i>For >250 To 500, Add</i>	0.11		
31 32 19 16-0005	SY	4.5 Ounce/SY, 55 Mil, 120 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-45HS)	2.32		
		<i>For Up To 50, Add</i>	0.50		
		<i>For >50 To 150, Add</i>	0.37		
		<i>For >150 To 250, Add</i>	0.25		
		<i>For >250 To 500, Add</i>	0.12		
31 32 19 16-0006	SY	6.0 Ounce/SY, 70 Mil, 160 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-60HS)	2.76		
		<i>For Up To 50, Add</i>	0.59		
		<i>For >50 To 150, Add</i>	0.44		
		<i>For >150 To 250, Add</i>	0.29		
		<i>For >250 To 500, Add</i>	0.14		
31 32 19 16-0007	SY	7.0 Ounce/SY, 85 Mil, 180 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-70HS)	3.23		
		<i>For Up To 50, Add</i>	0.69		
		<i>For >50 To 150, Add</i>	0.52		
		<i>For >150 To 250, Add</i>	0.34		
		<i>For >250 To 500, Add</i>	0.17		
31 32 19 16-0008	SY	8.0 Ounce/SY, 85 Mil, 205 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-80HS)	3.56		
		<i>For Up To 50, Add</i>	0.76		
		<i>For >50 To 150, Add</i>	0.57		
		<i>For >150 To 250, Add</i>	0.37		
		<i>For >250 To 500, Add</i>	0.19		
31 32 19 16-0009	SY	10 Ounce/SY, 115 Mil, 250 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-100HS)	4.40		
		<i>For Up To 50, Add</i>	0.93		
		<i>For >50 To 150, Add</i>	0.69		
		<i>For >150 To 250, Add</i>	0.46		
		<i>For >250 To 500, Add</i>	0.23		
31 32 19 16-0010		Woven Geotextiles Fabric <small>(31 32 19 16)</small>			
31 32 19 16-0011	SY	200 LB Grab Tensile Woven Slit Film Geotextile Fabric (Carthage Mills FX-55)	2.69		
		<i>For Up To 50, Add</i>	0.58		
		<i>For >50 To 150, Add</i>	0.43		
		<i>For >150 To 250, Add</i>	0.28		
		<i>For >250 To 500, Add</i>	0.14		
31 32 19 16-0012	SY	315 LB Grab Tensile Woven Slit Film Geotextile Fabric (Carthage Mills FX-66)	3.80		
		<i>For Up To 50, Add</i>	0.80		
		<i>For >50 To 150, Add</i>	0.60		
		<i>For >150 To 250, Add</i>	0.39		
		<i>For >250 To 500, Add</i>	0.20		
31 32 19 16-0013	SY	4 To 6% Open Area, 370 x 250 LB Grab Tensile Woven Monofilament Geotextile Fabric (Carthage Mills Carthage 6%)	6.73		
		<i>For Up To 50, Add</i>	1.39		
		<i>For >50 To 150, Add</i>	1.04		
		<i>For >150 To 250, Add</i>	0.69		
		<i>For >250 To 500, Add</i>	0.34		
31 32 19 16-0014	SY	11 To 15% Open Area, 370 x 220 LB Grab Tensile Woven Monofilament Geotextile Fabric (Carthage Mills Carthage 15%)	6.56		
		<i>For Up To 50, Add</i>	1.36		
		<i>For >50 To 150, Add</i>	1.02		
		<i>For >150 To 250, Add</i>	0.67		
		<i>For >250 To 500, Add</i>	0.34		
31 32 19 16-0015	SY	6.9 Oz/SY, 250 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-250TF)	5.72		
		<i>For Up To 50, Add</i>	1.19		
		<i>For >50 To 150, Add</i>	0.89		
		<i>For >150 To 250, Add</i>	0.59		
		<i>For >250 To 500, Add</i>	0.29		
31 32 19 16-0016	SY	9.1 Oz/SY, 333 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-330TF)	6.12		
		<i>For Up To 50, Add</i>	1.27		
		<i>For >50 To 150, Add</i>	0.95		
		<i>For >150 To 250, Add</i>	0.63		
		<i>For >250 To 500, Add</i>	0.31		
31 32 19 16-0017	SY	12.1 Oz/SY, 400 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-400TF)	7.84		
		<i>For Up To 50, Add</i>	1.62		
		<i>For >50 To 150, Add</i>	1.21		
		<i>For >150 To 250, Add</i>	0.80		
		<i>For >250 To 500, Add</i>	0.40		
31 32 19 16-0018	SY	12.1 Oz/SY, 400 LB/IN Wide Width Tensile Ultimate Woven Monofilament And Fibrillated Geotextile Fabric (Carthage Mills FX-400MF)	11.21		
		<i>For Up To 50, Add</i>	2.29		
		<i>For >50 To 150, Add</i>	1.71		
		<i>For >150 To 250, Add</i>	1.14		
		<i>For >250 To 500, Add</i>	0.57		

31 Earthwork
31 30 Earthwork Methods
31 32 Soil Stabilization

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

Table with columns for item code, description, and unit cost. Includes items for Geomembranes (PVC) with various mil thicknesses (20 to 100).

Table with columns for item code, description, and unit cost. Includes items for High Density Polyethylene (HDPE) Geomembrane with various mil thicknesses (20 to 140).

31 32 19 26 Geoweb Cellular Confinement System (31 32 19)
Note: Includes staples, stakes and filling cells with stockpiled material. Excludes site preparation and imported materials.

Table with columns for item code, description, and unit cost. Includes items for Geoweb Cellular Confinement System (4", 6", 8" Geoweb) with deduct and add values for slope.

31 35 Slope Protection (31 30)

31 35 19 Geosynthetic Slope Protection (31 35)
31 35 19 19 Slope Protection with Mulch Control Netting (31 35 19)

Table with columns for item code, description, and unit cost. Includes item for Erosion Control Fabric (26.6 OZ/SY).

31 36 Gabions (31 30)

Note: Includes the cost for loading, hauling up to 15 miles from the closest approved source, unloading and placing. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

31 36 13 Gabion Boxes (31 36)

Table with columns for item code, description, and unit cost. Includes items for Stone Filled Gabion Slope Protection (6" to 36" deep).

31 37 Riprap (31 30)

Note: Includes the cost for loading, hauling up to 15 miles from the closest approved source, and dumping. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

31 37 13 Machined Riprap (31 37)

Table with columns for item code, description, and unit cost. Includes items for Random - Filter Stone (10 To 50 LB to >200 To 300 LB Average Pieces).

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 37 13 00-0006	CY		>300 To 600 LB Average Pieces Random, Dumped From Truck, Rip Rap <i>For Chinking Material, Add</i>	90.35	14.20
31 37 13 00-0007	CY		>600 LB Average Pieces Random, Dumped From Truck, Rip Rap	97.62	
31 37 13 00-0008	CY		3/8 To 1/4 CY Pieces Random, Dumped From Truck, Machine Spread And Placed Slope Protection (Keyed) Rip Rap	115.55	
31 37 13 00-0009	TON		10 To 50 LB Average Pieces Random, Dumped From Truck, Rip Rap	43.36	
31 37 13 00-0010	TON		>50 To 100 LB Average Pieces Random, Dumped From Truck, Rip Rap	49.89	
31 37 13 00-0011	TON		>100 To 200 LB Average Pieces Random, Dumped From Truck, Rip Rap	52.97	
31 37 13 00-0012	TON		>200 To 300 LB Average Pieces Random, Dumped From Truck, Rip Rap	56.47	
31 37 13 00-0013	TON		>300 To 600 LB Average Pieces Random, Dumped From Truck, Rip Rap	59.29	
31 37 13 00-0014	TON		>600 LB Average Pieces Random, Dumped From Truck, Rip Rap	63.96	
31 37 13 00-0015	TON		3/8 To 1/4 CY Pieces Random, Dumped From Truck, Machine Spread And Placed Slope Protection (Keyed) Rip Rap	78.19	

31 40 Shoring and Underpinning ⁽³¹⁾

31 41 Shoring ^(31 40)

31 41 13 Timber Shoring ^(31 41)

31 41 13 00-0001 Wood Sheet Piling ^(31 41 13)

31 41 13 00-0002 Pull And Salvage ^(31 41 13 00-0001)

Note: Includes soldier beams and lagging (wales, braces and spacers). Excludes tie-backs (rock bolting) where required.

31 41 13 00-0003	SF		8' Deep Excavation, Wood Shoring, Pull And Salvage <i>For Wood Sheeting Left In Place</i>	12.84	-1.40
31 41 13 00-0004	SF		10' Deep Excavation, Wood Shoring, Pull And Salvage <i>For Wood Sheeting Left In Place</i>	13.90	-1.61
31 41 13 00-0005	SF		12' Deep Excavation, Wood Shoring, Pull And Salvage <i>For Wood Sheeting Left In Place</i>	15.08	-1.85
31 41 13 00-0006	SF		14' Deep Excavation, Wood Shoring, Pull And Salvage <i>For Wood Sheeting Left In Place</i>	16.34	-2.11
31 41 13 00-0007	SF		16' Deep Excavation, Wood Shoring, Pull And Salvage <i>For Wood Sheeting Left In Place</i>	17.71	-2.39
31 41 13 00-0008	SF		18' Deep Excavation, Wood Shoring, Pull And Salvage <i>For Wood Sheeting Left In Place</i>	19.19	-2.71
31 41 13 00-0009	SF		20' Deep Excavation, Wood Shoring, Pull And Salvage <i>For Wood Sheeting Left In Place</i>	20.84	-3.05

31 41 16 Sheet Piling ^(31 41)

31 41 16 13 Steel Sheet Piling ^(31 41 16)

31 41 16 13-0001 Standard Carbon Grade Steel Sheeting - Pull And Salvage ^(31 41 16 13)

Note: Up to 3 months. 38.5 KSI steel per SF minimum. PSF indicated is for the weight of the material per square foot. Includes soldier beams and lagging (wales, braces and spacers). Excludes tie-backs (rock bolting) where required.

31 41 16 13-0002	TON		Driven Steel Sheet Piling, 15' Excavation, 22 PSF Steel Sheeting, Pull And Salvage <i>For Standard Sheeting Left In Place, Add</i> <i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add</i> <i>For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add</i> <i>For High Strength Sheeting 55,000 PSI Grade, Add</i> <i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add</i> <i>For Each Additional Month >3 Months, Add</i>	2,129.39	1,130.35 1,087.31 96.84 107.60 333.56 53.80
31 41 16 13-0003	TON		Driven Steel Sheet Piling, 20' Excavation, 27 PSF Steel Sheeting, Pull And Salvage <i>For Standard Sheeting Left In Place, Add</i> <i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add</i> <i>For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add</i> <i>For High Strength Sheeting 55,000 PSI Grade, Add</i> <i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add</i> <i>For Each Additional Month >3 Months, Add</i>	2,215.13	1,087.48 1,044.44 96.84 107.60 333.56 53.80
31 41 16 13-0004	TON		Driven Steel Sheet Piling, 25' Excavation, 38 PSF Steel Sheeting, Pull And Salvage <i>For Standard Sheeting Left In Place, Add</i> <i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add</i> <i>For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add</i> <i>For High Strength Sheeting 55,000 PSI Grade, Add</i> <i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add</i> <i>For Each Additional Month >3 Months, Add</i>	2,613.74	888.17 845.13 96.84 107.60 333.56 53.80
31 41 16 13-0005	TON		Driven Steel Sheet Piling, 30' Excavation, 38 PSF Steel Sheeting, Pull And Salvage <i>For Standard Sheeting Left In Place, Add</i> <i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add</i> <i>For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add</i> <i>For High Strength Sheeting 55,000 PSI Grade, Add</i> <i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add</i> <i>For Each Additional Month >3 Months, Add</i>	2,997.29	696.40 653.36 96.84 107.60 333.56 53.80
31 41 16 13-0006	TON		Driven Steel Sheet Piling, 35' Excavation, 38 PSF Steel Sheeting, Pull And Salvage <i>For Standard Sheeting Left In Place, Add</i> <i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add</i> <i>For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add</i> <i>For High Strength Sheeting 55,000 PSI Grade, Add</i> <i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add</i> <i>For Each Additional Month >3 Months, Add</i>	3,222.91	583.59 540.55 96.84 107.60 333.56 53.80

31 Earthwork**31 40 Shoring and Underpinning****31 41 Shoring**
 MINOR
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 TOTAL DIRECT DEMOLITION
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31 41 16 13-0007	TON Driven Steel Sheet Piling, 40' Excavation, 38 PSF Steel Sheeting, Pull And Salvage.....	3,453.05	
	<i>For Standard Sheeting Left In Place, Add</i>	468.52	
	<i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add</i>	425.48	
	<i>For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add</i>	96.84	
	<i>For High Strength Sheeting 55,000 PSI Grade, Add</i>	107.60	
	<i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add</i>	333.56	
	<i>For Each Additional Month >3 Months, Add</i>	53.80	

31 45 Vibroflotation and Densification (31 40)**31 45 13 Vibroflotation** (31 45)

31 45 13 00-0001	LCY Soil Stabilization, Vibroflotation.....	15.42	
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31 48 Underpinning (31 40)**31 48 33 Micropile Underpinning** (31 48)**31 48 33 00-0001 Augered Micro-Pile And Grout System** (31 48 33)

31 48 33 00-0002	EA Micro-Pile Mobilization Per Job.....	2,492.26	
31 48 33 00-0003	EA Relocate And Set-up Micro-Pile Equipment At New Pile Cap Location	623.07	
31 48 33 00-0004	VLF Auger 8" Diameter Hole, Insert GEWI Micro-Pile And Grout Void	362.16	
	Note: Includes GEWI piles, threadbar extensions, couplers, spacers, top nut and steel bearing plate.		
31 48 33 00-0005	VLF Auger 8" Diameter Hole, Insert GEWI Micro-Pile And Grout Void - Indoor	440.04	
	Note: Includes GEWI piles, threadbar extensions, couplers, spacers, top nut and steel bearing plate.		
31 48 33 00-0006	EA Pile Load Test.....	3,115.31	

END OF SECTION 31

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 Exterior Improvements

32 01 Operation and Maintenance of Exterior Improvements ⁽³²⁾

32 01 11 Paving Cleaning ^(32 01)

32 01 11 53 Paint Removal from Paving ^(32 01 11)

32 01 11 53-0001 Remove Pavement Markings ^(32 01 11 53)

Note: Includes stripe removal by grinding, vacuuming of removed striped area and containment of debris.

32 01 11 53-0002	LF Removal Of 4" Wide Painted Or Epoxy Pavement Striping	2.05	
	For Up To 250, Add	1.03	
	For >250 To 1,000, Add	0.51	
	For >5,000 To 10,000, Deduct	-0.31	
	For >10,000 To 25,000, Deduct	-0.51	
	For >25,000 To 50,000, Deduct	-0.72	
	For >50,000, Deduct	-0.82	
32 01 11 53-0003	LF Removal Of 6" Wide Painted Or Epoxy Pavement Striping	2.46	
	For Up To 250, Add	1.23	
	For >250 To 1,000, Add	0.62	
	For >5,000 To 10,000, Deduct	-0.37	
	For >10,000 To 25,000, Deduct	-0.62	
	For >25,000 To 50,000, Deduct	-0.86	
	For >50,000, Deduct	-0.98	
32 01 11 53-0004	LF Removal Of 8" Wide Painted Or Epoxy Pavement Striping	2.95	
	For Up To 250, Add	1.48	
	For >250 To 1,000, Add	0.74	
	For >5,000 To 10,000, Deduct	-0.44	
	For >10,000 To 25,000, Deduct	-0.74	
	For >25,000 To 50,000, Deduct	-1.03	
	For >50,000, Deduct	-1.18	
32 01 11 53-0005	LF Removal Of 12" Wide Painted Or Epoxy Pavement Striping	3.52	
	For Up To 250, Add	1.76	
	For >250 To 1,000, Add	0.88	
	For >5,000 To 10,000, Deduct	-0.53	
	For >10,000 To 25,000, Deduct	-0.88	
	For >25,000 To 50,000, Deduct	-1.23	
	For >50,000, Deduct	-1.41	
32 01 11 53-0006	SF Removal Of Painted Or Epoxy Pavement Marking, Letters Or Symbols	3.52	
	For Up To 250, Add	1.76	
	For >250 To 1,000, Add	0.88	
	For >5,000 To 10,000, Deduct	-0.53	
	For >10,000 To 25,000, Deduct	-0.88	
	For >25,000 To 50,000, Deduct	-1.23	
	For >50,000, Deduct	-1.41	
32 01 11 53-0007	LF Removal Of 4" Wide Thermoplastic Pavement Striping	2.63	
	For Up To 250, Add	1.32	
	For >250 To 1,000, Add	0.66	
	For >5,000 To 10,000, Deduct	-0.39	
	For >10,000 To 25,000, Deduct	-0.66	
	For >25,000 To 50,000, Deduct	-0.92	
	For >50,000, Deduct	-1.05	
32 01 11 53-0008	LF Removal Of 6" Wide Thermoplastic Pavement Striping	3.10	
	For Up To 250, Add	1.55	
	For >250 To 1,000, Add	0.78	
	For >5,000 To 10,000, Deduct	-0.47	
	For >10,000 To 25,000, Deduct	-0.78	
	For >25,000 To 50,000, Deduct	-1.09	
	For >50,000, Deduct	-1.24	
32 01 11 53-0009	LF Removal Of 8" Wide Thermoplastic Pavement Striping	3.75	
	For Up To 250, Add	1.88	
	For >250 To 1,000, Add	0.94	
	For >5,000 To 10,000, Deduct	-0.56	
	For >10,000 To 25,000, Deduct	-0.94	
	For >25,000 To 50,000, Deduct	-1.31	
	For >50,000, Deduct	-1.50	
32 01 11 53-0010	LF Removal Of 12" Wide Thermoplastic Pavement Striping	4.49	
	For Up To 250, Add	2.25	
	For >250 To 1,000, Add	1.12	
	For >5,000 To 10,000, Deduct	-0.67	
	For >10,000 To 25,000, Deduct	-1.12	
	For >25,000 To 50,000, Deduct	-1.57	
	For >50,000, Deduct	-1.80	
32 01 11 53-0011	SF Removal Of Thermoplastic Pavement Marking, Letters Or Symbols	4.49	
	For Up To 250, Add	2.25	
	For >250 To 1,000, Add	1.12	
	For >5,000 To 10,000, Deduct	-0.67	
	For >10,000 To 25,000, Deduct	-1.12	
	For >25,000 To 50,000, Deduct	-1.57	
	For >50,000, Deduct	-1.80	

32 01 13 Flexible Paving Surface Treatment ^(32 01)

32 01 13 61 Slurry Seal (Latex Modified) ^(32 01 13)

32 01 13 61-0001 Asphalt Seal Coating, For Roads And Parking Lot ^(32 01 13 61)

Note: Includes sweeping and cleaning of area.

32 Exterior Improvements**32 01 Operation and Maintenance of Exterior Improvements****32 01 13 Flexible Paving Surface Treatment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 01 13 61-0002	EA	Asphalt Seal Coating Minimum Charge	829.53	
		Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
32 01 13 61-0003	SY	Up To 500 SY, Type II Slurry Seal Asphalt Coating, Per Coat.....	4.46	
		Note: 1/4" thick, 14 to 18 Lbs/SY.		
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	0.33	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.39	
		For Rubberized Polymer Modified Emulsion (RPME), Add	0.49	
		For Each 0.5% Of Latex Addition, Add	0.39	
32 01 13 61-0004	SY	>500 To 1,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat.....	4.16	
		Note: 1/4" thick, 14 to 18 Lbs/SY.		
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	0.32	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.38	
		For Rubberized Polymer Modified Emulsion (RPME), Add	0.48	
		For Each 0.5% Of Latex Addition, Add	0.39	
32 01 13 61-0005	SY	>1,000 To 5,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat.....	3.93	
		Note: 1/4" thick, 14 to 18 Lbs/SY.		
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	0.30	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.36	
		For Rubberized Polymer Modified Emulsion (RPME), Add	0.46	
		For Each 0.5% Of Latex Addition, Add	0.39	
32 01 13 61-0006	SY	>5,000 To 20,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat	3.71	
		Note: 1/4" thick, 14 to 18 Lbs/SY.		
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	0.29	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.35	
		For Rubberized Polymer Modified Emulsion (RPME), Add	0.45	
		For Each 0.5% Of Latex Addition, Add	0.39	
32 01 13 61-0007	SY	>20,000 To 50,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat	3.51	
		Note: 1/4" thick, 14 to 18 Lbs/SY.		
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	0.28	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.34	
		For Rubberized Polymer Modified Emulsion (RPME), Add	0.44	
		For Each 0.5% Of Latex Addition, Add	0.39	
32 01 13 61-0008	SY	>50,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat	3.32	
		Note: 1/4" thick, 14 to 18 Lbs/SY.		
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	0.27	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.33	
		For Rubberized Polymer Modified Emulsion (RPME), Add	0.43	
		For Each 0.5% Of Latex Addition, Add	0.39	
32 01 13 61-0009	SY	Up To 500 SY, Type III Slurry Seal Asphalt Coating, Per Coat.....	5.60	
		Note: 3/8" thick, 25 to 30 Lbs/SY.		
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	0.34	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.40	
		For Rubberized Polymer Modified Emulsion (RPME), Add	0.50	
		For Each 0.5% Of Latex Addition, Add	0.64	
32 01 13 61-0010	SY	>500 To 1,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat	5.27	
		Note: 3/8" thick, 25 to 30 Lbs/SY.		
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	0.32	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.38	
		For Rubberized Polymer Modified Emulsion (RPME), Add	0.48	
		For Each 0.5% Of Latex Addition, Add	0.64	
32 01 13 61-0011	SY	>1,000 To 5,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat	5.02	
		Note: 3/8" thick, 25 to 30 Lbs/SY.		
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	0.31	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.37	
		For Rubberized Polymer Modified Emulsion (RPME), Add	0.47	
		For Each 0.5% Of Latex Addition, Add	0.64	
32 01 13 61-0012	SY	>5,000 To 20,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat	4.79	
		Note: 3/8" thick, 25 to 30 Lbs/SY.		
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	0.30	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.36	
		For Rubberized Polymer Modified Emulsion (RPME), Add	0.46	
		For Each 0.5% Of Latex Addition, Add	0.64	
32 01 13 61-0013	SY	>20,000 To 50,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat	4.58	
		Note: 3/8" thick, 25 to 30 Lbs/SY.		
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	0.29	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.35	
		For Rubberized Polymer Modified Emulsion (RPME), Add	0.45	
		For Each 0.5% Of Latex Addition, Add	0.64	
32 01 13 61-0014	SY	>50,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat	4.37	
		Note: 3/8" thick, 25 to 30 Lbs/SY.		
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	0.28	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.34	
		For Rubberized Polymer Modified Emulsion (RPME), Add	0.44	
		For Each 0.5% Of Latex Addition, Add	0.64	

32 01 13 62 Asphalt Surface Treatment (32 01 13)**32 01 13 62-0001 Polymer-Modified, Microsurfacing Emulsion (MSE Microsurfacing)** (32 01 13 62)

Note: Use a blend of emulsified quick-set polymer-modified emulsion asphalt and latex-based polymer. Includes sweeping and cleaning of area.

32 01 13 62-0002	SY	Up To 200 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	10.01	
32 01 13 62-0003	SY	Up To 500 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	9.50	
32 01 13 62-0004	SY	>500 To 1,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE).....	9.06	
32 01 13 62-0005	SY	>1,000 To 5,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE).....	8.68	
32 01 13 62-0006	SY	>5,000 To 10,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE).....	8.34	
32 01 13 62-0007	SY	>10,000 To 20,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE).....	8.04	
32 01 13 62-0008	SY	>20,000 To 50,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE).....	7.82	
32 01 13 62-0009	SY	>50,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE).....	7.71	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 01 16 Flexible Paving Rehabilitation (32 01)

32 01 16 71 Cold Milling Asphalt Pavement (32 01 16)

32 01 16 71-0001 Removal Of Asphalt Surface Course (32 01 16 71)

Note: Includes direct loading into truck.

32 01 16 71-0002 Production Cold Milling Of Roads And Parking Areas (32 01 16 71-0001)

Note: For removal of entire lanes of roads or parking areas. Includes work around man holes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0039 for hauling.

32 01 16 71-0003	SY Up To 3" Depth, Production Cold Milling Of Asphalt.....	4.56	
	For Up To 2,500, Add	3.42	
	For >2,500 To 5,000, Add	1.14	
	For >10,000 To 25,000, Deduct	-0.46	
	For >25,000, Deduct	-0.68	
32 01 16 71-0004	SY >3" To 6" Depth, Production Cold Milling Of Asphalt.....	6.08	
	For Up To 2,500, Add	4.56	
	For >2,500 To 5,000, Add	1.52	
	For >10,000 To 25,000, Deduct	-0.61	
	For >25,000, Deduct	-0.91	
32 01 16 71-0005	SY >6" To 12" Depth, Production Cold Milling Of Asphalt.....	8.09	
	For Up To 2,500, Add	6.07	
	For >2,500 To 5,000, Add	2.02	
	For >10,000 To 25,000, Deduct	-0.81	
	For >25,000, Deduct	-1.21	

32 01 16 71-0006 Limited Production Cold Milling (32 01 16 71-0001)

Note: For cross sections of roadways, trenching, partial shoulders, and other small or narrow areas. Includes work around man holes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0039 for hauling.

32 01 16 71-0007	SY Up To 3" Depth, Limited Cold Milling Of Asphalt.....	28.85	
	For >100 To 1,000, Deduct	-14.43	
	For >1,000, Deduct	-21.64	
32 01 16 71-0008	SY >3" To 6" Depth, Limited Cold Milling Of Asphalt.....	38.20	
	For >100 To 1,000, Deduct	-19.10	
	For >1,000, Deduct	-28.65	
32 01 16 71-0009	SY >6" To 12" Depth, Limited Cold Milling Of Asphalt.....	50.88	
	For >100 To 1,000, Deduct	-25.44	
	For >1,000, Deduct	-38.16	

32 01 16 71-0010 Grind, Leave In-Place Asphalt Grindings (32 01 16 71)

Note: For use as subbase material, includes spreading and rolling.

32 01 16 71-0011	SY Grind, Leave In-Place As Subbase Course, 6-9" Depth.....	7.45	
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32 01 16 74 In Place Hot Reused Asphalt Paving (32 01 16)

32 01 16 74-0001 Rejuvenate, Respread Asphalt Pavement (32 01 16 74)

Note: Includes direct loading into truck.

32 01 16 74-0002	SY Removal, Rejuvenation, And Respreading Of Asphalt Grindings To 1/2" Deep.....	12.65	
32 01 16 74-0003	SY Removal, Rejuvenation, And Respreading Of Asphalt Grindings To 1/2" Deep, Previously Sealed Cold Tar.....	14.98	
32 01 16 74-0004	TON Removal, Rejuvenation, And Respreading Of Asphalt Grindings.....	198.09	

32 01 16 74-0005 Reclamation, Pulverize And Blending With Existing (32 01 16 74)

Note: Includes direct loading into truck.

32 01 16 74-0006	SY Up To 2" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	15.54	
32 01 16 74-0007	SY Up To 2" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	7.77	
32 01 16 74-0008	SY Up To 2" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	3.88	
32 01 16 74-0009	SY Up To 2" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	3.68	
32 01 16 74-0010	SY >2" To 3" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	4.24	
32 01 16 74-0011	SY >2" To 3" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	16.96	
32 01 16 74-0012	SY >2" To 3" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	8.47	
32 01 16 74-0013	SY >2" To 3" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	4.00	
32 01 16 74-0014	SY >3" To 4" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	18.65	
32 01 16 74-0015	SY >3" To 4" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	9.33	
32 01 16 74-0016	SY >3" To 4" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	4.66	
32 01 16 74-0017	SY >3" To 4" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	4.30	
32 01 16 74-0018	SY >4" To 8" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	20.35	
32 01 16 74-0019	SY >4" To 8" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	10.17	

32 Exterior Improvements**32 01 Operation and Maintenance of Exterior Improvements****32 01 16 Flexible Paving Rehabilitation**
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32 01 16 74-0020	SY	>4" To 8" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	5.08
32 01 16 74-0021	SY	>4" To 8" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	4.74
32 01 16 74-0022	EA	Mobilization And Demobilization For Reclamation, Pulverizing And Blending Crew.....	1,748.35

32 01 17 Flexible Paving Repair (32 01)

See CSI section 32 12 16 00-0000 for large area resurfacing.

32 01 17 61 Sealing Cracks in Asphalt Paving (32 01 17)

Note: Includes removing loose materials and cleaning.

32 01 17 61-0001		Hot-Applied, Pourable, Self-Adhesive Asphalt Binder Compounded With Standard Weight Aggregate Longitudinal Crack And Sealing Repair <small>(32 01 17 61)</small>	
		Note: Includes removing loose materials and cleaning.	
32 01 17 61-0002	LF	Up To 200 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler.....	1.77
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	
		For 3/4" x 1/2" Fill, Add	0.52
		For 1" x 1/2" Fill, Add	0.98
		For Backer Rod, Add	1.06
32 01 17 61-0003	LF	>200 To 500 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler.....	1.45
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	
		For 3/4" x 1/2" Fill, Add	0.43
		For 1" x 1/2" Fill, Add	0.82
		For Backer Rod, Add	0.95
32 01 17 61-0004	LF	>500 To 2,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler.....	1.15
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	
		For 3/4" x 1/2" Fill, Add	0.35
		For 1" x 1/2" Fill, Add	0.66
		For Backer Rod, Add	0.84
32 01 17 61-0005	LF	>2,000 To 5,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler.....	1.00
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	
		For 3/4" x 1/2" Fill, Add	0.31
		For 1" x 1/2" Fill, Add	0.59
		For Backer Rod, Add	0.79
32 01 17 61-0006	LF	>5,000 To 10,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler.....	0.88
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	
		For 3/4" x 1/2" Fill, Add	0.27
		For 1" x 1/2" Fill, Add	0.51
		For Backer Rod, Add	0.73
32 01 17 61-0007	LF	>10,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler.....	0.82
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	
		For 3/4" x 1/2" Fill, Add	0.25
		For 1" x 1/2" Fill, Add	0.48
		For Backer Rod, Add	0.70
32 01 17 61-0008	LF	Up To 200 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler.....	3.02
32 01 17 61-0009	LF	>200 To 500 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler.....	2.43
32 01 17 61-0010	LF	>500 To 2,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler.....	1.89
32 01 17 61-0011	LF	>2,000 To 5,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler.....	1.66
32 01 17 61-0012	LF	>5,000 To 10,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler.....	1.50
32 01 17 61-0013	LF	>10,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler.....	1.39
32 01 17 61-0014	LF	For Routing And Cleaning Of Crack, Add Per 1/2" Depth.....	0.52

32 01 17 63 Flexible Pavement Repair (32 01 17)**32 01 17 63-0001 Temporary Pot Hole Repair** (32 01 17 63)

Note: Includes removal of loose material and moisture, bonding agent, compaction, safety cones and hauling up to 15 miles. Excludes signage, barricades, flagmen, field survey or marking. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

32 01 17 63-0002	EA	Temporary Pot Hole Repairs With Cold Mix Modified, Up To 3 Tons.....	1,724.98
32 01 17 63-0003	TON	Temporary Pot Hole Repairs With Cold Mix Modified.....	524.88
		Note: Use for each ton over 3 tons.	
32 01 17 63-0004	EA	Temporary Pot Hole Repairs With Cold Mix, Up To 3 Tons.....	1,636.91
32 01 17 63-0005	TON	Temporary Pot Hole Repairs With Cold Mix.....	495.53
		Note: Use for each ton over 3 tons.	
32 01 17 63-0006	EA	Temporary Pot Hole Repairs With Hot Mix Modified, Up To 3 Tons.....	1,592.88
32 01 17 63-0007	TON	Temporary Pot Hole Repairs With Hot Mix Modified.....	480.85
		Note: Use for each ton over 3 tons.	
32 01 17 63-0008	EA	Temporary Pot Hole Repairs With Hot Mix, Up To 3 Tons.....	1,548.85
32 01 17 63-0009	TON	Temporary Pot Hole Repairs With Hot Mix.....	466.17
		Note: Use for each ton over 3 tons.	

32 01 17 63-0010 Permanent Pot Hole Repair (32 01 17 63)

Note: Includes removal of loose material and moisture, saw cutting, chipping, squaring off, bonding agent, compaction and hauling up to 15 miles. Tasks do not include signage, barricades, flagmen, field survey or marking. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

32 01 17 63-0011	EA	Permanent Pot Hole Repairs With Cold Mix, Up To 3 Tons.....	1,843.42
32 01 17 63-0012	TON	Permanent Pot Hole Repairs With Cold Mix.....	599.87
		Note: Use for each ton over 3 tons.	
32 01 17 63-0013	EA	Permanent Pot Hole Repairs With Hot Mix Modified, Up To 3 Tons.....	1,799.39
32 01 17 63-0014	TON	Permanent Pot Hole Repairs With Hot Mix Modified.....	585.19
		Note: Use for each ton over 3 tons.	
32 01 17 63-0015	EA	Permanent Pot Hole Repairs With Hot Mix, Up To 3 Tons.....	1,755.36
32 01 17 63-0016	TON	Permanent Pot Hole Repairs With Hot Mix.....	570.51
		Note: Use for each ton over 3 tons.	

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32 01 17 63-0017			Grind Asphalt <small>(32 01 17 63)</small>		
32 01 17 63-0018	SY		Grinding Asphalt To Level Bump Or Raised Area.....	20.56	

32 01 17 63-0019			Asphalt Placement For Small Repairs <small>(32 01 17 63)</small>		
<small>Note: This section is used for placing up to 100 tons of asphalt after a small area of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc. Includes mobilization of paving equipment such as a roller, placing the asphalt, compaction and hauling up to 15 miles. Excludes saw cutting, demolition of existing pavement, and new subbase material. Use approximately 0.055 tons per square yard per inch of depth. See CSI section 02 41 19 13-0001 for saw cutting, 32 12 16 13-0000 for areas requiring more than 100 tons.</small>					
32 01 17 63-0020	EA		Asphalt Placement For Small Repair Areas, Cold Mix Modified, Up To 3 Tons.....	2,423.86	
<small>Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.</small>					
32 01 17 63-0021	TON		Asphalt Placement For Small Repair Areas, Cold Mix Modified	352.75	
<small>Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.</small>					
32 01 17 63-0022	EA		Asphalt Placement For Small Repair Areas, Cold Mix, Up To 3 Tons	2,335.79	
<small>Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.</small>					
32 01 17 63-0023	TON		Asphalt Placement For Small Repair Areas, Cold Mix	323.40	
<small>Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.</small>					
32 01 17 63-0024	EA		Asphalt Placement For Small Repair Areas, Hot Mix Modified, Up To 3 Tons	2,291.76	
<small>Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.</small>					
32 01 17 63-0025	TON		Asphalt Placement For Small Repair Areas, Hot Mix Modified	308.72	
<small>Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.</small>					
32 01 17 63-0026	EA		Asphalt Placement For Small Repair Areas, Hot Mix, Up To 3 Tons	2,247.73	
<small>Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.</small>					
32 01 17 63-0027	TON		Asphalt Placement For Small Repair Areas, Hot Mix	294.04	
<small>Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.</small>					

32 01 26 Rigid Paving Rehabilitation (32 01)

32 01 26 71 Grooving of Concrete Paving (32 01 26)

32 01 26 71-0001			Roadway Grooving <small>(32 01 26 71)</small>		
32 01 26 71-0002	EA		First 500 SY Of Pavement Grooving, Concrete, Longitudinal	3,986.23	
32 01 26 71-0003	SY		Each SY Over First 500 SY Of Pavement Grooving, Concrete, Longitudinal	3.69	
32 01 26 71-0004	EA		First 500 SY Of Pavement Grooving, Concrete, Traverse	4,440.80	
32 01 26 71-0005	SY		Each SY Over First 500 SY Of Pavement Grooving, Concrete, Traverse	4.81	

32 01 26 71-0006			Rumble Strips <small>(32 01 26 71)</small>		
32 01 26 71-0007	EA		First 5280 LF Of MIARDS, Rumble Strips, Asphalt.....	4,290.50	
32 01 26 71-0008	LF		Each LF Over First 5280 LF Of MIARDS, Rumble Strips, Asphalt.....	0.78	
32 01 26 71-0009	EA		First 2000 LF Of MIARDS, Rumble Strips, Concrete.....	4,781.37	
32 01 26 71-0010	LF		Each LF Over First 2000 LF Of MIARDS, Rumble Strips, Concrete.....	0.87	

32 01 26 73 Milling Of Concrete Paving (32 01 26)

32 01 26 73-0001			Removal Of Concrete <small>(32 01 26 73)</small>		
<small>Note: Includes direct loading into truck.</small>					
32 01 26 73-0002			Production Milling Of Roads And Parking Areas <small>(32 01 26 73-0001)</small>		
<small>Note: For removal of entire lanes of roads or parking areas. Includes work around man holes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0039 for hauling.</small>					
32 01 26 73-0003	SY		Production Milling Of Concrete Per Inch	6.90	
32 01 26 73-0004			Limited Production Milling <small>(32 01 26 73-0001)</small>		
<small>Note: For cross sections of roadways, trenching, partial shoulders, and other small or narrow areas. Includes work around man holes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0039 for hauling.</small>					
32 01 26 73-0005	SY		Limited Production Milling Of Concrete Per Inch	43.36	

32 01 29 Rigid Paving Repair (32 01)

32 01 29 61 Partial Depth Patching of Rigid Paving (32 01 29)

32 01 29 61-0001			Hot Applied Flexible Concrete Repair <small>(32 01 29 61)</small>		
<small>Note: Excludes saw cutting (where required), flagmen.</small>					
32 01 29 61-0002	EA		Hot Applied Flexible Concrete Repair Minimum Charge.....	1,160.71	
<small>Note: For projects where the total Hot Applied Flexible Concrete Repair In Asphaltcharge is less than the minimum charge, use task "Minimum Charge For Hot Applied Flexible Concrete Repair" exclusively. Task "Minimum Charge For Hot Applied Flexible Concrete Repair" should not be used in conjunction with any other tasks in this section.</small>					

32 Exterior Improvements
32 01 Operation and Maintenance of Exterior Improvements
32 01 29 Rigid Paving Repair

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32 01 29 61-0003	SF	Up To 2" Depth, Hot Applied Flexible Concrete Repair	66.03	
		<i>For >25 SF Quantity, Deduct</i>	-6.60	
32 01 29 61-0004	SF	>2" To 4" Depth, Hot Applied Flexible Concrete Repair	124.32	
		<i>For >25 SF Quantity, Deduct</i>	-12.43	
32 01 29 61-0005	SF	>4" To 6" Depth, Hot Applied Flexible Concrete Repair	182.09	
		<i>For >25 SF Quantity, Deduct</i>	-18.21	
32 01 29 61-0006	SF	>6" To 8" Depth, Hot Applied Flexible Concrete Repair	239.86	
		<i>For >25 SF Quantity, Deduct</i>	-23.99	
32 01 29 61-0007	SF	>8" To 10" Depth, Hot Applied Flexible Concrete Repair	297.62	
		<i>For >25 SF Quantity, Deduct</i>	-29.76	
32 01 29 61-0008	CF	>10" Depth, Hot Applied Flexible Concrete Repair	354.88	

32 01 29 61-0009 Cold Applied Flexible Concrete Repair (32 01 29 61)

32 01 29 61-0010	SF	1/8" To 1/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water)	6.36	
32 01 29 61-0011	SF	1/4" To 1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water)	9.22	
32 01 29 61-0012	SF	1/2" To 3/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water)	12.17	
32 01 29 61-0013	SF	3/4" To 1" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water)	15.23	
32 01 29 61-0014	SF	1" To 1-1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water)	21.76	
32 01 29 61-0015	SF	1/8" To 1/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R)	6.44	
32 01 29 61-0016	SF	1/4" To 1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R)	9.30	
32 01 29 61-0017	SF	1/2" To 3/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R)	12.26	
32 01 29 61-0018	SF	3/4" To 1" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R)	15.32	
32 01 29 61-0019	SF	1" To 1-1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R)	21.84	
32 01 29 61-0020	SF	1/8" To 1/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R)	6.40	
32 01 29 61-0021	SF	1/4" To 1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R)	9.26	
32 01 29 61-0022	SF	1/2" To 3/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R)	12.22	
32 01 29 61-0023	SF	3/4" To 1" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R)	15.27	
32 01 29 61-0024	SF	1" To 1-1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R)	21.80	

32 01 90 Operation and Maintenance of Planting (32 01)

Note: These tasks are to be used as requested by the owner to maintain existing conditions.

32 01 90 13 Fertilizing (32 01 90)

32 01 90 13-0001	MSF	Fertilizer - 2 LB Of Nitrogen/MSF (Granular)	14.32	
32 01 90 13-0002	MSF	Fertilizer - 2 LB Of Nitrogen/MSF (Liquid)	10.34	
32 01 90 13-0003	MSF	Fertilizer - 0.5 LB Of Nitrogen/MSF (Granular)	11.33	
32 01 90 13-0004	MSF	Fertilizer - 0.5 LB Of Nitrogen/MSF (Liquid)	9.26	

32 01 90 23 Pruning (32 01 90)

32 01 90 23-0001 Tree Pruning (32 01 90 23)

Note: Types of pruning for mature trees (these standards are established by the ISA - International Society of Arboriculture). Includes loading onto truck or dumpster.

32 01 90 23-0002 Tree Pruning; Crown Cleaning (32 01 90 23-0001)

Note: Crown cleaning or cleaning out is the removal of dead, dying, diseased, crowded, weakly attached, and low-vigor branches and waterspouts from a tree crown.

32 01 90 23-0003	EA	1-1/2" Caliper, Tree Pruning (Crown Cleaning), By Hand	29.45	
32 01 90 23-0004	EA	2" Caliper, Tree Pruning (Crown Cleaning), By Hand	33.65	
32 01 90 23-0005	EA	2-1/2" Caliper, Tree Pruning (Crown Cleaning), By Hand	37.87	
32 01 90 23-0006	EA	3" Caliper, Tree Pruning (Crown Cleaning), By Hand	42.07	
32 01 90 23-0007	EA	4" Caliper, Tree Pruning (Crown Cleaning), By Hand	63.94	
32 01 90 23-0008	EA	4" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	107.55	
32 01 90 23-0009	EA	6" Caliper, Tree Pruning (Crown Cleaning), By Hand	111.90	
32 01 90 23-0010	EA	6" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	204.85	
32 01 90 23-0011	EA	9" Caliper, Tree Pruning (Crown Cleaning), By Hand	179.19	
32 01 90 23-0012	EA	9" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	327.69	
32 01 90 23-0013	EA	12" Caliper, Tree Pruning (Crown Cleaning), By Hand	207.04	
32 01 90 23-0014	EA	12" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	378.96	
32 01 90 23-0015	EA	18" Caliper, Tree Pruning (Crown Cleaning), By Hand	240.69	
32 01 90 23-0016	EA	18" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	440.40	
32 01 90 23-0017	EA	24" Caliper, Tree Pruning (Crown Cleaning), By Hand	292.97	
32 01 90 23-0018	EA	24" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	532.68	
32 01 90 23-0019	EA	30" Caliper, Tree Pruning (Crown Cleaning), By Hand	363.94	
32 01 90 23-0020	EA	30" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	671.34	
32 01 90 23-0021	EA	36" Caliper, Tree Pruning (Crown Cleaning), By Hand	498.48	
32 01 90 23-0022	EA	36" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	909.88	
32 01 90 23-0023	EA	48" Caliper, Tree Pruning (Crown Cleaning), By Hand	790.83	
32 01 90 23-0024	EA	48" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	1,463.23	

32 01 90 23-0025 Tree Pruning; Crown Thinning (32 01 90 23-0001)

Note: Crown thinning includes crown cleaning and the selective removal of branches to increase light penetration and air movement into the crown. Increased light and air stimulates and maintains interior foliage, which in turn improves branch taper and strength. Thinning reduces the wind-sail effect of the crown and the weight of the heavy limbs. Thinning the crown can emphasize the structural beauty of the trunk and branches as well as improve the growth of plants beneath the tree by increasing light penetration. When thinning the crown of mature trees, seldom should more than one-third of the live foliage be removed. At least one-half of the foliage should be on branches that arise in the lower two-thirds of the trees. Likewise, when thinning laterals from a limb, an effort should be made to retain inner lateral branches and leave the same distribution of foliage along the branch. Trees and branches so pruned will have stress more evenly distributed throughout the tree or along a branch.

32 01 90 23-0026	EA	1-1/2" Caliper, Tree Pruning (Crown Thinning), By Hand	36.10	
32 01 90 23-0027	EA	2" Caliper, Tree Pruning (Crown Thinning), By Hand	41.23	
32 01 90 23-0028	EA	2-1/2" Caliper, Tree Pruning (Crown Thinning), By Hand	46.37	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 01 90 23-0029	EA		3" Caliper, Tree Pruning (Crown Thinning), By Hand	51.58	
32 01 90 23-0030	EA		4" Caliper, Tree Pruning (Crown Thinning), By Hand	78.34	
32 01 90 23-0031	EA		4" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	131.72	
32 01 90 23-0032	EA		6" Caliper, Tree Pruning (Crown Thinning), By Hand	137.07	
32 01 90 23-0033	EA		6" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	250.94	
32 01 90 23-0034	EA		9" Caliper, Tree Pruning (Crown Thinning), By Hand	219.53	
32 01 90 23-0035	EA		9" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	401.41	
32 01 90 23-0036	EA		12" Caliper, Tree Pruning (Crown Thinning), By Hand	253.61	
32 01 90 23-0037	EA		12" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	464.19	
32 01 90 23-0038	EA		18" Caliper, Tree Pruning (Crown Thinning), By Hand	294.83	
32 01 90 23-0039	EA		18" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	539.48	
32 01 90 23-0040	EA		24" Caliper, Tree Pruning (Crown Thinning), By Hand	358.88	
32 01 90 23-0041	EA		24" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	652.55	
32 01 90 23-0042	EA		30" Caliper, Tree Pruning (Crown Thinning), By Hand	445.79	
32 01 90 23-0043	EA		30" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	822.38	
32 01 90 23-0044	EA		36" Caliper, Tree Pruning (Crown Thinning), By Hand	610.63	
32 01 90 23-0045	EA		36" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	1,114.60	
32 01 90 23-0046	EA		48" Caliper, Tree Pruning (Crown Thinning), By Hand	968.75	
32 01 90 23-0047	EA		48" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	1,792.45	

32 01 90 23-0048

Tree Pruning; Crown Raising (32 01 90 23-0001)

Note: Crown raising removes the lower branches of a tree in order to provide clearance for buildings, vehicles, pedestrians, and vistas. It is important that a tree have at least one-half of its foliage on branches that originate in the lower two-thirds of its trunk to ensure a well-formed, tapered structure and to uniformly distribute stress within a tree. When pruning for view, it is preferable to develop "windows" through the foliage of the tree, rather than to severely raise or reduce the crown.

32 01 90 23-0049	EA		1-1/2" Caliper, Tree Pruning (Crown Raising), By Hand	39.80	
32 01 90 23-0050	EA		2" Caliper, Tree Pruning (Crown Raising), By Hand	45.44	
32 01 90 23-0051	EA		2-1/2" Caliper, Tree Pruning (Crown Raising), By Hand	51.16	
32 01 90 23-0052	EA		3" Caliper, Tree Pruning (Crown Raising), By Hand	56.80	
32 01 90 23-0053	EA		4" Caliper, Tree Pruning (Crown Raising), By Hand	86.33	
32 01 90 23-0054	EA		4" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	145.24	
32 01 90 23-0055	EA		6" Caliper, Tree Pruning (Crown Raising), By Hand	151.04	
32 01 90 23-0056	EA		6" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	276.55	
32 01 90 23-0057	EA		9" Caliper, Tree Pruning (Crown Raising), By Hand	241.91	
32 01 90 23-0058	EA		9" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	442.38	
32 01 90 23-0059	EA		12" Caliper, Tree Pruning (Crown Raising), By Hand	279.52	
32 01 90 23-0060	EA		12" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	511.62	
32 01 90 23-0061	EA		18" Caliper, Tree Pruning (Crown Raising), By Hand	324.96	
32 01 90 23-0062	EA		18" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	594.59	
32 01 90 23-0063	EA		24" Caliper, Tree Pruning (Crown Raising), By Hand	395.56	
32 01 90 23-0064	EA		24" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	719.13	
32 01 90 23-0065	EA		30" Caliper, Tree Pruning (Crown Raising), By Hand	491.32	
32 01 90 23-0066	EA		30" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	906.26	
32 01 90 23-0067	EA		36" Caliper, Tree Pruning (Crown Raising), By Hand	672.98	
32 01 90 23-0068	EA		36" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	1,228.29	
32 01 90 23-0069	EA		48" Caliper, Tree Pruning (Crown Raising), By Hand	1,067.62	
32 01 90 23-0070	EA		48" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	1,975.39	

32 01 90 23-0071

Tree Pruning; Crown Reduction (32 01 90 23-0001)

Note: Crown reduction is used to reduce the height and/or spread of a tree. Thinning cuts are most effective in maintaining the structural integrity and natural form of a tree and in delaying the time when it will need to be pruned again. The lateral to which a branch or trunk is cut should be at least one-half the diameter of the cut being made.

32 01 90 23-0072	EA		1-1/2" Caliper, Tree Pruning (Crown Reduction), By Hand	42.75	
32 01 90 23-0073	EA		2" Caliper, Tree Pruning (Crown Reduction), By Hand	48.80	
32 01 90 23-0074	EA		2-1/2" Caliper, Tree Pruning (Crown Reduction), By Hand	54.95	
32 01 90 23-0075	EA		3" Caliper, Tree Pruning (Crown Reduction), By Hand	61.00	
32 01 90 23-0076	EA		4" Caliper, Tree Pruning (Crown Reduction), By Hand	92.72	
32 01 90 23-0077	EA		4" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	156.00	
32 01 90 23-0078	EA		6" Caliper, Tree Pruning (Crown Reduction), By Hand	162.23	
32 01 90 23-0079	EA		6" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	297.04	
32 01 90 23-0080	EA		9" Caliper, Tree Pruning (Crown Reduction), By Hand	259.83	
32 01 90 23-0081	EA		9" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	475.15	
32 01 90 23-0082	EA		12" Caliper, Tree Pruning (Crown Reduction), By Hand	300.22	
32 01 90 23-0083	EA		12" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	549.52	
32 01 90 23-0084	EA		18" Caliper, Tree Pruning (Crown Reduction), By Hand	349.03	
32 01 90 23-0085	EA		18" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	638.63	
32 01 90 23-0086	EA		24" Caliper, Tree Pruning (Crown Reduction), By Hand	424.84	
32 01 90 23-0087	EA		24" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	772.39	
32 01 90 23-0088	EA		30" Caliper, Tree Pruning (Crown Reduction), By Hand	527.74	
32 01 90 23-0089	EA		30" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	973.46	
32 01 90 23-0090	EA		36" Caliper, Tree Pruning (Crown Reduction), By Hand	722.79	
32 01 90 23-0091	EA		36" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	1,319.35	
32 01 90 23-0092	EA		48" Caliper, Tree Pruning (Crown Reduction), By Hand	1,146.71	
32 01 90 23-0093	EA		48" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	2,121.65	

32 01 90 23-0094

Tree Pruning; Crown Restoration (32 01 90 23-0001)

Note: Crown restoration can improve the structure and appearance of trees that have been topped or severely pruned using heading cuts. One to three sprouts on main branch stubs should be selected to reform a more natural appearing crown. Selected vigorous sprouts may need to be thinned to a lateral, or even headed, to control length growth in order to ensure adequate attachment for the size of the sprout. Restoration may require several pruning's over a number of years.

32 Exterior Improvements**32 01 Operation and Maintenance of Exterior Improvements****32 01 90 Operation and Maintenance of Planting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 01 90 23-0095	EA	1-1/2" Caliper, Tree Pruning (Crown Restoration), By Hand.....	49.06
32 01 90 23-0096	EA	2" Caliper, Tree Pruning (Crown Restoration), By Hand.....	56.13
32 01 90 23-0097	EA	2-1/2" Caliper, Tree Pruning (Crown Restoration), By Hand.....	63.11
32 01 90 23-0098	EA	3" Caliper, Tree Pruning (Crown Restoration), By Hand.....	70.09
32 01 90 23-0099	EA	4" Caliper, Tree Pruning (Crown Restoration), By Hand.....	106.52
32 01 90 23-0100	EA	4" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment.....	179.24
32 01 90 23-0101	EA	6" Caliper, Tree Pruning (Crown Restoration), By Hand.....	186.46
32 01 90 23-0102	EA	6" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment.....	341.39
32 01 90 23-0103	EA	9" Caliper, Tree Pruning (Crown Restoration), By Hand.....	298.63
32 01 90 23-0104	EA	9" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment.....	546.14
32 01 90 23-0105	EA	12" Caliper, Tree Pruning (Crown Restoration), By Hand.....	345.07
32 01 90 23-0106	EA	12" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment.....	631.55
32 01 90 23-0107	EA	18" Caliper, Tree Pruning (Crown Restoration), By Hand.....	401.11
32 01 90 23-0108	EA	18" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment.....	733.98
32 01 90 23-0109	EA	24" Caliper, Tree Pruning (Crown Restoration), By Hand.....	488.28
32 01 90 23-0110	EA	24" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment.....	887.83
32 01 90 23-0111	EA	30" Caliper, Tree Pruning (Crown Restoration), By Hand.....	606.59
32 01 90 23-0112	EA	30" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment.....	1,118.90
32 01 90 23-0113	EA	36" Caliper, Tree Pruning (Crown Restoration), By Hand.....	830.83
32 01 90 23-0114	EA	36" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment.....	1,516.52
32 01 90 23-0115	EA	48" Caliper, Tree Pruning (Crown Restoration), By Hand.....	1,318.03
32 01 90 23-0116	EA	48" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment.....	2,438.76

32 01 90 23-0117 Shrub Pruning (32 01 90 23)

32 01 90 23-0118	MSF	Shrub Pruning, Prune, Shrub Bed.....	95.88
32 01 90 23-0119	EA	Shrub Pruning, Prune, Shrub Under 3' Height.....	3.37
32 01 90 23-0120	EA	Shrub Pruning, Prune, Shrub 4' Height.....	7.57
32 01 90 23-0121	EA	Shrub Pruning, Prune, Shrub Over 6'.....	13.46
32 01 90 23-0122	EA	Shrub Pruning, Prune Trees From Ground.....	33.65
32 01 90 23-0123	EA	Shrub Pruning, Prune Trees From Ground, High Work.....	84.14

32 01 90 23-0124 Root Pruning (32 01 90 23)

Note: Cut roots cleanly after excavation with clean, sharp tools, to promote callus formation and wound closure. Wounds to be dressed with a tree rooting hormone compound. Mix soil improvements (e.g., peat moss) with fill soil to promote new root growth. Backfill the excavation and water the soil around the roots to avoid leaving air pockets.

32 01 90 23-0125	EA	Root Pruning, One Side Of Up To 1-1/2" Caliper Tree.....	16.83
32 01 90 23-0126	EA	Root Pruning, One Side Of 2" Caliper Tree.....	21.04
32 01 90 23-0127	EA	Root Pruning, One Side Of 2-1/2" Caliper Tree.....	25.24
32 01 90 23-0128	EA	Root Pruning, One Side Of 3" Caliper Tree.....	33.65
32 01 90 23-0129	EA	Root Pruning, One Side Of 4" Caliper Tree.....	50.49
32 01 90 23-0130	EA	Root Pruning, One Side Of >4" To 6" Caliper Tree.....	63.11
32 01 90 23-0131	EA	Root Pruning, One Side Of >6" To 9" Caliper Tree.....	88.35
32 01 90 23-0132	EA	Root Pruning, One Side Of >9" To 12" Caliper Tree.....	100.97
32 01 90 23-0133	EA	Root Pruning, One Side Of >12" To 18" Caliper Tree.....	117.80
32 01 90 23-0134	EA	Root Pruning, One Side Of >18" To 24" Caliper Tree.....	147.25
32 01 90 23-0135	EA	Root Pruning, One Side Of >24" To 30" Caliper Tree.....	180.91
32 01 90 23-0136	EA	Root Pruning, One Side Of >30" To 36" Caliper Tree.....	210.35
32 01 90 23-0137	EA	Root Pruning, One Side Of >36" To 42" Caliper Tree.....	231.40
32 01 90 23-0138	EA	Root Pruning, One Side Of >42" To 48" Caliper Tree.....	252.43

32 01 90 26 Watering (32 01 90)

Note: Includes delivered water. Not to be used as basis if watering with irrigation system or on-site owner provided water from hose or hydrant.

32 01 90 26-0001 Watering Lawns, Plants And Trees (32 01 90 26)

Note: Includes delivered water and watering truck. Not to be used as basis if watering with irrigation system or on-site owner provided water from hose or hydrant. These tasks are to be used as requested by the owner for extended watering period for lawns, plants and trees.

32 01 90 26-0002	MSF	Watering Sod/Grass, Per Inch Of Water.....	46.16
32 01 90 26-0003	CSF	Watering Groundcover.....	7.12
32 01 90 26-0004	CSF	Watering Annuals And Perennials.....	12.58
32 01 90 26-0005	EA	Watering Trees, 1-1/2" To 5" Diameter By Hand.....	24.28
32 01 90 26-0006	EA	Watering Trees, 6" To 12" Diameter By Hand.....	31.91
32 01 90 26-0007	EA	Watering Trees, 13" To 18" Diameter By Hand.....	39.54
32 01 90 26-0008	EA	Watering Trees, >18" Diameter By Hand.....	48.68
32 01 90 26-0009	EA	Watering Shrub Or Bush By Hand.....	12.20

32 01 90 36 Weed and Brush Control (32 01 90)**32 01 90 36-0001 Herbicide, Push Or Hand Spreader Applied** (32 01 90 36)

32 01 90 36-0002	MSF	Non-Selective Post Emergent Weed Herbicide (70.4 oz/acre or 1.62 oz/MSF).....	7.82
		For >45 To 90, Deduct.....	-0.43
		For >90 To 225, Deduct.....	-1.21
		For >225 To 870, Deduct.....	-1.99
		For >870, Deduct.....	-2.42
32 01 90 36-0003	MSF	Non-Selective Post Emergent Woody Brush And Tree Herbicide (128 oz/acre or 2.94 oz/MSF).....	8.46
		For >45 To 90, Deduct.....	-0.49
		For >90 To 225, Deduct.....	-1.34
		For >225 To 870, Deduct.....	-2.19
		For >870, Deduct.....	-2.68

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 01 90 36-004	MSF Selective Weed Herbicide (56 oz/Acre or 1.28 oz/MSF).....	8.42	
	Note: Includes pre and post emergent.		
	For >45 To 90, Deduct	-0.49	
	For >90 To 225, Deduct	-1.33	
	For >225 To 870, Deduct	-2.17	
	For >870, Deduct	-2.66	
32 01 90 36-005	MSF Selective Woody Brush And Tree Herbicide (72 oz/acre or 1.65 oz/MSF)	8.81	
	Note: Includes pre and post emergents.		
	For >45 To 90, Deduct	-0.53	
	For >90 To 225, Deduct	-1.41	
	For >225 To 870, Deduct	-2.29	
	For >870, Deduct	-2.82	

32 01 90 39 Pesticides (32 01 90)

32 01 90 39-0001	MSF Pesticide - Surface Eating	10.79	
32 01 90 39-0002	MSF Pesticide - Subsurface Eating.....	10.83	
32 01 90 39-0003	MSF Pesticide - Fungicide Application	11.76	

32 10 Bases, Ballasts, and Paving (32)
32 11 Base Courses (32 10)
32 11 16 Subbase Courses (32 11)
32 11 16 16 Aggregate Subbase Courses (32 11 16)
32 11 16 16-0001 Base And Subbase Courses For Roadways And Parking Areas (32 11 16 16)

Note: Includes 3/4" To 1-1/2" aggregate material, hauling up to 15 miles, dumping, spreading, grading, compacting and watering. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

32 11 16 16-0002 Base And Subbase Courses By The CY (32 11 16 16-0001)

32 11 16 16-0003	CY Class II Graded Crushed Aggregate Roadway Base Course	91.58	
32 11 16 16-0004	CY Class III Graded Crushed Aggregate Roadway Base Course	88.43	

32 11 16 16-0005 Class II Base Courses By The SY (32 11 16 16-0001)

32 11 16 16-0006	SY 2" Class II Graded Crushed Aggregate Base Course	5.05	
	For Up To 500, Add	1.32	
	For >500 To 1,000, Add	0.51	
	For >5,000 To 10,000, Deduct	-0.19	
	For >10,000, Deduct	-0.33	
32 11 16 16-0007	SY 4" Class II Crushed Aggregate Base Course	10.09	
	For Up To 500, Add	2.64	
	For >500 To 1,000, Add	1.01	
	For >5,000 To 10,000, Deduct	-0.38	
	For >10,000, Deduct	-0.66	
32 11 16 16-0008	SY 6" Class II Crushed Aggregate Base Course	15.14	
	For Up To 500, Add	3.96	
	For >500 To 1,000, Add	1.51	
	For >5,000 To 10,000, Deduct	-0.58	
	For >10,000, Deduct	-0.98	
32 11 16 16-0009	SY 9" Class II Crushed Aggregate Base Course	22.69	
	For Up To 500, Add	5.94	
	For >500 To 1,000, Add	2.27	
	For >5,000 To 10,000, Deduct	-0.86	
	For >10,000, Deduct	-1.47	
32 11 16 16-0010	SY 12" Class II Crushed Aggregate Base Course	30.26	
	For Up To 500, Add	7.92	
	For >500 To 1,000, Add	3.03	
	For >5,000 To 10,000, Deduct	-1.15	
	For >10,000, Deduct	-1.97	

32 11 23 Aggregate Base Courses (32 11)
32 11 23 16 Aggregate Base Courses (32 11 23)
32 11 23 16-0001 Base Courses For Sidewalk (Asphalt Or Concrete) (32 11 23 16)

Note: Includes material, hauling up to 15 miles, placement, spreading, grading, and compaction. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

32 11 23 16-0002	SF 2" Crushed Aggregate Base Course For Sidewalks	0.62	
	For Up To 1,000, Add	0.17	
	For >1,000 To 2,500, Add	0.06	
32 11 23 16-0003	SF 3" Crushed Aggregate Base Course For Sidewalks	0.87	
	For Up To 1,000, Add	0.24	
	For >1,000 To 2,500, Add	0.09	
32 11 23 16-0004	SF 4" Crushed Aggregate Base Course For Sidewalks	1.13	
	For Up To 1,000, Add	0.32	
	For >1,000 To 2,500, Add	0.11	
32 11 23 16-0005	SF 5" Crushed Aggregate Base Course For Sidewalks	1.46	
	For Up To 1,000, Add	0.41	
	For >1,000 To 2,500, Add	0.15	
32 11 23 16-0006	SF 6" Crushed Aggregate Base Course For Sidewalks	1.80	
	For Up To 1,000, Add	0.50	
	For >1,000 To 2,500, Add	0.18	
32 11 23 16-0007	SF 7" Crushed Aggregate Base Course For Sidewalks	2.07	
	For Up To 1,000, Add	0.58	
	For >1,000 To 2,500, Add	0.21	

32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 11 Base Courses**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 11 23 16-0008	SF	8" Crushed Aggregate Base Course For Sidewalks	2.35
		<i>For Up To 1,000, Add</i>	0.66
		<i>For >1,000 To 2,500, Add</i>	0.24

32 11 26 Asphaltic Base Courses (32 11)**32 11 26 19 Bituminous-Stabilized Base Courses (32 11 26)****32 11 26 19-0001 Bituminous-Stabilized Base Courses (32 11 26 19)**

32 11 26 19-0002	CY	Bituminous Stabilized Base Course	120.76
		Note: 3/4" ASTM C33.	

32 12 Flexible Paving (32 10)**32 12 13 Preparatory Coats (32 12)****32 12 13 13 Tack Coats (32 12 13)**

32 12 13 13-0001	SY	Tack Coat, 0.04 Gallon/SY	0.69
		<i>For Up To 150, Add</i>	0.14
		<i>For >150 To 300, Add</i>	0.07
		<i>For >300 To 500, Add</i>	0.03
		<i>For >3,500 To 5,000, Deduct</i>	-0.02
		<i>For >5,000, Deduct</i>	-0.04
32 12 13 13-0002	SY	Tack Coat, 0.05 Gallon/SY	0.78
		<i>For Up To 150, Add</i>	0.16
		<i>For >150 To 300, Add</i>	0.08
		<i>For >300 To 500, Add</i>	0.04
		<i>For >3,500 To 5,000, Deduct</i>	-0.02
		<i>For >5,000, Deduct</i>	-0.05
32 12 13 13-0003	SY	Tack Coat, 0.07 Gallon/SY	0.95
		<i>For Up To 150, Add</i>	0.20
		<i>For >150 To 300, Add</i>	0.10
		<i>For >300 To 500, Add</i>	0.05
		<i>For >3,500 To 5,000, Deduct</i>	-0.02
		<i>For >5,000, Deduct</i>	-0.06
32 12 13 13-0004	SY	Tack Coat, 0.08 Gallon/SY	1.03
		<i>For Up To 150, Add</i>	0.22
		<i>For >150 To 300, Add</i>	0.10
		<i>For >300 To 500, Add</i>	0.05
		<i>For >3,500 To 5,000, Deduct</i>	-0.03
		<i>For >5,000, Deduct</i>	-0.07
32 12 13 13-0005	SY	Tack Coat, 0.10 Gallon/SY	1.20
		<i>For Up To 150, Add</i>	0.27
		<i>For >150 To 300, Add</i>	0.12
		<i>For >300 To 500, Add</i>	0.06
		<i>For >3,500 To 5,000, Deduct</i>	-0.03
		<i>For >5,000, Deduct</i>	-0.08
32 12 13 13-0006	SY	Tack Coat, 0.11 Gallon/SY	1.29
		<i>For Up To 150, Add</i>	0.29
		<i>For >150 To 300, Add</i>	0.13
		<i>For >300 To 500, Add</i>	0.06
		<i>For >3,500 To 5,000, Deduct</i>	-0.03
		<i>For >5,000, Deduct</i>	-0.09

32 12 13 19 Prime Coats (32 12 13)

32 12 13 19-0001	SY	Surface Prime Coat, 0.26 Gallon/SY	2.21
		<i>For Up To 150, Add</i>	0.51
		<i>For >150 To 300, Add</i>	0.22
		<i>For >300 To 500, Add</i>	0.11
		<i>For >3,500 To 5,000, Deduct</i>	-0.06
		<i>For >5,000, Deduct</i>	-0.16
32 12 13 19-0002	SY	Surface Prime Coat, 0.28 Gallon/SY	2.35
		<i>For Up To 150, Add</i>	0.54
		<i>For >150 To 300, Add</i>	0.24
		<i>For >300 To 500, Add</i>	0.12
		<i>For >3,500 To 5,000, Deduct</i>	-0.06
		<i>For >5,000, Deduct</i>	-0.17
32 12 13 19-0003	SY	Surface Prime Coat, 0.30 Gallon/SY	2.49
		<i>For Up To 150, Add</i>	0.58
		<i>For >150 To 300, Add</i>	0.25
		<i>For >300 To 500, Add</i>	0.12
		<i>For >3,500 To 5,000, Deduct</i>	-0.06
		<i>For >5,000, Deduct</i>	-0.18

32 12 16 Asphalt Paving (32 12)**32 12 16 13 Plant-Mix Asphalt Paving (32 12 16)**

Note: Includes delivery up to 15 miles, placement, rolling, finishing and sweeping. Excludes base, tack or price coat, seal coats and roadway fabrics (where required). See CSI section 01 74 19 00-0039 for hauling greater than 15 miles, 32 11 00 00-0000 for base courses, 32 12 13 13-0000 for tack coats, 32 12 13 19-0000 for prime coats, 32 12 16 39-0000 for roadway fabrics, 32 12 36 00-0000 for seal coats.

32 12 16 13-0001 Intermediate Binder Courses, Hot Mix Asphalt (HMA) (32 12 16 13)

Note: Meets Caltrans requirements.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 12 16 13-0002	TON		Bituminous Hot Mix Intermediate Binder Course 3,954 LB/CY.....	166.21	
			Note: Includes Type A and Type B with 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping. Used for applications not described elsewhere in this section.		
			For Warm Mix Additive, Add	8.77	
			For Up To 25, Add	22.26	
			For >25 To 50, Add	12.23	
			For >500 To 1,000, Deduct	-7.19	
			For >1,000 To 2,500, Deduct	-13.03	
			For >2,500 To 5,000, Deduct	-20.21	
			For >5,000, Deduct	-28.97	
32 12 16 13-0003	SY		1" Thick Bituminous Hot Mix Intermediate Binder Course	9.38	
			Note: Includes placement, rolling, finishing and sweeping.		
			For Up To 1,000, Add	1.29	
			For >1,000 To 2,000, Add	0.72	
			For >10,000 To 20,000, Deduct	-0.41	
			For >20,000 To 50,000, Deduct	-0.75	
			For >50,000 To 100,000, Deduct	-1.15	
			For >100,000, Deduct	-1.66	
32 12 16 13-0004	SY		1-1/2" Thick Bituminous Hot Mix Intermediate Binder Course	13.96	
			Note: Includes placement, rolling, finishing and sweeping.		
			For Up To 700, Add	1.91	
			For >700 To 1,400, Add	1.05	
			For >7,000 To 14,000, Deduct	-0.61	
			For >14,000 To 32,000, Deduct	-1.11	
			For >32,000 To 64,000, Deduct	-1.73	
			For >64,000, Deduct	-2.48	
32 12 16 13-0005	SY		2" Thick Bituminous Hot Mix Intermediate Binder Course	18.09	
			Note: Includes placement, rolling, finishing and sweeping.		
			For Up To 500, Add	2.40	
			For >500 To 1,000, Add	1.31	
			For >5,000 To 10,000, Deduct	-0.81	
			For >10,000 To 24,000, Deduct	-1.46	
			For >24,000 To 48,000, Deduct	-2.27	
			For >48,000, Deduct	-3.26	
32 12 16 13-0006	SY		2-1/2" Thick Bituminous Hot Mix Intermediate Binder Course	22.81	
			Note: Includes placement, rolling, finishing and sweeping.		
			For Up To 400, Add	3.06	
			For >400 To 800, Add	1.68	
			For >4,000 To 8,000, Deduct	-1.01	
			For >8,000 To 20,000, Deduct	-1.84	
			For >20,000 To 40,000, Deduct	-2.85	
			For >40,000, Deduct	-4.09	
32 12 16 13-0007	SY		3" Thick Bituminous Hot Mix Intermediate Binder Course	27.37	
			Note: Includes placement, rolling, finishing and sweeping.		
			For Up To 340, Add	3.67	
			For >340 To 680, Add	3.12	
			For >3,400 To 6,800, Deduct	-1.21	
			For >6,800 To 17,000, Deduct	-2.21	
			For >17,000 To 34,000, Deduct	-3.42	
			For >34,000, Deduct	-4.91	
32 12 16 13-0008	SY		3-1/2" Thick Bituminous Hot Mix Intermediate Binder Course	31.94	
			Note: Includes placement, rolling, finishing and sweeping.		
			For Up To 280, Add	4.28	
			For >280 To 560, Add	2.35	
			For >2,800 To 5,600, Deduct	-1.42	
			For >5,600 To 14,000, Deduct	-2.57	
			For >14,000 To 28,000, Deduct	-3.99	
			For >28,000, Deduct	-5.73	
32 12 16 13-0009	SY		4" Thick Bituminous Hot Mix Intermediate Binder Course	36.50	
			Note: Includes placement, rolling, finishing and sweeping.		
			For Up To 250, Add	4.89	
			For >250 To 500, Add	2.69	
			For >2,500 To 5,000, Deduct	-1.62	
			For >5,000 To 12,000, Deduct	-2.94	
			For >12,000 To 24,000, Deduct	-4.56	
			For >24,000, Deduct	-6.54	
32 12 16 13-0010	SY		5" Thick Bituminous Hot Mix Intermediate Binder Course	45.63	
			Note: Includes placement, rolling, finishing and sweeping.		
			For Up To 200, Add	6.11	
			For >200 To 400, Add	3.36	
			For >2,000 To 4,000, Deduct	-2.02	
			For >4,000 To 10,000, Deduct	-3.68	
			For >10,000 To 20,000, Deduct	-5.70	
			For >20,000, Deduct	-8.18	
32 12 16 13-0011	SY		6" Thick Bituminous Hot Mix Intermediate Binder Course	54.76	
			Note: Includes placement, rolling, finishing and sweeping.		
			For Up To 160, Add	7.34	
			For >160 To 320, Add	4.03	
			For >1,600 To 3,200, Deduct	-2.43	
			For >3,200 To 8,000, Deduct	-4.41	
			For >8,000 To 16,000, Deduct	-6.84	
			For >16,000, Deduct	-9.82	

32 12 16 13-0012 Surface Wearing Courses, Hot Mix Asphalt (HMA) (32 12 16 13)
 Note: Meets Caltrans requirements.

32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 12 Flexible Paving**
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32 12 16 13-0013	TON Bituminous Hot Mix Surface Course 3954 LB/CY	167.88	
	Note: Includes Type A and Type B with 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping. Used for applications not described elsewhere in this section.		
	For PG64-10 Asphalt, Add	3.22	
	For Warm Mix Additive, Add	8.37	
	For Up To 25, Add	23.84	
	For >25 To 50, Add	13.29	
	For >500 To 1,000, Deduct	-6.99	
	For >1,000 To 2,500, Deduct	-12.70	
	For >2,500 To 5,000, Deduct	-19.69	
	For >5,000, Deduct	-28.24	
32 12 16 13-0014	TON Tire Rubber Modified Paving Asphalt (TRMAC) Surface Course (MAC-15TR)	185.99	
	Note: Includes 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping.		
	For Warm Mix Additive, Add	9.12	
	For Up To 25, Add	26.83	
	For >25 To 50, Add	15.01	
	For >500 To 1,000, Deduct	-7.66	
32 12 16 13-0015	TON Asphalt Rubberized Hot Mix (ARHM) Surface Course	198.86	
	Note: Includes 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping.		
	For Warm Mix Additive, Add	9.95	
	For Up To 25, Add	28.11	
	For >25 To 50, Add	15.66	
	For >500 To 1,000, Deduct	-8.31	
	For >1,000 To 2,500, Deduct	-15.08	
	For >2,500 To 5,000, Deduct	-23.39	
	For >5,000, Deduct	-33.55	
32 12 16 13-0016	SY 1" Thick Bituminous Hot Mix Surface Wearing Course	9.12	
	Note: Includes placement, rolling, finishing and sweeping.		
	For PG64-10 Asphalt, Add	0.17	
	For Up To 1,000, Add	1.34	
	For >1,000 To 2,000, Add	0.75	
	For >10,000 To 20,000, Deduct	-0.38	
	For >20,000 To 50,000, Deduct	-0.70	
	For >50,000 To 100,000, Deduct	-1.09	
	For >100,000, Deduct	-1.56	
32 12 16 13-0017	SY 1-1/2" Thick Bituminous Hot Mix Surface Wearing Course	13.50	
	Note: Includes placement, rolling, finishing and sweeping.		
	For PG64-10 Asphalt, Add	0.25	
	For Up To 700, Add	1.96	
	For >700 To 1,400, Add	1.10	
	For >7,000 To 14,000, Deduct	-0.57	
	For >14,000 To 32,000, Deduct	-1.05	
	For >32,000 To 64,000, Deduct	-1.62	
	For >64,000, Deduct	-2.33	
32 12 16 13-0018	SY 2" Thick Bituminous Hot Mix Surface Wearing Course	17.41	
	Note: Includes placement, rolling, finishing and sweeping.		
	For PG64-10 Asphalt, Add	0.34	
	For Up To 500, Add	2.45	
	For >500 To 1,000, Add	1.36	
	For >5,000 To 10,000, Deduct	-0.75	
	For >10,000 To 24,000, Deduct	-1.37	
	For >24,000 To 48,000, Deduct	-2.12	
	For >48,000, Deduct	-3.05	
32 12 16 13-0019	SY 2-1/2" Thick Bituminous Hot Mix Surface Wearing Course	21.99	
	Note: Includes placement, rolling, finishing and sweeping.		
	For PG64-10 Asphalt, Add	0.42	
	For Up To 400, Add	3.12	
	For >400 To 800, Add	1.74	
	For >4,000 To 8,000, Deduct	-0.95	
	For >8,000 To 20,000, Deduct	-1.72	
	For >20,000 To 40,000, Deduct	-2.67	
	For >40,000, Deduct	-3.83	
32 12 16 13-0020	SY 3" Thick Bituminous Hot Mix Surface Wearing Course	26.40	
	Note: Includes placement, rolling, finishing and sweeping.		
	For PG64-10 Asphalt, Add	0.51	
	For Up To 340, Add	3.75	
	For >340 To 680, Add	3.10	
	For >3,400 To 6,800, Deduct	-1.14	
	For >6,800 To 17,000, Deduct	-2.07	
	For >17,000 To 34,000, Deduct	-3.20	
	For >34,000, Deduct	-4.60	
32 12 16 13-0021	CSF Type F Asphalt Surface Cap 1/8" To 1/4" Thick For Use Only On Top Concrete Filled Trench	91.93	

32 12 16 13-0022 Hand Placed, Hot Mix Asphalt (HMA) (32 12 16 13)

32 12 16 13-0023	TON Hand Placed Hot Mixed Asphalt 3,954 LB/CY	390.34
	Note: For small areas not reachable by machine. Includes placement, rolling, finishing and sweeping.	

32 12 16 19 Cold-Mix Asphalt Paving (32 12 16)

Note: 0.5 Gal asphalt/SY per inch depth; well graded granular aggregate.

32 12 16 19-0001 Cold Mix Asphalt (CMA) Pavement (32 12 16 19)

Note: 0.5 Gal asphalt/SY per inch depth; well graded granular aggregate.

32 12 16 19-0002	SY Cold Laid Asphalt Pavement, Traveling Plant Mixed In Windrows, Compacted 4" Course	14.75
32 12 16 19-0003	SY Cold Laid Asphalt Pavement, Rotary Plant Mixed In Place, Compacted 4" Course	14.39
32 12 16 19-0004	SY Cold Laid Asphalt Pavement, Central Stationary Plant, Mixed, Compacted 4" Course	23.66

32 12 16 39 Paving Fabrics (32 12 16)

See CSI section 31 32 19 16-0000 for geotextile fabric.

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32 12 16 39-0001	Geotextile Paving Fabrics <small>(32 12 16 39)</small>				
32 12 16 39-0002	SY		3.6 Ounce/SY, 90 LB Grab Tensile Nonwoven Polypropylene Geotextile Paving Fabric (Carthage Mills FX-38A/O).....	2.15	
			<i>For Up To 50, Add</i>	0.47	
			<i>For >50 To 150, Add</i>	0.35	
			<i>For >150 To 250, Add</i>	0.23	
			<i>For >250 To 500, Add</i>	0.11	
32 12 16 39-0003	SY		4.1 Ounce/SY, 101 LB Grab Tensile Nonwoven Polypropylene Geotextile Paving Fabric (Carthage Mills FX-42 A/O).....	2.32	
			<i>For Up To 50, Add</i>	0.50	
			<i>For >50 To 150, Add</i>	0.37	
			<i>For >150 To 250, Add</i>	0.25	
			<i>For >250 To 500, Add</i>	0.12	

32 12 16 43 Waterproofing Membranes (32 12 16)

32 12 16 43-0001	Waterproofing Membranes <small>(32 12 16 43)</small>				
32 12 16 43-0002	SY		Up To 500 SY, Preformed Rubberized Asphalt Membrane	37.90	
32 12 16 43-0003	SY		>500 To 1,000 SY, Preformed Rubberized Asphalt Membrane.....	28.57	
32 12 16 43-0004	SY		>1,000 SY, Preformed Rubberized Asphalt Membrane.....	18.01	

32 12 33 Flexible Paving Surface Treatments (32 12)

32 12 33 00-0001	Bituminous Surface Treatment For Roadways <small>(32 12 33)</small>				
			Note: 0.25 Gal bitumen per SY and 30 lb of gravel/SY.		
32 12 33 00-0002	SY		Single Course Bituminous Treatment, Prepare And Clean Surface Roadway.....	3.48	
32 12 33 00-0003	SY		Double Course Bituminous Treatment, Prepare And Clean Surface Roadway	6.22	

32 12 33 00-0004 Bituminous Surface Treatment For Trails (32 12 33)

			Note: 0.25 Gal bitumen per SY and 20 lb of gravel/SY.		
32 12 33 00-0005	SY		Bituminous Surface Treatment, For Trails	2.40	

32 12 36 Seal Coats (32 12)

See CSI section 32 01 13 62-0000 for slurry seal.

32 12 36 13 Asphaltic Seal and Fog Coats (32 12 36)

32 12 36 13-0001	Asphalt Emulsion Seal Coat (Chip Seal) <small>(32 12 36 13)</small>				
			Note: Includes initial sweeping prior to placement, cleaning of area, rolling and final sweeping. Excludes crack repair, fog sealer, and any additional consecutive days sweeping following final sweeping.		
32 12 36 13-0002	Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) <small>(32 12 36 13-0001)</small>				
			Note: 12 to 20 Pounds Per SY of 1/4" No. 10 with 0.15 to 0.30 gallons asphalt emulsion per SY.		
32 12 36 13-0003	SY		Up To 200 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	4.85	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.50	
32 12 36 13-0004	SY		>200 To 500 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	4.38	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.50	
32 12 36 13-0005	SY		>500 To 1,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	4.17	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.50	
32 12 36 13-0006	SY		>1,000 To 5,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	3.93	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.50	
32 12 36 13-0007	SY		>5,000 To 10,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	3.81	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.50	
32 12 36 13-0008	SY		>10,000 To 20,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	3.70	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.50	
32 12 36 13-0009	SY		>20,000 To 50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	3.57	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.50	
32 12 36 13-0010	SY		>50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	3.50	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.50	

32 12 36 13-0011 Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) (32 12 36 13-0001)

			Note: 16 to 25 Pounds Per SY of 5/16" No. 8 with 0.25 to 0.35 gallons asphalt emulsion per SY.		
32 12 36 13-0012	SY		Up To 200 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	5.65	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.62	
32 12 36 13-0013	SY		>200 To 500 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	5.12	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.62	
32 12 36 13-0014	SY		>500 To 1,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	4.85	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.62	
32 12 36 13-0015	SY		>1,000 To 5,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	4.71	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.62	
32 12 36 13-0016	SY		>5,000 To 10,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	4.41	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.62	
32 12 36 13-0017	SY		>10,000 To 20,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	4.23	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.62	
32 12 36 13-0018	SY		>20,000 To 50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	4.08	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.62	
32 12 36 13-0019	SY		>50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	4.00	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.62	

32 12 36 13-0020 Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) (32 12 36 13-0001)

			Note: 20 to 30 Pounds Per SY of 3/8" No. 6 with 0.25 to 0.40 gallons asphalt emulsion per SY.		
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32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 12 Flexible Paving**
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32 12 36 13-0021	SY	Up To 200 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.36
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.74
32 12 36 13-0022	SY	>200 To 500 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.75
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.74
32 12 36 13-0023	SY	>500 To 1,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.45
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.74
32 12 36 13-0024	SY	>1,000 To 5,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.11
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.74
32 12 36 13-0025	SY	>5,000 To 10,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.92
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.74
32 12 36 13-0026	SY	>10,000 To 20,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.66
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.74
32 12 36 13-0027	SY	>20,000 To 50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.48
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.74
32 12 36 13-0028	SY	>50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.39
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.74

32 12 36 13-0029 Course Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)

(32 12 36 13-0001)

Note: 23 to 35 Pounds Per SY of 1/2" No. 4 with 0.30 to 0.40 gallons asphalt emulsion per SY.

32 12 36 13-0030	SY	Up To 200 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.44
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.85
32 12 36 13-0031	SY	>200 To 500 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.83
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.85
32 12 36 13-0032	SY	>500 To 1,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.53
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.85
32 12 36 13-0033	SY	>1,000 To 5,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.19
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.85
32 12 36 13-0034	SY	>5,000 To 10,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.00
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.85
32 12 36 13-0035	SY	>10,000 To 20,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.82
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.85
32 12 36 13-0036	SY	>20,000 To 50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.56
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.85
32 12 36 13-0037	SY	>50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.47
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.85

32 12 36 13-0038 Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) (32)

(12 36 13-0001)

Note: First coat 23 to 30 Pounds Per SY of 1/2" No. 4 with 0.20 to 0.35 gallons asphalt emulsion per SY, Second coat 12 to 20 Pounds Per SY of 1/4" No. 10 with 0.20 to 0.30 gallons asphalt emulsion per SY.

32 12 36 13-0039	SY	Up To 200 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	9.69
		<i>For Each Additional 0.5% Latex Additive, Add</i>	1.23
32 12 36 13-0040	SY	>200 To 500 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	8.91
		<i>For Each Additional 0.5% Latex Additive, Add</i>	1.23
32 12 36 13-0041	SY	>500 To 1,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	8.45
		<i>For Each Additional 0.5% Latex Additive, Add</i>	1.23
32 12 36 13-0042	SY	>1,000 To 5,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	7.94
		<i>For Each Additional 0.5% Latex Additive, Add</i>	1.23
32 12 36 13-0043	SY	>5,000 To 10,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	7.67
		<i>For Each Additional 0.5% Latex Additive, Add</i>	1.23
32 12 36 13-0044	SY	>10,000 To 20,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	7.33
		<i>For Each Additional 0.5% Latex Additive, Add</i>	1.23
32 12 36 13-0045	SY	>20,000 To 50,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	7.07
		<i>For Each Additional 0.5% Latex Additive, Add</i>	1.23
32 12 36 13-0046	SY	>50,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.94
		<i>For Each Additional 0.5% Latex Additive, Add</i>	1.23

32 12 36 13-0047 Asphalt Emulsion Seal Coat (Scrub Seal) (32 12 36 13)

Note: Includes initial sweeping prior to placement, cleaning of area, towed broom sled of scrub brush and final sweeping. Excludes crack repair, fog sealer, and any additional consecutive days sweeping following final sweeping. See CSI section 32 12 36 13-0084 for fog seal.

32 12 36 13-0048 Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal) (32 12)

(36 13-0047)

Note: 12 to 20 Pounds Per SY of 1/4" No. 10 with 0.15 to 0.30 gallons asphalt emulsion per SY.

32 12 36 13-0049	SY	Up To 200 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.41
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.50
32 12 36 13-0050	SY	>200 To 500 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.14
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.50
32 12 36 13-0051	SY	>500 To 1,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	3.93
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.50
32 12 36 13-0052	SY	>1,000 To 5,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	3.73
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.50
32 12 36 13-0053	SY	>5,000 To 10,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	3.63
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.50
32 12 36 13-0054	SY	>10,000 To 20,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	3.53
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.50
32 12 36 13-0055	SY	>20,000 To 50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	3.42
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.50
32 12 36 13-0056	SY	>50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	3.38
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.50

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32 12 36 13-0057 Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal) (32 12 36 13-0047)

Note: 16 to 25 Pounds Per SY of 5/16" No. 8 with 0.25 to 0.35 gallons asphalt emulsion per SY.

32 12 36 13-0058	SY	Up To 200 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.23		
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.62		
32 12 36 13-0059	SY	>200 To 500 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.90		
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.62		
32 12 36 13-0060	SY	>500 To 1,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.69		
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.62		
32 12 36 13-0061	SY	>1,000 To 5,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.54		
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.62		
32 12 36 13-0062	SY	>5,000 To 10,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.24		
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.62		
32 12 36 13-0063	SY	>10,000 To 20,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.07		
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.62		
32 12 36 13-0064	SY	>20,000 To 50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	3.93		
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.62		
32 12 36 13-0065	SY	>50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	3.88		
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.62		

32 12 36 13-0066 Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal) (32 12 36 13-0047)

Note: 20 to 30 Pounds Per SY of 3/8" No. 6 with 0.25 to 0.40 gallons asphalt emulsion per SY.

32 12 36 13-0067	SY	Up To 200 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.99		
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.74		
32 12 36 13-0068	SY	>200 To 500 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.57		
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.74		
32 12 36 13-0069	SY	>500 To 1,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.27		
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.74		
32 12 36 13-0070	SY	>1,000 To 5,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.95		
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.74		
32 12 36 13-0071	SY	>5,000 To 10,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.76		
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.74		
32 12 36 13-0072	SY	>10,000 To 20,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.50		
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.74		
32 12 36 13-0073	SY	>20,000 To 50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.34		
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.74		
32 12 36 13-0074	SY	>50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.27		
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.74		

32 12 36 13-0075 Course Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal) (32 12 36 13-0047)

Note: 23 to 35 Pounds Per SY of 1/2" No. 4 with 0.30 to 0.40 gallons asphalt emulsion per SY.

32 12 36 13-0076	SY	Up To 200 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	6.07		
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.85		
32 12 36 13-0077	SY	>200 To 500 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.67		
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.85		
32 12 36 13-0078	SY	>500 To 1,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.35		
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.85		
32 12 36 13-0079	SY	>1,000 To 5,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.00		
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.85		
32 12 36 13-0080	SY	>5,000 To 10,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.82		
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.85		
32 12 36 13-0081	SY	>10,000 To 20,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.67		
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.85		
32 12 36 13-0082	SY	>20,000 To 50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.42		
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.85		
32 12 36 13-0083	SY	>50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.36		
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.85		

32 12 36 13-0084 Fog Seal, CQS-1h (32 12 36 13)

Note: A fog seal is a light application of diluted, slow-setting asphalt emulsion without aggregate cover. Includes sweeping and cleaning of area.

32 12 36 13-0085	SY	Up To 200 SY, CQS-1h, Fog Seal	1.79		
32 12 36 13-0086	SY	>200 To 500 SY, CQS-1h, Fog Seal	1.29		
32 12 36 13-0087	SY	>500 To 1,000 SY, CQS-1h, Fog Seal	1.09		
32 12 36 13-0088	SY	>1,000 To 5,000 SY, CQS-1h, Fog Seal	0.94		
32 12 36 13-0089	SY	>5,000 To 10,000 SY, CQS-1h, Fog Seal	0.85		
32 12 36 13-0090	SY	>10,000 To 20,000 SY, CQS-1h, Fog Seal	0.78		
32 12 36 13-0091	SY	>20,000 To 50,000 SY, CQS-1h, Fog Seal	0.72		
32 12 36 13-0092	SY	>50,000 SY, CQS-1h, Fog Seal	0.69		

32 12 36 13-0093 Sand Sealer (32 12 36 13)

Note: A sand seal is an application of asphalt binder followed by placement of a layer of sand or fine aggregate, and then rolled to embed the sand or fine aggregate into the binder. Includes sweeping and cleaning of area.

32 12 36 13-0094	SY	Up To 200 SY, Sand Seal	2.77		
32 12 36 13-0095	SY	>200 To 500 SY, Sand Seal	1.83		
32 12 36 13-0096	SY	>500 To 1,000 SY, Sand Seal	1.82		
32 12 36 13-0097	SY	>1,000 To 5,000 SY, Sand Seal	1.59		
32 12 36 13-0098	SY	>5,000 To 10,000 SY, Sand Seal	1.48		
32 12 36 13-0099	SY	>10,000 To 20,000 SY, Sand Seal	1.38		
32 12 36 13-0100	SY	>20,000 To 50,000 SY, Sand Seal	1.31		
32 12 36 13-0101	SY	>50,000 SY, Sand Seal	1.29		

32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 12 Flexible Paving**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
32 12 36 16 Coal Tar Seal Coats (32 12 36)

32 12 36 16-0001	Thermoplastic Coal-Tar Asphalt Seal (32 12 36 16)	
	Note: Includes sweeping and cleaning of area.	
32 12 36 16-0002	SY Up To 500 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	14.29
32 12 36 16-0003	SY >500 To 1,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal.....	13.42
32 12 36 16-0004	SY >1,000 To 5,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal.....	11.83
32 12 36 16-0005	SY >5,000 To 20,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal.....	10.61
32 12 36 16-0006	SY >20,000 To 50,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal.....	9.01
32 12 36 16-0007	SY >50,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal.....	7.42
32 12 36 16-0008	SY Up To 500 SY, Type II Thermoplastic Coal-Tar Asphalt Seal.....	17.33
32 12 36 16-0009	SY >500 To 1,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal.....	16.36
32 12 36 16-0010	SY >1,000 To 5,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal.....	14.46
32 12 36 16-0011	SY >5,000 To 20,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal.....	13.03
32 12 36 16-0012	SY >20,000 To 50,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal.....	11.11
32 12 36 16-0013	SY >50,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal.....	9.21

32 12 43 Porous Flexible Paving (32 12)

32 12 43 00-0001	Flexible Recycled Plastic Porous Grid (32 12 43)	
	Note: Includes sand fill in rings. Excludes base, earth work and grass or sod.	
32 12 43 00-0002	SY 1" Thick, Recycled Plastic Flexible Pavement With Sand Fill	37.75
	Note: Includes sand fill in rings. Excludes base, earth work and grass or sod. Invisible Structures, Inc.; Grasspave2.	
	For Up To 100, Add	12.59
	For >100 To 500, Add	3.15
	For >1,000 To 5,000, Deduct	-1.26
	For >5,000, Deduct	-2.64

32 12 73 Asphalt Paving Joint Sealants (32 12)

32 12 73 00-0001	Expansion Joint In Sidewalk (32 12 73)	
32 12 73 00-0002	LF For Hot Asphalt Poured Over Expansion Joint In Sidewalk	3.64

32 13 Rigid Paving (32 10)**32 13 13 Concrete Paving** (32 13)

Note: The following section includes spreading and placing delivered Portland cement concrete mix.

32 13 13 33 Plain Concrete Paving (32 13 13)

32 13 13 33-0001	Concrete Paving Assemblies (32 13 13 33)	
	Note: Includes forms, wire mesh (where necessary), two mat layers #3-#6 reinforcing rods at 12" on center with chairs (where necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float and finish. Excludes excavation, base and earthwork. Includes concrete paving machine. To be used for roadways, driveways, parking areas, or other areas of vehicular traffic. See CSI section 03 05 13 00-0001 for color additive.	
32 13 13 33-0002	4,500 PSI Concrete Paving Assembly (32 13 13 33-0001)	
32 13 13 33-0003	SY 4" 4,500 PSI Concrete Paving Assembly	61.64
	For 2,500 PSI Concrete, Deduct	-3.85
	For 3,000 PSI Concrete, Deduct	-2.51
	For 3,500 PSI Concrete, Deduct	-2.01
	For 4,000 PSI Concrete, Deduct	-0.87
	For 5,000 PSI Concrete, Add	0.54
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	4.35
	For <12' Wide Pass, Add	10.39
	For 24' Or Greater Wide Pass, Deduct	-12.33
	For Air Entrainment, Add	1.67
	For Slipforming, Deduct	-6.16
	For Up To 100, Add	23.60
	For >100 To 250, Add	13.47
	For >250 To 500, Add	6.74
	For >1,000 To 2,000, Deduct	-1.67
	For >2,000 To 5,000, Deduct	-3.21
	For >5,000 To 10,000, Deduct	-4.76
	For >10,000 To 20,000, Deduct	-6.30
	For >20,000, Deduct	-7.84

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST
32 13 13 33-0004	SY		5" 4,500 PSI Concrete Paving Assembly.....	73.31	
			For 2,500 PSI Concrete, Deduct	-4.83	
			For 3,000 PSI Concrete, Deduct	-3.15	
			For 3,500 PSI Concrete, Deduct	-2.52	
			For 4,000 PSI Concrete, Deduct	-1.09	
			For 5,000 PSI Concrete, Add	0.67	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	5.46	
			For <12' Wide Pass, Add	12.03	
			For 24' Or Greater Wide Pass, Deduct	-14.66	
			For Air Entrainment, Add	2.10	
			For Slipforming, Deduct	-7.33	
			For Up To 100, Add	27.18	
			For >100 To 250, Add	15.69	
			For >250 To 500, Add	7.85	
			For >1,000 To 2,000, Deduct	-2.10	
			For >2,000 To 5,000, Deduct	-3.93	
			For >5,000 To 10,000, Deduct	-5.77	
			For >10,000 To 20,000, Deduct	-7.60	
			For >20,000, Deduct	-9.43	
32 13 13 33-0005	SY		6" 4,500 PSI Concrete Paving Assembly.....	78.22	
			For 2,500 PSI Concrete, Deduct	-5.10	
			For 3,000 PSI Concrete, Deduct	-3.32	
			For 3,500 PSI Concrete, Deduct	-2.66	
			For 4,000 PSI Concrete, Deduct	-1.15	
			For 5,000 PSI Concrete, Add	0.71	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	5.76	
			For <12' Wide Pass, Add	12.91	
			For 24' Or Greater Wide Pass, Deduct	-15.64	
			For Air Entrainment, Add	2.22	
			For Slipforming, Deduct	-7.82	
			For Up To 100, Add	29.20	
			For >100 To 250, Add	16.82	
			For >250 To 500, Add	8.41	
			For >1,000 To 2,000, Deduct	-2.22	
			For >2,000 To 5,000, Deduct	-4.17	
			For >5,000 To 10,000, Deduct	-6.13	
			For >10,000 To 20,000, Deduct	-8.08	
			For >20,000, Deduct	-10.04	
32 13 13 33-0006	SY		7" 4,500 PSI Concrete Paving Assembly.....	93.44	
			For 2,500 PSI Concrete, Deduct	-6.43	
			For 3,000 PSI Concrete, Deduct	-4.19	
			For 3,500 PSI Concrete, Deduct	-3.35	
			For 4,000 PSI Concrete, Deduct	-1.45	
			For 5,000 PSI Concrete, Add	0.89	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	7.27	
			For <12' Wide Pass, Add	14.98	
			For 24' Or Greater Wide Pass, Deduct	-18.69	
			For Air Entrainment, Add	2.79	
			For Slipforming, Deduct	-9.34	
			For Up To 100, Add	33.71	
			For >100 To 250, Add	19.65	
			For >250 To 500, Add	9.82	
			For >1,000 To 2,000, Deduct	-2.79	
			For >2,000 To 5,000, Deduct	-5.13	
			For >5,000 To 10,000, Deduct	-7.47	
			For >10,000 To 20,000, Deduct	-9.80	
			For >20,000, Deduct	-12.14	
32 13 13 33-0007	SY		8" 4,500 PSI Concrete Paving Assembly.....	106.40	
			For 2,500 PSI Concrete, Deduct	-7.05	
			For 3,000 PSI Concrete, Deduct	-4.60	
			For 3,500 PSI Concrete, Deduct	-3.68	
			For 4,000 PSI Concrete, Deduct	-1.59	
			For 5,000 PSI Concrete, Add	0.98	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	7.97	
			For <12' Wide Pass, Add	17.40	
			For 24' Or Greater Wide Pass, Deduct	-21.28	
			For Air Entrainment, Add	3.07	
			For Slipforming, Deduct	-10.64	
			For Up To 100, Add	39.30	
			For >100 To 250, Add	22.72	
			For >250 To 500, Add	11.36	
			For >1,000 To 2,000, Deduct	-3.07	
			For >2,000 To 5,000, Deduct	-5.73	
			For >5,000 To 10,000, Deduct	-8.39	
			For >10,000 To 20,000, Deduct	-11.05	
			For >20,000, Deduct	-13.71	

32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 13 Rigid Paving**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 13 13 33-0008	SY	9" 4,500 PSI Concrete Paving Assembly.....	120.63	
		For 2,500 PSI Concrete, Deduct	-8.15	
		For 3,000 PSI Concrete, Deduct	-5.32	
		For 3,500 PSI Concrete, Deduct	-4.25	
		For 4,000 PSI Concrete, Deduct	-1.84	
		For 5,000 PSI Concrete, Add	1.13	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	9.21	
		For <12' Wide Pass, Add	19.53	
		For 24' Or Greater Wide Pass, Deduct	-24.13	
		For Air Entrainment, Add	3.54	
		For Slipforming, Deduct	-12.06	
		For Up To 100, Add	44.03	
		For >100 To 250, Add	25.56	
		For >250 To 500, Add	12.78	
		For >1,000 To 2,000, Deduct	-3.54	
		For >2,000 To 5,000, Deduct	-6.56	
		For >5,000 To 10,000, Deduct	-9.58	
		For >10,000 To 20,000, Deduct	-12.59	
		For >20,000, Deduct	-15.61	
32 13 13 33-0009	SY	10" 4,500 PSI Concrete Paving Assembly.....	134.29	
		For 2,500 PSI Concrete, Deduct	-8.97	
		For 3,000 PSI Concrete, Deduct	-5.85	
		For 3,500 PSI Concrete, Deduct	-4.68	
		For 4,000 PSI Concrete, Deduct	-2.03	
		For 5,000 PSI Concrete, Add	1.25	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	10.14	
		For <12' Wide Pass, Add	21.88	
		For 24' Or Greater Wide Pass, Deduct	-26.86	
		For Air Entrainment, Add	3.90	
		For Slipforming, Deduct	-13.43	
		For Up To 100, Add	49.39	
		For >100 To 250, Add	28.59	
		For >250 To 500, Add	14.30	
		For >1,000 To 2,000, Deduct	-3.90	
		For >2,000 To 5,000, Deduct	-7.26	
		For >5,000 To 10,000, Deduct	-10.61	
		For >10,000 To 20,000, Deduct	-13.97	
		For >20,000, Deduct	-17.33	
32 13 13 33-0010	SY	12" 4,500 PSI Concrete Paving Assembly.....	159.92	
		For 2,500 PSI Concrete, Deduct	-10.62	
		For 3,000 PSI Concrete, Deduct	-6.92	
		For 3,500 PSI Concrete, Deduct	-5.54	
		For 4,000 PSI Concrete, Deduct	-2.40	
		For 5,000 PSI Concrete, Add	1.48	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	12.00	
		For <12' Wide Pass, Add	26.13	
		For 24' Or Greater Wide Pass, Deduct	-31.98	
		For Air Entrainment, Add	4.62	
		For Slipforming, Deduct	-15.99	
		For Up To 100, Add	59.02	
		For >100 To 250, Add	34.13	
		For >250 To 500, Add	17.06	
		For >1,000 To 2,000, Deduct	-4.62	
		For >2,000 To 5,000, Deduct	-8.61	
		For >5,000 To 10,000, Deduct	-12.61	
		For >10,000 To 20,000, Deduct	-16.61	
		For >20,000, Deduct	-20.61	
32 13 13 33-0011	SY	15" 4,500 PSI Concrete Paving Assembly.....	203.08	
		For 2,500 PSI Concrete, Deduct	-13.04	
		For 3,000 PSI Concrete, Deduct	-8.50	
		For 3,500 PSI Concrete, Deduct	-6.80	
		For 4,000 PSI Concrete, Deduct	-2.95	
		For 5,000 PSI Concrete, Add	1.81	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	14.74	
		For <12' Wide Pass, Add	33.76	
		For 24' Or Greater Wide Pass, Deduct	-40.62	
		For Air Entrainment, Add	5.67	
		For Slipforming, Deduct	-20.31	
		For Up To 100, Add	76.50	
		For >100 To 250, Add	43.92	
		For >250 To 500, Add	21.96	
		For >1,000 To 2,000, Deduct	-5.67	
		For >2,000 To 5,000, Deduct	-10.75	
		For >5,000 To 10,000, Deduct	-15.82	
		For >10,000 To 20,000, Deduct	-20.90	
		For >20,000, Deduct	-25.98	

32 13 16 Decorative Concrete Paving (32 13)**32 13 16 13 Patterned Concrete Paving (32 13 16)**

32 13 16 13-0001	SF	For Patterned (Tactile) Finish In Concrete Sidewalk.....	4.77	
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32 13 43 Pervious Concrete Paving (32 13)**32 13 43 00-0001 Pervious Concrete Assembly (32 13 43)**

Note: Pervious concrete is a special concrete mix with high porosity that allows water to pass through it. For paving and sidewalks.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 13 43 00-0002	SF		6" Thick, 15-25% Porosity, Minimum 115 PCF, Pervious Concrete Paving.....	17.05	
			Note: Includes filter fabric, concrete, curing, finish, and control joints. Excludes excavation, base, forms and expansion joints along existing.		
			For >5,000 To 30,000, Deduct	-1.81	
			For >30,000 To 100,000, Deduct	-3.29	
			For >100,000, Deduct	-4.09	
32 13 43 00-0003	SF		9" Thick, 15-25% Porosity, Minimum 115 PCF, Pervious Concrete Paving.....	21.71	
			Note: Includes filter fabric, concrete, curing, finish, and control joints. Excludes excavation, base, forms and expansion joints along existing.		
			For >5,000 To 30,000, Deduct	-2.24	
			For >30,000 To 100,000, Deduct	-4.00	
			For >100,000, Deduct	-4.97	

32 13 73 Concrete Paving Joint Sealants (32 13)

32 13 73 13 Fuel-Resistant Concrete Paving Joint Sealants (32 13 73)

32 13 73 13-0001 Concrete Pavement Joint And Crack Repair (32 13 73 13)

Note: Includes cutting joint, removal of existing material, sweeping and cleaning area.

32 13 73 13-0002	LF		Pavement Sealing, Roads Resealing Joints In Concrete Pavements For Roads.....	7.96	
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32 13 73 16 Field-Molded Concrete Paving Joint Sealants (32 13 73)

32 13 73 16-0001 Preformed Elastomeric Concrete Pavement Joint And Crack Repair (32 13 73 16)

Note: Includes cutting joint, removal of existing material, sweeping and cleaning area.

32 13 73 16-0002	LF		Joint Sealing, Concrete Pavement Preformed Elastomeric	13.90	
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32 13 73 19 Compression Concrete Paving Joint Sealants (32 13 73)

32 13 73 19-0001 Silicone Joint Sealant For Concrete Pavement (32 13 73 19)

Note: Installation includes high pressure water wash, sand blast, sweeping, cleaning area, backer rod and Dow Corning 888 silicone sealant. Demolition includes removal of existing material where saw cutting is not required. Excludes saw cutting.

32 13 73 19-0002	LF		1/4" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement.....	10.42	2.43
32 13 73 19-0003	LF		3/8" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement.....	10.95	2.47
32 13 73 19-0004	LF		1/2" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement.....	11.62	2.52
32 13 73 19-0005	LF		3/4" x 3/8" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement.....	13.83	2.57
32 13 73 19-0006	LF		1" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement.....	16.30	2.63
32 13 73 19-0007	LF		1-1/2" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement.....	20.39	2.67
32 13 73 19-0008	LF		2" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement.....	28.30	2.74

32 14 Unit Paving (32 10)

32 14 09 Paver Restraints (32 14)

32 14 09 00-0001 Paver Restraints (32 14 09)

Note: Paver restraints are used along the edge of a group of pavers as a locking border. Flexible or rigid sections. Includes stakes and connecting devices. Excludes pavers, bedding, excavation, base course and compaction.

32 14 09 00-0002	LF		Up To 2" Height, Vinyl Paver Restraint.....	4.83	1.04
			For >1,000 To 2,000, Deduct	-0.70	
			For >2,000 To 4,000, Deduct	-1.01	
			For >4,000, Deduct	-1.30	
32 14 09 00-0003	LF		Up To 2" Height, Galvanized Steel Paver Restraint.....	5.26	1.04
			For >500 To 1,000, Deduct	-0.18	
			For >1,000 To 2,000, Deduct	-0.36	
			For >2,000, Deduct	-0.54	
32 14 09 00-0004	LF		Up To 1" Height, Aluminum Paver Restraint.....	5.05	1.04
			For >250 To 500, Deduct	-0.34	
			For >500 To 1,000, Deduct	-0.51	
			For >1,000 To 1,500, Deduct	-0.85	
32 14 09 00-0005	LF		>1" To 2" Height, Aluminum Paver Restraint.....	6.00	1.04
			For >250 To 500, Deduct	-0.43	
			For >500 To 1,000, Deduct	-0.65	
			For >1,000 To 1,500, Deduct	-1.09	
32 14 09 00-0006	LF		>2" To 3" Height, Aluminum Paver Restraint.....	7.82	1.04
			For >250 To 500, Deduct	-0.62	
			For >500 To 1,000, Deduct	-0.92	
			For >1,000 To 1,500, Deduct	-1.54	
32 14 09 00-0007	LF		>3" To 4" Height, Aluminum Paver Restraint.....	9.22	1.04
			For >250 To 500, Deduct	-0.76	
			For >500 To 1,000, Deduct	-1.13	
			For >1,000 To 1,500, Deduct	-1.89	

32 14 11 Bedding for Unit Paving (32 14)

32 14 11 00-0001 Bedding For Brick, Precast Concrete Paver And Stone Sidewalk (32 14 11)

Note: Includes delivery up to 15 miles from the closest approved source, the cost for loading, and dumping. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

32 14 11 00-0002	SF		1" To 2" Sand Bedding, Screeded.....	1.02	
			For Up To 100, Add	0.46	
			For >100 To 500, Add	0.13	
			For >1,000 To 5,000, Deduct	-0.08	
			For >5,000, Deduct	-0.13	

32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 14 Unit Paving**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 14 11 00-0003	SF	1" To 2" Stone Dust Bedding, Screeded	1.19	
		<i>For Up To 100, Add</i>	0.50	
		<i>For >100 To 500, Add</i>	0.14	
		<i>For >1,000 To 5,000, Deduct</i>	-0.08	
		<i>For >5,000, Deduct</i>	-0.13	
32 14 11 00-0004	SF	3" Stone Dust Bedding, Screeded	1.54	
		<i>For Up To 100, Add</i>	0.62	
		<i>For >100 To 500, Add</i>	0.17	
		<i>For >1,000 To 5,000, Deduct</i>	-0.10	
		<i>For >5,000, Deduct</i>	-0.16	
32 14 11 00-0005	SF	4" Stone Dust Bedding, Screeded	1.95	
		<i>For Up To 100, Add</i>	0.78	
		<i>For >100 To 500, Add</i>	0.21	
		<i>For >1,000 To 5,000, Deduct</i>	-0.12	
		<i>For >5,000, Deduct</i>	-0.20	
32 14 11 00-0006	SF	1" Mortar Bedding	3.32	
		<i>For Up To 100, Add</i>	1.49	
		<i>For >100 To 500, Add</i>	0.43	
		<i>For >1,000 To 5,000, Deduct</i>	-0.26	
		<i>For >5,000, Deduct</i>	-0.41	
32 14 11 00-0007	SF	2" Mortar Bedding	4.90	
		<i>For Up To 100, Add</i>	2.10	
		<i>For >100 To 500, Add</i>	0.60	
		<i>For >1,000 To 5,000, Deduct</i>	-0.35	
		<i>For >5,000, Deduct</i>	-0.57	
32 14 11 00-0008	SF	Thin-Set Latex Portland Cement Mortar	1.66	
		<i>For Up To 100, Add</i>	0.77	
		<i>For >100 To 500, Add</i>	0.22	
		<i>For >1,000 To 5,000, Deduct</i>	-0.14	
		<i>For >5,000, Deduct</i>	-0.22	

32 14 13 Precast Concrete Unit Paving (32 14)**32 14 13 16 Precast Concrete Unit Paving Slabs** (32 14 13)

32 14 13 16-0001		Precast Concrete Paver Sidewalk <small>(32 14 13 16)</small>		
		Note: Square, rectangular, or interlocking pervious pavers. Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course.		
32 14 13 16-0002	SF	2-3/8" Thick, Up To 32 SI Precast Concrete Paver	12.24	3.27
		Note: Includes 2-1/2" x 5", 4" x 4", 4" x 6", 5" x 5", 4" x 8" and other similar size pavers.		
		<i>For 2-3/4" Concrete Paver, Add</i>	1.18	
		<i>For 3-1/8" Concrete Paver, Add</i>	1.91	
		<i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i>	0.94	
		<i>For Up To 100, Add</i>	4.70	
		<i>For >100 To 500, Add</i>	1.27	
		<i>For >1,000 To 5,000, Deduct</i>	-0.66	
		<i>For >5,000, Deduct</i>	-1.15	
32 14 13 16-0003	SF	2-3/8" Thick, >32 to 64 SI Precast Concrete Paver	11.65	2.98
		Note: Includes 5" x 7", 6" x 6", 8" x 8" and other similar size pavers.		
		<i>For 2-3/4" Concrete Paver, Add</i>	1.15	
		<i>For 3-1/8" Concrete Paver, Add</i>	1.87	
		<i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i>	0.88	
		<i>For Up To 100, Add</i>	4.41	
		<i>For >100 To 500, Add</i>	1.18	
		<i>For >1,000 To 5,000, Deduct</i>	-0.60	
		<i>For >5,000, Deduct</i>	-1.07	
32 14 13 16-0004	SF	2-3/8" Thick, >64 to 144 SI Precast Concrete Paver	11.10	2.37
		Note: Includes 6" x 12", 12" x 12" and other similar size pavers.		
		<i>For 2-3/4" Concrete Paver, Add</i>	1.12	
		<i>For 3-1/8" Concrete Paver, Add</i>	1.83	
		<i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i>	0.83	
		<i>For Up To 100, Add</i>	4.13	
		<i>For >100 To 500, Add</i>	1.10	
		<i>For >1,000 To 5,000, Deduct</i>	-0.54	
		<i>For >5,000, Deduct</i>	-0.98	
32 14 13 16-0005	SF	2-3/8" Thick, >144 SI Precast Concrete Paver	10.60	2.46
		Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24", 24" x 36", 36" x 36" and other similar size pavers.		
		<i>For 2-3/4" Concrete Paver, Add</i>	1.10	
		<i>For 3-1/8" Concrete Paver, Add</i>	1.79	
		<i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i>	0.78	
		<i>For Up To 100, Add</i>	3.88	
		<i>For >100 To 500, Add</i>	1.02	
		<i>For >1,000 To 5,000, Deduct</i>	-0.49	
		<i>For >5,000, Deduct</i>	-0.91	
32 14 13 16-0006	SF	2-3/8" Thick, Precast Concrete Paver, Combinations And Patterns	11.36	2.83
		Note: Patterns made by combining pavers from two or more size groups.		
		<i>For 2-3/4" Concrete Paver, Add</i>	1.14	
		<i>For 3-1/8" Concrete Paver, Add</i>	1.85	
		<i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i>	0.85	
		<i>For Up To 100, Add</i>	4.26	
		<i>For >100 To 500, Add</i>	1.14	
		<i>For >1,000 To 5,000, Deduct</i>	-0.57	
		<i>For >5,000, Deduct</i>	-1.02	

32 14 13 19 Porous Precast Concrete Unit Paving (32 14 13)

32 14 13 19-0001		Turf Block <small>(32 14 13 19)</small>		
		Note: Grass grid, open-cell unit paver, geoblock.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 14 13 19-0002	SF		3-1/8" Thick, Precast Concrete Turf Block	12.10	2.83
			<i>For Up To 100, Add</i>	4.45	
			<i>For >100 To 500, Add</i>	1.17	
			<i>For >1,000 To 5,000, Deduct</i>	-0.57	
			<i>For >5,000, Deduct</i>	-1.04	
32 14 16 Brick Unit Paving (32 14)					
32 14 16 00-0001			Brick Paver Sidewalk (32 14 16)		
			Note: Includes sand joints. Excludes bedding, excavation, base course and compaction. See CSI section 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course.		
32 14 16 00-0002	SF		4" x 8" x 2-1/4" Brick Paver, Laid Flat	15.00	3.27
			<i>For 1-3/8" Thick Paver, Deduct</i>	-3.28	
			<i>For 2-3/4" Thick Paver (Vehicular), Add</i>	7.53	
			<i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i>	1.08	
			<i>For Up To 100, Add</i>	5.39	
			<i>For >100 To 500, Add</i>	1.41	
			<i>For >1,000 To 5,000, Deduct</i>	-0.66	
			<i>For >5,000, Deduct</i>	-1.24	
32 14 16 00-0003	SF		4" x 8" x 2-1/4" Brick, Laid On Edge	22.46	3.73
			<i>For 1-3/8" Thick Paver, Deduct</i>	-5.62	
			<i>For 2-3/4" Thick Paver (Vehicular), Add</i>	13.17	
			<i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i>	1.50	
			<i>For Up To 100, Add</i>	7.48	
			<i>For >100 To 500, Add</i>	1.87	
			<i>For >1,000 To 5,000, Deduct</i>	-0.75	
			<i>For >5,000, Deduct</i>	-1.57	
32 14 33 Plastic Paving (32 14)					
32 14 33 13 Permeable Plastic Paving (32 14 33)					
32 14 33 13-0001			Turf Block Plastic Paving (32 14 33 13)		
32 14 33 13-0002	SF		4" Thick Recycled Polyvinyl Chloride (PVC) Plastic Turf Block	18.41	2.83
			<i>For Up To 100, Add</i>	6.02	
			<i>For >100 To 500, Add</i>	1.49	
			<i>For >1,000 To 5,000, Deduct</i>	-0.57	
			<i>For >5,000, Deduct</i>	-1.23	
32 14 40 Stone Paving (32 14)					
32 14 40 00-0001			Slate Paver Sidewalk (32 14 40)		
			Note: Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.		
32 14 40 00-0002	SF		1" Thick, Up to 54 SI Slate Paver	15.48	2.71
			Note: Includes 3" x 9", 6" x 6", 6" x 9" and other similar size pavers.		
			<i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i>	1.05	
			<i>For Up To 100, Add</i>	5.23	
			<i>For >100 To 500, Add</i>	1.32	
			<i>For >1,000 To 5,000, Deduct</i>	-0.54	
			<i>For >5,000, Deduct</i>	-1.11	
			<i>For 1/4" Thick Paver, Deduct</i>	-7.79	
			<i>For 1/2" Thick Paver, Deduct</i>	-5.44	
32 14 40 00-0003	SF		1" Thick, >54 to 108 SI Slate Paver	14.98	2.46
			Note: Includes 6" x 12", 9" x 9", 6" x 18", 9" x 12" and other similar size pavers.		
			<i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i>	1.00	
			<i>For Up To 100, Add</i>	4.98	
			<i>For >100 To 500, Add</i>	1.24	
			<i>For >1,000 To 5,000, Deduct</i>	-0.49	
			<i>For >5,000, Deduct</i>	-1.04	
			<i>For 1/4" Thick Paver, Deduct</i>	-7.67	
			<i>For 1/2" Thick Paver, Deduct</i>	-5.37	
32 14 40 00-0004	SF		1" Thick, >108 to 216 SI Slate Paver	14.13	2.03
			Note: Includes 12" x 12", 6" x 24", 9" x 18", 9" x 24", 12" x 18" and other similar size pavers.		
			<i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i>	0.91	
			<i>For Up To 100, Add</i>	4.55	
			<i>For >100 To 500, Add</i>	1.11	
			<i>For >1,000 To 5,000, Deduct</i>	-0.41	
			<i>For >5,000, Deduct</i>	-0.91	
			<i>For 1/4" Thick Paver, Deduct</i>	-7.46	
			<i>For 1/2" Thick Paver, Deduct</i>	-5.24	
32 14 40 00-0005	SF		1" Thick, >216 SI Slate Paver	13.76	1.85
			Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24", 24" x 36", 36" x 36" and other similar size pavers.		
			<i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i>	0.87	
			<i>For Up To 100, Add</i>	4.37	
			<i>For >100 To 500, Add</i>	1.06	
			<i>For >1,000 To 5,000, Deduct</i>	-0.37	
			<i>For >5,000, Deduct</i>	-0.86	
			<i>For 1/4" Thick Paver, Deduct</i>	-7.36	
			<i>For 1/2" Thick Paver, Deduct</i>	-5.18	

32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 14 Unit Paving**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 14 40 00-0006	SF	1" Thick, Slate Paver, Combinations And Patterns	14.52	2.23
		Note: Patterns made by combining pavers from two or more size groups.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	0.95	
		For Up To 100, Add	4.75	
		For >100 To 500, Add	1.17	
		For >1,000 To 5,000, Deduct	-0.45	
		For >5,000, Deduct	-0.97	
		For 1/4" Thick Paver, Deduct	-7.55	
		For 1/2" Thick Paver, Deduct	-5.30	

32 14 40 00-0007 Granite Paver Sidewalk ^(32 14 40)

Note: Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.

32 14 40 00-0008	SF	1" Thick, Up to 54 SI Granite Paver	22.99	2.71
		Note: Includes 3" x 9", 6" x 6", 6" x 9" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	1.42	
		For 2" Granite Paver, Add	1.15	
		For 3" Granite Paver, Add	2.30	
		For 4" Granite Paver, Add	2.57	
		For Up To 100, Add	7.10	
		For >100 To 500, Add	1.69	
		For >1,000 To 5,000, Deduct	-0.54	
		For >5,000, Deduct	-1.34	
32 14 40 00-0009	SF	1" Thick, >54 to 108 SI Granite Paver	22.49	2.46
		Note: Includes 6" x 12", 9" x 9", 6" x 18", 9" x 12" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	1.37	
		For 2" Granite Paver, Add	1.12	
		For 3" Granite Paver, Add	2.25	
		For 4" Granite Paver, Add	2.50	
		For Up To 100, Add	6.85	
		For >100 To 500, Add	1.62	
		For >1,000 To 5,000, Deduct	-0.49	
		For >5,000, Deduct	-1.27	
32 14 40 00-0010	SF	1" Thick, >108 to 216 SI Granite Paver	21.64	2.03
		Note: Includes 12" x 12", 6" x 24", 9" x 18", 9" x 24", 12" x 18" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	1.29	
		For 2" Granite Paver, Add	1.08	
		For 3" Granite Paver, Add	2.16	
		For 4" Granite Paver, Add	2.37	
		For Up To 100, Add	6.43	
		For >100 To 500, Add	1.49	
		For >1,000 To 5,000, Deduct	-0.41	
		For >5,000, Deduct	-1.14	
32 14 40 00-0011	SF	1" Thick, >216 SI Granite Paver	21.27	1.85
		Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	1.25	
		For 2" Granite Paver, Add	1.06	
		For 3" Granite Paver, Add	2.13	
		For 4" Granite Paver, Add	2.31	
		For Up To 100, Add	6.24	
		For >100 To 500, Add	1.43	
		For >1,000 To 5,000, Deduct	-0.37	
		For >5,000, Deduct	-1.08	
32 14 40 00-0012	SF	1" Thick, Granite Paver, Combinations And Patterns	22.03	2.23
		Note: Patterns made by combining pavers from two or more size groups.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	1.32	
		For 2" Granite Paver, Add	1.10	
		For 3" Granite Paver, Add	2.20	
		For 4" Granite Paver, Add	2.43	
		For Up To 100, Add	6.62	
		For >100 To 500, Add	1.55	
		For >1,000 To 5,000, Deduct	-0.45	
		For >5,000, Deduct	-1.20	

32 15 Aggregate Surfacing ^(32 15)**32 15 40 Crushed Stone Surfacing ^(32 15)**

Note: Includes delivery up to 15 miles from supplier, placement, rolling and compaction water. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

32 15 40 00-0001 Gravel Surfacing And Spreading ^(32 15 40)

Note: Includes delivered material, placement, rolling and compaction water.

32 15 40 00-0002	CY	Gravel Surfacing And Spreading	90.71	
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32 15 40 00-0003 Limestone Screenings ^(32 15 40)

Note: Includes delivered material, placement, rolling and compaction water. For trail maintenance.

32 15 40 00-0004	CY	Limestone Screenings For Trail	77.85	
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32 15 40 00-0005 Decomposed Granite ^(32 15 40)

Note: Includes delivered material, placement, rolling and compaction water.

32 15 40 00-0006	SY	3" To 4" Thick Decomposed Granite Screenings With Stabilizer Pathway	18.81	
		Note: Placed in 2 lifts.		
		For Additional 2" Lift	9.41	
		For >45 To 180, Deduct	-1.26	
		For >180 To 450, Deduct	-1.57	
		For >450, Deduct	-1.88	

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 16 Curbs, Gutters, Sidewalks, and Driveways (32 10)

32 16 13 Curbs and Gutters (32 16)

Note: Includes transitions. Demolition Includes two saw cuts (each end) of curbs and gutters for lengths up to 100'. See CSI section 02 41 19 13-0001 for additional saw cuts within the 100'.

32 16 13 13 Cast-In-Place Concrete Curbs and Gutters (32 16 13)

Note: Includes concrete, forms, rebar (where required), rebar chairs (where necessary), expansion joints, finish and curing.

32 16 13 13-0001 Cast In Place Concrete Curb And Gutter (32 16 13 13)

Note: Includes concrete, forms, rebar, chairs (where necessary), transitions, expansion joints, finish and curing.

32 16 13 13-0002	LF	6" x 12" Cast In Place Concrete Gutter With 6" Curb And Face - Straight.....	28.01	12.55
		For Up To 20, Add	19.00	
		For >20 To 50, Add	10.60	
		For >50 To 100, Add	4.20	
		For >500 To 1,000, Deduct	-3.60	
		For >1,000, Deduct	-6.10	
		For Mountable Or Rolled Curb And Gutter, Add	1.86	
32 16 13 13-0003	LF	6" x 12" Cast In Place Concrete Gutter With 6" Curb And Face - Radius.....	30.54	16.73
		For Up To 20, Add	20.73	
		For >20 To 50, Add	11.57	
		For >50 To 100, Add	4.58	
		For >500 To 1,000, Deduct	-3.93	
		For >1,000, Deduct	-6.66	
		For Mountable Or Rolled Curb And Gutter, Add	2.05	
32 16 13 13-0004	LF	6" x 18" Cast In Place Concrete Gutter With 6" Curb And Face - Straight.....	35.61	13.91
		For Up To 20, Add	24.14	
		For >20 To 50, Add	13.46	
		For >50 To 100, Add	5.34	
		For >500 To 1,000, Deduct	-4.55	
		For >1,000, Deduct	-7.72	
		For Mountable Or Rolled Curb And Gutter, Add	2.34	
32 16 13 13-0005	LF	6" x 18" Cast In Place Concrete Gutter With 6" Curb And Face - Radius.....	39.34	15.48
		For Up To 20, Add	26.69	
		For >20 To 50, Add	14.89	
		For >50 To 100, Add	5.90	
		For >500 To 1,000, Deduct	-5.05	
		For >1,000, Deduct	-8.56	
		For Mountable Or Rolled Curb And Gutter, Add	2.62	
32 16 13 13-0006	LF	6" x 24" Cast In Place Concrete Gutter With 6" Curb And Face - Straight (Type A3-6).....	43.20	16.73
		For Up To 20, Add	29.27	
		For >20 To 50, Add	16.31	
		For >50 To 100, Add	6.48	
		For >500 To 1,000, Deduct	-5.51	
		For >1,000, Deduct	-9.34	
		For Mountable Or Rolled Curb And Gutter, Add	2.81	
32 16 13 13-0007	LF	6" x 24" Cast In Place Concrete Gutter With 6" Curb And Face - Radius (Type A3-6).....	48.13	18.83
		For Up To 20, Add	32.64	
		For >20 To 50, Add	18.20	
		For >50 To 100, Add	7.22	
		For >500 To 1,000, Deduct	-6.17	
		For >1,000, Deduct	-10.46	
		For Mountable Or Rolled Curb And Gutter, Add	3.19	
32 16 13 13-0008	LF	6" x 30" Cast In Place Concrete Gutter With 6" Curb And Face - Straight.....	51.34	19.87
		For Up To 20, Add	34.78	
		For >20 To 50, Add	19.38	
		For >50 To 100, Add	7.70	
		For >500 To 1,000, Deduct	-6.54	
		For >1,000, Deduct	-11.10	
		For Mountable Or Rolled Curb And Gutter, Add	3.34	
32 16 13 13-0009	LF	6" x 30" Cast In Place Concrete Gutter With 6" Curb And Face - Radius.....	56.40	21.96
		For Up To 20, Add	38.23	
		For >20 To 50, Add	21.31	
		For >50 To 100, Add	8.46	
		For >500 To 1,000, Deduct	-7.21	
		For >1,000, Deduct	-12.23	
		For Mountable Or Rolled Curb And Gutter, Add	3.71	
32 16 13 13-0010	LF	6" x 36" Cast In Place Concrete Gutter With 6" Curb And Face - Straight.....	59.46	23.01
		For Up To 20, Add	40.28	
		For >20 To 50, Add	22.44	
		For >50 To 100, Add	8.92	
		For >500 To 1,000, Deduct	-7.57	
		For >1,000, Deduct	-12.85	
		For Mountable Or Rolled Curb And Gutter, Add	3.86	
32 16 13 13-0011	LF	6" x 36" Cast In Place Concrete Gutter With 6" Curb And Face - Radius.....	64.68	25.10
		For Up To 20, Add	43.83	
		For >20 To 50, Add	24.42	
		For >50 To 100, Add	9.70	
		For >500 To 1,000, Deduct	-8.25	
		For >1,000, Deduct	-14.00	
		For Mountable Or Rolled Curb And Gutter, Add	4.22	
32 16 13 13-0012	LF	6" x 42" Cast In Place Concrete Gutter With 6" Curb And Face - Straight.....	67.59	26.14
		For Up To 20, Add	45.78	
		For >20 To 50, Add	25.51	
		For >50 To 100, Add	10.14	
		For >500 To 1,000, Deduct	-8.61	
		For >1,000, Deduct	-14.60	
		For Mountable Or Rolled Curb And Gutter, Add	4.39	

32 Exterior Improvements

32 10 Bases, Ballasts, and Paving

32 16 Curbs, Gutters, Sidewalks, and Driveways



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
32 16 13 13-0013	LF 6" x 42" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	75.05	29.28
	<i>For Up To 20, Add</i>	50.89	
	<i>For >20 To 50, Add</i>	28.37	
	<i>For >50 To 100, Add</i>	11.26	
	<i>For >500 To 1,000, Deduct</i>	-9.61	
	<i>For >1,000, Deduct</i>	-16.29	
	<i>For Mountable Or Rolled Curb And Gutter, Add</i>	4.95	
32 16 13 13-0014	Cast In Place Concrete Curbs <small>(32 16 13 13)</small>		
	Note: Includes delivered concrete, forms, rebar, chairs (where necessary), expansion joints, finish and curing.		
32 16 13 13-0015	LF 6" x 12" Cast In Place Concrete Curb (Type A1-6)	20.64	10.54
	<i>For Mountable Curb, Add</i>	1.48	
	<i>For Up To 20, Add</i>	12.55	
	<i>For >20 To 50, Add</i>	7.12	
	<i>For >50 To 100, Add</i>	2.72	
	<i>For >500 To 1,000, Deduct</i>	-2.72	
	<i>For >1,000, Deduct</i>	-4.59	
32 16 13 13-0016	LF 6" x 12" Cast In Place Concrete Curb - Radius (Type A1-6)	23.66	12.12
	<i>For Mountable Curb, Add</i>	1.72	
	<i>For Up To 20, Add</i>	14.48	
	<i>For >20 To 50, Add</i>	8.21	
	<i>For >50 To 100, Add</i>	3.13	
	<i>For >500 To 1,000, Deduct</i>	-3.13	
	<i>For >1,000, Deduct</i>	-5.29	
32 16 13 13-0017	LF 6" x 14" Cast In Place Concrete Curb (Type A1-8)	22.70	10.54
	<i>For Mountable Curb, Add</i>	1.61	
	<i>For Up To 20, Add</i>	13.76	
	<i>For >20 To 50, Add</i>	7.80	
	<i>For >50 To 100, Add</i>	2.98	
	<i>For >500 To 1,000, Deduct</i>	-2.98	
	<i>For >1,000, Deduct</i>	-5.03	
32 16 13 13-0018	LF 6" x 14" Cast In Place Concrete Curb - Radius (Type A1-8)	26.03	12.12
	<i>For Mountable Curb, Add</i>	1.87	
	<i>For Up To 20, Add</i>	15.87	
	<i>For >20 To 50, Add</i>	9.00	
	<i>For >50 To 100, Add</i>	3.43	
	<i>For >500 To 1,000, Deduct</i>	-3.43	
	<i>For >1,000, Deduct</i>	-5.80	
32 16 13 13-0019	LF 6" x 16" Cast In Place Concrete Curb	25.01	10.54
	<i>For Mountable Curb, Add</i>	1.73	
	<i>For Up To 20, Add</i>	15.01	
	<i>For >20 To 50, Add</i>	8.50	
	<i>For >50 To 100, Add</i>	3.25	
	<i>For >500 To 1,000, Deduct</i>	-3.25	
	<i>For >1,000, Deduct</i>	-5.50	
32 16 13 13-0020	LF 6" x 16" Cast In Place Concrete Curb - Radius	28.58	15.80
	<i>For Mountable Curb, Add</i>	2.02	
	<i>For Up To 20, Add</i>	17.31	
	<i>For >20 To 50, Add</i>	9.81	
	<i>For >50 To 100, Add</i>	3.75	
	<i>For >500 To 1,000, Deduct</i>	-3.75	
	<i>For >1,000, Deduct</i>	-6.34	
32 16 13 13-0021	LF 6" x 18" Cast In Place Concrete Curb	26.85	10.54
	<i>For Mountable Curb, Add</i>	1.82	
	<i>For Up To 20, Add</i>	16.02	
	<i>For >20 To 50, Add</i>	9.07	
	<i>For >50 To 100, Add</i>	3.47	
	<i>For >500 To 1,000, Deduct</i>	-3.47	
	<i>For >1,000, Deduct</i>	-5.88	
32 16 13 13-0022	LF 6" x 18" Cast In Place Concrete Curb - Radius	30.34	12.12
	<i>For Mountable Curb, Add</i>	2.09	
	<i>For Up To 20, Add</i>	18.18	
	<i>For >20 To 50, Add</i>	10.30	
	<i>For >50 To 100, Add</i>	3.94	
	<i>For >500 To 1,000, Deduct</i>	-3.94	
	<i>For >1,000, Deduct</i>	-6.67	
32 16 13 13-0023	LF 6" x 24" Cast In Place Concrete Curb	30.91	11.59
	<i>For Mountable Curb, Add</i>	1.93	
	<i>For Up To 20, Add</i>	17.89	
	<i>For >20 To 50, Add</i>	10.12	
	<i>For >50 To 100, Add</i>	3.89	
	<i>For >500 To 1,000, Deduct</i>	-3.89	
	<i>For >1,000, Deduct</i>	-6.60	
32 16 13 13-0024	LF 6" x 24" Cast In Place Concrete Curb - Radius	34.58	13.16
	<i>For Mountable Curb, Add</i>	2.18	
	<i>For Up To 20, Add</i>	20.09	
	<i>For >20 To 50, Add</i>	11.36	
	<i>For >50 To 100, Add</i>	4.36	
	<i>For >500 To 1,000, Deduct</i>	-4.36	
	<i>For >1,000, Deduct</i>	-7.41	
32 16 13 13-0025	LF 12" x 24" Cast In Place Concrete Curb	40.57	13.16
	<i>For Mountable Curb, Add</i>	1.85	
	<i>For Up To 20, Add</i>	21.28	
	<i>For >20 To 50, Add</i>	11.96	
	<i>For >50 To 100, Add</i>	4.66	
	<i>For >500 To 1,000, Deduct</i>	-4.66	
	<i>For >1,000, Deduct</i>	-8.01	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 16 13 13-0026	LF 12" x 24" Cast In Place Concrete Curb - Radius.....	45.15	14.75
	For Mountable Curb, Add	2.09	
	For Up To 20, Add	23.78	
	For >20 To 50, Add	13.37	
	For >50 To 100, Add	5.21	
	For >500 To 1,000, Deduct	-5.21	
	For >1,000, Deduct	-8.94	
32 16 13 13-0027	EA Additional Finish For Handicap Drop Section In Curb.....	79.01	

32 16 13 14 Machine Formed, Slip Form Curbs (32 16 13)

Note: Includes delivered concrete, steel, expansion joints and finish.

32 16 13 14-0001 Curbs, Machine Formed, Slip Form (32 16 13 14)

Note: Includes delivered concrete, steel, expansion joints and finish.

32 16 13 14-0002	EA Machine Formed Concrete Curb Minimum Set-Up Charge (One Time Per Job).....	1,454.33	
	Note: For projects where the total curbing charge is less than the minimum set-up charge, use this task exclusively. This task shall not be used in conjunction with any other tasks in this section.		
32 16 13 14-0003	LF 6" x 12" Straight Concrete Curb, Machine Formed.....	13.67	
32 16 13 14-0004	LF 6" x 12" Curved Concrete Curb, Machine Formed.....	18.29	
32 16 13 14-0005	LF 6" x 18" Straight Concrete Curb, Machine Formed.....	18.11	
32 16 13 14-0006	LF 6" x 18" Curved Concrete Curb, Machine Formed.....	23.43	

32 16 13 16 Steel Faced Curbs (32 16 13)

Note: Fabrication includes handicap and other curb access cuts.

32 16 13 16-0001 Sidewalk/Curb Facing (32 16 13 16)

Note: Fabrication includes handicap and other curb access cuts.

32 16 13 16-0002	LF 3" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center.....	16.27	5.16
	For Curved Section, Add	3.55	
32 16 13 16-0003	LF 4" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center.....	17.90	5.86
	For Curved Section, Add	3.99	
32 16 13 16-0004	LF 6" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center.....	24.15	6.56
	For Curved Section, Add	4.89	
32 16 13 16-0005	LF 8" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center.....	29.64	7.37
	For Curved Section, Add	5.71	
32 16 13 16-0006	LF 10" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center.....	36.28	8.08
	For Curved Section, Add	6.65	
32 16 13 16-0007	LF 12" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center.....	47.44	10.30
	For Curved Section, Add	8.59	
32 16 13 16-0008	LF 13" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center.....	54.68	13.34
	For Curved Section, Add	10.45	
32 16 13 16-0009	EA Sidewalk/Curb Steel Facing, Pedestrian Ramps, Two Drops Per Section.....	171.12	

32 16 13 19 Cast-In-Place Concrete Drainage Ditches (32 16 13)

Note: Includes concrete, forms, rebar (where required), rebar chairs (where necessary), expansion joints, finish and curing.

32 16 13 19-0001 Valley Gutter, Cast In Place (32 16 13 19)

Note: Includes concrete, forms, rebar, expansion joints, finish and curing.

32 16 13 19-0002	LF 2' Wide Cast In Place Concrete Valley Gutter, 6" Thick.....	22.90	
	For Up To 20, Add	10.18	
	For >20 To 50, Add	5.65	
	For >50 To 100, Add	2.26	
	For >500 To 1,000, Deduct	-2.26	
	For >1,000, Deduct	-3.97	
32 16 13 19-0003	LF 2-1/2' Wide Cast In Place Concrete Valley Gutter, 6" Thick.....	28.11	
	For Up To 20, Add	12.36	
	For >20 To 50, Add	6.85	
	For >50 To 100, Add	2.75	
	For >500 To 1,000, Deduct	-2.75	
	For >1,000, Deduct	-4.83	
32 16 13 19-0004	LF 3' Wide Cast In Place Concrete Valley Gutter, 6" Thick.....	33.27	
	For Up To 20, Add	14.50	
	For >20 To 50, Add	8.04	
	For >50 To 100, Add	3.23	
	For >500 To 1,000, Deduct	-3.23	
	For >1,000, Deduct	-5.68	
32 16 13 19-0005	LF 3-1/2' Wide Cast In Place Concrete Valley Gutter, 6" Thick.....	38.40	
	For Up To 20, Add	16.63	
	For >20 To 50, Add	9.21	
	For >50 To 100, Add	3.71	
	For >500 To 1,000, Deduct	-3.71	
	For >1,000, Deduct	-6.53	
32 16 13 19-0006	LF 4' Wide Cast In Place Concrete Valley Gutter, 6" Thick.....	43.55	
	For Up To 20, Add	18.77	
	For >20 To 50, Add	10.39	
	For >50 To 100, Add	4.19	
	For >500 To 1,000, Deduct	-4.19	
	For >1,000, Deduct	-7.37	
32 16 13 19-0007	LF 5' Wide Cast In Place Concrete Valley Gutter, 6" Thick.....	51.92	
	For Up To 20, Add	21.70	
	For >20 To 50, Add	11.98	
	For >50 To 100, Add	4.86	
	For >500 To 1,000, Deduct	-4.86	
	For >1,000, Deduct	-8.59	

32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 16 Curbs, Gutters, Sidewalks, and Driveways**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 19-0008	LF		6' Wide Cast In Place Concrete Valley Gutter, 6" Thick.....	60.00	
			<i>For Up To 20, Add</i>	24.43	
			<i>For >20 To 50, Add</i>	13.46	
			<i>For >50 To 100, Add</i>	5.49	
			<i>For >500 To 1,000, Deduct</i>	-5.49	
			<i>For >1,000, Deduct</i>	-9.73	
32 16 13 19-0009	SF		>6' Wide Cast In Place Concrete Valley Gutter, 6" Thick.....	10.00	
			<i>For Up To 100, Add</i>	4.07	
			<i>For >100 To 250, Add</i>	2.24	
			<i>For >250 To 500, Add</i>	0.91	
			<i>For >2,500 To 5,000, Deduct</i>	-0.91	
			<i>For >5,000, Deduct</i>	-1.62	
32 16 13 19-0010	LF		2' Wide Cast In Place Concrete Valley Gutter, 7" Thick.....	25.26	
			<i>For Up To 20, Add</i>	10.94	
			<i>For >20 To 50, Add</i>	6.06	
			<i>For >50 To 100, Add</i>	2.44	
			<i>For >500 To 1,000, Deduct</i>	-2.44	
			<i>For >1,000, Deduct</i>	-4.29	
32 16 13 19-0011	LF		2-1/2' Wide Cast In Place Concrete Valley Gutter, 7" Thick.....	31.22	
			<i>For Up To 20, Add</i>	13.43	
			<i>For >20 To 50, Add</i>	7.43	
			<i>For >50 To 100, Add</i>	3.00	
			<i>For >500 To 1,000, Deduct</i>	-3.00	
			<i>For >1,000, Deduct</i>	-5.28	
32 16 13 19-0012	LF		3' Wide Cast In Place Concrete Valley Gutter, 7" Thick.....	36.78	
			<i>For Up To 20, Add</i>	15.64	
			<i>For >20 To 50, Add</i>	8.65	
			<i>For >50 To 100, Add</i>	3.50	
			<i>For >500 To 1,000, Deduct</i>	-3.50	
			<i>For >1,000, Deduct</i>	-6.16	
32 16 13 19-0013	LF		3-1/2' Wide Cast In Place Concrete Valley Gutter, 7" Thick.....	42.49	
			<i>For Up To 20, Add</i>	17.95	
			<i>For >20 To 50, Add</i>	9.92	
			<i>For >50 To 100, Add</i>	4.01	
			<i>For >500 To 1,000, Deduct</i>	-4.01	
			<i>For >1,000, Deduct</i>	-7.08	
32 16 13 19-0014	LF		4' Wide Cast In Place Concrete Valley Gutter, 7" Thick.....	48.20	
			<i>For Up To 20, Add</i>	20.26	
			<i>For >20 To 50, Add</i>	11.19	
			<i>For >50 To 100, Add</i>	4.53	
			<i>For >500 To 1,000, Deduct</i>	-4.53	
			<i>For >1,000, Deduct</i>	-8.01	
32 16 13 19-0015	LF		5' Wide Cast In Place Concrete Valley Gutter, 7" Thick.....	57.59	
			<i>For Up To 20, Add</i>	23.46	
			<i>For >20 To 50, Add</i>	12.93	
			<i>For >50 To 100, Add</i>	5.27	
			<i>For >500 To 1,000, Deduct</i>	-5.27	
			<i>For >1,000, Deduct</i>	-9.34	
32 16 13 19-0016	LF		6' Wide Cast In Place Concrete Valley Gutter, 7" Thick.....	66.68	
			<i>For Up To 20, Add</i>	26.46	
			<i>For >20 To 50, Add</i>	14.54	
			<i>For >50 To 100, Add</i>	5.96	
			<i>For >500 To 1,000, Deduct</i>	-5.96	
			<i>For >1,000, Deduct</i>	-10.60	
32 16 13 19-0017	SF		>6' Wide Cast In Place Concrete Valley Gutter, 7" Thick.....	11.12	
			<i>For Up To 100, Add</i>	4.41	
			<i>For >100 To 250, Add</i>	2.43	
			<i>For >250 To 500, Add</i>	0.99	
			<i>For >2,500 To 5,000, Deduct</i>	-0.99	
			<i>For >5,000, Deduct</i>	-1.77	
32 16 13 19-0018	LF		2' Wide Cast In Place Concrete Valley Gutter, 8" Thick.....	25.34	
			<i>For Up To 20, Add</i>	11.27	
			<i>For >20 To 50, Add</i>	6.25	
			<i>For >50 To 100, Add</i>	2.51	
			<i>For >500 To 1,000, Deduct</i>	-2.51	
			<i>For >1,000, Deduct</i>	-4.39	
32 16 13 19-0019	LF		2-1/2' Wide Cast In Place Concrete Valley Gutter, 8" Thick.....	31.14	
			<i>For Up To 20, Add</i>	13.71	
			<i>For >20 To 50, Add</i>	7.60	
			<i>For >50 To 100, Add</i>	3.05	
			<i>For >500 To 1,000, Deduct</i>	-3.05	
			<i>For >1,000, Deduct</i>	-5.36	
32 16 13 19-0020	LF		3' Wide Cast In Place Concrete Valley Gutter, 8" Thick.....	36.84	
			<i>For Up To 20, Add</i>	16.08	
			<i>For >20 To 50, Add</i>	8.91	
			<i>For >50 To 100, Add</i>	3.58	
			<i>For >500 To 1,000, Deduct</i>	-3.58	
			<i>For >1,000, Deduct</i>	-6.30	
32 16 13 19-0021	LF		3-1/2' Wide Cast In Place Concrete Valley Gutter, 8" Thick.....	42.54	
			<i>For Up To 20, Add</i>	18.45	
			<i>For >20 To 50, Add</i>	10.22	
			<i>For >50 To 100, Add</i>	4.12	
			<i>For >500 To 1,000, Deduct</i>	-4.12	
			<i>For >1,000, Deduct</i>	-7.24	
32 16 13 19-0022	LF		4' Wide Cast In Place Concrete Valley Gutter, 8" Thick.....	48.25	
			<i>For Up To 20, Add</i>	20.83	
			<i>For >20 To 50, Add</i>	11.53	
			<i>For >50 To 100, Add</i>	4.65	
			<i>For >500 To 1,000, Deduct</i>	-4.65	
			<i>For >1,000, Deduct</i>	-8.18	
32 16 13 19-0023	LF		5' Wide Cast In Place Concrete Valley Gutter, 8" Thick.....	57.52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 16 13 19-0024	LF	6'	Wide Cast In Place Concrete Valley Gutter, 8" Thick.....	66.45	
32 16 13 19-0025	SF	>6'	Wide Cast In Place Concrete Valley Gutter, 8" Thick.....	11.07	
			<i>For Up To 100, Add</i>	4.51	
			<i>For >100 To 250, Add</i>	2.49	
			<i>For >250 To 500, Add</i>	1.01	
			<i>For >2,500 To 5,000, Deduct</i>	-1.01	
			<i>For >5,000, Deduct</i>	-1.80	

32 16 13 23 Precast Concrete Curbs and Gutters (32 16 13)

32 16 13 23-0001 Precast Concrete Curb (32 16 13 23)					
32 16 13 23-0002	LF	6" x 18"	Precast Concrete Curb.....	44.36	9.72
32 16 13 23-0003	LF	6" x 18"	Precast Concrete Curb, Radius.....	53.16	11.17
32 16 13 23-0004	LF	6" x 20"	Precast Concrete Curb.....	47.21	9.72
32 16 13 23-0005	LF	6" x 20"	Precast Concrete Curb, Radius.....	56.93	11.17
32 16 13 23-0006	LF	7" x 18"	Precast Concrete Curb.....	48.51	9.72
32 16 13 23-0007	LF	7" x 18"	Precast Concrete Curb, Radius.....	58.43	11.17
32 16 13 23-0008	LF	7" x 20"	Precast Concrete Curb.....	51.74	9.72
32 16 13 23-0009	LF	7" x 20"	Precast Concrete Curb, Radius.....	62.53	11.17

32 16 13 33 Asphalt Curbs (32 16 13)

32 16 13 33-0001 Asphalt Curbs (32 16 13 33)					
32 16 13 33-0002	LF	6" Wide x 6" High	Asphalt Curb 64 LF/TON, Bituminous, Plain.....	13.24	5.27
32 16 13 33-0003	LF	8" Wide x 6" High	Asphalt Curb 50 LF/TON, Bituminous, Plain.....	14.93	5.86
32 16 13 33-0004	LF	8" Wide x 8" High	Asphalt Curb 44 LF/TON, Bituminous, Plain.....	16.46	6.44

32 16 13 43 Stone Curbs (32 16 13)

32 16 13 43-0001 Granite Curbs (32 16 13 43)					
32 16 13 43-0002 Split Face Granite Curbs (32 16 13 43-0001)					
32 16 13 43-0003	LF	4" To 5" x 12" To 14"	Split Face Granite Curb, Straight Section.....	28.01	9.50
			<i>For Up To 20, Add</i>	11.95	
			<i>For >20 To 50, Add</i>	6.61	
			<i>For >50 To 100, Add</i>	2.67	
			<i>For >500 To 1,000, Deduct</i>	-2.67	
			<i>For >1,000, Deduct</i>	-4.71	
32 16 13 43-0004	LF	6" To 8" x 12" To 14"	Split Face Granite Curb, Straight Section.....	32.98	10.38
			<i>For Up To 20, Add</i>	13.50	
			<i>For >20 To 50, Add</i>	7.44	
			<i>For >50 To 100, Add</i>	3.03	
			<i>For >500 To 1,000, Deduct</i>	-3.03	
			<i>For >1,000, Deduct</i>	-5.37	
32 16 13 43-0005	LF	4" To 5" x 16" To 18"	Split Face Granite Curb, Straight Section.....	36.35	11.16
			<i>For Up To 20, Add</i>	14.69	
			<i>For >20 To 50, Add</i>	8.09	
			<i>For >50 To 100, Add</i>	3.30	
			<i>For >500 To 1,000, Deduct</i>	-3.30	
			<i>For >1,000, Deduct</i>	-5.86	
32 16 13 43-0006	LF	6" To 8" x 16" To 18"	Split Face Granite Curb, Straight Section.....	42.86	12.04
			<i>For Up To 20, Add</i>	16.54	
			<i>For >20 To 50, Add</i>	9.07	
			<i>For >50 To 100, Add</i>	3.74	
			<i>For >500 To 1,000, Deduct</i>	-3.74	
			<i>For >1,000, Deduct</i>	-6.68	
32 16 13 43-0007	LF	4" To 5" x 12" To 14"	Split Face Granite Curb, Curved Section.....	34.32	10.38
			<i>For Up To 20, Add</i>	13.73	
			<i>For >20 To 50, Add</i>	7.55	
			<i>For >50 To 100, Add</i>	3.09	
			<i>For >500 To 1,000, Deduct</i>	-3.09	
			<i>For >1,000, Deduct</i>	-5.49	
32 16 13 43-0008	LF	6" To 8" x 12" To 14"	Split Face Granite Curb, Curved Section.....	39.28	11.16
			<i>For Up To 20, Add</i>	15.28	
			<i>For >20 To 50, Add</i>	8.38	
			<i>For >50 To 100, Add</i>	3.45	
			<i>For >500 To 1,000, Deduct</i>	-3.45	
			<i>For >1,000, Deduct</i>	-6.15	
32 16 13 43-0009	LF	4" To 5" x 16" To 18"	Split Face Granite Curb, Curved Section.....	42.73	12.04
			<i>For Up To 20, Add</i>	16.52	
			<i>For >20 To 50, Add</i>	9.06	
			<i>For >50 To 100, Add</i>	3.73	
			<i>For >500 To 1,000, Deduct</i>	-3.73	
			<i>For >1,000, Deduct</i>	-6.67	
32 16 13 43-0010	LF	6" To 8" x 16" To 18"	Split Face Granite Curb, Curved Section.....	49.23	12.81
			<i>For Up To 20, Add</i>	18.37	
			<i>For >20 To 50, Add</i>	10.04	
			<i>For >50 To 100, Add</i>	4.17	
			<i>For >500 To 1,000, Deduct</i>	-4.17	
			<i>For >1,000, Deduct</i>	-7.48	

32 16 13 43-0011 Sawn Face Granite Curbs (32 16 13 43-0001)

32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 16 Curbs, Gutters, Sidewalks, and Driveways**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 16 13 43-0012	LF	4" To 5" x 12" To 14" Sawn Face Granite Curb, Straight Section	28.01	9.50
		<i>For Up To 20, Add</i>	11.95	
		<i>For >20 To 50, Add</i>	6.61	
		<i>For >50 To 100, Add</i>	2.67	
		<i>For >500 To 1,000, Deduct</i>	-2.67	
		<i>For >1,000, Deduct</i>	-4.71	
32 16 13 43-0013	LF	6" To 8" x 12" To 14" Sawn Face Granite Curb, Straight Section	32.98	10.38
		<i>For Up To 20, Add</i>	13.50	
		<i>For >20 To 50, Add</i>	7.44	
		<i>For >50 To 100, Add</i>	3.03	
		<i>For >500 To 1,000, Deduct</i>	-3.03	
		<i>For >1,000, Deduct</i>	-5.37	
32 16 13 43-0014	LF	4" To 5" x 16" To 18" Sawn Face Granite Curb, Straight Section	36.42	11.16
		<i>For Up To 20, Add</i>	14.74	
		<i>For >20 To 50, Add</i>	8.12	
		<i>For >50 To 100, Add</i>	3.31	
		<i>For >500 To 1,000, Deduct</i>	-3.31	
		<i>For >1,000, Deduct</i>	-5.88	
32 16 13 43-0015	LF	6" To 8" x 16" To 18" Sawn Face Granite Curb, Straight Section	42.94	12.04
		<i>For Up To 20, Add</i>	16.60	
		<i>For >20 To 50, Add</i>	9.10	
		<i>For >50 To 100, Add</i>	3.75	
		<i>For >500 To 1,000, Deduct</i>	-3.75	
		<i>For >1,000, Deduct</i>	-6.70	
32 16 13 43-0016	LF	4" To 5" x 12" To 14" Sawn Face Granite Curb, Curved Section	38.66	10.38
		<i>For Up To 20, Add</i>	14.64	
		<i>For >20 To 50, Add</i>	8.01	
		<i>For >50 To 100, Add</i>	3.31	
		<i>For >500 To 1,000, Deduct</i>	-3.31	
		<i>For >1,000, Deduct</i>	-5.94	
32 16 13 43-0017	LF	6" To 8" x 12" To 14" Sawn Face Granite Curb, Curved Section	46.01	11.16
		<i>For Up To 20, Add</i>	16.66	
		<i>For >20 To 50, Add</i>	9.07	
		<i>For >50 To 100, Add</i>	3.79	
		<i>For >500 To 1,000, Deduct</i>	-3.79	
		<i>For >1,000, Deduct</i>	-6.84	
32 16 13 43-0018	LF	4" To 5" x 16" To 18" Sawn Face Granite Curb, Curved Section	50.92	12.04
		<i>For Up To 20, Add</i>	18.19	
		<i>For >20 To 50, Add</i>	9.90	
		<i>For >50 To 100, Add</i>	4.15	
		<i>For >500 To 1,000, Deduct</i>	-4.15	
		<i>For >1,000, Deduct</i>	-7.50	
32 16 13 43-0019	LF	6" To 8" x 16" To 18" Sawn Face Granite Curb, Curved Section	60.80	12.81
		<i>For Up To 20, Add</i>	20.72	
		<i>For >20 To 50, Add</i>	11.22	
		<i>For >50 To 100, Add</i>	4.75	
		<i>For >500 To 1,000, Deduct</i>	-4.75	
		<i>For >1,000, Deduct</i>	-8.65	

32 16 13 43-0020 Granite Base And Curbs (32 16 13 43-0001)

32 16 13 43-0021	LF	4" High Granite Base	31.48	12.04
		<i>For Up To 20, Add</i>	14.29	
		<i>For >20 To 50, Add</i>	7.95	
		<i>For >50 To 100, Add</i>	3.17	
		<i>For >500 To 1,000, Deduct</i>	-3.17	
		<i>For >1,000, Deduct</i>	-5.55	
32 16 13 43-0022	LF	6" High Granite Base	37.18	15.76
		<i>For Up To 20, Add</i>	17.93	
		<i>For >20 To 50, Add</i>	10.02	
		<i>For >50 To 100, Add</i>	3.96	
		<i>For >500 To 1,000, Deduct</i>	-3.96	
		<i>For >1,000, Deduct</i>	-6.87	

32 16 13 43-0023 Remove And Reset Stone And Precast Curbing (32 16 13 43)

Note: Includes storage and cleaning.

32 16 13 43-0024	LF	Removal And Resetting Of Stone Or Precast Curbing	36.44	
		Note: Includes storage and cleaning.		

32 16 23 Sidewalks (32 16)**32 16 23 00-0001 Cast In Place Concrete Sidewalk** (32 16 23)

Note: Includes finish grading, delivered concrete (up to 3500 PSI) by chute, formwork, 1/4" radius joints and edges, polyethylene sheeting, control joints, expansion joints, screed, broom finish, and curing. Excludes excavation, base, base compaction and welded wire reinforcement. For bar or fiber reinforcing, add bar or fiber reinforcing tasks. See CSI section 02 41 13 13-0000 for sidewalk removal, 03 21 00 00-0000 for reinforcing steel, 03 31 13 00-0085 for buggies, 03 31 13 00-0092 for small quantity purchases, 03 31 13 00-0094 for delivery fee, 03 37 16 00-0001 for pumping with boom truck, 31 23 16 36-0000 for excavation, 32 11 23 16-0001 for base course.

32 16 23 00-0002	SF	4" Cast In Place Concrete Sidewalk	9.43	
		<i>For Up To 100, Add</i>	4.03	
		<i>For >100 To 500, Add</i>	1.14	
		<i>For >1,000 To 5,000, Deduct</i>	-0.67	
		<i>For >5,000, Deduct</i>	-1.48	
		<i>For Welded Wire Reinforcement, Add</i>	0.98	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 16 23 00-0003	SF		5" Cast In Place Concrete Sidewalk	10.30	
			<i>For Up To 100, Add</i>	4.31	
			<i>For >100 To 500, Add</i>	1.21	
			<i>For >1,000 To 5,000, Deduct</i>	-0.70	
			<i>For >5,000, Deduct</i>	-1.56	
			<i>For Welded Wire Reinforcement, Add</i>	0.98	
32 16 23 00-0004	SF		6" Cast In Place Concrete Sidewalk	11.17	
			<i>For Up To 100, Add</i>	4.59	
			<i>For >100 To 500, Add</i>	1.28	
			<i>For >1,000 To 5,000, Deduct</i>	-0.72	
			<i>For >5,000, Deduct</i>	-1.64	
			<i>For Welded Wire Reinforcement, Add</i>	0.98	
32 16 23 00-0005	SF		7" Cast In Place Concrete Sidewalk	12.97	
			<i>For Up To 100, Add</i>	5.28	
			<i>For >100 To 500, Add</i>	1.46	
			<i>For >1,000 To 5,000, Deduct</i>	-0.82	
			<i>For >5,000, Deduct</i>	-1.87	
			<i>For Welded Wire Reinforcement, Add</i>	0.98	
32 16 23 00-0006	SF		8" Cast In Place Concrete Sidewalk	13.73	
			<i>For Up To 100, Add</i>	5.51	
			<i>For >100 To 500, Add</i>	1.52	
			<i>For >1,000 To 5,000, Deduct</i>	-0.83	
			<i>For >5,000, Deduct</i>	-1.93	
			<i>For Welded Wire Reinforcement, Add</i>	0.98	
32 16 23 00-0007	SF		For Exposed Aggregate Finish In Sidewalk	2.39	
32 16 23 00-0008	EA		Finish Concrete Handicap Drop Section In Sidewalk.....	143.29	
			Note: Excludes patterned (tactile) finish.		
32 16 23 00-0009	LF		For Hand Trowel Finish At Sidewalk Edges (Picture Frame).....	2.39	

32 16 23 00-0010 Bituminous Sidewalk (32 16 23)

Note: Includes finish grading, delivered asphalt, formwork, control joints, expansion joints, and compaction. Excludes excavation, base, and base compaction. See CSI section 31 00 00 00-0000 for excavation, 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course.

32 16 23 00-0011	SY		1" Bituminous Sidewalk	10.00	
			<i>For Up To 100, Add</i>	3.63	
			<i>For >100 To 500, Add</i>	0.95	
			<i>For >1,000 To 5,000, Deduct</i>	-0.45	
			<i>For >5,000, Deduct</i>	-0.95	
32 16 23 00-0012	SY		1-1/2" Bituminous Sidewalk	12.60	
			<i>For Up To 100, Add</i>	4.50	
			<i>For >100 To 500, Add</i>	1.17	
			<i>For >1,000 To 5,000, Deduct</i>	-0.54	
			<i>For >5,000, Deduct</i>	-1.17	
32 16 23 00-0013	SY		2" Bituminous Sidewalk	17.66	
			<i>For Up To 100, Add</i>	6.09	
			<i>For >100 To 500, Add</i>	1.55	
			<i>For >1,000 To 5,000, Deduct</i>	-0.67	
			<i>For >5,000, Deduct</i>	-1.55	
32 16 23 00-0014	SY		2-1/2" Bituminous Sidewalk	22.10	
			<i>For Up To 100, Add</i>	7.61	
			<i>For >100 To 500, Add</i>	1.94	
			<i>For >1,000 To 5,000, Deduct</i>	-0.83	
			<i>For >5,000, Deduct</i>	-1.94	
32 16 23 00-0015	SY		3" Bituminous Sidewalk	25.55	
			<i>For Up To 100, Add</i>	8.64	
			<i>For >100 To 500, Add</i>	2.18	
			<i>For >1,000 To 5,000, Deduct</i>	-0.90	
			<i>For >5,000, Deduct</i>	-2.18	
32 16 23 00-0016	SY		3-1/2" Bituminous Sidewalk	29.62	
			<i>For Up To 100, Add</i>	9.89	
			<i>For >100 To 500, Add</i>	2.47	
			<i>For >1,000 To 5,000, Deduct</i>	-0.99	
			<i>For >5,000, Deduct</i>	-2.47	

32 16 43 Asphalt Dike (32 16)

32 16 43 00-0001 Asphalt Dike (32 16 43)

32 16 43 00-0002	LF		Type A, Asphalt Dike, 11" Base, 5" Top, 6" Height.....	7.32	
32 16 43 00-0003	LF		Type B, Asphalt Dike, 13" Base, 5" Top, 8" Height.....	10.10	
32 16 43 00-0004	LF		Type C-6, Asphalt Dike, 18" Base, 6" Top, 6" Height.....	10.10	
32 16 43 00-0005	LF		Type C-8, Asphalt Dike, 22" Base, 6" Top, 8" Height.....	14.53	
32 16 43 00-0006	LF		Type C-9, Asphalt Dike, 24" Base, 6" Top, 9" Height.....	17.23	
32 16 43 00-0007	LF		Type D, Asphalt Dike, 8" Base, 4" Top, 2" Height.....	3.73	
32 16 43 00-0008	LF		Type E, Mountable Asphalt Dike, 16" Base, 12" Top, 2" Height Front, 6" Height Back	10.51	
32 16 43 00-0009	LF		Type F, Mountable Asphalt Dike, 26" Base, 20" Top, 2" Height Front, 8" Height Back.....	16.22	
32 16 43 00-0010	LF		CALTRANS Type A, Asphalt Dike, 11" Base, 5" Top, 6" Height.....	7.32	
32 16 43 00-0011	LF		CALTRANS Type C, Asphalt Dike, 8" Base, 4" Top, 2" Height.....	3.73	
32 16 43 00-0012	LF		CALTRANS Type D, Mountable Asphalt Dike, 26" Base, 20" Top, 2" Height Front, 8" Height Back	16.22	
32 16 43 00-0013	LF		CALTRANS Type E, Mountable Asphalt Dike, 16" Base, 12" Top, 2" Height Front, 6" Height Back	10.51	
32 16 43 00-0014	LF		CALTRANS Type F, Asphalt Dike, 8" Base, 4" Top, 4" Height.....	5.49	

32 17 Paving Specialties (32 10)

32 17 13 Parking Bumpers (32 17)

Note: Includes dowels set.

32 17 13 16 Plastic Parking Bumpers (32 17 13)

32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 17 Paving Specialties**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 17 13 16-0001	EA	4" x 6" x 4' Recycled Plastic Wheel Stop	181.99	6.84
32 17 13 16-0002	EA	4" x 6" x 6' Recycled Plastic Wheel Stop	206.32	6.84

32 17 13 19 Precast Concrete Parking Bumpers (32 17 13)

32 17 13 19-0001	EA	6" x 8" x 4' Precast Concrete Wheel Stop With Dowels	66.45	20.58
32 17 13 19-0002	EA	6" x 6" x 6' Precast Concrete Wheel Stop With Dowels	76.08	20.58
32 17 13 19-0003	EA	6" x 8" x 6' Precast Concrete Wheel Stop With Dowels	79.06	20.58
32 17 13 19-0004	EA	6" x 10" x 6' Precast Concrete Wheel Stop With Dowels	82.83	20.58
32 17 13 19-0005	EA	4-7/8" x 7-5/8" x 6' Precast Concrete Wheel Stop With Dowels	77.23	20.58
32 17 13 19-0006	EA	8" x 13" x 6' Precast Concrete Wheel Stop With Dowels	97.99	20.58
32 17 13 19-0007	EA	Removal And Relocation Of Precast Concrete Wheel Stop	32.93	
32 17 13 19-0008	EA	Removal And Relocation Of Plastic Or Wood Wheel Stop	21.41	

32 17 13 23 Rubber Parking Bumpers (32 17 13)

32 17 13 23-0001	EA	3' Recycled Rubber Wheel Stop	31.18	6.84
32 17 13 23-0002	EA	4' Recycled Rubber Wheel Stop	36.60	6.84
32 17 13 23-0003	EA	5' Recycled Rubber Wheel Stop	38.77	6.84
32 17 13 23-0004	EA	6' Recycled Rubber Wheel Stop	42.02	6.84

32 17 13 26 Wood Parking Bumpers (32 17 13)

32 17 13 26-0001	LF	4" x 4" Timber Barrier With Saddles For Cars, Pressure Treated	8.95	1.65
32 17 13 26-0002	LF	6" x 6" Timber Barriers With Saddle For Trucks, Pressure Treated	11.33	1.65

32 17 16 Manufactured Traffic-Calming Devices (32 17)**32 17 16 00-0001 Speed Bumps (32 17 16)**

Note: Excludes pavement markings or reflectors.

32 17 16 00-0002	LF	2-1/4" High x 10-1/2" Wide, Asphalt Speed Bump	40.26	1.80
32 17 16 00-0003	LF	2-1/4" High x 12" Wide, Recycled Rubber Speed Bump	31.31	1.20
32 17 16 00-0004	LF	2-5/8" High x 12" Wide, Recycled Plastic Speed Bump	139.61	1.20

32 17 23 Pavement Markings (32 17)

See CSI section 01 55 26 00-0000 for temporary markings and removable line mask tape.

32 17 23 13 Painted Pavement Markings (32 17 23)**32 17 23 13-0001 Painted Pavement Striping, Letters, Symbols And Markers For Roads (32 17 23)**
¹³⁾
 Note: Includes primers, adhesive and glass beads where required. For broken line quantities use total lane length. Per Coat.
32 17 23 13-0002 Alkyd/Solvent Based/Latex Reflective Pavement Marking (32 17 23 13-0001)

Note: 15 mil thickness.

32 17 23 13-0003	LF	Single 4" Wide Solid Line, Painted Reflective Pavement Striping	0.32	
		For Up To 5,000 LF, Add	0.06	
		For >25,000 LF, Deduct	-0.05	
		For Broken Line, Deduct	-0.06	
32 17 23 13-0004	LF	Single 6" Wide Solid Line, Painted Reflective Pavement Striping	0.41	
		For Up To 5,000 LF, Add	0.08	
		For >25,000 LF, Deduct	-0.06	
		For Broken Line, Deduct	-0.09	
32 17 23 13-0005	LF	Single 8" Wide Solid Line, Painted Reflective Pavement Striping	0.51	
		For Up To 5,000 LF, Add	0.10	
		For >25,000 LF, Deduct	-0.08	
		For Broken Line, Deduct	-0.11	
32 17 23 13-0006	LF	Single 12" Wide Solid Line, Painted Reflective Pavement Striping	0.68	
		For Up To 5,000 LF, Add	0.14	
		For >25,000 LF, Deduct	-0.10	
		For Broken Line, Deduct	-0.17	
32 17 23 13-0007	LF	Double 4" Wide Solid Lines, Painted Reflective Pavement Striping	0.46	
		For Up To 5,000 LF, Add	0.09	
		For >25,000 LF, Deduct	-0.07	
		For Broken Line On One Side, Deduct	-0.06	
		For Double Broken Line, Deduct	-0.11	
32 17 23 13-0008	LF	Double 6" Wide Solid Lines, Painted Reflective Pavement Striping	0.68	
		For Up To 5,000 LF, Add	0.14	
		For >25,000 LF, Deduct	-0.10	
		For Broken Line On One Side, Deduct	-0.08	
		For Double Broken Line, Deduct	-0.17	
32 17 23 13-0009	SF	Solid Area, Painted Reflective Pavement Striping	6.17	
		Note: Use this task for: lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.		
32 17 23 13-0010	EA	6" High, Letter/Number, Painted Reflective Pavement Striping	4.49	
		For <10, Add	0.61	
		For >50 To 100, Deduct	-0.30	
		For >100 To 200, Deduct	-0.41	
		For >200, Deduct	-0.81	
32 17 23 13-0011	EA	12" High, Letter/Number, Painted Reflective Pavement Striping	7.71	
		For <10, Add	0.92	
		For >50 To 100, Deduct	-0.46	
		For >100 To 200, Deduct	-0.62	
		For >200, Deduct	-1.23	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0012	EA		24" High, Letter/Number, Painted Reflective Pavement Striping	12.95	
			<i>For <10, Add</i>	1.53	
			<i>For >50 To 100, Deduct</i>	-0.77	
			<i>For >100 To 200, Deduct</i>	-1.02	
			<i>For >200, Deduct</i>	-2.04	
32 17 23 13-0013	EA		36" High, Letter/Number, Painted Reflective Pavement Striping	25.22	
			<i>For <10, Add</i>	3.06	
			<i>For >50 To 100, Deduct</i>	-1.53	
			<i>For >100 To 200, Deduct</i>	-2.04	
			<i>For >200, Deduct</i>	-4.08	
32 17 23 13-0014	EA		48" High, Letter/Number, Painted Reflective Pavement Striping	29.15	
			<i>For <10, Add</i>	3.44	
			<i>For >50 To 100, Deduct</i>	-1.72	
			<i>For >100 To 200, Deduct</i>	-2.29	
			<i>For >200, Deduct</i>	-4.58	
32 17 23 13-0015	EA		72" High, Letter/Number, Painted Reflective Pavement Striping	52.15	
			<i>For <10, Add</i>	6.11	
			<i>For >50 To 100, Deduct</i>	-3.06	
			<i>For >100 To 200, Deduct</i>	-4.08	
			<i>For >200, Deduct</i>	-8.15	
32 17 23 13-0016	EA		96" High, Letter/Number, Painted Reflective Pavement Striping	69.73	
			<i>For <10, Add</i>	8.21	
			<i>For >50 To 100, Deduct</i>	-4.10	
			<i>For >100 To 200, Deduct</i>	-5.47	
			<i>For >200, Deduct</i>	-10.95	
32 17 23 13-0017	EA		120" High, Letter/Number, Painted Reflective Pavement Striping	101.28	
			<i>For <10, Add</i>	10.17	
			<i>For >50 To 100, Deduct</i>	-5.09	
			<i>For >100 To 200, Deduct</i>	-6.78	
			<i>For >200, Deduct</i>	-13.56	
32 17 23 13-0018	SF		Letter/Number, Painted Reflective Pavement Marking	7.23	
32 17 23 13-0019	SF		Symbols, Painted Reflective Pavement Marking	8.61	
			Note: Handicap, railroad, diamond, arrows, etc.		
32 17 23 13-0020			Painted Reflective Pavement Marking (CALTRANS) <small>(32 17 23 13-0001)</small>		
			Note: Per LF of detail.		
32 17 23 13-0021	LF		CALTRANS Detail 1 Centerline, Painted Reflective Pavement Striping	0.27	
			<i>For Up To 5,000 LF, Add</i>	0.05	
			<i>For >25,000 LF, Deduct</i>	-0.04	
32 17 23 13-0022	LF		CALTRANS Detail 2 Centerline, Painted Reflective Pavement Striping	0.39	
			<i>For Up To 5,000 LF, Add</i>	0.08	
			<i>For >25,000 LF, Deduct</i>	-0.06	
32 17 23 13-0023	LF		CALTRANS Detail 4 Centerline	0.70	
			<i>For Up To 5,000 LF, Add</i>	0.14	
			<i>For >25,000 LF, Deduct</i>	-0.11	
32 17 23 13-0024	LF		CALTRANS Detail 5 Centerline, Painted Reflective Pavement Striping	0.26	
			<i>For Up To 5,000 LF, Add</i>	0.05	
			<i>For >25,000 LF, Deduct</i>	-0.04	
32 17 23 13-0025	LF		CALTRANS Detail 6 Centerline, Painted Reflective Pavement Striping	0.39	
			<i>For Up To 5,000 LF, Add</i>	0.08	
			<i>For >25,000 LF, Deduct</i>	-0.06	
32 17 23 13-0026	LF		CALTRANS Detail 7 Centerline	0.51	
			<i>For Up To 5,000 LF, Add</i>	0.10	
			<i>For >25,000 LF, Deduct</i>	-0.08	
32 17 23 13-0027	LF		CALTRANS Detail 8 Lanelines, Painted Reflective Pavement Striping	0.27	
			<i>For Up To 5,000 LF, Add</i>	0.05	
			<i>For >25,000 LF, Deduct</i>	-0.04	
32 17 23 13-0028	LF		CALTRANS Detail 9 Lanelines, Painted Reflective Pavement Striping	0.39	
			<i>For Up To 5,000 LF, Add</i>	0.08	
			<i>For >25,000 LF, Deduct</i>	-0.06	
32 17 23 13-0029	LF		CALTRANS Detail 10 Lanelines	0.70	
			<i>For Up To 5,000 LF, Add</i>	0.14	
			<i>For >25,000 LF, Deduct</i>	-0.11	
32 17 23 13-0030	LF		CALTRANS Detail 11 Lanelines, Painted Reflective Pavement Striping	0.26	
			<i>For Up To 5,000 LF, Add</i>	0.05	
			<i>For >25,000 LF, Deduct</i>	-0.04	
32 17 23 13-0031	LF		CALTRANS Detail 12 Lanelines, Painted Reflective Pavement Striping	0.38	
			<i>For Up To 5,000 LF, Add</i>	0.08	
			<i>For >25,000 LF, Deduct</i>	-0.06	
32 17 23 13-0032	LF		CALTRANS Detail 13 Lanelines	0.51	
			<i>For Up To 5,000 LF, Add</i>	0.10	
			<i>For >25,000 LF, Deduct</i>	-0.08	
32 17 23 13-0033	LF		CALTRANS Detail 14 Lanelines	0.51	
			<i>For Up To 5,000 LF, Add</i>	0.10	
			<i>For >25,000 LF, Deduct</i>	-0.08	
32 17 23 13-0034	LF		CALTRANS Detail 14A Lanelines, Painted Reflective Pavement Striping	0.38	
			<i>For Up To 5,000 LF, Add</i>	0.08	
			<i>For >25,000 LF, Deduct</i>	-0.06	
32 17 23 13-0035	LF		CALTRANS Detail 15 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.35	
			<i>For Up To 5,000 LF, Add</i>	0.07	
			<i>For >25,000 LF, Deduct</i>	-0.05	
			<i>For Broken Line On One Side, Deduct</i>	-0.04	
			<i>For Double Broken Line, Deduct</i>	-0.08	
32 17 23 13-0036	LF		CALTRANS Detail 16 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.86	
			<i>For Up To 5,000 LF, Add</i>	0.17	
			<i>For >25,000 LF, Deduct</i>	-0.13	
32 17 23 13-0037	LF		CALTRANS Detail 17 No Passing Zones-One Direction Lanelines	2.04	
			<i>For Up To 5,000 LF, Add</i>	0.41	
			<i>For >25,000 LF, Deduct</i>	-0.31	

32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 17 Paving Specialties**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 17 23 13-0038	LF	CALTRANS Detail 18 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.35	
		<i>For Up To 5,000 LF, Add</i>	0.07	
		<i>For >25,000 LF, Deduct</i>	-0.05	
		<i>For Broken Line On One Side, Deduct</i>	-0.04	
		<i>For Double Broken Line, Deduct</i>	-0.08	
32 17 23 13-0039	LF	CALTRANS Detail 19 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.72	
		<i>For Up To 5,000 LF, Add</i>	0.14	
		<i>For >25,000 LF, Deduct</i>	-0.11	
32 17 23 13-0040	LF	CALTRANS Detail 20 No Passing Zones-One Direction Lanelines	1.72	
		<i>For Up To 5,000 LF, Add</i>	0.34	
		<i>For >25,000 LF, Deduct</i>	-0.26	
32 17 23 13-0041	LF	CALTRANS Detail 21 No Passing Zones-Two Direction Lanelines, Painted Reflective Pavement Striping	0.42	
		<i>For Up To 5,000 LF, Add</i>	0.08	
		<i>For >25,000 LF, Deduct</i>	-0.06	
		<i>For Broken Line On One Side, Deduct</i>	-0.07	
		<i>For Double Broken Line, Deduct</i>	-0.14	
32 17 23 13-0042	LF	CALTRANS Detail 22 No Passing Zones-Two Direction Lanelines, Painted Reflective Pavement Striping	0.92	
		<i>For Up To 5,000 LF, Add</i>	0.18	
		<i>For >25,000 LF, Deduct</i>	-0.14	
32 17 23 13-0043	LF	CALTRANS Detail 23 No Passing Zones-Two Direction Lanelines	2.42	
		<i>For Up To 5,000 LF, Add</i>	0.48	
		<i>For >25,000 LF, Deduct</i>	-0.36	
32 17 23 13-0044	LF	CALTRANS Detail 24 Left Edgelines, Painted Reflective Pavement Striping	0.33	
		<i>For Up To 5,000 LF, Add</i>	0.07	
		<i>For >25,000 LF, Deduct</i>	-0.05	
32 17 23 13-0045	LF	CALTRANS Detail 25 Left Edgelines, Painted Reflective Pavement Striping	0.45	
		<i>For Up To 5,000 LF, Add</i>	0.09	
		<i>For >25,000 LF, Deduct</i>	-0.07	
32 17 23 13-0046	LF	CALTRANS Detail 25A Left Edgelines, Painted Reflective Pavement Striping	0.58	
		<i>For Up To 5,000 LF, Add</i>	0.12	
		<i>For >25,000 LF, Deduct</i>	-0.09	
32 17 23 13-0047	LF	CALTRANS Detail 26 Left Edgelines	0.13	
		<i>For Up To 5,000 LF, Add</i>	0.03	
		<i>For >25,000 LF, Deduct</i>	-0.02	
32 17 23 13-0048	LF	CALTRANS Detail 27 Left Edgelines, Painted Reflective Pavement Striping	0.54	
		<i>For Up To 5,000 LF, Add</i>	0.11	
		<i>For >25,000 LF, Deduct</i>	-0.08	
32 17 23 13-0049	LF	CALTRANS Detail 27B Right Edgelines, Painted Reflective Pavement Striping	0.33	
		<i>For Up To 5,000 LF, Add</i>	0.07	
		<i>For >25,000 LF, Deduct</i>	-0.05	
32 17 23 13-0050	LF	CALTRANS Detail 27C Right Edgeline Extension Through Intersections, Painted Reflective Pavement Striping	0.26	
		<i>For Up To 5,000 LF, Add</i>	0.05	
		<i>For >25,000 LF, Deduct</i>	-0.04	
32 17 23 13-0051	LF	CALTRANS Detail 28 Median Islands, Painted Reflective Pavement Striping	0.81	
		<i>For Up To 5,000 LF, Add</i>	0.16	
		<i>For >25,000 LF, Deduct</i>	-0.12	
		<i>For Broken Line On One Side, Deduct</i>	-0.13	
		<i>For Double Broken Line, Deduct</i>	-0.26	
32 17 23 13-0052	LF	CALTRANS Detail 29 Median Islands, Painted Reflective Pavement Striping	1.34	
		<i>For Up To 5,000 LF, Add</i>	0.27	
		<i>For >25,000 LF, Deduct</i>	-0.20	
32 17 23 13-0053	LF	CALTRANS Detail 30 Median Islands	4.85	
		<i>For Up To 5,000 LF, Add</i>	0.97	
		<i>For >25,000 LF, Deduct</i>	-0.73	
32 17 23 13-0054	LF	CALTRANS Detail 31 Two-Way Left Turn Lanes, Painted Reflective Pavement Striping	0.68	
		<i>For Up To 5,000 LF, Add</i>	0.14	
		<i>For >25,000 LF, Deduct</i>	-0.10	
		<i>For Broken Line On One Side, Deduct</i>	-0.08	
		<i>For Double Broken Line, Deduct</i>	-0.17	
32 17 23 13-0055	LF	CALTRANS Detail 32 Two-Way Left Turn Lanes, Painted Reflective Pavement Striping	1.32	
		<i>For Up To 5,000 LF, Add</i>	0.26	
		<i>For >25,000 LF, Deduct</i>	-0.20	
32 17 23 13-0056	LF	CALTRANS Detail 33 Two-Way Left Turn Lanes	3.31	
		<i>For Up To 5,000 LF, Add</i>	0.66	
		<i>For >25,000 LF, Deduct</i>	-0.50	
32 17 23 13-0057	LF	CALTRANS Detail 34 Intersection Treatments, Painted Reflective Pavement Striping	0.72	
		<i>For Up To 5,000 LF, Add</i>	0.14	
		<i>For >25,000 LF, Deduct</i>	-0.11	
32 17 23 13-0058	LF	CALTRANS Detail 34A Intersection Treatments, Painted Reflective Pavement Striping	0.35	
		<i>For Up To 5,000 LF, Add</i>	0.07	
		<i>For >25,000 LF, Deduct</i>	-0.05	
32 17 23 13-0059	LF	CALTRANS Detail 35 Intersection Treatments, Painted Reflective Pavement Striping	0.86	
		<i>For Up To 5,000 LF, Add</i>	0.17	
		<i>For >25,000 LF, Deduct</i>	-0.13	
32 17 23 13-0060	LF	CALTRANS Detail 35A Intersection Treatments, Painted Reflective Pavement Striping	0.35	
		<i>For Up To 5,000 LF, Add</i>	0.07	
		<i>For >25,000 LF, Deduct</i>	-0.05	
32 17 23 13-0061	LF	CALTRANS Detail 36 Exit Ramp Neutral Area (Gore) Treatment, Painted Reflective Pavement Striping	1.53	
		<i>For Up To 5,000 LF, Add</i>	0.31	
		<i>For >25,000 LF, Deduct</i>	-0.23	
32 17 23 13-0062	LF	CALTRANS Detail 36A Entrance Ramp Neutral Area (Merge) Treatment, Painted Reflective Pavement Striping	1.00	
		<i>For Up To 5,000 LF, Add</i>	0.20	
		<i>For >25,000 LF, Deduct</i>	-0.15	
32 17 23 13-0063	LF	CALTRANS Detail 36B Entrance Ramp Neutral Area (Acceleration Lane) Treatment, Painted Reflective Pavement Striping	1.08	
		<i>For Up To 5,000 LF, Add</i>	0.22	
		<i>For >25,000 LF, Deduct</i>	-0.16	
32 17 23 13-0064	LF	CALTRANS Detail 37 Lane Drop At Exit Ramps, Painted Reflective Pavement Striping	0.94	
		<i>For Up To 5,000 LF, Add</i>	0.19	
		<i>For >25,000 LF, Deduct</i>	-0.14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0065	LF		CALTRANS Detail 37A Lane Drop At Exit Ramps.....	1.63	
			For Up To 5,000 LF, Add	0.33	
			For >25,000 LF, Deduct	-0.24	
32 17 23 13-0066	LF		CALTRANS Detail 37B Lane Drop At Intersections, Painted Reflective Pavement Striping.....	0.94	
			For Up To 5,000 LF, Add	0.19	
			For >25,000 LF, Deduct	-0.14	
32 17 23 13-0067	LF		CALTRANS Detail 37C Lane Drop At Intersections.....	1.63	
			For Up To 5,000 LF, Add	0.33	
			For >25,000 LF, Deduct	-0.24	
32 17 23 13-0068	LF		CALTRANS Detail 38 Channelizing Line, Painted Reflective Pavement Striping.....	0.91	
			For Up To 5,000 LF, Add	0.18	
			For >25,000 LF, Deduct	-0.14	
32 17 23 13-0069	LF		CALTRANS Detail 38A Channelizing Line, Painted Reflective Pavement Striping.....	0.66	
			For Up To 5,000 LF, Add	0.13	
			For >25,000 LF, Deduct	-0.10	
32 17 23 13-0070	LF		CALTRANS Detail 38B Channelizing Line, Painted Reflective Pavement Striping.....	1.16	
			For Up To 5,000 LF, Add	0.23	
			For >25,000 LF, Deduct	-0.17	
32 17 23 13-0071	LF		CALTRANS Detail 38C Channelizing Line.....	2.42	
			For Up To 5,000 LF, Add	0.48	
			For >25,000 LF, Deduct	-0.36	
32 17 23 13-0072	LF		CALTRANS Detail 39 Bike Lane Line, Painted Reflective Pavement Striping.....	0.40	
			For Up To 5,000 LF, Add	0.08	
			For >25,000 LF, Deduct	-0.06	
32 17 23 13-0073	LF		CALTRANS Detail 39A Intersection Line Bike Lane, Painted Reflective Pavement Striping.....	0.33	
			For Up To 5,000 LF, Add	0.07	
			For >25,000 LF, Deduct	-0.05	
32 17 23 13-0074	LF		CALTRANS Detail 40 Lane Line Extensions Through Intersections, Painted Reflective Pavement Striping.....	0.25	
			For Up To 5,000 LF, Add	0.05	
			For >25,000 LF, Deduct	-0.04	
32 17 23 13-0075	LF		CALTRANS Detail 40A Lane Line Extensions Through Intersections.....	1.15	
			For Up To 5,000 LF, Add	0.23	
			For >25,000 LF, Deduct	-0.17	
32 17 23 13-0076	LF		CALTRANS Detail 41 Center Line Extensions Through Intersections, Painted Reflective Pavement Striping.....	0.25	
			For Up To 5,000 LF, Add	0.05	
			For >25,000 LF, Deduct	-0.04	
32 17 23 13-0077	LF		CALTRANS Detail 41A Center Line Extensions Through Intersections.....	1.15	
			For Up To 5,000 LF, Add	0.23	
			For >25,000 LF, Deduct	-0.17	
32 17 23 13-0078	EA		CALTRANS 10' Arrow, Type I, Painted Reflective Pavement Marking.....	114.82	
			For <10, Add	14.87	
			For >50 To 100, Deduct	-7.44	
			For >100 To 200, Deduct	-9.92	
			For >200, Deduct	-19.83	
32 17 23 13-0079	EA		CALTRANS 18' Arrow, Type I, Painted Reflective Pavement Marking.....	201.50	
			For <10, Add	26.03	
			For >50 To 100, Deduct	-13.01	
			For >100 To 200, Deduct	-17.35	
			For >200, Deduct	-34.70	
32 17 23 13-0080	EA		CALTRANS 24' Arrow, Type I, Painted Reflective Pavement Marking.....	252.85	
			For <10, Add	32.72	
			For >50 To 100, Deduct	-16.36	
			For >100 To 200, Deduct	-21.81	
			For >200, Deduct	-43.63	
32 17 23 13-0081	EA		CALTRANS 24' Arrow With Single (L or R) Turn Arrow, Type II, Painted Reflective Pavement Marking.....	367.66	
			For <10, Add	47.59	
			For >50 To 100, Deduct	-23.80	
			For >100 To 200, Deduct	-31.73	
			For >200, Deduct	-63.46	
32 17 23 13-0082	EA		CALTRANS 24' Arrow With Both (L and R) Turn Arrows, Type II, Painted Reflective Pavement Marking.....	482.50	
			For <10, Add	62.47	
			For >50 To 100, Deduct	-31.23	
			For >100 To 200, Deduct	-41.64	
			For >200, Deduct	-83.29	
32 17 23 13-0083	EA		CALTRANS 24' Arrow Single (L or R) Turn Arrow, Type III, Painted Reflective Pavement Marking.....	339.51	
			For <10, Add	43.87	
			For >50 To 100, Deduct	-21.94	
			For >100 To 200, Deduct	-29.25	
			For >200, Deduct	-58.50	
32 17 23 13-0084	EA		CALTRANS 24' Arrow Both (L and R) Turn Arrows, Type III, Painted Reflective Pavement Marking.....	592.36	
			For <10, Add	76.59	
			For >50 To 100, Deduct	-38.30	
			For >100 To 200, Deduct	-51.06	
			For >200, Deduct	-102.13	
32 17 23 13-0085	EA		CALTRANS 8' Turn Arrow (L or R), Type IV, Painted Reflective Pavement Marking.....	120.90	
			For <10, Add	15.62	
			For >50 To 100, Deduct	-7.81	
			For >100 To 200, Deduct	-10.41	
			For >200, Deduct	-20.82	
32 17 23 13-0086	EA		CALTRANS 24' Arrow, Type V, Painted Reflective Pavement Marking.....	265.00	
			For <10, Add	34.21	
			For >50 To 100, Deduct	-17.10	
			For >100 To 200, Deduct	-22.81	
			For >200, Deduct	-45.61	
32 17 23 13-0087	EA		CALTRANS 18' Arrow, Type VI, Painted Reflective Pavement Marking.....	339.51	
			For <10, Add	43.87	
			For >50 To 100, Deduct	-21.94	
			For >100 To 200, Deduct	-29.25	
			For >200, Deduct	-58.50	

32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 17 Paving Specialties**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 17 23 13-0088	EA	CALTRANS 13' Arrow With Single (L or R) Turn Arrow, Type VII, Painted Reflective Pavement Marking	218.81
		<i>For <10, Add</i>	28.26
		<i>For >50 To 100, Deduct</i>	-14.13
		<i>For >100 To 200, Deduct</i>	-18.84
		<i>For >200, Deduct</i>	-37.68
32 17 23 13-0089	EA	CALTRANS 15' Arrow With Both (L and R) Turn Arrows, Type VIII, Painted Reflective Pavement Marking	288.19
		<i>For <10, Add</i>	37.18
		<i>For >50 To 100, Deduct</i>	-18.59
		<i>For >100 To 200, Deduct</i>	-24.79
		<i>For >200, Deduct</i>	-49.58
32 17 23 13-0090	EA	CALTRANS 5' Arrow, Bike Lane, Painted Reflective Pavement Marking	57.42
		<i>For <10, Add</i>	7.44
		<i>For >50 To 100, Deduct</i>	-3.72
		<i>For >100 To 200, Deduct</i>	-4.96
		<i>For >200, Deduct</i>	-9.92
32 17 23 13-0091	EA	CALTRANS Railroad Crossing Symbol, Painted Reflective Pavement Marking	549.34
		Note: Excludes variable width transverse lines.	
		<i>For <10, Add</i>	70.65
		<i>For >50 To 100, Deduct</i>	-35.32
		<i>For >100 To 200, Deduct</i>	-47.10
		<i>For >200, Deduct</i>	-94.19
32 17 23 13-0092	SF	CALTRANS Solid Area, Painted Reflective Pavement Marking	7.17
32 17 23 13-0093	EA	CALTRANS Bike Lane Symbol Without Person, Painted Reflective Pavement Marking	54.64
		Note: Approximate overall dimensions: 4' width x 8' height.	
		<i>For <10, Add</i>	5.35
		<i>For >50 To 100, Deduct</i>	-2.68
		<i>For >100 To 200, Deduct</i>	-3.57
		<i>For >200, Deduct</i>	-7.14
32 17 23 13-0094	EA	CALTRANS Bike Lane Symbol With Person, Painted Reflective Pavement Marking	57.92
		Note: Approximate overall dimensions: 4' width x 8' height.	
		<i>For <10, Add</i>	5.65
		<i>For >50 To 100, Deduct</i>	-2.83
		<i>For >100 To 200, Deduct</i>	-3.77
		<i>For >200, Deduct</i>	-7.54
32 17 23 13-0095	EA	CALTRANS Diamond Symbol, Painted Reflective Pavement Marking	91.64
		<i>For <10, Add</i>	11.90
		<i>For >50 To 100, Deduct</i>	-5.95
		<i>For >100 To 200, Deduct</i>	-7.93
		<i>For >200, Deduct</i>	-15.86
32 17 23 13-0096	EA	CALTRANS International Symbol Of Accessibility (ISA) Marking, Painted Reflective Pavement Marking	186.37
		<i>For <10, Add</i>	24.09
		<i>For >50 To 100, Deduct</i>	-12.05
		<i>For >100 To 200, Deduct</i>	-16.06
		<i>For >200, Deduct</i>	-32.12
32 17 23 13-0097	EA	CALTRANS Bike Loop Detector Symbol, Painted Reflective Pavement Marking	39.84
		Note: Approximate overall dimensions: 4' width x 8' height.	
		<i>For <10, Add</i>	5.65
		<i>For >50 To 100, Deduct</i>	-2.83
		<i>For >100 To 200, Deduct</i>	-3.77
		<i>For >200, Deduct</i>	-7.54
32 17 23 13-0098	SF	CALTRANS Letter/Number, Painted Reflective Pavement Marking	7.27
32 17 23 13-0099	SF	CALTRANS Symbols, Painted Reflective Pavement Marking	8.06
		Note: Handicap, railroad, diamond, arrows, etc.	

32 17 23 13-0100 Epoxy Reflective Pavement Marking (32 17 23 13-0001)

Note: 15 mil thickness.

32 17 23 13-0101	LF	Single 4" Wide Solid Line, Epoxy Reflective Pavement Striping	0.61
		<i>For 20 Mil Thickness, Add</i>	0.14
		<i>For Up To 5,000 LF, Add</i>	0.12
		<i>For >25,000 LF, Deduct</i>	-0.09
		<i>For Broken Line, Deduct</i>	-0.28
32 17 23 13-0102	LF	Single 6" Wide Solid Line, Epoxy Reflective Pavement Striping	0.84
		<i>For 20 Mil Thickness, Add</i>	0.20
		<i>For Up To 5,000 LF, Add</i>	0.17
		<i>For >25,000 LF, Deduct</i>	-0.13
		<i>For Broken Line, Deduct</i>	-0.41
32 17 23 13-0103	LF	Single 8" Wide Solid Line, Epoxy Reflective Pavement Striping	1.02
		<i>For 20 Mil Thickness, Add</i>	0.24
		<i>For Up To 5,000 LF, Add</i>	0.20
		<i>For >25,000 LF, Deduct</i>	-0.15
		<i>For Broken Line, Deduct</i>	-0.50
32 17 23 13-0104	LF	Single 12" Wide Solid Line, Epoxy Reflective Pavement Striping	1.53
		<i>For 20 Mil Thickness, Add</i>	0.38
		<i>For Up To 5,000 LF, Add</i>	0.31
		<i>For >25,000 LF, Deduct</i>	-0.23
		<i>For Broken Line, Deduct</i>	-0.80
32 17 23 13-0105	LF	Double 4" Wide Solid Lines, Epoxy Reflective Pavement Striping	0.96
		<i>For 20 Mil Thickness, Add</i>	0.25
		<i>For Up To 5,000 LF, Add</i>	0.19
		<i>For >25,000 LF, Deduct</i>	-0.14
		<i>For Broken Line On One Side, Deduct</i>	-0.27
		<i>For Double Broken Line, Deduct</i>	-0.54
32 17 23 13-0106	LF	Double 6" Wide Solid Lines, Epoxy Reflective Pavement Striping	1.37
		<i>For 20 Mil Thickness, Add</i>	0.37
		<i>For Up To 5,000 LF, Add</i>	0.27
		<i>For >25,000 LF, Deduct</i>	-0.21
		<i>For Broken Line On One Side, Deduct</i>	-0.41
		<i>For Double Broken Line, Deduct</i>	-0.81

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0107	SF		Solid Area, Epoxy Reflective Pavement Marking.....	7.88	
			Note: Use this task for: lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.		
			For 20 Mil Thickness, Add	0.94	
32 17 23 13-0108	EA		6" High, Letter/Number, Epoxy Reflective Pavement Marking.....	4.83	
			For 20 Mil Thickness, Add	0.46	
			For <10, Add	0.61	
			For >50 To 100, Deduct	-0.30	
			For >100 To 200, Deduct	-0.41	
			For >200, Deduct	-0.81	
32 17 23 13-0109	EA		12" High, Letter/Number, Epoxy Reflective Pavement Marking.....	8.94	
			For 20 Mil Thickness, Add	1.24	
			For <10, Add	0.92	
			For >50 To 100, Deduct	-0.46	
			For >100 To 200, Deduct	-0.62	
			For >200, Deduct	-1.23	
32 17 23 13-0110	EA		24" High, Letter/Number, Epoxy Reflective Pavement Marking.....	15.11	
			For 20 Mil Thickness, Add	2.14	
			For <10, Add	1.53	
			For >50 To 100, Deduct	-0.77	
			For >100 To 200, Deduct	-1.02	
			For >200, Deduct	-2.04	
32 17 23 13-0111	EA		36" High, Letter/Number, Epoxy Reflective Pavement Marking.....	29.01	
			For 20 Mil Thickness, Add	3.88	
			For <10, Add	3.06	
			For >50 To 100, Deduct	-1.53	
			For >100 To 200, Deduct	-2.04	
			For >200, Deduct	-4.08	
32 17 23 13-0112	EA		48" High, Letter/Number, Epoxy Reflective Pavement Marking.....	34.08	
			For 20 Mil Thickness, Add	4.87	
			For <10, Add	3.44	
			For >50 To 100, Deduct	-1.72	
			For >100 To 200, Deduct	-2.29	
			For >200, Deduct	-4.58	
32 17 23 13-0113	EA		72" High, Letter/Number, Epoxy Reflective Pavement Marking.....	61.15	
			For 20 Mil Thickness, Add	8.84	
			For <10, Add	6.11	
			For >50 To 100, Deduct	-3.06	
			For >100 To 200, Deduct	-4.08	
			For >200, Deduct	-8.15	
32 17 23 13-0114	EA		96" High, Letter/Number, Epoxy Reflective Pavement Marking.....	81.58	
			For 20 Mil Thickness, Add	11.69	
			For <10, Add	8.21	
			For >50 To 100, Deduct	-4.10	
			For >100 To 200, Deduct	-5.47	
			For >200, Deduct	-10.95	
32 17 23 13-0115	EA		120" High, Letter/Number, Epoxy Reflective Pavement Marking.....	127.73	
			For 20 Mil Thickness, Add	23.36	
			For <10, Add	10.17	
			For >50 To 100, Deduct	-5.09	
			For >100 To 200, Deduct	-6.78	
			For >200, Deduct	-13.56	
32 17 23 13-0116	SF		Letter/Number, Epoxy Reflective Pavement Marking.....	8.08	
			For 20 Mil Thickness, Add	0.95	
32 17 23 13-0117	SF		Symbols, Epoxy Reflective Pavement Marking.....	10.16	
			Note: Handicap, railroad, diamond, arrows, etc.		
			For 20 Mil Thickness, Add	1.05	
32 17 23 13-0118			Painted Pavement Striping, Letters And Symbols For Parking Areas (32 17 23 13)		
			Note: Includes primers. Per Coat.		
32 17 23 13-0119			Painted Pavement Marking For Parking Areas (32 17 23 13-0118)		
			Note: 15 mil thickness.		
32 17 23 13-0120	LF		Single 4" Wide Solid Line, Painted Pavement Striping For Parking Areas.....	1.19	
32 17 23 13-0121	LF		Single 6" Wide Solid Line, Painted Pavement Striping For Parking Areas.....	1.29	
32 17 23 13-0122	LF		Single 8" Wide Solid Line, Painted Pavement Striping For Parking Areas.....	1.38	
32 17 23 13-0123	LF		Single 12" Wide Solid Line, Painted Pavement Striping For Parking Areas.....	1.54	
32 17 23 13-0124	SF		Solid Area, Painted Pavement Marking For Parking Areas.....	6.14	
			Note: Use task for lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.		
32 17 23 13-0125	EA		6" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	4.39	
			For Up To 10, Add	0.60	
			For >50 To 100, Deduct	-0.30	
			For >100 To 200, Deduct	-0.40	
			For >200, Deduct	-0.79	
32 17 23 13-0126	EA		12" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	7.46	
			For Up To 10, Add	0.89	
			For >50 To 100, Deduct	-0.45	
			For >100 To 200, Deduct	-0.60	
			For >200, Deduct	-1.19	
32 17 23 13-0127	EA		24" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	12.55	
			For Up To 10, Add	1.49	
			For >50 To 100, Deduct	-0.74	
			For >100 To 200, Deduct	-0.99	
			For >200, Deduct	-1.98	
32 17 23 13-0128	EA		36" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	23.47	
			For Up To 10, Add	2.82	
			For >50 To 100, Deduct	-1.41	
			For >100 To 200, Deduct	-1.88	
			For >200, Deduct	-3.77	

32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 17 Paving Specialties**
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32 17 23 13-0129	EA	42" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	31.12	
		<i>For Up To 10, Add</i>	3.87	
		<i>For >50 To 100, Deduct</i>	-1.93	
		<i>For >100 To 200, Deduct</i>	-2.58	
		<i>For >200, Deduct</i>	-5.16	
32 17 23 13-0130	EA	48" High, Letter/Number/Arrow, Painted Pavement Marking For Parking Areas.....	37.76	
		<i>For Up To 10, Add</i>	4.76	
		<i>For >50 To 100, Deduct</i>	-2.38	
		<i>For >100 To 200, Deduct</i>	-3.17	
		<i>For >200, Deduct</i>	-6.35	
32 17 23 13-0131	EA	72" High, Letter/Number/Arrow, Painted Pavement Marking For Parking Areas.....	50.68	
		<i>For Up To 10, Add</i>	5.95	
		<i>For >50 To 100, Deduct</i>	-2.97	
		<i>For >100 To 200, Deduct</i>	-3.97	
		<i>For >200, Deduct</i>	-7.93	
32 17 23 13-0132	EA	Through Lane Arrow, Painted Pavement Marking For Parking Areas.....	91.27	
		Note: Approximate overall dimensions: 3-1/2' width x 10' height.		
32 17 23 13-0133	EA	Turn Lane Arrow, Painted Pavement Marking For Parking Areas.....	104.85	
		Note: Approximate overall dimensions: 6' width x 8' height.		
32 17 23 13-0134	EA	Dual Turn Lane Arrow, Painted Pavement Marking For Parking Areas.....	150.38	
		Note: Approximate overall dimensions: 11' width x 8' height.		
32 17 23 13-0135	EA	Turn And Through Lane Arrow, Painted Pavement Marking For Parking Areas.....	153.52	
		Note: Approximate overall dimensions: 7' width x 13' height.		
32 17 23 13-0136	EA	Dual Turn And Through Lane Arrow, Painted Pavement Marking For Parking Areas.....	201.44	
		Note: Approximate overall dimensions: 9' width x 15' height.		
32 17 23 13-0137	EA	Handicap Symbol For Standard Parking Stalls, Painted Pavement Marking For Parking Areas.....	36.91	
		Note: Approximate overall dimensions: 2-2/3' width x 3' height. White or blue symbol. Excludes striping.		
		<i>For Blue Background With White Symbol, Add</i>	27.98	
		<i>For Blue Background With White Symbol And Border, Add</i>	34.98	
32 17 23 13-0138	EA	Handicap Symbol For Van Parking Stalls, Painted Pavement Marking For Parking Areas.....	54.65	
		Note: Approximate overall dimensions: 4-1/3' width x 5' height. White or blue symbol. Excludes striping.		
		<i>For Blue Background With White Symbol, Add</i>	57.89	
		<i>For Blue Background With White Symbol And Border, Add</i>	72.37	

32 17 23 13-0139 Painted Curbs (32 17 23 13)

Note: All colors.

32 17 23 13-0140	LF	Reflective Painted Curb.....	3.38	
32 17 23 13-0141	LF	Reflective Painted Curb And Gutter.....	6.43	
32 17 23 13-0142	LF	Painted Curb.....	2.74	
32 17 23 13-0143	LF	Painted Curb And Gutter.....	5.86	

32 17 23 13-0144 Markings For Outdoor Play Areas, Courts (32 17 23 13)

32 17 23 13-0145	LF	2" Wide Marking For Outdoor Play Areas.....	0.96	
32 17 23 13-0146	LF	3" Wide Marking For Outdoor Play Areas.....	1.07	
32 17 23 13-0147	LF	4" Wide Marking For Outdoor Play Areas.....	1.21	
32 17 23 13-0148	LF	6" Wide Marking For Outdoor Play Areas.....	1.42	
32 17 23 13-0149	EA	Paint Playground Game Lines And Background On Asphalt Or Concrete (Hop Scotch, 4 Square, Numbers Games, Etcetera).....	285.33	

32 17 23 23 Raised Pavement Markings (32 17 23)**32 17 23 23-0001 Raised Pavement Markers (RPMs) (32 17 23 23)**

32 17 23 23-0002	EA	One-Way Reflective, Raised Pavement Marker (RPM).....	5.78	2.49
		Note: Type G, H or R		
		<i>For >100, Deduct</i>	-0.58	
32 17 23 23-0003	EA	Two-Way Reflective, Raised Pavement Marker (RPM).....	6.11	2.49
		Note: Type B, C, D, AC, RA or RR		
		<i>For >100, Deduct</i>	-0.61	
32 17 23 23-0004	EA	4" Diameter, Round Reflective, Raised Pavement Marker (RPM).....	6.91	2.49
		<i>For >100, Deduct</i>	-0.69	
32 17 23 23-0005	EA	4" Diameter, Non-Reflective, Raised Pavement Marker (RPM).....	5.35	2.49
		Note: Type A or AY		
		<i>For >100, Deduct</i>	-0.54	

32 17 23 23-0006 Snowplowable Pavement Markers (32 17 23 23)

32 17 23 23-0007	EA	One-Way Reflective, Snowplowable Pavement Marker With Center Rail.....	71.83	30.67
		Note: Type G, H or R		
32 17 23 23-0008	EA	Two-Way Reflective, Snowplowable Pavement Marker With Center Rail.....	72.12	30.67
		Note: Type B, C, D, AC, RA or RR		
32 17 23 23-0009	EA	Removal And Replacement Of Reflector For One-Way Reflective, Recessed (Plowable) Pavement Marker.....	19.57	
32 17 23 23-0010	EA	Removal And Replacement Of Reflectors For Two-Way Reflective, Recessed (Plowable) Pavement Marker.....	24.97	

32 17 23 33 Plastic Pavement Markings (32 17 23)**32 17 23 33-0001 Thermoplastic Pavement Striping, Letters, Symbols And Markers For Roads (32 17 23 33)**

Note: Includes primers, adhesive and glass beads where required. For broken line modifier quantity use total lane length.

32 17 23 33-0002 Thermoplastic Reflective Pavement Marking (32 17 23 33-0001)

Note: 90 mil thickness.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0003	LF		Single 4" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping	1.38	
			<i>For Up To 5,000 LF, Add</i>	0.28	
			<i>For >25,000 LF, Deduct</i>	-0.21	
			<i>For 60 mils Thick, Deduct</i>	-0.19	
			<i>For 125 mils Thick, Add</i>	0.24	
			<i>For Broken Line, Deduct</i>	-0.80	
32 17 23 33-0004	LF		Single 6" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping	1.98	
			Note: Includes yellow or white.		
			<i>For Up To 5,000 LF, Add</i>	0.40	
			<i>For >25,000 LF, Deduct</i>	-0.30	
			<i>For 60 mils Thick, Deduct</i>	-0.28	
			<i>For 125 mils Thick, Add</i>	0.36	
			<i>For Broken Line, Deduct</i>	-1.20	
32 17 23 33-0005	LF		Single 8" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping	2.61	
			Note: Includes yellow or white.		
			<i>For Up To 5,000 LF, Add</i>	0.52	
			<i>For >25,000 LF, Deduct</i>	-0.39	
			<i>For 60 mils Thick, Deduct</i>	-0.37	
			<i>For 125 mils Thick, Add</i>	0.48	
			<i>For Broken Line, Deduct</i>	-1.60	
32 17 23 33-0006	LF		Single 12" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping	3.82	
			Note: Includes yellow or white.		
			<i>For Up To 5,000 LF, Add</i>	0.76	
			<i>For >25,000 LF, Deduct</i>	-0.57	
			<i>For 60 mils Thick, Deduct</i>	-0.56	
			<i>For 125 mils Thick, Add</i>	0.72	
			<i>For Broken Line, Deduct</i>	-2.40	
32 17 23 33-0007	LF		Double 4" Wide Solid Lines, 90 Mil Thick, Thermoplastic Reflective Pavement Striping	2.59	
			Note: Includes yellow or white.		
			<i>For Up To 5,000 LF, Add</i>	0.52	
			<i>For >25,000 LF, Deduct</i>	-0.39	
			<i>For 60 mils Thick, Deduct</i>	-0.37	
			<i>For 125 mils Thick, Add</i>	0.48	
			<i>For Broken Line On One Side, Deduct</i>	-0.80	
			<i>For Double Broken Line, Deduct</i>	-1.60	
32 17 23 33-0008	LF		Double 6" Wide Solid Lines, 90 Mil Thick, Thermoplastic Reflective Pavement Striping	3.82	
			Note: Includes yellow or white.		
			<i>For Up To 5,000 LF, Add</i>	0.76	
			<i>For >25,000 LF, Deduct</i>	-0.57	
			<i>For 60 mils Thick, Deduct</i>	-0.56	
			<i>For 125 mils Thick, Add</i>	0.72	
			<i>For Broken Line On One Side, Deduct</i>	-1.20	
			<i>For Double Broken Line, Deduct</i>	-2.40	
32 17 23 33-0009	SF		Solid Area, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	9.13	
			Note: Includes yellow or white.		
			<i>For 60 mils Thick, Deduct</i>	-0.56	
			<i>For 125 mils Thick, Add</i>	0.72	
32 17 23 33-0010	EA		6" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	6.08	
			<i>For Up To 10, Add</i>	0.67	
			<i>For >50 To 100, Deduct</i>	-0.34	
			<i>For >100 To 200, Deduct</i>	-0.45	
			<i>For >200, Deduct</i>	-0.89	
			<i>For 60 mils Thick, Deduct</i>	-0.28	
			<i>For 125 mils Thick, Add</i>	0.36	
32 17 23 33-0011	EA		12" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	12.57	
			<i>For Up To 10, Add</i>	1.01	
			<i>For >50 To 100, Deduct</i>	-0.51	
			<i>For >100 To 200, Deduct</i>	-0.67	
			<i>For >200, Deduct</i>	-1.35	
			<i>For 60 mils Thick, Deduct</i>	-1.02	
			<i>For 125 mils Thick, Add</i>	1.31	
32 17 23 33-0012	EA		24" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	21.41	
			<i>For Up To 10, Add</i>	1.68	
			<i>For >50 To 100, Deduct</i>	-0.84	
			<i>For >100 To 200, Deduct</i>	-1.12	
			<i>For >200, Deduct</i>	-2.24	
			<i>For 60 mils Thick, Deduct</i>	-1.79	
			<i>For 125 mils Thick, Add</i>	2.30	
32 17 23 33-0013	EA		36" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	40.46	
			<i>For Up To 10, Add</i>	3.38	
			<i>For >50 To 100, Deduct</i>	-1.69	
			<i>For >100 To 200, Deduct</i>	-2.25	
			<i>For >200, Deduct</i>	-4.50	
			<i>For 60 mils Thick, Deduct</i>	-3.14	
			<i>For 125 mils Thick, Add</i>	4.04	
32 17 23 33-0014	EA		48" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	48.51	
			<i>For Up To 10, Add</i>	3.78	
			<i>For >50 To 100, Deduct</i>	-1.89	
			<i>For >100 To 200, Deduct</i>	-2.52	
			<i>For >200, Deduct</i>	-5.04	
			<i>For 60 mils Thick, Deduct</i>	-4.08	
			<i>For 125 mils Thick, Add</i>	5.25	
32 17 23 33-0015	EA		72" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	87.45	
			<i>For Up To 10, Add</i>	6.72	
			<i>For >50 To 100, Deduct</i>	-3.36	
			<i>For >100 To 200, Deduct</i>	-4.48	
			<i>For >200, Deduct</i>	-8.96	
			<i>For 60 mils Thick, Deduct</i>	-7.46	
			<i>For 125 mils Thick, Add</i>	9.59	

32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 17 Paving Specialties**
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32 17 23 33-0016	EA	96" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	116.28	
		<i>For Up To 10, Add</i>	9.03	
		<i>For >50 To 100, Deduct</i>	-4.51	
		<i>For >100 To 200, Deduct</i>	-6.02	
		<i>For >200, Deduct</i>	-12.04	
		<i>For 60 mils Thick, Deduct</i>	-9.82	
		<i>For 125 mils Thick, Add</i>	12.62	
32 17 23 33-0017	EA	120" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	199.75	
		<i>For Up To 10, Add</i>	11.18	
		<i>For >50 To 100, Deduct</i>	-5.59	
		<i>For >100 To 200, Deduct</i>	-7.46	
		<i>For >200, Deduct</i>	-14.91	
		<i>For 60 mils Thick, Deduct</i>	-21.91	
		<i>For 125 mils Thick, Add</i>	28.17	
32 17 23 33-0018	SF	Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	10.78	
		<i>For 60 mils Thick, Deduct</i>	-0.71	
		<i>For 125 mils Thick, Add</i>	0.91	
32 17 23 33-0019	SY	Cross Hatch, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	31.95	
		Note: Per SY of area.		
		<i>For 60 mils Thick, Deduct</i>	-1.25	
		<i>For 125 mils Thick, Add</i>	1.61	
32 17 23 33-0020	EA	Handicap Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	282.17	
		<i>For 60 mils Thick, Deduct</i>	-16.26	
		<i>For 125 mils Thick, Add</i>	20.90	
32 17 23 33-0021	EA	Railroad Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	837.94	
		<i>For 60 mils Thick, Deduct</i>	-49.47	
		<i>For 125 mils Thick, Add</i>	63.61	
32 17 23 33-0022	EA	Bike Lane Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	167.62	
		Note: Approximate overall dimensions: 4' width x 8' height.		
		<i>For 60 mils Thick, Deduct</i>	-22.39	
		<i>For 125 mils Thick, Add</i>	28.79	
32 17 23 33-0023	EA	Diamond Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	134.95	
		<i>For 60 mils Thick, Deduct</i>	-7.77	
		<i>For 125 mils Thick, Add</i>	9.99	
32 17 23 33-0024	SF	Symbols, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	12.27	
		Note: Handicap, railroad, diamond, arrows, etc.		
		<i>For 60 mils Thick, Deduct</i>	-0.71	
		<i>For 125 mils Thick, Add</i>	0.91	
32 17 23 33-0025	EA	10' Arrow, Type I, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	171.75	
		<i>For 60 mils Thick, Deduct</i>	-9.89	
		<i>For 125 mils Thick, Add</i>	12.72	
32 17 23 33-0026	EA	18' Arrow, Type I, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	306.70	
		<i>For 60 mils Thick, Deduct</i>	-17.67	
		<i>For 125 mils Thick, Add</i>	22.72	
32 17 23 33-0027	EA	24' Arrow, Type I, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	380.31	
		<i>For 60 mils Thick, Deduct</i>	-21.91	
		<i>For 125 mils Thick, Add</i>	28.17	
32 17 23 33-0028	EA	24' Arrow With Single (L or R) Turn Arrow, Type II, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	552.06	
		<i>For 60 mils Thick, Deduct</i>	-31.80	
		<i>For 125 mils Thick, Add</i>	40.89	
32 17 23 33-0029	EA	24' Arrow With Both (L and R) Turn Arrows, Type II, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	723.82	
		<i>For 60 mils Thick, Deduct</i>	-41.70	
		<i>For 125 mils Thick, Add</i>	53.61	
32 17 23 33-0030	EA	24' Arrow Single (L or R) Turn Arrow, Type III, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	515.26	
		<i>For 60 mils Thick, Deduct</i>	-29.68	
		<i>For 125 mils Thick, Add</i>	38.16	
32 17 23 33-0031	EA	24' Arrow Both (L and R) Turn Arrows, Type III, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	895.57	
		<i>For 60 mils Thick, Deduct</i>	-51.59	
		<i>For 125 mils Thick, Add</i>	66.33	
32 17 23 33-0032	EA	8' Turn Arrow (L or R), Type IV, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	184.03	
		<i>For 60 mils Thick, Deduct</i>	-10.60	
		<i>For 125 mils Thick, Add</i>	13.63	
32 17 23 33-0033	EA	24' Arrow, Type V, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	404.84	
		<i>For 60 mils Thick, Deduct</i>	-23.32	
		<i>For 125 mils Thick, Add</i>	29.99	
32 17 23 33-0034	EA	18' Arrow, Type VI, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	515.26	
		<i>For 60 mils Thick, Deduct</i>	-29.68	
		<i>For 125 mils Thick, Add</i>	38.16	
32 17 23 33-0035	EA	13' Arrow With Single (L or R) Turn Arrow, Type VII, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	331.24	
		<i>For 60 mils Thick, Deduct</i>	-19.08	
		<i>For 125 mils Thick, Add</i>	24.53	
32 17 23 33-0036	EA	15' Arrow With Both (L and R) Turn Arrows, Type VIII, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	441.65	
		<i>For 60 mils Thick, Deduct</i>	-25.44	
		<i>For 125 mils Thick, Add</i>	32.71	
32 17 23 33-0037	EA	5' Arrow, Bike Lane, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	85.88	
		<i>For 60 mils Thick, Deduct</i>	-4.95	
		<i>For 125 mils Thick, Add</i>	6.36	
32 17 23 33-0038		Thermoplastic Reflective Pavement Striping By Hand For Repairs <small>(32 17 23 33-0001)</small>		
32 17 23 33-0039	LF	Single 4" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs	3.17	
		<i>For 60 mils Thick, Deduct</i>	-0.19	
		<i>For 125 mils Thick, Add</i>	0.24	
32 17 23 33-0040	LF	Single 6" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs	3.99	
		<i>For 60 mils Thick, Deduct</i>	-0.28	
		<i>For 125 mils Thick, Add</i>	0.36	
32 17 23 33-0041	LF	Single 8" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs	4.91	
		<i>For 60 mils Thick, Deduct</i>	-0.37	
		<i>For 125 mils Thick, Add</i>	0.48	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0042	LF		Single 12" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs 7.06 <i>For 60 mils Thick, Deduct</i> -0.56 <i>For 125 mils Thick, Add</i> 0.72		
32 17 23 33-0043	LF		Single 24" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs 12.67 <i>For 60 mils Thick, Deduct</i> -1.12 <i>For 125 mils Thick, Add</i> 1.44		
32 17 23 33-0044			Preformed, Patterned Reflective Pavement Marking Tape <small>(32 17 23 33-0001)</small> Note: Applied with pressure sensitive adhesive. Includes adhesive. 60 mil thickness. (3M Stamark 380 Series).		
32 17 23 33-0045	LF		Single 4" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping 2.94 Note: Includes yellow or white. <i>For Up To 5,000 LF, Add</i> 0.59 <i>For >25,000 LF, Deduct</i> -0.44		
32 17 23 33-0046	LF		Single 6" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping 4.35 Note: Includes yellow or white. <i>For Up To 5,000 LF, Add</i> 0.87 <i>For >25,000 LF, Deduct</i> -0.65		
32 17 23 33-0047	LF		Single 8" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping 5.77 Note: Includes yellow or white. <i>For Up To 5,000 LF, Add</i> 1.15 <i>For >25,000 LF, Deduct</i> -0.87		
32 17 23 33-0048	LF		Single 12" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping 8.56 Note: Includes yellow or white. <i>For Up To 5,000 LF, Add</i> 1.71 <i>For >25,000 LF, Deduct</i> -1.28		
32 17 23 33-0049	SF		Solid Area, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Marking Tape 24.17 Note: Includes yellow or white.		
32 17 23 33-0050	EA		6" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape 35.84 <i>For <10, Add</i> 1.22 <i>For >50 To 100, Deduct</i> -0.61 <i>For >100 To 200, Deduct</i> -0.81 <i>For >200, Deduct</i> -1.63		
32 17 23 33-0051	EA		12" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape 63.04 <i>For <10, Add</i> 1.55 <i>For >50 To 100, Deduct</i> -0.77 <i>For >100 To 200, Deduct</i> -1.03 <i>For >200, Deduct</i> -2.06		
32 17 23 33-0052	EA		24" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape 108.46 <i>For <10, Add</i> 3.06 <i>For >50 To 100, Deduct</i> -1.53 <i>For >100 To 200, Deduct</i> -2.04 <i>For >200, Deduct</i> -4.08		
32 17 23 33-0053	EA		36" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape 157.22 <i>For <10, Add</i> 6.13 <i>For >50 To 100, Deduct</i> -3.06 <i>For >100 To 200, Deduct</i> -4.09 <i>For >200, Deduct</i> -8.17		
32 17 23 33-0054	EA		48" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape 184.17 <i>For <10, Add</i> 6.87 <i>For >50 To 100, Deduct</i> -3.44 <i>For >100 To 200, Deduct</i> -4.58 <i>For >200, Deduct</i> -9.16		
32 17 23 33-0055	EA		72" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape 237.03 <i>For <10, Add</i> 12.23 <i>For >50 To 100, Deduct</i> -6.11 <i>For >100 To 200, Deduct</i> -8.15 <i>For >200, Deduct</i> -16.30		
32 17 23 33-0056	EA		96" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape 302.52 <i>For <10, Add</i> 16.42 <i>For >50 To 100, Deduct</i> -8.21 <i>For >100 To 200, Deduct</i> -10.95 <i>For >200, Deduct</i> -21.89		
32 17 23 33-0057	EA		120" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape 379.11 <i>For <10, Add</i> 20.35 <i>For >50 To 100, Deduct</i> -10.17 <i>For >100 To 200, Deduct</i> -13.56 <i>For >200, Deduct</i> -27.13		
32 17 23 33-0058	SF		Preformed Arrow, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape 24.96		
32 17 23 33-0059	SF		Preformed Symbol, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape 26.45 Note: Handicap, railroad, diamond symbol, etc.		
32 17 23 33-0060			Preformed, Thermoplastic Reflective Pavement Marking <small>(32 17 23 33-0001)</small> Note: Heat applied. (Flint PreMark or HotTape Series).		
32 17 23 33-0061	EA		Preformed Bike Lane Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape 357.56 Note: Approximate overall dimensions: 4' width x 8' height.		
32 17 23 33-0062	EA		Preformed Railroad Crossing Symbol, 125 Mil Thick, Thermoplastic Reflective Pavement Marking Tape 947.88 Note: Approximate overall dimensions: 8' width x 20' height. Excludes transverse lines.		
32 17 23 33-0063	EA		Preformed Preferential Lane Symbol (Diamond), 125 Mil Thick, Thermoplastic Reflective Pavement Marking Tape 191.10 Note: Approximate overall dimensions: 3-1/4' width x 13' height.		
32 17 23 33-0064	EA		6' Height, Preformed Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape 162.27 Note: Approximate overall dimensions: 2' width x 6' height.		
32 17 23 33-0065	EA		9-1/2' Height, Preformed Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape 312.13 Note: Approximate overall dimensions: 3-1/4' width x 9-1/2' height.		
32 17 23 33-0066	EA		4' Height, Preformed Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape 187.43 Note: Approximate overall dimensions: 3' width x 4' height.		
32 17 23 33-0067	EA		8' Height, Preformed Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape 347.09 Note: Approximate overall dimensions: 6' width x 8' height.		

32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 17 Paving Specialties**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 17 23 33-0068	EA	Preformed Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape.....590.91 Note: Approximate overall dimensions: 7-1/4' width x 12-3/4' height.	
32 17 23 33-0069	EA	Preformed Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape .....887.90 Note: Approximate overall dimensions: 11-1/4' width x 13-1/4' height.	
32 17 23 33-0070	EA	Preformed Elongated Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape .....321.85 Note: Approximate overall dimensions: 1-2/3' width x 12' height.	
32 17 23 33-0071	EA	Preformed Elongated Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape .....356.81 Note: Approximate overall dimensions: 3' width x 12' height.	
32 17 23 33-0072	EA	Preformed Elongated Dual Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape .....654.12 Note: Approximate overall dimensions: 5-1/2' width x 12' height.	
32 17 23 33-0073	EA	Preformed Elongated Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape .....601.81 Note: Approximate overall dimensions: 3-1/2' width x 20' height.	
32 17 23 33-0074	EA	Preformed Elongated Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape.....604.79 Note: Approximate overall dimensions: 5-1/2' width x 20' height.	
32 17 23 33-0075	EA	Preformed Lane-Reduction Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape .....829.17 Note: Approximate overall dimensions: 5-1/2' width x 18' height.	

32 17 23 33-0076 Thermoplastic Pavement Striping, Letters And Symbols For Parking Areas

(32 17 23 33)

32 17 23 33-0077 Thermoplastic Pavement Marking Symbols For Parking Areas (32 17 23 33-0076)

Note: Heat applied. (Flint PreMark Series).

32 17 23 33-0078	EA	28" Handicap Symbol For Standard Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas .....122.82 Note: White or blue symbol. Excludes striping.	
32 17 23 33-0079	EA	39" Handicap Symbol For Standard Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas .....455.63 Note: Approximate overall dimensions: 2-2/3' width x 3' height. White or blue symbol. Excludes striping.	
32 17 23 33-0080	EA	40" x 40" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas .....259.21 Note: White symbol on blue background. Excludes striping.	
32 17 23 33-0081	EA	45" x 45" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas .....311.00 Note: White symbol on blue background. Excludes striping.	
32 17 23 33-0082	EA	48" x 48" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas .....325.89 Note: White symbol on blue background. Excludes striping.	

32 17 26 Tactile Warning Surfaces (32 17)**32 17 26 00-0001 Vitrified Polymer Composite (VPC); (Armor Tile) (32 17 26)**

Note: Truncated dome, raised strips or directional bars. All colors.

32 17 26 00-0002	SF	Surface Applied VPC Truncated Dome Detectable Warning Surface .....69.48	10.10
32 17 26 00-0003	SF	Embedded, VPC Truncated Dome Detectable Warning Surface .....56.36 Note: Also raised strips or directional bars. All colors.	10.10

32 17 26 00-0004 Fiber-Reinforced, Polymermodified Cement And Coated With Acrylic Resin Emulsion (SatetyStep TD) (32 17 26)

Note: Pre-molded tactile dome sheet. All colors.

32 17 26 00-0005	SF	Up To 15 SF, Surface Applied Pre-Molded Tactile Warning Mat (SSTD-MAT) .....78.99 Note: Includes surface preparation, SSTD-589 adhesive, SSTD-100 top coat sealer and SSTD-1250 finish . All colors. 2' or 3' width.	10.10
32 17 26 00-0006	SF	>15 To 36 SF, Surface Applied Pre-Molded Tactile Warning Mat (SSTD-MAT) .....69.91 Note: Includes surface preparation, SSTD-589 adhesive, SSTD-100 top coat sealer and SSTD-1250 finish . All colors. 2' or 3' width.	10.10

32 30 Site Improvements (32)**32 31 Fences and Gates (32 30)****32 31 11 Gate Operators (32 31)****32 31 11 00-0001 Gate Operators (32 31 11)**

Note: Excludes gates, electrical connections, access controls and concrete foundation.

32 31 11 00-0002 Swing Gate Actuator (DKS™ DoorKing®) (32 31 11 00-0001)**32 31 11 00-0003 Single Gate, Swing Gate Actuator (32 31 11 00-0002)**

32 31 11 00-0004	EA	Up To 10' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Actuator (DKS™ DoorKing® 6003) .....1,955.72	205.49
32 31 11 00-0005	EA	Up To 14' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Actuator (DKS™ DoorKing® 6002) .....2,625.10 Note: Includes one primary operator with a 14' wide gate capacity.	205.49

32 31 11 00-0006 Dual Gate, Swing Gate Actuator (32 31 11 00-0002)

32 31 11 00-0007	EA	Up To 10' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Actuator (DKS™ DoorKing® 6003) .....3,911.45	410.98
32 31 11 00-0008	EA	Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Actuator (DKS™ DoorKing® 6002) .....5,250.22 Note: Includes one primary and one secondary operator each with a 14' wide gate capacity.	410.98

32 31 11 00-0009 Swing Gate Operators (DKS™ DoorKing®) (32 31 11 00-0001)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 11 00-0010			Single Gate, Swing Gate Operators (32 31 11 00-0009)		
32 31 11 00-0011	EA		400 LB Capacity, Up To 10' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6050).....	4,049.70	205.49
			Note: Includes one primary operator with a 10' wide and 400 LB gate capacity.		
32 31 11 00-0012	EA		500 LB Capacity, Up To 14' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6100).....	4,410.13	205.49
			Note: Includes one primary operator with a 14' wide and 500 LB gate capacity.		
32 31 11 00-0013	EA		700 LB Capacity, Up To 18' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6500).....	6,006.36	205.49
			Note: Includes one primary operator with an 18' wide and 700 LB gate capacity.		
			For 208/230/460 Volt AC, Add	322.50	
32 31 11 00-0014	EA		800 LB Capacity, Up To 22' Wide Gate, 1 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6500).....	6,813.06	205.49
			Note: Includes one primary operator with a 22' wide and 800 LB gate capacity.		
			For 208/230/460 Volt AC, Add	322.50	
32 31 11 00-0015			Dual Gate, Swing Gate Operators (32 31 11 00-0009)		
32 31 11 00-0016	EA		400 LB Capacity, Up To 10' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6050).....	7,155.39	410.98
			Note: Includes one primary and one secondary operator each with a 10' wide and 400 LB gate capacity.		
32 31 11 00-0017	EA		500 LB Capacity, Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6100).....	7,876.27	410.98
			Note: Includes one primary and one secondary operator each with a 14' wide and 500 LB gate capacity.		
32 31 11 00-0018	EA		700 LB Capacity, Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6500).....	11,051.57	410.98
			Note: Includes one primary and one secondary operator each with an 18' wide and 700 LB gate capacity.		
			For 208/230/460 Volt AC, Add	322.50	
32 31 11 00-0019	EA		800 LB Capacity, Up To 22' Wide Gates, 1 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6500).....	12,819.43	410.98
			Note: Includes one primary and one secondary operator each with a 22' wide and 800 LB gate capacity.		
			For 208/230/460 Volt AC, Add	322.50	
32 31 11 00-0020			Sliding Gate Operators (DKS™ DoorKing®) (32 31 11 00-0001)		
			Note: Includes 20' of chain. See CSI section 32 31 11 00-0029 for additional chain over 20'.		
32 31 11 00-0021	EA		300 LB Capacity, Up To 16' Wide Gate, 1/2 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9050).....	1,810.22	205.49
			Note: Includes operator, chain brackets, hardware and 20' of #41 chain.		
32 31 11 00-0022	EA		1,000 LB Capacity, Up To 30' Wide Gate, 1/2 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9100).....	2,528.44	246.59
			Note: Includes operator, chain brackets, hardware and 20' of #41 chain.		
32 31 11 00-0023	EA		1,500 LB Capacity, Up To 45' Wide Gate, 1 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9150).....	3,122.06	246.59
			Note: Includes operator, chain brackets, hardware and 20' of #40 chain.		
32 31 11 00-0024	EA		3,000 LB Capacity, Up To 100' Wide Gate, 1 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9210).....	4,073.47	287.69
			Note: Includes operator, chain brackets, hardware and 20' of #50 chain.		
32 31 11 00-0025	EA		2,000 LB Capacity, Up To 100' Wide Gate, 1 HP Motor, 208/230 Volt AC, Variable Speed, Sliding Gate Operator (DKS™ DoorKing® 9220).....	4,989.34	287.69
			Note: Includes operator, chain brackets, hardware and 20' of #50 chain.		
32 31 11 00-0026	EA		5,000 LB Capacity, Up To 100' Wide Gate, 3 HP Motor, 208/230 Volt AC, Variable Speed, Sliding Gate Operator (DKS™ DoorKing® 9230).....	6,801.51	328.79
			Note: Includes operator, chain brackets, hardware and 20' of #60 chain.		
32 31 11 00-0027	EA		5,000 LB Capacity, Up To 100' Wide Gate, 3 HP Motor, 208/230 Volt AC, High Speed, Sliding Gate Operator (DKS™ DoorKing® 9530).....	11,342.69	328.79
			Note: Includes operator, chain brackets, hardware and 20' of #60 chain.		
32 31 11 00-0028	EA		10,000 LB Capacity, Up To 160' Wide Gate, 5 HP Motor, 208/230 Volt AC, High Speed, Sliding Gate Operator (DKS™ DoorKing® 9550).....	19,209.75	369.89
			Note: Includes operator, chain brackets, hardware and 20' of #60 chain.		
32 31 11 00-0029			Accessories For Gate Actuators And Operators (DKS™ DoorKing®) (32 31 11 00-0001)		
32 31 11 00-0030	EA		Single Channel Detector Loop For Gate Actuators And Operators (DKS™ DoorKing® 9410).....	630.11	
32 31 11 00-0031	EA		Two Channel Detector Loop For Gate Actuators And Operators (DKS™ DoorKing® 9409).....	1,224.16	
32 31 11 00-0032	EA		Heater Kit For Gate Actuators And Operators (DKS™ DoorKing® 1601).....	850.94	
32 31 11 00-0033	EA		Photoelectric Eye For Gate Actuators And Operators (DKS™ DoorKing® 8080-031).....	915.98	
32 31 11 00-0034	EA		Reversing Edge Sensor For Gate Actuators And Operators (DKS™ DoorKing® 8080-020).....	812.99	
32 31 11 00-0035	EA		Post Mount Base Plate For Gate Actuators And Operators (DKS™ DoorKing® 9310).....	564.12	
32 31 11 00-0036	LF		#40 Chain For Sliding Gate Operators.....	5.68	
32 31 11 00-0037	LF		#41 Chain For Sliding Gate Operators.....	5.94	
32 31 11 00-0038	LF		#50 Chain For Sliding Gate Operators.....	7.58	
32 31 11 00-0039	LF		#60 Chain For Sliding Gate Operators.....	11.66	
32 31 11 00-0040	EA		Exterior Keypad Gate Operator (Linear AK-11).....	692.23	143.07
32 31 11 00-0041			Sliding Gate Operator (LiftMaster) (32 31 11 00-0001)		
32 31 11 00-0042	EA		Up To 1,500 LB Capacity, 120/230 Volt, Single Phase, Sliding Gate Operator With 24 Volt DC Motor (Liftmaster® CSL24U).....	2,918.68	252.43
			Note: Includes 30' Chain, Retro-Reflective Photoelectric Sensor and Reflector Hoods (LMRRUL) and 5' Resistive Safety Edge (S505AL).		
			For Monitored Wireless Edge Receiver And Transmitter Option (Liftmaster LMWEKITU), Add	199.72	
			For Plug-In Loop Detector Option (Liftmaster LOOPDETLM), Add	142.96	
			For LED Strobe Light With Siren (Liftmaster SL-1301-SAQ), Add	70.40	
			For 10 Watt Solar Panel (Liftmaster SP10W12V), Add	282.98	
			For Each Additional 10' Chain, Add	42.39	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
32 31 13 Chain Link Fences and Gates (32 31)**32 31 13 13 Chain Link Fences and Gates (32 31 13)**

32 31 13 13-0001	Post Holes (32 31 13 13)		
	Note: Excludes spreading of excess material on site or loading and removal of excavated material from site. See CSI section 02 41 19 13-0025 for core drilling in concrete, 02 41 19 13-0163 for core drilling in asphalt.		
32 31 13 13-0002	Auger By Machine Fence Post Hole In Soil (32 31 13 13-0001)		
32 31 13 13-0003	VLF Up To 2-1/2" Diameter Hole, Auger By Machine Fence Post Hole In Soil	9.40	
32 31 13 13-0004	VLF 2-1/2" Diameter Hole, Auger By Machine Fence Post Hole In Soil	10.58	
32 31 13 13-0005	VLF 3" Diameter Hole, Auger By Machine Fence Post Hole In Soil	12.54	
32 31 13 13-0006	VLF 4" Diameter Hole, Auger By Machine Fence Post Hole In Soil	14.10	
32 31 13 13-0007	VLF 6" Diameter Hole, Auger By Machine Fence Post Hole In Soil	15.38	
32 31 13 13-0008	VLF 8" Diameter Hole, Auger By Machine Fence Post Hole In Soil	16.92	
32 31 13 13-0009	VLF 10" Diameter Hole, Auger By Machine Fence Post Hole In Soil	18.81	
32 31 13 13-0010	VLF 12" Diameter Hole, Auger By Machine Fence Post Hole In Soil	21.16	
32 31 13 13-0011	VLF 18" Diameter Hole, Auger By Machine Fence Post Hole In Soil	24.18	
32 31 13 13-0012	VLF 24" Diameter Hole, Auger By Machine Fence Post Hole In Soil	28.21	
32 31 13 13-0013	VLF 30" Diameter Hole, Auger By Machine Fence Post Hole In Soil	33.85	
32 31 13 13-0014	VLF 36" Diameter Hole, Auger By Machine Fence Post Hole In Soil	42.31	
32 31 13 13-0015	Post Hole In Rock (32 31 13 13-0001)		
32 31 13 13-0016	CF Jackhammer Post Hole In Rock	69.45	
32 31 13 13-0017	CF Rock Drill Post Hole In Rock	20.31	
32 31 13 13-0018	Fill For Post Holes (32 31 13 13-0001)		
	See CSI section 03 21 00 00-0000 for reinforcing bars.		
32 31 13 13-0019	Concrete Fill For Post Holes (32 31 13 13-0018)		
32 31 13 13-0020	VLF Up To 2-1/2" Diameter, Concrete Fill For Post Hole	5.84	
32 31 13 13-0021	VLF 2-1/2" Diameter, Concrete Fill For Post Hole	7.50	
32 31 13 13-0022	VLF 3" Diameter, Concrete Fill For Post Hole	8.31	
32 31 13 13-0023	VLF 4" Diameter, Concrete Fill For Post Hole	9.66	
32 31 13 13-0024	VLF 6" Diameter, Concrete Fill For Post Hole	13.69	
32 31 13 13-0025	VLF 8" Diameter, Concrete Fill For Post Hole	18.28	
32 31 13 13-0026	VLF 10" Diameter, Concrete Fill For Post Hole	22.40	
32 31 13 13-0027	VLF 12" Diameter, Concrete Fill For Post Hole	26.18	
32 31 13 13-0028	VLF 18" Diameter, Concrete Fill For Post Hole	36.00	
32 31 13 13-0029	VLF 24" Diameter, Concrete Fill For Post Hole	45.01	
32 31 13 13-0030	VLF 30" Diameter, Concrete Fill For Post Hole	53.81	
32 31 13 13-0031	VLF 36" Diameter, Concrete Fill For Post Hole	63.01	
32 31 13 13-0032	Grout Fill For Post Holes (32 31 13 13-0018)		
32 31 13 13-0033	VLF Up To 2-1/2" Diameter, Grout Fill For Post Hole	6.83	
32 31 13 13-0034	VLF 2-1/2" Diameter, Grout Fill For Post Hole	8.77	
32 31 13 13-0035	VLF 3" Diameter, Grout Fill For Post Hole	9.61	
32 31 13 13-0036	VLF 4" Diameter, Grout Fill For Post Hole	10.92	
32 31 13 13-0037	VLF 6" Diameter, Grout Fill For Post Hole	15.34	
32 31 13 13-0038	VLF 8" Diameter, Grout Fill For Post Hole	20.47	
32 31 13 13-0039	VLF 10" Diameter, Grout Fill For Post Hole	24.99	
32 31 13 13-0040	VLF 12" Diameter, Grout Fill For Post Hole	29.08	
32 31 13 13-0041	VLF 18" Diameter, Grout Fill For Post Hole	39.25	
32 31 13 13-0042	VLF 24" Diameter, Grout Fill For Post Hole	48.34	
32 31 13 13-0043	VLF 30" Diameter, Grout Fill For Post Hole	57.17	
32 31 13 13-0044	VLF 36" Diameter, Grout Fill For Post Hole	66.28	
32 31 13 13-0045	Compacted Earth Fill For Post Holes (32 31 13 13-0018)		
32 31 13 13-0046	VLF Up To 2-1/2" Diameter, Compacted Earth Fill For Post Hole	4.57	
32 31 13 13-0047	VLF 2-1/2" Diameter, Compacted Earth Fill For Post Hole	5.95	
32 31 13 13-0048	VLF 3" Diameter, Compacted Earth Fill For Post Hole	6.22	
32 31 13 13-0049	VLF 4" Diameter, Compacted Earth Fill For Post Hole	6.40	
32 31 13 13-0050	VLF 6" Diameter, Compacted Earth Fill For Post Hole	8.56	
32 31 13 13-0051	VLF 8" Diameter, Compacted Earth Fill For Post Hole	11.41	
32 31 13 13-0052	VLF 10" Diameter, Compacted Earth Fill For Post Hole	13.70	
32 31 13 13-0053	VLF 12" Diameter, Compacted Earth Fill For Post Hole	15.53	
32 31 13 13-0054	VLF 18" Diameter, Compacted Earth Fill For Post Hole	18.92	
32 31 13 13-0055	VLF 24" Diameter, Compacted Earth Fill For Post Hole	21.24	
32 31 13 13-0056	VLF 30" Diameter, Compacted Earth Fill For Post Hole	23.29	
32 31 13 13-0057	VLF 36" Diameter, Compacted Earth Fill For Post Hole	25.11	
32 31 13 13-0058	Fence Posts (32 31 13 13)		
	Note: Demolition excludes concrete footing removal on posts and excavation. See CSI section 31 23 16 36-0009 for hand excavation for footing removal (where required), 32 31 13 13-0001 for drilling for augering holes and backfill.		
32 31 13 13-0059	Fence Posts (32 31 13 13-0058)		
32 31 13 13-0060	1-7/8" H-Beam Post Without Top Rail Fitting, Galvanized Steel (32 31 13 13-0059)		
	Note: Includes cap and accessories.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0061	LF		1-7/8" Galvanized H-beam Post, Up To 6' In Length <i>For Each Top Rail Fitting, Add</i>	19.99 0.85	3.16
32 31 13 13-0062	LF		1-7/8" Galvanized H-beam Post, 7' To 10' In Length <i>For Each Top Rail Fitting, Add</i>	19.10 0.85	2.69
32 31 13 13-0063	LF		1-7/8" Galvanized H-beam Post, 11' To 15' In Length <i>For Each Top Rail Fitting, Add</i>	18.00 0.85	2.22
32 31 13 13-0064	LF		1-7/8" Galvanized H-beam Post, 16' To 20' In Length <i>For Each Top Rail Fitting, Add</i>	17.12 0.85	1.75
32 31 13 13-0065	LF		1-7/8" Galvanized H-beam Post, 21' To 24' In Length <i>For Each Top Rail Fitting, Add</i>	16.54 0.85	1.52
32 31 13 13-0066	LF		1-7/8" Galvanized H-beam Post, >24' In Length <i>For Each Top Rail Fitting, Add</i>	15.62 0.85	1.05
32 31 13 13-0067			Post Without Top Rail Fitting, Galvanized Steel (1.66" Nominal) (32 31 13 13-0059) Note: 1-5/8" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0068	LF		Up To 6' In Length, 1-5/8" Outside Diameter Galvanized Steel Post <i>For Each Top Rail Fitting, Add</i> <i>For Each Single Barbed Wire Arm, Add</i> <i>For Each Double Barbed Wire Arm, Add</i> <i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i> <i>For Vinyl Coated, Add</i> <i>For Powder Coated, Add</i> <i>For Aluminum Coated, Add</i> <i>For Schedule 20, Deduct</i> <i>For Schedule 80, Add</i>	13.67 0.85 1.90 3.40 1.95 4.69 6.25 9.76 -1.56 4.33	2.93
32 31 13 13-0069	LF		7' To 10' In Length, 1-5/8" Outside Diameter Galvanized Steel Post <i>For Each Top Rail Fitting, Add</i> <i>For Each Single Barbed Wire Arm, Add</i> <i>For Each Double Barbed Wire Arm, Add</i> <i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i> <i>For Vinyl Coated, Add</i> <i>For Powder Coated, Add</i> <i>For Aluminum Coated, Add</i> <i>For Schedule 20, Deduct</i> <i>For Schedule 80, Add</i>	12.68 0.85 1.90 3.40 1.93 4.64 6.18 9.66 -1.55 4.21	2.46
32 31 13 13-0070	LF		11' To 15' In Length, 1-5/8" Outside Diameter Galvanized Steel Post <i>For Each Top Rail Fitting, Add</i> <i>For Each Single Barbed Wire Arm, Add</i> <i>For Each Double Barbed Wire Arm, Add</i> <i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i> <i>For Vinyl Coated, Add</i> <i>For Powder Coated, Add</i> <i>For Aluminum Coated, Add</i> <i>For Schedule 20, Deduct</i> <i>For Schedule 80, Add</i>	11.64 0.85 1.90 3.40 1.92 4.61 6.15 9.61 -1.54 4.09	1.99
32 31 13 13-0071	LF		16' To 20' In Length, 1-5/8" Outside Diameter Galvanized Steel Post <i>For Each Top Rail Fitting, Add</i> <i>For Each Single Barbed Wire Arm, Add</i> <i>For Each Double Barbed Wire Arm, Add</i> <i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i> <i>For Vinyl Coated, Add</i> <i>For Powder Coated, Add</i> <i>For Aluminum Coated, Add</i> <i>For Schedule 20, Deduct</i> <i>For Schedule 80, Add</i>	10.83 0.85 1.90 3.40 1.92 4.60 6.14 9.59 -1.53 4.00	1.52
32 31 13 13-0072	LF		21' To 24' In Length, 1-5/8" Outside Diameter Galvanized Steel Post <i>For Each Top Rail Fitting, Add</i> <i>For Each Single Barbed Wire Arm, Add</i> <i>For Each Double Barbed Wire Arm, Add</i> <i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i> <i>For Vinyl Coated, Add</i> <i>For Powder Coated, Add</i> <i>For Aluminum Coated, Add</i> <i>For Schedule 20, Deduct</i> <i>For Schedule 80, Add</i>	10.30 0.85 1.90 3.40 1.92 4.60 6.13 9.58 -1.53 3.94	1.29
32 31 13 13-0073	LF		>24' In Length, 1-5/8" Outside Diameter Galvanized Steel Post <i>For Each Top Rail Fitting, Add</i> <i>For Each Single Barbed Wire Arm, Add</i> <i>For Each Double Barbed Wire Arm, Add</i> <i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i> <i>For Vinyl Coated, Add</i> <i>For Powder Coated, Add</i> <i>For Aluminum Coated, Add</i> <i>For Schedule 20, Deduct</i> <i>For Schedule 80, Add</i>	9.73 0.85 1.90 3.40 1.92 4.60 6.13 9.58 -1.53 3.88	1.05
32 31 13 13-0074			Post Without Top Rail Fitting, Galvanized Steel (1.90" Nominal) (32 31 13 13-0059) Note: 2" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0075	LF		2" Outside Diameter Galvanized Steel Post, Up To 6' In Length <i>For Each Top Rail Fitting, Add</i> <i>For Each Single Barbed Wire Arm, Add</i> <i>For Each Double Barbed Wire Arm, Add</i> <i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i> <i>For Vinyl Coated, Add</i> <i>For Powder Coated, Add</i> <i>For Aluminum Coated, Add</i> <i>For Schedule 20, Deduct</i> <i>For Schedule 80, Add</i>	15.61 1.35 2.65 4.88 2.39 5.73 7.64 11.94 -1.91 5.19	3.04

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0076	LF	2" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	14.69	2.57
		<i>For Each Top Rail Fitting, Add</i>	1.35	
		<i>For Each Single Barbed Wire Arm, Add</i>	2.65	
		<i>For Each Double Barbed Wire Arm, Add</i>	4.88	
		<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	2.36	
		<i>For Vinyl Coated, Add</i>	5.67	
		<i>For Powder Coated, Add</i>	7.56	
		<i>For Aluminum Coated, Add</i>	11.81	
		<i>For Schedule 20, Deduct</i>	-1.89	
		<i>For Schedule 80, Add</i>	5.06	
32 31 13 13-0077	LF	2" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	13.58	2.11
		<i>For Each Top Rail Fitting, Add</i>	1.35	
		<i>For Each Single Barbed Wire Arm, Add</i>	2.65	
		<i>For Each Double Barbed Wire Arm, Add</i>	4.88	
		<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	2.35	
		<i>For Vinyl Coated, Add</i>	5.64	
		<i>For Powder Coated, Add</i>	7.52	
		<i>For Aluminum Coated, Add</i>	11.75	
		<i>For Schedule 20, Deduct</i>	-1.88	
		<i>For Schedule 80, Add</i>	4.93	
32 31 13 13-0078	LF	2" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	12.72	1.64
		<i>For Each Top Rail Fitting, Add</i>	1.35	
		<i>For Each Single Barbed Wire Arm, Add</i>	2.65	
		<i>For Each Double Barbed Wire Arm, Add</i>	4.88	
		<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	2.35	
		<i>For Vinyl Coated, Add</i>	5.63	
		<i>For Powder Coated, Add</i>	7.50	
		<i>For Aluminum Coated, Add</i>	11.73	
		<i>For Schedule 20, Deduct</i>	-1.88	
		<i>For Schedule 80, Add</i>	4.84	
32 31 13 13-0079	LF	2" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	12.14	1.41
		<i>For Each Top Rail Fitting, Add</i>	1.35	
		<i>For Each Single Barbed Wire Arm, Add</i>	2.65	
		<i>For Each Double Barbed Wire Arm, Add</i>	4.88	
		<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	2.34	
		<i>For Vinyl Coated, Add</i>	5.62	
		<i>For Powder Coated, Add</i>	7.49	
		<i>For Aluminum Coated, Add</i>	11.70	
		<i>For Schedule 20, Deduct</i>	-1.87	
		<i>For Schedule 80, Add</i>	4.77	
32 31 13 13-0080	LF	2" Outside Diameter Galvanized Steel Post, >24' In Length	11.63	1.17
		<i>For Each Top Rail Fitting, Add</i>	1.35	
		<i>For Each Single Barbed Wire Arm, Add</i>	2.65	
		<i>For Each Double Barbed Wire Arm, Add</i>	4.88	
		<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	2.34	
		<i>For Vinyl Coated, Add</i>	5.62	
		<i>For Powder Coated, Add</i>	7.49	
		<i>For Aluminum Coated, Add</i>	11.70	
		<i>For Schedule 20, Deduct</i>	-1.87	
		<i>For Schedule 80, Add</i>	4.72	
32 31 13 13-0081		Post Without Top Rail Fitting, Galvanized Steel (2.375" Nominal) <small>(32 31 13 13-0059)</small>		
		Note: 2-1/2" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0082	LF	2-1/2" Outside Diameter Galvanized Steel Post, Up To 6' In Length	19.02	3.27
		<i>For Each Top Rail Fitting, Add</i>	1.35	
		<i>For Each Single Barbed Wire Arm, Add</i>	2.65	
		<i>For Each Double Barbed Wire Arm, Add</i>	4.88	
		<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	3.16	
		<i>For Vinyl Coated, Add</i>	7.58	
		<i>For Powder Coated, Add</i>	10.11	
		<i>For Aluminum Coated, Add</i>	15.80	
		<i>For Schedule 20, Deduct</i>	-2.53	
		<i>For Schedule 80, Add</i>	6.71	
32 31 13 13-0083	LF	2-1/2" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	18.02	2.81
		<i>For Each Top Rail Fitting, Add</i>	1.35	
		<i>For Each Single Barbed Wire Arm, Add</i>	2.65	
		<i>For Each Double Barbed Wire Arm, Add</i>	4.88	
		<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	3.13	
		<i>For Vinyl Coated, Add</i>	7.52	
		<i>For Powder Coated, Add</i>	10.02	
		<i>For Aluminum Coated, Add</i>	15.66	
		<i>For Schedule 20, Deduct</i>	-2.51	
		<i>For Schedule 80, Add</i>	6.56	
32 31 13 13-0084	LF	2-1/2" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	16.86	2.22
		<i>For Each Top Rail Fitting, Add</i>	1.35	
		<i>For Each Single Barbed Wire Arm, Add</i>	2.65	
		<i>For Each Double Barbed Wire Arm, Add</i>	4.88	
		<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	3.12	
		<i>For Vinyl Coated, Add</i>	7.48	
		<i>For Powder Coated, Add</i>	9.98	
		<i>For Aluminum Coated, Add</i>	15.59	
		<i>For Schedule 20, Deduct</i>	-2.49	
		<i>For Schedule 80, Add</i>	6.42	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 31 13 13-0085	LF 2-1/2" Outside Diameter Galvanized Steel Post, 16' To 20' In Length..... <i>For Each Top Rail Fitting, Add</i> <i>For Each Single Barbed Wire Arm, Add</i> <i>For Each Double Barbed Wire Arm, Add</i> <i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i> <i>For Vinyl Coated, Add</i> <i>For Powder Coated, Add</i> <i>For Aluminum Coated, Add</i> <i>For Schedule 20, Deduct</i> <i>For Schedule 80, Add</i>	15.95 1.35 2.65 4.88 3.11 7.46 9.95 15.55 -2.49 6.32	1.75
32 31 13 13-0086	LF 2-1/2" Outside Diameter Galvanized Steel Post, 21 To 24' In Length..... <i>For Each Top Rail Fitting, Add</i> <i>For Each Single Barbed Wire Arm, Add</i> <i>For Each Double Barbed Wire Arm, Add</i> <i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i> <i>For Vinyl Coated, Add</i> <i>For Powder Coated, Add</i> <i>For Aluminum Coated, Add</i> <i>For Schedule 20, Deduct</i> <i>For Schedule 80, Add</i>	15.36 1.35 2.65 4.88 3.11 7.46 9.94 15.54 -2.49 6.26	1.52
32 31 13 13-0087	LF 2-1/2" Outside Diameter Galvanized Steel Post, >24' In Length..... <i>For Each Top Rail Fitting, Add</i> <i>For Each Single Barbed Wire Arm, Add</i> <i>For Each Double Barbed Wire Arm, Add</i> <i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i> <i>For Vinyl Coated, Add</i> <i>For Powder Coated, Add</i> <i>For Aluminum Coated, Add</i> <i>For Schedule 20, Deduct</i> <i>For Schedule 80, Add</i>	14.80 1.35 2.65 4.88 3.11 7.46 9.94 15.54 -2.49 6.20	1.17
32 31 13 13-0088 Post Without Top Rail Fitting, Galvanized Steel (2.875" Nominal) <small>(32 31 13 13-0059)</small> Note: 3" outside diameter, Schedule 40. Includes cap and accessories.			
32 31 13 13-0089	LF 3" Outside Diameter Galvanized Steel Post, Up To 6' In Length..... <i>For Each Top Rail Fitting, Add</i> <i>For Each Single Barbed Wire Arm, Add</i> <i>For Each Double Barbed Wire Arm, Add</i> <i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i> <i>For Vinyl Coated, Add</i> <i>For Powder Coated, Add</i> <i>For Aluminum Coated, Add</i> <i>For Schedule 20, Deduct</i> <i>For Schedule 80, Add</i>	26.10 1.85 3.85 7.05 4.77 11.44 15.26 23.84 -3.81 9.86	3.51
32 31 13 13-0090	LF 3" Outside Diameter Galvanized Steel Post, 7' To 10' In Length..... <i>For Each Top Rail Fitting, Add</i> <i>For Each Single Barbed Wire Arm, Add</i> <i>For Each Double Barbed Wire Arm, Add</i> <i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i> <i>For Vinyl Coated, Add</i> <i>For Powder Coated, Add</i> <i>For Aluminum Coated, Add</i> <i>For Schedule 20, Deduct</i> <i>For Schedule 80, Add</i>	24.89 1.85 3.85 7.05 4.71 11.30 15.06 23.54 -3.77 9.64	3.04
32 31 13 13-0091	LF 3" Outside Diameter Galvanized Steel Post, 11' To 15' In Length..... <i>For Each Top Rail Fitting, Add</i> <i>For Each Single Barbed Wire Arm, Add</i> <i>For Each Double Barbed Wire Arm, Add</i> <i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i> <i>For Vinyl Coated, Add</i> <i>For Powder Coated, Add</i> <i>For Aluminum Coated, Add</i> <i>For Schedule 20, Deduct</i> <i>For Schedule 80, Add</i>	23.58 1.85 3.85 7.05 4.68 11.23 14.97 23.39 -3.74 9.47	2.46
32 31 13 13-0092	LF 3" Outside Diameter Galvanized Steel Post, 16' To 20' In Length..... <i>For Each Top Rail Fitting, Add</i> <i>For Each Single Barbed Wire Arm, Add</i> <i>For Each Double Barbed Wire Arm, Add</i> <i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i> <i>For Vinyl Coated, Add</i> <i>For Powder Coated, Add</i> <i>For Aluminum Coated, Add</i> <i>For Schedule 20, Deduct</i> <i>For Schedule 80, Add</i>	22.55 1.85 3.85 7.05 4.66 11.19 14.92 23.31 -3.73 9.34	1.99
32 31 13 13-0093	LF 3" Outside Diameter Galvanized Steel Post, 21' To 24' In Length..... <i>For Each Top Rail Fitting, Add</i> <i>For Each Single Barbed Wire Arm, Add</i> <i>For Each Double Barbed Wire Arm, Add</i> <i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i> <i>For Vinyl Coated, Add</i> <i>For Powder Coated, Add</i> <i>For Aluminum Coated, Add</i> <i>For Schedule 20, Deduct</i> <i>For Schedule 80, Add</i>	21.87 1.85 3.85 7.05 4.66 11.17 14.90 23.28 -3.72 9.26	1.64

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0094	LF	3" Outside Diameter Galvanized Steel Post, >24' In Length	21.26	1.29
		<i>For Each Top Rail Fitting, Add</i>	1.85	
		<i>For Each Single Barbed Wire Arm, Add</i>	3.85	
		<i>For Each Double Barbed Wire Arm, Add</i>	7.05	
		<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	4.66	
		<i>For Vinyl Coated, Add</i>	11.17	
		<i>For Powder Coated, Add</i>	14.90	
		<i>For Aluminum Coated, Add</i>	23.28	
		<i>For Schedule 20, Deduct</i>	-3.72	
		<i>For Schedule 80, Add</i>	9.20	
32 31 13 13-0095		Post Without Top Rail Fitting, Galvanized Steel, (4.00" Nominal) <small>(32 31 13 13-0059)</small>		
		Note: 4" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0096	LF	4" Outside Diameter Galvanized Steel Post, Up To 6' In Length	38.49	3.74
		<i>For Each Top Rail Fitting, Add</i>	2.60	
		<i>For Each Single Barbed Wire Arm, Add</i>	5.10	
		<i>For Each Double Barbed Wire Arm, Add</i>	11.25	
		<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	7.77	
		<i>For Vinyl Coated, Add</i>	18.65	
		<i>For Powder Coated, Add</i>	24.87	
		<i>For Aluminum Coated, Add</i>	38.86	
		<i>For Schedule 20, Deduct</i>	-6.22	
		<i>For Schedule 80, Add</i>	15.66	
32 31 13 13-0097	LF	4" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	36.82	3.04
		<i>For Each Top Rail Fitting, Add</i>	2.60	
		<i>For Each Single Barbed Wire Arm, Add</i>	5.10	
		<i>For Each Double Barbed Wire Arm, Add</i>	11.25	
		<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	7.67	
		<i>For Vinyl Coated, Add</i>	18.40	
		<i>For Powder Coated, Add</i>	24.53	
		<i>For Aluminum Coated, Add</i>	38.33	
		<i>For Schedule 20, Deduct</i>	-6.13	
		<i>For Schedule 80, Add</i>	15.33	
32 31 13 13-0098	LF	4" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	35.58	2.57
		<i>For Each Top Rail Fitting, Add</i>	2.60	
		<i>For Each Single Barbed Wire Arm, Add</i>	5.10	
		<i>For Each Double Barbed Wire Arm, Add</i>	11.25	
		<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	7.61	
		<i>For Vinyl Coated, Add</i>	18.27	
		<i>For Powder Coated, Add</i>	24.36	
		<i>For Aluminum Coated, Add</i>	38.06	
		<i>For Schedule 20, Deduct</i>	-6.09	
		<i>For Schedule 80, Add</i>	15.13	
32 31 13 13-0099	LF	4" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	34.45	2.11
		<i>For Each Top Rail Fitting, Add</i>	2.60	
		<i>For Each Single Barbed Wire Arm, Add</i>	5.10	
		<i>For Each Double Barbed Wire Arm, Add</i>	11.25	
		<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	7.59	
		<i>For Vinyl Coated, Add</i>	18.20	
		<i>For Powder Coated, Add</i>	24.27	
		<i>For Aluminum Coated, Add</i>	37.93	
		<i>For Schedule 20, Deduct</i>	-6.07	
		<i>For Schedule 80, Add</i>	14.97	
32 31 13 13-0100	LF	4" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	34.40	2.11
		<i>For Each Top Rail Fitting, Add</i>	2.60	
		<i>For Each Single Barbed Wire Arm, Add</i>	5.10	
		<i>For Each Double Barbed Wire Arm, Add</i>	11.25	
		<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	7.57	
		<i>For Vinyl Coated, Add</i>	18.17	
		<i>For Powder Coated, Add</i>	24.23	
		<i>For Aluminum Coated, Add</i>	37.86	
		<i>For Schedule 20, Deduct</i>	-6.06	
		<i>For Schedule 80, Add</i>	14.95	
32 31 13 13-0101	LF	4" Outside Diameter Galvanized Steel Post, >24' In Length	33.21	1.52
		<i>For Each Top Rail Fitting, Add</i>	2.60	
		<i>For Each Single Barbed Wire Arm, Add</i>	5.10	
		<i>For Each Double Barbed Wire Arm, Add</i>	11.25	
		<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	7.57	
		<i>For Vinyl Coated, Add</i>	18.17	
		<i>For Powder Coated, Add</i>	24.22	
		<i>For Aluminum Coated, Add</i>	37.85	
		<i>For Schedule 20, Deduct</i>	-6.06	
		<i>For Schedule 80, Add</i>	14.83	
32 31 13 13-0102		Post Without Top Rail Fitting, Galvanized Steel (6.625" Nominal) <small>(32 31 13 13-0059)</small>		
		Note: 6-5/8" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0103	LF	6-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length	75.91	4.10
		<i>For Each Top Rail Fitting, Add</i>	4.55	
		<i>For Each Single Barbed Wire Arm, Add</i>	7.15	
		<i>For Each Double Barbed Wire Arm, Add</i>	14.95	
		<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	16.93	
		<i>For Vinyl Coated, Add</i>	40.62	
		<i>For Powder Coated, Add</i>	54.16	
		<i>For Aluminum Coated, Add</i>	84.63	
		<i>For Schedule 20, Deduct</i>	-13.54	
		<i>For Schedule 80, Add</i>	33.32	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0104	LF		6-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length.....	72.96	3.40
			For Each Top Rail Fitting, Add	4.55	
			For Each Single Barbed Wire Arm, Add	7.15	
			For Each Double Barbed Wire Arm, Add	14.95	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	16.52	
			For Vinyl Coated, Add	39.65	
			For Powder Coated, Add	52.86	
			For Aluminum Coated, Add	82.60	
			For Schedule 20, Deduct	-13.22	
			For Schedule 80, Add	32.41	
32 31 13 13-0105	LF		6-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length.....	70.99	2.81
			For Each Top Rail Fitting, Add	4.55	
			For Each Single Barbed Wire Arm, Add	7.15	
			For Each Double Barbed Wire Arm, Add	14.95	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	16.32	
			For Vinyl Coated, Add	39.17	
			For Powder Coated, Add	52.22	
			For Aluminum Coated, Add	81.60	
			For Schedule 20, Deduct	-13.06	
			For Schedule 80, Add	31.91	
32 31 13 13-0106	LF		6-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length.....	69.43	2.22
			For Each Top Rail Fitting, Add	4.55	
			For Each Single Barbed Wire Arm, Add	7.15	
			For Each Double Barbed Wire Arm, Add	14.95	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	16.22	
			For Vinyl Coated, Add	38.92	
			For Powder Coated, Add	51.90	
			For Aluminum Coated, Add	81.09	
			For Schedule 20, Deduct	-12.97	
			For Schedule 80, Add	31.59	
32 31 13 13-0107	LF		6-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length.....	68.57	1.99
			For Each Top Rail Fitting, Add	4.55	
			For Each Single Barbed Wire Arm, Add	7.15	
			For Each Double Barbed Wire Arm, Add	14.95	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	16.17	
			For Vinyl Coated, Add	38.80	
			For Powder Coated, Add	51.74	
			For Aluminum Coated, Add	80.84	
			For Schedule 20, Deduct	-12.93	
			For Schedule 80, Add	31.43	
32 31 13 13-0108	LF		6-5/8" Outside Diameter Galvanized Steel Post, >24' In Length.....	67.88	1.64
			For Each Top Rail Fitting, Add	4.55	
			For Each Single Barbed Wire Arm, Add	7.15	
			For Each Double Barbed Wire Arm, Add	14.95	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	16.16	
			For Vinyl Coated, Add	38.78	
			For Powder Coated, Add	51.70	
			For Aluminum Coated, Add	80.79	
			For Schedule 20, Deduct	-12.93	
			For Schedule 80, Add	31.35	
32 31 13 13-0109			Post Without Top Rail Fitting, Galvanized Steel (8.625" Nominal) <small>(32 31 13 13-0059)</small>		
			Note: 8-5/8" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0110	LF		8-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length.....	147.59	4.57
			For Each Top Rail Fitting, Add	7.50	
			For Each Single Barbed Wire Arm, Add	9.15	
			For Each Double Barbed Wire Arm, Add	18.95	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	34.62	
			For Vinyl Coated, Add	83.08	
			For Powder Coated, Add	110.78	
			For Aluminum Coated, Add	173.09	
			For Schedule 20, Deduct	-27.69	
			For Schedule 80, Add	67.38	
32 31 13 13-0111	LF		8-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length.....	142.89	3.87
			For Each Top Rail Fitting, Add	7.50	
			For Each Single Barbed Wire Arm, Add	9.15	
			For Each Double Barbed Wire Arm, Add	18.95	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	33.82	
			For Vinyl Coated, Add	81.16	
			For Powder Coated, Add	108.21	
			For Aluminum Coated, Add	169.08	
			For Schedule 20, Deduct	-27.05	
			For Schedule 80, Add	65.69	
32 31 13 13-0112	LF		8-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length.....	139.99	3.16
			For Each Top Rail Fitting, Add	7.50	
			For Each Single Barbed Wire Arm, Add	9.15	
			For Each Double Barbed Wire Arm, Add	18.95	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	33.42	
			For Vinyl Coated, Add	80.20	
			For Powder Coated, Add	106.93	
			For Aluminum Coated, Add	167.08	
			For Schedule 20, Deduct	-26.73	
			For Schedule 80, Add	64.79	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 31 13 13-0113	LF	8-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	137.88	2.46
		<i>For Each Top Rail Fitting, Add</i>	7.50	
		<i>For Each Single Barbed Wire Arm, Add</i>	9.15	
		<i>For Each Double Barbed Wire Arm, Add</i>	18.95	
		<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	33.22	
		<i>For Vinyl Coated, Add</i>	79.72	
		<i>For Powder Coated, Add</i>	106.29	
		<i>For Aluminum Coated, Add</i>	166.08	
		<i>For Schedule 20, Deduct</i>	-26.57	
		<i>For Schedule 80, Add</i>	64.27	
32 31 13 13-0114	LF	8-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	136.80	2.11
		<i>For Each Top Rail Fitting, Add</i>	7.50	
		<i>For Each Single Barbed Wire Arm, Add</i>	9.15	
		<i>For Each Double Barbed Wire Arm, Add</i>	18.95	
		<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	33.12	
		<i>For Vinyl Coated, Add</i>	79.48	
		<i>For Powder Coated, Add</i>	105.97	
		<i>For Aluminum Coated, Add</i>	165.58	
		<i>For Schedule 20, Deduct</i>	-26.49	
		<i>For Schedule 80, Add</i>	64.01	
32 31 13 13-0115	LF	8-5/8" Outside Diameter Galvanized Steel Post, >24' In Length	136.00	1.75
		<i>For Each Top Rail Fitting, Add</i>	7.50	
		<i>For Each Single Barbed Wire Arm, Add</i>	9.15	
		<i>For Each Double Barbed Wire Arm, Add</i>	18.95	
		<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	33.10	
		<i>For Vinyl Coated, Add</i>	79.43	
		<i>For Powder Coated, Add</i>	105.90	
		<i>For Aluminum Coated, Add</i>	165.48	
		<i>For Schedule 20, Deduct</i>	-26.48	
		<i>For Schedule 80, Add</i>	63.90	
32 31 13 13-0116		Driven Post Supports <small>(32 31 13 13)</small>		
		Note: OZ-Post.		
32 31 13 13-0117		Driven Post Support For Round Chain Link Fence Posts <small>(32 31 13 13-0116)</small>		
32 31 13 13-0118	EA	26" Driven Post Support For 1-5/8" Round Chain Link Fence Post	72.40	
		Note: OZ-Post GB-700.		
32 31 13 13-0119	EA	26" Driven Post Support For 1-7/8" To 2" Round Chain Link Fence Post	72.40	
		Note: OZ-Post HB-700.		
32 31 13 13-0120	EA	26" Driven Post Support For 2-3/8" To 2-1/2" Round Chain Link Fence Post	74.25	
		Note: OZ-Post IS-600.		
32 31 13 13-0121	EA	32" Driven Post Support For 2-3/8" To 2-1/2" Round Chain Link Fence Post	89.29	
		Note: OZ-Post ISW-850.		
32 31 13 13-0122		Driven Post Support For Square Ornamental Fence Posts <small>(32 31 13 13-0116)</small>		
32 31 13 13-0123	EA	34" Driven Post Support For 1-3/4" Square Ornamental Fence Post	83.74	
		Note: OZ-Post C175-850.		
32 31 13 13-0124	EA	24" Driven Post Support For 2" Square Ornamental Fence Post	80.97	
		Note: OZ-Post I2-600.		
32 31 13 13-0125	EA	34" Driven Post Support For 2" Square Ornamental Fence Post	84.30	
		Note: OZ-Post I2-850.		
32 31 13 13-0126	EA	34" Driven Post Support For 2-1/2" Square Ornamental Fence Post	89.29	
		Note: OZ-Post I25-850.		
32 31 13 13-0127	EA	34" Driven Post Support For 3" Square Ornamental Fence Post	89.29	
		Note: OZ-Post I3-850.		
32 31 13 13-0128		Driven Post Support For Wooden Fence Posts <small>(32 31 13 13-0116)</small>		
32 31 13 13-0129	EA	24" Driven Post Support For 3-1/2" Square Wooden Fence Post	82.25	
		Note: OZ-Post T4-600.		
32 31 13 13-0130	EA	34" Driven Post Support For 3-1/2" Square Wooden Fence Post	86.51	
		Note: OZ-Post T4-850.		
32 31 13 13-0131	EA	34" Driven Post Support For 3-3/4" Square Wooden Fence Post	92.98	
		Note: OZ-Post C4-850.		
32 31 13 13-0132	EA	34" Driven Post Support For 4" Square Wooden Fence Post	92.98	
		Note: OZ-Post P4-850.		
32 31 13 13-0133	EA	36" Driven Post Support For 4" x 6" Wooden Fence Post	104.99	
		Note: OZ-Post T46-850.		
32 31 13 13-0134	EA	36" Driven Post Support For 6" Square Wooden Fence Post	113.49	
		Note: OZ-Post T6-850.		
32 31 13 13-0135		Driven Post Support For Vinyl Fence Posts <small>(32 31 13 13-0116)</small>		
32 31 13 13-0136	EA	24" Driven Post Support For 3-1/2" Square Vinyl Fence Post	82.25	
		Note: OZ-Post T4-600.		
32 31 13 13-0137	EA	34" Driven Post Support For 3-1/2" Square Vinyl Fence Post	86.51	
		Note: OZ-Post T4-850.		
32 31 13 13-0138	EA	34" Driven Post Support For 4" Square Vinyl Fence Post	92.98	
		Note: OZ-Post P4-850.		
32 31 13 13-0139	EA	34" Driven Post Support For 5" Square Vinyl Fence Post	94.46	
		Note: OZ-Post P4-850.		
32 31 13 13-0140		Chain Link Fence Assemblies <small>(32 31 13 13)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 31 13 13-0141			Chain Link Fence Assembly With 2-1/2" Line Post And 3" Corner Posts <small>(32 31 13 13-0140)</small> <small>Note: Includes 2" 9 gauge coiled spring mesh (knuckled selvedge), tension bars, post tension bands, wire ties, truss rod (at corners or posts), 1-5/8" top rail, 1-5/8" bottom rail, 2-1/2" line post and 3" corner posts. Posts exclude drilling or augering in soil or rock, concrete or soil fill. Heights indicated are from ground to top of installed pole. Minimum 2' bury with up to one third of exposed post height to be buried in ground. Excludes grounding. Demolition excludes concrete footing removal on posts and excavation. See CSI section 26 05 26 00-0000 for grounding, 31 23 16 36-0009 for hand excavation for footing removal (where required), 32 31 13 13-0641 for barb wire attachments.</small>		
32 31 13 13-0142			Galvanized <small>(32 31 13 13-0141)</small>		
32 31 13 13-0143	LF		3' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post <i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i> <i>For 13 Gauge Fabric, Deduct</i> <i>For 11 Gauge Fabric, Deduct</i> <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For 2-3/8" Mesh Fabric, Deduct</i> <i>For Posts 8' On Centers, Add</i> <i>For Posts 5' On Centers, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >2,500 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	38.89	3.98
32 31 13 13-0144	LF		3'-6" Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post <i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i> <i>For 13 Gauge Fabric, Deduct</i> <i>For 11 Gauge Fabric, Deduct</i> <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For 2-3/8" Mesh Fabric, Deduct</i> <i>For Posts 8' On Centers, Add</i> <i>For Posts 5' On Centers, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >2,500 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	40.43	3.98
32 31 13 13-0145	LF		4' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post <i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i> <i>For 13 Gauge Fabric, Deduct</i> <i>For 11 Gauge Fabric, Deduct</i> <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For 2-3/8" Mesh Fabric, Deduct</i> <i>For Posts 8' On Centers, Add</i> <i>For Posts 5' On Centers, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >2,500 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	41.78	3.98
32 31 13 13-0146	LF		5' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post <i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i> <i>For 13 Gauge Fabric, Deduct</i> <i>For 11 Gauge Fabric, Deduct</i> <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For 2-3/8" Mesh Fabric, Deduct</i> <i>For Posts 8' On Centers, Add</i> <i>For Posts 5' On Centers, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >2,500 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	44.94	3.98
32 31 13 13-0147	LF		6' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post <i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i> <i>For 13 Gauge Fabric, Deduct</i> <i>For 11 Gauge Fabric, Deduct</i> <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For 2-3/8" Mesh Fabric, Deduct</i> <i>For Posts 8' On Centers, Add</i> <i>For Posts 5' On Centers, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >2,500 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	48.69	3.98

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0148	LF	7' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	50.52	5.97
			<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	3.44	
			<i>For 13 Gauge Fabric, Deduct</i>	-11.18	
			<i>For 11 Gauge Fabric, Deduct</i>	-6.53	
			<i>For 6 Gauge Fabric, Add</i>	10.26	
			<i>For 1" Mesh Fabric, Add</i>	13.99	
			<i>For 1-3/4" Mesh Fabric, Add</i>	5.60	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-2.80	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-3.73	
			<i>For Posts 8' On Centers, Add</i>	2.75	
			<i>For Posts 5' On Centers, Add</i>	10.29	
			<i>For Up To 100, Add</i>	9.41	
			<i>For >100 To 250, Add</i>	3.44	
			<i>For >2,500 To 5,000, Deduct</i>	-1.72	
			<i>For >5,000, Deduct</i>	-3.44	
32 31 13	13-0149	LF	8' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	57.34	6.96
			<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	3.84	
			<i>For 13 Gauge Fabric, Deduct</i>	-13.14	
			<i>For 11 Gauge Fabric, Deduct</i>	-7.67	
			<i>For 6 Gauge Fabric, Add</i>	12.06	
			<i>For 1" Mesh Fabric, Add</i>	16.44	
			<i>For 1-3/4" Mesh Fabric, Add</i>	6.58	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-3.29	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-4.38	
			<i>For Posts 8' On Centers, Add</i>	3.10	
			<i>For Posts 5' On Centers, Add</i>	11.59	
			<i>For Up To 100, Add</i>	10.56	
			<i>For >100 To 250, Add</i>	3.84	
			<i>For >2,500 To 5,000, Deduct</i>	-1.92	
			<i>For >5,000, Deduct</i>	-3.84	
32 31 13	13-0150	LF	9' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	61.15	8.95
			<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	4.08	
			<i>For 13 Gauge Fabric, Deduct</i>	-14.14	
			<i>For 11 Gauge Fabric, Deduct</i>	-8.26	
			<i>For 6 Gauge Fabric, Add</i>	12.98	
			<i>For 1" Mesh Fabric, Add</i>	17.70	
			<i>For 1-3/4" Mesh Fabric, Add</i>	7.08	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-3.54	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-4.72	
			<i>For Posts 8' On Centers, Add</i>	3.30	
			<i>For Posts 5' On Centers, Add</i>	12.34	
			<i>For Up To 100, Add</i>	11.22	
			<i>For >100 To 250, Add</i>	4.08	
			<i>For >2,500 To 5,000, Deduct</i>	-2.04	
			<i>For >5,000, Deduct</i>	-4.08	
32 31 13	13-0151	LF	10' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	64.98	9.95
			<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	4.32	
			<i>For 13 Gauge Fabric, Deduct</i>	-15.14	
			<i>For 11 Gauge Fabric, Deduct</i>	-8.85	
			<i>For 6 Gauge Fabric, Add</i>	13.90	
			<i>For 1" Mesh Fabric, Add</i>	18.96	
			<i>For 1-3/4" Mesh Fabric, Add</i>	7.58	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-3.79	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-5.06	
			<i>For Posts 8' On Centers, Add</i>	3.51	
			<i>For Posts 5' On Centers, Add</i>	13.09	
			<i>For Up To 100, Add</i>	11.89	
			<i>For >100 To 250, Add</i>	4.32	
			<i>For >2,500 To 5,000, Deduct</i>	-2.16	
			<i>For >5,000, Deduct</i>	-4.32	
32 31 13	13-0152		Vinyl Coated (32 31 13 13-0141)		
32 31 13	13-0153	LF	4' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	43.27	3.98
			<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	4.08	
			<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	2.97	
			<i>For 13 Gauge Fabric, Deduct</i>	-9.45	
			<i>For 11 Gauge Fabric, Deduct</i>	-5.52	
			<i>For 6 Gauge Fabric, Add</i>	8.67	
			<i>For 1" Mesh Fabric, Add</i>	11.83	
			<i>For 1-3/4" Mesh Fabric, Add</i>	4.73	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-2.37	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-3.15	
			<i>For Posts 8' On Centers, Add</i>	2.36	
			<i>For Posts 5' On Centers, Add</i>	8.83	
			<i>For Up To 100, Add</i>	8.10	
			<i>For >100 To 250, Add</i>	2.97	
			<i>For >2,500 To 5,000, Deduct</i>	-1.48	
			<i>For >5,000, Deduct</i>	-2.97	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
32 31 13 13-0154	LF	5' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	46.82	3.98
		<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	4.53	
		<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	3.17	
		<i>For 13 Gauge Fabric, Deduct</i>	-10.50	
		<i>For 11 Gauge Fabric, Deduct</i>	-6.13	
		<i>For 6 Gauge Fabric, Add</i>	9.64	
		<i>For 1" Mesh Fabric, Add</i>	13.15	
		<i>For 1-3/4" Mesh Fabric, Add</i>	5.26	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-2.63	
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-3.51	
		<i>For Posts 8' On Centers, Add</i>	2.54	
		<i>For Posts 5' On Centers, Add</i>	9.51	
		<i>For Up To 100, Add</i>	8.68	
		<i>For >100 To 250, Add</i>	3.17	
		<i>For >2,500 To 5,000, Deduct</i>	-1.59	
		<i>For >5,000, Deduct</i>	-3.17	
32 31 13 13-0155	LF	6' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	52.51	3.98
		<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	5.22	
		<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	3.51	
		<i>For 13 Gauge Fabric, Deduct</i>	-12.10	
		<i>For 11 Gauge Fabric, Deduct</i>	-7.07	
		<i>For 6 Gauge Fabric, Add</i>	11.11	
		<i>For 1" Mesh Fabric, Add</i>	15.15	
		<i>For 1-3/4" Mesh Fabric, Add</i>	6.06	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-3.03	
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-4.04	
		<i>For Posts 8' On Centers, Add</i>	2.84	
		<i>For Posts 5' On Centers, Add</i>	10.60	
		<i>For Up To 100, Add</i>	9.64	
		<i>For >100 To 250, Add</i>	3.51	
		<i>For >2,500 To 5,000, Deduct</i>	-1.75	
		<i>For >5,000, Deduct</i>	-3.51	
32 31 13 13-0156	LF	7' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	54.96	5.97
		<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	5.49	
		<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	3.67	
		<i>For 13 Gauge Fabric, Deduct</i>	-12.72	
		<i>For 11 Gauge Fabric, Deduct</i>	-7.43	
		<i>For 6 Gauge Fabric, Add</i>	11.68	
		<i>For 1" Mesh Fabric, Add</i>	15.93	
		<i>For 1-3/4" Mesh Fabric, Add</i>	6.37	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-3.19	
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-4.25	
		<i>For Posts 8' On Centers, Add</i>	2.97	
		<i>For Posts 5' On Centers, Add</i>	11.09	
		<i>For Up To 100, Add</i>	10.08	
		<i>For >100 To 250, Add</i>	3.67	
		<i>For >2,500 To 5,000, Deduct</i>	-1.83	
		<i>For >5,000, Deduct</i>	-3.67	
32 31 13 13-0157	LF	8' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	62.52	6.96
		<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	6.45	
		<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	4.10	
		<i>For 13 Gauge Fabric, Deduct</i>	-14.94	
		<i>For 11 Gauge Fabric, Deduct</i>	-8.72	
		<i>For 6 Gauge Fabric, Add</i>	13.71	
		<i>For 1" Mesh Fabric, Add</i>	18.70	
		<i>For 1-3/4" Mesh Fabric, Add</i>	7.48	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-3.74	
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-4.99	
		<i>For Posts 8' On Centers, Add</i>	3.36	
		<i>For Posts 5' On Centers, Add</i>	12.52	
		<i>For Up To 100, Add</i>	11.33	
		<i>For >100 To 250, Add</i>	4.10	
		<i>For >2,500 To 5,000, Deduct</i>	-2.05	
		<i>For >5,000, Deduct</i>	-4.10	
32 31 13 13-0158	LF	9' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	66.70	8.95
		<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	6.94	
		<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	4.36	
		<i>For 13 Gauge Fabric, Deduct</i>	-16.07	
		<i>For 11 Gauge Fabric, Deduct</i>	-9.39	
		<i>For 6 Gauge Fabric, Add</i>	14.75	
		<i>For 1" Mesh Fabric, Add</i>	20.11	
		<i>For 1-3/4" Mesh Fabric, Add</i>	8.05	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-4.02	
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-5.36	
		<i>For Posts 8' On Centers, Add</i>	3.58	
		<i>For Posts 5' On Centers, Add</i>	13.34	
		<i>For Up To 100, Add</i>	12.05	
		<i>For >100 To 250, Add</i>	4.36	
		<i>For >2,500 To 5,000, Deduct</i>	-2.18	
		<i>For >5,000, Deduct</i>	-4.36	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 31 13 13-0159	LF	10' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	70.91	9.95
		<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	7.43	
		<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	4.62	
		<i>For 13 Gauge Fabric, Deduct</i>	-17.20	
		<i>For 11 Gauge Fabric, Deduct</i>	-10.05	
		<i>For 6 Gauge Fabric, Add</i>	15.79	
		<i>For 1" Mesh Fabric, Add</i>	21.54	
		<i>For 1-3/4" Mesh Fabric, Add</i>	8.61	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-4.31	
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-5.74	
		<i>For Posts 8' On Centers, Add</i>	3.80	
		<i>For Posts 5' On Centers, Add</i>	14.15	
		<i>For Up To 100, Add</i>	12.78	
		<i>For >100 To 250, Add</i>	4.62	
		<i>For >2,500 To 5,000, Deduct</i>	-2.31	
		<i>For >5,000, Deduct</i>	-4.62	
32 31 13 13-0160		Rails <small>(32 31 13 13)</small>		
		Note: Includes rail end fittings.		
32 31 13 13-0161		SS-20 Chain Link Fence Rails <small>(32 31 13 13-0160)</small>		
		Note: Includes tie wires.		
32 31 13 13-0162	LF	1-3/8" Galvanized Steel Rail, 0.08" Wall Thickness, Tie Wires And Fittings.....	7.05	1.29
		<i>For SS15, Deduct</i>	-0.44	
		<i>For SS40, Add</i>	1.09	
32 31 13 13-0163	LF	1-3/8" Vinyl Coated Rail, 0.08" Wall Thickness, Tie Wires And Fittings.....	8.52	1.29
		<i>For SS40, Add</i>	0.58	
		<i>For Powder Coated, Add</i>	1.17	
		<i>For Aluminum Coated, Add</i>	2.33	
32 31 13 13-0164	LF	1-5/8" Galvanized Steel Rail, 0.085" Wall Thickness, Tie Wires And Fittings.....	8.74	1.46
		<i>For SS15, Deduct</i>	-0.58	
		<i>For SS40, Add</i>	1.45	
32 31 13 13-0165	LF	1-5/8" Vinyl Coated Rail, 0.085" Wall Thickness, Tie Wires And Fittings.....	10.70	1.46
		<i>For SS40, Add</i>	0.78	
		<i>For Powder Coated, Add</i>	1.55	
		<i>For Aluminum Coated, Add</i>	3.11	
32 31 13 13-0166	LF	2" Galvanized Steel Rail, 0.09" Wall Thickness, Tie Wires And Fittings.....	10.24	1.64
		<i>For SS40, Add</i>	1.74	
32 31 13 13-0167	LF	2" Vinyl Coated Rail, 0.09" Wall Thickness, Tie Wires And Fittings.....	12.59	1.64
		<i>For SS40, Add</i>	0.93	
		<i>For Powder Coated, Add</i>	1.86	
		<i>For Aluminum Coated, Add</i>	3.73	
32 31 13 13-0168		Fabric <small>(32 31 13 13)</small>		
32 31 13 13-0169		Fabric, Galvanized Chain Link <small>(32 31 13 13-0168)</small>		
32 31 13 13-0170	LF	3' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	11.29	2.35
		<i>For 1-1/4" Mesh Fabric, Add</i>	1.03	
		<i>For 2 Oz Galvanized Or Zinc Coating, Add</i>	0.92	
		<i>For 13 Gauge Fabric, Deduct</i>	-1.66	
		<i>For 11 Gauge Fabric, Deduct</i>	-0.92	
		<i>For 6 Gauge Fabric, Add</i>	2.94	
		<i>For 1" Mesh Fabric, Add</i>	2.76	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1.84	
		<i>For 1-3/4" Mesh Fabric, Add</i>	1.10	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-0.55	
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-0.74	
32 31 13 13-0171	LF	3'-6" Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	12.48	2.64
		<i>For 1-1/4" Mesh Fabric, Add</i>	1.20	
		<i>For 2 Oz Galvanized Or Zinc Coating, Add</i>	1.07	
		<i>For 13 Gauge Fabric, Deduct</i>	-1.93	
		<i>For 11 Gauge Fabric, Deduct</i>	-1.07	
		<i>For 6 Gauge Fabric, Add</i>	3.43	
		<i>For 1" Mesh Fabric, Add</i>	3.22	
		<i>For 1-1/4" Mesh Fabric, Add</i>	2.15	
		<i>For 1-3/4" Mesh Fabric, Add</i>	1.29	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-0.64	
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-0.86	
32 31 13 13-0172	LF	4' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	13.49	2.93
		<i>For 1-1/4" Mesh Fabric, Add</i>	1.32	
		<i>For 2 Oz Galvanized Or Zinc Coating, Add</i>	1.18	
		<i>For 13 Gauge Fabric, Deduct</i>	-2.12	
		<i>For 11 Gauge Fabric, Deduct</i>	-1.18	
		<i>For 6 Gauge Fabric, Add</i>	3.77	
		<i>For 1" Mesh Fabric, Add</i>	3.53	
		<i>For 1-1/4" Mesh Fabric, Add</i>	2.36	
		<i>For 1-3/4" Mesh Fabric, Add</i>	1.41	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-0.71	
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-0.94	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13	13-0173	LF 5' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	15.25	3.51
			For 1-1/4" Mesh Fabric, Add	1.65	
			For 2 Oz Galvanized Or Zinc Coating, Add	1.47	
			For 13 Gauge Fabric, Deduct	-2.65	
			For 11 Gauge Fabric, Deduct	-1.47	
			For 6 Gauge Fabric, Add	4.70	
			For 1" Mesh Fabric, Add	4.41	
			For 1-1/4" Mesh Fabric, Add	2.94	
			For 1-3/4" Mesh Fabric, Add	1.76	
			For 2-1/8" Mesh Fabric, Deduct	-0.88	
			For 2-3/8" Mesh Fabric, Deduct	-1.18	
32 31	13	13-0174	LF 6" Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	17.10	4.10
			For 1-1/4" Mesh Fabric, Add	1.98	
			For 2 Oz Galvanized Or Zinc Coating, Add	1.77	
			For 13 Gauge Fabric, Deduct	-3.18	
			For 11 Gauge Fabric, Deduct	-1.77	
			For 6 Gauge Fabric, Add	5.65	
			For 1" Mesh Fabric, Add	5.30	
			For 1-1/4" Mesh Fabric, Add	3.53	
			For 1-3/4" Mesh Fabric, Add	2.12	
			For 2-1/8" Mesh Fabric, Deduct	-1.06	
			For 2-3/8" Mesh Fabric, Deduct	-1.41	
32 31	13	13-0175	LF 7' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	19.03	4.68
			For 1-1/4" Mesh Fabric, Add	2.30	
			For 2 Oz Galvanized Or Zinc Coating, Add	2.06	
			For 13 Gauge Fabric, Deduct	-3.70	
			For 11 Gauge Fabric, Deduct	-2.06	
			For 6 Gauge Fabric, Add	6.58	
			For 1" Mesh Fabric, Add	6.17	
			For 1-1/4" Mesh Fabric, Add	4.11	
			For 1-3/4" Mesh Fabric, Add	2.47	
			For 2-1/8" Mesh Fabric, Deduct	-1.23	
			For 2-3/8" Mesh Fabric, Deduct	-1.64	
32 31	13	13-0176	LF 8' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	21.12	5.86
			For 1-1/4" Mesh Fabric, Add	2.63	
			For 2 Oz Galvanized Or Zinc Coating, Add	2.35	
			For 13 Gauge Fabric, Deduct	-4.23	
			For 11 Gauge Fabric, Deduct	-2.35	
			For 6 Gauge Fabric, Add	7.53	
			For 1" Mesh Fabric, Add	7.06	
			For 1-1/4" Mesh Fabric, Add	4.71	
			For 1-3/4" Mesh Fabric, Add	2.82	
			For 2-1/8" Mesh Fabric, Deduct	-1.41	
			For 2-3/8" Mesh Fabric, Deduct	-1.88	
32 31	13	13-0177	LF 10' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	25.14	6.44
			For 1-1/4" Mesh Fabric, Add	3.42	
			For 2 Oz Galvanized Or Zinc Coating, Add	3.06	
			For 13 Gauge Fabric, Deduct	-5.50	
			For 11 Gauge Fabric, Deduct	-3.06	
			For 6 Gauge Fabric, Add	9.78	
			For 1" Mesh Fabric, Add	9.17	
			For 1-1/4" Mesh Fabric, Add	6.11	
			For 1-3/4" Mesh Fabric, Add	3.67	
			For 2-1/8" Mesh Fabric, Deduct	-1.83	
			For 2-3/8" Mesh Fabric, Deduct	-2.44	
32 31	13	13-0178	LF 12' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	28.69	7.03
			For 1-1/4" Mesh Fabric, Add	4.10	
			For 2 Oz Galvanized Or Zinc Coating, Add	3.66	
			For 13 Gauge Fabric, Deduct	-6.59	
			For 11 Gauge Fabric, Deduct	-3.66	
			For 6 Gauge Fabric, Add	11.71	
			For 1" Mesh Fabric, Add	10.98	
			For 1-1/4" Mesh Fabric, Add	7.32	
			For 1-3/4" Mesh Fabric, Add	4.39	
			For 2-1/8" Mesh Fabric, Deduct	-2.20	
			For 2-3/8" Mesh Fabric, Deduct	-2.93	
32 31	13	13-0179	LF 14' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	32.13	8.19
			For 1-1/4" Mesh Fabric, Add	4.40	
			For 2 Oz Galvanized Or Zinc Coating, Add	3.93	
			For 13 Gauge Fabric, Deduct	-7.08	
			For 11 Gauge Fabric, Deduct	-3.93	
			For 6 Gauge Fabric, Add	12.58	
			For 1" Mesh Fabric, Add	11.80	
			For 1-1/4" Mesh Fabric, Add	7.87	
			For 1-3/4" Mesh Fabric, Add	4.72	
			For 2-1/8" Mesh Fabric, Deduct	-2.36	
			For 2-3/8" Mesh Fabric, Deduct	-3.15	
32 31	13	13-0180	LF 16' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	35.54	9.37
			For 1-1/4" Mesh Fabric, Add	4.71	
			For 2 Oz Galvanized Or Zinc Coating, Add	4.20	
			For 13 Gauge Fabric, Deduct	-7.56	
			For 11 Gauge Fabric, Deduct	-4.20	
			For 6 Gauge Fabric, Add	13.45	
			For 1" Mesh Fabric, Add	12.61	
			For 1-1/4" Mesh Fabric, Add	8.41	
			For 1-3/4" Mesh Fabric, Add	5.04	
			For 2-1/8" Mesh Fabric, Deduct	-2.52	
			For 2-3/8" Mesh Fabric, Deduct	-3.36	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0181	SF	>16' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	2.22	0.55
		For 1-1/4" Mesh Fabric, Add	0.29	
		For 2 Oz Galvanized Or Zinc Coating, Add	0.26	
		For 13 Gauge Fabric, Deduct	-0.47	
		For 11 Gauge Fabric, Deduct	-0.26	
		For 6 Gauge Fabric, Add	0.84	
		For 1" Mesh Fabric, Add	0.79	
		For 1-1/4" Mesh Fabric, Add	0.53	
		For 1-3/4" Mesh Fabric, Add	0.32	
		For 2-1/8" Mesh Fabric, Deduct	-0.16	
		For 2-3/8" Mesh Fabric, Deduct	-0.21	
32 31 13 13-0182		Fabric, Vinyl Coated Chain Link <small>(32 31 13 13-0168)</small>		
32 31 13 13-0183	LF	4' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	14.99	2.35
		For 1-1/4" Mesh Fabric, Add	1.74	
		For 13 Gauge Fabric, Deduct	-2.79	
		For 11 Gauge Fabric, Deduct	-1.55	
		For 6 Gauge Fabric, Add	4.97	
		For 1" Mesh Fabric, Add	4.66	
		For 1-1/4" Mesh Fabric, Add	3.11	
		For 1-3/4" Mesh Fabric, Add	1.86	
		For 2-1/8" Mesh Fabric, Deduct	-0.93	
		For 2-3/8" Mesh Fabric, Deduct	-1.24	
		For Aluminum Coated, Add	2.48	
32 31 13 13-0184	LF	5' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	17.13	3.51
		For 1-1/4" Mesh Fabric, Add	2.17	
		For 13 Gauge Fabric, Deduct	-3.49	
		For 11 Gauge Fabric, Deduct	-1.94	
		For 6 Gauge Fabric, Add	6.21	
		For 1" Mesh Fabric, Add	5.82	
		For 1-1/4" Mesh Fabric, Add	3.88	
		For 1-3/4" Mesh Fabric, Add	2.33	
		For 2-1/8" Mesh Fabric, Deduct	-1.16	
		For 2-3/8" Mesh Fabric, Deduct	-1.55	
		For Aluminum Coated, Add	3.10	
32 31 13 13-0185	LF	6' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	20.92	4.10
		For 1-1/4" Mesh Fabric, Add	3.05	
		For 13 Gauge Fabric, Deduct	-4.90	
		For 11 Gauge Fabric, Deduct	-2.72	
		For 6 Gauge Fabric, Add	8.70	
		For 1" Mesh Fabric, Add	8.16	
		For 1-1/4" Mesh Fabric, Add	5.44	
		For 1-3/4" Mesh Fabric, Add	3.26	
		For 2-1/8" Mesh Fabric, Deduct	-1.63	
		For 2-3/8" Mesh Fabric, Deduct	-2.18	
		For Aluminum Coated, Add	4.35	
32 31 13 13-0186	LF	7' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	23.47	4.68
		For 1-1/4" Mesh Fabric, Add	3.54	
		For 13 Gauge Fabric, Deduct	-5.70	
		For 11 Gauge Fabric, Deduct	-3.17	
		For 6 Gauge Fabric, Add	10.13	
		For 1" Mesh Fabric, Add	9.50	
		For 1-1/4" Mesh Fabric, Add	6.33	
		For 1-3/4" Mesh Fabric, Add	3.80	
		For 2-1/8" Mesh Fabric, Deduct	-1.90	
		For 2-3/8" Mesh Fabric, Deduct	-2.53	
		For Aluminum Coated, Add	5.06	
32 31 13 13-0187	LF	8' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	26.29	5.86
		For 1-1/4" Mesh Fabric, Add	4.08	
		For 13 Gauge Fabric, Deduct	-6.56	
		For 11 Gauge Fabric, Deduct	-3.65	
		For 6 Gauge Fabric, Add	11.66	
		For 1" Mesh Fabric, Add	10.94	
		For 1-1/4" Mesh Fabric, Add	7.29	
		For 1-3/4" Mesh Fabric, Add	4.37	
		For 2-1/8" Mesh Fabric, Deduct	-2.19	
		For 2-3/8" Mesh Fabric, Deduct	-2.92	
		For Aluminum Coated, Add	5.83	
32 31 13 13-0188	LF	10' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	31.07	6.44
		For 1-1/4" Mesh Fabric, Add	5.08	
		For 13 Gauge Fabric, Deduct	-8.17	
		For 11 Gauge Fabric, Deduct	-4.54	
		For 6 Gauge Fabric, Add	14.52	
		For 1" Mesh Fabric, Add	13.61	
		For 1-1/4" Mesh Fabric, Add	9.08	
		For 1-3/4" Mesh Fabric, Add	5.45	
		For 2-1/8" Mesh Fabric, Deduct	-2.72	
		For 2-3/8" Mesh Fabric, Deduct	-3.63	
		For Aluminum Coated, Add	7.26	
32 31 13 13-0189	LF	12' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	33.91	7.03
		For 1-1/4" Mesh Fabric, Add	5.56	
		For 13 Gauge Fabric, Deduct	-8.94	
		For 11 Gauge Fabric, Deduct	-4.97	
		For 6 Gauge Fabric, Add	15.89	
		For 1" Mesh Fabric, Add	14.90	
		For 1-1/4" Mesh Fabric, Add	9.93	
		For 1-3/4" Mesh Fabric, Add	5.96	
		For 2-1/8" Mesh Fabric, Deduct	-2.98	
		For 2-3/8" Mesh Fabric, Deduct	-3.97	
		For Aluminum Coated, Add	7.94	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0190	LF	14'	Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 13 Gauge Fabric, Deduct</i> <i>For 11 Gauge Fabric, Deduct</i> <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For 2-3/8" Mesh Fabric, Deduct</i> <i>For Aluminum Coated, Add</i>	38.26 6.12 -9.84 -5.47 17.49 16.40 10.93 6.56 -3.28 -4.37 8.74	8.19
32 31 13 13-0191	LF	16'	Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 13 Gauge Fabric, Deduct</i> <i>For 11 Gauge Fabric, Deduct</i> <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For 2-3/8" Mesh Fabric, Deduct</i> <i>For Aluminum Coated, Add</i>	42.68 6.71 -10.78 -5.99 19.16 17.96 11.98 7.19 -3.59 -4.79 9.58	9.37
32 31 13 13-0192	SF	>16'	Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 13 Gauge Fabric, Deduct</i> <i>For 11 Gauge Fabric, Deduct</i> <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For 2-3/8" Mesh Fabric, Deduct</i> <i>For Aluminum Coated, Add</i>	2.67 0.42 -0.68 -0.38 1.20 1.13 0.75 0.45 -0.23 -0.30 0.60	0.55
32 31 13 13-0193 Fabric, Aluminized Steel Chain Link <small>(32 31 13 13-0168)</small>					
32 31 13 13-0194	LF	3'	Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	10.99 2.70 3.55	2.35
32 31 13 13-0195	LF	3'-6"	Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	12.11 3.14 4.12	2.64
32 31 13 13-0196	LF	4'	Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	13.27 3.59 4.71	2.93
32 31 13 13-0197	LF	5'	Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	14.98 4.49 5.89	3.51
32 31 13 13-0198	LF	6'	Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	16.75 5.37 7.05	4.10
32 31 13 13-0199	LF	7'	Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	18.66 6.28 8.24	4.68
32 31 13 13-0200	LF	8'	Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	20.67 7.17 9.41	5.86
32 31 13 13-0201	LF	10'	Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	24.12 8.96 11.76	6.44
32 31 13 13-0202	LF	12'	Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	27.49 10.75 14.11	7.03
32 31 13 13-0203 Fabric, All Aluminum Chain Link <small>(32 31 13 13-0168)</small>					
32 31 13 13-0204	LF	3'	Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	16.44 7.06 9.27	2.35
32 31 13 13-0205	LF	3'-6"	Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	18.49 8.24 10.82	2.64
32 31 13 13-0206	LF	4'	Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	20.55 9.42 12.36	2.93
32 31 13 13-0207	LF	5'	Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	24.08 11.77 15.45	3.51
32 31 13 13-0208	LF	6'	Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	27.70 14.13 18.54	4.10
32 31 13 13-0209	LF	7'	Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	31.41 16.48 21.63	4.68
32 31 13 13-0210	LF	8'	Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	35.25 18.83 24.72	5.86
32 31 13 13-0211	LF	10'	Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	42.35 23.54 30.90	6.44

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**
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32 31 13 13-0212	LF	12' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh.....	49.36	7.03
		<i>For 6 Gauge Fabric, Add</i>	28.25	
		<i>For 1" Mesh Fabric, Add</i>	37.08	

32 31 13 13-0213 Fence Inserts (32 31 13 13-0168)

Note: For use with new or existing chain link fence, per lf of fence.

32 31 13 13-0214 Vinyl Plastic Fence Inserts (32 31 13 13-0213)

Note: Assorted colors.

32 31 13 13-0215	LF	3' High Fence, Vinyl Plastic Fence Insert.....	9.01	
32 31 13 13-0216	LF	3-1/2' High Fence, Vinyl Plastic Fence Insert.....	10.26	
32 31 13 13-0217	LF	4' High Fence, Vinyl Plastic Fence Insert.....	11.32	
32 31 13 13-0218	LF	5' High Fence, Vinyl Plastic Fence Insert.....	14.20	
32 31 13 13-0219	LF	6' High Fence, Vinyl Plastic Fence Insert.....	16.98	
32 31 13 13-0220	LF	7' High Fence, Vinyl Plastic Fence Insert.....	19.86	
32 31 13 13-0221	LF	8' High Fence, Vinyl Plastic Fence Insert.....	22.65	
32 31 13 13-0222	LF	10' High Fence, Vinyl Plastic Fence Insert.....	27.68	

32 31 13 13-0223 Aluminum Fence Inserts (32 31 13 13-0213)

Note: Assorted colors.

32 31 13 13-0224	LF	3' High Fence, Aluminum Fence Insert.....	31.39	
32 31 13 13-0225	LF	3-1/2' High Fence, Aluminum Fence Insert.....	34.41	
32 31 13 13-0226	LF	4' High Fence, Aluminum Fence Insert.....	39.03	
32 31 13 13-0227	LF	5' High Fence, Aluminum Fence Insert.....	48.84	
32 31 13 13-0228	LF	6' High Fence, Aluminum Fence Insert.....	58.60	
32 31 13 13-0229	LF	7' High Fence, Aluminum Fence Insert.....	63.59	
32 31 13 13-0230	LF	8' High Fence, Aluminum Fence Insert.....	78.12	
32 31 13 13-0231	LF	10' High Fence, Aluminum Fence Insert.....	97.35	

32 31 13 13-0232 Redwood Fence Inserts (32 31 13 13-0213)

32 31 13 13-0233	LF	4' High Fence, Redwood Fence Insert.....	13.16	
32 31 13 13-0234	LF	5' High Fence, Redwood Fence Insert.....	16.64	
32 31 13 13-0235	LF	6' High Fence, Redwood Fence Insert.....	19.98	
32 31 13 13-0236	LF	7' High Fence, Redwood Fence Insert.....	23.26	
32 31 13 13-0237	LF	8' High Fence, Redwood Fence Insert.....	26.62	

32 31 13 13-0238 Diagonal Flexible Polyethylene Inserts (32 31 13 13-0213)

32 31 13 13-0239	SF	Diagonal Polyethylene Fence Weave.....	3.59	
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32 31 13 13-0240 Hedge Link Fence Inserts (32 31 13 13-0213)

32 31 13 13-0241	LF	3' High Fence, Hedge Link Fence Insert.....	19.46	
32 31 13 13-0242	LF	3-1/2' High Fence, Hedge Link Fence Insert.....	22.16	
32 31 13 13-0243	LF	4' High Fence, Hedge Link Fence Insert.....	25.91	
32 31 13 13-0244	LF	5' High Fence, Hedge Link Fence Insert.....	31.95	
32 31 13 13-0245	LF	6' High Fence, Hedge Link Fence Insert.....	36.48	
32 31 13 13-0246	LF	7' High Fence, Hedge Link Fence Insert.....	46.20	
32 31 13 13-0247	LF	8' High Fence, Hedge Link Fence Insert.....	52.47	
32 31 13 13-0248	LF	10' High Fence, Hedge Link Fence Insert.....	62.77	

32 31 13 13-0249 Fence Windscreen Fabric (32 31 13 13-0168)

Note: Includes plastic wire clips.

32 31 13 13-0250	SF	Vinyl Coated Polyester Windscreen For Fence, 7 Oz Per SY.....	1.20	0.52
		<i>For Sewn Boxed Vent (Each), Add</i>	27.11	
		<i>For Welded Boxed Vent (Each), Add</i>	13.55	
		<i>For 4' x 4' One Color Logo (Each), Add</i>	564.75	

32 31 13 13-0251 Non-Climbable Fabric, Galvanized Chain Link (32 31 13 13-0168)

32 31 13 13-0252	LF	3' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh.....	31.58	2.35
		<i>For 11 Gauge, Deduct</i>	-4.79	
		<i>For 10 Gauge, Deduct</i>	-1.92	
		<i>For 7 Gauge, Add</i>	2.88	
		<i>For 6 Gauge, Add</i>	6.71	
		<i>For 1/2" Mesh Fabric, Deduct</i>	-1.20	
		<i>For 5/8" Mesh Fabric, Deduct</i>	-2.64	
		<i>For 3/4" Mesh Fabric, Deduct</i>	-3.84	
32 31 13 13-0253	LF	3'-6" Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh.....	36.15	2.64
		<i>For 11 Gauge, Deduct</i>	-5.59	
		<i>For 10 Gauge, Deduct</i>	-2.24	
		<i>For 7 Gauge, Add</i>	3.36	
		<i>For 6 Gauge, Add</i>	7.83	
		<i>For 1/2" Mesh Fabric, Deduct</i>	-1.40	
		<i>For 5/8" Mesh Fabric, Deduct</i>	-3.08	
		<i>For 3/4" Mesh Fabric, Deduct</i>	-4.47	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0254	LF	4'	Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh <i>For 11 Gauge, Deduct</i> <i>For 10 Gauge, Deduct</i> <i>For 7 Gauge, Add</i> <i>For 6 Gauge, Add</i> <i>For 1/2" Mesh Fabric, Deduct</i> <i>For 5/8" Mesh Fabric, Deduct</i> <i>For 3/4" Mesh Fabric, Deduct</i>	40.77 -6.40 -2.56 3.84 8.96 -1.60 -3.52 -5.12	2.93
32 31 13 13-0255	LF	5'	Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh <i>For 11 Gauge, Deduct</i> <i>For 10 Gauge, Deduct</i> <i>For 7 Gauge, Add</i> <i>For 6 Gauge, Add</i> <i>For 1/2" Mesh Fabric, Deduct</i> <i>For 5/8" Mesh Fabric, Deduct</i> <i>For 3/4" Mesh Fabric, Deduct</i>	49.34 -7.99 -3.20 4.80 11.19 -2.00 -4.40 -6.40	3.51
32 31 13 13-0256	LF	6'	Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh <i>For 11 Gauge, Deduct</i> <i>For 10 Gauge, Deduct</i> <i>For 7 Gauge, Add</i> <i>For 6 Gauge, Add</i> <i>For 1/2" Mesh Fabric, Deduct</i> <i>For 5/8" Mesh Fabric, Deduct</i> <i>For 3/4" Mesh Fabric, Deduct</i>	57.98 -9.59 -3.84 5.75 13.42 -2.40 -5.27 -7.67	4.10
32 31 13 13-0257	LF	7'	Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh <i>For 11 Gauge, Deduct</i> <i>For 10 Gauge, Deduct</i> <i>For 7 Gauge, Add</i> <i>For 6 Gauge, Add</i> <i>For 1/2" Mesh Fabric, Deduct</i> <i>For 5/8" Mesh Fabric, Deduct</i> <i>For 3/4" Mesh Fabric, Deduct</i>	66.75 -11.19 -4.48 6.71 15.66 -2.80 -6.15 -8.95	4.68
32 31 13 13-0258	LF	8'	Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh <i>For 11 Gauge, Deduct</i> <i>For 10 Gauge, Deduct</i> <i>For 7 Gauge, Add</i> <i>For 6 Gauge, Add</i> <i>For 1/2" Mesh Fabric, Deduct</i> <i>For 5/8" Mesh Fabric, Deduct</i> <i>For 3/4" Mesh Fabric, Deduct</i>	75.65 -12.79 -5.12 7.67 17.90 -3.20 -7.03 -10.23	5.86
32 31 13 13-0259	LF	9'	Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh <i>For 11 Gauge, Deduct</i> <i>For 10 Gauge, Deduct</i> <i>For 7 Gauge, Add</i> <i>For 6 Gauge, Add</i> <i>For 1/2" Mesh Fabric, Deduct</i> <i>For 5/8" Mesh Fabric, Deduct</i> <i>For 3/4" Mesh Fabric, Deduct</i>	83.46 -14.23 -5.69 8.54 19.93 -3.56 -7.83 -11.39	6.15
32 31 13 13-0260	LF	10'	Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh <i>For 11 Gauge, Deduct</i> <i>For 10 Gauge, Deduct</i> <i>For 7 Gauge, Add</i> <i>For 6 Gauge, Add</i> <i>For 1/2" Mesh Fabric, Deduct</i> <i>For 5/8" Mesh Fabric, Deduct</i> <i>For 3/4" Mesh Fabric, Deduct</i>	91.32 -15.68 -6.27 9.41 21.95 -3.92 -8.62 -12.54	6.44
32 31 13 13-0261	LF	12'	Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh <i>For 11 Gauge, Deduct</i> <i>For 10 Gauge, Deduct</i> <i>For 7 Gauge, Add</i> <i>For 6 Gauge, Add</i> <i>For 1/2" Mesh Fabric, Deduct</i> <i>For 5/8" Mesh Fabric, Deduct</i> <i>For 3/4" Mesh Fabric, Deduct</i>	99.04 -17.00 -6.80 10.20 23.80 -4.25 -9.35 -13.60	7.03
32 31 13 13-0262	<p>Gates <small>(32 31 13 13)</small> Note: Posts exclude drilling or augering in soil or rock. For barbed wire attached directly to posts and gates, select gates and posts sizes for full finished height of gate above grade (top rail to be at lower height, includes barb wire at top area where mesh would be). See CSI section 08 78 00 00-0001 for padlocks, 08 78 00 00-0002 for padlocks, 32 31 13 13-0001 for drilling for augering holes and backfill.</p>				
32 31 13 13-0263	<p>Galvanized Steel Without Barbed Wire <small>(32 31 13 13-0262)</small> Note: Industrial swing gate. Includes posts (3" diameter posts for up to 6' wide gate, 4" diameter for > 6' To 12' wide, 6-5/8" diameter for >12' To 18' wide, 8-5/8" diameter for over 18' wide), 2" diameter schedule pipe frame, offset hinges, cap and hardware (drop rod, center locking device, gate keeper, catch bolt and tension bands). Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.</p>				
32 31 13 13-0264	<p>4' Fence Height <small>(32 31 13 13-0263)</small></p>				
32 31 13 13-0265	EA	3'	Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	344.51 30.11 43.79 -51.32 131.38 71.16 119.06 76.64 47.63 -23.81	22.66

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

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TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0266	EA	4' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	435.75	23.60
		<i>For Gate With Single Barb Wire Arm, Add</i>	40.14	
		<i>For Gate With Double Barb Wire Arm, Add</i>	58.39	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-68.43	
		<i>For Aluminized Steel Gate And Post, Add</i>	175.18	
		<i>For Powder Coated Gate And Post, Add</i>	94.89	
		<i>For 1" Mesh Fabric, Add</i>	158.75	
		<i>For 1-1/4" Mesh Fabric, Add</i>	102.19	
		<i>For 1-3/4" Mesh Fabric, Add</i>	63.50	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-31.75	
32 31 13 13-0267	EA	5' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	516.14	25.11
		<i>For Gate With Single Barb Wire Arm, Add</i>	48.47	
		<i>For Gate With Double Barb Wire Arm, Add</i>	70.50	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-82.61	
		<i>For Aluminized Steel Gate And Post, Add</i>	211.49	
		<i>For Powder Coated Gate And Post, Add</i>	114.56	
		<i>For 1" Mesh Fabric, Add</i>	191.67	
		<i>For 1-1/4" Mesh Fabric, Add</i>	123.37	
		<i>For 1-3/4" Mesh Fabric, Add</i>	76.67	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-38.33	
32 31 13 13-0268	EA	6' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	606.91	30.21
		<i>For Gate With Single Barb Wire Arm, Add</i>	56.79	
		<i>For Gate With Double Barb Wire Arm, Add</i>	82.60	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-96.80	
		<i>For Aluminized Steel Gate And Post, Add</i>	247.81	
		<i>For Powder Coated Gate And Post, Add</i>	134.23	
		<i>For 1" Mesh Fabric, Add</i>	224.58	
		<i>For 1-1/4" Mesh Fabric, Add</i>	144.56	
		<i>For 1-3/4" Mesh Fabric, Add</i>	89.83	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-44.92	
32 31 13 13-0269	EA	7' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	697.67	35.22
		<i>For Gate With Single Barb Wire Arm, Add</i>	65.11	
		<i>For Gate With Double Barb Wire Arm, Add</i>	94.71	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-110.99	
		<i>For Aluminized Steel Gate And Post, Add</i>	284.13	
		<i>For Powder Coated Gate And Post, Add</i>	153.90	
		<i>For 1" Mesh Fabric, Add</i>	257.49	
		<i>For 1-1/4" Mesh Fabric, Add</i>	165.74	
		<i>For 1-3/4" Mesh Fabric, Add</i>	103.00	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-51.50	
32 31 13 13-0270	EA	8' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	791.55	40.22
		<i>For Gate With Single Barb Wire Arm, Add</i>	73.78	
		<i>For Gate With Double Barb Wire Arm, Add</i>	107.31	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-125.76	
		<i>For Aluminized Steel Gate And Post, Add</i>	321.94	
		<i>For Powder Coated Gate And Post, Add</i>	174.38	
		<i>For 1" Mesh Fabric, Add</i>	291.76	
		<i>For 1-1/4" Mesh Fabric, Add</i>	187.80	
		<i>For 1-3/4" Mesh Fabric, Add</i>	116.70	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-58.35	
32 31 13 13-0271	EA	9' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	882.30	45.32
		<i>For Gate With Single Barb Wire Arm, Add</i>	82.10	
		<i>For Gate With Double Barb Wire Arm, Add</i>	119.42	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-139.94	
		<i>For Aluminized Steel Gate And Post, Add</i>	358.26	
		<i>For Powder Coated Gate And Post, Add</i>	194.06	
		<i>For 1" Mesh Fabric, Add</i>	324.67	
		<i>For 1-1/4" Mesh Fabric, Add</i>	208.98	
		<i>For 1-3/4" Mesh Fabric, Add</i>	129.87	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-64.93	
32 31 13 13-0272	EA	10' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	974.40	50.32
		<i>For Gate With Single Barb Wire Arm, Add</i>	90.57	
		<i>For Gate With Double Barb Wire Arm, Add</i>	131.74	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-154.38	
		<i>For Aluminized Steel Gate And Post, Add</i>	395.21	
		<i>For Powder Coated Gate And Post, Add</i>	214.07	
		<i>For 1" Mesh Fabric, Add</i>	358.16	
		<i>For 1-1/4" Mesh Fabric, Add</i>	230.54	
		<i>For 1-3/4" Mesh Fabric, Add</i>	143.26	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-71.63	
32 31 13 13-0273	EA	10' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,245.90	50.32
		<i>For Gate With Single Barb Wire Arm, Add</i>	120.43	
		<i>For Gate With Double Barb Wire Arm, Add</i>	175.18	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-205.28	
		<i>For Aluminized Steel Gate And Post, Add</i>	525.53	
		<i>For Powder Coated Gate And Post, Add</i>	284.66	
		<i>For 1" Mesh Fabric, Add</i>	476.26	
		<i>For 1-1/4" Mesh Fabric, Add</i>	306.56	
		<i>For 1-3/4" Mesh Fabric, Add</i>	190.50	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-95.25	
32 31 13 13-0274	EA	12' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,475.66	53.91
		<i>For Gate With Single Barb Wire Arm, Add</i>	144.52	
		<i>For Gate With Double Barb Wire Arm, Add</i>	210.21	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-246.34	
		<i>For Aluminized Steel Gate And Post, Add</i>	630.63	
		<i>For Powder Coated Gate And Post, Add</i>	341.59	
		<i>For 1" Mesh Fabric, Add</i>	571.51	
		<i>For 1-1/4" Mesh Fabric, Add</i>	367.87	
		<i>For 1-3/4" Mesh Fabric, Add</i>	228.60	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-114.30	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0275	EA	14' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,707.08	58.06
			<i>For Gate With Single Barb Wire Arm, Add</i>	168.61	
			<i>For Gate With Double Barb Wire Arm, Add</i>	245.25	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-287.40	
			<i>For Aluminized Steel Gate And Post, Add</i>	735.74	
			<i>For Powder Coated Gate And Post, Add</i>	398.53	
			<i>For 1" Mesh Fabric, Add</i>	666.76	
			<i>For 1-1/4" Mesh Fabric, Add</i>	429.18	
			<i>For 1-3/4" Mesh Fabric, Add</i>	266.71	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-133.35	
32 31 13	13-0276	EA	16' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,940.57	62.88
			<i>For Gate With Single Barb Wire Arm, Add</i>	192.69	
			<i>For Gate With Double Barb Wire Arm, Add</i>	280.28	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-328.46	
			<i>For Aluminized Steel Gate And Post, Add</i>	840.84	
			<i>For Powder Coated Gate And Post, Add</i>	455.46	
			<i>For 1" Mesh Fabric, Add</i>	762.02	
			<i>For 1-1/4" Mesh Fabric, Add</i>	490.49	
			<i>For 1-3/4" Mesh Fabric, Add</i>	304.81	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-152.40	
32 31 13	13-0277	EA	18' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	2,212.64	80.51
			<i>For Gate With Single Barb Wire Arm, Add</i>	216.78	
			<i>For Gate With Double Barb Wire Arm, Add</i>	315.32	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-369.51	
			<i>For Aluminized Steel Gate And Post, Add</i>	945.95	
			<i>For Powder Coated Gate And Post, Add</i>	512.39	
			<i>For 1" Mesh Fabric, Add</i>	857.27	
			<i>For 1-1/4" Mesh Fabric, Add</i>	551.80	
			<i>For 1-3/4" Mesh Fabric, Add</i>	342.91	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-171.45	
32 31 13	13-0278	EA	20' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	2,448.89	86.30
			<i>For Gate With Single Barb Wire Arm, Add</i>	240.87	
			<i>For Gate With Double Barb Wire Arm, Add</i>	350.35	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-410.57	
			<i>For Aluminized Steel Gate And Post, Add</i>	1,051.06	
			<i>For Powder Coated Gate And Post, Add</i>	569.32	
			<i>For 1" Mesh Fabric, Add</i>	952.52	
			<i>For 1-1/4" Mesh Fabric, Add</i>	613.12	
			<i>For 1-3/4" Mesh Fabric, Add</i>	381.01	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-190.50	
32 31 13	13-0279	EA	22' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	2,682.45	92.99
			<i>For Gate With Single Barb Wire Arm, Add</i>	264.37	
			<i>For Gate With Double Barb Wire Arm, Add</i>	384.53	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-450.62	
			<i>For Aluminized Steel Gate And Post, Add</i>	1,153.59	
			<i>For Powder Coated Gate And Post, Add</i>	624.86	
			<i>For 1" Mesh Fabric, Add</i>	1,045.44	
			<i>For 1-1/4" Mesh Fabric, Add</i>	672.93	
			<i>For 1-3/4" Mesh Fabric, Add</i>	418.18	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-209.09	
32 31 13	13-0280	EA	24' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	2,919.34	100.69
			<i>For Gate With Single Barb Wire Arm, Add</i>	287.86	
			<i>For Gate With Double Barb Wire Arm, Add</i>	418.71	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-490.68	
			<i>For Aluminized Steel Gate And Post, Add</i>	1,256.14	
			<i>For Powder Coated Gate And Post, Add</i>	680.41	
			<i>For 1" Mesh Fabric, Add</i>	1,138.37	
			<i>For 1-1/4" Mesh Fabric, Add</i>	732.75	
			<i>For 1-3/4" Mesh Fabric, Add</i>	455.35	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-227.67	
32 31 13	13-0281	EA	26' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	3,160.45	109.88
			<i>For Gate With Single Barb Wire Arm, Add</i>	311.36	
			<i>For Gate With Double Barb Wire Arm, Add</i>	452.89	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-530.73	
			<i>For Aluminized Steel Gate And Post, Add</i>	1,358.68	
			<i>For Powder Coated Gate And Post, Add</i>	735.95	
			<i>For 1" Mesh Fabric, Add</i>	1,231.30	
			<i>For 1-1/4" Mesh Fabric, Add</i>	792.56	
			<i>For 1-3/4" Mesh Fabric, Add</i>	492.52	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-246.26	
32 31 13	13-0282	EA	28' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	3,326.96	120.88
			<i>For Gate With Single Barb Wire Arm, Add</i>	326.05	
			<i>For Gate With Double Barb Wire Arm, Add</i>	474.26	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-555.77	
			<i>For Aluminized Steel Gate And Post, Add</i>	1,422.77	
			<i>For Powder Coated Gate And Post, Add</i>	770.67	
			<i>For 1" Mesh Fabric, Add</i>	1,289.38	
			<i>For 1-1/4" Mesh Fabric, Add</i>	829.95	
			<i>For 1-3/4" Mesh Fabric, Add</i>	515.75	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-257.88	
32 31 13	13-0283	EA	30' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	3,687.72	134.26
			<i>For Gate With Single Barb Wire Arm, Add</i>	361.30	
			<i>For Gate With Double Barb Wire Arm, Add</i>	525.53	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-615.85	
			<i>For Aluminized Steel Gate And Post, Add</i>	1,576.58	
			<i>For Powder Coated Gate And Post, Add</i>	853.98	
			<i>For 1" Mesh Fabric, Add</i>	1,428.77	
			<i>For 1-1/4" Mesh Fabric, Add</i>	919.67	
			<i>For 1-3/4" Mesh Fabric, Add</i>	571.51	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-285.75	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 31 13 13-0284	5' Fence Height (32 31 13 13-0283)		
32 31 13 13-0285	EA 3' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	413.78	25.11
	For Gate With Single Barb Wire Arm, Add	37.21	
	For Gate With Double Barb Wire Arm, Add	54.12	
	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-63.42	
	For Aluminized Steel Gate And Post, Add	162.36	
	For Powder Coated Gate And Post, Add	87.95	
	For 1" Mesh Fabric, Add	147.14	
	For 1-1/4" Mesh Fabric, Add	94.71	
	For 1-3/4" Mesh Fabric, Add	58.86	
	For 2-1/8" Mesh Fabric, Deduct	-29.43	
32 31 13 13-0286	EA 4' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	525.04	25.11
	For Gate With Single Barb Wire Arm, Add	49.45	
	For Gate With Double Barb Wire Arm, Add	71.92	
	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-84.28	
	For Aluminized Steel Gate And Post, Add	215.76	
	For Powder Coated Gate And Post, Add	116.87	
	For 1" Mesh Fabric, Add	195.54	
	For 1-1/4" Mesh Fabric, Add	125.86	
	For 1-3/4" Mesh Fabric, Add	78.21	
	For 2-1/8" Mesh Fabric, Deduct	-39.11	
32 31 13 13-0287	EA 5' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	614.33	26.72
	For Gate With Single Barb Wire Arm, Add	58.75	
	For Gate With Double Barb Wire Arm, Add	85.45	
	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-100.14	
	For Aluminized Steel Gate And Post, Add	256.35	
	For Powder Coated Gate And Post, Add	138.86	
	For 1" Mesh Fabric, Add	232.32	
	For 1-1/4" Mesh Fabric, Add	149.54	
	For 1-3/4" Mesh Fabric, Add	92.93	
	For 2-1/8" Mesh Fabric, Deduct	-46.46	
32 31 13 13-0288	EA 6' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	719.38	32.10
	For Gate With Single Barb Wire Arm, Add	68.54	
	For Gate With Double Barb Wire Arm, Add	99.69	
	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-116.83	
	For Aluminized Steel Gate And Post, Add	299.08	
	For Powder Coated Gate And Post, Add	162.00	
	For 1" Mesh Fabric, Add	271.04	
	For 1-1/4" Mesh Fabric, Add	174.46	
	For 1-3/4" Mesh Fabric, Add	108.42	
	For 2-1/8" Mesh Fabric, Deduct	-54.21	
32 31 13 13-0289	EA 7' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	815.53	37.38
	For Gate With Single Barb Wire Arm, Add	77.35	
	For Gate With Double Barb Wire Arm, Add	112.51	
	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-131.85	
	For Aluminized Steel Gate And Post, Add	337.53	
	For Powder Coated Gate And Post, Add	182.83	
	For 1" Mesh Fabric, Add	305.89	
	For 1-1/4" Mesh Fabric, Add	196.89	
	For 1-3/4" Mesh Fabric, Add	122.36	
	For 2-1/8" Mesh Fabric, Deduct	-61.18	
32 31 13 13-0290	EA 8' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	921.55	43.05
	For Gate With Single Barb Wire Arm, Add	87.14	
	For Gate With Double Barb Wire Arm, Add	126.75	
	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-148.54	
	For Aluminized Steel Gate And Post, Add	380.26	
	For Powder Coated Gate And Post, Add	205.97	
	For 1" Mesh Fabric, Add	344.61	
	For 1-1/4" Mesh Fabric, Add	221.82	
	For 1-3/4" Mesh Fabric, Add	137.84	
	For 2-1/8" Mesh Fabric, Deduct	-68.92	
32 31 13 13-0291	EA 9' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	1,022.15	48.43
	For Gate With Single Barb Wire Arm, Add	96.44	
	For Gate With Double Barb Wire Arm, Add	140.28	
	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-164.39	
	For Aluminized Steel Gate And Post, Add	420.85	
	For Powder Coated Gate And Post, Add	227.96	
	For 1" Mesh Fabric, Add	381.39	
	For 1-1/4" Mesh Fabric, Add	245.50	
	For 1-3/4" Mesh Fabric, Add	152.56	
	For 2-1/8" Mesh Fabric, Deduct	-76.28	
32 31 13 13-0292	EA 10' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	1,122.76	53.71
	For Gate With Single Barb Wire Arm, Add	105.75	
	For Gate With Double Barb Wire Arm, Add	153.81	
	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-180.25	
	For Aluminized Steel Gate And Post, Add	461.44	
	For Powder Coated Gate And Post, Add	249.95	
	For 1" Mesh Fabric, Add	418.18	
	For 1-1/4" Mesh Fabric, Add	269.17	
	For 1-3/4" Mesh Fabric, Add	167.27	
	For 2-1/8" Mesh Fabric, Deduct	-83.64	
32 31 13 13-0293	EA 10' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,518.38	53.91
	For Gate With Single Barb Wire Arm, Add	149.22	
	For Gate With Double Barb Wire Arm, Add	217.05	
	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-254.35	
	For Aluminized Steel Gate And Post, Add	651.14	
	For Powder Coated Gate And Post, Add	352.70	
	For 1" Mesh Fabric, Add	590.09	
	For 1-1/4" Mesh Fabric, Add	379.83	
	For 1-3/4" Mesh Fabric, Add	236.04	
	For 2-1/8" Mesh Fabric, Deduct	-118.02	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0294	EA	12' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,803.21	58.06
			<i>For Gate With Single Barb Wire Arm, Add</i>	179.18	
			<i>For Gate With Double Barb Wire Arm, Add</i>	260.63	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-305.42	
			<i>For Aluminized Steel Gate And Post, Add</i>	781.88	
			<i>For Powder Coated Gate And Post, Add</i>	423.52	
			<i>For 1" Mesh Fabric, Add</i>	708.58	
			<i>For 1-1/4" Mesh Fabric, Add</i>	456.10	
			<i>For 1-3/4" Mesh Fabric, Add</i>	283.43	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-141.72	
32 31 13	13-0295	EA	14' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	2,090.11	62.88
			<i>For Gate With Single Barb Wire Arm, Add</i>	209.14	
			<i>For Gate With Double Barb Wire Arm, Add</i>	304.21	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-356.49	
			<i>For Aluminized Steel Gate And Post, Add</i>	912.62	
			<i>For Powder Coated Gate And Post, Add</i>	494.34	
			<i>For 1" Mesh Fabric, Add</i>	827.07	
			<i>For 1-1/4" Mesh Fabric, Add</i>	532.36	
			<i>For 1-3/4" Mesh Fabric, Add</i>	330.83	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-165.41	
32 31 13	13-0296	EA	16' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	2,415.58	80.51
			<i>For Gate With Single Barb Wire Arm, Add</i>	239.10	
			<i>For Gate With Double Barb Wire Arm, Add</i>	347.79	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-407.56	
			<i>For Aluminized Steel Gate And Post, Add</i>	1,043.36	
			<i>For Powder Coated Gate And Post, Add</i>	565.15	
			<i>For 1" Mesh Fabric, Add</i>	945.55	
			<i>For 1-1/4" Mesh Fabric, Add</i>	608.63	
			<i>For 1-3/4" Mesh Fabric, Add</i>	378.22	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-189.11	
32 31 13	13-0297	EA	18' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	2,699.90	86.30
			<i>For Gate With Single Barb Wire Arm, Add</i>	268.48	
			<i>For Gate With Double Barb Wire Arm, Add</i>	390.51	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-457.63	
			<i>For Aluminized Steel Gate And Post, Add</i>	1,171.54	
			<i>For Powder Coated Gate And Post, Add</i>	634.58	
			<i>For 1" Mesh Fabric, Add</i>	1,061.71	
			<i>For 1-1/4" Mesh Fabric, Add</i>	683.40	
			<i>For 1-3/4" Mesh Fabric, Add</i>	424.68	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-212.34	
32 31 13	13-0298	EA	20' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	2,997.56	92.99
			<i>For Gate With Single Barb Wire Arm, Add</i>	299.03	
			<i>For Gate With Double Barb Wire Arm, Add</i>	434.95	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-509.71	
			<i>For Aluminized Steel Gate And Post, Add</i>	1,304.85	
			<i>For Powder Coated Gate And Post, Add</i>	706.79	
			<i>For 1" Mesh Fabric, Add</i>	1,182.52	
			<i>For 1-1/4" Mesh Fabric, Add</i>	761.16	
			<i>For 1-3/4" Mesh Fabric, Add</i>	473.01	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-236.50	
32 31 13	13-0299	EA	22' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	3,293.19	100.69
			<i>For Gate With Single Barb Wire Arm, Add</i>	328.99	
			<i>For Gate With Double Barb Wire Arm, Add</i>	478.53	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-560.78	
			<i>For Aluminized Steel Gate And Post, Add</i>	1,435.58	
			<i>For Powder Coated Gate And Post, Add</i>	777.61	
			<i>For 1" Mesh Fabric, Add</i>	1,301.00	
			<i>For 1-1/4" Mesh Fabric, Add</i>	837.42	
			<i>For 1-3/4" Mesh Fabric, Add</i>	520.40	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-260.20	
32 31 13	13-0300	EA	24' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	3,587.71	109.88
			<i>For Gate With Single Barb Wire Arm, Add</i>	358.36	
			<i>For Gate With Double Barb Wire Arm, Add</i>	521.25	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-610.85	
			<i>For Aluminized Steel Gate And Post, Add</i>	1,563.76	
			<i>For Powder Coated Gate And Post, Add</i>	847.04	
			<i>For 1" Mesh Fabric, Add</i>	1,417.16	
			<i>For 1-1/4" Mesh Fabric, Add</i>	912.20	
			<i>For 1-3/4" Mesh Fabric, Add</i>	566.86	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-283.43	
32 31 13	13-0301	EA	26' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	3,898.42	120.88
			<i>For Gate With Single Barb Wire Arm, Add</i>	388.91	
			<i>For Gate With Double Barb Wire Arm, Add</i>	565.69	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-662.92	
			<i>For Aluminized Steel Gate And Post, Add</i>	1,697.07	
			<i>For Powder Coated Gate And Post, Add</i>	919.25	
			<i>For 1" Mesh Fabric, Add</i>	1,537.97	
			<i>For 1-1/4" Mesh Fabric, Add</i>	989.96	
			<i>For 1-3/4" Mesh Fabric, Add</i>	615.19	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-307.59	
32 31 13	13-0302	EA	28' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	4,207.75	134.26
			<i>For Gate With Single Barb Wire Arm, Add</i>	418.50	
			<i>For Gate With Double Barb Wire Arm, Add</i>	608.73	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-713.36	
			<i>For Aluminized Steel Gate And Post, Add</i>	1,826.19	
			<i>For Powder Coated Gate And Post, Add</i>	989.19	
			<i>For 1" Mesh Fabric, Add</i>	1,654.99	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,065.28	
			<i>For 1-3/4" Mesh Fabric, Add</i>	662.00	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-331.00	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0303	EA	30' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	4,523.21	151.04
		<i>For Gate With Single Barb Wire Arm, Add</i>	447.66	
		<i>For Gate With Double Barb Wire Arm, Add</i>	651.14	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-763.06	
		<i>For Aluminized Steel Gate And Post, Add</i>	1,953.42	
		<i>For Powder Coated Gate And Post, Add</i>	1,058.10	
		<i>For 1" Mesh Fabric, Add</i>	1,770.29	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,139.50	
		<i>For 1-3/4" Mesh Fabric, Add</i>	708.12	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-354.06	

32 31 13 13-0304 6' Fence Height (32 31 13 13-0263)

32 31 13 13-0305	EA	3' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	443.64	26.90
		<i>For Gate With Single Barb Wire Arm, Add</i>	39.90	
		<i>For Gate With Double Barb Wire Arm, Add</i>	58.04	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-68.01	
		<i>For Aluminized Steel Gate And Post, Add</i>	174.11	
		<i>For Powder Coated Gate And Post, Add</i>	94.31	
		<i>For 1" Mesh Fabric, Add</i>	157.78	
		<i>For 1-1/4" Mesh Fabric, Add</i>	101.56	
		<i>For 1-3/4" Mesh Fabric, Add</i>	63.11	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-31.56	
32 31 13 13-0306	EA	5' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	563.81	26.90
		<i>For Gate With Single Barb Wire Arm, Add</i>	53.12	
		<i>For Gate With Double Barb Wire Arm, Add</i>	77.26	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-90.54	
		<i>For Aluminized Steel Gate And Post, Add</i>	231.79	
		<i>For Powder Coated Gate And Post, Add</i>	125.55	
		<i>For 1" Mesh Fabric, Add</i>	210.06	
		<i>For 1-1/4" Mesh Fabric, Add</i>	135.21	
		<i>For 1-3/4" Mesh Fabric, Add</i>	84.02	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-42.01	
32 31 13 13-0307	EA	5' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	660.72	28.60
		<i>For Gate With Single Barb Wire Arm, Add</i>	63.23	
		<i>For Gate With Double Barb Wire Arm, Add</i>	91.97	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-107.78	
		<i>For Aluminized Steel Gate And Post, Add</i>	275.90	
		<i>For Powder Coated Gate And Post, Add</i>	149.45	
		<i>For 1" Mesh Fabric, Add</i>	250.04	
		<i>For 1-1/4" Mesh Fabric, Add</i>	160.94	
		<i>For 1-3/4" Mesh Fabric, Add</i>	100.02	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-50.01	
32 31 13 13-0308	EA	6' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	766.99	34.55
		<i>For Gate With Single Barb Wire Arm, Add</i>	72.95	
		<i>For Gate With Double Barb Wire Arm, Add</i>	106.10	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-124.34	
		<i>For Aluminized Steel Gate And Post, Add</i>	318.31	
		<i>For Powder Coated Gate And Post, Add</i>	172.42	
		<i>For 1" Mesh Fabric, Add</i>	288.47	
		<i>For 1-1/4" Mesh Fabric, Add</i>	185.68	
		<i>For 1-3/4" Mesh Fabric, Add</i>	115.39	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-57.69	
32 31 13 13-0309	EA	7' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	878.38	40.60
		<i>For Gate With Single Barb Wire Arm, Add</i>	83.23	
		<i>For Gate With Double Barb Wire Arm, Add</i>	121.06	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-141.86	
		<i>For Aluminized Steel Gate And Post, Add</i>	363.17	
		<i>For Powder Coated Gate And Post, Add</i>	196.72	
		<i>For 1" Mesh Fabric, Add</i>	329.12	
		<i>For 1-1/4" Mesh Fabric, Add</i>	211.85	
		<i>For 1-3/4" Mesh Fabric, Add</i>	131.65	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-65.82	
32 31 13 13-0310	EA	8' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	984.38	46.26
		<i>For Gate With Single Barb Wire Arm, Add</i>	93.02	
		<i>For Gate With Double Barb Wire Arm, Add</i>	135.30	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-158.55	
		<i>For Aluminized Steel Gate And Post, Add</i>	405.89	
		<i>For Powder Coated Gate And Post, Add</i>	219.86	
		<i>For 1" Mesh Fabric, Add</i>	367.84	
		<i>For 1-1/4" Mesh Fabric, Add</i>	236.77	
		<i>For 1-3/4" Mesh Fabric, Add</i>	147.14	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-73.57	
32 31 13 13-0311	EA	9' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	1,091.35	52.20
		<i>For Gate With Single Barb Wire Arm, Add</i>	102.81	
		<i>For Gate With Double Barb Wire Arm, Add</i>	149.54	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-175.24	
		<i>For Aluminized Steel Gate And Post, Add</i>	448.62	
		<i>For Powder Coated Gate And Post, Add</i>	243.00	
		<i>For 1" Mesh Fabric, Add</i>	406.56	
		<i>For 1-1/4" Mesh Fabric, Add</i>	261.70	
		<i>For 1-3/4" Mesh Fabric, Add</i>	162.63	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-81.31	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13	13-0312	EA 10' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	1,158.22 108.19 157.37 -184.42 472.12 255.73 427.86 275.40 171.14 -85.57	58.15
32 31	13	13-0313	EA 10' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	1,621.63 159.21 231.57 -271.38 694.72 376.31 629.59 405.26 251.84 -125.92	58.06
32 31	13	13-0314	EA 12' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	1,924.54 190.93 277.72 -325.45 833.15 451.29 755.04 486.00 302.02 -151.01	62.88
32 31	13	13-0315	EA 14' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	2,288.66 223.24 324.72 -380.53 974.15 527.66 882.82 568.25 353.13 -176.56	86.30
32 31	13	13-0316	EA 16' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	2,597.00 254.97 370.86 -434.60 1,112.58 602.65 1,008.27 649.00 403.31 -201.65	92.99
32 31	13	13-0317	EA 18' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	2,914.00 287.28 417.86 -489.68 1,253.57 679.02 1,136.05 731.25 454.42 -227.21	100.69
32 31	13	13-0318	EA 20' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	3,235.22 319.59 464.86 -544.75 1,394.57 755.39 1,263.83 813.50 505.53 -252.77	109.88
32 31	13	13-0319	EA 22' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	3,556.61 351.31 511.00 -598.83 1,533.00 830.38 1,389.28 894.25 555.71 -277.86	120.88
32 31	13	13-0320	EA 24' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	3,888.00 383.33 557.57 -653.40 1,672.71 906.05 1,515.90 975.75 606.36 -303.18	134.26

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0321	EA	26' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	4,226.26	151.04
		<i>For Gate With Single Barb Wire Arm, Add</i>	414.99	
		<i>For Gate With Double Barb Wire Arm, Add</i>	603.63	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-707.38	
		<i>For Aluminized Steel Gate And Post, Add</i>	1,810.89	
		<i>For Powder Coated Gate And Post, Add</i>	980.90	
		<i>For 1" Mesh Fabric, Add</i>	1,641.12	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,056.35	
		<i>For 1-3/4" Mesh Fabric, Add</i>	656.45	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-328.22	
32 31 13 13-0322	EA	28' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	4,582.66	172.58
		<i>For Gate With Single Barb Wire Arm, Add</i>	447.07	
		<i>For Gate With Double Barb Wire Arm, Add</i>	650.29	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-762.05	
		<i>For Aluminized Steel Gate And Post, Add</i>	1,950.86	
		<i>For Powder Coated Gate And Post, Add</i>	1,056.72	
		<i>For 1" Mesh Fabric, Add</i>	1,767.97	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,138.00	
		<i>For 1-3/4" Mesh Fabric, Add</i>	707.19	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-353.59	
32 31 13 13-0323	EA	30' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	4,961.20	201.39
		<i>For Gate With Single Barb Wire Arm, Add</i>	479.21	
		<i>For Gate With Double Barb Wire Arm, Add</i>	697.03	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-816.83	
		<i>For Aluminized Steel Gate And Post, Add</i>	2,091.09	
		<i>For Powder Coated Gate And Post, Add</i>	1,132.67	
		<i>For 1" Mesh Fabric, Add</i>	1,895.05	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,219.80	
		<i>For 1-3/4" Mesh Fabric, Add</i>	758.02	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-379.01	
32 31 13 13-0324		7' Fence Height <small>(32 31 13 13-0263)</small>		
32 31 13 13-0325	EA	3' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	465.45	28.98
		<i>For Gate With Single Barb Wire Arm, Add</i>	41.61	
		<i>For Gate With Double Barb Wire Arm, Add</i>	60.53	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-70.93	
		<i>For Aluminized Steel Gate And Post, Add</i>	181.58	
		<i>For Powder Coated Gate And Post, Add</i>	98.36	
		<i>For 1" Mesh Fabric, Add</i>	164.56	
		<i>For 1-1/4" Mesh Fabric, Add</i>	105.92	
		<i>For 1-3/4" Mesh Fabric, Add</i>	65.82	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-32.91	
32 31 13 13-0326	EA	4' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	590.07	28.98
		<i>For Gate With Single Barb Wire Arm, Add</i>	55.32	
		<i>For Gate With Double Barb Wire Arm, Add</i>	80.47	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-94.30	
		<i>For Aluminized Steel Gate And Post, Add</i>	241.40	
		<i>For Powder Coated Gate And Post, Add</i>	130.76	
		<i>For 1" Mesh Fabric, Add</i>	218.77	
		<i>For 1-1/4" Mesh Fabric, Add</i>	140.82	
		<i>For 1-3/4" Mesh Fabric, Add</i>	87.51	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-43.75	
32 31 13 13-0327	EA	5' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	695.43	30.49
		<i>For Gate With Single Barb Wire Arm, Add</i>	66.42	
		<i>For Gate With Double Barb Wire Arm, Add</i>	96.62	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-113.22	
		<i>For Aluminized Steel Gate And Post, Add</i>	289.85	
		<i>For Powder Coated Gate And Post, Add</i>	157.00	
		<i>For 1" Mesh Fabric, Add</i>	262.68	
		<i>For 1-1/4" Mesh Fabric, Add</i>	169.08	
		<i>For 1-3/4" Mesh Fabric, Add</i>	105.07	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-52.54	
32 31 13 13-0328	EA	6' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	852.34	37.10
		<i>For Gate With Single Barb Wire Arm, Add</i>	81.50	
		<i>For Gate With Double Barb Wire Arm, Add</i>	118.55	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-138.93	
		<i>For Aluminized Steel Gate And Post, Add</i>	355.65	
		<i>For Powder Coated Gate And Post, Add</i>	192.64	
		<i>For 1" Mesh Fabric, Add</i>	322.31	
		<i>For 1-1/4" Mesh Fabric, Add</i>	207.46	
		<i>For 1-3/4" Mesh Fabric, Add</i>	128.92	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-64.46	
32 31 13 13-0329	EA	7' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	1,008.34	43.43
		<i>For Gate With Single Barb Wire Arm, Add</i>	96.59	
		<i>For Gate With Double Barb Wire Arm, Add</i>	140.49	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-164.64	
		<i>For Aluminized Steel Gate And Post, Add</i>	421.47	
		<i>For Powder Coated Gate And Post, Add</i>	228.30	
		<i>For 1" Mesh Fabric, Add</i>	381.96	
		<i>For 1-1/4" Mesh Fabric, Add</i>	245.86	
		<i>For 1-3/4" Mesh Fabric, Add</i>	152.78	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-76.39	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0330	EA	8' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	1,165.24	49.94
			For Gate With Single Barb Wire Arm, Add	111.67	
			For Gate With Double Barb Wire Arm, Add	162.42	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-190.34	
			For Aluminized Steel Gate And Post, Add	487.27	
			For Powder Coated Gate And Post, Add	263.94	
			For 1" Mesh Fabric, Add	441.59	
			For 1-1/4" Mesh Fabric, Add	284.24	
			For 1-3/4" Mesh Fabric, Add	176.63	
			For 2-1/8" Mesh Fabric, Deduct	-88.32	
32 31 13	13-0331	EA	9' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	1,321.24	56.26
			For Gate With Single Barb Wire Arm, Add	126.75	
			For Gate With Double Barb Wire Arm, Add	184.36	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-216.05	
			For Aluminized Steel Gate And Post, Add	553.08	
			For Powder Coated Gate And Post, Add	299.59	
			For 1" Mesh Fabric, Add	501.23	
			For 1-1/4" Mesh Fabric, Add	322.63	
			For 1-3/4" Mesh Fabric, Add	200.49	
			For 2-1/8" Mesh Fabric, Deduct	-100.25	
32 31 13	13-0332	EA	10' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	1,453.45	62.88
			For Gate With Single Barb Wire Arm, Add	139.11	
			For Gate With Double Barb Wire Arm, Add	202.34	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-237.12	
			For Aluminized Steel Gate And Post, Add	607.03	
			For Powder Coated Gate And Post, Add	328.81	
			For 1" Mesh Fabric, Add	550.12	
			For 1-1/4" Mesh Fabric, Add	354.10	
			For 1-3/4" Mesh Fabric, Add	220.05	
			For 2-1/8" Mesh Fabric, Deduct	-110.02	
32 31 13	13-0333	EA	10' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,848.81	62.88
			For Gate With Single Barb Wire Arm, Add	182.60	
			For Gate With Double Barb Wire Arm, Add	265.60	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-311.25	
			For Aluminized Steel Gate And Post, Add	796.80	
			For Powder Coated Gate And Post, Add	431.60	
			For 1" Mesh Fabric, Add	722.10	
			For 1-1/4" Mesh Fabric, Add	464.80	
			For 1-3/4" Mesh Fabric, Add	288.84	
			For 2-1/8" Mesh Fabric, Deduct	-144.42	
32 31 13	13-0334	EA	12' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,104.97	86.30
			For Gate With Single Barb Wire Arm, Add	203.04	
			For Gate With Double Barb Wire Arm, Add	295.32	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-346.08	
			For Aluminized Steel Gate And Post, Add	885.97	
			For Powder Coated Gate And Post, Add	479.90	
			For 1" Mesh Fabric, Add	802.91	
			For 1-1/4" Mesh Fabric, Add	516.82	
			For 1-3/4" Mesh Fabric, Add	321.17	
			For 2-1/8" Mesh Fabric, Deduct	-160.58	
32 31 13	13-0335	EA	14' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,432.54	92.99
			For Gate With Single Barb Wire Arm, Add	236.88	
			For Gate With Double Barb Wire Arm, Add	344.55	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-403.76	
			For Aluminized Steel Gate And Post, Add	1,033.64	
			For Powder Coated Gate And Post, Add	559.89	
			For 1" Mesh Fabric, Add	936.73	
			For 1-1/4" Mesh Fabric, Add	602.95	
			For 1-3/4" Mesh Fabric, Add	374.69	
			For 2-1/8" Mesh Fabric, Deduct	-187.35	
32 31 13	13-0336	EA	16' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,737.76	100.69
			For Gate With Single Barb Wire Arm, Add	267.89	
			For Gate With Double Barb Wire Arm, Add	389.66	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-456.63	
			For Aluminized Steel Gate And Post, Add	1,168.98	
			For Powder Coated Gate And Post, Add	633.20	
			For 1" Mesh Fabric, Add	1,059.39	
			For 1-1/4" Mesh Fabric, Add	681.90	
			For 1-3/4" Mesh Fabric, Add	423.75	
			For 2-1/8" Mesh Fabric, Deduct	-211.88	
32 31 13	13-0337	EA	18' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	3,075.00	109.88
			For Gate With Single Barb Wire Arm, Add	301.96	
			For Gate With Double Barb Wire Arm, Add	439.22	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-514.71	
			For Aluminized Steel Gate And Post, Add	1,317.66	
			For Powder Coated Gate And Post, Add	713.73	
			For 1" Mesh Fabric, Add	1,194.13	
			For 1-1/4" Mesh Fabric, Add	768.64	
			For 1-3/4" Mesh Fabric, Add	477.65	
			For 2-1/8" Mesh Fabric, Deduct	-238.83	
32 31 13	13-0338	EA	20' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	3,412.41	120.88
			For Gate With Single Barb Wire Arm, Add	335.45	
			For Gate With Double Barb Wire Arm, Add	487.93	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-571.79	
			For Aluminized Steel Gate And Post, Add	1,463.78	
			For Powder Coated Gate And Post, Add	792.88	
			For 1" Mesh Fabric, Add	1,326.55	
			For 1-1/4" Mesh Fabric, Add	853.87	
			For 1-3/4" Mesh Fabric, Add	530.62	
			For 2-1/8" Mesh Fabric, Deduct	-265.31	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0339	EA	22' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	3,757.15	134.26
		<i>For Gate With Single Barb Wire Arm, Add</i>	368.94	
		<i>For Gate With Double Barb Wire Arm, Add</i>	536.64	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-628.87	
		<i>For Aluminized Steel Gate And Post, Add</i>	1,609.91	
		<i>For Powder Coated Gate And Post, Add</i>	872.03	
		<i>For 1" Mesh Fabric, Add</i>	1,458.98	
		<i>For 1-1/4" Mesh Fabric, Add</i>	939.11	
		<i>For 1-3/4" Mesh Fabric, Add</i>	583.59	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-291.80	
32 31 13 13-0340	EA	24' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	4,111.97	151.04
		<i>For Gate With Single Barb Wire Arm, Add</i>	402.42	
		<i>For Gate With Double Barb Wire Arm, Add</i>	585.34	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-685.95	
		<i>For Aluminized Steel Gate And Post, Add</i>	1,756.03	
		<i>For Powder Coated Gate And Post, Add</i>	951.18	
		<i>For 1" Mesh Fabric, Add</i>	1,591.40	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,024.35	
		<i>For 1-3/4" Mesh Fabric, Add</i>	636.56	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-318.28	
32 31 13 13-0341	EA	26' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	4,481.18	172.58
		<i>For Gate With Single Barb Wire Arm, Add</i>	435.91	
		<i>For Gate With Double Barb Wire Arm, Add</i>	634.05	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-743.03	
		<i>For Aluminized Steel Gate And Post, Add</i>	1,902.15	
		<i>For Powder Coated Gate And Post, Add</i>	1,030.33	
		<i>For 1" Mesh Fabric, Add</i>	1,723.82	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,109.59	
		<i>For 1-3/4" Mesh Fabric, Add</i>	689.53	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-344.76	
32 31 13 13-0342	EA	28' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	4,872.01	201.39
		<i>For Gate With Single Barb Wire Arm, Add</i>	469.40	
		<i>For Gate With Double Barb Wire Arm, Add</i>	682.76	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-800.11	
		<i>For Aluminized Steel Gate And Post, Add</i>	2,048.28	
		<i>For Powder Coated Gate And Post, Add</i>	1,109.48	
		<i>For 1" Mesh Fabric, Add</i>	1,856.25	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,194.83	
		<i>For 1-3/4" Mesh Fabric, Add</i>	742.50	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-371.25	
32 31 13 13-0343	EA	30' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	5,297.39	241.64
		<i>For Gate With Single Barb Wire Arm, Add</i>	502.88	
		<i>For Gate With Double Barb Wire Arm, Add</i>	731.47	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-857.19	
		<i>For Aluminized Steel Gate And Post, Add</i>	2,194.40	
		<i>For Powder Coated Gate And Post, Add</i>	1,188.63	
		<i>For 1" Mesh Fabric, Add</i>	1,988.67	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,280.06	
		<i>For 1-3/4" Mesh Fabric, Add</i>	795.47	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-397.73	
32 31 13 13-0344		8' Fence Height <small>(32 31 13 13-0263)</small>		
32 31 13 13-0345	EA	3' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	546.20	31.43
		<i>For Gate With Single Barb Wire Arm, Add</i>	49.70	
		<i>For Gate With Double Barb Wire Arm, Add</i>	72.29	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-84.71	
		<i>For Aluminized Steel Gate And Post, Add</i>	216.86	
		<i>For Powder Coated Gate And Post, Add</i>	117.47	
		<i>For 1" Mesh Fabric, Add</i>	196.53	
		<i>For 1-1/4" Mesh Fabric, Add</i>	126.50	
		<i>For 1-3/4" Mesh Fabric, Add</i>	78.61	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-39.31	
32 31 13 13-0346	EA	4' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	696.81	31.43
		<i>For Gate With Single Barb Wire Arm, Add</i>	66.27	
		<i>For Gate With Double Barb Wire Arm, Add</i>	96.39	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-112.95	
		<i>For Aluminized Steel Gate And Post, Add</i>	289.16	
		<i>For Powder Coated Gate And Post, Add</i>	156.63	
		<i>For 1" Mesh Fabric, Add</i>	262.05	
		<i>For 1-1/4" Mesh Fabric, Add</i>	168.67	
		<i>For 1-3/4" Mesh Fabric, Add</i>	104.82	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-52.41	
32 31 13 13-0347	EA	5' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	813.75	35.02
		<i>For Gate With Single Barb Wire Arm, Add</i>	77.93	
		<i>For Gate With Double Barb Wire Arm, Add</i>	113.36	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-132.84	
		<i>For Aluminized Steel Gate And Post, Add</i>	340.08	
		<i>For Powder Coated Gate And Post, Add</i>	184.21	
		<i>For 1" Mesh Fabric, Add</i>	308.19	
		<i>For 1-1/4" Mesh Fabric, Add</i>	198.38	
		<i>For 1-3/4" Mesh Fabric, Add</i>	123.28	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-61.64	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13	13-0348	EA 6' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add For 1-5/8" Schedule 40 Pipe Frame, Deduct For Aluminized Steel Gate And Post, Add For Powder Coated Gate And Post, Add For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct	933.54 89.60 130.33 -152.74 391.00 211.79 354.35 228.09 141.74 -70.87	39.65
32 31	13	13-0349	EA 7' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add For 1-5/8" Schedule 40 Pipe Frame, Deduct For Aluminized Steel Gate And Post, Add For Powder Coated Gate And Post, Add For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct	1,064.19 101.28 147.31 -172.63 441.94 239.38 400.50 257.80 160.20 -80.10	47.77
32 31	13	13-0350	EA 8' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add For 1-5/8" Schedule 40 Pipe Frame, Deduct For Aluminized Steel Gate And Post, Add For Powder Coated Gate And Post, Add For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct	1,193.90 112.95 164.29 -192.53 492.86 266.97 446.66 287.50 178.66 -89.33	55.61
32 31	13	13-0351	EA 9' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add For 1-5/8" Schedule 40 Pipe Frame, Deduct For Aluminized Steel Gate And Post, Add For Powder Coated Gate And Post, Add For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct	1,324.55 124.62 181.26 -212.42 543.79 294.55 492.81 317.21 197.12 -98.56	63.82
32 31	13	13-0352	EA 10' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add For 1-5/8" Schedule 40 Pipe Frame, Deduct For Aluminized Steel Gate And Post, Add For Powder Coated Gate And Post, Add For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct	1,455.18 136.29 198.24 -232.31 594.72 322.14 538.97 346.92 215.59 -107.79	72.03
32 31	13	13-0353	EA 10' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add For 1-5/8" Schedule 40 Pipe Frame, Deduct For Aluminized Steel Gate And Post, Add For Powder Coated Gate And Post, Add For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct	2,117.72 204.44 297.36 -348.47 892.09 483.22 808.46 520.39 323.38 -161.69	86.30
32 31	13	13-0354	EA 12' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add For 1-5/8" Schedule 40 Pipe Frame, Deduct For Aluminized Steel Gate And Post, Add For Powder Coated Gate And Post, Add For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct	2,495.53 243.80 354.62 -415.58 1,063.87 576.26 964.13 620.59 385.65 -192.83	92.99
32 31	13	13-0355	EA 14' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add For 1-5/8" Schedule 40 Pipe Frame, Deduct For Aluminized Steel Gate And Post, Add For Powder Coated Gate And Post, Add For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct	2,881.96 283.75 412.73 -483.67 1,238.19 670.69 1,122.11 722.28 448.85 -224.42	100.69
32 31	13	13-0356	EA 16' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add For 1-5/8" Schedule 40 Pipe Frame, Deduct For Aluminized Steel Gate And Post, Add For Powder Coated Gate And Post, Add For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct	3,283.29 324.88 472.55 -553.77 1,417.64 767.89 1,284.74 826.96 513.90 -256.95	109.88

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0357	EA	18 Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	3,690.13	120.88
		<i>For Gate With Single Barb Wire Arm, Add</i>	366.00	
		<i>For Gate With Double Barb Wire Arm, Add</i>	532.36	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-623.86	
		<i>For Aluminized Steel Gate And Post, Add</i>	1,597.09	
		<i>For Powder Coated Gate And Post, Add</i>	865.09	
		<i>For 1" Mesh Fabric, Add</i>	1,447.36	
		<i>For 1-1/4" Mesh Fabric, Add</i>	931.64	
		<i>For 1-3/4" Mesh Fabric, Add</i>	578.94	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-289.47	
32 31 13 13-0358	EA	20' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	4,098.96	134.26
		<i>For Gate With Single Barb Wire Arm, Add</i>	406.54	
		<i>For Gate With Double Barb Wire Arm, Add</i>	591.32	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-692.96	
		<i>For Aluminized Steel Gate And Post, Add</i>	1,773.97	
		<i>For Powder Coated Gate And Post, Add</i>	960.90	
		<i>For 1" Mesh Fabric, Add</i>	1,607.66	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,034.82	
		<i>For 1-3/4" Mesh Fabric, Add</i>	643.07	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-321.53	
32 31 13 13-0359	EA	22' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	4,512.53	151.04
		<i>For Gate With Single Barb Wire Arm, Add</i>	446.48	
		<i>For Gate With Double Barb Wire Arm, Add</i>	649.43	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-761.05	
		<i>For Aluminized Steel Gate And Post, Add</i>	1,948.30	
		<i>For Powder Coated Gate And Post, Add</i>	1,055.33	
		<i>For 1" Mesh Fabric, Add</i>	1,765.64	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,136.51	
		<i>For 1-3/4" Mesh Fabric, Add</i>	706.26	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-353.13	
32 31 13 13-0360	EA	24' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	4,951.17	172.58
		<i>For Gate With Single Barb Wire Arm, Add</i>	487.61	
		<i>For Gate With Double Barb Wire Arm, Add</i>	709.25	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-831.15	
		<i>For Aluminized Steel Gate And Post, Add</i>	2,127.74	
		<i>For Powder Coated Gate And Post, Add</i>	1,152.53	
		<i>For 1" Mesh Fabric, Add</i>	1,928.27	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,241.18	
		<i>For 1-3/4" Mesh Fabric, Add</i>	771.31	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-385.65	
32 31 13 13-0361	EA	26' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	5,411.42	201.39
		<i>For Gate With Single Barb Wire Arm, Add</i>	528.73	
		<i>For Gate With Double Barb Wire Arm, Add</i>	769.06	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-901.25	
		<i>For Aluminized Steel Gate And Post, Add</i>	2,307.19	
		<i>For Powder Coated Gate And Post, Add</i>	1,249.73	
		<i>For 1" Mesh Fabric, Add</i>	2,090.89	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,345.86	
		<i>For 1-3/4" Mesh Fabric, Add</i>	836.36	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-418.18	
32 31 13 13-0362	EA	28' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	5,900.89	241.64
		<i>For Gate With Single Barb Wire Arm, Add</i>	569.27	
		<i>For Gate With Double Barb Wire Arm, Add</i>	828.03	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-970.34	
		<i>For Aluminized Steel Gate And Post, Add</i>	2,484.08	
		<i>For Powder Coated Gate And Post, Add</i>	1,345.54	
		<i>For 1" Mesh Fabric, Add</i>	2,251.19	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,449.04	
		<i>For 1-3/4" Mesh Fabric, Add</i>	900.48	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-450.24	
32 31 13 13-0363	EA	30' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	6,450.83	302.08
		<i>For Gate With Single Barb Wire Arm, Add</i>	609.80	
		<i>For Gate With Double Barb Wire Arm, Add</i>	886.99	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-1,039.44	
		<i>For Aluminized Steel Gate And Post, Add</i>	2,660.96	
		<i>For Powder Coated Gate And Post, Add</i>	1,441.35	
		<i>For 1" Mesh Fabric, Add</i>	2,411.50	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,552.23	
		<i>For 1-3/4" Mesh Fabric, Add</i>	964.60	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-482.30	
32 31 13 13-0364		10' Fence Height <small>(32 31 13 13-0263)</small>		
32 31 13 13-0365	EA	3' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	689.13	34.93
		<i>For Gate With Single Barb Wire Arm, Add</i>	64.27	
		<i>For Gate With Double Barb Wire Arm, Add</i>	93.48	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-109.55	
		<i>For Aluminized Steel Gate And Post, Add</i>	280.44	
		<i>For Powder Coated Gate And Post, Add</i>	151.90	
		<i>For 1" Mesh Fabric, Add</i>	254.14	
		<i>For 1-1/4" Mesh Fabric, Add</i>	163.59	
		<i>For 1-3/4" Mesh Fabric, Add</i>	101.66	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-50.83	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0366	EA	4' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	883.87	34.93
			For Gate With Single Barb Wire Arm, Add	85.69	
			For Gate With Double Barb Wire Arm, Add	124.64	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-146.06	
			For Aluminized Steel Gate And Post, Add	373.91	
			For Powder Coated Gate And Post, Add	202.53	
			For 1" Mesh Fabric, Add	338.86	
			For 1-1/4" Mesh Fabric, Add	218.11	
			For 1-3/4" Mesh Fabric, Add	135.54	
			For 2-1/8" Mesh Fabric, Deduct	-67.77	
32 31 13	13-0367	EA	5' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,025.70	36.44
			For Gate With Single Barb Wire Arm, Add	100.78	
			For Gate With Double Barb Wire Arm, Add	146.59	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-171.79	
			For Aluminized Steel Gate And Post, Add	439.78	
			For Powder Coated Gate And Post, Add	238.21	
			For 1" Mesh Fabric, Add	398.55	
			For 1-1/4" Mesh Fabric, Add	256.54	
			For 1-3/4" Mesh Fabric, Add	159.42	
			For 2-1/8" Mesh Fabric, Deduct	-79.71	
32 31 13	13-0368	EA	6' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,189.34	45.32
			For Gate With Single Barb Wire Arm, Add	115.88	
			For Gate With Double Barb Wire Arm, Add	168.55	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-197.51	
			For Aluminized Steel Gate And Post, Add	505.64	
			For Powder Coated Gate And Post, Add	273.89	
			For 1" Mesh Fabric, Add	458.23	
			For 1-1/4" Mesh Fabric, Add	294.95	
			For 1-3/4" Mesh Fabric, Add	183.29	
			For 2-1/8" Mesh Fabric, Deduct	-91.65	
32 31 13	13-0369	EA	7' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,352.42	53.71
			For Gate With Single Barb Wire Arm, Add	130.96	
			For Gate With Double Barb Wire Arm, Add	190.49	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-223.23	
			For Aluminized Steel Gate And Post, Add	571.48	
			For Powder Coated Gate And Post, Add	309.55	
			For 1" Mesh Fabric, Add	517.90	
			For 1-1/4" Mesh Fabric, Add	333.36	
			For 1-3/4" Mesh Fabric, Add	207.16	
			For 2-1/8" Mesh Fabric, Deduct	-103.58	
32 31 13	13-0370	EA	8' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,515.65	62.59
			For Gate With Single Barb Wire Arm, Add	146.06	
			For Gate With Double Barb Wire Arm, Add	212.45	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-248.96	
			For Aluminized Steel Gate And Post, Add	637.34	
			For Powder Coated Gate And Post, Add	345.23	
			For 1" Mesh Fabric, Add	577.59	
			For 1-1/4" Mesh Fabric, Add	371.78	
			For 1-3/4" Mesh Fabric, Add	231.04	
			For 2-1/8" Mesh Fabric, Deduct	-115.52	
32 31 13	13-0371	EA	9' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,678.35	71.09
			For Gate With Single Barb Wire Arm, Add	161.15	
			For Gate With Double Barb Wire Arm, Add	234.40	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-274.69	
			For Aluminized Steel Gate And Post, Add	703.20	
			For Powder Coated Gate And Post, Add	380.90	
			For 1" Mesh Fabric, Add	637.28	
			For 1-1/4" Mesh Fabric, Add	410.20	
			For 1-3/4" Mesh Fabric, Add	254.91	
			For 2-1/8" Mesh Fabric, Deduct	-127.46	
32 31 13	13-0372	EA	10' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,842.01	79.87
			For Gate With Single Barb Wire Arm, Add	176.24	
			For Gate With Double Barb Wire Arm, Add	256.36	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-300.42	
			For Aluminized Steel Gate And Post, Add	769.07	
			For Powder Coated Gate And Post, Add	416.58	
			For 1" Mesh Fabric, Add	696.97	
			For 1-1/4" Mesh Fabric, Add	448.62	
			For 1-3/4" Mesh Fabric, Add	278.79	
			For 2-1/8" Mesh Fabric, Deduct	-139.39	
32 31 13	13-0373	EA	10' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	2,691.28	95.93
			For Gate With Single Barb Wire Arm, Add	264.36	
			For Gate With Double Barb Wire Arm, Add	384.53	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-450.62	
			For Aluminized Steel Gate And Post, Add	1,153.58	
			For Powder Coated Gate And Post, Add	624.86	
			For 1" Mesh Fabric, Add	1,045.44	
			For 1-1/4" Mesh Fabric, Add	672.92	
			For 1-3/4" Mesh Fabric, Add	418.17	
			For 2-1/8" Mesh Fabric, Deduct	-209.09	
32 31 13	13-0374	EA	12' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	2,927.03	103.19
			For Gate With Single Barb Wire Arm, Add	287.87	
			For Gate With Double Barb Wire Arm, Add	418.72	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-490.69	
			For Aluminized Steel Gate And Post, Add	1,256.16	
			For Powder Coated Gate And Post, Add	680.42	
			For 1" Mesh Fabric, Add	1,138.39	
			For 1-1/4" Mesh Fabric, Add	732.76	
			For 1-3/4" Mesh Fabric, Add	455.36	
			For 2-1/8" Mesh Fabric, Deduct	-227.68	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0375	EA	14' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	3,337.47	111.92
		<i>For Gate With Single Barb Wire Arm, Add</i>	330.16	
		<i>For Gate With Double Barb Wire Arm, Add</i>	480.24	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-562.78	
		<i>For Aluminized Steel Gate And Post, Add</i>	1,440.71	
		<i>For Powder Coated Gate And Post, Add</i>	780.38	
		<i>For 1" Mesh Fabric, Add</i>	1,305.64	
		<i>For 1-1/4" Mesh Fabric, Add</i>	840.41	
		<i>For 1-3/4" Mesh Fabric, Add</i>	522.26	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-261.13	
32 31 13 13-0376	EA	16' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	3,795.12	122.01
		<i>For Gate With Single Barb Wire Arm, Add</i>	377.16	
		<i>For Gate With Double Barb Wire Arm, Add</i>	548.60	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-642.89	
		<i>For Aluminized Steel Gate And Post, Add</i>	1,645.80	
		<i>For Powder Coated Gate And Post, Add</i>	891.47	
		<i>For 1" Mesh Fabric, Add</i>	1,491.50	
		<i>For 1-1/4" Mesh Fabric, Add</i>	960.05	
		<i>For 1-3/4" Mesh Fabric, Add</i>	596.60	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-298.30	
32 31 13 13-0377	EA	18' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	4,259.18	134.26
		<i>For Gate With Single Barb Wire Arm, Add</i>	424.16	
		<i>For Gate With Double Barb Wire Arm, Add</i>	616.96	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-723.00	
		<i>For Aluminized Steel Gate And Post, Add</i>	1,850.88	
		<i>For Powder Coated Gate And Post, Add</i>	1,002.56	
		<i>For 1" Mesh Fabric, Add</i>	1,677.36	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,079.68	
		<i>For 1-3/4" Mesh Fabric, Add</i>	670.94	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-335.47	
32 31 13 13-0378	EA	20' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	4,733.69	149.12
		<i>For Gate With Single Barb Wire Arm, Add</i>	471.45	
		<i>For Gate With Double Barb Wire Arm, Add</i>	685.75	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-803.61	
		<i>For Aluminized Steel Gate And Post, Add</i>	2,057.25	
		<i>For Powder Coated Gate And Post, Add</i>	1,114.34	
		<i>For 1" Mesh Fabric, Add</i>	1,864.38	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,200.06	
		<i>For 1-3/4" Mesh Fabric, Add</i>	745.75	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-372.88	
32 31 13 13-0379	EA	22' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	5,219.84	167.83
		<i>For Gate With Single Barb Wire Arm, Add</i>	518.74	
		<i>For Gate With Double Barb Wire Arm, Add</i>	754.54	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-884.22	
		<i>For Aluminized Steel Gate And Post, Add</i>	2,263.61	
		<i>For Powder Coated Gate And Post, Add</i>	1,226.12	
		<i>For 1" Mesh Fabric, Add</i>	2,051.40	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,320.44	
		<i>For 1-3/4" Mesh Fabric, Add</i>	820.56	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-410.28	
32 31 13 13-0380	EA	24' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	5,718.72	191.64
		<i>For Gate With Single Barb Wire Arm, Add</i>	565.74	
		<i>For Gate With Double Barb Wire Arm, Add</i>	822.90	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-964.33	
		<i>For Aluminized Steel Gate And Post, Add</i>	2,468.69	
		<i>For Powder Coated Gate And Post, Add</i>	1,337.21	
		<i>For 1" Mesh Fabric, Add</i>	2,237.25	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,440.07	
		<i>For 1-3/4" Mesh Fabric, Add</i>	894.90	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-447.45	
32 31 13 13-0381	EA	26' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	6,242.34	223.73
		<i>For Gate With Single Barb Wire Arm, Add</i>	612.74	
		<i>For Gate With Double Barb Wire Arm, Add</i>	891.26	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-1,044.44	
		<i>For Aluminized Steel Gate And Post, Add</i>	2,673.78	
		<i>For Powder Coated Gate And Post, Add</i>	1,448.30	
		<i>For 1" Mesh Fabric, Add</i>	2,423.11	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,559.70	
		<i>For 1-3/4" Mesh Fabric, Add</i>	969.24	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-484.62	
32 31 13 13-0382	EA	28' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	6,803.28	268.30
		<i>For Gate With Single Barb Wire Arm, Add</i>	659.74	
		<i>For Gate With Double Barb Wire Arm, Add</i>	959.62	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-1,124.56	
		<i>For Aluminized Steel Gate And Post, Add</i>	2,878.86	
		<i>For Powder Coated Gate And Post, Add</i>	1,559.38	
		<i>For 1" Mesh Fabric, Add</i>	2,608.97	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,679.34	
		<i>For 1-3/4" Mesh Fabric, Add</i>	1,043.59	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-521.79	
32 31 13 13-0383	EA	30' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	7,438.19	335.65
		<i>For Gate With Single Barb Wire Arm, Add</i>	707.33	
		<i>For Gate With Double Barb Wire Arm, Add</i>	1,028.84	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-1,205.67	
		<i>For Aluminized Steel Gate And Post, Add</i>	3,086.51	
		<i>For Powder Coated Gate And Post, Add</i>	1,671.86	
		<i>For 1" Mesh Fabric, Add</i>	2,797.15	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,800.46	
		<i>For 1-3/4" Mesh Fabric, Add</i>	1,118.86	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-559.43	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
32 31 13 13-0384		12' Fence Height <small>(32 31 13 13-0263)</small>		
32 31 13 13-0385	EA	3' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	864.38	38.80
		For Gate With Single Barb Wire Arm, Add	82.26	
		For Gate With Double Barb Wire Arm, Add	119.65	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-140.22	
		For Aluminized Steel Gate And Post, Add	358.96	
		For Powder Coated Gate And Post, Add	194.44	
		For 1" Mesh Fabric, Add	325.31	
		For 1-1/4" Mesh Fabric, Add	209.39	
		For 1-3/4" Mesh Fabric, Add	130.12	
		For 2-1/8" Mesh Fabric, Deduct	-65.06	
32 31 13 13-0386	EA	4' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	1,113.64	38.80
		For Gate With Single Barb Wire Arm, Add	109.68	
		For Gate With Double Barb Wire Arm, Add	159.53	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-186.95	
		For Aluminized Steel Gate And Post, Add	478.60	
		For Powder Coated Gate And Post, Add	259.24	
		For 1" Mesh Fabric, Add	433.73	
		For 1-1/4" Mesh Fabric, Add	279.19	
		For 1-3/4" Mesh Fabric, Add	173.49	
		For 2-1/8" Mesh Fabric, Deduct	-86.75	
32 31 13 13-0387	EA	5' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	1,293.56	40.22
		For Gate With Single Barb Wire Arm, Add	129.00	
		For Gate With Double Barb Wire Arm, Add	187.64	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-219.89	
		For Aluminized Steel Gate And Post, Add	562.91	
		For Powder Coated Gate And Post, Add	304.91	
		For 1" Mesh Fabric, Add	510.14	
		For 1-1/4" Mesh Fabric, Add	328.36	
		For 1-3/4" Mesh Fabric, Add	204.06	
		For 2-1/8" Mesh Fabric, Deduct	-102.03	
32 31 13 13-0388	EA	6' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	1,498.45	49.94
		For Gate With Single Barb Wire Arm, Add	148.32	
		For Gate With Double Barb Wire Arm, Add	215.74	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-252.82	
		For Aluminized Steel Gate And Post, Add	647.21	
		For Powder Coated Gate And Post, Add	350.57	
		For 1" Mesh Fabric, Add	586.53	
		For 1-1/4" Mesh Fabric, Add	377.54	
		For 1-3/4" Mesh Fabric, Add	234.61	
		For 2-1/8" Mesh Fabric, Deduct	-117.31	
32 31 13 13-0389	EA	7' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	685.25	59.76
		For Gate With Single Barb Wire Arm, Add	55.65	
		For Gate With Double Barb Wire Arm, Add	80.94	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-94.85	
		For Aluminized Steel Gate And Post, Add	242.82	
		For Powder Coated Gate And Post, Add	131.53	
		For 1" Mesh Fabric, Add	220.06	
		For 1-1/4" Mesh Fabric, Add	141.65	
		For 1-3/4" Mesh Fabric, Add	88.02	
		For 2-1/8" Mesh Fabric, Deduct	-44.01	
32 31 13 13-0390	EA	8' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	771.86	69.20
		For Gate With Single Barb Wire Arm, Add	62.06	
		For Gate With Double Barb Wire Arm, Add	90.27	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-105.78	
		For Aluminized Steel Gate And Post, Add	270.80	
		For Powder Coated Gate And Post, Add	146.68	
		For 1" Mesh Fabric, Add	245.41	
		For 1-1/4" Mesh Fabric, Add	157.97	
		For 1-3/4" Mesh Fabric, Add	98.17	
		For 2-1/8" Mesh Fabric, Deduct	-49.08	
32 31 13 13-0391	EA	9' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	859.43	78.92
		For Gate With Single Barb Wire Arm, Add	68.47	
		For Gate With Double Barb Wire Arm, Add	99.60	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-116.71	
		For Aluminized Steel Gate And Post, Add	298.79	
		For Powder Coated Gate And Post, Add	161.84	
		For 1" Mesh Fabric, Add	270.77	
		For 1-1/4" Mesh Fabric, Add	174.29	
		For 1-3/4" Mesh Fabric, Add	108.31	
		For 2-1/8" Mesh Fabric, Deduct	-54.15	
32 31 13 13-0392	EA	10' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	947.00	88.64
		For Gate With Single Barb Wire Arm, Add	74.88	
		For Gate With Double Barb Wire Arm, Add	108.92	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-127.64	
		For Aluminized Steel Gate And Post, Add	326.77	
		For Powder Coated Gate And Post, Add	177.00	
		For 1" Mesh Fabric, Add	296.13	
		For 1-1/4" Mesh Fabric, Add	190.62	
		For 1-3/4" Mesh Fabric, Add	118.45	
		For 2-1/8" Mesh Fabric, Deduct	-59.23	
32 31 13 13-0393	EA	10' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,268.47	106.60
		For Gate With Single Barb Wire Arm, Add	104.33	
		For Gate With Double Barb Wire Arm, Add	151.76	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-177.84	
		For Aluminized Steel Gate And Post, Add	455.28	
		For Powder Coated Gate And Post, Add	246.61	
		For 1" Mesh Fabric, Add	412.59	
		For 1-1/4" Mesh Fabric, Add	265.58	
		For 1-3/4" Mesh Fabric, Add	165.04	
		For 2-1/8" Mesh Fabric, Deduct	-82.52	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0394	EA	12' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,386.86	114.76
		<i>For Gate With Single Barb Wire Arm, Add</i>	114.67	
		<i>For Gate With Double Barb Wire Arm, Add</i>	166.79	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-195.46	
		<i>For Aluminized Steel Gate And Post, Add</i>	500.38	
		<i>For Powder Coated Gate And Post, Add</i>	271.04	
		<i>For 1" Mesh Fabric, Add</i>	453.47	
		<i>For 1-1/4" Mesh Fabric, Add</i>	291.89	
		<i>For 1-3/4" Mesh Fabric, Add</i>	181.39	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-90.69	
32 31 13 13-0395	EA	14' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,568.24	124.28
		<i>For Gate With Single Barb Wire Arm, Add</i>	131.44	
		<i>For Gate With Double Barb Wire Arm, Add</i>	191.19	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-224.05	
		<i>For Aluminized Steel Gate And Post, Add</i>	573.56	
		<i>For Powder Coated Gate And Post, Add</i>	310.68	
		<i>For 1" Mesh Fabric, Add</i>	519.79	
		<i>For 1-1/4" Mesh Fabric, Add</i>	334.58	
		<i>For 1-3/4" Mesh Fabric, Add</i>	207.92	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-103.96	
32 31 13 13-0396	EA	16' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,772.28	135.51
		<i>For Gate With Single Barb Wire Arm, Add</i>	150.16	
		<i>For Gate With Double Barb Wire Arm, Add</i>	218.42	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-255.96	
		<i>For Aluminized Steel Gate And Post, Add</i>	655.26	
		<i>For Powder Coated Gate And Post, Add</i>	354.93	
		<i>For 1" Mesh Fabric, Add</i>	593.83	
		<i>For 1-1/4" Mesh Fabric, Add</i>	382.23	
		<i>For 1-3/4" Mesh Fabric, Add</i>	237.53	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-118.77	
32 31 13 13-0397	EA	18' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	5,072.82	149.23
		<i>For Gate With Single Barb Wire Arm, Add</i>	508.76	
		<i>For Gate With Double Barb Wire Arm, Add</i>	740.01	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-867.20	
		<i>For Aluminized Steel Gate And Post, Add</i>	2,220.03	
		<i>For Powder Coated Gate And Post, Add</i>	1,202.52	
		<i>For 1" Mesh Fabric, Add</i>	2,011.90	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,295.02	
		<i>For 1-3/4" Mesh Fabric, Add</i>	804.76	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-402.38	
32 31 13 13-0398	EA	20' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	5,640.45	165.67
		<i>For Gate With Single Barb Wire Arm, Add</i>	565.74	
		<i>For Gate With Double Barb Wire Arm, Add</i>	822.90	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-964.33	
		<i>For Aluminized Steel Gate And Post, Add</i>	2,468.69	
		<i>For Powder Coated Gate And Post, Add</i>	1,337.21	
		<i>For 1" Mesh Fabric, Add</i>	2,237.25	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,440.07	
		<i>For 1-3/4" Mesh Fabric, Add</i>	894.90	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-447.45	
32 31 13 13-0399	EA	22' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	6,215.79	186.42
		<i>For Gate With Single Barb Wire Arm, Add</i>	622.14	
		<i>For Gate With Double Barb Wire Arm, Add</i>	904.93	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-1,060.47	
		<i>For Aluminized Steel Gate And Post, Add</i>	2,714.79	
		<i>For Powder Coated Gate And Post, Add</i>	1,470.51	
		<i>For 1" Mesh Fabric, Add</i>	2,460.28	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,583.63	
		<i>For 1-3/4" Mesh Fabric, Add</i>	984.11	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-492.06	
32 31 13 13-0400	EA	24' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	6,813.43	212.96
		<i>For Gate With Single Barb Wire Arm, Add</i>	679.13	
		<i>For Gate With Double Barb Wire Arm, Add</i>	987.82	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-1,157.60	
		<i>For Aluminized Steel Gate And Post, Add</i>	2,963.46	
		<i>For Powder Coated Gate And Post, Add</i>	1,605.21	
		<i>For 1" Mesh Fabric, Add</i>	2,685.63	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,728.68	
		<i>For 1-3/4" Mesh Fabric, Add</i>	1,074.25	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-537.13	
32 31 13 13-0401	EA	26' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	7,427.87	248.68
		<i>For Gate With Single Barb Wire Arm, Add</i>	734.94	
		<i>For Gate With Double Barb Wire Arm, Add</i>	1,069.00	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-1,252.73	
		<i>For Aluminized Steel Gate And Post, Add</i>	3,207.00	
		<i>For Powder Coated Gate And Post, Add</i>	1,737.12	
		<i>For 1" Mesh Fabric, Add</i>	2,906.34	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,870.75	
		<i>For 1-3/4" Mesh Fabric, Add</i>	1,162.54	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-581.27	
32 31 13 13-0402	EA	28' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	8,089.11	298.12
		<i>For Gate With Single Barb Wire Arm, Add</i>	791.33	
		<i>For Gate With Double Barb Wire Arm, Add</i>	1,151.03	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-1,348.87	
		<i>For Aluminized Steel Gate And Post, Add</i>	3,453.10	
		<i>For Powder Coated Gate And Post, Add</i>	1,870.43	
		<i>For 1" Mesh Fabric, Add</i>	3,129.37	
		<i>For 1-1/4" Mesh Fabric, Add</i>	2,014.31	
		<i>For 1-3/4" Mesh Fabric, Add</i>	1,251.75	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-625.87	

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
32 31 13 13-0403	EA	30' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire		8,831.95	372.96
		<i>For Gate With Single Barb Wire Arm, Add</i>		848.32	
		<i>For Gate With Double Barb Wire Arm, Add</i>		1,233.92	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>		-1,446.00	
		<i>For Aluminized Steel Gate And Post, Add</i>		3,701.76	
		<i>For Powder Coated Gate And Post, Add</i>		2,005.12	
		<i>For 1" Mesh Fabric, Add</i>		3,354.72	
		<i>For 1-1/4" Mesh Fabric, Add</i>		2,159.36	
		<i>For 1-3/4" Mesh Fabric, Add</i>		1,341.89	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>		-670.94	
32 31 13 13-0404		Vinyl Coated Without Barb Wire Arm <small>(32 31 13 13-0262)</small>			
		Note: Industrial swing gate. Includes posts (3" diameter posts for up to 6' wide gate, 4" diameter to 13' wide, 6-5/8" diameter for 18' wide, 8-5/8" diameter for over 18' wide), 2" diameter schedule pipe frame, offset hinges, cap and hardware (drop rod, center locking device, gate keeper, catch bolt and tension bands). Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.			
32 31 13 13-0405		4' Fence Height <small>(32 31 13 13-0404)</small>			
32 31 13 13-0406	EA	3' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm		189.10	23.60
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>		-22.18	
		<i>For 1" Mesh Fabric, Add</i>		51.46	
		<i>For 1-1/4" Mesh Fabric, Add</i>		33.12	
		<i>For 1-3/4" Mesh Fabric, Add</i>		20.58	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>		-10.29	
		<i>For Gate With Single Barb Wire Arm, Add</i>		13.01	
		<i>For Gate With Double Barb Wire Arm, Add</i>		18.93	
32 31 13 13-0407	EA	4' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm		228.53	23.60
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>		-29.57	
		<i>For 1" Mesh Fabric, Add</i>		68.61	
		<i>For 1-1/4" Mesh Fabric, Add</i>		44.16	
		<i>For 1-3/4" Mesh Fabric, Add</i>		27.45	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>		-13.72	
		<i>For Gate With Single Barb Wire Arm, Add</i>		17.35	
		<i>For Gate With Double Barb Wire Arm, Add</i>		25.24	
32 31 13 13-0408	EA	5' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm		266.13	25.11
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>		-35.74	
		<i>For 1" Mesh Fabric, Add</i>		82.91	
		<i>For 1-1/4" Mesh Fabric, Add</i>		53.37	
		<i>For 1-3/4" Mesh Fabric, Add</i>		33.16	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>		-16.58	
		<i>For Gate With Single Barb Wire Arm, Add</i>		20.97	
		<i>For Gate With Double Barb Wire Arm, Add</i>		30.50	
32 31 13 13-0409	EA	6' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm		314.09	30.21
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>		-41.90	
		<i>For 1" Mesh Fabric, Add</i>		97.21	
		<i>For 1-1/4" Mesh Fabric, Add</i>		62.57	
		<i>For 1-3/4" Mesh Fabric, Add</i>		38.88	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>		-19.44	
		<i>For Gate With Single Barb Wire Arm, Add</i>		24.58	
		<i>For Gate With Double Barb Wire Arm, Add</i>		35.75	
32 31 13 13-0410	EA	7' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm		362.04	35.22
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>		-48.06	
		<i>For 1" Mesh Fabric, Add</i>		111.49	
		<i>For 1-1/4" Mesh Fabric, Add</i>		71.77	
		<i>For 1-3/4" Mesh Fabric, Add</i>		44.60	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>		-22.30	
		<i>For Gate With Single Barb Wire Arm, Add</i>		28.19	
		<i>For Gate With Double Barb Wire Arm, Add</i>		41.01	
32 31 13 13-0411	EA	8' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm		410.02	40.22
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>		-54.22	
		<i>For 1" Mesh Fabric, Add</i>		125.80	
		<i>For 1-1/4" Mesh Fabric, Add</i>		80.97	
		<i>For 1-3/4" Mesh Fabric, Add</i>		50.32	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>		-25.16	
		<i>For Gate With Single Barb Wire Arm, Add</i>		31.81	
		<i>For Gate With Double Barb Wire Arm, Add</i>		46.27	
32 31 13 13-0412	EA	9' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm		457.99	45.32
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>		-60.38	
		<i>For 1" Mesh Fabric, Add</i>		140.09	
		<i>For 1-1/4" Mesh Fabric, Add</i>		90.17	
		<i>For 1-3/4" Mesh Fabric, Add</i>		56.03	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>		-28.02	
		<i>For Gate With Single Barb Wire Arm, Add</i>		35.42	
		<i>For Gate With Double Barb Wire Arm, Add</i>		51.53	
32 31 13 13-0413	EA	10' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm		505.95	50.32
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>		-66.54	
		<i>For 1" Mesh Fabric, Add</i>		154.38	
		<i>For 1-1/4" Mesh Fabric, Add</i>		99.37	
		<i>For 1-3/4" Mesh Fabric, Add</i>		61.75	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>		-30.88	
		<i>For Gate With Single Barb Wire Arm, Add</i>		39.04	
		<i>For Gate With Double Barb Wire Arm, Add</i>		56.78	
32 31 13 13-0414	EA	10' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm		624.25	50.32
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>		-88.73	
		<i>For 1" Mesh Fabric, Add</i>		205.84	
		<i>For 1-1/4" Mesh Fabric, Add</i>		132.50	
		<i>For 1-3/4" Mesh Fabric, Add</i>		82.34	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>		-41.17	
		<i>For Gate With Single Barb Wire Arm, Add</i>		52.05	
		<i>For Gate With Double Barb Wire Arm, Add</i>		75.71	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0415	EA	12' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	729.69	53.91
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-106.47	
		<i>For 1" Mesh Fabric, Add</i>	247.01	
		<i>For 1-1/4" Mesh Fabric, Add</i>	159.00	
		<i>For 1-3/4" Mesh Fabric, Add</i>	98.81	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-49.40	
		<i>For Gate With Single Barb Wire Arm, Add</i>	62.46	
		<i>For Gate With Double Barb Wire Arm, Add</i>	90.86	
32 31 13 13-0416	EA	14' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	836.78	58.06
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-124.22	
		<i>For 1" Mesh Fabric, Add</i>	288.18	
		<i>For 1-1/4" Mesh Fabric, Add</i>	185.50	
		<i>For 1-3/4" Mesh Fabric, Add</i>	115.27	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-57.64	
		<i>For Gate With Single Barb Wire Arm, Add</i>	72.87	
		<i>For Gate With Double Barb Wire Arm, Add</i>	106.00	
32 31 13 13-0417	EA	16' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	945.94	62.88
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-141.96	
		<i>For 1" Mesh Fabric, Add</i>	329.35	
		<i>For 1-1/4" Mesh Fabric, Add</i>	212.00	
		<i>For 1-3/4" Mesh Fabric, Add</i>	131.74	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-65.87	
		<i>For Gate With Single Barb Wire Arm, Add</i>	83.28	
		<i>For Gate With Double Barb Wire Arm, Add</i>	121.14	
32 31 13 13-0418	EA	18' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,093.68	80.51
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-159.71	
		<i>For 1" Mesh Fabric, Add</i>	370.52	
		<i>For 1-1/4" Mesh Fabric, Add</i>	238.50	
		<i>For 1-3/4" Mesh Fabric, Add</i>	148.21	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-74.10	
		<i>For Gate With Single Barb Wire Arm, Add</i>	93.69	
		<i>For Gate With Double Barb Wire Arm, Add</i>	136.28	
32 31 13 13-0419	EA	20' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,205.60	86.30
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-177.45	
		<i>For 1" Mesh Fabric, Add</i>	411.69	
		<i>For 1-1/4" Mesh Fabric, Add</i>	264.99	
		<i>For 1-3/4" Mesh Fabric, Add</i>	164.68	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-82.34	
		<i>For Gate With Single Barb Wire Arm, Add</i>	104.11	
		<i>For Gate With Double Barb Wire Arm, Add</i>	151.43	
32 31 13 13-0420	EA	22' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,320.18	92.99
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-195.20	
		<i>For 1" Mesh Fabric, Add</i>	452.86	
		<i>For 1-1/4" Mesh Fabric, Add</i>	291.49	
		<i>For 1-3/4" Mesh Fabric, Add</i>	181.14	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-90.57	
		<i>For Gate With Single Barb Wire Arm, Add</i>	114.52	
		<i>For Gate With Double Barb Wire Arm, Add</i>	166.57	
32 31 13 13-0421	EA	24' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,438.08	100.69
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-212.94	
		<i>For 1" Mesh Fabric, Add</i>	494.03	
		<i>For 1-1/4" Mesh Fabric, Add</i>	317.99	
		<i>For 1-3/4" Mesh Fabric, Add</i>	197.61	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-98.81	
		<i>For Gate With Single Barb Wire Arm, Add</i>	124.93	
		<i>For Gate With Double Barb Wire Arm, Add</i>	181.71	
32 31 13 13-0422	EA	26' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,560.20	109.88
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-230.69	
		<i>For 1" Mesh Fabric, Add</i>	535.19	
		<i>For 1-1/4" Mesh Fabric, Add</i>	344.49	
		<i>For 1-3/4" Mesh Fabric, Add</i>	214.08	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-107.04	
		<i>For Gate With Single Barb Wire Arm, Add</i>	135.34	
		<i>For Gate With Double Barb Wire Arm, Add</i>	196.85	
32 31 13 13-0423	EA	28' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,687.83	120.88
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-248.43	
		<i>For 1" Mesh Fabric, Add</i>	576.36	
		<i>For 1-1/4" Mesh Fabric, Add</i>	370.99	
		<i>For 1-3/4" Mesh Fabric, Add</i>	230.54	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-115.27	
		<i>For Gate With Single Barb Wire Arm, Add</i>	145.75	
		<i>For Gate With Double Barb Wire Arm, Add</i>	212.00	
32 31 13 13-0424	EA	30' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,822.79	134.26
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-266.18	
		<i>For 1" Mesh Fabric, Add</i>	617.53	
		<i>For 1-1/4" Mesh Fabric, Add</i>	397.49	
		<i>For 1-3/4" Mesh Fabric, Add</i>	247.01	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-123.51	
		<i>For Gate With Single Barb Wire Arm, Add</i>	156.16	
		<i>For Gate With Double Barb Wire Arm, Add</i>	227.14	
32 31 13 13-0425		5' Fence Height <small>(32 31 13 13-0404)</small>		
32 31 13 13-0426	EA	3' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	222.12	25.11
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-27.49	
		<i>For 1" Mesh Fabric, Add</i>	63.77	
		<i>For 1-1/4" Mesh Fabric, Add</i>	41.05	
		<i>For 1-3/4" Mesh Fabric, Add</i>	25.51	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-12.75	
		<i>For Gate With Single Barb Wire Arm, Add</i>	16.12	
		<i>For Gate With Double Barb Wire Arm, Add</i>	23.45	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0427	EA	4' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	270.99	25.11
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-36.65	
			For 1" Mesh Fabric, Add	85.03	
			For 1-1/4" Mesh Fabric, Add	54.73	
			For 1-3/4" Mesh Fabric, Add	34.01	
			For 2-1/8" Mesh Fabric, Deduct	-17.01	
			For Gate With Single Barb Wire Arm, Add	21.50	
			For Gate With Double Barb Wire Arm, Add	31.27	
32 31 13	13-0428	EA	5' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	312.35	26.72
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-43.52	
			For 1" Mesh Fabric, Add	100.97	
			For 1-1/4" Mesh Fabric, Add	64.99	
			For 1-3/4" Mesh Fabric, Add	40.39	
			For 2-1/8" Mesh Fabric, Deduct	-20.19	
			For Gate With Single Barb Wire Arm, Add	25.53	
			For Gate With Double Barb Wire Arm, Add	37.14	
32 31 13	13-0429	EA	6' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	365.04	32.10
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-50.39	
			For 1" Mesh Fabric, Add	116.91	
			For 1-1/4" Mesh Fabric, Add	75.25	
			For 1-3/4" Mesh Fabric, Add	46.76	
			For 2-1/8" Mesh Fabric, Deduct	-23.38	
			For Gate With Single Barb Wire Arm, Add	29.56	
			For Gate With Double Barb Wire Arm, Add	43.00	
32 31 13	13-0430	EA	7' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	417.75	37.38
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-57.26	
			For 1" Mesh Fabric, Add	132.85	
			For 1-1/4" Mesh Fabric, Add	85.51	
			For 1-3/4" Mesh Fabric, Add	53.14	
			For 2-1/8" Mesh Fabric, Deduct	-26.57	
			For Gate With Single Barb Wire Arm, Add	33.60	
			For Gate With Double Barb Wire Arm, Add	48.87	
32 31 13	13-0431	EA	8' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	471.38	43.05
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-64.13	
			For 1" Mesh Fabric, Add	148.79	
			For 1-1/4" Mesh Fabric, Add	95.77	
			For 1-3/4" Mesh Fabric, Add	59.52	
			For 2-1/8" Mesh Fabric, Deduct	-29.76	
			For Gate With Single Barb Wire Arm, Add	37.63	
			For Gate With Double Barb Wire Arm, Add	54.73	
32 31 13	13-0432	EA	9' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	524.08	48.43
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-71.01	
			For 1" Mesh Fabric, Add	164.73	
			For 1-1/4" Mesh Fabric, Add	106.04	
			For 1-3/4" Mesh Fabric, Add	65.89	
			For 2-1/8" Mesh Fabric, Deduct	-32.95	
			For Gate With Single Barb Wire Arm, Add	41.66	
			For Gate With Double Barb Wire Arm, Add	60.59	
32 31 13	13-0433	EA	10' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	576.77	53.71
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-77.88	
			For 1" Mesh Fabric, Add	180.67	
			For 1-1/4" Mesh Fabric, Add	116.30	
			For 1-3/4" Mesh Fabric, Add	72.27	
			For 2-1/8" Mesh Fabric, Deduct	-36.13	
			For Gate With Single Barb Wire Arm, Add	45.69	
			For Gate With Double Barb Wire Arm, Add	66.45	
32 31 13	13-0434	EA	10' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	748.20	53.91
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-109.94	
			For 1" Mesh Fabric, Add	255.07	
			For 1-1/4" Mesh Fabric, Add	164.18	
			For 1-3/4" Mesh Fabric, Add	102.03	
			For 2-1/8" Mesh Fabric, Deduct	-51.01	
			For Gate With Single Barb Wire Arm, Add	64.50	
			For Gate With Double Barb Wire Arm, Add	93.82	
32 31 13	13-0435	EA	12' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	877.93	58.06
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-131.93	
			For 1" Mesh Fabric, Add	306.08	
			For 1-1/4" Mesh Fabric, Add	197.02	
			For 1-3/4" Mesh Fabric, Add	122.43	
			For 2-1/8" Mesh Fabric, Deduct	-61.22	
			For Gate With Single Barb Wire Arm, Add	77.40	
			For Gate With Double Barb Wire Arm, Add	112.58	
32 31 13	13-0436	EA	14' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,009.72	62.88
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-153.92	
			For 1" Mesh Fabric, Add	357.10	
			For 1-1/4" Mesh Fabric, Add	229.85	
			For 1-3/4" Mesh Fabric, Add	142.84	
			For 2-1/8" Mesh Fabric, Deduct	-71.42	
			For Gate With Single Barb Wire Arm, Add	90.30	
			For Gate With Double Barb Wire Arm, Add	131.35	
32 31 13	13-0437	EA	16' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,180.09	80.51
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-175.91	
			For 1" Mesh Fabric, Add	408.11	
			For 1-1/4" Mesh Fabric, Add	262.69	
			For 1-3/4" Mesh Fabric, Add	163.24	
			For 2-1/8" Mesh Fabric, Deduct	-81.62	
			For Gate With Single Barb Wire Arm, Add	103.20	
			For Gate With Double Barb Wire Arm, Add	150.11	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 31 13 13-0438	EA	18	Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,314.64	86.30
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-197.90	
			<i>For 1" Mesh Fabric, Add</i>	459.12	
			<i>For 1-1/4" Mesh Fabric, Add</i>	295.53	
			<i>For 1-3/4" Mesh Fabric, Add</i>	183.65	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-91.82	
			<i>For Gate With Single Barb Wire Arm, Add</i>	116.10	
			<i>For Gate With Double Barb Wire Arm, Add</i>	168.87	
32 31 13 13-0439	EA	20	Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,451.86	92.99
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-219.89	
			<i>For 1" Mesh Fabric, Add</i>	510.14	
			<i>For 1-1/4" Mesh Fabric, Add</i>	328.36	
			<i>For 1-3/4" Mesh Fabric, Add</i>	204.06	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-102.03	
			<i>For Gate With Single Barb Wire Arm, Add</i>	129.00	
			<i>For Gate With Double Barb Wire Arm, Add</i>	187.64	
32 31 13 13-0440	EA	22	Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,592.39	100.69
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-241.88	
			<i>For 1" Mesh Fabric, Add</i>	561.15	
			<i>For 1-1/4" Mesh Fabric, Add</i>	361.20	
			<i>For 1-3/4" Mesh Fabric, Add</i>	224.46	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-112.23	
			<i>For Gate With Single Barb Wire Arm, Add</i>	141.90	
			<i>For Gate With Double Barb Wire Arm, Add</i>	206.40	
32 31 13 13-0441	EA	24	Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,737.14	109.88
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-263.86	
			<i>For 1" Mesh Fabric, Add</i>	612.16	
			<i>For 1-1/4" Mesh Fabric, Add</i>	394.04	
			<i>For 1-3/4" Mesh Fabric, Add</i>	244.86	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-122.43	
			<i>For Gate With Single Barb Wire Arm, Add</i>	154.80	
			<i>For Gate With Double Barb Wire Arm, Add</i>	225.16	
32 31 13 13-0442	EA	26	Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,887.41	120.88
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-285.85	
			<i>For 1" Mesh Fabric, Add</i>	663.18	
			<i>For 1-1/4" Mesh Fabric, Add</i>	426.87	
			<i>For 1-3/4" Mesh Fabric, Add</i>	265.27	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-132.64	
			<i>For Gate With Single Barb Wire Arm, Add</i>	167.70	
			<i>For Gate With Double Barb Wire Arm, Add</i>	243.93	
32 31 13 13-0443	EA	28	Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,045.00	134.26
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-307.84	
			<i>For 1" Mesh Fabric, Add</i>	714.19	
			<i>For 1-1/4" Mesh Fabric, Add</i>	459.71	
			<i>For 1-3/4" Mesh Fabric, Add</i>	285.68	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-142.84	
			<i>For Gate With Single Barb Wire Arm, Add</i>	180.60	
			<i>For Gate With Double Barb Wire Arm, Add</i>	262.69	
32 31 13 13-0444	EA	30	Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,212.67	151.04
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-329.83	
			<i>For 1" Mesh Fabric, Add</i>	765.20	
			<i>For 1-1/4" Mesh Fabric, Add</i>	492.55	
			<i>For 1-3/4" Mesh Fabric, Add</i>	306.08	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-153.04	
			<i>For Gate With Single Barb Wire Arm, Add</i>	193.50	
			<i>For Gate With Double Barb Wire Arm, Add</i>	281.45	
32 31 13 13-0445			6' Fence Height <small>(32 31 13 13-0404)</small>		
32 31 13 13-0446	EA	3	Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	237.58	26.90
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-29.37	
			<i>For 1" Mesh Fabric, Add</i>	68.15	
			<i>For 1-1/4" Mesh Fabric, Add</i>	43.86	
			<i>For 1-3/4" Mesh Fabric, Add</i>	27.26	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-13.63	
			<i>For Gate With Single Barb Wire Arm, Add</i>	17.23	
			<i>For Gate With Double Barb Wire Arm, Add</i>	25.07	
32 31 13 13-0447	EA	4	Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	289.81	26.90
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-39.17	
			<i>For 1" Mesh Fabric, Add</i>	90.87	
			<i>For 1-1/4" Mesh Fabric, Add</i>	58.49	
			<i>For 1-3/4" Mesh Fabric, Add</i>	36.35	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-18.17	
			<i>For Gate With Single Barb Wire Arm, Add</i>	22.98	
			<i>For Gate With Double Barb Wire Arm, Add</i>	33.42	
32 31 13 13-0448	EA	5	Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	333.96	28.60
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-46.51	
			<i>For 1" Mesh Fabric, Add</i>	107.91	
			<i>For 1-1/4" Mesh Fabric, Add</i>	69.46	
			<i>For 1-3/4" Mesh Fabric, Add</i>	43.16	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-21.58	
			<i>For Gate With Single Barb Wire Arm, Add</i>	27.29	
			<i>For Gate With Double Barb Wire Arm, Add</i>	39.69	
32 31 13 13-0449	EA	6	Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	391.07	34.55
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-53.85	
			<i>For 1" Mesh Fabric, Add</i>	124.94	
			<i>For 1-1/4" Mesh Fabric, Add</i>	80.42	
			<i>For 1-3/4" Mesh Fabric, Add</i>	49.98	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-24.99	
			<i>For Gate With Single Barb Wire Arm, Add</i>	31.59	
			<i>For Gate With Double Barb Wire Arm, Add</i>	45.96	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0450	EA		7' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	448.17	40.60
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-61.20	
			For 1" Mesh Fabric, Add	141.98	
			For 1-1/4" Mesh Fabric, Add	91.39	
			For 1-3/4" Mesh Fabric, Add	56.79	
			For 2-1/8" Mesh Fabric, Deduct	-28.40	
			For Gate With Single Barb Wire Arm, Add	35.90	
			For Gate With Double Barb Wire Arm, Add	52.22	
32 31 13 13-0451	EA		8' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	504.32	46.26
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-68.54	
			For 1" Mesh Fabric, Add	159.01	
			For 1-1/4" Mesh Fabric, Add	102.35	
			For 1-3/4" Mesh Fabric, Add	63.61	
			For 2-1/8" Mesh Fabric, Deduct	-31.80	
			For Gate With Single Barb Wire Arm, Add	40.21	
			For Gate With Double Barb Wire Arm, Add	58.49	
32 31 13 13-0452	EA		9' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	561.44	52.20
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-75.89	
			For 1" Mesh Fabric, Add	176.05	
			For 1-1/4" Mesh Fabric, Add	113.32	
			For 1-3/4" Mesh Fabric, Add	70.42	
			For 2-1/8" Mesh Fabric, Deduct	-35.21	
			For Gate With Single Barb Wire Arm, Add	44.52	
			For Gate With Double Barb Wire Arm, Add	64.76	
32 31 13 13-0453	EA		10' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	618.53	58.15
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-83.23	
			For 1" Mesh Fabric, Add	193.09	
			For 1-1/4" Mesh Fabric, Add	124.29	
			For 1-3/4" Mesh Fabric, Add	77.24	
			For 2-1/8" Mesh Fabric, Deduct	-38.62	
			For Gate With Single Barb Wire Arm, Add	48.83	
			For Gate With Double Barb Wire Arm, Add	71.02	
32 31 13 13-0454	EA		10' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	800.95	58.06
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-117.50	
			For 1" Mesh Fabric, Add	272.60	
			For 1-1/4" Mesh Fabric, Add	175.46	
			For 1-3/4" Mesh Fabric, Add	109.04	
			For 2-1/8" Mesh Fabric, Deduct	-54.52	
			For Gate With Single Barb Wire Arm, Add	68.93	
			For Gate With Double Barb Wire Arm, Add	100.27	
32 31 13 13-0455	EA		12' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	940.80	62.88
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-141.00	
			For 1" Mesh Fabric, Add	327.12	
			For 1-1/4" Mesh Fabric, Add	210.56	
			For 1-3/4" Mesh Fabric, Add	130.85	
			For 2-1/8" Mesh Fabric, Deduct	-65.42	
			For Gate With Single Barb Wire Arm, Add	82.72	
			For Gate With Double Barb Wire Arm, Add	120.32	
32 31 13 13-0456	EA		14' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,136.51	86.30
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-164.50	
			For 1" Mesh Fabric, Add	381.63	
			For 1-1/4" Mesh Fabric, Add	245.65	
			For 1-3/4" Mesh Fabric, Add	152.65	
			For 2-1/8" Mesh Fabric, Deduct	-76.33	
			For Gate With Single Barb Wire Arm, Add	96.51	
			For Gate With Double Barb Wire Arm, Add	140.37	
32 31 13 13-0457	EA		16' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,281.78	92.99
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-188.00	
			For 1" Mesh Fabric, Add	436.15	
			For 1-1/4" Mesh Fabric, Add	280.74	
			For 1-3/4" Mesh Fabric, Add	174.46	
			For 2-1/8" Mesh Fabric, Deduct	-87.23	
			For Gate With Single Barb Wire Arm, Add	110.29	
			For Gate With Double Barb Wire Arm, Add	160.42	
32 31 13 13-0458	EA		18' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,430.37	100.69
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-211.50	
			For 1" Mesh Fabric, Add	490.67	
			For 1-1/4" Mesh Fabric, Add	315.83	
			For 1-3/4" Mesh Fabric, Add	196.27	
			For 2-1/8" Mesh Fabric, Deduct	-98.13	
			For Gate With Single Barb Wire Arm, Add	124.08	
			For Gate With Double Barb Wire Arm, Add	180.48	
32 31 13 13-0459	EA		20' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,606.34	109.88
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-239.34	
			For 1" Mesh Fabric, Add	555.26	
			For 1-1/4" Mesh Fabric, Add	357.41	
			For 1-3/4" Mesh Fabric, Add	222.11	
			For 2-1/8" Mesh Fabric, Deduct	-111.05	
			For Gate With Single Barb Wire Arm, Add	140.41	
			For Gate With Double Barb Wire Arm, Add	204.24	
32 31 13 13-0460	EA		22' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,745.71	120.88
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-259.28	
			For 1" Mesh Fabric, Add	601.54	
			For 1-1/4" Mesh Fabric, Add	387.20	
			For 1-3/4" Mesh Fabric, Add	240.62	
			For 2-1/8" Mesh Fabric, Deduct	-120.31	
			For Gate With Single Barb Wire Arm, Add	152.11	
			For Gate With Double Barb Wire Arm, Add	221.26	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0461	EA	24' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,907.15	134.26
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-281.99	
		<i>For 1" Mesh Fabric, Add</i>	654.23	
		<i>For 1-1/4" Mesh Fabric, Add</i>	421.11	
		<i>For 1-3/4" Mesh Fabric, Add</i>	261.69	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-130.85	
		<i>For Gate With Single Barb Wire Arm, Add</i>	165.44	
		<i>For Gate With Double Barb Wire Arm, Add</i>	240.64	
32 31 13 13-0462	EA	26' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,082.89	151.04
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-305.50	
		<i>For 1" Mesh Fabric, Add</i>	708.75	
		<i>For 1-1/4" Mesh Fabric, Add</i>	456.21	
		<i>For 1-3/4" Mesh Fabric, Add</i>	283.50	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-141.75	
		<i>For Gate With Single Barb Wire Arm, Add</i>	179.22	
		<i>For Gate With Double Barb Wire Arm, Add</i>	260.69	
32 31 13 13-0463	EA	28' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,273.01	172.58
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-329.00	
		<i>For 1" Mesh Fabric, Add</i>	763.27	
		<i>For 1-1/4" Mesh Fabric, Add</i>	491.30	
		<i>For 1-3/4" Mesh Fabric, Add</i>	305.31	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-152.65	
		<i>For Gate With Single Barb Wire Arm, Add</i>	193.01	
		<i>For Gate With Double Barb Wire Arm, Add</i>	280.74	
32 31 13 13-0464	EA	30' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,484.74	201.39
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-352.49	
		<i>For 1" Mesh Fabric, Add</i>	817.79	
		<i>For 1-1/4" Mesh Fabric, Add</i>	526.39	
		<i>For 1-3/4" Mesh Fabric, Add</i>	327.11	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-163.56	
		<i>For Gate With Single Barb Wire Arm, Add</i>	206.80	
		<i>For Gate With Double Barb Wire Arm, Add</i>	300.80	
32 31 13 13-0465		7' Fence Height <small>(32 31 13 13-0404)</small>		
32 31 13 13-0466	EA	3' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	251.70	28.98
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-30.85	
		<i>For 1" Mesh Fabric, Add</i>	71.58	
		<i>For 1-1/4" Mesh Fabric, Add</i>	46.07	
		<i>For 1-3/4" Mesh Fabric, Add</i>	28.63	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-14.32	
		<i>For Gate With Single Barb Wire Arm, Add</i>	18.10	
		<i>For Gate With Double Barb Wire Arm, Add</i>	26.33	
32 31 13 13-0467	EA	4' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	306.55	28.98
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-41.14	
		<i>For 1" Mesh Fabric, Add</i>	95.44	
		<i>For 1-1/4" Mesh Fabric, Add</i>	61.43	
		<i>For 1-3/4" Mesh Fabric, Add</i>	38.18	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-19.09	
		<i>For Gate With Single Barb Wire Arm, Add</i>	24.13	
		<i>For Gate With Double Barb Wire Arm, Add</i>	35.10	
32 31 13 13-0468	EA	5' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	352.12	30.49
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-48.85	
		<i>For 1" Mesh Fabric, Add</i>	113.34	
		<i>For 1-1/4" Mesh Fabric, Add</i>	72.95	
		<i>For 1-3/4" Mesh Fabric, Add</i>	45.34	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-22.67	
		<i>For Gate With Single Barb Wire Arm, Add</i>	28.66	
		<i>For Gate With Double Barb Wire Arm, Add</i>	41.69	
32 31 13 13-0469	EA	6' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	413.09	37.10
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-56.57	
		<i>For 1" Mesh Fabric, Add</i>	131.24	
		<i>For 1-1/4" Mesh Fabric, Add</i>	84.47	
		<i>For 1-3/4" Mesh Fabric, Add</i>	52.49	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-26.25	
		<i>For Gate With Single Barb Wire Arm, Add</i>	33.19	
		<i>For Gate With Double Barb Wire Arm, Add</i>	48.27	
32 31 13 13-0470	EA	7' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	473.11	43.43
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-64.28	
		<i>For 1" Mesh Fabric, Add</i>	149.13	
		<i>For 1-1/4" Mesh Fabric, Add</i>	95.99	
		<i>For 1-3/4" Mesh Fabric, Add</i>	59.65	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-29.83	
		<i>For Gate With Single Barb Wire Arm, Add</i>	37.71	
		<i>For Gate With Double Barb Wire Arm, Add</i>	54.85	
32 31 13 13-0471	EA	8' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	534.08	49.94
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-72.00	
		<i>For 1" Mesh Fabric, Add</i>	167.03	
		<i>For 1-1/4" Mesh Fabric, Add</i>	107.51	
		<i>For 1-3/4" Mesh Fabric, Add</i>	66.81	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-33.41	
		<i>For Gate With Single Barb Wire Arm, Add</i>	42.24	
		<i>For Gate With Double Barb Wire Arm, Add</i>	61.44	
32 31 13 13-0472	EA	9' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	594.09	56.26
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-79.71	
		<i>For 1" Mesh Fabric, Add</i>	184.92	
		<i>For 1-1/4" Mesh Fabric, Add</i>	119.03	
		<i>For 1-3/4" Mesh Fabric, Add</i>	73.97	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-36.98	
		<i>For Gate With Single Barb Wire Arm, Add</i>	46.76	
		<i>For Gate With Double Barb Wire Arm, Add</i>	68.02	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0473	EA	10' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	655.06	62.88
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-87.42	
			For 1" Mesh Fabric, Add	202.82	
			For 1-1/4" Mesh Fabric, Add	130.55	
			For 1-3/4" Mesh Fabric, Add	81.13	
			For 2-1/8" Mesh Fabric, Deduct	-40.56	
			For Gate With Single Barb Wire Arm, Add	51.29	
			For Gate With Double Barb Wire Arm, Add	74.60	
32 31 13	13-0474	EA	10' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	847.04	62.88
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-123.42	
			For 1" Mesh Fabric, Add	286.33	
			For 1-1/4" Mesh Fabric, Add	184.30	
			For 1-3/4" Mesh Fabric, Add	114.53	
			For 2-1/8" Mesh Fabric, Deduct	-57.27	
			For Gate With Single Barb Wire Arm, Add	72.41	
			For Gate With Double Barb Wire Arm, Add	105.32	
32 31 13	13-0475	EA	12' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,049.04	86.30
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-148.10	
			For 1" Mesh Fabric, Add	343.58	
			For 1-1/4" Mesh Fabric, Add	221.16	
			For 1-3/4" Mesh Fabric, Add	137.43	
			For 2-1/8" Mesh Fabric, Deduct	-68.72	
			For Gate With Single Barb Wire Arm, Add	86.88	
			For Gate With Double Barb Wire Arm, Add	126.38	
32 31 13	13-0476	EA	14' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,200.64	92.99
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-172.78	
			For 1" Mesh Fabric, Add	400.86	
			For 1-1/4" Mesh Fabric, Add	258.02	
			For 1-3/4" Mesh Fabric, Add	160.34	
			For 2-1/8" Mesh Fabric, Deduct	-80.17	
			For Gate With Single Barb Wire Arm, Add	101.37	
			For Gate With Double Barb Wire Arm, Add	147.44	
32 31 13	13-0477	EA	16' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,355.53	100.69
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-197.46	
			For 1" Mesh Fabric, Add	458.12	
			For 1-1/4" Mesh Fabric, Add	294.88	
			For 1-3/4" Mesh Fabric, Add	183.25	
			For 2-1/8" Mesh Fabric, Deduct	-91.62	
			For Gate With Single Barb Wire Arm, Add	115.85	
			For Gate With Double Barb Wire Arm, Add	168.50	
32 31 13	13-0478	EA	18' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,514.66	109.88
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-222.15	
			For 1" Mesh Fabric, Add	515.38	
			For 1-1/4" Mesh Fabric, Add	331.74	
			For 1-3/4" Mesh Fabric, Add	206.15	
			For 2-1/8" Mesh Fabric, Deduct	-103.08	
			For Gate With Single Barb Wire Arm, Add	130.33	
			For Gate With Double Barb Wire Arm, Add	189.57	
32 31 13	13-0479	EA	20' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,679.28	120.88
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-246.83	
			For 1" Mesh Fabric, Add	572.64	
			For 1-1/4" Mesh Fabric, Add	368.60	
			For 1-3/4" Mesh Fabric, Add	229.06	
			For 2-1/8" Mesh Fabric, Deduct	-114.53	
			For Gate With Single Barb Wire Arm, Add	144.81	
			For Gate With Double Barb Wire Arm, Add	210.63	
32 31 13	13-0480	EA	22' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,851.23	134.26
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-271.51	
			For 1" Mesh Fabric, Add	629.90	
			For 1-1/4" Mesh Fabric, Add	405.45	
			For 1-3/4" Mesh Fabric, Add	251.96	
			For 2-1/8" Mesh Fabric, Deduct	-125.98	
			For Gate With Single Barb Wire Arm, Add	159.29	
			For Gate With Double Barb Wire Arm, Add	231.69	
32 31 13	13-0481	EA	24' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,033.28	151.04
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-296.19	
			For 1" Mesh Fabric, Add	687.17	
			For 1-1/4" Mesh Fabric, Add	442.32	
			For 1-3/4" Mesh Fabric, Add	274.87	
			For 2-1/8" Mesh Fabric, Deduct	-137.43	
			For Gate With Single Barb Wire Arm, Add	173.77	
			For Gate With Double Barb Wire Arm, Add	252.75	
32 31 13	13-0482	EA	26' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,229.73	172.58
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-320.88	
			For 1" Mesh Fabric, Add	744.44	
			For 1-1/4" Mesh Fabric, Add	479.18	
			For 1-3/4" Mesh Fabric, Add	297.78	
			For 2-1/8" Mesh Fabric, Deduct	-148.89	
			For Gate With Single Barb Wire Arm, Add	188.25	
			For Gate With Double Barb Wire Arm, Add	273.82	
32 31 13	13-0483	EA	28' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,447.76	201.39
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-345.56	
			For 1" Mesh Fabric, Add	801.70	
			For 1-1/4" Mesh Fabric, Add	516.04	
			For 1-3/4" Mesh Fabric, Add	320.68	
			For 2-1/8" Mesh Fabric, Deduct	-160.34	
			For Gate With Single Barb Wire Arm, Add	202.73	
			For Gate With Double Barb Wire Arm, Add	294.88	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 31 13 13-0484	EA	30' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,700.38	241.64
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-370.25	
		<i>For 1" Mesh Fabric, Add</i>	858.97	
		<i>For 1-1/4" Mesh Fabric, Add</i>	552.90	
		<i>For 1-3/4" Mesh Fabric, Add</i>	343.59	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-171.79	
		<i>For Gate With Single Barb Wire Arm, Add</i>	217.21	
		<i>For Gate With Double Barb Wire Arm, Add</i>	315.94	
32 31 13 13-0485		8' Fence Height <small>(32 31 13 13-0404)</small>		
32 31 13 13-0486	EA	3' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	293.85	31.43
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-37.40	
		<i>For 1" Mesh Fabric, Add</i>	86.76	
		<i>For 1-1/4" Mesh Fabric, Add</i>	55.85	
		<i>For 1-3/4" Mesh Fabric, Add</i>	34.70	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-17.35	
		<i>For Gate With Single Barb Wire Arm, Add</i>	21.94	
		<i>For Gate With Double Barb Wire Arm, Add</i>	31.91	
32 31 13 13-0487	EA	4' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	360.33	31.43
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-49.86	
		<i>For 1" Mesh Fabric, Add</i>	115.68	
		<i>For 1-1/4" Mesh Fabric, Add</i>	74.46	
		<i>For 1-3/4" Mesh Fabric, Add</i>	46.27	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-23.14	
		<i>For Gate With Single Barb Wire Arm, Add</i>	29.25	
		<i>For Gate With Double Barb Wire Arm, Add</i>	42.55	
32 31 13 13-0488	EA	5' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	404.65	31.43
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-58.17	
		<i>For 1" Mesh Fabric, Add</i>	134.96	
		<i>For 1-1/4" Mesh Fabric, Add</i>	86.87	
		<i>For 1-3/4" Mesh Fabric, Add</i>	53.98	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-26.99	
		<i>For Gate With Single Barb Wire Arm, Add</i>	34.13	
		<i>For Gate With Double Barb Wire Arm, Add</i>	49.64	
32 31 13 13-0489	EA	6' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	473.53	39.65
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-66.48	
		<i>For 1" Mesh Fabric, Add</i>	154.24	
		<i>For 1-1/4" Mesh Fabric, Add</i>	99.28	
		<i>For 1-3/4" Mesh Fabric, Add</i>	61.70	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-30.85	
		<i>For Gate With Single Barb Wire Arm, Add</i>	39.00	
		<i>For Gate With Double Barb Wire Arm, Add</i>	56.73	
32 31 13 13-0490	EA	7' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	542.39	47.77
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-74.79	
		<i>For 1" Mesh Fabric, Add</i>	173.52	
		<i>For 1-1/4" Mesh Fabric, Add</i>	111.69	
		<i>For 1-3/4" Mesh Fabric, Add</i>	69.41	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-34.70	
		<i>For Gate With Single Barb Wire Arm, Add</i>	43.88	
		<i>For Gate With Double Barb Wire Arm, Add</i>	63.82	
32 31 13 13-0491	EA	8' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	610.32	55.61
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-83.10	
		<i>For 1" Mesh Fabric, Add</i>	192.80	
		<i>For 1-1/4" Mesh Fabric, Add</i>	124.10	
		<i>For 1-3/4" Mesh Fabric, Add</i>	77.12	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-38.56	
		<i>For Gate With Single Barb Wire Arm, Add</i>	48.75	
		<i>For Gate With Double Barb Wire Arm, Add</i>	70.92	
32 31 13 13-0492	EA	9' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	679.19	63.82
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-91.41	
		<i>For 1" Mesh Fabric, Add</i>	212.08	
		<i>For 1-1/4" Mesh Fabric, Add</i>	136.51	
		<i>For 1-3/4" Mesh Fabric, Add</i>	84.83	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-42.42	
		<i>For Gate With Single Barb Wire Arm, Add</i>	53.63	
		<i>For Gate With Double Barb Wire Arm, Add</i>	78.01	
32 31 13 13-0493	EA	10' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	748.04	72.03
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-99.72	
		<i>For 1" Mesh Fabric, Add</i>	231.36	
		<i>For 1-1/4" Mesh Fabric, Add</i>	148.92	
		<i>For 1-3/4" Mesh Fabric, Add</i>	92.54	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-46.27	
		<i>For Gate With Single Barb Wire Arm, Add</i>	58.50	
		<i>For Gate With Double Barb Wire Arm, Add</i>	85.10	
32 31 13 13-0494	EA	10' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,056.98	86.30
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-149.59	
		<i>For 1" Mesh Fabric, Add</i>	347.04	
		<i>For 1-1/4" Mesh Fabric, Add</i>	223.38	
		<i>For 1-3/4" Mesh Fabric, Add</i>	138.82	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-69.41	
		<i>For Gate With Single Barb Wire Arm, Add</i>	87.76	
		<i>For Gate With Double Barb Wire Arm, Add</i>	127.65	
32 31 13 13-0495	EA	12' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,236.47	92.99
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-179.50	
		<i>For 1" Mesh Fabric, Add</i>	416.44	
		<i>For 1-1/4" Mesh Fabric, Add</i>	268.06	
		<i>For 1-3/4" Mesh Fabric, Add</i>	166.58	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-83.29	
		<i>For Gate With Single Barb Wire Arm, Add</i>	105.31	
		<i>For Gate With Double Barb Wire Arm, Add</i>	153.17	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0496	EA		14' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	1,419.29 -209.42 485.85 312.73 194.34 -97.17 122.86 178.70	100.69
32 31 13 13-0497	EA		16' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	1,606.33 -239.34 555.26 357.41 222.10 -111.05 140.41 204.23	109.88
32 31 13 13-0498	EA		18' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	1,798.87 -269.25 624.66 402.08 249.87 -124.93 157.96 229.76	120.88
32 31 13 13-0499	EA		20' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	1,998.75 -299.17 694.07 446.76 277.63 -138.81 175.51 255.29	134.26
32 31 13 13-0500	EA		22' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	2,208.71 -329.09 763.48 491.44 305.39 -152.70 193.06 280.82	151.04
32 31 13 13-0501	EA		24' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	2,433.06 -359.00 832.89 536.11 333.16 -166.58 210.62 306.35	172.58
32 31 13 13-0502	EA		26' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	2,679.01 -388.92 902.29 580.79 360.92 -180.46 228.17 331.88	201.39
32 31 13 13-0503	EA		28' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	2,959.53 -418.84 971.70 625.46 388.68 -194.34 245.72 357.41	241.64
32 31 13 13-0504	EA		30' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	3,300.52 -448.76 1,041.11 670.14 416.44 -208.22 263.27 382.94	302.08
32 31 13 13-0505			10' Fence Height <small>(32 31 13 13-0404)</small>		
32 31 13 13-0506	EA		3' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	336.26 -43.38 100.65 64.78 40.26 -20.13 25.45 37.02	34.93
32 31 13 13-0507	EA		4' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	413.38 -57.84 134.19 86.38 53.68 -26.84 33.93 49.36	34.93

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0508	EA	5' Wide x 10' High Gate Single Vinyl Coated Without Barbed Wire Arm.....	469.41	36.44
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-67.48	
		For 1" Mesh Fabric, Add	156.56	
		For 1-1/4" Mesh Fabric, Add	100.77	
		For 1-3/4" Mesh Fabric, Add	62.62	
		For 2-1/8" Mesh Fabric, Deduct	-31.31	
		For Gate With Single Barb Wire Arm, Add	39.59	
		For Gate With Double Barb Wire Arm, Add	57.59	
32 31 13 13-0509	EA	6' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	547.25	45.32
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-77.12	
		For 1" Mesh Fabric, Add	178.92	
		For 1-1/4" Mesh Fabric, Add	115.17	
		For 1-3/4" Mesh Fabric, Add	71.57	
		For 2-1/8" Mesh Fabric, Deduct	-35.78	
		For Gate With Single Barb Wire Arm, Add	45.25	
		For Gate With Double Barb Wire Arm, Add	65.81	
32 31 13 13-0510	EA	7' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	624.17	53.71
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-86.76	
		For 1" Mesh Fabric, Add	201.29	
		For 1-1/4" Mesh Fabric, Add	129.57	
		For 1-3/4" Mesh Fabric, Add	80.52	
		For 2-1/8" Mesh Fabric, Deduct	-40.26	
		For Gate With Single Barb Wire Arm, Add	50.90	
		For Gate With Double Barb Wire Arm, Add	74.04	
32 31 13 13-0511	EA	8' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	702.02	62.59
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-96.41	
		For 1" Mesh Fabric, Add	223.66	
		For 1-1/4" Mesh Fabric, Add	143.96	
		For 1-3/4" Mesh Fabric, Add	89.46	
		For 2-1/8" Mesh Fabric, Deduct	-44.73	
		For Gate With Single Barb Wire Arm, Add	56.56	
		For Gate With Double Barb Wire Arm, Add	82.27	
32 31 13 13-0512	EA	9' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	778.93	71.09
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-106.05	
		For 1" Mesh Fabric, Add	246.03	
		For 1-1/4" Mesh Fabric, Add	158.36	
		For 1-3/4" Mesh Fabric, Add	98.41	
		For 2-1/8" Mesh Fabric, Deduct	-49.21	
		For Gate With Single Barb Wire Arm, Add	62.21	
		For Gate With Double Barb Wire Arm, Add	90.49	
32 31 13 13-0513	EA	10' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	856.78	79.87
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-115.69	
		For 1" Mesh Fabric, Add	268.39	
		For 1-1/4" Mesh Fabric, Add	172.76	
		For 1-3/4" Mesh Fabric, Add	107.36	
		For 2-1/8" Mesh Fabric, Deduct	-53.68	
		For Gate With Single Barb Wire Arm, Add	67.87	
		For Gate With Double Barb Wire Arm, Add	98.72	
32 31 13 13-0514	EA	10' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,213.45	95.93
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-173.53	
		For 1" Mesh Fabric, Add	402.58	
		For 1-1/4" Mesh Fabric, Add	259.13	
		For 1-3/4" Mesh Fabric, Add	161.03	
		For 2-1/8" Mesh Fabric, Deduct	-80.52	
		For Gate With Single Barb Wire Arm, Add	101.80	
		For Gate With Double Barb Wire Arm, Add	148.08	
32 31 13 13-0515	EA	12' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,420.61	103.19
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-208.23	
		For 1" Mesh Fabric, Add	483.10	
		For 1-1/4" Mesh Fabric, Add	310.96	
		For 1-3/4" Mesh Fabric, Add	193.24	
		For 2-1/8" Mesh Fabric, Deduct	-96.62	
		For Gate With Single Barb Wire Arm, Add	122.16	
		For Gate With Double Barb Wire Arm, Add	177.69	
32 31 13 13-0516	EA	14' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,631.65	111.92
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-242.94	
		For 1" Mesh Fabric, Add	563.61	
		For 1-1/4" Mesh Fabric, Add	362.78	
		For 1-3/4" Mesh Fabric, Add	225.44	
		For 2-1/8" Mesh Fabric, Deduct	-112.72	
		For Gate With Single Barb Wire Arm, Add	142.52	
		For Gate With Double Barb Wire Arm, Add	207.31	
32 31 13 13-0517	EA	16' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,847.13	122.01
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-277.64	
		For 1" Mesh Fabric, Add	644.13	
		For 1-1/4" Mesh Fabric, Add	414.61	
		For 1-3/4" Mesh Fabric, Add	257.65	
		For 2-1/8" Mesh Fabric, Deduct	-128.83	
		For Gate With Single Barb Wire Arm, Add	162.88	
		For Gate With Double Barb Wire Arm, Add	236.92	
32 31 13 13-0518	EA	18' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,069.03	134.26
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-312.35	
		For 1" Mesh Fabric, Add	724.64	
		For 1-1/4" Mesh Fabric, Add	466.44	
		For 1-3/4" Mesh Fabric, Add	289.86	
		For 2-1/8" Mesh Fabric, Deduct	-144.93	
		For Gate With Single Barb Wire Arm, Add	183.24	
		For Gate With Double Barb Wire Arm, Add	266.54	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0519	EA		20' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,298.70	149.12
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-347.05	
			For 1" Mesh Fabric, Add	805.16	
			For 1-1/4" Mesh Fabric, Add	518.26	
			For 1-3/4" Mesh Fabric, Add	322.06	
			For 2-1/8" Mesh Fabric, Deduct	-161.03	
			For Gate With Single Barb Wire Arm, Add	203.60	
			For Gate With Double Barb Wire Arm, Add	296.15	
32 31 13 13-0520	EA		22' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,540.01	167.83
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-381.76	
			For 1" Mesh Fabric, Add	885.67	
			For 1-1/4" Mesh Fabric, Add	570.09	
			For 1-3/4" Mesh Fabric, Add	354.27	
			For 2-1/8" Mesh Fabric, Deduct	-177.13	
			For Gate With Single Barb Wire Arm, Add	223.96	
			For Gate With Double Barb Wire Arm, Add	325.76	
32 31 13 13-0521	EA		24 Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,796.74	191.64
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-416.46	
			For 1" Mesh Fabric, Add	966.19	
			For 1-1/4" Mesh Fabric, Add	621.92	
			For 1-3/4" Mesh Fabric, Add	386.48	
			For 2-1/8" Mesh Fabric, Deduct	-193.24	
			For Gate With Single Barb Wire Arm, Add	244.32	
			For Gate With Double Barb Wire Arm, Add	355.38	
32 31 13 13-0522	EA		26' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,078.19	223.73
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-451.17	
			For 1" Mesh Fabric, Add	1,046.71	
			For 1-1/4" Mesh Fabric, Add	673.74	
			For 1-3/4" Mesh Fabric, Add	418.68	
			For 2-1/8" Mesh Fabric, Deduct	-209.34	
			For Gate With Single Barb Wire Arm, Add	264.68	
			For Gate With Double Barb Wire Arm, Add	385.00	
32 31 13 13-0523	EA		28' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,396.97	268.30
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-485.87	
			For 1" Mesh Fabric, Add	1,127.22	
			For 1-1/4" Mesh Fabric, Add	725.57	
			For 1-3/4" Mesh Fabric, Add	450.89	
			For 2-1/8" Mesh Fabric, Deduct	-225.44	
			For Gate With Single Barb Wire Arm, Add	285.05	
			For Gate With Double Barb Wire Arm, Add	414.61	
32 31 13 13-0524	EA		30' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,784.37	335.65
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-520.58	
			For 1" Mesh Fabric, Add	1,207.74	
			For 1-1/4" Mesh Fabric, Add	777.39	
			For 1-3/4" Mesh Fabric, Add	483.10	
			For 2-1/8" Mesh Fabric, Deduct	-241.55	
			For Gate With Single Barb Wire Arm, Add	305.41	
			For Gate With Double Barb Wire Arm, Add	444.23	
32 31 13 13-0525			12' Fence Height <small>(32 31 13 13-0404)</small>		
32 31 13 13-0526	EA		3' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	439.21	38.80
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-60.50	
			For 1" Mesh Fabric, Add	140.36	
			For 1-1/4" Mesh Fabric, Add	90.34	
			For 1-3/4" Mesh Fabric, Add	56.14	
			For 2-1/8" Mesh Fabric, Deduct	-28.07	
			For Gate With Single Barb Wire Arm, Add	35.49	
			For Gate With Double Barb Wire Arm, Add	51.63	
32 31 13 13-0527	EA		4' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	546.47	38.80
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-80.61	
			For 1" Mesh Fabric, Add	187.02	
			For 1-1/4" Mesh Fabric, Add	120.38	
			For 1-3/4" Mesh Fabric, Add	74.81	
			For 2-1/8" Mesh Fabric, Deduct	-37.40	
			For Gate With Single Barb Wire Arm, Add	47.29	
			For Gate With Double Barb Wire Arm, Add	68.79	
32 31 13 13-0528	EA		5' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	630.53	40.22
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-95.57	
			For 1" Mesh Fabric, Add	221.72	
			For 1-1/4" Mesh Fabric, Add	142.72	
			For 1-3/4" Mesh Fabric, Add	88.69	
			For 2-1/8" Mesh Fabric, Deduct	-44.34	
			For Gate With Single Barb Wire Arm, Add	56.07	
			For Gate With Double Barb Wire Arm, Add	81.55	
32 31 13 13-0529	EA		6' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	726.29	49.94
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-108.04	
			For 1" Mesh Fabric, Add	250.64	
			For 1-1/4" Mesh Fabric, Add	161.33	
			For 1-3/4" Mesh Fabric, Add	100.26	
			For 2-1/8" Mesh Fabric, Deduct	-50.13	
			For Gate With Single Barb Wire Arm, Add	63.38	
			For Gate With Double Barb Wire Arm, Add	92.19	
32 31 13 13-0530	EA		7' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	829.43	59.76
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-121.89	
			For 1" Mesh Fabric, Add	282.78	
			For 1-1/4" Mesh Fabric, Add	182.02	
			For 1-3/4" Mesh Fabric, Add	113.11	
			For 2-1/8" Mesh Fabric, Deduct	-56.56	
			For Gate With Single Barb Wire Arm, Add	71.51	
			For Gate With Double Barb Wire Arm, Add	104.01	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0531	EA	8' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	931.62	69.20
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-135.74	
		For 1" Mesh Fabric, Add	314.91	
		For 1-1/4" Mesh Fabric, Add	202.70	
		For 1-3/4" Mesh Fabric, Add	125.96	
		For 2-1/8" Mesh Fabric, Deduct	-62.98	
		For Gate With Single Barb Wire Arm, Add	79.63	
		For Gate With Double Barb Wire Arm, Add	115.83	
32 31 13 13-0532	EA	9' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	1,034.76	78.92
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-149.59	
		For 1" Mesh Fabric, Add	347.04	
		For 1-1/4" Mesh Fabric, Add	223.38	
		For 1-3/4" Mesh Fabric, Add	138.82	
		For 2-1/8" Mesh Fabric, Deduct	-69.41	
		For Gate With Single Barb Wire Arm, Add	87.76	
		For Gate With Double Barb Wire Arm, Add	127.65	
32 31 13 13-0533	EA	10' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	1,130.51	88.64
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-162.05	
		For 1" Mesh Fabric, Add	375.96	
		For 1-1/4" Mesh Fabric, Add	242.00	
		For 1-3/4" Mesh Fabric, Add	150.38	
		For 2-1/8" Mesh Fabric, Deduct	-75.19	
		For Gate With Single Barb Wire Arm, Add	95.07	
		For Gate With Double Barb Wire Arm, Add	138.28	
32 31 13 13-0534	EA	10' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,615.86	106.60
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-243.00	
		For 1" Mesh Fabric, Add	563.75	
		For 1-1/4" Mesh Fabric, Add	362.87	
		For 1-3/4" Mesh Fabric, Add	225.50	
		For 2-1/8" Mesh Fabric, Deduct	-112.75	
		For Gate With Single Barb Wire Arm, Add	142.56	
		For Gate With Double Barb Wire Arm, Add	207.36	
32 31 13 13-0535	EA	12' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,941.77	114.76
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-299.51	
		For 1" Mesh Fabric, Add	694.85	
		For 1-1/4" Mesh Fabric, Add	447.26	
		For 1-3/4" Mesh Fabric, Add	277.94	
		For 2-1/8" Mesh Fabric, Deduct	-138.97	
		For Gate With Single Barb Wire Arm, Add	175.71	
		For Gate With Double Barb Wire Arm, Add	255.58	
32 31 13 13-0536	EA	14' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,238.39	124.28
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-349.70	
		For 1" Mesh Fabric, Add	811.31	
		For 1-1/4" Mesh Fabric, Add	522.22	
		For 1-3/4" Mesh Fabric, Add	324.52	
		For 2-1/8" Mesh Fabric, Deduct	-162.26	
		For Gate With Single Barb Wire Arm, Add	205.16	
		For Gate With Double Barb Wire Arm, Add	298.41	
32 31 13 13-0537	EA	16' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,538.16	135.51
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-399.56	
		For 1" Mesh Fabric, Add	926.99	
		For 1-1/4" Mesh Fabric, Add	596.68	
		For 1-3/4" Mesh Fabric, Add	370.79	
		For 2-1/8" Mesh Fabric, Deduct	-185.40	
		For Gate With Single Barb Wire Arm, Add	234.41	
		For Gate With Double Barb Wire Arm, Add	340.96	
32 31 13 13-0538	EA	18' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,841.37	149.23
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-448.76	
		For 1" Mesh Fabric, Add	1,041.12	
		For 1-1/4" Mesh Fabric, Add	670.15	
		For 1-3/4" Mesh Fabric, Add	416.45	
		For 2-1/8" Mesh Fabric, Deduct	-208.22	
		For Gate With Single Barb Wire Arm, Add	263.27	
		For Gate With Double Barb Wire Arm, Add	382.94	
32 31 13 13-0539	EA	20' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	3,156.66	165.67
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-498.62	
		For 1" Mesh Fabric, Add	1,156.80	
		For 1-1/4" Mesh Fabric, Add	744.61	
		For 1-3/4" Mesh Fabric, Add	462.72	
		For 2-1/8" Mesh Fabric, Deduct	-231.36	
		For Gate With Single Barb Wire Arm, Add	292.53	
		For Gate With Double Barb Wire Arm, Add	425.49	
32 31 13 13-0540	EA	22' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	3,485.22	186.42
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-548.48	
		For 1" Mesh Fabric, Add	1,272.48	
		For 1-1/4" Mesh Fabric, Add	819.07	
		For 1-3/4" Mesh Fabric, Add	508.99	
		For 2-1/8" Mesh Fabric, Deduct	-254.50	
		For Gate With Single Barb Wire Arm, Add	321.78	
		For Gate With Double Barb Wire Arm, Add	468.04	
32 31 13 13-0541	EA	24' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	3,830.74	212.96
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-598.35	
		For 1" Mesh Fabric, Add	1,388.16	
		For 1-1/4" Mesh Fabric, Add	893.53	
		For 1-3/4" Mesh Fabric, Add	555.27	
		For 2-1/8" Mesh Fabric, Deduct	-277.63	
		For Gate With Single Barb Wire Arm, Add	351.03	
		For Gate With Double Barb Wire Arm, Add	510.59	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0542	EA		26' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	4,212.61 -649.87 1,507.70 970.47 603.08 -301.54 381.26 554.56	248.68
32 31 13 13-0543	EA		28' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	4,627.07 -699.73 1,623.38 1,044.93 649.35 -324.68 410.51 597.11	298.12
32 31 13 13-0544	EA		30' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	5,117.79 -749.60 1,739.06 1,119.40 695.62 -347.81 439.76 639.65	372.96
32 31 13 13-0545			Chain Link Galvanized Steel Sliding Gate <small>(32 31 13 13-0262)</small> Note: Includes posts (3" diameter posts for up to 15' wide gate and 4" diameter over 15' wide), caps, upper and lower rails, track brackets, roller gate wheel carrier, track rollers, 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes truss rod, latches, track rollers with brackets, pipe track clamps and two wheel carriers. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating. See CSI section 32 31 13 13-0629 for additional gate accessories, 32 31 13 13-0697 for gate replacement parts.		
32 31 13 13-0546			4' High Chain Link Galvanized Steel Sliding Gate <small>(32 31 13 13-0545)</small>		
32 31 13 13-0547	EA		10' Long x 4' High Chain Link Galvanized Steel Sliding Gate <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	3,005.21 987.01 635.32 394.80 -197.40 249.59 680.70	368.08
32 31 13 13-0548	EA		12' Long x 4' High Chain Link Galvanized Steel Sliding Gate <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	3,611.47 1,184.41 762.38 473.77 -236.88 299.51 816.84	444.39
32 31 13 13-0549	EA		14' Long x 4' High Chain Link Galvanized Steel Sliding Gate <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	4,213.59 1,381.82 889.45 552.73 -276.36 349.43 952.98	518.44
32 31 13 13-0550	EA		16' Long x 4' High Chain Link Galvanized Steel Sliding Gate <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	4,822.14 1,579.22 1,016.51 631.69 -315.84 399.34 1,089.12	595.89
32 31 13 13-0551	EA		18' Long x 4' High Chain Link Galvanized Steel Sliding Gate <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	5,424.96 1,776.63 1,143.58 710.65 -355.33 449.26 1,225.26	670.39
32 31 13 13-0552	EA		20' Long x 4' High Chain Link Galvanized Steel Sliding Gate <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	6,014.02 1,974.03 1,270.64 789.61 -394.81 499.18 1,361.40	737.97
32 31 13 13-0553	EA		24' Long x 4' High Chain Link Galvanized Steel Sliding Gate <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	7,182.98 2,351.45 1,513.58 940.58 -470.29 594.62 1,621.69	888.68
32 31 13 13-0554	EA		30' Long x 4' High Chain Link Galvanized Steel Sliding Gate <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	10,161.87 2,961.04 1,905.96 1,184.42 -592.21 748.77 2,042.10	1,677.45

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 31 13 13-0555	EA	40' Long x 4' High Chain Link Galvanized Steel Sliding Gate	13,549.15	2,236.60
		<i>For 1" Mesh Fabric, Add</i>	3,948.05	
		<i>For 1-1/4" Mesh Fabric, Add</i>	2,541.27	
		<i>For 1-3/4" Mesh Fabric, Add</i>	1,579.22	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-789.61	
		<i>For Gate With Barb Wire Arm, Add</i>	998.36	
		<i>For Vinyl Coated, Add</i>	2,722.79	
32 31 13 13-0556		5' High Chain Link Galvanized Steel Sliding Gate (32 31 13 13-0545)		
32 31 13 13-0557	EA	10' Long x 5' High Chain Link Galvanized Steel Sliding Gate	3,136.92	400.63
		<i>For 1" Mesh Fabric, Add</i>	1,016.02	
		<i>For 1-1/4" Mesh Fabric, Add</i>	653.99	
		<i>For 1-3/4" Mesh Fabric, Add</i>	406.41	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-203.20	
		<i>For Gate With Barb Wire Arm, Add</i>	256.92	
		<i>For Vinyl Coated, Add</i>	700.70	
32 31 13 13-0558	EA	12' Long x 5' High Chain Link Galvanized Steel Sliding Gate	3,763.19	480.22
		<i>For 1" Mesh Fabric, Add</i>	1,219.23	
		<i>For 1-1/4" Mesh Fabric, Add</i>	784.79	
		<i>For 1-3/4" Mesh Fabric, Add</i>	487.69	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-243.85	
		<i>For Gate With Barb Wire Arm, Add</i>	308.31	
		<i>For Vinyl Coated, Add</i>	840.85	
32 31 13 13-0559	EA	14' Long x 5' High Chain Link Galvanized Steel Sliding Gate	4,390.18	560.17
		<i>For 1" Mesh Fabric, Add</i>	1,422.43	
		<i>For 1-1/4" Mesh Fabric, Add</i>	915.59	
		<i>For 1-3/4" Mesh Fabric, Add</i>	568.97	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-284.49	
		<i>For Gate With Barb Wire Arm, Add</i>	359.70	
		<i>For Vinyl Coated, Add</i>	980.99	
32 31 13 13-0560	EA	16' Long x 5' High Chain Link Galvanized Steel Sliding Gate	5,017.68	640.35
		<i>For 1" Mesh Fabric, Add</i>	1,625.64	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,046.39	
		<i>For 1-3/4" Mesh Fabric, Add</i>	650.26	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-325.13	
		<i>For Gate With Barb Wire Arm, Add</i>	411.08	
		<i>For Vinyl Coated, Add</i>	1,121.13	
32 31 13 13-0561	EA	18' Long x 5' High Chain Link Galvanized Steel Sliding Gate	5,644.61	720.17
		<i>For 1" Mesh Fabric, Add</i>	1,828.84	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,177.18	
		<i>For 1-3/4" Mesh Fabric, Add</i>	731.53	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-365.77	
		<i>For Gate With Barb Wire Arm, Add</i>	462.46	
		<i>For Vinyl Coated, Add</i>	1,261.27	
32 31 13 13-0562	EA	20' Long x 5' High Chain Link Galvanized Steel Sliding Gate	6,271.85	800.23
		<i>For 1" Mesh Fabric, Add</i>	2,032.04	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,307.98	
		<i>For 1-3/4" Mesh Fabric, Add</i>	812.82	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-406.41	
		<i>For Gate With Barb Wire Arm, Add</i>	513.85	
		<i>For Vinyl Coated, Add</i>	1,401.41	
32 31 13 13-0563	EA	24' Long x 5' High Chain Link Galvanized Steel Sliding Gate	7,487.27	961.36
		<i>For 1" Mesh Fabric, Add</i>	2,420.56	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,558.06	
		<i>For 1-3/4" Mesh Fabric, Add</i>	968.22	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-484.11	
		<i>For Gate With Barb Wire Arm, Add</i>	612.10	
		<i>For Vinyl Coated, Add</i>	1,669.35	
32 31 13 13-0564	EA	30' Long x 5' High Chain Link Galvanized Steel Sliding Gate	9,408.20	1,200.62
		<i>For 1" Mesh Fabric, Add</i>	3,048.06	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,961.97	
		<i>For 1-3/4" Mesh Fabric, Add</i>	1,219.22	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-609.61	
		<i>For Gate With Barb Wire Arm, Add</i>	770.77	
		<i>For Vinyl Coated, Add</i>	2,102.11	
32 31 13 13-0565	EA	40' Long x 5' High Chain Link Galvanized Steel Sliding Gate	12,543.71	1,600.46
		<i>For 1" Mesh Fabric, Add</i>	4,064.08	
		<i>For 1-1/4" Mesh Fabric, Add</i>	2,615.96	
		<i>For 1-3/4" Mesh Fabric, Add</i>	1,625.63	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-812.82	
		<i>For Gate With Barb Wire Arm, Add</i>	1,027.70	
		<i>For Vinyl Coated, Add</i>	2,802.82	
32 31 13 13-0566		6' High Chain Link Galvanized Steel Sliding Gate (32 31 13 13-0545)		
32 31 13 13-0567	EA	10' Long x 6' High Chain Link Galvanized Steel Sliding Gate	3,321.64	469.69
		<i>For 1" Mesh Fabric, Add</i>	1,036.33	
		<i>For 1-1/4" Mesh Fabric, Add</i>	667.06	
		<i>For 1-3/4" Mesh Fabric, Add</i>	414.53	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-207.27	
		<i>For Gate With Barb Wire Arm, Add</i>	262.06	
		<i>For Vinyl Coated, Add</i>	714.71	
32 31 13 13-0568	EA	12' Long x 6' High Chain Link Galvanized Steel Sliding Gate	3,982.67	561.87
		<i>For 1" Mesh Fabric, Add</i>	1,243.59	
		<i>For 1-1/4" Mesh Fabric, Add</i>	800.47	
		<i>For 1-3/4" Mesh Fabric, Add</i>	497.44	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-248.72	
		<i>For Gate With Barb Wire Arm, Add</i>	314.47	
		<i>For Vinyl Coated, Add</i>	857.65	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0569	EA		14' Long x 6' High Chain Link Galvanized Steel Sliding Gate	4,646.23	655.42
			For 1" Mesh Fabric, Add	1,450.86	
			For 1-1/4" Mesh Fabric, Add	933.89	
			For 1-3/4" Mesh Fabric, Add	580.34	
			For 2-1/8" Mesh Fabric, Deduct	-290.17	
			For Gate With Barb Wire Arm, Add	366.88	
			For Vinyl Coated, Add	1,000.59	
32 31 13 13-0570	EA		16' Long x 6' High Chain Link Galvanized Steel Sliding Gate	5,310.23	749.20
			For 1" Mesh Fabric, Add	1,658.12	
			For 1-1/4" Mesh Fabric, Add	1,067.30	
			For 1-3/4" Mesh Fabric, Add	663.25	
			For 2-1/8" Mesh Fabric, Deduct	-331.62	
			For Gate With Barb Wire Arm, Add	419.30	
			For Vinyl Coated, Add	1,143.53	
32 31 13 13-0571	EA		18' Long x 6' High Chain Link Galvanized Steel Sliding Gate	5,973.80	842.75
			For 1" Mesh Fabric, Add	1,865.39	
			For 1-1/4" Mesh Fabric, Add	1,200.71	
			For 1-3/4" Mesh Fabric, Add	746.16	
			For 2-1/8" Mesh Fabric, Deduct	-373.08	
			For Gate With Barb Wire Arm, Add	471.71	
			For Vinyl Coated, Add	1,286.48	
32 31 13 13-0572	EA		20' Long x 6' High Chain Link Galvanized Steel Sliding Gate	6,643.67	939.48
			For 1" Mesh Fabric, Add	2,072.65	
			For 1-1/4" Mesh Fabric, Add	1,334.12	
			For 1-3/4" Mesh Fabric, Add	829.06	
			For 2-1/8" Mesh Fabric, Deduct	-414.53	
			For Gate With Barb Wire Arm, Add	524.12	
			For Vinyl Coated, Add	1,429.42	
32 31 13 13-0573	EA		24' Long x 6' High Chain Link Galvanized Steel Sliding Gate	7,923.40	1,123.86
			For 1" Mesh Fabric, Add	2,468.94	
			For 1-1/4" Mesh Fabric, Add	1,589.20	
			For 1-3/4" Mesh Fabric, Add	987.58	
			For 2-1/8" Mesh Fabric, Deduct	-493.79	
			For Gate With Barb Wire Arm, Add	624.33	
			For Vinyl Coated, Add	1,702.72	
32 31 13 13-0574	EA		30' Long x 6' High Chain Link Galvanized Steel Sliding Gate	9,957.37	1,405.19
			For 1" Mesh Fabric, Add	3,108.98	
			For 1-1/4" Mesh Fabric, Add	2,001.19	
			For 1-3/4" Mesh Fabric, Add	1,243.59	
			For 2-1/8" Mesh Fabric, Deduct	-621.80	
			For Gate With Barb Wire Arm, Add	786.18	
			For Vinyl Coated, Add	2,144.13	
32 31 13 13-0575	EA		40' Long x 6' High Chain Link Galvanized Steel Sliding Gate	13,274.95	1,872.71
			For 1" Mesh Fabric, Add	4,145.31	
			For 1-1/4" Mesh Fabric, Add	2,668.25	
			For 1-3/4" Mesh Fabric, Add	1,658.12	
			For 2-1/8" Mesh Fabric, Deduct	-829.06	
			For Gate With Barb Wire Arm, Add	1,048.24	
			For Vinyl Coated, Add	2,858.84	
32 31 13 13-0576			7' High Chain Link Galvanized Steel Sliding Gate (32 31 13 13-0545)		
32 31 13 13-0577	EA		10' Long x 7' High Chain Link Galvanized Steel Sliding Gate	3,523.50	523.88
			For 1" Mesh Fabric, Add	1,076.94	
			For 1-1/4" Mesh Fabric, Add	693.20	
			For 1-3/4" Mesh Fabric, Add	430.78	
			For 2-1/8" Mesh Fabric, Deduct	-215.39	
			For Gate With Barb Wire Arm, Add	272.33	
			For Vinyl Coated, Add	742.72	
32 31 13 13-0578	EA		12' Long x 7' High Chain Link Galvanized Steel Sliding Gate	4,227.41	628.21
			For 1" Mesh Fabric, Add	1,292.36	
			For 1-1/4" Mesh Fabric, Add	831.87	
			For 1-3/4" Mesh Fabric, Add	516.95	
			For 2-1/8" Mesh Fabric, Deduct	-258.47	
			For Gate With Barb Wire Arm, Add	326.80	
			For Vinyl Coated, Add	891.29	
32 31 13 13-0579	EA		14' Long x 7' High Chain Link Galvanized Steel Sliding Gate	4,932.95	733.44
			For 1" Mesh Fabric, Add	1,507.71	
			For 1-1/4" Mesh Fabric, Add	970.48	
			For 1-3/4" Mesh Fabric, Add	603.08	
			For 2-1/8" Mesh Fabric, Deduct	-301.54	
			For Gate With Barb Wire Arm, Add	381.26	
			For Vinyl Coated, Add	1,039.80	
32 31 13 13-0580	EA		16' Long x 7' High Chain Link Galvanized Steel Sliding Gate	5,636.74	837.76
			For 1" Mesh Fabric, Add	1,723.10	
			For 1-1/4" Mesh Fabric, Add	1,109.12	
			For 1-3/4" Mesh Fabric, Add	689.24	
			For 2-1/8" Mesh Fabric, Deduct	-344.62	
			For Gate With Barb Wire Arm, Add	435.73	
			For Vinyl Coated, Add	1,188.35	
32 31 13 13-0581	EA		18' Long x 7' High Chain Link Galvanized Steel Sliding Gate	6,341.51	942.65
			For 1" Mesh Fabric, Add	1,938.49	
			For 1-1/4" Mesh Fabric, Add	1,247.76	
			For 1-3/4" Mesh Fabric, Add	775.40	
			For 2-1/8" Mesh Fabric, Deduct	-387.70	
			For Gate With Barb Wire Arm, Add	490.19	
			For Vinyl Coated, Add	1,336.89	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
32 31 13 13-0582	EA 20' Long x 7' High Chain Link Galvanized Steel Sliding Gate	7,045.55	1,047.09
	For 1" Mesh Fabric, Add	2,153.89	
	For 1-1/4" Mesh Fabric, Add	1,386.41	
	For 1-3/4" Mesh Fabric, Add	861.55	
	For 2-1/8" Mesh Fabric, Deduct	-430.78	
	For Gate With Barb Wire Arm, Add	544.66	
	For Vinyl Coated, Add	1,485.44	
32 31 13 13-0583	EA 24' Long x 7' High Chain Link Galvanized Steel Sliding Gate	8,411.06	1,256.42
	For 1" Mesh Fabric, Add	2,565.70	
	For 1-1/4" Mesh Fabric, Add	1,651.48	
	For 1-3/4" Mesh Fabric, Add	1,026.28	
	For 2-1/8" Mesh Fabric, Deduct	-513.14	
	For Gate With Barb Wire Arm, Add	648.80	
	For Vinyl Coated, Add	1,769.45	
32 31 13 13-0584	EA 30' Long x 7' High Chain Link Galvanized Steel Sliding Gate	10,568.29	1,570.52
	For 1" Mesh Fabric, Add	3,230.81	
	For 1-1/4" Mesh Fabric, Add	2,079.60	
	For 1-3/4" Mesh Fabric, Add	1,292.33	
	For 2-1/8" Mesh Fabric, Deduct	-646.16	
	For Gate With Barb Wire Arm, Add	816.99	
	For Vinyl Coated, Add	2,228.15	
32 31 13 13-0585	EA 40' Long x 7' High Chain Link Galvanized Steel Sliding Gate	14,091.07	2,094.07
	For 1" Mesh Fabric, Add	4,307.76	
	For 1-1/4" Mesh Fabric, Add	2,772.81	
	For 1-3/4" Mesh Fabric, Add	1,723.10	
	For 2-1/8" Mesh Fabric, Deduct	-861.55	
	For Gate With Barb Wire Arm, Add	1,089.32	
	For Vinyl Coated, Add	2,970.87	
32 31 13 13-0586	8' High Chain Link Galvanized Steel Sliding Gate (32 31 13 13-0545)		
32 31 13 13-0587	EA 10' Long x 8' High Chain Link Galvanized Steel Sliding Gate	3,684.18	567.54
	For 1" Mesh Fabric, Add	1,108.85	
	For 1-1/4" Mesh Fabric, Add	713.75	
	For 1-3/4" Mesh Fabric, Add	443.54	
	For 2-1/8" Mesh Fabric, Deduct	-221.77	
	For Gate With Barb Wire Arm, Add	280.40	
	For Vinyl Coated, Add	764.73	
32 31 13 13-0588	EA 12' Long x 8' High Chain Link Galvanized Steel Sliding Gate	4,417.74	679.46
	For 1" Mesh Fabric, Add	1,330.62	
	For 1-1/4" Mesh Fabric, Add	856.49	
	For 1-3/4" Mesh Fabric, Add	532.25	
	For 2-1/8" Mesh Fabric, Deduct	-266.12	
	For Gate With Barb Wire Arm, Add	336.48	
	For Vinyl Coated, Add	917.67	
32 31 13 13-0589	EA 14' Long x 8' High Chain Link Galvanized Steel Sliding Gate	5,154.09	792.74
	For 1" Mesh Fabric, Add	1,552.38	
	For 1-1/4" Mesh Fabric, Add	999.24	
	For 1-3/4" Mesh Fabric, Add	620.95	
	For 2-1/8" Mesh Fabric, Deduct	-310.48	
	For Gate With Barb Wire Arm, Add	392.56	
	For Vinyl Coated, Add	1,070.61	
32 31 13 13-0590	EA 16' Long x 8' High Chain Link Galvanized Steel Sliding Gate	5,890.67	906.03
	For 1" Mesh Fabric, Add	1,774.16	
	For 1-1/4" Mesh Fabric, Add	1,141.99	
	For 1-3/4" Mesh Fabric, Add	709.66	
	For 2-1/8" Mesh Fabric, Deduct	-354.83	
	For Gate With Barb Wire Arm, Add	448.64	
	For Vinyl Coated, Add	1,223.56	
32 31 13 13-0591	EA 18' Long x 8' High Chain Link Galvanized Steel Sliding Gate	6,625.97	1,018.85
	For 1" Mesh Fabric, Add	1,995.92	
	For 1-1/4" Mesh Fabric, Add	1,284.73	
	For 1-3/4" Mesh Fabric, Add	798.37	
	For 2-1/8" Mesh Fabric, Deduct	-399.18	
	For Gate With Barb Wire Arm, Add	504.72	
	For Vinyl Coated, Add	1,376.50	
32 31 13 13-0592	EA 20' Long x 8' High Chain Link Galvanized Steel Sliding Gate	7,362.65	1,132.24
	For 1" Mesh Fabric, Add	2,217.70	
	For 1-1/4" Mesh Fabric, Add	1,427.48	
	For 1-3/4" Mesh Fabric, Add	887.08	
	For 2-1/8" Mesh Fabric, Deduct	-443.54	
	For Gate With Barb Wire Arm, Add	560.80	
	For Vinyl Coated, Add	1,529.45	
32 31 13 13-0593	EA 24' Long x 8' High Chain Link Galvanized Steel Sliding Gate	8,790.59	1,358.81
	For 1" Mesh Fabric, Add	2,641.72	
	For 1-1/4" Mesh Fabric, Add	1,700.41	
	For 1-3/4" Mesh Fabric, Add	1,056.69	
	For 2-1/8" Mesh Fabric, Deduct	-528.34	
	For Gate With Barb Wire Arm, Add	668.02	
	For Vinyl Coated, Add	1,821.87	
32 31 13 13-0594	EA 30' Long x 8' High Chain Link Galvanized Steel Sliding Gate	11,044.84	1,698.77
	For 1" Mesh Fabric, Add	3,326.55	
	For 1-1/4" Mesh Fabric, Add	2,141.23	
	For 1-3/4" Mesh Fabric, Add	1,330.62	
	For 2-1/8" Mesh Fabric, Deduct	-665.31	
	For Gate With Barb Wire Arm, Add	841.20	
	For Vinyl Coated, Add	2,294.17	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0595	EA		40' Long x 8' High Chain Link Galvanized Steel Sliding Gate	14,723.04	2,263.36
			For 1" Mesh Fabric, Add	4,435.39	
			For 1-1/4" Mesh Fabric, Add	2,854.96	
			For 1-3/4" Mesh Fabric, Add	1,774.16	
			For 2-1/8" Mesh Fabric, Deduct	-887.08	
			For Gate With Barb Wire Arm, Add	1,121.59	
			For Vinyl Coated, Add	3,058.89	
32 31 13 13-0596			9' High Chain Link Galvanized Steel Sliding Gate (32 31 13 13-0545)		
32 31 13 13-0597	EA		10' Long x 9' High Chain Link Galvanized Steel Sliding Gate	3,874.03	619.14
			For 1" Mesh Fabric, Add	1,146.56	
			For 1-1/4" Mesh Fabric, Add	738.01	
			For 1-3/4" Mesh Fabric, Add	458.62	
			For 2-1/8" Mesh Fabric, Deduct	-229.31	
			For Gate With Barb Wire Arm, Add	289.93	
			For Vinyl Coated, Add	790.73	
32 31 13 13-0598	EA		12' Long x 9' High Chain Link Galvanized Steel Sliding Gate	4,644.23	740.70
			For 1" Mesh Fabric, Add	1,375.87	
			For 1-1/4" Mesh Fabric, Add	885.62	
			For 1-3/4" Mesh Fabric, Add	550.35	
			For 2-1/8" Mesh Fabric, Deduct	-275.17	
			For Gate With Barb Wire Arm, Add	347.92	
			For Vinyl Coated, Add	948.88	
32 31 13 13-0599	EA		14' Long x 9' High Chain Link Galvanized Steel Sliding Gate	5,418.01	863.96
			For 1" Mesh Fabric, Add	1,605.18	
			For 1-1/4" Mesh Fabric, Add	1,033.22	
			For 1-3/4" Mesh Fabric, Add	642.07	
			For 2-1/8" Mesh Fabric, Deduct	-321.04	
			For Gate With Barb Wire Arm, Add	405.91	
			For Vinyl Coated, Add	1,107.02	
32 31 13 13-0600	EA		16' Long x 9' High Chain Link Galvanized Steel Sliding Gate	6,192.74	987.78
			For 1" Mesh Fabric, Add	1,834.49	
			For 1-1/4" Mesh Fabric, Add	1,180.82	
			For 1-3/4" Mesh Fabric, Add	733.80	
			For 2-1/8" Mesh Fabric, Deduct	-366.90	
			For Gate With Barb Wire Arm, Add	463.89	
			For Vinyl Coated, Add	1,265.17	
32 31 13 13-0601	EA		18' Long x 9' High Chain Link Galvanized Steel Sliding Gate	6,966.72	1,111.16
			For 1" Mesh Fabric, Add	2,063.81	
			For 1-1/4" Mesh Fabric, Add	1,328.43	
			For 1-3/4" Mesh Fabric, Add	825.52	
			For 2-1/8" Mesh Fabric, Deduct	-412.76	
			For Gate With Barb Wire Arm, Add	521.88	
			For Vinyl Coated, Add	1,423.31	
32 31 13 13-0602	EA		20' Long x 9' High Chain Link Galvanized Steel Sliding Gate	7,740.67	1,234.53
			For 1" Mesh Fabric, Add	2,293.12	
			For 1-1/4" Mesh Fabric, Add	1,476.03	
			For 1-3/4" Mesh Fabric, Add	917.25	
			For 2-1/8" Mesh Fabric, Deduct	-458.62	
			For Gate With Barb Wire Arm, Add	579.87	
			For Vinyl Coated, Add	1,581.46	
32 31 13 13-0603	EA		24' Long x 9' High Chain Link Galvanized Steel Sliding Gate	9,242.07	1,481.28
			For 1" Mesh Fabric, Add	2,731.55	
			For 1-1/4" Mesh Fabric, Add	1,758.24	
			For 1-3/4" Mesh Fabric, Add	1,092.62	
			For 2-1/8" Mesh Fabric, Deduct	-546.31	
			For Gate With Barb Wire Arm, Add	690.74	
			For Vinyl Coated, Add	1,883.83	
32 31 13 13-0604	EA		30' Long x 9' High Chain Link Galvanized Steel Sliding Gate	11,609.99	1,851.40
			For 1" Mesh Fabric, Add	3,439.68	
			For 1-1/4" Mesh Fabric, Add	2,214.04	
			For 1-3/4" Mesh Fabric, Add	1,375.87	
			For 2-1/8" Mesh Fabric, Deduct	-687.94	
			For Gate With Barb Wire Arm, Add	869.80	
			For Vinyl Coated, Add	2,372.19	
32 31 13 13-0605	EA		40' Long x 9' High Chain Link Galvanized Steel Sliding Gate	15,484.04	2,470.54
			For 1" Mesh Fabric, Add	4,586.24	
			For 1-1/4" Mesh Fabric, Add	2,952.07	
			For 1-3/4" Mesh Fabric, Add	1,834.50	
			For 2-1/8" Mesh Fabric, Deduct	-917.25	
			For Gate With Barb Wire Arm, Add	1,159.74	
			For Vinyl Coated, Add	3,162.93	
32 31 13 13-0606			10' High Chain Link Galvanized Steel Sliding Gate (32 31 13 13-0545)		
32 31 13 13-0607	EA		10' Long x 10' High Chain Link Galvanized Steel Sliding Gate	4,111.24	681.05
			For 1" Mesh Fabric, Add	1,195.87	
			For 1-1/4" Mesh Fabric, Add	769.76	
			For 1-3/4" Mesh Fabric, Add	478.35	
			For 2-1/8" Mesh Fabric, Deduct	-239.17	
			For Gate With Barb Wire Arm, Add	302.40	
			For Vinyl Coated, Add	824.74	
32 31 13 13-0608	EA		12' Long x 10' High Chain Link Galvanized Steel Sliding Gate	4,933.48	817.23
			For 1" Mesh Fabric, Add	1,435.05	
			For 1-1/4" Mesh Fabric, Add	923.71	
			For 1-3/4" Mesh Fabric, Add	574.02	
			For 2-1/8" Mesh Fabric, Deduct	-287.01	
			For Gate With Barb Wire Arm, Add	362.89	
			For Vinyl Coated, Add	989.69	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0609	EA	14' Long x 10' High Chain Link Galvanized Steel Sliding Gate	5,756.19	953.65
		<i>For 1" Mesh Fabric, Add</i>	1,674.22	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,077.66	
		<i>For 1-3/4" Mesh Fabric, Add</i>	669.69	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-334.84	
		<i>For Gate With Barb Wire Arm, Add</i>	423.37	
		<i>For Vinyl Coated, Add</i>	1,154.64	
32 31 13 13-0610	EA	16' Long x 10' High Chain Link Galvanized Steel Sliding Gate	6,578.25	1,089.84
		<i>For 1" Mesh Fabric, Add</i>	1,913.40	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,231.62	
		<i>For 1-3/4" Mesh Fabric, Add</i>	765.36	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-382.68	
		<i>For Gate With Barb Wire Arm, Add</i>	483.85	
		<i>For Vinyl Coated, Add</i>	1,319.59	
32 31 13 13-0611	EA	18' Long x 10' High Chain Link Galvanized Steel Sliding Gate	7,400.22	1,225.91
		<i>For 1" Mesh Fabric, Add</i>	2,152.57	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,385.56	
		<i>For 1-3/4" Mesh Fabric, Add</i>	861.03	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-430.51	
		<i>For Gate With Barb Wire Arm, Add</i>	544.33	
		<i>For Vinyl Coated, Add</i>	1,484.53	
32 31 13 13-0612	EA	20' Long x 10' High Chain Link Galvanized Steel Sliding Gate	8,222.47	1,362.10
		<i>For 1" Mesh Fabric, Add</i>	2,391.75	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,539.52	
		<i>For 1-3/4" Mesh Fabric, Add</i>	956.70	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-478.35	
		<i>For Gate With Barb Wire Arm, Add</i>	604.81	
		<i>For Vinyl Coated, Add</i>	1,649.48	
32 31 13 13-0613	EA	24' Long x 10' High Chain Link Galvanized Steel Sliding Gate	9,819.75	1,635.16
		<i>For 1" Mesh Fabric, Add</i>	2,849.05	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,833.87	
		<i>For 1-3/4" Mesh Fabric, Add</i>	1,139.62	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-569.81	
		<i>For Gate With Barb Wire Arm, Add</i>	720.45	
		<i>For Vinyl Coated, Add</i>	1,964.86	
32 31 13 13-0614	EA	30' Long x 10' High Chain Link Galvanized Steel Sliding Gate	12,333.71	2,043.15
		<i>For 1" Mesh Fabric, Add</i>	3,587.62	
		<i>For 1-1/4" Mesh Fabric, Add</i>	2,309.27	
		<i>For 1-3/4" Mesh Fabric, Add</i>	1,435.05	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-717.52	
		<i>For Gate With Barb Wire Arm, Add</i>	907.21	
		<i>For Vinyl Coated, Add</i>	2,474.22	
32 31 13 13-0615	EA	40' Long x 10' High Chain Link Galvanized Steel Sliding Gate	16,441.69	2,722.61
		<i>For 1" Mesh Fabric, Add</i>	4,783.50	
		<i>For 1-1/4" Mesh Fabric, Add</i>	3,079.03	
		<i>For 1-3/4" Mesh Fabric, Add</i>	1,913.40	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-956.70	
		<i>For Gate With Barb Wire Arm, Add</i>	1,209.62	
		<i>For Vinyl Coated, Add</i>	3,298.97	
32 31 13 13-0616		Sliding Cantilever Gate, Single Track, Manually Operated Exposed Roller ⁽³²⁾		
		^{31 13 13-0202)} Note: Includes posts (3" diameter posts for up to 15' wide gate and 4" diameter over 15' wide), caps, upper rail, track brackets, roller gate wheel carrier, metal track rollers for rail, 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes truss rod, latches, single track, track rollers with brackets, pipe track clamps and two wheel carriers. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating. Width listed on tasks is opening width of gate. See CSI section 32 31 11 00-0020 for gate operators.		
32 31 13 13-0617	EA	5' High x 10' Wide Galvanized Cantilever Sliding Gate	5,616.20	453.58
		<i>For 1" Mesh Fabric, Add</i>	2,048.43	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,318.53	
		<i>For 1-3/4" Mesh Fabric, Add</i>	819.37	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-409.69	
		<i>For Gate With Single Barb Wire Arm, Add</i>	517.99	
		<i>For Gate With Double Barb Wire Arm, Add</i>	753.45	
		<i>For Aluminized Steel Gate And Post, Add</i>	2,260.34	
		<i>For Powder Coated Gate And Post, Add</i>	988.90	
		<i>For Vinyl Coated, Add</i>	1,412.71	
32 31 13 13-0618	EA	5' High x 12' Wide Galvanized Cantilever Sliding Gate	6,163.55	566.98
		<i>For 1" Mesh Fabric, Add</i>	2,187.88	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,408.29	
		<i>For 1-3/4" Mesh Fabric, Add</i>	875.15	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-437.58	
		<i>For Gate With Single Barb Wire Arm, Add</i>	553.26	
		<i>For Gate With Double Barb Wire Arm, Add</i>	804.74	
		<i>For Aluminized Steel Gate And Post, Add</i>	2,414.21	
		<i>For Powder Coated Gate And Post, Add</i>	1,056.22	
		<i>For Vinyl Coated, Add</i>	1,508.88	
32 31 13 13-0619	EA	5' High x 15' Wide Galvanized Cantilever Sliding Gate	6,715.31	680.37
		<i>For 1" Mesh Fabric, Add</i>	2,329.24	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,499.28	
		<i>For 1-3/4" Mesh Fabric, Add</i>	931.70	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-465.85	
		<i>For Gate With Single Barb Wire Arm, Add</i>	589.00	
		<i>For Gate With Double Barb Wire Arm, Add</i>	856.73	
		<i>For Aluminized Steel Gate And Post, Add</i>	2,570.19	
		<i>For Powder Coated Gate And Post, Add</i>	1,124.46	
		<i>For Vinyl Coated, Add</i>	1,606.37	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13	13-0620	EA 5' High x 20' Wide Galvanized Cantilever Sliding Gate.....	7,882.83	907.16
			For 1" Mesh Fabric, Add	2,639.80	
			For 1-1/4" Mesh Fabric, Add	1,699.18	
			For 1-3/4" Mesh Fabric, Add	1,055.92	
			For 2-1/8" Mesh Fabric, Deduct	-527.96	
			For Gate With Single Barb Wire Arm, Add	667.54	
			For Gate With Double Barb Wire Arm, Add	970.96	
			For Aluminized Steel Gate And Post, Add	2,912.88	
			For Powder Coated Gate And Post, Add	1,274.39	
			For Vinyl Coated, Add	1,820.55	
32 31	13	13-0621	EA 6' High x 15' Wide Galvanized Cantilever Sliding Gate.....	7,328.89	907.16
			For 1" Mesh Fabric, Add	2,398.84	
			For 1-1/4" Mesh Fabric, Add	1,544.08	
			For 1-3/4" Mesh Fabric, Add	959.54	
			For 2-1/8" Mesh Fabric, Deduct	-479.77	
			For Gate With Single Barb Wire Arm, Add	606.60	
			For Gate With Double Barb Wire Arm, Add	882.33	
			For Aluminized Steel Gate And Post, Add	2,646.99	
			For Powder Coated Gate And Post, Add	1,158.06	
			For Vinyl Coated, Add	1,654.37	
32 31	13	13-0622	EA 6' High x 20' Wide Galvanized Cantilever Sliding Gate.....	8,591.80	1,190.64
			For 1" Mesh Fabric, Add	2,701.57	
			For 1-1/4" Mesh Fabric, Add	1,738.94	
			For 1-3/4" Mesh Fabric, Add	1,080.63	
			For 2-1/8" Mesh Fabric, Deduct	-540.31	
			For Gate With Single Barb Wire Arm, Add	683.16	
			For Gate With Double Barb Wire Arm, Add	993.68	
			For Aluminized Steel Gate And Post, Add	2,981.04	
			For Powder Coated Gate And Post, Add	1,304.21	
			For Vinyl Coated, Add	1,863.15	
32 31	13	13-0623	EA 6' High x 25' Wide Galvanized Cantilever Sliding Gate.....	11,389.24	1,474.14
			For 1" Mesh Fabric, Add	3,671.82	
			For 1-1/4" Mesh Fabric, Add	2,363.47	
			For 1-3/4" Mesh Fabric, Add	1,468.73	
			For 2-1/8" Mesh Fabric, Deduct	-734.36	
			For Gate With Single Barb Wire Arm, Add	928.51	
			For Gate With Double Barb Wire Arm, Add	1,350.56	
			For Aluminized Steel Gate And Post, Add	4,051.67	
			For Powder Coated Gate And Post, Add	1,772.60	
			For Vinyl Coated, Add	2,532.29	
32 31	13	13-0624	EA 6' High x 30' Wide Galvanized Cantilever Sliding Gate.....	12,830.90	1,757.62
			For 1" Mesh Fabric, Add	4,052.31	
			For 1-1/4" Mesh Fabric, Add	2,608.38	
			For 1-3/4" Mesh Fabric, Add	1,620.92	
			For 2-1/8" Mesh Fabric, Deduct	-810.46	
			For Gate With Single Barb Wire Arm, Add	1,024.72	
			For Gate With Double Barb Wire Arm, Add	1,490.51	
			For Aluminized Steel Gate And Post, Add	4,471.52	
			For Powder Coated Gate And Post, Add	1,956.29	
			For Vinyl Coated, Add	2,794.70	
32 31	13	13-0625	EA 8' High x 15' Wide Galvanized Cantilever Sliding Gate.....	8,577.16	1,133.95
			For 1" Mesh Fabric, Add	2,744.53	
			For 1-1/4" Mesh Fabric, Add	1,766.60	
			For 1-3/4" Mesh Fabric, Add	1,097.81	
			For 2-1/8" Mesh Fabric, Deduct	-548.91	
			For Gate With Single Barb Wire Arm, Add	694.02	
			For Gate With Double Barb Wire Arm, Add	1,009.48	
			For Aluminized Steel Gate And Post, Add	3,028.45	
			For Powder Coated Gate And Post, Add	1,324.95	
			For Vinyl Coated, Add	1,892.78	
32 31	13	13-0626	EA 8' High x 20' Wide Galvanized Cantilever Sliding Gate.....	10,165.97	1,530.83
			For 1" Mesh Fabric, Add	3,090.37	
			For 1-1/4" Mesh Fabric, Add	1,989.21	
			For 1-3/4" Mesh Fabric, Add	1,236.15	
			For 2-1/8" Mesh Fabric, Deduct	-618.07	
			For Gate With Single Barb Wire Arm, Add	781.47	
			For Gate With Double Barb Wire Arm, Add	1,136.69	
			For Aluminized Steel Gate And Post, Add	3,410.07	
			For Powder Coated Gate And Post, Add	1,491.91	
			For Vinyl Coated, Add	2,131.29	
32 31	13	13-0627	EA 8' High x 25' Wide Galvanized Cantilever Sliding Gate.....	13,511.15	1,927.72
			For 1" Mesh Fabric, Add	4,200.24	
			For 1-1/4" Mesh Fabric, Add	2,703.60	
			For 1-3/4" Mesh Fabric, Add	1,680.10	
			For 2-1/8" Mesh Fabric, Deduct	-840.05	
			For Gate With Single Barb Wire Arm, Add	1,062.13	
			For Gate With Double Barb Wire Arm, Add	1,544.92	
			For Aluminized Steel Gate And Post, Add	4,634.75	
			For Powder Coated Gate And Post, Add	2,027.70	
			For Vinyl Coated, Add	2,896.72	
32 31	13	13-0628	EA 8' High x 30' Wide Galvanized Cantilever Sliding Gate.....	15,190.87	2,267.89
			For 1" Mesh Fabric, Add	4,634.96	
			For 1-1/4" Mesh Fabric, Add	2,983.42	
			For 1-3/4" Mesh Fabric, Add	1,853.98	
			For 2-1/8" Mesh Fabric, Deduct	-926.99	
			For Gate With Single Barb Wire Arm, Add	1,172.06	
			For Gate With Double Barb Wire Arm, Add	1,704.81	
			For Aluminized Steel Gate And Post, Add	5,114.43	
			For Powder Coated Gate And Post, Add	2,237.56	
			For Vinyl Coated, Add	3,196.52	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0629		Gate Accessories <small>(32 31 13 13-0629)</small>		
32 31 13	13-0630	EA	Gate Center Stop, Cast Steel, Ground	46.09	
32 31 13	13-0631	EA	Gate Latch, Malleable Galvanized Steel	51.49	
32 31 13	13-0632	EA	Gate Keeper, Full Length, Galvanized Steel	240.49	
32 31 13	13-0633	EA	Gate Keeper Hold-Open For Cantilever Gate	101.63	17.94
32 31 13	13-0634	EA	Heavy Duty Gate Latch, Malleable Galvanized Steel	56.92	
32 31 13	13-0635	EA	Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For 3' To 5' High Gate	823.25	
32 31 13	13-0636	EA	Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For >5' To 8' High Gate	883.18	
32 31 13	13-0637	EA	Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For >8' To 12' High Gate	943.12	
32 31 13	13-0638	LF	Aluminum V-Groove Gate Track	57.89	10.01
32 31 13	13-0639	LF	Galvanized Steel V-Groove Gate Track	43.20	10.01
32 31 13	13-0640		Accessories <small>(32 31 13 13)</small>		
32 31 13	13-0641		Barbed And Concertina Wire <small>(32 31 13 13-0640)</small>		
32 31 13	13-0642		Single Strand Barbed Wire <small>(32 31 13 13-0641)</small>		
32 31 13	13-0643	LF	Galvanized Barbed Wire, Per Strand	1.02	0.47
			Note: Includes clips. 4 points 12-1/2 Gauge, Class I.		
			For >500 To 2,000, Deduct	-0.10	
			For >2,000, Deduct	-0.15	
32 31 13	13-0644	LF	Vinyl Coated Barbed Wire (Fused), Per Strand	1.16	0.47
			Note: Includes clips.		
			For >500 To 2,000, Deduct	-0.11	
			For >2,000, Deduct	-0.16	
32 31 13	13-0645	EA	Barbed Wire Extension Arms 3 Strands (Single Arm)	11.32	7.56
32 31 13	13-0646	EA	Barbed Wire Extension Arms 6 Strands (Double Arm)	18.31	9.06
32 31 13	13-0647	EA	Barbed Wire Eye Tops (For Single Strand)	11.61	7.56
32 31 13	13-0648		Galvanized Steel Concertina (Razor) Wire, Single Coil <small>(32 31 13 13-0641)</small>		
32 31 13	13-0649	LF	18" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	5.09	0.66
			For >500 To 1,500, Deduct	-0.43	
			For >1,500 To 5,000, Deduct	-0.86	
			For >5,000, Deduct	-1.21	
			For Ground Installation, Deduct	-0.47	
			For Double Coil (Helix), Add	4.15	
32 31 13	13-0650	LF	18" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	7.68	0.66
			For >500 To 1,500, Deduct	-0.65	
			For >1,500 To 5,000, Deduct	-1.29	
			For >5,000, Deduct	-1.82	
			For Ground Installation, Deduct	-0.71	
			For Double Coil (Helix), Add	6.27	
32 31 13	13-0651	LF	18" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	10.17	0.66
			For >500 To 1,500, Deduct	-0.86	
			For >1,500 To 5,000, Deduct	-1.71	
			For >5,000, Deduct	-2.41	
			For Ground Installation, Deduct	-0.94	
			For Double Coil (Helix), Add	8.29	
32 31 13	13-0652	LF	24" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	8.91	0.66
			For >500 To 1,500, Deduct	-0.72	
			For >1,500 To 5,000, Deduct	-1.44	
			For >5,000, Deduct	-1.99	
			For Ground Installation, Deduct	-0.52	
			For Double Coil (Helix), Add	7.87	
32 31 13	13-0653	LF	24" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	13.48	0.66
			For >500 To 1,500, Deduct	-1.09	
			For >1,500 To 5,000, Deduct	-2.18	
			For >5,000, Deduct	-3.01	
			For Ground Installation, Deduct	-0.79	
			For Double Coil (Helix), Add	11.91	
32 31 13	13-0654	LF	24" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	17.80	0.66
			For >500 To 1,500, Deduct	-1.44	
			For >1,500 To 5,000, Deduct	-2.88	
			For >5,000, Deduct	-3.98	
			For Ground Installation, Deduct	-1.04	
			For Double Coil (Helix), Add	15.72	
32 31 13	13-0655	LF	30" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	29.12	0.66
			For >500 To 1,500, Deduct	-2.24	
			For >1,500 To 5,000, Deduct	-4.49	
			For >5,000, Deduct	-6.06	
			For Ground Installation, Deduct	-0.59	
			For Double Coil (Helix), Add	27.94	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0656	LF		30" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	44.07	0.66
			<i>For >500 To 1,500, Deduct</i>	-3.39	
			<i>For >1,500 To 5,000, Deduct</i>	-6.79	
			<i>For >5,000, Deduct</i>	-9.17	
			<i>For Ground Installation, Deduct</i>	-0.89	
			<i>For Double Coil (Helix), Add</i>	42.30	
32 31 13 13-0657	LF		30" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence.....	58.23	0.66
			<i>For >500 To 1,500, Deduct</i>	-4.49	
			<i>For >1,500 To 5,000, Deduct</i>	-8.97	
			<i>For >5,000, Deduct</i>	-12.12	
			<i>For Ground Installation, Deduct</i>	-1.18	
			<i>For Double Coil (Helix), Add</i>	55.87	
32 31 13 13-0658			Stainless Steel Concertina (Razor) Wire, Single Coil <small>(32 31 13 13-0641)</small>		
32 31 13 13-0659	LF		18" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	9.68	0.66
			<i>For >500 To 1,500, Deduct</i>	-0.77	
			<i>For >1,500 To 5,000, Deduct</i>	-1.55	
			<i>For >5,000, Deduct</i>	-2.13	
			<i>For Ground Installation, Deduct</i>	-0.47	
			<i>For Double Coil (Helix), Add</i>	8.74	
32 31 13 13-0660	LF		18" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	14.64	0.66
			<i>For >500 To 1,500, Deduct</i>	-1.17	
			<i>For >1,500 To 5,000, Deduct</i>	-2.34	
			<i>For >5,000, Deduct</i>	-3.21	
			<i>For Ground Installation, Deduct</i>	-0.71	
			<i>For Double Coil (Helix), Add</i>	13.23	
32 31 13 13-0661	LF		18" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence.....	19.36	0.66
			<i>For >500 To 1,500, Deduct</i>	-1.55	
			<i>For >1,500 To 5,000, Deduct</i>	-3.09	
			<i>For >5,000, Deduct</i>	-4.25	
			<i>For Ground Installation, Deduct</i>	-0.94	
			<i>For Double Coil (Helix), Add</i>	17.48	
32 31 13 13-0662	LF		24" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	12.81	0.66
			<i>For >500 To 1,500, Deduct</i>	-1.01	
			<i>For >1,500 To 5,000, Deduct</i>	-2.03	
			<i>For >5,000, Deduct</i>	-2.77	
			<i>For Ground Installation, Deduct</i>	-0.52	
			<i>For Double Coil (Helix), Add</i>	11.77	
32 31 13 13-0663	LF		24" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	19.39	0.66
			<i>For >500 To 1,500, Deduct</i>	-1.53	
			<i>For >1,500 To 5,000, Deduct</i>	-3.07	
			<i>For >5,000, Deduct</i>	-4.19	
			<i>For Ground Installation, Deduct</i>	-0.79	
			<i>For Double Coil (Helix), Add</i>	17.82	
32 31 13 13-0664	LF		24" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence.....	25.59	0.66
			<i>For >500 To 1,500, Deduct</i>	-2.02	
			<i>For >1,500 To 5,000, Deduct</i>	-4.05	
			<i>For >5,000, Deduct</i>	-5.53	
			<i>For Ground Installation, Deduct</i>	-1.04	
			<i>For Double Coil (Helix), Add</i>	23.51	
32 31 13 13-0665	LF		30" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	43.86	0.66
			<i>For >500 To 1,500, Deduct</i>	-3.35	
			<i>For >1,500 To 5,000, Deduct</i>	-6.70	
			<i>For >5,000, Deduct</i>	-9.01	
			<i>For Ground Installation, Deduct</i>	-0.59	
			<i>For Double Coil (Helix), Add</i>	42.68	
32 31 13 13-0666	LF		30" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	66.42	0.66
			<i>For >500 To 1,500, Deduct</i>	-5.07	
			<i>For >1,500 To 5,000, Deduct</i>	-10.14	
			<i>For >5,000, Deduct</i>	-13.64	
			<i>For Ground Installation, Deduct</i>	-0.89	
			<i>For Double Coil (Helix), Add</i>	64.65	
32 31 13 13-0667	LF		30" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence.....	87.72	0.66
			<i>For >500 To 1,500, Deduct</i>	-6.70	
			<i>For >1,500 To 5,000, Deduct</i>	-13.39	
			<i>For >5,000, Deduct</i>	-18.02	
			<i>For Ground Installation, Deduct</i>	-1.18	
			<i>For Double Coil (Helix), Add</i>	85.36	
32 31 13 13-0668			Grounding For Gates <small>(32 31 13 13-0640)</small>		
			Note: Includes two of each of the following per opening: 5/8 ground rods, clamps, braided straps and #6 bare copper wire.		
32 31 13 13-0669	OPNG		Grounding For Gates (Per Opening).....	431.13	
32 31 13 13-0670			Coiled Spring Reinforcing Wire <small>(32 31 13 13-0640)</small>		
32 31 13 13-0671			Galvanized Steel <small>(32 31 13 13-0670)</small>		

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 31 13 13-0672	LF	7 Gauge, Galvanized Steel, Reinforcing Wire Coiled Spring	1.13	0.47
32 31 13 13-0673		Vinyl Coated Steel (32 31 13 13-0670)		
32 31 13 13-0674	LF	9 Gauge, Vinyl Coated Steel, Reinforcing Wire Coiled Spring	1.13	0.47
32 31 13 13-0675		Bending Of Fabric Around Pipe Railings (32 31 13 13-0640)		
		Note: Only where specified.		
32 31 13 13-0676	LF	Bend Chain Link Fence Fabric Around Pipe Railing, Top	1.47	
32 31 13 13-0677	LF	Bend Chain Link Fence Fabric Around Pipe Railing, Bottom	1.28	
32 31 13 13-0678		Mounting Plate With Anchors Or Bolts (32 31 13 13-0640)		
		Note: For drilling for anchor or bolts, installing post on or against flat surface.		
32 31 13 13-0679	EA	Mounting Plate For 1-5/8" Diameter Post	43.95	
32 31 13 13-0680	EA	Mounting Plate For 2" Diameter Post	44.70	
32 31 13 13-0681	EA	Mounting Plate For 2-1/2" Diameter Post	45.93	
32 31 13 13-0682	EA	Mounting Plate For 3" Diameter Post	55.53	
32 31 13 13-0683	EA	Mounting Plate For 4" Diameter Post	63.98	
32 31 13 13-0684	EA	Mounting Plate For 6-5/8" Diameter Post	74.31	
32 31 13 13-0685	EA	Mounting Plate For 8-5/8" Diameter Post	87.77	
32 31 13 13-0686		Tension Bar (32 31 13 13-0640)		
32 31 13 13-0687	EA	3' Long x 5/8" Wide x 3/16" Thick Galvanized Steel Tension Bar	15.37	
32 31 13 13-0688	EA	3-1/2' Long x 5/8" Wide x 3/16" Thick Galvanized Steel Tension Bar	16.36	
32 31 13 13-0689	EA	4' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	20.25	
32 31 13 13-0690	EA	5' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	23.49	
32 31 13 13-0691	EA	6' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	27.79	
32 31 13 13-0692	EA	7' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	32.31	
32 31 13 13-0693	EA	8' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	36.53	
32 31 13 13-0694	EA	9' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	43.92	
32 31 13 13-0695	EA	10' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	52.58	
32 31 13 13-0696		Fence And Gate Repair And Replacement (32 31 13 13)		
32 31 13 13-0697		Fence And Gate Parts Replacement (32 31 13 13-0696)		
32 31 13 13-0698	EA	Cantilever Roller Assembly, Ball Bearing With Fittings, Replacement	122.82	
32 31 13 13-0699	EA	Sliding Gate Roller Assembly Replacement	119.68	
32 31 13 13-0700	EA	Rod And Lock Gate Keeper Replacement	122.71	
32 31 13 13-0701	EA	Galvanized Gate Holdback Replacement	26.41	
32 31 13 13-0702	LF	3/8" Cross Bracing Rod Replacement	1.57	
32 31 13 13-0703	LF	1-5/8" Diagonal Pipe Bracing Replacement	2.45	
32 31 13 13-0704	EA	2-3/8" To 2-1/2" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	26.66	
32 31 13 13-0705	EA	2-7/8" To 3" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	30.37	
32 31 13 13-0706	EA	3-1/2" To 4" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	34.21	
32 31 13 13-0707	EA	6-1/2" To 6-5/8" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	51.02	
32 31 13 13-0708	EA	8-5/8" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	128.41	
32 31 13 13-0709	EA	2-1/2" x 2" Off Set Gate Hinge Replacement	25.07	
32 31 13 13-0710	EA	3" x 2" Off Set Gate Hinge Replacement	26.16	
32 31 13 13-0711	EA	4" x 2" Off Set Gate Hinge Replacement	27.90	
32 31 13 13-0712	EA	6-5/8" x 2" Off Set Gate Hinge Replacement	46.16	
32 31 13 13-0713	EA	8-5/8" x 2" Off Set Gate Hinge Replacement	73.24	
32 31 13 13-0714	EA	1-5/8" Aluminum Die-Cast Post Cap Replacement	5.48	
32 31 13 13-0715	EA	2" Aluminum Die-Cast Post Cap Replacement	6.02	
32 31 13 13-0716	EA	2-1/2" Aluminum Die-Cast Post Cap Replacement	7.07	
32 31 13 13-0717	EA	3" Aluminum Die-Cast Post Cap Replacement	8.28	
32 31 13 13-0718	EA	2" Galvanized Post Cap Replacement	6.08	
32 31 13 13-0719	EA	2-1/2" Galvanized Post Cap Replacement	6.58	
32 31 13 13-0720	EA	3" Galvanized Post Cap Replacement	7.56	
32 31 13 13-0721	EA	4" Galvanized Post Cap Replacement	11.37	
32 31 13 13-0722	EA	6-5/8" Galvanized Post Cap Replacement	21.80	
32 31 13 13-0723	EA	8-5/8" Galvanized Post Cap Replacement	35.98	
32 31 13 13-0724	EA	1-5/8" Boulevard Clamp Replacement	10.09	
32 31 13 13-0725	EA	2" Boulevard Clamp Replacement	12.30	
32 31 13 13-0726	EA	2-1/2" Boulevard Clamp Replacement	14.43	
32 31 13 13-0727	EA	3" Boulevard Clamp Replacement	17.50	
32 31 13 13-0728	EA	1-5/8" Gate Brace Or End Rail Clamp Replacement	9.88	
32 31 13 13-0729	EA	2" Gate Brace Or End Rail Clamp Replacement	12.01	
32 31 13 13-0730	EA	2-1/2" Gate Brace Or End Rail Clamp Replacement	14.13	
32 31 13 13-0731	EA	3" Gate Brace Or End Rail Clamp Replacement	17.19	
32 31 13 13-0732	EA	1-3/8" Heavy Duty Galvanized Tension Band With Bolt, Replacement	10.36	
32 31 13 13-0733	EA	1-5/8" Heavy Duty Galvanized Tension Band With Bolt, Replacement	10.45	
32 31 13 13-0734	EA	2" Heavy Duty Galvanized Tension Band With Bolt, Replacement	10.70	
32 31 13 13-0735	EA	2-1/2" Heavy Duty Galvanized Tension Band With Bolt, Replacement	10.59	
32 31 13 13-0736	EA	3" Heavy Duty Galvanized Tension Band With Bolt, Replacement	10.77	
32 31 13 13-0737	EA	3-1/2" Heavy Duty Galvanized Tension Band With Bolt, Replacement	10.93	
32 31 13 13-0738	EA	4" Heavy Duty Galvanized Tension Band With Bolt, Replacement	11.38	
32 31 13 13-0739	EA	6-5/8" Heavy Duty Galvanized Tension Band With Bolt, Replacement	14.65	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 31 13 13-0740			Removal And Reinstallation Of Chain Link Fences (32 31 13 13) Note: Includes removal, storage, cleaning and reinstallation of fence fabric, rails and other components. Excludes post work.		
32 31 13 13-0741	LF		Removal And Reinstallation Of Chain Link Fence Up To 5' Height	18.88	
32 31 13 13-0742	LF		Removal And Reinstallation Of Chain Link Fence 6' To 12' Height	28.32	

32 31 16 Welded Wire Fences and Gates (32 31)

32 31 16 00-0001			Welded Wire Fence (32 31 16)		
32 31 16 00-0002			12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh (32 31 16 00-0001) Note: Posts 5' on center.		
32 31 16 00-0003	LF		3' High, 12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh, Posts At 5'	9.24	1.66
32 31 16 00-0004	LF		5' High, 12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh, Posts At 5'	10.00	1.66

32 31 16 00-0005 14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh (32 31 16 00-0001)

32 31 16 00-0006	LF		3' High, 14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh, Posts At 5'	9.08	1.66
32 31 16 00-0007	LF		5' High, 14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh, Posts At 5'	9.76	1.66

32 31 19 Decorative Metal Fences and Gates (32 31)

See CSI section 32 31 13 13-0001 for drilling and grouting.

32 31 19 00-0001			Wrought Iron Fence (32 31 19) Note: Factory primed.		
32 31 19 00-0002			Wrought Iron Fence, 3/4" Verticals At >3" To 4" On Center (32 31 19 00-0001) Note: Factory primed.		
32 31 19 00-0003	LF		3' Wrought Iron Fence, Verticals At >3" To 4" On Center	60.16	10.39
			For Verticals Up To 2" On Center, Add	12.60	
			For Verticals >2" To 2-1/2" On Center, Add	7.88	
			For Verticals >2-1/2" To 3" On Center, Add	3.15	
			For Verticals >4" To 6" On Center, Deduct	-3.55	
			For Pickets Extending Above Top Rail, Add	5.96	
			For Curved Pickets Extending Above Top Rail, Add	14.36	
32 31 19 00-0004	LF		4' Wrought Iron Fence, Verticals At >3" To 4" On Center	77.72	13.22
			For Verticals Up To 2" On Center, Add	16.71	
			For Verticals >2" To 2-1/2" On Center, Add	10.44	
			For Verticals >2-1/2" To 3" On Center, Add	4.18	
			For Verticals >4" To 6" On Center, Deduct	-4.70	
			For Pickets Extending Above Top Rail, Add	7.80	
			For Curved Pickets Extending Above Top Rail, Add	18.88	
32 31 19 00-0005	LF		5' Wrought Iron Fence, Verticals At >3" To 4" On Center	93.58	13.78
			For Verticals Up To 2" On Center, Add	21.07	
			For Verticals >2" To 2-1/2" On Center, Add	13.17	
			For Verticals >2-1/2" To 3" On Center, Add	5.27	
			For Verticals >4" To 6" On Center, Deduct	-5.92	
			For Pickets Extending Above Top Rail, Add	9.62	
			For Curved Pickets Extending Above Top Rail, Add	23.48	
32 31 19 00-0006	LF		6' Wrought Iron Fence, Verticals At >3" To 4" On Center	113.45	16.62
			For Verticals Up To 2" On Center, Add	25.64	
			For Verticals >2" To 2-1/2" On Center, Add	16.03	
			For Verticals >2-1/2" To 3" On Center, Add	6.41	
			For Verticals >4" To 6" On Center, Deduct	-7.21	
			For Pickets Extending Above Top Rail, Add	11.68	
			For Curved Pickets Extending Above Top Rail, Add	28.54	
32 31 19 00-0007	LF		7' Wrought Iron Fence, Verticals At >3" To 4" On Center	134.78	17.59
			For Verticals Up To 2" On Center, Add	31.88	
			For Verticals >2" To 2-1/2" On Center, Add	19.92	
			For Verticals >2-1/2" To 3" On Center, Add	7.97	
			For Verticals >4" To 6" On Center, Deduct	-8.96	
			For Pickets Extending Above Top Rail, Add	14.21	
			For Curved Pickets Extending Above Top Rail, Add	35.01	
32 31 19 00-0008	LF		8' Wrought Iron Fence, Verticals At >3" To 4" On Center	156.08	18.51
			For Verticals Up To 2" On Center, Add	38.10	
			For Verticals >2" To 2-1/2" On Center, Add	23.81	
			For Verticals >2-1/2" To 3" On Center, Add	9.53	
			For Verticals >4" To 6" On Center, Deduct	-10.72	
			For Pickets Extending Above Top Rail, Add	16.73	
			For Curved Pickets Extending Above Top Rail, Add	41.47	
32 31 19 00-0009	LF		10' Wrought Iron Fence, Verticals At >3" To 4" On Center	191.52	20.77
			For Verticals Up To 2" On Center, Add	47.99	
			For Verticals >2" To 2-1/2" On Center, Add	30.00	
			For Verticals >2-1/2" To 3" On Center, Add	12.00	
			For Verticals >4" To 6" On Center, Deduct	-13.50	
			For Pickets Extending Above Top Rail, Add	20.82	
			For Curved Pickets Extending Above Top Rail, Add	51.86	
32 31 19 00-0010	LF		12' Wrought Iron Fence, Verticals At >3" To 4" On Center	227.30	23.60
			For Verticals Up To 2" On Center, Add	57.63	
			For Verticals >2" To 2-1/2" On Center, Add	36.02	
			For Verticals >2-1/2" To 3" On Center, Add	14.41	
			For Verticals >4" To 6" On Center, Deduct	-16.21	
			For Pickets Extending Above Top Rail, Add	24.87	
			For Curved Pickets Extending Above Top Rail, Add	62.07	

32 31 19 00-0011			Wrought Iron Gates (32 31 19 00-0001) Note: Factory primed.		
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32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0012			Single Wrought Iron Gates (32 31 19 00-0011) Note: Factory primed.		
32 31 19 00-0013	LF		3' Single Wrought Iron Gate, Hardware And Associated Trim	74.57	12.65
32 31 19 00-0014	LF		4' Single Wrought Iron Gate, Hardware And Associated Trim	97.93	15.68
32 31 19 00-0015	LF		5' Single Wrought Iron Gate, Hardware And Associated Trim	120.33	18.88
32 31 19 00-0016	LF		6' Single Wrought Iron Gate, Hardware And Associated Trim	146.52	22.66
32 31 19 00-0017	LF		8' Single Wrought Iron Gate, Hardware And Associated Trim	201.14	25.11
32 31 19 00-0018	LF		10' Single Wrought Iron Gate, Hardware And Associated Trim	245.87	27.75
32 31 19 00-0019	LF		12' Single Wrought Iron Gate, Hardware And Associated Trim	289.70	31.54
32 31 19 00-0020			Double Wrought Iron Gates (32 31 19 00-0011) Note: Factory primed.		
32 31 19 00-0021	LF		3' Double Wrought Iron Gate, Hardware And Associated Trim	91.62	11.33
32 31 19 00-0022	LF		4' Double Wrought Iron Gate, Hardware And Associated Trim	120.64	14.16
32 31 19 00-0023	LF		5' Double Wrought Iron Gate, Hardware And Associated Trim	147.70	16.99
32 31 19 00-0024	LF		6' Double Wrought Iron Gate, Hardware And Associated Trim	179.45	20.39
32 31 19 00-0025	LF		8' Double Wrought Iron Gate, Hardware And Associated Trim	247.36	22.66
32 31 19 00-0026	LF		10' Double Wrought Iron Gate, Hardware And Associated Trim	302.83	24.92
32 31 19 00-0027	LF		12' Double Wrought Iron Gate, Hardware And Associated Trim	357.34	28.32
32 31 19 00-0028			Repair Or Replace Wrought Iron Fence (32 31 19 00-0001)		
32 31 19 00-0029	LF		Removal And Replacement Of Wrought Iron Picket	20.25	
32 31 19 00-0030	LF		Removal And Replacement Of Wrought Iron Post	31.07	
32 31 19 00-0031	EA		Straighten Wrought Iron Post	75.53	
32 31 19 00-0032			Steel Tube Fence, Powder Coated (32 31 19)		
32 31 19 00-0032			Note: Pickets are 3/4" square x 16 gauge.		
32 31 19 00-0033			Steel Tube Fence, 2 Rail (32 31 19 00-0032)		
32 31 19 00-0034	LF		3' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	70.73	10.39
			For Verticals Up To 2" On Center, Add	10.07	
			For Verticals >2" To 2-1/2" On Center, Add	5.04	
			For Verticals >3" To 4" On Center, Deduct	-5.04	
			For Verticals >4" To 6" On Center, Deduct	-10.07	
			For Pickets Extending Above Top Rail, Add	5.30	
			For Curved Pickets Extending Above Top Rail, Add	9.33	
			For Solid Pickets, Add	14.39	
			For Aluminum With Satin Finish, Add	12.06	
			For Third Rail, Add	3.78	
			For 1" Square x 14 Gauge Pickets, Add	12.59	
			For 3" Square Posts, Add	5.04	
32 31 19 00-0035	LF		3'-6" Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	75.65	11.10
			For Verticals Up To 2" On Center, Add	10.69	
			For Verticals >2" To 2-1/2" On Center, Add	5.34	
			For Verticals >3" To 4" On Center, Deduct	-5.34	
			For Verticals >4" To 6" On Center, Deduct	-10.69	
			For Pickets Extending Above Top Rail, Add	5.65	
			For Curved Pickets Extending Above Top Rail, Add	9.95	
			For Solid Pickets, Add	15.36	
			For Aluminum With Satin Finish, Add	12.70	
			For Third Rail, Add	4.01	
			For 1" Square x 14 Gauge Pickets, Add	13.36	
			For 3" Square Posts, Add	5.34	
32 31 19 00-0036	LF		4' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	80.00	12.27
			For Verticals Up To 2" On Center, Add	11.19	
			For Verticals >2" To 2-1/2" On Center, Add	5.60	
			For Verticals >3" To 4" On Center, Deduct	-5.60	
			For Verticals >4" To 6" On Center, Deduct	-11.19	
			For Pickets Extending Above Top Rail, Add	5.96	
			For Curved Pickets Extending Above Top Rail, Add	10.48	
			For Solid Pickets, Add	16.20	
			For Aluminum With Satin Finish, Add	13.18	
			For Third Rail, Add	4.20	
			For 1" Square x 14 Gauge Pickets, Add	13.99	
			For 3" Square Posts, Add	5.60	
32 31 19 00-0037	LF		5' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	85.10	13.78
			For Verticals Up To 2" On Center, Add	11.47	
			For Verticals >2" To 2-1/2" On Center, Add	5.74	
			For Verticals >3" To 4" On Center, Deduct	-5.74	
			For Verticals >4" To 6" On Center, Deduct	-11.47	
			For Pickets Extending Above Top Rail, Add	6.26	
			For Curved Pickets Extending Above Top Rail, Add	10.97	
			For Solid Pickets, Add	17.07	
			For Aluminum With Satin Finish, Add	13.04	
			For Third Rail, Add	4.30	
			For 1" Square x 14 Gauge Pickets, Add	14.34	
			For 3" Square Posts, Add	5.74	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0038	LF	6'	Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	98.76	15.57
			For Verticals Up To 2" On Center, Add	13.52	
			For Verticals >2" To 2-1/2" On Center, Add	6.76	
			For Verticals >3" To 4" On Center, Deduct	-6.76	
			For Verticals >4" To 6" On Center, Deduct	-13.52	
			For Pickets Extending Above Top Rail, Add	7.30	
			For Curved Pickets Extending Above Top Rail, Add	12.82	
			For Solid Pickets, Add	19.88	
			For Aluminum With Satin Finish, Add	15.61	
			For Third Rail, Add	5.07	
			For 1" Square x 14 Gauge Pickets, Add	16.90	
			For 3" Square Posts, Add	6.76	
32 31 19 00-0039	LF	7'	Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts.....	113.19	16.99
			For Verticals Up To 2" On Center, Add	15.84	
			For Verticals >2" To 2-1/2" On Center, Add	7.92	
			For Verticals >3" To 4" On Center, Deduct	-7.92	
			For Verticals >4" To 6" On Center, Deduct	-15.84	
			For Pickets Extending Above Top Rail, Add	8.43	
			For Curved Pickets Extending Above Top Rail, Add	14.83	
			For Solid Pickets, Add	22.92	
			For Aluminum With Satin Finish, Add	18.66	
			For Third Rail, Add	5.94	
			For 1" Square x 14 Gauge Pickets, Add	19.80	
			For 4" Square Posts, Add	27.72	
32 31 19 00-0040	LF	8'	Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts.....	127.80	18.51
			For Verticals Up To 2" On Center, Add	18.16	
			For Verticals >2" To 2-1/2" On Center, Add	9.08	
			For Verticals >3" To 4" On Center, Deduct	-9.08	
			For Verticals >4" To 6" On Center, Deduct	-18.16	
			For Pickets Extending Above Top Rail, Add	9.57	
			For Curved Pickets Extending Above Top Rail, Add	16.85	
			For Solid Pickets, Add	25.98	
			For Aluminum With Satin Finish, Add	21.69	
			For Third Rail, Add	6.81	
			For 1" Square x 14 Gauge Pickets, Add	22.70	
			For 4" Square Posts, Add	31.78	
32 31 19 00-0041	LF	9'	Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts.....	148.82	19.83
			For Verticals Up To 2" On Center, Add	21.83	
			For Verticals >2" To 2-1/2" On Center, Add	10.92	
			For Verticals >3" To 4" On Center, Deduct	-10.92	
			For Verticals >4" To 6" On Center, Deduct	-21.83	
			For Pickets Extending Above Top Rail, Add	11.26	
			For Curved Pickets Extending Above Top Rail, Add	19.90	
			For Solid Pickets, Add	30.51	
			For Aluminum With Satin Finish, Add	26.80	
			For Third Rail, Add	8.19	
			For 1" Square x 14 Gauge Pickets, Add	27.29	
			For 4" Square Posts, Add	38.21	
32 31 19 00-0042	LF	10'	Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts.....	170.04	21.24
			For Verticals Up To 2" On Center, Add	25.51	
			For Verticals >2" To 2-1/2" On Center, Add	12.76	
			For Verticals >3" To 4" On Center, Deduct	-12.76	
			For Verticals >4" To 6" On Center, Deduct	-25.51	
			For Pickets Extending Above Top Rail, Add	12.97	
			For Curved Pickets Extending Above Top Rail, Add	22.96	
			For Solid Pickets, Add	35.07	
			For Aluminum With Satin Finish, Add	31.89	
			For Third Rail, Add	9.57	
			For 1" Square x 14 Gauge Pickets, Add	31.89	
			For 6" Square Posts, Add	44.64	
32 31 19 00-0043	LF	12'	Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts.....	200.48	23.60
			For Verticals Up To 2" On Center, Add	30.66	
			For Verticals >2" To 2-1/2" On Center, Add	15.33	
			For Verticals >3" To 4" On Center, Deduct	-15.33	
			For Verticals >4" To 6" On Center, Deduct	-30.66	
			For Pickets Extending Above Top Rail, Add	15.39	
			For Curved Pickets Extending Above Top Rail, Add	27.30	
			For Solid Pickets, Add	41.57	
			For Aluminum With Satin Finish, Add	38.90	
			For Third Rail, Add	11.50	
			For 1" Square x 14 Gauge Pickets, Add	38.32	
			For 6" Square Posts, Add	53.65	
32 31 19 00-0044	LF	14'	Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts.....	214.72	25.49
			For Verticals Up To 2" On Center, Add	32.75	
			For Verticals >2" To 2-1/2" On Center, Add	16.38	
			For Verticals >3" To 4" On Center, Deduct	-16.38	
			For Verticals >4" To 6" On Center, Deduct	-32.75	
			For Pickets Extending Above Top Rail, Add	16.47	
			For Curved Pickets Extending Above Top Rail, Add	29.20	
			For Solid Pickets, Add	44.49	
			For Aluminum With Satin Finish, Add	41.48	
			For Third Rail, Add	12.28	
			For 1" Square x 14 Gauge Pickets, Add	40.94	
			For 6" Square Posts, Add	57.31	

32 31 19 00-0045 Steel Tube Swing Gates (32 31 19 00-0032)

32 31 19 00-0046 3' Fence Height Steel Tube Swing Gates, 2 Rail (32 31 19 00-0045)

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 31 19 00-0047	EA	3' Wide x 3' High Steel Tube Single Swing Gate	778.12	20.10
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	170.55	
		For Aluminum With Satin Finish, Add	206.25	
		For Third Rail, Add	53.83	
		For 1" Square x 14 Gauge Pickets, Add	71.77	
32 31 19 00-0048	EA	3'-6" Wide x 3' High Steel Tube Single Swing Gate	866.53	21.05
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	190.23	
		For Aluminum With Satin Finish, Add	231.50	
		For Third Rail, Add	60.25	
		For 1" Square x 14 Gauge Pickets, Add	80.33	
32 31 19 00-0049	EA	4' Wide x 3' High Steel Tube Single Swing Gate	959.79	22.28
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	210.93	
		For Aluminum With Satin Finish, Add	257.77	
		For Third Rail, Add	66.96	
		For 1" Square x 14 Gauge Pickets, Add	89.28	
32 31 19 00-0050	EA	5' Wide x 3' High Steel Tube Single Swing Gate	1,009.24	23.89
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	221.70	
		For Aluminum With Satin Finish, Add	270.48	
		For Third Rail, Add	70.31	
		For 1" Square x 14 Gauge Pickets, Add	93.75	
32 31 19 00-0051	EA	6' Wide x 3' High Steel Tube Single Swing Gate	1,126.48	28.60
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	247.02	
		For Aluminum With Satin Finish, Add	299.29	
		For Third Rail, Add	78.04	
		For 1" Square x 14 Gauge Pickets, Add	104.06	
32 31 19 00-0052	EA	7' Wide x 3' High Steel Tube Single Swing Gate	1,197.05	33.32
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	261.83	
		For Aluminum With Satin Finish, Add	314.08	
		For Third Rail, Add	82.27	
		For 1" Square x 14 Gauge Pickets, Add	109.70	
32 31 19 00-0053	EA	8' Wide x 3' High Steel Tube Single Swing Gate	1,305.51	38.33
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	285.10	
		For Aluminum With Satin Finish, Add	339.83	
		For Third Rail, Add	89.28	
		For 1" Square x 14 Gauge Pickets, Add	119.03	
32 31 19 00-0054	EA	9' Wide x 3' High Steel Tube Single Swing Gate	1,399.41	43.05
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	305.17	
		For Aluminum With Satin Finish, Add	361.62	
		For Third Rail, Add	95.26	
		For 1" Square x 14 Gauge Pickets, Add	127.01	
32 31 19 00-0055	EA	10' Wide x 3' High Steel Tube Single Swing Gate	1,481.65	47.77
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	322.61	
		For Aluminum With Satin Finish, Add	379.92	
		For Third Rail, Add	100.36	
		For 1" Square x 14 Gauge Pickets, Add	133.82	
32 31 19 00-0056	EA	6' Wide x 3' High Steel Tube Double Swing Gate	1,628.01	40.22
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	357.24	
		For Aluminum With Satin Finish, Add	434.03	
		For Third Rail, Add	113.04	
		For 1" Square x 14 Gauge Pickets, Add	150.72	
32 31 19 00-0057	EA	7' Wide x 3' High Steel Tube Double Swing Gate	1,735.02	42.11
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	380.89	
		For Aluminum With Satin Finish, Add	463.58	
		For Third Rail, Add	120.64	
		For 1" Square x 14 Gauge Pickets, Add	160.85	
32 31 19 00-0058	EA	8' Wide x 3' High Steel Tube Double Swing Gate	1,919.57	44.65
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	421.85	
		For Aluminum With Satin Finish, Add	515.54	
		For Third Rail, Add	133.91	
		For 1" Square x 14 Gauge Pickets, Add	178.55	
32 31 19 00-0059	EA	9' Wide x 3' High Steel Tube Double Swing Gate	2,011.81	46.26
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	442.25	
		For Aluminum With Satin Finish, Add	541.10	
		For Third Rail, Add	140.48	
		For 1" Square x 14 Gauge Pickets, Add	187.30	
32 31 19 00-0060	EA	10' Wide x 3' High Steel Tube Double Swing Gate	2,086.55	47.77
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	458.71	
		For Aluminum With Satin Finish, Add	561.39	
		For Third Rail, Add	145.73	
		For 1" Square x 14 Gauge Pickets, Add	194.31	
32 31 19 00-0061	EA	12' Wide x 3' High Steel Tube Double Swing Gate	2,346.33	57.21
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	515.04	
		For Aluminum With Satin Finish, Add	626.58	
		For Third Rail, Add	163.09	
		For 1" Square x 14 Gauge Pickets, Add	217.45	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0062	EA		14' Wide x 3' High Steel Tube Double Swing Gate..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,569.14 563.05 680.68 177.68 236.90	66.65
32 31 19 00-0063	EA		16' Wide x 3' High Steel Tube Double Swing Gate..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,754.96 602.59 722.83 189.35 252.46	76.75
32 31 19 00-0064	EA		18' Wide x 3' High Steel Tube Double Swing Gate..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,909.71 635.28 756.51 198.83 265.10	86.10
32 31 19 00-0065	EA		20' Wide x 3' High Steel Tube Double Swing Gate..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	3,035.27 661.41 781.44 206.12 274.83	95.54
32 31 19 00-0066			4' Fence Height Steel Tube Swing Gates, 2 Rail (32 31 19 00-0045)		
32 31 19 00-0067	EA		3' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	900.08 197.74 241.35 62.73 83.64	18.88
32 31 19 00-0068	EA		3'-6" Wide x 4' High Steel Tube Single Swing Gate..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	974.41 214.29 262.58 68.12 90.83	22.00
32 31 19 00-0069	EA		4' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,051.08 231.18 283.46 73.52 98.03	23.60
32 31 19 00-0070	EA		5' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,114.16 245.02 300.26 77.90 103.86	25.11
32 31 19 00-0071	EA		6' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,199.28 263.04 319.00 83.15 110.87	30.21
32 31 19 00-0072	EA		7' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,315.52 288.06 347.08 90.73 120.98	35.22
32 31 19 00-0073	EA		8' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,476.49 323.15 388.57 101.67 135.57	40.22
32 31 19 00-0074	EA		9' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,633.60 357.36 428.90 112.32 149.77	45.32
32 31 19 00-0075	EA		10' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,782.91 389.83 466.90 122.39 163.19	50.32
32 31 19 00-0076	EA		6' Wide x 4' High Steel Tube Double Swing Gate..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,800.15 395.48 482.69 125.45 167.27	42.49

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 19 00-0077	EA	7' Wide x 4' High Steel Tube Double Swing Gate	1,948.79	43.99
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	428.57	
		For Aluminum With Satin Finish, Add	525.17	
		For Third Rail, Add	136.25	
		For 1" Square x 14 Gauge Pickets, Add	181.66	
32 31 19 00-0078	EA	8' Wide x 4' High Steel Tube Double Swing Gate	2,102.16	47.20
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	462.37	
		For Aluminum With Satin Finish, Add	566.93	
		For Third Rail, Add	147.04	
		For 1" Square x 14 Gauge Pickets, Add	196.06	
32 31 19 00-0079	EA	9' Wide x 4' High Steel Tube Double Swing Gate	2,223.59	48.71
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	489.33	
		For Aluminum With Satin Finish, Add	601.23	
		For Third Rail, Add	155.79	
		For 1" Square x 14 Gauge Pickets, Add	207.73	
32 31 19 00-0080	EA	10' Wide x 4' High Steel Tube Double Swing Gate	2,325.56	50.32
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	511.92	
		For Aluminum With Satin Finish, Add	629.70	
		For Third Rail, Add	163.09	
		For 1" Square x 14 Gauge Pickets, Add	217.45	
32 31 19 00-0081	EA	12' Wide x 4' High Steel Tube Double Swing Gate	2,637.80	60.32
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	579.91	
		For Aluminum With Satin Finish, Add	709.77	
		For Third Rail, Add	184.24	
		For 1" Square x 14 Gauge Pickets, Add	245.65	
32 31 19 00-0082	EA	14' Wide x 4' High Steel Tube Double Swing Gate	2,911.12	70.42
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	639.14	
		For Aluminum With Satin Finish, Add	778.18	
		For Third Rail, Add	202.47	
		For 1" Square x 14 Gauge Pickets, Add	269.97	
32 31 19 00-0083	EA	16' Wide x 4' High Steel Tube Double Swing Gate	3,147.51	80.43
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	690.06	
		For Aluminum With Satin Finish, Add	835.50	
		For Third Rail, Add	217.94	
		For 1" Square x 14 Gauge Pickets, Add	290.58	
32 31 19 00-0084	EA	18' Wide x 4' High Steel Tube Double Swing Gate	3,350.83	90.54
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	733.55	
		For Aluminum With Satin Finish, Add	882.90	
		For Third Rail, Add	230.92	
		For 1" Square x 14 Gauge Pickets, Add	307.89	
32 31 19 00-0085	EA	20' Wide x 4' High Steel Tube Double Swing Gate	3,523.01	100.64
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	770.02	
		For Aluminum With Satin Finish, Add	920.96	
		For Third Rail, Add	241.57	
		For 1" Square x 14 Gauge Pickets, Add	322.09	
32 31 19 00-0086		5' Fence Height Steel Tube Swing Gates, 2 Rail (32 31 19 00-0045)		
32 31 19 00-0087	EA	3' Wide x 5' High Steel Tube Single Swing Gate	980.24	22.00
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	215.60	
		For Aluminum With Satin Finish, Add	264.33	
		For Third Rail, Add	68.56	
		For 1" Square x 14 Gauge Pickets, Add	91.42	
32 31 19 00-0088	EA	3'-6" Wide x 5' High Steel Tube Single Swing Gate	1,033.58	23.60
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	227.25	
		For Aluminum With Satin Finish, Add	278.21	
		For Third Rail, Add	72.21	
		For 1" Square x 14 Gauge Pickets, Add	96.28	
32 31 19 00-0089	EA	4' Wide x 5' High Steel Tube Single Swing Gate	1,084.99	25.11
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	238.46	
		For Aluminum With Satin Finish, Add	291.51	
		For Third Rail, Add	75.71	
		For 1" Square x 14 Gauge Pickets, Add	100.95	
32 31 19 00-0090	EA	5' Wide x 5' High Steel Tube Single Swing Gate	1,159.72	26.72
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	254.92	
		For Aluminum With Satin Finish, Add	311.81	
		For Third Rail, Add	80.96	
		For 1" Square x 14 Gauge Pickets, Add	107.95	
32 31 19 00-0091	EA	6' Wide x 5' High Steel Tube Single Swing Gate	1,259.40	32.10
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	276.14	
		For Aluminum With Satin Finish, Add	334.49	
		For Third Rail, Add	87.23	
		For 1" Square x 14 Gauge Pickets, Add	116.31	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0092	EA		7' Wide x 5' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,392.15 304.81 367.09 95.99 127.98	37.38
32 31 19 00-0093	EA		8' Wide x 5' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,578.36 345.43 415.31 108.68 144.90	43.05
32 31 19 00-0094	EA		9' Wide x 5' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,759.73 385.04 462.50 121.08 161.44	48.43
32 31 19 00-0095	EA		10' Wide x 5' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,937.21 423.77 508.52 133.18 177.58	53.71
32 31 19 00-0096	EA		6' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,934.23 427.26 532.60 137.12 182.83	37.10
32 31 19 00-0097	EA		7' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,047.18 451.35 558.54 144.27 192.36	43.23
32 31 19 00-0098	EA		8' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,161.18 475.60 584.33 151.42 201.89	49.75
32 31 19 00-0099	EA		9' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,318.88 509.75 623.70 161.92 215.90	55.98
32 31 19 00-0100	EA		10' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,457.12 539.53 657.23 170.97 227.95	62.12
32 31 19 00-0101	EA		12' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,797.77 614.70 750.54 195.03 260.05	69.10
32 31 19 00-0102	EA		14' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	3,103.55 681.87 832.47 216.33 288.44	76.66
32 31 19 00-0103	EA		16' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	3,376.40 741.47 903.57 235.01 313.34	85.06
32 31 19 00-0104	EA		18' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	3,621.23 794.53 964.87 251.34 335.12	94.50
32 31 19 00-0105	EA		20' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	3,838.08 841.06 1,016.37 265.35 353.80	105.08

32 31 19 00-0106 6' Fence Height Steel Tube Swing Gates, 2 Rail (32 31 19 00-0045)

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 31 19 00-0107	EA	3' Wide x 6' High Steel Tube Single Swing Gate	1,019.91	24.16
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	224.03	
		For Aluminum With Satin Finish, Add	273.26	
		For Third Rail, Add	71.04	
		For 1" Square x 14 Gauge Pickets, Add	94.72	
32 31 19 00-0108	EA	3'-6" Wide x 6' High Steel Tube Single Swing Gate	1,072.31	25.49
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	235.53	
		For Aluminum With Satin Finish, Add	287.28	
		For Third Rail, Add	74.69	
		For 1" Square x 14 Gauge Pickets, Add	99.58	
32 31 19 00-0109	EA	4' Wide x 6' High Steel Tube Single Swing Gate	1,125.38	26.90
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	247.14	
		For Aluminum With Satin Finish, Add	301.20	
		For Third Rail, Add	78.33	
		For 1" Square x 14 Gauge Pickets, Add	104.45	
32 31 19 00-0110	EA	5' Wide x 6' High Steel Tube Single Swing Gate	1,190.68	28.60
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	261.46	
		For Aluminum With Satin Finish, Add	318.54	
		For Third Rail, Add	82.86	
		For 1" Square x 14 Gauge Pickets, Add	110.48	
32 31 19 00-0111	EA	6' Wide x 6' High Steel Tube Single Swing Gate	1,335.03	34.55
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	292.59	
		For Aluminum With Satin Finish, Add	353.78	
		For Third Rail, Add	92.34	
		For 1" Square x 14 Gauge Pickets, Add	123.12	
32 31 19 00-0112	EA	7' Wide x 6' High Steel Tube Single Swing Gate	1,489.12	40.60
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	325.92	
		For Aluminum With Satin Finish, Add	391.94	
		For Third Rail, Add	102.55	
		For 1" Square x 14 Gauge Pickets, Add	136.73	
32 31 19 00-0113	EA	8' Wide x 6' High Steel Tube Single Swing Gate	1,661.71	46.26
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	363.48	
		For Aluminum With Satin Finish, Add	436.07	
		For Third Rail, Add	114.22	
		For 1" Square x 14 Gauge Pickets, Add	152.29	
32 31 19 00-0114	EA	9' Wide x 6' High Steel Tube Single Swing Gate	1,827.48	52.20
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	399.43	
		For Aluminum With Satin Finish, Add	477.72	
		For Third Rail, Add	125.31	
		For 1" Square x 14 Gauge Pickets, Add	167.08	
32 31 19 00-0115	EA	10' Wide x 6' High Steel Tube Single Swing Gate	2,030.17	58.15
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	443.69	
		For Aluminum With Satin Finish, Add	530.46	
		For Third Rail, Add	139.16	
		For 1" Square x 14 Gauge Pickets, Add	185.55	
32 31 19 00-0116	EA	6' Wide x 6' High Steel Tube Double Swing Gate	2,008.66	40.02
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	443.38	
		For Aluminum With Satin Finish, Add	551.19	
		For Third Rail, Add	142.08	
		For 1" Square x 14 Gauge Pickets, Add	189.44	
32 31 19 00-0117	EA	7' Wide x 6' High Steel Tube Double Swing Gate	2,125.64	46.91
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	468.22	
		For Aluminum With Satin Finish, Add	577.41	
		For Third Rail, Add	149.38	
		For 1" Square x 14 Gauge Pickets, Add	199.17	
32 31 19 00-0118	EA	8' Wide x 6' High Steel Tube Double Swing Gate	2,241.59	53.43
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	492.91	
		For Aluminum With Satin Finish, Add	603.78	
		For Third Rail, Add	156.67	
		For 1" Square x 14 Gauge Pickets, Add	208.89	
32 31 19 00-0119	EA	9' Wide x 6' High Steel Tube Double Swing Gate	2,381.90	60.32
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	523.00	
		For Aluminum With Satin Finish, Add	637.00	
		For Third Rail, Add	165.71	
		For 1" Square x 14 Gauge Pickets, Add	220.95	
32 31 19 00-0120	EA	10' Wide x 6' High Steel Tube Double Swing Gate	2,603.92	67.21
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	571.47	
		For Aluminum With Satin Finish, Add	694.72	
		For Third Rail, Add	180.89	
		For 1" Square x 14 Gauge Pickets, Add	241.18	
32 31 19 00-0121	EA	12' Wide x 6' High Steel Tube Double Swing Gate	3,055.56	74.86
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	671.46	
		For Aluminum With Satin Finish, Add	820.40	
		For Third Rail, Add	213.12	
		For 1" Square x 14 Gauge Pickets, Add	284.16	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0122	EA		14' Wide x 6' High Steel Tube Double Swing Gate..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	3,197.19 701.45 851.67 221.88 295.83	83.64
32 31 19 00-0123	EA		16' Wide x 6' High Steel Tube Double Swing Gate..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	3,510.10 769.83 933.40 243.32 324.43	93.08
32 31 19 00-0124	EA		18' Wide x 6' High Steel Tube Double Swing Gate..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	3,796.96 832.12 1,005.91 262.58 350.10	103.56
32 31 19 00-0125	EA		20' Wide x 6' High Steel Tube Double Swing Gate..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	4,062.69 889.34 1,070.20 279.93 373.25	115.55
32 31 19 00-0126			7' Fence Height Steel Tube Swing Gates, 2 Rail (32 31 19 00-0045)		
32 31 19 00-0127	EA		3' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,080.32 237.17 288.71 75.13 100.17	26.15
32 31 19 00-0128	EA		3'-6" Wide x 7' High Steel Tube Single Swing Gate..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,135.04 249.17 303.25 78.92 105.22	27.57
32 31 19 00-0129	EA		4' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,189.97 261.21 317.77 82.71 110.28	28.98
32 31 19 00-0130	EA		5' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,244.95 273.25 332.28 86.50 115.34	30.49
32 31 19 00-0131	EA		6' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,439.84 315.61 381.82 99.63 132.84	37.10
32 31 19 00-0132	EA		7' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,618.20 354.32 426.83 111.59 148.79	43.43
32 31 19 00-0133	EA		8' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,746.94 381.80 456.54 119.76 159.68	49.94
32 31 19 00-0134	EA		9' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,894.20 413.52 492.22 129.39 172.52	56.26
32 31 19 00-0135	EA		10' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,075.46 452.82 537.67 141.50 188.67	62.88
32 31 19 00-0136	EA		6' Wide x 7' High Steel Tube Double Swing Gate..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,125.89 469.13 582.62 150.25 200.34	42.86

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 19 00-0137	EA	7' Wide x 7' High Steel Tube Double Swing Gate	2,247.80	50.13
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	495.01	
		For Aluminum With Satin Finish, Add	609.85	
		For Third Rail, Add	157.84	
		For 1" Square x 14 Gauge Pickets, Add	210.45	
32 31 19 00-0138	EA	8' Wide x 7' High Steel Tube Double Swing Gate	2,370.74	57.77
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	521.03	
		For Aluminum With Satin Finish, Add	636.92	
		For Third Rail, Add	165.42	
		For 1" Square x 14 Gauge Pickets, Add	220.56	
32 31 19 00-0139	EA	9' Wide x 7' High Steel Tube Double Swing Gate	2,494.60	65.04
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	547.34	
		For Aluminum With Satin Finish, Add	664.73	
		For Third Rail, Add	173.15	
		For 1" Square x 14 Gauge Pickets, Add	230.87	
32 31 19 00-0140	EA	10' Wide x 7' High Steel Tube Double Swing Gate	2,810.10	72.69
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	616.70	
		For Aluminum With Satin Finish, Add	749.57	
		For Third Rail, Add	195.18	
		For 1" Square x 14 Gauge Pickets, Add	260.24	
32 31 19 00-0141	EA	12' Wide x 7' High Steel Tube Double Swing Gate	3,399.98	81.10
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	747.63	
		For Aluminum With Satin Finish, Add	915.78	
		For Third Rail, Add	237.63	
		For 1" Square x 14 Gauge Pickets, Add	316.84	
32 31 19 00-0142	EA	14' Wide x 7' High Steel Tube Double Swing Gate	3,357.99	90.91
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	736.08	
		For Aluminum With Satin Finish, Add	890.57	
		For Third Rail, Add	232.38	
		For 1" Square x 14 Gauge Pickets, Add	309.84	
32 31 19 00-0143	EA	16' Wide x 7' High Steel Tube Double Swing Gate	3,637.07	101.40
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	796.61	
		For Aluminum With Satin Finish, Add	960.74	
		For Third Rail, Add	251.05	
		For 1" Square x 14 Gauge Pickets, Add	334.73	
32 31 19 00-0144	EA	18' Wide x 7' High Steel Tube Double Swing Gate	3,970.87	113.38
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	869.15	
		For Aluminum With Satin Finish, Add	1,045.47	
		For Third Rail, Add	273.52	
		For 1" Square x 14 Gauge Pickets, Add	364.69	
32 31 19 00-0145	EA	20' Wide x 7' High Steel Tube Double Swing Gate	4,189.14	126.50
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	915.45	
		For Aluminum With Satin Finish, Add	1,094.12	
		For Third Rail, Add	287.08	
		For 1" Square x 14 Gauge Pickets, Add	382.78	
32 31 19 00-0146		8' Fence Height Steel Tube Swing Gates, 2 Rail (32 31 19 00-0045)		
32 31 19 00-0147	EA	3' Wide x 8' High Steel Tube Single Swing Gate	1,174.16	28.32
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	257.81	
		For Aluminum With Satin Finish, Add	314.02	
		For Third Rail, Add	81.69	
		For 1" Square x 14 Gauge Pickets, Add	108.92	
32 31 19 00-0148	EA	3'-6" Wide x 8' High Steel Tube Single Swing Gate	1,231.41	29.83
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	270.34	
		For Aluminum With Satin Finish, Add	329.06	
		For Third Rail, Add	85.63	
		For 1" Square x 14 Gauge Pickets, Add	114.17	
32 31 19 00-0149	EA	4' Wide x 8' High Steel Tube Single Swing Gate	1,292.52	31.43
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	283.74	
		For Aluminum With Satin Finish, Add	345.28	
		For Third Rail, Add	89.86	
		For 1" Square x 14 Gauge Pickets, Add	119.81	
32 31 19 00-0150	EA	5' Wide x 8' High Steel Tube Single Swing Gate	1,346.17	35.02
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	294.99	
		For Aluminum With Satin Finish, Add	356.48	
		For Third Rail, Add	93.07	
		For 1" Square x 14 Gauge Pickets, Add	124.09	
32 31 19 00-0151	EA	6' Wide x 8' High Steel Tube Single Swing Gate	1,593.26	39.65
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	349.56	
		For Aluminum With Satin Finish, Add	424.45	
		For Third Rail, Add	110.57	
		For 1" Square x 14 Gauge Pickets, Add	147.43	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0152	EA		7' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,771.45	47.77
			<i>For Solid Pickets, Add</i>	387.81	
			<i>For Aluminum With Satin Finish, Add</i>	466.86	
			<i>For Third Rail, Add</i>	122.10	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	162.80	
32 31 19 00-0153	EA		8' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,847.58	55.61
			<i>For Solid Pickets, Add</i>	403.17	
			<i>For Aluminum With Satin Finish, Add</i>	479.08	
			<i>For Third Rail, Add</i>	126.04	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	168.05	
32 31 19 00-0154	EA		9' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,979.11	63.82
			<i>For Solid Pickets, Add</i>	430.93	
			<i>For Aluminum With Satin Finish, Add</i>	507.49	
			<i>For Third Rail, Add</i>	134.06	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	178.75	
32 31 19 00-0155	EA		10' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	2,093.10	72.03
			<i>For Solid Pickets, Add</i>	454.73	
			<i>For Aluminum With Satin Finish, Add</i>	530.65	
			<i>For Third Rail, Add</i>	140.77	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	187.69	
32 31 19 00-0156	EA		6' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,311.19	45.79
			<i>For Solid Pickets, Add</i>	510.20	
			<i>For Aluminum With Satin Finish, Add</i>	634.47	
			<i>For Third Rail, Add</i>	163.53	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	218.03	
32 31 19 00-0157	EA		7' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,447.10	55.23
			<i>For Solid Pickets, Add</i>	538.76	
			<i>For Aluminum With Satin Finish, Add</i>	663.10	
			<i>For Third Rail, Add</i>	171.69	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	228.93	
32 31 19 00-0158	EA		8' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,580.04	64.29
			<i>For Solid Pickets, Add</i>	566.72	
			<i>For Aluminum With Satin Finish, Add</i>	691.30	
			<i>For Third Rail, Add</i>	179.72	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	239.62	
32 31 19 00-0159	EA		9' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,690.69	73.83
			<i>For Solid Pickets, Add</i>	589.59	
			<i>For Aluminum With Satin Finish, Add</i>	712.34	
			<i>For Third Rail, Add</i>	185.99	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	247.99	
32 31 19 00-0160	EA		10' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,128.07	83.27
			<i>For Solid Pickets, Add</i>	685.98	
			<i>For Aluminum With Satin Finish, Add</i>	831.41	
			<i>For Third Rail, Add</i>	216.77	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	289.03	
32 31 19 00-0161	EA		12' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,903.12	93.75
			<i>For Solid Pickets, Add</i>	858.11	
			<i>For Aluminum With Satin Finish, Add</i>	1,050.37	
			<i>For Third Rail, Add</i>	272.64	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	363.52	
32 31 19 00-0162	EA		14' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,560.07	105.73
			<i>For Solid Pickets, Add</i>	778.35	
			<i>For Aluminum With Satin Finish, Add</i>	932.04	
			<i>For Third Rail, Add</i>	244.34	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	325.79	
32 31 19 00-0163	EA		16' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,809.59	119.61
			<i>For Solid Pickets, Add</i>	831.53	
			<i>For Aluminum With Satin Finish, Add</i>	989.13	
			<i>For Third Rail, Add</i>	260.10	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	346.79	
32 31 19 00-0164	EA		18' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	4,197.47	134.81
			<i>For Solid Pickets, Add</i>	915.54	
			<i>For Aluminum With Satin Finish, Add</i>	1,085.87	
			<i>For Third Rail, Add</i>	285.92	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	381.22	
32 31 19 00-0165	EA		20' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	4,277.39	151.90
			<i>For Solid Pickets, Add</i>	929.86	
			<i>For Aluminum With Satin Finish, Add</i>	1,087.89	
			<i>For Third Rail, Add</i>	288.25	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	384.33	
32 31 19 00-0166			Replace Steel Tube Fence Pickets (32 31 19 00-0032)		
32 31 19 00-0167	LF		Removal And Replacement Of 3/4" Square x 16 Gauge Steel Tube Fence Picket <i>For 1" Square x 14 Gauge Pickets, Add</i>	27.48 0.86	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 31 19 00-0168	Removal And Reinstallation Of Ornamental Fences <small>(32 31 19)</small>		
	Note: Including storage and cleaning. Excludes augering and concrete.		
32 31 19 00-0169	LF Removal And Reinstallation Of Ornamental Fence Up To 5' Height.....	42.49	
32 31 19 00-0170	LF Removal And Reinstallation Of Ornamental Fence, 6' Height.....	46.73	
32 31 19 00-0171	LF Removal And Reinstallation Of Ornamental Fence, 7' Height.....	50.97	
32 31 19 00-0172	LF Removal And Reinstallation Of Ornamental Fence, 8' Height.....	55.23	
32 31 19 00-0173	LF Removal And Reinstallation Of Ornamental Fence, 9' Height.....	59.47	
32 31 19 00-0174	LF Removal And Reinstallation Of Ornamental Fence, 10' Height.....	63.73	
32 31 19 00-0175	LF Removal And Reinstallation Of Ornamental Fence 12' Height.....	70.80	
32 31 26	Wire Fences and Gates <small>(32 31)</small>		
32 31 26 13	Wire Fences with Steel Posts <small>(32 31 26)</small>		
32 31 26 13-0001	Wire And Screen <small>(32 31 26 13)</small>		
32 31 26 13-0002	Wire And Screen For Partitions And Fences <small>(32 31 26 13-0001)</small>		
	Note: Excludes framing and post.		
32 31 26 13-0003	Screen Wire <small>(32 31 26 13-0002)</small>		
32 31 26 13-0004	LF Screen Wire, 48" Wide Rolls.....	13.77	1.17
32 31 26 13-0005	Hog Wire <small>(32 31 26 13-0002)</small>		
32 31 26 13-0006	SF 4" x 4" Hog Wire For Fencing.....	2.41	0.93
32 31 26 13-0007	SF 6" x 6" Hog Wire For Fencing.....	2.52	1.06
32 31 26 13-0008	Non-Climb Horse Fence <small>(32 31 26 13-0002)</small>		
32 31 26 13-0009	LF 4' Non-Climb Woven, 12.5 Gauge, Horse Fence.....	10.87	3.75
32 31 26 13-0010	LF 5' Non-Climb Woven, 12.5 Gauge, Horse Fence.....	13.94	4.68
32 31 26 13-0011	LF 6' Non-Climb Woven, 12.5 Gauge, Horse Fence.....	17.51	5.63
32 31 26 13-0012	Screen For Partitions And Ceilings <small>(32 31 26 13-0001)</small>		
	Note: Can be used to support insulation on walls and ceilings.		
32 31 26 13-0013	SF 1" Mesh Chicken Wire.....	2.33	0.66
32 31 29	Wood Fences and Gates <small>(32 31)</small>		
	See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.		
32 31 29 00-0001	Basket Weave <small>(32 31 29)</small>		
	Note: 3/8" x 4" boards, 4" x 4" post		
32 31 29 00-0002	LF 6' High #1 Cedar Basket Weave Fence 3/8" x 4" Boards, 4" x 4" Post.....	41.14	3.30
	For Fastening With Screws Instead Of Nails, Add	2.40	
32 31 29 00-0003	LF 6' High, Pressure Treated Pine Basket Weave 3/8" x 4" Boards, 4" x 4" Post.....	26.90	3.30
	For Fastening With Screws Instead Of Nails, Add	1.71	
32 31 29 00-0004	Board Fence <small>(32 31 29)</small>		
	Note: 1x4" board, 2x4" rail, 4x4" post.		
32 31 29 00-0005	LF Two 2" x 4" Rails, 3' High 1" x 4" Boards, Preservative Treated Board Fence.....	26.28	3.30
	For 1" x 6" Boards, Deduct	-2.73	
	For 1" x 3" Boards (Stockade Top), Add	3.38	
	For Fastening With Screws Instead Of Nails, Add	1.69	
32 31 29 00-0006	LF Two 2" x 4" Rails, 4' High 1" x 4" Boards, Preservative Treated Board Fence.....	29.28	3.30
	For 1" x 6" Boards, Deduct	-2.97	
	For 1" x 3" Boards (Stockade Top), Add	3.66	
	For Fastening With Screws Instead Of Nails, Add	1.87	
32 31 29 00-0007	LF Three 2" x 4" Rails, 5' High 1" x 4" Boards, Preservative Treated Board Fence.....	32.77	3.30
	For 1" x 6" Boards, Deduct	-3.18	
	For 1" x 3" Boards (Stockade Top), Add	3.87	
	For Fastening With Screws Instead Of Nails, Add	2.06	
32 31 29 00-0008	LF Three 2" x 4" Rails, 6' High 1" x 4" Boards, Preservative Treated Board Fence.....	35.02	3.30
	For 1" x 6" Boards, Deduct	-3.34	
	For 1" x 3" Boards (Stockade Top), Add	4.05	
	For Fastening With Screws Instead Of Nails, Add	2.19	
32 31 29 00-0009	LF Three 2" x 4" Rails, 8' High 1" x 4" Boards, Preservative Treated Board Fence.....	37.45	3.30
	For 1" x 6" Boards, Deduct	-3.52	
	For 1" x 3" Boards (Stockade Top), Add	4.24	
	For Fastening With Screws Instead Of Nails, Add	2.33	
32 31 29 00-0010	LF Two 2" x 4" Rails, 3' High 1" x 4" #2 Grade Western Cedar Board Fence.....	28.15	3.30
	For 1" x 6" Boards, Deduct	-2.80	
	For 1" x 3" Boards (Stockade Top), Add	3.43	
	For Fastening With Screws Instead Of Nails, Add	1.79	
32 31 29 00-0011	LF Two 2" x 4" Rails, 4' High 1" x 4" #2 Grade Western Cedar Board Fence.....	30.72	3.30
	For 1" x 6" Boards, Deduct	-3.03	
	For 1" x 3" Boards (Stockade Top), Add	3.70	
	For Fastening With Screws Instead Of Nails, Add	1.94	
32 31 29 00-0012	LF Three 2" x 4" Rails, 5' High 1" x 4" #2 Grade Western Cedar Board Fence.....	32.77	3.30
	For 1" x 6" Boards, Deduct	-3.18	
	For 1" x 3" Boards (Stockade Top), Add	3.87	
	For Fastening With Screws Instead Of Nails, Add	2.06	
32 31 29 00-0013	LF Three 2" x 4" Rails, 6' High 1" x 4" #2 Grade Western Cedar Board Fence.....	35.02	3.30
	For 1" x 6" Boards, Deduct	-3.34	
	For 1" x 3" Boards (Stockade Top), Add	4.05	
	For Fastening With Screws Instead Of Nails, Add	2.19	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 29 00-0014	LF		Three 2" x 4" Rails, 8' High 1" x 4" #2 Grade Western Cedar Board Fence <i>For 1" x 6" Boards, Deduct</i> <i>For 1" x 3" Boards (Stockade Top), Add</i> <i>For Fastening With Screws Instead Of Nails, Add</i>	37.45 -3.52 4.24 2.33	3.30
32 31 29 00-0015	LF		Two 2" x 4" Rails, 3' High 1" x 4" #1 Grade Cedar Board Fence <i>For 1" x 6" Boards, Deduct</i> <i>For 1" x 3" Boards (Stockade Top), Add</i> <i>For Fastening With Screws Instead Of Nails, Add</i>	28.16 -2.80 3.43 1.79	3.30
32 31 29 00-0016	LF		Two 2" x 4" Rails, 4' High 1" x 4" #1 Grade Cedar Board Fence <i>For 1" x 6" Boards, Deduct</i> <i>For 1" x 3" Boards (Stockade Top), Add</i> <i>For Fastening With Screws Instead Of Nails, Add</i>	37.09 -3.28 3.89 2.26	3.30
32 31 29 00-0017	LF		Three 2" x 4" Rails, 5' High 1" x 4" #1 Grade Cedar Board Fence <i>For 1" x 6" Boards, Deduct</i> <i>For 1" x 3" Boards (Stockade Top), Add</i> <i>For Fastening With Screws Instead Of Nails, Add</i>	38.88 -3.42 4.05 2.37	3.30
32 31 29 00-0018	LF		Three 2" x 4" Rails, 6' High 1" x 4" #1 Grade Cedar Board Fence <i>For 1" x 6" Boards, Deduct</i> <i>For 1" x 3" Boards (Stockade Top), Add</i> <i>For Fastening With Screws Instead Of Nails, Add</i>	41.85 -3.62 4.26 2.53	3.30
32 31 29 00-0019	LF		Three 2" x 4" Rails, 8' High 1" x 4" #1 Grade Cedar Board Fence <i>For 1" x 6" Boards, Deduct</i> <i>For 1" x 3" Boards (Stockade Top), Add</i> <i>For Fastening With Screws Instead Of Nails, Add</i>	45.07 -3.82 4.47 2.71	3.30
32 31 29 00-0020			Shadow Box <small>(32 31 29)</small> Note: 1x6" board, 2x4" Rail, 4x4" post.		
32 31 29 00-0021	LF		Shadow Box, 3 - 2" x 4" Rails, 6' High 1" x 6" Pressure Treated Pine <i>For Fastening With Screws Instead Of Nails, Add</i>	57.37 3.21	3.30
32 31 29 00-0022	LF		Shadow Box, 3 - 2" x 4" Rails, 4' High 1" x 4" #1 Cedar <i>For Fastening With Screws Instead Of Nails, Add</i>	72.13 4.02	3.30
32 31 29 00-0023	LF		Shadow Box, 3 - 2" x 4" Rails, 6' High 1" x 4" #1 Cedar <i>For Fastening With Screws Instead Of Nails, Add</i>	78.63 4.36	3.30
32 31 29 00-0024	LF		Shadow Box, 3 - 2" x 4" Rails, 8' High 1" x 4" #1 Cedar <i>For Fastening With Screws Instead Of Nails, Add</i>	84.49 4.68	3.30
32 31 29 00-0025			Open Rail Fence <small>(32 31 29)</small>		
32 31 29 00-0026			Post And Rail Fence, Ranch Style <small>(32 31 29 00-0025)</small>		
32 31 29 00-0027	LF		Post And Rail Fence, 2 Rails, 3' High #1 Cedar <i>For Fastening With Screws Instead Of Nails, Add</i>	26.38 3.21	3.30
32 31 29 00-0028	LF		Post And Rail Fence, 2 Rails, 3' High #2 Cedar <i>For Fastening With Screws Instead Of Nails, Add</i>	20.45 3.43	3.30
32 31 29 00-0029	LF		Post And Rail Fence, 3 Rails, 4' High #1 Cedar <i>For Fastening With Screws Instead Of Nails, Add</i>	31.34 2.53	3.30
32 31 29 00-0030	LF		Post And Rail Fence, 3 Rails, 4' High #2 Cedar <i>For Fastening With Screws Instead Of Nails, Add</i>	22.10 2.71	3.30
32 31 29 00-0031			Split Rail Fence <small>(32 31 29 00-0025)</small>		
32 31 29 00-0032	LF		Split Rail Fence, 2 Rails, 3' High #1 Cedar <i>For Fastening With Screws Instead Of Nails, Add</i>	24.86 3.43	3.30
32 31 29 00-0033	LF		Split Rail Fence, 2 Rails, 3' High #2 Cedar <i>For Fastening With Screws Instead Of Nails, Add</i>	20.39 3.43	3.30
32 31 29 00-0034	LF		Split Rail Fence, 3 Rail, 4' High #1 Cedar <i>For Fastening With Screws Instead Of Nails, Add</i>	28.43 2.53	3.30
32 31 29 00-0035	LF		Split Rail Fence, 3 Rail, 4' High #2 Cedar <i>For Fastening With Screws Instead Of Nails, Add</i>	22.96 2.71	3.30
32 31 29 00-0036			Picket Fence <small>(32 31 29)</small>		
32 31 29 00-0037	LF		Picket Fence, 2 Rail, 3' High, Pressure Treated <i>For Fastening With Screws Instead Of Nails, Add</i>	30.15 1.90	3.30
32 31 29 00-0038	LF		Picket Fence, 2 Rail, 3' High #1 Cedar <i>For Fastening With Screws Instead Of Nails, Add</i>	28.11 1.80	3.30
32 31 29 00-0039			Wood Fence Post Accessories <small>(32 31 29)</small>		
32 31 29 00-0040	EA		3-1/2" x 3-1/2" Copper, Pyramid Slip Over, Wood Fence Post Cap <i>For Fastening With Screws Instead Of Nails, Add</i>	43.11 3.43	
32 31 29 00-0041	EA		4" x 4" Copper, Pyramid Slip Over, Wood Fence Post Cap <i>For Fastening With Screws Instead Of Nails, Add</i>	48.51 3.43	
32 31 29 00-0042	EA		6" x 6" Copper, Pyramid Slip Over, Wood Fence Post Cap <i>For Fastening With Screws Instead Of Nails, Add</i>	52.78 3.43	
32 31 29 00-0043	EA		8" x 8" Copper, Pyramid Slip Over, Wood Fence Post Cap <i>For Fastening With Screws Instead Of Nails, Add</i>	78.65 3.43	
32 31 29 00-0044			Wood Gate <small>(32 31 29)</small>		
32 31 29 00-0045			Board Fence Gates, Pressure Treated Wood <small>(32 31 29 00-0044)</small> Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (treated lumber).		
32 31 29 00-0046	EA		3' To 5' High x 3' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware <i>For Fastening With Screws Instead Of Nails, Add</i>	428.11 154.52	133.20
32 31 29 00-0047	EA		3' To 5' High x 3'-6" Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware <i>For Fastening With Screws Instead Of Nails, Add</i>	473.20 154.52	141.20
32 31 29 00-0048	EA		3' To 5' High x 4' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware <i>For Fastening With Screws Instead Of Nails, Add</i>	528.95 154.52	154.52
32 31 29 00-0049	EA		3' To 5' High x 4' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware <i>For Fastening With Screws Instead Of Nails, Add</i>	599.92 154.52	162.50
32 31 29 00-0050	EA		3' To 5' High x 6' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware <i>For Fastening With Screws Instead Of Nails, Add</i>	670.89 154.52	170.49
32 31 29 00-0051	EA		>5' To 8' High x 3' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware <i>For Fastening With Screws Instead Of Nails, Add</i>	545.70 154.52	175.83
32 31 29 00-0052	EA		>5' To 8' High x 3'-6" Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware <i>For Fastening With Screws Instead Of Nails, Add</i>	594.03 154.52	183.81
32 31 29 00-0053	EA		>5' To 8' High x 4' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware <i>For Fastening With Screws Instead Of Nails, Add</i>	642.35 154.52	191.81
32 31 29 00-0054	EA		>5' To 8' High x 5' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware <i>For Fastening With Screws Instead Of Nails, Add</i>	723.02 154.52	199.80
32 31 29 00-0055	EA		>5' To 8' High x 6' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware <i>For Fastening With Screws Instead Of Nails, Add</i>	787.52 154.52	207.79

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

		MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 29 00-0056		Board Fence Gates, Grade 2 Cedar (32 31 29 00-0044)					
		Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (cedar lumber)					
32 31 29 00-0057	EA	3'	To 5'	High x 3'	Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	643.14	103.26
32 31 29 00-0058	EA	3'	To 5'	High x 3'-6"	Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	665.23	109.46
32 31 29 00-0059	EA	3'	To 5'	High x 4'	Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	698.82	119.78
32 31 29 00-0060	EA	3'	To 5'	High x 5'	Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	737.08	125.98
32 31 29 00-0061	EA	3'	To 5'	High x 6'	Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	785.05	132.18
32 31 29 00-0062	EA	>5'	To 8'	High x 3'	Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	757.73	136.30
32 31 29 00-0063	EA	>5'	To 8'	High x 3'-6"	Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	786.29	142.49
32 31 29 00-0064	EA	>5'	To 8'	High x 4'	Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	831.02	148.69
32 31 29 00-0065	EA	>5'	To 8'	High x 5'	Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	875.75	154.88
32 31 29 00-0066	EA	>5'	To 8'	High x 6'	Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	920.49	161.08
32 31 29 00-0067		Board Fence Gates, Grade 1 Cedar (32 31 29 00-0044)					
		Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (cedar lumber)					
32 31 29 00-0068	EA	3'	To 5'	High x 3'	Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	691.65	103.26
32 31 29 00-0069	EA	3'	To 5'	High x 3'-6"	Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	720.21	109.46
32 31 29 00-0070	EA	3'	To 5'	High x 4'	Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	757.03	119.78
32 31 29 00-0071	EA	3'	To 5'	High x 5'	Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	801.76	125.98
32 31 29 00-0072	EA	3'	To 5'	High x 6'	Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	846.50	132.18
32 31 29 00-0073	EA	>5'	To 8'	High x 3'	Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	822.41	136.30
32 31 29 00-0074	EA	>5'	To 8'	High x 3'-6"	Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	850.97	142.49
32 31 29 00-0075	EA	>5'	To 8'	High x 4'	Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	895.71	148.69
32 31 29 00-0076	EA	>5'	To 8'	High x 5'	Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	940.44	154.88
32 31 29 00-0077	EA	>5'	To 8'	High x 6'	Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	1,001.34	161.08
32 31 29 00-0078		Pressure Treated Wood Fence Posts (32 31 29)					
		See CSI section 32 31 13 13-0001 for drilling augering, 32 31 13 13-0641 for barbed wire, 32 31 56 00-0017 for barbed wire.					
32 31 29 00-0079	EA	4'	High, Pressure Treated Wood Fence Posts, Set In Soil, Earth Fill.....			40.77	13.32
32 31 29 00-0080	EA	6'	High, Pressure Treated Wood Fence Posts, Set In Soil, Earth Fill.....			45.88	13.32
32 31 29 00-0081	EA	4'	High, Pressure Treated Wood Fence Posts, Set In Concrete			71.85	25.57
32 31 29 00-0082	EA	6'	High, Pressure Treated Wood Fence Posts, Set In Concrete			77.66	25.57
32 31 56 Wild Life Deterrent Fence (32 31)							
32 31 56 00-0001		Barbed Wire Fences (32 31 56)					
		Note: Excludes post holes and fill See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.					
32 31 56 00-0002		Fence Posts (32 31 56 00-0001)					
32 31 56 00-0003		Fence Post Soil, Set In Concrete (32 31 56 00-0002)					
32 31 56 00-0004	EA				Barbed Wire Fence Post, Galvanized Set In Concrete In Soil	97.77	7.56
					<i>For Bracing On Corner Post, End Post And Pull Post, Add</i>	157.93	
32 31 56 00-0005	EA				Barbed Wire Fence Post, Vinyl Coated Set In Concrete In Soil.....	132.26	7.56
					<i>For Bracing On Corner Post, End Post And Pull Post, Add</i>	215.52	
32 31 56 00-0006		Post In Rock (32 31 56 00-0002)					
32 31 56 00-0007	EA				Barbed Wire Fence Post, Galvanized Grouted In Rock.....	96.11	7.56
					<i>For Bracing On Corner Post, End Post And Pull Post, Add</i>	155.44	
32 31 56 00-0008	EA				Barbed Wire Fence Post, Vinyl Coated Grouted In Rock.....	130.60	7.56
					<i>For Bracing On Corner Post, End Post And Pull Post, Add</i>	213.03	
32 31 56 00-0009		Studded Steel T-Posts, Enamel Paint Finish (32 31 56 00-0001)					
		Note: Posts for barb wire, chain link or welded wire mesh.					
32 31 56 00-0010	EA	5'	Studded Steel T-Post, Driven Into Earth			24.68	
32 31 56 00-0011	EA	5'-6"	Studded Steel T-Post, Driven Into Earth			25.28	
32 31 56 00-0012	EA	6'	Studded Steel T-Post, Driven Into Earth			26.47	
32 31 56 00-0013	EA	6'-6"	Studded Steel T-Post, Driven Into Earth			27.66	
32 31 56 00-0014	EA	7'	Studded Steel T-Post, Driven Into Earth			29.24	
32 31 56 00-0015	EA	8'	Studded Steel T-Post, Driven Into Earth			33.02	
32 31 56 00-0016	EA	10'	Studded Steel T-Post, Driven Into Earth			40.51	
32 31 56 00-0017		Barbed Wire (32 31 56 00-0001)					
		Note: Per strand.					
32 31 56 00-0018	LF				Galvanized Barbed Wire For Wild Life Deterrent Fencing, Per Strand	0.84	0.38
32 31 56 00-0019	LF				Vinyl Coated Barbed Wire, For Wild Life Deterrent Fencing, Per Strand.....	0.98	0.38
32 31 56 00-0020		Barbed Wire Fence, Farm Style, With Wood Posts (32 31 56 00-0001)					
		Note: Based on post at 10' centers, two corner post and two pull post per 300 lf.					
32 31 56 00-0021	LF				4'-6" Height, Three (3) Strand Barbed Wire Fence With Wood Posts	11.39	2.45
		Note: Posts at 10' maximum.					

32 32 Retaining Walls (32 30)**32 32 13 Cast-In-Place Concrete Retaining Wall** (32 32)

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

Note: System includes all necessary forms (4 uses), 3000 PSI concrete with an 8" chute, all necessary reinforcing steel, and underdrain. Exposed concrete is patched and rubbed. Excludes initial site grading, subbase preparation or finish grading.

32 32 13 00-0001	Concrete Retaining Walls (32 32 13)		
	Note: System elements include all necessary forms (4 uses), 3000 PSI concrete with an 8" chute, all necessary reinforcing steel, and underdrain. Exposed concrete is patched and rubbed. Excludes initial site grading, subbase preparation or finish grading.		
32 32 13 00-0002	LF 4' High With Base, 10" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	367.49	129.64
	For >3:1 Sloped Soil At Top, Add	9.21	
32 32 13 00-0003	LF 6' High With Base, 10" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	458.98	159.52
	For >3:1 Sloped Soil At Top, Add	11.89	
32 32 13 00-0004	LF 8' High With Base, 10" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	500.41	172.07
	For >3:1 Sloped Soil At Top, Add	13.28	
32 32 13 00-0005	LF 10' High With Base, 13" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	639.18	212.76
	For >3:1 Sloped Soil At Top, Add	18.17	
32 32 13 00-0006	LF 12' High With Base, 14" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	736.83	244.37
	For >3:1 Sloped Soil At Top, Add	21.08	
32 32 13 00-0007	LF 16' High With Base, 16" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	1,064.65	358.51
	For >3:1 Sloped Soil At Top, Add	29.56	
32 32 13 00-0008	LF 20' High With Base, 18" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	1,460.77	494.94
	For >3:1 Sloped Soil At Top, Add	40.02	
32 32 13 00-0009	LF 4' High With Base, 12" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	404.06	141.57
	For >3:1 Sloped Soil At Top, Add	10.28	
32 32 13 00-0010	LF 6' High With Base, 12" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	495.31	170.59
	For >3:1 Sloped Soil At Top, Add	13.11	
32 32 13 00-0011	LF 8' High With Base, 12" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	525.16	177.99
	For >3:1 Sloped Soil At Top, Add	14.38	
32 32 13 00-0012	LF 10' High With Base, 16" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	724.12	238.54
	For >3:1 Sloped Soil At Top, Add	20.99	
32 32 13 00-0013	LF 12' High With Base, 18" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	917.12	306.41
	For >3:1 Sloped Soil At Top, Add	25.87	
32 32 13 00-0014	LF 16' High With Base, 21" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	1,373.89	464.45
	For >3:1 Sloped Soil At Top, Add	37.83	
32 32 13 00-0015	LF 20' High With Base, 24" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	1,938.93	655.59
	For >3:1 Sloped Soil At Top, Add	53.36	

32 32 16 Precast Concrete Retaining Walls (32 32)

32 32 16 00-0001	Precast Retaining Walls (32 32 16)		
	Note: Tied-back earth walls. Includes precast filter fabric, soil reinforcing mesh and cast-in-place coping. Excludes concrete leveling pad, or select earth excavation and backfill.		
32 32 16 00-0002	SF 10-15' High, Tied-back, Precast Concrete Retaining Walls	92.38	13.24
32 32 16 00-0003	SF 16-20' High, Tied-back, Precast Concrete Retaining Walls	94.92	10.64
32 32 16 00-0004	SF 21-25' High, Tied-back, Precast Concrete Retaining Walls	98.49	8.87
32 32 16 00-0005	SF 26-30' High, Tied-back, Precast Concrete Retaining Walls	106.51	8.87
32 32 16 00-0006	SF >30' High, Tied-back, Precast Concrete Retaining Walls	112.73	7.57

32 32 23 Segmental Retaining Walls (32 32)

32 32 23 13 Segmental Concrete Unit Masonry Retaining Walls (32 32 23)

32 32 23 13-0001	Modular Retaining Wall Systems (32 32 23 13)		
	Note: Includes installation, material and manufacturer's wall design. Includes stone wall, cap stones, #57 stone backing, Geo-Grid (2/3 height of wall), miradrain and fill with earth, and compaction. Includes cap at top, pins, and installation. Excludes initial site grading, subbase preparation or finish grading.		
32 32 23 13-0002	"Amastone" Type Modular Retaining Wall Systems (32 32 23 13-0001)		
32 32 23 13-0003	SF Up To 4' Height "Amastone" Type Modular Retaining Wall System	64.88	8.65
	For >3:1 Sloped Soil At Top, Add	4.05	
32 32 23 13-0004	SF 4 To 8' Height "Amastone" Type Modular Retaining Wall System	68.46	9.10
	For >3:1 Sloped Soil At Top, Add	4.27	
32 32 23 13-0005	SF 8 To 12' Height "Amastone" Type Modular Retaining Wall System	71.41	10.01
	For >3:1 Sloped Soil At Top, Add	4.37	
32 32 23 13-0006	SF 12 To 16' Height "Amastone" Type Modular Retaining Wall System	74.54	10.93
	For >3:1 Sloped Soil At Top, Add	4.48	
32 32 23 13-0007	"Diamond" Type Modular Retaining Wall Systems (32 32 23 13-0001)		
32 32 23 13-0008	SF Up To 4' Height "Diamond" Type Modular Retaining Wall System	67.37	8.65
	For >3:1 Sloped Soil At Top, Add	4.26	
32 32 23 13-0009	SF 4 To 8' Height "Diamond" Type Modular Retaining Wall System	70.94	9.10
	For >3:1 Sloped Soil At Top, Add	4.48	
32 32 23 13-0010	SF 8 To 12' Height "Diamond" Type Modular Retaining Wall System	73.90	10.01
	For >3:1 Sloped Soil At Top, Add	4.58	
32 32 23 13-0011	SF 12 To 16' Height "Diamond" Type Modular Retaining Wall System	77.03	10.93
	For >3:1 Sloped Soil At Top, Add	4.69	
32 32 23 13-0012	"Keystone" Type Modular Retaining Wall Systems (32 32 23 13-0001)		
32 32 23 13-0013	SF Up To 4' Height "Keystone" Type Modular Retaining Wall System	73.31	8.65
	For >3:1 Sloped Soil At Top, Add	4.76	
32 32 23 13-0014	SF 4 To 8' Height "Keystone" Type Modular Retaining Wall System	76.89	9.10
	For >3:1 Sloped Soil At Top, Add	4.99	
32 32 23 13-0015	SF 8 To 12' Height "Keystone" Type Modular Retaining Wall System	79.84	10.01
	For >3:1 Sloped Soil At Top, Add	5.08	
32 32 23 13-0016	SF 12 To 16' Height "Keystone" Type Modular Retaining Wall System	82.97	10.93
	For >3:1 Sloped Soil At Top, Add	5.20	

32 Exterior Improvements**32 30 Site Improvements****32 32 Retaining Walls**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

		TOTAL DIRECT	DEMOLITION
		UNIT COST	UNIT COST
32 32 23 13-0017 "Criblock" Type Modular Retaining Wall Systems (32 32 23 13-0001)			
32 32 23 13-0018	SF Up To 4' Height "Criblock" Type Modular Retaining Wall System	64.88	8.65
	<i>For Gravel Backfill Instead Of Earth, Add</i>	0.25	
	<i>For >3:1 Sloped Soil At Top, Add</i>	4.05	
32 32 23 13-0019	SF 4 To 8' Height "Criblock" Type Modular Retaining Wall System	68.46	9.10
	<i>For Gravel Backfill Instead Of Earth, Add</i>	0.25	
	<i>For >3:1 Sloped Soil At Top, Add</i>	4.27	
32 32 23 13-0020	SF 8 To 12' Height "Criblock" Type Modular Retaining Wall System	71.41	10.01
	<i>For Gravel Backfill Instead Of Earth, Add</i>	0.25	
	<i>For >3:1 Sloped Soil At Top, Add</i>	4.37	
32 32 23 13-0021	SF 12 To 16' Height "Criblock" Type Modular Retaining Wall System	74.54	10.93
	<i>For Gravel Backfill Instead Of Earth, Add</i>	0.25	
	<i>For >3:1 Sloped Soil At Top, Add</i>	4.48	
32 32 23 13-0022 "Versa-Lok" Type Modular Retaining Wall Systems (32 32 23 13-0001)			
32 32 23 13-0023	SF Up To 4' Height "Versa-Lok" Type Modular Retaining Wall System	57.33	8.65
	<i>For >3:1 Sloped Soil At Top, Add</i>	3.40	
32 32 23 13-0024	SF 4 To 8' Height "Versa-Lok" Type Modular Retaining Wall System	63.40	9.10
	<i>For >3:1 Sloped Soil At Top, Add</i>	3.84	
32 32 23 13-0025	SF 8 To 12' Height "Versa-Lok" Type Modular Retaining Wall System	66.40	10.01
	<i>For >3:1 Sloped Soil At Top, Add</i>	3.94	
32 32 23 13-0026	SF 12 To 16' Height "Versa-Lok" Type Modular Retaining Wall System	69.06	10.93
	<i>For >3:1 Sloped Soil At Top, Add</i>	4.01	
32 32 23 13-0027 Retaining Wall Cap Block Restoration (32 32 23 13-0001)			
Note: Includes removal of existing cap block and installation of new cap block to match.			
32 32 23 13-0028	LF Removal And Reinstall Retaining Wall Cap Block And Pins	33.27	
	<i>For >3:1 Sloped Soil At Top, Add</i>	1.73	
32 32 26 Metal Crib Retaining Walls (32 32)			
32 32 26 00-0001 Aluminized Steel Bin (32 32 26)			
Note: Excludes excavation and backfill.			
32 32 26 00-0002	SF 4' High, 5.5' Deep Aluminized Steel Bin	49.67	4.80
	<i>For Galvanized Type, Deduct</i>	-4.01	
	<i>For >3:1 Sloped Soil At Top, Add</i>	3.41	
32 32 26 00-0003	SF 8' High, 5.5' Deep Aluminized Steel Bin	55.84	4.80
	<i>For Galvanized Type, Deduct</i>	-4.62	
	<i>For >3:1 Sloped Soil At Top, Add</i>	3.92	
32 32 26 00-0004	SF 10' High, 7.7' Deep Aluminized Steel Bin	59.61	5.24
	<i>For Galvanized Type, Deduct</i>	-4.92	
	<i>For >3:1 Sloped Soil At Top, Add</i>	4.18	
32 32 26 00-0005	SF 12' High, 7.7' Deep Aluminized Steel Bin	67.92	5.92
	<i>For Galvanized Type, Deduct</i>	-5.61	
	<i>For >3:1 Sloped Soil At Top, Add</i>	4.77	
32 32 26 00-0006	SF 16' High, 7.7' Deep Aluminized Steel Bin	65.24	6.14
	<i>For Galvanized Type, Deduct</i>	-5.31	
	<i>For >3:1 Sloped Soil At Top, Add</i>	4.51	
32 32 26 00-0007	SF 16' High, 9.9' Deep Aluminized Steel Bin	72.97	6.25
	<i>For Galvanized Type, Deduct</i>	-6.06	
	<i>For >3:1 Sloped Soil At Top, Add</i>	5.15	
32 32 26 00-0008	SF 20' High, 9.9' Deep Aluminized Steel Bin	81.04	6.59
	<i>For Galvanized Type, Deduct</i>	-6.78	
	<i>For >3:1 Sloped Soil At Top, Add</i>	5.76	
32 32 26 00-0009	SF 20' High, 12.1' Deep Aluminized Steel Bin	82.95	6.92
	<i>For Galvanized Type, Deduct</i>	-6.92	
	<i>For >3:1 Sloped Soil At Top, Add</i>	5.88	
32 32 26 00-0010	SF 24' High, 12.1' Deep Aluminized Steel Bin	87.40	6.92
	<i>For Galvanized Type, Deduct</i>	-7.36	
	<i>For >3:1 Sloped Soil At Top, Add</i>	6.25	
32 32 26 00-0011	SF 24' High, 14.3' Deep Aluminized Steel Bin	91.83	7.03
	<i>For Galvanized Type, Deduct</i>	-7.79	
	<i>For >3:1 Sloped Soil At Top, Add</i>	6.62	
32 32 26 00-0012	SF 28' High, 14.3' Deep Aluminized Steel Bin	94.95	7.15
	<i>For Galvanized Type, Deduct</i>	-8.08	
	<i>For >3:1 Sloped Soil At Top, Add</i>	6.86	
32 32 29 Timber Retaining Walls (32 32)			
32 32 29 00-0001 Wood Post Retaining Walls (32 32 29)			
Note: System includes wood posts installed side-by-side to various heights, and underdrain. Excludes initial site grading, subbase preparation or finish grading.			
32 32 29 00-0002	LF 4" x 4", 1' High, Redwood, Wood Post Retaining Walls	79.38	29.07
	<i>For >3:1 Sloped Soil At Top, Add</i>	1.81	
32 32 29 00-0003	LF 4" x 4", 2' High, Redwood, Wood Post Retaining Walls	155.37	56.91
	<i>For >3:1 Sloped Soil At Top, Add</i>	3.54	
32 32 29 00-0004	LF 4" x 4", 1' High, Cedar, Wood Post Retaining Walls	76.66	29.07
	<i>For >3:1 Sloped Soil At Top, Add</i>	1.58	
32 32 29 00-0005	LF 4" x 4", 2' High, Cedar, Wood Post Retaining Walls	150.08	56.91
	<i>For >3:1 Sloped Soil At Top, Add</i>	3.09	
32 32 29 00-0006	LF 4" x 4", 1' High, Pressure Treated Lumber, Wood Post Retaining Walls	82.55	25.39
	<i>For >3:1 Sloped Soil At Top, Add</i>	2.69	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 29 00-0007	LF	4" x 4", 2' High, Pressure Treated Lumber, Wood Post Retaining Walls	.....	161.62	49.67
		<i>For >3:1 Sloped Soil At Top, Add</i>		5.29	
32 32 29 00-0008	LF	4" x 4", 1' High, Creosoted Lumber, Wood Post Retaining Walls	.....	63.11	22.54
		<i>For >3:1 Sloped Soil At Top, Add</i>		1.63	
32 32 29 00-0009	LF	4" x 4", 2' High, Creosoted Lumber, Wood Post Retaining Walls	.....	114.13	40.80
		<i>For >3:1 Sloped Soil At Top, Add</i>		2.77	
32 32 29 00-0010	LF	6" x 6", 2' High, Redwood, Wood Post Retaining Walls	.....	207.50	68.95
		<i>For >3:1 Sloped Soil At Top, Add</i>		5.92	
32 32 29 00-0011	LF	6" x 6", 4' High, Redwood, Wood Post Retaining Walls	.....	409.42	135.14
		<i>For >3:1 Sloped Soil At Top, Add</i>		11.84	
32 32 29 00-0012	LF	6" x 6", 2' High, Cedar, Wood Post Retaining Walls	.....	204.47	68.95
		<i>For >3:1 Sloped Soil At Top, Add</i>		5.66	
32 32 29 00-0013	LF	6" x 6", 4' High, Cedar, Wood Post Retaining Walls	.....	401.85	135.14
		<i>For >3:1 Sloped Soil At Top, Add</i>		11.19	
32 32 29 00-0014	LF	6" x 6", 2' High, Pressure Treated Lumber, Wood Post Retaining Walls	.....	212.99	55.99
		<i>For >3:1 Sloped Soil At Top, Add</i>		8.58	
32 32 29 00-0015	LF	6" x 6", 4' High, Pressure Treated Lumber, Wood Post Retaining Walls	.....	423.11	110.56
		<i>For >3:1 Sloped Soil At Top, Add</i>		17.16	
32 32 29 00-0016	LF	6" x 6", 2' High, Creosoted Lumber, Wood Post Retaining Walls	.....	141.85	44.78
		<i>For >3:1 Sloped Soil At Top, Add</i>		4.44	
32 32 29 00-0017	LF	6" x 6", 4' High, Creosoted Lumber, Wood Post Retaining Walls	.....	278.89	87.61
		<i>For >3:1 Sloped Soil At Top, Add</i>		8.81	
32 32 29 00-0018	LF	8" x 8", 4' High, Redwood, Wood Post Retaining Walls	.....	506.25	149.41
		<i>For >3:1 Sloped Soil At Top, Add</i>		17.63	
32 32 29 00-0019	LF	8" x 8", 6' High, Redwood, Wood Post Retaining Walls	.....	946.82	278.94
		<i>For >3:1 Sloped Soil At Top, Add</i>		33.07	
32 32 29 00-0020	LF	8" x 8", 4' High, Cedar, Wood Post Retaining Walls	.....	491.12	149.41
		<i>For >3:1 Sloped Soil At Top, Add</i>		16.34	
32 32 29 00-0021	LF	8" x 8", 6' High, Cedar, Wood Post Retaining Walls	.....	918.06	278.94
		<i>For >3:1 Sloped Soil At Top, Add</i>		30.62	
32 32 29 00-0022	LF	8" x 8", 4' High, Pressure Treated Lumber, Wood Post Retaining Walls	.....	584.24	172.37
		<i>For >3:1 Sloped Soil At Top, Add</i>		20.36	
32 32 29 00-0023	LF	8" x 8", 6' High, Pressure Treated Lumber, Wood Post Retaining Walls	.....	1,089.87	321.89
		<i>For >3:1 Sloped Soil At Top, Add</i>		37.92	
32 32 29 00-0024	LF	8" x 8", 4' High, Creosoted Lumber, Wood Post Retaining Walls	.....	403.49	139.32
		<i>For >3:1 Sloped Soil At Top, Add</i>		10.61	
32 32 29 00-0025	LF	8" x 8", 6' High, Creosoted Lumber, Wood Post Retaining Walls	.....	748.38	258.45
		<i>For >3:1 Sloped Soil At Top, Add</i>		19.68	
32 32 29 00-0026	LF	4' High, Cedar, Random Diameter Poles, Wood Post Retaining Walls	.....	152.76	57.42
		<i>For >3:1 Sloped Soil At Top, Add</i>		3.22	
32 32 29 00-0027	LF	6' High, Cedar, Random Diameter Poles, Wood Post Retaining Walls	.....	228.39	86.18
		<i>For >3:1 Sloped Soil At Top, Add</i>		4.76	
32 32 29 00-0028	LF	8' High, Cedar, Random Diameter Poles, Wood Post Retaining Walls	.....	303.92	114.85
		<i>For >3:1 Sloped Soil At Top, Add</i>		6.30	
32 32 29 00-0029	LF	4' High Creosoted Lumber, Random Diameter Poles, Wood Post Retaining Walls	.....	102.02	32.43
		<i>For >3:1 Sloped Soil At Top, Add</i>		3.15	
32 32 29 00-0030	LF	6' High Creosoted Lumber, Random Diameter Poles, Wood Post Retaining Walls	.....	148.15	46.81
		<i>For >3:1 Sloped Soil At Top, Add</i>		4.63	
32 32 29 00-0031	LF	8' High Creosoted Lumber, Random Diameter Poles, Wood Post Retaining Walls	.....	200.57	63.23
		<i>For >3:1 Sloped Soil At Top, Add</i>		6.30	
32 32 29 00-0032		Post And Board Retaining Walls <small>(32 32 29)</small>			
		Note: System includes all the elements that must go into a wall that resists lateral pressure. System elements include posts and boards, cap, underdrain, and deadman where required. Excludes initial site grading, subbase preparation or finish grading.			
32 32 29 00-0033	LF	4" x 4" Post, 4' Spacing, 3' High, 2" Planking, Redwood, Post And Board Retaining Walls	.....	61.94	17.24
		<i>For >3:1 Sloped Soil At Top, Add</i>		2.33	
32 32 29 00-0034	LF	4" x 4" Post, 2' Spacing, 4' High, 2" Planking, Redwood, Post And Board Retaining Walls	.....	95.97	29.48
		<i>For >3:1 Sloped Soil At Top, Add</i>		3.15	
32 32 29 00-0035	LF	6" x 6" Post, 4' Spacing, 5' High 2" Planking, Redwood, Post And Board Retaining Walls	.....	125.48	36.61
		<i>For >3:1 Sloped Soil At Top, Add</i>		4.44	
32 32 29 00-0036	LF	6" x 6" Post, 3' Spacing, 6' High, 2" Planking, Redwood, Post And Board Retaining Walls	.....	175.62	51.91
		<i>For >3:1 Sloped Soil At Top, Add</i>		6.11	
32 32 29 00-0037	LF	6" x 6" With Deadman, 3' Spacing, 8' High, 2" Planking, Redwood, Post And Board Retaining Walls	.....	229.61	67.51
		<i>For >3:1 Sloped Soil At Top, Add</i>		8.04	
32 32 29 00-0038	LF	8" x 8" Post, 2' Spacing, 8' High, 2" Planking, Redwood, Post And Board Retaining Walls	.....	470.02	133.61
		<i>For >3:1 Sloped Soil At Top, Add</i>		17.24	
32 32 29 00-0039	LF	8" x 8" With Deadman, 2' Spacing, 9' High, 2" Planking, Redwood, Post And Board Retaining Walls	.....	530.52	147.99
		<i>For >3:1 Sloped Soil At Top, Add</i>		19.94	
32 32 29 00-0040	LF	4" x 4" Post, 4' Spacing, 3' High, 2" Planking, Cedar, Post And Board Retaining Walls	.....	63.01	17.95
		<i>For >3:1 Sloped Soil At Top, Add</i>		2.30	
32 32 29 00-0041	LF	4" x 4" With Deadman, 2' Spacing, 4' High 2" Planking, Cedar, Post And Board Retaining Walls	.....	110.70	31.92
		<i>For >3:1 Sloped Soil At Top, Add</i>		3.99	
32 32 29 00-0042	LF	6" x 6" Post, 4' Spacing, 4' High 2" Planking, Cedar, Post And Board Retaining Walls	.....	108.80	31.31
		<i>For >3:1 Sloped Soil At Top, Add</i>		3.92	
32 32 29 00-0043	LF	6" x 6" Post, 3' Spacing, 5' High 2" Planking, Cedar, Post And Board Retaining Walls	.....	152.74	44.98
		<i>For >3:1 Sloped Soil At Top, Add</i>		5.34	
32 32 29 00-0044	LF	6" x 6" Post, 2' Spacing, 6' High 2" Planking, Cedar, Post And Board Retaining Walls	.....	238.25	71.81
		<i>For >3:1 Sloped Soil At Top, Add</i>		8.04	
32 32 29 00-0045	LF	6 x 6 Post With Deadman, 3' Spacing, 6' High, 2" Planking, Cedar	.....	188.27	55.18
		<i>For >3:1 Sloped Soil At Top, Add</i>		6.63	
32 32 29 00-0046	LF	8 x 8 Post With Deadman, 2' Spacing, 8' High, 2" Planking, Cedar	.....	486.14	137.89
		<i>For >3:1 Sloped Soil At Top, Add</i>		17.88	
32 32 29 00-0047	LF	4 x 4 Post, 4' Spacing, 3' High 2" Planking, Pressure Treated	.....	81.88	33.14
		<i>For >3:1 Sloped Soil At Top, Add</i>		1.32	
32 32 29 00-0048	LF	4 x 4 Post, 3' Spacing, 4' High 2" Planking, Pressure Treated	.....	118.24	47.12
		<i>For >3:1 Sloped Soil At Top, Add</i>		2.04	

32 Exterior Improvements**32 30 Site Improvements****32 32 Retaining Walls**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 32 29 00-0049	LF	4 x 4 Post With Deadman, 2' Space, 5' High, 2" Planking, Pressure Treat	170.89	64.66
		<i>For >3:1 Sloped Soil At Top, Add</i>	3.54	
32 32 29 00-0050	LF	6 x 6 Post, 3' Spacing, 6' High, 2" Planking, Pressure Treated	299.29	109.13
		<i>For >3:1 Sloped Soil At Top, Add</i>	6.88	
32 32 29 00-0051	LF	6 x 6 Post, 2' Spacing, 7' High, 2" Planking, Pressure Treated	303.07	109.13
		<i>For >3:1 Sloped Soil At Top, Add</i>	7.20	
32 32 29 00-0052	LF	6 x 6 Post With Deadman, 3' Spacing 8' High, 2" Planking, Pressure Treat	285.42	104.85
		<i>For >3:1 Sloped Soil At Top, Add</i>	6.43	
32 32 29 00-0053	LF	8 x 8 Post With Deadman, 2' Spacing 10' High, 2" Planking, Pressure Treated	670.03	241.21
		<i>For >3:1 Sloped Soil At Top, Add</i>	15.95	
32 32 29 00-0054	LF	4 x 4 Post, 4' Spacing, 3' High Creosoted 2" Planking	81.88	33.14
		<i>For >3:1 Sloped Soil At Top, Add</i>	1.32	
32 32 29 00-0055	LF	4 x 4 Post, 3' Spacing, 4' High Creosoted, 2" Planking	118.24	47.12
		<i>For >3:1 Sloped Soil At Top, Add</i>	2.04	
32 32 29 00-0056	LF	4 x 4 Post With Deadman, 2' Spacing, 5' High, Creosoted, 2" Planking	170.89	64.66
		<i>For >3:1 Sloped Soil At Top, Add</i>	3.54	
32 32 29 00-0057	LF	6 x 6 Post, 3' Spacing, 6' High Creosoted, 2" Planking	214.60	80.47
		<i>For >3:1 Sloped Soil At Top, Add</i>	4.57	
32 32 29 00-0058	LF	6" x 6" Post, 2' Spacing, 7' High, 2" Planking, Creosoted, Post And Board Retaining Walls	299.29	109.13
		<i>For >3:1 Sloped Soil At Top, Add</i>	6.88	
32 32 29 00-0059	LF	6" x 6" Post With Deadman, 3' Spacing, 8' High, 2" Planking, Creosoted, Post And Board Retaining Walls	285.42	104.85
		<i>For >3:1 Sloped Soil At Top, Add</i>	6.43	
32 32 29 00-0060	LF	8" x 8" Post With Deadman, 2' Spacing, 10' High, Creosoted, 2" Planking, Post And Board Retaining Walls	670.03	241.21
		<i>For >3:1 Sloped Soil At Top, Add</i>	15.95	

32 32 29 00-0061 Wood Tie Retaining Walls, Rod Connector At 4' (32 32 29)

Note: The system includes all the elements that must go into a wall that resists lateral pressure. System elements include: wood ties, threaded rod (1/2" diameter), underdrain, and deadman where required. Excludes initial site grading, subbase preparation or finish grading.

32 32 29 00-0062 Redwood (32 32 29 00-0061)

32 32 29 00-0063	LF	2' High, 6" x 6" Wood Tie Wall	106.99	35.29
		<i>For >3:1 Sloped Soil At Top, Add</i>	3.09	
32 32 29 00-0064	LF	4' High, 6" x 6" Wood Tie Wall Deadman At 6'	244.12	80.47
		<i>For >3:1 Sloped Soil At Top, Add</i>	7.08	
32 32 29 00-0065	LF	6' High, 6" x 6" Wood Tie Wall Deadman At 6'	365.49	120.66
		<i>For >3:1 Sloped Soil At Top, Add</i>	10.55	
32 32 29 00-0066	LF	4' High, 8" x 8" Wood Tie Wall Deadman At 6'	350.60	103.42
		<i>For >3:1 Sloped Soil At Top, Add</i>	12.22	
32 32 29 00-0067	LF	6' High, 8" x 8" Wood Tie Wall Deadman At 6'	526.79	155.13
		<i>For >3:1 Sloped Soil At Top, Add</i>	18.40	
32 32 29 00-0068	LF	8' High, 8" x 8" Wood Tie Wall Deadman At 6'	695.50	203.98
		<i>For >3:1 Sloped Soil At Top, Add</i>	24.45	

32 32 29 00-0069 Cedar (32 32 29 00-0061)

32 32 29 00-0070	LF	2' High, 6" x 6" Wood Tie Wall	105.47	35.29
		<i>For >3:1 Sloped Soil At Top, Add</i>	2.96	
32 32 29 00-0071	LF	4' High, 6" x 6" Wood Tie Wall Deadman At 6'	239.58	80.47
		<i>For >3:1 Sloped Soil At Top, Add</i>	6.69	
32 32 29 00-0072	LF	6' High, 6" x 6" Wood Tie Wall Deadman At 6'	359.43	120.66
		<i>For >3:1 Sloped Soil At Top, Add</i>	10.04	
32 32 29 00-0073	LF	4' High, 8" x 8" Wood Tie Wall Deadman At 6'	340.01	103.42
		<i>For >3:1 Sloped Soil At Top, Add</i>	11.32	
32 32 29 00-0074	LF	6' High, 8" x 8" Wood Tie Wall Deadman At 6'	511.65	155.13
		<i>For >3:1 Sloped Soil At Top, Add</i>	17.11	
32 32 29 00-0075	LF	8' High, 8" x 8" Wood Tie Wall Deadman At 6'	674.31	203.98
		<i>For >3:1 Sloped Soil At Top, Add</i>	22.64	

32 32 29 00-0076 Pressure Treated Wood (32 32 29 00-0061)

32 32 29 00-0077	LF	2' High, 6" x 6" Wood Tie Wall	92.46	29.16
		<i>For >3:1 Sloped Soil At Top, Add</i>	2.90	
32 32 29 00-0078	LF	4' High, 6" x 6" Wood Tie Wall Deadman At 6'	210.10	66.09
		<i>For >3:1 Sloped Soil At Top, Add</i>	6.63	
32 32 29 00-0079	LF	6' High, 6" x 6" Wood Tie Wall Deadman At 6'	314.76	99.14
		<i>For >3:1 Sloped Soil At Top, Add</i>	9.91	
32 32 29 00-0080	LF	4' High, 8" x 8" Wood Tie Wall Deadman At 6'	345.07	119.22
		<i>For >3:1 Sloped Soil At Top, Add</i>	9.07	
32 32 29 00-0081	LF	6' High, 8" x 8" Wood Tie Wall Deadman At 6'	518.23	178.18
		<i>For >3:1 Sloped Soil At Top, Add</i>	13.77	
32 32 29 00-0082	LF	8' High, 8" x 8" Wood Tie Wall Deadman At 6'	687.20	236.93
		<i>For >3:1 Sloped Soil At Top, Add</i>	18.14	

32 32 53 Stone Retaining Walls (32 32)**32 32 53 00-0001 Stone Retaining Walls** (32 32 53)

Note: Construction is either dry set or mortar set. System includes concrete base, crushed stone, underdrain, and backfill. Standard design to have 12" thick top with vertical backside and sloped face at 2" per foot of height. Excludes initial site grading, subbase preparation or finish grading.

32 32 53 00-0002 Stone Retaining Walls (32 32 53 00-0001)

Note: Stone at \$16.00/ton.

32 32 53 00-0003	LF	\$16.00/ton 3' High Stone Retaining Wall, Dry Set	458.92	204.95
		<i>For >3:1 Sloped Soil At Top, Add</i>	4.16	
32 32 53 00-0004	LF	\$16.00/ton 4' High Stone Retaining Wall, Dry Set	541.19	243.82
		<i>For >3:1 Sloped Soil At Top, Add</i>	4.55	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 53 00-0005	LF		\$16.00/ton 6' High Stone Retaining Wall, Dry Set	710.45	323.94
			<i>For >3:1 Sloped Soil At Top, Add</i>	5.32	
32 32 53 00-0006	LF		\$16.00/ton 8' High Stone Retaining Wall, Dry Set	1,093.87	506.49
			<i>For >3:1 Sloped Soil At Top, Add</i>	6.87	
32 32 53 00-0007	LF		\$16.00/ton 10' High Stone Retaining Wall, Dry Set	1,420.76	662.55
			<i>For >3:1 Sloped Soil At Top, Add</i>	8.13	
32 32 53 00-0008	LF		\$16.00/ton 12' High Stone Retaining Wall, Dry Set	1,762.88	825.07
			<i>For >3:1 Sloped Soil At Top, Add</i>	9.58	
32 32 53 00-0009	LF		\$16.00/ton 3' High Stone Retaining Wall, Mortar Set.....	411.85	181.45
			<i>For >3:1 Sloped Soil At Top, Add</i>	4.16	
32 32 53 00-0010	LF		\$16.00/ton 4' High Stone Retaining Wall, Mortar Set.....	482.92	214.69
			<i>For >3:1 Sloped Soil At Top, Add</i>	4.55	
32 32 53 00-0011	LF		\$16.00/ton 6' High Stone Retaining Wall, Mortar Set.....	624.44	280.87
			<i>For >3:1 Sloped Soil At Top, Add</i>	5.32	
32 32 53 00-0012	LF		\$16.00/ton 8' High Stone Retaining Wall, Mortar Set.....	955.42	437.29
			<i>For >3:1 Sloped Soil At Top, Add</i>	6.87	
32 32 53 00-0013	LF		\$16.00/ton 10' High Stone Retaining Wall, Mortar Set.....	1,226.55	565.49
			<i>For >3:1 Sloped Soil At Top, Add</i>	8.13	
32 32 53 00-0014	LF		\$16.00/ton 12' High Stone Retaining Wall, Mortar Set.....	1,523.33	705.34
			<i>For >3:1 Sloped Soil At Top, Add</i>	9.58	
32 32 53 00-0015 Stone Retaining Walls (32 32 53 00-0001)					
			Note: Stone at \$32.00/ton.		
32 32 53 00-0016	LF		\$32.00/ton 3' High Stone Retaining Wall, Dry Set	473.71	204.95
			<i>For >3:1 Sloped Soil At Top, Add</i>	5.42	
32 32 53 00-0017	LF		\$32.00/ton 4' High Stone Retaining Wall, Dry Set	561.68	243.82
			<i>For >3:1 Sloped Soil At Top, Add</i>	6.29	
32 32 53 00-0018	LF		\$32.00/ton 6' High Stone Retaining Wall, Dry Set	740.05	323.94
			<i>For >3:1 Sloped Soil At Top, Add</i>	7.84	
32 32 53 00-0019	LF		\$32.00/ton 8' High Stone Retaining Wall, Dry Set	1,137.12	506.49
			<i>For >3:1 Sloped Soil At Top, Add</i>	10.55	
32 32 53 00-0020	LF		\$32.00/ton 10' High Stone Retaining Wall, Dry Set	1,479.95	662.55
			<i>For >3:1 Sloped Soil At Top, Add</i>	13.16	
32 32 53 00-0021	LF		\$32.00/ton 12' High Stone Retaining Wall, Dry Set	1,838.00	825.07
			<i>For >3:1 Sloped Soil At Top, Add</i>	15.96	
32 32 53 00-0022	LF		\$32.00/ton 3' High Stone Retaining Wall, Mortar Set.....	426.64	181.45
			<i>For >3:1 Sloped Soil At Top, Add</i>	5.42	
32 32 53 00-0023	LF		\$32.00/ton 4' High Stone Retaining Wall, Mortar Set.....	503.41	214.69
			<i>For >3:1 Sloped Soil At Top, Add</i>	6.29	
32 32 53 00-0024	LF		\$32.00/ton 6' High Stone Retaining Wall, Mortar Set.....	654.04	280.87
			<i>For >3:1 Sloped Soil At Top, Add</i>	7.84	
32 32 53 00-0025	LF		\$32.00/ton 8' High Stone Retaining Wall, Mortar Set.....	998.67	437.29
			<i>For >3:1 Sloped Soil At Top, Add</i>	10.55	
32 32 53 00-0026	LF		\$32.00/ton 10' High Stone Retaining Wall, Mortar Set.....	1,285.74	565.49
			<i>For >3:1 Sloped Soil At Top, Add</i>	13.16	
32 32 53 00-0027	LF		\$32.00/ton 12' High Stone Retaining Wall, Mortar Set.....	1,598.45	705.34
			<i>For >3:1 Sloped Soil At Top, Add</i>	15.96	
32 32 53 00-0028 Stone Retaining Walls (32 32 53 00-0001)					
			Note: Stone at \$48.00/ton.		
32 32 53 00-0029	LF		\$48.00/ton 3' High Stone Retaining Wall, Dry Set	489.65	204.95
			<i>For >3:1 Sloped Soil At Top, Add</i>	6.77	
32 32 53 00-0030	LF		\$48.00/ton 4' High Stone Retaining Wall, Dry Set	581.94	243.82
			<i>For >3:1 Sloped Soil At Top, Add</i>	8.01	
32 32 53 00-0031	LF		\$48.00/ton 6' High Stone Retaining Wall, Dry Set	768.51	323.94
			<i>For >3:1 Sloped Soil At Top, Add</i>	10.26	
32 32 53 00-0032	LF		\$48.00/ton 8' High Stone Retaining Wall, Dry Set	1,180.38	506.49
			<i>For >3:1 Sloped Soil At Top, Add</i>	14.22	
32 32 53 00-0033	LF		\$48.00/ton 10' High Stone Retaining Wall, Dry Set	1,539.14	662.55
			<i>For >3:1 Sloped Soil At Top, Add</i>	18.19	
32 32 53 00-0034	LF		\$48.00/ton 12' High Stone Retaining Wall, Dry Set	1,914.27	825.07
			<i>For >3:1 Sloped Soil At Top, Add</i>	22.45	
32 32 53 00-0035	LF		\$48.00/ton 3' High Stone Retaining Wall, Mortar Set.....	442.58	181.45
			<i>For >3:1 Sloped Soil At Top, Add</i>	6.77	
32 32 53 00-0036	LF		\$48.00/ton 4' High Stone Retaining Wall, Mortar Set.....	523.90	214.69
			<i>For >3:1 Sloped Soil At Top, Add</i>	8.03	
32 32 53 00-0037	LF		\$48.00/ton 6' High Stone Retaining Wall, Mortar Set.....	682.50	280.87
			<i>For >3:1 Sloped Soil At Top, Add</i>	10.26	
32 32 53 00-0038	LF		\$48.00/ton 8' High Stone Retaining Wall, Mortar Set.....	1,041.93	437.29
			<i>For >3:1 Sloped Soil At Top, Add</i>	14.22	
32 32 53 00-0039	LF		\$48.00/ton 10' High Stone Retaining Wall, Mortar Set.....	1,344.93	565.49
			<i>For >3:1 Sloped Soil At Top, Add</i>	18.19	
32 32 53 00-0040	LF		\$48.00/ton 12' High Stone Retaining Wall, Mortar Set.....	1,674.72	705.34
			<i>For >3:1 Sloped Soil At Top, Add</i>	22.45	
32 32 53 00-0041 Stone Retaining Walls (32 32 53 00-0001)					
			Note: Stone at \$64.00/ton.		
32 32 53 00-0042	LF		\$64.00/ton 3' High Stone Retaining Wall, Dry Set	505.58	204.95
			<i>For >3:1 Sloped Soil At Top, Add</i>	8.13	
32 32 53 00-0043	LF		\$64.00/ton 4' High Stone Retaining Wall, Dry Set	579.89	243.82
			<i>For >3:1 Sloped Soil At Top, Add</i>	7.84	
32 32 53 00-0044	LF		\$64.00/ton 6' High Stone Retaining Wall, Dry Set	799.24	323.94
			<i>For >3:1 Sloped Soil At Top, Add</i>	12.87	
32 32 53 00-0045	LF		\$64.00/ton 8' High Stone Retaining Wall, Dry Set	1,225.91	506.49
			<i>For >3:1 Sloped Soil At Top, Add</i>	18.09	

32 Exterior Improvements**32 30 Site Improvements****32 32 Retaining Walls**
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32 32 53 00-0046	LF	\$64.00/ton 10' High Stone Retaining Wall, Dry Set.....	1,600.61	662.55
		<i>For >3:1 Sloped Soil At Top, Add</i>	23.41	
32 32 53 00-0047	LF	\$64.00/ton 12' High Stone Retaining Wall, Dry Set.....	1,991.67	825.07
		<i>For >3:1 Sloped Soil At Top, Add</i>	29.03	
32 32 53 00-0048	LF	\$64.00/ton 3' High Stone Retaining Wall, Mortar Set.....	458.51	181.45
		<i>For >3:1 Sloped Soil At Top, Add</i>	8.13	
32 32 53 00-0049	LF	\$64.00/ton 4' High Stone Retaining Wall, Mortar Set.....	544.39	214.69
		<i>For >3:1 Sloped Soil At Top, Add</i>	9.77	
32 32 53 00-0050	LF	\$64.00/ton 6' High Stone Retaining Wall, Mortar Set.....	713.23	280.87
		<i>For >3:1 Sloped Soil At Top, Add</i>	12.87	
32 32 53 00-0051	LF	\$64.00/ton 8' High Stone Retaining Wall, Mortar Set.....	1,087.46	437.29
		<i>For >3:1 Sloped Soil At Top, Add</i>	18.09	
32 32 53 00-0052	LF	\$64.00/ton 10' High Stone Retaining Wall, Mortar Set.....	1,406.40	565.49
		<i>For >3:1 Sloped Soil At Top, Add</i>	23.41	
32 32 53 00-0053	LF	\$64.00/ton 12' High Stone Retaining Wall, Mortar Set.....	1,752.12	705.34
		<i>For >3:1 Sloped Soil At Top, Add</i>	29.03	

32 33 Site Furnishings (32 30)**32 33 13 Site Bicycle Racks** (32 33)

32 33 13 00-0001 Bicycle Organizer And Rack (32 33 13)

32 33 13 00-0002 Vertical Style Bike Racks Single/Double Sided, Galvanized (32 33 13 00-0001)

32 33 13 00-0003 Double Sided (32 33 13 00-0002)

32 33 13 00-0004	EA	5' Galvanized Steel Double Sided Bike Rack, 9 Bikes.....	686.50	115.67
32 33 13 00-0005	EA	10' Galvanized Steel Double Sided Bike Rack, 18 Bikes.....	1,034.59	190.04
32 33 13 00-0006	EA	20' Galvanized Steel Double Sided Bike Rack, 36 Bikes.....	1,784.30	289.20

32 33 13 00-0007 Single Sided (32 33 13 00-0002)

32 33 13 00-0008	EA	5' Galvanized Steel Single Sided Bike Rack, 5 Bikes.....	600.91	103.29
32 33 13 00-0009	EA	10' Galvanized Steel Single Sided Bike Rack, 18 Bikes.....	848.70	171.87
32 33 13 00-0010	EA	20' Galvanized Steel Single Sided Bike Rack, 18 Bikes.....	1,456.19	258.21

32 33 13 00-0011 Anchor Set For Vertical Style Bike Rack (32 33 13 00-0002)

32 33 13 00-0012	PR	Anchor Set For Vertical Style Bike Rack.....	117.80	
		Note: Anchoring frame to ground.		

32 33 13 00-0013 Bike Racks Ground Loop (32 33 13 00-0001)

32 33 13 00-0014	EA	83" Ground Loop Bike Rack, Surface Or Wall Mounted, 12 Bikes.....	904.44	202.69
		Note: In-ground mount.		

32 33 13 00-0015 Serpentine Bike Racks (32 33 13 00-0001)

Note: In-ground mount.

32 33 13 00-0016 Galvanized, 36" High, 2-3/8" OD Tubing (32 33 13 00-0015)

32 33 13 00-0017	EA	1' x 3' High Serpentine (M Style) Bike Rack, 3 Bikes, Galvanized.....	498.94	123.94
32 33 13 00-0018	EA	3' x 3' High Serpentine (M Style) Bike Rack, 5 Bikes, Galvanized.....	680.81	134.27
32 33 13 00-0019	EA	5' x 3' High Serpentine (M Style) Bike Rack, 7 Bikes, Galvanized.....	862.69	144.60
32 33 13 00-0020	EA	7' x 3' High Serpentine (M Style) Bike Rack, 9 Bikes, Galvanized.....	1,067.61	154.93
32 33 13 00-0021	EA	9' x 3' High Serpentine (M Style) Bike Rack, 11 Bikes, Galvanized.....	1,272.51	165.25
32 33 13 00-0022	EA	11' x 3' High Serpentine (M Style) Bike Rack, 13 Bikes, Galvanized.....	1,385.30	175.59

32 33 13 00-0023 Galvanized, 42" High, 2-3/8" OD Tubing (32 33 13 00-0015)

32 33 13 00-0024	EA	1' x 42" High Serpentine Bike Rack, 3 Bikes, Galvanized.....	566.46	123.94
32 33 13 00-0025	EA	3' x 42" High Serpentine Bike Rack, 5 Bikes, Galvanized.....	729.49	134.27
32 33 13 00-0026	EA	5' x 42" High Serpentine Bike Rack, 7 Bikes, Galvanized.....	892.53	144.60
32 33 13 00-0027	EA	7' x 42" High Serpentine Bike Rack, 9 Bikes, Galvanized.....	1,037.77	154.93
32 33 13 00-0028	EA	9' x 42" High Serpentine Bike Rack, 11 Bikes, Galvanized.....	1,200.80	165.25
32 33 13 00-0029	EA	11' x 42" High Serpentine Bike Rack, 13 Bikes, Galvanized.....	1,399.43	175.59

32 33 13 00-0030 Powder Coated, 36" High, 2-3/8" OD Tubing (32 33 13 00-0015)

32 33 13 00-0031	EA	1' x 3' High Serpentine (M Style) Bike Rack, 3 Bikes, Powder Coated.....	498.94	123.94
32 33 13 00-0032	EA	3' x 3' High Serpentine (M Style) Bike Rack, 5 Bikes, Powder Coated.....	680.81	134.27
32 33 13 00-0033	EA	5' x 3' High Serpentine (M Style) Bike Rack, 7 Bikes, Powder Coated.....	862.69	144.60
32 33 13 00-0034	EA	7' x 3' High Serpentine (M Style) Bike Rack, 9 Bikes, Powder Coated.....	1,067.61	154.93
32 33 13 00-0035	EA	9' x 3' High Serpentine (M Style) Bike Rack, 11 Bikes, Powder Coated.....	1,272.51	165.25
32 33 13 00-0036	EA	11' x 3' High Serpentine (M Style) Bike Rack, 13 Bikes, Powder Coated.....	1,385.30	175.59

32 33 13 00-0037 Powder Coated, 42" High, 2-3/8" OD Tubing (32 33 13 00-0015)

32 33 13 00-0038	EA	1' x 42" High Serpentine Bike Rack, 3 Bikes, Powder Coated.....	584.26	123.94
32 33 13 00-0039	EA	3' x 42" High Serpentine Bike Rack, 5 Bikes, Powder Coated.....	765.08	134.27
32 33 13 00-0040	EA	5' x 42" High Serpentine Bike Rack, 7 Bikes, Powder Coated.....	928.12	144.60
32 33 13 00-0041	EA	7' x 42" High Serpentine Bike Rack, 9 Bikes, Powder Coated.....	1,126.76	154.93
32 33 13 00-0042	EA	9' x 42" High Serpentine Bike Rack, 11 Bikes, Powder Coated.....	1,289.78	165.25
32 33 13 00-0043	EA	11' x 42" High Serpentine Bike Rack, 13 Bikes, Powder Coated.....	1,506.21	175.59

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 33 13 00-0044 Stainless Steel, 36" High, 2-3/8" OD Tubing (32 33 13 00-0015)			
32 33 13 00-0045	EA 1' x 36" High Serpentine Bike Rack, 3 Bikes, Stainless Steel	952.64	123.94
32 33 13 00-0046	EA 3' x 36" High Serpentine Bike Rack, 5 Bikes, Stainless Steel	1,425.87	134.27
32 33 13 00-0047	EA 5' x 36" High Serpentine Bike Rack, 7 Bikes, Stainless Steel	1,899.12	144.60
32 33 13 00-0048	EA 7' x 36" High Serpentine Bike Rack, 9 Bikes, Stainless Steel	2,437.04	154.93
32 33 13 00-0049	EA 9' x 36" High Serpentine Bike Rack, 11 Bikes, Stainless Steel	2,974.92	165.25
32 33 13 00-0050	EA 11' x 36" High Serpentine Bike Rack, 13 Bikes, Stainless Steel	3,254.20	175.59

32 33 13 00-0051 Stainless Steel, 42" High, 2-3/8" OD Tubing (32 33 13 00-0015)			
32 33 13 00-0052	EA 1' x 42" High Serpentine Bike Rack, 3 Bikes, Stainless Steel	744.43	123.94
32 33 13 00-0053	EA 3' x 42" High Serpentine Bike Rack, 5 Bikes, Stainless Steel	1,654.95	134.27
32 33 13 00-0054	EA 5' x 42" High Serpentine Bike Rack, 7 Bikes, Stainless Steel	2,173.93	144.60
32 33 13 00-0055	EA 7' x 42" High Serpentine Bike Rack, 9 Bikes, Stainless Steel	2,657.32	154.93
32 33 13 00-0056	EA 9' x 42" High Serpentine Bike Rack, 11 Bikes, Stainless Steel	3,158.50	165.25
32 33 13 00-0057	EA 11' x 42" High Serpentine Bike Rack, 13 Bikes, Stainless Steel	3,677.49	175.59

32 33 13 00-0058 Bike Racks Bollards/Bicycle Posts (32 33 13 00-0001)			
Note: In-ground mount.			
32 33 13 00-0059	EA 43" Overall Height, 4-1/2" Outside Diameter Bollard/Bicycle Post, 2 Loop Galvanized Steel Bollard (Belson BOL450-2R-IG-G)	600.34	92.96

32 33 23 Site Trash and Litter Receptacles (32 33)

32 33 23 00-0001 Steel Trash Containment (32 33 23)			
32 33 23 00-0002 Steel Frame Surrounded With Kiln-Dried Wood (32 33 23 00-0001)			
32 33 23 00-0003	EA 13" x 13" x 30" Ash Receptacle Steel Frame, Kiln Dried Wood	518.36	49.32
32 33 23 00-0004	EA 24" x 24" x 30" High Open Top Trash Container Steel Frame, Kiln Dried Wood	494.32	49.32
32 33 23 00-0005	EA 21" x 21" x 31" High Flat Top Trash Container Steel Frame, Kiln Dried Wood	494.32	49.32
32 33 23 00-0006	EA 24" x 24" x 31" High, Flat Top Trash Container Steel Frame, Kiln Dried Wood	467.27	49.32
32 33 23 00-0007	EA 18" x 18" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood	518.36	49.32
32 33 23 00-0008	EA 23" x 23" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood	467.27	49.32
32 33 23 00-0009	EA 24" x 24" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood	644.60	49.32

32 33 23 00-0010 Square Steel Frames Surrounded With Flat Steel (32 33 23 00-0001)			
32 33 23 00-0011	EA 26" Diameter x 34" High Open Top Trash Square Container Steel Frame, Flat Steel Surround	947.07	49.32
32 33 23 00-0012	EA 26" Diameter x 34" High Dome Top Trash Square Container Steel Frame, Flat Steel Surround	1,023.45	49.32
32 33 23 00-0013	EA 26" Diameter x 39" High Dome Top Trash Square Container Steel Frame, Flat Steel Surround	1,023.45	49.32

32 33 23 00-0014 Round Steel Pipe And Flat Steel Frames (32 33 23 00-0001)			
Note: Surrounded with kiln-dried wood.			
32 33 23 00-0015	EA 21" Diameter x 32" High Open Top Trash Container Steel Pipe, Flat Steel Frame, Kiln Dried Wood	1,405.36	49.32
32 33 23 00-0016	EA 21" Diameter x 32" High Flat Top Trash Container Steel Pipe, Flat Steel Frame, Kiln Dried Wood	1,514.47	49.32
32 33 23 00-0017	EA 21" Diameter x 39" High Dome Top Trash Container Steel Pipe, Flat Steel Frame, Kiln Dried Wood	1,746.35	49.32
32 33 23 00-0018	EA 21" Diameter x 40" High HPR Top Trash Container Steel Pipe, Flat Steel Frame, Kiln Dried Wood	1,582.67	49.32

32 33 23 00-0019 Round Steel Pipe Surrounded With Perforated (32 33 23 00-0001)			
32 33 23 00-0020	EA 21" Diameter x 32" High Open Top Trash Container Perforated Round Steel Pipe	1,255.32	49.32
32 33 23 00-0021	EA 21" Diameter x 32" High Flat Top Trash Container Perforated Round Steel Pipe	1,364.44	49.32
32 33 23 00-0022	EA 21" Diameter x 39" High Dome Top Trash Container Perforated Round Steel Pipe	1,596.31	49.32
32 33 23 00-0023	EA 21" Diameter x 40" High HPR Top Trash Container Perforated Round Steel Pipe	1,446.28	49.32

32 33 23 00-0024 Round Steel Pipe Frames Surrounded With Welded Wire (32 33 23 00-0001)			
32 33 23 00-0025	EA 21" Diameter x 32" High Flat Top Trash Container Steel Pipe Frame, Welded Wire Surround	996.17	49.32
32 33 23 00-0026	EA 21" Diameter x 32" High Open Top Trash Steel Container Pipe Frame, Welded Wire Surround	1,105.29	49.32
32 33 23 00-0027	EA 21" Diameter x 39" High Dome Top Trash Steel Container Pipe Frame, Welded Wire Surround	1,337.16	49.32
32 33 23 00-0028	EA 21" Diameter x 40" High HPR Top Trash Container Steel Pipe Frame, Welded Wire Surround	1,187.13	49.32

32 33 23 00-0029 Litter Baskets (32 33 23)

32 33 23 00-0030 Round Wire Litter Baskets (32 33 23 00-0029)			
32 33 23 00-0031	EA 1.33' Diameter x 1.83' High Round Wire Litter Basket	176.78	5.01
32 33 23 00-0032	EA 1.5' Diameter x 1.83' High Round Wire Litter Basket	223.45	5.01
32 33 23 00-0033	EA 1.75' Diameter x 2.33' High Round Wire Litter Basket	302.65	5.01
32 33 23 00-0034	EA 1.83' Diameter x 2.83' High Round Wire Litter Basket	347.35	5.01

32 33 23 00-0035 Trash Can/Wire Basket Holder (32 33 23 00-0029)			
32 33 23 00-0036	EA Steel Post, Single Holder	246.49	40.27
32 33 23 00-0037	EA Steel Post, Double Holder	335.82	40.27
32 33 23 00-0038	EA Redwood Post, Single Holder	120.86	40.27
32 33 23 00-0039	EA Redwood Post, Double Holder	138.98	40.27

32 Exterior Improvements**32 30 Site Improvements****32 33 Site Furnishings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 23 00-0040			Litter Receptacles, Freestanding <small>(32 33 23 00-0029)</small> Note: Includes 1-1/2" outside diameter steel leg supports. Wall mounted, includes 3/8" x 3" steel wall plates. Surface mounted, includes 2-1/2" outside diameter steel tube with floor flange, embedded to include 2-1/2" outside diameter steel tube.		
32 33 23 00-0041	EA		16" Diameter x 28" High Litter Receptacle, Freestanding Or Embedded.....	1,423.68	20.55
			<i>For Powder Coated Sand Pan, Add</i>	50.00	
			<i>For Orange Peel Lid, Add</i>	25.00	
			<i>For Polished Granite Lid, Add</i>	50.00	
32 33 23 00-0042	EA		16" Diameter x 32" High Litter Receptacle, Freestanding Or Embedded.....	1,498.82	20.55
			<i>For Powder Coated Sand Pan, Add</i>	50.00	
			<i>For Orange Peel Lid, Add</i>	25.00	
			<i>For Polished Granite Lid, Add</i>	50.00	
32 33 23 00-0043	EA		20" Diameter x 36" High Litter Receptacle, Freestanding Or Embedded.....	1,744.79	30.82
			<i>For Powder Coated Sand Pan, Add</i>	50.00	
			<i>For Orange Peel Lid, Add</i>	25.00	
			<i>For Polished Granite Lid, Add</i>	50.00	
32 33 23 00-0044	EA		20" Diameter x 40" High Litter Receptacle, Freestanding Embedded.....	1,819.94	30.82
			<i>For Powder Coated Sand Pan, Add</i>	50.00	
			<i>For Orange Peel Lid, Add</i>	25.00	
			<i>For Polished Granite Lid, Add</i>	50.00	
32 33 23 00-0045	EA		16" Diameter x 28" High Litter Receptacle, Pole Mount With Pole	1,895.08	30.82
			<i>For Powder Coated Sand Pan, Add</i>	50.00	
			<i>For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add</i>	22.50	
			<i>For Orange Peel Lid, Add</i>	25.00	
			<i>For Polished Granite Lid, Add</i>	50.00	
32 33 23 00-0046	EA		16" Diameter x 32" High Litter Receptacle, Pole Mount With Pole	1,970.22	30.82
			<i>For Powder Coated Sand Pan, Add</i>	50.00	
			<i>For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add</i>	22.50	
			<i>For Orange Peel Lid, Add</i>	25.00	
			<i>For Polished Granite Lid, Add</i>	50.00	
32 33 23 00-0047	EA		16" Diameter x 28" High Litter Receptacle, Wall Mount.....	1,571.26	26.71
			<i>For Powder Coated Sand Pan, Add</i>	50.00	
			<i>For Orange Peel Lid, Add</i>	25.00	
			<i>For Polished Granite Lid, Add</i>	50.00	
			<i>For 1-1/2" x 6" Diameter Metal Cover Plate, Add</i>	20.00	
32 33 23 00-0048	EA		16" Diameter x 32" High Litter Receptacle, Wall Mount.....	1,646.41	26.71
			<i>For Powder Coated Sand Pan, Add</i>	50.00	
			<i>For Orange Peel Lid, Add</i>	25.00	
			<i>For Polished Granite Lid, Add</i>	50.00	
			<i>For 1-1/2" x 6" Diameter Metal Cover Plate, Add</i>	20.00	
32 33 23 00-0049			Ash Receptacles <small>(32 33 23)</small>		
32 33 23 00-0050	EA		12" Diameter x 21" High Ash Receptacle, Freestanding Or Embedded.....	656.84	20.55
			<i>For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add</i>	22.50	
			<i>For Sand Pan, Add</i>	110.00	
			<i>For Bowl And Funnel, Add</i>	120.00	
32 33 23 00-0051	EA		18" Square Concrete Exposed Aggregate x 36" High Ash Receptacles With 3-1/2" ID iron Pipe With Cap Square Concrete With Steel Liner.....	275.12	20.55
32 33 23 00-0052			Trash Receptacles <small>(32 33 23)</small>		
32 33 23 00-0053	EA		Outdoor Covered Steel Receptacle With Liner	1,168.20	20.55
32 33 23 00-0054	EA		Driftwood And Sable Receptacle, 35 Gallon With Liner And Frame	363.05	20.55
32 33 23 00-0055	EA		24" x 24" Square Trash Containment With Exposed Aggregate Finish	709.25	20.55
32 33 23 00-0056	EA		30" x 30" Square Trash Containment With Exposed Aggregate Finish	739.57	22.60
32 33 23 00-0057	EA		36" x 36" Square Trash Containment With Exposed Aggregate Finish	796.07	24.65
32 33 23 00-0058	EA		32 Gallon, Open Round Trash Receptacle, Recycled Plastic Lumber	503.86	16.44
32 33 23 00-0059	EA		32 Gallon, Round Trash Receptacle With Liner And Lid, Recycled Plastic Lumber	601.98	16.44
32 33 23 00-0060	EA		24" x 24" Square 18" High Trash Receptacle, Fiberglass	1,027.45	20.55
32 33 23 00-0061			Trash Containers (Dumpsters) <small>(32 33 23)</small>		
32 33 23 00-0062	EA		1 CY Straight Side Trash Dumpster.....	290.72	
32 33 23 00-0063	EA		1.5 CY Straight Side Trash Dumpster.....	436.08	
32 33 23 00-0064	EA		2 CY Straight Side Trash Dumpster.....	581.45	
32 33 23 00-0065	EA		2 CY Sloped Side Trash Dumpster	581.45	
32 33 23 00-0066	EA		3 CY Sloped Side Trash Dumpster	872.17	
32 33 23 00-0067	EA		4 CY Sloped Side Trash Dumpster	1,162.89	
32 33 23 00-0068	EA		6 CY Sloped Side Trash Dumpster.....	1,744.34	
32 33 23 00-0069	EA		8 CY Sloped Side Trash Dumpster	2,325.78	
32 33 33			Site Manufactured Planters <small>(32 33)</small>		
32 33 33 00-0001			Precast Concrete Planters <small>(32 33 33)</small>		
32 33 33 00-0002			Circular Precast Concrete Planters <small>(32 33 33 00-0001)</small>		
32 33 33 00-0003	EA		24" Diameter, 17" Height, Circular Precast Concrete Planter	784.66	25.65
32 33 33 00-0004	EA		24" Diameter, 24" Height, Circular Precast Concrete Planter	878.31	30.78
32 33 33 00-0005	EA		24" Diameter, 33" Height, Circular Precast Concrete Planter	961.70	30.78
32 33 33 00-0006	EA		30" Diameter, 17" Height, Circular Precast Concrete Planter	1,043.09	35.91
32 33 33 00-0007	EA		30" Diameter, 30" Height, Circular Precast Concrete Planter	1,262.28	46.18
32 33 33 00-0008	EA		36" Diameter, 24" Height, Circular Precast Concrete Planter	1,375.10	46.18
32 33 33 00-0009	EA		36" Diameter, 30" Height, Circular Precast Concrete Planter	1,549.70	51.31
32 33 33 00-0010	EA		48" Diameter, 17" Height, Circular Precast Concrete Planter	1,637.99	51.31
32 33 33 00-0011	EA		48" Diameter, 24" Height, Circular Precast Concrete Planter	1,823.06	64.13

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 33 33 00-0012	EA		48" Diameter, 30" Height, Circular Precast Concrete Planter	1,939.19	68.24
32 33 33 00-0013	EA		48" Diameter, 36" Height, Circular Precast Concrete Planter	2,019.96	71.83
32 33 33 00-0014	EA		60" Diameter, 17" Height, Circular Precast Concrete Planter	1,834.47	64.13
32 33 33 00-0015	EA		60" Diameter, 24" Height, Circular Precast Concrete Planter	2,017.50	71.83
32 33 33 00-0016	EA		60" Diameter, 36" Height, Circular Precast Concrete Planter	2,589.43	76.96
32 33 33 00-0017	EA		72" Diameter, 36" Height, Circular Precast Concrete Planter	3,361.37	97.48
32 33 33 00-0018	EA		84" Diameter, 36" Height, Circular Precast Concrete Planter	3,908.77	102.62
32 33 33 00-0019			Square Precast Concrete Planters (32 33 33 00-0001)		
32 33 33 00-0020	EA		36" Square, 30" Height, Square Precast Concrete Planter	1,577.28	66.70
32 33 33 00-0021	EA		42" Square, 30" Height, Square Precast Concrete Planter	1,807.21	71.83
32 33 33 00-0022	EA		60" Square, 36" Height, Square Precast Concrete Planter	2,864.57	82.09
32 33 33 00-0023	EA		72" Square, 36" Height, Square Precast Concrete Planter	3,056.33	87.22
32 33 33 00-0024			Rectangular Precast Concrete Planters (32 33 33 00-0001)		
32 33 33 00-0025	EA		33" x 18", 20" Height, Rectangular Precast Concrete Planter	915.10	30.78
32 33 33 00-0026	EA		48" x 18", 20" Height, Rectangular Precast Concrete Planter	1,070.97	46.18
32 33 33 00-0027	EA		60" x 18", 20" Height, Rectangular Precast Concrete Planter	1,243.11	51.31
32 33 33 00-0028	EA		72" x 18", 20" Height, Rectangular Precast Concrete Planter	1,413.46	64.13
32 33 33 00-0029			Fiberglass Planters (32 33 33)		
32 33 33 00-0030			Circular Fiberglass Planters (32 33 33 00-0029)		
32 33 33 00-0031	EA		36" Diameter, 27" High, Circular Fiberglass Planter	1,943.21	25.65
32 33 33 00-0032	EA		60" Diameter, 39" High, Circular Fiberglass Planter	3,247.07	25.65
32 33 33 00-0033	EA		36" Diameter, 24" High, Circular Fiberglass Planter	1,288.95	25.65
32 33 33 00-0034	EA		60" Diameter, 24" High, Circular Fiberglass Planter	2,559.72	25.65
32 33 33 00-0035			Tapered Circular Fiberglass Planters (32 33 33 00-0029)		
32 33 33 00-0036	EA		24" Diameter, 20" High, Tapered Circular Fiberglass Planter	743.97	25.65
32 33 33 00-0037	EA		30" Diameter, 25" High, Tapered Circular Fiberglass Planter	1,099.97	25.65
32 33 33 00-0038	EA		36" Diameter, 30" High, Tapered Circular Fiberglass Planter	1,976.29	25.65
32 33 33 00-0039	EA		40" Diameter, 36" High, Tapered Circular Fiberglass Planter	2,767.59	25.65
32 33 33 00-0040			Square Fiberglass Planters (32 33 33 00-0029)		
32 33 33 00-0041	EA		24" Square, 21" High, Square Fiberglass Planter	983.18	25.65
32 33 33 00-0042	EA		24" Square, 24" High, Square Fiberglass Planter	1,005.49	25.65
32 33 33 00-0043	EA		30" Square, 12" High, Square Fiberglass Planter	1,017.29	25.65
32 33 33 00-0044	EA		30" Square, 21" High, Square Fiberglass Planter	1,156.67	25.65
32 33 33 00-0045	EA		30" Square, 24" High, Square Fiberglass Planter	1,258.22	25.65
32 33 33 00-0046			Rectangular Fiberglass Planters (32 33 33 00-0029)		
32 33 33 00-0047	EA		48" x 12", 12" High, Rectangular Fiberglass Planter	1,134.60	25.65
32 33 33 00-0048	EA		48" x 12", 21" High, Rectangular Fiberglass Planter	1,217.87	25.65
32 33 33 00-0049	EA		48" x 24", 12" High, Rectangular Fiberglass Planter	1,592.89	25.65
32 33 33 00-0050	EA		48" x 24", 21" High, Rectangular Fiberglass Planter	1,759.45	25.65
32 33 33 00-0051			Timber Planters (32 33 33)		
32 33 33 00-0052			Square Timber Planters (32 33 33 00-0051)		
32 33 33 00-0053	EA		14" Square, 30" High, Square Timber Planter	442.28	49.32
32 33 33 00-0054	EA		21" Square, 30" High, Square Timber Planter	442.28	49.32
32 33 33 00-0055	EA		27" Square, 30" High, Square Timber Planter	823.26	49.32
32 33 33 00-0056	EA		34" Square, 30" High, Square Timber Planter	715.94	49.32
32 33 33 00-0057	EA		41" Square, 36" High, Square Timber Planter	850.09	49.32
32 33 33 00-0058	EA		54" Square, 36" High, Square Timber Planter	2,159.36	49.32
32 33 33 00-0059	EA		81" Square, 36" High, Square Timber Planter	3,237.90	49.32
32 33 33 00-0060			Rectangular Timber Planters (32 33 33 00-0051)		
32 33 33 00-0061	EA		21" x 14", 30" High, Rectangular Timber Planter	436.92	49.32
32 33 33 00-0062	EA		27" x 14", 30" High, Rectangular Timber Planter	485.21	49.32
32 33 33 00-0063	EA		27" x 21", 30" High, Rectangular Timber Planter	630.09	49.32
32 33 33 00-0064	EA		34" x 21", 30" High, Rectangular Timber Planter	694.48	49.32
32 33 33 00-0065	EA		41" x 21", 30" High, Rectangular Timber Planter	887.65	49.32
32 33 33 00-0066	EA		34" x 27", 30" High, Rectangular Timber Planter	1,027.16	49.32
32 33 33 00-0067	EA		41" x 27", 30" High, Rectangular Timber Planter	1,145.21	49.32
32 33 33 00-0068	EA		54" x 27", 30" High, Rectangular Timber Planter	1,483.26	49.32
32 33 33 00-0069	EA		54" x 34", 30" High, Rectangular Timber Planter	1,671.07	49.32
32 33 33 00-0070	EA		68" x 34", 36" High, Rectangular Timber Planter	1,901.80	49.32
32 33 33 00-0071	EA		54" x 41", 36" High, Rectangular Timber Planter	1,810.58	49.32
32 33 33 00-0072	EA		68" x 41", 36" High, Rectangular Timber Planter	2,046.68	49.32
32 33 33 00-0073	EA		81" x 41", 36" High, Rectangular Timber Planter	2,288.14	49.32

32 33 43 Site Seating and Tables (32 33)

32 Exterior Improvements**32 30 Site Improvements****32 33 Site Furnishings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
32 33 43 13 Site Seating (32 33 43)**32 33 43 13-0001****Benches (Landscapeforms) (32 33 43 13)**

Note: Excludes embedding in concrete See CSI section 32 31 13 13-0001 for drilling and concrete.

32 33 43 13-0002	EA	72" Backless Wood Or PolySite Bench (Landscapeforms Balustrade).....	1,561.71	82.19
32 33 43 13-0003	EA	72" Backed Wood Or PolySite Bench (Landscapeforms Balustrade).....	1,952.96	82.19
32 33 43 13-0004	EA	96" Backed Wood Bench (Landscapeforms Balustrade).....	2,204.48	82.19
32 33 43 13-0005	EA	End Loop Arms For Backed Bench (Landscapeforms Balustrade).....	180.83	20.55
32 33 43 13-0006	EA	72" Backless Wood Or PolySite Bench (Landscapeforms Gretchen's).....	1,707.52	82.19
32 33 43 13-0007	EA	96" Backless Wood Bench (Landscapeforms Gretchen's).....	1,932.30	82.19
32 33 43 13-0008	EA	72" Backed Wood Or PolySite Bench (Landscapeforms Gretchen's).....	2,108.49	82.19
32 33 43 13-0009	EA	96" Backed Wood Bench (Landscapeforms Gretchen's).....	2,381.87	82.19
32 33 43 13-0010	EA	72" Backed Wood Or PolySite Bench With Armrest (Landscapeforms Gretchen's).....	2,412.25	82.19
32 33 43 13-0011	EA	96" Backed Wood Bench With Armrest (Landscapeforms Gretchen's).....	2,685.64	82.19
32 33 43 13-0012	EA	59" Backed Wood Or Metal Rod Bench (Landscapeforms Hyde Park).....	3,132.30	82.19
32 33 43 13-0013	EA	75" Backed Wood Or Metal Rod Bench (Landscapeforms Hyde Park).....	3,404.71	82.19
32 33 43 13-0014	EA	42" Backless Metal Grid Bench (Landscapeforms Manistee).....	883.19	61.65
32 33 43 13-0015	EA	62" Backless Metal Grid Bench (Landscapeforms Manistee).....	954.88	61.65
32 33 43 13-0016	EA	72" Backless Metal Grid Bench (Landscapeforms Manistee).....	1,032.78	71.93
32 33 43 13-0017	EA	82" Backless Metal Grid Bench (Landscapeforms Manistee).....	1,204.83	71.93
32 33 43 13-0018	EA	42" Backed Metal Grid Bench (Landscapeforms Manistee).....	1,104.47	71.93
32 33 43 13-0019	EA	62" Backed Metal Grid Bench (Landscapeforms Manistee).....	1,176.16	71.93
32 33 43 13-0020	EA	72" Backed Metal Grid Bench (Landscapeforms Manistee).....	1,268.39	82.19
32 33 43 13-0021	EA	82" Backed Metal Grid Bench (Landscapeforms Manistee).....	1,454.78	82.19
32 33 43 13-0022	EA	42" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee).....	1,233.51	71.93
32 33 43 13-0023	EA	62" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee).....	1,325.74	82.19
32 33 43 13-0024	EA	72" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee).....	1,397.43	82.19
32 33 43 13-0025	EA	82" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee).....	1,583.82	82.19
32 33 43 13-0026	EA	72" Backless Solid Wood Bench (Landscapeforms Palisade).....	2,521.61	82.19
32 33 43 13-0027	EA	96" Backless Solid Wood Bench (Landscapeforms Palisade).....	2,898.27	82.19
32 33 43 13-0028	EA	70" Backless Perforated Metal Bench (Landscapeforms Petoskey).....	1,617.60	82.19
32 33 43 13-0029	EA	70" Dual Support Backed Perforated Metal Bench (Landscapeforms Petoskey).....	1,952.96	82.19
32 33 43 13-0030	EA	70" Quad Support Backed Perforated Metal Bench (Landscapeforms Petoskey).....	2,120.64	82.19
32 33 43 13-0031	EA	72" Backed Wood Bench (Landscapeforms Plainwell).....	2,065.96	82.19
32 33 43 13-0032	EA	72" Backed Wood Bench With Center Arm (Landscapeforms Plainwell).....	2,290.75	82.19
32 33 43 13-0033	EA	96" Backed Wood Bench (Landscapeforms Plainwell).....	2,533.76	82.19
32 33 43 13-0034	EA	96" Backed Wood Bench With Center Arm (Landscapeforms Plainwell).....	2,758.54	82.19
32 33 43 13-0035	EA	96" Backed Wood Bench With Two Center Arms (Landscapeforms Plainwell).....	2,989.40	82.19
32 33 43 13-0036	EA	72" Backed Aluminum Bench (Landscapeforms Plainwell).....	2,630.96	82.19
32 33 43 13-0037	EA	72" Backed Aluminum Bench With Center Arm (Landscapeforms Plainwell).....	2,855.75	82.19
32 33 43 13-0038	EA	96" Backed Aluminum Bench (Landscapeforms Plainwell).....	3,226.34	82.19
32 33 43 13-0039	EA	96" Backed Aluminum Bench With Center Arm (Landscapeforms Plainwell).....	3,463.28	82.19
32 33 43 13-0040	EA	96" Backed Aluminum Bench With Two Center Arms (Landscapeforms Plainwell).....	3,681.99	82.19
32 33 43 13-0041	EA	Backless Metal Grid Seats For Straight Runs (Landscapeforms Plexus).....	600.03	20.55
32 33 43 13-0042	EA	Backless Metal Grid Seats For 60 Degree Radius (Landscapeforms Plexus).....	806.59	20.55
32 33 43 13-0043	EA	Backless Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus).....	806.59	20.55
32 33 43 13-0044	EA	Backed Metal Grid Seats For Straight Runs (Landscapeforms Plexus).....	733.68	20.55
32 33 43 13-0045	EA	Narrow-Backed Metal Grid Seats For 60 Degree Radius (Landscapeforms Plexus).....	909.87	20.55
32 33 43 13-0046	EA	Narrow-Backed Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus).....	909.87	20.55
32 33 43 13-0047	EA	Wide-Backed Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus).....	909.87	20.55
32 33 43 13-0048	EA	Armrest For Metal Grid Seats (Landscapeforms Plexus).....	180.83	20.55
32 33 43 13-0049	EA	Backless Straight Metal Grid Seats (Landscapeforms Presidio).....	843.04	20.55
32 33 43 13-0050	EA	Backless Straight Metal Grid Seats With One Arm (Landscapeforms Presidio).....	934.17	20.55
32 33 43 13-0051	EA	Backless Straight Metal Grid Seats With Two Arms (Landscapeforms Presidio).....	1,025.30	20.55
32 33 43 13-0052	EA	Backless Angled Metal Grid Seats (Landscapeforms Presidio).....	1,019.22	20.55
32 33 43 13-0053	EA	Backless Angled Metal Grid Seats With One Arm (Landscapeforms Presidio).....	1,110.35	20.55
32 33 43 13-0054	EA	Backless Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio).....	1,201.48	20.55
32 33 43 13-0055	EA	Backed Straight Metal Grid Seats (Landscapeforms Presidio).....	1,007.07	20.55
32 33 43 13-0056	EA	Backed Straight Metal Grid Seats With One Arm (Landscapeforms Presidio).....	1,098.20	20.55
32 33 43 13-0057	EA	Backed Straight Metal Grid Seats With Two Arms (Landscapeforms Presidio).....	1,189.33	20.55
32 33 43 13-0058	EA	Narrow-Backed Angled Metal Grid Seats (Landscapeforms Presidio).....	1,231.86	20.55
32 33 43 13-0059	EA	Narrow-Backed Angled Metal Grid Seats With One Arm (Landscapeforms Presidio).....	1,322.99	20.55
32 33 43 13-0060	EA	Narrow-Backed Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio).....	1,414.12	20.55
32 33 43 13-0061	EA	Wide-Backed Angled Metal Grid Seats (Landscapeforms Presidio).....	1,231.86	20.55
32 33 43 13-0062	EA	Wide-Backed Angled Metal Grid Seats With One Arm (Landscapeforms Presidio).....	1,322.99	20.55
32 33 43 13-0063	EA	Wide-Backed Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio).....	1,414.12	20.55
32 33 43 13-0064	EA	48" Backless Horizontal Strap Bench (Landscapeforms Scarborough).....	1,683.21	82.19
32 33 43 13-0065	EA	72" Backless Horizontal Strap Bench (Landscapeforms Scarborough).....	1,707.52	82.19
32 33 43 13-0066	EA	96" Backless Horizontal Strap Bench (Landscapeforms Scarborough).....	2,078.11	82.19
32 33 43 13-0067	EA	48" Backless Woven Bench (Landscapeforms Scarborough).....	2,521.61	82.19
32 33 43 13-0068	EA	72" Backless Woven Bench (Landscapeforms Scarborough).....	2,977.25	82.19
32 33 43 13-0069	EA	96" Backless Woven Bench (Landscapeforms Scarborough).....	3,408.60	82.19
32 33 43 13-0070	EA	24" Backed Horizontal Strap Bench (Landscapeforms Scarborough).....	1,355.15	82.19
32 33 43 13-0071	EA	48" Backed Horizontal Strap Bench (Landscapeforms Scarborough).....	1,804.72	82.19
32 33 43 13-0072	EA	72" Backed Horizontal Strap Bench (Landscapeforms Scarborough).....	1,847.25	82.19
32 33 43 13-0073	EA	72" Backed Horizontal Strap Bench With Center Arm (Landscapeforms Scarborough).....	2,126.71	82.19
32 33 43 13-0074	EA	96" Backed Horizontal Strap Bench (Landscapeforms Scarborough).....	2,400.10	82.19
32 33 43 13-0075	EA	96" Backed Horizontal Strap Bench With Center Arm (Landscapeforms Scarborough).....	2,685.64	82.19
32 33 43 13-0076	EA	96" Backed Horizontal Strap Bench With Two Intermediate Arms (Landscapeforms Scarborough).....	2,965.10	82.19
32 33 43 13-0077	EA	24" Backed Woven Bench (Landscapeforms Scarborough).....	2,400.10	82.19
32 33 43 13-0078	EA	48" Backed Woven Bench (Landscapeforms Scarborough).....	2,904.35	82.19
32 33 43 13-0079	EA	72" Backed Woven Bench (Landscapeforms Scarborough).....	3,396.45	82.19
32 33 43 13-0080	EA	72" Backed Woven Bench With Center Arm (Landscapeforms Scarborough).....	3,681.99	82.19
32 33 43 13-0081	EA	96" Backed Woven Bench (Landscapeforms Scarborough).....	4,289.52	82.19
32 33 43 13-0082	EA	96" Backed Woven Bench With Center Arm (Landscapeforms Scarborough).....	4,568.98	82.19

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 33 43 13-0083	EA		96" Backed Woven Bench With Two Intermediate Arms (Landscapeforms Scarborough).....	4,842.37	82.19
32 33 43 13-0084	EA		32" Backed Strap Or Perforated Bench (Landscapeforms Town Square).....	1,146.26	71.93
32 33 43 13-0085	EA		49" Backed Strap Or Perforated Bench (Landscapeforms Town Square).....	1,383.20	71.93
32 33 43 13-0086	EA		49" Backed Strap Or Perforated Bench With Divider (Landscapeforms Town Square).....	1,510.78	71.93
32 33 43 13-0087	EA		70" Backed Strap Or Perforated Bench (Landscapeforms Town Square).....	1,768.27	82.19
32 33 43 13-0088	EA		70" Backed Strap Or Perforated Bench With Two Dividers (Landscapeforms Town Square).....	2,005.21	82.19

32 33 43 13-0089 Benches (Columbia Cascade, TimberForm) (32 33 43 13)
32 33 43 13-0090 Wood Benches (Columbia Cascade, TimberForm) (32 33 43 13-0089)

Note: Includes powder coated steel frames.

32 33 43 13-0091	EA		70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-6-E).....	828.32	41.10
32 33 43 13-0092	EA		94" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-8-E).....	951.74	41.10
32 33 43 13-0093	EA		118" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-10-E).....	1,223.21	41.10
32 33 43 13-0094	EA		70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-6-P).....	865.37	41.10
32 33 43 13-0095	EA		94" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-8-P).....	988.76	41.10
32 33 43 13-0096	EA		118" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-10-P).....	1,272.58	41.10
32 33 43 13-0097	EA		70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-6-E).....	1,272.58	41.10
32 33 43 13-0098	EA		94" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-8-E).....	1,482.36	41.10
32 33 43 13-0099	EA		118" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-10-E).....	1,914.25	41.10
32 33 43 13-0100	EA		70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-6-P).....	1,334.28	41.10
32 33 43 13-0101	EA		94" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-8-P).....	1,544.05	41.10
32 33 43 13-0102	EA		118" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-10-P).....	2,000.63	41.10
32 33 43 13-0103	EA		70" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-6-E).....	2,469.54	41.10
32 33 43 13-0104	EA		94" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-8-E).....	2,901.43	41.10
32 33 43 13-0105	EA		118" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-10-E).....	3,802.24	41.10
32 33 43 13-0106	EA		70" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-6-P).....	2,531.24	41.10
32 33 43 13-0107	EA		94" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-8-P).....	2,963.13	41.10
32 33 43 13-0108	EA		118" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-10-P).....	3,888.61	41.10
32 33 43 13-0109	EA		70" Length, Embedment Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-6-E).....	964.08	41.10
32 33 43 13-0110	EA		94" Length, Embedment Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-8-E).....	1,087.48	41.10
32 33 43 13-0111	EA		70" Length, Pedestal Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-6-P).....	1,001.10	41.10
32 33 43 13-0112	EA		94" Length, Pedestal Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-8-P).....	1,124.50	41.10
32 33 43 13-0113	EA		46" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-4-E).....	1,618.09	41.10
32 33 43 13-0114	EA		70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-6-E).....	1,914.25	41.10
32 33 43 13-0115	EA		46" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-4-P).....	1,716.81	41.10
32 33 43 13-0116	EA		70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-6-P).....	2,012.97	41.10
32 33 43 13-0117	EA		70" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-6).....	1,008.04	61.65
32 33 43 13-0118	EA		94" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-8).....	1,057.40	61.65
32 33 43 13-0119	EA		118" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-10).....	1,439.94	61.65
32 33 43 13-0120	EA		46" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-4-E).....	778.99	41.10
32 33 43 13-0121	EA		70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-6-E).....	902.39	41.10
32 33 43 13-0122	EA		94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-8-E).....	1,025.78	41.10
32 33 43 13-0123	EA		118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-10-E).....	1,321.94	41.10
32 33 43 13-0124	EA		142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-12-E).....	1,445.34	41.10
32 33 43 13-0125	EA		46" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-4-P).....	791.33	41.10
32 33 43 13-0126	EA		70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-6-P).....	914.73	41.10
32 33 43 13-0127	EA		94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-8-P).....	1,038.12	41.10
32 33 43 13-0128	EA		118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-10-P).....	1,358.96	41.10
32 33 43 13-0129	EA		142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-12-P).....	1,482.36	41.10
32 33 43 13-0130	EA		70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-6-E).....	1,346.62	41.10
32 33 43 13-0131	EA		94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-8-E).....	1,556.39	41.10
32 33 43 13-0132	EA		118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-10-E).....	2,012.97	41.10
32 33 43 13-0133	EA		142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-12-E).....	2,222.74	41.10
32 33 43 13-0134	EA		70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-6-P).....	1,371.30	41.10
32 33 43 13-0135	EA		94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-8-P).....	1,581.07	41.10
32 33 43 13-0136	EA		118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-10-P).....	2,049.99	41.10
32 33 43 13-0137	EA		142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-12-P).....	2,259.76	41.10
32 33 43 13-0138	EA		70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-6-E).....	1,346.62	41.10
32 33 43 13-0139	EA		82" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-7-E).....	1,901.91	41.10
32 33 43 13-0140	EA		94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-8-E).....	1,692.13	41.10
32 33 43 13-0141	EA		118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-10-E).....	2,235.08	41.10
32 33 43 13-0142	EA		142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-12-E).....	2,444.86	41.10
32 33 43 13-0143	EA		70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-6-P).....	1,544.05	41.10
32 33 43 13-0144	EA		82" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-7-P).....	1,938.93	41.10
32 33 43 13-0145	EA		94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-8-P).....	1,716.81	41.10
32 33 43 13-0146	EA		118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-10-P).....	2,272.10	41.10
32 33 43 13-0147	EA		142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-12-P).....	2,481.88	41.10

32 Exterior Improvements**32 30 Site Improvements****32 33 Site Furnishings**
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32 33 43 13-0148	EA	70" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-6)	1,415.26	61.65
32 33 43 13-0149	EA	94" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-8)	1,637.37	61.65
32 33 43 13-0150	EA	118" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-10)	2,106.29	61.65
32 33 43 13-0151	EA	70" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-6)	1,551.00	61.65
32 33 43 13-0152	EA	94" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-8)	1,773.11	61.65
32 33 43 13-0153	EA	118" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-10)	2,316.06	61.65

32 33 43 13-0154 Recycled Plastic Benches (Columbia Cascade, TimberForm) (32 33 43 13-0089)

Note: Includes powder coated steel frames.

32 33 43 13-0155	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-6-E)	1,136.84	41.10
32 33 43 13-0156	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-8-E)	1,556.39	41.10
32 33 43 13-0157	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-6-P)	1,173.86	41.10
32 33 43 13-0158	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-8-P)	1,593.41	41.10
32 33 43 13-0159	EA	46" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-4-E)	1,790.85	41.10
32 33 43 13-0160	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-6-E)	2,099.35	41.10
32 33 43 13-0161	EA	46" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-4-P)	1,889.57	41.10
32 33 43 13-0162	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-6-P)	2,198.06	41.10
32 33 43 13-0163	EA	70" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-6)	1,131.44	61.65
32 33 43 13-0164	EA	94" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-8)	1,365.90	61.65
32 33 43 13-0165	EA	118" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-10)	1,612.69	61.65
32 33 43 13-0166	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-6-E)	927.04	41.10
32 33 43 13-0167	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-8-E)	1,247.89	41.10
32 33 43 13-0168	EA	118" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-10-E)	1,494.69	41.10
32 33 43 13-0169	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-6-P)	964.08	41.10
32 33 43 13-0170	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-8-P)	1,284.92	41.10
32 33 43 13-0171	EA	118" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-10-P)	1,544.05	41.10
32 33 43 13-0172	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-6-E)	1,482.36	41.10
32 33 43 13-0173	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-8-E)	2,000.63	41.10
32 33 43 13-0174	EA	118" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-10-E)	2,432.52	41.10
32 33 43 13-0175	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-6-P)	1,544.05	41.10
32 33 43 13-0176	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-8-P)	2,087.01	41.10
32 33 43 13-0177	EA	118" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-10-P)	2,518.90	41.10
32 33 43 13-0178	EA	70" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-6-E)	2,901.43	41.10
32 33 43 13-0179	EA	94" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-8-E)	3,999.67	41.10
32 33 43 13-0180	EA	118" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-10-E)	4,431.57	41.10
32 33 43 13-0181	EA	70" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-6-P)	2,963.13	41.10
32 33 43 13-0182	EA	94" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-8-P)	4,086.05	41.10
32 33 43 13-0183	EA	118" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-10-P)	4,517.94	41.10
32 33 43 13-0184	EA	70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-6-E)	1,815.53	41.10
32 33 43 13-0185	EA	82" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-7-E)	2,531.24	41.10
32 33 43 13-0186	EA	94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-8-E)	2,420.18	41.10
32 33 43 13-0187	EA	118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-10-E)	2,778.03	41.10
32 33 43 13-0188	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-12-E)	3,740.54	41.10
32 33 43 13-0189	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-6-P)	1,840.21	41.10
32 33 43 13-0190	EA	82" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-7-P)	2,568.26	41.10
32 33 43 13-0191	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-8-P)	2,457.20	41.10
32 33 43 13-0192	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-10-P)	2,815.05	41.10
32 33 43 13-0193	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-12-P)	3,802.24	41.10
32 33 43 13-0194	EA	70" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-6)	1,723.75	61.65
32 33 43 13-0195	EA	94" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-8)	2,328.40	61.65
32 33 43 13-0196	EA	118" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-10)	2,883.69	61.65
32 33 43 13-0197	EA	70" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-6)	1,933.53	61.65
32 33 43 13-0198	EA	94" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-8)	2,587.54	61.65
32 33 43 13-0199	EA	118" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-10)	2,846.67	61.65
32 33 43 13-0200	EA	46" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-4-E)	828.35	41.10
32 33 43 13-0201	EA	70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-6-E)	1,087.48	41.10
32 33 43 13-0202	EA	94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-8-E)	1,470.02	41.10
32 33 43 13-0203	EA	118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-10-E)	1,729.15	41.10
32 33 43 13-0204	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-12-E)	2,012.97	41.10
32 33 43 13-0205	EA	46" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-4-P)	853.03	41.10
32 33 43 13-0206	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-6-P)	1,112.16	41.10

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 33 43 13-0207	EA		94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-8-P).....	1,507.04	41.10
32 33 43 13-0208	EA		118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-10-P).....	1,766.17	41.10
32 33 43 13-0209	EA		142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-12-P).....	2,062.33	41.10
32 33 43 13-0210	EA		70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-6-E)	1,618.09	41.10
32 33 43 13-0211	EA		94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-8-E)	2,222.74	41.10
32 33 43 13-0212	EA		118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-10-E).....	2,741.01	41.10
32 33 43 13-0213	EA		142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-12-E).....	3,086.53	41.10
32 33 43 13-0214	EA		70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-6-P)	1,642.77	41.10
32 33 43 13-0215	EA		94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-8-P)	2,259.76	41.10
32 33 43 13-0216	EA		118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-10-P).....	2,778.03	41.10
32 33 43 13-0217	EA		142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-12-P).....	3,135.89	41.10

32 33 43 53 Site Tables (32 33 43)
32 33 43 53-0001 Picnic Tables (32 33 43 53)
32 33 43 53-0002 Concrete Picnic Tables (32 33 43 53-0001)

32 33 43 53-0003	EA		72" Long x 72" Wide, Precast Concrete, One Piece, Rectangular Picnic Table With Two Integral Benches (Quickrete QLBT72PT).....	2,397.56	164.39
32 33 43 53-0004	EA		96" Long x 72" Wide, Precast Concrete, One Piece, Rectangular Picnic Table With Two Integral Benches (Quick Crete QLBT96PT Or QLMR96PT).....	2,826.98	
			Note: Standard sealer		
32 33 43 53-0005	EA		102" Long x 72" Wide, Precast Concrete, One Piece, Rectangular Picnic Table With Two Integral Benches And Handicap Access On Two Ends (Quick Crete QLMR102PTADA).....	2,835.99	
			Note: Standard sealer		
32 33 43 53-0006	EA		42" Diameter, Precast Concrete, Round Food Court Table Set With Four Benches (Quick Crete QR42FC).....	3,001.68	
			Note: Includes table top, four benches and mounting hardware.		

32 33 63 Skate Board Deterrent (32 33)
32 33 63 00-0001 Skate Stoppers (32 33 63)

32 33 63 00-0002	EA		Aluminum Architectural Series Pieces, Skate Stopper	59.86	
			Note: Various shapes. Includes drilling and anchoring into suitable surface material.		
			For >59 To 99, Deduct	-6.53	
			For >99 To 249, Deduct	-8.22	
			For >249, Deduct	-9.92	
32 33 63 00-0003	EA		Aluminum Fixed Angle Series Pieces, Skate Stopper	63.31	
			Note: Various shapes. Includes drilling and anchoring into suitable surface material.		
			For >59 To 99, Deduct	-7.01	
			For >99 To 249, Deduct	-8.81	
			For >249, Deduct	-10.61	
32 33 63 00-0004	EA		Aluminum Fixed Radius Series Pieces, Skate Stopper	44.18	
			Note: Various shapes. Includes drilling and anchoring into suitable surface material.		
			For >59 To 99, Deduct	-4.34	
			For >99 To 249, Deduct	-5.56	
			For >249, Deduct	-6.78	
32 33 63 00-0005	EA		Aluminum Bench Clips, Skate Stopper	35.12	
			Note: Various shapes. Includes drilling and anchoring into suitable surface material.		
			For >59 To 99, Deduct	-3.07	
			For >99 To 249, Deduct	-4.02	
			For >249, Deduct	-4.97	
32 33 63 00-0006	EA		Aluminum Curve Clips, Skate Stopper.....	38.47	
			Note: Various shapes. Includes drilling and anchoring into suitable surface material.		
			For >59 To 99, Deduct	-3.54	
			For >99 To 249, Deduct	-4.59	
			For >249, Deduct	-5.64	
32 33 63 00-0007	EA		Aluminum Hand Rail, Skate Stopper	36.81	
			Note: Various shapes. Includes drilling and anchoring into suitable surface material.		
			For >59 To 99, Deduct	-3.30	
			For >99 To 249, Deduct	-4.31	
			For >249, Deduct	-5.31	
32 33 63 00-0008	EA		Aluminum 2" x 3" x 0.25" Flat Cap, Skate Stopper	34.56	
			Note: Includes drilling and anchoring into suitable surface material.		
			For >59 To 99, Deduct	-2.99	
			For >99 To 249, Deduct	-3.92	
			For >249, Deduct	-4.86	
32 33 63 00-0009	EA		Aluminum 6" Diameter x 0.25" Rumble Disc, Skate Stopper	48.56	
			Note: Includes drilling and anchoring into suitable surface material.		
			For >59 To 99, Deduct	-4.95	
			For >99 To 249, Deduct	-6.30	
			For >249, Deduct	-7.66	
32 33 63 00-0010	EA		Aluminum 4" x 17" x 0.25" Flat Strap, Skate Stopper	90.58	
			Note: Includes drilling and anchoring into suitable surface material.		
			For >59 To 99, Deduct	-10.83	
			For >99 To 249, Deduct	-13.45	
			For >249, Deduct	-16.06	

32 39 Manufactured Site Specialties (32 30)

32 Exterior Improvements**32 30 Site Improvements****32 39 Manufactured Site Specialties**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

Note: Excludes coredrilling, augering, concrete footing and compaction See CSI section 02 41 19 13-0025 for concrete core drilling, 02 41 19 13-0163 for asphalt core drilling, 32 31 13 13-0002 for augering, 32 31 13 13-0019 for concrete footing, 32 31 13 13-0045 for compaction of earth.

32 39 13 Manufactured Metal Bollards (32 39)

32 39 13 00-0001	Metal Pipe Bollards (32 39 13)		
	Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill for post and post holes.		
32 39 13 00-0002	Steel Pipe Bollard, Schedule 40 Pipe, Painted Or Powder Coated (32 39 13 00-0001)		
32 39 13 00-0003	LF 4" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated.....	95.42	12.33
	For Galvanized Steel, Add	12.03	
	For 304 Stainless Steel, Add	95.51	
	For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	122.68	
	For Each Sleeve For Removable, Lockable Bollard (Includes Tamper Proof Screw), Add	85.25	
	For Schedule 80, Add	13.08	
	For Concrete Fill, Add Per LF Of Pipe Bollard	9.65	
32 39 13 00-0004	LF 6" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated.....	136.27	12.33
	For Galvanized Steel, Add	18.97	
	For 304 Stainless Steel, Add	150.66	
	For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	122.68	
	For Each Sleeve For Removable, Lockable Bollard (Includes Tamper Proof Screw), Add	85.25	
	For Schedule 80, Add	19.21	
	For Concrete Fill, Add Per LF Of Pipe Bollard	13.69	
32 39 13 00-0005	LF 8" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated.....	196.37	15.43
	For Galvanized Steel, Add	28.14	
	For 304 Stainless Steel, Add	223.47	
	For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	161.36	
	For Each Sleeve For Removable, Lockable Bollard, Add	127.32	
	For Schedule 80, Add	27.91	
	For Concrete Fill, Add Per LF Of Pipe Bollard	18.27	
32 39 13 00-0006	LF 10" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated.....	263.48	18.50
	For Galvanized Steel, Add	38.50	
	For 304 Stainless Steel, Add	305.75	
	For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	186.00	
	For Each Sleeve For Removable, Lockable Bollard, Add	139.15	
	For Schedule 80, Add	37.67	
	For Concrete Fill, Add Per LF Of Pipe Bollard	22.39	
32 39 13 00-0007	LF 12" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated.....	330.40	24.67
	For Galvanized Steel, Add	47.78	
	For 304 Stainless Steel, Add	379.43	
	For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	247.74	
	For Each Sleeve For Removable, Lockable Bollard, Add	191.53	
	For Schedule 80, Add	47.09	
	For Concrete Fill, Add Per LF Of Pipe Bollard	26.17	

32 39 13 00-0008 Cast Bollards (32 39 13 00-0001)

32 39 13 00-0009	EA 36" Cast Aluminum Bollard, Black Powder Coat Finish	1,814.04	74.01
	Note: 8-1/2" diameter, embedded mounting plate, all colors.		
32 39 13 00-0010	EA 36" Cast Aluminum Removable Bollard, Black Powder Coat Finish	3,066.91	74.01
	Note: 8-1/2" diameter, embedded mounting plate, lockable, all colors.		
32 39 13 00-0011	EA 36" Cast Iron Bollard, Powder Coat Finish.....	1,537.05	74.01
	Note: 8-1/2" diameter, embedded mounting plate, all colors.		
32 39 13 00-0012	EA 36" Cast Iron Removable Bollard, Black Powder Coat Finish.....	2,797.33	74.01
	Note: 8-1/2" diameter, embedded mounting plate, lockable, all colors.		

32 39 23 Manufactured Concrete Bollards (32 39)

32 39 23 00-0001	Concrete Bollards (32 39 23)		
	Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill.		
32 39 23 00-0002	Concrete Bollard, Exposed Aggregate (32 39 23 00-0001)		
32 39 23 00-0003	EA 12" x 12" x 30" High Concrete Bollard, Light Media Blast	650.66	98.68
	Note: Surface mounted with anchor bolts embedded into grout pockets.		
32 39 23 00-0004	EA 12" Diameter x 30" High Concrete Bollard, Light Media Blast.....	650.66	98.68
	Note: Surface mounted with anchor bolts embedded into grout pockets.		

32 39 25 Manufactured Wood Bollards (32 39)

32 39 25 00-0001	Wood Bollards (32 39 25)		
	Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill.		
32 39 25 00-0002	Wood Bollard, Pressure Treated Timber (32 39 25 00-0001)		
32 39 25 00-0003	LF 4" x 4", Pressure Treated Wood Bollard	22.67	9.87
	For Each Sleeve For Removable, Lockable Bollard, Add	84.89	
32 39 25 00-0004	LF 6" x 6", Pressure Treated Wood Bollard	25.77	9.87
	For Each Sleeve For Removable, Lockable Bollard, Add	84.89	
32 39 25 00-0005	LF 8" x 8", Pressure Treated Wood Bollard	32.92	11.10
	For Each Sleeve For Removable, Lockable Bollard, Add	127.80	
32 39 25 00-0006	LF 10" x 10", Pressure Treated Wood Bollard	46.33	14.80
	For Each Sleeve For Removable, Lockable Bollard, Add	142.01	
32 39 25 00-0007	LF 12" x 12", Pressure Treated Wood Bollard	63.54	19.74
	For Each Sleeve For Removable, Lockable Bollard, Add	200.03	

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 39 27 Manufactured Plastic Bollards (32 39)

32 39 27 00-0001	Plastic Bollards (32 39 27)			
	See CSI section 32 31 13 13-0001 for augering and filling holes for bollards., 32 31 13 13-0018 for concrete fill.			
32 39 27 00-0002	Recycled Plastic Bollards (32 39 27 00-0001)			
32 39 27 00-0003	EA 6" x 6" x 33" Surface Mounted Recycled Plastic Bollard.....	336.12		49.34
	Note: Includes anchor bolts.			
32 39 27 00-0004	EA 6" Diameter x 6' Steel Reinforced Recycled Plastic Bollard.....	547.50		49.34
32 39 27 00-0005	Plastic Bollard Covers (32 39 27 00-0001)			
32 39 27 00-0006	EA 4" x 60", 1/8" Thick LDPE Bollard Cover, Fits 4" To 4-1/2" Pipe.....	84.02		10.62
	For Reflective Tape, Add	9.97		
32 39 27 00-0007	EA 6" x 60", 1/8" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe.....	90.76		11.69
	For Reflective Tape, Add	9.97		
32 39 27 00-0008	EA 3" x 60", 1/4" Thick LDPE Bollard Cover, Fits 3" To 3 1/2" Pipe.....	115.42		10.62
	For Reflective Tape, Add	9.97		
32 39 27 00-0009	EA 3-1/2" x 52", 1/4" Thick LDPE Bollard Cover, Fits 3 -1/2" To 4" Pipe.....	115.42		10.62
	For Reflective Tape, Add	9.97		
32 39 27 00-0010	EA 3-1/2" x 68", 1/4" Thick LDPE Bollard Cover, Fits 3-1/2" To 4" Pipe.....	130.07		10.62
	For Reflective Tape, Add	9.97		
32 39 27 00-0011	EA 4" x 52", 1/4" Thick LDPE Bollard Cover, Fits 4' To 4-1/2" Pipe.....	115.42		10.62
	For Reflective Tape, Add	9.97		
32 39 27 00-0012	EA 4" x 60", 1/4" Thick LDPE Bollard Cover, Fits 4" To 4-1/2" Pipe.....	117.51		10.62
	For Reflective Tape, Add	9.97		
32 39 27 00-0013	EA 5" x 52", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe.....	115.42		10.62
	For Reflective Tape, Add	9.97		
32 39 27 00-0014	EA 5" x 60", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe.....	117.51		10.62
	For Reflective Tape, Add	9.97		
32 39 27 00-0015	EA 5" x 72", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe.....	165.65		10.62
	For Reflective Tape, Add	9.97		
32 39 27 00-0016	EA 6" x 52", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe.....	117.54		11.69
	For Reflective Tape, Add	9.97		
32 39 27 00-0017	EA 6" x 65", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe.....	151.03		11.69
	For Reflective Tape, Add	9.97		
32 39 27 00-0018	EA 6" x 84", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe.....	172.39		11.69
	For Reflective Tape, Add	9.97		
32 39 27 00-0019	EA 7" x 56", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe.....	144.77		12.75
	For Reflective Tape, Add	9.97		
32 39 27 00-0020	EA 8" x 52", 1/4" Thick LDPE Bollard Cover, Fits 7" To 7-5/16" Pipe.....	157.33		12.75
	For Reflective Tape, Add	9.97		
32 39 27 00-0021	EA 8" x 69", 1/4" Thick LDPE Bollard Cover, Fits 8" To 8-5/8" Pipe.....	157.33		12.75
	For Reflective Tape, Add	9.97		
32 39 27 00-0022	EA 10" x 69", 1/4" Thick LDPE Bollard Cover, Fits 10" To 11" Pipe.....	213.87		12.75
	For Reflective Tape, Add	9.97		

32 39 29 Manufactured Stone Bollards (32 39)

32 39 29 00-0001	Stone Bollards (32 39 29)			
	See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill.			
32 39 29 00-0002	Granite Bollards (32 39 29 00-0001)			
32 39 29 00-0003	EA 16" x 16" x 30" Granite Bollard, Smooth Matt Finish.....	1,249.89		123.36
	Note: Surface mounted with anchors embedded into grout pockets.			
32 39 29 00-0004	EA 16" x 16" x 54" Granite Bollard, Smooth Matt Finish.....	1,585.69		172.69
	Note: Surface mounted with anchors embedded into grout pockets.			
32 39 29 00-0005	EA 12" x 12" x 24" Granite Bollard, Rough Finish, Pyramid Top.....	782.95		123.36
	Note: Surface mounted with anchors embedded into grout pockets.			
32 39 29 00-0006	EA 12" Diameter x 18" Granite Bollard, Smooth Matt Finish.....	1,145.83		98.68
	Note: Flat Top, surface mounted with anchors embedded into grout pockets.			
32 39 29 00-0007	EA 24" x 24" x 20" Granite Bollard, Octagonal Cross Section.....	1,702.14		98.68
	Note: Smooth matt finish, flat top, surface mounted with anchors embedded into grout pockets.			

32 80 Irrigation (32)
32 84 Planting Irrigation (32 84)
32 84 13 Drip Irrigation (32 84)

32 84 13 00-0001	Drip Emitter Irrigation Devices (32 84 13)			
32 84 13 00-0002	Drip Emitter Irrigation Valves (32 84 13 00-0001)			
32 84 13 00-0003	EA 1/2" Air/Vacuum Relief Valve For Drip Emitter Irrigation Systems (Rain Bird® ARV050).....	48.08		11.61
32 84 13 00-0004	EA 1", Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LRV100).....	74.87		11.61
32 84 13 00-0005	EA 3/4", Anti-Siphon, Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LRV075).....	73.00		11.61
32 84 13 00-0006	EA 3/4", Latching Solenoid, Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LRV075TBOS).....	98.17		11.61
32 84 13 00-0007	Drip Emitter Irrigation Filters (32 84 13 00-0001)			
32 84 13 00-0008	EA 3/4" Inlet/Outlet, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® QKCHK-075).....	151.36		11.61
32 84 13 00-0009	EA 1" Inlet/Outlet, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® QKCHK-100).....	152.74		11.61
32 84 13 00-0010	EA 3/4" Inlet/Outlet, Inline Wye Filter For Drip Emitter Irrigation Systems (Rain Bird® RBY075MPTX).....	59.78		11.61
32 84 13 00-0011	EA 1" Inlet/Outlet, Inline Wye Filter For Drip Emitter Irrigation Systems (Rain Bird® RBY100MPTX).....	60.89		11.61

32 Exterior Improvements**32 80 Irrigation****32 84 Planting Irrigation**
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32 84 13 00-0012	EA	1" Inlet/Outlet, Pressure Regulating, Inline Basket Filter For Drip Emmitter Irrigation Systems (Rain Bird® PRB-QCHK-100).....	164.25	11.61
32 84 13 00-0013	EA	3/4" Inlet/Outlet, Pressure Regulating, Inline RBY Filter For Drip Emmitter Irrigation Systems (Rain Bird® PRF075RBY).....	76.44	11.61
32 84 13 00-0014	EA	1" Inlet/Outlet, Pressure Regulating, Inline RBY Filter For Drip Emmitter Irrigation Systems (Rain Bird® PRF100RBY).....	85.12	11.61
32 84 13 00-0015		Drip Emmitter Irrigation Pressure Regulators (32 84 13 00-0001)		
32 84 13 00-0016	EA	3/4", 6 To 300 GPH, 30 PSI, Inline Pressure Regulator For Drip Emmitter Irrigation Systems (Rain Bird® PSI-L30X-075).....	58.66	11.61
32 84 13 00-0017	EA	3/4", 120 To 600 GPH, 30 PSI, Inline Pressure Regulator For Drip Emmitter Irrigation Systems (Rain Bird® PSI-M30X-075).....	58.66	11.61
32 84 13 00-0018	EA	3/4", 120 To 600 GPH, 40 PSI, Inline Pressure Regulator For Drip Emmitter Irrigation Systems (Rain Bird® PSI-M40X-075).....	58.66	11.61
32 84 13 00-0019	EA	1", 120 To 900 GPH, 40 PSI, Inline Pressure Regulator For Drip Emmitter Irrigation Systems (Rain Bird® PSI-M40X-100).....	67.78	11.61
32 84 13 00-0020		Drip Emmitter Irrigation Tubing (32 84 13 00-0001)		
		Note: Includes surface installation and covering of tubing with existing pine straw, pine bark etc.		
32 84 13 00-0021	LF	1/4", Landscape Dripline With Extruded Non-Pressure Compensating Drip Emitters (Rain Bird® LDQ0806100).....	4.31	1.62
32 84 13 00-0022	LF	1/2", Landscape Dripline With Extruded Pressure Compensating Drip Emitters (Rain Bird® XFD0612100).....	4.06	1.85
32 84 13 00-0023	LF	1/4", UV-Resistant, Polyethylene, Distribution Tubing For Drip Emmitter Irrigation Systems (Rain Bird® XQ100).....	3.42	1.62
		For Shallow Trenching And Backfill By Hand, Add	6.66	
32 84 13 00-0024	LF	1/2", UV-Resistant, Polyethylene, Distribution Tubing For Drip Emmitter Irrigation Systems (Rain Bird® XT700100).....	4.04	1.85
		For Shallow Trenching And Backfill By Hand, Add	7.22	
32 84 13 00-0025		Drip Emmitter Irrigation Fittings (32 84 13 00-0001)		
32 84 13 00-0026	EA	1/4", Barbed Coupling For Irrigation Tubing (Rain Bird® XBF1CONN).....	3.07	
32 84 13 00-0027	EA	1/4", Barbed Elbow For Irrigation Tubing (Rain Bird® XBF2EL).....	3.10	
32 84 13 00-0028	EA	1/4", Barbed Tee For Irrigation Tubing (Rain Bird® XBF3TEE).....	3.15	
32 84 13 00-0029	EA	1/4", Self Piercing Barbed Coupling For Irrigation Tubing (Rain Bird® SPB025).....	3.31	
32 84 13 00-0030	EA	1/4", Plug For Irrigation Tubing (Rain Bird® EMAGPX).....	3.04	
32 84 13 00-0031	EA	17mm, Barbed Coupling For Irrigation Tubing (Rain Bird® XFFCOUP).....	3.23	
		For Compression Fitting, Add	0.33	
32 84 13 00-0032	EA	17mm, Barbed Elbow For Irrigation Tubing (Rain Bird® XFF-ELBOW).....	3.33	
		For Compression Fitting, Add	0.43	
32 84 13 00-0033	EA	17mm, Barbed Tee For Irrigation Tubing (Rain Bird® XFF-TEE).....	3.37	
		For Compression Fitting, Add	0.47	
32 84 13 00-0034	EA	17mm, Barbed Male Adapter For Irrigation Tubing (Rain Bird® XFFMA050).....	3.40	
		For Compression Fitting, Add	0.50	
32 84 13 00-0035	EA	17mm, Barbed Cross For Irrigation Tubing (Rain Bird® XFDCROSS).....	3.60	
		For Compression Fitting, Add	0.70	
32 84 13 00-0036	EA	1/2", Plug For Irrigation Tubing (Rain Bird® MDCFCAP).....	3.82	
32 84 13 00-0037	EA	12 Gauge, Galvanized Stake For Irrigation Tubing (Rain Bird® TDS050BEND).....	1.89	
32 84 13 00-0038		Drip Emitters (32 84 13 00-0001)		
32 84 13 00-0039	EA	0.5 To 2 GPH, Single Outlet, Pressure Compensating Emmitter For Drip Emmitter Irrigation Systems (Rain Bird® XB20PC).....	6.31	
32 84 13 00-0040	EA	5 To 24 GPH, Single Outlet, Pressure Compensating Emmitter For Drip Emmitter Irrigation Systems (Rain Bird® PC24).....	7.19	
32 84 13 00-0041	EA	0.5 To 2 GPH, Six Outlet, Pressure Compensating Emmitter For Drip Emmitter Irrigation Systems (Rain Bird® XB056).....	14.97	
32 84 13 00-0042		Drip Emmitter Irrigation Micro-Bubblers, Sprays And Misters (32 84 13 00-0001)		
32 84 13 00-0043	EA	Adjustable Stream Bubbler With Spike For Drip Emmitter Irrigation Systems (Rain Bird® SXB360SPYK).....	24.59	10.45
32 84 13 00-0044	EA	Adjustable Micro Spray With Spike For Drip Emmitter Irrigation Systems (Rain Bird® XS360TSPYK).....	24.64	10.45
32 84 13 00-0045	EA	12" Height, Riser Assembly With Pressure Compensating Nozzle For Drip Emmitter Irrigation Systems (Rain Bird® SQADP12 With SQFUL).....	27.08	10.45
32 84 13 00-0046	EA	24" Height, Riser Assembly With Pressure Compensating Nozzle For Drip Emmitter Irrigation Systems (Rain Bird® SQADP24 With SQFUL).....	27.34	10.45
32 84 13 00-0047	EA	4" Pop-Up Height, Micro Spray Pop-Ups For Drip Emmitter Irrigation Systems (Rain Bird® XP-400X With SQFUL).....	39.54	13.69
		Note: Includes nozzle.		
32 84 13 00-0048	EA	6" Pop-Up Height, Micro Spray Pop-Ups For Drip Emmitter Irrigation Systems (Rain Bird® XP-600X With SQFUL).....	42.70	13.69
		Note: Includes nozzle.		
32 84 13 00-0049	EA	12" Pop-Up Height, Micro Spray Pop-Ups For Drip Emmitter Irrigation Systems (Rain Bird® XP1200X With SQFUL).....	43.19	13.69
		Note: Includes nozzle.		
32 84 13 00-0050		Subsurface Drip Emmitter Irrigation Tubing (Rain Bird® XFS) (32 84 13 00-0001)		
		Note: Brown or purple tubing. Includes layout, trenching 4" to 6", installing tubing and backfilling trench.		
32 84 13 00-0051	LF	0.536" ID, 0.634" OD, Subsurface Drip Emmitter Irrigation Tubing (Rain Bird® XFS Copper Shield).....	4.65	2.03
32 84 23		Underground Sprinklers (32 84)		
32 84 23 00-0001		Sprinkler Heads (32 84 23)		
32 84 23 00-0002		Spray Sprinkler Heads (32 84 23 00-0001)		
		Note: Includes plastic riser and case. Includes spray, variable arc or bubbler nozzle with partial or full circle coverage.		
32 84 23 00-0003	EA	2" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1802P).....	34.90	12.82
		For Rotary Nozzle, Add	3.25	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0004	EA		4" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1804P)..... <i>For Rotary Nozzle, Add</i>	33.11 3.25	12.82
32 84 23 00-0005	EA		6" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1806P)..... <i>For Rotary Nozzle, Add</i>	39.74 3.25	12.82
32 84 23 00-0006	EA		12" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1812P)..... <i>For Rotary Nozzle, Add</i>	45.29 3.25	12.82
32 84 23 00-0007	EA		4" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1804-SAM)..... <i>For Rotary Nozzle, Add</i>	35.61 3.25	12.82
32 84 23 00-0008	EA		6" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1806-SAM)..... <i>For Rotary Nozzle, Add</i>	44.94 3.25	12.82
32 84 23 00-0009	EA		12" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1812-SAM)..... <i>For Rotary Nozzle, Add</i>	49.43 3.25	12.82
32 84 23 00-0010	EA		4" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1804-PRS)..... <i>For Rotary Nozzle, Add</i>	38.26 3.25	12.82
32 84 23 00-0011	EA		6" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1806-PRS)..... <i>For Rotary Nozzle, Add</i>	46.77 3.25	12.82
32 84 23 00-0012	EA		12" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1812-PRS)..... <i>For Rotary Nozzle, Add</i>	50.97 3.25	12.82
32 84 23 00-0013	EA		4" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1804-SAM-PRS)..... <i>For Rotary Nozzle, Add</i>	39.33 3.25	12.82
32 84 23 00-0014	EA		6" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1806-SAM-PRS)..... <i>For Rotary Nozzle, Add</i>	52.38 3.25	12.82
32 84 23 00-0015	EA		12" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1812-SAM-PRS)..... <i>For Rotary Nozzle, Add</i>	56.52 3.25	12.82
32 84 23 00-0016	EA		Bubbler Head With Screen, 1/2" NPT (Rain Bird® 1300)..... <i>For Rotary Nozzle, Add</i>	29.63 3.25	12.82
32 84 23 00-0017	EA		Pressure Compensating Bubbler With Screen, 1/2" NPT (Rain Bird® 1400).....	33.77	12.82
32 84 23 00-0018			Gear-Drive, Rotary Sprinkler Heads <small>(32 84 23 00-0001)</small> Note: Maximum spacing is equivalent to maximum radius.		
32 84 23 00-0019			1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Heads <small>(32 84 23 00-0018)</small> Note: Includes plastic riser and case, standard rubber cover and nozzle with partial or full circle coverage.		
32 84 23 00-0020	EA		4" Pop-Up Height, 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 3504PC)..... <i>For Non-Potable Cover, Add</i>	48.01 2.00	12.82
32 84 23 00-0021	EA		4" Pop-Up Height, 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 3504-PC-SAM)..... <i>For Non-Potable Cover, Add</i>	49.49 2.00	12.82
32 84 23 00-0022			3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Heads <small>(32 84 23 00-0018)</small> Note: Includes plastic riser and case, standard rubber cover and nozzle with partial or full circle coverage.		
32 84 23 00-0023	EA		4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 5004-PLPC)..... <i>For Non-Potable Cover, Add</i> <i>For Stainless Steel Riser, Add</i>	44.47 2.00 9.00	12.82
32 84 23 00-0024	EA		6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 5006-PLPC)..... <i>For Non-Potable Cover, Add</i> <i>For Stainless Steel Riser, Add</i>	60.42 2.00 9.00	12.82
32 84 23 00-0025	EA		4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5004-PLPCS)..... <i>For Non-Potable Cover, Add</i> <i>For Stainless Steel Riser, Add</i>	47.42 2.00 9.00	12.82
32 84 23 00-0026	EA		6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5006-PLPCS)..... <i>For Non-Potable Cover, Add</i> <i>For Stainless Steel Riser, Add</i>	62.78 2.00 9.00	12.82
32 84 23 00-0027	EA		4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Pressure Regulator (Rain Bird® 5004+PCR)..... <i>For Non-Potable Cover, Add</i> <i>For Stainless Steel Riser, Add</i>	48.60 2.00 9.00	12.82
32 84 23 00-0028	EA		4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5004+FCSR)..... <i>For Non-Potable Cover, Add</i> <i>For Stainless Steel Riser, Add</i>	50.97 2.00 9.00	12.82
32 84 23 00-0029	EA		6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5006+PCSR)..... <i>For Non-Potable Cover, Add</i> <i>For Stainless Steel Riser, Add</i>	66.33 2.00 9.00	12.82
32 84 23 00-0030	EA		12" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5012+PCSR)..... <i>For Non-Potable Cover, Add</i> <i>For Stainless Steel Riser, Add</i>	75.78 2.00 9.00	12.82
32 84 23 00-0031	EA		Shrub Type, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5000S-PLPCS)..... <i>For Non-Potable Cover, Add</i>	50.67 2.00	12.82
32 84 23 00-0032	EA		Shrub Type, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5000S+PCSR)..... <i>For Non-Potable Cover, Add</i>	60.12 2.00	12.82
32 84 23 00-0033			1" Inlet, Up To 65' Spacing, Gear-Drive, Rotary Sprinkler Heads <small>(32 84 23 00-0018)</small> Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage.		
32 84 23 00-0034	EA		4" Pop-Up Height, 1" Inlet, Up To 65' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® F4PC)..... <i>For Non-Potable Cover, Add</i> <i>For Stainless Steel Riser, Add</i> <i>For Stainless Steel Riser And High Speed Rotor, Add</i>	82.57 2.00 9.00 43.48	12.82

32 Exterior Improvements**32 80 Irrigation****32 84 Planting Irrigation**
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32 84 23 00-0035		1" Inlet, Up To 80' Spacing, Gear-Drive, Rotary Sprinkler Heads <small>(32 84 23 00-0018)</small> Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage.		
32 84 23 00-0036	EA	5" Pop-Up Height, 1" Inlet, Up To 80' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 8005)	116.84	12.82
		For Non-Potable Cover, Add	2.00	
		For Stainless Steel Riser, Add	9.00	
32 84 23 00-0037		Impact-Drive Sprinkler Heads <small>(32 84 23 00-0001)</small> Note: Includes partial or full circle coverage. Maximum spacing is equivalent to maximum radius.		
32 84 23 00-0038	EA	1/2" Inlet, Up To 45' Spacing, Pop-Up, Impact-Drive Rotary Sprinkler Head (Rain Bird® 2045A-08).....	66.03	12.82
		For Non-Potable Cover, Add	2.00	
32 84 23 00-0039	EA	1/2" Inlet, Up To 45' Spacing, Riser Mounted, Plastic Body, Impact-Drive Sprinkler Head (Rain Bird® 2045-PJ08).....	51.85	12.82
32 84 23 00-0040	EA	3/4" Inlet, Up To 51' Spacing, Riser Mounted, Brass/Bronze Body, Impact-Drive Sprinkler Head (Rain Bird® 35A-ADJ-TNTB).....	99.09	12.82
32 84 23 00-0041		Electric Remote Control Irrigation Valves <small>(32 84 23)</small>		
32 84 23 00-0042		0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valves (Rain Bird® DV Series) <small>(32 84 23 00-0041)</small> Note: 15 to 150 PSI.		
32 84 23 00-0043	EA	3/4", 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 75DV).....	147.13	53.44
32 84 23 00-0044	EA	1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 100DV).....	147.13	53.44
32 84 23 00-0045	EA	1", 0.2 To 40 GPM, Slip-On, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 100DVSS).....	162.40	60.92
32 84 23 00-0046	EA	1", 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Angle Valve (Rain Bird® 100DVA).....	148.31	53.44
32 84 23 00-0047		0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valves With Flow Control (Rain Bird® DVF Series) <small>(32 84 23 00-0041)</small> Note: 15 to 150 PSI.		
32 84 23 00-0048	EA	1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Valve With Flow Control (Rain Bird® 100DVF)	148.31	53.44
32 84 23 00-0049	EA	1", 0.2 To 40 GPM, Slip-On, Plastic, Electric Remote Control Irrigation Valve With Flow Control (Rain Bird® 100DVFSS)	164.17	60.92
32 84 23 00-0050	EA	1", 0.2 To 40 GPM, Male x Barb, Plastic, Electric Remote Control Irrigation Valve With Flow Control (Rain Bird® 100DVFMB).....	165.35	60.92
32 84 23 00-0051		0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves (Rain Bird® PEB Series) <small>(32 84 23 00-0041)</small> Note: 20 to 200 PSI.		
32 84 23 00-0052	EA	1", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 100PEB)	242.84	53.44
32 84 23 00-0053	EA	1-1/2", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 150PEB)	284.20	53.44
32 84 23 00-0054	EA	2", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 200PEB)	337.37	53.44
32 84 23 00-0055		5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves With Pressure Regulator (Rain Bird® PEB PRS-D Series) <small>(32 84 23 00-0041)</small> Note: 20 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0056	EA	1", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 100PEB PRS-D).....	346.30	60.07
32 84 23 00-0057	EA	1-1/2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 150PEB PRS-D).....	387.66	60.07
32 84 23 00-0058	EA	2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 200PEB PRS-D).....	440.83	60.07
32 84 23 00-0059		20 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves With Pressure Regulator And Scrubber Valve (Rain Bird® PESB PRS-D Series) <small>(32 84 23 00-0041)</small> Note: 20 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0060	EA	1", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 100PESB PRS-D).....	405.38	60.07
32 84 23 00-0061	EA	1-1/2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 150PESB PRS-D).....	446.74	60.07
32 84 23 00-0062	EA	2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 200PESB PRS-D).....	499.91	60.07
32 84 23 00-0063		0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves (Hunter IBV Series) <small>(32 84 23 00-0041)</small> Note: 20 to 200 PSI operating range pressure.		
32 84 23 00-0064	EA	1", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-101G-B).....	360.47	53.44
32 84 23 00-0065	EA	1-1/2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-151G-B).....	550.60	53.44
32 84 23 00-0066	EA	2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-201G-B).....	567.79	53.44
32 84 23 00-0067	EA	3", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-301G-B).....	1,331.21	72.15
32 84 23 00-0068		5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves (Rain Bird® EFB-CP Series) <small>(32 84 23 00-0041)</small> Note: 15 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0069	EA	1", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 100EFB-CP).....	333.48	60.07

MINOR		DESCRIPTION		TOTAL DIRECT	DEMOLITION
CSI	UOM			UNIT COST	UNIT COST
32 84 23 00-0070	EA	1-1/4", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 125EFB-CP)	390.02		60.07
32 84 23 00-0071	EA	1-1/2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 150EFB-CP)	451.41		60.07
32 84 23 00-0072	EA	2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 200EFB-CP)	532.23		60.07
32 84 23 00-0073		0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves (Hunter IBV FS Series) (32 84 23 00-0041)			
Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.					
32 84 23 00-0074	EA	1", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-101G-B-FS)	439.76		60.07
32 84 23 00-0075	EA	1-1/2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-151G-B-FS)	665.34		60.07
32 84 23 00-0076	EA	2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-201G-B-FS)	684.67		60.07
32 84 23 00-0077	EA	3", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-301G-B-FS)	1,421.58		60.07
32 84 23 00-0078		0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV ACCU-SYNC Series) (32 84 23 00-0041)			
Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.					
32 84 23 00-0079	EA	1", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-101G-B ACCU-SYNC-ADJ)	446.40		53.44
32 84 23 00-0080	EA	1-1/2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-151G-B ACCU-SYNC-ADJ)	636.53		53.44
32 84 23 00-0081	EA	2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-201G-B ACCU-SYNC-ADJ)	653.72		53.44
32 84 23 00-0082	EA	3", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-301G-B ACCU-SYNC-ADJ)	1,417.14		72.15
32 84 23 00-0083		5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves With Pressure Regulator (Rain Bird® EFB-CP PRS-D Series) (32 84 23 00-0041)			
Note: 15 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.					
32 84 23 00-0084	EA	1", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 100EFB-CP PRS-D)	422.10		60.07
32 84 23 00-0085	EA	1-1/4", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 125EFB-CP PRS-D)	478.64		60.07
32 84 23 00-0086	EA	1-1/2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 150EFB-CP PRS-D)	540.03		60.07
32 84 23 00-0087	EA	2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 200EFB-CP PRS-D)	620.85		60.07
32 84 23 00-0088		0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV FS ACCU-SYNC Series) (32 84 23 00-0041)			
Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.					
32 84 23 00-0089	EA	1", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-101G-B-FS ACCU-SYNC-ADJ)	525.69		60.07
32 84 23 00-0090	EA	1-1/2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-151G-B-FS ACCU-SYNC-ADJ)	751.27		60.07
32 84 23 00-0091	EA	2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-201G-B-FS ACCU-SYNC-ADJ)	770.61		60.07
32 84 23 00-0092	EA	3", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-301G-B-FS ACCU-SYNC-ADJ)	1,507.51		60.07
32 84 23 00-0093		Other Electric Remote Control Valves/Accessories (32 84 23 00-0041)			
32 84 23 00-0094	EA	Pressure Regulator Module For Electric Remote Control Valves (Rain Bird® PRS-DIAL)	131.37		
32 84 23 00-0095		Irrigation Valve Boxes (32 84 23)			
Note: Includes lid.					
32 84 23 00-0096	EA	6" Round Irrigation Valve Box With Lid (Rain Bird® PVB-6RND)	90.12		38.48
32 84 23 00-0097	EA	7" Round Irrigation Valve Box With Lid (Rain Bird® VB-7RND)	104.08		38.48
32 84 23 00-0098	EA	10" Round Irrigation Valve Box With Lid (Rain Bird® VB-10RND)	136.56		50.66
32 84 23 00-0099	EA	21.8" x 16.6" x 12" Depth, Rectangular Irrigation Valve Box With Lid (Rain Bird® VB-STD)	236.18		73.97
32 84 23 00-0100	EA	21.8" x 16.6" x 12" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-STDH)	241.15		73.97
32 84 23 00-0101	EA	26.3" x 19.8" x 12.1" Depth, Rectangular Irrigation Valve Box With Lid (Rain Bird® VB-JMB)	276.80		73.97
32 84 23 00-0102	EA	26.3" x 19.8" x 12.1" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-JMBH)	281.05		73.97
32 84 23 00-0103	EA	33.1" x 23.8" x 15" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-SPRH)	484.78		73.97
32 84 23 00-0104	EA	40.3" x 27.1" x 18" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-MAXH)	748.66		73.97
32 84 23 00-0105		Irrigation Controllers (32 84 23)			
32 84 23 00-0106		Irrigation Controllers (32 84 23 00-0105)			
32 84 23 00-0107		Irrigation Controllers (Rain Bird®) (32 84 23 00-0106)			

32 Exterior Improvements**32 80 Irrigation****32 84 Planting Irrigation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 84 23 00-0108		Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP Series) <small>(32 84 23 00-0107)</small>		
32 84 23 00-0109		Four Program, Modular Irrigation Controllers (Rain Bird® ESP-ME Series) <small>(32 84 23 00-0108)</small>		
32 84 23 00-0110		Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-MEI Series) <small>(32 84 23 00-0109)</small>		
32 84 23 00-0111	EA	4-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	367.40	32.88
32 84 23 00-0112	EA	7-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	512.98	32.88
32 84 23 00-0113	EA	10-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	658.56	32.88
32 84 23 00-0114	EA	13-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	804.14	32.88
32 84 23 00-0115	EA	16-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	916.85	32.88
32 84 23 00-0116	EA	19-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	1,066.55	32.88
32 84 23 00-0117	EA	22-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	1,216.24	32.88
32 84 23 00-0118		Four Program, Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-ME Series) <small>(32 84 23 00-0109)</small>		
32 84 23 00-0119	EA	4-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	432.04	32.88
32 84 23 00-0120	EA	7-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	577.62	32.88
32 84 23 00-0121	EA	10-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	723.20	32.88
32 84 23 00-0122	EA	13-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	868.78	32.88
32 84 23 00-0123	EA	16-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	981.49	32.88
32 84 23 00-0124	EA	19-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	1,131.19	32.88
32 84 23 00-0125	EA	22-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	1,280.88	32.88
32 84 23 00-0126		Four Program, Modular Irrigation Controllers (Rain Bird® ESP-SMTE Series) <small>(32 84 23 00-0108)</small>		
32 84 23 00-0127		Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-SMTEI Series) <small>(32 84 23 00-0126)</small>		
32 84 23 00-0128	EA	4-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	591.94	32.88
32 84 23 00-0129	EA	7-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	737.51	32.88
32 84 23 00-0130	EA	10-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	883.10	32.88
32 84 23 00-0131	EA	13-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	1,028.68	32.88
32 84 23 00-0132	EA	16-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	1,141.38	32.88
32 84 23 00-0133	EA	19-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	1,291.09	32.88
32 84 23 00-0134	EA	22-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	1,440.78	32.88
32 84 23 00-0135		Four Program, Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-SMTE Series) <small>(32 84 23 00-0126)</small>		
32 84 23 00-0136	EA	4-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	640.37	32.88
32 84 23 00-0137	EA	7-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	785.95	32.88
32 84 23 00-0138	EA	10-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	931.53	32.88
32 84 23 00-0139	EA	13-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	1,077.11	32.88
32 84 23 00-0140	EA	16-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	1,189.82	32.88
32 84 23 00-0141	EA	19-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	1,339.52	32.88
32 84 23 00-0142	EA	22-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	1,489.21	32.88
32 84 23 00-0143		Accessories For ESP-ME/MEI Irrigation Controllers <small>(32 84 23 00-0108)</small>		
32 84 23 00-0144	EA	3-Station Expansion Module For ESP Series Irrigation Controllers (Rain Bird® ESP-SM3) Note: Use task for increasing capacity of existing ESP series irrigation controllers up to a maximum of 22-stations.	149.70	
32 84 23 00-0145	EA	6-Station Expansion Module For ESP Series Irrigation Controllers (Rain Bird® ESP-SM6) Note: Use task for increasing capacity of existing ESP series irrigation controllers up to a maximum of 22-stations.	285.90	
32 84 23 00-0146	EA	Smart Controller Upgrade Kit For ESP Series Irrigation Controllers (Rain Bird® ESPSMTEUPG)	412.87	
32 84 23 00-0147		Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LX Series) <small>(32 84 23 00-0107)</small>		
32 84 23 00-0148		Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LX Basic Series) <small>(32 84 23 00-0147)</small>		
32 84 23 00-0149	EA	12-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	875.48	32.88
32 84 23 00-0150	EA	16-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,059.17	32.88
32 84 23 00-0151	EA	20-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,246.01	32.88
32 84 23 00-0152	EA	24-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,429.71	32.88
32 84 23 00-0153	EA	28-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,616.53	32.88
32 84 23 00-0154	EA	32-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,800.23	32.88
32 84 23 00-0155	EA	36-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,987.07	32.88
32 84 23 00-0156	EA	40-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	2,170.76	32.88
32 84 23 00-0157	EA	44-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	2,357.61	32.88
32 84 23 00-0158	EA	48-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	2,541.30	32.88
32 84 23 00-0159		Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LXME Series) <small>(32 84 23 00-0147)</small>		
32 84 23 00-0160	EA	8-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	879.87	32.88

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 84 23 00-0161	EA	12-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series).....	1,063.57	32.88
32 84 23 00-0162	EA	16-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series).....	1,250.40	32.88
32 84 23 00-0163	EA	20-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series).....	1,434.10	32.88
32 84 23 00-0164	EA	24-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series).....	1,620.94	32.88
32 84 23 00-0165	EA	28-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series).....	1,804.63	32.88
32 84 23 00-0166	EA	32-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series).....	1,991.46	32.88
32 84 23 00-0167	EA	36-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series).....	2,175.16	32.88
32 84 23 00-0168	EA	40-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series).....	2,361.99	32.88
32 84 23 00-0169	EA	44-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series).....	2,545.70	32.88
32 84 23 00-0170	EA	48-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series).....	2,732.52	32.88

32 84 23 00-0171 Accessories For ESP-LX/LXME Irrigation Controllers (32 84 23 00-0147)

32 84 23 00-0172	EA	Powder Coated Steel Wall Cabinet For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMM).....	654.31	
32 84 23 00-0173	EA	Powder Coated Steel Cabinet And Pedestal For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMPED + LXMM).....	1,520.23	
Note: Excludes concrete foundation.				
32 84 23 00-0174	EA	Stainless Steel Wall Cabinet For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMSS).....	1,445.86	
32 84 23 00-0175	EA	Stainless Steel Cabinet And Pedestal For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMSSPED + LXMMSS).....	3,213.06	
Note: Excludes concrete foundation.				
32 84 23 00-0176	EA	4-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM4).....	183.69	
Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations.				
32 84 23 00-0177	EA	8-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM8).....	370.54	
Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations.				
32 84 23 00-0178	EA	12-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM12).....	575.78	
Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations.				
32 84 23 00-0179	EA	Flow Smart Water Management Module For ESP-LXME Irrigation Controllers (Rain Bird® FSM-LXME).....	214.67	

32 84 23 00-0180 Three Program, Battery-Operated, Buriable Irrigation Control Modules (Rain Bird® TBOS-II Series) (32 84 23 00-0107)

32 84 23 00-0181 Three Program, Battery-Operated, Buriable Irrigation Control Modules (Rain Bird® TBOS-II Series) (32 84 23 00-0180)

32 84 23 00-0182	EA	1-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series).....	427.80	32.88
32 84 23 00-0183	EA	2-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series).....	515.53	32.88
32 84 23 00-0184	EA	4-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series).....	637.72	32.88

32 84 23 00-0185 Accessories For TBOS-II Series Irrigation Controllers (32 84 23 00-0180)

32 84 23 00-0186	EA	Field Transmitter For TBOS-II Series Irrigation Controllers (Rain Bird® TBOS2FTUS).....	548.60	
32 84 23 00-0187	EA	Potted Latching Solenoid For TBOS-II Series Irrigation Controllers (Rain Bird® TBOSPSOL).....	106.93	24.65

32 84 23 00-0188 Accessories For Irrigation Controllers (Rain Bird®) (32 84 23 00-0107)

32 84 23 00-0189	EA	Wired Rain Sensor For Irrigation Controllers (Rain Bird® RSDBEX).....	150.37	24.65
32 84 23 00-0190	EA	Wireless Rain Sensor And Controller Interface For Irrigation Controllers (Rain Bird® WR2RC).....	310.16	24.65
32 84 23 00-0191	EA	Wireless Rain/Freeze Sensor And Controller Interface For Irrigation Controllers (Rain Bird® WR2RFC).....	328.97	24.65
32 84 23 00-0192	EA	Soil Moisture Sensor And Controller Interface For Irrigation Controllers (Rain Bird® SMRT-Y).....	491.99	24.65

32 84 23 00-0193 Two-Wire Decoder Systems (32 84 23 00-0105)

32 84 23 00-0194 Two-Wire Decoder Systems (Rain Bird®) (32 84 23 00-0193)

32 84 23 00-0195 Controllers For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series) (32 84 23 00-0194)

Note: Includes water resistant cabinet.				
32 84 23 00-0196	EA	50-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series).....	2,552.45	32.88
32 84 23 00-0197	EA	125-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series).....	3,613.73	32.88
32 84 23 00-0198	EA	200-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series).....	4,675.01	32.88

32 84 23 00-0199 Field Decoders For Two-Wire Decoder Systems (Rain Bird®) (32 84 23 00-0194)

32 84 23 00-0200	EA	One Individual Valve Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD101TURF).....	311.30	32.88
32 84 23 00-0201	EA	One Pair Of Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD102TURF).....	396.71	32.88
32 84 23 00-0202	EA	Two Pair Of Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD202TURF).....	594.77	32.88
32 84 23 00-0203	EA	Up To Four Individual Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD401TURF).....	727.66	32.88
32 84 23 00-0204	EA	Up To Six Individual Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD601TURF).....	1,208.48	32.88

32 84 23 00-0205 Accessories For Two-Wire Decoder Systems (Rain Bird®) (32 84 23 00-0194)

32 84 23 00-0206	EA	50-Station Replacement Base Module For ESP-LXD Series Two Wire Decoder Based Controllers (Rain Bird® MOD50-LXD).....	1,891.83	
32 84 23 00-0207	EA	75-Station Expansion Module For ESP-LXD Series Two Wire Decoder Based Controllers (Rain Bird® SPLXDSM75).....	1,061.28	
32 84 23 00-0208	EA	Line Surge Protection For ESP-LXD Series Two-Wire Decoder Systems (Rain Bird® LSP1TURF).....	235.04	28.77
32 84 23 00-0209	EA	Sensor Decoder Interface For ESP-LXD Series Two-Wire Decoder Systems (Rain Bird® SD210TURF).....	1,077.51	32.88

32 84 23 00-0210 Calsense Controllers (32 84 23 00-0105)

32 Exterior Improvements**32 80 Irrigation****32 84 Planting Irrigation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

		TOTAL DIRECT DEMOLITION	
		UNIT COST	UNIT COST
32 84 23 00-0211 Irrigation Controllers (32 84 23 00-0210)			
32 84 23 00-0212	EA 6 Station ET-Driven Irrigation Controller (Calsense ET2000E-6)	2,686.31	82.19
32 84 23 00-0213	EA 8 Station ET-Driven Irrigation Controller (Calsense ET2000E-8)	3,469.30	92.47
32 84 23 00-0214	EA 12 Station ET-Driven Irrigation Controller (Calsense ET2000E-12)	4,768.40	102.74
32 84 23 00-0215	EA 16 Station ET-Driven Irrigation Controller (Calsense ET2000E-16)	5,249.33	102.74
32 84 23 00-0216	EA 24 Station ET-Driven Irrigation Controller (Calsense ET2000E-24)	6,208.25	113.02
32 84 23 00-0217	EA 32 Station ET-Driven Irrigation Controller (Calsense ET2000E-32)	7,498.54	113.02
32 84 23 00-0218	EA 40 Station ET-Driven Irrigation Controller (Calsense ET2000E-40)	8,492.67	123.29
32 84 23 00-0219	EA 48 Station ET-Driven Irrigation Controller (Calsense ET2000E-48)	9,513.17	123.29
32 84 23 00-0220	EA Upgrade Existing Calsense Controller To ET2000E (Calsense ET2000E-UPGRADE)	2,748.07	41.10
32 84 23 00-0221	EA Upgrade Existing Calsense Controller With 8 Additional Stations (Calsense STATION UPGRADE)	1,148.54	41.10
32 84 23 00-0222 Irrigation Controller Accessories (32 84 23 00-0210)			
32 84 23 00-0223	EA Set Of 10 Keys For Calsense Controllers Or Enclosures (Calsense KEY-1)	112.61	
32 84 23 00-0224	EA Spare Lock For Enclosures (Calsense PAD)	121.99	
32 84 23 00-0225	EA Hardware And Software For Up To 4 Additional Light Circuits (Calsense L)	142.54	10.28
32 84 23 00-0226	EA Transformer For Irrigation Controllers (Calsense TR-1)	199.49	41.10
32 84 23 00-0227	EA AC Line Protection For Irrigation Controllers (Calsense TP-110)	563.11	41.10
32 84 23 00-0228	EA Transient Protection Board For Irrigation Controller Stations (Calsense TP-1)	750.79	41.10
	<i>For Outdoor Gray Powder Coated Stainless Steel Enclosure, Add</i>	351.38	
32 84 23 00-0229 Sensors For Irrigation Controllers (32 84 23 00-0210)			
32 84 23 00-0230 Flow Sensors (32 84 23 00-0229)			
32 84 23 00-0231	EA 1-1/2" Polyvinyl Chloride (PVC) Schedule 80 Tee Mounted Flow Meter (Calsense FM 1.5)	1,319.73	61.65
	<i>For Flow Meter Replacement Insert Only, Deduct</i>	-942.53	
32 84 23 00-0232	EA 2" Polyvinyl Chloride (PVC) Schedule 80 Tee Mounted Flow Meter (Calsense FM 2)	1,366.65	61.65
	<i>For Flow Meter Replacement Insert Only, Deduct</i>	-989.45	
32 84 23 00-0233	EA 3" Polyvinyl Chloride (PVC) Schedule 80 Tee Mounted Flow Meter (Calsense FM 3)	1,413.57	61.65
	<i>For Flow Meter Replacement Insert Only, Deduct</i>	-1,036.37	
32 84 23 00-0234	EA 1" Brass Tee Mounted Flow Meter (Calsense FM 1B)	1,560.24	82.19
	<i>For Flow Meter Replacement Insert Only, Deduct</i>	-1,182.73	
32 84 23 00-0235	EA 1-1/4" Brass Tee Mounted Flow Meter (Calsense FM 1.25B)	1,677.54	82.19
	<i>For Flow Meter Replacement Insert Only, Deduct</i>	-1,300.03	
32 84 23 00-0236	EA 1-1/2" Brass Tee Mounted Flow Meter (Calsense FM 1.5B)	1,724.46	82.19
	<i>For Flow Meter Replacement Insert Only, Deduct</i>	-1,346.95	
32 84 23 00-0237	EA 2" Brass Tee Mounted Flow Meter (Calsense FM 2B)	2,029.44	82.19
	<i>For Flow Meter Replacement Insert Only, Deduct</i>	-1,523.75	
32 84 23 00-0238	EA 2" Pipe Saddle Mounted Insertion Flow Meter (Calsense FMBX)	1,583.61	41.10
	Note: For 4" and larger pipe. Excludes pipe saddle.		
	<i>For Flow Meter Replacement Insert Only, Deduct</i>	-1,077.92	
32 84 23 00-0239 Moisture Sensors (32 84 23 00-0229)			
32 84 23 00-0240	EA Soil Moisture Sensor (Calsense 1000-S)	554.30	30.83
32 84 23 00-0241 Weather Sensors (32 84 23 00-0229)			
32 84 23 00-0242	EA Wind Gage, Irrigation Weather Sensor (Calsense WG-1)	1,513.32	82.19
32 84 23 00-0243	EA Tipping Rain Bucket, Irrigation Weather Sensor (Calsense RB-1)	1,724.64	164.39
32 84 23 00-0244	EA ET Gage, Irrigation Weather Sensor (Calsense ETG)	3,472.30	123.29
32 84 23 00-0245 Weather Sensor Accessories (32 84 23 00-0229)			
32 84 23 00-0246	EA Ceramic Cup For ET Gage Weather Sensor (Calsense ETG-C)	1,020.58	
32 84 23 00-0247	EA Removal And Replacement Of Circuit Board For ET Gage Weather Sensor (Calsense ETG-PCB)	1,935.51	
32 84 23 00-0248	EA Vandal Resistant Mounting Base For ET Gage Enclosure (Calsense ETGE-BASE)	1,020.58	41.10
32 84 23 00-0249	EA Vandal Resistant Stainless Steel Enclosure For ET Gage (Calsense ETGE)	2,375.34	41.10
32 84 23 00-0250 Antennas For Irrigation Controllers (32 84 23 00-0210)			
	Note: Excludes antenna cable.		
32 84 23 00-0251	EA Local Radio Dome Antenna (Calsense LR-DOME)	527.92	41.10
32 84 23 00-0252	EA Local Radio Stick Antenna (Calsense LR-STICK)	774.25	41.10
32 84 23 00-0253	EA Local Radio Yagi Antenna (Calsense LR-YAGI)	856.45	82.19
32 84 23 00-0254	EA Local Radio And Calsense Radio, Remote Dome Antenna (Calsense LR-DOME-RR)	527.92	41.10
32 84 23 00-0255	EA Local Radio And Calsense Radio, Enhanced Remote Dome Antenna (Calsense LR-DOME-RRE)	527.92	41.10
32 84 23 00-0256	EA GPRS Stubby Antenna (Calsense GR-STUBBY)	527.92	41.10
32 84 23 00-0257	EA GPRS Stick Antenna (Calsense GR-STICK)	774.25	41.10
32 84 23 00-0258	EA Spread Spectrum Dome Antenna (Calsense SR-DOME)	527.92	41.10
32 84 23 00-0259	EA Spread Spectrum Stick Antenna (Calsense SR-STICK)	774.25	41.10
32 84 23 00-0260	EA Spread Spectrum Yagi Antenna (Calsense SR-YAGI)	856.45	82.19
32 84 23 00-0261	EA Spread Spectrum And Calsense Radio, Remote Dome Antenna (Calsense SR-DOME-RR)	527.92	41.10
32 84 23 00-0262	EA Spread Spectrum And Calsense Radio, Enhanced Remote Dome Antenna (Calsense SR-DOME-RRE)	527.92	41.10
32 84 23 00-0263	EA Spread Spectrum Stubby Antenna (Calsense SR-STUBBY)	527.92	41.10
32 84 23 00-0264	EA WiFi Stubby Antenna (Calsense WEN-STUBBY)	527.92	41.10
32 84 23 00-0265	LF Antenna Cable With End Connectors (Calsense LMR-400-DB)	14.59	0.49
32 84 23 00-0266	EA Surge Protection Device For Antenna (Calsense ANT-PROT)	533.75	20.55
32 84 23 00-0267	EA 5' High, Non-Penetrating, Antenna Tripod Mount (Calsense ANT-TRIP5)	868.09	41.10
32 84 23 00-0268	EA 3' Antenna Stand Off Mount For 3" Maximum Tower Leg (Calsense ANT-SOM)	762.44	
32 84 23 00-0269	EA Local Radio Frequency Filter (Calsense LR-FILTER)	1,079.15	
32 84 23 00-0270	EA Spread Spectrum Frequency Filter (Calsense SR-FILTER)	797.63	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 84 23 00-0271 Pedestals And Enclosures For Irrigation Controllers (32 84 23 00-0210)					
32 84 23 00-0272	EA		15 Amperes, Circuit Breaker With Enclosure For Irrigation Controllers (Calsense SSE-BREAKER).....	475.19	61.65
32 84 23 00-0273	EA		Standard Gray Powder Coated Stainless Steel Controller Enclosure (Calsense C-BOX)	1,165.21	102.74
32 84 23 00-0274	EA		Indoor Wall Mount, Stainless Steel Back Panel (Calsense SSBP).....	1,313.82	41.10
Note: Includes GFI and receptacle.					
32 84 23 00-0275	EA		Standard Gray Powder Coated Stainless Steel Pedestal (Calsense PD-1).....	1,574.80	30.83
Note: Includes factory installed transient protection board and AC line protection.					
32 84 23 00-0276	EA		Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE)	4,954.60	30.83
Note: Includes factory installed transient protection board and AC line protection.					
32 84 23 00-0277	EA		Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-R).....	5,598.14	30.83
Note: Includes factory installed transient protection board, AC line protection and dome antenna.					
32 84 23 00-0278	EA		Double-Wide Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-D).....	8,117.72	61.65
Note: Includes factory installed transient protection boards and AC line protection. Pre-wired for two controllers.					
32 84 23 00-0279	EA		Double-Wide Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-D-R)	8,509.60	61.65
Note: Includes factory installed transient protection boards, AC line protection and dome antenna. Pre-wired for two controllers.					
32 84 23 00-0280	EA		Bolt Mounting Template For Heavy-Duty Stainless Steel Enclosures (Calsense SSE-CAM).....	276.47	
32 84 23 00-0281	EA		Stainless Steel Fully Enclosed Riser For Calsense SSE Enclosures (Calsense SSE-PED)	894.47	
32 84 23 00-0282 Central Computer For Irrigation Control Systems (32 84 23 00-0210)					
32 84 23 00-0283	EA		Central Computer For Irrigation Control Systems (Calsense COMP-2).....	6,245.69	
Note: Includes a minimum of 133 MHz Pentium, 32 Meg Ram, 1.2 GB hard drive, 14.4 modem and a printer. Excludes Command Center Water Management software.					
32 84 23 00-0284	EA		Command Center Water Management Software For Central Computer (Calsense COMM-1).....	11,065.59	
32 84 23 00-0285	EA		Up To 5 Simultaneous Users Capacity, Calsense Advantage Client/Server Database Add-On (Calsense CS-5).....	2,120.48	
Note: Package price for up to 5 users. Includes remote communication through internet connection.					
32 84 23 00-0286	EA		>5 To 10 Simultaneous Users Capacity, Calsense Advantage Client/Server Database Add-On (Calsense CS-10)	4,183.41	
Note: Package price for 6 to 10 users. Includes remote communication through internet connection.					
32 84 23 00-0287	EA		Data Logger With Phone Modem For Irrigation Control Systems (Calsense DL-2)	6,738.55	
32 84 23 00-0288	EA		GPRS Radio For Use At Central Computer (Calsense DTR-G)	4,030.80	
32 84 23 00-0289 Data Access Service (32 84 23 00-0210)					
32 84 23 00-0290	EA		1 Month, Data Access Plan For Up To 2 Controllers (Calsense COMM-1MN).....	34.12	
Note: For communication between GPRS unit and up to 2 controllers.					
32 84 23 00-0291	EA		1 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-1YR)	373.22	
Note: For communication between GPRS unit and up to 2 controllers.					
32 84 23 00-0292	EA		5 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-5YR)	1,599.52	
Note: For communication between GPRS unit and up to 2 controllers.					
32 84 23 00-0293	EA		1 Month, Data Access Plan For Up To 2 Controllers (Calsense COMM-1MN-M).....	138.63	
Note: For communication between GPRS unit and multiple controllers.					
32 84 23 00-0294	EA		1 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-1YR-M).....	1,492.89	
Note: For communication between GPRS unit and multiple controllers.					
32 84 23 00-0295	EA		5 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-5YR-M).....	6,398.10	
Note: For communication between GPRS unit and multiple controllers.					
32 84 23 00-0296 Communication Options For Irrigation Controllers (32 84 23 00-0210)					
32 84 23 00-0297	EA		FCC License Fee (Calsense).....	222.38	
32 84 23 00-0298	EA		P.C.I.A. And/Or A.P.C.O. Fee (Calsense)	435.65	
Note: Per frequency or frequency pair.					
32 84 23 00-0299	EA		Hardware Communication Option For Irrigation Controllers (Calsense M)	1,236.97	
Note: Allows multiple controllers to be chained together via a communications cable and share one phone line.					
32 84 23 00-0300	EA		Phone Line Communication Option For Irrigation Controllers (Calsense R)	1,300.95	
32 84 23 00-0301	EA		Ethernet Communication Option For Irrigation Controllers (Calsense EN)	1,300.95	
32 84 23 00-0302	EA		WiFi Communication Option For Irrigation Controllers (Calsense WEN)	2,665.88	
32 84 23 00-0303	EA		Local Radio Communication Option For Irrigation Controllers (Calsense LR)	3,390.99	
32 84 23 00-0304	EA		Spread Spectrum Radio Communication Option For Irrigation Controllers (Calsense SR)	3,390.99	
32 84 23 00-0305	EA		GPRS Radio Modem Communication Option For Irrigation Controllers (Calsense GR).....	3,390.99	
32 84 23 00-0306	EA		Fiber Optic Modem Communication Option For Irrigation Controllers (Calsense FOM)	10,876.77	
32 84 23 00-0307	EA		Communication Hub For Irrigation Controllers (Calsense HUB)	4,183.87	
Note: Accepts up to two communication options. Excludes communication options.					
32 84 23 00-0308 Retrofit Options For Irrigation Controllers (32 84 23 00-0210)					
32 84 23 00-0309 Weather Retrofits For Irrigation Controllers (32 84 23 00-0308)					
32 84 23 00-0310	EA		Add One Flow Sensor Interface To An Existing Calsense Controller (Calsense F-RETRO)	1,649.72	
32 84 23 00-0311	EA		Add One ET Gage Interface To An Existing Calsense Controller (Calsense G-RETRO)	1,649.72	
32 84 23 00-0312	EA		Add One Tipping Rain Bucket Interface To An Existing Calsense Controller (Calsense RB-RETRO)	1,649.72	
32 84 23 00-0313	EA		Add One Wind Gage Interface To An Existing Calsense Controller (Calsense WG-RETRO)	1,649.72	
32 84 23 00-0314 Phone Communication Retrofits For Irrigation Controllers (32 84 23 00-0308)					
32 84 23 00-0315	EA		Add The Ability To Chain To Another Calsense Controller With The Phone Line Communication Option And Share One Phone Line (Calsense M-RETRO)	1,735.03	
32 84 23 00-0316	EA		Add The Phone Line Communication Option To An Existing Calsense Controller (Calsense R-RETRO).....	2,054.94	
32 84 23 00-0317	EA		Add The Phone Line Communication Option And The Ability To Chain To Another Calsense Controller And Share One Phone Line (Calsense MLR-RETRO).....	3,302.57	
32 84 23 00-0318 Local Radio Communication Retrofits For Irrigation Controllers (32 84 23 00-0308)					

32 Exterior Improvements**32 80 Irrigation****32 84 Planting Irrigation**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0319	EA		Add The Ability To Chain To Another Calsense Controller With The Local Radio Communication Option And Share One Local Radio (Calsense ML-RETRO).....	1,948.30	
32 84 23 00-0320	EA		Add The Local Radio Communication Option To An Existing Calsense Controller (Calsense LR-RETRO).....	4,123.66	
32 84 23 00-0321	EA		Add The Local Radio Communication Option And The Ability To Chain To Another Calsense Controller And Share One Local Radio (Calsense MLR-RETRO).....	5,360.62	
32 84 23 00-0322			Spread Spectrum Radio Communication Retrofits For Irrigation Controllers		
			<i>(32 84 23 00-0308)</i>		
32 84 23 00-0323	EA		Add The Ability To Chain To Another Calsense Controller With The Spread Spectrum Radio Communication Option And Share One Spread Spectrum Radio (Calsense MS-RETRO).....	1,948.30	
32 84 23 00-0324	EA		Add The Spread Spectrum Radio Communication Option To An Existing Calsense Controller (Calsense SR-RETRO).....	4,123.66	
32 84 23 00-0325	EA		Add The Spread Spectrum Radio Communication Option And The Ability To Chain To Another Calsense Controller And Share One Spread Spectrum Radio (Calsense MSR-RETRO).....	5,360.62	
32 84 23 00-0326			Ethernet Communication Retrofits For Irrigation Controllers		
			<i>(32 84 23 00-0308)</i>		
32 84 23 00-0327	EA		Add The Ability To Chain To Another Calsense Controller With The Ethernet Communication Option And Share One Ethernet Device (Calsense ME-Retro).....	1,948.30	
32 84 23 00-0328	EA		Add The Ethernet Communication Option To An Existing Calsense Controller (Calsense EN-RETRO).....	2,054.94	
32 84 23 00-0329	EA		Add The Ethernet Communication Option And The Ability To Chain To Another Calsense Controller And Share One Ethernet Device (Calsense MEN-RETRO).....	3,302.57	
32 84 23 00-0330			GPRS Radio Modem Communication Retrofits For Irrigation Controllers		
			<i>(32 84 23 00-0308)</i>		
32 84 23 00-0331	EA		Add The Ability To Chain To Another Calsense Controller With The GPRS Communication Option And Share One GPRS Modem (Calsense MG-RETRO).....	1,948.30	
32 84 23 00-0332	EA		Add The GPRS Communication Option To An Existing Calsense Controller (Calsense GR-RETRO).....	4,123.66	
32 84 23 00-0333	EA		Add The GPRS Communication Option And The Ability To Chain To Another Calsense Controller And Share One GPRS Modem (Calsense MGR-RETRO).....	5,360.62	
32 84 23 00-0334			Radio Remote Units For Irrigation Controllers		
			<i>(32 84 23 00-0210)</i>		
32 84 23 00-0335	EA		Enhanced Radio Remote Hand-Held Transmitter With Carry Case (Calsense RRe-TRAN).....	1,958.97	
32 84 23 00-0336	EA		Calsense Integrated Radio Remote Receiver Board (Calsense RR/RRe).....	422.27	
			Note: Includes polyvinyl chloride (PVC) stick antenna. Excludes antenna cable.		
32 84 23 00-0337	EA		Wall Mount Charger For Hand-Held Transmitter (Calsense RRTRAN-CHG).....	181.28	
32 84 23 00-0338	EA		Removal And Replacement Of Battery For Hand-Held Transmitter (Calsense RRTRAN-BAT).....	319.13	
32 84 23 00-0339	EA		Polyvinyl Chloride (PVC) Stick Antenna For Radio Remote Receiver Board (Calsense RR-ANT).....	201.83	10.28
			Note: Excludes antenna cable.		
32 84 23 00-0340	EA		Whip Antenna For Radio Remote Receiver Board (Calsense RRe-WHIP).....	393.77	10.28
			Note: Excludes antenna cable.		
32 84 23 00-0341	EA		Dome Antenna For Radio Remote Receiver Board (Calsense RR-Dome/RRe-Dome).....	425.76	10.28
			Note: Excludes antenna cable.		
32 84 23 00-0342			Satellite Irrigation Controllers (Rain Bird® ESP-SAT)		
			<i>(32 84 23 00-0105)</i>		
			Note: Satellite controllers compatible with Maxi-Con Central Control. Includes link communication with SEMET at the controller and stainless steel cabinet. Excludes concrete pad.		
32 84 23 00-0343	EA		12 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP12SATLS).....	4,570.74	184.94
32 84 23 00-0344	EA		24 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP24SATLS).....	4,820.20	195.22
32 84 23 00-0345	EA		40 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP40SATLS).....	6,712.91	205.49
32 84 23 00-0346			Irrigation Valves		
			<i>(32 84 23)</i>		
32 84 23 00-0347			Reduced Pressure Zone Valves With QT Shut-Offs		
			<i>(32 84 23 00-0346)</i>		
			Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 009 QT series).		
32 84 23 00-0348	EA		3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M3 QT series).....	794.11	44.11
32 84 23 00-0349	EA		1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series).....	942.23	53.86
32 84 23 00-0350	EA		1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series).....	1,423.58	62.68
32 84 23 00-0351	EA		1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series).....	1,505.21	71.96
32 84 23 00-0352	EA		2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series).....	1,806.19	92.85
32 84 23 00-0353			Brass Quick-Coupling Irrigation Valves		
			<i>(32 84 23 00-0346)</i>		
32 84 23 00-0354	EA		3/4", 1-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 3RC).....	161.12	38.48
			For Valve Key, Add	43.42	
32 84 23 00-0355	EA		3/4", 2-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 33DRC).....	166.15	38.48
			For Locking Cover, Add	25.00	
			For Valve Key, Add	43.42	
32 84 23 00-0356	EA		1", 1-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 44RC).....	221.39	38.48
			For Valve Key, Add	111.07	
32 84 23 00-0357	EA		1", 2-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 44LRC).....	241.47	38.48
			For Valve Key, Add	111.07	
32 84 23 00-0358	EA		1", 1-Piece Brass Body, Non-Potable (Purple) Quick-Coupling Irrigation Valve (Rain Bird® 5NP).....	232.02	38.48
32 84 23 00-0359	EA		1", 2-Piece Brass Body, Non-Potable (Purple) Quick-Coupling Irrigation Valve (Rain Bird® 44NP).....	241.47	38.48
32 84 23 00-0360			Anti-Siphon Pressure Type Vacuum Breaker		
			<i>(32 84 23 00-0346)</i>		
			Note: Pressure: 15 to 150 PSI, temperature: 33 to 140 degrees Fahrenheit.		
32 84 23 00-0361	EA		3/4" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT).....	281.37	32.50
32 84 23 00-0362	EA		1" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT).....	403.01	37.14
32 84 23 00-0363	EA		1-1/4" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT).....	730.73	42.94

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 84 23 00-0364	EA		1-1/2" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT).....	890.01	47.58
32 84 23 00-0365	EA		2" Anti-Siphon Pressure Type Vacuum Breaker	897.82	58.04

32 84 23 00-0366 Irrigation Piping (32 84 23)

32 84 23 00-0367 Irrigation Piping With Fittings, On Grade With Pipe Stabilizers (32 84 23 00-0366)

Note: Install stabilizers every 20', at change of direction and at sprinkler heads less than 12" tall.

32 84 23 00-0368 Schedule 40 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, On Grade With Pipe Stabilizers (32 84 23 00-0367)

32 84 23 00-0369	LF		1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	3.55	1.07
			For >1,000, Deduct	-0.18	
32 84 23 00-0370	LF		3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	4.36	1.34
			For >1,000, Deduct	-0.22	
32 84 23 00-0371	LF		1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	5.38	1.60
			For >1,000, Deduct	-0.27	
32 84 23 00-0372	LF		1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	7.24	2.03
			For >1,000, Deduct	-0.36	
32 84 23 00-0373	LF		2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	9.19	2.55
			For >1,000, Deduct	-0.46	
32 84 23 00-0374	LF		2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	12.17	2.97
			For >1,000, Deduct	-0.61	
32 84 23 00-0375	LF		3" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	16.51	4.27
			For >1,000, Deduct	-0.83	
32 84 23 00-0376	LF		4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	21.96	5.35
			For >1,000, Deduct	-1.10	
32 84 23 00-0377	LF		6" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	32.70	6.68
			For >1,000, Deduct	-1.64	

32 84 23 00-0378 Class 200, SDR-21 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, On Grade With Pipe Stabilizers (32 84 23 00-0367)

32 84 23 00-0379	LF		3/4" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers	3.99	1.34
			For >1,000, Deduct	-0.20	
32 84 23 00-0380	LF		1" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers	4.77	1.60
			For >1,000, Deduct	-0.24	
32 84 23 00-0381	LF		1-1/2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers	6.82	2.03
			For >1,000, Deduct	-0.34	
32 84 23 00-0382	LF		2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers	8.83	2.55
			For >1,000, Deduct	-0.44	
32 84 23 00-0383	LF		2-1/2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers	11.63	2.97
			For >1,000, Deduct	-0.58	
32 84 23 00-0384	LF		3" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	16.30	4.27
			For >1,000, Deduct	-0.82	
32 84 23 00-0385	LF		4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	23.09	5.35
			For >1,000, Deduct	-1.15	
32 84 23 00-0386	LF		6" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	39.86	6.68
			For >1,000, Deduct	-1.99	

32 84 23 00-0387 Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, On Grade With Pipe Stabilizers (32 84 23 00-0367)

32 84 23 00-0388	LF		3/4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	4.29	1.34
			For >1,000, Deduct	-0.21	
32 84 23 00-0389	LF		1" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	5.18	1.60
			For >1,000, Deduct	-0.26	
32 84 23 00-0390	LF		1-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	7.61	2.03
			For >1,000, Deduct	-0.38	
32 84 23 00-0391	LF		2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	10.15	2.55
			For >1,000, Deduct	-0.51	
32 84 23 00-0392	LF		2-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	13.73	2.97
			For >1,000, Deduct	-0.69	
32 84 23 00-0393	LF		3" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	16.51	4.27
			For >1,000, Deduct	-0.83	
32 84 23 00-0394	LF		4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	21.96	5.35
			For >1,000, Deduct	-1.10	
32 84 23 00-0395	LF		6" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	33.40	6.68
			For >1,000, Deduct	-1.67	

32 84 23 00-0396 Irrigation Piping With Fittings, Trenching, Cover, Backfilled And Compacted (32 84 23 00-0366)

Note: Install thrust blocks per Caltrans details for 3" piping and larger, upstream of remote control valve.

32 84 23 00-0397 Schedule 40 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 12" Of Cover, Backfilled And Compacted (32 84 23 00-0396)

32 84 23 00-0398	LF		3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	6.40	1.34
			For >1,000, Deduct	-0.32	
32 84 23 00-0399	LF		1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	7.43	1.60
			For >1,000, Deduct	-0.37	
32 84 23 00-0400	LF		1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	9.29	2.03
			For >1,000, Deduct	-0.46	
32 84 23 00-0401	LF		2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	11.23	2.55
			For >1,000, Deduct	-0.56	
32 84 23 00-0402	LF		2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	14.23	2.97
			For >1,000, Deduct	-0.71	

32 Exterior Improvements**32 80 Irrigation****32 84 Planting Irrigation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 84 23 00-0403	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	18.57	4.27
		<i>For >1,000, Deduct</i>	-0.93	
32 84 23 00-0404	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	24.00	5.35
		<i>For >1,000, Deduct</i>	-1.20	
32 84 23 00-0405	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	34.74	6.68
		<i>For >1,000, Deduct</i>	-1.74	
32 84 23 00-0406		Schedule 40 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 18" Of Cover, Backfilled And Compacted <small>(32 84 23 00-0396)</small>		
32 84 23 00-0407	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	6.66	1.34
		<i>For >1,000, Deduct</i>	-0.33	
32 84 23 00-0408	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	7.68	1.60
		<i>For >1,000, Deduct</i>	-0.38	
32 84 23 00-0409	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	9.55	2.03
		<i>For >1,000, Deduct</i>	-0.48	
32 84 23 00-0410	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	11.48	2.55
		<i>For >1,000, Deduct</i>	-0.57	
32 84 23 00-0411	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	14.47	2.97
		<i>For >1,000, Deduct</i>	-0.72	
32 84 23 00-0412	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	18.82	4.27
		<i>For >1,000, Deduct</i>	-0.94	
32 84 23 00-0413	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	24.25	5.35
		<i>For >1,000, Deduct</i>	-1.21	
32 84 23 00-0414	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	34.99	6.68
		<i>For >1,000, Deduct</i>	-1.75	
32 84 23 00-0415		Schedule 40 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 24" Of Cover, Backfilled And Compacted <small>(32 84 23 00-0396)</small>		
32 84 23 00-0416	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	6.91	1.34
		<i>For >1,000, Deduct</i>	-0.35	
32 84 23 00-0417	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	7.93	1.60
		<i>For >1,000, Deduct</i>	-0.40	
32 84 23 00-0418	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	9.80	2.03
		<i>For >1,000, Deduct</i>	-0.49	
32 84 23 00-0419	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	11.74	2.55
		<i>For >1,000, Deduct</i>	-0.59	
32 84 23 00-0420	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	14.72	2.97
		<i>For >1,000, Deduct</i>	-0.74	
32 84 23 00-0421	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	19.07	4.27
		<i>For >1,000, Deduct</i>	-0.95	
32 84 23 00-0422	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	24.51	5.35
		<i>For >1,000, Deduct</i>	-1.23	
32 84 23 00-0423	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	35.25	6.68
		<i>For >1,000, Deduct</i>	-1.76	
32 84 23 00-0424		Class 200, SDR-21 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 12" Of Cover, Backfilled And Compacted <small>(32 84 23 00-0396)</small>		
32 84 23 00-0425	LF	3/4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	6.21	1.34
		<i>For >1,000, Deduct</i>	-0.31	
32 84 23 00-0426	LF	1" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	7.12	1.60
		<i>For >1,000, Deduct</i>	-0.36	
32 84 23 00-0427	LF	1-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	9.31	2.03
		<i>For >1,000, Deduct</i>	-0.47	
32 84 23 00-0428	LF	2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	11.87	2.55
		<i>For >1,000, Deduct</i>	-0.59	
32 84 23 00-0429	LF	2-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	15.27	2.97
		<i>For >1,000, Deduct</i>	-0.76	
32 84 23 00-0430	LF	3" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	18.36	4.27
		<i>For >1,000, Deduct</i>	-0.92	
32 84 23 00-0431	LF	4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	25.14	5.35
		<i>For >1,000, Deduct</i>	-1.26	
32 84 23 00-0432	LF	6" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	41.90	6.68
		<i>For >1,000, Deduct</i>	-2.10	
32 84 23 00-0433		Class 200, SDR-21 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 18" Of Cover, Backfilled And Compacted <small>(32 84 23 00-0396)</small>		
32 84 23 00-0434	LF	3/4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	6.47	1.34
		<i>For >1,000, Deduct</i>	-0.32	
32 84 23 00-0435	LF	1" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	7.37	1.60
		<i>For >1,000, Deduct</i>	-0.37	
32 84 23 00-0436	LF	1-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	9.57	2.03
		<i>For >1,000, Deduct</i>	-0.48	
32 84 23 00-0437	LF	2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	12.12	2.55
		<i>For >1,000, Deduct</i>	-0.61	
32 84 23 00-0438	LF	2-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	15.51	2.97
		<i>For >1,000, Deduct</i>	-0.78	
32 84 23 00-0439	LF	3" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	18.61	4.27
		<i>For >1,000, Deduct</i>	-0.93	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0440	LF		4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	25.39	5.35
			<i>For >1,000, Deduct</i>	-1.27	
32 84 23 00-0441	LF		6" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	42.15	6.68
			<i>For >1,000, Deduct</i>	-2.11	
32 84 23 00-0442			Class 200, SDR-21 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 24" Of Cover, Backfilled And Compacted <small>(32 84 23 00-0396)</small>		
32 84 23 00-0443	LF		3/4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	6.72	1.34
			<i>For >1,000, Deduct</i>	-0.34	
32 84 23 00-0444	LF		1" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	7.62	1.60
			<i>For >1,000, Deduct</i>	-0.38	
32 84 23 00-0445	LF		1-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 124" Of Cover, Backfilled And Compacted	9.82	2.03
			<i>For >1,000, Deduct</i>	-0.49	
32 84 23 00-0446	LF		2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	12.38	2.55
			<i>For >1,000, Deduct</i>	-0.62	
32 84 23 00-0447	LF		2-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	15.76	2.97
			<i>For >1,000, Deduct</i>	-0.79	
32 84 23 00-0448	LF		3" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	18.86	4.27
			<i>For >1,000, Deduct</i>	-0.94	
32 84 23 00-0449	LF		4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	25.65	5.35
			<i>For >1,000, Deduct</i>	-1.28	
32 84 23 00-0450	LF		6" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	42.41	6.68
			<i>For >1,000, Deduct</i>	-2.12	
32 84 23 00-0451			Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 12" Of Cover, Backfilled And Compacted <small>(32 84 23 00-0396)</small>		
32 84 23 00-0452	LF		3/4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	6.34	1.34
			<i>For >1,000, Deduct</i>	-0.32	
32 84 23 00-0453	LF		1" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	7.24	1.60
			<i>For >1,000, Deduct</i>	-0.36	
32 84 23 00-0454	LF		1-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	9.65	2.03
			<i>For >1,000, Deduct</i>	-0.48	
32 84 23 00-0455	LF		2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	12.20	2.55
			<i>For >1,000, Deduct</i>	-0.61	
32 84 23 00-0456	LF		2-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	15.79	2.97
			<i>For >1,000, Deduct</i>	-0.79	
32 84 23 00-0457	LF		3" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	18.57	4.27
			<i>For >1,000, Deduct</i>	-0.93	
32 84 23 00-0458	LF		4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	24.00	5.35
			<i>For >1,000, Deduct</i>	-1.20	
32 84 23 00-0459	LF		6" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	35.44	6.68
			<i>For >1,000, Deduct</i>	-1.77	
32 84 23 00-0460			Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 18" Of Cover, Backfilled And Compacted <small>(32 84 23 00-0396)</small>		
32 84 23 00-0461	LF		3/4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	6.60	1.34
			<i>For >1,000, Deduct</i>	-0.33	
32 84 23 00-0462	LF		1" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	7.49	1.60
			<i>For >1,000, Deduct</i>	-0.37	
32 84 23 00-0463	LF		1-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	9.91	2.03
			<i>For >1,000, Deduct</i>	-0.50	
32 84 23 00-0464	LF		2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	12.45	2.55
			<i>For >1,000, Deduct</i>	-0.62	
32 84 23 00-0465	LF		2-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	16.03	2.97
			<i>For >1,000, Deduct</i>	-0.80	
32 84 23 00-0466	LF		3" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	18.82	4.27
			<i>For >1,000, Deduct</i>	-0.94	
32 84 23 00-0467	LF		4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	24.25	5.35
			<i>For >1,000, Deduct</i>	-1.21	
32 84 23 00-0468	LF		6" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	35.69	6.68
			<i>For >1,000, Deduct</i>	-1.78	
32 84 23 00-0469			Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 24" Of Cover, Backfilled And Compacted <small>(32 84 23 00-0396)</small>		
32 84 23 00-0470	LF		3/4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	6.85	1.34
			<i>For >1,000, Deduct</i>	-0.34	
32 84 23 00-0471	LF		1" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	7.74	1.60
			<i>For >1,000, Deduct</i>	-0.39	
32 84 23 00-0472	LF		1-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	10.16	2.03
			<i>For >1,000, Deduct</i>	-0.51	
32 84 23 00-0473	LF		2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	12.71	2.55
			<i>For >1,000, Deduct</i>	-0.64	

32 Exterior Improvements**32 80 Irrigation****32 84 Planting Irrigation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0474	LF		2-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	16.28 -0.81	2.97
32 84 23 00-0475	LF		3" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	19.07 -0.95	4.27
32 84 23 00-0476	LF		4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	24.51 -1.23	5.35
32 84 23 00-0477	LF		6" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	35.95 -1.80	6.68
32 84 23 00-0478 Irrigation Riser Piping With Fittings (32 84 23 00-0366)					
32 84 23 00-0479	EA		1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 6" Exposed, Type IV Note: Includes #4 steel reinforcing bar, stainless steel hose clamp	19.63	3.20
32 84 23 00-0480	EA		3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 6" Exposed, Type IV Note: Includes #4 steel reinforcing bar, stainless steel hose clamp	21.26	4.01
32 84 23 00-0481	EA		1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 12" Exposed, Type IV Note: Includes #4 steel reinforcing bar, stainless steel hose clamp	21.06	3.74
32 84 23 00-0482	EA		3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 12" Exposed, Type IV Note: Includes #4 steel reinforcing bar, stainless steel hose clamp	23.05	4.67
32 84 23 00-0483	EA		1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 24" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	42.27	5.61
32 84 23 00-0484	EA		3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 24" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	45.10	7.01
32 84 23 00-0485	EA		1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 36" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	49.77	7.21
32 84 23 00-0486	EA		3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 36" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	53.42	9.02
32 84 23 00-0487	EA		1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 48" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	57.27	8.81
32 84 23 00-0488	EA		3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 48" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	61.73	11.03
32 84 23 00-0489 Irrigation Crossover Piping With Fittings (32 84 23 00-0366)					
Note: Install per Caltrans details. Includes thrust blocks, HDPE sleeve pipe and fittings, 3" pvc irrigation piping and 1" electrical pvc conduit. Excludes #5 concrete irrigation pull boxes on ends, electrical control wiring. See CSI section 32 84 23 00-0095 for #5 concrete pull box, 32 84 23 00-0533 for irrigation wiring.					
32 84 23 00-0490 Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 24" Open Trench (32 84 23 00-0489)					
32 84 23 00-0491	LF		6" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 24" Open Trench Installation..... <i>For >1,000, Deduct</i>	48.10 -2.41	
32 84 23 00-0492	LF		8" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 24" Open Trench Installation..... <i>For >1,000, Deduct</i>	69.46 -3.47	
32 84 23 00-0493	LF		10" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 24" Open Trench Installation..... <i>For >1,000, Deduct</i>	97.45 -4.87	
32 84 23 00-0494	LF		12" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 24" Open Trench Installation..... <i>For >1,000, Deduct</i>	129.97 -6.50	
32 84 23 00-0495 Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench (32 84 23 00-0489)					
32 84 23 00-0496	LF		6" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation..... <i>For >1,000, Deduct</i>	48.85 -2.44	
32 84 23 00-0497	LF		8" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation..... <i>For >1,000, Deduct</i>	70.30 -3.52	
32 84 23 00-0498	LF		10" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation..... <i>For >1,000, Deduct</i>	98.36 -4.92	
32 84 23 00-0499	LF		12" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation..... <i>For >1,000, Deduct</i>	130.96 -6.55	
32 84 23 00-0500 Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 48" Open Trench (32 84 23 00-0489)					
32 84 23 00-0501	LF		6" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 48" Open Trench Installation..... <i>For >1,000, Deduct</i>	49.60 -2.48	
32 84 23 00-0502	LF		8" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation..... <i>For >1,000, Deduct</i>	71.13 -3.56	
32 84 23 00-0503	LF		10" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation..... <i>For >1,000, Deduct</i>	99.28 -4.96	
32 84 23 00-0504	LF		12" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation..... <i>For >1,000, Deduct</i>	131.96 -6.60	
32 84 23 00-0505 Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), Directional Bore (32 84 23 00-0489)					
32 84 23 00-0506	LF		6" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), Directional Bore Installation <i>For >1,000, Deduct</i>	102.44 -5.12	
32 84 23 00-0507	LF		8" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), Directional Bore Installation <i>For >1,000, Deduct</i>	134.81 -6.74	
32 84 23 00-0508	LF		10" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), Directional Bore Installation <i>For >1,000, Deduct</i>	168.20 -8.41	
32 84 23 00-0509	LF		12" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), Directional Bore Installation <i>For >1,000, Deduct</i>	206.15 -10.31	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 84 23 00-0510			Below Ground Cam Adapter Assembly (32 84 23 00-0366) Note: Includes minimum 6" depth gravel or crushed rock, woven wire cloth, jumbo valve box with 15" x 21.5" cover, 1-1/2" brass ball valve, 1-1/2" aluminum male cam adapter x female NPT, 1-1/2" PVC elbow, 2" PVC reducing tee, 30" PVC pipe		
32 84 23 00-0511	EA		Below Ground Cam Adapter Assembly .....715.04 Note: Includes 6" depth gravel or crushed rock, woven wire cloth, jumbo valve box with 15" x 21.5" cover, 1-1/2" brass ball valve, 1-1/2" aluminum male cam adapter x female NPT, 1-1/2" PVC elbow, 2" PVC reducing tee, 30" PVC pipe.	715.04	
32 84 23 00-0512			Above Ground Cam Adapter Assembly (32 84 23 00-0366) Note: Includes concrete thrust block, 1-1/2" plastic ball valve, 1-1/2" aluminum male cam adapter x female NPT, 1-1/2" PVC elbow, 2" PVC reducing tee, 30" PVC pipe		
32 84 23 00-0513	EA		Above Ground Cam Adapter Assembly .....441.34 Note: Includes concrete thrust block, 1-1/2" plastic ball valve, 1-1/2" aluminum male cam adapter x female NPT, 1-1/2" PVC elbow, 2" PVC reducing tee, 30" PVC pipe.	441.34	
32 84 23 00-0514			Thrust Block (32 84 23 00-0366)		
32 84 23 00-0515	EA		Thrust Block For 1-1/2" Pipe Size And Smaller .....36.72	36.72	
32 84 23 00-0516	EA		Thrust Block For 2" Pipe .....63.43	63.43	
32 84 23 00-0517	EA		Thrust Block For 3" And 4" Pipe .....90.12	90.12	
32 84 23 00-0518	EA		Thrust Block For 6" Pipe .....144.09	144.09	
32 84 23 00-0519	EA		Thrust Block For 8" Pipe .....205.81	205.81	
32 84 23 00-0520			Irrigation Swing Joints (32 84 23)		
32 84 23 00-0521	EA		3/4" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint (Rain Bird® TSJ12075) .....61.44	61.44	21.28
32 84 23 00-0522	EA		1" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint (Rain Bird® TSJ12) .....69.89	69.89	23.75
32 84 23 00-0523	EA		1" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint With 70 PSI Pressure Regulator (Rain Bird® TSJ100PRS) .....93.52	93.52	23.75
32 84 23 00-0524	EA		1/2" Diameter, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type I .....45.23	45.23	27.72
32 84 23 00-0525	EA		3/4" Diameter, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type I .....60.45	60.45	36.98
32 84 23 00-0526	EA		1" Diameter, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type I .....76.29	76.29	45.35
32 84 23 00-0527	EA		1/2" Diameter, 24" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type II .....64.10	64.10	28.16
32 84 23 00-0528	EA		3/4" Diameter, 24" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type II .....84.76	84.76	37.35
32 84 23 00-0529	EA		1" Diameter, 24" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type II .....104.46	104.46	45.81
32 84 23 00-0530	EA		1/2" Diameter, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type III .....36.14	36.14	17.24
32 84 23 00-0531	EA		3/4" Diameter, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type III .....48.32	48.32	22.99
32 84 23 00-0532	EA		1" Diameter, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type III .....57.55	57.55	28.51
32 84 23 00-0533			Irrigation Control Wire (32 84 23) Note: Excludes excavation and backfill.		
32 84 23 00-0534			18 AWG, Irrigation Control Wire, Buried In Trench (32 84 23 00-0533)		
32 84 23 00-0535	CLF		1-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....51.79	51.79	16.04
32 84 23 00-0536	CLF		2-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....68.11	68.11	18.71
32 84 23 00-0537	CLF		3-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....78.38	78.38	21.38
32 84 23 00-0538	CLF		4-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....89.76	89.76	24.05
32 84 23 00-0539	CLF		5-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....102.21	102.21	26.73
32 84 23 00-0540	CLF		6-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....122.38	122.38	29.39
32 84 23 00-0541	CLF		7-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....141.69	141.69	32.06
32 84 23 00-0542	CLF		8-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....153.97	153.97	34.73
32 84 23 00-0543	CLF		9-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....169.11	169.11	37.41
32 84 23 00-0544	CLF		10-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....186.54	186.54	40.08
32 84 23 00-0545	CLF		11-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....192.94	192.94	42.75
32 84 23 00-0546	CLF		12-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....200.49	200.49	45.42
32 84 23 00-0547	CLF		13-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....211.52	211.52	48.10
32 84 23 00-0548			16 AWG, Irrigation Control Wire, Buried In Trench (32 84 23 00-0533)		
32 84 23 00-0549	CLF		1-Conductor, 16 AWG, Irrigation Control Wire, Buried In Trench .....54.71	54.71	16.04
32 84 23 00-0550			14 AWG, Irrigation Control Wire, Buried In Trench (32 84 23 00-0533)		
32 84 23 00-0551	CLF		1-Conductor, 14 AWG, Irrigation Control Wire, Buried In Trench .....54.72	54.72	16.04
32 84 23 00-0552			12 AWG, Irrigation Control Wire, Buried In Trench (32 84 23 00-0533)		
32 84 23 00-0553	CLF		1-Conductor, 12 AWG, Irrigation Control Wire, Buried In Trench .....73.99	73.99	16.04

32 Exterior Improvements

32 80 Irrigation

32 84 Planting Irrigation

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 84 23 00-0554	10 AWG, Irrigation Control Wire, Buried In Trench <small>(32 84 23 00-0533)</small>		
32 84 23 00-0555	CLF 1-Conductor, 10 AWG, Irrigation Control Wire, Buried In Trench	98.42	16.04
32 84 23 00-0556	Root Watering Systems <small>(32 84 23)</small>		
	Note: Includes swing assembly.		
32 84 23 00-0557	EA 0.25 GPM Bubbler On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-1401).....	99.13	21.38
	<i>For Root Watering Sand Sock, Add</i>	1.28	
32 84 23 00-0558	EA 0.25 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1401)	106.95	21.38
	<i>For Root Watering Sand Sock, Add</i>	1.28	
32 84 23 00-0559	EA 0.5 GPM Bubbler On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-1402).....	99.13	21.38
	<i>For Root Watering Sand Sock, Add</i>	1.28	
32 84 23 00-0560	EA 0.5 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1402)	106.95	21.38
	<i>For Root Watering Sand Sock, Add</i>	1.28	
32 84 23 00-0561	EA 1 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1404)	106.95	21.38
	<i>For Root Watering Sand Sock, Add</i>	1.28	
32 84 23 00-0562	EA 0.25 GPM Bubbler On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-1401).....	86.03	18.71
	<i>For Root Watering Sand Sock, Add</i>	1.28	
32 84 23 00-0563	EA 0.25 GPM Bubbler And Check Valve On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-C-1401)	93.54	18.71
	<i>For Root Watering Sand Sock, Add</i>	1.28	
32 84 23 00-0564	EA 0.5 GPM Bubbler On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-1402).....	86.03	18.71
	<i>For Root Watering Sand Sock, Add</i>	1.28	
32 84 23 00-0565	EA 0.5 GPM Bubbler And Check Valve On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-C-1402)	93.54	18.71
	<i>For Root Watering Sand Sock, Add</i>	1.28	
32 84 23 00-0566	EA 0.25 GPM Bubbler On Riser, 10" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-S-B-1401).....	57.93	16.04
	<i>For Root Watering Sand Sock, Add</i>	1.28	
32 84 23 00-0567	EA 0.25 GPM Bubbler And Check Valve On Riser, 10" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-S-B-C-1401).....	65.07	16.04
	<i>For Root Watering Sand Sock, Add</i>	1.28	

32 90 Planting (32)

Note: Plant installation includes the initial watering only. The extended watering period for the establishment of lawns, plants and trees is addressed on a per plant per amount per occurrence basis as directed in the specification. cvs = cultivar. See CSI section 32 01 90 26-0000 for additional "extended watering period" tasks.

32 91 Planting Preparation (32 90)

32 91 13 Soil Preparation (32 91)

32 91 13 16 Mulching (32 91 13)

32 91 13 16-0001 Mulch (32 91 13 16)

Note: Includes loading, delivery up to 15 miles and spreading. 1 CY = 108 SF of mulch spread 3" thick. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

32 91 13 16-0002	CY Pea Gravel Mulch	106.13	
	<i>For >5 To 20, Deduct</i>	-8.73	
	<i>For >20 To 50, Deduct</i>	-13.10	
	<i>For >50, Deduct</i>	-18.41	
	<i>For Work On Slopes >2.5:1, Add</i>	13.71	
32 91 13 16-0003	CY Stone/Gravel Mulch, Marble Chips	329.52	
	<i>For >5 To 20, Deduct</i>	-19.90	
	<i>For >20 To 50, Deduct</i>	-29.85	
	<i>For >50, Deduct</i>	-46.33	
	<i>For Work On Slopes >2.5:1, Add</i>	13.71	
32 91 13 16-0004	CY Stone Mulch, Decomposed Granite Chips	131.77	
	<i>For >5 To 20, Deduct</i>	-10.02	
	<i>For >20 To 50, Deduct</i>	-15.02	
	<i>For >50, Deduct</i>	-21.61	
	<i>For Work On Slopes >2.5:1, Add</i>	13.71	
32 91 13 16-0005	CY Pine Bark Nugget Mulch	115.41	
	<i>For >5 To 20, Deduct</i>	-9.20	
	<i>For >20 To 50, Deduct</i>	-13.80	
	<i>For >50, Deduct</i>	-19.57	
	<i>For Work On Slopes >2.5:1, Add</i>	13.71	
32 91 13 16-0006	CY Hardwood Bark Nugget Mulch	113.53	
	<i>For >5 To 20, Deduct</i>	-9.10	
	<i>For >20 To 50, Deduct</i>	-13.65	
	<i>For >50, Deduct</i>	-19.33	
	<i>For Work On Slopes >2.5:1, Add</i>	13.71	
32 91 13 16-0007	CY Pine Wood Chip Mulch	109.78	
	<i>For >5 To 20, Deduct</i>	-8.92	
	<i>For >20 To 50, Deduct</i>	-13.37	
	<i>For >50, Deduct</i>	-18.86	
	<i>For Work On Slopes >2.5:1, Add</i>	13.71	
32 91 13 16-0008	CY Hardwood Chip Mulch.....	117.28	
	<i>For >5 To 20, Deduct</i>	-9.29	
	<i>For >20 To 50, Deduct</i>	-13.94	
	<i>For >50, Deduct</i>	-19.80	
	<i>For Work On Slopes >2.5:1, Add</i>	13.71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 91 13 16-0009	CY		Shredded Hardwood Mulch	117.28	
			For >5 To 20, Deduct	-9.29	
			For >20 To 50, Deduct	-13.94	
			For >50, Deduct	-19.80	
			For Work On Slopes >2.5:1, Add	13.71	
32 91 13 16-0010	CY		Shredded Pine Mulch	100.41	
			For >5 To 20, Deduct	-8.45	
			For >20 To 50, Deduct	-12.67	
			For >50, Deduct	-17.69	
			For Work On Slopes >2.5:1, Add	13.71	
32 91 13 16-0011	CY		Shredded Cedar Mulch	136.97	
			For >5 To 20, Deduct	-10.28	
			For >20 To 50, Deduct	-15.41	
			For >50, Deduct	-22.26	
			For Work On Slopes >2.5:1, Add	13.71	
32 91 13 16-0012	CY		Shredded Cypress Mulch	134.15	
			For >5 To 20, Deduct	-10.13	
			For >20 To 50, Deduct	-15.20	
			For >50, Deduct	-21.91	
			For Work On Slopes >2.5:1, Add	13.71	
32 91 13 16-0013	CY		Shredded Redwood Mulch	141.65	
			For >5 To 20, Deduct	-10.51	
			For >20 To 50, Deduct	-15.76	
			For >50, Deduct	-22.85	
			For Work On Slopes >2.5:1, Add	13.71	
32 91 13 16-0014	CY		Chunk Recycled Tire Mulch	218.41	
			For >5 To 20, Deduct	-15.28	
			For >20 To 50, Deduct	-22.92	
			For >50, Deduct	-33.84	
			For Work On Slopes >2.5:1, Add	17.43	
32 91 13 16-0015	CY		Chunk Colored Recycled Tire Mulch	347.78	
			For >5 To 20, Deduct	-21.75	
			For >20 To 50, Deduct	-32.62	
			For >50, Deduct	-50.01	
			For Work On Slopes >2.5:1, Add	17.43	
32 91 13 16-0016	CY		Shredded Recycled Tire Mulch	349.66	
			For >5 To 20, Deduct	-21.84	
			For >20 To 50, Deduct	-32.76	
			For >50, Deduct	-50.24	
			For Work On Slopes >2.5:1, Add	17.43	
32 91 13 16-0017	CY		Shredded Colored Recycled Tire Mulch	608.41	
			For >5 To 20, Deduct	-34.78	
			For >20 To 50, Deduct	-52.17	
			For >50, Deduct	-82.59	
			For Work On Slopes >2.5:1, Add	17.43	
32 91 13 16-0018	EA		Pine Straw Mulch Bale.....	10.31	
			Note: Covers 50 SF at a thickness of 2" to 4" forming a uniform mat through which none of the original ground surface can be seen.		
			For >100 To 250, Deduct	-0.70	
			For >250 To 500, Deduct	-0.89	
			For >500, Deduct	-1.22	
			For Work On Slopes >2.5:1, Add	0.75	
32 91 13 16-0019	EA		Wheat Straw Mulch Bale	10.54	
			Note: Covers 350 SF forming a uniform mat through which 20 to 40% of the original ground surface can be seen.		
			For >100 To 250, Deduct	-0.67	
			For >250 To 500, Deduct	-0.81	
			For >500, Deduct	-1.20	
			For Work On Slopes >2.5:1, Add	0.57	
32 91 13 16-0020			Compost Soil Amendment (AgriService) <small>(32 91 13 16)</small>		
			Note: Includes loading, delivery up to 15 miles and spreading. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.		
32 91 13 16-0021	CY		Humic Compost (OIM).....	88.18	
			Note: (Agri Service or Equal)		
			For Work On Slopes >2.5:1, Add	13.71	
			For >100 To 1,000, Deduct	-14.69	
			For >1,000, Deduct	-22.52	
32 91 13 26			Planting Beds <small>(32 91 13)</small>		
			Note: Not for use when installing trees and shrubs.		
32 91 13 26-0001			Plant Bed Preparation <small>(32 91 13 26)</small>		
			Note: Not for use when installing trees and shrubs.		
32 91 13 26-0002	SF		Up To 8" Deep, Prepare And Mix Plant Bed, By Machine	1.08	
			Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
			For Work On Slopes >2.5:1, Add	0.22	
32 91 13 26-0003	SF		>8" To 13" Deep, Prepare And Mix Plant Bed, By Machine.....	1.24	
			Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
			For Work On Slopes >2.5:1, Add	0.25	
32 91 13 26-0004	SF		>13" To 18" Deep, Prepare And Mix Plant Bed, By Machine.....	1.46	
			Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
			For Work On Slopes >2.5:1, Add	0.29	
32 91 13 26-0005	SF		Up To 8" Deep, Prepare And Mix Plant Bed By Hand	4.75	
			Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
			For Work On Slopes >2.5:1, Add	0.95	

32 Exterior Improvements**32 90 Planting****32 91 Planting Preparation**
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32 91 13 26-0006	SF	>8" To 13" Deep, Prepare And Mix Plant Bed By Hand.....	5.46	
		Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
		<i>For Work On Slopes >2.5:1, Add</i>	1.09	
32 91 13 26-0007	SF	>13" To 18" Deep, Prepare And Mix Plant Bed By Hand.....	6.42	
		Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
		<i>For Work On Slopes >2.5:1, Add</i>	1.28	
32 91 13 26-0008		Planting Pit Preparation <small>(32 91 13 26)</small>		
		Note: Not for use when installing trees and shrubs.		
32 91 13 26-0009	CY	Excavate Planting Pit By Hand, Sandy Soil.....	82.19	
		Note: For use with existing planting pits.		
		<i>For Work On Slopes >2.5:1, Add</i>	16.44	
32 91 13 26-0010	CY	Excavate Planting Pit By Hand, Heavy Soil.....	164.39	
		Note: For use with existing planting pits.		
		<i>For Work On Slopes >2.5:1, Add</i>	32.88	
32 91 13 26-0011	CY	Excavate Planting Pit By Machine, Sandy Soil.....	13.74	
		Note: For use with existing planting pits.		
		<i>For Work On Slopes >2.5:1, Add</i>	2.75	
32 91 13 26-0012	CY	Excavate Planting Pit By Machine, Heavy Soil.....	17.89	
		Note: For use with existing planting pits.		
		<i>For Work On Slopes >2.5:1, Add</i>	3.58	
32 91 13 26-0013	CY	Backfill Planting Pit By Hand With Topsoil From Stockpile.....	73.04	
		<i>For Work On Slopes >2.5:1, Add</i>	14.61	
32 91 13 26-0014	CY	Backfill Planting Pit By Hand With Contractor Furnished Planting Mix.....	153.25	
		<i>For Work On Slopes >2.5:1, Add</i>	13.49	
32 91 13 26-0015	CY	Backfill Planting Pit By Machine, With Topsoil From Stockpile.....	7.30	
		<i>For Work On Slopes >2.5:1, Add</i>	1.46	
32 91 13 26-0016	CY	Backfill Planting Pit By Machine, With Contractor Furnished Planting Mix.....	104.50	
		<i>For Work On Slopes >2.5:1, Add</i>	3.74	
32 91 13 26-0017		Weed Barrier <small>(32 91 13 26)</small>		
32 91 13 26-0018	SY	Up To 3 Oz/SY Non Woven, Polypropylene Weed Barrier.....	2.25	
		<i>For Work On Slopes >2.5:1, Add</i>	0.13	
32 91 13 26-0019	SY	4 Oz/SY Woven, Polypropylene Weed Barrier.....	3.08	
		<i>For Work On Slopes >2.5:1, Add</i>	0.13	
32 91 13 26-0020	SY	5 Oz/SY Woven, Needle Punched Polypropylene Weed Barrier.....	3.44	
		<i>For Work On Slopes >2.5:1, Add</i>	0.13	
32 91 13 33		Soil Conditioners <small>(32 91 13)</small>		
32 91 13 33-0001		Spread Soil Conditioners <small>(32 91 13 33)</small>		
32 91 13 33-0002	SY	Aluminum Sulfate 1 LB/SY, Push Spreader.....	0.43	
32 91 13 33-0003	MSF	Aluminum Sulfate 110 LB/MSF Tractor Spreader.....	40.75	
32 91 13 33-0004	MSF	Fertilizer, 20 LB/MSF, Push Spreader.....	6.91	
32 91 13 33-0005	MSF	Fertilizer, 20 LB/MSF, Tractor Spread.....	3.01	
32 91 13 33-0006	MSF	Fertilizer, 20 LB/MSF, Truck Spread.....	5.35	
32 91 13 33-0007	SY	Pelletized Lime, 1 LB/SY, Push Spreader.....	0.10	
32 91 13 33-0008	MSF	Pelletized Lime, 110 LB/MSF, Tractor Spreader.....	7.71	
32 91 13 33-0009	SY	Perlite, 1" Deep, Push Spreader.....	3.71	
32 91 13 33-0010	MSF	Perlite, 1" Deep, Tractor Spreader.....	385.43	
32 91 13 33-0011	SY	Vermiculite, Push Spreader.....	3.44	
32 91 13 33-0012	MSF	Vermiculite, Tractor Spreader.....	376.50	
32 91 13 33-0013	SY	Humate Granular Soil Conditioner, 0.10 LB/SY, Push Spreader.....	0.21	
32 91 13 33-0014	MSF	Humate Granular Soil Conditioner, 10 LB/MSF, Tractor Spreader.....	19.64	
32 91 13 36		Lawn Bed Preparation <small>(32 91 13)</small>		
32 91 13 36-0001		Lawn Bed Preparation <small>(32 91 13 36)</small>		
32 91 13 36-0002	MSF	Rake Topsoil With Machine.....	84.99	
32 91 13 36-0003	MSF	Rake Topsoil By Hand.....	65.75	
32 91 13 36-0004	MSF	Screen Loam By Hand.....	43.83	
32 91 13 36-0005	SY	Roll Topsoil With Machine.....	1.11	
32 91 13 36-0006	SY	Roll Topsoil By Hand.....	2.93	
32 91 13 36-0007	MSF	Removal Of Rocks And Debris With Machine.....	10.05	
32 91 13 36-0008	MSF	Removal Of Rocks And Debris By Hand.....	30.78	
32 91 13 36-0009	MSF	Root Raking And Loading, No Boulders.....	52.60	
		<i>For >45 to 225, Deduct</i>	-36.82	
		<i>For >225, Deduct</i>	-47.34	
32 91 13 36-0010	MSF	Root Raking And Loading, With Boulders.....	87.66	
		<i>For >45 to 225, Deduct</i>	-61.36	
		<i>For >225, Deduct</i>	-78.89	
32 91 13 36-0011	MSF	Up To 6" Deep Tilling Topsoil With Tractor.....	4.76	
32 91 13 36-0012	MSF	>6" To 12" Deep Tilling Topsoil With Tractor.....	9.65	
		<i>For Work On Slopes >2.5:1, Add</i>	1.93	
32 91 13 36-0013	SY	Up To 2" Deep Tilling Topsoil With Rototiller.....	0.70	
32 91 13 36-0014	SY	>2" To 4" Deep Tilling Topsoil With Rototiller.....	0.84	
32 91 13 36-0015	SY	>4" To 6" Deep Tilling Topsoil With Rototiller.....	1.05	
32 91 13 36-0016	LF	"V" Cut Soil For Edge Of Planting Beds.....	1.17	
32 91 13 36-0017		Sod Removal <small>(32 91 13 36)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 91 13 36-0018	SY		Removal Of Sod By Hand..... <i>For Work On Slopes >2.5:1, Add</i>	5.54 1.11	
32 91 13 36-0019	SY		Removal Of Sod With Machine..... <i>For Work On Slopes >2.5:1, Add</i>	0.64 0.13	
32 91 13 36-0020	SY		Pile Sod By Hand..... <i>For Work On Slopes >2.5:1, Add</i>	3.29 0.66	
32 91 13 36-0021	SY		Pile Sod With Machine..... <i>For Work On Slopes >2.5:1, Add</i>	1.21 0.24	

32 91 19 Landscape Grading (32 91)
32 91 19 13 Topsoil Placement and Grading (32 91 19)

32 91 19 13-0001			Remove And Stockpile Topsoil On Site (32 91 19 13)		
32 91 19 13-0002	CY		Removal Of Topsoil, 4" Deep Stockpile On Site.....	5.14	
32 91 19 13-0003	CY		Removal Of Topsoil, 6" Deep Stockpile On Site.....	5.08	

32 91 19 13-0004 Screening Topsoil (32 91 19 13)

32 91 19 13-0005	CY		Screen Topsoil With Vibrating Screen, Wet Material (Organic).....	11.06	
32 91 19 13-0006	CY		Screen Topsoil With Vibrating Screen, Dry Material.....	7.37	

32 91 19 13-0007 Spreading Topsoil From Stockpile (32 91 19 13)

32 91 19 13-0008	CY		Spread Topsoil By Machine From Stockpile.....	8.21	
32 91 19 13-0009	CY		Spread Topsoil By Hand From Stockpile.....	62.74	

32 91 19 13-0010 Furnish And Place Imported Screened Topsoil (32 91 19 13)

Note: Includes delivery up to 15 miles from the closest approved source and spread by machine. Excludes hand spreading. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles, 31 23 16 36-0030 for hand spreading.

32 91 19 13-0011	SY		Furnish And Place Imported Screened Topsoil, 2" Deep..... <i>For Unscreened, Deduct</i>	5.49 -0.90	
32 91 19 13-0012	SY		Furnish And Place Imported Screened Topsoil, 4" Deep..... <i>For Unscreened, Deduct</i>	10.65 -1.80	
32 91 19 13-0013	SY		Furnish And Place Imported Screened Topsoil, 6" Deep..... <i>For Unscreened, Deduct</i>	15.58 -2.70	
32 91 19 13-0014	SY		Furnish And Place Imported Screened Topsoil, 9" Deep..... <i>For Unscreened, Deduct</i>	22.77 -4.05	
32 91 19 13-0015	SY		Furnish And Place Imported Screened Topsoil, 12" Deep..... <i>For Unscreened, Deduct</i>	29.95 -5.39	
32 91 19 13-0016	CY		Furnish And Place Imported Screened Topsoil, Over 12" Deep..... <i>For Unscreened, Deduct</i>	84.76 -16.18	

32 91 19 13-0017 Scarify Soil For Planting Preparation (32 91 19 13)

Note: Ripped in multiple directions with 3" maximum clods.

32 91 19 13-0018	MSF		Up To 5,000 SF Scarify Up To 8" Soil With Machine.....	64.33	
32 91 19 13-0019	MSF		>5,000 To 20,000 SF Scarify Up To 8" Soil With Machine.....	45.02	
32 91 19 13-0020	MSF		>20,000 SF Scarify Up To 8" Soil With Machine.....	26.47	

32 92 Turf and Grasses (32 90)
32 92 16 Plugging (32 92)
32 92 16 00-0001 Bermuda Or Centipede Plugging, 1" Deep (32 92 16)

Note: Includes fine grade and soil preparation.

32 92 16 00-0002			6" On Center Plugging (32 92 16 00-0001)		
32 92 16 00-0003	MSF		Plugging By Hand, 6" On Center.....	215.63	
32 92 16 00-0004	MSF		Plugging By Walk Behind Planter, 6" On Center.....	32.47	
32 92 16 00-0005	MSF		Plugging By Towed Planter, 6" On Center.....	25.02	

32 92 16 00-0006 9" On Center Plugging (32 92 16 00-0001)

32 92 16 00-0007	MSF		Plugging By Hand, 9" On Center.....	165.33	
32 92 16 00-0008	MSF		Plugging By Walk Behind Planter, 9" On Center.....	25.29	
32 92 16 00-0009	MSF		Plugging By Towed Planter, 9" On Center.....	18.72	

32 92 16 00-0010 12" On Center Plugging (32 92 16 00-0001)

32 92 16 00-0011	MSF		Plugging By Hand, 12" On Center.....	138.63	
32 92 16 00-0012	MSF		Plugging By Walk Behind Planter, 12" On Center.....	16.97	
32 92 16 00-0013	MSF		Plugging By Towed Planter, 12" On Center.....	11.91	

32 92 19 Seeding (32 92)
32 92 19 13 Mechanical Seeding (32 92 19)

Note: Includes fertilizing, liming, mixing, seeding and initial watering.

32 92 19 13-0001 Tractor Spreader Mechanical Seeding (32 92 19 13)

Note: Excludes straw.

32 Exterior Improvements

32 90 Planting

32 92 Turf and Grasses



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
32 92 19 13-0002	MSF Common Bluegrass, Tractor Spreader Note: 4 LB/MSF spread rate.	48.07	
32 92 19 13-0003	MSF Tall Fescue, Tractor Spreader Note: 5.5 LB/MSF spread rate.	37.53	
32 92 19 13-0004	MSF Rye, Tractor Spreader Note: 10 LB/MSF spread rate.	38.27	
32 92 19 13-0005	MSF Shade Mix, Tractor Spreader Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.	42.07	
32 92 19 13-0006	MSF Turf Mix, Tractor Spreader Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.	44.80	
32 92 19 13-0007	MSF Slope Mix, Tractor Spreader Note: 6 LB/MSF spread rate.	41.16	
32 92 19 13-0008	MSF Utility Mix, Tractor Spreader Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.	36.63	
32 92 19 13-0009	MSF Wild Flower Mix, Tractor Spreader Note: 0.10 LB/MSF spread rate.	28.08	
32 92 19 13-0010	MSF Crown Vetch Mix, Tractor Spreader Note: 4 LB/MSF spread rate.	95.68	
32 92 19 13-0011	MSF Athletic Mix, Tractor Spreader Note: 8 LB/MSF spread rate. Mixture of three varieties of drought resistant bluegrass, tall fescue and Kentucky bluegrass.	55.70	
32 92 19 13-0012	MSF White Clover Mix, Tractor Spreader Note: 7 LB/MSF spread rate.	27.99	
32 92 19 13-0013	MSF Ladino Clover Mix, Tractor Spreader Note: 7 LB/MSF spread rate.	31.62	
32 92 19 13-0014	Hydro Or Air Mechanical Seeding <small>(32 92 19 13)</small>		
32 92 19 13-0015	MSF Common Bluegrass, Hydro Or Air Seeding Note: 4 LB/MSF spread rate.	96.00	
	<i>For Spot Areas Up To 1, Add</i>	98.02	
	<i>For >1 To 4, Add</i>	62.56	
	<i>For >4 To 7.5, Add</i>	42.12	
	<i>For >7.5 To 10, Add</i>	21.06	
	<i>For >45, Deduct</i>	-7.51	
	<i>For Tackifier, Add</i>	1.38	
32 92 19 13-0016	MSF Tall Fescue, Hydro Or Air Seeding Note: 5.5 LB/MSF spread rate.	102.36	
	<i>For Spot Areas Up To 1, Add</i>	100.56	
	<i>For >1 To 4, Add</i>	63.83	
	<i>For >4 To 7.5, Add</i>	42.76	
	<i>For >7.5 To 10, Add</i>	21.38	
	<i>For >45, Deduct</i>	-7.83	
	<i>For Tackifier, Add</i>	1.38	
32 92 19 13-0017	MSF Rye, Hydro Or Air Spread Note: 10 LB/MSF spread rate.	96.26	
	<i>For Spot Areas Up To 1, Add</i>	98.12	
	<i>For >1 To 4, Add</i>	62.61	
	<i>For >4 To 7.5, Add</i>	42.15	
	<i>For >7.5 To 10, Add</i>	21.07	
	<i>For >45, Deduct</i>	-7.52	
	<i>For Tackifier, Add</i>	1.38	
32 92 19 13-0018	MSF Shade Mix, Hydro Or Air Seeding Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.	96.00	
	<i>For Spot Areas Up To 1, Add</i>	98.02	
	<i>For >1 To 4, Add</i>	62.56	
	<i>For >4 To 7.5, Add</i>	42.12	
	<i>For >7.5 To 10, Add</i>	21.06	
	<i>For >45, Deduct</i>	-7.51	
	<i>For Tackifier, Add</i>	1.38	
32 92 19 13-0019	MSF Turf Mix, Hydro Or Air Seeding Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.	102.36	
	<i>For Spot Areas Up To 1, Add</i>	100.56	
	<i>For >1 To 4, Add</i>	63.83	
	<i>For >4 To 7.5, Add</i>	42.76	
	<i>For >7.5 To 10, Add</i>	21.38	
	<i>For >45, Deduct</i>	-7.83	
	<i>For Tackifier, Add</i>	1.38	
32 92 19 13-0020	MSF Slope Mix, Hydro Or Air Seeding Note: 6 LB/MSF spread rate.	99.63	
	<i>For Spot Areas Up To 1, Add</i>	99.47	
	<i>For >1 To 4, Add</i>	63.29	
	<i>For >4 To 7.5, Add</i>	42.48	
	<i>For >7.5 To 10, Add</i>	21.24	
	<i>For >45, Deduct</i>	-7.69	
	<i>For Tackifier, Add</i>	1.38	
32 92 19 13-0021	MSF Utility Mix, Hydro Or Air Seeding Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.	97.43	
	<i>For Spot Areas Up To 1, Add</i>	98.59	
	<i>For >1 To 4, Add</i>	62.85	
	<i>For >4 To 7.5, Add</i>	42.26	
	<i>For >7.5 To 10, Add</i>	21.13	
	<i>For >45, Deduct</i>	-7.58	
	<i>For Tackifier, Add</i>	1.38	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 92 19 13-0022	MSF		Wild Flower Mix, Hydro Or Air Seeding Note: 0.10 LB/MSF spread rate.	90.35	
			For Spot Areas Up To 1, Add	95.76	
			For >1 To 4, Add	61.43	
			For >4 To 7.5, Add	41.56	
			For >7.5 To 10, Add	20.78	
			For >45, Deduct	-7.23	
			For Tackifier, Add	1.38	
32 92 19 13-0023	MSF		Crown Vetch Mix, Hydro Or Air Seeding..... Note: 4 LB/MSF spread rate.	154.15	
			For Spot Areas Up To 1, Add	121.28	
			For >1 To 4, Add	74.19	
			For >4 To 7.5, Add	47.94	
			For >7.5 To 10, Add	23.97	
			For >45, Deduct	-10.42	
			For Tackifier, Add	1.38	
32 92 19 13-0024	MSF		Athletic Mix, Hydro Or Air Seeding Note: 8 LB/MSF spread rate. Mixture of three varieties of drought resistant bluegrass, tall fescue and Kentucky bluegrass.	134.18	
			For Spot Areas Up To 1, Add	113.29	
			For >1 To 4, Add	70.20	
			For >4 To 7.5, Add	45.94	
			For >7.5 To 10, Add	22.97	
			For >45, Deduct	-9.42	
			For Tackifier, Add	1.38	
32 92 19 13-0025	MSF		White Clover Mix, Hydro Or Air Seeding..... Note: 7 LB/MSF spread rate.	81.73	
			For Spot Areas Up To 1, Add	92.31	
			For >1 To 4, Add	59.71	
			For >4 To 7.5, Add	40.69	
			For >7.5 To 10, Add	20.35	
			For >45, Deduct	-6.80	
			For Tackifier, Add	1.38	
32 92 19 13-0026	MSF		Ladino Clover Mix, Hydro Or Air Seeding Note: 7 LB/MSF spread rate.	92.36	
			For Spot Areas Up To 1, Add	96.56	
			For >1 To 4, Add	61.83	
			For >4 To 7.5, Add	41.76	
			For >7.5 To 10, Add	20.88	
			For >45, Deduct	-7.33	
			For Tackifier, Add	1.38	
32 92 19 13-0027	MSF		60% Kentucky Bluegrass, 20% Creeping Red Fescue, 10% Red Top And 10% Domestic Rye, Hydro Or Air Spread..... Note: 4 LB/MSF spread rate.	97.81	
			For Spot Areas Up To 1, Add	98.74	
			For >1 To 4, Add	62.92	
			For >4 To 7.5, Add	42.30	
			For >7.5 To 10, Add	21.15	
			For >45, Deduct	-7.60	
			For Tackifier, Add	1.38	
32 92 19 13-0028	MSF		2,500 LB/Acre, High Performance - Flexible Growth Medium Note: Applied with seed. Excludes seed.	128.55	
			For >45, Deduct	-7.78	
32 92 19 13-0029	MSF		3,000 LB/Acre, High Performance - Flexible Growth Medium Note: Applied with seed. Excludes seed.	150.19	
			For >45, Deduct	-8.93	
32 92 19 13-0030	MSF		3,500 LB/Acre, High Performance - Flexible Growth Medium Note: Applied with seed. Excludes seed.	171.92	
			For >45, Deduct	-10.09	
32 92 19 13-0031	MSF		4,000 LB/Acre, High Performance - Flexible Growth Medium Note: Applied with seed. Excludes seed.	193.69	
			For >45, Deduct	-11.25	
32 92 19 13-0032	MSF		4,500 LB/Acre, High Performance - Flexible Growth Medium Note: Applied with seed. Excludes seed.	215.55	
			For >45, Deduct	-12.43	

32 92 19 19 Seeding by Hand (32 92 19)

Note: Includes fertilizing, liming, mixing, seeding and initial watering.

32 92 19 19-0001			Push Spreader Or Hand Seeding <small>(32 92 19 19)</small> Note: Excludes straw.		
32 92 19 19-0002	MSF		Common Bluegrass, Push Spreader Or Hand..... Note: 4 LB/MSF spread rate.	107.26	
			For >5 To 20, Deduct	-7.42	
			For >20 To 45, Deduct	-14.21	
			For >45, Deduct	-23.05	
32 92 19 19-0003	MSF		Tall Fescue, Push Spreader Or Hand..... Note: 5.5 LB/MSF spread rate.	96.72	
			For >5 To 20, Deduct	-6.89	
			For >20 To 45, Deduct	-13.42	
			For >45, Deduct	-22.00	
32 92 19 19-0004	MSF		Rye, Push Spreader Or Hand..... Note: 10 LB/MSF spread rate.	97.46	
			For >5 To 20, Deduct	-6.93	
			For >20 To 45, Deduct	-13.47	
			For >45, Deduct	-22.07	

32 Exterior Improvements**32 90 Planting****32 92 Turf and Grasses**
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32 92 19 19-0005	MSF Shade Mix, Push Spreader Or Hand	101.26	
	Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.		
	For >5 To 20, Deduct	-7.12	
	For >20 To 45, Deduct	-13.76	
	For >45, Deduct	-22.45	
32 92 19 19-0006	MSF Turf Mix, Push Spreader Or Hand	103.99	
	Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.		
	For >5 To 20, Deduct	-7.25	
	For >20 To 45, Deduct	-13.96	
	For >45, Deduct	-22.73	
32 92 19 19-0007	MSF Slope Mix, Push Spreader Or Hand	100.35	
	Note: 6 LB/MSF spread rate.		
	For >5 To 20, Deduct	-7.07	
	For >20 To 45, Deduct	-13.69	
	For >45, Deduct	-22.36	
32 92 19 19-0008	MSF Utility Mix, Push Spreader Or Hand	95.82	
	Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.		
	For >5 To 20, Deduct	-6.85	
	For >20 To 45, Deduct	-13.35	
	For >45, Deduct	-21.91	
32 92 19 19-0009	MSF Wild Flower Mix, Push Spreader Or Hand	87.27	
	Note: 0.10 LB/MSF spread rate.		
	For >5 To 20, Deduct	-6.42	
	For >20 To 45, Deduct	-12.71	
	For >45, Deduct	-21.05	
32 92 19 19-0010	MSF Crown Vetch Mix, Push Spreader Or Hand	154.87	
	Note: 4 LB/MSF spread rate.		
	For >5 To 20, Deduct	-9.80	
	For >20 To 45, Deduct	-17.78	
	For >45, Deduct	-27.81	
32 92 19 19-0011	MSF Athletic Mix, Push Spreader Or Hand	114.89	
	Note: 8 LB/MSF spread rate. Mixture of drought resistant bluegrass, tall fescue and Kentucky bluegrass.		
	For >5 To 20, Deduct	-7.80	
	For >20 To 45, Deduct	-14.78	
	For >45, Deduct	-23.82	
32 92 19 19-0012	MSF White Clover Mix, Push Spreader Or Hand	87.18	
	Note: 7 LB/MSF spread rate.		
	For >5 To 20, Deduct	-6.41	
	For >20 To 45, Deduct	-12.70	
	For >45, Deduct	-21.05	
32 92 19 19-0013	MSF Ladino Clover Mix, Push Spreader Or Hand	90.81	
	Note: 7 LB/MSF spread rate.		
	For >5 To 20, Deduct	-6.60	
	For >20 To 45, Deduct	-12.97	
	For >45, Deduct	-21.41	
32 92 19 19-0014	MSF 100% Kentucky Bluegrass, Push Spreader Or Hand	108.98	
	Note: 3.3 LB/MSF spread rate.		
	For >5 To 20, Deduct	-7.50	
	For >20 To 45, Deduct	-14.34	
	For >45, Deduct	-23.23	
32 92 19 19-0015	MSF 70% Kentucky Bluegrass And 30% Fescue, Push Spreader Or Hand	103.99	
	Note: 3.3 LB/MSF spread rate.		
	For >5 To 20, Deduct	-7.25	
	For >20 To 45, Deduct	-13.96	
	For >45, Deduct	-22.73	
32 92 19 19-0016	MSF 50% Kentucky Bluegrass And 50% Fescue, Push Spreader Or Hand	100.35	
	Note: 3.3 LB/MSF spread rate.		
	For >5 To 20, Deduct	-7.07	
	For >20 To 45, Deduct	-13.69	
	For >45, Deduct	-22.36	
32 92 19 19-0017	MSF 50% Kentucky Bluegrass And 50% Perennial Rye, Push Spreader Or Hand	107.62	
	Note: 4.4 LB/MSF spread rate.		
	For >5 To 20, Deduct	-7.44	
	For >20 To 45, Deduct	-14.24	
	For >45, Deduct	-23.09	
32 92 19 19-0018	MSF 60% Kentucky Bluegrass, 20% Creeping Red Fescue, 10% Red Top And 10% Domestic Rye, Push Spreader Or Hand	102.17	
	Note: 3.3 LB/MSF spread rate.		
	For >5 To 20, Deduct	-7.16	
	For >20 To 45, Deduct	-13.83	
	For >45, Deduct	-22.54	
32 92 19 19-0019	MSF 40% Creeping Red Fescue, 30% Kentucky Bluegrass, 10% Red Top, And 20% Blue Tag Perennial Rye, Push Spreader Or Hand	103.99	
	Note: 3.3 LB/MSF spread rate.		
	For >5 To 20, Deduct	-7.25	
	For >20 To 45, Deduct	-13.96	
	For >45, Deduct	-22.73	

32 92 23 Sodding (32 92)

Note: Includes raking preparation, water thoroughly and allow surface to dry before planting, rolling of sod, sanding seams for (up to 16" wide by 24" long) squares or (up to 24" wide by 54" long) rolls and initial watering within 2 hours after planting.

32 92 23 00-0001	Tall Fescue Sod <small>(32 92 23)</small>	2,307.18	
32 92 23 00-0002	MSF Up To 1,000 SF, Tall Fescue Sod, Installed On Level Ground	162.70	
	For Hybrid Fescue "Marathon", Add		
32 92 23 00-0003	MSF >1,000 To 4,000 SF, Tall Fescue Sod, Installed On Level Ground	1,863.16	
	For Hybrid Fescue "Marathon", Add	122.54	
32 92 23 00-0004	MSF >4,000 To 8,000 SF, Tall Fescue Sod, Installed On Level Ground	1,574.79	
	For Hybrid Fescue "Marathon", Add	102.46	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 23 00-0005			MSF >8,000 SF, Tall Fescue Sod, Installed On Level Ground..... <i>For Hybrid Fescue "Marathon", Add</i>	1,338.04 82.38	
32 92 23 00-0006			MSF Up To 1,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes..... <i>For Hybrid Fescue "Marathon", Add</i>	2,628.52 162.70	
32 92 23 00-0007			MSF >1,000 To 4,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes..... <i>For Hybrid Fescue "Marathon", Add</i>	2,137.02 122.54	
32 92 23 00-0008			MSF >4,000 To 8,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes..... <i>For Hybrid Fescue "Marathon", Add</i>	1,763.72 102.46	
32 92 23 00-0009			MSF >8,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes..... <i>For Hybrid Fescue "Marathon", Add</i>	1,498.71 82.38	

32 93 Plants (32 90)

32 93 13 Ground Covers (32 93)

Note: Materials only. See CSI section 32 93 83 00-0078 for installation and planting of ground cover.

32 93 13 00-0001 Ornamental Grasses (32 93 13)

32 93 13 00-0002	EA	1	Gallon, Cortaderia selloana - Pampas Grass	31.69
32 93 13 00-0003	EA	2	Gallon, Cortaderia selloana - Pampas Grass	58.58
32 93 13 00-0004	EA	3	Gallon, Cortaderia selloana - Pampas Grass	106.47
32 93 13 00-0005	EA	5	Gallon, Cortaderia selloana - Pampas Grass	193.78
32 93 13 00-0006	EA	1	Quart, Imperata cylindrica - Japanese Blood Grass	24.26
32 93 13 00-0007	EA	1	Gallon, Imperata cylindrica - Japanese Blood Grass	32.26
32 93 13 00-0008	EA	2	Gallon, Imperata cylindrica - Japanese Blood Grass	34.52
32 93 13 00-0009	EA	1	Quart, Koeleria glauca - Blue Hair Grass	24.19
32 93 13 00-0010	EA	1	Gallon, Koeleria glauca - Blue Hair Grass	32.26
32 93 13 00-0011	EA	3	Gallon, Koeleria glauca - Blue Hair Grass	78.05
32 93 13 00-0012	EA	1	Gallon, Miscanthus sinensis 'Gracillimus' - Maiden Grass	30.63
32 93 13 00-0013	EA	3	Gallon, Miscanthus sinensis 'Gracillimus' - Maiden Grass	39.69
32 93 13 00-0014	EA	5	Gallon, Miscanthus sinensis 'Gracillimus' - Maiden Grass	75.88
32 93 13 00-0015	EA	1	Gallon, Miscanthus sinensis 'Zebrinus' - Zebra Grass	28.43
32 93 13 00-0016	EA	3	Gallon, Miscanthus sinensis 'Zebrinus' - Zebra Grass	44.69
32 93 13 00-0017	EA	5	Gallon, Miscanthus sinensis 'Zebrinus' - Zebra Grass	76.48
32 93 13 00-0018	EA	1	Quart, Pennisetum setaceum - Fountain Grass	26.46
32 93 13 00-0019	EA	1	Gallon, Pennisetum setaceum - Fountain Grass	67.32
32 93 13 00-0020	EA	3	Gallon, Pennisetum setaceum - Fountain Grass	88.74
32 93 13 00-0021	EA	1	Gallon, Saccharum ravennae - Ravenna Grass	83.78
32 93 13 00-0022	EA	3	Gallon, Saccharum ravennae - Ravenna Grass	94.11
32 93 13 00-0023	EA	7	Gallon, Saccharum ravennae - Ravenna Grass	155.26
32 93 13 00-0024	EA	1	Gallon, Spartina pectinata - Variegated Cord Grass	45.49
32 93 13 00-0025	EA	2	Gallon, Spartina pectinata - Variegated Cord Grass	68.08
32 93 13 00-0026	EA	1	Quart, Stipa gigantea - Giant Feather Grass	34.72
32 93 13 00-0027	EA	1	Gallon, Stipa gigantea - Giant Feather Grass	48.39

32 93 13 00-0028 Ground Covers (32 93 13)

32 93 13 00-0029	EA	1	Gallon Acorus gramineus - Japanese Sweet Flag	23.54
32 93 13 00-0030	EA	3"	Pot Ajuga reptans - Carpet Bugle	5.65
32 93 13 00-0031	EA	1	Quart Ajuga reptans - Carpet Bugle	9.41
32 93 13 00-0032	EA	1	Gallon Ajuga reptans - Carpet Bugle	22.59
32 93 13 00-0033	EA	24	Plant Flat Ajuga reptans - Carpet Bugle	97.28
32 93 13 00-0034	EA	2	Gallon Aristolochia macrophylla - Dutchman's Pipe	78.45
32 93 13 00-0035	EA	5	Gallon Aristolochia macrophylla - Dutchman's Pipe	143.72
32 93 13 00-0036	EA	1	Quart Arundo donax - Giant Reed	30.13
32 93 13 00-0037	EA	1	Gallon Arundo donax - Giant Reed	43.31
32 93 13 00-0038	EA	1	Quart Baccharis Pilularis - Dwarf Coyote Bush	9.41
32 93 13 00-0039	EA	1	Gallon Baccharis Pilularis - Dwarf Coyote Bush	16.32
32 93 13 00-0040	EA	3	Gallon Bougainvillea spectabilis - Bougainvillea	32.92
32 93 13 00-0041	EA	1	Gallon Campsis radicans - Trumpet Creeper	34.52
32 93 13 00-0042	EA	2	Gallon Campsis radicans - Trumpet Creeper	52.09
32 93 13 00-0043	EA	5	Gallon Campsis radicans - Trumpet Creeper	125.52
32 93 13 00-0044	EA	1	Quart Carex 'Bowles Golden' - Variegated Japanese Sedge	33.27
32 93 13 00-0045	EA	1	Gallon Carex 'Bowles Golden' - Variegated Japanese Sedge	43.31
32 93 13 00-0046	EA	1	Quart Carex hachijoensis - Variegated Japanese Sedge	16.95
32 93 13 00-0047	EA	1	Gallon Carex hachijoensis - Variegated Japanese Sedge	23.54
32 93 13 00-0048	EA	2	Gallon Carex hachijoensis - Variegated Japanese Sedge	36.72
32 93 13 00-0049	EA	1	Gallon Cissus antarctica - Kangaroo Vine	18.20
32 93 13 00-0050	EA	5	Gallon Cissus antarctica - Kangaroo Vine	57.11
32 93 13 00-0051	EA	1	Gallon Cistaceae - Wrinkleleaf Rock Rose	18.20
32 93 13 00-0052	EA	5	Gallon Cistaceae - Wrinkleleaf Rock Rose	62.13
32 93 13 00-0053	EA	1	Gallon Cocculus laurifolius - Laurel-leaf Snailseed	18.20
32 93 13 00-0054	EA	5	Gallon Cocculus laurifolius - Laurel-leaf Snailseed	65.27
32 93 13 00-0055	EA	1	Gallon Coprosma kirkii - Prostrate Coprosma	15.69
32 93 13 00-0056	EA	5	Gallon Coprosma kirkii - Prostrate Coprosma	57.11
32 93 13 00-0057	EA	1	Gallon Cotoneaster dammeri - Bearberry Cotoneaster	30.75
32 93 13 00-0058	EA	2	Gallon Cotoneaster dammeri - Bearberry Cotoneaster	58.37
32 93 13 00-0059	EA	5	Gallon Cotoneaster dammeri - Bearberry Cotoneaster	102.93
32 93 13 00-0060	EA	1	Gallon Distictis buccinatoria - Blood Red Trumpet Vine	19.46
32 93 13 00-0061	EA	5	Gallon Distictis buccinatoria - Blood Red Trumpet Vine	68.41
32 93 13 00-0062	EA	1	Quart Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper	22.41
32 93 13 00-0063	EA	1	Gallon Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper	58.07
32 93 13 00-0064	EA	24	Plant Flat Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper	97.28
32 93 13 00-0065	EA	1	Gallon Euonymus fortunei 'Kewensis' - Wintercreeper	24.48
32 93 13 00-0066	EA	2	Gallon Euonymus fortunei 'Kewensis' - Wintercreeper	48.95
32 93 13 00-0067	EA	1	Quart Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue	13.18

32 Exterior Improvements**32 90 Planting****32 93 Plants**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 93 13 00-0068	EA	1 Gallon Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue	23.54	
32 93 13 00-0069	EA	2 Gallon Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue	36.72	
32 93 13 00-0070	EA	1 Gallon Gardenia jasminoides 'Radicans' - Creeping Gardenia	19.46	
32 93 13 00-0071	EA	5 Gallon Gardenia jasminoides 'Radicans' - Creeping Gardenia	64.02	
32 93 13 00-0072	EA	1 Gallon Gelsemium sempervirens - Carolina Jessamine	27.11	
32 93 13 00-0073	EA	5 Gallon Gelsemium sempervirens - Carolina Jessamine	97.91	
32 93 13 00-0074	EA	1 Quart Hakonechloa macra 'Aureola' - Golden Variegated Hakone Grass	33.27	
32 93 13 00-0075	EA	1 Gallon Hakonechloa macra 'Aureola' - Golden Variegated Hakone Grass	50.21	
32 93 13 00-0076	EA	1 Gallon Hardenbergia violacea - Happy Wanderer	22.59	
32 93 13 00-0077	EA	5 Gallon Hardenbergia violacea - Happy Wanderer	75.31	
32 93 13 00-0078	EA	2" To 3" Pot Hedera helix - English Ivy	5.65	
32 93 13 00-0079	EA	12" To 15" Runners Hedera helix - English Ivy	9.41	
32 93 13 00-0080	EA	1 Gallon Hedera helix - English Ivy	22.59	
32 93 13 00-0081	EA	50 Plant Flat Hedera helix - English Ivy	130.54	
32 93 13 00-0082	EA	3 Gallon Hibiscus, Assorted Colors	29.43	
32 93 13 00-0083	EA	1 Gallon Hydrangea petiolaris - Climbing Hydrangea	40.79	
32 93 13 00-0084	EA	2 Gallon Hydrangea petiolaris - Climbing Hydrangea	76.57	
32 93 13 00-0085	EA	5 Gallon Hydrangea petiolaris - Climbing Hydrangea	125.52	
32 93 13 00-0086	EA	1 Gallon Hymenocallis latifolia - Spider Lily	14.61	
32 93 13 00-0087	EA	3 Gallon Hymenocallis latifolia - Spider Lily	38.96	
32 93 13 00-0088	EA	1 Quart Hypericum perforatum - St. John's Wort	9.41	
32 93 13 00-0089	EA	1 Gallon Hypericum perforatum - St. John's Wort	22.59	
32 93 13 00-0090	EA	5 Gallon Hypericum perforatum - St. John's Wort	58.37	
32 93 13 00-0091	EA	1 Quart Iberis sempervirens - Candytuft	9.41	
32 93 13 00-0092	EA	1 Gallon Iberis sempervirens - Candytuft	22.59	
32 93 13 00-0093	EA	1 Gallon Ilex cornuta - Dwarf Holly	17.04	
32 93 13 00-0094	EA	3 Gallon Ilex cornuta - Dwarf Holly	36.53	
32 93 13 00-0095	EA	1 Gallon Jasminum polyanthum - Winter Jasmine	22.59	
32 93 13 00-0096	EA	2 Gallon Jasminum polyanthum - Winter Jasmine	45.19	
32 93 13 00-0097	EA	5 Gallon Jasminum polyanthum - Winter Jasmine	78.45	
32 93 13 00-0098	EA	1 Gallon Jasminum volubile - Wax Jasmine	11.86	
32 93 13 00-0099	EA	1 Gallon Jasminum volubile - Wax Jasmine	29.43	
32 93 13 00-0100	EA	1 Gallon Juniperus davurica 'Parsonii' - Parson's Juniper	14.78	
32 93 13 00-0101	EA	3 Gallon Juniperus davurica 'Parsonii' - Parson's Juniper	32.92	
32 93 13 00-0102	EA	2 Gallon Juniperus horizontalis 'Plumosa Compacta' - Andorra Creeping Juniper	54.81	
32 93 13 00-0103	EA	1 Gallon Juniperus horizontalis 'Wiltoni' - Blue Rug Juniper	25.54	
32 93 13 00-0104	EA	1 Gallon Juniperus Horizontalis - Prostrate Juniper	25.73	
32 93 13 00-0105	EA	3 Gallon Juniperus Horizontalis - Prostrate Juniper	55.23	
32 93 13 00-0106	EA	5 Gallon Juniperus Horizontalis - Prostrate Juniper	81.59	
32 93 13 00-0107	EA	1 Gallon Lantana spp. Various Colors	13.32	
32 93 13 00-0108	EA	4" Pot Lantana camera - Common Lantana	5.65	
32 93 13 00-0109	EA	1 Gallon Lantana camera - Common Lantana	16.32	
32 93 13 00-0110	EA	1 Gallon Lantana sellowiana - Trailing Lantana	8.77	
32 93 13 00-0111	EA	4" Pot Lavandula angustifolia - English Lavender	8.16	
32 93 13 00-0112	EA	1 Quart Lavandula angustifolia - English Lavender	15.69	
32 93 13 00-0113	EA	1 Gallon Lavandula angustifolia - English Lavender	25.73	
32 93 13 00-0114	EA	1 Gallon Liriope Evergreen Giant, 6 To 8 Bibs Minimum	13.32	
32 93 13 00-0115	EA	1 Gallon Variegated Liriope Evergreen Giant, 6 To 8 Bibs Minimum	16.81	
32 93 13 00-0116	EA	3 Gallon Variegated Liriope Evergreen Giant, 6 To 8 Bibs Minimum	26.87	
32 93 13 00-0117	EA	1 Gallon Liriope muscari 'Big Blue' - Big Blue Liriope	10.53	
32 93 13 00-0118	EA	1 Gallon Liriope muscari 'Variegata' - Variegated Lilytuft	25.73	
32 93 13 00-0119	EA	2 Quart Liriope spicata - Creeping Lilytuft	16.32	
32 93 13 00-0120	EA	1 Gallon Liriope spicata - Creeping Lilytuft	29.50	
32 93 13 00-0121	EA	5 Gallon Liriope spicata - Creeping Lilytuft	62.13	
32 93 13 00-0122	EA	Bare Root Liriope spicata - Creeping Liriope	4.11	
32 93 13 00-0123	EA	1 Gallon Lonicera x heckrottii - Gold Flame Honeysuckle	25.73	
32 93 13 00-0124	EA	2 Gallon Lonicera x heckrottii - Gold Flame Honeysuckle	48.95	
32 93 13 00-0125	EA	3" Pot Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle	5.65	
32 93 13 00-0126	EA	1 Gallon Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle	25.73	
32 93 13 00-0127	EA	2 Gallon Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle	48.95	
32 93 13 00-0128	EA	2 Quart Lysimachia nummularia - Creeping Jenny	9.41	
32 93 13 00-0129	EA	1 Gallon Lysimachia nummularia - Creeping Jenny	18.20	
32 93 13 00-0130	EA	1 Gallon Macfadyena unguis-cati - Cat Claw Vine	22.59	
32 93 13 00-0131	EA	5 Gallon Macfadyena unguis-cati - Cat Claw Vine	97.91	
32 93 13 00-0132	EA	1 Quart Moss Phlox, Creeping Phlox	9.41	
32 93 13 00-0133	EA	1 Gallon Moss Phlox, Creeping Phlox	22.59	
32 93 13 00-0134	EA	1 Gallon Nephrolepis exaltata - Common Boston Fern	11.86	
32 93 13 00-0135	EA	1 Quart Nepeta mussinii - Persian Catmint	9.41	
32 93 13 00-0136	EA	1 Gallon Nepeta mussinii - Persian Catmint	19.46	
32 93 13 00-0137	EA	4" Pot Ophiopogon Japonicus - Mondo grass	5.65	
32 93 13 00-0138	EA	1 Gallon Ophiopogon Japonicus - Mondo grass	22.59	
32 93 13 00-0139	EA	5 Gallon Ophiopogon Japonicus - Mondo grass	52.09	
32 93 13 00-0140	EA	2' To 3' High Oregon Holly-Grape	26.08	
32 93 13 00-0141	EA	1 Gallon Pachysandra terminalis - Pachysandra	33.98	
32 93 13 00-0142	EA	4" Pot Parthenocissus tricuspidata - Boston Ivy	12.55	
32 93 13 00-0143	EA	1 Gallon Parthenocissus tricuspidata - Boston Ivy	28.62	
32 93 13 00-0144	EA	5 Gallon Parthenocissus tricuspidata - Boston Ivy	78.33	
32 93 13 00-0145	EA	3" Pot Parthenocissus quinquefolia - Virginia Creeper	5.65	
32 93 13 00-0146	EA	1 Gallon Parthenocissus quinquefolia - Virginia Creeper	29.50	
32 93 13 00-0147	EA	1 Gallon Ranunculaceae - Clematis Varieties	32.43	
32 93 13 00-0148	EA	2 Gallon Ranunculaceae - Clematis Varieties	59.98	
32 93 13 00-0149	EA	3 Gallon Rhamphiolepis umbellata 'Minor' - Dwarf Indian Hawthorn	36.53	
32 93 13 00-0150	EA	3" Pot Rosmarinus officinalis 'Prostratus' - Creeping Rosemary	5.65	
32 93 13 00-0151	EA	1 Gallon Rosmarinus officinalis 'Prostratus' - Creeping Rosemary	22.59	
32 93 13 00-0152	EA	2-1/4" Pot Securigera varia - Crown Vetch	3.77	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 93 13 00-0153	EA		50 Plant Flat Securigera varia - Crown Vetch.....	127.40	
32 93 13 00-0154	EA		1 Quart Senecio cineraria - Dusty Miller.....	9.41	
32 93 13 00-0155	EA		1 Gallon Senecio cineraria - Dusty Miller.....	22.59	
32 93 13 00-0156	EA		1 Quart Stachys byzantina - Lamb's Ear.....	9.41	
32 93 13 00-0157	EA		1 Quart Stachys byzantina - Lamb's Ear.....	22.59	
32 93 13 00-0158	EA		1 Gallon Tradescantia spathacea - Dwarf Oyster Plant.....	12.18	
32 93 13 00-0159	EA		1 Gallon Tradescantia spathacea - Rhoec Discolor "Dwarf".....	11.86	
32 93 13 00-0160	EA		24" To 30" High Viburnum awabuki - Sweet Viburnum.....	79.43	
32 93 13 00-0161	EA		2 Quart Verbena peruviana "St. Paul" - St. Paul Verbena.....	11.92	
32 93 13 00-0162	EA		1 Gallon Verbena peruviana "St. Paul" - St. Paul Verbena.....	18.20	
32 93 13 00-0163	EA		2-1/4" Pot Vinca minor - Periwinkle.....	3.14	
32 93 13 00-0164	EA		4" Pot Vinca minor - Periwinkle.....	9.41	
32 93 13 00-0165	EA		Bare Root Vinca minor - Periwinkle.....	3.14	
32 93 13 00-0166	EA		48 Plant Flat Vinca minor - Lesser Periwinkle.....	111.86	
32 93 13 00-0167	EA		2-1/4" Pot Vinca major - Variegated Greater Periwinkle.....	3.14	
32 93 13 00-0168	EA		4" Pot Vinca major - Variegated Greater Periwinkle.....	9.41	
32 93 13 00-0169	EA		Bare Root Vinca major - Variegated Greater Periwinkle.....	3.14	
32 93 13 00-0170	EA		1 Quart Waldsteinia temata - Barren Strawberry.....	9.41	
32 93 13 00-0171	EA		1 Gallon Waldsteinia temata - Barren Strawberry.....	22.60	
32 93 13 00-0172	EA		1 Gallon Wisteria sinensis - Chinese Wisteria Vine.....	29.50	
32 93 13 00-0173	EA		3 Gallon Wisteria sinensis - Chinese Wisteria Vine.....	65.27	
32 93 13 00-0174	EA		5 Gallon Wisteria sinensis - Chinese Wisteria Vine.....	97.91	
32 93 13 00-0175	EA		Flat Hedera canariensis - Algerian Ivy.....	24.14	
32 93 13 00-0176	EA		2-1/2" Pot Hedera canariensis - Algerian Ivy.....	6.37	
32 93 13 00-0177	EA		Flat Gazania 'Copper King'.....	19.80	
32 93 13 00-0178	EA		1 Gallon Gazania 'Copper King'.....	6.76	
32 93 13 00-0179	EA		Flat Myoporum parvifolium - Myoporum.....	24.14	
32 93 13 00-0180	EA		1 Gallon Myoporum parvifolium - Myoporum.....	6.76	
32 93 13 00-0181	EA		5 Gallon Myoporum parvifolium - Myoporum.....	19.31	
32 93 13 00-0182	EA		1 Gallon Lantana montevidensis - Purple Lantana.....	6.76	
32 93 13 00-0183	EA		5 Gallon Lantana montevidensis - Purple Lantana.....	19.31	
32 93 13 00-0184	EA		Flat Carpobrotus - Ice Plant.....	18.35	
32 93 13 00-0185	EA		1 Gallon Carpobrotus - Ice Plant.....	7.73	

32 93 23 Plants and Bulbs (32 93)

Note: Materials only. See CSI section 32 93 83 00-0078 for installation and planting of bulbs and annuals.

32 93 23 00-0001 Perennials (32 93 23)

32 93 23 00-0002	EA		2 Quart Assorted Daylilies.....	18.20	
32 93 23 00-0003	EA		1 Gallon Assorted Daylilies.....	25.73	
32 93 23 00-0004	EA		2 Gallon Assorted Daylilies.....	42.68	
32 93 23 00-0005	EA		1 Quart Azure Penstemon.....	9.41	
32 93 23 00-0006	EA		1 Gallon Azure Penstemon.....	23.53	
32 93 23 00-0007	EA		1 Quart Balloon Flower.....	9.41	
32 93 23 00-0008	EA		1 Gallon Balloon Flower.....	23.53	
32 93 23 00-0009	EA		1 Quart Black-eyed Susan.....	9.41	
32 93 23 00-0010	EA		1 Gallon Black-eyed Susan.....	23.53	
32 93 23 00-0011	EA		2 Gallon Black-eyed Susan.....	30.44	
32 93 23 00-0012	EA		1 Quart Blackberry Lily.....	9.41	
32 93 23 00-0013	EA		1 Gallon Blackberry Lily.....	23.53	
32 93 23 00-0014	EA		1 Quart Blank Flower.....	9.41	
32 93 23 00-0015	EA		1 Gallon Blank Flower.....	21.65	
32 93 23 00-0016	EA		2 Gallon Blank Flower.....	30.44	
32 93 23 00-0017	EA		1 Quart Blazing Star, Gayfeather.....	9.41	
32 93 23 00-0018	EA		1 Gallon Blazing Star, Gayfeather.....	23.53	
32 93 23 00-0019	EA		1 Quart Bloodred Geranium.....	16.00	
32 93 23 00-0020	EA		1 Gallon Bloodred Geranium.....	26.99	
32 93 23 00-0021	EA		1 Quart Blue Plumbago.....	9.41	
32 93 23 00-0022	EA		1 Gallon Blue Plumbago.....	23.53	
32 93 23 00-0023	EA		1 Quart Blue Star.....	16.94	
32 93 23 00-0024	EA		1 Gallon Blue Star.....	26.99	
32 93 23 00-0025	EA		1 Quart Cardinal Flower.....	9.41	
32 93 23 00-0026	EA		1 Gallon Cardinal Flower.....	23.53	
32 93 23 00-0027	EA		4" Pot Columbine.....	5.65	
32 93 23 00-0028	EA		1 Quart Columbine.....	9.41	
32 93 23 00-0029	EA		1 Gallon Columbine.....	23.53	
32 93 23 00-0030	EA		1 Quart Common Globeflower.....	9.41	
32 93 23 00-0031	EA		1 Gallon Common Globeflower.....	23.53	
32 93 23 00-0032	EA		1 Quart Cottage Pink, Scotch Pink.....	9.41	
32 93 23 00-0033	EA		1 Quart Cottage Pink, Scotch Pink.....	23.53	
32 93 23 00-0034	EA		1 Gallon Astilbe 'Deutschland'.....	33.89	
32 93 23 00-0035	EA		1 Quart Diploid.....	11.93	
32 93 23 00-0036	EA		1 Gallon Diploid.....	26.99	
32 93 23 00-0037	EA		3 Gallon Diploid.....	46.44	
32 93 23 00-0038	EA		4" Pot Dune Sunflower.....	13.44	
32 93 23 00-0039	EA		1 Quart Evans Begonia.....	16.94	
32 93 23 00-0040	EA		1 Gallon Evans Begonia.....	30.44	
32 93 23 00-0041	EA		1 Quart False Dragonhead.....	9.41	
32 93 23 00-0042	EA		1 Gallon False Dragonhead.....	23.53	
32 93 23 00-0043	EA		1 Quart False Spirea.....	9.41	
32 93 23 00-0044	EA		1 Gallon False Spirea.....	30.44	
32 93 23 00-0045	EA		3 Gallon False Spirea.....	42.05	
32 93 23 00-0046	EA		2 Quart False Sunflower.....	15.06	
32 93 23 00-0047	EA		1 Gallon False Sunflower.....	23.53	
32 93 23 00-0048	EA		2 Gallon False Sunflower.....	30.44	

32 Exterior Improvements**32 90 Planting****32 93 Plants**
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 UNIT COST UNIT COST

32 93 23 00-0049	EA	1 Gallon Foxglove	21.65
32 93 23 00-0050	EA	2 Gallon Foxglove	30.44
32 93 23 00-0051	EA	3 Gallon Foxglove	43.93
32 93 23 00-0052	EA	1 Gallon Francee Hostas	38.11
32 93 23 00-0053	EA	1 Quart Garden Phlox	9.41
32 93 23 00-0054	EA	1 Gallon Garden Phlox	23.53
32 93 23 00-0055	EA	2 Quart Golden Groundsel	20.08
32 93 23 00-0056	EA	2 Gallon Golden Groundsel	40.49
32 93 23 00-0057	EA	1 Quart Golden Star	9.41
32 93 23 00-0058	EA	1 Gallon Golden Star	23.53
32 93 23 00-0059	EA	1 Quart Goldenrod	9.41
32 93 23 00-0060	EA	1 Gallon Goldenrod	23.53
32 93 23 00-0061	EA	1 Gallon Happy Returns Daylillies	43.83
32 93 23 00-0062	EA	4" Pot Hardy Aster, Michaelmas Daisy	5.65
32 93 23 00-0063	EA	1 Quart Hardy Aster, Michaelmas Daisy	9.41
32 93 23 00-0064	EA	1 Gallon Hardy Aster, Michaelmas Daisy	23.53
32 93 23 00-0065	EA	1 Quart Hardy Chrysanthemum	8.16
32 93 23 00-0066	EA	6" To 8" Pot Hardy Chrysanthemum	13.50
32 93 23 00-0067	EA	1 Gallon Hardy Chrysanthemum	21.65
32 93 23 00-0068	EA	1 Gallon Herbaceous Peony	33.58
32 93 23 00-0069	EA	2 Gallon Herbaceous Peony	53.66
32 93 23 00-0070	EA	3 Gallon Herbaceous Peony	70.61
32 93 23 00-0071	EA	4" Pot Japanese Anemone	5.65
32 93 23 00-0072	EA	1 Quart Japanese Anemone	16.94
32 93 23 00-0073	EA	2 Gallon Japanese Anemone	30.44
32 93 23 00-0074	EA	2" Pot Japanese Spurge	3.35
32 93 23 00-0075	EA	6" Pot Japanese Spurge	5.02
32 93 23 00-0076	EA	1 Gallon Japanese Spurge	21.62
32 93 23 00-0077	EA	1 Quart Oriental Poppy	13.50
32 93 23 00-0078	EA	1 Gallon Oriental Poppy	26.99
32 93 23 00-0079	EA	48 Plant Flat Pachysandra terminalis	111.86
32 93 23 00-0080	EA	1 Gallon Pacific Coast Iris	18.52
32 93 23 00-0081	EA	3 Gallon Pacific Coast Iris	35.15
32 93 23 00-0082	EA	1 Gallon Palace Purple Coral Bells	35.63
32 93 23 00-0083	EA	4" Pot Perennial Salvia	5.65
32 93 23 00-0084	EA	1 Quart Perennial Salvia	9.41
32 93 23 00-0085	EA	1 Gallon Perennial Salvia	23.53
32 93 23 00-0086	EA	1 Quart Pincushion Flower	9.41
32 93 23 00-0087	EA	1 Gallon Pincushion Flower	23.53
32 93 23 00-0088	EA	2 Quart Plantain Lily	18.20
32 93 23 00-0089	EA	1 Gallon Plantain Lily	25.73
32 93 23 00-0090	EA	2 Gallon Plantain Lily	42.68
32 93 23 00-0091	EA	3 Gallon Plantain Lily	80.66
32 93 23 00-0092	EA	2 Quart Purple Coneflower	16.94
32 93 23 00-0093	EA	1 Gallon Purple Coneflower	23.53
32 93 23 00-0094	EA	2 Gallon Purple Coneflower	30.44
32 93 23 00-0095	EA	1 Quart Purple Loosestrife	9.41
32 93 23 00-0096	EA	1 Gallon Purple Loosestrife	23.53
32 93 23 00-0097	EA	1 Quart Rose Mallow	18.52
32 93 23 00-0098	EA	2 Gallon Rose Mallow	33.58
32 93 23 00-0099	EA	3 Gallon Rose Mallow	57.43
32 93 23 00-0100	EA	1 Gallon Autumn Joy Sedum	35.88
32 93 23 00-0101	EA	1 Quart Siberian Iris	16.00
32 93 23 00-0102	EA	2 Gallon Siberian Iris	30.44
32 93 23 00-0103	EA	3 Gallon Siberian Iris	42.05
32 93 23 00-0104	EA	1 Quart Speedwell	9.41
32 93 23 00-0105	EA	1 Gallon Speedwell	23.53
32 93 23 00-0106	EA	1 Quart Tetraploid	23.53
32 93 23 00-0107	EA	1 Gallon Tetraploid	43.93
32 93 23 00-0108	EA	3 Gallon Tetraploid	59.94
32 93 23 00-0109	EA	1 Quart Threadleaf Coreopsis	9.41
32 93 23 00-0110	EA	1 Gallon Threadleaf Coreopsis	23.53
32 93 23 00-0111	EA	1 Quart Torch Lily	9.41
32 93 23 00-0112	EA	1 Quart Bluebeard	16.94
32 93 23 00-0113	EA	1 Gallon Bluebeard	25.11
32 93 23 00-0114	EA	2 Gallon Bluebeard	36.72

32 93 23 00-0115 Annuals (32 93 23)

32 93 23 00-0116	EA	2-1/2" Pot Annual Flowers	4.37
32 93 23 00-0117	EA	3" Pot Annual Flowers	5.91
32 93 23 00-0118	EA	4" Pot Annual Flowers	12.63
32 93 23 00-0119	EA	5-1/2" Pot Annual Flowers	16.80
32 93 23 00-0120	EA	6" Pot Annual Flowers	33.26
32 93 23 00-0121	EA	8" Pot Annual Flowers	55.43
32 93 23 00-0122	EA	36 Plant Flat Annual Flowers	72.56
32 93 23 00-0123	EA	48 Plant Flat Annual Flowers	82.30

32 93 23 00-0124 Bulbs (32 93 23)

32 93 23 00-0125	EA	Top Size Allium giganteum - Giant Ornamental Onion	15.19
32 93 23 00-0126	EA	Top Size Allium sphaerocephalum - Drumstick Ornamental Onion	0.88
32 93 23 00-0127	EA	Top Size Crocus Hybrid	0.99
32 93 23 00-0128	EA	Top Size Eranthis hyemalis - Winter Aconite	1.29
32 93 23 00-0129	EA	Top Size Galanthus nivalis - Snowdrops	1.64

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32 93 23 00-0130	EA	Top Size Iris reticulata cvs - Dutch Iris.....	0.64
32 93 23 00-0131	EA	Top Size Muscari armeniacum - Grape Hyacinth	0.76
32 93 23 00-0132	EA	Top Size Muscari latifolium - Grape Hyacinth	0.88
32 93 23 00-0133	EA	Narcissus 'Carlton' - Carlton Daffodil DNI	5.26
32 93 23 00-0134	EA	Narcissus 'Dutch Master' - Dutch Master Daffodil DNI	2.51
32 93 23 00-0135	EA	Narcissus 'February Gold' - February Gold Daffodil DNI	2.63
32 93 23 00-0136	EA	Narcissus 'Ice Follies' - Ice Follies Daffodil DNI	2.63
32 93 23 00-0137	EA	Narcissus 'Mount Hood' - Mount Hood Daffodil DNI	2.75
32 93 23 00-0138	EA	Narcissus 'Papillon Blanc' - Papillon Blanc Daffodil DNI	2.92
32 93 23 00-0139	EA	Narcissus 'Pipit' - Pipit Daffodil DNI	2.75
32 93 23 00-0140	EA	Narcissus 'Salome' - Salome Daffodil DNI	2.57
32 93 23 00-0141	EA	Narcissus 'Tete A Tete' - Tete A Tete Daffodil DNI	2.75
32 93 23 00-0142	EA	Narcissus 'Thalia' - Thalia Daffodil DNI.....	2.75
32 93 23 00-0143	EA	Top Size Scilla siberica - Siberian Squill.....	0.82
32 93 23 00-0144	EA	Top Size Tulip 'Angelique' - Angelique Tulip	2.34
32 93 23 00-0145	EA	Top Size Tulip 'Apeldoorn' - Apeldoorn Tulip	1.75
32 93 23 00-0146	EA	Top Size Tulip 'Apricot Beauty' - Apricot Beauty Tulip	2.34
32 93 23 00-0147	EA	Top Size Tulip 'Big Smile' - Big Smile Tulip	2.04
32 93 23 00-0148	EA	Top Size Tulip 'Black Parrot' - Black Parrot Tulip	2.92
32 93 23 00-0149	EA	Top Size Tulip 'Blue Heron' - Blue Heron Tulip	2.22
32 93 23 00-0150	EA	Top Size Tulip 'Cardinal' - Cardinal Tulip.....	1.93
32 93 23 00-0151	EA	Top Size Tulip 'Christmas Marvel' - Christmas Marvel Tulip	2.16
32 93 23 00-0152	EA	Top Size Tulip clusiana - Species Tulip	2.16
32 93 23 00-0153	EA	Top Size Tulip 'Elizabeth Arden' - Elizabeth Arden Tulip	2.16
32 93 23 00-0154	EA	Top Size Tulip 'Golden Apledoorn' - Golden Apledoorn Tulip	1.75
32 93 23 00-0155	EA	Top Size Tulip 'Golden Emperor' - Golden Emperor Tulip	1.69
32 93 23 00-0156	EA	Top Size Tulip 'Halcro' - Halcro Tulip	1.75
32 93 23 00-0157	EA	Top Size Tulip 'Ivory Floradale' - Ivory Floradale Tulip	2.92
32 93 23 00-0158	EA	Top Size Tulip 'Orange Emperor' - Orange Emperor Tulip	1.75
32 93 23 00-0159	EA	Top Size Tulip 'Passionale' - Passionale Tulip	2.34
32 93 23 00-0160	EA	Top Size Tulip 'Peach Blossom' - Peach Blossom Tulip	2.51
32 93 23 00-0161	EA	Top Size Tulip 'Peer Gynt' - Peer Gynt Tulip	2.63
32 93 23 00-0162	EA	Top Size Tulip 'Pink Diamond' - Pink Diamond Tulip	2.10
32 93 23 00-0163	EA	Top Size Tulip 'Pink Emperor' - Pink Emperor Tulip	1.99
32 93 23 00-0164	EA	Top Size Tulip praetens 'Fusilier' - Praetens Fusilier Tulip	2.16
32 93 23 00-0165	EA	Top Size Tulip 'Princeps' - Princeps Tulip	2.16
32 93 23 00-0166	EA	Top Size Tulip 'Red Riding Hood' - Red Riding Hood Tulip	1.69
32 93 23 00-0167	EA	Top Size Tulip saxatilis - Species Tulip	1.17
32 93 23 00-0168	EA	Top Size Tulip 'Shirley' - Shirley Tulip	1.75
32 93 23 00-0169	EA	Top Size Tulip 'Spring Green' - Spring Green Tulip	2.28
32 93 23 00-0170	EA	Top Size Tulip 'White Emperor' - White Emperor Tulip	1.75

32 93 33 Shrubs (32 93 33)

Note: (cvs = cultivar) materials only. See CSI section 32 93 83 00-0054 for installation and planting of shrubs.

32 93 33 00-0001 Shrubs (32 93 33)

32 93 33 00-0002	EA	1 Gallon Abelia x grandiflora - Abelia.....	15.05
32 93 33 00-0003	EA	3 Gallon Abelia x grandiflora - Abelia	30.65
32 93 33 00-0004	EA	5 Gallon Abelia x grandiflora - Abelia	58.84
32 93 33 00-0005	EA	1 Gallon Abelia grandiflora 'Edward Goucher' - Pink Abelia	8.98
32 93 33 00-0006	EA	5 Gallon Abelia grandiflora 'Edward Goucher' - Pink Abelia	22.21
32 93 33 00-0007	EA	15 Gallon Abelia grandiflora 'Edward Goucher' - Pink Abelia	88.16
32 93 33 00-0008	EA	3 Gallon Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye.....	90.67
32 93 33 00-0009	EA	18" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye.....	132.51
32 93 33 00-0010	EA	24" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye.....	147.86
32 93 33 00-0011	EA	30" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye.....	186.91
32 93 33 00-0012	EA	36" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye.....	207.84
32 93 33 00-0013	EA	18" Balled and Burlapped, Aesculus parviflora - Bottlebrush Buckeye	41.85
32 93 33 00-0014	EA	24" Balled and Burlapped, Aesculus parviflora - Bottlebrush Buckeye	55.79
32 93 33 00-0015	EA	30" Balled and Burlapped, Aesculus parviflora - Bottlebrush Buckeye	69.74
32 93 33 00-0016	EA	1 Gallon Agapanthus 'Peter Pan' - Lily of the Nile	8.98
32 93 33 00-0017	EA	5 Gallon Agapanthus 'Peter Pan' - Lily of the Nile	22.21
32 93 33 00-0018	EA	36" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	38.51
32 93 33 00-0019	EA	42" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	45.31
32 93 33 00-0020	EA	48" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	54.37
32 93 33 00-0021	EA	60" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	63.43
32 93 33 00-0022	EA	72" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	77.02
32 93 33 00-0023	EA	36" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry	37.38
32 93 33 00-0024	EA	42" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry	39.64
32 93 33 00-0025	EA	48" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry	41.91
32 93 33 00-0026	EA	60" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry	47.57
32 93 33 00-0027	EA	36" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry	37.94
32 93 33 00-0028	EA	42" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry	40.21
32 93 33 00-0029	EA	48" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry	42.47
32 93 33 00-0030	EA	60" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry	44.74
32 93 33 00-0031	EA	1 Gallon Aspidistra elatior - Cast Iron Plant.....	7.79
32 93 33 00-0032	EA	2 Gallon Aspidistra elatior - Cast Iron Plant	18.01
32 93 33 00-0033	EA	1 Gallon Aucuba japonica "Variegata" - Gold Dust Plant	9.13
32 93 33 00-0034	EA	3 Gallon Aucuba japonica "Variegata" - Gold Dust Plant	20.08
32 93 33 00-0035	EA	5 Gallon Aucuba japonica "Variegata" - Gold Dust Plant	27.13
32 93 33 00-0036	EA	1 Gallon Baccharis pilularis 'Pigeon Point' - Dwarf Coyote Brush.....	8.98
32 93 33 00-0037	EA	5 Gallon Baccharis pilularis 'Pigeon Point' - Dwarf Coyote Brush.....	22.21
32 93 33 00-0038	EA	1 Gallon Baccharis pilularis 'Twin Peaks' - Dwarf Coyote Brush.....	8.98
32 93 33 00-0039	EA	5 Gallon Baccharis pilularis 'Twin Peaks' - Dwarf Coyote Brush.....	22.21
32 93 33 00-0040	EA	1 Gallon Bauhinia purpurea - Orange-eye Butterfly Bush.....	9.73

32 Exterior Improvements**32 90 Planting****32 93 Plants**

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TOTAL DIRECT DEMOLITION
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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0041	EA	2 Gallon Bauhinia purpurea - Orange-eye Butterfly Bush.....	14.24	
32 93 33 00-0042	EA	15" To 18" Berberis - Northern Bayberry	40.64	
32 93 33 00-0043	EA	2' To 2-1/2' Berberis - Northern Bayberry	51.59	
32 93 33 00-0044	EA	2-1/2' To 3' Berberis - Northern Bayberry	72.28	
32 93 33 00-0045	EA	1 Gallon Berberis Buxifolia 'Nana' - Barberrry	10.14	
32 93 33 00-0046	EA	5 Gallon Berberis Buxifolia 'Nana' - Barberrry	24.43	
32 93 33 00-0047	EA	18" To 24" Berberis julianae - Dwarf Wintergreen Barberrry	43.44	
32 93 33 00-0048	EA	2' To 2-1/2' Berberis julianae - Dwarf Wintergreen Barberrry	55.61	
32 93 33 00-0049	EA	2-1/2' To 3' Berberis julianae - Dwarf Wintergreen Barberrry	71.06	
32 93 33 00-0050	EA	1 Gallon Berberis thunbergii - Crimson Pygmy Barberrry	11.68	
32 93 33 00-0051	EA	2 Gallon Berberis thunbergii - Crimson Pygmy Barberrry	23.00	
32 93 33 00-0052	EA	3 Gallon Berberis thunbergii - Crimson Pygmy Barberrry	28.11	
32 93 33 00-0053	EA	1 Gallon Berberis x mentorensis - Mentor Barberrry	11.07	
32 93 33 00-0054	EA	5 Gallon Berberis x mentorensis - Mentor Barberrry	31.27	
32 93 33 00-0055	EA	2' To 3' Berberis x mentorensis - Mentor Barberrry	43.44	
32 93 33 00-0056	EA	3' To 4' Berberis x mentorensis - Mentor Barberrry	67.04	
32 93 33 00-0057	EA	1 Gallon Buxus microphylla japonica - Japanese Boxwood.....	12.65	
32 93 33 00-0058	EA	5 Gallon Buxus microphylla japonica - Japanese Boxwood.....	33.95	
32 93 33 00-0059	EA	12" To 15" Buxus microphylla japonica - Japanese Boxwood	36.14	
32 93 33 00-0060	EA	15" To 18" Buxus microphylla japonica - Japanese Boxwood	46.48	
32 93 33 00-0061	EA	18" To 24" Buxus microphylla japonica - Japanese Boxwood	61.93	
32 93 33 00-0062	EA	24" To 30" Buxus microphylla japonica - Japanese Boxwood	92.96	
32 93 33 00-0063	EA	30" To 36" Buxus microphylla japonica - Japanese Boxwood	129.10	
32 93 33 00-0064	EA	12" To 15" Buxus sempervirens - Common Boxwood	36.14	
32 93 33 00-0065	EA	15" To 18" Buxus sempervirens - Common Boxwood	46.48	
32 93 33 00-0066	EA	18" To 24" Buxus sempervirens - Common Boxwood	61.93	
32 93 33 00-0067	EA	24" To 30" Buxus sempervirens - Common Boxwood	92.96	
32 93 33 00-0068	EA	2 Gallon Buxus Hybrid - Boxwood Cultivars	23.79	
32 93 33 00-0069	EA	5 Gallon Buxus Hybrid - Boxwood Cultivars	39.64	
32 93 33 00-0070	EA	5 Gallon Buxus microphylla & cvs - Little leaf Boxwood.....	104.20	
32 93 33 00-0071	EA	18" Balled and Burlapped, Buxus microphylla & cvs - Little leaf Boxwood	56.63	
32 93 33 00-0072	EA	24" Balled and Burlapped, Buxus microphylla & cvs - Little leaf Boxwood	77.02	
32 93 33 00-0073	EA	30" Balled and Burlapped, Buxus microphylla & cvs - Little leaf Boxwood	104.20	
32 93 33 00-0074	EA	1 Gallon Callistemon citrinus ' Little John' - Dwarf Bottle Bush	8.06	
32 93 33 00-0075	EA	5 Gallon Callistemon citrinus ' Little John' - Dwarf Bottle Bush	24.81	
32 93 33 00-0076	EA	15 Gallon Callistemon citrinus ' Little John' - Dwarf Bottle Bush	80.62	
32 93 33 00-0077	EA	5 Gallon Calycanthus floridus - Common Sweetshrub	37.38	
32 93 33 00-0078	EA	30" Balled and Burlapped, Calycanthus floridus - Common Sweetshrub	33.98	
32 93 33 00-0079	EA	36" Balled and Burlapped, Calycanthus floridus - Common Sweetshrub	45.31	
32 93 33 00-0080	EA	1 Gallon Camellia "Sasanqua" - Camellia	9.93	
32 93 33 00-0081	EA	3 Gallon Camellia "Sasanqua" - Camellia	21.19	
32 93 33 00-0082	EA	5 Gallon Camellia "Sasanqua" - Camellia	35.24	
32 93 33 00-0083	EA	7 Gallon Camellia "Sasanqua" - Camellia	52.47	
32 93 33 00-0084	EA	15 Gallon Camellia "Sasanqua" - Camellia	136.13	
32 93 33 00-0085	EA	1 Gallon Camellia japonica - Camellia	9.93	
32 93 33 00-0086	EA	3 Gallon Camellia japonica - Camellia	21.19	
32 93 33 00-0087	EA	5 Gallon Camellia japonica - Camellia	35.24	
32 93 33 00-0088	EA	5 Gallon Ceanothus americanus - New Jersey Tea.....	37.38	
32 93 33 00-0089	EA	1 Gallon Ceanothus Griseus Horizontalis 'Yankee Point' - Yankee Point Ceanothus	10.14	
32 93 33 00-0090	EA	5 Gallon Ceanothus Griseus Horizontalis 'Yankee Point' - Yankee Point Ceanothus	26.36	
32 93 33 00-0091	EA	5 Gallon Celastrus scandens - Bittersweet	37.38	
32 93 33 00-0092	EA	36" Balled and Burlapped, Celastrus scandens - Bittersweet	31.71	
32 93 33 00-0093	EA	5 Gallon Cephalanthus occidentalis - Buttonbush	37.38	
32 93 33 00-0094	EA	24" Balled and Burlapped, Cephalanthus occidentalis - Buttonbush	28.32	
32 93 33 00-0095	EA	30" Balled and Burlapped, Cephalanthus occidentalis - Buttonbush	31.71	
32 93 33 00-0096	EA	36" Balled and Burlapped, Cephalanthus occidentalis - Buttonbush	33.98	
32 93 33 00-0097	EA	18" To 24" Chaenomeles speciosa - Flowering Quince	32.61	
32 93 33 00-0098	EA	2' To 3' Chaenomeles speciosa - Flowering Quince	43.44	
32 93 33 00-0099	EA	3' To 4' Chaenomeles speciosa - Flowering Quince	67.04	
32 93 33 00-0100	EA	1 Gallon Cistus Hybridus - White Rockrose	8.98	
32 93 33 00-0101	EA	5 Gallon Cistus Hybridus - White Rockrose	22.21	
32 93 33 00-0102	EA	3 Gallon Clethra alnifolia & cvs - Summersweet Clethra	36.24	
32 93 33 00-0103	EA	18" Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra	39.08	
32 93 33 00-0104	EA	24" Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra	43.61	
32 93 33 00-0105	EA	30" Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra	45.87	
32 93 33 00-0106	EA	36" Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra	53.80	
32 93 33 00-0107	EA	1 Gallon Coleonema Pulchellum - Confetti Bush	8.98	
32 93 33 00-0108	EA	5 Gallon Coleonema Pulchellum - Confetti Bush	22.21	
32 93 33 00-0109	EA	15 Gallon Coleonema Pulchellum - Confetti Bush	104.00	
32 93 33 00-0110	EA	2' To 3' Cornus mas - Cornelian Cherry	51.59	
32 93 33 00-0111	EA	3' To 4' Cornus mas - Cornelian Cherry	64.49	
32 93 33 00-0112	EA	4' To 5' Cornus mas - Cornelian Cherry	82.62	
32 93 33 00-0113	EA	5' To 6' Cornus mas - Cornelian Cherry	113.52	
32 93 33 00-0114	EA	5 Gallon Cornus alba & cvs - Tartarian Dogwood	33.98	
32 93 33 00-0115	EA	36" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood	23.79	
32 93 33 00-0116	EA	48" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood	27.18	
32 93 33 00-0117	EA	60" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood	33.98	
32 93 33 00-0118	EA	72" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood	40.78	
32 93 33 00-0119	EA	36" Balled and Burlapped, Cornus amomum - Silky Dogwood	33.98	
32 93 33 00-0120	EA	5 Gallon Cornus obliqua - Blue Fruited Dogwood	37.38	
32 93 33 00-0121	EA	5 Gallon Cornus racemosa - Gray Dogwood	37.38	
32 93 33 00-0122	EA	36" Balled and Burlapped, Cornus racemosa - Gray Dogwood	33.98	
32 93 33 00-0123	EA	48" Balled and Burlapped, Cornus racemosa - Gray Dogwood	39.64	
32 93 33 00-0124	EA	60" Balled and Burlapped, Cornus racemosa - Gray Dogwood	43.04	
32 93 33 00-0125	EA	72" Balled and Burlapped, Cornus racemosa - Gray Dogwood	52.10	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0126	EA	36"	Balled and Burlapped, Cornus sanguinea & cvs - Bloodtwig Dogwood.....	36.81	
32 93 33 00-0127	EA	48"	Balled and Burlapped, Cornus sanguinea & cvs - Bloodtwig Dogwood.....	41.34	
32 93 33 00-0128	EA	60"	Balled and Burlapped, Cornus sanguinea & cvs - Bloodtwig Dogwood.....	47.01	
32 93 33 00-0129	EA	24"	Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood.....	29.45	
32 93 33 00-0130	EA	30"	Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood.....	33.98	
32 93 33 00-0131	EA	36"	Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood.....	36.24	
32 93 33 00-0132	EA	48"	Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood.....	39.64	
32 93 33 00-0133	EA	60"	Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood.....	44.17	
32 93 33 00-0134	EA	5 Gallon	Corylus americana - American Filbert.....	35.11	
32 93 33 00-0135	EA	30"	Balled and Burlapped, Corylus americana - American Filbert.....	39.64	
32 93 33 00-0136	EA	36"	Balled and Burlapped, Corylus americana - American Filbert.....	42.47	
32 93 33 00-0137	EA	48"	Balled and Burlapped, Corylus americana - American Filbert.....	45.87	
32 93 33 00-0138	EA	24"	Balled and Burlapped, Corylus avellena - Contorted Hazelnut.....	113.27	
32 93 33 00-0139	EA	30"	Balled and Burlapped, Corylus avellena - Contorted Hazelnut.....	147.24	
32 93 33 00-0140	EA	36"	Balled and Burlapped, Corylus avellena - Contorted Hazelnut.....	158.57	
32 93 33 00-0141	EA	42"	Balled and Burlapped, Corylus avellena - Contorted Hazelnut.....	203.88	
32 93 33 00-0142	EA	48"	Balled and Burlapped, Corylus avellena - Contorted Hazelnut.....	249.18	
32 93 33 00-0143	EA	60"	Balled and Burlapped, Corylus avellena - Contorted Hazelnut.....	283.16	
32 93 33 00-0144	EA	5' To 6'	Cotinus coggygria - Smoke Tree.....	108.42	
32 93 33 00-0145	EA	6' To 8'	Cotinus coggygria - Smoke Tree.....	162.56	
32 93 33 00-0146	EA	8' To 10'	Cotinus coggygria - Smoke Tree.....	245.18	
32 93 33 00-0147	EA	5 Gallon	Cotoneaster acutifolia & cvs - Peking Cotoneaster.....	28.32	
32 93 33 00-0148	EA	18"	Balled and Burlapped, Cotoneaster acutifolia & cvs - Peking Cotoneaster.....	28.32	
32 93 33 00-0149	EA	24"	Balled and Burlapped, Cotoneaster acutifolia & cvs - Peking Cotoneaster.....	29.45	
32 93 33 00-0150	EA	12" To 15"	Spread Cotoneaster adpressus - Creeping Cotoneaster.....	27.13	
32 93 33 00-0151	EA	3 Gallon	Cotoneaster apiculata & cvs - Cranberry Cotoneaster.....	29.45	
32 93 33 00-0152	EA	18"	Balled and Burlapped, Cotoneaster apiculata & cvs - Cranberry Cotoneaster.....	28.32	
32 93 33 00-0153	EA	24"	Balled and Burlapped, Cotoneaster apiculata & cvs - Cranberry Cotoneaster.....	29.45	
32 93 33 00-0154	EA	1 Gallon	Cotoneaster divaricatus - Spreading Cotoneaster.....	11.68	
32 93 33 00-0155	EA	2' To 3'	Cotoneaster divaricatus - Spreading Cotoneaster.....	36.14	
32 93 33 00-0156	EA	3' To 4'	Cotoneaster divaricatus - Spreading Cotoneaster.....	48.79	
32 93 33 00-0157	EA	4' To 5'	Cotoneaster divaricatus - Spreading Cotoneaster.....	82.62	
32 93 33 00-0158	EA	1 Gallon	Cotoneaster glaucophyllus - Gray Leaf Cotoneaster.....	8.98	
32 93 33 00-0159	EA	5 Gallon	Cotoneaster glaucophyllus - Gray Leaf Cotoneaster.....	22.21	
32 93 33 00-0160	EA	1 Gallon	Cotoneaster horizontalis - Rockspray Cotoneaster.....	11.68	
32 93 33 00-0161	EA	2 Gallon	Cotoneaster horizontalis - Rockspray Cotoneaster.....	23.00	
32 93 33 00-0162	EA	1 Gallon	Cotoneaster lacteus - Red Clusterberry.....	8.98	
32 93 33 00-0163	EA	5 Gallon	Cotoneaster lacteus - Red Clusterberry.....	22.21	
32 93 33 00-0164	EA	15 Gallon	Cotoneaster lacteus - Red Clusterberry.....	88.16	
32 93 33 00-0165	EA	1 Gallon	Dendromecon harfordii - Island Bush Poppy.....	20.67	
32 93 33 00-0166	EA	5 Gallon	Dendromecon harfordii - Island Bush Poppy.....	51.68	
32 93 33 00-0167	EA	18"	Balled and Burlapped, Deutzia gracilis - Slender Deutzia.....	28.88	
32 93 33 00-0168	EA	24"	Balled and Burlapped, Deutzia gracilis - Slender Deutzia.....	31.71	
32 93 33 00-0169	EA	30"	Balled and Burlapped, Deutzia gracilis - Slender Deutzia.....	40.78	
32 93 33 00-0170	EA	36"	Balled and Burlapped, Deutzia gracilis - Slender Deutzia.....	47.57	
32 93 33 00-0171	EA	42"	Balled and Burlapped, Deutzia gracilis - Slender Deutzia.....	54.37	
32 93 33 00-0172	EA	24"	Balled and Burlapped, Diervilla sessilifolia - Southern Bush Honeysuckle.....	45.31	
32 93 33 00-0173	EA	30"	Balled and Burlapped, Diervilla sessilifolia - Southern Bush Honeysuckle.....	54.37	
32 93 33 00-0174	EA	36"	Balled and Burlapped, Diervilla sessilifolia - Southern Bush Honeysuckle.....	63.43	
32 93 33 00-0175	EA	2 Gallon	Diervilla splendens - Splendens Bush Honeysuckle.....	16.99	
32 93 33 00-0176	EA	36"	Balled and Burlapped, Diervilla splendens - Splendens Bush Honeysuckle.....	40.78	
32 93 33 00-0177	EA	48"	Balled and Burlapped, Diervilla splendens - Splendens Bush Honeysuckle.....	54.37	
32 93 33 00-0178	EA	5 Gallon	Elaeagnus angustifolia - Russian Olive.....	22.21	
32 93 33 00-0179	EA	1 Gallon	Elaeagnus ebbingei 'Gilt Edge' - Gilt Edge Silverberry.....	8.98	
32 93 33 00-0180	EA	5 Gallon	Elaeagnus ebbingei 'Gilt Edge' - Gilt Edge Silverberry.....	22.21	
32 93 33 00-0181	EA	15 Gallon	Elaeagnus ebbingei 'Gilt Edge' - Gilt Edge Silverberry.....	88.16	
32 93 33 00-0182	EA	1 Gallon	Elaeagnus pungens 'Fruitlandii' - Fruitland Silverberry.....	8.98	
32 93 33 00-0183	EA	5 Gallon	Elaeagnus pungens 'Fruitlandii' - Fruitland Silverberry.....	22.21	
32 93 33 00-0184	EA	15 Gallon	Elaeagnus pungens 'Fruitlandii' - Fruitland Silverberry.....	88.16	
32 93 33 00-0185	EA	3' To 4'	Elaeagnus umbellata - Autumn Olive.....	33.83	
32 93 33 00-0186	EA	4' To 5'	Elaeagnus umbellata - Autumn Olive.....	46.48	
32 93 33 00-0187	EA	5' To 6'	Elaeagnus umbellata - Autumn Olive.....	55.61	
32 93 33 00-0188	EA	3' To 4'	Elaeagnus angustifolia - Russian Olive.....	54.15	
32 93 33 00-0189	EA	1 Gallon	Escallonia x exoniensis 'Fradesii' - Pink Princess Escallonia.....	8.98	
32 93 33 00-0190	EA	5 Gallon	Escallonia x exoniensis 'Fradesii' - Pink Princess Escallonia.....	22.21	
32 93 33 00-0191	EA	15 Gallon	Escallonia x exoniensis 'Fradesii' - Pink Princess Escallonia.....	88.16	
32 93 33 00-0192	EA	1 Gallon	Euonymus - Gold Spot.....	9.74	
32 93 33 00-0193	EA	2 Gallon	Euonymus - Gold Spot.....	20.44	
32 93 33 00-0194	EA	5 Gallon	Euonymus - Gold Spot.....	28.11	
32 93 33 00-0195	EA	1 Gallon	Euonymus alatus - Winged Euonymus.....	8.31	
32 93 33 00-0196	EA	3 Gallon	Euonymus alatus - Winged Euonymus.....	23.97	
32 93 33 00-0197	EA	24"	Balled and Burlapped, Euonymus alatus - Winged Euonymus.....	32.30	
32 93 33 00-0198	EA	30"	Balled and Burlapped, Euonymus alatus - Winged Euonymus.....	40.38	
32 93 33 00-0199	EA	36"	Balled and Burlapped, Euonymus alatus - Winged Euonymus.....	55.49	
32 93 33 00-0200	EA	42"	Balled and Burlapped, Euonymus alatus - Winged Euonymus.....	68.51	
32 93 33 00-0201	EA	48"	Balled and Burlapped, Euonymus alatus - Winged Euonymus.....	80.76	
32 93 33 00-0202	EA	54"	Balled and Burlapped, Euonymus alatus - Winged Euonymus.....	104.20	
32 93 33 00-0203	EA	5 Gallon	Euonymus alatus - Winged Euonymus.....	29.96	
32 93 33 00-0204	EA	60"	Balled and Burlapped, Euonymus alatus - Winged Euonymus.....	130.26	
32 93 33 00-0205	EA	30"	Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus.....	50.97	
32 93 33 00-0206	EA	36"	Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus.....	60.60	
32 93 33 00-0207	EA	42"	Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus.....	79.29	
32 93 33 00-0208	EA	48"	Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus.....	95.14	
32 93 33 00-0209	EA	60"	Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus.....	117.80	
32 93 33 00-0210	EA	18"	To 24" Euonymus alatus - Winged Burning Bush.....	36.14	

32 Exterior Improvements**32 90 Planting****32 93 Plants**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0211	EA	2' To 2-1/2' Euonymus alatus - Winged Burning Bush.....	42.59	
32 93 33 00-0212	EA	2-1/2' To 3' Euonymus alatus - Winged Burning Bush.....	58.16	
32 93 33 00-0213	EA	3' To 3-1/2' Euonymus alatus - Winged Burning Bush.....	69.72	
32 93 33 00-0214	EA	3-1/2' To 4' Euonymus alatus - Winged Burning Bush.....	87.73	
32 93 33 00-0215	EA	4' To 5' Euonymus alatus - Winged Burning Bush.....	123.87	
32 93 33 00-0216	EA	5' To 6' Euonymus alatus - Winged Burning Bush.....	154.90	
32 93 33 00-0217	EA	6' To 8' Euonymus alatus - Winged Burning Bush.....	180.69	
32 93 33 00-0218	EA	15" To 18" Euonymus alatus - Dwarf Winged Burning Bush.....	36.14	
32 93 33 00-0219	EA	18" To 24" Euonymus alatus - Dwarf Winged Burning Bush.....	41.25	
32 93 33 00-0220	EA	2' To 2-1/2' Euonymus alatus - Dwarf Winged Burning Bush.....	50.37	
32 93 33 00-0221	EA	2-1/2' To 3' Euonymus alatus - Dwarf Winged Burning Bush.....	71.06	
32 93 33 00-0222	EA	3' To 3-1/2' Euonymus alatus - Dwarf Winged Burning Bush.....	83.96	
32 93 33 00-0223	EA	3-1/2' To 4' Euonymus alatus - Dwarf Winged Burning Bush.....	100.63	
32 93 33 00-0224	EA	4' To 5' Euonymus alatus - Dwarf Winged Burning Bush.....	142.00	
32 93 33 00-0225	EA	5' To 6' Euonymus alatus - Dwarf Winged Burning Bush.....	167.79	
32 93 33 00-0226	EA	36" Balled and Burlapped, Euonymus atropurpurea - Eastern Wahoo.....	30.58	
32 93 33 00-0227	EA	1 Gallon Euonymus fortunei - Wintercreeper.....	11.68	
32 93 33 00-0228	EA	2 Gallon Euonymus fortunei - Wintercreeper.....	23.00	
32 93 33 00-0229	EA	3 Gallon Euonymus fortunei - Wintercreeper.....	28.11	
32 93 33 00-0230	EA	5 Gallon Euonymus fortunei - Wintercreeper.....	33.34	
32 93 33 00-0231	EA	1 Gallon Euonymus japonicus - Evergreen Spindle.....	8.98	
32 93 33 00-0232	EA	5 Gallon Euonymus japonicus - Evergreen Spindle.....	22.21	
32 93 33 00-0233	EA	15 Gallon Euonymus japonicus - Evergreen Spindle.....	88.16	
32 93 33 00-0234	EA	2' To 3' Forsythia - Korean Forsythia.....	25.80	
32 93 33 00-0235	EA	3' To 4' Forsythia - Korean Forsythia.....	32.61	
32 93 33 00-0236	EA	4' To 5' Forsythia - Korean Forsythia.....	40.64	
32 93 33 00-0237	EA	30" Balled and Burlapped, Forsythia cvs - Forsythia cultivars.....	26.05	
32 93 33 00-0238	EA	36" Balled and Burlapped, Forsythia cvs - Forsythia cultivars.....	28.88	
32 93 33 00-0239	EA	48" Balled and Burlapped, Forsythia cvs - Forsythia cultivars.....	31.15	
32 93 33 00-0240	EA	18" Balled and Burlapped, Forsythia viridissima & cvs - Green Forsythia.....	27.18	
32 93 33 00-0241	EA	24" Balled and Burlapped, Forsythia viridissima & cvs - Green Forsythia.....	36.24	
32 93 33 00-0242	EA	24" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia.....	27.18	
32 93 33 00-0243	EA	30" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia.....	31.71	
32 93 33 00-0244	EA	36" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia.....	37.38	
32 93 33 00-0245	EA	42" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia.....	43.04	
32 93 33 00-0246	EA	48" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia.....	49.84	
32 93 33 00-0247	EA	2 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla.....	38.51	
32 93 33 00-0248	EA	3 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla.....	53.80	
32 93 33 00-0249	EA	5 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla.....	56.63	
32 93 33 00-0250	EA	15" Balled and Burlapped, Fothergilla gardenii & cvs - Dwarf Fothergilla.....	58.90	
32 93 33 00-0251	EA	18" Balled and Burlapped, Fothergilla gardenii & cvs - Dwarf Fothergilla.....	63.43	
32 93 33 00-0252	EA	24" Balled and Burlapped, Fothergilla gardenii & cvs - Dwarf Fothergilla.....	77.02	
32 93 33 00-0253	EA	24" Balled and Burlapped, Fothergilla major - Large Fothergilla.....	99.67	
32 93 33 00-0254	EA	30" Balled and Burlapped, Fothergilla major - Large Fothergilla.....	113.27	
32 93 33 00-0255	EA	1 Gallon Gardenia jasminoides - Cape Jasmine.....	8.40	
32 93 33 00-0256	EA	3 Gallon Gardenia jasminoides - Cape Jasmine.....	22.02	
32 93 33 00-0257	EA	5 Gallon Gardenia jasminoides - Cape Jasmine.....	28.11	
32 93 33 00-0258	EA	1 Gallon Grevillea 'Noellii' - Noel's Grevillea.....	8.98	
32 93 33 00-0259	EA	5 Gallon Grevillea 'Noellii' - Noel's Grevillea.....	22.21	
32 93 33 00-0260	EA	15 Gallon Grevillea 'Noellii' - Noel's Grevillea.....	88.16	
32 93 33 00-0261	EA	36" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel.....	79.29	
32 93 33 00-0262	EA	48" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel.....	129.12	
32 93 33 00-0263	EA	60" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel.....	163.10	
32 93 33 00-0264	EA	72" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel.....	249.18	
32 93 33 00-0265	EA	84" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel.....	283.16	
32 93 33 00-0266	EA	1 Gallon Hedychiium gartdnerum - Variegated Ginger.....	4.82	
32 93 33 00-0267	EA	3 Gallon Hedychiium gartdnerum - Variegated Ginger.....	16.93	
32 93 33 00-0268	EA	5 Gallon Hedychiium gartdnerum - Variegated Ginger.....	32.56	
32 93 33 00-0269	EA	1 Gallon Hibiscus rosa-sinensis - Hibiscus.....	12.35	
32 93 33 00-0270	EA	3 Gallon Hibiscus rosa-sinensis - Hibiscus.....	20.84	
32 93 33 00-0271	EA	5 Gallon Hibiscus rosa-sinensis - Hibiscus.....	31.52	
32 93 33 00-0272	EA	5 Gallon Hibiscus syriacus - Rose Of Sharon.....	32.61	
32 93 33 00-0273	EA	2' To 3' Hibiscus syriacus - Rose Of Sharon.....	27.74	
32 93 33 00-0274	EA	3' To 4' Hibiscus syriacus - Rose Of Sharon.....	37.48	
32 93 33 00-0275	EA	4' To 5' Hibiscus syriacus - Rose Of Sharon.....	54.15	
32 93 33 00-0276	EA	5' To 6' Hibiscus syriacus - Rose Of Sharon.....	74.83	
32 93 33 00-0277	EA	2 Gallon Hydrangea - Blue Hydrangea.....	23.00	
32 93 33 00-0278	EA	5 Gallon Hydrangea - Blue Hydrangea.....	32.37	
32 93 33 00-0279	EA	2' To 3' Hydrangea paniculata "Grandiflora" - Peegee Hydrangea.....	36.14	
32 93 33 00-0280	EA	3' To 4' Hydrangea paniculata "Grandiflora" - Peegee Hydrangea.....	41.25	
32 93 33 00-0281	EA	2 Gallon Hydrangea quercifolia - Oakleaf Hydrangea.....	23.00	
32 93 33 00-0282	EA	5 Gallon Hydrangea arborescens & cvs - Smooth Hydrangea.....	39.64	
32 93 33 00-0283	EA	30" Balled and Burlapped, Hydrangea arborescens & cvs - Smooth Hydrangea.....	43.04	
32 93 33 00-0284	EA	36" Balled and Burlapped, Hydrangea arborescens & cvs - Smooth Hydrangea.....	49.84	
32 93 33 00-0285	EA	4 Gallon Hydrangea macrophylla & cvs - Bigleaf Hydrangea.....	52.10	
32 93 33 00-0286	EA	18" Balled and Burlapped, Hydrangea macrophylla & cvs - Bigleaf Hydrangea.....	40.78	
32 93 33 00-0287	EA	24" Balled and Burlapped, Hydrangea macrophylla & cvs - Bigleaf Hydrangea.....	54.37	
32 93 33 00-0288	EA	3 Gallon Hydrangea paniculata & cvs - Panicle Hydrangea.....	23.79	
32 93 33 00-0289	EA	5 Gallon Hydrangea paniculata & cvs - Panicle Hydrangea.....	28.32	
32 93 33 00-0290	EA	18" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea.....	24.35	
32 93 33 00-0291	EA	24" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea.....	26.05	
32 93 33 00-0292	EA	30" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea.....	29.45	
32 93 33 00-0293	EA	36" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea.....	33.98	
32 93 33 00-0294	EA	48" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea.....	45.31	
32 93 33 00-0295	EA	18" Balled and Burlapped, Hydrangea quercifolia & cvs - Oakleaf Hydrangea.....	32.85	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0296	EA	24"	Balled and Burlapped, Hydrangea quercifolia & cvs - Oakleaf Hydrangea.....	37.38	
32 93 33 00-0297	EA	30"	Balled and Burlapped, Hydrangea quercifolia & cvs - Oakleaf Hydrangea.....	44.17	
32 93 33 00-0298	EA	2	Gallon Hypericum kalmianum - St. John's Wort.....	23.00	
32 93 33 00-0299	EA	3	Gallon Hypericum kalmianun - Kalm St. John's Wort.....	27.18	
32 93 33 00-0300	EA	24"	Balled and Burlapped, Hypericum kalmianun - Kalm St. John's Wort.....	29.45	
32 93 33 00-0301	EA	1	Gallon Ilex "Carissa" - Holly.....	11.68	
32 93 33 00-0302	EA	2	Gallon Ilex "Carissa" - Holly.....	23.00	
32 93 33 00-0303	EA	5	Gallon Ilex "Carissa" - Holly.....	32.37	
32 93 33 00-0304	EA	18"	To 24" Ilex - Gulfside Sweet Holly.....	31.03	
32 93 33 00-0305	EA	2'	To 2-1/2' Ilex - Gulfside Sweet Holly.....	39.30	
32 93 33 00-0306	EA	2-1/2'	To 3' Ilex - Gulfside Sweet Holly.....	50.98	
32 93 33 00-0307	EA	3'	To 3-1/2' Ilex - Gulfside Sweet Holly.....	61.93	
32 93 33 00-0308	EA	3	Gallon Ilex cornuta - Dwarf Horned Holly.....	23.18	
32 93 33 00-0309	EA	1	Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly.....	11.68	
32 93 33 00-0310	EA	2	Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly.....	23.00	
32 93 33 00-0311	EA	5	Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly.....	33.34	
32 93 33 00-0312	EA	1	Gallon Ilex crenata - Hellers Japanese Holly.....	11.68	
32 93 33 00-0313	EA	2	Gallon Ilex crenata - Hellers Japanese Holly.....	25.55	
32 93 33 00-0314	EA	3	Gallon Ilex crenata - Hellers Japanese Holly.....	33.34	
32 93 33 00-0315	EA	2	Gallon Ilex crenata - Hetzi Japanese Holly.....	25.55	
32 93 33 00-0316	EA	3	Gallon Ilex crenata - Hetzi Japanese Holly.....	30.78	
32 93 33 00-0317	EA	2'	To 3' Ilex crenata - Hetzi Japanese Holly.....	61.93	
32 93 33 00-0318	EA	3'	To 4' Ilex crenata - Hetzi Japanese Holly.....	82.62	
32 93 33 00-0319	EA	2'	To 3' Ilex opaca - American Holly.....	82.62	
32 93 33 00-0320	EA	3'	To 4' Ilex opaca - American Holly.....	136.77	
32 93 33 00-0321	EA	4'	To 5' Ilex opaca - American Holly.....	175.46	
32 93 33 00-0322	EA	5'	To 6' Ilex opaca - American Holly.....	211.60	
32 93 33 00-0323	EA	6'	To 7' Ilex opaca - American Holly.....	296.77	
32 93 33 00-0324	EA	7'	To 8' Ilex opaca - American Holly.....	412.98	
32 93 33 00-0325	EA	8'	To 10' Ilex opaca - American Holly.....	593.55	
32 93 33 00-0326	EA	10'	To 12' Ilex opaca - American Holly.....	903.34	
32 93 33 00-0327	EA	12'	To 14' Ilex opaca - American Holly.....	1,096.81	
32 93 33 00-0328	EA	14'	To 16' Ilex opaca - American Holly.....	1,354.89	
32 93 33 00-0329	EA	2'	To 3' Ilex verticillata - Winterberry (Female).....	82.62	
32 93 33 00-0330	EA	3'	To 4' Ilex verticillata - Winterberry (Female).....	108.42	
32 93 33 00-0331	EA	2'	To 3' Ilex verticillata - Winterberry (Male).....	67.04	
32 93 33 00-0332	EA	3'	To 4' Ilex verticillata - Winterberry (Male).....	92.96	
32 93 33 00-0333	EA	4'	To 5' Ilex verticillata - Winterberry (Male).....	108.42	
32 93 33 00-0334	EA	1	Gallon Ilex vomitoria - Yaupon Holly.....	10.95	
32 93 33 00-0335	EA	3	Gallon Ilex vomitoria - Yaupon Holly.....	22.02	
32 93 33 00-0336	EA	10	Gallon Ilex vomitoria - Yaupon Holly.....	77.39	
32 93 33 00-0337	EA	18"	Balled and Burlapped, Ilex glabra compacta & cvs - Compact Inkberry Holly.....	35.11	
32 93 33 00-0338	EA	24"	Balled and Burlapped, Ilex glabra compacta & cvs - Compact Inkberry Holly.....	39.64	
32 93 33 00-0339	EA	3	Gallon Ilex meserveae & cvs - Blue Holly.....	45.31	
32 93 33 00-0340	EA	18"	Balled and Burlapped, Ilex meserveae & cvs - Blue Holly.....	41.91	
32 93 33 00-0341	EA	24"	Balled and Burlapped, Ilex meserveae & cvs - Blue Holly.....	50.97	
32 93 33 00-0342	EA	5	Gallon Ilex verticillata & cvs - Common Winterberry.....	37.38	
32 93 33 00-0343	EA	24"	Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry.....	37.38	
32 93 33 00-0344	EA	30"	Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry.....	39.64	
32 93 33 00-0345	EA	36"	Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry.....	47.57	
32 93 33 00-0346	EA	42"	Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry.....	53.23	
32 93 33 00-0347	EA	48"	Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry.....	56.63	
32 93 33 00-0348	EA	60"	Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry.....	72.49	
32 93 33 00-0349	EA	4'	To 5' Ilex x attenuata "Foster" - Holly.....	134.21	
32 93 33 00-0350	EA	5'	To 6' Ilex x attenuata "Foster" - Holly.....	178.01	
32 93 33 00-0351	EA	6'	To 7' Ilex x attenuata "Foster" - Holly.....	159.28	
32 93 33 00-0352	EA	7'	To 8' Ilex x attenuata "Foster" - Holly.....	309.67	
32 93 33 00-0353	EA	1	Gallon Jasimnum - Jasmine.....	3.00	
32 93 33 00-0354	EA	3	Gallon Jasimnum - Jasmine.....	11.72	
32 93 33 00-0355	EA	3	Gallon Jasimnum - Orange Jasmine.....	9.12	
32 93 33 00-0356	EA	4'	To 5' Jasimnum - Orange Jasmine.....	104.20	
32 93 33 00-0357	EA	6'	To 7' Jasimnum - Orange Jasmine.....	208.41	
32 93 33 00-0358	EA	8'	To 10' Jasimnum - Orange Jasmine.....	281.35	
32 93 33 00-0359	EA	3	Gallon Juniperus chinensis cvs - Chinese Juniper.....	39.64	
32 93 33 00-0360	EA	5	Gallon Juniperus chinensis cvs - Chinese Juniper.....	44.17	
32 93 33 00-0361	EA	18"	Balled and Burlapped, Juniperus chinensis cvs - Chinese Juniper.....	58.90	
32 93 33 00-0362	EA	24"	Balled and Burlapped, Juniperus chinensis cvs - Chinese Juniper.....	77.02	
32 93 33 00-0363	EA	30"	Balled and Burlapped, Juniperus chinensis cvs - Chinese Juniper.....	90.61	
32 93 33 00-0364	EA	36"	Balled and Burlapped, Juniperus chinensis cvs - Chinese Juniper.....	122.33	
32 93 33 00-0365	EA	48"	Balled and Burlapped, Juniperus chinensis cvs - Chinese Juniper.....	167.63	
32 93 33 00-0366	EA	1	Gallon Juniperus horizontalis cvs - Creeping Juniper.....	18.89	
32 93 33 00-0367	EA	3	Gallon Juniperus horizontalis cvs - Creeping Juniper.....	39.64	
32 93 33 00-0368	EA	5	Gallon Juniperus horizontalis cvs - Creeping Juniper.....	44.17	
32 93 33 00-0369	EA	15"	Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper.....	47.57	
32 93 33 00-0370	EA	18"	Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper.....	52.10	
32 93 33 00-0371	EA	24"	Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper.....	63.43	
32 93 33 00-0372	EA	30"	Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper.....	77.02	
32 93 33 00-0373	EA	3	Gallon Juniperus procumbens cvs - Japanese Garden Juniper.....	30.58	
32 93 33 00-0374	EA	18"	Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper.....	36.24	
32 93 33 00-0375	EA	24"	Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper.....	49.84	
32 93 33 00-0376	EA	30"	Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper.....	63.43	
32 93 33 00-0377	EA	36"	Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper.....	77.02	
32 93 33 00-0378	EA	3	Gallon Juniperus sabina cvs - Savin Juniper.....	28.32	
32 93 33 00-0379	EA	5	Gallon Juniperus sabina cvs - Savin Juniper.....	33.98	
32 93 33 00-0380	EA	4	Gallon Juniperus virginiana cvs - Red Cedar Juniper.....	29.45	

32 Exterior Improvements**32 90 Planting****32 93 Plants**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 93 33 00-0381	EA	36" Balled and Burlapped, Juniperus virginiana cvs - Red Cedar Juniper	56.63	
32 93 33 00-0382	EA	48" Balled and Burlapped, Juniperus virginiana cvs - Red Cedar Juniper	88.35	
32 93 33 00-0383	EA	60" Balled and Burlapped, Juniperus virginiana cvs - Red Cedar Juniper	111.00	
32 93 33 00-0384	EA	15" To 18" Kalmia latifolia - Mountain Laurel	46.48	
32 93 33 00-0385	EA	18" To 24" Kalmia latifolia - Mountain Laurel	61.93	
32 93 33 00-0386	EA	2' To 3' Kalmia latifolia - Mountain Laurel	90.28	
32 93 33 00-0387	EA	4' To 5' Kalmia latifolia - Mountain Laurel	165.12	
32 93 33 00-0388	EA	5' To 6' Kalmia latifolia - Mountain Laurel	252.97	
32 93 33 00-0389	EA	6' To 8' Kalmia latifolia - Mountain Laurel	387.18	
32 93 33 00-0390	EA	1 Gallon Kerria japonica - Kerria	10.34	
32 93 33 00-0391	EA	5 Gallon Kerria japonica - Kerria	32.37	
32 93 33 00-0392	EA	24" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	32.85	
32 93 33 00-0393	EA	30" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	37.38	
32 93 33 00-0394	EA	36" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	40.78	
32 93 33 00-0395	EA	42" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	47.57	
32 93 33 00-0396	EA	48" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	54.37	
32 93 33 00-0397	EA	60" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	67.96	
32 93 33 00-0398	EA	1 Gallon Lagerstroemia indica - Crape Myrtle	7.79	
32 93 33 00-0399	EA	5 Gallon Lagerstroemia indica - Crape Myrtle	27.74	
32 93 33 00-0400	EA	3' To 4' Lagerstroemia indica - Crape Myrtle	38.69	
32 93 33 00-0401	EA	4' To 5' Lagerstroemia indica - Crape Myrtle	56.82	
32 93 33 00-0402	EA	5' To 6' Lagerstroemia indica - Crape Myrtle	90.28	
32 93 33 00-0403	EA	7' To 8' Lagerstroemia indica - Crape Myrtle	117.23	
32 93 33 00-0404	EA	9' To 10' Lagerstroemia indica - Crape Myrtle	156.31	
32 93 33 00-0405	EA	11' To 12' Lagerstroemia indica - Crape Myrtle	325.64	
32 93 33 00-0406	EA	1 Gallon Leucothoe axillaris - Coast Leucothoe	11.68	
32 93 33 00-0407	EA	2 Gallon Leucothoe axillaris - Coast Leucothoe	25.55	
32 93 33 00-0408	EA	3 Gallon Leucothoe axillaris - Coast Leucothoe	30.78	
32 93 33 00-0409	EA	1 Gallon Ligustrum lucidum - Glossy Privet	7.18	
32 93 33 00-0410	EA	5 Gallon Ligustrum lucidum - Glossy Privet	22.02	
32 93 33 00-0411	EA	15 Gallon Ligustrum lucidum - Glossy Privet	103.18	
32 93 33 00-0412	EA	1 Gallon Ligustrum sinense - Variegated Chinese Privet	7.18	
32 93 33 00-0413	EA	2 Gallon Ligustrum sinense - Variegated Chinese Privet	15.45	
32 93 33 00-0414	EA	3 Gallon Ligustrum sinense - Variegated Chinese Privet	20.08	
32 93 33 00-0415	EA	36" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet	33.98	
32 93 33 00-0416	EA	48" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet	49.84	
32 93 33 00-0417	EA	60" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet	63.43	
32 93 33 00-0418	EA	72" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet	72.49	
32 93 33 00-0419	EA	5 Gallon Lindera benzoin - Spicebush	37.38	
32 93 33 00-0420	EA	36" Balled and Burlapped, Lindera benzoin - Spicebush	31.71	
32 93 33 00-0421	EA	48" Balled and Burlapped, Lindera benzoin - Spicebush	38.51	
32 93 33 00-0422	EA	2' To 3' Lonicera fragrantissima - Winter Honeysuckle	61.93	
32 93 33 00-0423	EA	3' To 4' Lonicera fragrantissima - Winter Honeysuckle	74.83	
32 93 33 00-0424	EA	30" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle	33.98	
32 93 33 00-0425	EA	36" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle	40.78	
32 93 33 00-0426	EA	42" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle	45.31	
32 93 33 00-0427	EA	48" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle	49.84	
32 93 33 00-0428	EA	1 Gallon Myrica cerifera - Wax Myrtle	6.51	
32 93 33 00-0429	EA	4 Gallon Myrica cerifera - Wax Myrtle	20.84	
32 93 33 00-0430	EA	7 Gallon Myrica cerifera - Wax Myrtle	45.59	
32 93 33 00-0431	EA	10 Gallon Myrica cerifera - Wax Myrtle	67.73	
32 93 33 00-0432	EA	15 Gallon Myrica cerifera - Wax Myrtle	104.20	
32 93 33 00-0433	EA	45 Gallon Myrica cerifera - Wax Myrtle	312.61	
32 93 33 00-0434	EA	1' - 2' Myrica cerifera - Wax Myrtle	9.12	
32 93 33 00-0435	EA	3' - 4' Myrica cerifera - Wax Myrtle	31.26	
32 93 33 00-0436	EA	5' - 6' Myrica cerifera - Wax Myrtle	57.31	
32 93 33 00-0437	EA	7' - 8' Myrica cerifera - Wax Myrtle	78.15	
32 93 33 00-0438	EA	9' - 10' Myrica cerifera - Wax Myrtle	104.20	
32 93 33 00-0439	EA	11' - 12' Myrica cerifera - Wax Myrtle	158.91	
32 93 33 00-0440	EA	3 Gallon Myrica pensylvanica - Northern Bayberry	33.98	
32 93 33 00-0441	EA	24" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry	55.50	
32 93 33 00-0442	EA	30" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry	81.55	
32 93 33 00-0443	EA	36" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry	97.41	
32 93 33 00-0444	EA	48" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry	101.94	
32 93 33 00-0445	EA	1 Gallon Myoporum laetum 'Carsonii' Multi - Coast Myoporum	8.98	
32 93 33 00-0446	EA	5 Gallon Myoporum laetum 'Carsonii' Multi - Coast Myoporum	22.21	
32 93 33 00-0447	EA	15 Gallon Myoporum laetum 'Carsonii' Multi - Coast Myoporum	88.16	
32 93 33 00-0448	EA	1 Gallon Nandina domestica - Heavenly Bamboo	11.68	
32 93 33 00-0449	EA	2 Gallon Nandina domestica - Heavenly Bamboo	25.55	
32 93 33 00-0450	EA	5 Gallon Nandina domestica - Heavenly Bamboo	38.69	
32 93 33 00-0451	EA	15 Gallon Nerium oleander - Oleander	96.47	
32 93 33 00-0452	EA	24" Box Nerium oleander - Oleander	346.67	
32 93 33 00-0453	EA	1 Gallon Osmanthus fragrans - Fragrant Tea Olive	7.18	
32 93 33 00-0454	EA	3 Gallon Osmanthus fragrans - Fragrant Tea Olive	19.47	
32 93 33 00-0455	EA	1 Gallon Philadelphus - Evergreen Mockorange	9.98	
32 93 33 00-0456	EA	5 Gallon Philadelphus - Evergreen Mockorange	32.37	
32 93 33 00-0457	EA	36" Balled and Burlapped, Philadelphus x virginialis & cvs - Mockorange	33.98	
32 93 33 00-0458	EA	42" Balled and Burlapped, Philadelphus x virginialis & cvs - Mockorange	39.64	
32 93 33 00-0459	EA	48" Balled and Burlapped, Philadelphus x virginialis & cvs - Mockorange	45.31	
32 93 33 00-0460	EA	1 Gallon Photinia fraseri - Red-Tipped Photinia	8.98	
32 93 33 00-0461	EA	5 Gallon Photinia fraseri - Red-Tipped Photinia	22.21	
32 93 33 00-0462	EA	15 Gallon Photinia fraseri - Red-Tipped Photinia	88.16	
32 93 33 00-0463	EA	1 Gallon Phormium tenax - New Zealand Flax	9.46	
32 93 33 00-0464	EA	5 Gallon Phormium tenax - New Zealand Flax	22.69	
32 93 33 00-0465	EA	15 Gallon Phormium tenax - New Zealand Flax	96.47	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0466	EA	24"	Balled and Burlapped, Physocarpus opulifolius 'Nana' - Dwarf Common Ninebark	33.98	
32 93 33 00-0467	EA	30"	Balled and Burlapped, Physocarpus opulifolius 'Nana' - Dwarf Common Ninebark	39.64	
32 93 33 00-0468	EA	36"	Balled and Burlapped, Physocarpus opulifolius 'Nana' - Dwarf Common Ninebark	45.31	
32 93 33 00-0469	EA	42"	Balled and Burlapped, Physocarpus opulifolius 'Nana' - Dwarf Common Ninebark	56.63	
32 93 33 00-0470	EA	48"	Balled and Burlapped, Physocarpus opulifolius 'Nana' - Dwarf Common Ninebark	67.96	
32 93 33 00-0471	EA	12"	To 15" Spread Pieris - Mountain Andromeda	31.27	
32 93 33 00-0472	EA	15"	To 18" Spread Pieris - Mountain Andromeda	67.04	
32 93 33 00-0473	EA	12"	To 15" Pieris japonica - Japanese Andromeda.....	40.64	
32 93 33 00-0474	EA	15"	To 18" Pieris japonica - Japanese Andromeda.....	46.48	
32 93 33 00-0475	EA	18"	To 24" Pieris japonica - Japanese Andromeda.....	58.16	
32 93 33 00-0476	EA	2'	To 2-1/2' Pieris japonica - Japanese Andromeda.....	82.62	
32 93 33 00-0477	EA	2-1/2'	To 3' Pieris japonica - Japanese Andromeda.....	98.07	
32 93 33 00-0478	EA	24"	Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	34.87	
32 93 33 00-0479	EA	30"	Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	44.64	
32 93 33 00-0480	EA	36"	Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	53.70	
32 93 33 00-0481	EA	48"	Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	69.05	
32 93 33 00-0482	EA	60"	Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	82.99	
32 93 33 00-0483	EA	72"	Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	121.35	
32 93 33 00-0484	EA	30"	Balled and Burlapped, Pinus mugo compacta - Dwarf Mugo Pine	75.32	
32 93 33 00-0485	EA	36"	Balled and Burlapped, Pinus mugo compacta - Dwarf Mugo Pine	90.67	
32 93 33 00-0486	EA	48"	Balled and Burlapped, Pinus mugo compacta - Dwarf Mugo Pine	120.66	
32 93 33 00-0487	EA	1	Gallon Pittosporum - Pittosporum.....	4.30	
32 93 33 00-0488	EA	3	Gallon Pittosporum - Pittosporum.....	11.07	
32 93 33 00-0489	EA	1	Gallon Pittosporum - Varigated Pittosporum.....	4.30	
32 93 33 00-0490	EA	3	Gallon Pittosporum - Varigated Pittosporum.....	11.07	
32 93 33 00-0491	EA	5	Gallon Pittosporum - Varigated Pittosporum.....	19.41	
32 93 33 00-0492	EA	1	Gallon Pittosporum eugenioides - Lemonwood	10.31	
32 93 33 00-0493	EA	5	Gallon Pittosporum eugenioides - Lemonwood	24.43	
32 93 33 00-0494	EA	1	Gallon Pittosporum tobira - Japanese Pittosporum.....	8.98	
32 93 33 00-0495	EA	5	Gallon Pittosporum tobira - Japanese Pittosporum.....	22.21	
32 93 33 00-0496	EA	15	Gallon Pittosporum tobira - Japanese Pittosporum.....	88.16	
32 93 33 00-0497	EA	2	Gallon Potentilla fruticosa & cvs - Bush Cinquefoil	19.26	
32 93 33 00-0498	EA	5	Gallon Potentilla fruticosa & cvs - Bush Cinquefoil	27.18	
32 93 33 00-0499	EA	18"	Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil	20.39	
32 93 33 00-0500	EA	24"	Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil	22.65	
32 93 33 00-0501	EA	30"	Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil	32.85	
32 93 33 00-0502	EA	36"	Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil	37.94	
32 93 33 00-0503	EA	1	Gallon Prunus caroliniana - Carolina Cherry Laurel.....	4.79	
32 93 33 00-0504	EA	5	Gallon Prunus caroliniana - Carolina Cherry Laurel.....	11.99	
32 93 33 00-0505	EA	15	Gallon Prunus caroliniana - Carolina Cherry Laurel.....	71.48	
32 93 33 00-0506	EA	15"	To 18" Prunus laurocerasus - Cherry Laurel	18.28	
32 93 33 00-0507	EA	18"	To 24" Prunus laurocerasus - Cherry Laurel	22.63	
32 93 33 00-0508	EA	24"	To 30" Prunus laurocerasus - Cherry Laurel	29.44	
32 93 33 00-0509	EA	15"	To 18" Prunus triloba - Double White Flowering Almond.....	16.33	
32 93 33 00-0510	EA	18"	To 24" Prunus triloba - Double White Flowering Almond.....	20.90	
32 93 33 00-0511	EA	3'	To 4' Prunus triloba - Double White Flowering Almond.....	33.34	
32 93 33 00-0512	EA	4'	To 6' Prunus triloba - Double White Flowering Almond.....	66.76	
32 93 33 00-0513	EA	5	Gallon Prunus triloba - Pink Flowering Almond.....	20.08	
32 93 33 00-0514	EA	18"	To 24" Prunus triloba - Pink Flowering Almond.....	22.55	
32 93 33 00-0515	EA	2'	To 3' Prunus triloba - Pink Flowering Almond.....	26.22	
32 93 33 00-0516	EA	2'	To 3' Prunus virginiana - Brilliant Chokeberry	17.83	
32 93 33 00-0517	EA	3'	To 4' Prunus virginiana - Brilliant Chokeberry	21.88	
32 93 33 00-0518	EA	4'	To 5' Prunus virginiana - Brilliant Chokeberry	26.22	
32 93 33 00-0519	EA	5'	To 6' Prunus virginiana - Brilliant Chokeberry	30.04	
32 93 33 00-0520	EA	1	Gallon Punica granatum - Dwarf Pomegranate	7.67	
32 93 33 00-0521	EA	3	Gallon Punica granatum - Dwarf Pomegranate	22.63	
32 93 33 00-0522	EA	7	Gallon Punica granatum - Dwarf Pomegranate	46.48	
32 93 33 00-0523	EA	1	Gallon Pyracantha koidzumi "Santa Cruz" - Pyracantha	9.73	
32 93 33 00-0524	EA	5	Gallon Pyracantha koidzumi "Santa Cruz" - Pyracantha	32.37	
32 93 33 00-0525	EA	5	Gallon Espalier Pyracantha koidzumi "Santa Cruz" - Pyracantha.....	67.04	
32 93 33 00-0526	EA	1	Gallon Ralphiolepis indica - Indian Hawthorne	7.79	
32 93 33 00-0527	EA	2	Gallon Ralphiolepis indica - Indian Hawthorne	14.84	
32 93 33 00-0528	EA	5	Gallon Ralphiolepis indica - Indian Hawthorne	26.41	
32 93 33 00-0529	EA	1	Gallon Rhamnus californica - Coffeeberry	11.84	
32 93 33 00-0530	EA	5	Gallon Rhamnus californica - Coffeeberry	33.85	
32 93 33 00-0531	EA	15	Gallon Rhamnus californica - Coffeeberry	101.58	
32 93 33 00-0532	EA	4'	To 5' Rhamnus frangula "Columnaris" - Tallhedge	59.38	
32 93 33 00-0533	EA	5'	To 6' Rhamnus frangula "Columnaris" - Tallhedge	81.40	
32 93 33 00-0534	EA	6'	To 8' Rhamnus frangula "Columnaris" - Tallhedge	105.86	
32 93 33 00-0535	EA	10'	To 12' Rhamnus frangula "Columnaris" - Tallhedge	193.59	
32 93 33 00-0536	EA	1	Gallon Ralphiolepis indica 'Ballerina' - Ballerina Indian Hawthorn	9.56	
32 93 33 00-0537	EA	5	Gallon Ralphiolepis indica 'Ballerina' - Ballerina Indian Hawthorn	22.69	
32 93 33 00-0538	EA	15	Gallon Ralphiolepis indica 'Ballerina' - Ballerina Indian Hawthorn	96.47	
32 93 33 00-0539	EA	1	Gallon Rhododendron - Azalea Evergreen Hybrids	12.65	
32 93 33 00-0540	EA	2	Gallon Rhododendron - Azalea Evergreen Hybrids	25.55	
32 93 33 00-0541	EA	3	Gallon Rhododendron - Azalea Evergreen Hybrids	33.34	
32 93 33 00-0542	EA	5	Gallon Rhododendron - Azalea Evergreen Hybrids	38.69	
32 93 33 00-0543	EA	15"	To 18" Rhododendron - Azalea Evergreen Hybrids.....	45.26	
32 93 33 00-0544	EA	18"	To 24" Rhododendron - Azalea Evergreen Hybrids.....	56.82	
32 93 33 00-0545	EA	2'	To 2-1/2' Rhododendron - Azalea Evergreen Hybrids.....	82.62	
32 93 33 00-0546	EA	2-1/2'	To 3' Rhododendron - Azalea Evergreen Hybrids.....	116.08	
32 93 33 00-0547	EA	1	Gallon Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids.....	14.24	
32 93 33 00-0548	EA	2	Gallon Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids.....	25.55	
32 93 33 00-0549	EA	15"	To 18" Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids.....	43.93	
32 93 33 00-0550	EA	18"	To 24" Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids.....	56.82	

32 Exterior Improvements**32 90 Planting****32 93 Plants**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 93 33 00-0551	EA	2' To 3' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	82.62	
32 93 33 00-0552	EA	3' To 4' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	121.31	
32 93 33 00-0553	EA	4' To 5' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	162.56	
32 93 33 00-0554	EA	5 Gallon Rhododendron - Boxleaf Azara	32.37	
32 93 33 00-0555	EA	15 Gallon Rhododendron - Boxleaf Azara	116.08	
32 93 33 00-0556	EA	15" To 18" Rhododendron - Carolina Rhododendron	36.63	
32 93 33 00-0557	EA	18" To 24" Rhododendron - Carolina Rhododendron	64.49	
32 93 33 00-0558	EA	24" To 30" Rhododendron - Carolina Rhododendron	95.52	
32 93 33 00-0559	EA	2' To 3' Rhododendron - Five-leafed Azalea	43.44	
32 93 33 00-0560	EA	3' To 4' Rhododendron - Five-leafed Azalea	56.82	
32 93 33 00-0561	EA	4' To 5' Rhododendron - Five-leafed Azalea	74.83	
32 93 33 00-0562	EA	15" To 18" Rhododendron - Ghent Azalea	43.44	
32 93 33 00-0563	EA	18" To 24" Rhododendron - Ghent Azalea	54.15	
32 93 33 00-0564	EA	2' To 3' Rhododendron - Ghent Azalea	87.73	
32 93 33 00-0565	EA	3' To 4' Rhododendron - Ghent Azalea	121.31	
32 93 33 00-0566	EA	4' To 5' Rhododendron - Ghent Azalea	162.56	
32 93 33 00-0567	EA	5' To 6' Rhododendron - Ghent Azalea	216.83	
32 93 33 00-0568	EA	1 Gallon Rhododendron - Hybrid Rhododendron	14.24	
32 93 33 00-0569	EA	2 Gallon Rhododendron - Hybrid Rhododendron	30.78	
32 93 33 00-0570	EA	3 Gallon Rhododendron - Hybrid Rhododendron	43.68	
32 93 33 00-0571	EA	5 Gallon Rhododendron - Hybrid Rhododendron	48.79	
32 93 33 00-0572	EA	15" To 18" Rhododendron - Hybrid Rhododendron	41.25	
32 93 33 00-0573	EA	18" To 24" Rhododendron - Hybrid Rhododendron	56.82	
32 93 33 00-0574	EA	24" To 30" Rhododendron - Hybrid Rhododendron	77.39	
32 93 33 00-0575	EA	30" To 36" Rhododendron - Hybrid Rhododendron	90.29	
32 93 33 00-0576	EA	36" To 42" Rhododendron - Hybrid Rhododendron	129.10	
32 93 33 00-0577	EA	42" To 48" Rhododendron - Hybrid Rhododendron	160.01	
32 93 33 00-0578	EA	15" To 18" Rhododendron - Pjm Rhododendron	46.48	
32 93 33 00-0579	EA	18" To 24" Rhododendron - Pjm Rhododendron	56.82	
32 93 33 00-0580	EA	2' To 2-1/2' Rhododendron - Pjm Rhododendron	82.62	
32 93 33 00-0581	EA	2-1/2 To 3' Rhododendron - Pjm Rhododendron	105.86	
32 93 33 00-0582	EA	3' To 3-1/2' Rhododendron - Pjm Rhododendron	129.10	
32 93 33 00-0583	EA	12" To 15" Rhododendron - Torch Azalea	36.14	
32 93 33 00-0584	EA	15" To 18" Rhododendron - Torch Azalea	43.44	
32 93 33 00-0585	EA	18" To 24" Rhododendron - Torch Azalea	54.15	
32 93 33 00-0586	EA	2' To 3' Rhododendron - Torch Azalea	90.29	
32 93 33 00-0587	EA	3 Gallon Rhododendron cvs - Lepidote Rhododendron	40.78	
32 93 33 00-0588	EA	5 Gallon Rhododendron cvs - Lepidote Rhododendron	49.84	
32 93 33 00-0589	EA	18" Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron	61.16	
32 93 33 00-0590	EA	24" Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron	77.02	
32 93 33 00-0591	EA	30" Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron	90.61	
32 93 33 00-0592	EA	36" Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron	108.73	
32 93 33 00-0593	EA	1 Gallon Rhus glabra - Dwarf Smooth Sumac	11.68	
32 93 33 00-0594	EA	5 Gallon Rhus glabra - Dwarf Smooth Sumac	32.37	
32 93 33 00-0595	EA	2 Gallon Rhus aromatica & cvs - Fragrant Sumac	27.18	
32 93 33 00-0596	EA	5 Gallon Rhus aromatica & cvs - Fragrant Sumac	37.38	
32 93 33 00-0597	EA	18" Balled and Burlapped, Rhus aromatica & cvs - Fragrant Sumac	43.04	
32 93 33 00-0598	EA	24" Balled and Burlapped, Rhus aromatica & cvs - Fragrant Sumac	56.63	
32 93 33 00-0599	EA	36" Balled and Burlapped, Rhus glabra - Smooth Sumac	33.98	
32 93 33 00-0600	EA	48" Balled and Burlapped, Rhus typhina & cvs - Staghorn Sumac	56.63	
32 93 33 00-0601	EA	72" Balled and Burlapped, Rhus typhina & cvs - Staghorn Sumac	90.61	
32 93 33 00-0602	EA	15" Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant	30.58	
32 93 33 00-0603	EA	18" Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant	35.11	
32 93 33 00-0604	EA	24" Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant	50.97	
32 93 33 00-0605	EA	30" Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant	67.96	
32 93 33 00-0606	EA	1 Gallon Rosa hybrids & cvs - Shrub Rose	18.69	
32 93 33 00-0607	EA	2 Gallon Rosa hybrids & cvs - Shrub Rose	22.65	
32 93 33 00-0608	EA	3 Gallon Rosa hybrids & cvs - Shrub Rose	28.32	
32 93 33 00-0609	EA	2 Gallon Rosa rugosa & cvs - Rugosa Rose	20.39	
32 93 33 00-0610	EA	3 Gallon Rosa rugosa & cvs - Rugosa Rose	26.05	
32 93 33 00-0611	EA	5 Gallon Sambucus canadensis - American Elder	37.38	
32 93 33 00-0612	EA	1 Gallon Santolina chamaecyparissus - Lavender Cotton	8.98	
32 93 33 00-0613	EA	5 Gallon Santolina chamaecyparissus - Lavender Cotton	22.21	
32 93 33 00-0614	EA	1 Gallon Santolina rosmarinifolia - Green Lavender Cotton	8.98	
32 93 33 00-0615	EA	5 Gallon Santolina rosmarinifolia - Green Lavender Cotton	22.21	
32 93 33 00-0616	EA	2 Gallon Sarcococca hookeriana humilis - Himalayan Sarcococca	16.79	
32 93 33 00-0617	EA	3 Gallon Sarcococca hookeriana humilis - Himalayan Sarcococca	24.58	
32 93 33 00-0618	EA	1 Gallon Sarcococca humilis - Fragrant Sarcococca	9.13	
32 93 33 00-0619	EA	5 Gallon Sarcococca humilis - Fragrant Sarcococca	23.85	
32 93 33 00-0620	EA	5 Gallon Senna artemisioides - Feathery Cassia	24.81	
32 93 33 00-0621	EA	15 Gallon Senna artemisioides - Feathery Cassia	98.71	
32 93 33 00-0622	EA	24" Box Senna artemisioides - Feathery Cassia	310.08	
32 93 33 00-0623	EA	1 Gallon Skimmia japonica - Japanese Skimmia	11.68	
32 93 33 00-0624	EA	2 Gallon Skimmia japonica - Japanese Skimmia	23.24	
32 93 33 00-0625	EA	5 Gallon Skimmia japonica - Japanese Skimmia	37.48	
32 93 33 00-0626	EA	1 Gallon Sollya fusiformis - Bluebell Creeper	8.98	
32 93 33 00-0627	EA	5 Gallon Sollya fusiformis - Bluebell Creeper	22.21	
32 93 33 00-0628	EA	3' To 4' Spiraea - Garland Spirea	54.15	
32 93 33 00-0629	EA	4' To 5' Spiraea - Garland Spirea	82.62	
32 93 33 00-0630	EA	5 Gallon Spiraea - Snowmound Spirea	32.37	
32 93 33 00-0631	EA	18" To 24" Spiraea - Snowmound Spirea	26.53	
32 93 33 00-0632	EA	2' To 3' Spiraea - Snowmound Spirea	37.48	
32 93 33 00-0633	EA	3' To 4' Spiraea - Snowmound Spirea	43.44	
32 93 33 00-0634	EA	4' To 5' Spiraea - Snowmound Spirea	74.83	
32 93 33 00-0635	EA	1 Gallon Spiraea japonica & cvs - Japanese Spirea	11.68	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0636	EA	2	Gallon Spiraea japonica & cvs - Japanese Spirea	23.00	
32 93 33 00-0637	EA	3	Gallon Spiraea japonica & cvs - Japanese Spirea	26.62	
32 93 33 00-0638	EA	5	Gallon Spiraea japonica & cvs - Japanese Spirea	28.88	
32 93 33 00-0639	EA	18"	Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea	29.45	
32 93 33 00-0640	EA	24"	Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea	33.98	
32 93 33 00-0641	EA	30"	Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea	38.51	
32 93 33 00-0642	EA	36"	Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea	44.74	
32 93 33 00-0643	EA	2	Gallon Spiraea nipponica & cvs - Nippon Spiraea	18.12	
32 93 33 00-0644	EA	5	Gallon Spiraea nipponica & cvs - Nippon Spiraea	27.18	
32 93 33 00-0645	EA	18"	Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea	24.92	
32 93 33 00-0646	EA	24"	Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea	29.45	
32 93 33 00-0647	EA	30"	Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea	33.98	
32 93 33 00-0648	EA	36"	Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea	38.51	
32 93 33 00-0649	EA	48"	Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea	49.84	
32 93 33 00-0650	EA	1	Gallon Spiraea x bumalda & cvs - Bumalda Spirea	11.68	
32 93 33 00-0651	EA	2	Gallon Spiraea x bumalda & cvs - Bumalda Spirea	20.95	
32 93 33 00-0652	EA	4	Gallon Spiraea x bumalda & cvs - Bumalda Spirea	27.18	
32 93 33 00-0653	EA	18"	Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea	23.79	
32 93 33 00-0654	EA	24"	Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea	28.88	
32 93 33 00-0655	EA	30"	Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea	33.98	
32 93 33 00-0656	EA	36"	Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea	38.51	
32 93 33 00-0657	EA	5	Gallon Spiraea x vanhouttei & cvs - Vanhoutte Spirea	27.18	
32 93 33 00-0658	EA	18"	Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	27.18	
32 93 33 00-0659	EA	24"	Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	31.71	
32 93 33 00-0660	EA	30"	Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	43.04	
32 93 33 00-0661	EA	36"	Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	49.84	
32 93 33 00-0662	EA	42"	Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	58.90	
32 93 33 00-0663	EA	5	Gallon Staphylea trifolia - Bladdernut	38.24	
32 93 33 00-0664	EA	2	Gallon Stephanandra incisa & cvs - Cutleaf Stephanandra	27.18	
32 93 33 00-0665	EA	5	Gallon Stephanandra incisa & cvs - Cutleaf Stephanandra	29.45	
32 93 33 00-0666	EA	24"	Balled and Burlapped, Stephanandra incisa & cvs - Cutleaf Stephanandra	33.98	
32 93 33 00-0667	EA	30"	Balled and Burlapped, Stephanandra incisa & cvs - Cutleaf Stephanandra	40.78	
32 93 33 00-0668	EA	2	Gallon Symphoricarpos albus - Common Snowberry	28.32	
32 93 33 00-0669	EA	5	Gallon Symphoricarpos albus - Common Snowberry	30.02	
32 93 33 00-0670	EA	24"	Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac	49.84	
32 93 33 00-0671	EA	30"	Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac	62.30	
32 93 33 00-0672	EA	36"	Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac	72.49	
32 93 33 00-0673	EA	42"	Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac	83.82	
32 93 33 00-0674	EA	18"	Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	49.84	
32 93 33 00-0675	EA	24"	Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	54.37	
32 93 33 00-0676	EA	30"	Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	62.30	
32 93 33 00-0677	EA	36"	Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	72.49	
32 93 33 00-0678	EA	42"	Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	83.82	
32 93 33 00-0679	EA	60"	Balled and Burlapped, Syringa villosa & cvs - Late Lilac	39.64	
32 93 33 00-0680	EA	72"	Balled and Burlapped, Syringa villosa & cvs - Late Lilac	43.04	
32 93 33 00-0681	EA	36"	Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	33.98	
32 93 33 00-0682	EA	42"	Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	38.51	
32 93 33 00-0683	EA	48"	Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	43.04	
32 93 33 00-0684	EA	60"	Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	49.84	
32 93 33 00-0685	EA	72"	Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	61.16	
32 93 33 00-0686	EA	5	Gallon Syringa x chinensis & cvs - Chinese Lilac	28.32	
32 93 33 00-0687	EA	36"	Balled and Burlapped, Syringa x hyacinthiflora & cvs - Hybrid Lilac	32.85	
32 93 33 00-0688	EA	48"	Balled and Burlapped, Syringa x hyacinthiflora & cvs - Hybrid Lilac	43.04	
32 93 33 00-0689	EA	48"	Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew	180.09	
32 93 33 00-0690	EA	54"	Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew	201.61	
32 93 33 00-0691	EA	60"	Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew	222.00	
32 93 33 00-0692	EA	72"	Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew	267.31	
32 93 33 00-0693	EA	18"	Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	47.57	
32 93 33 00-0694	EA	24"	Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	62.30	
32 93 33 00-0695	EA	30"	Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	72.49	
32 93 33 00-0696	EA	36"	Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	79.29	
32 93 33 00-0697	EA	15"	Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	47.57	
32 93 33 00-0698	EA	18"	Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	62.30	
32 93 33 00-0699	EA	24"	Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	73.62	
32 93 33 00-0700	EA	30"	Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	87.21	
32 93 33 00-0701	EA	36"	Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	131.39	
32 93 33 00-0702	EA	36"	Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	72.49	
32 93 33 00-0703	EA	48"	Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	97.41	
32 93 33 00-0704	EA	60"	Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	147.24	
32 93 33 00-0705	EA	72"	Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	215.20	
32 93 33 00-0706	EA	84"	Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	246.92	
32 93 33 00-0707	EA	96"	Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	286.56	
32 93 33 00-0708	EA	15"	Balled and Burlapped, Thuja occidentalis cvs - Dwarf Arborvitae	31.71	
32 93 33 00-0709	EA	18"	Balled and Burlapped, Thuja occidentalis cvs - Dwarf Arborvitae	44.17	
32 93 33 00-0710	EA	24"	Balled and Burlapped, Thuja occidentalis cvs - Dwarf Arborvitae	62.30	
32 93 33 00-0711	EA	3' To 4'	Viburnum dilatatum - Linden Viburnum	54.15	
32 93 33 00-0712	EA	4' To 5'	Viburnum dilatatum - Linden Viburnum	82.62	
32 93 33 00-0713	EA	5' To 6'	Viburnum dilatatum - Linden Viburnum	108.42	
32 93 33 00-0714	EA	1	Gallon Viburnum japonicum - Japanese Viburnum	6.57	
32 93 33 00-0715	EA	3	Gallon Viburnum japonicum - Japanese Viburnum	18.01	
32 93 33 00-0716	EA	5	Gallon Viburnum plicatum - Japanese Snowball	32.37	
32 93 33 00-0717	EA	5' To 6'	Viburnum plicatum - Japanese Snowball	121.31	
32 93 33 00-0718	EA	2' To 3'	Viburnum rhytidophyllum - Leatherleaf Viburnum	56.82	
32 93 33 00-0719	EA	3' To 4'	Viburnum rhytidophyllum - Leatherleaf Viburnum	67.04	
32 93 33 00-0720	EA	4' To 5'	Viburnum rhytidophyllum - Leatherleaf Viburnum	94.30	

32 Exterior Improvements**32 90 Planting****32 93 Plants**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 93 33 00-0721	EA	30" Balled and Burlapped, Viburnum burkwoodii & cvs - Burkwood Viburnum	62.30
32 93 33 00-0722	EA	36" Balled and Burlapped, Viburnum burkwoodii & cvs - Burkwood Viburnum	74.76
32 93 33 00-0723	EA	24" Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum	56.63
32 93 33 00-0724	EA	30" Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum	67.96
32 93 33 00-0725	EA	36" Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum	79.29
32 93 33 00-0726	EA	42" Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum	90.61
32 93 33 00-0727	EA	1 Gallon Viburnum davidii - David Viburnum	8.98
32 93 33 00-0728	EA	5 Gallon Viburnum davidii - David Viburnum	22.21
32 93 33 00-0729	EA	36" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	31.71
32 93 33 00-0730	EA	42" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	33.98
32 93 33 00-0731	EA	48" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	39.64
32 93 33 00-0732	EA	60" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	45.31
32 93 33 00-0733	EA	72" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	49.84
32 93 33 00-0734	EA	30" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	30.58
32 93 33 00-0735	EA	36" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	33.98
32 93 33 00-0736	EA	42" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	43.04
32 93 33 00-0737	EA	48" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	49.84
32 93 33 00-0738	EA	60" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	67.96
32 93 33 00-0739	EA	72" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	81.55
32 93 33 00-0740	EA	36" Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	33.98
32 93 33 00-0741	EA	48" Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	45.31
32 93 33 00-0742	EA	5' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	56.63
32 93 33 00-0743	EA	6' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	79.29
32 93 33 00-0744	EA	7' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	113.27
32 93 33 00-0745	EA	8' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	158.57
32 93 33 00-0746	EA	9' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	203.88
32 93 33 00-0747	EA	30" Balled and Burlapped, Viburnum plicatum tomentosum & cvs - Doublefile Viburnum	40.78
32 93 33 00-0748	EA	36" Balled and Burlapped, Viburnum plicatum tomentosum & cvs - Doublefile Viburnum	45.31
32 93 33 00-0749	EA	36" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	81.55
32 93 33 00-0750	EA	48" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	124.59
32 93 33 00-0751	EA	60" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	158.57
32 93 33 00-0752	EA	72" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	192.55
32 93 33 00-0753	EA	84" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	237.86
32 93 33 00-0754	EA	96" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	283.16
32 93 33 00-0755	EA	108" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	339.80
32 93 33 00-0756	EA	120" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	396.43
32 93 33 00-0757	EA	30" Balled and Burlapped, Viburnum sargentii & cvs - Sargent Viburnum	34.55
32 93 33 00-0758	EA	36" Balled and Burlapped, Viburnum sargentii & cvs - Sargent Viburnum	37.94
32 93 33 00-0759	EA	48" Balled and Burlapped, Viburnum sargentii & cvs - Sargent Viburnum	43.04
32 93 33 00-0760	EA	60" Balled and Burlapped, Viburnum sargentii & cvs - Sargent Viburnum	49.84
32 93 33 00-0761	EA	72" Balled and Burlapped, Viburnum sargentii & cvs - Sargent Viburnum	57.20
32 93 33 00-0762	EA	18" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	32.85
32 93 33 00-0763	EA	24" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	39.64
32 93 33 00-0764	EA	30" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	47.57
32 93 33 00-0765	EA	36" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	54.37
32 93 33 00-0766	EA	42" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	65.69
32 93 33 00-0767	EA	48" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	72.49
32 93 33 00-0768	EA	30" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	56.63
32 93 33 00-0769	EA	36" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	67.96
32 93 33 00-0770	EA	42" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	79.29
32 93 33 00-0771	EA	48" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	90.61
32 93 33 00-0772	EA	60" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	101.94
32 93 33 00-0773	EA	30" Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum	72.49
32 93 33 00-0774	EA	36" Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum	81.55
32 93 33 00-0775	EA	42" Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum	92.88
32 93 33 00-0776	EA	48" Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum	106.47
32 93 33 00-0777	EA	2' To 3' Viburnum opulus "Roseum" - Fragrant Snowball	67.04
32 93 33 00-0778	EA	3' To 4' Viburnum opulus "Roseum" - Fragrant Snowball	82.62
32 93 33 00-0779	EA	4' To 5' Viburnum opulus "Roseum" - Fragrant Snowball	121.31
32 93 33 00-0780	EA	5 Gallon Weigela florida & cvs - Old Fashioned Weigela	37.38
32 93 33 00-0781	EA	24" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	33.98
32 93 33 00-0782	EA	30" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	38.51
32 93 33 00-0783	EA	36" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	43.04
32 93 33 00-0784	EA	42" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	49.84
32 93 33 00-0785	EA	48" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	56.63
32 93 33 00-0786	EA	1 Gallon Xylosma congestum - Shiny Xylosma	7.79
32 93 33 00-0787	EA	5 Gallon Xylosma congestum - Shiny Xylosma	22.02
32 93 33 00-0788	EA	15 Gallon Xylosma congestum - Shiny Xylosma	96.86
32 93 33 00-0789	EA	1 Gallon Yucca aloifolia - Spanish Bayonet	6.57
32 93 33 00-0790	EA	3 Gallon Yucca aloifolia - Spanish Bayonet	17.40
32 93 33 00-0791	EA	1 Gallon Yucca filamentosa - Adams Needle	9.13
32 93 33 00-0792	EA	3 Gallon Yucca filamentosa - Adams Needle	17.76
32 93 33 00-0793	EA	5 Gallon Yucca filamentosa - Adams Needle	28.11
32 93 33 00-0794	EA	5 Gallon Border Forsythia - Goldenbells	31.27
32 93 33 00-0795	EA	2' To 3' Border Forsythia - Goldenbells	25.80
32 93 33 00-0796	EA	3' To 4' Border Forsythia - Goldenbells	32.61
32 93 33 00-0797	EA	4' To 5' Border Forsythia - Goldenbells	40.64
32 93 33 00-0798	EA	5' To 6' Border Forsythia - Goldenbells	48.79
32 93 33 00-0799	EA	6' To 8' Border Forsythia - Goldenbells	67.04
32 93 33 00-0800	EA	3' Juniperus chinensis - Columnar Chinese Juniper	66.43
32 93 33 00-0801	EA	4' Juniperus chinensis - Columnar Chinese Juniper	91.18
32 93 33 00-0802	EA	5' Juniperus chinensis - Columnar Chinese Juniper	143.28
32 93 33 00-0803	EA	6' Juniperus chinensis - Columnar Chinese Juniper	166.73
32 93 33 00-0804	EA	7' Juniperus chinensis - Columnar Chinese Juniper	218.83
32 93 33 00-0805	EA	2 Gallon Chrysobalanus icaco - Cocoplum Red Tip	13.03

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 93 33 00-0806	EA	3 Gallon Chrysobalanus icaco - Cocoplum Red Tip	18.24
32 93 33 00-0807	EA	5 Gallon Chrysobalanus icaco - Cocoplum Red Tip	44.16
32 93 33 00-0808	EA	2 Gallon Chrysobalanus icaco - Cocoplum Green Tip	13.03
32 93 33 00-0809	EA	3 Gallon Chrysobalanus icaco - Cocoplum Green Tip	18.24

32 93 43 Trees (32 93)

Note: (cvs = cultivar) materials only. See CSI section 32 93 83 00-0001 for installation and planting of trees.

32 93 43 00-0001 Deciduous Ornamental Trees (32 93 43)

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0002	EA	6' Clump Form Acer ginnala & cvs - Amur Maple	311.80
32 93 43 00-0003	EA	7' Clump Form Acer ginnala & cvs - Amur Maple	381.09
32 93 43 00-0004	EA	8' Clump Form Acer ginnala & cvs - Amur Maple	433.05
32 93 43 00-0005	EA	10' Clump Form Acer ginnala & cvs - Amur Maple	502.34
32 93 43 00-0006	EA	12' Clump Form Acer ginnala & cvs - Amur Maple	571.63
32 93 43 00-0007	EA	14' Clump Form Acer ginnala & cvs - Amur Maple	675.56
32 93 43 00-0008	EA	1-1/2" To 2" Caliper Acer griseum - Paperbark Maple	236.13
32 93 43 00-0009	EA	2" To 2-1/2" Caliper Acer griseum - Paperbark Maple	1,108.62
32 93 43 00-0010	EA	2-1/2" To 3" Caliper Acer griseum - Paperbark Maple	1,385.77
32 93 43 00-0011	EA	5' Clump Form Acer griseum - Paperbark Maple	277.15
32 93 43 00-0012	EA	1-1/2" Caliper Aesculus californica - California Buckeye	692.89
32 93 43 00-0013	EA	2" Caliper Aesculus californica - California Buckeye	900.75
32 93 43 00-0014	EA	2-1/2" Caliper Aesculus californica - California Buckeye	1,039.33
32 93 43 00-0015	EA	3" Caliper Aesculus californica - California Buckeye	1,177.91
32 93 43 00-0016	EA	3-1/2" Caliper Aesculus californica - California Buckeye	1,385.77
32 93 43 00-0017	EA	36" Balled and Burlapped, Amelanchier alnifolia & cvs - Saskatoon Serviceberry	90.61
32 93 43 00-0018	EA	48" Balled and Burlapped, Amelanchier alnifolia & cvs - Saskatoon Serviceberry	113.27
32 93 43 00-0019	EA	60" Balled and Burlapped, Amelanchier alnifolia & cvs - Saskatoon Serviceberry	140.45
32 93 43 00-0020	EA	60" Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry	113.27
32 93 43 00-0021	EA	72" Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry	135.92
32 93 43 00-0022	EA	7' Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry	158.57
32 93 43 00-0023	EA	8' Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry	181.22
32 93 43 00-0024	EA	5' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	203.88
32 93 43 00-0025	EA	6' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	226.53
32 93 43 00-0026	EA	7' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	260.51
32 93 43 00-0027	EA	8' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	294.49
32 93 43 00-0028	EA	9' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	339.80
32 93 43 00-0029	EA	1-1/2" Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry	346.44
32 93 43 00-0030	EA	2" Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry	485.02
32 93 43 00-0031	EA	2-1/2" Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry	519.67
32 93 43 00-0032	EA	3" Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry	606.28
32 93 43 00-0033	EA	6' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	433.05
32 93 43 00-0034	EA	7' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	519.67
32 93 43 00-0035	EA	8' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	606.28
32 93 43 00-0036	EA	10' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	692.89
32 93 43 00-0037	EA	12' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	779.50
32 93 43 00-0038	EA	14' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	866.11
32 93 43 00-0039	EA	7' Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry	260.51
32 93 43 00-0040	EA	8' Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry	305.82
32 93 43 00-0041	EA	9' Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry	351.12
32 93 43 00-0042	EA	10' Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry	385.10
32 93 43 00-0043	EA	30" Balled and Burlapped, Amelanchier stolonifera & cvs - Running Serviceberry	90.61
32 93 43 00-0044	EA	48" Balled and Burlapped, Amelanchier stolonifera & cvs - Running Serviceberry	192.55
32 93 43 00-0045	EA	60" Balled and Burlapped, Amelanchier stolonifera & cvs - Running Serviceberry	249.18
32 93 43 00-0046	EA	2' To 4' Amelemchier - Juneberry	27.58
32 93 43 00-0047	EA	4' To 5' Amelemchier - Juneberry	28.93
32 93 43 00-0048	EA	5' To 6' Amelemchier - Juneberry	34.45
32 93 43 00-0049	EA	6' To 8' Amelemchier - Juneberry	41.10
32 93 43 00-0050	EA	3' Clump Form Asimina triloba - Paw-Paw	242.51
32 93 43 00-0051	EA	4' Clump Form Asimina triloba - Paw-Paw	277.15
32 93 43 00-0052	EA	5' Clump Form Asimina triloba - Paw-Paw	381.09
32 93 43 00-0053	EA	1-1/2" Caliper Carpinus caroliniana - American Hornbeam Ironwood	519.67
32 93 43 00-0054	EA	2" Caliper Carpinus caroliniana - American Hornbeam Ironwood	606.28
32 93 43 00-0055	EA	2-1/2" Caliper Carpinus caroliniana - American Hornbeam Ironwood	779.50
32 93 43 00-0056	EA	5' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	311.80
32 93 43 00-0057	EA	6' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	381.09
32 93 43 00-0058	EA	7' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	519.67
32 93 43 00-0059	EA	8' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	606.28
32 93 43 00-0060	EA	10' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	727.53
32 93 43 00-0061	EA	12' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	883.43
32 93 43 00-0062	EA	14' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	1,004.69
32 93 43 00-0063	EA	6' Cercis - American Redbud	194.03
32 93 43 00-0064	EA	8' Cercis - American Redbud	266.93
32 93 43 00-0065	EA	2-1/2" Caliper Cercis - American Redbud	549.81
32 93 43 00-0066	EA	3" Caliper Cercis - American Redbud	669.33
32 93 43 00-0067	EA	15 Gallon Cercis canadensis & cvs - Eastern Redbud	169.35
32 93 43 00-0068	EA	20 Gallon Cercis canadensis & cvs - Eastern Redbud	211.69
32 93 43 00-0069	EA	6' Clump Form Cercis canadensis & cvs - Eastern Redbud	415.73
32 93 43 00-0070	EA	7' Clump Form Cercis canadensis & cvs - Eastern Redbud	571.63
32 93 43 00-0071	EA	8' Clump Form Cercis canadensis & cvs - Eastern Redbud	727.53
32 93 43 00-0072	EA	1-1/2" Caliper Cercis canadensis & cvs - Eastern Redbud	398.41
32 93 43 00-0073	EA	2" Caliper Cercis canadensis & cvs - Eastern Redbud	467.70
32 93 43 00-0074	EA	5' To 6' Chaenomeles - Orange Quince	109.43
32 93 43 00-0075	EA	6' To 8' Chaenomeles - Orange Quince	136.78

32 Exterior Improvements**32 90 Planting****32 93 Plants**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 93 43 00-0076	EA	5' Clump Form Chionanthus virginicus - White Fringetree	346.44	
32 93 43 00-0077	EA	6' Clump Form Chionanthus virginicus - White Fringetree	433.05	
32 93 43 00-0078	EA	7' Clump Form Chionanthus virginicus - White Fringetree	554.31	
32 93 43 00-0079	EA	4' To 5' Cornus - Pink Or Red Flowering Dogwood	125.06	
32 93 43 00-0080	EA	5' To 6' Cornus - Pink Or Red Flowering Dogwood	156.32	
32 93 43 00-0081	EA	6' To 7' Cornus - Pink Or Red Flowering Dogwood	218.85	
32 93 43 00-0082	EA	7' To 8' Cornus - Pink Or Red Flowering Dogwood	281.38	
32 93 43 00-0083	EA	4' To 5' Cornus - White Flowering Dogwood	83.37	
32 93 43 00-0084	EA	5' To 6' Cornus - White Flowering Dogwood	125.06	
32 93 43 00-0085	EA	6' To 7' Cornus - White Flowering Dogwood	175.08	
32 93 43 00-0086	EA	3' To 4' Cornus kousa - Japanese Dogwood	83.37	
32 93 43 00-0087	EA	4' To 5' Cornus kousa - Japanese Dogwood	95.88	
32 93 43 00-0088	EA	5' To 6' Cornus kousa - Japanese Dogwood	125.06	
32 93 43 00-0089	EA	6' To 8' Cornus kousa - Japanese Dogwood	183.42	
32 93 43 00-0090	EA	8' To 10' Cornus kousa - Japanese Dogwood	250.11	
32 93 43 00-0091	EA	1-1/2" Caliper Cornus alternifolia & cvs - Pagoda Dogwood	398.41	
32 93 43 00-0092	EA	2" Caliper Cornus alternifolia & cvs - Pagoda Dogwood	485.02	
32 93 43 00-0093	EA	4' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	190.54	
32 93 43 00-0094	EA	5' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	242.51	
32 93 43 00-0095	EA	6' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	277.15	
32 93 43 00-0096	EA	7' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	311.80	
32 93 43 00-0097	EA	8' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	381.09	
32 93 43 00-0098	EA	4' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	190.54	
32 93 43 00-0099	EA	5' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	242.51	
32 93 43 00-0100	EA	6' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	294.48	
32 93 43 00-0101	EA	7' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	346.44	
32 93 43 00-0102	EA	8' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	485.02	
32 93 43 00-0103	EA	1-1/2" Caliper Cornus mas & cvs - Corneliancherry Dogwood	433.05	
32 93 43 00-0104	EA	2" Caliper Cornus mas & cvs - Corneliancherry Dogwood	519.67	
32 93 43 00-0105	EA	2-1/2" Caliper Cornus mas & cvs - Corneliancherry Dogwood	606.28	
32 93 43 00-0106	EA	1-1/2" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	346.44	
32 93 43 00-0107	EA	2" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	433.05	
32 93 43 00-0108	EA	2-1/2" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	536.99	
32 93 43 00-0109	EA	3" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	606.28	
32 93 43 00-0110	EA	3-1/2" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	692.89	
32 93 43 00-0111	EA	4" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	779.50	
32 93 43 00-0112	EA	6' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	346.44	
32 93 43 00-0113	EA	7' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	415.73	
32 93 43 00-0114	EA	8' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	485.02	
32 93 43 00-0115	EA	10' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	606.28	
32 93 43 00-0116	EA	12' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	779.50	
32 93 43 00-0117	EA	1-1/2" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	277.15	
32 93 43 00-0118	EA	2" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	311.80	
32 93 43 00-0119	EA	2-1/2" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	346.44	
32 93 43 00-0120	EA	3" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	398.41	
32 93 43 00-0121	EA	3-1/2" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	519.67	
32 93 43 00-0122	EA	4" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	588.95	
32 93 43 00-0123	EA	6' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	242.51	
32 93 43 00-0124	EA	7' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	294.48	
32 93 43 00-0125	EA	8' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	346.44	
32 93 43 00-0126	EA	10' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	433.05	
32 93 43 00-0127	EA	12' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	536.99	
32 93 43 00-0128	EA	14' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	640.92	
32 93 43 00-0129	EA	16' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	744.85	
32 93 43 00-0130	EA	1-1/2" Caliper Crataegus viridis - Winter King Hawthorn	277.15	
32 93 43 00-0131	EA	2" Caliper Crataegus viridis - Winter King Hawthorn	311.80	
32 93 43 00-0132	EA	2-1/2" Caliper Crataegus viridis - Winter King Hawthorn	433.05	
32 93 43 00-0133	EA	3" Caliper Crataegus viridis - Winter King Hawthorn	571.63	
32 93 43 00-0134	EA	6' Clump Form Crataegus viridis - Winter King Hawthorn	259.83	
32 93 43 00-0135	EA	7' Clump Form Crataegus viridis - Winter King Hawthorn	346.44	
32 93 43 00-0136	EA	8' Clump Form Crataegus viridis - Winter King Hawthorn	433.05	
32 93 43 00-0137	EA	10' Clump Form Crataegus viridis - Winter King Hawthorn	519.67	
32 93 43 00-0138	EA	4' Clump Form Hamamelis virginiana - Common Witchhazel	173.22	
32 93 43 00-0139	EA	5' Clump Form Hamamelis virginiana - Common Witchhazel	225.19	
32 93 43 00-0140	EA	6' Clump Form Hamamelis virginiana - Common Witchhazel	277.15	
32 93 43 00-0141	EA	7' Clump Form Hamamelis virginiana - Common Witchhazel	381.09	
32 93 43 00-0142	EA	8' Clump Form Hamamelis virginiana - Common Witchhazel	519.67	
32 93 43 00-0143	EA	1 Gallon Ilex Cassine - Casine Holly (Dahoon)	9.96	
32 93 43 00-0144	EA	5 Gallon Ilex Cassine - Casine Holly (Dahoon)	31.87	
32 93 43 00-0145	EA	4' To 5' Ilex Cassine - Casine Holly (Dahoon)	54.78	
32 93 43 00-0146	EA	6' To 7' Ilex Cassine - Casine Holly (Dahoon)	104.58	
32 93 43 00-0147	EA	8' To 9' Ilex Cassine - Casine Holly (Dahoon)	139.44	
32 93 43 00-0148	EA	10' To 12' Ilex Cassine - Casine Holly (Dahoon)	179.28	
32 93 43 00-0149	EA	2' To 3' Magnolia Virginiana - Sweetbay Magnolia	65.66	
32 93 43 00-0150	EA	3' To 4' Magnolia Virginiana - Sweetbay Magnolia	98.48	
32 93 43 00-0151	EA	4' To 5' Magnolia Virginiana - Sweetbay Magnolia	123.11	
32 93 43 00-0152	EA	5' To 6' Magnolia Virginiana - Sweetbay Magnolia	153.33	
32 93 43 00-0153	EA	4' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	259.83	
32 93 43 00-0154	EA	5' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	346.44	
32 93 43 00-0155	EA	6' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	450.38	
32 93 43 00-0156	EA	7' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	502.34	
32 93 43 00-0157	EA	9' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	675.56	
32 93 43 00-0158	EA	8' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	606.28	
32 93 43 00-0159	EA	4' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	259.83	
32 93 43 00-0160	EA	5' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	346.44	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0161	EA	6'	Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	450.38	
32 93 43 00-0162	EA	7'	Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	502.34	
32 93 43 00-0163	EA	8'	Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	606.28	
32 93 43 00-0164	EA	9'	Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	675.56	
32 93 43 00-0165	EA	4'	Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	259.83	
32 93 43 00-0166	EA	5'	Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	346.44	
32 93 43 00-0167	EA	6'	Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	450.38	
32 93 43 00-0168	EA	7'	Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	502.34	
32 93 43 00-0169	EA	8'	Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	606.28	
32 93 43 00-0170	EA	9'	Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	675.56	
32 93 43 00-0171	EA	4'	Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	259.83	
32 93 43 00-0172	EA	5'	Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	346.44	
32 93 43 00-0173	EA	6'	Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	450.38	
32 93 43 00-0174	EA	7'	Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	502.34	
32 93 43 00-0175	EA	8'	Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	606.28	
32 93 43 00-0176	EA	9'	Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	675.56	
32 93 43 00-0177	EA	4'	Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	259.83	
32 93 43 00-0178	EA	5'	Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	346.44	
32 93 43 00-0179	EA	6'	Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	450.38	
32 93 43 00-0180	EA	7'	Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	502.34	
32 93 43 00-0181	EA	8'	Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	606.28	
32 93 43 00-0182	EA	9'	Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	675.56	
32 93 43 00-0183	EA	5	Gallon Malus - Crabapple	70.34	
32 93 43 00-0184	EA	15	Gallon Malus - Crabapple	179.38	
32 93 43 00-0185	EA	20	Gallon Malus - Crabapple	211.03	
32 93 43 00-0186	EA	1-1/2"	Caliper Malus cvs - Crabapple Varieties	207.87	
32 93 43 00-0187	EA	2"	Caliper Malus cvs - Crabapple Varieties	277.15	
32 93 43 00-0188	EA	2-1/2"	Caliper Malus cvs - Crabapple Varieties	346.44	
32 93 43 00-0189	EA	3"	Caliper Malus cvs - Crabapple Varieties	415.73	
32 93 43 00-0190	EA	3-1/2"	Caliper Malus cvs - Crabapple Varieties	485.02	
32 93 43 00-0191	EA	4"	Caliper Malus cvs - Crabapple Varieties	554.31	
32 93 43 00-0192	EA	6'	Clump Form Malus cvs - Crabapple Varieties	311.80	
32 93 43 00-0193	EA	7'	Clump Form Malus cvs - Crabapple Varieties	346.44	
32 93 43 00-0194	EA	8'	Clump Form Malus cvs - Crabapple Varieties	433.05	
32 93 43 00-0195	EA	10'	Clump Form Malus cvs - Crabapple Varieties	485.02	
32 93 43 00-0196	EA	12'	Clump Form Malus cvs - Crabapple Varieties	623.60	
32 93 43 00-0197	EA	1-1/2"	Caliper Malus dwarf cvs - Dwarf Crabapple Cultivars	346.44	
32 93 43 00-0198	EA	2"	Caliper Malus dwarf cvs - Dwarf Crabapple Cultivars	433.05	
32 93 43 00-0199	EA	4'	Clump Form Malus dwarf cvs - Dwarf Crabapple	259.83	
32 93 43 00-0200	EA	5'	Clump Form Malus dwarf cvs - Dwarf Crabapple	329.12	
32 93 43 00-0201	EA	6'	Clump Form Malus dwarf cvs - Dwarf Crabapple	398.41	
32 93 43 00-0202	EA	7'	Clump Form Malus dwarf cvs - Dwarf Crabapple	450.38	
32 93 43 00-0203	EA	8'	Clump Form Malus dwarf cvs - Dwarf Crabapple	502.34	
32 93 43 00-0204	EA	9'	Clump Form Malus dwarf cvs - Dwarf Crabapple	554.31	
32 93 43 00-0205	EA	4'	To 5' Oxydendrum arboreum - Sourwood	158.93	
32 93 43 00-0206	EA	5'	To 6' Oxydendrum arboreum - Sourwood	198.66	
32 93 43 00-0207	EA	6'	To 7' Oxydendrum arboreum - Sourwood	238.39	
32 93 43 00-0208	EA	7'	To 8' Oxydendrum arboreum - Sourwood	278.12	
32 93 43 00-0209	EA	1	Gallon Platanus racemosa, Multi Trunk - Western Sycamore	5.64	
32 93 43 00-0210	EA	5	Gallon Platanus racemosa, Multi Trunk - Western Sycamore	23.89	
32 93 43 00-0211	EA	20	Gallon Prunus subhirtella - Flowering Cherry	341.71	
32 93 43 00-0212	EA	1-1/2"	To 2" Caliper Prunus subhirtella - Flowering Cherry	353.23	
32 93 43 00-0213	EA	2"	To 2-1/2" Caliper Prunus subhirtella - Flowering Cherry	441.48	
32 93 43 00-0214	EA	3-1/2"	To 4" Caliper Prunus subhirtella - Flowering Cherry	921.34	
32 93 43 00-0215	EA	3"	To 3-1/2" Caliper Prunus subhirtella - Flowering Cherry	710.10	
32 93 43 00-0216	EA	4"	To 5" Caliper Prunus subhirtella - Flowering Cherry	1,382.02	
32 93 43 00-0217	EA	4'	To 6' Prunus - Pigeon Plum	139.72	
32 93 43 00-0218	EA	8'	To 10' Prunus - Pigeon Plum	475.04	
32 93 43 00-0219	EA	10'	To 12' Prunus - Pigeon Plum	603.58	
32 93 43 00-0220	EA	14'	To 16' Prunus - Pigeon Plum	950.08	
32 93 43 00-0221	EA	5	Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	88.26	
32 93 43 00-0222	EA	15	Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	241.76	
32 93 43 00-0223	EA	20	Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	314.85	
32 93 43 00-0224	EA	5'	To 6' Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	99.77	
32 93 43 00-0225	EA	6'	To 8' Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	191.87	
32 93 43 00-0226	EA	1-1/2"	To 2" Caliper Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	353.23	
32 93 43 00-0227	EA	2"	To 2-1/2" Caliper Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	422.29	
32 93 43 00-0228	EA	1-1/2"	To 1-3/4" Caliper Prunus subhirtella - Weeping Cherry	276.48	
32 93 43 00-0229	EA	1-1/4"	To 1-1/2" Caliper Prunus subhirtella - Weeping Cherry	230.24	
32 93 43 00-0230	EA	1-3/4"	To 2" Caliper Prunus subhirtella - Weeping Cherry	337.69	
32 93 43 00-0231	EA	2"	To 2-1/2" Caliper Prunus subhirtella - Weeping Cherry	403.11	
32 93 43 00-0232	EA	2-1/2"	To 3" Caliper Prunus subhirtella - Weeping Cherry	518.23	
32 93 43 00-0233	EA	6'	To 8' Prunus yedoensis - Yoshino Cherry	199.73	
32 93 43 00-0234	EA	1-1/2"	To 2" Caliper Prunus yedoensis - Yoshino Cherry	307.18	
32 93 43 00-0235	EA	2"	To 2-1/2" Caliper Prunus yedoensis - Yoshino Cherry	376.07	
32 93 43 00-0236	EA	2-1/2"	To 3" Caliper Prunus yedoensis - Yoshino Cherry	479.86	
32 93 43 00-0237	EA	15	Gallon Pyrus Calleryana x 'Aristocrat' - Flowering Pear	266.79	
32 93 43 00-0238	EA	20	Gallon Pyrus Calleryana x 'Aristocrat' - Flowering Pear	333.49	
32 93 43 00-0239	EA	1-1/2"	To 2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	346.83	
32 93 43 00-0240	EA	2"	To 2-1/2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	413.52	
32 93 43 00-0241	EA	2-1/2"	To 3" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	580.26	
32 93 43 00-0242	EA	3"	To 3-1/2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	733.68	
32 93 43 00-0243	EA	3-1/2"	To 4" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	933.77	
32 93 43 00-0244	EA	15	Gallon Pyrus Calleryana x "Bradford" - Flowering Pear	266.79	
32 93 43 00-0245	EA	20	Gallon Pyrus Calleryana x "Bradford" - Flowering Pear	333.49	

32 Exterior Improvements**32 90 Planting****32 93 Plants**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0246	EA	1-1/2" To 2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	226.78	
32 93 43 00-0247	EA	2" To 2-1/2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	346.83	
32 93 43 00-0248	EA	2-1/2" To 3" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	413.16	
32 93 43 00-0249	EA	3" To 3-1/2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	560.26	
32 93 43 00-0250	EA	3-1/2" To 4" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	733.68	
32 93 43 00-0251	EA	1-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	485.97	
32 93 43 00-0252	EA	2" Caliper Pyrus calleryana & cvs - Callery Pear	607.47	
32 93 43 00-0253	EA	2-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	753.26	
32 93 43 00-0254	EA	3" Caliper Pyrus calleryana & cvs - Callery Pear	850.45	
32 93 43 00-0255	EA	3-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	947.65	
32 93 43 00-0256	EA	4" Caliper Pyrus calleryana & cvs - Callery Pear	1,214.93	
32 93 43 00-0257	EA	1 Gallon Ribes aureum - Golden Current	4.94	
32 93 43 00-0258	EA	5 Gallon Ribes aureum - Golden Current	14.11	
32 93 43 00-0259	EA	1 Gallon Ribes sanguineum - Red Flowering Currant	4.94	
32 93 43 00-0260	EA	5 Gallon Ribes sanguineum - Red Flowering Currant	14.11	
32 93 43 00-0261	EA	1 Gallon Ribes viburnifolium - Evergreen Currant	4.94	
32 93 43 00-0262	EA	5 Gallon Ribes viburnifolium - Evergreen Currant	14.11	
32 93 43 00-0263	EA	1-3/4" Caliper Sophora japonica - Japanese Pagoda	463.18	
32 93 43 00-0264	EA	2" Caliper Sophora japonica - Japanese Pagoda	521.07	
32 93 43 00-0265	EA	2-1/2" Caliper Sophora japonica - Japanese Pagoda	607.92	
32 93 43 00-0266	EA	3" Caliper Sophora japonica - Japanese Pagoda	889.13	
32 93 43 00-0267	EA	3-1/2" Caliper Sophora japonica - Japanese Pagoda	1,344.04	
32 93 43 00-0268	EA	1-1/2" Caliper Sorbus alnifolia - Korean Mountainash	346.44	
32 93 43 00-0269	EA	2" Caliper Sorbus alnifolia - Korean Mountainash	433.05	
32 93 43 00-0270	EA	2-1/2" Caliper Sorbus alnifolia - Korean Mountainash	536.99	
32 93 43 00-0271	EA	3" Caliper Sorbus alnifolia - Korean Mountainash	658.24	
32 93 43 00-0272	EA	3-1/2" Caliper Sorbus alnifolia - Korean Mountainash	796.82	
32 93 43 00-0273	EA	4" Caliper Sorbus alnifolia - Korean Mountainash	952.72	
32 93 43 00-0274	EA	1-1/2" Caliper Syringa reticulata & cvs - Japanese Tree Lilac	450.38	
32 93 43 00-0275	EA	2" Caliper Syringa reticulata & cvs - Japanese Tree Lilac	485.02	
32 93 43 00-0276	EA	2-1/2" Caliper Syringa reticulata & cvs - Japanese Tree Lilac	588.95	
32 93 43 00-0277	EA	4' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	277.15	
32 93 43 00-0278	EA	5' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	329.12	
32 93 43 00-0279	EA	6' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	381.09	
32 93 43 00-0280	EA	7' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	433.05	
32 93 43 00-0281	EA	8' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	502.34	
32 93 43 00-0282	EA	10' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	640.92	
32 93 43 00-0283	EA	12' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	727.53	
32 93 43 00-0284	EA	14' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	831.46	
32 93 43 00-0285	EA	5 Gallon Celtis Sinensis - Chinese Hackberry	42.49	
32 93 43 00-0286	EA	15 Gallon Celtis Sinensis - Chinese Hackberry	112.02	
32 93 43 00-0287	EA	24" Box Celtis Sinensis - Chinese Hackberry	366.95	
32 93 43 00-0288	EA	36" Box Celtis Sinensis - Chinese Hackberry	1,071.87	
32 93 43 00-0289	EA	5 Gallon Crataegus phaenopyrum - Washington Hawthorn	42.49	
32 93 43 00-0290	EA	15 Gallon Crataegus phaenopyrum - Washington Hawthorn	112.02	
32 93 43 00-0291	EA	24" Box Crataegus phaenopyrum - Washington Hawthorn	366.95	
32 93 43 00-0292	EA	36" Box Crataegus phaenopyrum - Washington Hawthorn	1,071.87	
32 93 43 00-0293	EA	1 Gallon Eucalyptus ficifolia - Red-Flowering Gum	12.55	
32 93 43 00-0294	EA	5 Gallon Eucalyptus ficifolia - Red-Flowering Gum	34.76	
32 93 43 00-0295	EA	15 Gallon Eucalyptus ficifolia - Red-Flowering Gum	152.57	
32 93 43 00-0296	EA	24" Box Eucalyptus ficifolia - Red-Flowering Gum	366.95	
32 93 43 00-0297	EA	36" Box Eucalyptus ficifolia - Red-Flowering Gum	965.65	
32 93 43 00-0298	EA	15 Gallon Fraxinus velutina 'Raywood' - Fan-Tex Ash	94.63	
32 93 43 00-0299	EA	24" Box Fraxinus velutina 'Raywood' - Fan-Tex Ash	309.01	
32 93 43 00-0300	EA	36" Box Fraxinus velutina 'Raywood' - Fan-Tex Ash	820.80	
32 93 43 00-0301	EA	48" Box Fraxinus velutina 'Raywood' - Fan-Tex Ash	1,834.74	
32 93 43 00-0302	EA	5 Gallon Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	27.04	
32 93 43 00-0303	EA	15 Gallon Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	94.63	
32 93 43 00-0304	EA	24" Box Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	309.01	
32 93 43 00-0305	EA	36" Box Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	820.80	
32 93 43 00-0306	EA	48" Box Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	1,834.74	
32 93 43 00-0307	EA	5 Gallon Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	27.04	
32 93 43 00-0308	EA	15 Gallon Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	113.95	
32 93 43 00-0309	EA	24" Box Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	309.01	
32 93 43 00-0310	EA	36" Box Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	869.08	
32 93 43 00-0311	EA	48" Box Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	2,221.00	
32 93 43 00-0312	EA	5 Gallon Liquidambar styraciflua 'Festival' - Festival Sweetgum	27.04	
32 93 43 00-0313	EA	15 Gallon Liquidambar styraciflua 'Festival' - Festival Sweetgum	113.95	
32 93 43 00-0314	EA	24" Box Liquidambar styraciflua 'Festival' - Festival Sweetgum	309.01	
32 93 43 00-0315	EA	36" Box Liquidambar styraciflua 'Festival' - Festival Sweetgum	869.08	
32 93 43 00-0316	EA	48" Box Liquidambar styraciflua 'Festival' - Festival Sweetgum	2,221.00	
32 93 43 00-0317	EA	5 Gallon Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	27.04	
32 93 43 00-0318	EA	15 Gallon Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	113.95	
32 93 43 00-0319	EA	24" Box Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	309.01	
32 93 43 00-0320	EA	36" Box Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	869.08	
32 93 43 00-0321	EA	48" Box Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	2,221.00	
32 93 43 00-0322	EA	1 Gallon Pittosporum undulatum - Victorian Box	11.30	
32 93 43 00-0323	EA	5 Gallon Pittosporum undulatum - Victorian Box	24.33	
32 93 43 00-0324	EA	15 Gallon Pittosporum undulatum - Victorian Box	137.32	
32 93 43 00-0325	EA	24" Box Pittosporum undulatum - Victorian Box	330.26	
32 93 43 00-0326	EA	36" Box Pittosporum undulatum - Victorian Box	956.01	
32 93 43 00-0327	EA	48" Box Pittosporum undulatum - Victorian Box	2,172.75	
32 93 43 00-0328	EA	15 Gallon Prunus cerasifera 'Thundercloud' - Thundercloud Purple Leaf Plum	96.47	
32 93 43 00-0329	EA	24" Box Prunus cerasifera 'Thundercloud' - Thundercloud Purple Leaf Plum	347.54	

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 93 43 00-0330

Deciduous Shade Trees (32 93 43)

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0331	EA	3-1/2" To 4" Caliper Acer palmatum - Bloodgood Japanese Maple	202.03
32 93 43 00-0332	EA	4" To 4-1/2" Caliper Acer palmatum - Bloodgood Japanese Maple	247.65
32 93 43 00-0333	EA	4-1/2" To 5" Caliper Acer palmatum - Bloodgood Japanese Maple	322.60
32 93 43 00-0334	EA	5" To 6" Caliper Acer palmatum - Bloodgood Japanese Maple	418.19
32 93 43 00-0335	EA	2' To 2-1/2' Acer palmatum - Japanese Maple	21.31
32 93 43 00-0336	EA	4' To 5' Acer palmatum - Japanese Maple	44.75
32 93 43 00-0337	EA	5' To 6' Acer palmatum - Japanese Maple	58.60
32 93 43 00-0338	EA	6' To 7' Acer palmatum - Japanese Maple	106.55
32 93 43 00-0339	EA	7' To 8' Acer palmatum - Japanese Maple	149.16
32 93 43 00-0340	EA	8' To 10' Acer palmatum - Japanese Maple	191.78
32 93 43 00-0341	EA	10' To 12' Acer palmatum - Japanese Maple	255.71
32 93 43 00-0342	EA	2" Caliper Acer platanoides & cvs - Norway Maple	108.62
32 93 43 00-0343	EA	2" Caliper Acer platanoides & cvs - Norway Maple	132.23
32 93 43 00-0344	EA	3" Caliper Acer platanoides & cvs - Norway Maple	170.01
32 93 43 00-0345	EA	3-1/2" Caliper Acer platanoides & cvs - Norway Maple	198.35
32 93 43 00-0346	EA	4" Caliper Acer platanoides & cvs - Norway Maple	212.52
32 93 43 00-0347	EA	4-1/2" Caliper Acer platanoides & cvs - Norway Maple	231.41
32 93 43 00-0348	EA	5" Caliper Acer platanoides & cvs - Norway Maple	259.74
32 93 43 00-0349	EA	2" Caliper Acer rubrum & cvs - Red Maple	103.90
32 93 43 00-0350	EA	2-1/2" Caliper Acer rubrum & cvs - Red Maple	132.23
32 93 43 00-0351	EA	3" Caliper Acer rubrum & cvs - Red Maple	170.01
32 93 43 00-0352	EA	3-1/2" Caliper Acer rubrum & cvs - Red Maple	207.79
32 93 43 00-0353	EA	4" Caliper Acer rubrum & cvs - Red Maple	236.13
32 93 43 00-0354	EA	4-1/2" Caliper Acer rubrum & cvs - Red Maple	273.91
32 93 43 00-0355	EA	5" Caliper Acer rubrum & cvs - Red Maple	306.97
32 93 43 00-0356	EA	8' Clump Form Acer rubrum & cvs - Red Maple	127.51
32 93 43 00-0357	EA	10' Clump Form Acer rubrum & cvs - Red Maple	170.01
32 93 43 00-0358	EA	12' Clump Form Acer rubrum & cvs - Red Maple	198.35
32 93 43 00-0359	EA	14' Clump Form Acer rubrum & cvs - Red Maple	226.69
32 93 43 00-0360	EA	16' Clump Form Acer rubrum & cvs - Red Maple	255.02
32 93 43 00-0361	EA	18' Clump Form Acer rubrum & cvs - Red Maple	283.36
32 93 43 00-0362	EA	2" Caliper Acer saccharinum & cvs - Silver Maple	85.01
32 93 43 00-0363	EA	2-1/2" Caliper Acer saccharinum & cvs - Silver Maple	113.34
32 93 43 00-0364	EA	3" Caliper Acer saccharinum & cvs - Silver Maple	141.68
32 93 43 00-0365	EA	3-1/2" Caliper Acer saccharinum & cvs - Silver Maple	170.01
32 93 43 00-0366	EA	4" Caliper Acer saccharinum & cvs - Silver Maple	198.35
32 93 43 00-0367	EA	4-1/2" Caliper Acer saccharinum & cvs - Silver Maple	226.69
32 93 43 00-0368	EA	5" Caliper Acer saccharinum & cvs - Silver Maple	255.02
32 93 43 00-0369	EA	2" Caliper Acer saccharum & cvs - Sugar Maple	103.90
32 93 43 00-0370	EA	2-1/2" Caliper Acer saccharum & cvs - Sugar Maple	136.96
32 93 43 00-0371	EA	3" Caliper Acer saccharum & cvs - Sugar Maple	165.29
32 93 43 00-0372	EA	3-1/2" Caliper Acer saccharum & cvs - Sugar Maple	188.90
32 93 43 00-0373	EA	4" Caliper Acer saccharum & cvs - Sugar Maple	221.96
32 93 43 00-0374	EA	4-1/2" Caliper Acer saccharum & cvs - Sugar Maple	255.02
32 93 43 00-0375	EA	5" Caliper Acer saccharum & cvs - Sugar Maple	283.36
32 93 43 00-0376	EA	10' Clump Form Acer saccharum & cvs - Sugar Maple	188.90
32 93 43 00-0377	EA	12' Clump Form Acer saccharum & cvs - Sugar Maple	221.96
32 93 43 00-0378	EA	14' Clump Form Acer saccharum & cvs - Sugar Maple	259.74
32 93 43 00-0379	EA	16' Clump Form Acer saccharum & cvs - Sugar Maple	288.08
32 93 43 00-0380	EA	18' Clump Form Acer saccharum & cvs - Sugar Maple	349.47
32 93 43 00-0381	EA	20' Clump Form Acer saccharum & cvs - Sugar Maple	377.81
32 93 43 00-0382	EA	2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	118.07
32 93 43 00-0383	EA	2-1/2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	146.40
32 93 43 00-0384	EA	3" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	179.46
32 93 43 00-0385	EA	3-1/2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	207.79
32 93 43 00-0386	EA	4" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	226.69
32 93 43 00-0387	EA	4-1/2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	250.30
32 93 43 00-0388	EA	5" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	278.63
32 93 43 00-0389	EA	10' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	170.01
32 93 43 00-0390	EA	12' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	224.80
32 93 43 00-0391	EA	14' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	261.63
32 93 43 00-0392	EA	16' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	288.08
32 93 43 00-0393	EA	18' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	349.47
32 93 43 00-0394	EA	20' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	377.81
32 93 43 00-0395	EA	2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	165.29
32 93 43 00-0396	EA	2-1/2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	184.18
32 93 43 00-0397	EA	3" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	207.79
32 93 43 00-0398	EA	3-1/2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	236.13
32 93 43 00-0399	EA	4" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	283.36
32 93 43 00-0400	EA	2" Caliper Aesculus x carnea - Red Horsechestnut	165.29
32 93 43 00-0401	EA	2-1/2" Caliper Aesculus x carnea - Red Horsechestnut	184.18
32 93 43 00-0402	EA	3" Caliper Aesculus x carnea - Red Horsechestnut	207.79
32 93 43 00-0403	EA	3-1/2" Caliper Aesculus x carnea - Red Horsechestnut	236.13
32 93 43 00-0404	EA	4" Caliper Aesculus x carnea - Red Horsechestnut	283.36
32 93 43 00-0405	EA	2" Caliper Alnus glutinosa - Common Alder, Black Alder	118.07
32 93 43 00-0406	EA	2-1/2" Caliper Alnus glutinosa - Common Alder, Black Alder	136.96
32 93 43 00-0407	EA	3" Caliper Alnus glutinosa - Common Alder, Black Alder	155.85
32 93 43 00-0408	EA	3-1/2" Caliper Alnus glutinosa - Common Alder, Black Alder	179.46
32 93 43 00-0409	EA	8' Clump Form Alnus glutinosa - Common Alder, Black Alder	122.79
32 93 43 00-0410	EA	10' Clump Form Alnus glutinosa - Common Alder, Black Alder	151.12
32 93 43 00-0411	EA	12' Clump Form Alnus glutinosa - Common Alder, Black Alder	170.01
32 93 43 00-0412	EA	14' Clump Form Alnus glutinosa - Common Alder, Black Alder	188.90

32 Exterior Improvements**32 90 Planting****32 93 Plants**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 93 43 00-0413	EA	16' Clump Form Alnus glutinosa - Common Alder, Black Alder	212.52	
32 93 43 00-0414	EA	18' Clump Form Alnus glutinosa - Common Alder, Black Alder	236.13	
32 93 43 00-0415	EA	2" Caliper Betula nigra - River Birch	118.07	
32 93 43 00-0416	EA	2-1/2" Caliper Betula nigra - River Birch	133.70	
32 93 43 00-0417	EA	3" Caliper Betula nigra - River Birch	151.12	
32 93 43 00-0418	EA	3-1/2" Caliper Betula nigra - River Birch	188.90	
32 93 43 00-0419	EA	4" Caliper Betula nigra - River Birch	212.52	
32 93 43 00-0420	EA	4-1/2" Caliper Betula nigra - River Birch	236.13	
32 93 43 00-0421	EA	5" Caliper Betula nigra - River Birch	259.74	
32 93 43 00-0422	EA	8' Clump Form Betula nigra - River Birch	108.62	
32 93 43 00-0423	EA	10' Clump Form Betula nigra - River Birch	122.79	
32 93 43 00-0424	EA	12' Clump Form Betula nigra - River Birch	141.68	
32 93 43 00-0425	EA	14' Clump Form Betula nigra - River Birch	165.29	
32 93 43 00-0426	EA	16' Clump Form Betula nigra - River Birch	188.90	
32 93 43 00-0427	EA	12' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	141.68	
32 93 43 00-0428	EA	14' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	170.01	
32 93 43 00-0429	EA	16' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	198.35	
32 93 43 00-0430	EA	18' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	236.13	
32 93 43 00-0431	EA	20' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	245.58	
32 93 43 00-0432	EA	10' - 12' Bursera Simaruba - Gumbo Limbo	59.74	
32 93 43 00-0433	EA	12' - 14' Bursera Simaruba - Gumbo Limbo	70.60	
32 93 43 00-0434	EA	14' - 16' Bursera Simaruba - Gumbo Limbo	97.76	
32 93 43 00-0435	EA	17' - 18' Bursera Simaruba - Gumbo Limbo	127.09	
32 93 43 00-0436	EA	19' - 20' Bursera Simaruba - Gumbo Limbo	141.21	
32 93 43 00-0437	EA	21' - 22' Bursera Simaruba - Gumbo Limbo	167.27	
32 93 43 00-0438	EA	2" Caliper Carpinus betulus & cvs - European Hornbeam	188.90	
32 93 43 00-0439	EA	2-1/2" Caliper Carpinus betulus & cvs - European Hornbeam	212.52	
32 93 43 00-0440	EA	3" Caliper Carpinus betulus & cvs - European Hornbeam	245.58	
32 93 43 00-0441	EA	3-1/2" Caliper Carpinus betulus & cvs - European Hornbeam	297.52	
32 93 43 00-0442	EA	6' Clump Form Carpinus betulus & cvs - European Hornbeam	85.01	
32 93 43 00-0443	EA	7' Clump Form Carpinus betulus & cvs - European Hornbeam	118.07	
32 93 43 00-0444	EA	8' Clump Form Carpinus betulus & cvs - European Hornbeam	146.40	
32 93 43 00-0445	EA	2" Caliper Catalpa speciosa - Western Catalpa	103.90	
32 93 43 00-0446	EA	2-1/2" Caliper Catalpa speciosa - Western Catalpa	141.68	
32 93 43 00-0447	EA	3" Caliper Catalpa speciosa - Western Catalpa	184.18	
32 93 43 00-0448	EA	3-1/2" Caliper Catalpa speciosa - Western Catalpa	221.96	
32 93 43 00-0449	EA	4" Caliper Catalpa speciosa - Western Catalpa	255.02	
32 93 43 00-0450	EA	2" Caliper Celtis occidentalis & cvs - Common Hackberry	132.23	
32 93 43 00-0451	EA	2-1/2" Caliper Celtis occidentalis & cvs - Common Hackberry	151.12	
32 93 43 00-0452	EA	3" Caliper Celtis occidentalis & cvs - Common Hackberry	184.18	
32 93 43 00-0453	EA	3-1/2" Caliper Celtis occidentalis & cvs - Common Hackberry	217.24	
32 93 43 00-0454	EA	4" Caliper Celtis occidentalis & cvs - Common Hackberry	250.30	
32 93 43 00-0455	EA	4-1/2" Caliper Celtis occidentalis & cvs - Common Hackberry	283.36	
32 93 43 00-0456	EA	3" Caliper Cercidiphyllum japonicum - Katsuratree	165.29	
32 93 43 00-0457	EA	3-1/2" Caliper Cercidiphyllum japonicum - Katsuratree	188.90	
32 93 43 00-0458	EA	4" Caliper Cercidiphyllum japonicum - Katsuratree	221.96	
32 93 43 00-0459	EA	5" Caliper Cercidiphyllum japonicum - Katsuratree	264.47	
32 93 43 00-0460	EA	6' Clump Form Cercidiphyllum japonicum - Katsuratree	132.23	
32 93 43 00-0461	EA	7' Clump Form Cercidiphyllum japonicum - Katsuratree	155.85	
32 93 43 00-0462	EA	8' Clump Form Cercidiphyllum japonicum - Katsuratree	188.90	
32 93 43 00-0463	EA	10' Clump Form Cercidiphyllum japonicum - Katsuratree	236.13	
32 93 43 00-0464	EA	12' Clump Form Cercidiphyllum japonicum - Katsuratree	283.36	
32 93 43 00-0465	EA	2" Caliper Cladrastus lutea - American Yellowwood	236.13	
32 93 43 00-0466	EA	2-1/2" Caliper Cladrastus lutea - American Yellowwood	283.36	
32 93 43 00-0467	EA	3" Caliper Cladrastus lutea - American Yellowwood	330.58	
32 93 43 00-0468	EA	3-1/2" Caliper Cladrastus lutea - American Yellowwood	377.81	
32 93 43 00-0469	EA	2" Caliper Corylus colurna - Turkish Filbert	146.40	
32 93 43 00-0470	EA	2-1/2" Caliper Corylus colurna - Turkish Filbert	165.29	
32 93 43 00-0471	EA	3" Caliper Corylus colurna - Turkish Filbert	188.90	
32 93 43 00-0472	EA	3-1/2" Caliper Corylus colurna - Turkish Filbert	217.24	
32 93 43 00-0473	EA	4" Caliper Corylus colurna - Turkish Filbert	259.74	
32 93 43 00-0474	EA	4-1/2" Caliper Corylus colurna - Turkish Filbert	302.25	
32 93 43 00-0475	EA	5" Caliper Corylus colurna - Turkish Filbert	344.75	
32 93 43 00-0476	EA	8' Clump Form Corylus colurna - Turkish Filbert	132.23	
32 93 43 00-0477	EA	10' Clump Form Corylus colurna - Turkish Filbert	160.57	
32 93 43 00-0478	EA	12' Clump Form Corylus colurna - Turkish Filbert	188.90	
32 93 43 00-0479	EA	14' Clump Form Corylus colurna - Turkish Filbert	212.52	
32 93 43 00-0480	EA	16' Clump Form Corylus colurna - Turkish Filbert	236.13	
32 93 43 00-0481	EA	1-1/2" Caliper Diospyros - Persimmon	85.01	
32 93 43 00-0482	EA	2" Caliper Diospyros - Persimmon	103.90	
32 93 43 00-0483	EA	2-1/2" Caliper Diospyros - Persimmon	132.23	
32 93 43 00-0484	EA	3" Caliper Diospyros - Persimmon	165.29	
32 93 43 00-0485	EA	3-1/2" Caliper Diospyros - Persimmon	198.35	
32 93 43 00-0486	EA	1-1/2" Caliper Fagus grandifolia - American Beech	188.90	
32 93 43 00-0487	EA	2" Caliper Fagus grandifolia - American Beech	245.58	
32 93 43 00-0488	EA	2-1/2" Caliper Fagus grandifolia - American Beech	311.69	
32 93 43 00-0489	EA	3" Caliper Fagus grandifolia - American Beech	377.81	
32 93 43 00-0490	EA	3-1/2" Caliper Fagus grandifolia - American Beech	448.65	
32 93 43 00-0491	EA	2" Caliper Fagus sylvatica & cvs - European Beech	212.52	
32 93 43 00-0492	EA	2-1/2" Caliper Fagus sylvatica & cvs - European Beech	255.02	
32 93 43 00-0493	EA	3" Caliper Fagus sylvatica & cvs - European Beech	306.97	
32 93 43 00-0494	EA	3-1/2" Caliper Fagus sylvatica & cvs - European Beech	340.03	
32 93 43 00-0495	EA	4" Caliper Fagus sylvatica & cvs - European Beech	401.42	
32 93 43 00-0496	EA	4-1/2" Caliper Fagus sylvatica & cvs - European Beech	519.49	
32 93 43 00-0497	EA	5" Caliper Fagus sylvatica & cvs - European Beech	613.94	

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
32 93 43 00-0498	EA	2" Caliper Fraxinus americana & cvs - White Ash		118.07	
32 93 43 00-0499	EA	2-1/2" Caliper Fraxinus americana & cvs - White Ash		141.68	
32 93 43 00-0500	EA	3" Caliper Fraxinus americana & cvs - White Ash		179.46	
32 93 43 00-0501	EA	3-1/2" Caliper Fraxinus americana & cvs - White Ash		217.24	
32 93 43 00-0502	EA	4" Caliper Fraxinus americana & cvs - White Ash		255.02	
32 93 43 00-0503	EA	4-1/2" Caliper Fraxinus americana & cvs - White Ash		283.36	
32 93 43 00-0504	EA	5" Caliper Fraxinus americana & cvs - White Ash		330.58	
32 93 43 00-0505	EA	2" Caliper Fraxinus pennsylvanica & cvs - Green Ash		103.90	
32 93 43 00-0506	EA	2-1/2" Caliper Fraxinus pennsylvanica & cvs - Green Ash		122.79	
32 93 43 00-0507	EA	3" Caliper Fraxinus pennsylvanica & cvs - Green Ash		165.29	
32 93 43 00-0508	EA	3-1/2" Caliper Fraxinus pennsylvanica & cvs - Green Ash		198.35	
32 93 43 00-0509	EA	4" Caliper Fraxinus pennsylvanica & cvs - Green Ash		236.13	
32 93 43 00-0510	EA	4-1/2" Caliper Fraxinus pennsylvanica & cvs - Green Ash		255.02	
32 93 43 00-0511	EA	5" Caliper Fraxinus pennsylvanica & cvs - Green Ash		283.36	
32 93 43 00-0512	EA	1-1/2" Caliper Fraxinus quadrangulata - Blue Ash		141.68	
32 93 43 00-0513	EA	2" Caliper Fraxinus quadrangulata - Blue Ash		174.74	
32 93 43 00-0514	EA	2-1/2" Caliper Fraxinus quadrangulata - Blue Ash		212.52	
32 93 43 00-0515	EA	3" Caliper Fraxinus quadrangulata - Blue Ash		259.74	
32 93 43 00-0516	EA	3-1/2" Caliper Fraxinus quadrangulata - Blue Ash		306.97	
32 93 43 00-0517	EA	1-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)		165.29	
32 93 43 00-0518	EA	2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)		184.18	
32 93 43 00-0519	EA	2-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)		207.79	
32 93 43 00-0520	EA	3" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)		231.41	
32 93 43 00-0521	EA	3-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)		259.74	
32 93 43 00-0522	EA	4" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)		283.36	
32 93 43 00-0523	EA	4-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)		425.03	
32 93 43 00-0524	EA	5" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)		472.26	
32 93 43 00-0525	EA	2" Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust		113.34	
32 93 43 00-0526	EA	2-1/2" Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust		141.68	
32 93 43 00-0527	EA	3" Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust		170.01	
32 93 43 00-0528	EA	3-1/2" Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust		198.35	
32 93 43 00-0529	EA	4" Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust		226.69	
32 93 43 00-0530	EA	4-1/2" Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust		255.02	
32 93 43 00-0531	EA	5" Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust		302.25	
32 93 43 00-0532	EA	2" Caliper Gymnocladus dioicus - Kentucky Coffeetree		146.40	
32 93 43 00-0533	EA	2-1/2" Caliper Gymnocladus dioicus - Kentucky Coffeetree		179.46	
32 93 43 00-0534	EA	3" Caliper Gymnocladus dioicus - Kentucky Coffeetree		212.52	
32 93 43 00-0535	EA	3-1/2" Caliper Gymnocladus dioicus - Kentucky Coffeetree		250.30	
32 93 43 00-0536	EA	4" Caliper Gymnocladus dioicus - Kentucky Coffeetree		283.36	
32 93 43 00-0537	EA	4-1/2" Caliper Gymnocladus dioicus - Kentucky Coffeetree		316.41	
32 93 43 00-0538	EA	5" Caliper Gymnocladus dioicus - Kentucky Coffeetree		354.20	
32 93 43 00-0539	EA	1-1/2" Caliper Juglans cinerea - Butternut		113.34	
32 93 43 00-0540	EA	2" Caliper Juglans cinerea - Butternut		132.23	
32 93 43 00-0541	EA	2-1/2" Caliper Juglans cinerea - Butternut		165.29	
32 93 43 00-0542	EA	3" Caliper Juglans cinerea - Butternut		207.79	
32 93 43 00-0543	EA	3-1/2" Caliper Juglans cinerea - Butternut		255.02	
32 93 43 00-0544	EA	1-1/2" Caliper Juglans californica - California Walnut		113.34	
32 93 43 00-0545	EA	2" Caliper Juglans californica - California Walnut		132.23	
32 93 43 00-0546	EA	2-1/2" Caliper Juglans californica - California Walnut		165.29	
32 93 43 00-0547	EA	3" Caliper Juglans californica - California Walnut		207.79	
32 93 43 00-0548	EA	3-1/2" Caliper Juglans californica - California Walnut		255.02	
32 93 43 00-0549	EA	4" Caliper Juglans californica - California Walnut		306.97	
32 93 43 00-0550	EA	4-1/2" Caliper Juglans californica - California Walnut		354.20	
32 93 43 00-0551	EA	5" Caliper Juglans californica - California Walnut		401.42	
32 93 43 00-0552	EA	5 Gallon Koelreuteria Paniculata - Goldenrain Tree		12.79	
32 93 43 00-0553	EA	15 Gallon Koelreuteria Paniculata - Goldenrain Tree		31.96	
32 93 43 00-0554	EA	20 Gallon Koelreuteria Paniculata - Goldenrain Tree		63.93	
32 93 43 00-0555	EA	55 Gallon Koelreuteria Paniculata - Goldenrain Tree		83.11	
32 93 43 00-0556	EA	1-1/2" To 2" Caliper Koelreuteria Paniculata - Goldenrain Tree		60.73	
32 93 43 00-0557	EA	2" To 2-1/2" Caliper Koelreuteria Paniculata - Goldenrain Tree		73.52	
32 93 43 00-0558	EA	2-1/2" To 3" Caliper Koelreuteria Paniculata - Goldenrain Tree		102.28	
32 93 43 00-0559	EA	1-1/2" Caliper Liquidambar styraciflua - American Sweetgum		151.12	
32 93 43 00-0560	EA	2" Caliper Liquidambar styraciflua - American Sweetgum		188.90	
32 93 43 00-0561	EA	2-1/2" Caliper Liquidambar styraciflua - American Sweetgum		236.13	
32 93 43 00-0562	EA	3" Caliper Liquidambar styraciflua - American Sweetgum		283.36	
32 93 43 00-0563	EA	3-1/2" Caliper Liquidambar styraciflua - American Sweetgum		330.58	
32 93 43 00-0564	EA	1-1/2" Caliper Liriodendron tulipifera - Tulip Tree		151.12	
32 93 43 00-0565	EA	2" Caliper Liriodendron tulipifera - Tulip Tree		207.79	
32 93 43 00-0566	EA	2-1/2" Caliper Liriodendron tulipifera - Tulip Tree		245.58	
32 93 43 00-0567	EA	3" Caliper Liriodendron tulipifera - Tulip Tree		283.36	
32 93 43 00-0568	EA	3-1/2" Caliper Liriodendron tulipifera - Tulip Tree		321.14	
32 93 43 00-0569	EA	8' Clump Form Liriodendron tulipifera - Tulip Tree		113.34	
32 93 43 00-0570	EA	10' Clump Form Liriodendron tulipifera - Tulip Tree		203.07	
32 93 43 00-0571	EA	12' Clump Form Liriodendron tulipifera - Tulip Tree		245.58	
32 93 43 00-0572	EA	1-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum		151.12	
32 93 43 00-0573	EA	2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum		188.90	
32 93 43 00-0574	EA	2-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum		236.13	
32 93 43 00-0575	EA	3" Caliper Nyssa sylvatica - Black Tupelo Sour Gum		283.36	
32 93 43 00-0576	EA	3-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum		330.58	
32 93 43 00-0577	EA	4' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum		66.12	
32 93 43 00-0578	EA	5' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum		75.56	
32 93 43 00-0579	EA	6' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum		89.73	
32 93 43 00-0580	EA	7' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum		113.34	
32 93 43 00-0581	EA	8' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum		141.68	
32 93 43 00-0582	EA	2" Caliper Ostrya virginiana - American Hophornbeam		122.79	

32 Exterior Improvements**32 90 Planting****32 93 Plants**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 93 43 00-0583	EA	2-1/2" Caliper Ostrya virginiana - American Hophornbeam	155.85	
32 93 43 00-0584	EA	3" Caliper Ostrya virginiana - American Hophornbeam	188.90	
32 93 43 00-0585	EA	3-1/2" Caliper Ostrya virginiana - American Hophornbeam	221.96	
32 93 43 00-0586	EA	4" Caliper Ostrya virginiana - American Hophornbeam	269.19	
32 93 43 00-0587	EA	2" Caliper Phellodendron amurense - Amur Corktree	94.45	
32 93 43 00-0588	EA	2-1/2" Caliper Phellodendron amurense - Amur Corktree	118.07	
32 93 43 00-0589	EA	3" Caliper Phellodendron amurense - Amur Corktree	141.68	
32 93 43 00-0590	EA	3-1/2" Caliper Phellodendron amurense - Amur Corktree	165.29	
32 93 43 00-0591	EA	4" Caliper Phellodendron amurense - Amur Corktree	188.90	
32 93 43 00-0592	EA	4-1/2" Caliper Phellodendron amurense - Amur Corktree	212.52	
32 93 43 00-0593	EA	5" Caliper Phellodendron amurense - Amur Corktree	236.13	
32 93 43 00-0594	EA	30" Box Platanus Occidentalis - Buttonwood Sycamore	205.17	
32 93 43 00-0595	EA	36" Box Platanus Occidentalis - Buttonwood Sycamore	298.44	
32 93 43 00-0596	EA	42" Box Platanus occidentalis - Buttonwood Sycamore	443.94	
32 93 43 00-0597	EA	1-1/2" To 2" Caliper Platanus occidentalis - Buttonwood Sycamore	68.65	
32 93 43 00-0598	EA	2" To 2-1/2" Caliper Platanus occidentalis - Buttonwood Sycamore	82.08	
32 93 43 00-0599	EA	2-1/2" To 3" Caliper Platanus occidentalis - Buttonwood Sycamore	111.91	
32 93 43 00-0600	EA	3" To 3-1/2" Caliper Platanus occidentalis - Buttonwood Sycamore	135.81	
32 93 43 00-0601	EA	8' To 10' Platanus occidentalis - Green Or Silver Buttonwood	56.48	
32 93 43 00-0602	EA	10' To 12' Platanus occidentalis - Green Or Silver Buttonwood	70.60	
32 93 43 00-0603	EA	12' To 14' Platanus occidentalis - Green Or Silver Buttonwood	124.91	
32 93 43 00-0604	EA	16' To 18' Platanus occidentalis - Green Or Silver Buttonwood	179.22	
32 93 43 00-0605	EA	2" Caliper Platanus x acerifolia & cvs - London Planetree	113.34	
32 93 43 00-0606	EA	2-1/2" Caliper Platanus x acerifolia & cvs - London Planetree	136.96	
32 93 43 00-0607	EA	3" Caliper Platanus x acerifolia & cvs - London Planetree	165.29	
32 93 43 00-0608	EA	3-1/2" Caliper Platanus x acerifolia & cvs - London Planetree	198.35	
32 93 43 00-0609	EA	4" Caliper Platanus x acerifolia & cvs - London Planetree	236.13	
32 93 43 00-0610	EA	2" Caliper Populus alba & cvs - White Poplar	113.34	
32 93 43 00-0611	EA	2-1/2" Caliper Populus alba & cvs - White Poplar	132.23	
32 93 43 00-0612	EA	3" Caliper Populus alba & cvs - White Poplar	151.12	
32 93 43 00-0613	EA	3-1/2" Caliper Populus alba & cvs - White Poplar	179.46	
32 93 43 00-0614	EA	4" Caliper Populus alba & cvs - White Poplar	198.35	
32 93 43 00-0615	EA	4-1/2" Caliper Populus alba & cvs - White Poplar	226.69	
32 93 43 00-0616	EA	2" Caliper Populus deltoides & cvs - Eastern Cottonwood	103.90	
32 93 43 00-0617	EA	2-1/2" Caliper Populus deltoides & cvs - Eastern Cottonwood	136.96	
32 93 43 00-0618	EA	3" Caliper Populus deltoides & cvs - Eastern Cottonwood	165.29	
32 93 43 00-0619	EA	3-1/2" Caliper Populus deltoides & cvs - Eastern Cottonwood	198.35	
32 93 43 00-0620	EA	4" Caliper Populus deltoides & cvs - Eastern Cottonwood	236.13	
32 93 43 00-0621	EA	6' To 8' Quercus acutissima - Sawtooth Oak	35.52	
32 93 43 00-0622	EA	8' To 10' Quercus acutissima - Sawtooth Oak	53.27	
32 93 43 00-0623	EA	10' To 12' Quercus acutissima - Sawtooth Oak	62.15	
32 93 43 00-0624	EA	1-1/2" To 2" Caliper Quercus acutissima - Sawtooth Oak	71.03	
32 93 43 00-0625	EA	2" To 2-1/2" Caliper Quercus acutissima - Sawtooth Oak	79.91	
32 93 43 00-0626	EA	3" To 3-1/2" Caliper Quercus virginiana - Live Oak	281.28	
32 93 43 00-0627	EA	3-1/2" To 4" Caliper Quercus virginiana - Live Oak	379.08	
32 93 43 00-0628	EA	4" To 4-1/2" Caliper Quercus virginiana - Live Oak	512.69	
32 93 43 00-0629	EA	4-1/2" To 5" Caliper Quercus virginiana - Live Oak	684.31	
32 93 43 00-0630	EA	5" To 5-1/2" Caliper Quercus virginiana - Live Oak	825.51	
32 93 43 00-0631	EA	5-1/2" To 6" Caliper Quercus virginiana - Live Oak	912.41	
32 93 43 00-0632	EA	6" To 6-1/2" Caliper Quercus virginiana - Live Oak	1,227.41	
32 93 43 00-0633	EA	6-1/2" To 7" Caliper Quercus virginiana - Live Oak	1,542.40	
32 93 43 00-0634	EA	7" To 7-1/2" Caliper Quercus virginiana - Live Oak	1,857.40	
32 93 43 00-0635	EA	7-1/2" To 8" Caliper Quercus virginiana - Live Oak	2,253.86	
32 93 43 00-0636	EA	8" To 8-1/2" Caliper Quercus virginiana - Live Oak	2,650.33	
32 93 43 00-0637	EA	2" Caliper Quercus alba - White Oak	141.68	
32 93 43 00-0638	EA	2-1/2" Caliper Quercus alba - White Oak	165.29	
32 93 43 00-0639	EA	3" Caliper Quercus alba - White Oak	207.79	
32 93 43 00-0640	EA	3-1/2" Caliper Quercus alba - White Oak	259.74	
32 93 43 00-0641	EA	4" Caliper Quercus alba - White Oak	306.97	
32 93 43 00-0642	EA	4-1/2" Caliper Quercus alba - White Oak	377.81	
32 93 43 00-0643	EA	5" Caliper Quercus alba - White Oak	448.65	
32 93 43 00-0644	EA	2" Caliper Quercus bicolor - Swamp White Oak	165.29	
32 93 43 00-0645	EA	2-1/2" Caliper Quercus bicolor - Swamp White Oak	188.90	
32 93 43 00-0646	EA	3" Caliper Quercus bicolor - Swamp White Oak	217.24	
32 93 43 00-0647	EA	3-1/2" Caliper Quercus bicolor - Swamp White Oak	240.85	
32 93 43 00-0648	EA	4" Caliper Quercus bicolor - Swamp White Oak	273.91	
32 93 43 00-0649	EA	4-1/2" Caliper Quercus bicolor - Swamp White Oak	302.25	
32 93 43 00-0650	EA	5" Caliper Quercus bicolor - Swamp White Oak	340.03	
32 93 43 00-0651	EA	10' Clump Form Quercus bicolor - Swamp White Oak	236.13	
32 93 43 00-0652	EA	12' Clump Form Quercus bicolor - Swamp White Oak	283.36	
32 93 43 00-0653	EA	14' Clump Form Quercus bicolor - Swamp White Oak	330.58	
32 93 43 00-0654	EA	16' Clump Form Quercus bicolor - Swamp White Oak	377.81	
32 93 43 00-0655	EA	2" Caliper Quercus coccinea - Scarlet Oak	122.79	
32 93 43 00-0656	EA	2-1/2" Caliper Quercus coccinea - Scarlet Oak	155.85	
32 93 43 00-0657	EA	3" Caliper Quercus coccinea - Scarlet Oak	193.63	
32 93 43 00-0658	EA	3-1/2" Caliper Quercus coccinea - Scarlet Oak	236.13	
32 93 43 00-0659	EA	4" Caliper Quercus coccinea - Scarlet Oak	283.36	
32 93 43 00-0660	EA	4-1/2" Caliper Quercus coccinea - Scarlet Oak	335.31	
32 93 43 00-0661	EA	5" Caliper Quercus coccinea - Scarlet Oak	391.98	
32 93 43 00-0662	EA	1-1/2" Caliper Quercus imbricaria - Shingle Oak	122.79	
32 93 43 00-0663	EA	2" Caliper Quercus imbricaria - Shingle Oak	165.29	
32 93 43 00-0664	EA	2-1/2" Caliper Quercus imbricaria - Shingle Oak	221.96	
32 93 43 00-0665	EA	3" Caliper Quercus imbricaria - Shingle Oak	330.58	
32 93 43 00-0666	EA	3-1/2" Caliper Quercus imbricaria - Shingle Oak	448.65	
32 93 43 00-0667	EA	1-1/2" Caliper Quercus macrocarpa - Bur Oak	122.79	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0668	EA	2"	Caliper Quercus macrocarpa - Bur Oak	146.40	
32 93 43 00-0669	EA	2-1/2"	Caliper Quercus macrocarpa - Bur Oak	174.74	
32 93 43 00-0670	EA	3"	Caliper Quercus macrocarpa - Bur Oak	212.52	
32 93 43 00-0671	EA	3-1/2"	Caliper Quercus macrocarpa - Bur Oak	259.74	
32 93 43 00-0672	EA	4"	Caliper Quercus macrocarpa - Bur Oak	306.97	
32 93 43 00-0673	EA	9'	Clump Form Quercus macrocarpa - Bur Oak	283.36	
32 93 43 00-0674	EA	10'	Clump Form Quercus macrocarpa - Bur Oak	330.58	
32 93 43 00-0675	EA	12'	Clump Form Quercus macrocarpa - Bur Oak	377.81	
32 93 43 00-0676	EA	2"	Caliper Quercus palustris - Pin Oak	103.90	
32 93 43 00-0677	EA	2-1/2"	Caliper Quercus palustris - Pin Oak	141.68	
32 93 43 00-0678	EA	3"	Caliper Quercus palustris - Pin Oak	184.18	
32 93 43 00-0679	EA	3-1/2"	Caliper Quercus palustris - Pin Oak	212.52	
32 93 43 00-0680	EA	4"	Caliper Quercus palustris - Pin Oak	245.58	
32 93 43 00-0681	EA	4-1/2"	Caliper Quercus palustris - Pin Oak	278.63	
32 93 43 00-0682	EA	5"	Caliper Quercus palustris - Pin Oak	306.97	
32 93 43 00-0683	EA	2"	Caliper Quercus robur & cvs - English Oak	122.79	
32 93 43 00-0684	EA	2-1/2"	Caliper Quercus robur & cvs - English Oak	151.12	
32 93 43 00-0685	EA	3"	Caliper Quercus robur & cvs - English Oak	179.46	
32 93 43 00-0686	EA	3-1/2"	Caliper Quercus robur & cvs - English Oak	212.52	
32 93 43 00-0687	EA	4"	Caliper Quercus robur & cvs - English Oak	245.58	
32 93 43 00-0688	EA	4-1/2"	Caliper Quercus robur & cvs - English Oak	283.36	
32 93 43 00-0689	EA	5"	Caliper Quercus robur & cvs - English Oak	321.14	
32 93 43 00-0690	EA	2"	Caliper Quercus rubra - Red Oak	141.68	
32 93 43 00-0691	EA	2-1/2"	Caliper Quercus rubra - Red Oak	165.29	
32 93 43 00-0692	EA	3"	Caliper Quercus rubra - Red Oak	198.35	
32 93 43 00-0693	EA	3-1/2"	Caliper Quercus rubra - Red Oak	236.13	
32 93 43 00-0694	EA	4"	Caliper Quercus rubra - Red Oak	283.36	
32 93 43 00-0695	EA	4-1/2"	Caliper Quercus rubra - Red Oak	330.58	
32 93 43 00-0696	EA	5"	Caliper Quercus rubra - Red Oak	377.81	
32 93 43 00-0697	EA	16'	Clump Form Quercus rubra - Red Oak	306.97	
32 93 43 00-0698	EA	18'	Clump Form Quercus rubra - Red Oak	368.36	
32 93 43 00-0699	EA	20'	Clump Form Quercus rubra - Red Oak	410.87	
32 93 43 00-0700	EA	2"	Caliper Quercus shumardii - Shumard Oak	160.57	
32 93 43 00-0701	EA	2-1/2"	Caliper Quercus shumardii - Shumard Oak	203.07	
32 93 43 00-0702	EA	3"	Caliper Quercus shumardii - Shumard Oak	236.13	
32 93 43 00-0703	EA	3-1/2"	Caliper Quercus shumardii - Shumard Oak	283.36	
32 93 43 00-0704	EA	4"	Caliper Quercus shumardii - Shumard Oak	330.58	
32 93 43 00-0705	EA	4-1/2"	Caliper Quercus shumardii - Shumard Oak	377.81	
32 93 43 00-0706	EA	5"	Caliper Quercus shumardii - Shumard Oak	425.03	
32 93 43 00-0707	EA	2"	Caliper Quercus schuettii - Swamp Bur Oak	141.68	
32 93 43 00-0708	EA	2-1/2"	Caliper Quercus schuettii - Swamp Bur Oak	170.01	
32 93 43 00-0709	EA	3"	Caliper Quercus schuettii - Swamp Bur Oak	212.52	
32 93 43 00-0710	EA	3-1/2"	Caliper Quercus schuettii - Swamp Bur Oak	259.74	
32 93 43 00-0711	EA	4"	Caliper Quercus schuettii - Swamp Bur Oak	302.25	
32 93 43 00-0712	EA	4-1/2"	Caliper Quercus schuettii - Swamp Bur Oak	340.03	
32 93 43 00-0713	EA	24"	Box Salix babylonica - Weeping Willow	119.37	
32 93 43 00-0714	EA	36"	Box Salix babylonica - Weeping Willow	298.44	
32 93 43 00-0715	EA	1-1/2" To 2"	Caliper Salix babylonica - Weeping Willow	68.65	
32 93 43 00-0716	EA	2"	To 2-1/2" Caliper Salix babylonica - Weeping Willow	82.08	
32 93 43 00-0717	EA	2-1/2" To 3"	Caliper Salix babylonica - Weeping Willow	89.54	
32 93 43 00-0718	EA	2"	Caliper Salix alba & cvs - White Willow	75.56	
32 93 43 00-0719	EA	2-1/2"	Caliper Salix alba & cvs - White Willow	89.73	
32 93 43 00-0720	EA	3"	Caliper Salix alba & cvs - White Willow	118.07	
32 93 43 00-0721	EA	3-1/2"	Caliper Salix alba & cvs - White Willow	141.68	
32 93 43 00-0722	EA	4"	Caliper Salix alba & cvs - White Willow	170.01	
32 93 43 00-0723	EA	4-1/2"	Caliper Salix alba & cvs - White Willow	198.35	
32 93 43 00-0724	EA	5"	Caliper Salix alba & cvs - White Willow	226.69	
32 93 43 00-0725	EA	5'	Clump Form Sassafras albidum - Common Sassafras	89.73	
32 93 43 00-0726	EA	6'	Clump Form Sassafras albidum - Common Sassafras	108.62	
32 93 43 00-0727	EA	7'	Clump Form Sassafras albidum - Common Sassafras	136.96	
32 93 43 00-0728	EA	8'	Clump Form Sassafras albidum - Common Sassafras	155.85	
32 93 43 00-0729	EA	10'	Clump Form Sassafras albidum - Common Sassafras	174.74	
32 93 43 00-0730	EA	12'	Clump Form Sassafras albidum - Common Sassafras	212.52	
32 93 43 00-0731	EA	14'	Clump Form Sassafras albidum - Common Sassafras	259.74	
32 93 43 00-0732	EA	16'	Clump Form Sassafras albidum - Common Sassafras	306.97	
32 93 43 00-0733	EA	1-3/4"	Caliper Sophora japonica - Chinese Scholar	156.41	
32 93 43 00-0734	EA	2"	Caliper Sophora japonica - Chinese Scholar	173.79	
32 93 43 00-0735	EA	2-1/2"	Caliper Sophora japonica - Chinese Scholar	233.53	
32 93 43 00-0736	EA	3"	Caliper Sophora japonica - Chinese Scholar	304.14	
32 93 43 00-0737	EA	3-1/2"	Caliper Sophora japonica - Chinese Scholar	353.02	
32 93 43 00-0738	EA	10'	To 12' Swietenia Mahagoni - Mahogany	83.64	
32 93 43 00-0739	EA	12'	To 14' Swietenia Mahagoni - Mahogany	97.76	
32 93 43 00-0740	EA	14'	To 16' Swietenia Mahagoni - Mahogany	130.34	
32 93 43 00-0741	EA	16'	To 18' Swietenia Mahagoni - Mahogany	146.64	
32 93 43 00-0742	EA	2"	Caliper Taxodium distichum - Common Bald Cypress	118.07	
32 93 43 00-0743	EA	2-1/2"	Caliper Taxodium distichum - Common Bald Cypress	136.96	
32 93 43 00-0744	EA	3"	Caliper Taxodium distichum - Common Bald Cypress	165.29	
32 93 43 00-0745	EA	3-1/2"	Caliper Taxodium distichum - Common Bald Cypress	188.90	
32 93 43 00-0746	EA	4"	Caliper Taxodium distichum - Common Bald Cypress	207.79	
32 93 43 00-0747	EA	6'	Clump Form Taxodium distichum - Common Bald Cypress	103.90	
32 93 43 00-0748	EA	7'	Clump Form Taxodium distichum - Common Bald Cypress	118.07	
32 93 43 00-0749	EA	8'	Clump Form Taxodium distichum - Common Bald Cypress	170.01	
32 93 43 00-0750	EA	10'	Clump Form Taxodium distichum - Common Bald Cypress	188.90	
32 93 43 00-0751	EA	12'	Clump Form Taxodium distichum - Common Bald Cypress	212.52	
32 93 43 00-0752	EA	14'	Clump Form Taxodium distichum - Common Bald Cypress	245.58	

32 Exterior Improvements**32 90 Planting****32 93 Plants**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 93 43 00-0753	EA	16' Clump Form Taxodium distichum - Common Bald Cypress.....	283.36	
32 93 43 00-0754	EA	2' Thuja occidentalis - American Arborvitae.....	16.18	
32 93 43 00-0755	EA	2-1/2' Thuja occidentalis - American Arborvitae.....	17.49	
32 93 43 00-0756	EA	3' Thuja occidentalis - American Arborvitae.....	24.98	
32 93 43 00-0757	EA	4' Thuja occidentalis - American Arborvitae.....	34.32	
32 93 43 00-0758	EA	5' Thuja occidentalis - American Arborvitae.....	47.79	
32 93 43 00-0759	EA	6' Thuja occidentalis - American Arborvitae.....	66.26	
32 93 43 00-0760	EA	7' Thuja occidentalis - American Arborvitae.....	80.38	
32 93 43 00-0761	EA	8' Thuja occidentalis - American Arborvitae.....	112.96	
32 93 43 00-0762	EA	2" Caliper Tilia americana & cvs - American Linden Basswood.....	118.07	
32 93 43 00-0763	EA	2-1/2" Caliper Tilia americana & cvs - American Linden Basswood.....	136.96	
32 93 43 00-0764	EA	3" Caliper Tilia americana & cvs - American Linden Basswood.....	174.74	
32 93 43 00-0765	EA	3-1/2" Caliper Tilia americana & cvs - American Linden Basswood.....	203.07	
32 93 43 00-0766	EA	4" Caliper Tilia americana & cvs - American Linden; Basswood.....	231.41	
32 93 43 00-0767	EA	4-1/2" Caliper Tilia americana & cvs - American Linden Basswood.....	259.74	
32 93 43 00-0768	EA	5" Caliper Tilia americana & cvs - American Linden Basswood.....	283.36	
32 93 43 00-0769	EA	10' Clump Form Tilia americana & cvs - American Linden Basswood.....	151.12	
32 93 43 00-0770	EA	12' Clump Form Tilia americana & cvs - American Linden Basswood.....	165.29	
32 93 43 00-0771	EA	14' Clump Form Tilia americana & cvs - American Linden Basswood.....	188.90	
32 93 43 00-0772	EA	16' Clump Form Tilia americana & cvs - American Linden Basswood.....	217.24	
32 93 43 00-0773	EA	2" Caliper Tilia cordata & cvs - Littleleaf Linden.....	118.77	
32 93 43 00-0774	EA	2-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden.....	143.47	
32 93 43 00-0775	EA	3" Caliper Tilia cordata & cvs - Littleleaf Linden.....	165.29	
32 93 43 00-0776	EA	3-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden.....	203.07	
32 93 43 00-0777	EA	4" Caliper Tilia cordata & cvs - Littleleaf Linden.....	231.41	
32 93 43 00-0778	EA	4-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden.....	259.74	
32 93 43 00-0779	EA	5" Caliper Tilia cordata & cvs - Littleleaf Linden.....	288.08	
32 93 43 00-0780	EA	2" Caliper Tilia tomentosa & cvs - Silver Linden.....	132.23	
32 93 43 00-0781	EA	2-1/2" Caliper Tilia tomentosa & cvs - Silver Linden.....	146.40	
32 93 43 00-0782	EA	3" Caliper Tilia tomentosa & cvs - Silver Linden.....	160.57	
32 93 43 00-0783	EA	3-1/2" Caliper Tilia tomentosa & cvs - Silver Linden.....	179.46	
32 93 43 00-0784	EA	4" Caliper Tilia tomentosa & cvs - Silver Linden.....	207.79	
32 93 43 00-0785	EA	4-1/2" Caliper Tilia tomentosa & cvs - Silver Linden.....	245.58	
32 93 43 00-0786	EA	5" Caliper Tilia tomentosa & cvs - Silver Linden.....	321.14	
32 93 43 00-0787	EA	2" Caliper Tilia x euchlora - Crimean Linden.....	132.23	
32 93 43 00-0788	EA	2-1/2" Caliper Tilia x euchlora - Crimean Linden.....	170.01	
32 93 43 00-0789	EA	3" Caliper Tilia x euchlora - Crimean Linden.....	207.79	
32 93 43 00-0790	EA	3-1/2" Caliper Tilia x euchlora - Crimean Linden.....	236.13	
32 93 43 00-0791	EA	4" Caliper Tilia x euchlora - Crimean Linden.....	264.47	
32 93 43 00-0792	EA	4-1/2" Caliper Tilia x euchlora - Crimean Linden.....	297.52	
32 93 43 00-0793	EA	5" Caliper Tilia x euchlora - Crimean Linden.....	321.14	
32 93 43 00-0794	EA	2" Caliper Ulmus x 'Homestead' - Homestead Hybrid Elm.....	132.23	
32 93 43 00-0795	EA	2-1/2" Caliper Ulmus x 'Homestead' - Homestead Hybrid Elm.....	151.12	
32 93 43 00-0796	EA	3" Caliper Ulmus x 'Homestead' - Homestead Hybrid Elm.....	165.29	
32 93 43 00-0797	EA	3-1/2" Caliper Ulmus x 'Homestead' - Homestead Hybrid Elm.....	179.46	
32 93 43 00-0798	EA	4" Caliper Ulmus x 'Homestead' - Homestead Hybrid Elm.....	198.35	
32 93 43 00-0799	EA	4-1/2" Caliper Ulmus x 'Homestead' - Homestead Hybrid Elm.....	236.13	
32 93 43 00-0800	EA	5" Caliper Ulmus x 'Homestead' - Homestead Hybrid Elm.....	278.63	
32 93 43 00-0801	EA	2" Caliper Ulmus x 'Pioneer' - Pioneer Hybrid Elm.....	151.12	
32 93 43 00-0802	EA	2-1/2" Caliper Ulmus x 'Pioneer' - Pioneer Hybrid Elm.....	165.29	
32 93 43 00-0803	EA	3" Caliper Ulmus x 'Pioneer' - Pioneer Hybrid Elm.....	179.46	
32 93 43 00-0804	EA	3-1/2" Caliper Ulmus x 'Pioneer' - Pioneer Hybrid Elm.....	198.35	
32 93 43 00-0805	EA	4" Caliper Ulmus x 'Pioneer' - Pioneer Hybrid Elm.....	236.13	
32 93 43 00-0806	EA	4-1/2" Caliper Ulmus x 'Pioneer' - Pioneer Hybrid Elm.....	278.63	
32 93 43 00-0807	EA	5" Caliper Ulmus x 'Pioneer' - Pioneer Hybrid Elm.....	321.14	
32 93 43 00-0808	EA	2" Caliper Ulmus x 'Regal' - Regal Hybrid Elm.....	151.12	
32 93 43 00-0809	EA	2-1/2" Mary-Louise Parker Ulmus x 'Regal' - Regal Hybrid Elm.....	165.29	
32 93 43 00-0810	EA	3" Caliper Ulmus x 'Regal' - Regal Hybrid Elm.....	179.46	
32 93 43 00-0811	EA	3-1/2" Caliper Ulmus x 'Regal' - Regal Hybrid Elm.....	198.35	
32 93 43 00-0812	EA	4" Caliper Ulmus x 'Regal' - Regal Hybrid Elm.....	236.13	
32 93 43 00-0813	EA	4-1/2" Caliper Ulmus x 'Regal' - Regal Hybrid Elm.....	278.63	
32 93 43 00-0814	EA	5" Caliper Ulmus x 'Regal' - Regal Hybrid Elm.....	321.14	
32 93 43 00-0815	EA	1-1/2" To 2" Caliper Zelkova serrata - Japanese Keaki Tree.....	73.09	
32 93 43 00-0816	EA	2" To 2-1/2" Caliper Zelkova serrata - Japanese Keaki Tree.....	89.54	
32 93 43 00-0817	EA	2-1/2" To 3" Caliper Zelkova serrata - Japanese Keaki Tree.....	113.44	

32 93 43 00-0818**Evergreen Trees** (32 93 43)

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0819	EA	6' Abies balsamea - Balsam Fir.....	115.49	
32 93 43 00-0820	EA	7' Abies balsamea - Balsam Fir.....	144.36	
32 93 43 00-0821	EA	8' Abies balsamea - Balsam Fir.....	173.23	
32 93 43 00-0822	EA	9' Abies balsamea - Balsam Fir.....	230.97	
32 93 43 00-0823	EA	10' Abies balsamea - Balsam Fir.....	288.72	
32 93 43 00-0824	EA	12' Abies balsamea - Balsam Fir.....	346.46	
32 93 43 00-0825	EA	6' Abies concolor - White Fir.....	167.46	
32 93 43 00-0826	EA	7' Abies concolor - White Fir.....	190.55	
32 93 43 00-0827	EA	8' Abies concolor - White Fir.....	225.20	
32 93 43 00-0828	EA	9' Abies concolor - White Fir.....	259.85	
32 93 43 00-0829	EA	10' Abies concolor - White Fir.....	306.04	
32 93 43 00-0830	EA	12' Abies concolor - White Fir.....	375.33	
32 93 43 00-0831	EA	14' Abies concolor - White Fir.....	461.95	
32 93 43 00-0832	EA	16' Abies concolor - White Fir.....	519.69	
32 93 43 00-0833	EA	6' Abies fraseri - Fraser Fir.....	115.49	
32 93 43 00-0834	EA	7' Abies fraseri - Fraser Fir.....	144.36	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0835	EA	8'	Abies fraseri - Frasier Fir.....	173.23	
32 93 43 00-0836	EA	9'	Abies fraseri - Frasier Fir.....	230.97	
32 93 43 00-0837	EA	10'	Abies fraseri - Frasier Fir.....	288.72	
32 93 43 00-0838	EA	12'	Abies fraseri - Frasier Fir.....	346.46	
32 93 43 00-0839	EA	2' To 3'	Cedrus atlantica - Blue Atlas Cedar.....	20.80	
32 93 43 00-0840	EA	3' To 4'	Cedrus atlantica - Blue Atlas Cedar.....	33.44	
32 93 43 00-0841	EA	4' To 5'	Cedrus atlantica - Blue Atlas Cedar.....	49.68	
32 93 43 00-0842	EA	5' To 6'	Cedrus atlantica - Blue Atlas Cedar.....	66.83	
32 93 43 00-0843	EA	7' To 8'	Cedrus atlantica - Blue Atlas Cedar.....	94.88	
32 93 43 00-0844	EA	6' To 8'	Cedrus deodara - Indian Cedar.....	85.85	
32 93 43 00-0845	EA	8' To 10'	Cedrus deodara - Indian Cedar.....	99.40	
32 93 43 00-0846	EA	10' To 12'	Cedrus deodara - Indian Cedar.....	135.53	
32 93 43 00-0847	EA	12' To 14'	Cedrus deodara - Indian Cedar.....	176.18	
32 93 43 00-0848	EA	14' To 16'	Cedrus deodara - Indian Cedar.....	225.90	
32 93 43 00-0849	EA	15" To 18"	Chamaecyparis obtusa - Compact Hinoki Cypress.....	26.84	
32 93 43 00-0850	EA	18" To 24"	Chamaecyparis obtusa - Compact Hinoki Cypress.....	40.26	
32 93 43 00-0851	EA	2' To 3'	Chamaecyparis obtusa - Compact Hinoki Cypress.....	62.62	
32 93 43 00-0852	EA	3' To 4'	Chamaecyparis obtusa - Compact Hinoki Cypress.....	107.35	
32 93 43 00-0853	EA	4' To 5'	Chamaecyparis pisifera - Sawara Cypress.....	32.53	
32 93 43 00-0854	EA	5' To 6'	Chamaecyparis pisifera - Sawara Cypress.....	50.63	
32 93 43 00-0855	EA	6' To 7'	Chamaecyparis pisifera - Sawara Cypress.....	63.23	
32 93 43 00-0856	EA	7' To 8'	Chamaecyparis pisifera - Sawara Cypress.....	90.37	
32 93 43 00-0857	EA	1	Gallon Cleypa japonica - Japanese Cleypa.....	3.66	
32 93 43 00-0858	EA	3	Gallon Cleypa japonica - Japanese Cleypa.....	9.18	
32 93 43 00-0859	EA	7	Gallon Cleypa japonica - Japanese Cleypa.....	26.30	
32 93 43 00-0860	EA	5	Gallon Cupressocyparis leylandii - Leyland Cypress.....	14.76	
32 93 43 00-0861	EA	15	Gallon Cupressocyparis leylandii - Leyland Cypress.....	59.06	
32 93 43 00-0862	EA	4' To 5'	Cupressocyparis leylandii - Leyland Cypress.....	25.84	
32 93 43 00-0863	EA	5' To 6'	Cupressocyparis leylandii - Leyland Cypress.....	33.22	
32 93 43 00-0864	EA	6' To 7'	Cupressocyparis leylandii - Leyland Cypress.....	51.68	
32 93 43 00-0865	EA	24"	Box Cupressocyparis leylandii - Leyland Cypress.....	125.50	
32 93 43 00-0866	EA	1	Gallon Cupressus macrocarpa - Monterey Cypress.....	2.69	
32 93 43 00-0867	EA	5	Gallon Cupressus macrocarpa - Monterey Cypress.....	12.12	
32 93 43 00-0868	EA	15	Gallon Cupressus macrocarpa - Monterey Cypress.....	40.39	
32 93 43 00-0869	EA	5	Gallon Cupressus sempervirens - Italian Cypress.....	13.90	
32 93 43 00-0870	EA	15	Gallon Cupressus sempervirens - Italian Cypress.....	38.21	
32 93 43 00-0871	EA	1	Gallon Illicium anisatum - Anise Tree.....	3.97	
32 93 43 00-0872	EA	3	Gallon Illicium anisatum - Anise Tree.....	9.18	
32 93 43 00-0873	EA	1	Gallon Juniperus horizontalis "Bar Harbor" - Bar Harbor Juniper.....	4.08	
32 93 43 00-0874	EA	2	Gallon Juniperus horizontalis "Bar Harbor" - Bar Harbor Juniper.....	7.99	
32 93 43 00-0875	EA	3	Gallon Juniperus horizontalis "Bar Harbor" - Bar Harbor Juniper.....	9.90	
32 93 43 00-0876	EA	5	Gallon Juniperus horizontalis "Bar Harbor" - Bar Harbor Juniper.....	11.64	
32 93 43 00-0877	EA	1	Gallon Juniperus - Blue Sargent Juniper.....	4.08	
32 93 43 00-0878	EA	2	Gallon Juniperus - Blue Sargent Juniper.....	7.99	
32 93 43 00-0879	EA	3	Gallon Juniperus - Blue Sargent Juniper.....	9.90	
32 93 43 00-0880	EA	5	Gallon Juniperus - Blue Sargent Juniper.....	11.64	
32 93 43 00-0881	EA	5	Gallon Juniperus - Compact Pfitzer Juniper.....	11.64	
32 93 43 00-0882	EA	15" To 18"	Juniperus - Compact Pfitzer Juniper.....	12.59	
32 93 43 00-0883	EA	18" To 24"	Juniperus - Compact Pfitzer Juniper.....	15.20	
32 93 43 00-0884	EA	2' To 2 1/2'	Juniperus - Compact Pfitzer Juniper.....	22.58	
32 93 43 00-0885	EA	2-1/2' To 3'	Juniperus - Compact Pfitzer Juniper.....	26.14	
32 93 43 00-0886	EA	5' To 6'	Juniperus - Fairview Juniper.....	38.94	
32 93 43 00-0887	EA	1	Gallon Juniperus - Hollywood Juniper.....	5.21	
32 93 43 00-0888	EA	5	Gallon Juniperus - Hollywood Juniper.....	14.50	
32 93 43 00-0889	EA	15	Gallon Juniperus - Hollywood Juniper.....	61.49	
32 93 43 00-0890	EA	4' To 5'	Juniperus - Hollywood Juniper.....	40.65	
32 93 43 00-0891	EA	5' To 6'	Juniperus - Hollywood Juniper.....	52.37	
32 93 43 00-0892	EA	1	Gallon Juniperus - Parson's Juniper.....	4.08	
32 93 43 00-0893	EA	2	Gallon Juniperus - Parson's Juniper.....	8.08	
32 93 43 00-0894	EA	3	Gallon Juniperus - Parson's Juniper.....	9.99	
32 93 43 00-0895	EA	5	Gallon Juniperus - Parson's Juniper.....	11.81	
32 93 43 00-0896	EA	5	Gallon Juniperus - Skyrocket Juniper.....	14.59	
32 93 43 00-0897	EA	15	Gallon Juniperus - Skyrocket Juniper.....	62.10	
32 93 43 00-0898	EA	2' To 3'	Juniperus - Skyrocket Juniper.....	21.89	
32 93 43 00-0899	EA	3' To 4'	Juniperus - Skyrocket Juniper.....	31.01	
32 93 43 00-0900	EA	4' To 5'	Juniperus - Skyrocket Juniper.....	41.08	
32 93 43 00-0901	EA	5' To 6'	Juniperus - Skyrocket Juniper.....	52.98	
32 93 43 00-0902	EA	6' To 8'	Juniperus - Skyrocket Juniper.....	68.44	
32 93 43 00-0903	EA	1	Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper.....	4.08	
32 93 43 00-0904	EA	2	Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper.....	8.03	
32 93 43 00-0905	EA	3	Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper.....	9.86	
32 93 43 00-0906	EA	5	Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper.....	11.68	
32 93 43 00-0907	EA	1	Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper.....	4.08	
32 93 43 00-0908	EA	2	Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper.....	8.03	
32 93 43 00-0909	EA	3	Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper.....	9.86	
32 93 43 00-0910	EA	5	Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper.....	11.68	
32 93 43 00-0911	EA	2' To 3'	Juniperus virginiana - Eastern Red Cedar.....	21.89	
32 93 43 00-0912	EA	3' To 4'	Juniperus virginiana - Eastern Red Cedar.....	31.01	
32 93 43 00-0913	EA	4' To 5'	Juniperus virginiana - Eastern Red Cedar.....	41.08	
32 93 43 00-0914	EA	5' To 6'	Juniperus virginiana - Eastern Red Cedar.....	52.98	
32 93 43 00-0915	EA	5'	Picea abies & cvs - Norway Spruce.....	127.04	
32 93 43 00-0916	EA	6'	Picea abies & cvs - Norway Spruce.....	144.36	
32 93 43 00-0917	EA	7'	Picea abies & cvs - Norway Spruce.....	173.23	
32 93 43 00-0918	EA	8'	Picea abies & cvs - Norway Spruce.....	202.10	
32 93 43 00-0919	EA	9'	Picea abies & cvs - Norway Spruce.....	271.39	

32 Exterior Improvements**32 90 Planting****32 93 Plants**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0920	EA	10'	Picea abies & cvs - Norway Spruce	329.14	
32 93 43 00-0921	EA	12'	Picea abies & cvs - Norway Spruce	404.20	
32 93 43 00-0922	EA	14'	Picea abies & cvs - Norway Spruce	490.82	
32 93 43 00-0923	EA	6'	Picea glauca - White Spruce	121.26	
32 93 43 00-0924	EA	7'	Picea glauca - White Spruce	173.23	
32 93 43 00-0925	EA	8'	Picea glauca - White Spruce	202.10	
32 93 43 00-0926	EA	9'	Picea glauca - White Spruce	242.52	
32 93 43 00-0927	EA	10'	Picea glauca - White Spruce	288.72	
32 93 43 00-0928	EA	12'	Picea glauca - White Spruce	346.46	
32 93 43 00-0929	EA	4'	Picea glauca densata - Black Hills Spruce	69.29	
32 93 43 00-0930	EA	5'	Picea glauca densata - Black Hills Spruce	103.94	
32 93 43 00-0931	EA	6'	Picea glauca densata - Black Hills Spruce	155.91	
32 93 43 00-0932	EA	7'	Picea glauca densata - Black Hills Spruce	184.78	
32 93 43 00-0933	EA	8'	Picea glauca densata - Black Hills Spruce	213.65	
32 93 43 00-0934	EA	9'	Picea glauca densata - Black Hills Spruce	236.75	
32 93 43 00-0935	EA	10'	Picea glauca densata - Black Hills Spruce	259.85	
32 93 43 00-0936	EA	6'	Picea omorika & cvs - Serbian Spruce	155.91	
32 93 43 00-0937	EA	7'	Picea omorika & cvs - Serbian Spruce	173.23	
32 93 43 00-0938	EA	8'	Picea omorika & cvs - Serbian Spruce	207.88	
32 93 43 00-0939	EA	9'	Picea omorika & cvs - Serbian Spruce	242.52	
32 93 43 00-0940	EA	10'	Picea omorika & cvs - Serbian Spruce	277.17	
32 93 43 00-0941	EA	5'	Picea pungens - Colorado Green Spruce	127.04	
32 93 43 00-0942	EA	6'	Picea pungens - Colorado Green Spruce	161.68	
32 93 43 00-0943	EA	7'	Picea pungens - Colorado Green Spruce	190.55	
32 93 43 00-0944	EA	8'	Picea pungens - Colorado Green Spruce	219.43	
32 93 43 00-0945	EA	9'	Picea pungens - Colorado Green Spruce	254.07	
32 93 43 00-0946	EA	10'	Picea pungens - Colorado Green Spruce	479.27	
32 93 43 00-0947	EA	12'	Picea pungens - Colorado Green Spruce	346.46	
32 93 43 00-0948	EA	14'	Picea pungens - Colorado Green Spruce	404.20	
32 93 43 00-0949	EA	16'	Picea pungens - Colorado Green Spruce	519.69	
32 93 43 00-0950	EA	5'	Picea pungens glauca & cvs - Colorado Blue Spruce	127.04	
32 93 43 00-0951	EA	6'	Picea pungens glauca & cvs - Colorado Blue Spruce	173.23	
32 93 43 00-0952	EA	7'	Picea pungens glauca & cvs - Colorado Blue Spruce	202.10	
32 93 43 00-0953	EA	8'	Picea pungens glauca & cvs - Colorado Blue Spruce	230.97	
32 93 43 00-0954	EA	9'	Picea pungens glauca & cvs - Colorado Blue Spruce	259.85	
32 93 43 00-0955	EA	10'	Picea pungens glauca & cvs - Colorado Blue Spruce	317.59	
32 93 43 00-0956	EA	12'	Picea pungens glauca & cvs - Colorado Blue Spruce	404.20	
32 93 43 00-0957	EA	16'	Picea pungens glauca & cvs - Colorado Blue Spruce	606.31	
32 93 43 00-0958	EA	4'	Pinus cembra - Swiss Stone Pine	98.16	
32 93 43 00-0959	EA	5'	Pinus cembra - Swiss Stone Pine	121.26	
32 93 43 00-0960	EA	6'	Pinus cembra - Swiss Stone Pine	150.13	
32 93 43 00-0961	EA	6'	Pinus flexilis & cvs - Limber Pine	144.36	
32 93 43 00-0962	EA	7'	Pinus flexilis & cvs - Limber Pine	167.46	
32 93 43 00-0963	EA	8'	Pinus flexilis & cvs - Limber Pine	207.88	
32 93 43 00-0964	EA	9'	Pinus flexilis & cvs - Limber Pine	254.07	
32 93 43 00-0965	EA	10'	Pinus flexilis & cvs - Limber Pine	288.72	
32 93 43 00-0966	EA	1	Gallon Pinus mugo - Mugho Pine	5.38	
32 93 43 00-0967	EA	2	Gallon Pinus mugo - Mugho Pine	11.38	
32 93 43 00-0968	EA	3	Gallon Pinus mugo - Mugho Pine	14.24	
32 93 43 00-0969	EA	5	Gallon Pinus mugo - Mugho Pine	18.06	
32 93 43 00-0970	EA	12"	To 15" Spread Pinus mugo - Mugho Pine	13.98	
32 93 43 00-0971	EA	15"	To 18" Spread Pinus mugo - Mugho Pine	16.68	
32 93 43 00-0972	EA	18"	To 24" Spread Pinus mugo - Mugho Pine	22.58	
32 93 43 00-0973	EA	2'	To 2-1/2' Spread Pinus mugo - Mugho Pine	31.61	
32 93 43 00-0974	EA	2-1/2'	To 3' Spread Pinus mugo - Mugho Pine	40.65	
32 93 43 00-0975	EA	3'	To 3-1/2' Spread Pinus mugo - Mugho Pine	50.63	
32 93 43 00-0976	EA	3-1/2'	To 4' Spread Pinus mugo - Mugho Pine	61.49	
32 93 43 00-0977	EA	6'	Pinus nigra - Austrian Pine	144.36	
32 93 43 00-0978	EA	7'	Pinus nigra - Austrian Pine	173.23	
32 93 43 00-0979	EA	8'	Pinus nigra - Austrian Pine	225.20	
32 93 43 00-0980	EA	9'	Pinus nigra - Austrian Pine	259.85	
32 93 43 00-0981	EA	10'	Pinus nigra - Austrian Pine	306.04	
32 93 43 00-0982	EA	12'	Pinus nigra - Austrian Pine	346.46	
32 93 43 00-0983	EA	14'	Pinus nigra - Austrian Pine	386.88	
32 93 43 00-0984	EA	16'	Pinus nigra - Austrian Pine	438.85	
32 93 43 00-0985	EA	5'	Pinus peuce - Macedonian Pine	179.00	
32 93 43 00-0986	EA	6'	Pinus peuce - Macedonian Pine	225.20	
32 93 43 00-0987	EA	7'	Pinus peuce - Macedonian Pine	259.85	
32 93 43 00-0988	EA	8'	Pinus peuce - Macedonian Pine	294.49	
32 93 43 00-0989	EA	9'	Pinus peuce - Macedonian Pine	340.69	
32 93 43 00-0990	EA	2'	Pinus strobus - Pyramidal White Pine	15.99	
32 93 43 00-0991	EA	3'	Pinus strobus - Pyramidal White Pine	21.37	
32 93 43 00-0992	EA	4'	Pinus strobus - Pyramidal White Pine	23.57	
32 93 43 00-0993	EA	5'	Pinus strobus - Pyramidal White Pine	25.78	
32 93 43 00-0994	EA	6'	Pinus strobus - Pyramidal White Pine	32.12	
32 93 43 00-0995	EA	7'	Pinus strobus - Pyramidal White Pine	42.74	
32 93 43 00-0996	EA	8'	Pinus strobus - Pyramidal White Pine	58.73	
32 93 43 00-0997	EA	10'	Pinus strobus - Pyramidal White Pine	117.18	
32 93 43 00-0998	EA	12'	Pinus strobus - Pyramidal White Pine	278.47	
32 93 43 00-0999	EA	14'	Pinus strobus - Pyramidal White Pine	373.59	
32 93 43 00-1000	EA	16'	Pinus strobus - Pyramidal White Pine	449.41	
32 93 43 00-1001	EA	2'	Pinus strobus - White Pine	24.57	
32 93 43 00-1002	EA	3'	Pinus strobus - White Pine	35.06	
32 93 43 00-1003	EA	4'	Pinus strobus - White Pine	55.91	
32 93 43 00-1004	EA	5'	Pinus strobus - White Pine	79.69	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 93 43 00-1005	EA	6'	Pinus strobus - White Pine	116.87	
32 93 43 00-1006	EA	7'	Pinus strobus - White Pine	139.45	
32 93 43 00-1007	EA	8'	Pinus strobus - White Pine	188.59	
32 93 43 00-1008	EA	10'	Pinus strobus - White Pine	253.67	
32 93 43 00-1009	EA	12'	Pinus strobus - White Pine	336.01	
32 93 43 00-1010	EA	14'	Pinus strobus - White Pine	411.71	
32 93 43 00-1011	EA	16'	Pinus strobus - White Pine	500.69	
32 93 43 00-1012	EA	3'	Pinus sylvestris - Scotch Pine	37.94	
32 93 43 00-1013	EA	4'	Pinus sylvestris - Scotch Pine	52.66	
32 93 43 00-1014	EA	5'	Pinus sylvestris - Scotch Pine	73.91	
32 93 43 00-1015	EA	6'	Pinus sylvestris - Scotch Pine	102.55	
32 93 43 00-1016	EA	7'	Pinus sylvestris - Scotch Pine	125.65	
32 93 43 00-1017	EA	8'	Pinus sylvestris - Scotch Pine	177.39	
32 93 43 00-1018	EA	9'	Pinus sylvestris - Scotch Pine	225.20	
32 93 43 00-1019	EA	10'	Pinus sylvestris - Scotch Pine	259.85	
32 93 43 00-1020	EA	12'	Pinus sylvestris - Scotch Pine	306.04	
32 93 43 00-1021	EA	14'	Pinus sylvestris - Scotch Pine	346.46	
32 93 43 00-1022	EA	16'	Pinus sylvestris - Scotch Pine	404.20	
32 93 43 00-1023	EA	5' To 6'	Pinus taeda - Loblolly Pine	16.51	
32 93 43 00-1024	EA	1	Gallon Pinus thunbergiana - Japanese Black Pine	4.08	
32 93 43 00-1025	EA	5	Gallon Pinus thunbergiana - Japanese Black Pine	14.50	
32 93 43 00-1026	EA	15	Gallon Pinus thunbergiana - Japanese Black Pine	46.99	
32 93 43 00-1027	EA	2' To 3'	Pinus thunbergiana - Japanese Black Pine	19.89	
32 93 43 00-1028	EA	3' To 4'	Pinus thunbergiana - Japanese Black Pine	25.27	
32 93 43 00-1029	EA	4' To 5'	Pinus thunbergiana - Japanese Black Pine	37.95	
32 93 43 00-1030	EA	5' To 6'	Pinus thunbergiana - Japanese Black Pine	74.08	
32 93 43 00-1031	EA	6' To 7'	Pinus thunbergiana - Japanese Black Pine	83.12	
32 93 43 00-1032	EA	7' To 8'	Pinus thunbergiana - Japanese Black Pine	103.87	
32 93 43 00-1033	EA	1	Gallon Podocarpus - Chinese Podocarpus	2.69	
32 93 43 00-1034	EA	3	Gallon Podocarpus - Chinese Podocarpus	6.25	
32 93 43 00-1035	EA	7	Gallon Podocarpus - Chinese Podocarpus	18.06	
32 93 43 00-1036	EA	15	Gallon Podocarpus - Chinese Podocarpus	29.36	
32 93 43 00-1037	EA	4' To 5'	Podocarpus - Chinese Podocarpus	45.16	
32 93 43 00-1038	EA	5'	Pseudotsuga menziesii - Douglas Fir	115.49	
32 93 43 00-1039	EA	6'	Pseudotsuga menziesii - Douglas Fir	138.58	
32 93 43 00-1040	EA	7'	Pseudotsuga menziesii - Douglas Fir	173.23	
32 93 43 00-1041	EA	8'	Pseudotsuga menziesii - Douglas Fir	207.88	
32 93 43 00-1042	EA	9'	Pseudotsuga menziesii - Douglas Fir	259.85	
32 93 43 00-1043	EA	10'	Pseudotsuga menziesii - Douglas Fir	306.04	
32 93 43 00-1044	EA	12'	Pseudotsuga menziesii - Douglas Fir	346.46	
32 93 43 00-1045	EA	5' To 6'	Sequoia sempervirens - Dawn Redwood	56.45	
32 93 43 00-1046	EA	6' To 8'	Sequoia sempervirens - Dawn Redwood	76.21	
32 93 43 00-1047	EA	8' To 10'	Sequoia sempervirens - Dawn Redwood	93.15	
32 93 43 00-1048	EA	5' To 6'	Taxodium distichum & cvs - Bald Cypress	40.12	
32 93 43 00-1049	EA	6' To 7'	Taxodium distichum & cvs - Bald Cypress	50.16	
32 93 43 00-1050	EA	7' To 8'	Taxodium distichum & cvs - Bald Cypress	62.01	
32 93 43 00-1051	EA	8' To 10'	Taxodium distichum & cvs - Bald Cypress	78.47	
32 93 43 00-1052	EA	6'	Tsuga canadensis - Northern Hemlock	115.49	
32 93 43 00-1053	EA	7'	Tsuga canadensis - Northern Hemlock	144.36	
32 93 43 00-1054	EA	8'	Tsuga canadensis - Northern Hemlock	196.33	
32 93 43 00-1055	EA	9'	Tsuga canadensis - Northern Hemlock	230.97	
32 93 43 00-1056	EA	10'	Tsuga canadensis - Northern Hemlock	259.85	
32 93 43 00-1057	EA	12'	Tsuga canadensis - Northern Hemlock	288.72	
32 93 43 00-1058	EA	3' To 4'	Thuja occidentalis 'Wareana' - Siberian Arborvitae	10.88	
32 93 43 00-1059	EA	3' To 4'	Thuja occidentalis 'Woodwardii' - Woodward Arborvitae	21.35	

32 93 43 00-1060

Palm And Subtropical Trees (32 93 43)

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-1061	EA	4' To 5'	Archontophoenix cunninghamiana - King Palm	93.23	
32 93 43 00-1062	EA	6' To 8'	Archontophoenix cunninghamiana - King Palm	145.02	
32 93 43 00-1063	EA	8' To 10'	Archontophoenix cunninghamiana - King Palm	186.46	
32 93 43 00-1064	EA	10' To 12'	Archontophoenix cunninghamiana - King Palm	248.61	
32 93 43 00-1065	EA	4' To 5'	Arecastrum romanzoffianum - Queen Palm	70.63	
32 93 43 00-1066	EA	6' To 8'	Arecastrum romanzoffianum - Queen Palm	98.88	
32 93 43 00-1067	EA	8' To 10'	Arecastrum romanzoffianum - Queen Palm	127.13	
32 93 43 00-1068	EA	10' To 12'	Arecastrum romanzoffianum - Queen Palm	155.38	
32 93 43 00-1069	EA	12' To 14'	Arecastrum romanzoffianum - Queen Palm	188.34	
32 93 43 00-1070	EA	14' To 16'	Arecastrum romanzoffianum - Queen Palm	235.42	
32 93 43 00-1071	EA	3' To 4'	Chamaedorea radicalis - Dwarf Bamboo Palm	197.76	
32 93 43 00-1072	EA	5' To 6'	Chamaedorea radicalis - Dwarf Bamboo Palm	310.76	
32 93 43 00-1073	EA	3' To 4'	Chamaerops humilis - European Fan Palm	169.51	
32 93 43 00-1074	EA	5' To 6'	Chamaerops humilis - European Fan Palm	226.01	
32 93 43 00-1075	EA	7' To 8'	Chamaerops humilis - European Fan Palm	527.35	
32 93 43 00-1076	EA	9' To 10'	Chamaerops humilis - European Fan Palm	904.03	
32 93 43 00-1077	EA	6' To 7'	Cocos nucifera 'Jamaican Maypan' - Maypan Coconut	131.84	
32 93 43 00-1078	EA	8' To 10'	Cocos nucifera 'Jamaican Maypan' - Maypan Coconut	263.68	
32 93 43 00-1079	EA	10' To 12'	Cocos nucifera 'Jamaican Maypan' - Maypan Coconut	339.01	
32 93 43 00-1080	EA	12' To 14'	Cocos nucifera 'Jamaican Maypan' - Maypan Coconut	470.85	
32 93 43 00-1081	EA	12' To 16'	Cocos nucifera - Coconut Palm	397.15	
32 93 43 00-1082	EA	4' To 5'	Rhapis excelsa - Lady Palm	357.85	
32 93 43 00-1083	EA	6' To 7'	Rhapis excelsa - Lady Palm	508.52	
32 93 43 00-1084	EA	8' To 9'	Roystonea regia - Royal Palm	288.16	
32 93 43 00-1085	EA	10' To 11'	Roystonea regia - Royal Palm	352.20	
32 93 43 00-1086	EA	12' To 13'	Roystonea regia - Royal Palm	416.23	

32 Exterior Improvements**32 90 Planting****32 93 Plants**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 93 43 00-1087	EA	14' To 15' Roystonea regia - Royal Palm.....	480.27
32 93 43 00-1088	EA	16' To 17' Roystonea regia - Royal Palm.....	544.30
32 93 43 00-1089	EA	18' To 19' Roystonea regia - Royal Palm.....	608.34
32 93 43 00-1090	EA	20' To 21' Roystonea regia - Royal Palm.....	672.37
32 93 43 00-1091	EA	10' To 16' Sabal palmetto - Cabbage Palm.....	145.63
32 93 43 00-1092	EA	6' To 7' Thrinax morrisii - Key Thatch Palm.....	395.51
32 93 43 00-1093	EA	8' To 9' Thrinax morrisii - Key Thatch Palm.....	508.52
32 93 43 00-1094	EA	10' To 11' Thrinax morrisii - Key Thatch Palm.....	621.52

32 93 83 Planting of Trees, Shrubs and Ground Cover (32 93)

Note: Includes moving plant(s) from truck or staging site to planting site, excavation of hole, placing plant in hole, backfill and compaction. Use appropriate gallon, height or caliper size to match with description from plant section.

32 93 83 00-0001 Planting Trees (32 93 83)

Note: Excludes mulch. See CSI section 32 91 13 16-0001 for mulch.

32 93 83 00-0002	EA	3" To 5" Bare Root Seedlings Tree Planting.....	1.28
32 93 83 00-0003	EA	6" To 10" Bare Root Seedlings Tree Planting.....	2.06
32 93 83 00-0004	EA	11" To 16" Bare Root Seedlings Tree Planting.....	2.57
32 93 83 00-0005	EA	17" To 24" Bare Root Seedlings Tree Planting.....	4.11
32 93 83 00-0006	EA	1 Gallon Container Tree Planting.....	20.55
		<i>For >10 To 25, Deduct</i>	-1.03
		<i>For >25 To 50, Deduct</i>	-2.57
		<i>For >50 To 100, Deduct</i>	-4.11
		<i>For >100, Deduct</i>	-6.17
32 93 83 00-0007	EA	2 Gallon Container Tree Planting.....	28.77
		<i>For >10 To 25, Deduct</i>	-1.44
		<i>For >25 To 50, Deduct</i>	-3.60
		<i>For >50 To 100, Deduct</i>	-5.75
		<i>For >100, Deduct</i>	-8.63
32 93 83 00-0008	EA	3 Gallon Container Tree Planting.....	36.99
		<i>For >10 To 25, Deduct</i>	-1.85
		<i>For >25 To 50, Deduct</i>	-4.62
		<i>For >50 To 100, Deduct</i>	-7.40
		<i>For >100, Deduct</i>	-11.10
32 93 83 00-0009	EA	5 Gallon Container Tree Planting.....	61.65
		<i>For >10 To 25, Deduct</i>	-3.08
		<i>For >25 To 50, Deduct</i>	-7.71
		<i>For >50 To 100, Deduct</i>	-12.33
		<i>For >100, Deduct</i>	-18.50
32 93 83 00-0010	EA	7 Gallon Container Tree Planting.....	82.19
		<i>For >10 To 25, Deduct</i>	-4.11
		<i>For >25 To 50, Deduct</i>	-10.27
		<i>For >50 To 100, Deduct</i>	-16.44
		<i>For >100, Deduct</i>	-24.66
32 93 83 00-0011	EA	10 Gallon Container Tree Planting.....	106.86
		<i>For >10 To 25, Deduct</i>	-5.34
		<i>For >25 To 50, Deduct</i>	-13.36
		<i>For >50 To 100, Deduct</i>	-21.37
		<i>For >100, Deduct</i>	-32.06
32 93 83 00-0012	EA	15 Gallon Container Tree Planting.....	152.06
		<i>For >10 To 25, Deduct</i>	-7.60
		<i>For >25 To 50, Deduct</i>	-19.01
		<i>For >50 To 100, Deduct</i>	-30.41
		<i>For >100, Deduct</i>	-45.62
32 93 83 00-0013	EA	20 Gallon Container Tree Planting.....	250.70
		<i>For >10 To 25, Deduct</i>	-12.54
		<i>For >25 To 50, Deduct</i>	-31.34
		<i>For >50 To 100, Deduct</i>	-50.14
		<i>For >100, Deduct</i>	-75.21
32 93 83 00-0014	EA	25 Gallon Container Tree Planting.....	324.67
		<i>For >10 To 25, Deduct</i>	-16.23
		<i>For >25 To 50, Deduct</i>	-40.58
		<i>For >50 To 100, Deduct</i>	-64.93
		<i>For >100, Deduct</i>	-97.40
32 93 83 00-0015	EA	30 Gallon Container Tree Planting.....	390.43
		<i>For >10 To 25, Deduct</i>	-19.52
		<i>For >25 To 50, Deduct</i>	-48.80
		<i>For >50 To 100, Deduct</i>	-78.09
		<i>For >100, Deduct</i>	-117.13
32 93 83 00-0016	EA	45 Gallon Container Tree Planting.....	484.96
		<i>For >10 To 25, Deduct</i>	-24.25
		<i>For >25 To 50, Deduct</i>	-60.62
		<i>For >50 To 100, Deduct</i>	-96.99
		<i>For >100, Deduct</i>	-145.49
32 93 83 00-0017	EA	65 Gallon Container Tree Planting.....	575.37
		<i>For >10 To 25, Deduct</i>	-28.77
		<i>For >25 To 50, Deduct</i>	-71.92
		<i>For >50 To 100, Deduct</i>	-115.07
		<i>For >100, Deduct</i>	-172.61
32 93 83 00-0018	EA	6' Balled And Burlapped Tree Planting.....	205.49
		<i>For >10 To 25, Deduct</i>	-10.27
		<i>For >25 To 50, Deduct</i>	-25.69
		<i>For >50 To 100, Deduct</i>	-41.10
		<i>For >100, Deduct</i>	-61.65
32 93 83 00-0019	EA	7' Balled And Burlapped Tree Planting.....	273.72
		<i>For >10 To 25, Deduct</i>	-13.69
		<i>For >25 To 50, Deduct</i>	-34.22
		<i>For >50 To 100, Deduct</i>	-54.74
		<i>For >100, Deduct</i>	-82.12

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 93 83 00-0020	EA	8'	Balled And Burlapped Tree Planting	308.24	
			<i>For >10 To 25, Deduct</i>	-15.41	
			<i>For >25 To 50, Deduct</i>	-38.53	
			<i>For >50 To 100, Deduct</i>	-61.65	
			<i>For >100, Deduct</i>	-92.47	
32 93 83 00-0021	EA	10'	Balled And Burlapped Tree Planting	359.61	
			<i>For >10 To 25, Deduct</i>	-17.98	
			<i>For >25 To 50, Deduct</i>	-44.95	
			<i>For >50 To 100, Deduct</i>	-71.92	
			<i>For >100, Deduct</i>	-107.88	
32 93 83 00-0022	EA	12'	Balled And Burlapped Tree Planting	480.85	
			<i>For >10 To 25, Deduct</i>	-24.04	
			<i>For >25 To 50, Deduct</i>	-60.11	
			<i>For >50 To 100, Deduct</i>	-96.17	
			<i>For >100, Deduct</i>	-144.26	
32 93 83 00-0023	EA	14'	Balled And Burlapped Tree Planting	550.72	
			<i>For >10 To 25, Deduct</i>	-27.54	
			<i>For >25 To 50, Deduct</i>	-68.84	
			<i>For >50 To 100, Deduct</i>	-110.14	
			<i>For >100, Deduct</i>	-165.22	
32 93 83 00-0024	EA	16'	Balled And Burlapped Tree Planting	667.85	
			<i>For >10 To 25, Deduct</i>	-33.39	
			<i>For >25 To 50, Deduct</i>	-83.48	
			<i>For >50 To 100, Deduct</i>	-133.57	
			<i>For >100, Deduct</i>	-200.36	
32 93 83 00-0025	EA	18'	Balled And Burlapped Tree Planting	801.42	
			<i>For >10 To 25, Deduct</i>	-40.07	
			<i>For >25 To 50, Deduct</i>	-100.18	
			<i>For >50 To 100, Deduct</i>	-160.28	
			<i>For >100, Deduct</i>	-240.43	
32 93 83 00-0026	EA	20'	Balled And Burlapped Tree Planting	924.71	
			<i>For >10 To 25, Deduct</i>	-46.24	
			<i>For >25 To 50, Deduct</i>	-115.59	
			<i>For >50 To 100, Deduct</i>	-184.94	
			<i>For >100, Deduct</i>	-277.41	
32 93 83 00-0027	EA	1-1/2"	Caliper Balled And Burlapped Tree Planting	308.24	
			<i>For >10 To 25, Deduct</i>	-15.41	
			<i>For >25 To 50, Deduct</i>	-38.53	
			<i>For >50 To 100, Deduct</i>	-61.65	
			<i>For >100, Deduct</i>	-92.47	
32 93 83 00-0028	EA	2"	Caliper Balled And Burlapped Tree Planting	359.61	
			<i>For >10 To 25, Deduct</i>	-17.98	
			<i>For >25 To 50, Deduct</i>	-44.95	
			<i>For >50 To 100, Deduct</i>	-71.92	
			<i>For >100, Deduct</i>	-107.88	
32 93 83 00-0029	EA	2-1/2"	Caliper Balled And Burlapped Tree Planting	482.91	
			<i>For >10 To 25, Deduct</i>	-24.15	
			<i>For >25 To 50, Deduct</i>	-60.36	
			<i>For >50 To 100, Deduct</i>	-96.58	
			<i>For >100, Deduct</i>	-144.87	
32 93 83 00-0030	EA	3"	Caliper Balled And Burlapped Tree Planting	554.82	
			<i>For >10 To 25, Deduct</i>	-27.74	
			<i>For >25 To 50, Deduct</i>	-69.35	
			<i>For >50 To 100, Deduct</i>	-110.96	
			<i>For >100, Deduct</i>	-166.45	
32 93 83 00-0031	EA	3-1/2"	Caliper Balled And Burlapped Tree Planting	616.47	
			<i>For >10 To 25, Deduct</i>	-30.82	
			<i>For >25 To 50, Deduct</i>	-77.06	
			<i>For >50 To 100, Deduct</i>	-123.29	
			<i>For >100, Deduct</i>	-184.94	
32 93 83 00-0032	EA	4"	Caliper Balled And Burlapped Tree Planting	706.88	
			<i>For >10 To 25, Deduct</i>	-35.34	
			<i>For >25 To 50, Deduct</i>	-88.36	
			<i>For >50 To 100, Deduct</i>	-141.38	
			<i>For >100, Deduct</i>	-212.06	

32 93 83 00-0033 Tree Pits (32 93 83)

Note: Costs given show the tree pit size accommodates the soil ball and the type of soil excavated includes excavation, bank run sand and gravel fill for drainage, imported mix planting soil, hand backfill, perforated drainage pipe for watering, and drainage fabric. Includes one layer of woven fabric to be applied before mulch is spread. Excludes additional soil conditioners or mulch.

32 93 83 00-0034	EA	2' x 1-1/4'	Deep Tree Pit	139.03	
32 93 83 00-0035	EA	2' x 2-1/2'	Deep Tree Pit	208.51	
32 93 83 00-0036	EA	2-1/2' x 1-1/2'	Deep Tree Pit	267.31	
32 93 83 00-0037	EA	2-1/2' x 3'	Deep Tree Pit	400.90	
32 93 83 00-0038	EA	3' x 1-3/4'	Deep Tree Pit	416.35	
32 93 83 00-0039	EA	3' x 3-1/2'	Deep Tree Pit	621.79	
32 93 83 00-0040	EA	3-1/2' x 1-3/4'	Deep Tree Pit	512.40	
32 93 83 00-0041	EA	3-1/2' x 3-1/2'	Deep Tree Pit	767.71	
32 93 83 00-0042	EA	4' x 2'	Deep Tree Pit	613.37	
32 93 83 00-0043	EA	4' x 4'	Deep Tree Pit	919.63	
32 93 83 00-0044	EA	4-1/2' x 2'	Deep Tree Pit	886.82	
32 93 83 00-0045	EA	4-1/2' x 4'	Deep Tree Pit	1,332.42	
32 93 83 00-0046	EA	5' x 2-1/4'	Deep Tree Pit	1,179.48	
32 93 83 00-0047	EA	5' x 4-1/2'	Deep Tree Pit	1,758.86	
32 93 83 00-0048	EA	6' x 2-1/2'	Deep Tree Pit	1,672.58	
32 93 83 00-0049	EA	6' x 5'	Deep Tree Pit	2,505.75	
32 93 83 00-0050	EA	7' x 3'	Deep Tree Pit	2,820.03	
32 93 83 00-0051	EA	7' x 6'	Deep Tree Pit	4,248.93	

32 Exterior Improvements**32 90 Planting****32 93 Plants**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 93 83 00-0052	EA	8' x 3-1/4' Deep Tree Pit	3,886.63
32 93 83 00-0053	EA	8' x 6-1/2' Deep Tree Pit	5,827.88

32 93 83 00-0054**Planting Shrubs** (32 93 83)

Note: Excludes mulch. See CSI section 32 91 13 16-0001 for mulch.

32 93 83 00-0055	EA	1 Gallon Container Shrub Planting	17.48
		<i>For >10 To 25, Deduct</i>	-0.87
		<i>For >25 To 50, Deduct</i>	-2.19
		<i>For >50 To 100, Deduct</i>	-3.50
		<i>For >100, Deduct</i>	-5.24
32 93 83 00-0056	EA	2 Gallon Container Shrub Planting	24.65
		<i>For >10 To 25, Deduct</i>	-1.23
		<i>For >25 To 50, Deduct</i>	-3.08
		<i>For >50 To 100, Deduct</i>	-4.93
		<i>For >100, Deduct</i>	-7.40
32 93 83 00-0057	EA	3 Gallon Container Shrub Planting	30.83
		<i>For >10 To 25, Deduct</i>	-1.54
		<i>For >25 To 50, Deduct</i>	-3.85
		<i>For >50 To 100, Deduct</i>	-6.17
		<i>For >100, Deduct</i>	-9.25
32 93 83 00-0058	EA	4 Gallon Container Shrub Planting	41.10
		<i>For >10 To 25, Deduct</i>	-2.06
		<i>For >25 To 50, Deduct</i>	-5.14
		<i>For >50 To 100, Deduct</i>	-8.22
		<i>For >100, Deduct</i>	-12.33
32 93 83 00-0059	EA	5 Gallon Container Shrub Planting	51.38
		<i>For >10 To 25, Deduct</i>	-2.57
		<i>For >25 To 50, Deduct</i>	-6.42
		<i>For >50 To 100, Deduct</i>	-10.28
		<i>For >100, Deduct</i>	-15.41
32 93 83 00-0060	EA	7 Gallon Container Shrub Planting	69.87
		<i>For >10 To 25, Deduct</i>	-3.49
		<i>For >25 To 50, Deduct</i>	-8.73
		<i>For >50 To 100, Deduct</i>	-13.97
		<i>For >100, Deduct</i>	-20.96
32 93 83 00-0061	EA	10 Gallon Container Shrub Planting	92.47
		<i>For >10 To 25, Deduct</i>	-4.62
		<i>For >25 To 50, Deduct</i>	-11.56
		<i>For >50 To 100, Deduct</i>	-18.49
		<i>For >100, Deduct</i>	-27.74
32 93 83 00-0062	EA	15 Gallon Container Shrub Planting	127.41
		<i>For >10 To 25, Deduct</i>	-6.37
		<i>For >25 To 50, Deduct</i>	-15.93
		<i>For >50 To 100, Deduct</i>	-25.48
		<i>For >100, Deduct</i>	-38.22
32 93 83 00-0063	EA	20 Gallon Container Shrub Planting	213.71
		<i>For >10 To 25, Deduct</i>	-10.69
		<i>For >25 To 50, Deduct</i>	-26.71
		<i>For >50 To 100, Deduct</i>	-42.74
		<i>For >100, Deduct</i>	-64.11
32 93 83 00-0064	EA	25 Gallon Container Shrub Planting	273.72
		<i>For >10 To 25, Deduct</i>	-13.69
		<i>For >25 To 50, Deduct</i>	-34.22
		<i>For >50 To 100, Deduct</i>	-54.74
		<i>For >100, Deduct</i>	-82.12
32 93 83 00-0065	EA	15" Balled And Burlapped Shrub Planting	57.54
		<i>For >10 To 25, Deduct</i>	-2.88
		<i>For >25 To 50, Deduct</i>	-7.19
		<i>For >50 To 100, Deduct</i>	-11.51
		<i>For >100, Deduct</i>	-17.26
32 93 83 00-0066	EA	18" Balled And Burlapped Shrub Planting	59.59
		<i>For >10 To 25, Deduct</i>	-2.98
		<i>For >25 To 50, Deduct</i>	-7.45
		<i>For >50 To 100, Deduct</i>	-11.92
		<i>For >100, Deduct</i>	-17.88
32 93 83 00-0067	EA	24" Balled And Burlapped Shrub Planting	65.76
		<i>For >10 To 25, Deduct</i>	-3.29
		<i>For >25 To 50, Deduct</i>	-8.22
		<i>For >50 To 100, Deduct</i>	-13.15
		<i>For >100, Deduct</i>	-19.73
32 93 83 00-0068	EA	30" Balled And Burlapped Shrub Planting	65.76
		<i>For >10 To 25, Deduct</i>	-3.29
		<i>For >25 To 50, Deduct</i>	-8.22
		<i>For >50 To 100, Deduct</i>	-13.15
		<i>For >100, Deduct</i>	-19.73
32 93 83 00-0069	EA	36" Balled And Burlapped Shrub Planting	71.93
		<i>For >10 To 25, Deduct</i>	-3.60
		<i>For >25 To 50, Deduct</i>	-8.99
		<i>For >50 To 100, Deduct</i>	-14.39
		<i>For >100, Deduct</i>	-21.58
32 93 83 00-0070	EA	42" Balled And Burlapped Shrub Planting	76.03
		<i>For >10 To 25, Deduct</i>	-3.80
		<i>For >25 To 50, Deduct</i>	-9.50
		<i>For >50 To 100, Deduct</i>	-15.21
		<i>For >100, Deduct</i>	-22.81
32 93 83 00-0071	EA	48" Balled And Burlapped Shrub Planting	82.19
		<i>For >10 To 25, Deduct</i>	-4.11
		<i>For >25 To 50, Deduct</i>	-10.27
		<i>For >50 To 100, Deduct</i>	-16.44
		<i>For >100, Deduct</i>	-24.66

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0072	EA	5'	Balled And Burlapped Shrub Planting.....	123.29	
			For >10 To 25, Deduct	-6.16	
			For >25 To 50, Deduct	-15.41	
			For >50 To 100, Deduct	-24.66	
			For >100, Deduct	-36.99	
32 93 83 00-0073	EA	6'	Balled And Burlapped Shrub Planting.....	174.67	
			For >10 To 25, Deduct	-8.73	
			For >25 To 50, Deduct	-21.83	
			For >50 To 100, Deduct	-34.93	
			For >100, Deduct	-52.40	
32 93 83 00-0074	EA	7'	Balled And Burlapped Shrub Planting.....	232.21	
			For >10 To 25, Deduct	-11.61	
			For >25 To 50, Deduct	-29.03	
			For >50 To 100, Deduct	-46.44	
			For >100, Deduct	-69.66	
32 93 83 00-0075	EA	8'	Balled And Burlapped Shrub Planting.....	263.03	
			For >10 To 25, Deduct	-13.15	
			For >25 To 50, Deduct	-32.88	
			For >50 To 100, Deduct	-52.61	
			For >100, Deduct	-78.91	
32 93 83 00-0076	EA	9'	Balled And Burlapped Shrub Planting.....	283.58	
			For >10 To 25, Deduct	-14.18	
			For >25 To 50, Deduct	-35.45	
			For >50 To 100, Deduct	-56.72	
			For >100, Deduct	-85.07	
32 93 83 00-0077	EA	10'	Balled And Burlapped Shrub Planting.....	308.24	
			For >10 To 25, Deduct	-15.41	
			For >25 To 50, Deduct	-38.53	
			For >50 To 100, Deduct	-61.65	
			For >100, Deduct	-92.47	
32 93 83 00-0078			Planting Groundcover, Vines, Perennials, Annuals And Bulbs (32 93 83)		
			See CSI section 32 91 13 16-0001 for mulch.		
32 93 83 00-0079	EA	2-1/4"	Diameter Potted Groundcover And Flower Planting.....	1.72	
			For >10 To 25, Deduct	-0.09	
			For >25 To 50, Deduct	-0.22	
			For >50 To 100, Deduct	-0.34	
			For >100, Deduct	-0.52	
32 93 83 00-0080	EA	3"	Diameter Potted Groundcover And Flower Planting.....	1.96	
			For >10 To 25, Deduct	-0.10	
			For >25 To 50, Deduct	-0.25	
			For >50 To 100, Deduct	-0.39	
			For >100, Deduct	-0.59	
32 93 83 00-0081	EA	4"	Diameter Potted Groundcover And Flower Planting.....	2.28	
			For >10 To 25, Deduct	-0.11	
			For >25 To 50, Deduct	-0.29	
			For >50 To 100, Deduct	-0.46	
			For >100, Deduct	-0.68	
32 93 83 00-0082	EA	5-1/2"	Diameter Potted Groundcover And Flower Planting.....	2.74	
			For >10 To 25, Deduct	-0.14	
			For >25 To 50, Deduct	-0.34	
			For >50 To 100, Deduct	-0.55	
			For >100, Deduct	-0.82	
32 93 83 00-0083	EA	6"	Diameter Potted Groundcover And Flower Planting.....	3.42	
			For >10 To 25, Deduct	-0.17	
			For >25 To 50, Deduct	-0.43	
			For >50 To 100, Deduct	-0.68	
			For >100, Deduct	-1.03	
32 93 83 00-0084	EA	8"	Diameter Potted Groundcover And Flower Planting.....	5.14	
			For >10 To 25, Deduct	-0.26	
			For >25 To 50, Deduct	-0.64	
			For >50 To 100, Deduct	-1.03	
			For >100, Deduct	-1.54	
32 93 83 00-0085	EA	1 Gallon Container	Groundcover And Flower Planting.....	16.44	
			For >10 To 25, Deduct	-0.82	
			For >25 To 50, Deduct	-2.06	
			For >50 To 100, Deduct	-3.29	
			For >100, Deduct	-4.93	
32 93 83 00-0086	EA	2 Gallon Container	Groundcover And Flower Planting.....	22.61	
			For >10 To 25, Deduct	-1.13	
			For >25 To 50, Deduct	-2.83	
			For >50 To 100, Deduct	-4.52	
			For >100, Deduct	-6.78	
32 93 83 00-0087	EA	3 Gallon Container	Groundcover And Flower Planting.....	28.77	
			For >10 To 25, Deduct	-1.44	
			For >25 To 50, Deduct	-3.60	
			For >50 To 100, Deduct	-5.75	
			For >100, Deduct	-8.63	
32 93 83 00-0088	EA	4 Gallon Container	Groundcover And Flower Planting.....	36.99	
			For >10 To 25, Deduct	-1.85	
			For >25 To 50, Deduct	-4.62	
			For >50 To 100, Deduct	-7.40	
			For >100, Deduct	-11.10	
32 93 83 00-0089	EA	5 Gallon Container	Groundcover And Flower Planting.....	45.21	
			For >10 To 25, Deduct	-2.26	
			For >25 To 50, Deduct	-5.65	
			For >50 To 100, Deduct	-9.04	
			For >100, Deduct	-13.56	

32 Exterior Improvements**32 90 Planting****32 93 Plants**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 93 83 00-0090	EA	7 Gallon Container Groundcover And Flower Planting	61.65	
		<i>For >10 To 25, Deduct</i>	-3.08	
		<i>For >25 To 50, Deduct</i>	-7.71	
		<i>For >50 To 100, Deduct</i>	-12.33	
		<i>For >100, Deduct</i>	-18.50	
32 93 83 00-0091	EA	Bulb Planting	1.02	
		<i>For >10 To 25, Deduct</i>	-0.05	
		<i>For >25 To 50, Deduct</i>	-0.13	
		<i>For >50 To 100, Deduct</i>	-0.20	
		<i>For >100, Deduct</i>	-0.31	
32 93 83 00-0092	EA	Flats Of 24 Groundcover And Flower Planting	28.77	
		<i>For >10 To 25, Deduct</i>	-1.44	
		<i>For >25, Deduct</i>	-3.60	
32 93 83 00-0093	EA	Flats Of 36 Groundcover And Flower Planting	40.81	
		<i>For >10 To 25, Deduct</i>	-2.04	
		<i>For >25, Deduct</i>	-5.10	
32 93 83 00-0094	EA	Flats Of 48 Groundcover And Flower Planting	54.32	
		<i>For >10 To 25, Deduct</i>	-2.72	
		<i>For >25, Deduct</i>	-6.79	

32 94 Planting Accessories (32 90)**32 94 13 Landscape Edging** (32 94)

Note: Including stakes.

32 94 13 00-0001 Landscape Edging (32 94 13)

Note: Includes stakes.

32 94 13 00-0002	LF	1/8" x 4", Mill Finish, Aluminum Alloy Landscape Edging	9.42	2.49
32 94 13 00-0003	LF	1/8" x 4", Black Paint, Aluminum Alloy Landscape Edging	10.33	2.49
32 94 13 00-0004	LF	1/8" x 4", Black Anodized, Aluminum Alloy Landscape Edging	10.40	2.49
32 94 13 00-0005	LF	3/16" x 4", Mill Finish, Aluminum Alloy Landscape Edging	11.99	2.58
32 94 13 00-0006	LF	3/16" x 4", Black Paint, Aluminum Alloy Landscape Edging	13.12	2.58
32 94 13 00-0007	LF	3/16" x 4", Black Anodized, Aluminum Alloy Landscape Edging	13.10	2.58
32 94 13 00-0008	LF	1/8" x 5-1/2", Mill Finish, Aluminum Alloy Landscape Edging	10.60	2.66
32 94 13 00-0009	LF	1/8" x 5-1/2", Black Paint, Aluminum Alloy Landscape Edging	11.86	2.66
32 94 13 00-0010	LF	1/8" x 5-1/2", Black Anodized, Aluminum Alloy Landscape Edging	11.99	2.66
32 94 13 00-0011	LF	3/16" x 5-1/2", Mill Finish, Aluminum Alloy Landscape Edging	13.55	2.74
32 94 13 00-0012	LF	3/16" x 5-1/2", Black Paint, Aluminum Alloy Landscape Edging	14.81	2.74
32 94 13 00-0013	LF	3/16" x 5-1/2", Black Anodized, Aluminum Alloy Landscape Edging	14.91	2.74
32 94 13 00-0014	LF	3/16" x 4" Powder Coated Steel Landscape Edging	11.88	2.58
32 94 13 00-0015	LF	1/4" x 5" Powder Coated Steel Landscape Edging	16.85	2.58

32 94 16 Landscape Timbers (32 94)

32 94 16 00-0001	LF	6" x 8" Railroad Ties	14.62	4.80
32 94 16 00-0002	LF	7" x 9" Railroad Ties	17.62	6.02
32 94 16 00-0003	LF	1" x 4" Redwood	5.11	1.71
32 94 16 00-0004	LF	2" x 4" Redwood Edging	7.00	2.56
32 94 16 00-0005	LF	4" x 6" Pressure Treated Hardwood	9.91	3.41
32 94 16 00-0006	LF	6" x 6" Pressure Treated Hardwood	12.92	4.26
32 94 16 00-0007	LF	6" x 8" Pressure Treated Hardwood	15.06	5.01
32 94 16 00-0008	LF	1" x 4" Pressure Treated Pine	3.94	1.71
32 94 16 00-0009	LF	2" x 4" Pressure Treated Pine	5.96	2.56
32 94 16 00-0010	LF	4" x 6" Pressure Treated Pine	9.41	3.31
32 94 16 00-0011	LF	6" x 6" Pressure Treated Pine	12.82	4.26
32 94 16 00-0012	LF	6" x 8" Pressure Treated Pine	15.67	5.01

32 94 43 Tree Grates (32 94)**32 94 43 00-0001 Tree Grates With Frames** (32 94 43)**32 94 43 00-0002 Round Cast Iron Tree Grates With Frames** (32 94 43 00-0001)

32 94 43 00-0003	EA	32" Diameter, 100 To 150 LB Cast Iron Tree Gate With Frame	1,020.34	63.21
		<i>For >3 To 9, Deduct</i>	-67.04	
		<i>For >9, Deduct</i>	-138.55	
32 94 43 00-0004	EA	36" Diameter, 125 To 175 LB Cast Iron Tree Gate With Frame	1,182.85	63.21
		<i>For >3 To 9, Deduct</i>	-79.23	
		<i>For >9, Deduct</i>	-163.75	
32 94 43 00-0005	EA	42" Diameter, 150 To 200 LB Cast Iron Tree Gate With Frame	1,428.15	84.29
		<i>For >3 To 9, Deduct</i>	-94.47	
		<i>For >9, Deduct</i>	-195.23	
32 94 43 00-0006	EA	48" Diameter, 200 To 250 LB Cast Iron Tree Gate With Frame	1,781.89	84.29
		<i>For >3 To 9, Deduct</i>	-121.00	
		<i>For >9, Deduct</i>	-250.06	
32 94 43 00-0007	EA	54" Diameter, 300 To 350 LB Cast Iron Tree Gate With Frame	2,285.33	105.36
		<i>For >3 To 9, Deduct</i>	-155.60	
		<i>For >9, Deduct</i>	-321.56	
32 94 43 00-0008	EA	60" Diameter, Up To 350 LB Cast Iron Tree Gate With Frame	2,394.38	126.43
		<i>For >3 To 9, Deduct</i>	-160.61	
		<i>For >9, Deduct</i>	-331.94	
32 94 43 00-0009	EA	60" Diameter, >350 LB Cast Iron Tree Gate With Frame	2,640.56	126.43
		<i>For >3 To 9, Deduct</i>	-179.08	
		<i>For >9, Deduct</i>	-370.10	
32 94 43 00-0010	EA	72" Diameter, Up To 550 LB Cast Iron Tree Gate With Frame	3,513.14	179.12
		<i>For >3 To 9, Deduct</i>	-236.62	
		<i>For >9, Deduct</i>	-489.01	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 94 43 00-0011	EA		72" Diameter, >500 To 550 LB Cast Iron Tree Grate With Frame	3,656.55	179.12
			For >3 To 9, Deduct	-247.38	
			For >9, Deduct	-511.24	
32 94 43 00-0012	EA		72" Diameter, >600 To 650 LB Cast Iron Tree Grate With Frame	3,776.05	179.12
			For >3 To 9, Deduct	-256.34	
			For >9, Deduct	-529.77	
32 94 43 00-0013	EA		72" Diameter, >650 To 700 LB Cast Iron Tree Grate With Frame	3,871.66	179.12
			For >3 To 9, Deduct	-263.51	
			For >9, Deduct	-544.58	
32 94 43 00-0014	EA		72" Diameter, >700 LB Cast Iron Tree Grate With Frame	3,943.36	179.12
			For >3 To 9, Deduct	-268.89	
			For >9, Deduct	-555.70	
32 94 43 00-0015	EA		93" Diameter, 950 To 1,000 LB Cast Iron Tree Grate With Frame	4,322.08	210.72
			For >3 To 9, Deduct	-292.55	
			For >9, Deduct	-604.60	

32 94 43 00-0016 Square Cast Iron Tree Grates With Frames (32 94 43 00-0001)

32 94 43 00-0017	EA		30" x 30", 75 To 125 LB Cast Iron Tree Grate With Frame	939.06	63.21
			For >3 To 9, Deduct	-60.95	
			For >9, Deduct	-125.96	
32 94 43 00-0018	EA		36" x 36", 100 To 150 LB Cast Iron Tree Grate With Frame	1,142.22	63.21
			For >3 To 9, Deduct	-76.18	
			For >9, Deduct	-157.45	
32 94 43 00-0019	EA		48" x 48", Up To 200 LB Cast Iron Tree Grate With Frame	1,692.58	105.36
			For >3 To 9, Deduct	-111.14	
			For >9, Deduct	-229.69	
32 94 43 00-0020	EA		48" x 48", >200 To 250 LB Cast Iron Tree Grate With Frame	2,003.30	105.36
			For >3 To 9, Deduct	-134.44	
			For >9, Deduct	-277.85	
32 94 43 00-0021	EA		48" x 48", >250 To 300 LB Cast Iron Tree Grate With Frame	2,290.11	105.36
			For >3 To 9, Deduct	-155.95	
			For >9, Deduct	-322.31	
32 94 43 00-0022	EA		48" x 48", >300 To 350 LB Cast Iron Tree Grate With Frame	2,553.02	105.36
			For >3 To 9, Deduct	-175.67	
			For >9, Deduct	-363.06	
32 94 43 00-0023	EA		48" x 48", >350 To 400 LB Cast Iron Tree Grate With Frame	2,792.03	105.36
			For >3 To 9, Deduct	-193.60	
			For >9, Deduct	-400.10	
32 94 43 00-0024	EA		48" x 48", >400 LB Cast Iron Tree Grate With Frame	3,007.14	105.36
			For >3 To 9, Deduct	-209.73	
			For >9, Deduct	-433.45	
32 94 43 00-0025	EA		60" x 60", Up To 400 LB Cast Iron Tree Grate With Frame	2,876.32	147.50
			For >3 To 9, Deduct	-193.60	
			For >9, Deduct	-400.10	
32 94 43 00-0026	EA		60" x 60", >400 To 450 LB Cast Iron Tree Grate With Frame	3,091.43	147.50
			For >3 To 9, Deduct	-209.73	
			For >9, Deduct	-433.45	
32 94 43 00-0027	EA		60" x 60", >450 To 500 LB Cast Iron Tree Grate With Frame	3,282.63	147.50
			For >3 To 9, Deduct	-224.07	
			For >9, Deduct	-463.08	
32 94 43 00-0028	EA		60" x 60", >500 To 550 LB Cast Iron Tree Grate With Frame	3,449.94	147.50
			For >3 To 9, Deduct	-236.62	
			For >9, Deduct	-489.01	
32 94 43 00-0029	EA		60" x 60", >550 To 600 LB Cast Iron Tree Grate With Frame	3,593.35	147.50
			For >3 To 9, Deduct	-247.38	
			For >9, Deduct	-511.24	
32 94 43 00-0030	EA		60" x 60", >600 LB Cast Iron Tree Grate With Frame	3,712.85	147.50
			For >3 To 9, Deduct	-256.34	
			For >9, Deduct	-529.77	
32 94 43 00-0031	EA		72" x 72", Up To 550 LB Cast Iron Tree Grate With Frame	3,513.14	179.12
			For >3 To 9, Deduct	-236.62	
			For >9, Deduct	-489.01	
32 94 43 00-0032	EA		72" x 72", >550 To 600 LB Cast Iron Tree Grate With Frame	3,656.55	179.12
			For >3 To 9, Deduct	-247.38	
			For >9, Deduct	-511.24	
32 94 43 00-0033	EA		72" x 72", >600 To 650 LB Cast Iron Tree Grate With Frame	3,776.05	179.12
			For >3 To 9, Deduct	-256.34	
			For >9, Deduct	-529.77	
32 94 43 00-0034	EA		72" x 72", >650 To 700 LB Cast Iron Tree Grate With Frame	3,871.66	179.12
			For >3 To 9, Deduct	-263.51	
			For >9, Deduct	-544.58	
32 94 43 00-0035	EA		72" x 72", >700 To 750 LB Cast Iron Tree Grate With Frame	3,943.36	179.12
			For >3 To 9, Deduct	-268.89	
			For >9, Deduct	-555.70	
32 94 43 00-0036	EA		72" x 72", >750 To 800 LB Cast Iron Tree Grate With Frame	3,991.16	179.12
			For >3 To 9, Deduct	-272.47	
			For >9, Deduct	-563.11	
32 94 43 00-0037	EA		72" x 72", >800 To 850 LB Cast Iron Tree Grate With Frame	4,015.06	179.12
			For >3 To 9, Deduct	-274.26	
			For >9, Deduct	-566.81	
32 94 43 00-0038	EA		72" x 72", >850 LB Cast Iron Tree Grate With Frame	4,038.96	179.12
			For >3 To 9, Deduct	-276.06	
			For >9, Deduct	-570.52	

32 94 43 00-0039 Rectangular Cast Iron Tree Grates With Frames (32 94 43 00-0001)

32 Exterior Improvements**32 90 Planting****32 94 Planting Accessories**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 94 43 00-0040	EA	36" x 48", 200 To 250 LB Cast Iron Tree Grate With Frame	1,781.89	84.29
		<i>For >3 To 9, Deduct</i>	-121.00	
		<i>For >9, Deduct</i>	-250.06	
32 94 43 00-0041	EA	36" x 60", 200 To 250 LB Cast Iron Tree Grate With Frame	1,817.74	84.29
		<i>For >3 To 9, Deduct</i>	-123.69	
		<i>For >9, Deduct</i>	-255.62	
32 94 43 00-0042	EA	36" x 72", 275 To 325 LB Cast Iron Tree Grate With Frame	2,220.79	105.36
		<i>For >3 To 9, Deduct</i>	-150.76	
		<i>For >9, Deduct</i>	-311.56	
32 94 43 00-0043	EA	48" x 72", Up To 350 LB Cast Iron Tree Grate With Frame	2,619.94	105.36
		<i>For >3 To 9, Deduct</i>	-180.69	
		<i>For >9, Deduct</i>	-373.43	
32 94 43 00-0044	EA	48" x 72", >350 LB Cast Iron Tree Grate With Frame	2,792.03	105.36
		<i>For >3 To 9, Deduct</i>	-193.60	
		<i>For >9, Deduct</i>	-400.10	
32 94 43 00-0045	EA	60" x 84", 700 To 750 LB Cast Iron Tree Grate With Frame	3,728.25	179.12
		<i>For >3 To 9, Deduct</i>	-252.75	
		<i>For >9, Deduct</i>	-522.36	

32 94 49 Plant and Tree Accessories (32 94)**32 94 49 00-0001 Tree Guying (32 94 49)****32 94 49 00-0002 Tree Guying, Stakes (32 94 49 00-0001)**

Note: Includes stakes, cross brace, double #12 gauge twisted wire and reinforced rubber hose tree wrap.

32 94 49 00-0003	EA	Tree Guying Up To 2" Caliper, 2 Stakes, Guy Wire And Wrap	21.78	
32 94 49 00-0004	EA	Tree Guying 2" To 3" Caliper, 2 Stakes, Guy Wire And Wrap	39.26	
32 94 49 00-0005	EA	Tree Guying 3" To 4" Caliper, 3 Stakes, Guy Wire And Wrap	67.48	

32 94 49 00-0006 Tree Guying, Anchors (32 94 49 00-0001)

Note: Includes arrowhead anchor, cable, turnbuckles and wrap or reinforced rubber hose.

32 94 49 00-0007	EA	Tree Guying Up To 3" Caliper, 3" Anchors And Polypropylene Flat Rope	90.71	
32 94 49 00-0008	EA	Tree Guying 3" To 6" Caliper, 4" Anchors And Polypropylene Flat Rope	122.27	
32 94 49 00-0009	EA	Tree Guying 6" To 8" Caliper, 6" Anchors And Polypropylene Flat Rope	156.11	
32 94 49 00-0010	EA	Tree Guying 8" And Up Caliper, 8" Anchors And Polypropylene Flat Rope	202.41	

32 94 49 00-0011 Tree Wrap (32 94 49)

32 94 49 00-0012	EA	Tree Wrap, Up To 1" Caliper Applied Ground Level To First Branches Of Tree	6.30	
32 94 49 00-0013	EA	Tree Wrap, 1" To 2" Caliper Applied Ground Level To First Branches Of Tree	10.54	
32 94 49 00-0014	EA	Tree Wrap, >2" To 4" Caliper Applied Ground Level To First Branches Of Tree	20.99	
32 94 49 00-0015	EA	Tree Wrap, >4" To 6" Caliper Applied Ground Level To First Branches Of Tree	32.78	

32 94 49 00-0016 Tree Guards (32 94 49)

32 94 49 00-0017	EA	3' Preformed Plastic Tree Guard	12.72	
32 94 49 00-0018	EA	2' Preformed Plastic Tree Guard	11.08	

32 94 49 00-0019 Stake Out Tree And Shrub Locations (32 94 49)

Note: When no design available.

32 94 49 00-0020	EA	Stake Out Trees Or Shrubs	6.53	
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32 94 49 00-0021 Root Barriers (32 94 49)

32 94 49 00-0022	EA	12" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner	11.90	
32 94 49 00-0023	EA	18" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner	17.05	
32 94 49 00-0024	EA	24" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner	20.18	
32 94 49 00-0025	EA	36" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner	38.26	
32 94 49 00-0026	EA	48" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner	53.03	

32 96 Transplanting (32 90)

See CSI section 32 94 49 00-0001 for guying.

32 96 33 Shrub Transplanting (32 96)

Note: Includes digging up, moving on site, digging new hole and replanting.

32 96 33 00-0001 Moving Shrubs On Site, Relocate (32 96 33)

Note: Includes digging up, moving on site, digging new hole and replanting. See CSI section 32 94 49 00-0001 for guying.

32 96 33 00-0002	EA	Up To 18" Root Ball, Move Shrubs On Site	70.24	
		<i>For >25 To 50, Deduct</i>	-7.02	
		<i>For >50, Deduct</i>	-10.54	
32 96 33 00-0003	EA	>18" To 24" Root Ball, Move Shrubs On Site	95.03	
		<i>For >25 To 50, Deduct</i>	-9.50	
		<i>For >50, Deduct</i>	-14.25	
32 96 33 00-0004	EA	>24" To 30" Root Ball, Move Shrubs On Site	161.12	
		<i>For >25 To 50, Deduct</i>	-16.11	
		<i>For >50, Deduct</i>	-24.17	
32 96 33 00-0005	EA	>30" To 36" Root Ball, Move Shrubs On Site	247.89	
		<i>For >25 To 50, Deduct</i>	-24.79	
		<i>For >50, Deduct</i>	-37.18	

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 96 43 Tree Transplanting (32 96)

Note: Includes digging up, moving on site, digging new hole and replanting.

32 96 43 00-0001 Moving Trees On Site, Relocate (32 96 43)

Note: Includes digging up, moving on site, digging new hole and replanting. Excludes crane where necessary for trees over 20' tall. See CSI section 01 22 23 00-0801 for crane lifting equipment, 32 94 49 00-0001 for guying.

32 96 43 00-0002	EA	Up To 24" Root Ball, Move Trees On Site.....	277.91
		For >5 To 10, Deduct	-13.90
		For >10 To 20, Deduct	-27.79
		For >20, Deduct	-41.69
32 96 43 00-0003	EA	>24" To 30" Root Ball, Move Trees On Site.....	381.13
		For >5 To 10, Deduct	-19.06
		For >10 To 20, Deduct	-38.11
		For >20, Deduct	-57.17
32 96 43 00-0004	EA	>30" To 36" Root Ball, Move Trees On Site.....	617.58
		For >5 To 10, Deduct	-30.88
		For >10 To 20, Deduct	-61.76
		For >20, Deduct	-92.64
32 96 43 00-0005	EA	>36" To 48" Root Ball, Move Trees On Site.....	1,026.14
		For >5 To 10, Deduct	-51.31
		For >10 To 20, Deduct	-102.61
		For >20, Deduct	-153.92
32 96 43 00-0006	EA	>48" To 60" Root Ball, Move Trees On Site.....	1,667.47
		For >5 To 10, Deduct	-83.37
		For >10 To 20, Deduct	-166.75
		For >20, Deduct	-250.12
32 96 43 00-0007	EA	>60" To 72" Root Ball, Move Trees On Site.....	2,151.58
		For >5 To 10, Deduct	-107.58
		For >10 To 20, Deduct	-215.16
		For >20, Deduct	-322.74
32 96 43 00-0008	EA	>72" To 84" Root Ball, Move Trees On Site.....	2,779.13
		For >5 To 10, Deduct	-138.96
		For >10 To 20, Deduct	-277.91
		For >20, Deduct	-416.87
32 96 43 00-0009	EA	>84" To 96" Root Ball, Move Trees On Site.....	3,334.95
		For >5 To 10, Deduct	-166.75
		For >10 To 20, Deduct	-333.50
		For >20, Deduct	-500.24
32 96 43 00-0010	EA	>96" To 120" Root Ball, Move Trees On Site.....	3,789.72
		For >5 To 10, Deduct	-189.49
		For >10 To 20, Deduct	-378.97
		For >20, Deduct	-568.46

END OF SECTION 32

32 Exterior Improvements

32 90 Planting

32 96 Transplanting

MINOR	CSI	UOM	DESCRIPTION
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TOTAL DIRECT	DEMOLITION
UNIT COST	UNIT COST

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MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 Utilities

Note: Buried plastic pipe and conduit includes detectable tracer wire

33 01 Operation and Maintenance of Utilities ⁽³³⁾

33 01 10 Operation and Maintenance of Water Utilities ^(33 01)

33 01 10 54 Cleaning of Water Utility Piping ^(33 01 10)

See CSI section 33 01 30 41-0012 for cleaning of water lines.

33 01 10 58 Disinfection of Water Utility Piping Systems ^(33 01 10)

33 01 10 58-0001 Water Main Disinfection/Sterilization ^(33 01 10 58)

Note: Gas chlorination. Continuous or plug method.

33 01 10 58-0002	EA Setting Up And Removing Equipment For Water Main Disinfection/Sterilization, Gas Chlorination Method	969.04	
33 01 10 58-0003	EA Re-Set Up/Move Equipment For Water Main Disinfection/Sterilization, Gas Chlorination Method	484.52	
33 01 10 58-0004	LF Up To 4" Diameter Pipe Water Main Disinfection/Sterilization	0.37	
	<i>For >250 To 500, Deduct</i>	-0.02	
	<i>For >500 To 1,000, Deduct</i>	-0.04	
	<i>For >1,000 To 2,000, Deduct</i>	-0.06	
	<i>For >2,000 To 5,000, Deduct</i>	-0.07	
	<i>For >5,000, Deduct</i>	-0.09	
33 01 10 58-0005	LF 6" Diameter Pipe Water Main Disinfection/Sterilization	0.56	
	<i>For >250 To 500, Deduct</i>	-0.03	
	<i>For >500 To 1,000, Deduct</i>	-0.06	
	<i>For >1,000 To 2,000, Deduct</i>	-0.08	
	<i>For >2,000 To 5,000, Deduct</i>	-0.11	
	<i>For >5,000, Deduct</i>	-0.14	
33 01 10 58-0006	LF 8" Diameter Pipe Water Main Disinfection/Sterilization	0.72	
	<i>For >250 To 500, Deduct</i>	-0.04	
	<i>For >500 To 1,000, Deduct</i>	-0.07	
	<i>For >1,000 To 2,000, Deduct</i>	-0.11	
	<i>For >2,000 To 5,000, Deduct</i>	-0.14	
	<i>For >5,000, Deduct</i>	-0.18	
33 01 10 58-0007	LF 10" Diameter Pipe Water Main Disinfection/Sterilization	0.86	
	<i>For >250 To 500, Deduct</i>	-0.04	
	<i>For >500 To 1,000, Deduct</i>	-0.09	
	<i>For >1,000 To 2,000, Deduct</i>	-0.13	
	<i>For >2,000 To 5,000, Deduct</i>	-0.17	
	<i>For >5,000, Deduct</i>	-0.22	
33 01 10 58-0008	LF 12" Diameter Pipe Water Main Disinfection/Sterilization	1.11	
	<i>For >250 To 500, Deduct</i>	-0.06	
	<i>For >500 To 1,000, Deduct</i>	-0.11	
	<i>For >1,000 To 2,000, Deduct</i>	-0.17	
	<i>For >2,000 To 5,000, Deduct</i>	-0.22	
	<i>For >5,000, Deduct</i>	-0.28	
33 01 10 58-0009	LF >12" To 16" Diameter Pipe Water Main Disinfection/Sterilization	1.27	
	<i>For >250 To 500, Deduct</i>	-0.06	
	<i>For >500 To 1,000, Deduct</i>	-0.13	
	<i>For >1,000 To 2,000, Deduct</i>	-0.19	
	<i>For >2,000 To 5,000, Deduct</i>	-0.25	
	<i>For >5,000, Deduct</i>	-0.32	
33 01 10 58-0010	LF >16" To 24" Diameter Pipe Water Main Disinfection/Sterilization	1.46	
	<i>For >250 To 500, Deduct</i>	-0.07	
	<i>For >500 To 1,000, Deduct</i>	-0.15	
	<i>For >1,000 To 2,000, Deduct</i>	-0.22	
	<i>For >2,000 To 5,000, Deduct</i>	-0.29	
	<i>For >5,000, Deduct</i>	-0.37	
33 01 10 58-0011	LF >24" To 30" Diameter Pipe Water Main Disinfection/Sterilization	1.71	
	<i>For >250 To 500, Deduct</i>	-0.09	
	<i>For >500 To 1,000, Deduct</i>	-0.17	
	<i>For >1,000 To 2,000, Deduct</i>	-0.26	
	<i>For >2,000 To 5,000, Deduct</i>	-0.34	
	<i>For >5,000, Deduct</i>	-0.43	
33 01 10 58-0012	LF >30" To 42" Diameter Pipe Water Main Disinfection/Sterilization	2.20	
	<i>For >250 To 500, Deduct</i>	-0.11	
	<i>For >500 To 1,000, Deduct</i>	-0.22	
	<i>For >1,000 To 2,000, Deduct</i>	-0.33	
	<i>For >2,000 To 5,000, Deduct</i>	-0.44	
	<i>For >5,000, Deduct</i>	-0.55	
33 01 10 58-0013	LF >42" To 60" Diameter Pipe Water Main Disinfection/Sterilization	3.23	
	<i>For >250 To 500, Deduct</i>	-0.16	
	<i>For >500 To 1,000, Deduct</i>	-0.32	
	<i>For >1,000 To 2,000, Deduct</i>	-0.48	
	<i>For >2,000 To 5,000, Deduct</i>	-0.65	
	<i>For >5,000, Deduct</i>	-0.81	
33 01 10 58-0014	LF >60" Diameter Pipe Water Main Disinfection/Sterilization	4.47	
	<i>For >250 To 500, Deduct</i>	-0.22	
	<i>For >500 To 1,000, Deduct</i>	-0.45	
	<i>For >1,000 To 2,000, Deduct</i>	-0.67	
	<i>For >2,000 To 5,000, Deduct</i>	-0.89	
	<i>For >5,000, Deduct</i>	-1.12	

33 01 10 71 Relining Water Utilities Pipelines ^(33 01 10)

See CSI section 33 01 30 71-0000 for relining water pipelines.

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 10 Operation and Maintenance of Water Utilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 01 10 71-0001	Relining Underground Water Pipelines <small>(33 01 10 71)</small>		
	Note: Excludes costs for CCTV inspection, pipe cleaning, pavement; temporary and permanent, emergency after hours response for homeowners backups.		
33 01 10 71-0002	Relining Underground Water Pipelines Set-Up And Reinsertion <small>(33 01 10 71-0001)</small>		
33 01 10 71-0003	EA Initial Set Up And Final Equipment Removal For Relining Underground Water Pipelines		5,158.31
33 01 10 71-0004	EA Move And Reset Up At Different Access/Location		2,063.33
33 01 10 71-0005	Lining Pipe With Cement <small>(33 01 10 71-0001)</small>		
33 01 10 71-0006	LF Up To 500', 4" Pipe, 1/8" Pipe Lining With Cement		61.57
	For 3/16" Thickness, Add		1.33
	For 1/4" Thickness, Add		2.65
33 01 10 71-0007	LF >500' To 1,000', 4" Pipe, 1/8" Pipe Lining With Cement		54.91
	For 3/16" Thickness, Add		1.33
	For 1/4" Thickness, Add		2.65
33 01 10 71-0008	LF >1,000' To 5,000', 4" Pipe, 1/8" Pipe Lining With Cement		46.00
	For 3/16" Thickness, Add		1.33
	For 1/4" Thickness, Add		2.65
33 01 10 71-0009	LF >5,000', 4" Pipe, 1/8" Pipe Lining With Cement		34.80
	For 3/16" Thickness, Add		1.33
	For 1/4" Thickness, Add		2.65
33 01 10 71-0010	LF Up To 500', 6" Pipe, 1/8" Pipe Lining With Cement		64.41
	For 3/16" Thickness, Add		1.98
	For 1/4" Thickness, Add		3.96
33 01 10 71-0011	LF >500' To 1,000', 6" Pipe, 1/8" Pipe Lining With Cement		57.50
	For 3/16" Thickness, Add		1.98
	For 1/4" Thickness, Add		3.96
33 01 10 71-0012	LF >1,000' To 5,000', 6" Pipe, 1/8" Pipe Lining With Cement		48.28
	For 3/16" Thickness, Add		1.98
	For 1/4" Thickness, Add		3.96
33 01 10 71-0013	LF >5,000', 6" Pipe, 1/8" Pipe Lining With Cement		36.93
	For 3/16" Thickness, Add		1.98
	For 1/4" Thickness, Add		3.96
33 01 10 71-0014	LF Up To 500', 8" Pipe, 1/8" Pipe Lining With Cement		67.14
	For 3/16" Thickness, Add		2.64
	For 1/4" Thickness, Add		5.27
33 01 10 71-0015	LF >500' To 1,000', 8" Pipe, 1/8" Pipe Lining With Cement		60.09
	For 3/16" Thickness, Add		2.64
	For 1/4" Thickness, Add		5.27
33 01 10 71-0016	LF >1,000' To 5,000', 8" Pipe, 1/8" Pipe Lining With Cement		50.56
	For 3/16" Thickness, Add		2.64
	For 1/4" Thickness, Add		5.27
33 01 10 71-0017	LF >5,000', 8" Pipe, 1/8" Pipe Lining With Cement		39.06
	For 3/16" Thickness, Add		2.64
	For 1/4" Thickness, Add		5.27
33 01 10 71-0018	LF Up To 500', 10" Pipe, 1/8" Pipe Lining With Cement		69.33
	For 3/16" Thickness, Add		3.30
	For 1/4" Thickness, Add		6.60
33 01 10 71-0019	LF >500' To 1,000', 10" Pipe, 1/8" Pipe Lining With Cement		62.16
	For 3/16" Thickness, Add		3.30
	For 1/4" Thickness, Add		6.60
33 01 10 71-0020	LF >1,000' To 5,000', 10" Pipe, 1/8" Pipe Lining With Cement		52.49
	For 3/16" Thickness, Add		3.30
	For 1/4" Thickness, Add		6.60
33 01 10 71-0021	LF >5,000', 10" Pipe, 1/8" Pipe Lining With Cement		41.20
	For 3/16" Thickness, Add		3.30
	For 1/4" Thickness, Add		6.60
33 01 10 71-0022	LF Up To 500', 12" Pipe, 1/8" Pipe Lining With Cement		75.18
	For 3/16" Thickness, Add		3.96
	For 1/4" Thickness, Add		7.91
33 01 10 71-0023	LF >500' To 1,000', 12" Pipe, 1/8" Pipe Lining With Cement		67.55
	For 3/16" Thickness, Add		3.96
	For 1/4" Thickness, Add		7.91
33 01 10 71-0024	LF >1,000' To 5,000', 12" Pipe, 1/8" Pipe Lining With Cement		57.26
	For 3/16" Thickness, Add		3.96
	For 1/4" Thickness, Add		7.91
33 01 10 71-0025	LF >5,000', 12" Pipe, 1/8" Pipe Lining With Cement		45.05
	For 3/16" Thickness, Add		3.96
	For 1/4" Thickness, Add		7.91
33 01 10 71-0026	LF Up To 500', >12" To 16" Pipe, 3/16" Pipe Lining With Cement		82.51
	For 1/4" Thickness, Add		4.40
	For 5/16" Thickness, Add		8.81
33 01 10 71-0027	LF >500' To 1,000', >12" To 16" Pipe, 3/16" Pipe Lining With Cement		74.60
	For 1/4" Thickness, Add		4.40
	For 5/16" Thickness, Add		8.81
33 01 10 71-0028	LF >1,000' To 5,000', >12" To 16" Pipe, 3/16" Pipe Lining With Cement		63.89
	For 1/4" Thickness, Add		4.40
	For 5/16" Thickness, Add		8.81
33 01 10 71-0029	LF >5,000', >12" To 16" Pipe, 3/16" Pipe Lining With Cement		52.18
	For 1/4" Thickness, Add		4.40
	For 5/16" Thickness, Add		8.81
33 01 10 71-0030	LF Up To 500', >16" To 20" Pipe, 3/16" Pipe Lining With Cement		87.16
	For 1/4" Thickness, Add		5.28
	For 5/16" Thickness, Add		10.55
33 01 10 71-0031	LF >500' To 1,000', >16" To 20" Pipe, 3/16" Pipe Lining With Cement		79.01
	For 1/4" Thickness, Add		5.28
	For 5/16" Thickness, Add		10.55

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 10 71-0032	LF	>1,000' To 5,000', >16" To 20" Pipe, 3/16" Pipe Lining With Cement.....	67.93		
		<i>For 1/4" Thickness, Add</i>	5.28		
		<i>For 5/16" Thickness, Add</i>	10.55		
33 01 10 71-0033	LF	>5,000', >16" To 20" Pipe, 3/16" Pipe Lining With Cement.....	56.84		
		<i>For 1/4" Thickness, Add</i>	5.28		
		<i>For 5/16" Thickness, Add</i>	10.55		
33 01 10 71-0034	LF	Up To 500', >20" To 22" Pipe, 3/16" Pipe Lining With Cement.....	92.77		
		<i>For 1/4" Thickness, Add</i>	6.16		
		<i>For 5/16" Thickness, Add</i>	12.32		
33 01 10 71-0035	LF	>500' To 1,000', >20" To 22" Pipe, 3/16" Pipe Lining With Cement.....	84.33		
		<i>For 1/4" Thickness, Add</i>	6.16		
		<i>For 5/16" Thickness, Add</i>	12.32		
33 01 10 71-0036	LF	>1,000' To 5,000', >20" To 22" Pipe, 3/16" Pipe Lining With Cement.....	72.72		
		<i>For 1/4" Thickness, Add</i>	6.16		
		<i>For 5/16" Thickness, Add</i>	12.32		
33 01 10 71-0037	LF	>5,000', >20" To 22" Pipe, 3/16" Pipe Lining With Cement.....	62.34		
		<i>For 1/4" Thickness, Add</i>	6.16		
		<i>For 5/16" Thickness, Add</i>	12.32		
33 01 10 71-0038	LF	Up To 500', 24" Pipe, 3/16" Pipe Lining With Cement	98.45		
		<i>For 1/4" Thickness, Add</i>	7.04		
		<i>For 5/16" Thickness, Add</i>	14.08		
33 01 10 71-0039	LF	>500' To 1,000', 24" Pipe, 3/16" Pipe Lining With Cement	89.68		
		<i>For 1/4" Thickness, Add</i>	7.04		
		<i>For 5/16" Thickness, Add</i>	14.08		
33 01 10 71-0040	LF	>1,000' To 5,000', 24" Pipe, 3/16" Pipe Lining With Cement	77.70		
		<i>For 1/4" Thickness, Add</i>	7.04		
		<i>For 5/16" Thickness, Add</i>	14.08		
33 01 10 71-0041	LF	>5,000', 24" Pipe, 3/16" Pipe Lining With Cement	68.03		
		<i>For 1/4" Thickness, Add</i>	7.04		
		<i>For 5/16" Thickness, Add</i>	14.08		
33 01 10 71-0042	LF	Up To 500', 30" Pipe, 3/16" Pipe Lining With Cement	106.68		
		<i>For 1/4" Thickness, Add</i>	8.80		
		<i>For 5/16" Thickness, Add</i>	17.59		
33 01 10 71-0043	LF	>500' To 1,000', 30" Pipe, 3/16" Pipe Lining With Cement	97.39		
		<i>For 1/4" Thickness, Add</i>	8.80		
		<i>For 5/16" Thickness, Add</i>	17.59		
33 01 10 71-0044	LF	>1,000' To 5,000', 30" Pipe, 3/16" Pipe Lining With Cement	84.70		
		<i>For 1/4" Thickness, Add</i>	8.80		
		<i>For 5/16" Thickness, Add</i>	17.59		
33 01 10 71-0045	LF	>5,000', 30" Pipe, 3/16" Pipe Lining With Cement	74.93		
		<i>For 1/4" Thickness, Add</i>	8.80		
		<i>For 5/16" Thickness, Add</i>	17.59		
33 01 10 71-0046	LF	Up To 500', 36" Pipe, 3/16" Pipe Lining With Cement	114.82		
		<i>For 1/4" Thickness, Add</i>	10.56		
		<i>For 5/16" Thickness, Add</i>	21.12		
33 01 10 71-0047	LF	500' To 1,000', 36" Pipe, 3/16" Pipe Lining With Cement	105.12		
		<i>For 1/4" Thickness, Add</i>	10.56		
		<i>For 5/16" Thickness, Add</i>	21.12		
33 01 10 71-0048	LF	>1,000' To 5,000', 36" Pipe, 3/16" Pipe Lining With Cement	91.72		
		<i>For 1/4" Thickness, Add</i>	10.56		
		<i>For 5/16" Thickness, Add</i>	21.12		
33 01 10 71-0049	LF	>5,000', 36" Pipe, 3/16" Pipe Lining With Cement	81.85		
		<i>For 1/4" Thickness, Add</i>	10.56		
		<i>For 5/16" Thickness, Add</i>	21.12		
33 01 10 71-0050	LF	Up To 500', 42" Pipe, 1/4" Pipe Lining With Cement	146.30		
		<i>For 3/8" Thickness, Add</i>	27.72		
		<i>For 7/16" Thickness, Add</i>	41.57		
33 01 10 71-0051	LF	>500' To 1,000', 42" Pipe, 1/4" Pipe Lining With Cement	135.73		
		<i>For 3/8" Thickness, Add</i>	27.72		
		<i>For 7/16" Thickness, Add</i>	41.57		
33 01 10 71-0052	LF	>1,000' To 5,000', 42" Pipe, 1/4" Pipe Lining With Cement	121.17		
		<i>For 3/8" Thickness, Add</i>	27.72		
		<i>For 7/16" Thickness, Add</i>	41.57		
33 01 10 71-0053	LF	>5,000', 42" Pipe, 1/4" Pipe Lining With Cement	110.99		
		<i>For 3/8" Thickness, Add</i>	27.72		
		<i>For 7/16" Thickness, Add</i>	41.57		
33 01 10 71-0054	LF	Up To 500', 48" Pipe, 1/4" Pipe Lining With Cement	161.85		
		<i>For 3/8" Thickness, Add</i>	31.67		
		<i>For 7/16" Thickness, Add</i>	47.51		
33 01 10 71-0055	LF	>500' To 1,000', 48" Pipe, 1/4" Pipe Lining With Cement	150.54		
		<i>For 3/8" Thickness, Add</i>	31.67		
		<i>For 7/16" Thickness, Add</i>	47.51		
33 01 10 71-0056	LF	>1,000' To 5,000', 48" Pipe, 1/4" Pipe Lining With Cement	134.88		
		<i>For 3/8" Thickness, Add</i>	31.67		
		<i>For 7/16" Thickness, Add</i>	47.51		
33 01 10 71-0057	LF	>5,000', 48" Pipe, 1/4" Pipe Lining With Cement.....	124.50		
		<i>For 3/8" Thickness, Add</i>	31.67		
		<i>For 7/16" Thickness, Add</i>	47.51		
33 01 10 71-0058	LF	Up To 500', 54" Pipe, 1/4" Pipe Lining With Cement	171.58		
		<i>For 3/8" Thickness, Add</i>	35.63		
		<i>For 7/16" Thickness, Add</i>	53.44		
33 01 10 71-0059	LF	>500' To 1,000', 54" Pipe, 1/4" Pipe Lining With Cement	160.04		
		<i>For 3/8" Thickness, Add</i>	35.63		
		<i>For 7/16" Thickness, Add</i>	53.44		
33 01 10 71-0060	LF	>1,000' To 5,000', 54" Pipe, 1/4" Pipe Lining With Cement	144.01		
		<i>For 3/8" Thickness, Add</i>	35.63		
		<i>For 7/16" Thickness, Add</i>	53.44		
33 01 10 71-0061	LF	>5,000', 54" Pipe, 1/4" Pipe Lining With Cement.....	134.04		
		<i>For 3/8" Thickness, Add</i>	35.63		
		<i>For 7/16" Thickness, Add</i>	53.44		

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 10 Operation and Maintenance of Water Utilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 01 10 71-0062	LF	Up To 500', 60" Pipe, 1/4" Pipe Lining With Cement	181.35
		<i>For 3/8" Thickness, Add</i>	39.60
		<i>For 7/16" Thickness, Add</i>	59.39
33 01 10 71-0063	LF	>500' To 1,000', 60" Pipe, 1/4" Pipe Lining With Cement	169.60
		<i>For 3/8" Thickness, Add</i>	39.60
		<i>For 7/16" Thickness, Add</i>	59.39
33 01 10 71-0064	LF	>1,000' To 5,000', 60" Pipe, 1/4" Pipe Lining With Cement	153.28
		<i>For 3/8" Thickness, Add</i>	39.60
		<i>For 7/16" Thickness, Add</i>	59.39
33 01 10 71-0065	LF	>5,000', 60" Pipe, 1/4" Pipe Lining With Cement	143.61
		<i>For 3/8" Thickness, Add</i>	39.60
		<i>For 7/16" Thickness, Add</i>	59.39
33 01 10 71-0066	LF	Up To 500', 66" Pipe, 1/4" Pipe Lining With Cement	191.41
		<i>For 3/8" Thickness, Add</i>	43.56
		<i>For 7/16" Thickness, Add</i>	65.33
33 01 10 71-0067	LF	>500' To 1,000', 66" Pipe, 1/4" Pipe Lining With Cement	179.41
		<i>For 3/8" Thickness, Add</i>	43.56
		<i>For 7/16" Thickness, Add</i>	65.33
33 01 10 71-0068	LF	>1,000' To 5,000', 66" Pipe, 1/4" Pipe Lining With Cement	162.82
		<i>For 3/8" Thickness, Add</i>	43.56
		<i>For 7/16" Thickness, Add</i>	65.33
33 01 10 71-0069	LF	>5,000', 66" Pipe, 1/4" Pipe Lining With Cement	153.87
		<i>For 3/8" Thickness, Add</i>	43.56
		<i>For 7/16" Thickness, Add</i>	65.33
33 01 10 71-0070	LF	Up To 500', 72" Pipe, 1/4" Pipe Lining With Cement	201.87
		<i>For 3/8" Thickness, Add</i>	47.51
		<i>For 7/16" Thickness, Add</i>	71.27
33 01 10 71-0071	LF	>500' To 1,000', 72" Pipe, 1/4" Pipe Lining With Cement	189.65
		<i>For 3/8" Thickness, Add</i>	47.51
		<i>For 7/16" Thickness, Add</i>	71.27
33 01 10 71-0072	LF	>1,000' To 5,000', 72" Pipe, 1/4" Pipe Lining With Cement	172.67
		<i>For 3/8" Thickness, Add</i>	47.51
		<i>For 7/16" Thickness, Add</i>	71.27
33 01 10 71-0073	LF	>5,000', 72" Pipe, 1/4" Pipe Lining With Cement	164.22
		<i>For 3/8" Thickness, Add</i>	47.51
		<i>For 7/16" Thickness, Add</i>	71.27

33 01 30 Operation and Maintenance of Sewer Utilities (33 01)**33 01 30 11 Television Inspection Of Pipelines** (33 01 30)

Note: Rotating head color camera. Includes all log records and color video tape, DVD or CD.

33 01 30 11-0001		Remote Visual Inspection (RVI) Of Pipe Interior And Culverts <small>(33 01 30 11)</small>	
33 01 30 11-0002		Video Camera Set-up <small>(33 01 30 11-0001)</small>	
33 01 30 11-0003	EA	Initial Set Up For "Push Camera" Video Camera Inspection, 1" To 12" Diameter Pipe Or Culvert	892.78
		Note: A "push camera" is a straight view camera at the end of a rigid push rod for 1"-12" diameter pipes for distances up to 300 feet.	
33 01 30 11-0004	EA	Initial Set Up For "Crawler" Video Camera Inspection, 4" To 30" Diameter Pipe Or Culvert.....	1,785.56
		Note: Crawlers are generally remotely operated vehicles (ROVs) for longer distances (over 300') and for larger diameters (4" and larger).	
33 01 30 11-0005	EA	Initial Set Up For "Crawler" Video Camera Inspection, >30" Diameter Pipe Or Culvert.....	2,678.34
33 01 30 11-0006	EA	Re-Set Up/Move For "Push Camera" Video Camera Inspection, 1" To 12" Diameter Pipe Or Culvert	446.39
33 01 30 11-0007	EA	Re-Set Up/Move For "Crawler" Video Camera Inspection, 4" And Larger Diameter Pipe Or Culvert	892.78

33 01 30 11-0008 Video Camera Planning And Analysis Inspection (33 01 30 11-0001)

Note: For pipe interior and culverts.

33 01 30 11-0009	LF	4" To 6" Diameter Pipe Inspection, Planning/Analysis Phase	2.27
		Note: CCTV inspection of pipe interior.	
		<i>For >500 To 1,000, Deduct</i>	-0.23
		<i>For >1,000 To 5,000, Deduct</i>	-0.57
		<i>For >5,000, Deduct</i>	-0.79
33 01 30 11-0010	LF	>6" To 12" Diameter Pipe Inspection, Planning/Analysis Phase.....	3.02
		Note: CCTV inspection of pipe interior.	
		<i>For >500 To 1,000, Deduct</i>	-0.30
		<i>For >1,000 To 5,000, Deduct</i>	-0.76
		<i>For >5,000, Deduct</i>	-1.06
33 01 30 11-0011	LF	>12" To 21" Diameter Pipe Inspection, Planning/Analysis Phase.....	3.78
		Note: CCTV inspection of pipe interior.	
		<i>For >500 To 1,000, Deduct</i>	-0.38
		<i>For >1,000 To 5,000, Deduct</i>	-0.95
		<i>For >5,000, Deduct</i>	-1.32
33 01 30 11-0012	LF	>21" To 30" Diameter Pipe Inspection, Planning/Analysis Phase.....	5.03
		Note: CCTV inspection of pipe interior.	
		<i>For >500 To 1,000, Deduct</i>	-0.50
		<i>For >1,000 To 5,000, Deduct</i>	-1.26
		<i>For >5,000, Deduct</i>	-1.76
33 01 30 11-0013	LF	>30" To 42" Diameter Pipe Inspection, Planning/Analysis Phase.....	7.07
		Note: CCTV inspection of pipe interior.	
		<i>For >500 To 1,000, Deduct</i>	-0.71
		<i>For >1,000 To 5,000, Deduct</i>	-1.77
		<i>For >5,000, Deduct</i>	-2.47
33 01 30 11-0014	LF	>42" To 60" Diameter Pipe Inspection, Planning/Analysis Phase.....	9.43
		Note: CCTV inspection of pipe interior.	
		<i>For >500 To 1,000, Deduct</i>	-0.94
		<i>For >1,000 To 5,000, Deduct</i>	-2.36
		<i>For >5,000, Deduct</i>	-3.30

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 01 30 11-0015	LF		>60" To 72" Diameter Pipe Inspection, Planning/Analysis Phase..... Note: CCTV inspection of pipe interior. <i>For >500 To 1,000, Deduct</i> <i>For >1,000 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	13.32 -1.33 -3.33 -4.66	
33 01 30 11-0016	LF		>72" To 84" Diameter Pipe Inspection, Planning/Analysis Phase..... Note: CCTV inspection of pipe interior. <i>For >500 To 1,000, Deduct</i> <i>For >1,000 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	18.86 -1.89 -4.72 -6.60	
33 01 30 11-0017			Video Camera Pre-Rehab For Pipe Interior And Culverts (33 01 30 11-0001)		
33 01 30 11-0018	LF		4" To 6" Diameter Pipe Inspection, Pre-Rehabilitation Phase Note: CCTV inspection of pipe interior. <i>For >500 To 1,000, Deduct</i> <i>For >1,000 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	3.35 -0.34 -0.84 -1.17	
33 01 30 11-0019	LF		>6" To 12" Diameter Pipe Inspection, Pre-Rehabilitation Phase Note: CCTV inspection of pipe interior. <i>For >500 To 1,000, Deduct</i> <i>For >1,000 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	4.47 -0.45 -1.12 -1.56	
33 01 30 11-0020	LF		>12" To 21" Diameter Pipe Inspection, Pre-Rehabilitation Phase Note: CCTV inspection of pipe interior. <i>For >500 To 1,000, Deduct</i> <i>For >1,000 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	5.58 -0.56 -1.40 -1.95	
33 01 30 11-0021	LF		>21" To 30" Diameter Pipe Inspection, Pre-Rehabilitation Phase Note: CCTV inspection of pipe interior. <i>For >500 To 1,000, Deduct</i> <i>For >1,000 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	7.44 -0.74 -1.86 -2.60	
33 01 30 11-0022	LF		>30" To 42" Diameter Pipe Inspection, Pre-Rehabilitation Phase Note: CCTV inspection of pipe interior. <i>For >500 To 1,000, Deduct</i> <i>For >1,000 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	10.46 -1.05 -2.62 -3.66	
33 01 30 11-0023	LF		>42" To 60" Diameter Pipe Inspection, Pre-Rehabilitation Phase Note: CCTV inspection of pipe interior. <i>For >500 To 1,000, Deduct</i> <i>For >1,000 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	13.95 -1.40 -3.49 -4.88	
33 01 30 11-0024	LF		>60" To 72" Diameter Pipe Inspection, Pre-Rehabilitation Phase Note: CCTV inspection of pipe interior. <i>For >500 To 1,000, Deduct</i> <i>For >1,000 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	19.70 -1.97 -4.93 -6.90	
33 01 30 11-0025	LF		>72" To 84" Diameter Pipe Inspection, Pre-Rehabilitation Phase Note: CCTV inspection of pipe interior. <i>For >500 To 1,000, Deduct</i> <i>For >1,000 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	27.90 -2.79 -6.98 -9.77	
33 01 30 11-0026			Video Camera Post-Rehab For Pipe Interior And Culverts (33 01 30 11-0001)		
33 01 30 11-0027	LF		4" To 6" Diameter Pipe Inspection, Post-Rehabilitation Phase..... Note: CCTV inspection of pipe interior. <i>For >500 To 1,000, Deduct</i> <i>For >1,000 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	2.39 -0.24 -0.60 -0.84	
33 01 30 11-0028	LF		>6" To 12" Diameter Pipe Inspection, Post-Rehabilitation Phase..... Note: CCTV inspection of pipe interior. <i>For >500 To 1,000, Deduct</i> <i>For >1,000 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	3.19 -0.32 -0.80 -1.12	
33 01 30 11-0029	LF		>12" To 21" Diameter Pipe Inspection, Post-Rehabilitation Phase Note: CCTV inspection of pipe interior. <i>For >500 To 1,000, Deduct</i> <i>For >1,000 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	3.98 -0.40 -1.00 -1.39	
33 01 30 11-0030	LF		>21" To 30" Diameter Pipe Inspection, Post-Rehabilitation Phase..... Note: CCTV inspection of pipe interior. <i>For >500 To 1,000, Deduct</i> <i>For >1,000 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	5.32 -0.53 -1.33 -1.86	
33 01 30 11-0031	LF		>30" To 42" Diameter Pipe Inspection, Post-Rehabilitation Phase..... Note: CCTV inspection of pipe interior. <i>For >500 To 1,000, Deduct</i> <i>For >1,000 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	7.47 -0.75 -1.87 -2.61	
33 01 30 11-0032	LF		>42" To 60" Diameter Pipe Inspection, Post-Rehabilitation Phase..... Note: CCTV inspection of pipe interior. <i>For >500 To 1,000, Deduct</i> <i>For >1,000 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	9.96 -1.00 -2.49 -3.49	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**
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33 01 30 11-0033	LF	>60" To 72" Diameter Pipe Inspection, Post-Rehabilitation Phase.....	14.07
		Note: CCTV inspection of pipe interior.	
		For >500 To 1,000, Deduct	-1.41
		For >1,000 To 5,000, Deduct	-3.52
		For >5,000, Deduct	-4.92
33 01 30 11-0034	LF	>72" To 84" Diameter Pipe Inspection, Post-Rehabilitation Phase.....	19.93
		Note: CCTV inspection of pipe interior.	
		For >500 To 1,000, Deduct	-1.99
		For >1,000 To 5,000, Deduct	-4.98
		For >5,000, Deduct	-6.98

33 01 30 41 Cleaning of Sewers (33 01 30)**33 01 30 41-0001 Pipe Line Cleaning And Flushing (33 01 30 41)**

Note: Includes flushing. Owner provided water.

33 01 30 41-0002 Pipe Line Cleaning (33 01 30 41-0001)

Note: Includes removal of all debris/waste. Excludes disposal.

33 01 30 41-0003 Hydro Jet Set-up And Reinsertion (33 01 30 41-0002)

Note: Includes mobilization delivery, set-up, clean-up after use and return.

33 01 30 41-0004	EA	Initial Set Up And Final Equipment Removal For Up To 8" Jet Cleaning.....	1,332.90
33 01 30 41-0005	EA	Initial Set Up And Final Equipment Removal For >8" To 12" Jet Cleaning.....	1,999.36
33 01 30 41-0006	EA	Initial Set Up And Final Equipment Removal For >12" To 30" Jet Cleaning.....	2,665.82
33 01 30 41-0007	EA	Initial Set Up And Final Equipment Removal For >30" Jet Cleaning.....	3,554.42
33 01 30 41-0008	EA	Move And Reset Up At Different Access/Location For Up To 8" Jet Cleaning.....	333.22
33 01 30 41-0009	EA	Move And Reset Up At Different Access/Location For >8" To 12" Jet Cleaning.....	499.84
33 01 30 41-0010	EA	Move And Reset Up At Different Access/Location For >12" To 30" Jet Cleaning.....	666.46
33 01 30 41-0011	EA	Move And Reset Up At Different Access/Location For >30" Jet Cleaning.....	833.06

33 01 30 41-0012 Hydro Jet Cleaning Of Sewer And Water Pipelines (33 01 30 41-0002)

33 01 30 41-0013	LF	Up To 4" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....	3.58
		For >250 To 500, Deduct	-0.18
		For >500 To 1,000, Deduct	-0.36
		For >1,000 To 2,000, Deduct	-0.54
		For >2,000 To 5,000, Deduct	-0.72
		For >5,000, Deduct	-0.90
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	2.69
33 01 30 41-0014	LF	6" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....	4.11
		For >250 To 500, Deduct	-0.21
		For >500 To 1,000, Deduct	-0.41
		For >1,000 To 2,000, Deduct	-0.62
		For >2,000 To 5,000, Deduct	-0.82
		For >5,000, Deduct	-1.03
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	3.08
33 01 30 41-0015	LF	8" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....	4.83
		For >250 To 500, Deduct	-0.24
		For >500 To 1,000, Deduct	-0.48
		For >1,000 To 2,000, Deduct	-0.72
		For >2,000 To 5,000, Deduct	-0.97
		For >5,000, Deduct	-1.21
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	3.62
33 01 30 41-0016	LF	10" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....	5.97
		For >250 To 500, Deduct	-0.30
		For >500 To 1,000, Deduct	-0.60
		For >1,000 To 2,000, Deduct	-0.90
		For >2,000 To 5,000, Deduct	-1.19
		For >5,000, Deduct	-1.49
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	4.48
33 01 30 41-0017	LF	12" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....	6.77
		For >250 To 500, Deduct	-0.34
		For >500 To 1,000, Deduct	-0.68
		For >1,000 To 2,000, Deduct	-1.02
		For >2,000 To 5,000, Deduct	-1.35
		For >5,000, Deduct	-1.69
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	5.08
33 01 30 41-0018	LF	>12" To 16" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....	7.82
		For >250 To 500, Deduct	-0.39
		For >500 To 1,000, Deduct	-0.78
		For >1,000 To 2,000, Deduct	-1.17
		For >2,000 To 5,000, Deduct	-1.56
		For >5,000, Deduct	-1.96
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	5.87
33 01 30 41-0019	LF	>16" To 24" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....	9.41
		For >250 To 500, Deduct	-0.47
		For >500 To 1,000, Deduct	-0.94
		For >1,000 To 2,000, Deduct	-1.41
		For >2,000 To 5,000, Deduct	-1.88
		For >5,000, Deduct	-2.35
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	7.06
33 01 30 41-0020	LF	>24" To 30" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....	10.68
		For >250 To 500, Deduct	-0.53
		For >500 To 1,000, Deduct	-1.07
		For >1,000 To 2,000, Deduct	-1.60
		For >2,000 To 5,000, Deduct	-2.14
		For >5,000, Deduct	-2.67
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	8.01

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 01 30 41-0021	LF	>30" To 42" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....		12.62	
		For >250 To 500, Deduct		-0.63	
		For >500 To 1,000, Deduct		-1.26	
		For >1,000 To 2,000, Deduct		-1.89	
		For >2,000 To 5,000, Deduct		-2.52	
		For >5,000, Deduct		-3.16	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add		9.47	
33 01 30 41-0022	LF	>42" To 60" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....		15.86	
		For >250 To 500, Deduct		-0.79	
		For >500 To 1,000, Deduct		-1.59	
		For >1,000 To 2,000, Deduct		-2.38	
		For >2,000 To 5,000, Deduct		-3.17	
		For >5,000, Deduct		-3.97	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add		11.90	
33 01 30 41-0023	LF	>60" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes		18.51	
		For >250 To 500, Deduct		-0.93	
		For >500 To 1,000, Deduct		-1.85	
		For >1,000 To 2,000, Deduct		-2.78	
		For >2,000 To 5,000, Deduct		-3.70	
		For >5,000, Deduct		-4.63	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add		13.88	

33 01 30 41-0024 Flushing Of Storm Water Pipelines (33 01 30 41-0002)

Note: To remove silt and small debris from storm drainage pipes. Excludes disposal.

33 01 30 41-0025	LF	12" To 16" Diameter Pipe Line Flushing		1.33	
		For >250 To 500, Deduct		-0.07	
		For >500 To 1,000, Deduct		-0.13	
		For >1,000 To 2,000, Deduct		-0.20	
		For >2,000 To 5,000, Deduct		-0.27	
		For >5,000, Deduct		-0.33	
33 01 30 41-0026	LF	>16" To 24" Diameter Pipe Line Flushing		1.53	
		For >250 To 500, Deduct		-0.08	
		For >500 To 1,000, Deduct		-0.15	
		For >1,000 To 2,000, Deduct		-0.23	
		For >2,000 To 5,000, Deduct		-0.31	
		For >5,000, Deduct		-0.38	
33 01 30 41-0027	LF	>24" To 30" Diameter Pipe Line Flushing		1.79	
		For >250 To 500, Deduct		-0.09	
		For >500 To 1,000, Deduct		-0.18	
		For >1,000 To 2,000, Deduct		-0.27	
		For >2,000 To 5,000, Deduct		-0.36	
		For >5,000, Deduct		-0.45	
33 01 30 41-0028	LF	>30" To 42" Diameter Pipe Line Flushing		2.06	
		For >250 To 500, Deduct		-0.10	
		For >500 To 1,000, Deduct		-0.21	
		For >1,000 To 2,000, Deduct		-0.31	
		For >2,000 To 5,000, Deduct		-0.41	
		For >5,000, Deduct		-0.52	
33 01 30 41-0029	LF	>42" To 60" Diameter Pipe Line Flushing		2.74	
		For >250 To 500, Deduct		-0.14	
		For >500 To 1,000, Deduct		-0.27	
		For >1,000 To 2,000, Deduct		-0.41	
		For >2,000 To 5,000, Deduct		-0.55	
		For >5,000, Deduct		-0.69	

33 01 30 41-0030 Hydro Jet Cleaning Of Culverts (33 01 30 41-0002)

33 01 30 41-0031	LF	Jet Cleaning Of Culvert, 0-250 LF		16.58	
		For >250 To 500, Deduct		-0.83	
		For >500 To 1,000, Deduct		-1.66	
		For >1,000 To 2,000, Deduct		-2.49	
		For >2,000 To 5,000, Deduct		-3.32	
		For >5,000, Deduct		-4.15	

33 01 30 41-0032 Pipe Line Cleaning, Mechanical Method (33 01 30 41-0001)

Note: Power winching buckets, scrapers, scooters, porcupines, brushes and other debris removing equipment. Includes removal of all debris/waste. Excludes disposal.

33 01 30 41-0033	EA	Initial Set Up And Final Equipment Removal For Mechanical Cleaning.....		1,162.84	
33 01 30 41-0034	EA	Move And Reset Up At Different Access/Location.....		387.61	
33 01 30 41-0035	LF	Up To 4" Diameter Pipe Line Cleaning, Mechanical Method		6.75	
		For >250 To 500, Deduct		-0.32	
		For >500 To 1,000, Deduct		-0.65	
		For >1,000 To 2,000, Deduct		-0.97	
		For >2,000 To 5,000, Deduct		-1.29	
		For >5,000, Deduct		-1.62	
33 01 30 41-0036	LF	6" Diameter Pipe Line Cleaning, Mechanical Method.....		8.88	
		For >250 To 500, Deduct		-0.42	
		For >500 To 1,000, Deduct		-0.83	
		For >1,000 To 2,000, Deduct		-1.25	
		For >2,000 To 5,000, Deduct		-1.66	
		For >5,000, Deduct		-2.08	
33 01 30 41-0037	LF	8" Diameter Pipe Line Cleaning, Mechanical Method.....		10.41	
		For >250 To 500, Deduct		-0.48	
		For >500 To 1,000, Deduct		-0.97	
		For >1,000 To 2,000, Deduct		-1.45	
		For >2,000 To 5,000, Deduct		-1.94	
		For >5,000, Deduct		-2.42	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**
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33 01 30 41-0038	LF	10" Diameter Pipe Line Cleaning, Mechanical Method.....	12.05
		<i>For >250 To 500, Deduct</i>	-0.56
		<i>For >500 To 1,000, Deduct</i>	-1.12
		<i>For >1,000 To 2,000, Deduct</i>	-1.68
		<i>For >2,000 To 5,000, Deduct</i>	-2.24
		<i>For >5,000, Deduct</i>	-2.80
33 01 30 41-0039	LF	12" Diameter Pipe Line Cleaning, Mechanical Method.....	13.12
		<i>For >250 To 500, Deduct</i>	-0.61
		<i>For >500 To 1,000, Deduct</i>	-1.21
		<i>For >1,000 To 2,000, Deduct</i>	-1.82
		<i>For >2,000 To 5,000, Deduct</i>	-2.42
		<i>For >5,000, Deduct</i>	-3.03
33 01 30 41-0040	LF	>12" To 16" Diameter Pipe Line Cleaning, Mechanical Method.....	15.14
		<i>For >250 To 500, Deduct</i>	-0.69
		<i>For >500 To 1,000, Deduct</i>	-1.38
		<i>For >1,000 To 2,000, Deduct</i>	-2.08
		<i>For >2,000 To 5,000, Deduct</i>	-2.77
		<i>For >5,000, Deduct</i>	-3.46
33 01 30 41-0041	LF	>16" To 24" Diameter Pipe Line Cleaning, Mechanical Method.....	19.13
		<i>For >250 To 500, Deduct</i>	-0.86
		<i>For >500 To 1,000, Deduct</i>	-1.71
		<i>For >1,000 To 2,000, Deduct</i>	-2.57
		<i>For >2,000 To 5,000, Deduct</i>	-3.42
		<i>For >5,000, Deduct</i>	-4.28
33 01 30 41-0042	LF	>24" To 30" Diameter Pipe Line Cleaning, Mechanical Method.....	21.96
		<i>For >250 To 500, Deduct</i>	-0.95
		<i>For >500 To 1,000, Deduct</i>	-1.91
		<i>For >1,000 To 2,000, Deduct</i>	-2.86
		<i>For >2,000 To 5,000, Deduct</i>	-3.81
		<i>For >5,000, Deduct</i>	-4.77
33 01 30 41-0043	LF	>30" To 42" Diameter Pipe Line Cleaning, Mechanical Method.....	25.57
		<i>For >250 To 500, Deduct</i>	-1.10
		<i>For >500 To 1,000, Deduct</i>	-2.20
		<i>For >1,000 To 2,000, Deduct</i>	-3.29
		<i>For >2,000 To 5,000, Deduct</i>	-4.39
		<i>For >5,000, Deduct</i>	-5.49
33 01 30 41-0044	LF	>42 To 60" Diameter Pipe Line Cleaning, Mechanical Method.....	33.41
		<i>For >250 To 500, Deduct</i>	-1.45
		<i>For >500 To 1,000, Deduct</i>	-2.91
		<i>For >1,000 To 2,000, Deduct</i>	-4.36
		<i>For >2,000 To 5,000, Deduct</i>	-5.81
		<i>For >5,000, Deduct</i>	-7.27
33 01 30 41-0045	LF	>60" Diameter Pipe Line Cleaning, Mechanical Method.....	38.10
		<i>For >250 To 500, Deduct</i>	-1.62
		<i>For >500 To 1,000, Deduct</i>	-3.23
		<i>For >1,000 To 2,000, Deduct</i>	-4.85
		<i>For >2,000 To 5,000, Deduct</i>	-6.46
		<i>For >5,000, Deduct</i>	-8.08

33 01 30 41-0046 Pipe Line Auguring/Rod Out Pipe (33 01 30 41-0001)

33 01 30 41-0047	EA	Initial Set Up And Final Equipment Removal For Auguring.....	1,162.84
33 01 30 41-0048	EA	Move And Reset Up At Different Location	387.61
33 01 30 41-0049	LF	Up To 4" Diameter Pipe Line Auguring/Rod Out.....	3.87
		<i>For >250 To 500, Deduct</i>	-0.19
		<i>For >500 To 1,000, Deduct</i>	-0.39
		<i>For >1,000 To 2,000, Deduct</i>	-0.58
		<i>For >2,000 To 5,000, Deduct</i>	-0.77
		<i>For >5,000, Deduct</i>	-0.97
33 01 30 41-0050	LF	6" Diameter Pipe Line Auguring/Rod Out	5.01
		<i>For >250 To 500, Deduct</i>	-0.25
		<i>For >500 To 1,000, Deduct</i>	-0.50
		<i>For >1,000 To 2,000, Deduct</i>	-0.75
		<i>For >2,000 To 5,000, Deduct</i>	-1.00
		<i>For >5,000, Deduct</i>	-1.25
33 01 30 41-0051	LF	8" Diameter Pipe Line Auguring/Rod Out	5.81
		<i>For >250 To 500, Deduct</i>	-0.29
		<i>For >500 To 1,000, Deduct</i>	-0.58
		<i>For >1,000 To 2,000, Deduct</i>	-0.87
		<i>For >2,000 To 5,000, Deduct</i>	-1.16
		<i>For >5,000, Deduct</i>	-1.45
33 01 30 41-0052	LF	10" Diameter Pipe Line Auguring/Rod Out	6.77
		<i>For >250 To 500, Deduct</i>	-0.34
		<i>For >500 To 1,000, Deduct</i>	-0.68
		<i>For >1,000 To 2,000, Deduct</i>	-1.02
		<i>For >2,000 To 5,000, Deduct</i>	-1.35
		<i>For >5,000, Deduct</i>	-1.69
33 01 30 41-0053	LF	12" Diameter Pipe Line Auguring/Rod Out	7.27
		<i>For >250 To 500, Deduct</i>	-0.36
		<i>For >500 To 1,000, Deduct</i>	-0.73
		<i>For >1,000 To 2,000, Deduct</i>	-1.09
		<i>For >2,000 To 5,000, Deduct</i>	-1.45
		<i>For >5,000, Deduct</i>	-1.82
33 01 30 41-0054	LF	>12" To 16" Diameter Pipe Line Auguring/Rod Out.....	8.30
		<i>For >250 To 500, Deduct</i>	-0.42
		<i>For >500 To 1,000, Deduct</i>	-0.83
		<i>For >1,000 To 2,000, Deduct</i>	-1.25
		<i>For >2,000 To 5,000, Deduct</i>	-1.66
		<i>For >5,000, Deduct</i>	-2.08

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 01 30 41-0055 LF >16" To 24" Diameter Pipe Line Auguring/Rod Out.....	10.20	
<i>For >250 To 500, Deduct</i>	-0.51	
<i>For >500 To 1,000, Deduct</i>	-1.02	
<i>For >1,000 To 2,000, Deduct</i>	-1.53	
<i>For >2,000 To 5,000, Deduct</i>	-2.04	
<i>For >5,000, Deduct</i>	-2.55	
33 01 30 41-0056 LF >24" To 30" Diameter Pipe Line Auguring/Rod Out.....	11.40	
<i>For >250 To 500, Deduct</i>	-0.57	
<i>For >500 To 1,000, Deduct</i>	-1.14	
<i>For >1,000 To 2,000, Deduct</i>	-1.71	
<i>For >2,000 To 5,000, Deduct</i>	-2.28	
<i>For >5,000, Deduct</i>	-2.85	
33 01 30 41-0057 LF >30" To 42" Diameter Pipe Line Auguring/Rod Out.....	13.21	
<i>For >250 To 500, Deduct</i>	-0.66	
<i>For >500 To 1,000, Deduct</i>	-1.32	
<i>For >1,000 To 2,000, Deduct</i>	-1.98	
<i>For >2,000 To 5,000, Deduct</i>	-2.64	
<i>For >5,000, Deduct</i>	-3.30	
33 01 30 41-0058 LF >42 To 60" Diameter Pipe Line Auguring/Rod Out.....	18.17	
<i>For >250 To 500, Deduct</i>	-0.91	
<i>For >500 To 1,000, Deduct</i>	-1.82	
<i>For >1,000 To 2,000, Deduct</i>	-2.73	
<i>For >2,000 To 5,000, Deduct</i>	-3.63	
<i>For >5,000, Deduct</i>	-4.54	
33 01 30 41-0059 LF >60" Diameter Pipe Line Auguring/Rod Out.....	19.39	
<i>For >250 To 500, Deduct</i>	-0.97	
<i>For >500 To 1,000, Deduct</i>	-1.94	
<i>For >1,000 To 2,000, Deduct</i>	-2.91	
<i>For >2,000 To 5,000, Deduct</i>	-3.88	
<i>For >5,000, Deduct</i>	-4.85	

33 01 30 42 Cleaning of Manholes (33 01 30)

33 01 30 42-0001 Structure Cleaning And Flushing (33 01 30 42)
Note: Includes flushing. Owner provided water.

33 01 30 42-0002 Rod Out Structures And Other Hand Operations (33 01 30 42-0001)

33 01 30 42-0003 EA Rod Out Waste Water Drain	50.88
33 01 30 42-0004 EA Rod Out Sewer Catch Basin	101.76
33 01 30 42-0005 EA Up To 6" Diameter Pipe, Rod Out Blockage	20.35
33 01 30 42-0006 EA 8" Diameter Pipe, Rod Out Blockage.....	22.39
33 01 30 42-0007 EA 10" Diameter Pipe, Rod Out Blockage.....	25.44
33 01 30 42-0008 EA 12" Diameter Pipe, Rod Out Blockage.....	29.51
33 01 30 42-0009 EA >12" To 16" Diameter Pipe, Rod Out Blockage	34.60
33 01 30 42-0010 EA >16" To 24" Diameter Pipe, Rod Out Blockage	40.71
33 01 30 42-0011 EA >24" To 30" Diameter Pipe, Rod Out Blockage	47.83
33 01 30 42-0012 EA >30" To 42" Diameter Pipe, Rod Out Blockage	54.95
33 01 30 42-0013 EA >42" To 60" Diameter Pipe, Rod Out Blockage	64.11
33 01 30 42-0014 EA >60" Diameter Pipe, Rod Out Blockage.....	76.32
33 01 30 42-0015 EA Clean Out Debris From Entrance To Inlet Structure	254.40
33 01 30 42-0016 EA 3' To 4' Diameter, Clean Out Blocked Manhole By Hand	821.97
<i>For >10 To 100, Deduct</i>	-123.30
<i>For >100 To 250, Deduct</i>	-184.94
<i>For >250, Deduct</i>	-246.59
33 01 30 42-0017 EA 5' To 6' Diameter, Clean Out Blocked Manhole By Hand	986.35
<i>For >10 To 100, Deduct</i>	-147.95
<i>For >100 To 250, Deduct</i>	-221.93
<i>For >250, Deduct</i>	-295.91
33 01 30 42-0018 EA Clean Out Blocked Catch Basin By Hand.....	493.18
<i>For >10 To 100, Deduct</i>	-73.98
<i>For >100 To 250, Deduct</i>	-110.97
<i>For >250, Deduct</i>	-147.95

33 01 30 42-0019 Cleaning Manholes And Drainage Structures With Jet/Vacuum (33 01 30 42-0001)

Note: Includes the removal of debris with high pressure water jetting and vacuum equipment and cleaning of grate. Excludes hardened concrete debris and disposal of material.

33 01 30 42-0020 EA Jet/Vacuum Clean 1 To 2 Catch Basins Or Manholes.....	286.67
33 01 30 42-0021 EA Jet/Vacuum Clean 3 To 10 Catch Basins Or Manholes.....	266.29
33 01 30 42-0022 EA Jet/Vacuum Clean 11 To 25 Catch Basins Or Manholes.....	245.92
33 01 30 42-0023 EA Jet/Vacuum Clean 26 To 100 Catch Basins Or Manholes.....	225.56
33 01 30 42-0024 EA Jet/Vacuum Clean 101 To 250 Catch Basins Or Manholes.....	205.18
33 01 30 42-0025 EA Jet/Vacuum Clean >250 Catch Basins Or Manholes.....	184.81

33 01 30 51 Maintenance of Utilities (33 01 30)

33 01 30 51-0001 Pipe Repair (33 01 30 51)
Note: Excludes excavation and backfill where required See CSI section 31 23 00 00-0000 for excavation and backfill.

33 01 30 51-0002 Pipe Repair Clamp, Full Circle, Single Band (33 01 30 51-0001)

Note: Repair clamps for asbestos cement pipe, cast iron soil pipe, non-reinforced concrete pipe, PVC pipe, vitrified clay pipe, gray iron pipe and ductile iron pipe.

33 01 30 51-0003 EA 2" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	128.03
<i>For Stainless Steel Nuts And Bolts, Add</i>	20.64
33 01 30 51-0004 EA 2" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	181.65
<i>For Stainless Steel Nuts And Bolts, Add</i>	31.10

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01	30 51-0005	EA	2" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	209.76 36.63	
33 01	30 51-0006	EA	2" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	238.91 42.14	
33 01	30 51-0007	EA	2-1/2" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	138.08 22.41	
33 01	30 51-0008	EA	2-1/2" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	193.06 33.19	
33 01	30 51-0009	EA	2-1/2" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	221.17 38.59	
33 01	30 51-0010	EA	2-1/2" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	255.50 45.15	
33 01	30 51-0011	EA	3" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	148.40 24.52	
33 01	30 51-0012	EA	3" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	200.78 34.70	
33 01	30 51-0013	EA	3" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	232.03 40.68	
33 01	30 51-0014	EA	3" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	270.36 48.30	
33 01	30 51-0015	EA	4" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	167.16 27.88	
33 01	30 51-0016	EA	4" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	220.67 37.53	
33 01	30 51-0017	EA	4" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	267.57 45.68	
33 01	30 51-0018	EA	4" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	322.34 55.11	
33 01	30 51-0019	EA	4" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	421.11 74.02	
33 01	30 51-0020	EA	4" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	523.75 92.93	
33 01	30 51-0021	EA	4" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	638.86 113.99	
33 01	30 51-0022	EA	6" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	196.48 32.90	
33 01	30 51-0023	EA	6" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	260.84 44.63	
33 01	30 51-0024	EA	6" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	308.97 52.62	
33 01	30 51-0025	EA	6" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	362.07 61.15	
33 01	30 51-0026	EA	6" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	500.70 88.61	
33 01	30 51-0027	EA	6" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	608.76 108.06	
33 01	30 51-0028	EA	6" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	727.08 129.12	
33 01	30 51-0029	EA	8" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	256.63 39.36	
33 01	30 51-0030	EA	8" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	333.33 52.08	
33 01	30 51-0031	EA	8" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	402.29 63.02	
33 01	30 51-0032	EA	8" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	480.44 75.10	
33 01	30 51-0033	EA	8" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	637.27 104.04	
33 01	30 51-0034	EA	8" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	762.19 124.41	
33 01	30 51-0035	EA	8" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	902.82 146.43	
33 01	30 51-0036	EA	10" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	300.20 47.90	
33 01	30 51-0037	EA	10" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	402.99 66.26	
33 01	30 51-0038	EA	10" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	474.73 77.47	
33 01	30 51-0039	EA	10" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	582.30 95.82	
33 01	30 51-0040	EA	10" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	763.90 129.97	
33 01	30 51-0041	EA	10" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	869.95 145.27	
33 01	30 51-0042	EA	10" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,118.66 191.65	
33 01	30 51-0043	EA	12" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	341.81 54.03	
33 01	30 51-0044	EA	12" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	446.05 71.86	
33 01	30 51-0045	EA	12" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	538.41 86.96	
33 01	30 51-0046	EA	12" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	662.20 108.06	
33 01	30 51-0047	EA	12" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	851.42 142.72	
33 01	30 51-0048	EA	12" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,001.49 166.67	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 01 30 51-0049	EA			12" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,272.01 216.11	
33 01 30 51-0050 Pipe Repair Clamp, Full Circle, Double Bands <small>(33 01 30 51-0001)</small>						
Note: Repair clamps for reinforced concrete pipe, gray iron pipe and ductile iron pipe.						
33 01 30 51-0051	EA			14.38"-15.13" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	756.82 207.89	
33 01 30 51-0052	EA			14.38"-15.13" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,072.21 300.12	
33 01 30 51-0053	EA			14.38"-15.13" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,443.42 407.00	
33 01 30 51-0054	EA			14.38"-15.13" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	2,124.34 613.43	
33 01 30 51-0055	EA			15.07"-15.82" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	794.39 218.12	
33 01 30 51-0056	EA			15.07"-15.82" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,122.42 314.03	
33 01 30 51-0057	EA			15.07"-15.82" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,507.38 424.56	
33 01 30 51-0058	EA			15.07"-15.82" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	2,226.97 642.70	
33 01 30 51-0059	EA			15.92"-16.67" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	814.82 222.53	
33 01 30 51-0060	EA			15.92"-16.67" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,149.29 319.90	
33 01 30 51-0061	EA			15.92"-16.67" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,547.14 434.08	
33 01 30 51-0062	EA			15.92"-16.67" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	2,283.89 656.60	
33 01 30 51-0063	EA			16.56"-17.31" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	836.28 226.92	
33 01 30 51-0064	EA			16.56"-17.31" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,179.90 326.48	
33 01 30 51-0065	EA			16.56"-17.31" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,585.77 442.13	
33 01 30 51-0066	EA			16.56"-17.31" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	2,340.84 669.79	
33 01 30 51-0067	EA			17.15"-17.90" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	855.63 230.58	
33 01 30 51-0068	EA			17.15"-17.90" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,206.16 331.60	
33 01 30 51-0069	EA			17.15"-17.90" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,624.40 450.18	
33 01 30 51-0070	EA			17.15"-17.90" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	2,392.39 680.76	
33 01 30 51-0071	EA			17.82"-18.57" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	873.88 234.25	
33 01 30 51-0072	EA			17.82"-18.57" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,233.01 337.45	
33 01 30 51-0073	EA			17.82"-18.57" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,658.78 457.50	
33 01 30 51-0074	EA			17.82"-18.57" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	2,425.59 686.25	
33 01 30 51-0075	EA			18.46"-19.21" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	894.77 238.81	
33 01 30 51-0076	EA			18.46"-19.21" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,264.69 344.77	
33 01 30 51-0077	EA			18.46"-19.21" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,695.26 465.55	
33 01 30 51-0078	EA			18.46"-19.21" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	2,498.72 705.65	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 01 30 51-0079	Repair Couplings and Fittings (33 01 30 51-0001)		
33 01 30 51-0080	Couplings And Fittings For Copper Pipe, Compression (33 01 30 51-0079) Note: Includes gaskets. Dresser style 88.		
33 01 30 51-0081	Copper Compression Repair Couplings (33 01 30 51-0080)		
33 01 30 51-0082	EA 1/2" Copper Compression Repair Coupling.....	92.93	
33 01 30 51-0083	EA 3/4" Copper Compression Repair Coupling.....	107.88	
33 01 30 51-0084	EA 1" Copper Compression Repair Coupling.....	126.89	
33 01 30 51-0085	EA 1-1/4" Copper Compression Repair Coupling.....	142.57	
33 01 30 51-0086	EA 1-1/2" Copper Compression Repair Coupling.....	223.18	
33 01 30 51-0087	Copper Compression Repair Fitting, 90 Degree Elbows (33 01 30 51-0080)		
33 01 30 51-0088	EA 1/2" Copper Compression Repair 90 Degree Elbow.....	112.89	
33 01 30 51-0089	EA 1" Copper Compression Repair 90 Degree Elbow.....	129.75	
33 01 30 51-0090	EA 1-1/2" Copper Compression Repair 90 Degree Elbow.....	268.56	
33 01 30 51-0091	EA 1" IPS x 1" CTS 90 Degree Plain End Street Elbow.....	103.02	
33 01 30 51-0092	EA 3/4" IPS x 3/4" CTS 90 Degree Threaded End Street Elbow.....	92.92	
33 01 30 51-0093	EA 1" IPS x 1" CTS 90 Degree Threaded End Street Elbow.....	108.80	
33 01 30 51-0094	EA 1-1/4" IPS x 1" CTS 90 Degree Threaded End Street Elbow.....	135.37	
33 01 30 51-0095	Copper Compression Repair Fitting, Tees (33 01 30 51-0080)		
33 01 30 51-0096	EA 1/2" Copper Compression Repair Tee.....	209.10	
33 01 30 51-0097	EA 3/4" Copper Compression Repair Tee.....	158.27	
33 01 30 51-0098	EA 1" Copper Compression Repair Tee.....	188.26	
33 01 30 51-0099	EA 1" F x 1" M x 1" CTS Street Tee.....	152.88	
33 01 30 51-0100	Copper Compression Repair Fitting, Male Adapters (33 01 30 51-0080)		
33 01 30 51-0101	EA 3/4" M x 1/2" CTS Male Adapter.....	98.06	
33 01 30 51-0102	EA 3/4" M x 3/4" CTS Male Adapter.....	77.59	
33 01 30 51-0103	EA 1" M x 1" CTS Male Adapter.....	87.71	
33 01 30 51-0104	EA 1-1/4" M x 1" CTS Male Adapter.....	105.75	
33 01 30 51-0105	EA 1-1/4" M x 1-1/4" CTS Male Adapter.....	128.19	
33 01 30 51-0106	EA 1-1/2" M x 1" CTS Male Adapter.....	139.29	
33 01 30 51-0107	Copper Compression Repair Fitting, Female Adapters (33 01 30 51-0080)		
33 01 30 51-0108	EA 3/4" M x 3/4" CTS Female Adapter.....	115.50	
33 01 30 51-0109	EA 1" M x 1" CTS Female Adapter.....	121.31	
33 01 30 51-0110	Couplings And Fittings For Steel Pipe, Cast Body, Compression (33 01 30 51-0079) Note: Includes gaskets. Dresser style 90.		
33 01 30 51-0111	Couplings For Steel Pipe, Cast Body (Compression) (33 01 30 51-0110) Note: Includes gaskets.		
33 01 30 51-0112	EA 1/2" Coupling, Cast Body (Compression), 5" Middle Ring.....	71.96	
33 01 30 51-0113	EA 3/4" Coupling, Cast Body (Compression), 5" Middle Ring.....	71.77	
33 01 30 51-0114	EA 1" Coupling, Cast Body (Compression), 5" Middle Ring.....	80.55	
33 01 30 51-0115	EA 1-1/4" Coupling, Cast Body (Compression), 5" Middle Ring.....	89.41	
33 01 30 51-0116	EA 1-1/2" Coupling, Cast Body (Compression), 5" Middle Ring.....	110.37	
33 01 30 51-0117	EA 2" Coupling, Cast Body (Compression), 5" Middle Ring.....	134.48	
33 01 30 51-0118	EA 1/2" Coupling, Cast Body (Compression), 5" Middle Ring With Armored Gasket.....	74.12	
33 01 30 51-0119	EA 3/4" Coupling, Cast Body (Compression), 5" Middle Ring With Armored Gasket.....	74.16	
33 01 30 51-0120	EA 1" Coupling, Cast Body (Compression), 5" Middle Ring With Armored Gasket.....	80.91	
33 01 30 51-0121	EA 1-1/4" Coupling, Cast Body (Compression), 5" Middle Ring With Armored Gasket.....	90.52	
33 01 30 51-0122	EA 1-1/2" Coupling, Cast Body (Compression), 5" Middle Ring With Armored Gasket.....	114.01	
33 01 30 51-0123	EA 2" Coupling, Cast Body (Compression), 5" Middle Ring With Armored Gasket.....	136.08	
33 01 30 51-0124	EA 3/4" Coupling, Steel Body (Compression), 5" Middle Ring With Armored Gasket.....	146.08	
33 01 30 51-0125	EA 1" Coupling, Steel Body (Compression), 5" Middle Ring With Armored Gasket.....	170.93	
33 01 30 51-0126	EA 1-1/4" Coupling, Steel Body (Compression), 5" Middle Ring With Armored Gasket.....	176.97	
33 01 30 51-0127	EA 1-1/2" Coupling, Steel Body (Compression), 5" Middle Ring With Armored Gasket.....	197.74	
33 01 30 51-0128	EA 2" Coupling, Steel Body (Compression), 5" Middle Ring With Armored Gasket.....	240.84	
33 01 30 51-0129	Reducing Couplings For Steel Pipe (Compression) (33 01 30 51-0110) Note: Includes armored gaskets.		
33 01 30 51-0130	EA 3/4" x 1/2" Reducing Coupling (Compression).....	79.00	
33 01 30 51-0131	EA 1" x 3/4" Reducing Coupling (Compression).....	82.90	
33 01 30 51-0132	EA 1-1/4" x 3/4" Reducing Coupling (Compression).....	93.36	
33 01 30 51-0133	EA 1-1/4" x 1" Reducing Coupling (Compression).....	97.35	
33 01 30 51-0134	EA 1-1/2" x 3/4" Reducing Coupling (Compression).....	193.75	
33 01 30 51-0135	EA 1-1/2" x 1" Reducing Coupling (Compression).....	116.57	
33 01 30 51-0136	EA 1-1/2" x 1-1/4" Reducing Coupling (Compression).....	117.13	
33 01 30 51-0137	EA 2" x 3/4" Reducing Coupling (Compression).....	231.34	
33 01 30 51-0138	EA 2" x 1" Reducing Coupling (Compression).....	209.17	
33 01 30 51-0139	EA 2" x 1-1/4" Reducing Coupling (Compression).....	156.41	
33 01 30 51-0140	EA 2" x 1-1/2" Reducing Coupling (Compression).....	155.83	

	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 01 30 51-0141 Steel Compression Repair Fittings, Elbows (33 01 30 51-0110)
Note: Includes armored gaskets.

33 01 30 51-0142	EA 1" 45 Degree Elbow (Compression).....	133.79	
33 01 30 51-0143	EA 1-1/4" 45 Degree Elbow (Compression).....	138.59	
33 01 30 51-0144	EA 1-1/2" 45 Degree Elbow (Compression).....	179.41	
33 01 30 51-0145	EA 2" 45 Degree Elbow (Compression).....	227.20	
33 01 30 51-0146	EA 3/4" 90 Degree Elbow (Compression).....	88.20	
33 01 30 51-0147	EA 1" 90 Degree Elbow (Compression).....	90.60	
33 01 30 51-0148	EA 1-1/4" 90 Degree Elbow (Compression).....	106.33	
33 01 30 51-0149	EA 1-1/2" 90 Degree Elbow (Compression).....	153.25	
33 01 30 51-0150	EA 2" 90 Degree Elbow (Compression).....	166.71	
33 01 30 51-0151	EA 3/4" Plain End 90 Degree Street Elbow (Compression).....	88.51	
33 01 30 51-0152	EA 1" Plain End 90 Degree Street Elbow (Compression).....	76.22	
33 01 30 51-0153	EA 1-1/4" Plain End 90 Degree Street Elbow (Compression).....	85.98	
33 01 30 51-0154	EA 1-1/2" Plain End 90 Degree Street Elbow (Compression).....	108.89	
33 01 30 51-0155	EA 2" Plain End 90 Degree Street Elbow (Compression).....	141.62	
33 01 30 51-0156	EA 3/4" Threaded End 90 Degree Street Elbow (Compression).....	91.63	
33 01 30 51-0157	EA 1" Threaded End 90 Degree Street Elbow (Compression).....	82.07	
33 01 30 51-0158	EA 1-1/4" Threaded End 90 Degree Street Elbow (Compression).....	107.72	
33 01 30 51-0159	EA 1-1/2" Threaded End 90 Degree Street Elbow (Compression).....	129.63	
33 01 30 51-0160	EA 2" Threaded End 90 Degree Street Elbow (Compression).....	185.98	

33 01 30 51-0161 Steel Compression Repair Fittings, Tees (33 01 30 51-0110)
Note: Includes armored gaskets.

33 01 30 51-0162	EA 3/4" Street Tee (Compression).....	94.59	
33 01 30 51-0163	EA 1" Street Tee (Compression).....	111.44	
33 01 30 51-0164	EA 1-1/4" Street Tee (Compression).....	111.20	
33 01 30 51-0165	EA 1-1/2" Street Tee (Compression).....	127.24	
33 01 30 51-0166	EA 2" Street Tee (Compression).....	197.27	
33 01 30 51-0167	EA 1-1/4" x 1-1/4" x 1" Reducing Street Tee (Compression).....	110.07	
33 01 30 51-0168	EA 1-1/4" x 1" x 1-1/4" Reducing Street Tee (Compression).....	115.74	
33 01 30 51-0169	EA 1-1/2" x 1-1/2" x 1" Reducing Street Tee (Compression).....	144.99	
33 01 30 51-0170	EA 1-1/2" x 1-1/2" x 1-1/4" Reducing Street Tee (Compression).....	170.59	
33 01 30 51-0171	EA 1-1/2" x 1" x 1-1/2" Reducing Street Tee (Compression).....	171.72	
33 01 30 51-0172	EA 1-1/2" x 1-1/4" x 1-1/2" Reducing Street Tee (Compression).....	142.58	
33 01 30 51-0173	EA 2" x 1-1/4" x 2" Reducing Street Tee (Compression).....	191.74	
33 01 30 51-0174	EA 2" x 1-1/2" x 2" Reducing Street Tee (Compression).....	220.18	
33 01 30 51-0175	EA 3/4" Welding Street Tee (Compression).....	179.91	
33 01 30 51-0176	EA 1" Welding Street Tee (Compression).....	178.97	
33 01 30 51-0177	EA 1-1/4" Welding Street Tee (Compression).....	191.23	
33 01 30 51-0178	EA 1-1/2" Welding Street Tee (Compression).....	229.61	
33 01 30 51-0179	EA 2" Welding Street Tee (Compression).....	311.46	
33 01 30 51-0180	EA 3/4" Regular Tee (Compression).....	130.27	
33 01 30 51-0181	EA 1" Regular Tee (Compression).....	233.12	
33 01 30 51-0182	EA 1-1/4" Regular Tee (Compression).....	245.27	
33 01 30 51-0183	EA 1-1/2" Regular Tee (Compression).....	261.31	
33 01 30 51-0184	EA 2" Regular Tee (Compression).....	288.42	
33 01 30 51-0185	EA 2" x 2" x 1-1/4" Regular Reducing Tee (Compression).....	283.87	

33 01 30 51-0186 Steel Compression Repair Fittings, Male Adapters (33 01 30 51-0110)
Note: Includes armored gaskets.

33 01 30 51-0187	EA 3/4" Male Adapter (Compression).....	87.94	
33 01 30 51-0188	EA 1" Male Adapter (Compression).....	97.69	
33 01 30 51-0189	EA 1-1/4" Male Adapter (Compression).....	128.50	
33 01 30 51-0190	EA 1-1/2" Male Adapter (Compression).....	144.16	
33 01 30 51-0191	EA 2" Male Adapter (Compression).....	161.94	
33 01 30 51-0192	EA 1" x 1-1/4" Male Adapter (Compression).....	127.77	

33 01 30 51-0193 Steel Compression Repair Fittings, Line Caps (33 01 30 51-0110)
Note: Includes armored gaskets.

33 01 30 51-0194	EA 3/4" Line Caps (Compression).....	47.47	
33 01 30 51-0195	EA 1" Line Caps (Compression).....	55.26	
33 01 30 51-0196	EA 1-1/4" Line Caps (Compression).....	63.18	
33 01 30 51-0197	EA 1-1/2" Line Caps (Compression).....	74.07	
33 01 30 51-0198	EA 2" Line Caps (Compression).....	91.63	

33 01 30 51-0199 Couplings For Steel Pipe (33 01 30 51-0079)
Note: Includes Buna S gasket. Dresser style 38

33 01 30 51-0200	EA 1/2" Coupling, 3-1/2" Middle Ring With Buna S Gasket.....	69.80	
33 01 30 51-0201	EA 3/4" Coupling, 5" Middle Ring With Buna S Gasket.....	85.93	
33 01 30 51-0202	EA 1" Coupling, 5" Middle Ring With Buna S Gasket.....	98.14	
33 01 30 51-0203	EA 1-1/2" Coupling, 5" Middle Ring With Buna S Gasket.....	116.31	
33 01 30 51-0204	EA 2" Coupling, 4" Middle Ring With Buna S Gasket.....	143.85	
33 01 30 51-0205	EA 2" Coupling, 5" Middle Ring With Buna S Gasket.....	193.84	
33 01 30 51-0206	EA 2" Coupling, 7" Middle Ring With Buna S Gasket.....	181.40	
33 01 30 51-0207	EA 3" Coupling, 4" Middle Ring With Buna S Gasket.....	235.85	
33 01 30 51-0208	EA 3" Coupling, 5" Middle Ring With Buna S Gasket.....	243.38	
33 01 30 51-0209	EA 3" Coupling, 7" Middle Ring With Buna S Gasket.....	250.91	
33 01 30 51-0210	EA 4" Coupling, 4" Middle Ring With Buna S Gasket.....	271.67	
33 01 30 51-0211	EA 4" Coupling, 5" Middle Ring With Buna S Gasket.....	284.45	
33 01 30 51-0212	EA 4" Coupling, 7" Middle Ring With Buna S Gasket.....	300.47	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 01 30 51-0213	EA	5" Coupling, 4" Middle Ring With Buna S Gasket	353.34	
33 01 30 51-0214	EA	5" Coupling, 5" Middle Ring With Buna S Gasket	358.38	
33 01 30 51-0215	EA	5" Coupling, 7" Middle Ring With Buna S Gasket	376.75	
33 01 30 51-0216	EA	6" Coupling, 4" Middle Ring With Buna S Gasket	375.20	
33 01 30 51-0217	EA	6" Coupling, 5" Middle Ring With Buna S Gasket	388.85	
33 01 30 51-0218	EA	6" Coupling, 7" Middle Ring With Buna S Gasket	406.28	
33 01 30 51-0219	EA	8" Coupling, 4" Middle Ring With Buna S Gasket	437.44	
33 01 30 51-0220	EA	8" Coupling, 5" Middle Ring With Buna S Gasket	457.61	
33 01 30 51-0221	EA	8" Coupling, 7" Middle Ring With Buna S Gasket	474.18	
33 01 30 51-0222	EA	10" Coupling, 5" Middle Ring With Buna S Gasket	541.86	
33 01 30 51-0223	EA	10" Coupling, 7" Middle Ring With Buna S Gasket	637.09	
33 01 30 51-0224	EA	12" Coupling, 5" Middle Ring With Buna S Gasket	616.08	
33 01 30 51-0225	EA	12" Coupling, 7" Middle Ring With Buna S Gasket	817.96	
33 01 30 51-0226	EA	14" Coupling, 7" Middle Ring With Buna S Gasket	948.01	
33 01 30 51-0227	EA	16" Coupling, 7" Middle Ring With Buna S Gasket	1,137.65	
33 01 30 51-0228	EA	18" Coupling, 7" Middle Ring With Buna S Gasket	1,252.52	
33 01 30 51-0229	EA	20" Coupling, 7" Middle Ring With Buna S Gasket	1,352.35	
33 01 30 51-0230	EA	22" Coupling, 7" Middle Ring With Buna S Gasket	1,704.37	
33 01 30 51-0231	EA	24" Coupling, 7" Middle Ring With Buna S Gasket	1,792.92	

33 01 30 51-0232**Couplings For Steel Pipe (33 01 30 51-0079)**

Note: Includes Buna S gasket, protected, Dresser style 38.

33 01 30 51-0233	EA	1/2" Coupling, 3-1/2" Middle Ring With Buna S Gasket, Protected	71.96	
33 01 30 51-0234	EA	3/4" Coupling, 5" Middle Ring With Buna S Gasket, Protected	85.63	
33 01 30 51-0235	EA	1" Coupling, 5" Middle Ring With Buna S Gasket, Protected	98.01	
33 01 30 51-0236	EA	1-1/2" Coupling, 5" Middle Ring With Buna S Gasket, Protected	115.31	
33 01 30 51-0237	EA	2" Coupling, 4" Middle Ring With Buna S Gasket, Protected	172.57	
33 01 30 51-0238	EA	2" Coupling, 5" Middle Ring With Buna S Gasket, Protected	168.62	
33 01 30 51-0239	EA	2" Coupling, 7" Middle Ring With Buna S Gasket, Protected	170.59	
33 01 30 51-0240	EA	3" Coupling, 4" Middle Ring With Buna S Gasket, Protected	250.91	
33 01 30 51-0241	EA	3" Coupling, 5" Middle Ring With Buna S Gasket, Protected	258.43	
33 01 30 51-0242	EA	3" Coupling, 7" Middle Ring With Buna S Gasket, Protected	265.96	
33 01 30 51-0243	EA	4" Coupling, 4" Middle Ring With Buna S Gasket, Protected	292.19	
33 01 30 51-0244	EA	4" Coupling, 5" Middle Ring With Buna S Gasket, Protected	278.92	
33 01 30 51-0245	EA	4" Coupling, 7" Middle Ring With Buna S Gasket, Protected	285.90	
33 01 30 51-0246	EA	5" Coupling, 4" Middle Ring With Buna S Gasket, Protected	379.76	
33 01 30 51-0247	EA	5" Coupling, 5" Middle Ring With Buna S Gasket, Protected	383.45	
33 01 30 51-0248	EA	5" Coupling, 7" Middle Ring With Buna S Gasket, Protected	554.23	
33 01 30 51-0249	EA	6" Coupling, 4" Middle Ring With Buna S Gasket, Protected	383.28	
33 01 30 51-0250	EA	6" Coupling, 5" Middle Ring With Buna S Gasket, Protected	402.87	
33 01 30 51-0251	EA	6" Coupling, 7" Middle Ring With Buna S Gasket, Protected	410.43	
33 01 30 51-0252	EA	8" Coupling, 4" Middle Ring With Buna S Gasket, Protected	481.23	
33 01 30 51-0253	EA	8" Coupling, 5" Middle Ring With Buna S Gasket, Protected	488.67	
33 01 30 51-0254	EA	8" Coupling, 7" Middle Ring With Buna S Gasket, Protected	500.66	
33 01 30 51-0255	EA	10" Coupling, 5" Middle Ring With Buna S Gasket, Protected	559.92	
33 01 30 51-0256	EA	10" Coupling, 7" Middle Ring With Buna S Gasket, Protected	655.91	
33 01 30 51-0257	EA	12" Coupling, 5" Middle Ring With Buna S Gasket, Protected	634.90	
33 01 30 51-0258	EA	12" Coupling, 7" Middle Ring With Buna S Gasket, Protected	836.37	
33 01 30 51-0259	EA	14" Coupling, 7" Middle Ring With Buna S Gasket, Protected	966.83	
33 01 30 51-0260	EA	16" Coupling, 7" Middle Ring With Buna S Gasket, Protected	1,165.88	
33 01 30 51-0261	EA	18" Coupling, 7" Middle Ring With Buna S Gasket, Protected	1,290.16	
33 01 30 51-0262	EA	20" Coupling, 7" Middle Ring With Buna S Gasket, Protected	1,389.99	
33 01 30 51-0263	EA	22" Coupling, 7" Middle Ring With Buna S Gasket, Protected	1,742.01	
33 01 30 51-0264	EA	24" Coupling, 7" Middle Ring With Buna S Gasket, Protected	1,830.56	

33 01 30 51-0265**Couplings For Steel Pipe (33 01 30 51-0079)**

Note: Includes Buna N gasket, protected, Dresser style 38.

33 01 30 51-0266	EA	1/2" Coupling, 3-1/2" Middle Ring With Buna N Gasket, Protected	85.34	
33 01 30 51-0267	EA	3/4" Coupling, 5" Middle Ring With Buna N Gasket, Protected	99.25	
33 01 30 51-0268	EA	1" Coupling, 5" Middle Ring With Buna N Gasket, Protected	113.99	
33 01 30 51-0269	EA	1-1/2" Coupling, 5" Middle Ring With Buna N Gasket, Protected	136.07	
33 01 30 51-0270	EA	2" Coupling, 4" Middle Ring With Buna N Gasket, Protected	172.57	
33 01 30 51-0271	EA	2" Coupling, 5" Middle Ring With Buna N Gasket, Protected	206.18	
33 01 30 51-0272	EA	2" Coupling, 7" Middle Ring With Buna N Gasket, Protected	217.36	
33 01 30 51-0273	EA	3" Coupling, 4" Middle Ring With Buna N Gasket, Protected	250.91	
33 01 30 51-0274	EA	3" Coupling, 5" Middle Ring With Buna N Gasket, Protected	258.43	
33 01 30 51-0275	EA	3" Coupling, 7" Middle Ring With Buna N Gasket, Protected	265.96	
33 01 30 51-0276	EA	4" Coupling, 4" Middle Ring With Buna N Gasket, Protected	292.19	
33 01 30 51-0277	EA	4" Coupling, 5" Middle Ring With Buna N Gasket, Protected	319.03	
33 01 30 51-0278	EA	4" Coupling, 7" Middle Ring With Buna N Gasket, Protected	329.23	
33 01 30 51-0279	EA	5" Coupling, 4" Middle Ring With Buna N Gasket, Protected	379.76	
33 01 30 51-0280	EA	5" Coupling, 5" Middle Ring With Buna N Gasket, Protected	383.45	
33 01 30 51-0281	EA	5" Coupling, 7" Middle Ring With Buna N Gasket, Protected	426.55	
33 01 30 51-0282	EA	6" Coupling, 4" Middle Ring With Buna N Gasket, Protected	383.28	
33 01 30 51-0283	EA	6" Coupling, 5" Middle Ring With Buna N Gasket, Protected	402.87	
33 01 30 51-0284	EA	6" Coupling, 7" Middle Ring With Buna N Gasket, Protected	410.43	
33 01 30 51-0285	EA	8" Coupling, 4" Middle Ring With Buna N Gasket, Protected	481.23	
33 01 30 51-0286	EA	8" Coupling, 5" Middle Ring With Buna N Gasket, Protected	488.67	
33 01 30 51-0287	EA	8" Coupling, 7" Middle Ring With Buna N Gasket, Protected	500.66	
33 01 30 51-0288	EA	10" Coupling, 5" Middle Ring With Buna N Gasket, Protected	559.92	
33 01 30 51-0289	EA	10" Coupling, 7" Middle Ring With Buna N Gasket, Protected	655.91	
33 01 30 51-0290	EA	12" Coupling, 5" Middle Ring With Buna N Gasket, Protected	634.90	
33 01 30 51-0291	EA	12" Coupling, 7" Middle Ring With Buna N Gasket, Protected	836.37	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 01 30 51-0292	EA	14" Coupling, 7" Middle Ring With Buna N Gasket, Protected	966.83	
33 01 30 51-0293	EA	16" Coupling, 7" Middle Ring With Buna N Gasket, Protected	1,137.65	
33 01 30 51-0294	EA	18" Coupling, 7" Middle Ring With Buna N Gasket, Protected	1,290.16	
33 01 30 51-0295	EA	20" Coupling, 7" Middle Ring With Buna N Gasket, Protected	1,389.99	
33 01 30 51-0296	EA	22" Coupling, 7" Middle Ring With Buna N Gasket, Protected	1,742.01	
33 01 30 51-0297	EA	24" Coupling, 7" Middle Ring With Buna N Gasket, Protected	1,830.56	

33 01 30 51-0298 Couplings For Steel Pipe (33 01 30 51-0079)

Note: Includes high temperature carded glass gasket, protected, Dresser style 38.

33 01 30 51-0299	EA	3/4" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	146.47	
33 01 30 51-0300	EA	1" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	157.16	
33 01 30 51-0301	EA	1-1/2" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	162.40	
33 01 30 51-0302	EA	2" Coupling, 4" Middle Ring With High Temp Carded Glass Gasket	252.18	
33 01 30 51-0303	EA	2" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	272.77	
33 01 30 51-0304	EA	2" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	283.26	
33 01 30 51-0305	EA	3" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	323.46	
33 01 30 51-0306	EA	3" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	321.09	
33 01 30 51-0307	EA	4" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	356.67	
33 01 30 51-0308	EA	4" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	366.87	
33 01 30 51-0309	EA	5" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	500.33	
33 01 30 51-0310	EA	5" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	513.86	
33 01 30 51-0311	EA	6" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	530.59	
33 01 30 51-0312	EA	6" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	539.57	
33 01 30 51-0313	EA	8" Coupling, 4" Middle Ring With High Temp Carded Glass Gasket	545.81	
33 01 30 51-0314	EA	8" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	680.52	
33 01 30 51-0315	EA	8" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	735.45	
33 01 30 51-0316	EA	10" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	747.37	
33 01 30 51-0317	EA	10" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	747.18	
33 01 30 51-0318	EA	12" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	955.51	
33 01 30 51-0319	EA	12" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	996.88	
33 01 30 51-0320	EA	14" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	1,155.88	
33 01 30 51-0321	EA	16" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	1,457.27	
33 01 30 51-0322	EA	18" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	1,418.15	
33 01 30 51-0323	EA	20" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	1,583.85	
33 01 30 51-0324	EA	22" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	1,717.55	
33 01 30 51-0325	EA	24" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	1,868.20	

33 01 30 51-0326 Polyseal Pipe Coupler (33 01 30 51-0001)

33 01 30 51-0327	EA	18" Diameter Pipe, PolySeal Repair Couplers (MarMac).....	333.10	
33 01 30 51-0328	EA	24" Diameter Pipe, PolySeal Repair Couplers (MarMac).....	376.06	

33 01 30 71 Relining Sewer Utilities Pipelines (33 01 30)

33 01 30 71-0001 Relining Underground Pipelines (33 01 30 71)

Note: Excludes CCTV inspection, sewer cleaning, pavement both temporary and permanent, emergency after hours response for homeowners backups. See CSI section 01 22 20 00-0000 for hourly rates for after hours response for homeowners backups, 32 01 17 63-0000 for temporary pavement, 32 12 16 00-0000 for permanent pavement, 33 01 30 11-0000 for CCTV Inspection, 33 01 30 41-0002 for sewer cleaning.

33 01 30 71-0002 Lining Pipe, Spray Applied With Structural Polyurethane (33 01 30 71-0001)

Note: Two part structural polyurethane.

33 01 30 71-0003 Mobilization And Setup For Spray Applied Structural Polyurethane Lining (33 01 30 71-0002)

33 01 30 71-0004	EA	Initial Set Up And Final Equipment Removal For Spray Applied Structural Polyurethane Lining.....	1,721.94	
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33 01 30 71-0005 Lining Pipe, Spray Applied With 100 mil Structural Polyurethane (33 01 30 71-0002)

Note: Two part structural polyurethane.

33 01 30 71-0006	LF	36" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	56.39	
		For Up To 75, Add	12.21	
		For >75 To 150, Add	5.64	
		For >500 To 1,000, Deduct	-1.50	
		For >1,000 To 2,000, Deduct	-2.91	
		For >2,000 To 5,000, Deduct	-4.50	
		For >5,000, Deduct	-6.57	
33 01 30 71-0007	LF	42" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	65.80	
		For Up To 75, Add	14.24	
		For >75 To 150, Add	6.58	
		For >500 To 1,000, Deduct	-1.75	
		For >1,000 To 2,000, Deduct	-3.39	
		For >2,000 To 5,000, Deduct	-5.25	
		For >5,000, Deduct	-7.66	
33 01 30 71-0008	LF	48" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	75.21	
		For Up To 75, Add	16.28	
		For >75 To 150, Add	7.52	
		For >500 To 1,000, Deduct	-2.00	
		For >1,000 To 2,000, Deduct	-3.88	
		For >2,000 To 5,000, Deduct	-6.00	
		For >5,000, Deduct	-8.76	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0009	LF		54" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	84.59	
			<i>For Up To 75, Add</i>	18.31	
			<i>For >75 To 150, Add</i>	8.46	
			<i>For >500 To 1,000, Deduct</i>	-2.25	
			<i>For >1,000 To 2,000, Deduct</i>	-4.36	
			<i>For >2,000 To 5,000, Deduct</i>	-6.75	
			<i>For >5,000, Deduct</i>	-9.85	
33 01 30 71-0010	LF		60" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	94.00	
			<i>For Up To 75, Add</i>	20.35	
			<i>For >75 To 150, Add</i>	9.40	
			<i>For >500 To 1,000, Deduct</i>	-2.50	
			<i>For >1,000 To 2,000, Deduct</i>	-4.84	
			<i>For >2,000 To 5,000, Deduct</i>	-7.50	
			<i>For >5,000, Deduct</i>	-10.95	
33 01 30 71-0011	LF		66" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	103.40	
			<i>For Up To 75, Add</i>	22.38	
			<i>For >75 To 150, Add</i>	10.34	
			<i>For >500 To 1,000, Deduct</i>	-2.75	
			<i>For >1,000 To 2,000, Deduct</i>	-5.33	
			<i>For >2,000 To 5,000, Deduct</i>	-8.25	
			<i>For >5,000, Deduct</i>	-12.04	
33 01 30 71-0012	LF		72" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	112.79	
			<i>For Up To 75, Add</i>	24.42	
			<i>For >75 To 150, Add</i>	11.28	
			<i>For >500 To 1,000, Deduct</i>	-3.00	
			<i>For >1,000 To 2,000, Deduct</i>	-5.81	
			<i>For >2,000 To 5,000, Deduct</i>	-9.00	
			<i>For >5,000, Deduct</i>	-13.14	
33 01 30 71-0013	LF		78" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	122.19	
			<i>For Up To 75, Add</i>	26.45	
			<i>For >75 To 150, Add</i>	12.22	
			<i>For >500 To 1,000, Deduct</i>	-3.25	
			<i>For >1,000 To 2,000, Deduct</i>	-6.30	
			<i>For >2,000 To 5,000, Deduct</i>	-9.75	
			<i>For >5,000, Deduct</i>	-14.23	
33 01 30 71-0014	LF		84" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	131.60	
			<i>For Up To 75, Add</i>	28.49	
			<i>For >75 To 150, Add</i>	13.16	
			<i>For >500 To 1,000, Deduct</i>	-3.50	
			<i>For >1,000 To 2,000, Deduct</i>	-6.78	
			<i>For >2,000 To 5,000, Deduct</i>	-10.50	
			<i>For >5,000, Deduct</i>	-15.33	
33 01 30 71-0015	LF		90" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	140.98	
			<i>For Up To 75, Add</i>	30.52	
			<i>For >75 To 150, Add</i>	14.10	
			<i>For >500 To 1,000, Deduct</i>	-3.75	
			<i>For >1,000 To 2,000, Deduct</i>	-7.26	
			<i>For >2,000 To 5,000, Deduct</i>	-11.24	
			<i>For >5,000, Deduct</i>	-16.42	
33 01 30 71-0016	LF		96" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	150.39	
			<i>For Up To 75, Add</i>	32.55	
			<i>For >75 To 150, Add</i>	15.04	
			<i>For >500 To 1,000, Deduct</i>	-4.00	
			<i>For >1,000 To 2,000, Deduct</i>	-7.75	
			<i>For >2,000 To 5,000, Deduct</i>	-12.00	
			<i>For >5,000, Deduct</i>	-17.52	
33 01 30 71-0017	LF		102" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	159.79	
			<i>For Up To 75, Add</i>	34.59	
			<i>For >75 To 150, Add</i>	15.98	
			<i>For >500 To 1,000, Deduct</i>	-4.25	
			<i>For >1,000 To 2,000, Deduct</i>	-8.23	
			<i>For >2,000 To 5,000, Deduct</i>	-12.75	
			<i>For >5,000, Deduct</i>	-18.61	
33 01 30 71-0018	LF		108" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	169.18	
			<i>For Up To 75, Add</i>	36.62	
			<i>For >75 To 150, Add</i>	16.92	
			<i>For >500 To 1,000, Deduct</i>	-4.50	
			<i>For >1,000 To 2,000, Deduct</i>	-8.72	
			<i>For >2,000 To 5,000, Deduct</i>	-13.49	
			<i>For >5,000, Deduct</i>	-19.70	
33 01 30 71-0019	LF		114" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	178.59	
			<i>For Up To 75, Add</i>	38.66	
			<i>For >75 To 150, Add</i>	17.86	
			<i>For >500 To 1,000, Deduct</i>	-4.75	
			<i>For >1,000 To 2,000, Deduct</i>	-9.20	
			<i>For >2,000 To 5,000, Deduct</i>	-14.24	
			<i>For >5,000, Deduct</i>	-20.80	
33 01 30 71-0020	LF		120" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	187.99	
			<i>For Up To 75, Add</i>	40.69	
			<i>For >75 To 150, Add</i>	18.80	
			<i>For >500 To 1,000, Deduct</i>	-5.00	
			<i>For >1,000 To 2,000, Deduct</i>	-9.69	
			<i>For >2,000 To 5,000, Deduct</i>	-14.99	
			<i>For >5,000, Deduct</i>	-21.90	
33 01 30 71-0021	SF		Structure Lining, Spray Applied With 100 mil Structural Polyurethane	5.98	

33 01 30 71-0022 Lining Pipe, Spray Applied With 150 mil Structural Polyurethane (33 01 30 71-0002)
 Note: Two part structural polyurethane.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0023	LF		36" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	76.32	
			For Up To 75, Add	16.24	
			For >75 To 150, Add	7.63	
			For >500 To 1,000, Deduct	-1.92	
			For >1,000 To 2,000, Deduct	-3.74	
			For >2,000 To 5,000, Deduct	-5.75	
			For >5,000, Deduct	-8.61	
33 01 30 71-0024	LF		42" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	89.04	
			For Up To 75, Add	18.95	
			For >75 To 150, Add	8.90	
			For >500 To 1,000, Deduct	-2.24	
			For >1,000 To 2,000, Deduct	-4.36	
			For >2,000 To 5,000, Deduct	-6.71	
			For >5,000, Deduct	-10.04	
33 01 30 71-0025	LF		48" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	101.76	
			For Up To 75, Add	21.66	
			For >75 To 150, Add	10.18	
			For >500 To 1,000, Deduct	-2.56	
			For >1,000 To 2,000, Deduct	-4.98	
			For >2,000 To 5,000, Deduct	-7.67	
			For >5,000, Deduct	-11.48	
33 01 30 71-0026	LF		54" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	114.48	
			For Up To 75, Add	24.36	
			For >75 To 150, Add	11.45	
			For >500 To 1,000, Deduct	-2.88	
			For >1,000 To 2,000, Deduct	-5.61	
			For >2,000 To 5,000, Deduct	-8.63	
			For >5,000, Deduct	-12.91	
33 01 30 71-0027	LF		60" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	127.20	
			For Up To 75, Add	27.07	
			For >75 To 150, Add	12.72	
			For >500 To 1,000, Deduct	-3.20	
			For >1,000 To 2,000, Deduct	-6.23	
			For >2,000 To 5,000, Deduct	-9.59	
			For >5,000, Deduct	-14.35	
33 01 30 71-0028	LF		66" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	139.92	
			For Up To 75, Add	29.78	
			For >75 To 150, Add	13.99	
			For >500 To 1,000, Deduct	-3.52	
			For >1,000 To 2,000, Deduct	-6.85	
			For >2,000 To 5,000, Deduct	-10.55	
			For >5,000, Deduct	-15.78	
33 01 30 71-0029	LF		72" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	152.64	
			For Up To 75, Add	32.48	
			For >75 To 150, Add	15.26	
			For >500 To 1,000, Deduct	-3.83	
			For >1,000 To 2,000, Deduct	-7.47	
			For >2,000 To 5,000, Deduct	-11.50	
			For >5,000, Deduct	-17.22	
33 01 30 71-0030	LF		78" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	165.36	
			For Up To 75, Add	35.19	
			For >75 To 150, Add	16.54	
			For >500 To 1,000, Deduct	-4.15	
			For >1,000 To 2,000, Deduct	-8.10	
			For >2,000 To 5,000, Deduct	-12.46	
			For >5,000, Deduct	-18.65	
33 01 30 71-0031	LF		84" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	178.08	
			For Up To 75, Add	37.90	
			For >75 To 150, Add	17.81	
			For >500 To 1,000, Deduct	-4.47	
			For >1,000 To 2,000, Deduct	-8.72	
			For >2,000 To 5,000, Deduct	-13.42	
			For >5,000, Deduct	-20.09	
33 01 30 71-0032	LF		90" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	190.80	
			For Up To 75, Add	40.60	
			For >75 To 150, Add	19.08	
			For >500 To 1,000, Deduct	-4.79	
			For >1,000 To 2,000, Deduct	-9.34	
			For >2,000 To 5,000, Deduct	-14.38	
			For >5,000, Deduct	-21.52	
33 01 30 71-0033	LF		96" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	203.52	
			For Up To 75, Add	43.31	
			For >75 To 150, Add	20.35	
			For >500 To 1,000, Deduct	-5.11	
			For >1,000 To 2,000, Deduct	-9.97	
			For >2,000 To 5,000, Deduct	-15.34	
			For >5,000, Deduct	-22.96	
33 01 30 71-0034	LF		102" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	216.24	
			For Up To 75, Add	46.02	
			For >75 To 150, Add	21.62	
			For >500 To 1,000, Deduct	-5.43	
			For >1,000 To 2,000, Deduct	-10.59	
			For >2,000 To 5,000, Deduct	-16.30	
			For >5,000, Deduct	-24.39	
33 01 30 71-0035	LF		108" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	228.96	
			For Up To 75, Add	48.73	
			For >75 To 150, Add	22.90	
			For >500 To 1,000, Deduct	-5.75	
			For >1,000 To 2,000, Deduct	-11.21	
			For >2,000 To 5,000, Deduct	-17.26	
			For >5,000, Deduct	-25.83	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 01 30 71-0036	LF	114" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	241.69
		<i>For Up To 75, Add</i>	51.43
		<i>For >75 To 150, Add</i>	24.17
		<i>For >500 To 1,000, Deduct</i>	-6.07
		<i>For >1,000 To 2,000, Deduct</i>	-11.83
		<i>For >2,000 To 5,000, Deduct</i>	-18.22
		<i>For >5,000, Deduct</i>	-27.27
33 01 30 71-0037	LF	120" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	254.40
		<i>For Up To 75, Add</i>	54.14
		<i>For >75 To 150, Add</i>	25.44
		<i>For >500 To 1,000, Deduct</i>	-6.39
		<i>For >1,000 To 2,000, Deduct</i>	-12.46
		<i>For >2,000 To 5,000, Deduct</i>	-19.17
		<i>For >5,000, Deduct</i>	-28.70
33 01 30 71-0038	SF	Structure Lining, Spray Applied With 150 mil Structural Polyurethane	8.10

33 01 30 71-0039 Lining Pipe, Spray Applied With 200 mil Structural Polyurethane (33 01 30 71-0002)

Note: Two part structural polyurethane.

33 01 30 71-0040	LF	36" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	96.21
		<i>For Up To 75, Add</i>	20.27
		<i>For >75 To 150, Add</i>	9.62
		<i>For >500 To 1,000, Deduct</i>	-2.34
		<i>For >1,000 To 2,000, Deduct</i>	-4.57
		<i>For >2,000 To 5,000, Deduct</i>	-7.01
		<i>For >5,000, Deduct</i>	-10.65
33 01 30 71-0041	LF	42" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	112.27
		<i>For Up To 75, Add</i>	23.66
		<i>For >75 To 150, Add</i>	11.23
		<i>For >500 To 1,000, Deduct</i>	-2.73
		<i>For >1,000 To 2,000, Deduct</i>	-5.33
		<i>For >2,000 To 5,000, Deduct</i>	-8.18
		<i>For >5,000, Deduct</i>	-12.43
33 01 30 71-0042	LF	48" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	128.30
		<i>For Up To 75, Add</i>	27.03
		<i>For >75 To 150, Add</i>	12.83
		<i>For >500 To 1,000, Deduct</i>	-3.11
		<i>For >1,000 To 2,000, Deduct</i>	-6.09
		<i>For >2,000 To 5,000, Deduct</i>	-9.34
		<i>For >5,000, Deduct</i>	-14.20
33 01 30 71-0043	LF	54" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	144.33
		<i>For Up To 75, Add</i>	30.41
		<i>For >75 To 150, Add</i>	14.43
		<i>For >500 To 1,000, Deduct</i>	-3.50
		<i>For >1,000 To 2,000, Deduct</i>	-6.85
		<i>For >2,000 To 5,000, Deduct</i>	-10.51
		<i>For >5,000, Deduct</i>	-15.98
33 01 30 71-0044	LF	60" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	160.37
		<i>For Up To 75, Add</i>	33.79
		<i>For >75 To 150, Add</i>	16.04
		<i>For >500 To 1,000, Deduct</i>	-3.89
		<i>For >1,000 To 2,000, Deduct</i>	-7.62
		<i>For >2,000 To 5,000, Deduct</i>	-11.68
		<i>For >5,000, Deduct</i>	-17.75
33 01 30 71-0045	LF	66" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	176.41
		<i>For Up To 75, Add</i>	37.17
		<i>For >75 To 150, Add</i>	17.64
		<i>For >500 To 1,000, Deduct</i>	-4.28
		<i>For >1,000 To 2,000, Deduct</i>	-8.38
		<i>For >2,000 To 5,000, Deduct</i>	-12.85
		<i>For >5,000, Deduct</i>	-19.53
33 01 30 71-0046	LF	72" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	192.46
		<i>For Up To 75, Add</i>	40.55
		<i>For >75 To 150, Add</i>	19.25
		<i>For >500 To 1,000, Deduct</i>	-4.67
		<i>For >1,000 To 2,000, Deduct</i>	-9.14
		<i>For >2,000 To 5,000, Deduct</i>	-14.02
		<i>For >5,000, Deduct</i>	-21.30
33 01 30 71-0047	LF	78" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	208.48
		<i>For Up To 75, Add</i>	43.93
		<i>For >75 To 150, Add</i>	20.85
		<i>For >500 To 1,000, Deduct</i>	-5.06
		<i>For >1,000 To 2,000, Deduct</i>	-9.90
		<i>For >2,000 To 5,000, Deduct</i>	-15.18
		<i>For >5,000, Deduct</i>	-23.08
33 01 30 71-0048	LF	84" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	224.52
		<i>For Up To 75, Add</i>	47.31
		<i>For >75 To 150, Add</i>	22.45
		<i>For >500 To 1,000, Deduct</i>	-5.45
		<i>For >1,000 To 2,000, Deduct</i>	-10.66
		<i>For >2,000 To 5,000, Deduct</i>	-16.35
		<i>For >5,000, Deduct</i>	-24.85
33 01 30 71-0049	LF	90" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	240.56
		<i>For Up To 75, Add</i>	50.68
		<i>For >75 To 150, Add</i>	24.06
		<i>For >500 To 1,000, Deduct</i>	-5.84
		<i>For >1,000 To 2,000, Deduct</i>	-11.42
		<i>For >2,000 To 5,000, Deduct</i>	-17.52
		<i>For >5,000, Deduct</i>	-26.63

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 01 30 71-0050	LF		96" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	256.61	
			For Up To 75, Add	54.07	
			For >75 To 150, Add	25.66	
			For >500 To 1,000, Deduct	-6.23	
			For >1,000 To 2,000, Deduct	-12.19	
			For >2,000 To 5,000, Deduct	-18.69	
			For >5,000, Deduct	-28.41	
33 01 30 71-0051	LF		102" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	272.63	
			For Up To 75, Add	57.44	
			For >75 To 150, Add	27.26	
			For >500 To 1,000, Deduct	-6.62	
			For >1,000 To 2,000, Deduct	-12.95	
			For >2,000 To 5,000, Deduct	-19.86	
			For >5,000, Deduct	-30.18	
33 01 30 71-0052	LF		108" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	288.67	
			For Up To 75, Add	60.82	
			For >75 To 150, Add	28.87	
			For >500 To 1,000, Deduct	-7.01	
			For >1,000 To 2,000, Deduct	-13.71	
			For >2,000 To 5,000, Deduct	-21.02	
			For >5,000, Deduct	-31.95	
33 01 30 71-0053	LF		114" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	304.71	
			For Up To 75, Add	64.20	
			For >75 To 150, Add	30.47	
			For >500 To 1,000, Deduct	-7.40	
			For >1,000 To 2,000, Deduct	-14.47	
			For >2,000 To 5,000, Deduct	-22.19	
			For >5,000, Deduct	-33.73	
33 01 30 71-0054	LF		120" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	320.75	
			For Up To 75, Add	67.58	
			For >75 To 150, Add	32.08	
			For >500 To 1,000, Deduct	-7.79	
			For >1,000 To 2,000, Deduct	-15.23	
			For >2,000 To 5,000, Deduct	-23.36	
			For >5,000, Deduct	-35.51	
33 01 30 71-0055	SF		Structure Lining, Spray Applied With 200 mil Structural Polyurethane	10.22	

33 01 30 71-0056 Lining Pipe, Spray Applied With 250 mil Structural Polyurethane (33 01 30 71-0002)
 Note: Two part structural polyurethane.

33 01 30 71-0057	LF		36" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	116.21	
			For Up To 75, Add	24.33	
			For >75 To 150, Add	11.62	
			For >500 To 1,000, Deduct	-2.76	
			For >1,000 To 2,000, Deduct	-5.41	
			For >2,000 To 5,000, Deduct	-8.27	
			For >5,000, Deduct	-12.70	
33 01 30 71-0058	LF		42" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	135.59	
			For Up To 75, Add	28.38	
			For >75 To 150, Add	13.56	
			For >500 To 1,000, Deduct	-3.22	
			For >1,000 To 2,000, Deduct	-6.31	
			For >2,000 To 5,000, Deduct	-9.65	
			For >5,000, Deduct	-14.82	
33 01 30 71-0059	LF		48" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	154.95	
			For Up To 75, Add	32.43	
			For >75 To 150, Add	15.50	
			For >500 To 1,000, Deduct	-3.68	
			For >1,000 To 2,000, Deduct	-7.21	
			For >2,000 To 5,000, Deduct	-11.03	
			For >5,000, Deduct	-16.94	
33 01 30 71-0060	LF		54" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	174.33	
			For Up To 75, Add	36.49	
			For >75 To 150, Add	17.43	
			For >500 To 1,000, Deduct	-4.14	
			For >1,000 To 2,000, Deduct	-8.11	
			For >2,000 To 5,000, Deduct	-12.41	
			For >5,000, Deduct	-19.06	
33 01 30 71-0061	LF		60" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	193.70	
			For Up To 75, Add	40.55	
			For >75 To 150, Add	19.37	
			For >500 To 1,000, Deduct	-4.60	
			For >1,000 To 2,000, Deduct	-9.01	
			For >2,000 To 5,000, Deduct	-13.79	
			For >5,000, Deduct	-21.18	
33 01 30 71-0062	LF		66" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	213.06	
			For Up To 75, Add	44.60	
			For >75 To 150, Add	21.31	
			For >500 To 1,000, Deduct	-5.06	
			For >1,000 To 2,000, Deduct	-9.91	
			For >2,000 To 5,000, Deduct	-15.17	
			For >5,000, Deduct	-23.29	
33 01 30 71-0063	LF		72" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	232.45	
			For Up To 75, Add	48.66	
			For >75 To 150, Add	23.25	
			For >500 To 1,000, Deduct	-5.52	
			For >1,000 To 2,000, Deduct	-10.81	
			For >2,000 To 5,000, Deduct	-16.55	
			For >5,000, Deduct	-25.41	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 01 30 71-0064	LF	78" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	251.81	
		<i>For Up To 75, Add</i>	52.71	
		<i>For >75 To 150, Add</i>	25.18	
		<i>For >500 To 1,000, Deduct</i>	-5.98	
		<i>For >1,000 To 2,000, Deduct</i>	-11.72	
		<i>For >2,000 To 5,000, Deduct</i>	-17.93	
		<i>For >5,000, Deduct</i>	-27.53	
33 01 30 71-0065	LF	84" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	271.18	
		<i>For Up To 75, Add</i>	56.76	
		<i>For >75 To 150, Add</i>	27.12	
		<i>For >500 To 1,000, Deduct</i>	-6.43	
		<i>For >1,000 To 2,000, Deduct</i>	-12.62	
		<i>For >2,000 To 5,000, Deduct</i>	-19.30	
		<i>For >5,000, Deduct</i>	-29.65	
33 01 30 71-0066	LF	90" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	290.55	
		<i>For Up To 75, Add</i>	60.82	
		<i>For >75 To 150, Add</i>	29.06	
		<i>For >500 To 1,000, Deduct</i>	-6.89	
		<i>For >1,000 To 2,000, Deduct</i>	-13.52	
		<i>For >2,000 To 5,000, Deduct</i>	-20.68	
		<i>For >5,000, Deduct</i>	-31.76	
33 01 30 71-0067	LF	96" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	309.91	
		<i>For Up To 75, Add</i>	64.87	
		<i>For >75 To 150, Add</i>	30.99	
		<i>For >500 To 1,000, Deduct</i>	-7.35	
		<i>For >1,000 To 2,000, Deduct</i>	-14.42	
		<i>For >2,000 To 5,000, Deduct</i>	-22.06	
		<i>For >5,000, Deduct</i>	-33.88	
33 01 30 71-0068	LF	102" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	329.28	
		<i>For Up To 75, Add</i>	68.93	
		<i>For >75 To 150, Add</i>	32.93	
		<i>For >500 To 1,000, Deduct</i>	-7.81	
		<i>For >1,000 To 2,000, Deduct</i>	-15.32	
		<i>For >2,000 To 5,000, Deduct</i>	-23.44	
		<i>For >5,000, Deduct</i>	-36.00	
33 01 30 71-0069	LF	108" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	348.65	
		<i>For Up To 75, Add</i>	72.98	
		<i>For >75 To 150, Add</i>	34.87	
		<i>For >500 To 1,000, Deduct</i>	-8.27	
		<i>For >1,000 To 2,000, Deduct</i>	-16.22	
		<i>For >2,000 To 5,000, Deduct</i>	-24.82	
		<i>For >5,000, Deduct</i>	-38.11	
33 01 30 71-0070	LF	114" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	368.03	
		<i>For Up To 75, Add</i>	77.04	
		<i>For >75 To 150, Add</i>	36.80	
		<i>For >500 To 1,000, Deduct</i>	-8.73	
		<i>For >1,000 To 2,000, Deduct</i>	-17.12	
		<i>For >2,000 To 5,000, Deduct</i>	-26.20	
		<i>For >5,000, Deduct</i>	-40.23	
33 01 30 71-0071	LF	120" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	387.40	
		<i>For Up To 75, Add</i>	81.09	
		<i>For >75 To 150, Add</i>	38.74	
		<i>For >500 To 1,000, Deduct</i>	-9.19	
		<i>For >1,000 To 2,000, Deduct</i>	-18.02	
		<i>For >2,000 To 5,000, Deduct</i>	-27.58	
		<i>For >5,000, Deduct</i>	-42.35	
33 01 30 71-0072	SF	Structure Lining, Spray Applied With 250 mil Structural Polyurethane	12.33	
33 01 30 71-0073		Lining Pipe, Spray Applied With 300 mil Structural Polyurethane <small>(33 01 30 71-0002)</small>		
		Note: Two part structural polyurethane.		
33 01 30 71-0074	LF	36" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	136.35	
		<i>For Up To 75, Add</i>	28.41	
		<i>For >75 To 150, Add</i>	13.64	
		<i>For >500 To 1,000, Deduct</i>	-3.18	
		<i>For >1,000 To 2,000, Deduct</i>	-6.25	
		<i>For >2,000 To 5,000, Deduct</i>	-9.55	
		<i>For >5,000, Deduct</i>	-14.78	
33 01 30 71-0075	LF	42" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	159.07	
		<i>For Up To 75, Add</i>	33.14	
		<i>For >75 To 150, Add</i>	15.91	
		<i>For >500 To 1,000, Deduct</i>	-3.71	
		<i>For >1,000 To 2,000, Deduct</i>	-7.29	
		<i>For >2,000 To 5,000, Deduct</i>	-11.14	
		<i>For >5,000, Deduct</i>	-17.24	
33 01 30 71-0076	LF	48" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	181.79	
		<i>For Up To 75, Add</i>	37.88	
		<i>For >75 To 150, Add</i>	18.18	
		<i>For >500 To 1,000, Deduct</i>	-4.24	
		<i>For >1,000 To 2,000, Deduct</i>	-8.34	
		<i>For >2,000 To 5,000, Deduct</i>	-12.73	
		<i>For >5,000, Deduct</i>	-19.70	
33 01 30 71-0077	LF	54" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	204.50	
		<i>For Up To 75, Add</i>	42.61	
		<i>For >75 To 150, Add</i>	20.45	
		<i>For >500 To 1,000, Deduct</i>	-4.77	
		<i>For >1,000 To 2,000, Deduct</i>	-9.38	
		<i>For >2,000 To 5,000, Deduct</i>	-14.32	
		<i>For >5,000, Deduct</i>	-22.16	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	33 01 30 71-0078	LF		60" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	227.25	
				For Up To 75, Add	47.35	
				For >75 To 150, Add	22.73	
				For >500 To 1,000, Deduct	-5.31	
				For >1,000 To 2,000, Deduct	-10.42	
				For >2,000 To 5,000, Deduct	-15.92	
				For >5,000, Deduct	-24.63	
	33 01 30 71-0079	LF		66" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	249.96	
				For Up To 75, Add	52.08	
				For >75 To 150, Add	25.00	
				For >500 To 1,000, Deduct	-5.84	
				For >1,000 To 2,000, Deduct	-11.46	
				For >2,000 To 5,000, Deduct	-17.51	
				For >5,000, Deduct	-27.09	
	33 01 30 71-0080	LF		72" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	272.67	
				For Up To 75, Add	56.81	
				For >75 To 150, Add	27.27	
				For >500 To 1,000, Deduct	-6.37	
				For >1,000 To 2,000, Deduct	-12.50	
				For >2,000 To 5,000, Deduct	-19.10	
				For >5,000, Deduct	-29.55	
	33 01 30 71-0081	LF		78" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	295.40	
				For Up To 75, Add	61.55	
				For >75 To 150, Add	29.54	
				For >500 To 1,000, Deduct	-6.90	
				For >1,000 To 2,000, Deduct	-13.55	
				For >2,000 To 5,000, Deduct	-20.69	
				For >5,000, Deduct	-32.01	
	33 01 30 71-0082	LF		84" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	318.13	
				For Up To 75, Add	66.29	
				For >75 To 150, Add	31.81	
				For >500 To 1,000, Deduct	-7.43	
				For >1,000 To 2,000, Deduct	-14.59	
				For >2,000 To 5,000, Deduct	-22.28	
				For >5,000, Deduct	-34.47	
	33 01 30 71-0083	LF		90" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	340.85	
				For Up To 75, Add	71.02	
				For >75 To 150, Add	34.09	
				For >500 To 1,000, Deduct	-7.96	
				For >1,000 To 2,000, Deduct	-15.63	
				For >2,000 To 5,000, Deduct	-23.87	
				For >5,000, Deduct	-36.94	
	33 01 30 71-0084	LF		96" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	363.57	
				For Up To 75, Add	75.75	
				For >75 To 150, Add	36.36	
				For >500 To 1,000, Deduct	-8.49	
				For >1,000 To 2,000, Deduct	-16.67	
				For >2,000 To 5,000, Deduct	-25.46	
				For >5,000, Deduct	-39.40	
	33 01 30 71-0085	LF		102" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	386.30	
				For Up To 75, Add	80.49	
				For >75 To 150, Add	38.63	
				For >500 To 1,000, Deduct	-9.02	
				For >1,000 To 2,000, Deduct	-17.71	
				For >2,000 To 5,000, Deduct	-27.05	
				For >5,000, Deduct	-41.86	
	33 01 30 71-0086	LF		108" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	409.03	
				For Up To 75, Add	85.23	
				For >75 To 150, Add	40.90	
				For >500 To 1,000, Deduct	-9.55	
				For >1,000 To 2,000, Deduct	-18.76	
				For >2,000 To 5,000, Deduct	-28.65	
				For >5,000, Deduct	-44.32	
	33 01 30 71-0087	LF		114" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	431.75	
				For Up To 75, Add	89.96	
				For >75 To 150, Add	43.18	
				For >500 To 1,000, Deduct	-10.08	
				For >1,000 To 2,000, Deduct	-19.80	
				For >2,000 To 5,000, Deduct	-30.24	
				For >5,000, Deduct	-46.79	
	33 01 30 71-0088	LF		120" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	454.46	
				For Up To 75, Add	94.69	
				For >75 To 150, Add	45.45	
				For >500 To 1,000, Deduct	-10.61	
				For >1,000 To 2,000, Deduct	-20.84	
				For >2,000 To 5,000, Deduct	-31.83	
				For >5,000, Deduct	-49.25	
	33 01 30 71-0089	SF		Structure Lining, Spray Applied With 300 mil Structural Polyurethane	14.47	
	33 01 30 71-0090			Lining Pipe, Spray Applied With 400 mil Structural Polyurethane <small>(33 01 30 71-0092)</small>		
				Note: Two part structural polyurethane.		
	33 01 30 71-0091	LF		36" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	176.62	
				For Up To 75, Add	36.59	
				For >75 To 150, Add	17.66	
				For >500 To 1,000, Deduct	-4.04	
				For >1,000 To 2,000, Deduct	-7.95	
				For >2,000 To 5,000, Deduct	-12.12	
				For >5,000, Deduct	-18.93	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST
33 01 30 71-0092	LF		42" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	206.07	
			<i>For Up To 75, Add</i>	42.69	
			<i>For >75 To 150, Add</i>	20.61	
			<i>For >500 To 1,000, Deduct</i>	-4.71	
			<i>For >1,000 To 2,000, Deduct</i>	-9.28	
			<i>For >2,000 To 5,000, Deduct</i>	-14.14	
			<i>For >5,000, Deduct</i>	-22.09	
33 01 30 71-0093	LF		48" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	235.50	
			<i>For Up To 75, Add</i>	48.79	
			<i>For >75 To 150, Add</i>	23.55	
			<i>For >500 To 1,000, Deduct</i>	-5.39	
			<i>For >1,000 To 2,000, Deduct</i>	-10.60	
			<i>For >2,000 To 5,000, Deduct</i>	-16.16	
			<i>For >5,000, Deduct</i>	-25.24	
33 01 30 71-0094	LF		54" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	264.95	
			<i>For Up To 75, Add</i>	54.89	
			<i>For >75 To 150, Add</i>	26.50	
			<i>For >500 To 1,000, Deduct</i>	-6.06	
			<i>For >1,000 To 2,000, Deduct</i>	-11.93	
			<i>For >2,000 To 5,000, Deduct</i>	-18.18	
			<i>For >5,000, Deduct</i>	-28.40	
33 01 30 71-0095	LF		60" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	294.37	
			<i>For Up To 75, Add</i>	60.99	
			<i>For >75 To 150, Add</i>	29.44	
			<i>For >500 To 1,000, Deduct</i>	-6.73	
			<i>For >1,000 To 2,000, Deduct</i>	-13.25	
			<i>For >2,000 To 5,000, Deduct</i>	-20.20	
			<i>For >5,000, Deduct</i>	-31.55	
33 01 30 71-0096	LF		66" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	323.81	
			<i>For Up To 75, Add</i>	67.08	
			<i>For >75 To 150, Add</i>	32.38	
			<i>For >500 To 1,000, Deduct</i>	-7.41	
			<i>For >1,000 To 2,000, Deduct</i>	-14.58	
			<i>For >2,000 To 5,000, Deduct</i>	-22.22	
			<i>For >5,000, Deduct</i>	-34.70	
33 01 30 71-0097	LF		72" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	353.25	
			<i>For Up To 75, Add</i>	73.18	
			<i>For >75 To 150, Add</i>	35.33	
			<i>For >500 To 1,000, Deduct</i>	-8.08	
			<i>For >1,000 To 2,000, Deduct</i>	-15.90	
			<i>For >2,000 To 5,000, Deduct</i>	-24.24	
			<i>For >5,000, Deduct</i>	-37.86	
33 01 30 71-0098	LF		78" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	382.69	
			<i>For Up To 75, Add</i>	79.28	
			<i>For >75 To 150, Add</i>	38.27	
			<i>For >500 To 1,000, Deduct</i>	-8.75	
			<i>For >1,000 To 2,000, Deduct</i>	-17.23	
			<i>For >2,000 To 5,000, Deduct</i>	-26.26	
			<i>For >5,000, Deduct</i>	-41.01	
33 01 30 71-0099	LF		84" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	412.13	
			<i>For Up To 75, Add</i>	85.38	
			<i>For >75 To 150, Add</i>	41.21	
			<i>For >500 To 1,000, Deduct</i>	-9.43	
			<i>For >1,000 To 2,000, Deduct</i>	-18.55	
			<i>For >2,000 To 5,000, Deduct</i>	-28.28	
			<i>For >5,000, Deduct</i>	-44.17	
33 01 30 71-0100	LF		90" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	441.57	
			<i>For Up To 75, Add</i>	91.48	
			<i>For >75 To 150, Add</i>	44.16	
			<i>For >500 To 1,000, Deduct</i>	-10.10	
			<i>For >1,000 To 2,000, Deduct</i>	-19.88	
			<i>For >2,000 To 5,000, Deduct</i>	-30.30	
			<i>For >5,000, Deduct</i>	-47.32	
33 01 30 71-0101	LF		96" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	471.00	
			<i>For Up To 75, Add</i>	97.58	
			<i>For >75 To 150, Add</i>	47.10	
			<i>For >500 To 1,000, Deduct</i>	-10.77	
			<i>For >1,000 To 2,000, Deduct</i>	-21.20	
			<i>For >2,000 To 5,000, Deduct</i>	-32.31	
			<i>For >5,000, Deduct</i>	-50.48	
33 01 30 71-0102	LF		102" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	500.45	
			<i>For Up To 75, Add</i>	103.68	
			<i>For >75 To 150, Add</i>	50.05	
			<i>For >500 To 1,000, Deduct</i>	-11.45	
			<i>For >1,000 To 2,000, Deduct</i>	-22.53	
			<i>For >2,000 To 5,000, Deduct</i>	-34.34	
			<i>For >5,000, Deduct</i>	-53.64	
33 01 30 71-0103	LF		108" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	529.87	
			<i>For Up To 75, Add</i>	109.77	
			<i>For >75 To 150, Add</i>	52.99	
			<i>For >500 To 1,000, Deduct</i>	-12.12	
			<i>For >1,000 To 2,000, Deduct</i>	-23.86	
			<i>For >2,000 To 5,000, Deduct</i>	-36.35	
			<i>For >5,000, Deduct</i>	-56.79	
33 01 30 71-0104	LF		114" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	559.32	
			<i>For Up To 75, Add</i>	115.88	
			<i>For >75 To 150, Add</i>	55.93	
			<i>For >500 To 1,000, Deduct</i>	-12.79	
			<i>For >1,000 To 2,000, Deduct</i>	-25.18	
			<i>For >2,000 To 5,000, Deduct</i>	-38.37	
			<i>For >5,000, Deduct</i>	-59.94	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0105	LF			120" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	588.75	
				For Up To 75, Add	121.97	
				For >75 To 150, Add	58.88	
				For >500 To 1,000, Deduct	-13.46	
				For >1,000 To 2,000, Deduct	-26.51	
				For >2,000 To 5,000, Deduct	-40.39	
				For >5,000, Deduct	-63.10	
33 01 30 71-0106	SF			Structure Lining, Spray Applied With 400 mil Structural Polyurethane	18.74	
33 01 30 71-0107				Lining Pipe, Spray Applied With 500 mil Structural Polyurethane <small>(33 01 30 71-0002)</small>		
				Note: Two part structural polyurethane.		
33 01 30 71-0108	LF			36" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	217.27	
				For Up To 75, Add	44.86	
				For >75 To 150, Add	21.73	
				For >500 To 1,000, Deduct	-4.91	
				For >1,000 To 2,000, Deduct	-9.68	
				For >2,000 To 5,000, Deduct	-14.73	
				For >5,000, Deduct	-23.14	
33 01 30 71-0109	LF			42" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	253.47	
				For Up To 75, Add	52.34	
				For >75 To 150, Add	25.35	
				For >500 To 1,000, Deduct	-5.73	
				For >1,000 To 2,000, Deduct	-11.29	
				For >2,000 To 5,000, Deduct	-17.18	
				For >5,000, Deduct	-26.99	
33 01 30 71-0110	LF			48" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	289.68	
				For Up To 75, Add	59.81	
				For >75 To 150, Add	28.97	
				For >500 To 1,000, Deduct	-6.54	
				For >1,000 To 2,000, Deduct	-12.90	
				For >2,000 To 5,000, Deduct	-19.63	
				For >5,000, Deduct	-30.85	
33 01 30 71-0111	LF			54" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	325.89	
				For Up To 75, Add	67.29	
				For >75 To 150, Add	32.59	
				For >500 To 1,000, Deduct	-7.36	
				For >1,000 To 2,000, Deduct	-14.51	
				For >2,000 To 5,000, Deduct	-22.09	
				For >5,000, Deduct	-34.70	
33 01 30 71-0112	LF			60" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	362.11	
				For Up To 75, Add	74.77	
				For >75 To 150, Add	36.21	
				For >500 To 1,000, Deduct	-8.18	
				For >1,000 To 2,000, Deduct	-16.13	
				For >2,000 To 5,000, Deduct	-24.54	
				For >5,000, Deduct	-38.56	
33 01 30 71-0113	LF			66" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	398.32	
				For Up To 75, Add	82.25	
				For >75 To 150, Add	39.83	
				For >500 To 1,000, Deduct	-9.00	
				For >1,000 To 2,000, Deduct	-17.74	
				For >2,000 To 5,000, Deduct	-27.00	
				For >5,000, Deduct	-42.41	
33 01 30 71-0114	LF			72" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	434.52	
				For Up To 75, Add	89.72	
				For >75 To 150, Add	43.45	
				For >500 To 1,000, Deduct	-9.82	
				For >1,000 To 2,000, Deduct	-19.35	
				For >2,000 To 5,000, Deduct	-29.45	
				For >5,000, Deduct	-46.27	
33 01 30 71-0115	LF			78" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	470.73	
				For Up To 75, Add	97.20	
				For >75 To 150, Add	47.07	
				For >500 To 1,000, Deduct	-10.63	
				For >1,000 To 2,000, Deduct	-20.96	
				For >2,000 To 5,000, Deduct	-31.90	
				For >5,000, Deduct	-50.12	
33 01 30 71-0116	LF			84" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	506.94	
				For Up To 75, Add	104.67	
				For >75 To 150, Add	50.69	
				For >500 To 1,000, Deduct	-11.45	
				For >1,000 To 2,000, Deduct	-22.58	
				For >2,000 To 5,000, Deduct	-34.36	
				For >5,000, Deduct	-53.98	
33 01 30 71-0117	LF			90" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	543.16	
				For Up To 75, Add	112.15	
				For >75 To 150, Add	54.32	
				For >500 To 1,000, Deduct	-12.27	
				For >1,000 To 2,000, Deduct	-24.19	
				For >2,000 To 5,000, Deduct	-36.81	
				For >5,000, Deduct	-57.84	
33 01 30 71-0118	LF			96" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	579.36	
				For Up To 75, Add	119.63	
				For >75 To 150, Add	57.94	
				For >500 To 1,000, Deduct	-13.09	
				For >1,000 To 2,000, Deduct	-25.80	
				For >2,000 To 5,000, Deduct	-39.27	
				For >5,000, Deduct	-61.69	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 01 30 71-0119	LF	102" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	615.58	
		<i>For Up To 75, Add</i>	127.10	
		<i>For >75 To 150, Add</i>	61.56	
		<i>For >500 To 1,000, Deduct</i>	-13.91	
		<i>For >1,000 To 2,000, Deduct</i>	-27.42	
		<i>For >2,000 To 5,000, Deduct</i>	-41.72	
		<i>For >5,000, Deduct</i>	-65.55	
33 01 30 71-0120	LF	108" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	651.78	
		<i>For Up To 75, Add</i>	134.58	
		<i>For >75 To 150, Add</i>	65.18	
		<i>For >500 To 1,000, Deduct</i>	-14.72	
		<i>For >1,000 To 2,000, Deduct</i>	-29.03	
		<i>For >2,000 To 5,000, Deduct</i>	-44.17	
		<i>For >5,000, Deduct</i>	-69.40	
33 01 30 71-0121	LF	114" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	688.00	
		<i>For Up To 75, Add</i>	142.06	
		<i>For >75 To 150, Add</i>	68.80	
		<i>For >500 To 1,000, Deduct</i>	-15.54	
		<i>For >1,000 To 2,000, Deduct</i>	-30.64	
		<i>For >2,000 To 5,000, Deduct</i>	-46.63	
		<i>For >5,000, Deduct</i>	-73.26	
33 01 30 71-0122	LF	120" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	724.21	
		<i>For Up To 75, Add</i>	149.53	
		<i>For >75 To 150, Add</i>	72.42	
		<i>For >500 To 1,000, Deduct</i>	-16.36	
		<i>For >1,000 To 2,000, Deduct</i>	-32.25	
		<i>For >2,000 To 5,000, Deduct</i>	-49.08	
		<i>For >5,000, Deduct</i>	-77.11	
33 01 30 71-0123	SF	Structure Lining, Spray Applied With 500 mil Structural Polyurethane	23.05	

33 01 30 72 Cured-in-Place Pipe Lining (33 01 30)

33 01 30 72-0001 Cured-In-Place Pipe (CIPP) Relining Underground Pipelines (33 01 30 72)
 Note: Excludes CCTV inspection and sewer cleaning. See CSI section 33 01 30 11-0000 for CCTV inspection, 33 01 30 41-0002 for sewer cleaning.

33 01 30 72-0002 Cured In-Place Pipe (CIPP) Lining Set-Up And Reinsertion (33 01 30 72-0001)

33 01 30 72-0003	EA	Initial Set Up And Final Equipment Removal For Relining Up To 12" Underground Pipelines Cured In-Place Pipe (CIPP).....	1,547.50	
33 01 30 72-0004	EA	Initial Set Up And Final Equipment Removal For Relining >12" To 24" Underground Pipelines Cured In-Place Pipe (CIPP).....	2,579.16	
33 01 30 72-0005	EA	Initial Set Up And Final Equipment Removal For Relining >24" To 48" Underground Pipelines Cured In-Place Pipe (CIPP).....	3,868.74	
33 01 30 72-0006	EA	Initial Set Up And Final Equipment Removal For Relining > 48" Underground Pipelines Cured In-Place Pipe (CIPP).....	5,158.31	
33 01 30 72-0007	EA	Move And Reset Up At Different Access/Location For Relining Up To 12" Underground Pipelines Cured In-Place Pipe (CIPP).....	773.74	
33 01 30 72-0008	EA	Move And Reset Up At Different Access/Location For Relining >12" To 24" Underground Pipelines Cured In-Place Pipe (CIPP).....	1,289.58	
33 01 30 72-0009	EA	Move And Reset Up At Different Access/Location For Relining >24" To 48" Underground Pipelines Cured In-Place Pipe (CIPP).....	1,611.97	
33 01 30 72-0010	EA	Move And Reset Up At Different Access/Location For Relining > 48" Underground Pipelines Cured In-Place Pipe (CIPP).....	2,063.33	
33 01 30 72-0011	EA	Mixing Truck And Refrigeration For Relining Up To 12" Underground Pipelines Cured In-Place Pipe (CIPP)	1,289.58	
		Note: Need to mix wet material in bag prior to installation.		
33 01 30 72-0012	EA	Mixing Truck And Refrigeration For Relining >12" To 24" Underground Pipelines Cured In-Place Pipe (CIPP).....	3,094.99	
		Note: Need to mix wet material in bag prior to installation.		
33 01 30 72-0013	EA	Mixing Truck And Refrigeration For Relining >24" To 48" Underground Pipelines Cured In-Place Pipe (CIPP).....	5,158.31	
		Note: Need to mix wet material in bag prior to installation.		
33 01 30 72-0014	EA	Mixing Truck And Refrigeration For Relining >48" Underground Pipelines Cured In-Place Pipe (CIPP)	7,737.48	
		Note: Need to mix wet material in bag prior to installation.		

33 01 30 72-0015 Lining Pipe With Polyester Resin Impregnated Cured In-Place Pipe (CIPP)

(33 01 30 72-0001)

Note: Cured in-place thermosetting resin pipe and resin impregnated tube. Excludes video camera inspection, culvert cleaning and grouting. Use round equivalent pipe sizes for elliptical, oval or arched pipe.

33 01 30 72-0016 4.5mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)

33 01 30 72-0017	LF	4.5mm Lining 2" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	21.98	
		<i>For Vinlyester Resin, Add</i>	5.91	
		<i>For Epoxy Resin, Add</i>	0.70	
		<i>For Up To >10, Add</i>	44.84	
		<i>For >10 To 25, Add</i>	35.96	
		<i>For >25 To 50, Add</i>	22.00	
		<i>For >50 To 100, Add</i>	11.00	
		<i>For >500 To 1,000, Deduct</i>	-1.44	
		<i>For >1,000 To 2,000, Deduct</i>	-2.33	
		<i>For >2,000 To 5,000, Deduct</i>	-4.40	
		<i>For >5,000, Deduct</i>	-7.10	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0018 LF 4.5mm Lining 3" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	26.61	
For Vinylster Resin, Add	9.15	
For Epoxy Resin, Add	1.08	
For Up To >10, Add	47.16	
For >10 To 25, Add	37.12	
For >25 To 50, Add	22.92	
For >50 To 100, Add	11.46	
For >500 To 1,000, Deduct	-1.67	
For >1,000 To 2,000, Deduct	-2.67	
For >2,000 To 5,000, Deduct	-4.95	
For >5,000, Deduct	-8.03	
33 01 30 72-0019 LF 4.5mm Lining 4" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	31.23	
For Vinylster Resin, Add	12.38	
For Epoxy Resin, Add	1.46	
For Up To >10, Add	49.47	
For >10 To 25, Add	38.27	
For >25 To 50, Add	23.85	
For >50 To 100, Add	11.92	
For >500 To 1,000, Deduct	-1.90	
For >1,000 To 2,000, Deduct	-3.02	
For >2,000 To 5,000, Deduct	-5.51	
For >5,000, Deduct	-8.95	
33 01 30 72-0020 LF 4.5mm Lining 6" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	41.78	
For Vinylster Resin, Add	18.87	
For Epoxy Resin, Add	2.22	
For Up To >10, Add	57.97	
For >10 To 25, Add	43.81	
For >25 To 50, Add	27.64	
For >50 To 100, Add	13.82	
For >500 To 1,000, Deduct	-2.46	
For >1,000 To 2,000, Deduct	-3.88	
For >2,000 To 5,000, Deduct	-6.94	
For >5,000, Deduct	-11.32	
33 01 30 72-0021 LF 4.5mm Lining 8" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	52.33	
For Vinylster Resin, Add	25.35	
For Epoxy Resin, Add	2.99	
For Up To >10, Add	66.47	
For >10 To 25, Add	49.35	
For >25 To 50, Add	31.42	
For >50 To 100, Add	15.71	
For >500 To 1,000, Deduct	-3.02	
For >1,000 To 2,000, Deduct	-4.73	
For >2,000 To 5,000, Deduct	-8.38	
For >5,000, Deduct	-13.69	
33 01 30 72-0022 6mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)		
33 01 30 72-0023 LF 6mm Lining 3" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	30.60	
For Vinylster Resin, Add	11.94	
For Epoxy Resin, Add	1.41	
For Up To >10, Add	49.15	
For >10 To 25, Add	38.12	
For >25 To 50, Add	23.72	
For >50 To 100, Add	11.86	
For >500 To 1,000, Deduct	-1.87	
For >1,000 To 2,000, Deduct	-2.97	
For >2,000 To 5,000, Deduct	-5.43	
For >5,000, Deduct	-8.83	
33 01 30 72-0024 LF 6mm Lining 4" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	36.77	
For Vinylster Resin, Add	16.26	
For Epoxy Resin, Add	1.92	
For Up To >10, Add	52.24	
For >10 To 25, Add	39.66	
For >25 To 50, Add	24.96	
For >50 To 100, Add	12.48	
For >500 To 1,000, Deduct	-2.18	
For >1,000 To 2,000, Deduct	-3.43	
For >2,000 To 5,000, Deduct	-6.17	
For >5,000, Deduct	-10.06	
33 01 30 72-0025 LF 6mm Lining 6" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	50.40	
For Vinylster Resin, Add	24.90	
For Epoxy Resin, Add	2.93	
For Up To >10, Add	62.28	
For >10 To 25, Add	45.97	
For >25 To 50, Add	29.36	
For >50 To 100, Add	14.68	
For >500 To 1,000, Deduct	-2.89	
For >1,000 To 2,000, Deduct	-4.52	
For >2,000 To 5,000, Deduct	-7.98	
For >5,000, Deduct	-13.05	
33 01 30 72-0026 LF 6mm Lining 8" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	64.03	
For Vinylster Resin, Add	33.54	
For Epoxy Resin, Add	3.95	
For Up To >10, Add	72.32	
For >10 To 25, Add	52.28	
For >25 To 50, Add	33.76	
For >50 To 100, Add	16.88	
For >500 To 1,000, Deduct	-3.60	
For >1,000 To 2,000, Deduct	-5.61	
For >2,000 To 5,000, Deduct	-9.78	
For >5,000, Deduct	-16.03	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 01 30 72-0027	LF	6mm Lining 10" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	77.79
		For Vinylester Resin, Add	42.18
		For Epoxy Resin, Add	4.97
		For Up To >10, Add	82.72
		For >10 To 25, Add	58.89
		For >25 To 50, Add	38.35
		For >50 To 100, Add	19.17
		For >500 To 1,000, Deduct	-4.33
		For >1,000 To 2,000, Deduct	-6.71
		For >2,000 To 5,000, Deduct	-11.61
		For >5,000, Deduct	-19.06
33 01 30 72-0028	LF	6mm Lining 12" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	91.94
		For Vinylester Resin, Add	50.82
		For Epoxy Resin, Add	5.99
		For Up To >10, Add	94.32
		For >10 To 25, Add	66.50
		For >25 To 50, Add	43.53
		For >50 To 100, Add	21.77
		For >500 To 1,000, Deduct	-5.08
		For >1,000 To 2,000, Deduct	-7.86
		For >2,000 To 5,000, Deduct	-13.55
		For >5,000, Deduct	-22.26
33 01 30 72-0029		7.5mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>	
33 01 30 72-0030	LF	7.5mm Lining 4" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	42.12
		For Vinylester Resin, Add	20.01
		For Epoxy Resin, Add	2.36
		For Up To >10, Add	54.91
		For >10 To 25, Add	41.00
		For >25 To 50, Add	26.03
		For >50 To 100, Add	13.01
		For >500 To 1,000, Deduct	-2.44
		For >1,000 To 2,000, Deduct	-3.84
		For >2,000 To 5,000, Deduct	-6.81
		For >5,000, Deduct	-11.13
33 01 30 72-0031	LF	7.5mm Lining 6" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	58.83
		For Vinylester Resin, Add	30.80
		For Epoxy Resin, Add	3.63
		For Up To >10, Add	66.49
		For >10 To 25, Add	48.08
		For >25 To 50, Add	31.05
		For >50 To 100, Add	15.52
		For >500 To 1,000, Deduct	-3.31
		For >1,000 To 2,000, Deduct	-5.15
		For >2,000 To 5,000, Deduct	-8.99
		For >5,000, Deduct	-14.73
33 01 30 72-0032	LF	7.5mm Lining 8" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	75.56
		For Vinylester Resin, Add	41.61
		For Epoxy Resin, Add	4.90
		For Up To >10, Add	78.08
		For >10 To 25, Add	55.16
		For >25 To 50, Add	36.07
		For >50 To 100, Add	18.03
		For >500 To 1,000, Deduct	-4.18
		For >1,000 To 2,000, Deduct	-6.47
		For >2,000 To 5,000, Deduct	-11.16
		For >5,000, Deduct	-18.34
33 01 30 72-0033	LF	7.5mm Lining 10" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	92.39
		For Vinylester Resin, Add	52.40
		For Epoxy Resin, Add	6.18
		For Up To >10, Add	90.02
		For >10 To 25, Add	62.54
		For >25 To 50, Add	41.27
		For >50 To 100, Add	20.63
		For >500 To 1,000, Deduct	-5.06
		For >1,000 To 2,000, Deduct	-7.81
		For >2,000 To 5,000, Deduct	-13.37
		For >5,000, Deduct	-21.98
33 01 30 72-0034	LF	7.5mm Lining 12" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	109.63
		For Vinylester Resin, Add	63.20
		For Epoxy Resin, Add	7.45
		For Up To >10, Add	103.17
		For >10 To 25, Add	70.92
		For >25 To 50, Add	47.07
		For >50 To 100, Add	23.53
		For >500 To 1,000, Deduct	-5.97
		For >1,000 To 2,000, Deduct	-9.19
		For >2,000 To 5,000, Deduct	-15.67
		For >5,000, Deduct	-25.79
33 01 30 72-0035	LF	7.5mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	135.36
		For Vinylester Resin, Add	79.41
		For Epoxy Resin, Add	9.36
		For Up To >10, Add	122.48
		For >10 To 25, Add	83.16
		For >25 To 50, Add	55.57
		For >50 To 100, Add	27.78
		For >500 To 1,000, Deduct	-7.32
		For >1,000 To 2,000, Deduct	-11.25
		For >2,000 To 5,000, Deduct	-19.09
		For >5,000, Deduct	-31.46

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0036	LF		7.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	161.33	
			For Vinylster Resin, Add	95.60	
			For Epoxy Resin, Add	11.27	
			For Up To >10, Add	142.57	
			For >10 To 25, Add	96.04	
			For >25 To 50, Add	64.45	
			For >50 To 100, Add	32.23	
			For >500 To 1,000, Deduct	-8.69	
			For >1,000 To 2,000, Deduct	-13.34	
			For >2,000 To 5,000, Deduct	-22.58	
			For >5,000, Deduct	-37.22	
33 01 30 72-0037			9mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)		
33 01 30 72-0038	LF		9mm Lining 6" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	67.09	
			For Vinylster Resin, Add	36.58	
			For Epoxy Resin, Add	4.31	
			For Up To >10, Add	70.62	
			For >10 To 25, Add	50.14	
			For >25 To 50, Add	32.70	
			For >50 To 100, Add	16.35	
			For >500 To 1,000, Deduct	-3.73	
			For >1,000 To 2,000, Deduct	-5.77	
			For >2,000 To 5,000, Deduct	-9.98	
			For >5,000, Deduct	-16.38	
33 01 30 72-0039	LF		9mm Lining 8" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	86.89	
			For Vinylster Resin, Add	49.54	
			For Epoxy Resin, Add	5.84	
			For Up To >10, Add	83.75	
			For >10 To 25, Add	57.99	
			For >25 To 50, Add	38.33	
			For >50 To 100, Add	19.17	
			For >500 To 1,000, Deduct	-4.75	
			For >1,000 To 2,000, Deduct	-7.32	
			For >2,000 To 5,000, Deduct	-12.52	
			For >5,000, Deduct	-20.60	
33 01 30 72-0040	LF		9mm Lining 10" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	106.82	
			For Vinylster Resin, Add	62.50	
			For Epoxy Resin, Add	7.37	
			For Up To >10, Add	97.24	
			For >10 To 25, Add	66.15	
			For >25 To 50, Add	44.15	
			For >50 To 100, Add	22.08	
			For >500 To 1,000, Deduct	-5.78	
			For >1,000 To 2,000, Deduct	-8.89	
			For >2,000 To 5,000, Deduct	-15.10	
			For >5,000, Deduct	-24.87	
33 01 30 72-0041	LF		9mm Lining 12" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	127.14	
			For Vinylster Resin, Add	75.46	
			For Epoxy Resin, Add	8.89	
			For Up To >10, Add	111.92	
			For >10 To 25, Add	75.30	
			For >25 To 50, Add	50.57	
			For >50 To 100, Add	25.29	
			For >500 To 1,000, Deduct	-6.84	
			For >1,000 To 2,000, Deduct	-10.50	
			For >2,000 To 5,000, Deduct	-17.77	
			For >5,000, Deduct	-29.30	
33 01 30 72-0042	LF		9mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	157.50	
			For Vinylster Resin, Add	94.91	
			For Epoxy Resin, Add	11.19	
			For Up To >10, Add	133.55	
			For >10 To 25, Add	88.70	
			For >25 To 50, Add	60.00	
			For >50 To 100, Add	30.00	
			For >500 To 1,000, Deduct	-8.42	
			For >1,000 To 2,000, Deduct	-12.91	
			For >2,000 To 5,000, Deduct	-21.75	
			For >5,000, Deduct	-35.88	
33 01 30 72-0043	LF		9mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	188.10	
			For Vinylster Resin, Add	114.34	
			For Epoxy Resin, Add	13.48	
			For Up To >10, Add	155.95	
			For >10 To 25, Add	102.74	
			For >25 To 50, Add	69.81	
			For >50 To 100, Add	34.90	
			For >500 To 1,000, Deduct	-10.02	
			For >1,000 To 2,000, Deduct	-15.35	
			For >2,000 To 5,000, Deduct	-25.79	
			For >5,000, Deduct	-42.57	
33 01 30 72-0044	LF		9mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	217.94	
			For Vinylster Resin, Add	133.78	
			For Epoxy Resin, Add	15.77	
			For Up To >10, Add	176.05	
			For >10 To 25, Add	114.85	
			For >25 To 50, Add	78.47	
			For >50 To 100, Add	39.23	
			For >500 To 1,000, Deduct	-11.57	
			For >1,000 To 2,000, Deduct	-17.69	
			For >2,000 To 5,000, Deduct	-29.64	
			For >5,000, Deduct	-48.95	

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33 01 30 72-0045	LF	9mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	248.16
		For Vinlyester Resin, Add	153.22
		For Epoxy Resin, Add	18.06
		For Up To >10, Add	197.26
		For >10 To 25, Add	127.90
		For >25 To 50, Add	87.68
		For >50 To 100, Add	43.84
		For >500 To 1,000, Deduct	-13.14
		For >1,000 To 2,000, Deduct	-20.08
		For >2,000 To 5,000, Deduct	-33.58
		For >5,000, Deduct	-55.49

33 01 30 72-0046 10.5mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)

33 01 30 72-0047	LF	10.5mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	179.45
		For Vinlyester Resin, Add	110.27
		For Epoxy Resin, Add	13.00
		For Up To >10, Add	144.53
		For >10 To 25, Add	94.18
		For >25 To 50, Add	64.39
		For >50 To 100, Add	32.19
		For >500 To 1,000, Deduct	-9.52
		For >1,000 To 2,000, Deduct	-14.55
		For >2,000 To 5,000, Deduct	-24.38
		For >5,000, Deduct	-40.27
33 01 30 72-0048	LF	10.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	214.69
		For Vinlyester Resin, Add	132.95
		For Epoxy Resin, Add	15.67
		For Up To >10, Add	169.25
		For >10 To 25, Add	109.38
		For >25 To 50, Add	75.13
		For >50 To 100, Add	37.56
		For >500 To 1,000, Deduct	-11.35
		For >1,000 To 2,000, Deduct	-17.34
		For >2,000 To 5,000, Deduct	-28.98
		For >5,000, Deduct	-47.89
33 01 30 72-0049	LF	10.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	249.16
		For Vinlyester Resin, Add	155.63
		For Epoxy Resin, Add	18.34
		For Up To >10, Add	191.66
		For >10 To 25, Add	122.66
		For >25 To 50, Add	84.71
		For >50 To 100, Add	42.36
		For >500 To 1,000, Deduct	-13.13
		For >1,000 To 2,000, Deduct	-20.03
		For >2,000 To 5,000, Deduct	-33.39
		For >5,000, Deduct	-55.20
33 01 30 72-0050	LF	10.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	284.00
		For Vinlyester Resin, Add	178.31
		For Epoxy Resin, Add	21.02
		For Up To >10, Add	215.18
		For >10 To 25, Add	136.86
		For >25 To 50, Add	94.85
		For >50 To 100, Add	47.43
		For >500 To 1,000, Deduct	-14.93
		For >1,000 To 2,000, Deduct	-22.76
		For >2,000 To 5,000, Deduct	-37.89
		For >5,000, Deduct	-62.65
33 01 30 72-0051	LF	10.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	319.37
		For Vinlyester Resin, Add	200.99
		For Epoxy Resin, Add	23.69
		For Up To >10, Add	240.29
		For >10 To 25, Add	152.38
		For >25 To 50, Add	105.79
		For >50 To 100, Add	52.89
		For >500 To 1,000, Deduct	-16.77
		For >1,000 To 2,000, Deduct	-25.56
		For >2,000 To 5,000, Deduct	-42.52
		For >5,000, Deduct	-70.32
33 01 30 72-0052	LF	10.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	355.38
		For Vinlyester Resin, Add	223.67
		For Epoxy Resin, Add	26.36
		For Up To >10, Add	267.32
		For >10 To 25, Add	169.51
		For >25 To 50, Add	117.68
		For >50 To 100, Add	58.84
		For >500 To 1,000, Deduct	-18.67
		For >1,000 To 2,000, Deduct	-28.45
		For >2,000 To 5,000, Deduct	-47.31
		For >5,000, Deduct	-78.25
33 01 30 72-0053	LF	10.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	424.69
		For Vinlyester Resin, Add	269.02
		For Epoxy Resin, Add	31.71
		For Up To >10, Add	313.27
		For >10 To 25, Add	197.01
		For >25 To 50, Add	137.42
		For >50 To 100, Add	68.71
		For >500 To 1,000, Deduct	-22.24
		For >1,000 To 2,000, Deduct	-33.87
		For >2,000 To 5,000, Deduct	-56.21
		For >5,000, Deduct	-93.01

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33 01 30 72-0054	12mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>		
33 01 30 72-0055	LF 12mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	201.22	
	For Vinylster Resin, Add	125.51	
	For Epoxy Resin, Add	14.79	
	For Up To >10, Add	155.41	
	For >10 To 25, Add	99.63	
	For >25 To 50, Add	68.74	
	For >50 To 100, Add	34.37	
	For >500 To 1,000, Deduct	-10.61	
	For >1,000 To 2,000, Deduct	-16.19	
	For >2,000 To 5,000, Deduct	-27.00	
	For >5,000, Deduct	-44.63	
33 01 30 72-0056	LF 12mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	241.10	
	For Vinylster Resin, Add	151.44	
	For Epoxy Resin, Add	17.85	
	For Up To >10, Add	182.45	
	For >10 To 25, Add	115.99	
	For >25 To 50, Add	80.41	
	For >50 To 100, Add	40.20	
	For >500 To 1,000, Deduct	-12.67	
	For >1,000 To 2,000, Deduct	-19.32	
	For >2,000 To 5,000, Deduct	-32.15	
	For >5,000, Deduct	-53.17	
33 01 30 72-0057	LF 12mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	280.19	
	For Vinylster Resin, Add	177.35	
	For Epoxy Resin, Add	20.90	
	For Up To >10, Add	207.17	
	For >10 To 25, Add	130.42	
	For >25 To 50, Add	90.92	
	For >50 To 100, Add	45.46	
	For >500 To 1,000, Deduct	-14.68	
	For >1,000 To 2,000, Deduct	-22.36	
	For >2,000 To 5,000, Deduct	-37.11	
	For >5,000, Deduct	-61.40	
33 01 30 72-0058	LF 12mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	319.66	
	For Vinylster Resin, Add	203.27	
	For Epoxy Resin, Add	23.96	
	For Up To >10, Add	233.01	
	For >10 To 25, Add	145.77	
	For >25 To 50, Add	101.98	
	For >50 To 100, Add	50.99	
	For >500 To 1,000, Deduct	-16.71	
	For >1,000 To 2,000, Deduct	-25.44	
	For >2,000 To 5,000, Deduct	-42.16	
	For >5,000, Deduct	-69.79	
33 01 30 72-0059	LF 12mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	359.66	
	For Vinylster Resin, Add	229.19	
	For Epoxy Resin, Add	27.01	
	For Up To >10, Add	260.43	
	For >10 To 25, Add	162.46	
	For >25 To 50, Add	113.84	
	For >50 To 100, Add	56.92	
	For >500 To 1,000, Deduct	-18.79	
	For >1,000 To 2,000, Deduct	-28.59	
	For >2,000 To 5,000, Deduct	-47.35	
	For >5,000, Deduct	-78.38	
33 01 30 72-0060	LF 12mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	400.29	
	For Vinylster Resin, Add	255.11	
	For Epoxy Resin, Add	30.07	
	For Up To >10, Add	289.77	
	For >10 To 25, Add	180.74	
	For >25 To 50, Add	126.66	
	For >50 To 100, Add	63.33	
	For >500 To 1,000, Deduct	-20.91	
	For >1,000 To 2,000, Deduct	-31.81	
	For >2,000 To 5,000, Deduct	-52.70	
	For >5,000, Deduct	-87.23	
33 01 30 72-0061	LF 12mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	478.87	
	For Vinylster Resin, Add	306.95	
	For Epoxy Resin, Add	36.18	
	For Up To >10, Add	340.36	
	For >10 To 25, Add	210.55	
	For >25 To 50, Add	148.26	
	For >50 To 100, Add	74.13	
	For >500 To 1,000, Deduct	-24.95	
	For >1,000 To 2,000, Deduct	-37.93	
	For >2,000 To 5,000, Deduct	-62.71	
	For >5,000, Deduct	-103.85	
33 01 30 72-0062	LF 12mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	558.59	
	For Vinylster Resin, Add	358.79	
	For Epoxy Resin, Add	42.29	
	For Up To >10, Add	394.40	
	For >10 To 25, Add	243.24	
	For >25 To 50, Add	171.57	
	For >50 To 100, Add	85.79	
	For >500 To 1,000, Deduct	-29.08	
	For >1,000 To 2,000, Deduct	-44.20	
	For >2,000 To 5,000, Deduct	-73.02	
	For >5,000, Deduct	-120.93	

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33 01 30 72-0063	LF	12mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	640.38
		For Vinlyester Resin, Add	410.63
		For Epoxy Resin, Add	48.40
		For Up To >10, Add	454.62
		For >10 To 25, Add	281.08
		For >25 To 50, Add	197.98
		For >50 To 100, Add	98.99
		For >500 To 1,000, Deduct	-33.36
		For >1,000 To 2,000, Deduct	-50.72
		For >2,000 To 5,000, Deduct	-83.84
		For >5,000, Deduct	-138.83
33 01 30 72-0064		13.5mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)	
33 01 30 72-0065	LF	13.5mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	222.82
		For Vinlyester Resin, Add	140.63
		For Epoxy Resin, Add	16.57
		For Up To >10, Add	166.21
		For >10 To 25, Add	105.03
		For >25 To 50, Add	73.06
		For >50 To 100, Add	36.53
		For >500 To 1,000, Deduct	-11.69
		For >1,000 To 2,000, Deduct	-17.81
		For >2,000 To 5,000, Deduct	-29.59
		For >5,000, Deduct	-48.95
33 01 30 72-0066	LF	13.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	267.32
		For Vinlyester Resin, Add	169.79
		For Epoxy Resin, Add	20.01
		For Up To >10, Add	195.56
		For >10 To 25, Add	122.54
		For >25 To 50, Add	85.65
		For >50 To 100, Add	42.83
		For >500 To 1,000, Deduct	-13.99
		For >1,000 To 2,000, Deduct	-21.29
		For >2,000 To 5,000, Deduct	-35.30
		For >5,000, Deduct	-58.42
33 01 30 72-0067	LF	13.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	311.05
		For Vinlyester Resin, Add	198.95
		For Epoxy Resin, Add	23.45
		For Up To >10, Add	222.60
		For >10 To 25, Add	138.13
		For >25 To 50, Add	97.09
		For >50 To 100, Add	48.54
		For >500 To 1,000, Deduct	-16.22
		For >1,000 To 2,000, Deduct	-24.67
		For >2,000 To 5,000, Deduct	-40.81
		For >5,000, Deduct	-67.58
33 01 30 72-0068	LF	13.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	355.14
		For Vinlyester Resin, Add	228.11
		For Epoxy Resin, Add	26.88
		For Up To >10, Add	250.75
		For >10 To 25, Add	154.64
		For >25 To 50, Add	109.08
		For >50 To 100, Add	54.54
		For >500 To 1,000, Deduct	-18.49
		For >1,000 To 2,000, Deduct	-28.10
		For >2,000 To 5,000, Deduct	-46.42
		For >5,000, Deduct	-76.88
33 01 30 72-0069	LF	13.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	399.77
		For Vinlyester Resin, Add	257.27
		For Epoxy Resin, Add	30.32
		For Up To >10, Add	280.49
		For >10 To 25, Add	172.48
		For >25 To 50, Add	121.87
		For >50 To 100, Add	60.93
		For >500 To 1,000, Deduct	-20.79
		For >1,000 To 2,000, Deduct	-31.59
		For >2,000 To 5,000, Deduct	-52.16
		For >5,000, Deduct	-86.40
33 01 30 72-0070	LF	13.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	445.03
		For Vinlyester Resin, Add	286.43
		For Epoxy Resin, Add	33.76
		For Up To >10, Add	312.14
		For >10 To 25, Add	191.92
		For >25 To 50, Add	135.61
		For >50 To 100, Add	67.81
		For >500 To 1,000, Deduct	-23.15
		For >1,000 To 2,000, Deduct	-35.17
		For >2,000 To 5,000, Deduct	-58.06
		For >5,000, Deduct	-96.18
33 01 30 72-0071	LF	13.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	532.86
		For Vinlyester Resin, Add	344.74
		For Epoxy Resin, Add	40.63
		For Up To >10, Add	367.36
		For >10 To 25, Add	224.05
		For >25 To 50, Add	159.05
		For >50 To 100, Add	79.53
		For >500 To 1,000, Deduct	-27.65
		For >1,000 To 2,000, Deduct	-41.98
		For >2,000 To 5,000, Deduct	-69.19
		For >5,000, Deduct	-114.65

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	33 01 30 72-0072	LF		13.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	621.84	
				For Vinylster Resin, Add	403.06	
				For Epoxy Resin, Add	47.50	
				For Up To >10, Add	426.02	
				For >10 To 25, Add	259.05	
				For >25 To 50, Add	184.22	
				For >50 To 100, Add	92.11	
				For >500 To 1,000, Deduct	-32.24	
				For >1,000 To 2,000, Deduct	-48.94	
				For >2,000 To 5,000, Deduct	-80.61	
				For >5,000, Deduct	-133.58	
	33 01 30 72-0073	LF		13.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	712.88	
				For Vinylster Resin, Add	461.38	
				For Epoxy Resin, Add	54.38	
				For Up To >10, Add	490.87	
				For >10 To 25, Add	299.20	
				For >25 To 50, Add	212.48	
				For >50 To 100, Add	106.24	
				For >500 To 1,000, Deduct	-36.99	
				For >1,000 To 2,000, Deduct	-56.15	
				For >2,000 To 5,000, Deduct	-92.54	
				For >5,000, Deduct	-153.33	
	33 01 30 72-0074			15mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>		
	33 01 30 72-0075	LF		15mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	244.23	
				For Vinylster Resin, Add	155.62	
				For Epoxy Resin, Add	18.34	
				For Up To >10, Add	176.92	
				For >10 To 25, Add	110.38	
				For >25 To 50, Add	77.34	
				For >50 To 100, Add	38.67	
				For >500 To 1,000, Deduct	-12.76	
				For >1,000 To 2,000, Deduct	-19.41	
				For >2,000 To 5,000, Deduct	-32.16	
				For >5,000, Deduct	-53.23	
	33 01 30 72-0076	LF		15mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	293.36	
				For Vinylster Resin, Add	188.02	
				For Epoxy Resin, Add	22.16	
				For Up To >10, Add	208.58	
				For >10 To 25, Add	129.05	
				For >25 To 50, Add	90.86	
				For >50 To 100, Add	45.43	
				For >500 To 1,000, Deduct	-15.29	
				For >1,000 To 2,000, Deduct	-23.24	
				For >2,000 To 5,000, Deduct	-38.42	
				For >5,000, Deduct	-63.62	
	33 01 30 72-0077	LF		15mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	341.71	
				For Vinylster Resin, Add	220.42	
				For Epoxy Resin, Add	25.98	
				For Up To >10, Add	237.93	
				For >10 To 25, Add	145.80	
				For >25 To 50, Add	103.22	
				For >50 To 100, Add	51.61	
				For >500 To 1,000, Deduct	-17.76	
				For >1,000 To 2,000, Deduct	-26.97	
				For >2,000 To 5,000, Deduct	-44.49	
				For >5,000, Deduct	-73.71	
	33 01 30 72-0078	LF		15mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	390.43	
				For Vinylster Resin, Add	252.81	
				For Epoxy Resin, Add	29.80	
				For Up To >10, Add	268.39	
				For >10 To 25, Add	163.47	
				For >25 To 50, Add	116.14	
				For >50 To 100, Add	58.07	
				For >500 To 1,000, Deduct	-20.25	
				For >1,000 To 2,000, Deduct	-30.75	
				For >2,000 To 5,000, Deduct	-50.66	
				For >5,000, Deduct	-83.94	
	33 01 30 72-0079	LF		15mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	439.69	
				For Vinylster Resin, Add	285.22	
				For Epoxy Resin, Add	33.61	
				For Up To >10, Add	300.45	
				For >10 To 25, Add	182.46	
				For >25 To 50, Add	129.85	
				For >50 To 100, Add	64.93	
				For >500 To 1,000, Deduct	-22.79	
				For >1,000 To 2,000, Deduct	-34.59	
				For >2,000 To 5,000, Deduct	-56.95	
				For >5,000, Deduct	-94.39	
	33 01 30 72-0080	LF		15mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	489.58	
				For Vinylster Resin, Add	317.61	
				For Epoxy Resin, Add	37.43	
				For Up To >10, Add	334.42	
				For >10 To 25, Add	203.06	
				For >25 To 50, Add	144.52	
				For >50 To 100, Add	72.26	
				For >500 To 1,000, Deduct	-25.38	
				For >1,000 To 2,000, Deduct	-38.51	
				For >2,000 To 5,000, Deduct	-63.41	
				For >5,000, Deduct	-105.09	

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33 01 30 72-0081	LF 15mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	586.67	
	For Vinlyester Resin, Add	382.41	
	For Epoxy Resin, Add	45.07	
	For Up To >10, Add	394.26	
	For >10 To 25, Add	237.50	
	For >25 To 50, Add	169.82	
	For >50 To 100, Add	84.91	
	For >500 To 1,000, Deduct	-30.34	
	For >1,000 To 2,000, Deduct	-46.02	
	For >2,000 To 5,000, Deduct	-75.65	
	For >5,000, Deduct	-125.41	
33 01 30 72-0082	LF 15mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	684.91	
	For Vinlyester Resin, Add	447.21	
	For Epoxy Resin, Add	52.71	
	For Up To >10, Add	457.56	
	For >10 To 25, Add	274.82	
	For >25 To 50, Add	196.83	
	For >50 To 100, Add	98.42	
	For >500 To 1,000, Deduct	-35.40	
	For >1,000 To 2,000, Deduct	-53.67	
	For >2,000 To 5,000, Deduct	-88.17	
	For >5,000, Deduct	-146.19	
33 01 30 72-0083	LF 15mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	785.21	
	For Vinlyester Resin, Add	512.01	
	For Epoxy Resin, Add	60.34	
	For Up To >10, Add	527.03	
	For >10 To 25, Add	317.29	
	For >25 To 50, Add	226.94	
	For >50 To 100, Add	113.47	
	For >500 To 1,000, Deduct	-40.60	
	For >1,000 To 2,000, Deduct	-61.58	
	For >2,000 To 5,000, Deduct	-101.22	
	For >5,000, Deduct	-167.80	

33 01 30 72-0084 16.5mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)

33 01 30 72-0085	LF 16.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	319.21	
	For Vinlyester Resin, Add	206.12	
	For Epoxy Resin, Add	24.29	
	For Up To >10, Add	221.51	
	For >10 To 25, Add	135.51	
	For >25 To 50, Add	96.03	
	For >50 To 100, Add	48.02	
	For >500 To 1,000, Deduct	-16.58	
	For >1,000 To 2,000, Deduct	-25.18	
	For >2,000 To 5,000, Deduct	-41.52	
	For >5,000, Deduct	-68.79	
33 01 30 72-0086	LF 16.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	372.19	
	For Vinlyester Resin, Add	241.75	
	For Epoxy Resin, Add	28.49	
	For Up To >10, Add	253.17	
	For >10 To 25, Add	153.42	
	For >25 To 50, Add	109.32	
	For >50 To 100, Add	54.66	
	For >500 To 1,000, Deduct	-19.28	
	For >1,000 To 2,000, Deduct	-29.26	
	For >2,000 To 5,000, Deduct	-48.15	
	For >5,000, Deduct	-79.80	
33 01 30 72-0087	LF 16.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	425.55	
	For Vinlyester Resin, Add	277.40	
	For Epoxy Resin, Add	32.69	
	For Up To >10, Add	285.95	
	For >10 To 25, Add	172.25	
	For >25 To 50, Add	123.16	
	For >50 To 100, Add	61.58	
	For >500 To 1,000, Deduct	-22.01	
	For >1,000 To 2,000, Deduct	-33.38	
	For >2,000 To 5,000, Deduct	-54.87	
	For >5,000, Deduct	-90.96	
33 01 30 72-0088	LF 16.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	479.43	
	For Vinlyester Resin, Add	313.03	
	For Epoxy Resin, Add	36.89	
	For Up To >10, Add	320.32	
	For >10 To 25, Add	192.40	
	For >25 To 50, Add	137.80	
	For >50 To 100, Add	68.90	
	For >500 To 1,000, Deduct	-24.78	
	For >1,000 To 2,000, Deduct	-37.57	
	For >2,000 To 5,000, Deduct	-61.72	
	For >5,000, Deduct	-102.33	
33 01 30 72-0089	LF 16.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	533.96	
	For Vinlyester Resin, Add	348.68	
	For Epoxy Resin, Add	41.09	
	For Up To >10, Add	356.61	
	For >10 To 25, Add	214.15	
	For >25 To 50, Add	153.40	
	For >50 To 100, Add	76.70	
	For >500 To 1,000, Deduct	-27.59	
	For >1,000 To 2,000, Deduct	-41.84	
	For >2,000 To 5,000, Deduct	-68.74	
	For >5,000, Deduct	-113.96	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0090 LF 16.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	640.30	
For Vinylster Resin, Add	419.95	
For Epoxy Resin, Add	49.49	
For Up To >10, Add	421.08	
For >10 To 25, Add	250.91	
For >25 To 50, Add	180.54	
For >50 To 100, Add	90.27	
For >500 To 1,000, Deduct	-33.02	
For >1,000 To 2,000, Deduct	-50.04	
For >2,000 To 5,000, Deduct	-82.08	
For >5,000, Deduct	-136.13	
33 01 30 72-0091 LF 16.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	747.79	
For Vinylster Resin, Add	491.23	
For Epoxy Resin, Add	57.89	
For Up To >10, Add	489.00	
For >10 To 25, Add	290.54	
For >25 To 50, Add	209.41	
For >50 To 100, Add	104.71	
For >500 To 1,000, Deduct	-38.54	
For >1,000 To 2,000, Deduct	-58.39	
For >2,000 To 5,000, Deduct	-95.72	
For >5,000, Deduct	-158.77	
33 01 30 72-0092 LF 16.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	857.35	
For Vinylster Resin, Add	562.51	
For Epoxy Resin, Add	66.30	
For Up To >10, Add	563.10	
For >10 To 25, Add	335.32	
For >25 To 50, Add	241.37	
For >50 To 100, Add	120.69	
For >500 To 1,000, Deduct	-44.21	
For >1,000 To 2,000, Deduct	-66.99	
For >2,000 To 5,000, Deduct	-109.87	
For >5,000, Deduct	-182.22	
33 01 30 72-0093 LF 16.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	966.02	
For Vinylster Resin, Add	633.79	
For Epoxy Resin, Add	74.70	
For Up To >10, Add	634.54	
For >10 To 25, Add	377.88	
For >25 To 50, Add	272.00	
For >50 To 100, Add	136.00	
For >500 To 1,000, Deduct	-49.82	
For >1,000 To 2,000, Deduct	-75.48	
For >2,000 To 5,000, Deduct	-123.80	
For >5,000, Deduct	-205.33	
33 01 30 72-0094 18mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)		
33 01 30 72-0095 LF 18mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	345.53	
For Vinylster Resin, Add	224.09	
For Epoxy Resin, Add	26.41	
For Up To >10, Add	236.27	
For >10 To 25, Add	143.53	
For >25 To 50, Add	102.13	
For >50 To 100, Add	51.06	
For >500 To 1,000, Deduct	-17.91	
For >1,000 To 2,000, Deduct	-27.18	
For >2,000 To 5,000, Deduct	-44.77	
For >5,000, Deduct	-74.19	
33 01 30 72-0096 LF 18mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	403.26	
For Vinylster Resin, Add	262.97	
For Epoxy Resin, Add	30.99	
For Up To >10, Add	270.61	
For >10 To 25, Add	162.89	
For >25 To 50, Add	116.52	
For >50 To 100, Add	58.26	
For >500 To 1,000, Deduct	-20.85	
For >1,000 To 2,000, Deduct	-31.62	
For >2,000 To 5,000, Deduct	-51.98	
For >5,000, Deduct	-86.17	
33 01 30 72-0097 LF 18mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	461.26	
For Vinylster Resin, Add	301.85	
For Epoxy Resin, Add	35.57	
For Up To >10, Add	305.76	
For >10 To 25, Add	182.93	
For >25 To 50, Add	131.32	
For >50 To 100, Add	65.66	
For >500 To 1,000, Deduct	-23.81	
For >1,000 To 2,000, Deduct	-36.10	
For >2,000 To 5,000, Deduct	-59.26	
For >5,000, Deduct	-98.26	
33 01 30 72-0098 LF 18mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	519.90	
For Vinylster Resin, Add	340.73	
For Epoxy Resin, Add	40.16	
For Up To >10, Add	342.83	
For >10 To 25, Add	204.56	
For >25 To 50, Add	147.08	
For >50 To 100, Add	73.54	
For >500 To 1,000, Deduct	-26.82	
For >1,000 To 2,000, Deduct	-40.65	
For >2,000 To 5,000, Deduct	-66.70	
For >5,000, Deduct	-110.61	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 01 30 72-0099	LF 18mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	579.05	
	For Vinlyester Resin, Add	379.60	
	For Epoxy Resin, Add	44.74	
	For Up To >10, Add	381.43	
	For >10 To 25, Add	227.47	
	For >25 To 50, Add	163.60	
	For >50 To 100, Add	81.80	
	For >500 To 1,000, Deduct	-29.87	
	For >1,000 To 2,000, Deduct	-45.27	
	For >2,000 To 5,000, Deduct	-74.26	
	For >5,000, Deduct	-123.16	
33 01 30 72-0100	LF 18mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	695.68	
	For Vinlyester Resin, Add	457.37	
	For Epoxy Resin, Add	53.90	
	For Up To >10, Add	453.59	
	For >10 To 25, Add	269.10	
	For >25 To 50, Add	194.13	
	For >50 To 100, Add	97.06	
	For >500 To 1,000, Deduct	-35.84	
	For >1,000 To 2,000, Deduct	-54.29	
	For >2,000 To 5,000, Deduct	-88.98	
	For >5,000, Deduct	-147.60	
33 01 30 72-0101	LF 18mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	812.82	
	For Vinlyester Resin, Add	535.12	
	For Epoxy Resin, Add	63.07	
	For Up To >10, Add	527.31	
	For >10 To 25, Add	312.02	
	For >25 To 50, Add	225.43	
	For >50 To 100, Add	112.72	
	For >500 To 1,000, Deduct	-41.85	
	For >1,000 To 2,000, Deduct	-63.38	
	For >2,000 To 5,000, Deduct	-103.83	
	For >5,000, Deduct	-172.24	
33 01 30 72-0102	LF 18mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	932.02	
	For Vinlyester Resin, Add	612.88	
	For Epoxy Resin, Add	72.23	
	For Up To >10, Add	607.21	
	For >10 To 25, Add	360.09	
	For >25 To 50, Add	259.83	
	For >50 To 100, Add	129.91	
	For >500 To 1,000, Deduct	-48.01	
	For >1,000 To 2,000, Deduct	-72.73	
	For >2,000 To 5,000, Deduct	-119.18	
	For >5,000, Deduct	-197.70	
33 01 30 72-0103	LF 18mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,050.33	
	For Vinlyester Resin, Add	690.64	
	For Epoxy Resin, Add	81.40	
	For Up To >10, Add	684.42	
	For >10 To 25, Add	405.91	
	For >25 To 50, Add	292.88	
	For >50 To 100, Add	146.44	
	For >500 To 1,000, Deduct	-54.11	
	For >1,000 To 2,000, Deduct	-81.96	
	For >2,000 To 5,000, Deduct	-134.32	
	For >5,000, Deduct	-222.81	
33 01 30 72-0104	LF 18mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,168.51	
	For Vinlyester Resin, Add	768.40	
	For Epoxy Resin, Add	90.56	
	For Up To >10, Add	761.26	
	For >10 To 25, Add	451.43	
	For >25 To 50, Add	325.74	
	For >50 To 100, Add	162.87	
	For >500 To 1,000, Deduct	-60.20	
	For >1,000 To 2,000, Deduct	-91.18	
	For >2,000 To 5,000, Deduct	-149.43	
	For >5,000, Deduct	-247.86	
33 01 30 72-0105	LF 18mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,287.19	
	For Vinlyester Resin, Add	846.15	
	For Epoxy Resin, Add	99.73	
	For Up To >10, Add	839.60	
	For >10 To 25, Add	498.20	
	For >25 To 50, Add	359.36	
	For >50 To 100, Add	179.68	
	For >500 To 1,000, Deduct	-66.32	
	For >1,000 To 2,000, Deduct	-100.46	
	For >2,000 To 5,000, Deduct	-164.65	
	For >5,000, Deduct	-273.12	
33 01 30 72-0106	LF 18mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,405.49	
	For Vinlyester Resin, Add	923.91	
	For Epoxy Resin, Add	108.89	
	For Up To >10, Add	916.80	
	For >10 To 25, Add	544.02	
	For >25 To 50, Add	392.40	
	For >50 To 100, Add	196.20	
	For >500 To 1,000, Deduct	-72.42	
	For >1,000 To 2,000, Deduct	-109.69	
	For >2,000 To 5,000, Deduct	-179.79	
	For >5,000, Deduct	-298.22	

33 01 30 72-0107 19.5mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	33 01 30	72-0108	LF	19.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	372.05	
				For Vinlyester Resin, Add	241.93	
				For Epoxy Resin, Add	28.51	
				For Up To >10, Add	252.10	
				For >10 To 25, Add	152.48	
				For >25 To 50, Add	108.77	
				For >50 To 100, Add	54.38	
				For >500 To 1,000, Deduct	-19.26	
				For >1,000 To 2,000, Deduct	-29.23	
				For >2,000 To 5,000, Deduct	-48.08	
				For >5,000, Deduct	-79.70	
	33 01 30	72-0109	LF	19.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	434.42	
				For Vinlyester Resin, Add	284.05	
				For Epoxy Resin, Add	33.48	
				For Up To >10, Add	288.79	
				For >10 To 25, Add	173.02	
				For >25 To 50, Add	124.10	
				For >50 To 100, Add	62.05	
				For >500 To 1,000, Deduct	-22.44	
				For >1,000 To 2,000, Deduct	-34.01	
				For >2,000 To 5,000, Deduct	-55.85	
				For >5,000, Deduct	-92.61	
	33 01 30	72-0110	LF	19.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	497.16	
				For Vinlyester Resin, Add	326.17	
				For Epoxy Resin, Add	38.44	
				For Up To >10, Add	326.58	
				For >10 To 25, Add	194.49	
				For >25 To 50, Add	139.99	
				For >50 To 100, Add	70.00	
				For >500 To 1,000, Deduct	-25.64	
				For >1,000 To 2,000, Deduct	-38.85	
				For >2,000 To 5,000, Deduct	-63.72	
				For >5,000, Deduct	-105.67	
	33 01 30	72-0111	LF	19.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	560.18	
				For Vinlyester Resin, Add	368.29	
				For Epoxy Resin, Add	43.41	
				For Up To >10, Add	365.22	
				For >10 To 25, Add	216.66	
				For >25 To 50, Add	156.30	
				For >50 To 100, Add	78.15	
				For >500 To 1,000, Deduct	-28.86	
				For >1,000 To 2,000, Deduct	-43.72	
				For >2,000 To 5,000, Deduct	-71.65	
				For >5,000, Deduct	-118.85	
	33 01 30	72-0112	LF	19.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	624.22	
				For Vinlyester Resin, Add	410.41	
				For Epoxy Resin, Add	48.37	
				For Up To >10, Add	406.91	
				For >10 To 25, Add	241.38	
				For >25 To 50, Add	174.14	
				For >50 To 100, Add	87.07	
				For >500 To 1,000, Deduct	-32.16	
				For >1,000 To 2,000, Deduct	-48.71	
				For >2,000 To 5,000, Deduct	-79.84	
				For >5,000, Deduct	-132.43	
	33 01 30	72-0113	LF	19.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	751.26	
				For Vinlyester Resin, Add	494.65	
				For Epoxy Resin, Add	58.30	
				For Up To >10, Add	487.18	
				For >10 To 25, Add	288.21	
				For >25 To 50, Add	208.26	
				For >50 To 100, Add	104.13	
				For >500 To 1,000, Deduct	-38.68	
				For >1,000 To 2,000, Deduct	-58.58	
				For >2,000 To 5,000, Deduct	-95.95	
				For >5,000, Deduct	-159.18	
	33 01 30	72-0114	LF	19.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	878.69	
				For Vinlyester Resin, Add	578.89	
				For Epoxy Resin, Add	68.23	
				For Up To >10, Add	568.62	
				For >10 To 25, Add	336.02	
				For >25 To 50, Add	242.96	
				For >50 To 100, Add	121.48	
				For >500 To 1,000, Deduct	-45.23	
				For >1,000 To 2,000, Deduct	-68.49	
				For >2,000 To 5,000, Deduct	-112.17	
				For >5,000, Deduct	-186.08	
	33 01 30	72-0115	LF	19.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,007.03	
				For Vinlyester Resin, Add	663.12	
				For Epoxy Resin, Add	78.15	
				For Up To >10, Add	652.79	
				For >10 To 25, Add	386.11	
				For >25 To 50, Add	279.03	
				For >50 To 100, Add	139.51	
				For >500 To 1,000, Deduct	-51.84	
				For >1,000 To 2,000, Deduct	-78.51	
				For >2,000 To 5,000, Deduct	-128.61	
				For >5,000, Deduct	-213.35	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 01 30 72-0116	LF 19.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,134.97
	For Vinlyester Resin, Add	747.36
	For Epoxy Resin, Add	88.08
	For Up To >10, Add	735.76
	For >10 To 25, Add	435.19
	For >25 To 50, Add	314.50
	For >50 To 100, Add	157.25
	For >500 To 1,000, Deduct	-58.43
	For >1,000 To 2,000, Deduct	-88.49
	For >2,000 To 5,000, Deduct	-144.95
	For >5,000, Deduct	-240.46
33 01 30 72-0117	LF 19.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,262.93
	For Vinlyester Resin, Add	831.60
	For Epoxy Resin, Add	98.01
	For Up To >10, Add	818.79
	For >10 To 25, Add	484.33
	For >25 To 50, Add	350.00
	For >50 To 100, Add	175.00
	For >500 To 1,000, Deduct	-65.02
	For >1,000 To 2,000, Deduct	-98.47
	For >2,000 To 5,000, Deduct	-161.29
	For >5,000, Deduct	-267.57
33 01 30 72-0118	LF 19.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,392.42
	For Vinlyester Resin, Add	915.84
	For Epoxy Resin, Add	107.94
	For Up To >10, Add	906.41
	For >10 To 25, Add	537.29
	For >25 To 50, Add	387.79
	For >50 To 100, Add	193.89
	For >500 To 1,000, Deduct	-71.72
	For >1,000 To 2,000, Deduct	-108.64
	For >2,000 To 5,000, Deduct	-178.02
	For >5,000, Deduct	-295.30
33 01 30 72-0119	LF 19.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,520.49
	For Vinlyester Resin, Add	1,000.07
	For Epoxy Resin, Add	117.87
	For Up To >10, Add	989.80
	For >10 To 25, Add	586.72
	For >25 To 50, Add	423.46
	For >50 To 100, Add	211.73
	For >500 To 1,000, Deduct	-78.32
	For >1,000 To 2,000, Deduct	-118.63
	For >2,000 To 5,000, Deduct	-194.40
	For >5,000, Deduct	-322.46
33 01 30 72-0120	21mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>	
33 01 30 72-0121	LF 21mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	398.27
	For Vinlyester Resin, Add	259.65
	For Epoxy Resin, Add	30.60
	For Up To >10, Add	267.49
	For >10 To 25, Add	161.08
	For >25 To 50, Add	115.20
	For >50 To 100, Add	57.60
	For >500 To 1,000, Deduct	-20.60
	For >1,000 To 2,000, Deduct	-31.24
	For >2,000 To 5,000, Deduct	-51.35
	For >5,000, Deduct	-85.12
33 01 30 72-0122	LF 21mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	465.39
	For Vinlyester Resin, Add	305.01
	For Epoxy Resin, Add	35.95
	For Up To >10, Add	306.85
	For >10 To 25, Add	183.08
	For >25 To 50, Add	131.64
	For >50 To 100, Add	65.82
	For >500 To 1,000, Deduct	-24.01
	For >1,000 To 2,000, Deduct	-36.39
	For >2,000 To 5,000, Deduct	-59.70
	For >5,000, Deduct	-99.01
33 01 30 72-0123	LF 21mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	532.90
	For Vinlyester Resin, Add	350.37
	For Epoxy Resin, Add	41.29
	For Up To >10, Add	347.38
	For >10 To 25, Add	206.06
	For >25 To 50, Add	148.66
	For >50 To 100, Add	74.33
	For >500 To 1,000, Deduct	-27.45
	For >1,000 To 2,000, Deduct	-41.59
	For >2,000 To 5,000, Deduct	-68.16
	For >5,000, Deduct	-113.05
33 01 30 72-0124	LF 21mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	600.28
	For Vinlyester Resin, Add	395.73
	For Epoxy Resin, Add	46.64
	For Up To >10, Add	387.52
	For >10 To 25, Add	228.71
	For >25 To 50, Add	165.49
	For >50 To 100, Add	82.75
	For >500 To 1,000, Deduct	-30.89
	For >1,000 To 2,000, Deduct	-46.77
	For >2,000 To 5,000, Deduct	-76.58
	For >5,000, Deduct	-127.05

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 01 30 72-0125	LF	21mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	669.08	
		For Vinylster Resin, Add	441.09	
		For Epoxy Resin, Add	51.99	
		For Up To >10, Add	431.92	
		For >10 To 25, Add	254.91	
		For >25 To 50, Add	184.45	
		For >50 To 100, Add	92.23	
		For >500 To 1,000, Deduct	-34.43	
		For >1,000 To 2,000, Deduct	-52.13	
		For >2,000 To 5,000, Deduct	-85.35	
		For >5,000, Deduct	-141.61	
33 01 30 72-0126	LF	21mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	806.66	
		For Vinylster Resin, Add	531.80	
		For Epoxy Resin, Add	62.68	
		For Up To >10, Add	520.68	
		For >10 To 25, Add	307.28	
		For >25 To 50, Add	222.35	
		For >50 To 100, Add	111.18	
		For >500 To 1,000, Deduct	-41.51	
		For >1,000 To 2,000, Deduct	-62.85	
		For >2,000 To 5,000, Deduct	-102.90	
		For >5,000, Deduct	-170.72	
33 01 30 72-0127	LF	21mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	944.26	
		For Vinylster Resin, Add	622.52	
		For Epoxy Resin, Add	73.37	
		For Up To >10, Add	609.48	
		For >10 To 25, Add	359.68	
		For >25 To 50, Add	260.27	
		For >50 To 100, Add	130.14	
		For >500 To 1,000, Deduct	-48.59	
		For >1,000 To 2,000, Deduct	-73.57	
		For >2,000 To 5,000, Deduct	-120.45	
		For >5,000, Deduct	-199.84	
33 01 30 72-0128	LF	21mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,081.84	
		For Vinylster Resin, Add	713.24	
		For Epoxy Resin, Add	84.06	
		For Up To >10, Add	698.25	
		For >10 To 25, Add	412.05	
		For >25 To 50, Add	298.18	
		For >50 To 100, Add	149.09	
		For >500 To 1,000, Deduct	-55.67	
		For >1,000 To 2,000, Deduct	-84.28	
		For >2,000 To 5,000, Deduct	-138.00	
		For >5,000, Deduct	-228.95	
33 01 30 72-0129	LF	21mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,219.43	
		For Vinylster Resin, Add	803.96	
		For Epoxy Resin, Add	94.75	
		For Up To >10, Add	787.02	
		For >10 To 25, Add	464.43	
		For >25 To 50, Add	336.08	
		For >50 To 100, Add	168.04	
		For >500 To 1,000, Deduct	-62.74	
		For >1,000 To 2,000, Deduct	-95.00	
		For >2,000 To 5,000, Deduct	-155.55	
		For >5,000, Deduct	-258.07	
33 01 30 72-0130	LF	21mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,357.03	
		For Vinylster Resin, Add	894.68	
		For Epoxy Resin, Add	105.44	
		For Up To >10, Add	875.82	
		For >10 To 25, Add	516.83	
		For >25 To 50, Add	374.00	
		For >50 To 100, Add	187.00	
		For >500 To 1,000, Deduct	-69.82	
		For >1,000 To 2,000, Deduct	-105.72	
		For >2,000 To 5,000, Deduct	-173.10	
		For >5,000, Deduct	-287.19	
33 01 30 72-0131	LF	21mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,497.46	
		For Vinylster Resin, Add	985.40	
		For Epoxy Resin, Add	116.14	
		For Up To >10, Add	973.11	
		For >10 To 25, Add	576.30	
		For >25 To 50, Add	416.17	
		For >50 To 100, Add	208.08	
		For >500 To 1,000, Deduct	-77.12	
		For >1,000 To 2,000, Deduct	-116.80	
		For >2,000 To 5,000, Deduct	-191.36	
		For >5,000, Deduct	-317.44	
33 01 30 72-0132	LF	21mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,635.31	
		For Vinylster Resin, Add	1,076.11	
		For Epoxy Resin, Add	126.83	
		For Up To >10, Add	1,062.68	
		For >10 To 25, Add	629.35	
		For >25 To 50, Add	454.48	
		For >50 To 100, Add	227.24	
		For >500 To 1,000, Deduct	-84.22	
		For >1,000 To 2,000, Deduct	-127.55	
		For >2,000 To 5,000, Deduct	-208.98	
		For >5,000, Deduct	-346.66	

33 01 30 72-0133 22.5mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0134	LF		22.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	424.17	
			For Vinlyester Resin, Add	277.24	
			For Epoxy Resin, Add	32.67	
			For Up To >10, Add	282.36	
			For >10 To 25, Add	169.29	
			For >25 To 50, Add	121.38	
			For >50 To 100, Add	60.69	
			For >500 To 1,000, Deduct	-21.91	
			For >1,000 To 2,000, Deduct	-33.22	
			For >2,000 To 5,000, Deduct	-54.55	
			For >5,000, Deduct	-90.46	
33 01 30 72-0135	LF		22.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	495.93	
			For Vinlyester Resin, Add	325.84	
			For Epoxy Resin, Add	38.40	
			For Up To >10, Add	324.07	
			For >10 To 25, Add	192.47	
			For >25 To 50, Add	138.76	
			For >50 To 100, Add	69.38	
			For >500 To 1,000, Deduct	-25.56	
			For >1,000 To 2,000, Deduct	-38.72	
			For >2,000 To 5,000, Deduct	-63.47	
			For >5,000, Deduct	-105.27	
33 01 30 72-0136	LF		22.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	568.45	
			For Vinlyester Resin, Add	374.44	
			For Epoxy Resin, Add	44.13	
			For Up To >10, Add	368.05	
			For >10 To 25, Add	217.56	
			For >25 To 50, Add	157.28	
			For >50 To 100, Add	78.64	
			For >500 To 1,000, Deduct	-29.26	
			For >1,000 To 2,000, Deduct	-44.31	
			For >2,000 To 5,000, Deduct	-72.57	
			For >5,000, Deduct	-120.40	
33 01 30 72-0137	LF		22.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	641.35	
			For Vinlyester Resin, Add	423.04	
			For Epoxy Resin, Add	49.86	
			For Up To >10, Add	413.20	
			For >10 To 25, Add	243.61	
			For >25 To 50, Add	176.38	
			For >50 To 100, Add	88.19	
			For >500 To 1,000, Deduct	-32.99	
			For >1,000 To 2,000, Deduct	-49.95	
			For >2,000 To 5,000, Deduct	-81.77	
			For >5,000, Deduct	-135.67	
33 01 30 72-0138	LF		22.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	715.03	
			For Vinlyester Resin, Add	471.63	
			For Epoxy Resin, Add	55.59	
			For Up To >10, Add	460.69	
			For >10 To 25, Add	271.62	
			For >25 To 50, Add	196.66	
			For >50 To 100, Add	98.33	
			For >500 To 1,000, Deduct	-36.78	
			For >1,000 To 2,000, Deduct	-55.69	
			For >2,000 To 5,000, Deduct	-91.17	
			For >5,000, Deduct	-151.26	
33 01 30 72-0139	LF		22.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	862.40	
			For Vinlyester Resin, Add	568.83	
			For Epoxy Resin, Add	67.04	
			For Up To >10, Add	555.65	
			For >10 To 25, Add	327.61	
			For >25 To 50, Add	237.19	
			For >50 To 100, Add	118.60	
			For >500 To 1,000, Deduct	-44.36	
			For >1,000 To 2,000, Deduct	-67.17	
			For >2,000 To 5,000, Deduct	-109.96	
			For >5,000, Deduct	-182.44	
33 01 30 72-0140	LF		22.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,009.76	
			For Vinlyester Resin, Add	666.03	
			For Epoxy Resin, Add	78.50	
			For Up To >10, Add	650.61	
			For >10 To 25, Add	383.59	
			For >25 To 50, Add	277.73	
			For >50 To 100, Add	138.86	
			For >500 To 1,000, Deduct	-51.95	
			For >1,000 To 2,000, Deduct	-78.65	
			For >2,000 To 5,000, Deduct	-128.75	
			For >5,000, Deduct	-213.61	
33 01 30 72-0141	LF		22.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,157.13	
			For Vinlyester Resin, Add	763.23	
			For Epoxy Resin, Add	89.95	
			For Up To >10, Add	745.57	
			For >10 To 25, Add	439.58	
			For >25 To 50, Add	318.27	
			For >50 To 100, Add	159.13	
			For >500 To 1,000, Deduct	-59.53	
			For >1,000 To 2,000, Deduct	-90.12	
			For >2,000 To 5,000, Deduct	-147.54	
			For >5,000, Deduct	-244.79	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	33 01 30	72-0142	LF	22.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,304.49	
				For Vinylster Resin, Add	860.43	
				For Epoxy Resin, Add	101.41	
				For Up To >10, Add	840.52	
				For >10 To 25, Add	495.57	
				For >25 To 50, Add	358.80	
				For >50 To 100, Add	179.40	
				For >500 To 1,000, Deduct	-67.11	
				For >1,000 To 2,000, Deduct	-101.60	
				For >2,000 To 5,000, Deduct	-166.33	
				For >5,000, Deduct	-275.96	
	33 01 30	72-0143	LF	22.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,451.85	
				For Vinylster Resin, Add	957.62	
				For Epoxy Resin, Add	112.86	
				For Up To >10, Add	935.48	
				For >10 To 25, Add	551.56	
				For >25 To 50, Add	399.34	
				For >50 To 100, Add	199.67	
				For >500 To 1,000, Deduct	-74.69	
				For >1,000 To 2,000, Deduct	-113.08	
				For >2,000 To 5,000, Deduct	-185.12	
				For >5,000, Deduct	-307.13	
	33 01 30	72-0144	LF	22.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,602.19	
				For Vinylster Resin, Add	1,054.82	
				For Epoxy Resin, Add	124.32	
				For Up To >10, Add	1,039.35	
				For >10 To 25, Add	614.97	
				For >25 To 50, Add	444.33	
				For >50 To 100, Add	222.16	
				For >500 To 1,000, Deduct	-82.49	
				For >1,000 To 2,000, Deduct	-124.93	
				For >2,000 To 5,000, Deduct	-204.65	
				For >5,000, Deduct	-339.50	
	33 01 30	72-0145	LF	22.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,749.81	
				For Vinylster Resin, Add	1,152.02	
				For Epoxy Resin, Add	135.77	
				For Up To >10, Add	1,135.08	
				For >10 To 25, Add	671.61	
				For >25 To 50, Add	485.25	
				For >50 To 100, Add	242.63	
				For >500 To 1,000, Deduct	-90.09	
				For >1,000 To 2,000, Deduct	-136.44	
				For >2,000 To 5,000, Deduct	-223.51	
				For >5,000, Deduct	-370.78	
	33 01 30	72-0146		24mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)		
	33 01 30	72-0147	LF	24mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	449.76	
				For Vinylster Resin, Add	294.70	
				For Epoxy Resin, Add	34.73	
				For Up To >10, Add	296.78	
				For >10 To 25, Add	177.15	
				For >25 To 50, Add	127.34	
				For >50 To 100, Add	63.67	
				For >500 To 1,000, Deduct	-23.21	
				For >1,000 To 2,000, Deduct	-35.17	
				For >2,000 To 5,000, Deduct	-57.71	
				For >5,000, Deduct	-95.70	
	33 01 30	72-0148	LF	24mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	526.14	
				For Vinylster Resin, Add	346.54	
				For Epoxy Resin, Add	40.84	
				For Up To >10, Add	340.77	
				For >10 To 25, Add	201.47	
				For >25 To 50, Add	145.63	
				For >50 To 100, Add	72.82	
				For >500 To 1,000, Deduct	-27.08	
				For >1,000 To 2,000, Deduct	-41.01	
				For >2,000 To 5,000, Deduct	-67.18	
				For >5,000, Deduct	-111.44	
	33 01 30	72-0149	LF	24mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	603.68	
				For Vinylster Resin, Add	398.38	
				For Epoxy Resin, Add	46.95	
				For Up To >10, Add	388.24	
				For >10 To 25, Add	228.68	
				For >25 To 50, Add	165.66	
				For >50 To 100, Add	82.83	
				For >500 To 1,000, Deduct	-31.05	
				For >1,000 To 2,000, Deduct	-47.00	
				For >2,000 To 5,000, Deduct	-76.93	
				For >5,000, Deduct	-127.65	
	33 01 30	72-0150	LF	24mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	682.24	
				For Vinylster Resin, Add	450.22	
				For Epoxy Resin, Add	53.06	
				For Up To >10, Add	438.80	
				For >10 To 25, Add	258.47	
				For >25 To 50, Add	187.24	
				For >50 To 100, Add	93.62	
				For >500 To 1,000, Deduct	-35.09	
				For >1,000 To 2,000, Deduct	-53.12	
				For >2,000 To 5,000, Deduct	-86.95	
				For >5,000, Deduct	-144.26	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01	30 72-0151	LF	24mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	760.82	
			For Vinlyester Resin, Add	502.06	
			For Epoxy Resin, Add	59.17	
			For Up To >10, Add	489.39	
			For >10 To 25, Add	288.28	
			For >25 To 50, Add	208.83	
			For >50 To 100, Add	104.42	
			For >500 To 1,000, Deduct	-39.13	
			For >1,000 To 2,000, Deduct	-59.24	
			For >2,000 To 5,000, Deduct	-96.97	
			For >5,000, Deduct	-160.88	
33 01	30 72-0152	LF	24mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	917.95	
			For Vinlyester Resin, Add	605.74	
			For Epoxy Resin, Add	71.39	
			For Up To >10, Add	590.50	
			For >10 To 25, Add	347.86	
			For >25 To 50, Add	251.98	
			For >50 To 100, Add	125.99	
			For >500 To 1,000, Deduct	-47.21	
			For >1,000 To 2,000, Deduct	-71.48	
			For >2,000 To 5,000, Deduct	-116.99	
			For >5,000, Deduct	-194.11	
33 01	30 72-0153	LF	24mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,114.22	
			For Vinlyester Resin, Add	736.90	
			For Epoxy Resin, Add	86.85	
			For Up To >10, Add	710.89	
			For >10 To 25, Add	416.95	
			For >25 To 50, Add	302.81	
			For >50 To 100, Add	151.40	
			For >500 To 1,000, Deduct	-57.25	
			For >1,000 To 2,000, Deduct	-86.64	
			For >2,000 To 5,000, Deduct	-141.70	
			For >5,000, Deduct	-235.15	
33 01	30 72-0154	LF	24mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,232.10	
			For Vinlyester Resin, Add	813.09	
			For Epoxy Resin, Add	95.83	
			For Up To >10, Add	792.40	
			For >10 To 25, Add	466.74	
			For >25 To 50, Add	338.12	
			For >50 To 100, Add	169.06	
			For >500 To 1,000, Deduct	-63.37	
			For >1,000 To 2,000, Deduct	-95.93	
			For >2,000 To 5,000, Deduct	-157.02	
			For >5,000, Deduct	-260.53	
33 01	30 72-0155	LF	24mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,389.24	
			For Vinlyester Resin, Add	916.77	
			For Epoxy Resin, Add	108.05	
			For Up To >10, Add	893.55	
			For >10 To 25, Add	526.34	
			For >25 To 50, Add	381.29	
			For >50 To 100, Add	190.64	
			For >500 To 1,000, Deduct	-71.45	
			For >1,000 To 2,000, Deduct	-108.17	
			For >2,000 To 5,000, Deduct	-177.05	
			For >5,000, Deduct	-293.76	
33 01	30 72-0156	LF	24mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,546.38	
			For Vinlyester Resin, Add	1,020.45	
			For Epoxy Resin, Add	120.27	
			For Up To >10, Add	994.69	
			For >10 To 25, Add	585.95	
			For >25 To 50, Add	424.46	
			For >50 To 100, Add	212.23	
			For >500 To 1,000, Deduct	-79.53	
			For >1,000 To 2,000, Deduct	-120.41	
			For >2,000 To 5,000, Deduct	-197.08	
			For >5,000, Deduct	-327.00	
33 01	30 72-0157	LF	24mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,706.61	
			For Vinlyester Resin, Add	1,124.12	
			For Epoxy Resin, Add	132.49	
			For Up To >10, Add	1,105.11	
			For >10 To 25, Add	653.27	
			For >25 To 50, Add	472.26	
			For >50 To 100, Add	236.13	
			For >500 To 1,000, Deduct	-87.85	
			For >1,000 To 2,000, Deduct	-133.03	
			For >2,000 To 5,000, Deduct	-217.89	
			For >5,000, Deduct	-361.47	
33 01	30 72-0158	LF	24mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,864.00	
			For Vinlyester Resin, Add	1,227.80	
			For Epoxy Resin, Add	144.71	
			For Up To >10, Add	1,207.00	
			For >10 To 25, Add	713.50	
			For >25 To 50, Add	515.80	
			For >50 To 100, Add	257.90	
			For >500 To 1,000, Deduct	-95.95	
			For >1,000 To 2,000, Deduct	-145.30	
			For >2,000 To 5,000, Deduct	-237.98	
			For >5,000, Deduct	-394.80	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0159	LF		24mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,021.40	
			For Vinylster Resin, Add	1,331.48	
			For Epoxy Resin, Add	156.92	
			For Up To >10, Add	1,308.93	
			For >10 To 25, Add	773.75	
			For >25 To 50, Add	559.36	
			For >50 To 100, Add	279.68	
			For >500 To 1,000, Deduct	-104.05	
			For >1,000 To 2,000, Deduct	-157.57	
			For >2,000 To 5,000, Deduct	-258.08	
			For >5,000, Deduct	-428.14	
33 01 30 72-0160	LF		24mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,178.79	
			For Vinylster Resin, Add	1,435.15	
			For Epoxy Resin, Add	169.14	
			For Up To >10, Add	1,410.82	
			For >10 To 25, Add	833.98	
			For >25 To 50, Add	602.90	
			For >50 To 100, Add	301.45	
			For >500 To 1,000, Deduct	-112.15	
			For >1,000 To 2,000, Deduct	-169.84	
			For >2,000 To 5,000, Deduct	-278.17	
			For >5,000, Deduct	-461.47	
33 01 30 72-0161			25.5mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)		
33 01 30 72-0162	LF		25.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	556.56	
			For Vinylster Resin, Add	367.12	
			For Epoxy Resin, Add	43.27	
			For Up To >10, Add	358.56	
			For >10 To 25, Add	211.39	
			For >25 To 50, Add	153.06	
			For >50 To 100, Add	76.53	
			For >500 To 1,000, Deduct	-28.63	
			For >1,000 To 2,000, Deduct	-43.35	
			For >2,000 To 5,000, Deduct	-70.96	
			For >5,000, Deduct	-117.73	
33 01 30 72-0163	LF		25.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	639.50	
			For Vinylster Resin, Add	422.20	
			For Epoxy Resin, Add	49.76	
			For Up To >10, Add	410.65	
			For >10 To 25, Add	241.69	
			For >25 To 50, Add	175.17	
			For >50 To 100, Add	87.58	
			For >500 To 1,000, Deduct	-32.88	
			For >1,000 To 2,000, Deduct	-49.78	
			For >2,000 To 5,000, Deduct	-81.47	
			For >5,000, Deduct	-135.17	
33 01 30 72-0164	LF		25.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	722.95	
			For Vinylster Resin, Add	477.27	
			For Epoxy Resin, Add	56.25	
			For Up To >10, Add	464.30	
			For >10 To 25, Add	273.28	
			For >25 To 50, Add	198.06	
			For >50 To 100, Add	99.03	
			For >500 To 1,000, Deduct	-37.18	
			For >1,000 To 2,000, Deduct	-56.28	
			For >2,000 To 5,000, Deduct	-92.10	
			For >5,000, Deduct	-152.82	
33 01 30 72-0165	LF		25.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	806.29	
			For Vinylster Resin, Add	532.36	
			For Epoxy Resin, Add	62.74	
			For Up To >10, Add	517.60	
			For >10 To 25, Add	304.58	
			For >25 To 50, Add	220.77	
			For >50 To 100, Add	110.39	
			For >500 To 1,000, Deduct	-41.46	
			For >1,000 To 2,000, Deduct	-62.76	
			For >2,000 To 5,000, Deduct	-102.71	
			For >5,000, Deduct	-170.41	
33 01 30 72-0166	LF		25.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	973.19	
			For Vinylster Resin, Add	642.51	
			For Epoxy Resin, Add	75.72	
			For Up To >10, Add	624.90	
			For >10 To 25, Add	367.77	
			For >25 To 50, Add	266.55	
			For >50 To 100, Add	133.28	
			For >500 To 1,000, Deduct	-50.04	
			For >1,000 To 2,000, Deduct	-75.76	
			For >2,000 To 5,000, Deduct	-123.97	
			For >5,000, Deduct	-205.70	
33 01 30 72-0167	LF		25.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,139.97	
			For Vinylster Resin, Add	752.67	
			For Epoxy Resin, Add	88.71	
			For Up To >10, Add	731.81	
			For >10 To 25, Add	430.64	
			For >25 To 50, Add	312.14	
			For >50 To 100, Add	156.07	
			For >500 To 1,000, Deduct	-58.62	
			For >1,000 To 2,000, Deduct	-88.73	
			For >2,000 To 5,000, Deduct	-145.21	
			For >5,000, Deduct	-240.94	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 01 30 72-0168	LF	25.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,306.89	
		<i>For Vinlyester Resin, Add</i>	862.83	
		<i>For Epoxy Resin, Add</i>	101.69	
		<i>For Up To >10, Add</i>	839.15	
		<i>For >10 To 25, Add</i>	493.85	
		<i>For >25 To 50, Add</i>	357.94	
		<i>For >50 To 100, Add</i>	178.97	
		<i>For >500 To 1,000, Deduct</i>	-67.20	
		<i>For >1,000 To 2,000, Deduct</i>	-101.73	
		<i>For >2,000 To 5,000, Deduct</i>	-166.48	
		<i>For >5,000, Deduct</i>	-276.23	
33 01 30 72-0169	LF	25.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,473.66	
		<i>For Vinlyester Resin, Add</i>	972.98	
		<i>For Epoxy Resin, Add</i>	114.67	
		<i>For Up To >10, Add</i>	946.06	
		<i>For >10 To 25, Add</i>	556.72	
		<i>For >25 To 50, Add</i>	403.53	
		<i>For >50 To 100, Add</i>	201.76	
		<i>For >500 To 1,000, Deduct</i>	-75.78	
		<i>For >1,000 To 2,000, Deduct</i>	-114.71	
		<i>For >2,000 To 5,000, Deduct</i>	-187.72	
		<i>For >5,000, Deduct</i>	-311.47	
33 01 30 72-0170	LF	25.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,640.59	
		<i>For Vinlyester Resin, Add</i>	1,083.15	
		<i>For Epoxy Resin, Add</i>	127.66	
		<i>For Up To >10, Add</i>	1,053.40	
		<i>For >10 To 25, Add</i>	619.94	
		<i>For >25 To 50, Add</i>	449.33	
		<i>For >50 To 100, Add</i>	224.67	
		<i>For >500 To 1,000, Deduct</i>	-84.36	
		<i>For >1,000 To 2,000, Deduct</i>	-127.71	
		<i>For >2,000 To 5,000, Deduct</i>	-208.99	
		<i>For >5,000, Deduct</i>	-346.77	
33 01 30 72-0171	LF	25.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,811.62	
		<i>For Vinlyester Resin, Add</i>	1,193.30	
		<i>For Epoxy Resin, Add</i>	140.64	
		<i>For Up To >10, Add</i>	1,173.09	
		<i>For >10 To 25, Add</i>	693.45	
		<i>For >25 To 50, Add</i>	501.31	
		<i>For >50 To 100, Add</i>	250.65	
		<i>For >500 To 1,000, Deduct</i>	-93.25	
		<i>For >1,000 To 2,000, Deduct</i>	-141.22	
		<i>For >2,000 To 5,000, Deduct</i>	-231.29	
		<i>For >5,000, Deduct</i>	-383.71	
33 01 30 72-0172	LF	25.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,978.92	
		<i>For Vinlyester Resin, Add</i>	1,303.46	
		<i>For Epoxy Resin, Add</i>	153.62	
		<i>For Up To >10, Add</i>	1,281.56	
		<i>For >10 To 25, Add</i>	757.62	
		<i>For >25 To 50, Add</i>	547.68	
		<i>For >50 To 100, Add</i>	273.84	
		<i>For >500 To 1,000, Deduct</i>	-101.87	
		<i>For >1,000 To 2,000, Deduct</i>	-154.26	
		<i>For >2,000 To 5,000, Deduct</i>	-252.66	
		<i>For >5,000, Deduct</i>	-419.15	
33 01 30 72-0173	LF	25.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,146.08	
		<i>For Vinlyester Resin, Add</i>	1,413.61	
		<i>For Epoxy Resin, Add</i>	166.60	
		<i>For Up To >10, Add</i>	1,389.64	
		<i>For >10 To 25, Add</i>	821.46	
		<i>For >25 To 50, Add</i>	593.85	
		<i>For >50 To 100, Add</i>	296.92	
		<i>For >500 To 1,000, Deduct</i>	-110.47	
		<i>For >1,000 To 2,000, Deduct</i>	-167.29	
		<i>For >2,000 To 5,000, Deduct</i>	-273.99	
		<i>For >5,000, Deduct</i>	-454.54	
33 01 30 72-0174	LF	25.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,313.38	
		<i>For Vinlyester Resin, Add</i>	1,523.77	
		<i>For Epoxy Resin, Add</i>	179.59	
		<i>For Up To >10, Add</i>	1,498.12	
		<i>For >10 To 25, Add</i>	885.63	
		<i>For >25 To 50, Add</i>	640.22	
		<i>For >50 To 100, Add</i>	320.11	
		<i>For >500 To 1,000, Deduct</i>	-119.08	
		<i>For >1,000 To 2,000, Deduct</i>	-180.33	
		<i>For >2,000 To 5,000, Deduct</i>	-295.36	
		<i>For >5,000, Deduct</i>	-489.99	
33 01 30 72-0175		27mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>		
33 01 30 72-0176	LF	27mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	586.67	
		<i>For Vinlyester Resin, Add</i>	387.56	
		<i>For Epoxy Resin, Add</i>	45.68	
		<i>For Up To >10, Add</i>	375.86	
		<i>For >10 To 25, Add</i>	220.94	
		<i>For >25 To 50, Add</i>	160.25	
		<i>For >50 To 100, Add</i>	80.12	
		<i>For >500 To 1,000, Deduct</i>	-30.16	
		<i>For >1,000 To 2,000, Deduct</i>	-45.65	
		<i>For >2,000 To 5,000, Deduct</i>	-74.69	
		<i>For >5,000, Deduct</i>	-123.94	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0177	LF		27mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	675.01	
			For Vinylster Resin, Add	445.88	
			For Epoxy Resin, Add	52.55	
			For Up To >10, Add	432.61	
			For >10 To 25, Add	254.34	
			For >25 To 50, Add	184.45	
			For >50 To 100, Add	92.23	
			For >500 To 1,000, Deduct	-34.70	
			For >1,000 To 2,000, Deduct	-52.53	
			For >2,000 To 5,000, Deduct	-85.95	
			For >5,000, Deduct	-142.61	
33 01 30 72-0178	LF		27mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	763.37	
			For Vinylster Resin, Add	504.20	
			For Epoxy Resin, Add	59.42	
			For Up To >10, Add	489.39	
			For >10 To 25, Add	287.77	
			For >25 To 50, Add	208.68	
			For >50 To 100, Add	104.34	
			For >500 To 1,000, Deduct	-39.25	
			For >1,000 To 2,000, Deduct	-59.41	
			For >2,000 To 5,000, Deduct	-97.20	
			For >5,000, Deduct	-161.29	
33 01 30 72-0179	LF		27mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	851.57	
			For Vinylster Resin, Add	562.52	
			For Epoxy Resin, Add	66.30	
			For Up To >10, Add	545.71	
			For >10 To 25, Add	320.83	
			For >25 To 50, Add	232.68	
			For >50 To 100, Add	116.34	
			For >500 To 1,000, Deduct	-43.78	
			For >1,000 To 2,000, Deduct	-66.27	
			For >2,000 To 5,000, Deduct	-108.42	
			For >5,000, Deduct	-179.91	
33 01 30 72-0180	LF		27mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,028.12	
			For Vinylster Resin, Add	679.15	
			For Epoxy Resin, Add	80.04	
			For Up To >10, Add	658.81	
			For >10 To 25, Add	387.31	
			For >25 To 50, Add	280.89	
			For >50 To 100, Add	140.45	
			For >500 To 1,000, Deduct	-52.85	
			For >1,000 To 2,000, Deduct	-80.00	
			For >2,000 To 5,000, Deduct	-130.90	
			For >5,000, Deduct	-217.20	
33 01 30 72-0181	LF		27mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,204.81	
			For Vinylster Resin, Add	795.80	
			For Epoxy Resin, Add	93.79	
			For Up To >10, Add	772.31	
			For >10 To 25, Add	454.11	
			For >25 To 50, Add	329.31	
			For >50 To 100, Add	164.66	
			For >500 To 1,000, Deduct	-61.94	
			For >1,000 To 2,000, Deduct	-93.76	
			For >2,000 To 5,000, Deduct	-153.41	
			For >5,000, Deduct	-254.55	
33 01 30 72-0182	LF		27mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,381.37	
			For Vinylster Resin, Add	912.44	
			For Epoxy Resin, Add	107.54	
			For Up To >10, Add	885.41	
			For >10 To 25, Add	520.60	
			For >25 To 50, Add	377.53	
			For >50 To 100, Add	188.77	
			For >500 To 1,000, Deduct	-71.02	
			For >1,000 To 2,000, Deduct	-107.50	
			For >2,000 To 5,000, Deduct	-175.89	
			For >5,000, Deduct	-291.85	
33 01 30 72-0183	LF		27mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,557.92	
			For Vinylster Resin, Add	1,029.07	
			For Epoxy Resin, Add	121.28	
			For Up To >10, Add	998.51	
			For >10 To 25, Add	587.08	
			For >25 To 50, Add	425.75	
			For >50 To 100, Add	212.88	
			For >500 To 1,000, Deduct	-80.09	
			For >1,000 To 2,000, Deduct	-121.24	
			For >2,000 To 5,000, Deduct	-198.37	
			For >5,000, Deduct	-329.15	
33 01 30 72-0184	LF		27mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,734.47	
			For Vinylster Resin, Add	1,145.70	
			For Epoxy Resin, Add	135.03	
			For Up To >10, Add	1,111.61	
			For >10 To 25, Add	653.56	
			For >25 To 50, Add	473.97	
			For >50 To 100, Add	236.98	
			For >500 To 1,000, Deduct	-89.17	
			For >1,000 To 2,000, Deduct	-134.97	
			For >2,000 To 5,000, Deduct	-220.84	
			For >5,000, Deduct	-366.44	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 01 30 72-0185	LF	27mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,916.45	
		For Vinlyester Resin, Add	1,262.35	
		For Epoxy Resin, Add	148.78	
		For Up To >10, Add	1,240.98	
		For >10 To 25, Add	733.59	
		For >25 To 50, Add	530.32	
		For >50 To 100, Add	265.16	
		For >500 To 1,000, Deduct	-98.65	
		For >1,000 To 2,000, Deduct	-149.39	
		For >2,000 To 5,000, Deduct	-244.68	
		For >5,000, Deduct	-405.91	
33 01 30 72-0186	LF	27mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,093.51	
		For Vinlyester Resin, Add	1,378.98	
		For Epoxy Resin, Add	162.52	
		For Up To >10, Add	1,355.61	
		For >10 To 25, Add	801.34	
		For >25 To 50, Add	579.30	
		For >50 To 100, Add	289.65	
		For >500 To 1,000, Deduct	-107.76	
		For >1,000 To 2,000, Deduct	-163.19	
		For >2,000 To 5,000, Deduct	-267.28	
		For >5,000, Deduct	-443.41	
33 01 30 72-0187	LF	27mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,270.58	
		For Vinlyester Resin, Add	1,495.61	
		For Epoxy Resin, Add	176.27	
		For Up To >10, Add	1,470.27	
		For >10 To 25, Add	869.12	
		For >25 To 50, Add	628.30	
		For >50 To 100, Add	314.15	
		For >500 To 1,000, Deduct	-116.88	
		For >1,000 To 2,000, Deduct	-176.99	
		For >2,000 To 5,000, Deduct	-289.89	
		For >5,000, Deduct	-480.91	
33 01 30 72-0188	LF	27mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,447.65	
		For Vinlyester Resin, Add	1,612.25	
		For Epoxy Resin, Add	190.02	
		For Up To >10, Add	1,584.90	
		For >10 To 25, Add	936.88	
		For >25 To 50, Add	677.29	
		For >50 To 100, Add	338.64	
		For >500 To 1,000, Deduct	-125.99	
		For >1,000 To 2,000, Deduct	-190.80	
		For >2,000 To 5,000, Deduct	-312.49	
		For >5,000, Deduct	-518.42	
33 01 30 72-0189		28.5mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>		
33 01 30 72-0190	LF	28.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	710.10	
		For Vinlyester Resin, Add	469.44	
		For Epoxy Resin, Add	55.33	
		For Up To >10, Add	453.73	
		For >10 To 25, Add	266.33	
		For >25 To 50, Add	193.33	
		For >50 To 100, Add	96.67	
		For >500 To 1,000, Deduct	-36.49	
		For >1,000 To 2,000, Deduct	-55.23	
		For >2,000 To 5,000, Deduct	-90.34	
		For >5,000, Deduct	-149.91	
33 01 30 72-0191	LF	28.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	803.31	
		For Vinlyester Resin, Add	531.00	
		For Epoxy Resin, Add	62.58	
		For Up To >10, Add	513.51	
		For >10 To 25, Add	301.49	
		For >25 To 50, Add	218.82	
		For >50 To 100, Add	109.41	
		For >500 To 1,000, Deduct	-41.28	
		For >1,000 To 2,000, Deduct	-62.49	
		For >2,000 To 5,000, Deduct	-102.21	
		For >5,000, Deduct	-169.61	
33 01 30 72-0192	LF	28.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	896.42	
		For Vinlyester Resin, Add	592.56	
		For Epoxy Resin, Add	69.84	
		For Up To >10, Add	572.99	
		For >10 To 25, Add	336.40	
		For >25 To 50, Add	244.17	
		For >50 To 100, Add	122.08	
		For >500 To 1,000, Deduct	-46.07	
		For >1,000 To 2,000, Deduct	-69.73	
		For >2,000 To 5,000, Deduct	-114.06	
		For >5,000, Deduct	-189.27	
33 01 30 72-0193	LF	28.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,134.60	
		For Vinlyester Resin, Add	752.07	
		For Epoxy Resin, Add	88.64	
		For Up To >10, Add	717.85	
		For >10 To 25, Add	419.15	
		For >25 To 50, Add	305.21	
		For >50 To 100, Add	152.60	
		For >500 To 1,000, Deduct	-58.24	
		For >1,000 To 2,000, Deduct	-88.11	
		For >2,000 To 5,000, Deduct	-143.98	
		For >5,000, Deduct	-238.96	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 01 30 72-0194	LF		28.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,268.94	
			For Vinylster Resin, Add	838.79	
			For Epoxy Resin, Add	98.86	
			For Up To >10, Add	811.15	
			For >10 To 25, Add	476.24	
			For >25 To 50, Add	345.66	
			For >50 To 100, Add	172.83	
			For >500 To 1,000, Deduct	-65.21	
			For >1,000 To 2,000, Deduct	-98.70	
			For >2,000 To 5,000, Deduct	-161.46	
			For >5,000, Deduct	-267.92	
33 01 30 72-0195	LF		28.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,455.14	
			For Vinylster Resin, Add	961.91	
			For Epoxy Resin, Add	113.37	
			For Up To >10, Add	930.02	
			For >10 To 25, Add	545.99	
			For >25 To 50, Add	396.30	
			For >50 To 100, Add	198.15	
			For >500 To 1,000, Deduct	-74.78	
			For >1,000 To 2,000, Deduct	-113.18	
			For >2,000 To 5,000, Deduct	-185.14	
			For >5,000, Deduct	-307.22	
33 01 30 72-0196	LF		28.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,641.35	
			For Vinylster Resin, Add	1,085.03	
			For Epoxy Resin, Add	127.88	
			For Up To >10, Add	1,048.95	
			For >10 To 25, Add	615.79	
			For >25 To 50, Add	446.97	
			For >50 To 100, Add	223.49	
			For >500 To 1,000, Deduct	-84.35	
			For >1,000 To 2,000, Deduct	-127.67	
			For >2,000 To 5,000, Deduct	-208.83	
			For >5,000, Deduct	-346.53	
33 01 30 72-0197	LF		28.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,827.54	
			For Vinylster Resin, Add	1,208.14	
			For Epoxy Resin, Add	142.39	
			For Up To >10, Add	1,167.82	
			For >10 To 25, Add	685.53	
			For >25 To 50, Add	497.61	
			For >50 To 100, Add	248.81	
			For >500 To 1,000, Deduct	-93.92	
			For >1,000 To 2,000, Deduct	-142.15	
			For >2,000 To 5,000, Deduct	-232.52	
			For >5,000, Deduct	-385.83	
33 01 30 72-0198	LF		28.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,019.41	
			For Vinylster Resin, Add	1,331.26	
			For Epoxy Resin, Add	156.90	
			For Up To >10, Add	1,303.73	
			For >10 To 25, Add	769.48	
			For >25 To 50, Add	556.78	
			For >50 To 100, Add	278.39	
			For >500 To 1,000, Deduct	-103.91	
			For >1,000 To 2,000, Deduct	-157.34	
			For >2,000 To 5,000, Deduct	-257.62	
			For >5,000, Deduct	-427.40	
33 01 30 72-0199	LF		28.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,206.13	
			For Vinylster Resin, Add	1,454.38	
			For Epoxy Resin, Add	171.41	
			For Up To >10, Add	1,424.19	
			For >10 To 25, Add	840.55	
			For >25 To 50, Add	608.21	
			For >50 To 100, Add	304.11	
			For >500 To 1,000, Deduct	-113.52	
			For >1,000 To 2,000, Deduct	-171.88	
			For >2,000 To 5,000, Deduct	-281.43	
			For >5,000, Deduct	-466.92	
33 01 30 72-0200	LF		28.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,392.97	
			For Vinylster Resin, Add	1,577.49	
			For Epoxy Resin, Add	185.92	
			For Up To >10, Add	1,545.01	
			For >10 To 25, Add	911.92	
			For >25 To 50, Add	659.83	
			For >50 To 100, Add	329.91	
			For >500 To 1,000, Deduct	-123.13	
			For >1,000 To 2,000, Deduct	-186.44	
			For >2,000 To 5,000, Deduct	-305.28	
			For >5,000, Deduct	-506.48	
33 01 30 72-0201	LF		28.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,579.68	
			For Vinylster Resin, Add	1,700.61	
			For Epoxy Resin, Add	200.43	
			For Up To >10, Add	1,665.44	
			For >10 To 25, Add	982.96	
			For >25 To 50, Add	711.25	
			For >50 To 100, Add	355.62	
			For >500 To 1,000, Deduct	-132.74	
			For >1,000 To 2,000, Deduct	-200.99	
			For >2,000 To 5,000, Deduct	-329.09	
			For >5,000, Deduct	-545.98	

33 01 30 72-0202 30mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30	72-0203	LF	30mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	744.99	
			For Vinlyester Resin, Add	492.88	
			For Epoxy Resin, Add	58.09	
			For Up To >10, Add	474.70	
			For >10 To 25, Add	278.23	
			For >25 To 50, Add	202.14	
			For >50 To 100, Add	101.07	
			For >500 To 1,000, Deduct	-38.27	
			For >1,000 To 2,000, Deduct	-57.92	
			For >2,000 To 5,000, Deduct	-94.71	
			For >5,000, Deduct	-157.17	
33 01 30	72-0204	LF	30mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	842.98	
			For Vinlyester Resin, Add	557.68	
			For Epoxy Resin, Add	65.73	
			For Up To >10, Add	537.24	
			For >10 To 25, Add	314.92	
			For >25 To 50, Add	228.79	
			For >50 To 100, Add	114.39	
			For >500 To 1,000, Deduct	-43.31	
			For >1,000 To 2,000, Deduct	-65.54	
			For >2,000 To 5,000, Deduct	-107.18	
			For >5,000, Deduct	-177.86	
33 01 30	72-0205	LF	30mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	940.95	
			For Vinlyester Resin, Add	622.47	
			For Epoxy Resin, Add	73.36	
			For Up To >10, Add	599.75	
			For >10 To 25, Add	351.59	
			For >25 To 50, Add	255.41	
			For >50 To 100, Add	127.71	
			For >500 To 1,000, Deduct	-48.34	
			For >1,000 To 2,000, Deduct	-73.16	
			For >2,000 To 5,000, Deduct	-119.64	
			For >5,000, Deduct	-198.53	
33 01 30	72-0206	LF	30mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,136.80	
			For Vinlyester Resin, Add	752.07	
			For Epoxy Resin, Add	88.64	
			For Up To >10, Add	724.45	
			For >10 To 25, Add	424.65	
			For >25 To 50, Add	308.51	
			For >50 To 100, Add	154.25	
			For >500 To 1,000, Deduct	-58.40	
			For >1,000 To 2,000, Deduct	-88.38	
			For >2,000 To 5,000, Deduct	-144.53	
			For >5,000, Deduct	-239.84	
33 01 30	72-0207	LF	30mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,332.77	
			For Vinlyester Resin, Add	881.66	
			For Epoxy Resin, Add	103.91	
			For Up To >10, Add	849.51	
			For >10 To 25, Add	498.01	
			For >25 To 50, Add	361.78	
			For >50 To 100, Add	180.89	
			For >500 To 1,000, Deduct	-68.47	
			For >1,000 To 2,000, Deduct	-103.62	
			For >2,000 To 5,000, Deduct	-169.45	
			For >5,000, Deduct	-281.20	
33 01 30	72-0208	LF	30mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,528.62	
			For Vinlyester Resin, Add	1,011.26	
			For Epoxy Resin, Add	119.18	
			For Up To >10, Add	974.21	
			For >10 To 25, Add	571.07	
			For >25 To 50, Add	414.87	
			For >50 To 100, Add	207.44	
			For >500 To 1,000, Deduct	-78.53	
			For >1,000 To 2,000, Deduct	-118.84	
			For >2,000 To 5,000, Deduct	-194.35	
			For >5,000, Deduct	-322.52	
33 01 30	72-0209	LF	30mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,724.59	
			For Vinlyester Resin, Add	1,140.86	
			For Epoxy Resin, Add	134.46	
			For Up To >10, Add	1,099.27	
			For >10 To 25, Add	644.43	
			For >25 To 50, Add	468.15	
			For >50 To 100, Add	234.07	
			For >500 To 1,000, Deduct	-88.60	
			For >1,000 To 2,000, Deduct	-134.08	
			For >2,000 To 5,000, Deduct	-219.27	
			For >5,000, Deduct	-363.88	
33 01 30	72-0210	LF	30mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,920.42	
			For Vinlyester Resin, Add	1,270.46	
			For Epoxy Resin, Add	149.73	
			For Up To >10, Add	1,223.91	
			For >10 To 25, Add	717.44	
			For >25 To 50, Add	521.21	
			For >50 To 100, Add	260.60	
			For >500 To 1,000, Deduct	-98.66	
			For >1,000 To 2,000, Deduct	-149.31	
			For >2,000 To 5,000, Deduct	-244.16	
			For >5,000, Deduct	-405.18	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	33 01 30 72-0211	LF		30mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,122.20	
				For Vinylster Resin, Add	1,400.05	
				For Epoxy Resin, Add	165.01	
				For Up To >10, Add	1,366.43	
				For >10 To 25, Add	805.34	
				For >25 To 50, Add	583.21	
				For >50 To 100, Add	291.60	
				For >500 To 1,000, Deduct	-109.16	
				For >1,000 To 2,000, Deduct	-165.27	
				For >2,000 To 5,000, Deduct	-270.54	
				For >5,000, Deduct	-448.87	
	33 01 30 72-0212	LF		30mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,318.55	
				For Vinylster Resin, Add	1,529.65	
				For Epoxy Resin, Add	180.28	
				For Up To >10, Add	1,492.63	
				For >10 To 25, Add	879.65	
				For >25 To 50, Add	637.05	
				For >50 To 100, Add	318.53	
				For >500 To 1,000, Deduct	-119.26	
				For >1,000 To 2,000, Deduct	-180.56	
				For >2,000 To 5,000, Deduct	-295.56	
				For >5,000, Deduct	-490.38	
	33 01 30 72-0213	LF		30mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,515.04	
				For Vinylster Resin, Add	1,659.25	
				For Epoxy Resin, Add	195.55	
				For Up To >10, Add	1,619.25	
				For >10 To 25, Add	954.31	
				For >25 To 50, Add	691.11	
				For >50 To 100, Add	345.55	
				For >500 To 1,000, Deduct	-129.37	
				For >1,000 To 2,000, Deduct	-195.86	
				For >2,000 To 5,000, Deduct	-320.61	
				For >5,000, Deduct	-531.95	
	33 01 30 72-0214	LF		30mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,711.53	
				For Vinylster Resin, Add	1,788.84	
				For Epoxy Resin, Add	210.83	
				For Up To >10, Add	1,745.87	
				For >10 To 25, Add	1,028.97	
				For >25 To 50, Add	745.16	
				For >50 To 100, Add	372.58	
				For >500 To 1,000, Deduct	-139.48	
				For >1,000 To 2,000, Deduct	-211.17	
				For >2,000 To 5,000, Deduct	-345.67	
				For >5,000, Deduct	-573.51	
	33 01 30 72-0215	LF		30mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,907.88	
				For Vinylster Resin, Add	1,918.44	
				For Epoxy Resin, Add	226.10	
				For Up To >10, Add	1,872.07	
				For >10 To 25, Add	1,103.28	
				For >25 To 50, Add	799.00	
				For >50 To 100, Add	399.50	
				For >500 To 1,000, Deduct	-149.58	
				For >1,000 To 2,000, Deduct	-226.45	
				For >2,000 To 5,000, Deduct	-370.69	
				For >5,000, Deduct	-615.03	
	33 01 30 72-0216	LF		30mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,104.37	
				For Vinylster Resin, Add	2,048.03	
				For Epoxy Resin, Add	241.38	
				For Up To >10, Add	1,998.71	
				For >10 To 25, Add	1,177.97	
				For >25 To 50, Add	853.07	
				For >50 To 100, Add	426.53	
				For >500 To 1,000, Deduct	-159.68	
				For >1,000 To 2,000, Deduct	-241.76	
				For >2,000 To 5,000, Deduct	-395.74	
				For >5,000, Deduct	-656.60	
	33 01 30 72-0217			31.5mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>		
	33 01 30 72-0218	LF		31.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	779.70	
				For Vinylster Resin, Add	516.18	
				For Epoxy Resin, Add	60.84	
				For Up To >10, Add	495.60	
				For >10 To 25, Add	290.10	
				For >25 To 50, Add	210.93	
				For >50 To 100, Add	105.47	
				For >500 To 1,000, Deduct	-40.04	
				For >1,000 To 2,000, Deduct	-60.59	
				For >2,000 To 5,000, Deduct	-99.06	
				For >5,000, Deduct	-164.40	
	33 01 30 72-0219	LF		31.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	882.45	
				For Vinylster Resin, Add	584.22	
				For Epoxy Resin, Add	68.85	
				For Up To >10, Add	560.85	
				For >10 To 25, Add	328.28	
				For >25 To 50, Add	238.70	
				For >50 To 100, Add	119.35	
				For >500 To 1,000, Deduct	-45.32	
				For >1,000 To 2,000, Deduct	-68.58	
				For >2,000 To 5,000, Deduct	-112.11	
				For >5,000, Deduct	-186.06	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30	72-0220	LF	31.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	985.18	
			For Vinlyester Resin, Add	652.25	
			For Epoxy Resin, Add	76.87	
			For Up To >10, Add	626.07	
			For >10 To 25, Add	366.42	
			For >25 To 50, Add	266.44	
			For >50 To 100, Add	133.22	
			For >500 To 1,000, Deduct	-50.59	
			For >1,000 To 2,000, Deduct	-76.56	
			For >2,000 To 5,000, Deduct	-125.16	
			For >5,000, Deduct	-207.71	
33 01 30	72-0221	LF	31.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,190.80	
			For Vinlyester Resin, Add	788.33	
			For Epoxy Resin, Add	92.91	
			For Up To >10, Add	756.93	
			For >10 To 25, Add	443.07	
			For >25 To 50, Add	322.15	
			For >50 To 100, Add	161.08	
			For >500 To 1,000, Deduct	-61.16	
			For >1,000 To 2,000, Deduct	-92.54	
			For >2,000 To 5,000, Deduct	-151.30	
			For >5,000, Deduct	-251.08	
33 01 30	72-0222	LF	31.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,396.28	
			For Vinlyester Resin, Add	924.41	
			For Epoxy Resin, Add	108.95	
			For Up To >10, Add	887.37	
			For >10 To 25, Add	519.37	
			For >25 To 50, Add	377.65	
			For >50 To 100, Add	188.83	
			For >500 To 1,000, Deduct	-71.71	
			For >1,000 To 2,000, Deduct	-108.51	
			For >2,000 To 5,000, Deduct	-177.39	
			For >5,000, Deduct	-294.39	
33 01 30	72-0223	LF	31.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,601.90	
			For Vinlyester Resin, Add	1,060.49	
			For Epoxy Resin, Add	124.99	
			For Up To >10, Add	1,018.25	
			For >10 To 25, Add	596.05	
			For >25 To 50, Add	433.38	
			For >50 To 100, Add	216.69	
			For >500 To 1,000, Deduct	-82.27	
			For >1,000 To 2,000, Deduct	-124.49	
			For >2,000 To 5,000, Deduct	-203.53	
			For >5,000, Deduct	-337.76	
33 01 30	72-0224	LF	31.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,807.38	
			For Vinlyester Resin, Add	1,196.56	
			For Epoxy Resin, Add	141.02	
			For Up To >10, Add	1,148.72	
			For >10 To 25, Add	672.37	
			For >25 To 50, Add	488.89	
			For >50 To 100, Add	244.44	
			For >500 To 1,000, Deduct	-92.82	
			For >1,000 To 2,000, Deduct	-140.45	
			For >2,000 To 5,000, Deduct	-229.63	
			For >5,000, Deduct	-381.08	
33 01 30	72-0225	LF	31.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,012.87	
			For Vinlyester Resin, Add	1,332.64	
			For Epoxy Resin, Add	157.06	
			For Up To >10, Add	1,279.19	
			For >10 To 25, Add	748.69	
			For >25 To 50, Add	544.40	
			For >50 To 100, Add	272.20	
			For >500 To 1,000, Deduct	-103.37	
			For >1,000 To 2,000, Deduct	-156.42	
			For >2,000 To 5,000, Deduct	-255.73	
			For >5,000, Deduct	-424.39	
33 01 30	72-0226	LF	31.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,224.54	
			For Vinlyester Resin, Add	1,468.72	
			For Epoxy Resin, Add	173.10	
			For Up To >10, Add	1,428.20	
			For >10 To 25, Add	840.47	
			For >25 To 50, Add	609.19	
			For >50 To 100, Add	304.59	
			For >500 To 1,000, Deduct	-114.39	
			For >1,000 To 2,000, Deduct	-173.16	
			For >2,000 To 5,000, Deduct	-283.37	
			For >5,000, Deduct	-470.18	
33 01 30	72-0227	LF	31.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,446.46	
			For Vinlyester Resin, Add	1,615.75	
			For Epoxy Resin, Add	190.43	
			For Up To >10, Add	1,568.83	
			For >10 To 25, Add	922.66	
			For >25 To 50, Add	669.00	
			For >50 To 100, Add	334.50	
			For >500 To 1,000, Deduct	-125.78	
			For >1,000 To 2,000, Deduct	-190.40	
			For >2,000 To 5,000, Deduct	-311.55	
			For >5,000, Deduct	-516.94	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	33 01 30	72-0228	LF	31.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,636.67	
				For Vinylster Resin, Add	1,740.87	
				For Epoxy Resin, Add	205.17	
				For Up To >10, Add	1,692.64	
				For >10 To 25, Add	996.04	
				For >25 To 50, Add	721.97	
				For >50 To 100, Add	360.99	
				For >500 To 1,000, Deduct	-135.58	
				For >1,000 To 2,000, Deduct	-205.24	
				For >2,000 To 5,000, Deduct	-335.86	
				For >5,000, Deduct	-557.28	
	33 01 30	72-0229	LF	31.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,842.80	
				For Vinylster Resin, Add	1,876.95	
				For Epoxy Resin, Add	221.21	
				For Up To >10, Add	1,825.03	
				For >10 To 25, Add	1,073.96	
				For >25 To 50, Add	778.45	
				For >50 To 100, Add	389.22	
				For >500 To 1,000, Deduct	-146.18	
				For >1,000 To 2,000, Deduct	-221.28	
				For >2,000 To 5,000, Deduct	-362.12	
				For >5,000, Deduct	-600.85	
	33 01 30	72-0230	LF	31.5mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,048.80	
				For Vinylster Resin, Add	2,013.02	
				For Epoxy Resin, Add	237.25	
				For Up To >10, Add	1,957.05	
				For >10 To 25, Add	1,151.59	
				For >25 To 50, Add	834.74	
				For >50 To 100, Add	417.37	
				For >500 To 1,000, Deduct	-156.77	
				For >1,000 To 2,000, Deduct	-237.31	
				For >2,000 To 5,000, Deduct	-388.35	
				For >5,000, Deduct	-644.37	
	33 01 30	72-0231	LF	31.5mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,254.94	
				For Vinylster Resin, Add	2,149.10	
				For Epoxy Resin, Add	253.29	
				For Up To >10, Add	2,089.47	
				For >10 To 25, Add	1,229.54	
				For >25 To 50, Add	891.23	
				For >50 To 100, Add	445.61	
				For >500 To 1,000, Deduct	-167.37	
				For >1,000 To 2,000, Deduct	-253.36	
				For >2,000 To 5,000, Deduct	-414.62	
				For >5,000, Deduct	-687.95	
	33 01 30	72-0232		33mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>		
	33 01 30	72-0233	LF	33mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	814.10	
				For Vinylster Resin, Add	539.36	
				For Epoxy Resin, Add	63.57	
				For Up To >10, Add	516.03	
				For >10 To 25, Add	301.60	
				For >25 To 50, Add	219.49	
				For >50 To 100, Add	109.74	
				For >500 To 1,000, Deduct	-41.79	
				For >1,000 To 2,000, Deduct	-63.24	
				For >2,000 To 5,000, Deduct	-103.36	
				For >5,000, Deduct	-171.54	
	33 01 30	72-0234	LF	33mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	921.72	
				For Vinylster Resin, Add	610.63	
				For Epoxy Resin, Add	71.97	
				For Up To >10, Add	584.34	
				For >10 To 25, Add	341.56	
				For >25 To 50, Add	248.55	
				For >50 To 100, Add	124.28	
				For >500 To 1,000, Deduct	-47.32	
				For >1,000 To 2,000, Deduct	-71.60	
				For >2,000 To 5,000, Deduct	-117.03	
				For >5,000, Deduct	-194.22	
	33 01 30	72-0235	LF	33mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,029.23	
				For Vinylster Resin, Add	681.91	
				For Epoxy Resin, Add	80.37	
				For Up To >10, Add	652.29	
				For >10 To 25, Add	381.22	
				For >25 To 50, Add	277.44	
				For >50 To 100, Add	138.72	
				For >500 To 1,000, Deduct	-52.84	
				For >1,000 To 2,000, Deduct	-79.95	
				For >2,000 To 5,000, Deduct	-130.67	
				For >5,000, Deduct	-216.86	
	33 01 30	72-0236	LF	33mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,244.50	
				For Vinylster Resin, Add	824.47	
				For Epoxy Resin, Add	97.17	
				For Up To >10, Add	788.95	
				For >10 To 25, Add	461.16	
				For >25 To 50, Add	335.58	
				For >50 To 100, Add	167.79	
				For >500 To 1,000, Deduct	-63.89	
				For >1,000 To 2,000, Deduct	-96.67	
				For >2,000 To 5,000, Deduct	-158.01	
				For >5,000, Deduct	-262.24	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30	72-0237	LF	33mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,459.61	
			For Vinlyester Resin, Add	967.02	
			For Epoxy Resin, Add	113.97	
			For Up To >10, Add	925.18	
			For >10 To 25, Add	540.74	
			For >25 To 50, Add	393.52	
			For >50 To 100, Add	196.76	
			For >500 To 1,000, Deduct	-74.93	
			For >1,000 To 2,000, Deduct	-113.38	
			For >2,000 To 5,000, Deduct	-185.31	
			For >5,000, Deduct	-307.55	
33 01 30	72-0238	LF	33mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,674.87	
			For Vinlyester Resin, Add	1,109.58	
			For Epoxy Resin, Add	130.77	
			For Up To >10, Add	1,061.81	
			For >10 To 25, Add	620.66	
			For >25 To 50, Add	451.65	
			For >50 To 100, Add	225.82	
			For >500 To 1,000, Deduct	-85.99	
			For >1,000 To 2,000, Deduct	-130.10	
			For >2,000 To 5,000, Deduct	-212.65	
			For >5,000, Deduct	-352.92	
33 01 30	72-0239	LF	33mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,890.01	
			For Vinlyester Resin, Add	1,252.14	
			For Epoxy Resin, Add	147.57	
			For Up To >10, Add	1,198.11	
			For >10 To 25, Add	700.29	
			For >25 To 50, Add	509.61	
			For >50 To 100, Add	254.81	
			For >500 To 1,000, Deduct	-97.03	
			For >1,000 To 2,000, Deduct	-146.81	
			For >2,000 To 5,000, Deduct	-239.96	
			For >5,000, Deduct	-398.25	
33 01 30	72-0240	LF	33mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,105.13	
			For Vinlyester Resin, Add	1,394.69	
			For Epoxy Resin, Add	164.37	
			For Up To >10, Add	1,334.34	
			For >10 To 25, Add	779.88	
			For >25 To 50, Add	567.55	
			For >50 To 100, Add	283.77	
			For >500 To 1,000, Deduct	-108.07	
			For >1,000 To 2,000, Deduct	-163.52	
			For >2,000 To 5,000, Deduct	-267.27	
			For >5,000, Deduct	-443.57	
33 01 30	72-0241	LF	33mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,326.58	
			For Vinlyester Resin, Add	1,537.25	
			For Epoxy Resin, Add	181.18	
			For Up To >10, Add	1,489.57	
			For >10 To 25, Add	875.29	
			For >25 To 50, Add	634.98	
			For >50 To 100, Add	317.49	
			For >500 To 1,000, Deduct	-119.59	
			For >1,000 To 2,000, Deduct	-181.02	
			For >2,000 To 5,000, Deduct	-296.16	
			For >5,000, Deduct	-491.42	
33 01 30	72-0242	LF	33mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,542.75	
			For Vinlyester Resin, Add	1,679.81	
			For Epoxy Resin, Add	197.98	
			For Up To >10, Add	1,628.93	
			For >10 To 25, Add	957.48	
			For >25 To 50, Add	694.48	
			For >50 To 100, Add	347.24	
			For >500 To 1,000, Deduct	-130.71	
			For >1,000 To 2,000, Deduct	-197.86	
			For >2,000 To 5,000, Deduct	-323.72	
			For >5,000, Deduct	-537.15	
33 01 30	72-0243	LF	33mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,758.01	
			For Vinlyester Resin, Add	1,822.37	
			For Epoxy Resin, Add	214.78	
			For Up To >10, Add	1,765.58	
			For >10 To 25, Add	1,037.42	
			For >25 To 50, Add	752.62	
			For >50 To 100, Add	376.31	
			For >500 To 1,000, Deduct	-141.77	
			For >1,000 To 2,000, Deduct	-214.58	
			For >2,000 To 5,000, Deduct	-351.06	
			For >5,000, Deduct	-582.53	
33 01 30	72-0244	LF	33mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,973.77	
			For Vinlyester Resin, Add	1,964.92	
			For Epoxy Resin, Add	231.58	
			For Up To >10, Add	1,903.74	
			For >10 To 25, Add	1,118.61	
			For >25 To 50, Add	811.52	
			For >50 To 100, Add	405.76	
			For >500 To 1,000, Deduct	-152.86	
			For >1,000 To 2,000, Deduct	-231.37	
			For >2,000 To 5,000, Deduct	-378.53	
			For >5,000, Deduct	-628.10	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	33 01 30 72-0245	LF		33mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,189.54	
				For Vinylster Resin, Add	2,107.48	
				For Epoxy Resin, Add	248.38	
				For Up To >10, Add	2,041.92	
				For >10 To 25, Add	1,199.82	
				For >25 To 50, Add	870.43	
				For >50 To 100, Add	435.21	
				For >500 To 1,000, Deduct	-163.95	
				For >1,000 To 2,000, Deduct	-248.16	
				For >2,000 To 5,000, Deduct	-406.00	
				For >5,000, Deduct	-673.68	
	33 01 30 72-0246	LF		33mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,405.32	
				For Vinylster Resin, Add	2,250.03	
				For Epoxy Resin, Add	265.18	
				For Up To >10, Add	2,180.14	
				For >10 To 25, Add	1,281.06	
				For >25 To 50, Add	929.35	
				For >50 To 100, Add	464.68	
				For >500 To 1,000, Deduct	-175.04	
				For >1,000 To 2,000, Deduct	-264.95	
				For >2,000 To 5,000, Deduct	-433.47	
				For >5,000, Deduct	-719.26	
	33 01 30 72-0247			34.5mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)		
	33 01 30 72-0248	LF		34.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	960.44	
				For Vinylster Resin, Add	636.92	
				For Epoxy Resin, Add	75.07	
				For Up To >10, Add	606.60	
				For >10 To 25, Add	353.85	
				For >25 To 50, Add	257.80	
				For >50 To 100, Add	128.90	
				For >500 To 1,000, Deduct	-49.29	
				For >1,000 To 2,000, Deduct	-74.56	
				For >2,000 To 5,000, Deduct	-121.82	
				For >5,000, Deduct	-202.20	
	33 01 30 72-0249	LF		34.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,072.82	
				For Vinylster Resin, Add	711.44	
				For Epoxy Resin, Add	83.85	
				For Up To >10, Add	677.61	
				For >10 To 25, Add	395.29	
				For >25 To 50, Add	287.99	
				For >50 To 100, Add	143.99	
				For >500 To 1,000, Deduct	-55.05	
				For >1,000 To 2,000, Deduct	-83.29	
				For >2,000 To 5,000, Deduct	-136.08	
				For >5,000, Deduct	-225.86	
	33 01 30 72-0250	LF		34.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,297.60	
				For Vinylster Resin, Add	860.48	
				For Epoxy Resin, Add	101.41	
				For Up To >10, Add	819.65	
				For >10 To 25, Add	478.17	
				For >25 To 50, Add	348.36	
				For >50 To 100, Add	174.18	
				For >500 To 1,000, Deduct	-66.59	
				For >1,000 To 2,000, Deduct	-100.74	
				For >2,000 To 5,000, Deduct	-164.60	
				For >5,000, Deduct	-273.19	
	33 01 30 72-0251	LF		34.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,522.24	
				For Vinylster Resin, Add	1,009.51	
				For Epoxy Resin, Add	118.98	
				For Up To >10, Add	961.32	
				For >10 To 25, Add	560.74	
				For >25 To 50, Add	408.55	
				For >50 To 100, Add	204.28	
				For >500 To 1,000, Deduct	-78.11	
				For >1,000 To 2,000, Deduct	-118.17	
				For >2,000 To 5,000, Deduct	-193.08	
				For >5,000, Deduct	-320.46	
	33 01 30 72-0252	LF		34.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,747.01	
				For Vinylster Resin, Add	1,158.55	
				For Epoxy Resin, Add	136.54	
				For Up To >10, Add	1,103.36	
				For >10 To 25, Add	643.62	
				For >25 To 50, Add	468.92	
				For >50 To 100, Add	234.46	
				For >500 To 1,000, Deduct	-89.65	
				For >1,000 To 2,000, Deduct	-135.62	
				For >2,000 To 5,000, Deduct	-221.59	
				For >5,000, Deduct	-367.79	
	33 01 30 72-0253	LF		34.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,971.66	
				For Vinylster Resin, Add	1,307.59	
				For Epoxy Resin, Add	154.11	
				For Up To >10, Add	1,245.03	
				For >10 To 25, Add	726.20	
				For >25 To 50, Add	529.12	
				For >50 To 100, Add	264.56	
				For >500 To 1,000, Deduct	-101.18	
				For >1,000 To 2,000, Deduct	-153.06	
				For >2,000 To 5,000, Deduct	-250.08	
				For >5,000, Deduct	-415.07	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 01 30 72-0254	LF	34.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,196.43	
		For Vinlyester Resin, Add	1,456.62	
		For Epoxy Resin, Add	171.67	
		For Up To >10, Add	1,387.07	
		For >10 To 25, Add	809.07	
		For >25 To 50, Add	589.49	
		For >50 To 100, Add	294.74	
		For >500 To 1,000, Deduct	-112.71	
		For >1,000 To 2,000, Deduct	-170.51	
		For >2,000 To 5,000, Deduct	-278.59	
		For >5,000, Deduct	-462.39	
33 01 30 72-0255	LF	34.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,427.52	
		For Vinlyester Resin, Add	1,605.66	
		For Epoxy Resin, Add	189.24	
		For Up To >10, Add	1,548.06	
		For >10 To 25, Add	907.75	
		For >25 To 50, Add	659.34	
		For >50 To 100, Add	329.67	
		For >500 To 1,000, Deduct	-124.72	
		For >1,000 To 2,000, Deduct	-188.75	
		For >2,000 To 5,000, Deduct	-308.69	
		For >5,000, Deduct	-512.25	
33 01 30 72-0256	LF	34.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,653.06	
		For Vinlyester Resin, Add	1,754.69	
		For Epoxy Resin, Add	206.80	
		For Up To >10, Add	1,692.43	
		For >10 To 25, Add	992.58	
		For >25 To 50, Add	720.88	
		For >50 To 100, Add	360.44	
		For >500 To 1,000, Deduct	-136.31	
		For >1,000 To 2,000, Deduct	-206.30	
		For >2,000 To 5,000, Deduct	-337.39	
		For >5,000, Deduct	-559.88	
33 01 30 72-0257	LF	34.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,876.05	
		For Vinlyester Resin, Add	1,903.73	
		For Epoxy Resin, Add	224.37	
		For Up To >10, Add	1,829.10	
		For >10 To 25, Add	1,070.98	
		For >25 To 50, Add	778.57	
		For >50 To 100, Add	389.28	
		For >500 To 1,000, Deduct	-147.71	
		For >1,000 To 2,000, Deduct	-223.53	
		For >2,000 To 5,000, Deduct	-365.46	
		For >5,000, Deduct	-606.50	
33 01 30 72-0258	LF	34.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,103.52	
		For Vinlyester Resin, Add	2,052.76	
		For Epoxy Resin, Add	241.93	
		For Up To >10, Add	1,979.26	
		For >10 To 25, Add	1,160.63	
		For >25 To 50, Add	843.00	
		For >50 To 100, Add	421.50	
		For >500 To 1,000, Deduct	-159.45	
		For >1,000 To 2,000, Deduct	-241.31	
		For >2,000 To 5,000, Deduct	-394.65	
		For >5,000, Deduct	-654.90	
33 01 30 72-0259	LF	34.5mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,328.81	
		For Vinlyester Resin, Add	2,201.80	
		For Epoxy Resin, Add	259.50	
		For Up To >10, Add	2,122.86	
		For >10 To 25, Add	1,244.81	
		For >25 To 50, Add	904.16	
		For >50 To 100, Add	452.08	
		For >500 To 1,000, Deduct	-171.03	
		For >1,000 To 2,000, Deduct	-258.83	
		For >2,000 To 5,000, Deduct	-423.30	
		For >5,000, Deduct	-702.44	
33 01 30 72-0260	LF	34.5mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,554.10	
		For Vinlyester Resin, Add	2,350.84	
		For Epoxy Resin, Add	277.06	
		For Up To >10, Add	2,266.45	
		For >10 To 25, Add	1,328.99	
		For >25 To 50, Add	965.31	
		For >50 To 100, Add	482.65	
		For >500 To 1,000, Deduct	-182.60	
		For >1,000 To 2,000, Deduct	-276.35	
		For >2,000 To 5,000, Deduct	-451.94	
		For >5,000, Deduct	-749.97	
33 01 30 72-0261		36mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>		
33 01 30 72-0262	LF	36mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	998.98	
		For Vinlyester Resin, Add	663.09	
		For Epoxy Resin, Add	78.15	
		For Up To >10, Add	628.77	
		For >10 To 25, Add	366.09	
		For >25 To 50, Add	267.02	
		For >50 To 100, Add	133.51	
		For >500 To 1,000, Deduct	-51.24	
		For >1,000 To 2,000, Deduct	-77.51	
		For >2,000 To 5,000, Deduct	-126.60	
		For >5,000, Deduct	-210.14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0263	LF		36mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,116.13	
			For Vinylster Resin, Add	740.85	
			For Epoxy Resin, Add	87.31	
			For Up To >10, Add	702.52	
			For >10 To 25, Add	409.04	
			For >25 To 50, Add	298.34	
			For >50 To 100, Add	149.17	
			For >500 To 1,000, Deduct	-57.25	
			For >1,000 To 2,000, Deduct	-86.60	
			For >2,000 To 5,000, Deduct	-141.45	
			For >5,000, Deduct	-234.78	
33 01 30 72-0264	LF		36mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,350.41	
			For Vinylster Resin, Add	896.36	
			For Epoxy Resin, Add	105.64	
			For Up To >10, Add	849.93	
			For >10 To 25, Add	494.86	
			For >25 To 50, Add	360.94	
			For >50 To 100, Add	180.47	
			For >500 To 1,000, Deduct	-69.27	
			For >1,000 To 2,000, Deduct	-104.78	
			For >2,000 To 5,000, Deduct	-171.13	
			For >5,000, Deduct	-284.06	
33 01 30 72-0265	LF		36mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,584.69	
			For Vinylster Resin, Add	1,051.88	
			For Epoxy Resin, Add	123.97	
			For Up To >10, Add	997.37	
			For >10 To 25, Add	580.70	
			For >25 To 50, Add	423.55	
			For >50 To 100, Add	211.78	
			For >500 To 1,000, Deduct	-81.28	
			For >1,000 To 2,000, Deduct	-122.95	
			For >2,000 To 5,000, Deduct	-200.82	
			For >5,000, Deduct	-333.34	
33 01 30 72-0266	LF		36mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,818.86	
			For Vinylster Resin, Add	1,207.40	
			For Epoxy Resin, Add	142.30	
			For Up To >10, Add	1,144.46	
			For >10 To 25, Add	666.24	
			For >25 To 50, Add	485.99	
			For >50 To 100, Add	242.99	
			For >500 To 1,000, Deduct	-93.29	
			For >1,000 To 2,000, Deduct	-141.12	
			For >2,000 To 5,000, Deduct	-230.48	
			For >5,000, Deduct	-382.57	
33 01 30 72-0267	LF		36mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,053.14	
			For Vinylster Resin, Add	1,362.91	
			For Epoxy Resin, Add	160.63	
			For Up To >10, Add	1,291.90	
			For >10 To 25, Add	752.08	
			For >25 To 50, Add	548.60	
			For >50 To 100, Add	274.30	
			For >500 To 1,000, Deduct	-105.31	
			For >1,000 To 2,000, Deduct	-159.29	
			For >2,000 To 5,000, Deduct	-260.17	
			For >5,000, Deduct	-431.85	
33 01 30 72-0268	LF		36mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,287.43	
			For Vinylster Resin, Add	1,518.43	
			For Epoxy Resin, Add	178.96	
			For Up To >10, Add	1,439.34	
			For >10 To 25, Add	837.92	
			For >25 To 50, Add	611.21	
			For >50 To 100, Add	305.61	
			For >500 To 1,000, Deduct	-117.33	
			For >1,000 To 2,000, Deduct	-177.47	
			For >2,000 To 5,000, Deduct	-289.86	
			For >5,000, Deduct	-481.14	
33 01 30 72-0269	LF		36mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,528.29	
			For Vinylster Resin, Add	1,673.94	
			For Epoxy Resin, Add	197.29	
			For Up To >10, Add	1,606.52	
			For >10 To 25, Add	940.21	
			For >25 To 50, Add	683.69	
			For >50 To 100, Add	341.85	
			For >500 To 1,000, Deduct	-129.84	
			For >1,000 To 2,000, Deduct	-196.47	
			For >2,000 To 5,000, Deduct	-321.20	
			For >5,000, Deduct	-533.05	
33 01 30 72-0270	LF		36mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,763.23	
			For Vinylster Resin, Add	1,829.46	
			For Epoxy Resin, Add	215.61	
			For Up To >10, Add	1,755.92	
			For >10 To 25, Add	1,027.68	
			For >25 To 50, Add	747.28	
			For >50 To 100, Add	373.64	
			For >500 To 1,000, Deduct	-141.90	
			For >1,000 To 2,000, Deduct	-214.73	
			For >2,000 To 5,000, Deduct	-351.05	
			For >5,000, Deduct	-582.59	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 01 30 72-0271	LF 36mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,993.77
	For Vinlyester Resin, Add	1,984.97
	For Epoxy Resin, Add	233.94
	For Up To >10, Add	1,892.14
	For >10 To 25, Add	1,104.17
	For >25 To 50, Add	804.28
	For >50 To 100, Add	402.14
	For >500 To 1,000, Deduct	-153.64
	For >1,000 To 2,000, Deduct	-232.44
	For >2,000 To 5,000, Deduct	-379.81
	For >5,000, Deduct	-630.37
33 01 30 72-0272	LF 36mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,232.96
	For Vinlyester Resin, Add	2,140.49
	For Epoxy Resin, Add	252.27
	For Up To >10, Add	2,054.28
	For >10 To 25, Add	1,202.26
	For >25 To 50, Add	874.25
	For >50 To 100, Add	437.12
	For >500 To 1,000, Deduct	-166.03
	For >1,000 To 2,000, Deduct	-251.23
	For >2,000 To 5,000, Deduct	-410.72
	For >5,000, Deduct	-681.62
33 01 30 72-0273	LF 36mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,467.89
	For Vinlyester Resin, Add	2,296.00
	For Epoxy Resin, Add	270.60
	For Up To >10, Add	2,203.67
	For >10 To 25, Add	1,289.73
	For >25 To 50, Add	937.84
	For >50 To 100, Add	468.92
	For >500 To 1,000, Deduct	-178.09
	For >1,000 To 2,000, Deduct	-269.49
	For >2,000 To 5,000, Deduct	-440.57
	For >5,000, Deduct	-731.16
33 01 30 72-0274	LF 36mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,702.83
	For Vinlyester Resin, Add	2,451.52
	For Epoxy Resin, Add	288.93
	For Up To >10, Add	2,353.07
	For >10 To 25, Add	1,377.19
	For >25 To 50, Add	1,001.42
	For >50 To 100, Add	500.71
	For >500 To 1,000, Deduct	-190.16
	For >1,000 To 2,000, Deduct	-287.75
	For >2,000 To 5,000, Deduct	-470.43
	For >5,000, Deduct	-780.70
33 01 30 72-0275	LF 36mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,937.63
	For Vinlyester Resin, Add	2,607.04
	For Epoxy Resin, Add	307.26
	For Up To >10, Add	2,502.04
	For >10 To 25, Add	1,464.31
	For >25 To 50, Add	1,064.80
	For >50 To 100, Add	532.40
	For >500 To 1,000, Deduct	-202.21
	For >1,000 To 2,000, Deduct	-305.99
	For >2,000 To 5,000, Deduct	-500.24
	For >5,000, Deduct	-830.18
33 01 30 72-0276	LF 36mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,172.56
	For Vinlyester Resin, Add	2,762.55
	For Epoxy Resin, Add	325.59
	For Up To >10, Add	2,651.43
	For >10 To 25, Add	1,551.78
	For >25 To 50, Add	1,128.39
	For >50 To 100, Add	564.20
	For >500 To 1,000, Deduct	-214.28
	For >1,000 To 2,000, Deduct	-324.25
	For >2,000 To 5,000, Deduct	-530.10
	For >5,000, Deduct	-879.72

33 01 30 72-0277 37.5mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)

33 01 30 72-0278	LF 37.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,159.10
	For Vinlyester Resin, Add	770.12
	For Epoxy Resin, Add	90.76
	For Up To >10, Add	726.88
	For >10 To 25, Add	422.37
	For >25 To 50, Add	308.43
	For >50 To 100, Add	154.21
	For >500 To 1,000, Deduct	-59.43
	For >1,000 To 2,000, Deduct	-89.88
	For >2,000 To 5,000, Deduct	-146.75
	For >5,000, Deduct	-243.61
33 01 30 72-0279	LF 37.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,402.91
	For Vinlyester Resin, Add	932.11
	For Epoxy Resin, Add	109.86
	For Up To >10, Add	879.76
	For >10 To 25, Add	511.20
	For >25 To 50, Add	373.30
	For >50 To 100, Add	186.65
	For >500 To 1,000, Deduct	-71.93
	For >1,000 To 2,000, Deduct	-108.78
	For >2,000 To 5,000, Deduct	-177.62
	For >5,000, Deduct	-294.85

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0280	LF		37.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,646.70	
			For Vinlyester Resin, Add	1,094.11	
			For Epoxy Resin, Add	128.95	
			For Up To >10, Add	1,032.58	
			For >10 To 25, Add	599.98	
			For >25 To 50, Add	438.14	
			For >50 To 100, Add	219.07	
			For >500 To 1,000, Deduct	-84.43	
			For >1,000 To 2,000, Deduct	-127.69	
			For >2,000 To 5,000, Deduct	-208.48	
			For >5,000, Deduct	-346.08	
33 01 30 72-0281	LF		37.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,890.51	
			For Vinlyester Resin, Add	1,256.11	
			For Epoxy Resin, Add	148.04	
			For Up To >10, Add	1,185.43	
			For >10 To 25, Add	688.79	
			For >25 To 50, Add	502.99	
			For >50 To 100, Add	251.50	
			For >500 To 1,000, Deduct	-96.93	
			For >1,000 To 2,000, Deduct	-146.59	
			For >2,000 To 5,000, Deduct	-239.35	
			For >5,000, Deduct	-397.32	
33 01 30 72-0282	LF		37.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,134.32	
			For Vinlyester Resin, Add	1,418.10	
			For Epoxy Resin, Add	167.13	
			For Up To >10, Add	1,338.31	
			For >10 To 25, Add	777.62	
			For >25 To 50, Add	567.86	
			For >50 To 100, Add	283.93	
			For >500 To 1,000, Deduct	-109.43	
			For >1,000 To 2,000, Deduct	-165.50	
			For >2,000 To 5,000, Deduct	-270.22	
			For >5,000, Deduct	-448.56	
33 01 30 72-0283	LF		37.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,378.11	
			For Vinlyester Resin, Add	1,580.10	
			For Epoxy Resin, Add	186.23	
			For Up To >10, Add	1,491.13	
			For >10 To 25, Add	866.40	
			For >25 To 50, Add	632.70	
			For >50 To 100, Add	316.35	
			For >500 To 1,000, Deduct	-121.93	
			For >1,000 To 2,000, Deduct	-184.40	
			For >2,000 To 5,000, Deduct	-301.08	
			For >5,000, Deduct	-499.79	
33 01 30 72-0284	LF		37.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,628.62	
			For Vinlyester Resin, Add	1,742.09	
			For Epoxy Resin, Add	205.32	
			For Up To >10, Add	1,664.11	
			For >10 To 25, Add	971.98	
			For >25 To 50, Add	707.62	
			For >50 To 100, Add	353.81	
			For >500 To 1,000, Deduct	-134.93	
			For >1,000 To 2,000, Deduct	-204.14	
			For >2,000 To 5,000, Deduct	-333.62	
			For >5,000, Deduct	-553.71	
33 01 30 72-0285	LF		37.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,873.07	
			For Vinlyester Resin, Add	1,904.08	
			For Epoxy Resin, Add	224.41	
			For Up To >10, Add	1,818.91	
			For >10 To 25, Add	1,062.41	
			For >25 To 50, Add	773.45	
			For >50 To 100, Add	386.72	
			For >500 To 1,000, Deduct	-147.48	
			For >1,000 To 2,000, Deduct	-223.13	
			For >2,000 To 5,000, Deduct	-364.65	
			For >5,000, Deduct	-605.20	
33 01 30 72-0286	LF		37.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,115.33	
			For Vinlyester Resin, Add	2,066.09	
			For Epoxy Resin, Add	243.50	
			For Up To >10, Add	1,967.12	
			For >10 To 25, Add	1,147.34	
			For >25 To 50, Add	835.98	
			For >50 To 100, Add	417.99	
			For >500 To 1,000, Deduct	-159.86	
			For >1,000 To 2,000, Deduct	-241.84	
			For >2,000 To 5,000, Deduct	-395.13	
			For >5,000, Deduct	-655.82	
33 01 30 72-0287	LF		37.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,361.96	
			For Vinlyester Resin, Add	2,228.08	
			For Epoxy Resin, Add	262.60	
			For Up To >10, Add	2,128.46	
			For >10 To 25, Add	1,243.22	
			For >25 To 50, Add	905.08	
			For >50 To 100, Add	452.54	
			For >500 To 1,000, Deduct	-172.57	
			For >1,000 To 2,000, Deduct	-261.10	
			For >2,000 To 5,000, Deduct	-426.70	
			For >5,000, Deduct	-708.19	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 01 30 72-0288	LF 37.5mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,606.41	
	For Vinlyester Resin, Add	2,390.07	
	For Epoxy Resin, Add	281.69	
	For Up To >10, Add	2,283.26	
	For >10 To 25, Add	1,333.65	
	For >25 To 50, Add	970.91	
	For >50 To 100, Add	485.45	
	For >500 To 1,000, Deduct	-185.12	
	For >1,000 To 2,000, Deduct	-280.08	
	For >2,000 To 5,000, Deduct	-457.73	
	For >5,000, Deduct	-759.69	
33 01 30 72-0289	LF 37.5mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,850.73	
	For Vinlyester Resin, Add	2,552.07	
	For Epoxy Resin, Add	300.78	
	For Up To >10, Add	2,437.64	
	For >10 To 25, Add	1,423.73	
	For >25 To 50, Add	1,036.53	
	For >50 To 100, Add	518.26	
	For >500 To 1,000, Deduct	-197.66	
	For >1,000 To 2,000, Deduct	-299.05	
	For >2,000 To 5,000, Deduct	-488.73	
	For >5,000, Deduct	-811.13	
33 01 30 72-0290	LF 37.5mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,095.18	
	For Vinlyester Resin, Add	2,714.07	
	For Epoxy Resin, Add	319.87	
	For Up To >10, Add	2,592.44	
	For >10 To 25, Add	1,514.16	
	For >25 To 50, Add	1,102.36	
	For >50 To 100, Add	551.18	
	For >500 To 1,000, Deduct	-210.21	
	For >1,000 To 2,000, Deduct	-318.04	
	For >2,000 To 5,000, Deduct	-519.75	
	For >5,000, Deduct	-862.62	
33 01 30 72-0291	LF 37.5mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,339.63	
	For Vinlyester Resin, Add	2,876.06	
	For Epoxy Resin, Add	338.96	
	For Up To >10, Add	2,747.24	
	For >10 To 25, Add	1,604.59	
	For >25 To 50, Add	1,168.19	
	For >50 To 100, Add	584.09	
	For >500 To 1,000, Deduct	-222.76	
	For >1,000 To 2,000, Deduct	-337.02	
	For >2,000 To 5,000, Deduct	-550.78	
	For >5,000, Deduct	-914.12	
33 01 30 72-0292	39mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>		
33 01 30 72-0293	LF 39mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,455.21	
	For Vinlyester Resin, Add	967.74	
	For Epoxy Resin, Add	114.05	
	For Up To >10, Add	909.43	
	For >10 To 25, Add	527.45	
	For >25 To 50, Add	385.59	
	For >50 To 100, Add	192.80	
	For >500 To 1,000, Deduct	-74.58	
	For >1,000 To 2,000, Deduct	-112.78	
	For >2,000 To 5,000, Deduct	-184.08	
	For >5,000, Deduct	-305.59	
33 01 30 72-0294	LF 39mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,708.53	
	For Vinlyester Resin, Add	1,136.21	
	For Epoxy Resin, Add	133.91	
	For Up To >10, Add	1,067.69	
	For >10 To 25, Add	619.22	
	For >25 To 50, Add	452.69	
	For >50 To 100, Add	226.34	
	For >500 To 1,000, Deduct	-87.56	
	For >1,000 To 2,000, Deduct	-132.41	
	For >2,000 To 5,000, Deduct	-216.12	
	For >5,000, Deduct	-358.78	
33 01 30 72-0295	LF 39mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,961.86	
	For Vinlyester Resin, Add	1,304.70	
	For Epoxy Resin, Add	153.77	
	For Up To >10, Add	1,225.96	
	For >10 To 25, Add	710.99	
	For >25 To 50, Add	519.79	
	For >50 To 100, Add	259.89	
	For >500 To 1,000, Deduct	-100.54	
	For >1,000 To 2,000, Deduct	-152.04	
	For >2,000 To 5,000, Deduct	-248.16	
	For >5,000, Deduct	-411.97	
33 01 30 72-0296	LF 39mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,215.17	
	For Vinlyester Resin, Add	1,473.16	
	For Epoxy Resin, Add	173.62	
	For Up To >10, Add	1,384.21	
	For >10 To 25, Add	802.76	
	For >25 To 50, Add	586.88	
	For >50 To 100, Add	293.44	
	For >500 To 1,000, Deduct	-113.52	
	For >1,000 To 2,000, Deduct	-171.67	
	For >2,000 To 5,000, Deduct	-280.20	
	For >5,000, Deduct	-465.16	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0297	LF		39mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,468.61	
			For Vinylster Resin, Add	1,641.64	
			For Epoxy Resin, Add	193.48	
			For Up To >10, Add	1,542.83	
			For >10 To 25, Add	894.83	
			For >25 To 50, Add	654.16	
			For >50 To 100, Add	327.08	
			For >500 To 1,000, Deduct	-126.52	
			For >1,000 To 2,000, Deduct	-191.32	
			For >2,000 To 5,000, Deduct	-312.28	
			For >5,000, Deduct	-518.40	
33 01 30 72-0298	LF		39mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,728.63	
			For Vinylster Resin, Add	1,810.12	
			For Epoxy Resin, Add	213.34	
			For Up To >10, Add	1,721.19	
			For >10 To 25, Add	1,003.35	
			For >25 To 50, Add	731.30	
			For >50 To 100, Add	365.65	
			For >500 To 1,000, Deduct	-140.00	
			For >1,000 To 2,000, Deduct	-211.78	
			For >2,000 To 5,000, Deduct	-345.99	
			For >5,000, Deduct	-574.28	
33 01 30 72-0299	LF		39mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,982.60	
			For Vinylster Resin, Add	1,978.59	
			For Epoxy Resin, Add	233.19	
			For Up To >10, Add	1,881.40	
			For >10 To 25, Add	1,096.74	
			For >25 To 50, Add	799.37	
			For >50 To 100, Add	399.69	
			For >500 To 1,000, Deduct	-153.03	
			For >1,000 To 2,000, Deduct	-231.50	
			For >2,000 To 5,000, Deduct	-378.20	
			For >5,000, Deduct	-627.73	
33 01 30 72-0300	LF		39mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,236.56	
			For Vinylster Resin, Add	2,147.07	
			For Epoxy Resin, Add	253.05	
			For Up To >10, Add	2,041.58	
			For >10 To 25, Add	1,190.11	
			For >25 To 50, Add	867.43	
			For >50 To 100, Add	433.71	
			For >500 To 1,000, Deduct	-166.06	
			For >1,000 To 2,000, Deduct	-251.21	
			For >2,000 To 5,000, Deduct	-410.40	
			For >5,000, Deduct	-681.18	
33 01 30 72-0301	LF		39mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,490.66	
			For Vinylster Resin, Add	2,315.54	
			For Epoxy Resin, Add	272.90	
			For Up To >10, Add	2,202.18	
			For >10 To 25, Add	1,283.83	
			For >25 To 50, Add	935.69	
			For >50 To 100, Add	467.85	
			For >500 To 1,000, Deduct	-179.10	
			For >1,000 To 2,000, Deduct	-270.94	
			For >2,000 To 5,000, Deduct	-442.64	
			For >5,000, Deduct	-734.68	
33 01 30 72-0302	LF		39mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,744.61	
			For Vinylster Resin, Add	2,484.02	
			For Epoxy Resin, Add	292.76	
			For Up To >10, Add	2,362.33	
			For >10 To 25, Add	1,377.18	
			For >25 To 50, Add	1,003.74	
			For >50 To 100, Add	501.87	
			For >500 To 1,000, Deduct	-192.13	
			For >1,000 To 2,000, Deduct	-290.65	
			For >2,000 To 5,000, Deduct	-474.83	
			For >5,000, Deduct	-788.12	
33 01 30 72-0303	LF		39mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,998.58	
			For Vinylster Resin, Add	2,652.50	
			For Epoxy Resin, Add	312.62	
			For Up To >10, Add	2,522.54	
			For >10 To 25, Add	1,470.57	
			For >25 To 50, Add	1,071.81	
			For >50 To 100, Add	535.90	
			For >500 To 1,000, Deduct	-205.16	
			For >1,000 To 2,000, Deduct	-310.36	
			For >2,000 To 5,000, Deduct	-507.04	
			For >5,000, Deduct	-841.58	
33 01 30 72-0304	LF		39mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,252.55	
			For Vinylster Resin, Add	2,820.97	
			For Epoxy Resin, Add	332.47	
			For Up To >10, Add	2,682.75	
			For >10 To 25, Add	1,563.97	
			For >25 To 50, Add	1,139.88	
			For >50 To 100, Add	569.94	
			For >500 To 1,000, Deduct	-218.19	
			For >1,000 To 2,000, Deduct	-330.07	
			For >2,000 To 5,000, Deduct	-539.24	
			For >5,000, Deduct	-895.03	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 01 30 72-0305	LF 39mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,506.50
	For Vinlyester Resin, Add	2,989.45
	For Epoxy Resin, Add	352.33
	For Up To >10, Add	2,842.90
	For >10 To 25, Add	1,657.31
	For >25 To 50, Add	1,207.92
	For >50 To 100, Add	603.96
	For >500 To 1,000, Deduct	-231.22
	For >1,000 To 2,000, Deduct	-349.78
	For >2,000 To 5,000, Deduct	-571.44
	For >5,000, Deduct	-948.47
33 01 30 72-0306	LF 39mm Lining 114" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,760.47
	For Vinlyester Resin, Add	3,157.92
	For Epoxy Resin, Add	372.18
	For Up To >10, Add	3,003.11
	For >10 To 25, Add	1,750.71
	For >25 To 50, Add	1,275.99
	For >50 To 100, Add	637.99
	For >500 To 1,000, Deduct	-244.25
	For >1,000 To 2,000, Deduct	-369.49
	For >2,000 To 5,000, Deduct	-603.65
	For >5,000, Deduct	-1,001.92
33 01 30 72-0307	LF 39mm Lining 120" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	5,014.42
	For Vinlyester Resin, Add	3,326.40
	For Epoxy Resin, Add	392.04
	For Up To >10, Add	3,163.26
	For >10 To 25, Add	1,844.05
	For >25 To 50, Add	1,344.03
	For >50 To 100, Add	672.02
	For >500 To 1,000, Deduct	-257.28
	For >1,000 To 2,000, Deduct	-389.20
	For >2,000 To 5,000, Deduct	-635.85
	For >5,000, Deduct	-1,055.37

33 01 30 72-0308 40.5mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)

33 01 30 72-0309	LF 40.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,770.06
	For Vinlyester Resin, Add	1,178.20
	For Epoxy Resin, Add	138.86
	For Up To >10, Add	1,102.33
	For >10 To 25, Add	638.09
	For >25 To 50, Add	467.01
	For >50 To 100, Add	233.50
	For >500 To 1,000, Deduct	-90.68
	For >1,000 To 2,000, Deduct	-137.10
	For >2,000 To 5,000, Deduct	-223.71
	For >5,000, Deduct	-371.40
33 01 30 72-0310	LF 40.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,032.88
	For Vinlyester Resin, Add	1,353.15
	For Epoxy Resin, Add	159.48
	For Up To >10, Add	1,265.97
	For >10 To 25, Add	732.79
	For >25 To 50, Add	536.33
	For >50 To 100, Add	268.16
	For >500 To 1,000, Deduct	-104.14
	For >1,000 To 2,000, Deduct	-157.46
	For >2,000 To 5,000, Deduct	-256.92
	For >5,000, Deduct	-426.54
33 01 30 72-0311	LF 40.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,295.72
	For Vinlyester Resin, Add	1,528.11
	For Epoxy Resin, Add	180.10
	For Up To >10, Add	1,429.64
	For >10 To 25, Add	827.53
	For >25 To 50, Add	605.67
	For >50 To 100, Add	302.83
	For >500 To 1,000, Deduct	-117.60
	For >1,000 To 2,000, Deduct	-177.81
	For >2,000 To 5,000, Deduct	-290.14
	For >5,000, Deduct	-481.69
33 01 30 72-0312	LF 40.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,558.55
	For Vinlyester Resin, Add	1,703.06
	For Epoxy Resin, Add	200.72
	For Up To >10, Add	1,593.30
	For >10 To 25, Add	922.26
	For >25 To 50, Add	675.00
	For >50 To 100, Add	337.50
	For >500 To 1,000, Deduct	-131.07
	For >1,000 To 2,000, Deduct	-198.17
	For >2,000 To 5,000, Deduct	-323.36
	For >5,000, Deduct	-536.83
33 01 30 72-0313	LF 40.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,828.34
	For Vinlyester Resin, Add	1,878.02
	For Epoxy Resin, Add	221.34
	For Up To >10, Add	1,777.82
	For >10 To 25, Add	1,034.37
	For >25 To 50, Add	754.77
	For >50 To 100, Add	377.38
	For >500 To 1,000, Deduct	-145.05
	For >1,000 To 2,000, Deduct	-219.40
	For >2,000 To 5,000, Deduct	-358.31
	For >5,000, Deduct	-594.76

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0314	LF		40.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,091.82	
			For Vinylster Resin, Add	2,052.97	
			For Epoxy Resin, Add	241.96	
			For Up To >10, Add	1,943.41	
			For >10 To 25, Add	1,130.71	
			For >25 To 50, Add	825.06	
			For >50 To 100, Add	412.53	
			For >500 To 1,000, Deduct	-158.57	
			For >1,000 To 2,000, Deduct	-239.84	
			For >2,000 To 5,000, Deduct	-391.69	
			For >5,000, Deduct	-650.16	
33 01 30 72-0315	LF		40.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,355.29	
			For Vinylster Resin, Add	2,227.93	
			For Epoxy Resin, Add	262.58	
			For Up To >10, Add	2,109.00	
			For >10 To 25, Add	1,227.04	
			For >25 To 50, Add	895.36	
			For >50 To 100, Add	447.68	
			For >500 To 1,000, Deduct	-172.08	
			For >1,000 To 2,000, Deduct	-260.27	
			For >2,000 To 5,000, Deduct	-425.07	
			For >5,000, Deduct	-705.57	
33 01 30 72-0316	LF		40.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,618.77	
			For Vinylster Resin, Add	2,402.88	
			For Epoxy Resin, Add	283.20	
			For Up To >10, Add	2,274.59	
			For >10 To 25, Add	1,323.37	
			For >25 To 50, Add	965.66	
			For >50 To 100, Add	482.83	
			For >500 To 1,000, Deduct	-185.59	
			For >1,000 To 2,000, Deduct	-280.71	
			For >2,000 To 5,000, Deduct	-458.44	
			For >5,000, Deduct	-760.97	
33 01 30 72-0317	LF		40.5mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,882.25	
			For Vinylster Resin, Add	2,577.83	
			For Epoxy Resin, Add	303.82	
			For Up To >10, Add	2,440.20	
			For >10 To 25, Add	1,419.73	
			For >25 To 50, Add	1,035.97	
			For >50 To 100, Add	517.98	
			For >500 To 1,000, Deduct	-199.10	
			For >1,000 To 2,000, Deduct	-301.15	
			For >2,000 To 5,000, Deduct	-491.82	
			For >5,000, Deduct	-816.38	
33 01 30 72-0318	LF		40.5mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,145.73	
			For Vinylster Resin, Add	2,752.79	
			For Epoxy Resin, Add	324.44	
			For Up To >10, Add	2,605.79	
			For >10 To 25, Add	1,516.07	
			For >25 To 50, Add	1,106.27	
			For >50 To 100, Add	553.13	
			For >500 To 1,000, Deduct	-212.62	
			For >1,000 To 2,000, Deduct	-321.59	
			For >2,000 To 5,000, Deduct	-525.20	
			For >5,000, Deduct	-871.78	
33 01 30 72-0319	LF		40.5mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,409.21	
			For Vinylster Resin, Add	2,927.75	
			For Epoxy Resin, Add	345.06	
			For Up To >10, Add	2,771.38	
			For >10 To 25, Add	1,612.40	
			For >25 To 50, Add	1,176.57	
			For >50 To 100, Add	588.28	
			For >500 To 1,000, Deduct	-226.13	
			For >1,000 To 2,000, Deduct	-342.03	
			For >2,000 To 5,000, Deduct	-558.58	
			For >5,000, Deduct	-927.18	
33 01 30 72-0320	LF		40.5mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,672.68	
			For Vinylster Resin, Add	3,102.70	
			For Epoxy Resin, Add	365.68	
			For Up To >10, Add	2,936.97	
			For >10 To 25, Add	1,708.73	
			For >25 To 50, Add	1,246.86	
			For >50 To 100, Add	623.43	
			For >500 To 1,000, Deduct	-239.64	
			For >1,000 To 2,000, Deduct	-362.46	
			For >2,000 To 5,000, Deduct	-591.95	
			For >5,000, Deduct	-982.59	
33 01 30 72-0321	LF		40.5mm Lining 114" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,936.16	
			For Vinylster Resin, Add	3,277.66	
			For Epoxy Resin, Add	386.30	
			For Up To >10, Add	3,102.56	
			For >10 To 25, Add	1,805.07	
			For >25 To 50, Add	1,317.16	
			For >50 To 100, Add	658.58	
			For >500 To 1,000, Deduct	-253.15	
			For >1,000 To 2,000, Deduct	-382.90	
			For >2,000 To 5,000, Deduct	-625.33	
			For >5,000, Deduct	-1,037.99	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 01 30 72-0322	LF	40.5mm Lining 120" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	5,199.64
		For Vinlyester Resin, Add	3,452.62
		For Epoxy Resin, Add	406.92
		For Up To >10, Add	3,268.15
		For >10 To 25, Add	1,901.40
		For >25 To 50, Add	1,387.46
		For >50 To 100, Add	693.73
		For >500 To 1,000, Deduct	-266.67
		For >1,000 To 2,000, Deduct	-403.34
		For >2,000 To 5,000, Deduct	-658.71
		For >5,000, Deduct	-1,093.39
33 01 30 72-0323		42mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>	
33 01 30 72-0324	LF	42mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,103.60
		For Vinlyester Resin, Add	1,401.48
		For Epoxy Resin, Add	165.17
		For Up To >10, Add	1,305.53
		For >10 To 25, Add	754.25
		For >25 To 50, Add	552.66
		For >50 To 100, Add	276.33
		For >500 To 1,000, Deduct	-107.72
		For >1,000 To 2,000, Deduct	-162.84
		For >2,000 To 5,000, Deduct	-265.63
		For >5,000, Deduct	-441.02
33 01 30 72-0325	LF	42mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,375.95
		For Vinlyester Resin, Add	1,582.92
		For Epoxy Resin, Add	186.56
		For Up To >10, Add	1,474.58
		For >10 To 25, Add	851.93
		For >25 To 50, Add	624.22
		For >50 To 100, Add	312.11
		For >500 To 1,000, Deduct	-121.66
		For >1,000 To 2,000, Deduct	-183.93
		For >2,000 To 5,000, Deduct	-300.02
		For >5,000, Deduct	-498.12
33 01 30 72-0326	LF	42mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,648.30
		For Vinlyester Resin, Add	1,764.35
		For Epoxy Resin, Add	207.94
		For Up To >10, Add	1,643.65
		For >10 To 25, Add	949.63
		For >25 To 50, Add	695.80
		For >50 To 100, Add	347.90
		For >500 To 1,000, Deduct	-135.61
		For >1,000 To 2,000, Deduct	-205.01
		For >2,000 To 5,000, Deduct	-334.41
		For >5,000, Deduct	-555.22
33 01 30 72-0327	LF	42mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,927.73
		For Vinlyester Resin, Add	1,945.78
		For Epoxy Resin, Add	229.32
		For Up To >10, Add	1,833.97
		For >10 To 25, Add	1,065.02
		For >25 To 50, Add	778.00
		For >50 To 100, Add	389.00
		For >500 To 1,000, Deduct	-150.09
		For >1,000 To 2,000, Deduct	-226.98
		For >2,000 To 5,000, Deduct	-370.57
		For >5,000, Deduct	-615.15
33 01 30 72-0328	LF	42mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,200.74
		For Vinlyester Resin, Add	2,127.22
		For Epoxy Resin, Add	250.71
		For Up To >10, Add	2,005.00
		For >10 To 25, Add	1,164.35
		For >25 To 50, Add	850.55
		For >50 To 100, Add	425.28
		For >500 To 1,000, Deduct	-164.08
		For >1,000 To 2,000, Deduct	-248.15
		For >2,000 To 5,000, Deduct	-405.13
		For >5,000, Deduct	-672.52
33 01 30 72-0329	LF	42mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,473.72
		For Vinlyester Resin, Add	2,308.66
		For Epoxy Resin, Add	272.09
		For Up To >10, Add	2,175.96
		For >10 To 25, Add	1,263.62
		For >25 To 50, Add	923.08
		For >50 To 100, Add	461.54
		For >500 To 1,000, Deduct	-178.08
		For >1,000 To 2,000, Deduct	-269.31
		For >2,000 To 5,000, Deduct	-439.68
		For >5,000, Deduct	-729.87
33 01 30 72-0330	LF	42mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,746.71
		For Vinlyester Resin, Add	2,490.09
		For Epoxy Resin, Add	293.47
		For Up To >10, Add	2,346.96
		For >10 To 25, Add	1,362.92
		For >25 To 50, Add	995.61
		For >50 To 100, Add	497.81
		For >500 To 1,000, Deduct	-192.07
		For >1,000 To 2,000, Deduct	-290.48
		For >2,000 To 5,000, Deduct	-474.23
		For >5,000, Deduct	-787.23

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 01 30 72-0331	LF		42mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,019.71	
			For Vinylster Resin, Add	2,671.53	
			For Epoxy Resin, Add	314.86	
			For Up To >10, Add	2,517.96	
			For >10 To 25, Add	1,462.22	
			For >25 To 50, Add	1,068.15	
			For >50 To 100, Add	534.08	
			For >500 To 1,000, Deduct	-206.07	
			For >1,000 To 2,000, Deduct	-311.64	
			For >2,000 To 5,000, Deduct	-508.79	
			For >5,000, Deduct	-844.59	
33 01 30 72-0332	LF		42mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,292.69	
			For Vinylster Resin, Add	2,852.96	
			For Epoxy Resin, Add	336.24	
			For Up To >10, Add	2,688.92	
			For >10 To 25, Add	1,561.49	
			For >25 To 50, Add	1,140.68	
			For >50 To 100, Add	570.34	
			For >500 To 1,000, Deduct	-220.06	
			For >1,000 To 2,000, Deduct	-332.80	
			For >2,000 To 5,000, Deduct	-543.34	
			For >5,000, Deduct	-901.94	
33 01 30 72-0333	LF		42mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,565.69	
			For Vinylster Resin, Add	3,034.40	
			For Epoxy Resin, Add	357.63	
			For Up To >10, Add	2,859.95	
			For >10 To 25, Add	1,660.81	
			For >25 To 50, Add	1,213.23	
			For >50 To 100, Add	606.62	
			For >500 To 1,000, Deduct	-234.06	
			For >1,000 To 2,000, Deduct	-353.97	
			For >2,000 To 5,000, Deduct	-577.89	
			For >5,000, Deduct	-959.31	
33 01 30 72-0334	LF		42mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,838.68	
			For Vinylster Resin, Add	3,215.84	
			For Epoxy Resin, Add	379.01	
			For Up To >10, Add	3,030.92	
			For >10 To 25, Add	1,760.09	
			For >25 To 50, Add	1,285.76	
			For >50 To 100, Add	642.88	
			For >500 To 1,000, Deduct	-248.05	
			For >1,000 To 2,000, Deduct	-375.13	
			For >2,000 To 5,000, Deduct	-612.44	
			For >5,000, Deduct	-1,016.66	
33 01 30 72-0335	LF		42mm Lining 114" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	5,111.67	
			For Vinylster Resin, Add	3,397.27	
			For Epoxy Resin, Add	400.39	
			For Up To >10, Add	3,201.91	
			For >10 To 25, Add	1,859.39	
			For >25 To 50, Add	1,358.29	
			For >50 To 100, Add	679.15	
			For >500 To 1,000, Deduct	-262.04	
			For >1,000 To 2,000, Deduct	-396.30	
			For >2,000 To 5,000, Deduct	-647.00	
			For >5,000, Deduct	-1,074.02	
33 01 30 72-0336	LF		42mm Lining 120" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	5,384.66	
			For Vinylster Resin, Add	3,578.70	
			For Epoxy Resin, Add	421.78	
			For Up To >10, Add	3,372.91	
			For >10 To 25, Add	1,958.68	
			For >25 To 50, Add	1,430.83	
			For >50 To 100, Add	715.42	
			For >500 To 1,000, Deduct	-276.04	
			For >1,000 To 2,000, Deduct	-417.46	
			For >2,000 To 5,000, Deduct	-681.55	
			For >5,000, Deduct	-1,131.38	

33 01 30 74 Cured-in-Place Lateral Lining (33 01 30)

33 01 30 74-0001 Laterals; Cutting, Grouting And Reinstatement (33 01 30 74)

33 01 30 74-0002 Lateral Reinstatement/Reconnection (33 01 30 74-0001)

33 01 30 74-0003	EA	Cut Liner For Laterals, Up To 4" (Robotic).....	530.89
33 01 30 74-0004	EA	Cut Liner For Laterals, 6" (Robotic).....	573.94
33 01 30 74-0005	EA	Cut Liner For Laterals, 8" (Robotic).....	609.81
33 01 30 74-0006	EA	Cut Liner For Laterals, 10" (Robotic).....	645.68
33 01 30 74-0007	EA	Cut Liner For Laterals, 12" (Robotic).....	681.56

33 01 30 74-0008 Grout Lateral Service (33 01 30 74-0001)

33 01 30 74-0009 Grout Lateral Service - Bladder (33 01 30 74-0008)

33 01 30 74-0010	EA	Grout Up To 4" Lateral Service - Bladder.....	566.22
33 01 30 74-0011	EA	Grout 6" Lateral Service - Bladder.....	650.03
33 01 30 74-0012	EA	Grout 8" Lateral Service - Bladder.....	733.83

33 01 30 74-0013 Grout Lateral Service - Robotic Trowel Application (33 01 30 74-0008)

33 01 30 74-0014	EA	Grout 3" To 6" Lateral Service - Robotic Trowel Application.....	616.82
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33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 01 30 74-0015	EA	Grout 8" To 12" Lateral Service - Robotic Trowel Application.....	667.40
33 01 30 74-0016		Lateral T-Liner <small>(33 01 30 74-0001)</small>	
		Note: As manufactured by LMK.	
33 01 30 74-0017	EA	Up To 4" Lateral T-Liner	755.83
33 01 30 74-0018	EA	6" Lateral T-Liner	847.86
33 01 30 74-0019	EA	8" Lateral T-Liner	986.05
33 01 30 74-0020		Lining Lateral Pipe <small>(33 01 30 74-0001)</small>	
33 01 30 74-0021		Lining Lateral Pipe <small>(33 01 30 74-0020)</small>	
33 01 30 74-0022	LF	6mm Lining 3" Lateral Pipe With Cured In-Place Pipe (CIPP)	37.37
		For 7.5mm, Add	4.05
		For 9 mm, Add	8.00
33 01 30 74-0023	LF	6mm Lining 4" Lateral Pipe With Cured In-Place Pipe (CIPP)	44.50
		For 7.5mm, Add	5.51
		For 9 mm, Add	10.90
33 01 30 74-0024	LF	6mm Lining 6" Lateral Pipe With Cured In-Place Pipe (CIPP)	57.81
		For 7.5mm, Add	8.44
		For 9 mm, Add	16.69
33 01 30 74-0025		Lining Manhole Drop <small>(33 01 30 74-0020)</small>	
33 01 30 74-0026	EA	Manhole Drop Section Lining.....	824.21
33 01 30 79		Fold-and-Form Pipe Lining <small>(33 01 30)</small>	
33 01 30 79-0001		Form and Fold Relining Underground Pipelines <small>(33 01 30 79)</small>	
		Note: Excludes CCTV inspection and sewer cleaning. See CSI section 33 01 30 11-0000 for CCTV inspection, 33 01 30 41-0002 for sewer cleaning.	
33 01 30 79-0002		Fold-And-Form Relining Underground Pipelines Set-Up And Reinsertion <small>(33 01 30 79-0001)</small>	
33 01 30 79-0003	EA	Initial Set Up And Final Equipment Removal For Fold-And-Form Relining Underground Pipelines.....	5,158.31
33 01 30 79-0004	EA	Move And Reset Up At Different Access/Location For Fold-And-Form Relining Underground Pipelines	2,063.33
33 01 30 79-0005		Form And Fold Polyethylene (PE) Pipeliner <small>(33 01 30 79-0001)</small>	
33 01 30 79-0006	LF	4" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	55.71
		For DR 26 Pipe Liner, Add	11.17
		For Up To 75, Add	25.51
		For >75 To 150, Add	12.75
		For >500 To 1,000, Deduct	-0.83
		For >1,000 To 2,000, Deduct	-1.66
		For >2,000, Deduct	-3.32
33 01 30 79-0007	LF	6" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	72.57
		For DR 26 Pipe Liner, Add	15.17
		For DR 35 Pipe Liner, Deduct	-7.58
		For Up To 75, Add	29.98
		For >75 To 150, Add	14.99
		For >500 To 1,000, Deduct	-0.89
		For >1,000 To 2,000, Deduct	-1.79
		For >2,000, Deduct	-3.57
33 01 30 79-0008	LF	8" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	74.69
		For DR 26 Pipe Liner, Add	15.45
		For DR 35 Pipe Liner, Deduct	-7.73
		For Up To 75, Add	31.70
		For >75 To 150, Add	15.85
		For >500 To 1,000, Deduct	-0.97
		For >1,000 To 2,000, Deduct	-1.93
		For >2,000, Deduct	-3.87
33 01 30 79-0009	LF	10" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	106.76
		For DR 26 Pipe Liner, Add	23.17
		For DR 35 Pipe Liner, Deduct	-11.59
		For DR 41 Pipe Liner, Deduct	-23.17
		For Up To 75, Add	39.64
		For >75 To 150, Add	19.82
		For >500 To 1,000, Deduct	-1.06
		For >1,000 To 2,000, Deduct	-2.11
		For >2,000, Deduct	-4.22
33 01 30 79-0010	LF	12" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	151.14
		For DR 26 Pipe Liner, Add	33.92
		For DR 35 Pipe Liner, Deduct	-16.96
		For DR 41 Pipe Liner, Deduct	-33.92
		For Up To 75, Add	50.34
		For >75 To 150, Add	25.17
		For >500 To 1,000, Deduct	-1.16
		For >1,000 To 2,000, Deduct	-2.32
		For >2,000, Deduct	-4.64
33 01 30 79-0011	LF	15" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	208.59
		For DR 35 Pipe Liner, Deduct	-23.88
		For DR 41 Pipe Liner, Deduct	-47.75
		For Up To 75, Add	64.57
		For >75 To 150, Add	32.29
		For >500 To 1,000, Deduct	-1.32
		For >1,000 To 2,000, Deduct	-2.64
		For >2,000, Deduct	-5.27

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	33 01 30	79-0012	LF	18" Diameter Form and Fold Polyethylene Pipeliner, DR 35	296.80	
				For DR 41 Pipe Liner, Deduct	-27.70	
				For DR 50 Pipe Liner, Deduct	-55.39	
				For Up To 75, Add	85.15	
				For >75 To 150, Add	42.58	
				For >500 To 1,000, Deduct	-1.49	
				For >1,000 To 2,000, Deduct	-2.98	
				For >2,000, Deduct	-5.95	
	33 01 30	79-0013	LF	21" Diameter Form and Fold Polyethylene Pipeliner, DR 47	336.10	
				For DR 50 Pipe Liner, Deduct	-47.19	
				For DR 55 Pipe Liner, Deduct	-78.65	
				For Up To 75, Add	95.17	
				For >75 To 150, Add	47.59	
				For >500 To 1,000, Deduct	-1.61	
				For >1,000 To 2,000, Deduct	-3.23	
				For >2,000, Deduct	-6.45	
	33 01 30	79-0014	LF	24" Diameter Form and Fold Polyethylene Pipeliner, DR 55	411.07	
				For DR 60 Pipe Liner, Deduct	-58.14	
				For Up To 75, Add	112.69	
				For >75 To 150, Add	56.34	
				For >500 To 1,000, Deduct	-1.76	
				For >1,000 To 2,000, Deduct	-3.52	
				For >2,000, Deduct	-7.03	
33 01 30 79-0015 Form And Fold Polyvinyl Chloride (PVC) Pipeliner <small>(33 01 30 79-0001)</small>						
	33 01 30	79-0016	LF	4" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5.....	59.92	
				For Up To 75, Add	26.35	
				For >75 To 150, Add	13.17	
				For >500 To 1,000, Deduct	-0.83	
				For >1,000 To 2,000, Deduct	-1.66	
				For >2,000, Deduct	-3.32	
				For DR 26 Pipe Liner, Add	12.22	
	33 01 30	79-0017	LF	6" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5.....	72.57	
				For Up To 75, Add	29.98	
				For >75 To 150, Add	14.99	
				For >500 To 1,000, Deduct	-0.89	
				For >1,000 To 2,000, Deduct	-1.79	
				For >2,000, Deduct	-3.57	
				For DR 26 Pipe Liner, Add	15.17	
				For DR 35 Pipe Liner, Deduct	-7.58	
	33 01 30	79-0018	LF	8" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5.....	80.30	
				For Up To 75, Add	32.82	
				For >75 To 150, Add	16.41	
				For >500 To 1,000, Deduct	-0.97	
				For >1,000 To 2,000, Deduct	-1.93	
				For >2,000, Deduct	-3.87	
				For DR 26 Pipe Liner, Add	16.85	
				For DR 35 Pipe Liner, Deduct	-8.43	
	33 01 30	79-0019	LF	10" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5.....	115.19	
				For Up To 75, Add	41.33	
				For >75 To 150, Add	20.66	
				For >500 To 1,000, Deduct	-1.06	
				For >1,000 To 2,000, Deduct	-2.11	
				For >2,000, Deduct	-4.22	
				For DR 26 Pipe Liner, Add	25.28	
				For DR 35 Pipe Liner, Deduct	-12.64	
				For DR 41 Pipe Liner, Deduct	-25.28	
	33 01 30	79-0020	LF	12" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5.....	163.78	
				For Up To 75, Add	52.87	
				For >75 To 150, Add	26.43	
				For >500 To 1,000, Deduct	-1.16	
				For >1,000 To 2,000, Deduct	-2.32	
				For >2,000, Deduct	-4.64	
				For DR 26 Pipe Liner, Add	37.08	
				For DR 35 Pipe Liner, Deduct	-18.54	
				For DR 41 Pipe Liner, Deduct	-37.08	
	33 01 30	79-0021	LF	15" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5.....	226.56	
				For Up To 75, Add	68.17	
				For >75 To 150, Add	34.08	
				For >500 To 1,000, Deduct	-1.32	
				For >1,000 To 2,000, Deduct	-2.64	
				For >2,000, Deduct	-5.27	
				For DR 35 Pipe Liner, Deduct	-26.12	
				For DR 41 Pipe Liner, Deduct	-52.25	
	33 01 30	79-0022	LF	18" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 35.....	323.20	
				For Up To 75, Add	90.43	
				For >75 To 150, Add	45.22	
				For >500 To 1,000, Deduct	-1.49	
				For >1,000 To 2,000, Deduct	-2.98	
				For >2,000, Deduct	-5.95	
				For DR 41 Pipe Liner, Deduct	-30.34	
				For DR 50 Pipe Liner, Deduct	-60.67	
	33 01 30	79-0023	LF	21" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 47.....	365.31	
				For Up To 75, Add	101.01	
				For >75 To 150, Add	50.51	
				For >500 To 1,000, Deduct	-1.61	
				For >1,000 To 2,000, Deduct	-3.23	
				For >2,000, Deduct	-6.45	
				For DR 50 Pipe Liner, Deduct	-51.57	
				For DR 55 Pipe Liner, Deduct	-85.95	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**
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 TOTAL DIRECT DEMOLITION
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33 01 30 79-0024	LF	24" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 55.....	448.15	
		<i>For Up To 75, Add</i>	120.10	
		<i>For >75 To 150, Add</i>	60.05	
		<i>For >500 To 1,000, Deduct</i>	-1.76	
		<i>For >1,000 To 2,000, Deduct</i>	-3.52	
		<i>For >2,000, Deduct</i>	-7.03	
		<i>For DR 60 Pipe Liner, Deduct</i>	-63.71	

33 01 30 81 Manhole Rehabilitation (33 01 30)**33 01 30 81-0001 Restoration And Rehabilitation Of Manholes (33 01 30 81)**

Note: Work is in confined spaces.

33 01 30 81-0002 Inspection And Ventilation System Set-up (33 01 30 81-0001)

33 01 30 81-0003	EA	Inspect Manhole	174.54	
33 01 30 81-0004	EA	36" to 60" Diameter, Up To 2600', Installation And Maintenance Of Ventilation System	14,222.64	
		Note: For internal inspection and repair of water mains.		
33 01 30 81-0005	EA	>60" to 108" Diameter, Up To 2600', Installation And Maintenance Of Ventilation System	20,169.82	
		Note: For internal inspection and repair of water mains		

33 01 30 81-0006 Manhole Seals (33 01 30 81-0001)**33 01 30 81-0007 Internal Manhole Chimney Seals (33 01 30 81-0006)**

Note: Cretex.

33 01 30 81-0008	EA	20" Internal Manhole Chimney Seal.....	544.03	
33 01 30 81-0009	EA	22" Internal Manhole Chimney Seal.....	573.44	
33 01 30 81-0010	EA	24" Internal Manhole Chimney Seal.....	588.14	
33 01 30 81-0011	EA	26" Internal Manhole Chimney Seal.....	676.36	
33 01 30 81-0012	EA	28" Internal Manhole Chimney Seal.....	764.58	
33 01 30 81-0013	EA	30" Internal Manhole Chimney Seal.....	852.80	
33 01 30 81-0014	EA	36" Internal Manhole Chimney Seal.....	1,029.25	

33 01 30 81-0015 External Manhole Encapsulation (33 01 30 81-0006)

Note: Wrapidseal.

33 01 30 81-0016	EA	24" External Manhole Encapsulation	794.00	
33 01 30 81-0017	EA	30" External Manhole Encapsulation	838.10	
33 01 30 81-0018	EA	36" External Manhole Encapsulation	896.92	
33 01 30 81-0019	EA	42" External Manhole Encapsulation	970.43	
33 01 30 81-0020	EA	48" External Manhole Encapsulation	1,073.35	
33 01 30 81-0021	EA	54" External Manhole Encapsulation	1,190.99	
33 01 30 81-0022	EA	60" External Manhole Encapsulation	1,338.02	

33 01 30 81-0023 Manhole Crack Repair (33 01 30 81-0001)

Note: Includes removing loose materials and cleaning.

33 01 30 81-0024	LF	Up To 1/4" Wide, Epoxy Grout Injection, Manhole Crack Repair.....	53.19	
33 01 30 81-0025	LF	>1/4" To 1/2" Wide, Epoxy Grout Injection, Manhole Crack Repair	71.66	
33 01 30 81-0026	LF	Up To 1/4" Wide, Urethane Grout Injection, Manhole Crack Repair	49.94	
33 01 30 81-0027	LF	>1/4" To 1/2" Wide, Urethane Grout Injection, Manhole Crack Repair	67.80	

33 01 30 81-0028 Manhole Patching (33 01 30 81-0001)

Note: Includes removing loose materials and cleaning.

33 01 30 81-0029	SF	Up To 1/4" Thick, Cementitious Grout, Manhole Patching.....	16.78	
33 01 30 81-0030	SF	Up To 1/4" Thick, Epoxy Grout, Manhole Patching.....	39.64	

33 01 30 81-0031 Manhole Joint Restoration (33 01 30 81-0001)

Note: Includes drilling holes at joints, fill joints with grout.

33 01 30 81-0032	EA	3' Diameter Joint Restoration, Grout Fill Per Each Manhole.....	2,307.76	
		Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
		<i>For Grouting Each Additional Manhole Joint Section, Add</i>	226.65	
33 01 30 81-0033	EA	3-1/2' Diameter Joint Restoration, Grout Fill Per Each Manhole.....	2,694.03	
		Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
		<i>For Grouting Each Additional Manhole Joint Section, Add</i>	251.93	
33 01 30 81-0034	EA	4' Diameter Joint Restoration, Grout Fill Per Each Manhole.....	3,077.01	
		Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
		<i>For Grouting Each Additional Manhole Joint Section, Add</i>	277.20	
33 01 30 81-0035	EA	5' Diameter Joint Restoration, Grout Fill Per Each Manhole.....	3,658.35	
		Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
		<i>For Grouting Each Additional Manhole Joint Section, Add</i>	289.84	
33 01 30 81-0036	EA	6' Diameter Joint Restoration, Grout Fill Per Each Manhole.....	4,238.04	
		Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
		<i>For Grouting Each Additional Manhole Joint Section, Add</i>	302.48	

33 01 30 81-0037 Step Installation In Existing Manholes (33 01 30 81-0001)

Note: Including drilling in existing concrete manhole, step and grout. Demolition cost includes removal of old step and patching holes.

33 01 30 81-0038	EA	Drill And Grout 8" x 9" Cast Iron Manhole Steps.....	163.61	21.04
33 01 30 81-0039	EA	Drill And Grout Galvanized Steel Manhole Step.....	116.56	21.04
33 01 30 81-0040	EA	Bolt On Galvanized Steel Manhole Step.....	131.11	21.04
33 01 30 81-0041	EA	Drill And Grout Aluminum Manhole Step.....	144.39	21.04
33 01 30 81-0042	EA	Drill And Insert Polypropylene Manhole Step.....	66.35	16.83

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 01 30 81-0043	Invert Restoration <small>(33 01 30 81-0001)</small>		
	Note: Includes removal of existing defective material and installation of new material.		
33 01 30 81-0044	Concrete Invert Restoration <small>(33 01 30 81-0043)</small>		
33 01 30 81-0045	EA 2' Diameter, Concrete Invert Restoration.....	355.16	
33 01 30 81-0046	EA 3' Diameter, Concrete Invert Restoration.....	398.80	
33 01 30 81-0047	EA 4' Diameter, Concrete Invert Restoration.....	442.43	
33 01 30 81-0048	EA 5' Diameter, Concrete Invert Restoration.....	486.07	
33 01 30 81-0049	EA 6' Diameter, Concrete Invert Restoration.....	616.97	
33 01 30 81-0050	SF Square Or Rectangular, Concrete Invert Restoration.....	35.18	

33 01 30 81-0051	Brick Invert Restoration <small>(33 01 30 81-0043)</small>		
33 01 30 81-0052	EA 2' Diameter, Brick Invert Restoration.....	550.10	
33 01 30 81-0053	EA 3' Diameter, Brick Invert Restoration.....	593.74	
33 01 30 81-0054	EA 4' Diameter, Brick Invert Restoration.....	637.37	
33 01 30 81-0055	EA 5' Diameter, Brick Invert Restoration.....	681.01	
33 01 30 81-0056	EA 6' Diameter, Brick Invert Restoration.....	724.64	
33 01 30 81-0057	SF Square Or Rectangular, Brick Invert Restoration.....	49.09	

33 01 30 81-0058	Repair In-Kind Of Drainage Structures <small>(33 01 30 81)</small>		
	Note: For brick, concrete or concrete block catch basins, inlets, manholes, and other drainage structures. Includes replacing bricks or concrete blocks, concrete repair, sealing and repairing joints, excavation, backfilling, pavement removal, restoration of pavement and all tasks to perform interior and/or exterior repair in-kind. Sizes are inside dimensions. For other sizes, use closest size.		
33 01 30 81-0059	VLF 2' Diameter, Repair In-Kind Drainage Structure.....	797.30	
33 01 30 81-0060	VLF 3' Diameter, Repair In-Kind Drainage Structure.....	1,195.96	
33 01 30 81-0061	VLF 4' Diameter, Repair In-Kind Drainage Structure.....	1,594.72	
33 01 30 81-0062	VLF 5' Diameter, Repair In-Kind Drainage Structure.....	1,993.26	
33 01 30 81-0063	VLF 6' Diameter, Repair In-Kind Drainage Structure.....	2,391.92	
33 01 30 81-0064	VLF 2' x 2', Repair In-Kind Drainage Structure.....	1,015.68	
33 01 30 81-0065	VLF 2' x 3', Repair In-Kind Drainage Structure.....	1,269.60	
33 01 30 81-0066	VLF 2' x 4', Repair In-Kind Drainage Structure.....	1,523.52	
33 01 30 81-0067	VLF 3' x 4', Repair In-Kind Drainage Structure.....	1,777.44	
33 01 30 81-0068	VLF 4' x 4', Repair In-Kind Drainage Structure.....	2,031.35	
33 01 30 81-0069	VLF 4' x 5', Repair In-Kind Drainage Structure.....	2,285.27	
33 01 30 81-0070	VLF 4' x 6', Repair In-Kind Drainage Structure.....	2,539.19	
33 01 30 81-0071	VLF 4' x 8', Repair In-Kind Drainage Structure.....	3,047.03	
33 01 30 81-0072	VLF >32 GSF, Repair In-Kind Drainage Structure.....	3,554.87	

33 01 30 82 Epoxy Lining for Concrete Manholes (33 01 30)

33 01 30 82-0001	Epoxy Manhole Restoration, Interior <small>(33 01 30 82)</small>		
33 01 30 82-0002	VLF 60 Mil Epoxy Restoration Of 3' Diameter Manhole Interior.....	343.44	
	For 80 Mil Material, Add	41.02	
	For 100 Mil Material, Add	82.05	
	For 125 Mil Material, Add	127.99	
	For 150 Mil Material, Add	173.94	
	For 200 Mil Material, Add	251.62	
	For 2 To 5 Manholes, Deduct	-24.28	
	For 6 To 10 Manholes, Deduct	-39.98	
	For >10 Manholes, Deduct	-79.95	
33 01 30 82-0003	VLF 60 Mil Epoxy Restoration Of 3-1/2' Diameter Manhole Interior.....	416.55	
	For 80 Mil Material, Add	49.07	
	For 100 Mil Material, Add	98.14	
	For 125 Mil Material, Add	152.96	
	For 150 Mil Material, Add	207.78	
	For 200 Mil Material, Add	300.04	
	For 2 To 5 Manholes, Deduct	-29.52	
	For 6 To 10 Manholes, Deduct	-48.62	
	For >10 Manholes, Deduct	-97.24	
33 01 30 82-0004	VLF 60 Mil Epoxy Restoration Of 4' Diameter Manhole Interior.....	457.93	
	For 80 Mil Material, Add	54.70	
	For 100 Mil Material, Add	109.40	
	For 125 Mil Material, Add	170.66	
	For 150 Mil Material, Add	231.93	
	For 200 Mil Material, Add	335.50	
	For 2 To 5 Manholes, Deduct	-32.38	
	For 6 To 10 Manholes, Deduct	-53.30	
	For >10 Manholes, Deduct	-106.60	
33 01 30 82-0005	VLF 60 Mil Epoxy Restoration Of 5' Diameter Manhole Interior.....	572.47	
	For 80 Mil Material, Add	68.39	
	For 100 Mil Material, Add	136.79	
	For 125 Mil Material, Add	213.39	
	For 150 Mil Material, Add	290.00	
	For 200 Mil Material, Add	419.52	
	For 2 To 5 Manholes, Deduct	-40.47	
	For 6 To 10 Manholes, Deduct	-66.63	
	For >10 Manholes, Deduct	-133.26	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**
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33 01 30 82-0006	VLF 60 Mil Epoxy Restoration Of 6' Diameter Manhole Interior	686.95
	For 80 Mil Material, Add	82.07
	For 100 Mil Material, Add	164.14
	For 125 Mil Material, Add	256.06
	For 150 Mil Material, Add	347.99
	For 200 Mil Material, Add	503.40
	For 2 To 5 Manholes, Deduct	-48.57
	For 6 To 10 Manholes, Deduct	-79.96
	For >10 Manholes, Deduct	-159.91

33 01 30 83 Lining for Concrete Manholes (33 01 30)**33 01 30 83-0001****Manhole Lining (33 01 30 83)**

Note: Includes power washing and cleaning of manhole interiors.

33 01 30 83-0002**Cementitious Manhole Restoration, Interior (33 01 30 83-0001)**

33 01 30 83-0003	VLF 1/2" Cementitious Restoration On 3' Diameter Manhole Interior	148.46
	For Each Additional 1/2" Thick Material, Add	37.57
	For 2 To 5 Manholes, Deduct	-10.42
	For 6 To 10 Manholes, Deduct	-17.14
	For >10 Manholes, Deduct	-34.28
33 01 30 83-0004	VLF 1/2" Cementitious Restoration On 3-1/2' Diameter Manhole Interior	172.14
	For Each Additional 1/2" Thick Material, Add	43.72
	For 2 To 5 Manholes, Deduct	-12.08
	For 6 To 10 Manholes, Deduct	-19.86
	For >10 Manholes, Deduct	-39.72
33 01 30 83-0005	VLF 1/2" Cementitious Restoration On 4' Diameter Manhole Interior	195.83
	For Each Additional 1/2" Thick Material, Add	49.87
	For 2 To 5 Manholes, Deduct	-13.74
	For 6 To 10 Manholes, Deduct	-22.59
	For >10 Manholes, Deduct	-45.17
33 01 30 83-0006	VLF 1/2" Cementitious Restoration On 5' Diameter Manhole Interior	230.81
	For Each Additional 1/2" Thick Material, Add	61.13
	For 2 To 5 Manholes, Deduct	-16.12
	For 6 To 10 Manholes, Deduct	-26.47
	For >10 Manholes, Deduct	-52.95
33 01 30 83-0007	VLF 1/2" Cementitious Restoration On 6' Diameter Manhole Interior	252.68
	For Each Additional 1/2" Thick Material, Add	70.71
	For 2 To 5 Manholes, Deduct	-17.53
	For 6 To 10 Manholes, Deduct	-28.75
	For >10 Manholes, Deduct	-57.49

33 01 30 83-0008 Polyurethane Manhole Restoration, Interior (33 01 30 83-0001)

33 01 30 83-0009	VLF 60 Mil Polyurethane Restoration Of 3' Diameter Manhole Interior	304.98
	For 80 Mil Material, Add	28.20
	For 100 Mil Material, Add	56.41
	For 125 Mil Material, Add	86.33
	For 150 Mil Material, Add	116.25
	For 200 Mil Material, Add	161.88
	For 2 To 5 Manholes, Deduct	-22.36
	For 6 To 10 Manholes, Deduct	-37.09
	For >10 Manholes, Deduct	-74.18
33 01 30 83-0010	VLF 60 Mil Polyurethane Restoration Of 3-1/2' Diameter Manhole Interior	371.61
	For 80 Mil Material, Add	34.09
	For 100 Mil Material, Add	68.18
	For 125 Mil Material, Add	104.27
	For 150 Mil Material, Add	140.37
	For 200 Mil Material, Add	195.18
	For 2 To 5 Manholes, Deduct	-27.27
	For 6 To 10 Manholes, Deduct	-45.25
	For >10 Manholes, Deduct	-90.50
33 01 30 83-0011	VLF 60 Mil Polyurethane Restoration Of 4' Diameter Manhole Interior	406.65
	For 80 Mil Material, Add	37.61
	For 100 Mil Material, Add	75.21
	For 125 Mil Material, Add	115.11
	For 150 Mil Material, Add	155.01
	For 200 Mil Material, Add	215.85
	For 2 To 5 Manholes, Deduct	-29.81
	For 6 To 10 Manholes, Deduct	-49.46
	For >10 Manholes, Deduct	-98.91
33 01 30 83-0012	VLF 60 Mil Polyurethane Restoration Of 5' Diameter Manhole Interior	508.31
	For 80 Mil Material, Add	47.01
	For 100 Mil Material, Add	94.01
	For 125 Mil Material, Add	143.89
	For 150 Mil Material, Add	193.76
	For 200 Mil Material, Add	269.81
	For 2 To 5 Manholes, Deduct	-37.26
	For 6 To 10 Manholes, Deduct	-61.82
	For >10 Manholes, Deduct	-123.64
33 01 30 83-0013	VLF 60 Mil Polyurethane Restoration Of 6' Diameter Manhole Interior	609.96
	For 80 Mil Material, Add	56.41
	For 100 Mil Material, Add	112.81
	For 125 Mil Material, Add	172.66
	For 150 Mil Material, Add	232.50
	For 200 Mil Material, Add	323.75
	For 2 To 5 Manholes, Deduct	-44.72
	For 6 To 10 Manholes, Deduct	-74.18
	For >10 Manholes, Deduct	-148.36

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 01 30 83-0014			Multiplexx™ PVCP Cured-In-Place (CIP) Lining Manhole Restoration, Interior <small>(33 01 30 83-0001)</small>		
33 01 30 83-0015	VLF		3' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole.....	544.56	
			<i>For 2 To 5 Manholes, Deduct</i>	-31.58	
			<i>For 6 To 10 Manholes, Deduct</i>	-49.55	
			<i>For >10 Manholes, Deduct</i>	-99.09	
33 01 30 83-0016	VLF		3-1/2' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole.....	666.90	
			<i>For 2 To 5 Manholes, Deduct</i>	-38.66	
			<i>For 6 To 10 Manholes, Deduct</i>	-60.66	
			<i>For >10 Manholes, Deduct</i>	-121.31	
33 01 30 83-0017	VLF		4' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole.....	786.30	
			<i>For 2 To 5 Manholes, Deduct</i>	-45.12	
			<i>For 6 To 10 Manholes, Deduct</i>	-70.58	
			<i>For >10 Manholes, Deduct</i>	-141.16	
33 01 30 83-0018	VLF		5' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole.....	986.11	
			<i>For 2 To 5 Manholes, Deduct</i>	-56.56	
			<i>For 6 To 10 Manholes, Deduct</i>	-88.47	
			<i>For >10 Manholes, Deduct</i>	-176.93	
33 01 30 83-0019	VLF		6' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole.....	1,185.91	
			<i>For 2 To 5 Manholes, Deduct</i>	-68.00	
			<i>For 6 To 10 Manholes, Deduct</i>	-106.35	
			<i>For >10 Manholes, Deduct</i>	-212.71	

33 01 30 86 Manhole Rim Adjustment (33 01 30)

33 01 30 86-0001			Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Risers <small>(33 01 30 86)</small>		
33 01 30 86-0002			Up To 6" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Risers <small>(33 01 30 86-0001)</small>		
33 01 30 86-0003	EA		Up To 2" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	372.99	
33 01 30 86-0004	EA		>2" To 3" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser.....	420.14	
33 01 30 86-0005	EA		>3" To 4" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser.....	462.91	
33 01 30 86-0006	EA		>4" To 5" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser.....	511.40	
33 01 30 86-0007	EA		>5" To 6" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser.....	550.66	

33 01 30 86-0008			Up To 6" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser <small>(33 01 30 86-0001)</small>		
33 01 30 86-0009	EA		Up To 2" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	440.13	
33 01 30 86-0010	EA		>2 To 3" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	480.00	
33 01 30 86-0011	EA		>3" To 4" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser.....	530.26	
33 01 30 86-0012	EA		>4" To 5" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser.....	578.74	
33 01 30 86-0013	EA		>5" To 6" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser.....	625.46	

33 01 30 86-0014			>6" To 12" Rise, >32-1/2" To 36" Diameter, Solid, Cast Iron, Manhole Cover Risers <small>(33 01 30 86-0001)</small>		
33 01 30 86-0015	EA		>6" To 6-1/2" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser.....	614.24	
33 01 30 86-0016	EA		7" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	668.38	
33 01 30 86-0017	EA		7-1/2" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	723.37	
33 01 30 86-0018	EA		8" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	766.92	
33 01 30 86-0019	EA		9" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	833.80	
33 01 30 86-0020	EA		10" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	894.43	
33 01 30 86-0021	EA		11" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	953.73	
33 01 30 86-0022	EA		12" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	1,014.25	

33 01 30 86-0023			>12" Rise, Solid Manhole Risers <small>(33 01 30 86)</small>		
33 01 30 86-0024			Precast Concrete Manhole Riser <small>(33 01 30 86-0023)</small>		
33 01 30 86-0025	VLF		Up To 26" Diameter Precast Concrete Manhole Riser.....	112.66	
33 01 30 86-0026	VLF		>26" To 36" Diameter Precast Concrete Manhole Riser.....	134.48	
33 01 30 86-0027	VLF		>36" To 48" Diameter Precast Concrete Manhole Riser.....	174.36	
33 01 30 86-0028	VLF		>48" To 60" Diameter Precast Concrete Manhole Riser.....	355.69	
33 01 30 86-0029	VLF		>60" To 72" Diameter Precast Concrete Manhole Riser.....	521.00	

33 05 Common Work Results for Utilities (33)

33 05 07 Trenchless Installation of Utility Piping (33 05)

33 05 07 13 Utility Directional Drilling (33 05 07)

33 05 07 13-0001			Horizontal Augering <small>(33 05 07 13)</small>		
			Note: Excludes starting or receiving pits, dewatering, cost of casing pipe or spoils removal.		
33 05 07 13-0002	LF		Up To 2" Diameter Horizontal Hand Augering	24.41	
33 05 07 13-0003	LF		3" Diameter Horizontal Hand Augering	29.45	
33 05 07 13-0004	LF		4" Diameter Horizontal Hand Augering	40.39	
33 05 07 13-0005	LF		6" Diameter Horizontal Hand Augering.....	52.17	
33 05 07 13-0006	LF		8" Diameter Horizontal Augering	96.70	
33 05 07 13-0007	LF		10" Diameter Horizontal Augering	141.07	
33 05 07 13-0008	LF		12" Diameter Horizontal Augering	169.51	
33 05 07 13-0009	LF		16" Diameter Horizontal Augering	202.50	
33 05 07 13-0010	LF		20" Diameter Horizontal Augering	350.39	

33 Utilities**33 05 Common Work Results for Utilities****33 05 07 Trenchless Installation of Utility Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 05 07 13-0011	LF	24" Diameter Horizontal Augering.....	439.87	
33 05 07 13-0012	LF	30" Diameter Horizontal Augering.....	542.55	
33 05 07 13-0013	LF	36" Diameter Horizontal Augering.....	619.87	
33 05 07 13-0014	LF	42" Diameter Horizontal Augering.....	800.56	
33 05 07 13-0015	LF	48" Diameter Horizontal Augering.....	862.61	
33 05 07 13-0016	LF	54" Diameter Horizontal Augering.....	938.13	
33 05 07 13-0017	LF	60" Diameter Horizontal Augering.....	983.53	
33 05 07 13-0018	EA	8" To 20" Horizontal Augering Minimum Set-up Charge.....	4,095.43	
		Note: For projects where the total horizontal augering charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
33 05 07 13-0019	EA	>20" To 36" Horizontal Augering Minimum Set-up Charge.....	5,577.57	
		Note: For projects where the total horizontal augering charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
33 05 07 13-0020	EA	>36" Horizontal Augering Minimum Set-up Charge.....	8,172.46	
		Note: For projects where the total horizontal augering charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		

33 05 07 13-0021 Horizontal Directional Boring (33 05 07 13)

Note: Excludes receiving pits or dewatering or cost of casing pipe.

33 05 07 13-0022	LF	Up To 1-1/2" Diameter Directional Boring For Horizontal Pipe, Underground.....	13.41	
		<i>For Horizontal Boring Through Rock, Add</i>	9.39	
33 05 07 13-0023	LF	2" Diameter Directional Boring For Horizontal Pipe, Underground.....	20.10	
		<i>For Horizontal Boring Through Rock, Add</i>	14.07	
33 05 07 13-0024	LF	2-1/2" Diameter Directional Boring For Horizontal Pipe, Underground.....	27.92	
		<i>For Horizontal Boring Through Rock, Add</i>	19.54	
33 05 07 13-0025	LF	3" Diameter Directional Boring For Horizontal Pipe, Underground.....	34.62	
		<i>For Horizontal Boring Through Rock, Add</i>	24.23	
33 05 07 13-0026	LF	4" Diameter Directional Boring For Horizontal Pipe, Underground.....	41.32	
		<i>For Horizontal Boring Through Rock, Add</i>	28.92	
33 05 07 13-0027	LF	5" Diameter Directional Boring For Horizontal Pipe, Underground.....	48.02	
		<i>For Horizontal Boring Through Rock, Add</i>	33.61	
33 05 07 13-0028	LF	6" Diameter Directional Boring For Horizontal Pipe, Underground.....	55.84	
		<i>For Horizontal Boring Through Rock, Add</i>	39.09	
33 05 07 13-0029	LF	8" Diameter Directional Boring For Horizontal Pipe, Underground.....	68.26	
		<i>For Horizontal Boring Through Rock, Add</i>	47.78	
33 05 07 13-0030	LF	10" Diameter Directional Boring For Horizontal Pipe, Underground.....	73.94	
		<i>For Horizontal Boring Through Rock, Add</i>	51.76	
33 05 07 13-0031	LF	12" Diameter Directional Boring For Horizontal Pipe, Underground.....	79.64	
		<i>For Horizontal Boring Through Rock, Add</i>	55.75	
33 05 07 13-0032	LF	18" Diameter Directional Boring For Horizontal Pipe, Underground.....	164.96	
		<i>For Horizontal Boring Through Rock, Add</i>	115.47	
33 05 07 13-0033	LF	24" Diameter Directional Boring For Horizontal Pipe, Underground.....	259.87	
		<i>For Horizontal Boring Through Rock, Add</i>	181.91	
33 05 07 13-0034	LF	30" Diameter Directional Boring For Horizontal Pipe, Underground.....	396.14	
		<i>For Horizontal Boring Through Rock, Add</i>	277.30	
33 05 07 13-0035	LF	36" Diameter Directional Boring For Horizontal Pipe, Underground.....	633.81	
		<i>For Horizontal Boring Through Rock, Add</i>	443.67	
33 05 07 13-0036	EA	Up To 6" Horizontal Directional Boring Minimum Set-up Charge.....	3,573.78	
		Note: For projects where the total horizontal directional boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
33 05 07 13-0037	EA	>6" To 18" Horizontal Directional Boring Minimum Set-up Charge.....	4,095.43	
		Note: For projects where the total horizontal directional boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
33 05 07 13-0038	EA	>18" To 36" Horizontal Directional Boring Minimum Set-up Charge.....	5,577.57	
		Note: For projects where the total horizontal directional boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		

33 05 07 23 Utility Boring and Jacking (33 05 07)**33 05 07 23-0001 Horizontal Jacking (33 05 07 23)**

Note: Includes cost of steel casing pipe, excludes dewatering and excavation for jacking pit or receiving pit.

33 05 07 23-0002	LF	Up To 2" Diameter Horizontal Jacking.....	83.08	
		<i>For Horizontal Jacking Through Rock, Add</i>	30.72	
33 05 07 23-0003	LF	3" Diameter Horizontal Jacking.....	99.29	
		<i>For Horizontal Jacking Through Rock, Add</i>	37.08	
33 05 07 23-0004	LF	4" Diameter Horizontal Jacking.....	133.22	
		<i>For Horizontal Jacking Through Rock, Add</i>	50.86	
33 05 07 23-0005	LF	6" Diameter Horizontal Jacking.....	172.23	
		<i>For Horizontal Jacking Through Rock, Add</i>	65.69	
33 05 07 23-0006	LF	8" Diameter Horizontal Jacking.....	231.95	
		<i>For Horizontal Jacking Through Rock, Add</i>	90.03	
33 05 07 23-0007	LF	10" Diameter Horizontal Jacking.....	340.87	
		<i>For Horizontal Jacking Through Rock, Add</i>	131.36	
33 05 07 23-0008	LF	12" Diameter Horizontal Jacking.....	410.78	
		<i>For Horizontal Jacking Through Rock, Add</i>	157.85	
33 05 07 23-0009	LF	16" Diameter Horizontal Jacking.....	490.30	
		<i>For Horizontal Jacking Through Rock, Add</i>	188.57	
33 05 07 23-0010	LF	20" Diameter Horizontal Jacking.....	720.62	
		<i>For Horizontal Jacking Through Rock, Add</i>	327.35	
33 05 07 23-0011	LF	24" Diameter Horizontal Jacking.....	1,415.59	
		<i>For Horizontal Jacking Through Rock, Add</i>	367.37	
33 05 07 23-0012	LF	30" Diameter Horizontal Jacking.....	1,610.07	
		<i>For Horizontal Jacking Through Rock, Add</i>	453.63	
33 05 07 23-0013	LF	36" Diameter Horizontal Jacking.....	1,809.91	
		<i>For Horizontal Jacking Through Rock, Add</i>	518.69	
33 05 07 23-0014	LF	42" Diameter Horizontal Jacking.....	1,940.36	
		<i>For Horizontal Jacking Through Rock, Add</i>	560.12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 05 07 23-0015	LF		48" Diameter Horizontal Jacking..... <i>For Horizontal Jacking Through Rock, Add</i>	2,109.23 603.51	
33 05 07 23-0016	LF		54" Diameter Horizontal Jacking..... <i>For Horizontal Jacking Through Rock, Add</i>	2,238.50 656.82	
33 05 07 23-0017	EA		Up To 6" Horizontal Jacking Minimum Set-up Charge..... Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	3,573.78	
33 05 07 23-0018	EA		>6" To 20" Horizontal Jacking Minimum Set-up Charge..... Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	4,095.43	
33 05 07 23-0019	EA		>20" To 36" Horizontal Jacking Minimum Set-up Charge..... Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	5,577.57	
33 05 07 23-0020	EA		>36" Horizontal Jacking Minimum Set-up Charge..... Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	8,172.46	

33 05 07 24 Casing Piping for Utility Jacking (33 05 07)

33 05 07 24-0001			Casing Pipe <small>(33 05 07 24)</small> Note: Casing pipe is pulled back from hook on boring auger through slurry. Costs are installed costs. Excludes boring.		
33 05 07 24-0002			Steel Pipe <small>(33 05 07 24-0001)</small>		
33 05 07 24-0003	LF		1-1/2" Steel Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	33.16	
33 05 07 24-0004	LF		2" Steel Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	35.02	
33 05 07 24-0005	LF		2-1/2" Steel Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	37.99	
33 05 07 24-0006	LF		3" Steel Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	41.02	
33 05 07 24-0007	LF		4" Steel Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	52.71	
33 05 07 24-0008	LF		5" Steel Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	60.02	
33 05 07 24-0009	LF		6" Steel Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	67.31	
33 05 07 24-0010			Polyethylene Pipe <small>(33 05 07 24-0001)</small>		
33 05 07 24-0011	LF		3/4" Polyethylene Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	8.08	
33 05 07 24-0012	LF		1" Polyethylene Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	8.79	
33 05 07 24-0013	LF		1-1/4" Polyethylene Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	9.51	
33 05 07 24-0014	LF		1-1/2" Polyethylene Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	10.17	
33 05 07 24-0015	LF		2" Polyethylene Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	10.88	
33 05 07 24-0016	LF		2-1/2" Polyethylene Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	11.71	
33 05 07 24-0017	LF		3" Polyethylene Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	12.57	
33 05 07 24-0018	LF		4" Polyethylene Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	15.61	
33 05 07 24-0019	LF		5" Polyethylene Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	17.46	
33 05 07 24-0020	LF		6" Polyethylene Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	19.34	
33 05 07 24-0021	LF		8" Polyethylene Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	25.86	
33 05 07 24-0022	LF		10" Polyethylene Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	36.11	

33 05 09 Piping Specials for Utilities (33 05)

33 05 09 23 Adapters for Utility Piping (33 05 09)
See CSI section 33 14 13 53-0222 for ductile iron body adapters, 33 14 13 53-0229 for steel body adapters.

33 05 09 33 Thrust Restraint for Utility Piping (33 05 09)
See CSI section 33 14 13 13-0392 for mechanical restraints, 33 14 13 13-0423 for flanged restraints, 33 14 13 13-0830 for slip-on restraints, 33 14 13 13-0841 for slip-on restraint harnesses.

33 05 16 Cast-Iron Utility Pipe (33 05)
See CSI section 22 13 16 00-0019 for cast iron utility piping.

33 05 17 Copper Utility Pipe and Tubing (33 05)
See CSI section 33 14 13 39-0000 for copper utility piping.

33 05 19 Ductile-Iron Utility Pipe (33 05)
See CSI section 33 14 13 13-0000 for ductile iron utility piping.

33 05 24 Steel Utility Pipe (33 05)
33 05 24 23 Steel Pipe for Water Service (33 05 24)

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

See CSI section 33 14 13 26-0000 for galvanized steel utility piping, 33 14 13 36-0000 for steel utility piping.

33 05 27 Corrugated Metal Utility Pipe ^(33 05)
33 05 27 13 Corrugated Metal Culvert Pipe ^(33 05 27)

See CSI section 33 42 11 00-0299 for corrugated metal culvert pipe.

33 05 27 23 Corrugated Metal Slotted Pipe ^(33 05 27)

See CSI section 33 41 16 13-0085 for corrugated metal slotted pipe.

33 05 27 33 Corrugated Metal Culvert Arch Pipe ^(33 05 27)

See CSI section 33 42 11 00-0643 for corrugated metal culvert arch pipe.

33 05 31 Thermoplastic Utility Pipe ^(33 05)
33 05 31 11 Polyvinyl Chloride Gravity Sewer Pipe ^(33 05 31)

See CSI section 33 31 11 00-0000 for polyvinyl chloride gravity sewer pipe.

33 05 31 13 Polyvinyl Chloride Pressure Pipe ^(33 05 31)

See CSI section 33 14 13 23-0256 for polyvinyl chloride pressure pipe.

33 05 31 16 Polyvinyl Chloride Pressure Pipe for Water Transmission and Distribution (AWWA C900 and AWWA C905) ^(33 05 31)

See CSI section 33 14 13 23-0001 for AWWA C900 and 905 polyvinyl chloride pressure pipe.

33 05 33 Polyethylene Utility Pipe ^(33 05)
33 05 33 13 Corrugated-Wall, Smooth Interior HDPE Gravity Pipe ^(33 05 33)

See CSI section 33 42 11 00-0173 for corrugated-wall smooth interior HDPE gravity pipe.

33 05 33 23 Polyethylene Pressure Pipe and Tubing (AWWA C901 and AWWA C906) ^(33 05 33)

See CSI section 33 14 13 23-0426 for AWWA C906 high density polyethylene pipe.

33 05 33 33 Corrugated, Perforated HDPE Drainage Pipe ^(33 05 33)

See CSI section 33 42 11 00-0195 for corrugated perforated HDPE drainage pipe.

33 05 33 36 Corrugated, Non-Perforated HDPE Drainage Pipe ^(33 05 33)

See CSI section 33 41 16 13-0002 for corrugated non-perforated HDPE drainage pipe.

33 05 33 53 HDPE Gas Utility Pipe ^(33 05 33)

See CSI section 33 52 16 26-0001 for high-density polyethylene gas utility pipe.

33 05 33 56 Medium-Density Polyethylene Gas Utility Pipe ^(33 05 33)

See CSI section 33 52 16 23-0000 for Medium-Density Polyethylene Gas Utility Pipe.

33 05 33 63 HDPE Communication Duct ^(33 05 33)
33 05 33 63-0001 ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine ^(33 05 33 63)

Note: Excludes boring.

33 05 33 63-0002	LF	1" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine	3.60
		For Up To 250, Add	0.12
		For >250 To 500, Add	0.08
33 05 33 63-0003	LF	1-1/4" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine	4.03
		For Up To 250, Add	0.14
		For >250 To 500, Add	0.10
33 05 33 63-0004	LF	1-1/2" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine	4.38
		For Up To 250, Add	0.16
		For >250 To 500, Add	0.11
33 05 33 63-0005	LF	2" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine	4.81
		For Up To 250, Add	0.20
		For >250 To 500, Add	0.13
33 05 33 63-0006	LF	3" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine	6.52
		For Up To 250, Add	0.41
		For >250 To 500, Add	0.27
33 05 33 63-0007	LF	4" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine	8.27
		For Up To 250, Add	0.63
		For >250 To 500, Add	0.42
33 05 33 63-0008	LF	1" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine	3.69
		For Up To 250, Add	0.13
		For >250 To 500, Add	0.09
33 05 33 63-0009	LF	1-1/4" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine	4.18
		For Up To 250, Add	0.17
		For >250 To 500, Add	0.11
33 05 33 63-0010	LF	1-1/2" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine	4.51
		For Up To 250, Add	0.18
		For >250 To 500, Add	0.12
33 05 33 63-0011	LF	2" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine	5.13
		For Up To 250, Add	0.24
		For >250 To 500, Add	0.16
33 05 33 63-0012	LF	3" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine	7.22
		For Up To 250, Add	0.51
		For >250 To 500, Add	0.34

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 05 33 63-0013	LF	4"	Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine.....	9.15	
			For Up To 250, Add	0.76	
			For >250 To 500, Add	0.51	

33 05 39 Concrete Pipe (33 05)

33 05 39 13 Prestressed Concrete Pressure Pipe, Steel-Cylinder Type (AWWA C301) (33 05 39)

See CSI section 33 42 11 00-0068 for prestressed concrete pressure pipe.

33 05 39 41 Reinforced Concrete Pipe for Sewers and Culverts (33 05 39)

See CSI section 33 42 11 00-0001 for reinforced concrete pipe.

33 05 41 Vitrified Clay Utility Pipe (33 05)

See CSI section 33 42 11 00-1337 for vitrified clay piping.

33 05 61 Concrete Manholes (33 05)

33 05 61 00-0001 Manholes (33 05 61)

33 05 61 00-0002 Precast Concrete Manholes (33 05 61 00-0001)

Note: Includes base, riser(s), reducer and openings. Excludes excavation, aggregate, backfill and frame/cover. See CSI section 33 05 84 00-0002 for top slabs.

33 05 61 00-0003 3' Diameter, Precast Concrete Manholes (33 05 61 00-0002)

33 05 61 00-0004	EA	4'	Deep, 3' Diameter, Precast Concrete Manhole.....	1,624.82	282.19
			For Bitumastic Coating, Add	76.62	
			For Epoxy Coating, Add	146.41	
33 05 61 00-0005	EA	6'	Deep, 3' Diameter, Precast Concrete Manhole.....	2,212.23	405.32
			For Bitumastic Coating, Add	114.93	
			For Epoxy Coating, Add	219.61	
33 05 61 00-0006	EA	8'	Deep, 3' Diameter, Precast Concrete Manhole.....	2,974.09	615.69
			For Bitumastic Coating, Add	153.23	
			For Epoxy Coating, Add	292.82	
33 05 61 00-0007	VLF		Riser For 3' Diameter, Precast Concrete Manhole.....	314.23	71.83
			Note: For depths greater than 8'.		
			For Bitumastic Coating, Add	19.15	
			For Epoxy Coating, Add	36.60	
33 05 61 00-0008	VLF		Drop Collar For 3' Diameter, Precast Concrete Manhole.....	339.25	71.83
33 05 61 00-0009	EA		Drop Base For 3' Diameter, Precast Concrete Manhole.....	547.49	71.83
33 05 61 00-0010	EA		Extended Base Slab For 3' Diameter, Precast Concrete Manhole.....	435.66	71.83
33 05 61 00-0011	EA		Precast Channel For 3' Diameter, Precast Concrete Manhole.....	626.12	71.83

33 05 61 00-0012 4' Diameter, Precast Concrete Manholes (33 05 61 00-0002)

33 05 61 00-0013	EA	4'	Deep, 4' Diameter, Precast Concrete Manhole.....	2,430.98	323.23
			For Bitumastic Coating, Add	76.62	
			For Epoxy Coating, Add	146.41	
33 05 61 00-0014	EA	6'	Deep, 4' Diameter, Precast Concrete Manhole.....	3,242.30	441.23
			For Bitumastic Coating, Add	114.93	
			For Epoxy Coating, Add	219.61	
33 05 61 00-0015	EA	8'	Deep, 4' Diameter, Precast Concrete Manhole.....	4,259.67	666.99
			For Bitumastic Coating, Add	153.23	
			For Epoxy Coating, Add	292.82	
33 05 61 00-0016	VLF		Riser For 4' Diameter, Precast Concrete Manhole.....	453.11	84.66
			Note: For depths greater than 8'.		
			For Bitumastic Coating, Add	19.15	
			For Epoxy Coating, Add	36.60	
33 05 61 00-0017	VLF		Drop Collar For 4' Diameter, Precast Concrete Manhole.....	495.12	84.66
33 05 61 00-0018	EA		Drop Base For 4' Diameter, Precast Concrete Manhole.....	844.67	84.66
33 05 61 00-0019	EA		Extended Base Slab For 4' Diameter, Precast Concrete Manhole.....	656.96	84.66
33 05 61 00-0020	EA		Precast Channel For 4' Diameter, Precast Concrete Manhole.....	976.71	84.66

33 05 61 00-0021 5' Diameter, Precast Concrete Manholes (33 05 61 00-0002)

33 05 61 00-0022	EA	4'	Deep, 5' Diameter, Precast Concrete Manhole.....	4,629.56	359.15
			For Bitumastic Coating, Add	98.72	
			For Epoxy Coating, Add	236.03	
33 05 61 00-0023	EA	6'	Deep, 5' Diameter, Precast Concrete Manhole.....	6,162.52	492.54
			For Bitumastic Coating, Add	148.07	
			For Epoxy Coating, Add	354.04	
33 05 61 00-0024	EA	8'	Deep, 5' Diameter, Precast Concrete Manhole.....	7,923.89	738.82
			For Bitumastic Coating, Add	197.43	
			For Epoxy Coating, Add	472.05	
33 05 61 00-0025	VLF		Riser For 5' Diameter, Precast Concrete Manhole.....	819.40	92.35
			Note: For depths greater than 8'.		
			For Bitumastic Coating, Add	24.68	
			For Epoxy Coating, Add	59.01	

33 05 61 00-0026 6' Diameter, Precast Concrete Manholes (33 05 61 00-0002)

33 05 61 00-0027	EA	4'	Deep, 6' Diameter, Precast Concrete Manhole.....	6,232.97	400.19
			For Bitumastic Coating, Add	113.02	
			For Epoxy Coating, Add	276.32	
33 05 61 00-0028	EA	6'	Deep, 6' Diameter, Precast Concrete Manhole.....	8,111.68	543.85
			For Bitumastic Coating, Add	169.52	
			For Epoxy Coating, Add	414.49	

33 Utilities**33 05 Common Work Results for Utilities****33 05 61 Concrete Manholes**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 05 61 00-0029	EA	8' Deep, 6' Diameter, Precast Concrete Manhole	10,246.12	820.91
		<i>For Bitumastic Coating, Add</i>	226.03	
		<i>For Epoxy Coating, Add</i>	552.65	
33 05 61 00-0030	VLF	Riser For 6' Diameter, Precast Concrete Manhole	997.74	102.62
		Note: For depths greater than 8'.		
		<i>For Bitumastic Coating, Add</i>	28.25	
		<i>For Epoxy Coating, Add</i>	69.08	
33 05 61 00-0031		7' Diameter, Precast Concrete Manholes <small>(33 05 61 00-0002)</small>		
33 05 61 00-0032	EA	4' Deep, 7' Diameter, Precast Concrete Manhole	9,874.70	441.23
		<i>For Bitumastic Coating, Add</i>	240.33	
		<i>For Epoxy Coating, Add</i>	482.86	
33 05 61 00-0033	EA	6' Deep, 7' Diameter, Precast Concrete Manhole	12,761.47	601.83
		<i>For Bitumastic Coating, Add</i>	360.50	
		<i>For Epoxy Coating, Add</i>	724.29	
33 05 61 00-0034	EA	8' Deep, 7' Diameter, Precast Concrete Manhole	15,929.40	903.00
		<i>For Bitumastic Coating, Add</i>	480.66	
		<i>For Epoxy Coating, Add</i>	965.71	
33 05 61 00-0035	VLF	Riser For 7' Diameter, Precast Concrete Manhole	1,508.54	112.88
		Note: For depths greater than 8'.		
		<i>For Bitumastic Coating, Add</i>	60.08	
		<i>For Epoxy Coating, Add</i>	120.71	
33 05 61 00-0036		8' Diameter, Precast Concrete Manholes <small>(33 05 61 00-0002)</small>		
33 05 61 00-0037	EA	4' Deep, 8' Diameter, Precast Concrete Manhole	14,324.04	507.94
		<i>For Bitumastic Coating, Add</i>	284.12	
		<i>For Epoxy Coating, Add</i>	588.56	
33 05 61 00-0038	EA	6' Deep, 8' Diameter, Precast Concrete Manhole	18,564.47	692.64
		<i>For Bitumastic Coating, Add</i>	426.19	
		<i>For Epoxy Coating, Add</i>	882.84	
33 05 61 00-0039	EA	8' Deep, 8' Diameter, Precast Concrete Manhole	23,128.13	1,038.96
		<i>For Bitumastic Coating, Add</i>	568.25	
		<i>For Epoxy Coating, Add</i>	1,177.12	
33 05 61 00-0040	VLF	Riser For 8' Diameter, Precast Concrete Manhole	2,192.04	128.26
		Note: For depths greater than 8'.		
		<i>For Bitumastic Coating, Add</i>	71.03	
		<i>For Epoxy Coating, Add</i>	147.14	
33 05 63 Concrete Vaults and Chambers				
33 05 63 00-0001		Underground Utility Vaults And Structures <small>(33 05 63)</small>		
		See CSI section 33 05 61 00-0001 for manholes, 33 05 81 00-0006 for frames and covers.		
33 05 63 00-0002		Precast Concrete Underground Utility Vault <small>(33 05 63 00-0001)</small>		
		Note: Sizes given are for inside dimensions.		
33 05 63 00-0003		6' High Precast Concrete Underground Utility Vault <small>(33 05 63 00-0002)</small>		
33 05 63 00-0004	EA	4' x 4' x 6' Precast Concrete Underground Utility Vault	3,284.65	
		Note: 6" thick walls and 8" thick top.		
33 05 63 00-0005	EA	4' x 6' x 6' Precast Concrete Underground Utility Vault	4,281.58	
		Note: 6" thick walls and 8" thick top.		
33 05 63 00-0006	EA	5' x 10' x 6' Precast Concrete Underground Utility Vault	7,063.60	
		Note: 6" thick walls and 8" thick top.		
33 05 63 00-0007	EA	5' x 12' x 6' Precast Concrete Underground Utility Vault	8,156.09	
		Note: 6" thick walls and 8" thick top.		
33 05 63 00-0008	EA	6' x 6' x 6' Precast Concrete Underground Utility Vault	5,471.65	
		Note: 6" thick walls and 8" thick top.		
33 05 63 00-0009	EA	6' x 8' x 6' Precast Concrete Underground Utility Vault	6,660.68	
		Note: 6" thick walls and 8" thick top.		
33 05 63 00-0010	EA	6' x 10' x 6' Precast Concrete Underground Utility Vault	7,850.75	
		Note: 6" thick walls and 8" thick top.		
33 05 63 00-0011	EA	6' x 12' x 6' Precast Concrete Underground Utility Vault	11,342.81	
		Note: 8" thick walls and top.		
33 05 63 00-0012	EA	6' x 14' x 6' Precast Concrete Underground Utility Vault	11,342.81	
		Note: 8" thick walls and top.		
33 05 63 00-0013	EA	6' x 16' x 6' Precast Concrete Underground Utility Vault	14,282.40	
		Note: 8" thick walls and top.		
33 05 63 00-0014	EA	8' x 8' x 6' Precast Concrete Underground Utility Vault	8,043.91	
		Note: 6" thick walls and 8" thick top.		
33 05 63 00-0015	EA	8' x 10' x 6' Precast Concrete Underground Utility Vault	9,426.12	
		Note: 6" thick walls and 8" thick top.		
33 05 63 00-0016	EA	8' x 12' x 6' Precast Concrete Underground Utility Vault	13,473.84	
		Note: 8" thick walls and top.		
33 05 63 00-0017	EA	8' x 14' x 6' Precast Concrete Underground Utility Vault	15,164.73	
		Note: 8" thick walls and top.		
33 05 63 00-0018		7' High Precast Concrete Underground Utility Vault <small>(33 05 63 00-0002)</small>		
33 05 63 00-0019	EA	4' x 4' x 7' Precast Concrete Underground Utility Vault	3,965.61	
		Note: 6" thick walls and 8" thick top.		
33 05 63 00-0020	EA	4' x 6' x 7' Precast Concrete Underground Utility Vault	5,149.22	
		Note: 6" thick walls and 8" thick top.		
33 05 63 00-0021	EA	4' x 8' x 7' Precast Concrete Underground Utility Vault	5,774.56	
		Note: 6" thick walls and 8" thick top.		
33 05 63 00-0022	EA	5' x 10' x 7' Precast Concrete Underground Utility Vault	7,683.73	
		Note: 6" thick walls and 8" thick top.		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 05 63 00-0023	EA			5' x 12' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	8,859.55	
33 05 63 00-0024	EA			6' x 6' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	6,544.62	
33 05 63 00-0025	EA			6' x 8' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	7,240.16	
33 05 63 00-0026	EA			6' x 10' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	9,335.45	
33 05 63 00-0027	EA			6' x 12' x 7' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	12,334.97	
33 05 63 00-0028	EA			6' x 16' x 7' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	15,495.15	
33 05 63 00-0029	EA			8' x 8' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	8,705.69	
33 05 63 00-0030	EA			8' x 10' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	10,170.25	
33 05 63 00-0031	EA			8' x 12' x 7' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	14,576.89	
33 05 63 00-0032	EA			8' x 14' x 7' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	16,376.45	
33 05 63 00-0033	EA			10' x 10' x 7' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	14,796.71	
33 05 63 00-0034				8' High Precast Concrete Underground Utility Vault <small>(33 05 63 00-0002)</small>		
33 05 63 00-0035	EA			4' x 4' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	3,946.44	
33 05 63 00-0036	EA			4' x 6' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	5,109.07	
33 05 63 00-0037	EA			5' x 10' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	8,303.83	
33 05 63 00-0038	EA			5' x 12' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	9,561.99	
33 05 63 00-0039	EA			6' x 6' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	6,463.81	
33 05 63 00-0040	EA			6' x 8' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	7,818.57	
33 05 63 00-0041	EA			6' x 10' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	9,173.35	
33 05 63 00-0042	EA			6' x 12' x 8' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	13,327.11	
33 05 63 00-0043	EA			6' x 16' x 8' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	16,707.96	
33 05 63 00-0044	EA			8' x 8' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	9,366.45	
33 05 63 00-0045	EA			8' x 10' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	10,914.36	
33 05 63 00-0046	EA			8' x 12' x 8' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	15,678.82	
33 05 63 00-0047	EA			8' x 14' x 8' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	17,589.26	
33 05 63 00-0048	EA			10' x 10' x 8' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	15,899.42	
33 05 63 00-0049				10' High Precast Concrete Underground Utility Vault <small>(33 05 63 00-0002)</small>		
33 05 63 00-0050	EA			6' x 6' x 10' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	6,959.92	
33 05 63 00-0051	EA			6' x 8' x 10' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	8,396.98	
33 05 63 00-0052	EA			10' x 10' x 10' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	17,001.31	
33 05 63 00-0053				12' High Precast Concrete Underground Utility Vault <small>(33 05 63 00-0002)</small>		
33 05 63 00-0054	EA			6' x 6' x 12' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	7,455.99	
33 05 63 00-0055	EA			6' x 8' x 12' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	8,976.45	
33 05 63 00-0056				Meter Pit <small>(33 05 63 00-0001)</small>		
33 05 63 00-0057				Precast Concrete Meter Pit <small>(33 05 63 00-0056)</small>		
33 05 63 00-0058	EA			4' x 4' x 4' Deep Precast Concrete Meter Pit.....	3,236.44	
33 05 63 00-0059	EA			4' x 4' x 6' Deep Precast Concrete Meter Pit.....	4,390.72	
33 05 63 00-0060	EA			4' x 4' x 8' Deep Precast Concrete Meter Pit.....	5,515.86	
33 05 63 00-0061	EA			4' x 4' x 10' Deep Precast Concrete Meter Pit.....	6,835.92	
33 05 63 00-0062	EA			4' x 4' x 15' Deep Precast Concrete Meter Pit.....	9,454.50	
33 05 63 00-0063	EA			6' x 6' x 4' Deep Precast Concrete Meter Pit.....	4,909.78	
33 05 63 00-0064	EA			6' x 6' x 6' Deep Precast Concrete Meter Pit.....	6,835.92	
33 05 63 00-0065	EA			6' x 6' x 8' Deep Precast Concrete Meter Pit.....	8,810.72	
33 05 63 00-0066	EA			6' x 6' x 10' Deep Precast Concrete Meter Pit.....	10,991.54	
33 05 63 00-0067	EA			6' x 6' x 15' Deep Precast Concrete Meter Pit.....	15,645.51	
33 05 63 00-0068				Handhole Or Pull Box Enclosures <small>(33 05 63 00-0001)</small>		

33 Utilities**33 05 Common Work Results for Utilities****33 05 63 Concrete Vaults and Chambers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 05 63 00-0069		Polymer Concrete Handhole Enclosures (33 05 63 00-0068)		
33 05 63 00-0070		Polymer Concrete Handhole Enclosures (33 05 63 00-0069) Note: Excludes cover See CSI section 33 05 63 00-0290 for covers.		
33 05 63 00-0071		Flared Sides, Polymer Concrete Handhole Enclosures (33 05 63 00-0070)		
33 05 63 00-0072		Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosures (33 05 63 00-0071)		
33 05 63 00-0073	EA	12" x 12", 24" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	560.99	22.19
33 05 63 00-0074	EA	10" x 15", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	435.41	49.28
33 05 63 00-0075	EA	13" x 24", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	666.91	73.92
33 05 63 00-0076	EA	17" x 30", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	794.71	73.92
33 05 63 00-0077	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	752.48	73.92
33 05 63 00-0078	EA	13" x 24", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	936.81	73.92
33 05 63 00-0079	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	908.99	73.92
33 05 63 00-0080	EA	17" x 30", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,282.23	73.92
33 05 63 00-0081	EA	27" Round, 36" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,831.65	98.56
33 05 63 00-0082	EA	27" Round, 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	2,634.89	98.56
33 05 63 00-0083	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,588.07	135.51
33 05 63 00-0084	EA	24" x 36", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,839.61	135.51
33 05 63 00-0085	EA	24" x 36", 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	3,148.17	135.51
33 05 63 00-0086	EA	39" Round, 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,690.78	147.83
33 05 63 00-0087	EA	39" Round, 24" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	2,514.74	147.83
33 05 63 00-0088	EA	39" Round, 36" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	3,188.54	147.83
33 05 63 00-0089	EA	39" Round, 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	4,782.21	147.83
33 05 63 00-0090	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	2,437.95	238.13
33 05 63 00-0091	EA	30" x 48", 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	3,678.06	238.13
33 05 63 00-0092		Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosures (33 05 63 00-0071)		
33 05 63 00-0093	EA	12" x 12", 24" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	727.95	22.19
33 05 63 00-0094	EA	13" x 24", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	865.76	73.92
33 05 63 00-0095	EA	17" x 30", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,071.48	73.92
33 05 63 00-0096	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	979.40	73.92
33 05 63 00-0097	EA	13" x 24", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,136.94	73.92
33 05 63 00-0098	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,178.25	73.92
33 05 63 00-0099	EA	17" x 30", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,553.81	73.92
33 05 63 00-0100	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	2,010.92	135.51
33 05 63 00-0101	EA	24" x 36", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	2,262.46	135.51
33 05 63 00-0102	EA	24" x 36", 48" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	3,571.06	135.51
33 05 63 00-0103	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	2,932.10	238.13
33 05 63 00-0104	EA	30" x 48", 48" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	4,181.62	238.13
33 05 63 00-0105		Straight Sides, Polymer Concrete Handhole Enclosures (33 05 63 00-0070)		
33 05 63 00-0106		Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosures (33 05 63 00-0105)		
33 05 63 00-0107	EA	5" x 16", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	942.81	22.19
33 05 63 00-0108	EA	10" x 12", 15" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	791.70	22.19
33 05 63 00-0109	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	555.39	73.92
33 05 63 00-0110	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	644.55	73.92
33 05 63 00-0111	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	194.77	22.19

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 05 63 00-0112	EA			12" x 12", 12" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	321.14	22.19
33 05 63 00-0113	EA			8" x 18", 7" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	540.47	22.19
33 05 63 00-0114	EA			8" x 18", 8" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	567.02	22.19
33 05 63 00-0115	EA			11" x 18", 12" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	426.15	49.28
33 05 63 00-0116	EA			11" x 18", 18" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	466.87	49.28
33 05 63 00-0117	EA			8" x 8", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	315.71	22.19
33 05 63 00-0118	EA			8" x 8", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	365.45	22.19
33 05 63 00-0119	EA			11" x 18", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	462.64	49.28
33 05 63 00-0120	EA			11" x 18", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	531.09	49.28
33 05 63 00-0121	EA			11" x 20", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	486.78	49.28
33 05 63 00-0122	EA			13" x 24", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	559.54	73.92
33 05 63 00-0123	EA			13" x 24", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	626.67	73.92
33 05 63 00-0124	EA			17" x 30", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	676.61	73.92
33 05 63 00-0125	EA			17" x 30", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	751.81	73.92
33 05 63 00-0126	EA			17" x 30", 22" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	901.76	73.92
33 05 63 00-0127	EA			17" x 30", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	992.73	73.92
33 05 63 00-0128	EA			17" x 30", 28" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,092.28	73.92
33 05 63 00-0129	EA			17" x 30", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,154.86	73.92
33 05 63 00-0130	EA			24" x 24", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,359.82	98.56
33 05 63 00-0131	EA			24" x 36", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,315.57	135.51
33 05 63 00-0132	EA			24" x 36", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,751.52	135.51
33 05 63 00-0133	EA			24" x 36", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,154.05	135.51
33 05 63 00-0134	EA			24" x 36", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,408.27	135.51
33 05 63 00-0135	EA			24" x 36", 42" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,661.13	135.51
33 05 63 00-0136	EA			36" x 36", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,921.76	238.13
33 05 63 00-0137	EA			30" x 48", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,030.58	238.13
33 05 63 00-0138	EA			30" x 48", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,353.45	238.13
33 05 63 00-0139	EA			30" x 48", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,970.85	238.13
33 05 63 00-0140	EA			30" x 60", 21" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,964.51	238.13
33 05 63 00-0141	EA			30" x 60", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,194.97	238.13
33 05 63 00-0142	EA			30" x 60", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,638.18	238.13
33 05 63 00-0143	EA			36" x 60", 19" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,292.54	255.14
33 05 63 00-0144	EA			36" x 60", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,605.47	255.14
33 05 63 00-0145	EA			36" x 60", 31" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,004.97	255.14
33 05 63 00-0146	EA			36" x 60", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,164.83	255.14
33 05 63 00-0147	EA			48" x 48", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,220.39	255.14
33 05 63 00-0148	EA			48" x 48", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,829.13	255.14
33 05 63 00-0149	EA			36" x 72", 21" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,646.94	255.14
33 05 63 00-0150	EA			36" x 72", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,929.59	255.14
33 05 63 00-0151	EA			48" x 72", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	5,571.07	272.14
33 05 63 00-0152	EA			48" x 72", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	6,966.64	272.14
33 05 63 00-0153	EA			48" x 96", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	9,046.47	272.14

33 05 63 00-0154 Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosures (33 05 63 00-0105)

33 05 63 00-0155	EA			13" x 24", 12" Depth, 5,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	786.89	73.92
33 05 63 00-0156	EA			17" x 30", 12" Depth, 5,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	919.17	73.92

33 Utilities**33 05 Common Work Results for Utilities****33 05 63 Concrete Vaults and Chambers**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 05 63 00-0157	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	353.31	22.19
33 05 63 00-0158	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	526.02	22.19
33 05 63 00-0159	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	716.94	22.19
33 05 63 00-0160	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	743.52	22.19
33 05 63 00-0161	EA	10" x 15", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	599.98	49.28
33 05 63 00-0162	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	628.32	49.28
33 05 63 00-0163	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	666.20	49.28
33 05 63 00-0164	EA	8" x 8", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	488.58	22.19
33 05 63 00-0165	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	583.66	22.19
33 05 63 00-0166	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	665.28	49.28
33 05 63 00-0167	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	733.74	49.28
33 05 63 00-0168	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	691.59	49.28
33 05 63 00-0169	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	785.61	73.92
33 05 63 00-0170	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	853.59	73.92
33 05 63 00-0171	EA	17" x 30", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	946.39	73.92
33 05 63 00-0172	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,021.11	73.92
33 05 63 00-0173	EA	17" x 30", 22" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,170.63	73.92
33 05 63 00-0174	EA	17" x 30", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,261.99	73.92
33 05 63 00-0175	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,361.10	73.92
33 05 63 00-0176	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,424.13	73.92
33 05 63 00-0177	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,731.79	98.56
33 05 63 00-0178	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,738.46	135.51
33 05 63 00-0179	EA	24" x 36", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	2,173.89	135.51
33 05 63 00-0180	EA	24" x 36", 30" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	2,575.99	135.51
33 05 63 00-0181	EA	24" x 36", 36" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	2,829.81	135.51
33 05 63 00-0182	EA	24" x 36", 42" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	3,083.51	135.51
33 05 63 00-0183	EA	30" x 48", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	2,520.06	238.13
33 05 63 00-0184	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	2,843.41	238.13
33 05 63 00-0185	EA	30" x 48", 36" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	3,460.33	238.13

33 05 63 00-0186 Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosures (33 05 63 00-0105)

33 05 63 00-0187	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	712.97	73.92
33 05 63 00-0188	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	848.92	73.92
33 05 63 00-0189	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	252.25	22.19
33 05 63 00-0190	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	437.29	22.19
33 05 63 00-0191	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	643.09	22.19
33 05 63 00-0192	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	670.16	22.19
33 05 63 00-0193	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	551.37	49.28
33 05 63 00-0194	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	630.16	49.28
33 05 63 00-0195	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	378.38	22.19
33 05 63 00-0196	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	590.08	49.28
33 05 63 00-0197	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	688.23	49.28
33 05 63 00-0198	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	615.59	49.28
33 05 63 00-0199	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	775.19	73.92
33 05 63 00-0200	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	909.39	73.92
33 05 63 00-0201	EA	17" x 30", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	954.01	73.92
33 05 63 00-0202	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,060.27	73.92

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 05 63 00-0203	EA	17" x 30", 22" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,158.02	73.92
33 05 63 00-0204	EA	17" x 30", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,250.30	73.92
33 05 63 00-0205	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,415.54	73.92
33 05 63 00-0206	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,438.58	73.92
33 05 63 00-0207	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,760.60	98.56
33 05 63 00-0208	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,775.82	135.51
33 05 63 00-0209	EA	24" x 36", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,256.71	135.51
33 05 63 00-0210	EA	24" x 36", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,732.30	135.51
33 05 63 00-0211	EA	24" x 36", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,048.18	135.51
33 05 63 00-0212	EA	24" x 36", 42" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,364.07	135.51
33 05 63 00-0213	EA	36" x 36", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,510.30	238.13
33 05 63 00-0214	EA	30" x 48", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,619.17	238.13
33 05 63 00-0215	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,967.22	238.13
33 05 63 00-0216	EA	30" x 48", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,584.18	238.13
33 05 63 00-0217	EA	30" x 60", 21" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,856.32	238.13
33 05 63 00-0218	EA	30" x 60", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,941.54	238.13
33 05 63 00-0219	EA	30" x 60", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,768.25	238.13
33 05 63 00-0220	EA	36" x 60", 19" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,374.38	255.14
33 05 63 00-0221	EA	36" x 60", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,536.07	255.14
33 05 63 00-0222	EA	36" x 60", 31" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,994.73	255.14
33 05 63 00-0223	EA	36" x 60", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	5,341.87	255.14
33 05 63 00-0224	EA	36" x 72", 21" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,877.86	255.14
33 05 63 00-0225	EA	36" x 72", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	6,119.37	255.14
33 05 63 00-0226	EA	48" x 48", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	5,264.40	255.14
33 05 63 00-0227	EA	48" x 48", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	5,821.44	255.14
33 05 63 00-0228	EA	48" x 72", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	7,103.31	272.14
33 05 63 00-0229	EA	48" x 72", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	8,499.45	272.14
33 05 63 00-0230	EA	48" x 96", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	11,597.70	272.14

33 05 63 00-0231 Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosures

33 05 63 00-0232	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	944.43	73.92
33 05 63 00-0233	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,124.05	73.92
33 05 63 00-0234	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	409.51	22.19
33 05 63 00-0235	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	641.78	22.19
33 05 63 00-0236	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	819.20	22.19
33 05 63 00-0237	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	846.62	22.19
33 05 63 00-0238	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	754.01	49.28
33 05 63 00-0239	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	832.32	49.28
33 05 63 00-0240	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	603.10	22.19
33 05 63 00-0241	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	791.81	49.28
33 05 63 00-0242	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	889.96	49.28
33 05 63 00-0243	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	762.55	49.28
33 05 63 00-0244	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,002.19	73.92
33 05 63 00-0245	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,136.38	73.92

33 Utilities**33 05 Common Work Results for Utilities****33 05 63 Concrete Vaults and Chambers**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 05 63 00-0246	EA	17" x 30", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,223.28	73.92
33 05 63 00-0247	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,329.57	73.92
33 05 63 00-0248	EA	17" x 30", 22" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,427.28	73.92
33 05 63 00-0249	EA	17" x 30", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,519.60	73.92
33 05 63 00-0250	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,684.89	73.92
33 05 63 00-0251	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,707.84	73.92
33 05 63 00-0252	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,132.09	98.56
33 05 63 00-0253	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,198.68	135.51
33 05 63 00-0254	EA	24" x 36", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,679.13	135.51
33 05 63 00-0255	EA	24" x 36", 30" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,154.19	135.51
33 05 63 00-0256	EA	24" x 36", 36" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,470.32	135.51
33 05 63 00-0257	EA	24" x 36", 42" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,786.44	135.51
33 05 63 00-0258	EA	30" x 48", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,109.08	238.13
33 05 63 00-0259	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,457.61	238.13
33 05 63 00-0260	EA	30" x 48", 36" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,074.13	238.13

33 05 63 00-0261 Footed, Straight Sides, Polymer Concrete Handhole Enclosures (33 05 63 00-0105)

33 05 63 00-0262	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	769.41	73.92
33 05 63 00-0263	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	520.71	49.28
33 05 63 00-0264	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	596.39	49.28
33 05 63 00-0265	EA	13" x 24", 12" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	671.18	73.92
33 05 63 00-0266	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	545.50	49.28
33 05 63 00-0267	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	617.98	49.28

33 05 63 00-0268 Polymer Concrete Handhole Enclosure Extensions (33 05 63 00-0069)

Note: Excludes bases See CSI section 33 05 63 00-0070 for bases.

33 05 63 00-0269	EA	13" x 24", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	530.28	73.92
33 05 63 00-0270	EA	17" x 30", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	609.15	73.92
33 05 63 00-0271	EA	24" x 24", 6" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	677.20	98.56
33 05 63 00-0272	EA	24" x 24", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	754.64	98.56
33 05 63 00-0273	EA	24" x 36", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	864.01	135.51
33 05 63 00-0274	EA	36" x 36", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	1,571.25	238.13
33 05 63 00-0275	EA	30" x 48", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	1,486.59	238.13
33 05 63 00-0276	EA	30" x 48", 11" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	1,505.07	238.13
33 05 63 00-0277	EA	36" x 60", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	2,122.88	255.14
33 05 63 00-0278	EA	48" x 72", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	3,555.66	272.14
33 05 63 00-0279	EA	48" x 96", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	4,785.43	272.14
33 05 63 00-0280	EA	13" x 24", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	944.11	73.92
33 05 63 00-0281	EA	17" x 30", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	992.29	73.92
33 05 63 00-0282	EA	24" x 24", 6" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	1,030.21	98.56
33 05 63 00-0283	EA	24" x 24", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	1,108.48	98.56
33 05 63 00-0284	EA	24" x 36", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	1,251.19	135.51
33 05 63 00-0285	EA	30" x 48", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	2,033.74	238.13
33 05 63 00-0286	EA	13" x 24", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	708.58	73.92
33 05 63 00-0287	EA	17" x 30", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	803.61	73.92
33 05 63 00-0288	EA	24" x 36", 4" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	1,000.36	135.51
33 05 63 00-0289	EA	36" x 60", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	2,032.23	255.14

33 05 63 00-0290 Polymer Concrete Handhole Enclosure Covers (33 05 63 00-0069)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 05 63 00-0291 Polymer Concrete Handhole Enclosure Covers (33 05 63 00-0290)		
33 05 63 00-0292	EA 5" x 16", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	215.37 9.87
33 05 63 00-0293	EA 10" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	218.41 9.87
33 05 63 00-0294	EA 12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	201.04 9.87
33 05 63 00-0295	EA 8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	219.01 9.87
33 05 63 00-0296	EA 11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	221.31 9.86
33 05 63 00-0297	EA 13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	256.68 9.86
33 05 63 00-0298	EA 17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	300.42 9.86
33 05 63 00-0299	EA 30" x 59", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	2,042.01 30.62
33 05 63 00-0300	EA 30" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	1,781.17 30.62
33 05 63 00-0301	EA 36" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	2,689.70 30.62
33 05 63 00-0302	EA 48" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	2,720.68 30.62
33 05 63 00-0303	EA 36" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	3,088.29 30.62
33 05 63 00-0304	EA 48" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	3,369.09 30.62
33 05 63 00-0305	EA 48" x 96", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	5,442.26 30.62
33 05 63 00-0306	EA 10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	181.76 9.86
33 05 63 00-0307	EA 11" x 18", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	268.57 9.86
33 05 63 00-0308	EA 11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	272.60 9.86
33 05 63 00-0309	EA 13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	347.84 9.86
33 05 63 00-0310	EA 13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover.....	257.79 9.86
33 05 63 00-0311	EA 17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	414.94 9.86
33 05 63 00-0312	EA 17" x 30", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover.....	321.74 9.86
33 05 63 00-0313	EA 27" Round, 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	680.09 9.86
33 05 63 00-0314	EA 24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	584.16 14.78
33 05 63 00-0315	EA 24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	739.27 14.78
33 05 63 00-0316	EA 39" Round, 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	956.29 17.25
33 05 63 00-0317	EA 36" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	1,348.73 23.81
33 05 63 00-0318	EA 30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	1,397.62 45.35
33 05 63 00-0319	EA 11" x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	352.35 9.86
33 05 63 00-0320	EA 13" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	510.41 9.86
33 05 63 00-0321	EA 17" x 30", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	583.38 9.86
33 05 63 00-0322	EA 27" Round, 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	982.52 9.86
33 05 63 00-0323	EA 24" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	797.39 14.78
33 05 63 00-0324	EA 39" Round, 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	1,362.42 17.25
33 05 63 00-0325	EA 36" x 36", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	1,788.67 23.81
33 05 63 00-0326	EA 30" x 59", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	2,415.97 30.62
33 05 63 00-0327	EA 30" x 60", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	2,142.67 30.62
33 05 63 00-0328	EA 36" x 60", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	3,011.74 30.62
33 05 63 00-0329	EA 48" x 48", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	3,936.00 30.62
33 05 63 00-0330	EA 36" x 72", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	3,767.40 30.62
33 05 63 00-0331	EA 48" x 72", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	5,743.25 30.62
33 05 63 00-0332	EA 48" x 96", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	8,896.90 30.62
33 05 63 00-0333	EA 11" x 18", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	469.46 9.86
33 05 63 00-0334	EA 11" x 20", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	515.12 9.86
33 05 63 00-0335	EA 13" x 24", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	684.24 9.86
33 05 63 00-0336	EA 17" x 30", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	782.39 9.86
33 05 63 00-0337	EA 27" Round, 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	1,366.06 9.86
33 05 63 00-0338	EA 24" x 24", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	978.12 14.78
33 05 63 00-0339	EA 24" x 36", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	1,347.65 14.78
33 05 63 00-0340	EA 39" Round, 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	2,100.32 17.25
33 05 63 00-0341	EA 36" x 36", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	2,401.08 23.81
33 05 63 00-0342	EA 30" x 48", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	2,494.11 45.35
33 05 63 00-0343	EA 30" x 60", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	2,886.48 30.62
33 05 63 00-0344	EA 36" x 60", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	4,048.44 30.62
33 05 63 00-0345	EA 48" x 48", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	5,682.78 30.62
33 05 63 00-0346	EA 36" x 72", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	5,065.98 30.62
33 05 63 00-0347	EA 48" x 72", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	8,426.43 30.62
33 05 63 00-0348	EA 48" x 96", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	13,031.98 30.62

33 05 63 00-0349 Polymer Concrete Handhole Enclosure Covers With Gaskets (33 05 63 00-0290)		
33 05 63 00-0350	EA 12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	250.14 9.87
33 05 63 00-0351	EA 8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	265.43 9.87
33 05 63 00-0352	EA 11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	270.41 9.86
33 05 63 00-0353	EA 13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	272.28 9.86
33 05 63 00-0354	EA 17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	317.11 9.86
33 05 63 00-0355	EA 10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	195.85 9.86
33 05 63 00-0356	EA 11" x 18", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	283.02 9.86
33 05 63 00-0357	EA 11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	285.81 9.86
33 05 63 00-0358	EA 13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	362.73 9.86
33 05 63 00-0359	EA 13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover With Gasket.....	274.00 9.86
33 05 63 00-0360	EA 17" x 30", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover With Gasket.....	338.86 9.86
33 05 63 00-0361	EA 17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	430.70 9.86
33 05 63 00-0362	EA 24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	594.74 14.78
33 05 63 00-0363	EA 24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	755.52 14.78
33 05 63 00-0364	EA 30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	1,414.30 45.35
33 05 63 00-0365	EA 6" x 8", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	160.01 9.87
33 05 63 00-0366	EA 8" x 8", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	260.64 9.87
33 05 63 00-0367	EA 8" x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	292.01 9.87
33 05 63 00-0368	EA 12" x 12", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	278.08 9.87
33 05 63 00-0369	EA 10" x 15", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	225.82 9.86
33 05 63 00-0370	EA 11" x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	366.76 9.86
33 05 63 00-0371	EA 11" x 20", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	399.33 9.86

33 Utilities
33 05 Common Work Results for Utilities
33 05 63 Concrete Vaults and Chambers



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 05 63 00-0372	EA	13" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	525.74	9.86
33 05 63 00-0373	EA	17" x 30", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	600.02	9.86
33 05 63 00-0374	EA	24" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	812.27	14.78
33 05 63 00-0375	EA	24" x 36", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	1,021.15	14.78
33 05 63 00-0376	EA	30" x 48", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	1,875.83	45.35

33 05 63 00-0377 Polymer Concrete Handhole Enclosure Covers Without Bolts (33 05 63 00-0290)

33 05 63 00-0378	EA	6" x 9", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	125.41	9.87
33 05 63 00-0379	EA	7" x 13", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	152.47	9.87
33 05 63 00-0380	EA	12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	188.91	9.87
33 05 63 00-0381	EA	8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	205.12	9.87
33 05 63 00-0382	EA	11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	204.67	9.86
33 05 63 00-0383	EA	13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	246.18	9.86
33 05 63 00-0384	EA	17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	286.97	9.86
33 05 63 00-0385	EA	24" x 36", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	712.69	14.78
33 05 63 00-0386	EA	30" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,336.87	45.35
33 05 63 00-0387	EA	30" x 59", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	2,019.22	30.62
33 05 63 00-0388	EA	30" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,755.42	30.62
33 05 63 00-0389	EA	48" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	2,647.35	30.62
33 05 63 00-0390	EA	36" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	2,553.04	30.62
33 05 63 00-0391	EA	36" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	3,063.70	30.62
33 05 63 00-0392	EA	48" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	3,278.25	30.62
33 05 63 00-0393	EA	48" x 96", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	5,267.67	30.62
33 05 63 00-0394	EA	10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	174.05	9.86
33 05 63 00-0395	EA	10" x 16", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	169.54	9.86
33 05 63 00-0396	EA	11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	258.83	9.86
33 05 63 00-0397	EA	11" x 21", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	286.17	9.86
33 05 63 00-0398	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	326.25	9.86
33 05 63 00-0399	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover Without Bolts	243.82	9.86
33 05 63 00-0400	EA	18" x 19", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	274.00	9.86
33 05 63 00-0401	EA	17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	396.02	9.86
33 05 63 00-0402	EA	24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	571.91	14.78
33 05 63 00-0403	EA	20" x 42", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	721.11	14.78
33 05 63 00-0404	EA	24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	712.25	14.78
33 05 63 00-0405	EA	36" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,293.33	23.81
33 05 63 00-0406	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,336.87	27.22

33 05 63 00-0407 Overlapping, Polymer Concrete Handhole Enclosure Covers (33 05 63 00-0290)

33 05 63 00-0408	EA	30" x 60", 5,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	2,104.20	30.62
33 05 63 00-0409	EA	36" x 60", 5,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	3,066.86	30.62
33 05 63 00-0410	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	1,763.23	45.35
33 05 63 00-0411	EA	30" x 48", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	2,350.90	45.35
33 05 63 00-0412	EA	30" x 60", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	2,508.41	30.62
33 05 63 00-0413	EA	36" x 60", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	3,434.91	30.62

33 05 63 00-0414 Split, Polymer Concrete Handhole Enclosure Covers (33 05 63 00-0290)

33 05 63 00-0415	EA	24" x 36", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover	812.55	14.78
33 05 63 00-0416	EA	36" x 36", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover	1,522.12	23.81
33 05 63 00-0417	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover	1,588.13	45.35
33 05 63 00-0418	EA	6" x 8", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	117.86	9.87
33 05 63 00-0419	EA	8" x 8", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	206.55	9.87
33 05 63 00-0420	EA	12" x 12", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	228.99	9.87
33 05 63 00-0421	EA	8" x 18", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	243.83	9.87
33 05 63 00-0422	EA	10" x 15", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	211.85	9.86
33 05 63 00-0423	EA	11" x 20", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	386.12	9.86
33 05 63 00-0424	EA	24" x 36", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	1,097.46	14.78
33 05 63 00-0425	EA	36" x 36", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	2,035.94	23.81
33 05 63 00-0426	EA	30" x 48", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	2,130.29	45.35

33 05 63 00-0427 Precast Concrete Handholes With Steel Cover (33 05 63 00-0068)

Note: 8000 To 12000 pound traffic rated top. Includes cover stamped with utility (Electrical, Sewer, Water, Etc.).				
33 05 63 00-0428	EA	12" x 12" x 12" Precast Concrete Handholes With Steel Cover	858.76	240.45
			Note: 8000 To 12000 pound traffic rated top.	
			For 15,000 to 22,500 Pound Traffic Rated Top, Add	18.00
33 05 63 00-0429	EA	12" x 24" x 21" Precast Concrete Handholes With Steel Cover	1,442.08	360.67
			Note: 8000 To 12000 pound traffic rated top.	
			For 15,000 to 22,500 Pound Traffic Rated Top, Add	106.47
33 05 63 00-0430	EA	18" x 30" x 18" Precast Concrete Handholes With Steel Cover	1,749.57	480.90
			Note: 8000 To 12000 pound traffic rated top.	
			For 15,000 to 22,500 Pound Traffic Rated Top, Add	186.30
33 05 63 00-0431	EA	24" x 24" x 24" Precast Concrete Handholes With Steel Cover	1,816.81	480.90
			Note: 8000 To 12000 pound traffic rated top.	
			For 15,000 to 22,500 Pound Traffic Rated Top, Add	235.27
33 05 63 00-0432	EA	24" x 24" x 30" Precast Concrete Handholes With Steel Cover	2,137.11	601.13
			Note: 8000 To 12000 pound traffic rated top.	
			For 15,000 to 22,500 Pound Traffic Rated Top, Add	283.17
33 05 63 00-0433	EA	30" x 36" x 30" Precast Concrete Handholes With Steel Cover	2,248.92	601.13
			Note: 8000 To 12000 pound traffic rated top.	
			For 15,000 to 22,500 Pound Traffic Rated Top, Add	311.61

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 05 63 00-0434	EA			36" x 36" x 48" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top. For 15,000 to 22,500 Pound Traffic Rated Top, Add	2,599.16 363.96	721.36
33 05 63 00-0435	EA			48" x 48" x 48" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top. For 15,000 to 22,500 Pound Traffic Rated Top, Add	2,984.82 509.66	841.58
33 05 63 00-0436	EA			48" x 72" x 36" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top. For 15,000 to 22,500 Pound Traffic Rated Top, Add	2,930.68 553.28	721.36
33 05 63 00-0437	EA			54" x 38" x 24" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top. For 15,000 to 22,500 Pound Traffic Rated Top, Add	2,959.20 383.08	721.36
33 05 63 00-0438	EA			6" Diameter Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top. For 15,000 to 22,500 Pound Traffic Rated Top, Add	676.23 15.00	240.45
33 05 63 00-0439	EA			9" Diameter Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top. For 15,000 to 22,500 Pound Traffic Rated Top, Add	796.41 15.00	270.51
33 05 63 00-0440	EA			12" Diameter Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top. For 15,000 to 22,500 Pound Traffic Rated Top, Add	976.61 15.00	300.56

33 05 81 Metallic Castings for Utility Structures (33 05)

33 05 81 00-0001				Manhole Accessories <small>(33 05 81)</small>		
33 05 81 00-0002				Steps For Cast-In-Place Manholes <small>(33 05 81 00-0001)</small> See CSI section 33 01 30 81-0037 for installation of steps in existing manholes.		
33 05 81 00-0003	EA			Cast Iron Manhole Step For New Manholes	112.09	
33 05 81 00-0004	EA			Galvanized Steel Manhole Step For New Manholes.....	65.05	
33 05 81 00-0005	EA			Aluminum Manhole Step For New Manholes.....	92.88	

33 05 81 00-0006 Manhole Covers And Frames (33 05 81)

Note: Includes moisture-tight masonry joints and waterproof grouting.

33 05 81 00-0007				Regular Manhole Covers And Frames <small>(33 05 81 00-0006)</small>		
33 05 81 00-0008	EA			18" Square, Gray Iron, Manhole Cover With Frame For Ductile Iron Castings, Add	2,269.56 1,401.94	88.24
33 05 81 00-0009	EA			18" Diameter, Gray Iron, Manhole Cover With Frame For Ductile Iron Castings, Add	1,238.93 680.50	88.24
33 05 81 00-0010	EA			24" Diameter, Gray Iron, Manhole Cover With Frame For Ductile Iron Castings, Add	1,431.84 786.79	102.62
33 05 81 00-0011	EA			24" Square, Gray Iron, Manhole Cover With Frame For Ductile Iron Castings, Add	2,294.99 1,367.07	113.90
33 05 81 00-0012	EA			26" Diameter, Gray Iron, Manhole Cover With Frame For Ductile Iron Castings, Add	1,920.19 1,084.52	123.13
33 05 81 00-0013	EA			30" Diameter, Gray Iron, Manhole Cover With Frame For Ductile Iron Castings, Add	2,003.93 1,133.41	128.26

33 05 81 00-0014 Watertight Type Manhole Covers And Frames (33 05 81 00-0006)

33 05 81 00-0015	EA			20" Diameter, Gray Iron, Watertight Manhole Cover With Frame For Ductile Iron Castings, Add	2,501.56 1,548.10	72.86
33 05 81 00-0016	EA			22" Diameter, Gray Iron, Watertight Manhole Cover With Frame For Ductile Iron Castings, Add	2,532.69 1,553.17	72.86
33 05 81 00-0017	EA			24" Diameter, Gray Iron, Watertight Manhole Cover With Frame For Ductile Iron Castings, Add	2,575.48 1,563.41	85.17
33 05 81 00-0018	EA			26" Diameter, Gray Iron, Watertight Manhole Cover With Frame For Ductile Iron Castings, Add	3,079.28 1,895.88	95.43
33 05 81 00-0019	EA			30" Diameter, Gray Iron, Watertight Manhole Cover With Frame For Ductile Iron Castings, Add	3,582.10 2,238.12	97.48
33 05 81 00-0020	EA			32" Diameter, Gray Iron, Watertight Manhole Cover With Frame For Ductile Iron Castings, Add	3,775.32 2,369.85	99.54
33 05 81 00-0021	EA			36" Diameter, Gray Iron, Watertight Manhole Cover With Frame For Ductile Iron Castings, Add	3,948.22 2,487.21	102.62

33 05 81 00-0022 Aluminum Manhole Covers And Frames (33 05 81 00-0006)

33 05 81 00-0023	EA			12" Square Aluminum Manhole Cover With Frame	1,158.70	29.28
33 05 81 00-0024	EA			18" Square Aluminum Manhole Cover With Frame	2,133.43	32.41
33 05 81 00-0025	EA			24" Square Aluminum Manhole Cover With Frame	3,066.58	37.64

33 05 81 00-0026 Removal And Reinstallation Of Manhole Cover And Frame (33 05 81 00-0006)

Note: Includes surrounding asphalt removal and repair. Excludes saw cutting.

33 05 81 00-0027	EA			Removal And Reinstallation Of Manhole Cover And Frame	411.42	
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33 05 83 Non-Metallic Accessories for Utility Structures (33 05)

33 05 83 00-0001				Manhole Accessories <small>(33 05 83)</small>		
33 05 83 00-0002				Steps For Cast-In-Place Manholes <small>(33 05 83 00-0001)</small> See CSI section 33 01 30 81-0037 for installation of steps in existing manholes.		
33 05 83 00-0003	EA			Polypropylene Manhole Step For New Manholes	49.50	

33 Utilities**33 05 Common Work Results for Utilities****33 05 83 Non-Metallic Accessories for Utility Structures**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 05 83 00-0004		Rainguard Inflow Protectors <small>(33 05 83)</small>			
33 05 83 00-0005	EA	18" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors.....	130.28		21.04
33 05 83 00-0006	EA	22" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors.....	152.90		21.04
33 05 83 00-0007	EA	24" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors.....	182.75		25.24
33 05 83 00-0008	EA	26" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors.....	197.05		25.24
33 05 83 00-0009	EA	30" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors.....	245.72		29.45
33 05 83 00-0010	EA	32" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors.....	263.28		29.45

33 05 84 Accessories for Utility Structures (33 05)

See CSI section 22 13 19 26-0044 for oil interceptors, 22 13 23 00-0000 for sediment interceptors, 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 05 84 00-0001		Manhole Accessories <small>(33 05 84)</small>			
33 05 84 00-0002 Precast Concrete Manhole Tops <small>(33 05 84 00-0001)</small>					
33 05 84 00-0003 Precast Concrete Manhole Slab Tops <small>(33 05 84 00-0002)</small>					
33 05 84 00-0004	EA	3' Diameter x 8" Thick Precast Manhole Top Slab.....	580.08		76.96
33 05 84 00-0005	EA	4' Diameter x 8" Thick Precast Manhole Top Slab.....	817.27		83.12
33 05 84 00-0006	EA	5' Diameter x 8" Thick Precast Manhole Top Slab.....	1,111.73		89.28
33 05 84 00-0007	EA	6' Diameter x 8" Thick Precast Manhole Top Slab.....	1,333.95		95.43

33 05 84 00-0008		Precast Concrete Manhole Cone Tops <small>(33 05 84 00-0002)</small>			
33 05 84 00-0009	EA	3' Diameter x 8" Thick Precast Manhole Top Cone.....	929.28		96.20
33 05 84 00-0010	EA	3'-6" Diameter x 8" Thick Precast Manhole Top Cone.....	1,035.40		100.05
33 05 84 00-0011	EA	4' Diameter x 8" Thick Precast Manhole Top Cone.....	1,141.56		103.90
33 05 84 00-0012	EA	5' Diameter x 8" Thick Precast Manhole Top Cone.....	1,348.67		110.31
33 05 84 00-0013	EA	6' Diameter x 8" Thick Precast Manhole Top Cone.....	1,560.97		118.00

33 05 84 00-0014		Precast Concrete Manhole Reducer Slabs <small>(33 05 84 00-0002)</small>			
33 05 84 00-0015	EA	5' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab.....	1,327.63		89.28
33 05 84 00-0016	EA	6' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab.....	1,723.70		95.43
33 05 84 00-0017	EA	7' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab.....	2,297.98		95.43
33 05 84 00-0018	EA	8' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab.....	3,677.82		95.43
33 05 84 00-0019	EA	10' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab.....	4,751.30		95.43
33 05 84 00-0020	EA	12' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab.....	6,912.98		95.43

33 05 84 00-0021		Pipe To Manhole Connector <small>(33 05 84 00-0001)</small>			
33 05 84 00-0022 Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connectors <small>(33 05 84 00-0021)</small>					
33 05 84 00-0023	EA	4" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	114.78		
33 05 84 00-0024	EA	6" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	180.88		
33 05 84 00-0025	EA	8" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	203.33		
33 05 84 00-0026	EA	10" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	326.08		
33 05 84 00-0027	EA	12" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	463.30		
33 05 84 00-0028	EA	15" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	606.14		
33 05 84 00-0029	EA	18" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	1,135.24		
33 05 84 00-0030	EA	21" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	1,587.03		
33 05 84 00-0031	EA	24" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	2,555.00		
33 05 84 00-0032	EA	27" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	2,992.69		

33 05 84 00-0033		Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout <small>(33 05 84 00-0021)</small>			
<small>Note: Femco CMA.</small>					
33 05 84 00-0034	EA	4" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout.....	107.59		
33 05 84 00-0035	EA	6" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout.....	149.73		
33 05 84 00-0036	EA	8" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout.....	189.29		
33 05 84 00-0037	EA	10" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout.....	228.64		
33 05 84 00-0038	EA	12" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout.....	265.18		

33 05 84 00-0039		Brick And Grout Pipe To Manhole Connector <small>(33 05 84 00-0021)</small>			
33 05 84 00-0040	EA	Seal Gap Between Pipe And Structure With Brick And Grout.....	274.38		

33 05 84 00-0041		Inverts For Manholes <small>(33 05 84 00-0001)</small>			
33 05 84 00-0042	EA	Single Channel Concrete Invert For Manholes.....	429.16		
33 05 84 00-0043	EA	Double Channel Concrete Invert For Manholes.....	618.53		
33 05 84 00-0044	EA	Triple Channel Concrete Invert For Manholes.....	833.18		
33 05 84 00-0045	EA	Quad Channel Concrete Invert For Manholes.....	1,047.77		
33 05 84 00-0046	EA	Single Channel Brick Invert For Manholes.....	608.13		
33 05 84 00-0047	EA	Double Channel Brick Invert For Manholes.....	910.61		
33 05 84 00-0048	EA	Triple Channel Brick Invert For Manholes.....	1,218.33		
33 05 84 00-0049	EA	Quad Channel Brick Invert For Manholes.....	1,522.34		

33 05 84 00-0050		Protective Coating For New Manholes <small>(33 05 84 00-0001)</small>			
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 84 00-0051 Polyurethane Protective Coating For New Manholes (33 05 84 00-0050)					
33 05 84 00-0052	VLF		60 Mil Polyurethane Coating Of 3' Diameter Manhole Interior	201.27	
			For 80 Mil Material, Add	30.36	
			For 100 Mil Material, Add	60.72	
			For 125 Mil Material, Add	96.00	
			For 150 Mil Material, Add	131.29	
			For 200 Mil Material, Add	194.75	
			For 2 To 5 Manholes, Deduct	-13.62	
			For 6 To 10 Manholes, Deduct	-22.20	
			For >10 Manholes, Deduct	-44.41	
33 05 84 00-0053	VLF		60 Mil Polyurethane Coating Of 3-1/2' Diameter Manhole Interior	242.78	
			For 80 Mil Material, Add	36.04	
			For 100 Mil Material, Add	72.07	
			For 125 Mil Material, Add	113.86	
			For 150 Mil Material, Add	155.65	
			For 200 Mil Material, Add	230.53	
			For 2 To 5 Manholes, Deduct	-16.48	
			For 6 To 10 Manholes, Deduct	-26.90	
			For >10 Manholes, Deduct	-53.79	
33 05 84 00-0054	VLF		60 Mil Polyurethane Coating Of 4' Diameter Manhole Interior	268.36	
			For 80 Mil Material, Add	40.48	
			For 100 Mil Material, Add	80.96	
			For 125 Mil Material, Add	128.01	
			For 150 Mil Material, Add	175.06	
			For 200 Mil Material, Add	259.67	
			For 2 To 5 Manholes, Deduct	-18.16	
			For 6 To 10 Manholes, Deduct	-29.61	
			For >10 Manholes, Deduct	-59.21	
33 05 84 00-0055	VLF		60 Mil Polyurethane Coating Of 5' Diameter Manhole Interior	335.51	
			For 80 Mil Material, Add	50.62	
			For 100 Mil Material, Add	101.24	
			For 125 Mil Material, Add	160.08	
			For 150 Mil Material, Add	218.91	
			For 200 Mil Material, Add	324.73	
			For 2 To 5 Manholes, Deduct	-22.70	
			For 6 To 10 Manholes, Deduct	-37.01	
			For >10 Manholes, Deduct	-74.02	
33 05 84 00-0056	VLF		60 Mil Polyurethane Coating Of 6' Diameter Manhole Interior	389.97	
			For 80 Mil Material, Add	59.80	
			For 100 Mil Material, Add	119.59	
			For 125 Mil Material, Add	189.24	
			For 150 Mil Material, Add	258.89	
			For 200 Mil Material, Add	384.60	
			For 2 To 5 Manholes, Deduct	-26.29	
			For 6 To 10 Manholes, Deduct	-42.83	
			For >10 Manholes, Deduct	-85.67	
33 05 84 00-0057 Polyvinyl Chloride (PVC) Liner (33 05 84 00-0050)					
Note: For new manholes and shop applied.					
33 05 84 00-0058	VLF		3' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	277.85	
33 05 84 00-0059	VLF		3-1/2' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	340.59	
33 05 84 00-0060	VLF		4' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	415.64	
33 05 84 00-0061	VLF		5' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	521.96	
33 05 84 00-0062	VLF		6' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	628.29	
33 05 84 00-0063	SF		Polyvinyl Chloride (PVC) Liner At Structures	73.84	
33 05 84 00-0064 Concrete Grade Extensions/Grade Rings (33 05 84 00-0001)					
33 05 84 00-0065 18" Diameter, Concrete Grade Extensions/Grade Rings (33 05 84 00-0064)					
33 05 84 00-0066	EA		4" Rise, 18" Diameter, Concrete Grade Extensions/Grade Rings	94.80	
33 05 84 00-0067	EA		6" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring	104.52	
33 05 84 00-0068	EA		8" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring	114.24	
33 05 84 00-0069	EA		10" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring	123.96	
33 05 84 00-0070 24" Diameter, Concrete Grade Extensions/Grade Rings (33 05 84 00-0064)					
33 05 84 00-0071	EA		4" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	106.56	
33 05 84 00-0072	EA		6" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	117.61	
33 05 84 00-0073	EA		8" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	128.66	
33 05 84 00-0074	EA		10" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	139.71	
33 05 84 00-0075 30" Diameter, Concrete Grade Extensions/Grade Rings (33 05 84 00-0064)					
33 05 84 00-0076	EA		4" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	118.04	
33 05 84 00-0077	EA		6" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	130.36	
33 05 84 00-0078	EA		8" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	142.68	
33 05 84 00-0079	EA		10" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	155.00	
33 05 84 00-0080 Bentonite Collar (33 05 84 00-0001)					
33 05 84 00-0081 Bentonite Collar At Manhole Connections (33 05 84 00-0080)					
33 05 84 00-0082	EA		Up To 12" Pipe, Bentonite Collar At Manhole Connection	147.21	
33 05 84 00-0083	EA		>12" To 21", Bentonite Collar At Manhole Connection	233.17	
33 05 84 00-0084	EA		>21" To 30" Pipe, Bentonite Collar At Manhole Connection	369.05	

33 Utilities**33 05 Common Work Results for Utilities****33 05 84 Accessories for Utility Structures**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 05 84 00-0085	EA	>30" To 36" Pipe, Bentonite Collar At Manhole Connection	862.16	
33 05 84 00-0086	EA	>36" To 48" Pipe, Bentonite Collar At Manhole Connection	1,348.57	
33 05 84 00-0087	EA	>48" To 60" Pipe, Bentonite Collar At Manhole Connection	2,450.08	

33 05 84 00-0088 Waste Water Collection System Taps (33 05 84)

Note: For tapping existing structures only. Includes grout.

33 05 84 00-0089 Brick Manhole Taps (33 05 84 00-0088)

33 05 84 00-0090	EA	4" Tap In 6" Brick Manhole	524.83	
33 05 84 00-0091	EA	6" Tap In 6" Brick Manhole	587.00	
33 05 84 00-0092	EA	8" Tap In 6" Brick Manhole	648.04	
33 05 84 00-0093	EA	10" Tap In 6" Brick Manhole	708.98	
33 05 84 00-0094	EA	12" Tap In 6" Brick Manhole	781.10	
33 05 84 00-0095	EA	15" Tap In 6" Brick Manhole	841.90	

33 05 84 00-0096 Precast Concrete Manhole Tap (33 05 84 00-0088)

33 05 84 00-0097	EA	4" Tap In Existing Precast Concrete Manhole.....	778.39	
33 05 84 00-0098	EA	6" Tap In Existing Precast Concrete Manhole.....	871.64	
33 05 84 00-0099	EA	8" Tap In Existing Precast Concrete Manhole.....	975.25	
33 05 84 00-0100	EA	10" Tap In Existing Precast Concrete Manhole.....	1,066.65	
33 05 84 00-0101	EA	12" Tap In Existing Precast Concrete Manhole.....	1,157.86	
33 05 84 00-0102	EA	15" Tap In Existing Precast Concrete Manhole.....	1,251.30	
33 05 84 00-0103	EA	18" Tap In Existing Precast Concrete Manhole.....	1,442.29	
33 05 84 00-0104	EA	24" Tap In Existing Precast Concrete Manhole.....	1,855.38	

33 05 97 Identification and Signage for Utilities (33 05)**33 05 97 23 Utility Identification Warning Tape** (33 05 97)**33 05 97 23-0001 Non-Detectable Utility Warning Tape** (33 05 97 23)

Note: Labor installation is included with pipe and excavation..

33 05 97 23-0002	CLF	3" Non-Detectable Utility Warning Tape	7.57	
33 05 97 23-0003	CLF	6" Non-Detectable Utility Warning Tape	10.77	

33 05 97 23-0004 Detectable Utility Warning Tape (33 05 97 23)

Note: Labor installation is included with pipe and excavation..

33 05 97 23-0005	CLF	2" Detectable Utility Warning Tape	7.72	
33 05 97 23-0006	CLF	3" Detectable Utility Warning Tape	10.62	
33 05 97 23-0007	CLF	6" Detectable Utility Warning Tape	17.18	

33 10 Water Utilities (33)**33 11 Groundwater Sources** (33 10)**33 11 13 Potable Water Supply Wells** (33 11)**33 11 13 00-0001 Submersible Well Pumps** (33 11 13)

Note: Includes pump end, motor and control box.

33 11 13 00-0002 4" Submersible Well Pumps (33 11 13 00-0001)**33 11 13 00-0003 Powder Coated Case And Cast Iron Ends** (33 11 13 00-0002)

33 11 13 00-0004	EA	1/2 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends	1,379.02	475.11
33 11 13 00-0005	EA	3/4 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends	1,571.80	526.60
33 11 13 00-0006	EA	1 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends	1,744.51	585.10

33 11 13 00-0007 Stainless Steel Case And Ends (33 11 13 00-0002)

33 11 13 00-0008	EA	1/2 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,551.90	468.09
33 11 13 00-0009	EA	3/4 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,769.57	526.60
33 11 13 00-0010	EA	1 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,983.70	585.10
33 11 13 00-0011	EA	1-1/2 HP Submersible Well Pump, 4" Diameter Stainless Steel	2,271.22	643.62
33 11 13 00-0012	EA	2 HP Submersible Well Pump, 4" Diameter Stainless Steel	2,569.41	702.13
33 11 13 00-0013	EA	3 HP Submersible Well Pump, 4" Diameter Stainless Steel	3,158.68	819.15
33 11 13 00-0014	EA	5 HP Submersible Well Pump, 4" Diameter Stainless Steel	3,969.38	936.17

33 11 13 00-0015 6" Submersible Well Pumps (33 11 13 00-0001)

33 11 13 00-0016	EA	5 HP Submersible Well Pump, 6" Diameter Stainless Steel	3,870.29	1,170.22
33 11 13 00-0017	EA	7.5 HP Submersible Well Pump, 6" Diameter Stainless Steel	4,460.74	1,287.23
33 11 13 00-0018	EA	10 HP Submersible Well Pump, 6" Diameter Stainless Steel	5,073.70	1,404.26
33 11 13 00-0019	EA	15 HP Submersible Well Pump, 6" Diameter Stainless Steel	6,156.74	1,638.30

33 14 Water Utility Transmission and Distribution (33 10)**33 14 11 Water Utility Transmission Piping** (33 14)

See CSI section 33 14 13 00-0000 for water utility transmission piping.

33 14 13 Public Water Utility Distribution Piping (33 14)

Note: Piping includes hydrostatic testing, disinfecting and warning tape. Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 14 13 13 Ductile Iron Public Water Utility Distribution Piping (33 14 13)

33 14 13 13-0001	Ductile Iron Piping (33 14 13 13)		
33 14 13 13-0002	Mechanical Joint Ductile Iron Piping (33 14 13 13-0001) Note: Cement lining and bituminous coating shall conform to ANSI A21.4. Fittings are C153. See CSI section 33 14 13 13-0355 for bolts and gaskets.		
33 14 13 13-0003	Mechanical Joint Ductile Iron Pipe (33 14 13 13-0002) Note: Conforming to ANSI/AWWA C151/A21.51, federal specification WW-P-421D.		
33 14 13 13-0004	LF 3", Class 51, Mechanical Joint Ductile Iron Pipe..... For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For 40 Mil Ceramic Epoxy Lining (P401), Add For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For >1,000, Deduct For Class 52, Add For Class 53, Add For Class 54, Add For Class 55, Add For Class 56, Add	41.75 15.88 2.27 12.25 4.08 1.70 -2.09 7.17 12.87 18.34 21.12 23.86	12.59
33 14 13 13-0005	LF 4", Class 50, Mechanical Joint Ductile Iron Pipe..... For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For 40 Mil Ceramic Epoxy Lining (P401), Add For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For >1,000, Deduct For Class 51, Add For Class 52, Add For Class 53, Add For Class 54, Add For Class 55, Add For Class 56, Add	45.24 17.45 2.49 13.46 4.49 1.87 -2.26 3.65 7.86 14.12 20.12 23.17 26.17	13.40
33 14 13 13-0006	LF 6", Class 50, Mechanical Joint Ductile Iron Pipe..... For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For 40 Mil Ceramic Epoxy Lining (P401), Add For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For >1,000, Deduct For Class 51, Add For Class 52, Add For Class 53, Add For Class 54, Add For Class 55, Add For Class 56, Add	48.33 18.94 2.71 14.61 4.87 2.03 -2.42 3.95 8.52 15.30 21.80 25.10 28.34	14.07
33 14 13 13-0007	LF 8", Class 50, Mechanical Joint Ductile Iron Pipe..... For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For 40 Mil Ceramic Epoxy Lining (P401), Add For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For >1,000, Deduct For Class 51, Add For Class 52, Add For Class 53, Add For Class 54, Add For Class 55, Add For Class 56, Add	56.76 24.23 3.46 18.69 6.23 2.60 -2.84 4.99 10.77 19.38 27.63 31.79 35.87	14.62
33 14 13 13-0008	LF 10", Class 50, Mechanical Joint Ductile Iron Pipe..... For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For 40 Mil Ceramic Epoxy Lining (P401), Add For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For >1,000, Deduct For Class 51, Add For Class 52, Add For Class 53, Add For Class 54, Add For Class 55, Add For Class 56, Add	76.45 27.02 4.50 22.52 8.11 3.38 -3.82 6.53 14.07 25.31 36.08 41.52 46.87	20.73

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13	13-0009	LF	12", Class 50, Mechanical Joint Ductile Iron Pipe.....	92.42	23.04
			For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	28.76	
			For Cement Mortar Lining (CML), Add	5.75	
			Note: ANSI/AWWA C104/A21.4		
			For 40 Mil Ceramic Epoxy Lining (P401), Add	23.00	
			For Fusion Bonded Epoxy Lining (206N), Add	10.35	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	4.31	
			Note: ANSI/AWWA C151/A21.51		
			For >1,000, Deduct	-4.62	
			For Class 51, Add	8.27	
			For Class 52, Add	17.84	
			For Class 53, Add	32.13	
			For Class 54, Add	45.82	
			For Class 55, Add	52.70	
			For Class 56, Add	59.47	
33 14 13	13-0010	LF	14", Class 50, Mechanical Joint Ductile Iron Pipe.....	110.59	25.87
			For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	31.38	
			For Cement Mortar Lining (CML), Add	7.13	
			Note: ANSI/AWWA C104/A21.4		
			For 40 Mil Ceramic Epoxy Lining (P401), Add	24.25	
			For Fusion Bonded Epoxy Lining (206N), Add	12.84	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	5.35	
			Note: ANSI/AWWA C151/A21.51		
			For >1,000, Deduct	-5.53	
			For Class 51, Add	10.21	
			For Class 52, Add	22.03	
			For Class 53, Add	39.69	
			For Class 54, Add	56.62	
			For Class 55, Add	65.11	
			For Class 56, Add	73.45	
33 14 13	13-0011	LF	16", Class 50, Mechanical Joint Ductile Iron Pipe.....	124.84	29.64
			For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	32.78	
			For Cement Mortar Lining (CML), Add	8.00	
			Note: ANSI/AWWA C104/A21.4		
			For 40 Mil Ceramic Epoxy Lining (P401), Add	24.79	
			For Fusion Bonded Epoxy Lining (206N), Add	14.39	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	6.00	
			Note: ANSI/AWWA C151/A21.51		
			For >1,000, Deduct	-6.24	
			For Class 51, Add	11.46	
			For Class 52, Add	24.72	
			For Class 53, Add	44.53	
			For Class 54, Add	63.53	
			For Class 55, Add	73.05	
			For Class 56, Add	82.41	
33 14 13	13-0012	LF	18", Class 50, Mechanical Joint Ductile Iron Pipe.....	154.91	34.55
			For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	42.04	
			For Cement Mortar Lining (CML), Add	10.25	
			Note: ANSI/AWWA C104/A21.4		
			For 40 Mil Ceramic Epoxy Lining (P401), Add	31.79	
			For Fusion Bonded Epoxy Lining (206N), Add	18.46	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	7.69	
			Note: ANSI/AWWA C151/A21.51		
			For >1,000, Deduct	-7.75	
			For Class 51, Add	14.63	
			For Class 52, Add	31.57	
			For Class 53, Add	56.92	
			For Class 54, Add	81.21	
			For Class 55, Add	93.35	
			For Class 56, Add	105.29	
33 14 13	13-0013	LF	20", Class 50, Mechanical Joint Ductile Iron Pipe.....	175.75	41.47
			For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	42.91	
			For Cement Mortar Lining (CML), Add	11.29	
			Note: ANSI/AWWA C104/A21.4		
			For 40 Mil Ceramic Epoxy Lining (P401), Add	31.62	
			For Fusion Bonded Epoxy Lining (206N), Add	20.33	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	8.47	
			Note: ANSI/AWWA C151/A21.51		
			For >1,000, Deduct	-8.79	
			For Class 51, Add	16.18	
			For Class 52, Add	34.89	
			For Class 53, Add	62.87	
			For Class 54, Add	89.68	
			For Class 55, Add	103.13	
			For Class 56, Add	116.33	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0014	LF			24", Class 50, Mechanical Joint Ductile Iron Pipe..... For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For 40 Mil Ceramic Epoxy Lining (P401), Add For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For >1,000, Deduct For Class 51, Add For Class 52, Add For Class 53, Add For Class 54, Add For Class 55, Add For Class 56, Add	230.10 46.98 15.16 31.83 27.28 11.37 -11.51 21.64 46.69 84.17 120.08 138.05 155.71	51.84
33 14 13 13-0015 Mechanical Joint Ductile Iron 90 Degree Elbow <small>(33 14 13 13-0002)</small>						
33 14 13 13-0016	EA			3" Mechanical Joint Ductile Iron 90 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	169.50 10.93 19.67 8.19	39.76
33 14 13 13-0017	EA			4" Mechanical Joint Ductile Iron 90 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	190.88 11.89 21.40 8.92	47.51
33 14 13 13-0018	EA			6" Mechanical Joint Ductile Iron 90 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	300.72 19.44 34.99 14.58	70.23
33 14 13 13-0019	EA			8" Mechanical Joint Ductile Iron 90 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	409.01 28.28 50.90 21.21	83.29
33 14 13 13-0020	EA			10" Mechanical Joint Ductile Iron 90 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	589.13 44.98 80.97 33.74	91.95
33 14 13 13-0021	EA			12" Mechanical Joint Ductile Iron 90 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	769.02 60.57 109.02 45.43	107.86
33 14 13 13-0022	EA			14" Mechanical Joint Ductile Iron 90 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,196.99 101.37 182.47 76.03	120.95
33 14 13 13-0023	EA			16" Mechanical Joint Ductile Iron 90 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,586.26 137.68 247.83 103.26	138.24
33 14 13 13-0024	EA			18" Mechanical Joint Ductile Iron 90 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,951.14 165.80 298.43 124.35	193.53
33 14 13 13-0025	EA			20" Mechanical Joint Ductile Iron 90 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,678.35 231.18 416.13 173.39	241.91

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 TOTAL DIRECT DEMOLITION
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33 14 13 13-0026	EA	24" Mechanical Joint Ductile Iron 90 Degree Elbow	3,939.03	322.12
		For Cement Mortar Lining (CML), Add	345.09	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	621.16	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	258.82	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0027		Mechanical Joint Ductile Iron 45 Degree Elbow (33 14 13 13-0002)		
33 14 13 13-0028	EA	3" Mechanical Joint Ductile Iron 45 Degree Elbow	158.25	39.76
		For Cement Mortar Lining (CML), Add	9.80	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	17.64	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	7.35	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0029	EA	4" Mechanical Joint Ductile Iron 45 Degree Elbow	169.99	47.51
		For Cement Mortar Lining (CML), Add	9.80	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	17.64	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	7.35	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0030	EA	6" Mechanical Joint Ductile Iron 45 Degree Elbow	263.77	70.23
		For Cement Mortar Lining (CML), Add	15.74	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	28.34	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	11.81	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0031	EA	8" Mechanical Joint Ductile Iron 45 Degree Elbow	356.00	83.29
		For Cement Mortar Lining (CML), Add	22.97	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	41.35	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	17.23	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0032	EA	10" Mechanical Joint Ductile Iron 45 Degree Elbow	475.06	91.95
		For Cement Mortar Lining (CML), Add	33.58	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	60.44	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	25.18	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0033	EA	12" Mechanical Joint Ductile Iron 45 Degree Elbow	664.60	107.86
		For Cement Mortar Lining (CML), Add	50.13	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	90.23	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	37.59	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0034	EA	14" Mechanical Joint Ductile Iron 45 Degree Elbow	972.07	120.95
		For Cement Mortar Lining (CML), Add	78.88	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	141.99	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	59.16	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0035	EA	16" Mechanical Joint Ductile Iron 45 Degree Elbow	1,192.65	138.24
		For Cement Mortar Lining (CML), Add	98.32	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	176.98	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	73.74	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0036	EA	18" Mechanical Joint Ductile Iron 45 Degree Elbow	1,703.73	193.53
		For Cement Mortar Lining (CML), Add	141.06	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	253.90	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	105.79	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0037	EA	20" Mechanical Joint Ductile Iron 45 Degree Elbow	1,873.46	241.91
		For Cement Mortar Lining (CML), Add	150.70	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	271.25	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	113.02	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0038	EA	24" Mechanical Joint Ductile Iron 45 Degree Elbow	2,777.49	322.12
		For Cement Mortar Lining (CML), Add	228.94	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	412.08	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	171.70	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0039		Mechanical Joint Ductile Iron 22-1/2 Degree Elbow (33 14 13 13-0002)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 14 13 13-0040	EA		3" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	137.36 7.71 13.88 5.78	39.76
33 14 13 13-0041	EA		4" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	165.17 9.32 16.77 6.99	47.51
33 14 13 13-0042	EA		6" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	250.92 14.46 26.03 10.84	70.23
33 14 13 13-0043	EA		8" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	351.18 22.49 40.49 16.87	83.29
33 14 13 13-0044	EA		10" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	473.45 33.42 60.15 25.06	91.95
33 14 13 13-0045	EA		12" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	601.94 43.86 78.95 32.89	107.86
33 14 13 13-0046	EA		14" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	981.71 79.85 143.72 59.88	120.95
33 14 13 13-0047	EA		16" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,152.49 94.31 169.75 70.73	138.24
33 14 13 13-0048	EA		18" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,451.50 115.83 208.50 86.87	193.53
33 14 13 13-0049	EA		20" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,940.94 157.44 283.40 118.08	241.91
33 14 13 13-0050	EA		24" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,600.77 211.26 380.27 158.45	322.12
33 14 13 13-0051			Mechanical Joint Ductile Iron 11-1/4 Degree Elbow <small>(33 14 13 13-0002)</small>		
33 14 13 13-0052	EA		3" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	137.36 7.71 13.88 5.78	39.76

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 14 13 13-0053	EA	4" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	160.35	47.51
		For Cement Mortar Lining (CML), Add	8.84	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	15.90	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	6.63	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0054	EA	6" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	255.74	70.23
		For Cement Mortar Lining (CML), Add	14.94	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	26.89	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	11.21	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0055	EA	8" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	330.29	83.29
		For Cement Mortar Lining (CML), Add	20.40	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	36.73	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	15.30	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0056	EA	10" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	470.24	91.95
		For Cement Mortar Lining (CML), Add	33.10	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	59.57	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	24.82	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0057	EA	12" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	574.63	107.86
		For Cement Mortar Lining (CML), Add	41.13	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	74.03	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	30.85	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0058	EA	14" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,094.17	120.95
		For Cement Mortar Lining (CML), Add	91.09	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	163.97	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	68.32	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0059	EA	16" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,207.11	138.24
		For Cement Mortar Lining (CML), Add	99.77	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	179.58	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	74.83	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0060	EA	18" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,756.75	193.53
		For Cement Mortar Lining (CML), Add	146.36	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	263.44	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	109.77	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0061	EA	20" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,849.36	241.91
		For Cement Mortar Lining (CML), Add	148.29	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	266.91	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	111.21	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0062	EA	24" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	2,465.82	322.12
		For Cement Mortar Lining (CML), Add	197.77	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	355.98	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	148.33	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0063		Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow		
		<small>(33 14 13 13-0002)</small>		
33 14 13 13-0064	EA	3" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	174.32	39.76
		For Cement Mortar Lining (CML), Add	11.41	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	20.53	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	8.56	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0065	EA	4" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	213.37	47.51
		For Cement Mortar Lining (CML), Add	14.14	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	25.45	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	10.60	
		Note: ANSI/AWWA C151/A21.51		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 14 13 13-0066	EA			6" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	340.89 23.46 42.22 17.59	70.23
33 14 13 13-0067	EA			8" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	462.03 33.58 60.44 25.18	83.29
33 14 13 13-0068	EA			10" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	666.24 52.70 94.85 39.52	91.95
33 14 13 13-0069	EA			12" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	852.56 68.92 124.06 51.69	107.86
33 14 13 13-0070	EA			14" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,465.28 128.20 230.77 96.15	120.95
33 14 13 13-0071	EA			16" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,240.13 203.07 365.52 152.30	138.24
33 14 13 13-0072	EA			18" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,600.19 230.70 415.26 173.03	193.53
33 14 13 13-0073	EA			20" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,533.04 316.65 569.98 237.49	241.91
33 14 13 13-0074	EA			24" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,292.47 380.43 684.78 285.32	322.12
33 14 13 13-0075				Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow <small>(33 14 13 13-0002)</small>		
33 14 13 13-0076	EA			3" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	159.86 9.96 17.93 7.47	39.76
33 14 13 13-0077	EA			4" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	174.81 10.28 18.51 7.71	47.51
33 14 13 13-0078	EA			6" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	281.45 17.51 31.52 13.13	70.23

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**
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33 14 13 13-0079	EA	8" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	407.41	83.29
		For Cement Mortar Lining (CML), Add	28.12	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	50.61	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	21.09	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0080	EA	10" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	557.00	91.95
		For Cement Mortar Lining (CML), Add	41.77	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	75.19	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	31.33	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0081	EA	12" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	757.78	107.86
		For Cement Mortar Lining (CML), Add	59.44	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	107.00	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	44.58	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0082	EA	14" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	1,296.60	120.95
		For Cement Mortar Lining (CML), Add	111.34	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	200.40	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	83.50	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0083	EA	16" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	1,975.05	138.24
		For Cement Mortar Lining (CML), Add	176.56	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	317.81	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	132.42	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0084	EA	18" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	2,331.89	193.53
		For Cement Mortar Lining (CML), Add	203.87	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	366.97	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	152.90	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0085	EA	20" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	3,028.58	241.91
		For Cement Mortar Lining (CML), Add	266.21	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	479.17	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	199.66	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0086	EA	24" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	3,805.69	322.12
		For Cement Mortar Lining (CML), Add	331.76	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	597.16	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	248.82	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0087		Mechanical Joint Ductile Iron Tee (33 14 13 13-0002)		
33 14 13 13-0088	EA	3" x 3" Mechanical Joint Ductile Iron Tee.....	276.74	59.66
		For Cement Mortar Lining (CML), Add	18.64	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	33.54	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	13.98	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0089	EA	4" x 3" Mechanical Joint Ductile Iron Tee.....	287.37	66.66
		For Cement Mortar Lining (CML), Add	18.64	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	33.54	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	13.98	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0090	EA	4" x 4" Mechanical Joint Ductile Iron Tee.....	262.17	70.23
		For Cement Mortar Lining (CML), Add	15.58	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	28.05	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	11.69	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0091	EA	6" x 3" Mechanical Joint Ductile Iron Tee.....	349.30	88.46
		For Cement Mortar Lining (CML), Add	21.53	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	38.75	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	16.15	
		Note: ANSI/AWWA C151/A21.51		

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33 14 13 13-0092	EA			6" x 4" Mechanical Joint Ductile Iron Tee For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	401.42 26.19 47.14 19.64	92.10
33 14 13 13-0093	EA			6" x 6" Mechanical Joint Ductile Iron Tee For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	437.31 28.12 50.61 21.09	103.12
33 14 13 13-0094	EA			8" x 4" Mechanical Joint Ductile Iron Tee For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	465.36 30.36 54.66 22.77	106.74
33 14 13 13-0095	EA			8" x 6" Mechanical Joint Ductile Iron Tee For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	528.57 35.02 63.04 26.27	117.71
33 14 13 13-0096	EA			8" x 8" Mechanical Joint Ductile Iron Tee For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	611.95 42.25 76.06 31.69	125.05
33 14 13 13-0097	EA			10" x 4" Mechanical Joint Ductile Iron Tee For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	639.04 46.59 83.86 34.94	114.27
33 14 13 13-0098	EA			10" x 6" Mechanical Joint Ductile Iron Tee For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	640.28 45.14 81.26 33.86	124.64
33 14 13 13-0099	EA			10" x 8" Mechanical Joint Ductile Iron Tee For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	727.89 52.86 95.14 39.64	131.55
33 14 13 13-0100	EA			10" x 10" Mechanical Joint Ductile Iron Tee For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	813.51 60.41 108.73 45.31	138.24
33 14 13 13-0101	EA			12" x 4" Mechanical Joint Ductile Iron Tee For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	764.41 57.03 102.66 42.77	128.10
33 14 13 13-0102	EA			12" x 6" Mechanical Joint Ductile Iron Tee For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	868.47 65.87 118.56 49.40	138.45
33 14 13 13-0103	EA			12" x 8" Mechanical Joint Ductile Iron Tee For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,066.93 84.67 152.40 63.50	145.37
33 14 13 13-0104	EA			12" x 10" Mechanical Joint Ductile Iron Tee For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,142.91 91.25 164.26 68.44	152.06

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33 14 13 13-0105	EA	12" x 12" Mechanical Joint Ductile Iron Tee.....	1,084.29	158.97
		For Cement Mortar Lining (CML), Add	84.34	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	151.82	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	63.26	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0106	EA	14" x 6" Mechanical Joint Ductile Iron Tee.....	1,156.97	161.33
		For Cement Mortar Lining (CML), Add	91.25	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	164.26	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	68.44	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0107	EA	14" x 8" Mechanical Joint Ductile Iron Tee.....	1,287.95	168.26
		For Cement Mortar Lining (CML), Add	103.30	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	185.94	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	77.48	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0108	EA	14" x 10" Mechanical Joint Ductile Iron Tee.....	1,645.08	174.93
		For Cement Mortar Lining (CML), Add	138.00	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	248.41	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	103.50	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0109	EA	14" x 12" Mechanical Joint Ductile Iron Tee.....	1,758.37	181.84
		For Cement Mortar Lining (CML), Add	148.29	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	266.91	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	111.21	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0110	EA	14" x 14" Mechanical Joint Ductile Iron Tee.....	1,696.98	193.31
		For Cement Mortar Lining (CML), Add	140.41	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	252.74	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	105.31	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0111	EA	16" x 6" Mechanical Joint Ductile Iron Tee.....	1,470.73	193.51
		For Cement Mortar Lining (CML), Add	117.76	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	211.97	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	88.32	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0112	EA	16" x 8" Mechanical Joint Ductile Iron Tee.....	1,582.52	200.44
		For Cement Mortar Lining (CML), Add	127.88	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	230.19	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	95.91	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0113	EA	16" x 10" Mechanical Joint Ductile Iron Tee.....	1,843.26	207.11
		For Cement Mortar Lining (CML), Add	152.95	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	275.30	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	114.71	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0114	EA	16" x 12" Mechanical Joint Ductile Iron Tee.....	2,017.59	214.02
		For Cement Mortar Lining (CML), Add	169.33	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	304.80	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	127.00	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0115	EA	16" x 14" Mechanical Joint Ductile Iron Tee.....	2,428.54	225.47
		For Cement Mortar Lining (CML), Add	208.69	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	375.65	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	156.52	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0116	EA	16" x 16" Mechanical Joint Ductile Iron Tee.....	2,295.47	241.60
		For Cement Mortar Lining (CML), Add	192.95	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	347.31	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	144.71	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0117	EA	18" x 6" Mechanical Joint Ductile Iron Tee.....	2,042.87	247.66
		For Cement Mortar Lining (CML), Add	166.76	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	300.17	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	125.07	
		Note: ANSI/AWWA C151/A21.51		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0118	EA			18" x 8" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,191.51 180.58 325.04 135.43	254.59
33 14 13 13-0119	EA			18" x 10" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,371.93 197.61 355.69 148.21	261.26
33 14 13 13-0120	EA			18" x 12" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,551.08 214.48 386.06 160.86	268.17
33 14 13 13-0121	EA			18" x 14" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,624.65 220.10 396.18 165.07	279.61
33 14 13 13-0122	EA			18" x 16" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,801.64 235.36 423.65 176.52	295.71
33 14 13 13-0123	EA			18" x 18" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,281.25 279.22 502.60 209.42	322.76
33 14 13 13-0124	EA			20" x 6" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,414.58 187.65 337.76 140.73	355.16
33 14 13 13-0125	EA			20" x 8" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,466.83 191.82 345.28 143.87	362.08
33 14 13 13-0126	EA			20" x 10" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,687.41 212.87 383.16 159.65	368.75
33 14 13 13-0127	EA			20" x 12" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,906.72 233.75 420.76 175.32	375.66
33 14 13 13-0128	EA			20" x 14" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,941.74 235.52 423.94 176.64	387.10
33 14 13 13-0129	EA			20" x 16" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,985.40 237.45 427.41 178.09	403.19
33 14 13 13-0130	EA			20" x 18" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,752.58 310.07 558.12 232.55	430.27

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**
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33 14 13 13-0131	EA	20" x 20" Mechanical Joint Ductile Iron Tee.....	3,307.06	484.02
		<i>For Cement Mortar Lining (CML), Add</i>	257.37	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	463.27	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	193.03	
		<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0132	EA	24" x 6" Mechanical Joint Ductile Iron Tee.....	2,957.70	462.32
		<i>For Cement Mortar Lining (CML), Add</i>	225.72	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	406.30	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	169.29	
		<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0133	EA	24" x 8" Mechanical Joint Ductile Iron Tee.....	2,997.10	469.89
		<i>For Cement Mortar Lining (CML), Add</i>	228.61	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	411.50	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	171.46	
		<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0134	EA	24" x 10" Mechanical Joint Ductile Iron Tee.....	3,302.82	475.91
		<i>For Cement Mortar Lining (CML), Add</i>	258.17	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	464.71	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	193.63	
		<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0135	EA	24" x 12" Mechanical Joint Ductile Iron Tee.....	3,385.58	482.82
		<i>For Cement Mortar Lining (CML), Add</i>	265.40	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	477.73	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	199.05	
		<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0136	EA	24" x 14" Mechanical Joint Ductile Iron Tee.....	3,810.98	494.26
		<i>For Cement Mortar Lining (CML), Add</i>	306.21	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	551.18	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	229.66	
		<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0137	EA	24" x 16" Mechanical Joint Ductile Iron Tee.....	4,116.51	510.34
		<i>For Cement Mortar Lining (CML), Add</i>	334.33	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	601.79	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	250.74	
		<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0138	EA	24" x 18" Mechanical Joint Ductile Iron Tee.....	4,678.06	537.43
		<i>For Cement Mortar Lining (CML), Add</i>	386.38	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	695.48	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	289.78	
		<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0139	EA	24" x 20" Mechanical Joint Ductile Iron Tee.....	5,185.23	591.17
		<i>For Cement Mortar Lining (CML), Add</i>	428.95	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	772.11	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	321.71	
		<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0140	EA	24" x 24" Mechanical Joint Ductile Iron Tee.....	4,797.29	644.78
		<i>For Cement Mortar Lining (CML), Add</i>	382.04	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	687.67	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	286.53	
		<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0141		Mechanical Joint Ductile Iron Wye (Laterals) <small>(33 14 13 13-0002)</small>		
33 14 13 13-0142	EA	4" x 3" Mechanical Joint Ductile Iron Wye (Lateral).....	237.57	66.66
		<i>For Cement Mortar Lining (CML), Add</i>	13.66	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	24.58	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	10.24	
		<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0143	EA	4" x 4" Mechanical Joint Ductile Iron Wye (Lateral).....	361.77	70.18
		<i>For Cement Mortar Lining (CML), Add</i>	25.54	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	45.98	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	19.16	
		<i>Note: ANSI/AWWA C151/A21.51</i>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13	13-0144	EA	6" x 3" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	349.30 21.53 38.75 16.15	88.46
33 14 13	13-0145	EA	6" x 4" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	403.03 26.35 47.43 19.76	92.10
33 14 13	13-0146	EA	6" x 6" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	541.73 38.56 69.40 28.92	103.06
33 14 13	13-0147	EA	8" x 4" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	693.49 53.18 95.72 39.88	106.74
33 14 13	13-0148	EA	8" x 6" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	623.36 44.50 80.10 33.38	117.71
33 14 13	13-0149	EA	8" x 8" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	751.72 56.23 101.21 42.17	125.01
33 14 13	13-0150	EA	10" x 4" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,067.99 89.49 161.07 67.11	114.27
33 14 13	13-0151	EA	10" x 6" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,130.28 94.14 169.46 70.61	124.64
33 14 13	13-0152	EA	10" x 8" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,298.22 109.89 197.80 82.42	131.55
33 14 13	13-0153	EA	10" x 10" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,460.95 125.15 225.27 93.86	138.24
33 14 13	13-0154	EA	12" x 4" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,362.05 116.80 210.23 87.60	128.10
33 14 13	13-0155	EA	12" x 6" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,540.01 133.02 239.44 99.77	138.45
33 14 13	13-0156	EA	12" x 8" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,854.14 163.39 294.10 122.54	145.37

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**
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33 14 13 13-0157	EA	12" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	1,907.63	152.06
		For Cement Mortar Lining (CML), Add	167.73	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	301.91	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	125.79	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0158	EA	12" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	1,730.13	158.96
		For Cement Mortar Lining (CML), Add	148.93	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	268.07	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	111.70	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0159	EA	14" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	2,037.36	161.33
		For Cement Mortar Lining (CML), Add	179.29	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	322.73	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	134.47	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0160	EA	14" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	2,330.61	168.26
		For Cement Mortar Lining (CML), Add	207.57	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	373.62	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	155.68	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0161	EA	14" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	3,039.57	174.93
		For Cement Mortar Lining (CML), Add	277.45	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	499.42	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	208.09	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0162	EA	14" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	3,255.69	181.84
		For Cement Mortar Lining (CML), Add	298.02	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	536.43	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	223.51	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0163	EA	14" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	3,183.05	193.28
		For Cement Mortar Lining (CML), Add	289.02	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	520.24	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	216.77	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0164	EA	16" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	2,095.77	193.51
		For Cement Mortar Lining (CML), Add	180.26	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	324.46	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	135.19	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0165	EA	16" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	2,305.47	200.44
		For Cement Mortar Lining (CML), Add	200.18	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	360.32	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	150.13	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0166	EA	16" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	2,715.62	207.11
		For Cement Mortar Lining (CML), Add	240.18	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	432.33	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	180.14	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0167	EA	16" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	3,036.15	214.02
		For Cement Mortar Lining (CML), Add	271.19	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	488.14	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	203.39	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0168	EA	16" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	3,795.72	225.47
		For Cement Mortar Lining (CML), Add	345.41	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	621.74	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	259.06	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0169	EA	16" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	3,662.65	241.56
		For Cement Mortar Lining (CML), Add	329.67	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	593.40	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	247.25	
		Note: ANSI/AWWA C151/A21.51		

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33 14 13 13-0170	EA		18" x 6" Mechanical Joint Ductile Iron Wye (Lateral) <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,294.38 291.91 525.44 218.93	247.66
33 14 13 13-0171	EA		18" x 8" Mechanical Joint Ductile Iron Wye (Lateral) <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,545.84 316.01 568.82 237.01	254.59
33 14 13 13-0172	EA		18" x 10" Mechanical Joint Ductile Iron Wye (Lateral) <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,788.91 339.31 610.75 254.48	261.26
33 14 13 13-0173	EA		18" x 12" Mechanical Joint Ductile Iron Wye (Lateral) <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	4,053.21 364.69 656.44 273.52	268.17
33 14 13 13-0174	EA		18" x 14" Mechanical Joint Ductile Iron Wye (Lateral) <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	4,099.47 367.58 661.65 275.69	279.61
33 14 13 13-0175	EA		18" x 16" Mechanical Joint Ductile Iron Wye (Lateral) <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	4,143.12 369.51 665.12 277.13	295.71
33 14 13 13-0176	EA		18" x 18" Mechanical Joint Ductile Iron Wye (Lateral) <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,795.35 330.63 595.13 247.97	322.78
33 14 13 13-0177	EA		20" x 6" Mechanical Joint Ductile Iron Wye (Lateral) <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,915.11 337.70 607.86 253.27	355.16
33 14 13 13-0178	EA		20" x 8" Mechanical Joint Ductile Iron Wye (Lateral) <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	4,001.10 345.25 621.45 258.94	362.08
33 14 13 13-0179	EA		20" x 10" Mechanical Joint Ductile Iron Wye (Lateral) <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	4,390.37 383.17 689.70 287.37	368.75
33 14 13 13-0180	EA		20" x 12" Mechanical Joint Ductile Iron Wye (Lateral) <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	4,776.76 420.76 757.36 315.57	375.66
33 14 13 13-0181	EA		20" x 14" Mechanical Joint Ductile Iron Wye (Lateral) <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	4,826.23 423.97 763.15 317.98	387.10
33 14 13 13-0182	EA		20" x 16" Mechanical Joint Ductile Iron Wye (Lateral) <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	4,884.35 427.35 769.22 320.51	403.19

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33 14 13 13-0183	EA	20" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	5,654.75	430.27
		For Cement Mortar Lining (CML), Add	500.28	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	900.51	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	375.21	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0184	EA	20" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	5,366.67	484.00
		For Cement Mortar Lining (CML), Add	463.33	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	834.00	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	347.50	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0185	EA	24" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	4,763.47	462.32
		For Cement Mortar Lining (CML), Add	406.30	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	731.34	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	304.72	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0186	EA	24" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	4,825.37	469.23
		For Cement Mortar Lining (CML), Add	411.44	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	740.59	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	308.58	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0187	EA	24" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	5,367.25	475.91
		For Cement Mortar Lining (CML), Add	464.62	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	836.31	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	348.46	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0188	EA	24" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	5,615.48	482.82
		For Cement Mortar Lining (CML), Add	488.39	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	879.11	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	366.30	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0189	EA	24" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	6,474.66	494.26
		For Cement Mortar Lining (CML), Add	572.58	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	1,030.64	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	429.43	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0190	EA	24" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	7,188.25	510.34
		For Cement Mortar Lining (CML), Add	641.50	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	1,154.70	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	481.12	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0191	EA	24" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	8,038.98	537.43
		For Cement Mortar Lining (CML), Add	722.47	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	1,300.45	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	541.85	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0192	EA	24" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	8,832.12	591.17
		For Cement Mortar Lining (CML), Add	793.64	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	1,428.55	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	595.23	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0193	EA	24" x 24" Mechanical Joint Ductile Iron Wye (Lateral)	7,852.98	644.75
		For Cement Mortar Lining (CML), Add	687.61	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	1,237.69	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	515.71	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0194		Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee <small>(33 14 13 13-0002)</small>		
33 14 13 13-0195	EA	6" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	480.69	103.12
		For Cement Mortar Lining (CML), Add	32.45	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	58.42	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	24.34	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	24.34	

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33 14 13 13-0196 EA 8" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	570.34	117.71
For Cement Mortar Lining (CML), Add	39.20	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	70.56	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	29.40	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	29.40	
33 14 13 13-0197 EA 10" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	857.17	124.64
For Cement Mortar Lining (CML), Add	66.83	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	120.30	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	50.12	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	50.12	
33 14 13 13-0198 EA 12" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	963.26	138.45
For Cement Mortar Lining (CML), Add	75.35	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	135.63	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	56.51	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	56.51	
33 14 13 13-0199 EA 14" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	1,311.20	161.33
For Cement Mortar Lining (CML), Add	106.68	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	192.02	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	80.01	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	80.01	
33 14 13 13-0200 EA 16" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	1,673.25	193.51
For Cement Mortar Lining (CML), Add	138.00	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	248.41	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	103.50	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	103.50	
33 14 13 13-0201 EA 18" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	2,055.72	247.66
For Cement Mortar Lining (CML), Add	168.05	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	302.48	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	126.03	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	126.03	
33 14 13 13-0202 EA 20" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	2,882.09	355.16
For Cement Mortar Lining (CML), Add	234.40	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	421.91	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	175.80	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	175.80	
33 14 13 13-0203 EA 24" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	3,353.14	462.32
For Cement Mortar Lining (CML), Add	268.62	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	483.51	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	201.46	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	201.46	
33 14 13 13-0204 EA 30" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	6,520.75	538.46
For Cement Mortar Lining (CML), Add	570.49	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	1,026.88	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	427.87	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	427.87	
33 14 13 13-0205 Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee (33 14 13 13-0002)		
33 14 13 13-0206 EA 6" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	432.49	103.12
Note: Includes swivel gland.		
For Cement Mortar Lining (CML), Add	27.63	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	49.74	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	20.72	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	20.72	

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33 14 13 13-0207	EA	8" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	506.08	117.71
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	32.77	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	58.99	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	24.58	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	24.58	
33 14 13 13-0208	EA	10" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	715.79	124.64
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	52.70	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	94.85	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	39.52	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	39.52	
33 14 13 13-0209	EA	12" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	884.54	138.45
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	67.48	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	121.46	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	50.61	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	50.61	
33 14 13 13-0210	EA	14" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	1,111.98	161.33
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	86.75	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	156.16	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	65.07	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	65.07	
33 14 13 13-0211	EA	16" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	1,403.34	193.51
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	111.01	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	199.82	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	83.26	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	83.26	
33 14 13 13-0212	EA	18" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	1,813.13	247.66
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	143.79	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	258.82	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	107.84	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	107.84	
33 14 13 13-0213	EA	20" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	1,987.24	355.16
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	144.91	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	260.84	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	108.68	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	108.68	
33 14 13 13-0214	EA	24" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	2,753.89	462.32
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	208.69	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	375.65	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	156.52	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	156.52	
33 14 13 13-0215		Mechanical Joint Ductile Iron Cross (33 14 13 13-0002)		
33 14 13 13-0216	EA	3" x 3" Mechanical Joint Ductile Iron Cross	327.75	79.54
		For Cement Mortar Lining (CML), Add	20.73	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	37.31	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	15.54	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0217	EA	4" x 3" Mechanical Joint Ductile Iron Cross	396.22	86.54
		For Cement Mortar Lining (CML), Add	26.51	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	47.71	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	19.88	
		Note: ANSI/AWWA C151/A21.51		

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33 14 13 13-0218	EA			4" x 4" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	468.69 33.58 60.44 25.18	87.72
33 14 13 13-0219	EA			6" x 3" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	559.58 39.52 71.14 29.64	108.43
33 14 13 13-0220	EA			6" x 4" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	543.51 36.63 65.93 27.47	116.96
33 14 13 13-0221	EA			6" x 6" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	632.80 41.13 74.03 30.85	146.20
33 14 13 13-0222	EA			8" x 4" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	558.54 36.47 65.64 27.35	127.93
33 14 13 13-0223	EA			8" x 6" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	663.88 42.57 76.63 31.93	157.18
33 14 13 13-0224	EA			8" x 8" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	703.01 44.82 80.68 33.62	168.13
33 14 13 13-0225	EA			10" x 4" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	678.03 47.55 85.60 35.67	133.65
33 14 13 13-0226	EA			10" x 6" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	777.76 53.34 96.01 40.00	161.29
33 14 13 13-0227	EA			10" x 8" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	922.00 66.19 119.14 49.64	171.67
33 14 13 13-0228	EA			10" x 10" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	997.44 71.81 129.26 53.86	184.31
33 14 13 13-0229	EA			12 x 4" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	820.77 60.09 108.15 45.06	145.15
33 14 13 13-0230	EA			12" x 6" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	954.24 69.24 124.64 51.93	172.79

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33 14 13 13-0231	EA	12" x 8" Mechanical Joint Ductile Iron Cross	1,369.99	183.17
		For Cement Mortar Lining (CML), Add	109.25	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	196.64	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	81.93	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0232	EA	12" x 10" Mechanical Joint Ductile Iron Cross	1,389.20	195.85
		For Cement Mortar Lining (CML), Add	109.25	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	196.64	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	81.93	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0233	EA	12" x 12" Mechanical Joint Ductile Iron Cross	1,575.31	207.35
		For Cement Mortar Lining (CML), Add	126.12	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	227.01	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	94.59	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0234	EA	14" x 6" Mechanical Joint Ductile Iron Cross	1,611.79	190.06
		For Cement Mortar Lining (CML), Add	132.38	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	238.29	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	99.29	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0235	EA	14" x 8" Mechanical Joint Ductile Iron Cross	1,894.19	200.44
		For Cement Mortar Lining (CML), Add	159.05	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	286.29	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	119.29	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0236	EA	14" x 10" Mechanical Joint Ductile Iron Cross	1,945.54	213.12
		For Cement Mortar Lining (CML), Add	162.26	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	292.07	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	121.70	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0237	EA	14" x 12" Mechanical Joint Ductile Iron Cross	2,052.93	224.62
		For Cement Mortar Lining (CML), Add	171.26	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	308.27	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	128.44	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0238	EA	14" x 14" Mechanical Joint Ductile Iron Cross	2,270.28	241.91
		For Cement Mortar Lining (CML), Add	190.38	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	342.68	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	142.78	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0239	EA	16" x 6" Mechanical Joint Ductile Iron Cross	1,842.81	214.25
		For Cement Mortar Lining (CML), Add	151.82	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	273.28	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	113.87	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0240	EA	16" x 8" Mechanical Joint Ductile Iron Cross	2,094.68	224.62
		For Cement Mortar Lining (CML), Add	175.44	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	315.78	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	131.58	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0241	EA	16" x 10" Mechanical Joint Ductile Iron Cross	2,503.63	237.29
		For Cement Mortar Lining (CML), Add	214.41	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	385.94	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	160.81	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0242	EA	16" x 12" Mechanical Joint Ductile Iron Cross	2,788.42	248.80
		For Cement Mortar Lining (CML), Add	241.15	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	434.06	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	180.86	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0243	EA	16" x 14" Mechanical Joint Ductile Iron Cross	3,364.04	266.07
		For Cement Mortar Lining (CML), Add	296.09	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	532.96	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	222.07	
		Note: ANSI/AWWA C151/A21.51		

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33 14 13 13-0244	EA			16" x 16" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,935.63 349.59 629.26 262.19	290.29
33 14 13 13-0245	EA			18" x 6" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,036.26 265.24 477.44 198.93	253.34
33 14 13 13-0246	EA			18" x 8" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,209.43 280.99 505.78 210.74	263.71
33 14 13 13-0247	EA			18" x 10" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,360.37 294.16 529.49 220.62	276.39
33 14 13 13-0248	EA			18" x 12" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,641.28 320.51 576.92 240.38	287.89
33 14 13 13-0249	EA			18" x 14" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,244.20 378.18 680.73 283.64	305.16
33 14 13 13-0250	EA			18" x 16" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,518.60 401.96 723.53 301.47	329.33
33 14 13 13-0251	EA			18" x 18" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,735.29 417.71 751.87 313.28	368.41
33 14 13 13-0252	EA			20" x 6" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,816.83 333.52 600.34 250.14	317.85
33 14 13 13-0253	EA			20" x 8" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,991.59 349.43 628.97 262.07	328.23
33 14 13 13-0254	EA			20" x 10" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,115.23 359.87 647.76 269.90	340.91
33 14 13 13-0255	EA			20" x 12" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,394.53 386.06 694.90 289.54	352.42
33 14 13 13-0256	EA			20" x 14" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,473.71 391.36 704.44 293.52	369.69

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33 14 13 13-0257	EA	20" x 16" Mechanical Joint Ductile Iron Cross	5,403.59	393.86
		For Cement Mortar Lining (CML), Add	480.68	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	865.23	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	360.51	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0258	EA	20" x 18" Mechanical Joint Ductile Iron Cross	5,620.26	432.95
		For Cement Mortar Lining (CML), Add	496.43	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	893.57	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	372.32	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0259	EA	20" x 20" Mechanical Joint Ductile Iron Cross	6,085.93	497.43
		For Cement Mortar Lining (CML), Add	533.22	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	959.79	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	399.91	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0260	EA	24" x 6" Mechanical Joint Ductile Iron Cross	5,198.83	397.62
		For Cement Mortar Lining (CML), Add	459.64	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	827.35	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	344.73	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0261	EA	24" x 8" Mechanical Joint Ductile Iron Cross	5,320.90	408.00
		For Cement Mortar Lining (CML), Add	470.24	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	846.43	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	352.68	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0262	EA	24" x 10" Mechanical Joint Ductile Iron Cross	5,522.94	420.67
		For Cement Mortar Lining (CML), Add	488.56	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	879.40	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	366.42	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0263	EA	24" x 12" Mechanical Joint Ductile Iron Cross	5,697.81	432.18
		For Cement Mortar Lining (CML), Add	504.30	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	907.74	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	378.22	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0264	EA	24" x 14" Mechanical Joint Ductile Iron Cross	5,802.69	449.45
		For Cement Mortar Lining (CML), Add	512.17	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	921.91	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	384.13	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0265	EA	24" x 16" Mechanical Joint Ductile Iron Cross	6,024.08	473.63
		For Cement Mortar Lining (CML), Add	530.65	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	955.16	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	397.99	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0266	EA	24" x 18" Mechanical Joint Ductile Iron Cross	7,948.52	512.72
		For Cement Mortar Lining (CML), Add	717.17	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	1,290.90	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	537.88	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0267	EA	24" x 20" Mechanical Joint Ductile Iron Cross	8,386.88	577.24
		For Cement Mortar Lining (CML), Add	751.23	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	1,352.21	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	563.42	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0268	EA	24" x 24" Mechanical Joint Ductile Iron Cross	9,243.54	657.03
		For Cement Mortar Lining (CML), Add	824.81	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	1,484.65	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	618.61	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0269 Mechanical Joint x Mechanical Joint Ductile Iron Reducers (33 14 13 13-0002)

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0270	EA			4" x 3" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	158.75 9.32 16.77 6.99	43.27
33 14 13 13-0271	EA			6" x 3" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	185.01 10.28 18.51 7.71	54.24
33 14 13 13-0272	EA			6" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	199.97 11.25 20.24 8.43	57.75
33 14 13 13-0273	EA			8" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	252.92 15.42 27.76 11.57	65.07
33 14 13 13-0274	EA			8" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	279.06 16.39 29.50 12.29	76.03
33 14 13 13-0275	EA			10" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	304.15 20.08 36.15 15.06	68.19
33 14 13 13-0276	EA			10" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	331.10 21.21 38.17 15.91	78.56
33 14 13 13-0277	EA			10" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	362.46 23.30 41.93 17.47	85.47
33 14 13 13-0278	EA			12" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	367.63 25.38 45.69 19.04	75.11
33 14 13 13-0279	EA			12" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	409.04 27.95 50.32 20.97	85.47
33 14 13 13-0280	EA			12" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	427.55 28.76 51.76 21.57	92.38
33 14 13 13-0281	EA			12" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	468.20 31.81 57.26 23.86	99.07
33 14 13 13-0282	EA			14" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	766.96 62.01 111.62 46.51	96.91

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33 14 13 13-0283	EA	14" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	745.31	103.83
		For Cement Mortar Lining (CML), Add	58.80	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	105.84	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	44.10	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0284	EA	14" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	668.68	110.51
		For Cement Mortar Lining (CML), Add	50.13	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	90.23	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	37.59	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0285	EA	14" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	703.25	117.42
		For Cement Mortar Lining (CML), Add	52.54	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	94.56	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	39.40	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0286	EA	16" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	900.59	112.99
		For Cement Mortar Lining (CML), Add	72.94	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	131.29	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	54.70	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0287	EA	16" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	883.77	119.91
		For Cement Mortar Lining (CML), Add	70.21	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	126.37	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	52.66	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0288	EA	16" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	868.17	126.60
		For Cement Mortar Lining (CML), Add	67.64	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	121.74	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	50.73	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0289	EA	16" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	941.31	133.51
		For Cement Mortar Lining (CML), Add	73.90	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	133.02	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	55.43	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0290	EA	16" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,047.00	144.95
		For Cement Mortar Lining (CML), Add	82.74	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	148.93	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	62.05	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0291	EA	18" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,124.00	146.99
		For Cement Mortar Lining (CML), Add	90.13	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	162.23	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	67.60	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0292	EA	18" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,259.42	153.67
		For Cement Mortar Lining (CML), Add	102.66	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	184.79	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	76.99	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0293	EA	18" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,215.27	160.58
		For Cement Mortar Lining (CML), Add	97.20	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	174.95	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	72.90	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0294	EA	18" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,288.84	172.01
		For Cement Mortar Lining (CML), Add	102.82	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	185.08	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	77.12	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0295	EA	18" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,358.20	188.11
		For Cement Mortar Lining (CML), Add	107.32	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	193.17	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	80.49	
		Note: ANSI/AWWA C151/A21.51		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0296	EA			20" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,586.17 128.20 230.77 96.15	200.75
33 14 13 13-0297	EA			20" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,522.39 120.81 217.46 90.61	207.41
33 14 13 13-0298	EA			20" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,405.94 108.12 194.62 81.09	214.32
33 14 13 13-0299	EA			20" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,415.24 107.32 193.17 80.49	225.76
33 14 13 13-0300	EA			20" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,462.11 109.57 197.22 82.18	241.86
33 14 13 13-0301	EA			20" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,752.16 134.47 242.04 100.85	268.93
33 14 13 13-0302	EA			24" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,062.27 165.64 298.14 124.23	267.91
33 14 13 13-0303	EA			24" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,121.37 169.81 305.66 127.36	279.35
33 14 13 13-0304	EA			24" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,168.26 172.06 309.71 129.05	295.44
33 14 13 13-0305	EA			24" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,133.77 164.51 296.12 123.38	322.50
33 14 13 13-0306	EA			24" x 20" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,607.20 203.71 366.68 152.78	376.26
33 14 13 13-0307				Mechanical Joint Ductile Iron Caps (33 14 13 13-0002)		
33 14 13 13-0308	EA			3" Mechanical Joint Ductile Iron Caps For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	180.22 4.18 7.52 3.13	91.38

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33 14 13 13-0309	EA	4" Mechanical Joint Ductile Iron Caps	205.83	107.22
		<i>For Cement Mortar Lining (CML), Add</i>	4.34	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	7.81	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	3.25	
		<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0310	EA	6" Mechanical Joint Ductile Iron Caps	280.17	134.02
		<i>For Cement Mortar Lining (CML), Add</i>	7.71	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	13.88	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	5.78	
		<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0311	EA	8" Mechanical Joint Ductile Iron Caps	360.59	153.18
		<i>For Cement Mortar Lining (CML), Add</i>	12.85	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	23.13	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	9.64	
		<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0312	EA	10" Mechanical Joint Ductile Iron Caps	511.33	230.39
		<i>For Cement Mortar Lining (CML), Add</i>	16.23	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	29.21	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	12.17	
		<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0313	EA	12" Mechanical Joint Ductile Iron Caps	623.40	251.33
		<i>For Cement Mortar Lining (CML), Add</i>	24.26	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	43.67	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	18.19	
		<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0314	EA	14" Mechanical Joint Ductile Iron Caps	786.80	276.47
		<i>For Cement Mortar Lining (CML), Add</i>	36.79	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	66.22	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	27.59	
		<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0315	EA	16" Mechanical Joint Ductile Iron Caps	958.64	307.15
		<i>For Cement Mortar Lining (CML), Add</i>	49.32	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	88.78	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	36.99	
		<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0316	EA	18" Mechanical Joint Ductile Iron Caps	1,126.08	345.59
		<i>For Cement Mortar Lining (CML), Add</i>	60.25	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	108.44	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	45.18	
		<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0317	EA	20" Mechanical Joint Ductile Iron Caps	1,377.59	394.91
		<i>For Cement Mortar Lining (CML), Add</i>	77.92	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	140.25	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	58.44	
		<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0318	EA	24" Mechanical Joint Ductile Iron Caps	1,768.12	460.78
		<i>For Cement Mortar Lining (CML), Add</i>	107.00	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	192.59	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	80.25	
		<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0319		Mechanical Joint Ductile Iron Plug (33 14 13 13-0002)		
33 14 13 13-0320	EA	3" Mechanical Joint Ductile Iron Plug	186.65	91.38
		<i>For Cement Mortar Lining (CML), Add</i>	4.82	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	8.68	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	3.62	
		<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0321	EA	4" Mechanical Joint Ductile Iron Plug	215.47	107.22
		<i>For Cement Mortar Lining (CML), Add</i>	5.30	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	9.54	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	3.98	
		<i>Note: ANSI/AWWA C151/A21.51</i>		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0322	EA			6" Mechanical Joint Ductile Iron Plug..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	305.88 10.28 18.51 7.71	134.02
33 14 13 13-0323	EA			8" Mechanical Joint Ductile Iron Plug..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	386.30 15.42 27.76 11.57	153.18
33 14 13 13-0324	EA			10" Mechanical Joint Ductile Iron Plug..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	615.76 26.67 48.00 20.00	230.39
33 14 13 13-0325	EA			12" Mechanical Joint Ductile Iron Plug..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	652.32 27.15 48.87 20.36	251.33
33 14 13 13-0326	EA			14" Mechanical Joint Ductile Iron Plug..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	971.56 55.27 99.48 41.45	276.47
33 14 13 13-0327	EA			16" Mechanical Joint Ductile Iron Plug..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	536.12 7.07 12.72 5.30	307.15
33 14 13 13-0328	EA			18" Mechanical Joint Ductile Iron Plug..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,400.80 87.72 157.89 65.79	345.59
33 14 13 13-0329	EA			20" Mechanical Joint Ductile Iron Plug..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,751.93 115.35 207.63 86.51	394.91
33 14 13 13-0330	EA			24" Mechanical Joint Ductile Iron Plug..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,298.28 160.01 288.02 120.01	460.78
33 14 13 13-0331				Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters <small>(33 14 13 13-0002)</small>		
33 14 13 13-0332	EA			3" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	314.87 10.44 18.80 7.83	138.90
33 14 13 13-0333	EA			4" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	356.13 11.25 20.24 8.43	160.83
33 14 13 13-0334	EA			6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	460.43 15.58 28.05 11.69	201.03

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**
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33 14 13 13-0335	EA	8" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	584.27	229.71
		For Cement Mortar Lining (CML), Add	23.62	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	42.51	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	17.71	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0336	EA	10" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	934.90	345.59
		For Cement Mortar Lining (CML), Add	41.13	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	74.03	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	30.85	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0337	EA	12" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,098.16	377.00
		For Cement Mortar Lining (CML), Add	52.70	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	94.85	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	39.52	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0338	EA	14" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,465.36	414.70
		For Cement Mortar Lining (CML), Add	83.70	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	150.66	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	62.78	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0339	EA	16" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,654.05	460.78
		For Cement Mortar Lining (CML), Add	95.59	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	172.06	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	71.69	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0340	EA	18" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	2,247.39	518.38
		For Cement Mortar Lining (CML), Add	146.20	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	263.15	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	109.65	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0341	EA	20" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	2,639.14	592.41
		For Cement Mortar Lining (CML), Add	174.15	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	313.47	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	130.61	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0342	EA	24" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	3,191.98	691.17
		For Cement Mortar Lining (CML), Add	214.48	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	386.06	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	160.86	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0343 Mechanical Joint Ductile Iron Long Sleeves (33 14 13 13-0002)

33 14 13 13-0344	EA	3" Mechanical Joint Ductile Iron Long Sleeves	298.80	138.90
		For Cement Mortar Lining (CML), Add	8.84	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	15.90	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	6.63	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0345	EA	4" Mechanical Joint Ductile Iron Long Sleeves	348.10	160.83
		For Cement Mortar Lining (CML), Add	10.44	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	18.80	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	7.83	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0346	EA	6" Mechanical Joint Ductile Iron Long Sleeves	479.71	201.03
		For Cement Mortar Lining (CML), Add	17.51	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	31.52	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	13.13	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0347	EA	8" Mechanical Joint Ductile Iron Long Sleeves	635.68	229.71
		For Cement Mortar Lining (CML), Add	28.76	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	51.76	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	21.57	
		Note: ANSI/AWWA C151/A21.51		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0348	EA			10" Mechanical Joint Ductile Iron Long Sleeves For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	865.82 34.22 61.60 25.67	345.59
33 14 13 13-0349	EA			12" Mechanical Joint Ductile Iron Long Sleeves For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,033.90 46.27 83.28 34.70	377.00
33 14 13 13-0350	EA			14" Mechanical Joint Ductile Iron Long Sleeves For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,327.19 69.89 125.79 52.41	414.70
33 14 13 13-0351	EA			16" Mechanical Joint Ductile Iron Long Sleeves For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,583.36 88.52 159.34 66.39	460.78
33 14 13 13-0352	EA			18" Mechanical Joint Ductile Iron Long Sleeves For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,918.04 113.26 203.87 84.95	518.38
33 14 13 13-0353	EA			20" Mechanical Joint Ductile Iron Long Sleeves For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,264.81 136.72 246.09 102.54	592.41
33 14 13 13-0354	EA			24" Mechanical Joint Ductile Iron Long Sleeves For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,848.17 180.10 324.17 135.07	691.17
33 14 13 13-0355				Mechanical Joint Ductile Iron Gland Packs <small>(33 14 13 13-0002)</small> Note: Includes ductile iron retainer gland, gasket, break off torque bolts and all nuts.		
33 14 13 13-0356				Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts <small>(33 14 13 13-0355)</small> Note: Labor installation is included with pipe fittings or valves.		
33 14 13 13-0357	EA			3" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes four (4) 3/4" diameter plain finish Boltss with nut.	32.13	
33 14 13 13-0358	EA			4" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes four (4) 3/4" diameter plain finish Boltss with nut.	70.19	
33 14 13 13-0359	EA			6" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	84.82	
33 14 13 13-0360	EA			8" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	99.44	
33 14 13 13-0361	EA			10" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	137.46	
33 14 13 13-0362	EA			12" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	146.24	
33 14 13 13-0363	EA			14" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes ten (10) 3/4" diameter plain finish Boltss with nut.	239.83	
33 14 13 13-0364	EA			16" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	254.45	
33 14 13 13-0365	EA			18" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	339.27	
33 14 13 13-0366	EA			20" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes fourteen (14) 3/4" diameter plain finish Boltss with nut.	438.71	
33 14 13 13-0367	EA			24" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes sixteen (16) 3/4" diameter plain finish Boltss with nut.	611.27	
33 14 13 13-0368				Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts <small>(33 14 13 13-0355)</small> Note: Labor installation is included with pipe fittings or valves.		
33 14 13 13-0369	EA			3" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes four (4) 3/4" diameter plain finish Boltss with nut.	54.62	
33 14 13 13-0370	EA			4" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes four (4) 3/4" diameter plain finish Boltss with nut.	99.44	
33 14 13 13-0371	EA			6" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	125.76	
33 14 13 13-0372	EA			8" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	137.46	

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**
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33 14 13 13-0373	EA	10" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	190.11	
33 14 13 13-0374	EA	12" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	198.88	
33 14 13 13-0375	EA	14" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes ten (10) 3/4" diameter plain finish Boltss with nut.	301.25	
33 14 13 13-0376	EA	16" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	330.49	
33 14 13 13-0377	EA	18" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	438.71	
33 14 13 13-0378	EA	20" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes fourteen (14) 3/4" diameter plain finish Boltss with nut.	567.40	
33 14 13 13-0379	EA	24" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes sixteen (16) 3/4" diameter plain finish Boltss with nut.	792.60	

33 14 13 13-0380 Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts (33 14 13 13-0355)

Note: Labor installation is included with pipe fittings or valves.

33 14 13 13-0381	EA	3" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	35.34	
33 14 13 13-0382	EA	4" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes four (4) 3/4" diameter plain finish Boltss with nut.	76.04	
33 14 13 13-0383	EA	6" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	90.67	
33 14 13 13-0384	EA	8" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	108.21	
33 14 13 13-0385	EA	10" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	149.16	
33 14 13 13-0386	EA	12" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	157.93	
33 14 13 13-0387	EA	14" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes ten (10) 3/4" diameter plain finish Boltss with nut.	260.30	
33 14 13 13-0388	EA	16" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	274.92	
33 14 13 13-0389	EA	18" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	371.44	
33 14 13 13-0390	EA	20" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes fourteen (14) 3/4" diameter plain finish Boltss with nut.	476.73	
33 14 13 13-0391	EA	24" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes sixteen (16) 3/4" diameter plain finish Boltss with nut.	666.84	

33 14 13 13-0392 Mechanical Joint Restraints With Accessories For Ductile Iron Pipe (MEGALUG® 1100DEC Series) (33 14 13 13-0002)

Note: Includes ductile iron retainer gland, gasket, break off torque bolts and all nuts and bolts. Excludes pipe and fitting.

33 14 13 13-0393	EA	3" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1103DSC).....	197.57	69.67
33 14 13 13-0394	EA	4" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1104DEC).....	224.98	82.52
33 14 13 13-0395	EA	6" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1106DEC).....	279.12	102.12
33 14 13 13-0396	EA	8" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1108DEC).....	349.35	119.17
33 14 13 13-0397	EA	10" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1110DEC).....	503.08	172.79
33 14 13 13-0398	EA	12" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1112DEC).....	622.64	197.50
33 14 13 13-0399	EA	14" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1114DEC).....	727.74	212.59
33 14 13 13-0400	EA	16" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1116DEC).....	901.73	230.39
33 14 13 13-0401	EA	18" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1118DEC).....	1,160.06	276.47
33 14 13 13-0402	EA	20" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1120DEC).....	1,372.21	307.05
33 14 13 13-0403	EA	24" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1124DEC).....	1,788.91	354.28

33 14 13 13-0404 Mechanical Joint Ductile Iron Force Balanced Flexible Expansion Joint (FLEX-TEND®) (33 14 13 13-0002)

33 14 13 13-0405	EA	3" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	4,421.91	57.02
33 14 13 13-0406	EA	4" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	4,602.49	71.27
33 14 13 13-0407	EA	6" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	6,678.41	105.33
33 14 13 13-0408	EA	8" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	9,078.41	124.94
33 14 13 13-0409	EA	10" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	11,445.51	137.92
33 14 13 13-0410	EA	12" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	15,269.55	161.79
33 14 13 13-0411	EA	14" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	18,813.19	181.43
33 14 13 13-0412	EA	16" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	22,258.12	207.35
33 14 13 13-0413	EA	18" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	25,084.69	290.29
33 14 13 13-0414	EA	20" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	33,751.34	362.86
33 14 13 13-0415	EA	24" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	46,769.59	483.82

33 14 13 13-0416 Set Screw Flange Adapter For Ductile Iron Pipe (E-Z Flange 1000DSM Series) (33 14 13 13-0002)

Note: Includes machined bolts and gasket.

33 14 13 13-0417	EA	3" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1003DSM).....	196.09	69.67
33 14 13 13-0418	EA	4" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1004DSM).....	252.53	82.52
33 14 13 13-0419	EA	6" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1006DSM).....	326.90	102.12
33 14 13 13-0420	EA	8" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1008DSM).....	372.78	119.17
33 14 13 13-0421	EA	10" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1010DSM).....	657.89	182.75
33 14 13 13-0422	EA	12" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1012DSM).....	744.32	208.89

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST				

33 14 13 13-0423			Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 2100 Series) <small>(33 14 13 13-0002)</small>						
			Note: Includes nuts, bolts and gasket.						
			3" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210300)	289.68		69.67			
			4" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210400)	360.81		82.52			
			6" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210600)	500.99		102.12			
			8" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210800)	727.79		119.17			
			10" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211000)	1,053.15		182.75			
			12" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211200)	1,311.63		208.89			
			14" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211400)	2,032.68		224.84			
			16" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211600)	2,857.33		243.67			
			18" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211800)	3,229.81		292.41			
			20" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 212000)	3,567.54		324.75			
			24" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 212400)	4,318.05		374.70			
			30" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 213000)	5,559.38		449.35			
			36" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 213600)	8,316.76		562.33			
			42" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 214200)	21,792.07		648.83			
			48" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 214800)	27,912.12		834.47			

33 14 13 13-0439			Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Piping <small>(33 14 13 13-0001)</small>						
			Note: See CSI section 33 14 13 13-0355 for bolts and gaskets.						

33 14 13 13-0440			Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow <small>(33 14 13 13-0439)</small>						
			3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	402.45		39.76			
			4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	481.66		47.63			
			6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	747.35		69.78			
			8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	1,021.11		83.07			
			10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	1,398.83		92.16			
			12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	1,773.12		107.86			
			14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	2,519.20		121.47			
			16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	3,056.26		138.24			
			18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	3,694.28		193.74			
			20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	4,604.62		241.91			
			24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	6,509.54		322.55			

33 14 13 13-0452			Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow <small>(33 14 13 13-0439)</small>						
			3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	384.78		39.76			
			4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	451.14		47.63			
			6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	694.33		69.78			
			8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	939.18		83.07			
			10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	1,225.32		92.16			
			12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	1,617.29		107.86			
			14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	2,185.03		121.47			
			16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	2,616.07		138.24			
			18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	3,095.03		193.74			
			20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	3,757.96		241.91			
			24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	4,952.78		322.55			

33 14 13 13-0464			Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow <small>(33 14 13 13-0439)</small>						
			3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	299.63		39.76			
			4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	446.32		47.63			
			6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	675.05		69.78			
			8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	932.75		83.07			
			10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,223.72		92.16			
			12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,524.11		107.86			
			14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	2,197.89		121.47			
			16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	2,558.23		138.24			
			18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	3,080.57		193.74			
			20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	3,891.30		241.91			
			24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	4,846.75		322.55			
			30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	8,101.76		345.59			
			36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	11,055.27		359.20			
			42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	15,816.76		414.70			
			48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	20,249.19		440.89			

33 14 13 13-0480			Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow <small>(33 14 13 13-0439)</small>						
			3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	299.63		39.76			
			4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	534.68		47.63			
			6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	681.48		69.78			
			8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	903.84		83.07			
			10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,220.50		92.16			
			12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,480.73		107.86			
			14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	2,366.58		121.47			
			16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	2,636.95		138.24			

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 14 13 13-0489	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	3,536.83	193.74
33 14 13 13-0490	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	3,753.14	241.91
33 14 13 13-0491	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	4,848.35	322.55

33 14 13 13-0492 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow
(33 14 13 13-0499)

33 14 13 13-0493	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	352.64	39.76
33 14 13 13-0494	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	518.61	47.63
33 14 13 13-0495	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	808.40	69.78
33 14 13 13-0496	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,098.23	83.07
33 14 13 13-0497	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,511.29	92.16
33 14 13 13-0498	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,896.83	107.86
33 14 13 13-0499	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	3,407.63	121.47
33 14 13 13-0500	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	5,316.69	138.24
33 14 13 13-0501	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	6,076.81	193.74
33 14 13 13-0502	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	7,004.82	241.91
33 14 13 13-0503	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	7,576.29	322.55

33 14 13 13-0504 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow
(33 14 13 13-0499)

33 14 13 13-0505	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	352.64	39.76
33 14 13 13-0506	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	457.56	47.63
33 14 13 13-0507	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	720.04	69.78
33 14 13 13-0508	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,017.90	83.07
33 14 13 13-0509	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,349.03	92.16
33 14 13 13-0510	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,755.45	107.86
33 14 13 13-0511	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	2,339.25	121.47
33 14 13 13-0512	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	2,810.46	138.24
33 14 13 13-0513	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	5,257.44	193.74
33 14 13 13-0514	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	5,517.14	241.91
33 14 13 13-0515	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	5,748.02	322.55

33 14 13 13-0516 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee
(33 14 13 13-0499)

33 14 13 13-0517	EA	3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	496.84	59.66
33 14 13 13-0518	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	542.10	67.26
33 14 13 13-0519	EA	4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	572.23	69.78
33 14 13 13-0520	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	815.20	88.46
33 14 13 13-0521	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	883.39	91.93
33 14 13 13-0522	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	932.13	103.01
33 14 13 13-0523	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,083.89	106.33
33 14 13 13-0524	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,172.80	117.41
33 14 13 13-0525	EA	8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,289.91	125.16
33 14 13 13-0526	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,453.57	114.15
33 14 13 13-0527	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,451.60	124.62
33 14 13 13-0528	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,572.94	131.95
33 14 13 13-0529	EA	10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,697.11	138.24
33 14 13 13-0530	EA	12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,749.23	127.76
33 14 13 13-0531	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,764.93	138.24
33 14 13 13-0532	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,908.76	145.56
33 14 13 13-0533	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,200.02	151.85
33 14 13 13-0534	EA	12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,205.67	159.18
33 14 13 13-0535	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,498.44	161.28
33 14 13 13-0536	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,703.33	168.60
33 14 13 13-0537	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,280.55	174.89
33 14 13 13-0538	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,462.94	182.22
33 14 13 13-0539	EA	14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,208.76	193.74
33 14 13 13-0540	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,988.93	193.74
33 14 13 13-0541	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,150.52	200.02
33 14 13 13-0542	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,779.16	207.35
33 14 13 13-0543	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,545.43	213.63

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 14 13 13-0544	EA	16"	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	4,624.71	225.16
33 14 13 13-0545	EA	16"	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	4,184.78	241.91
33 14 13 13-0546	EA	18"	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	3,924.15	248.19
33 14 13 13-0547	EA	18"	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	4,138.66	254.47
33 14 13 13-0548	EA	18"	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	4,410.65	260.76
33 14 13 13-0549	EA	18"	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	4,662.10	268.09
33 14 13 13-0550	EA	18"	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	4,790.29	279.61
33 14 13 13-0551	EA	18"	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,118.30	295.32
33 14 13 13-0552	EA	18"	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,713.58	322.55
33 14 13 13-0553	EA	20"	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	4,512.75	355.01
33 14 13 13-0554	EA	20"	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	4,589.10	362.34
33 14 13 13-0555	EA	20"	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,042.63	368.63
33 14 13 13-0556	EA	20"	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,290.86	375.96
33 14 13 13-0557	EA	20"	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,343.54	387.47
33 14 13 13-0558	EA	20"	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,276.35	403.18
33 14 13 13-0559	EA	20"	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	6,744.00	430.41
33 14 13 13-0560	EA	20"	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,752.24	483.82
33 14 13 13-0561	EA	24"	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,478.39	461.83
33 14 13 13-0562	EA	24"	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,530.65	470.20
33 14 13 13-0563	EA	24"	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,630.73	475.44
33 14 13 13-0564	EA	24"	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,779.35	482.78
33 14 13 13-0565	EA	24"	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	6,572.66	494.29
33 14 13 13-0566	EA	24"	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	6,855.70	510.00
33 14 13 13-0567	EA	24"	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	8,435.80	537.23
33 14 13 13-0568	EA	24"	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	8,710.02	591.69
33 14 13 13-0569	EA	24"	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	8,172.67	645.09

33 14 13 13-0570

Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Laterals) (33 14 13 13-0439)

33 14 13 13-0571	EA	3"	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	557.27	66.66
33 14 13 13-0572	EA	4"	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	613.50	66.66
33 14 13 13-0573	EA	4"	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	720.04	69.78
33 14 13 13-0574	EA	6"	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	794.32	88.46
33 14 13 13-0575	EA	6"	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	886.60	91.93
33 14 13 13-0576	EA	6"	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	1,084.75	103.01
33 14 13 13-0577	EA	8"	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	1,426.08	106.33
33 14 13 13-0578	EA	8"	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	1,314.18	117.41
33 14 13 13-0579	EA	8"	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	1,477.88	125.16
33 14 13 13-0580	EA	10"	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	2,094.59	114.15
33 14 13 13-0581	EA	10"	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	2,180.97	124.62
33 14 13 13-0582	EA	10"	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	2,440.48	131.95
33 14 13 13-0583	EA	10"	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	2,664.26	138.24
33 14 13 13-0584	EA	12"	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	2,557.33	127.76
33 14 13 13-0585	EA	12"	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	2,900.77	138.24
33 14 13 13-0586	EA	12"	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	3,435.00	145.56
33 14 13 13-0587	EA	12"	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	3,437.07	151.85
33 14 13 13-0588	EA	12"	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	3,169.61	159.18
33 14 13 13-0589	EA	14"	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	3,770.84	161.28
33 14 13 13-0590	EA	14"	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	4,337.20	168.60
33 14 13 13-0591	EA	14"	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	5,720.92	174.89
33 14 13 13-0592	EA	14"	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	6,136.25	182.22
33 14 13 13-0593	EA	14"	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	5,976.86	193.74
33 14 13 13-0594	EA	16"	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	3,922.43	193.74
33 14 13 13-0595	EA	16"	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	4,334.56	200.02
33 14 13 13-0596	EA	16"	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	5,149.56	207.35
33 14 13 13-0597	EA	16"	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	5,312.65	213.63
33 14 13 13-0598	EA	16"	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	6,586.32	225.16
33 14 13 13-0599	EA	16"	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	6,225.11	241.91
33 14 13 13-0600	EA	18"	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	5,562.84	248.19
33 14 13 13-0601	EA	18"	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	6,002.27	254.47
33 14 13 13-0602	EA	18"	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	6,426.89	260.76
33 14 13 13-0603	EA	18"	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	6,887.18	268.09
33 14 13 13-0604	EA	18"	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	6,955.93	279.61
33 14 13 13-0605	EA	18"	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	7,033.32	295.32
33 14 13 13-0606	EA	18"	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	6,365.85	322.55
33 14 13 13-0607	EA	20"	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	6,540.23	355.01
33 14 13 13-0608	EA	20"	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	6,684.05	362.34
33 14 13 13-0609	EA	20"	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	7,368.93	368.63
33 14 13 13-0610	EA	20"	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	8,047.72	375.96
33 14 13 13-0611	EA	20"	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	8,121.29	387.47
33 14 13 13-0612	EA	20"	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	8,206.72	403.18
33 14 13 13-0613	EA	20"	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	9,542.62	430.41
33 14 13 13-0614	EA	20"	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	8,968.58	483.82
33 14 13 13-0615	EA	24"	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	7,921.97	461.83
33 14 13 13-0616	EA	24"	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	8,024.03	469.16
33 14 13 13-0617	EA	24"	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	8,978.80	475.44
33 14 13 13-0618	EA	24"	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	9,411.78	482.78
33 14 13 13-0619	EA	24"	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	10,924.83	494.29
33 14 13 13-0620	EA	24"	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	12,175.02	510.00
33 14 13 13-0621	EA	24"	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	13,653.91	537.23
33 14 13 13-0622	EA	24"	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	15,001.31	591.69
33 14 13 13-0623	EA	24"	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	13,198.00	645.09

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

		TOTAL DIRECT DEMOLITION UNIT COST UNIT COST	
33 14 13 13-0624	Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee <small>(33 14 13 13-0439)</small>		
33 14 13 13-0625	EA 6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	991.57	103.01
33 14 13 13-0626	EA 8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	1,233.85	117.41
33 14 13 13-0627	EA 10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	1,772.91	124.62
33 14 13 13-0628	EA 12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	2,041.26	138.24
33 14 13 13-0629	EA 14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	2,702.48	161.28
33 14 13 13-0630	EA 16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	3,292.66	193.74
33 14 13 13-0631	EA 18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	3,883.99	248.19
33 14 13 13-0632	EA 20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	5,218.03	355.01
33 14 13 13-0633	EA 24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	6,085.90	461.83
33 14 13 13-0634	Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross <small>(33 14 13 13-0439)</small>		
33 14 13 13-0635	EA 3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	552.66	79.54
33 14 13 13-0636	EA 4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	691.83	86.54
33 14 13 13-0637	EA 4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	867.12	87.51
33 14 13 13-0638	EA 6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	917.85	108.48
33 14 13 13-0639	EA 6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,075.28	117.41
33 14 13 13-0640	EA 6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,185.46	146.20
33 14 13 13-0641	EA 8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,141.72	128.48
33 14 13 13-0642	EA 8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,345.06	157.28
33 14 13 13-0643	EA 8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,329.57	168.35
33 14 13 13-0644	EA 10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,343.15	134.05
33 14 13 13-0645	EA 10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,503.92	161.28
33 14 13 13-0646	EA 10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,789.55	171.74
33 14 13 13-0647	EA 10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,938.89	184.31
33 14 13 13-0648	EA 12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,730.09	145.56
33 14 13 13-0649	EA 12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,001.71	172.79
33 14 13 13-0650	EA 12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,173.27	183.26
33 14 13 13-0651	EA 12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,537.89	195.83
33 14 13 13-0652	EA 12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,900.72	207.35
33 14 13 13-0653	EA 14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,003.07	189.55
33 14 13 13-0654	EA 14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,565.02	200.02
33 14 13 13-0655	EA 14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,650.10	213.63
33 14 13 13-0656	EA 14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,852.28	224.11
33 14 13 13-0657	EA 14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,270.45	241.91
33 14 13 13-0658	EA 16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,361.01	214.68
33 14 13 13-0659	EA 16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,849.05	224.11
33 14 13 13-0660	EA 16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,647.44	237.72
33 14 13 13-0661	EA 16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	5,199.86	249.24
33 14 13 13-0662	EA 16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	6,323.32	266.00
33 14 13 13-0663	EA 16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	6,597.70	290.09
33 14 13 13-0664	EA 18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	5,823.64	253.43
33 14 13 13-0665	EA 18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	6,162.29	263.90
33 14 13 13-0666	EA 18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	6,451.39	276.47
33 14 13 13-0667	EA 18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,010.23	287.99
33 14 13 13-0668	EA 18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	8,218.83	304.74
33 14 13 13-0669	EA 18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	8,742.25	328.83
33 14 13 13-0670	EA 18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	9,124.41	368.63
33 14 13 13-0671	EA 20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,322.34	318.35
33 14 13 13-0672	EA 20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,664.18	327.78
33 14 13 13-0673	EA 20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,897.08	341.39
33 14 13 13-0674	EA 20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	8,451.10	352.92
33 14 13 13-0675	EA 20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	8,586.50	369.67
33 14 13 13-0676	EA 20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	10,454.61	393.76
33 14 13 13-0677	EA 20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	10,836.76	432.51
33 14 13 13-0678	EA 20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	11,689.61	497.43
33 14 13 13-0679	EA 24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	10,029.75	397.95
33 14 13 13-0680	EA 24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	10,262.68	408.42
33 14 13 13-0681	EA 24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	10,657.50	420.98
33 14 13 13-0682	EA 24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	10,997.85	432.51
33 14 13 13-0683	EA 24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	11,184.67	449.26
33 14 13 13-0684	EA 24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	11,600.45	473.35
33 14 13 13-0685	EA 24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	15,484.90	513.14
33 14 13 13-0686	EA 24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	16,281.52	577.02
33 14 13 13-0687	EA 24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	17,912.54	656.61
33 14 13 13-0688	Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducers <small>(33 14 13 13-0439)</small>		
33 14 13 13-0689	EA 4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	394.91	43.27

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0690	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	552.91	54.24
33 14 13 13-0691	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	608.04	57.59
33 14 13 13-0692	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	799.15	65.35
33 14 13 13-0693	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	830.11	76.43
33 14 13 13-0694	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	978.91	68.07
33 14 13 13-0695	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,023.52	78.54
33 14 13 13-0696	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,064.53	85.87
33 14 13 13-0697	EA	12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,132.35	75.40
33 14 13 13-0698	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,252.49	85.87
33 14 13 13-0699	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,272.60	92.16
33 14 13 13-0700	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,329.32	99.48
33 14 13 13-0701	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,963.85	97.39
33 14 13 13-0702	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,974.33	103.67
33 14 13 13-0703	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,716.15	111.01
33 14 13 13-0704	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,750.72	117.29
33 14 13 13-0705	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,354.53	113.10
33 14 13 13-0706	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,283.08	120.43
33 14 13 13-0707	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,142.17	126.71
33 14 13 13-0708	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,115.70	133.00
33 14 13 13-0709	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,393.30	144.51
33 14 13 13-0710	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,557.05	146.61
33 14 13 13-0711	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,885.26	153.94
33 14 13 13-0712	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,754.35	160.23
33 14 13 13-0713	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,295.43	171.74
33 14 13 13-0714	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,881.22	188.50
33 14 13 13-0715	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,404.80	201.07
33 14 13 13-0716	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,430.99	207.35
33 14 13 13-0717	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,113.72	214.68
33 14 13 13-0718	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,110.16	226.20
33 14 13 13-0719	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,031.72	241.91
33 14 13 13-0720	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,588.46	269.14
33 14 13 13-0721	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	4,287.36	268.09
33 14 13 13-0722	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	4,349.67	279.61
33 14 13 13-0723	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	4,425.47	295.32
33 14 13 13-0724	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	4,354.03	322.55
33 14 13 13-0725	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	5,021.86	375.96
33 14 13 13-0726		Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps <small>(33 14 13 13-0439)</small>		
33 14 13 13-0727	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	358.55	91.38
33 14 13 13-0728	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	432.35	107.43
33 14 13 13-0729	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	633.62	134.02
33 14 13 13-0730	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	850.60	152.85
33 14 13 13-0731	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	1,128.25	230.39
33 14 13 13-0732	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	1,425.07	251.33
33 14 13 13-0733	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	1,620.61	276.47
33 14 13 13-0734	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	1,973.99	306.84
33 14 13 13-0735	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	2,313.33	345.59
33 14 13 13-0736	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	2,791.37	394.81
33 14 13 13-0737	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	3,581.93	460.78

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0738			Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug <small>(33 14 13 13-0439)</small>		
33 14 13 13-0739	EA		3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	360.16	91.38
33 14 13 13-0740	EA		4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	448.42	107.43
33 14 13 13-0741	EA		6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	675.39	134.02
33 14 13 13-0742	EA		8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	892.37	152.85
33 14 13 13-0743	EA		10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	1,367.63	230.39
33 14 13 13-0744	EA		12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	1,479.70	251.33
33 14 13 13-0745	EA		14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	1,969.23	276.47
33 14 13 13-0746	EA		16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	2,377.24	306.84
33 14 13 13-0747	EA		18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	2,829.03	345.59
33 14 13 13-0748	EA		20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	3,488.62	394.81
33 14 13 13-0749	EA		24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	4,574.78	460.78
33 14 13 13-0750			Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters <small>(33 14 13 13-0439)</small>		
33 14 13 13-0751	EA		3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	488.37	138.90
33 14 13 13-0752	EA		4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	646.92	160.60
33 14 13 13-0753	EA		6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	890.98	201.59
33 14 13 13-0754	EA		8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	1,172.28	229.28
33 14 13 13-0755	EA		10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	1,725.33	345.59
33 14 13 13-0756	EA		12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	2,062.10	377.00
33 14 13 13-0757	EA		14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	2,700.80	414.70
33 14 13 13-0758	EA		16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	3,066.22	460.78
33 14 13 13-0759	EA		18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	4,027.46	518.38
33 14 13 13-0760	EA		20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	4,671.44	592.73
33 14 13 13-0761	EA		24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	5,656.44	691.17
33 14 13 13-0762			Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves <small>(33 14 13 13-0439)</small>		
33 14 13 13-0763	EA		3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	507.65	138.90
33 14 13 13-0764	EA		4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	622.82	160.60
33 14 13 13-0765	EA		6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	918.30	201.59
33 14 13 13-0766	EA		8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	1,246.18	229.28
33 14 13 13-0767	EA		10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	1,622.51	345.59
33 14 13 13-0768	EA		12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	1,965.70	377.00
33 14 13 13-0769	EA		14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	2,495.16	414.70
33 14 13 13-0770	EA		16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	2,956.97	460.78
33 14 13 13-0771	EA		18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	3,532.64	518.38
33 14 13 13-0772	EA		20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	4,113.96	592.73
33 14 13 13-0773	EA		24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	5,145.55	691.17
33 14 13 13-0774			Push-On Joint Ductile Iron Piping <small>(33 14 13 13-0001)</small>		
33 14 13 13-0775			Push-On Joint Ductile Iron Pipe <small>(33 14 13 13-0774)</small>		
			Note: Conforming to ANSI/AWWA C151/A21.51, federal specification WW-P-421D.		
33 14 13 13-0776	LF		4", Class 50, Push-On Joint Ductile Iron Pipe.....	33.90	9.14
			For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	14.04	
			For Cement Mortar Lining (CML), Add	2.01	
			Note: ANSI/AWWA C104/A21.4		
			For 40 Mil Ceramic Epoxy Lining (P401), Add	10.83	
			For Fusion Bonded Epoxy Lining (206N), Add	3.61	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	1.50	
			Note: ANSI/AWWA C151/A21.51		
			For >1,000, Deduct	-1.70	
			For Class 51, Add	2.91	
			For Class 52, Add	6.26	
			For Class 53, Add	11.26	
			For Class 54, Add	16.06	
			For Class 55, Add	18.48	
			For Class 56, Add	20.86	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33	14	13	13-0777	LF 6", Class 50, Push-On Joint Ductile Iron Pipe.....	37.17	10.08
				For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	15.40	
				For Cement Mortar Lining (CML), Add	2.20	
				Note: ANSI/AWWA C104/A21.4		
				For 40 Mil Ceramic Epoxy Lining (P401), Add	11.88	
				For Fusion Bonded Epoxy Lining (206N), Add	3.96	
				Note: ANSI/AWWA C104/A21.4		
				For Bituminous Or Coal Tar Coating, 1 Mil, Add	1.65	
				Note: ANSI/AWWA C151/A21.51		
				For >1,000, Deduct	-1.86	
				For Class 51, Add	3.19	
				For Class 52, Add	6.87	
				For Class 53, Add	12.36	
				For Class 54, Add	17.62	
				For Class 55, Add	20.28	
				For Class 56, Add	22.88	
33	14	13	13-0778	LF 8", Class 50, Push-On Joint Ductile Iron Pipe.....	46.69	11.08
				For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	21.06	
				For Cement Mortar Lining (CML), Add	3.01	
				Note: ANSI/AWWA C104/A21.4		
				For 40 Mil Ceramic Epoxy Lining (P401), Add	16.24	
				For Fusion Bonded Epoxy Lining (206N), Add	5.41	
				Note: ANSI/AWWA C104/A21.4		
				For Bituminous Or Coal Tar Coating, 1 Mil, Add	2.26	
				Note: ANSI/AWWA C151/A21.51		
				For >1,000, Deduct	-2.33	
				For Class 51, Add	4.31	
				For Class 52, Add	9.29	
				For Class 53, Add	16.74	
				For Class 54, Add	23.88	
				For Class 55, Add	27.46	
				For Class 56, Add	30.98	
33	14	13	13-0779	LF 10", Class 50, Push-On Joint Ductile Iron Pipe.....	65.98	15.60
				For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	25.45	
				For Cement Mortar Lining (CML), Add	4.24	
				Note: ANSI/AWWA C104/A21.4		
				For 40 Mil Ceramic Epoxy Lining (P401), Add	21.21	
				For Fusion Bonded Epoxy Lining (206N), Add	7.64	
				Note: ANSI/AWWA C104/A21.4		
				For Bituminous Or Coal Tar Coating, 1 Mil, Add	3.18	
				Note: ANSI/AWWA C151/A21.51		
				For >1,000, Deduct	-3.30	
				For Class 51, Add	6.08	
				For Class 52, Add	13.11	
				For Class 53, Add	23.62	
				For Class 54, Add	33.69	
				For Class 55, Add	38.74	
				For Class 56, Add	43.70	
33	14	13	13-0780	LF 12", Class 50, Push-On Joint Ductile Iron Pipe.....	76.76	17.28
				For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	25.29	
				For Cement Mortar Lining (CML), Add	5.06	
				Note: ANSI/AWWA C104/A21.4		
				For 40 Mil Ceramic Epoxy Lining (P401), Add	20.23	
				For Fusion Bonded Epoxy Lining (206N), Add	9.10	
				Note: ANSI/AWWA C104/A21.4		
				For Bituminous Or Coal Tar Coating, 1 Mil, Add	3.79	
				Note: ANSI/AWWA C151/A21.51		
				For >1,000, Deduct	-3.84	
				For Class 51, Add	7.22	
				For Class 52, Add	15.58	
				For Class 53, Add	28.09	
				For Class 54, Add	40.07	
				For Class 55, Add	46.07	
				For Class 56, Add	51.96	
33	14	13	13-0781	LF 14", Class 50, Push-On Joint Ductile Iron Pipe.....	93.90	19.48
				For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	28.37	
				For Cement Mortar Lining (CML), Add	6.45	
				Note: ANSI/AWWA C104/A21.4		
				For 40 Mil Ceramic Epoxy Lining (P401), Add	21.92	
				For Fusion Bonded Epoxy Lining (206N), Add	11.60	
				Note: ANSI/AWWA C104/A21.4		
				For Bituminous Or Coal Tar Coating, 1 Mil, Add	4.84	
				Note: ANSI/AWWA C151/A21.51		
				For >1,000, Deduct	-4.70	
				For Class 51, Add	9.16	
				For Class 52, Add	19.76	
				For Class 53, Add	35.65	
				For Class 54, Add	50.88	
				For Class 55, Add	58.48	
				For Class 56, Add	65.94	

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 14 13 13-0782	LF	16", Class 50, Push-On Joint Ductile Iron Pipe.....	111.46	22.20
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	31.91	
		For Cement Mortar Lining (CML), Add	7.78	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	24.13	
		For Fusion Bonded Epoxy Lining (206N), Add	14.01	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	5.84	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	-5.57	
		For Class 51, Add	11.03	
		For Class 52, Add	23.81	
		For Class 53, Add	42.98	
		For Class 54, Add	61.34	
		For Class 55, Add	70.48	
		For Class 56, Add	79.47	
33 14 13 13-0783	LF	18", Class 50, Push-On Joint Ductile Iron Pipe.....	129.67	25.97
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	37.06	
		For Cement Mortar Lining (CML), Add	9.04	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	28.02	
		For Fusion Bonded Epoxy Lining (206N), Add	16.27	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	6.78	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	-6.48	
		For Class 51, Add	12.81	
		For Class 52, Add	27.66	
		For Class 53, Add	49.92	
		For Class 54, Add	71.25	
		For Class 55, Add	81.87	
		For Class 56, Add	92.31	
33 14 13 13-0784	LF	20", Class 50, Push-On Joint Ductile Iron Pipe.....	149.39	31.10
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	38.86	
		For Cement Mortar Lining (CML), Add	10.23	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	28.63	
		For Fusion Bonded Epoxy Lining (206N), Add	18.41	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	7.67	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	-7.47	
		For Class 51, Add	14.53	
		For Class 52, Add	31.36	
		For Class 53, Add	56.57	
		For Class 54, Add	80.73	
		For Class 55, Add	92.78	
		For Class 56, Add	104.62	
33 14 13 13-0785	LF	24", Class 50, Push-On Joint Ductile Iron Pipe.....	189.06	38.86
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	40.33	
		For Cement Mortar Lining (CML), Add	13.01	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	27.32	
		For Fusion Bonded Epoxy Lining (206N), Add	23.42	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	9.76	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	-9.45	
		For Class 51, Add	18.47	
		For Class 52, Add	39.87	
		For Class 53, Add	71.94	
		For Class 54, Add	102.66	
		For Class 55, Add	117.99	
		For Class 56, Add	133.03	
33 14 13 13-0786		Push-On Joint Ductile Iron 90 Degree Elbow (33 14 13 13-0774)		
33 14 13 13-0787	EA	4" 90 Degree Elbow, Push-On Joint Ductile Iron	162.87	35.67
		For Cement Mortar Lining (CML), Add	10.88	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	19.59	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	8.16	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0788	EA	6" 90 Degree Elbow, Push-On Joint Ductile Iron	236.60	52.62
		For Cement Mortar Lining (CML), Add	15.69	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	28.23	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	11.76	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0789	EA	8" 90 Degree Elbow, Push-On Joint Ductile Iron	312.29	62.47
		For Cement Mortar Lining (CML), Add	21.76	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	39.17	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	16.32	
		Note: ANSI/AWWA C151/A21.51		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 14 13 13-0790	EA		10" 90 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	471.46 32.89 59.21 24.67	68.91
33 14 13 13-0791	EA		12" 90 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	602.29 43.52 78.34 32.64	80.85
33 14 13 13-0792	EA		14" 90 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,141.96 95.45 171.80 71.58	90.69
33 14 13 13-0793	EA		16" 90 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,291.72 107.75 193.95 80.81	103.67
33 14 13 13-0794	EA		18" 90 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,000.31 170.04 306.08 127.53	145.15
33 14 13 13-0795	EA		20" 90 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,259.96 189.41 340.94 142.06	182.95
33 14 13 13-0796	EA		24" 90 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,822.08 236.48 425.66 177.36	228.71
33 14 13 13-0797			Push-On Joint Ductile Iron 45 Degree Elbow (33 14 13 13-0774)		
33 14 13 13-0798	EA		4" 45 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	138.12 8.41 15.13 6.31	35.67
33 14 13 13-0799	EA		6" 45 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	203.33 12.36 22.25 9.27	52.62
33 14 13 13-0800	EA		8" 45 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	276.49 18.18 32.72 13.63	62.47
33 14 13 13-0801	EA		10" 45 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	422.04 27.95 50.31 20.96	68.91
33 14 13 13-0802	EA		12" 45 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	539.31 37.22 67.00 27.92	80.85

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TOTAL DIRECT DEMOLITION
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33 14 13 13-0803	EA	14" 45 Degree Elbow, Push-On Joint Ductile Iron	748.70	90.69
		<i>For Cement Mortar Lining (CML), Add</i>	56.12	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	101.01	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	42.09	
		<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0804	EA	16" 45 Degree Elbow, Push-On Joint Ductile Iron	1,085.81	103.67
		<i>For Cement Mortar Lining (CML), Add</i>	87.16	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	156.89	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	65.37	
		<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0805	EA	18" 45 Degree Elbow, Push-On Joint Ductile Iron	1,267.76	145.15
		<i>For Cement Mortar Lining (CML), Add</i>	96.79	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	174.22	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	72.59	
		<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0806	EA	20" 45 Degree Elbow, Push-On Joint Ductile Iron	1,758.42	182.95
		<i>For Cement Mortar Lining (CML), Add</i>	139.26	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	250.66	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	104.44	
		<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0807	EA	24" 45 Degree Elbow, Push-On Joint Ductile Iron	2,183.29	228.71
		<i>For Cement Mortar Lining (CML), Add</i>	172.60	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	310.67	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	129.45	
		<i>Note: ANSI/AWWA C151/A21.51</i>		

33 14 13 13-0808 Push-On Joint Ductile Iron Tee (33 14 13 13-0774)

33 14 13 13-0809	EA	4" Tee, Push-On Joint Ductile Iron	248.00	52.62
		<i>For Cement Mortar Lining (CML), Add</i>	16.83	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	30.29	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	12.62	
		<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0810	EA	6" Tee, Push-On Joint Ductile Iron	347.42	77.31
		<i>For Cement Mortar Lining (CML), Add</i>	23.02	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	41.44	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	17.27	
		<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0811	EA	8" Tee, Push-On Joint Ductile Iron	468.52	93.70
		<i>For Cement Mortar Lining (CML), Add</i>	32.64	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	58.75	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	24.48	
		<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0812	EA	10" Tee, Push-On Joint Ductile Iron	670.71	104.72
		<i>For Cement Mortar Lining (CML), Add</i>	51.36	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	92.45	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	38.52	
		<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0813	EA	12" Tee, Push-On Joint Ductile Iron	830.98	120.75
		<i>For Cement Mortar Lining (CML), Add</i>	64.77	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	116.59	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	48.58	
		<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0814	EA	14" Tee, Push-On Joint Ductile Iron	1,312.51	145.15
		<i>For Cement Mortar Lining (CML), Add</i>	109.26	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	196.67	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	81.94	
		<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0815	EA	16" Tee, Push-On Joint Ductile Iron	1,882.38	181.49
		<i>For Cement Mortar Lining (CML), Add</i>	160.75	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	289.35	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	120.56	
		<i>Note: ANSI/AWWA C151/A21.51</i>		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 14 13 13-0816	EA			18" Tee, Push-On Joint Ductile Iron..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,373.28 200.64 361.16 150.48	242.12
33 14 13 13-0817	EA			20" Tee, Push-On Joint Ductile Iron..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,801.96 235.44 423.79 176.58	295.43
33 14 13 13-0818	EA			24" Tee, Push-On Joint Ductile Iron..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,660.69 310.13 558.23 232.59	369.25

33 14 13 13-0819 Flanged End x Push-On Joint Ductile Iron Adapters (33 14 13 13-0774)

33 14 13 13-0820	EA			4" Flanged End x Push-On Joint Adapter, Ductile Iron <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	393.15 20.57 37.03 15.43	123.72
33 14 13 13-0821	EA			6" Flanged End x Push-On Joint Adapter, Ductile Iron <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	481.42 24.94 44.88 18.70	153.18
33 14 13 13-0822	EA			8" Flanged End x Push-On Joint Adapter, Ductile Iron <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	629.19 35.84 64.52 26.88	178.66
33 14 13 13-0823	EA			10" Flanged End x Push-On Joint Adapter, Ductile Iron <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	860.24 46.75 84.16 35.06	259.19
33 14 13 13-0824	EA			12" Flanged End x Push-On Joint Adapter, Ductile Iron <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,041.01 59.22 106.60 44.42	296.26
33 14 13 13-0825	EA			14" Flanged End x Push-On Joint Adapter, Ductile Iron <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,200.21 71.69 129.04 53.77	318.99
33 14 13 13-0826	EA			16" Flanged End x Push-On Joint Adapter, Ductile Iron <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,427.51 90.39 162.70 67.79	345.59
33 14 13 13-0827	EA			18" Flanged End x Push-On Joint Adapter, Ductile Iron <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,688.07 105.97 190.75 79.48	414.70
33 14 13 13-0828	EA			20" Flanged End x Push-On Joint Adapter, Ductile Iron <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,960.48 126.23 227.22 94.67	460.78

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33 14 13 13-0829	EA	24" Flanged End x Push-On Joint Adapter, Ductile Iron <i>For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51</i>	2,457.50 165.19 297.35 123.90	531.68
33 14 13 13-0830		Push-On Joint Ductile Iron Pipe And Fitting Restraints (33 14 13 13-0774) Note: Includes ductile iron follower gland, restraint ring and all nuts and bolts. Excludes pipe and fitting.		
33 14 13 13-0831	EA	4" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	36.78	19.26
33 14 13 13-0832	EA	6" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	49.23	25.13
33 14 13 13-0833	EA	8" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	64.40	25.63
33 14 13 13-0834	EA	10" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	74.26	27.22
33 14 13 13-0835	EA	12" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	87.00	30.23
33 14 13 13-0836	EA	14" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	107.26	34.02
33 14 13 13-0837	EA	16" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	125.77	38.87
33 14 13 13-0838	EA	18" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	140.70	42.12
33 14 13 13-0839	EA	20" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	164.96	50.54
33 14 13 13-0840	EA	24" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	193.16	52.49
33 14 13 13-0841		Push-On Joint Ductile Iron Bell Restraint Harness (MEGALUG® 1700 Series) (33 14 13 13-0774)		
33 14 13 13-0842	EA	4" Bell Restraint Harness, Ductile Iron (MEGALUG® 170400)	232.55	70.69
33 14 13 13-0843	EA	6" Bell Restraint Harness, Ductile Iron (MEGALUG® 170600)	307.64	86.30
33 14 13 13-0844	EA	8" Bell Restraint Harness, Ductile Iron (MEGALUG® 170800)	396.73	105.25
33 14 13 13-0845	EA	10" Bell Restraint Harness, Ductile Iron (MEGALUG® 171000)	601.02	128.39
33 14 13 13-0846	EA	12" Bell Restraint Harness, Ductile Iron (MEGALUG® 171200)	745.75	156.56
33 14 13 13-0847	EA	14" Bell Restraint Harness, Ductile Iron (MEGALUG® 171400)	1,293.94	191.02
33 14 13 13-0848	EA	16" Bell Restraint Harness, Ductile Iron (MEGALUG® 171600)	1,475.64	233.12
33 14 13 13-0849	EA	18" Bell Restraint Harness, Ductile Iron (MEGALUG® 171800)	1,673.05	284.32
33 14 13 13-0850	EA	20" Bell Restraint Harness, Ductile Iron (MEGALUG® 172000)	2,278.51	346.95
33 14 13 13-0851	EA	24" Bell Restraint Harness, Ductile Iron (MEGALUG® 172400)	2,908.11	423.19
33 14 13 13-0852		Ductile Iron Pipe Repair (33 14 13 13-0001) See CSI section 33 14 13 13-0002 for mechanical joint fittings.		
33 14 13 13-0853		WEKO Seals (33 14 13 13-0852) Note: Internal joint seal.		
33 14 13 13-0854	EA	16" WEKO Internal Joint Seal <i>For Extra Wide Seals, Add</i>	1,357.60 85.26	201.45
33 14 13 13-0855	EA	18" WEKO Internal Joint Seal <i>For Extra Wide Seals, Add</i>	1,445.40 86.12	212.73
33 14 13 13-0856	EA	20" WEKO Internal Joint Seal <i>For Extra Wide Seals, Add</i>	1,533.04 86.97	223.99
33 14 13 13-0857	EA	24" WEKO Internal Joint Seal <i>For Extra Wide Seals, Add</i>	1,626.51 88.33	241.91
33 14 13 23		Plastic Public Water Utility Distribution Piping (33 14 13)		
33 14 13 23-0001		AWWA C900/C905 Polyvinyl Chloride (PVC) Pipe (33 14 13 23) Note: Includes hub on one end of pipe. C900 is available in blue, white, purple or green.		
33 14 13 23-0002		AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe (33 14 13 23-0001)		
33 14 13 23-0003	LF	4" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	10.19	3.60
33 14 13 23-0004	LF	6" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	14.81	4.37
33 14 13 23-0005	LF	8" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	20.32	4.91
33 14 13 23-0006	LF	10" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	26.74	5.46
33 14 13 23-0007	LF	12" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	34.63	6.11
33 14 13 23-0008		AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe (33 14 13 23-0001)		
33 14 13 23-0009	LF	4" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	11.26	3.60
33 14 13 23-0010	LF	6" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	17.03	4.37
33 14 13 23-0011	LF	8" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	24.05	4.91
33 14 13 23-0012	LF	10" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	32.55	5.46
33 14 13 23-0013	LF	12" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	42.74	6.11
33 14 13 23-0014		AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe (33 14 13 23-0001)		
33 14 13 23-0015	LF	4" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	12.31	3.60
33 14 13 23-0016	LF	6" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	19.23	4.37
33 14 13 23-0017	LF	8" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	27.79	4.91
33 14 13 23-0018	LF	10" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	38.24	5.46
33 14 13 23-0019	LF	12" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	50.85	6.11
33 14 13 23-0020		AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe (33 14 13 23-0001)		
33 14 13 23-0021	LF	18" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	54.39	9.17
33 14 13 23-0022	LF	20" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	66.33	10.92
33 14 13 23-0023	LF	24" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	89.02	13.10
33 14 13 23-0024	LF	30" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	128.77	15.28

	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0025	LF 36" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	177.89	17.47
33 14 13 23-0026	LF 42" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	225.53	18.56
33 14 13 23-0027	LF 48" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	285.78	19.98
33 14 13 23-0028	AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe <small>(33 14 13 23-0001)</small>		
33 14 13 23-0029	LF 14" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	40.15	6.88
33 14 13 23-0030	LF 16" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	50.40	7.64
33 14 13 23-0031	LF 18" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	62.52	9.17
33 14 13 23-0032	LF 20" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	76.88	10.92
33 14 13 23-0033	LF 24" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	105.30	13.10
33 14 13 23-0034	LF 30" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	152.11	15.28
33 14 13 23-0035	LF 36" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	209.15	17.47
33 14 13 23-0036	LF 42" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	277.53	18.56
33 14 13 23-0037	LF 48" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	353.24	19.98
33 14 13 23-0038	AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe <small>(33 14 13 23-0001)</small>		
33 14 13 23-0039	LF 14" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	46.41	6.88
33 14 13 23-0040	LF 16" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	59.08	7.64
33 14 13 23-0041	LF 18" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	73.30	9.17
33 14 13 23-0042	LF 20" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	90.87	10.92
33 14 13 23-0043	LF 24" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	125.39	13.10
33 14 13 23-0044	LF 30" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	182.29	15.28
33 14 13 23-0045	LF 36" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	253.21	17.47
33 14 13 23-0046	LF 42" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	329.72	18.56
33 14 13 23-0047	LF 48" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	421.35	19.98
33 14 13 23-0048	AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe <small>(33 14 13 23-0001)</small>		
33 14 13 23-0049	LF 14" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	57.10	6.88
33 14 13 23-0050	LF 16" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	71.78	7.64
33 14 13 23-0051	LF 18" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	89.65	9.17
33 14 13 23-0052	LF 20" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	110.61	10.92
33 14 13 23-0053	LF 24" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	153.86	13.10
33 14 13 23-0054	LF 30" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	226.97	15.28
33 14 13 23-0055	LF 36" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	321.90	17.47
33 14 13 23-0056	LF 42" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	430.47	18.56
33 14 13 23-0057	LF 48" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	556.55	19.98
33 14 13 23-0058	AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe <small>(33 14 13 23-0001)</small>		
33 14 13 23-0059	LF 14" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	65.13	6.88
33 14 13 23-0060	LF 16" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	82.24	7.64
33 14 13 23-0061	LF 18" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	102.83	9.17
33 14 13 23-0062	LF 20" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	127.03	10.92
33 14 13 23-0063	LF 24" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	177.48	13.10
33 14 13 23-0064	LF 30" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	263.32	15.28
33 14 13 23-0065	LF 36" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	374.99	17.47
33 14 13 23-0066	LF 42" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	503.22	18.56
33 14 13 23-0067	AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe <small>(33 14 13 23-0001)</small>		
33 14 13 23-0068	LF 14" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	72.96	6.88
33 14 13 23-0069	LF 16" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	92.40	7.64
33 14 13 23-0070	LF 18" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	115.65	9.17
33 14 13 23-0071	LF 20" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	143.01	10.92
33 14 13 23-0072	LF 24" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	200.46	13.10
33 14 13 23-0073	LF 30" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	298.67	15.28
33 14 13 23-0074	LF 36" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	426.65	17.47
33 14 13 23-0075	AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) Fittings <small>(33 14 13 23)</small>		
	Note: Includes rubber gaskets.		
33 14 13 23-0076	90 Degree Elbows, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <small>(33 14 13 23-0075)</small>		
33 14 13 23-0077	EA 4" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	201.38	12.12
	For DR 25, Deduct	-10.63	
33 14 13 23-0078	EA 6" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	413.95	13.63
	For DR 25, Deduct	-23.20	
33 14 13 23-0079	EA 8" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	622.57	15.15
	For DR 25, Deduct	-35.54	
33 14 13 23-0080	EA 10" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	951.33	24.42
	For DR 25, Deduct	-54.15	
33 14 13 23-0081	EA 12" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,236.99	40.71
	For DR 25, Deduct	-69.34	
33 14 13 23-0082	EA 14" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,858.87	50.88
	For DR 25, Deduct	-105.43	
33 14 13 23-0083	EA 16" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,218.29	61.06
	For DR 25, Deduct	-125.77	
33 14 13 23-0084	EA 18" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,809.25	81.41
	For DR 25, Deduct	-218.79	
33 14 13 23-0085	EA 20" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,689.15	101.76
	For DR 25, Deduct	-269.14	

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**
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 TOTAL DIRECT DEMOLITION
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33 14 13 23-0086	EA	24"	90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	7,787.64	137.38
			<i>For DR 25, Deduct</i>	-450.77	
33 14 13 23-0087 45 Degree Elbows, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <small>(33 14 13 23-0075)</small>					
33 14 13 23-0088	EA	4"	45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	178.26	12.12
			<i>For DR 25, Deduct</i>	-9.24	
33 14 13 23-0089	EA	6"	45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	309.06	13.63
			<i>For DR 25, Deduct</i>	-16.91	
33 14 13 23-0090	EA	8"	45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	391.95	15.15
			<i>For DR 25, Deduct</i>	-21.70	
33 14 13 23-0091	EA	10"	45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	554.72	24.42
			<i>For DR 25, Deduct</i>	-30.35	
33 14 13 23-0092	EA	12"	45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	740.70	40.71
			<i>For DR 25, Deduct</i>	-39.56	
33 14 13 23-0093	EA	14"	45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,427.16	50.88
			<i>For DR 25, Deduct</i>	-79.52	
33 14 13 23-0094	EA	16"	45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,809.31	61.06
			<i>For DR 25, Deduct</i>	-101.23	
33 14 13 23-0095	EA	18"	45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,125.46	81.41
			<i>For DR 25, Deduct</i>	-177.76	
33 14 13 23-0096	EA	20"	45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,881.90	101.76
			<i>For DR 25, Deduct</i>	-220.70	
33 14 13 23-0097	EA	24"	45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,478.86	137.38
			<i>For DR 25, Deduct</i>	-312.25	
33 14 13 23-0098 22-1/2 Degree Elbows, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <small>(33 14 13 23-0075)</small>					
33 14 13 23-0099	EA	4"	22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	175.44	12.12
			<i>For DR 25, Deduct</i>	-9.07	
33 14 13 23-0100	EA	6"	22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	309.06	13.63
			<i>For DR 25, Deduct</i>	-16.91	
33 14 13 23-0101	EA	8"	22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	391.96	15.15
			<i>For DR 25, Deduct</i>	-21.70	
33 14 13 23-0102	EA	10"	22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	554.73	24.42
			<i>For DR 25, Deduct</i>	-30.35	
33 14 13 23-0103	EA	12"	22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	740.70	40.71
			<i>For DR 25, Deduct</i>	-39.56	
33 14 13 23-0104	EA	14"	22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,423.07	48.85
			<i>For DR 25, Deduct</i>	-79.52	
33 14 13 23-0105	EA	16"	22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,809.29	61.06
			<i>For DR 25, Deduct</i>	-101.23	
33 14 13 23-0106	EA	18"	22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,125.46	81.41
			<i>For DR 25, Deduct</i>	-177.76	
33 14 13 23-0107	EA	20"	22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,881.90	101.76
			<i>For DR 25, Deduct</i>	-220.70	
33 14 13 23-0108	EA	24"	22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,478.86	137.38
			<i>For DR 25, Deduct</i>	-312.25	
33 14 13 23-0109 11-1/4 Degree Elbows, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <small>(33 14 13 23-0075)</small>					
33 14 13 23-0110	EA	4"	11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	154.73	12.12
			<i>For DR 25, Deduct</i>	-7.83	
33 14 13 23-0111	EA	6"	11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	309.06	13.63
			<i>For DR 25, Deduct</i>	-16.91	
33 14 13 23-0112	EA	8"	11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	391.96	15.15
			<i>For DR 25, Deduct</i>	-21.70	
33 14 13 23-0113	EA	10"	11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	554.73	24.42
			<i>For DR 25, Deduct</i>	-30.35	
33 14 13 23-0114	EA	12"	11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	740.70	40.71
			<i>For DR 25, Deduct</i>	-39.56	
33 14 13 23-0115	EA	14"	11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,423.07	48.85
			<i>For DR 25, Deduct</i>	-79.52	
33 14 13 23-0116	EA	16"	11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,809.29	61.06
			<i>For DR 25, Deduct</i>	-101.23	
33 14 13 23-0117	EA	18"	11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,125.46	81.41
			<i>For DR 25, Deduct</i>	-177.76	
33 14 13 23-0118	EA	20"	11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,881.90	101.76
			<i>For DR 25, Deduct</i>	-220.70	
33 14 13 23-0119	EA	24"	11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,478.86	137.38
			<i>For DR 25, Deduct</i>	-312.25	
33 14 13 23-0120 Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <small>(33 14 13 23-0075)</small>					
33 14 13 23-0121	EA	4"	Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	239.46	13.63
			<i>For DR 25, Deduct</i>	-12.73	
33 14 13 23-0122	EA	6"	Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	464.08	15.15
			<i>For DR 25, Deduct</i>	-26.03	
33 14 13 23-0123	EA	8"	Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	648.18	17.17
			<i>For DR 25, Deduct</i>	-36.83	
33 14 13 23-0124	EA	10"	Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,338.10	30.53
			<i>For DR 25, Deduct</i>	-76.62	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0125 EA 12" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	1,630.53 -90.51	61.06
33 14 13 23-0126 EA 14" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	2,948.63 -167.76	76.32
33 14 13 23-0127 EA 16" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	3,652.51 -208.16	91.59
33 14 13 23-0128 EA 18" Tee, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	4,607.85 -261.82	122.12
33 14 13 23-0129 EA 20" Tee, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	5,532.78 -313.65	152.64
33 14 13 23-0130 EA 24" Tee, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	7,602.76 -443.71	103.80
33 14 13 23-0131 Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <small>(33 14 13 23-0075)</small>		
33 14 13 23-0132 EA 6" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	461.44 -25.32	19.69
33 14 13 23-0133 EA 8" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	628.45 -35.16	21.21
33 14 13 23-0134 EA 8" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	644.15 -36.01	21.97
33 14 13 23-0135 EA 10" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	836.56 -46.53	30.53
33 14 13 23-0136 EA 10" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	1,134.13 -64.29	31.29
33 14 13 23-0137 EA 10" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	1,213.41 -68.96	32.06
33 14 13 23-0138 EA 12" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	1,284.98 -71.48	46.81
33 14 13 23-0139 EA 12" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	1,475.74 -82.84	47.57
33 14 13 23-0140 EA 12" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	1,565.84 -88.15	48.33
33 14 13 23-0141 EA 12" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	1,594.92 -89.35	52.92
33 14 13 23-0142 EA 14" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	2,425.06 -138.91	54.95
33 14 13 23-0143 EA 14" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	2,522.77 -144.68	55.72
33 14 13 23-0144 EA 14" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	2,620.72 -150.47	56.48
33 14 13 23-0145 EA 14" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	2,725.75 -156.22	61.06
33 14 13 23-0146 EA 14" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	2,838.25 -161.99	69.20
33 14 13 23-0147 EA 16" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	3,026.56 -173.53	67.16
33 14 13 23-0148 EA 16" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	3,122.71 -179.30	67.16
33 14 13 23-0149 EA 16" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	3,220.43 -185.07	67.93
33 14 13 23-0150 EA 16" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	3,318.15 -190.85	68.69
33 14 13 23-0151 EA 16" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	3,439.73 -196.62	81.41
33 14 13 23-0152 EA 16" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	3,544.06 -202.39	85.48
33 14 13 23-0153 EA 18" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	3,739.81 -213.89	87.51
33 14 13 23-0154 EA 18" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	3,838.21 -219.70	88.28
33 14 13 23-0155 EA 18" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	3,935.90 -225.47	89.04
33 14 13 23-0156 EA 18" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	4,041.24 -231.24	93.62
33 14 13 23-0157 EA 18" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	4,153.66 -237.01	101.76
33 14 13 23-0158 EA 18" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	4,257.32 -242.74	105.83
33 14 13 23-0159 EA 18" x 16" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	4,388.96 -249.91	111.94
33 14 13 23-0160 EA 20" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	4,743.60 -271.67	107.86
33 14 13 23-0161 EA 20" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	4,909.36 -281.53	108.63
33 14 13 23-0162 EA 20" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	4,974.54 -285.35	109.39
33 14 13 23-0163 EA 20" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	5,047.47 -289.17	113.97
33 14 13 23-0164 EA 20" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	5,127.43 -292.99	122.12
33 14 13 23-0165 EA 20" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	5,238.83 -299.19	126.18
33 14 13 23-0166 EA 20" x 16" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	5,354.33 -305.39	132.29
33 14 13 23-0167 EA 20" x 18" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	5,443.55 -309.52	142.47

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

33 14 13 23-0168	EA 24" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,583.32	143.48
	<i>For DR 25, Deduct</i>	-317.78	
33 14 13 23-0169	EA 24" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,653.77	144.25
	<i>For DR 25, Deduct</i>	-321.92	
33 14 13 23-0170	EA 24" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,724.18	145.01
	<i>For DR 25, Deduct</i>	-326.05	
33 14 13 23-0171	EA 24" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,013.47	149.59
	<i>For DR 25, Deduct</i>	-342.86	
33 14 13 23-0172	EA 24" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,309.88	157.72
	<i>For DR 25, Deduct</i>	-359.67	
33 14 13 23-0173	EA 24" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,598.17	161.80
	<i>For DR 25, Deduct</i>	-376.47	
33 14 13 23-0174	EA 24" x 16" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,890.52	167.90
	<i>For DR 25, Deduct</i>	-393.28	
33 14 13 23-0175	EA 24" x 18" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	7,191.03	178.08
	<i>For DR 25, Deduct</i>	-410.09	
33 14 13 23-0176	EA 24" x 20" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	7,491.52	188.25
	<i>For DR 25, Deduct</i>	-426.90	

33 14 13 23-0177 Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) (33 14 13 23-0075)

33 14 13 23-0178	EA 4" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	331.40	24.24
	<i>For DR 25, Deduct</i>	-16.98	
33 14 13 23-0179	EA 6" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	597.52	27.27
	<i>For DR 25, Deduct</i>	-32.58	
33 14 13 23-0180	EA 8" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	828.28	30.30
	<i>For DR 25, Deduct</i>	-46.06	
33 14 13 23-0181	EA 10" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,693.33	48.85
	<i>For DR 25, Deduct</i>	-95.74	
33 14 13 23-0182	EA 12" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,008.03	61.06
	<i>For DR 25, Deduct</i>	-113.15	
33 14 13 23-0183	EA 14" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,658.00	81.41
	<i>For DR 25, Deduct</i>	-209.71	
33 14 13 23-0184	EA 16" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,539.49	101.76
	<i>For DR 25, Deduct</i>	-260.17	
33 14 13 23-0185	EA 18" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,781.00	162.81
	<i>For DR 25, Deduct</i>	-327.32	
33 14 13 23-0186	EA 20" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,941.53	203.52
	<i>For DR 25, Deduct</i>	-392.07	
33 14 13 23-0187	EA 24" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	9,792.90	274.75
	<i>For DR 25, Deduct</i>	-554.60	

33 14 13 23-0188 Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) (33 14 13 23-0075)

33 14 13 23-0189	EA 6" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	579.49	25.75
	<i>For DR 25, Deduct</i>	-31.68	
33 14 13 23-0190	EA 8" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	787.99	27.27
	<i>For DR 25, Deduct</i>	-44.01	
33 14 13 23-0191	EA 8" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	808.01	28.78
	<i>For DR 25, Deduct</i>	-45.03	
33 14 13 23-0192	EA 10" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,213.86	36.63
	<i>For DR 25, Deduct</i>	-68.44	
33 14 13 23-0193	EA 10" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,415.92	38.16
	<i>For DR 25, Deduct</i>	-80.38	
33 14 13 23-0194	EA 10" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,555.70	39.68
	<i>For DR 25, Deduct</i>	-88.58	
33 14 13 23-0195	EA 12" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,595.52	52.92
	<i>For DR 25, Deduct</i>	-89.38	
33 14 13 23-0196	EA 12" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,834.55	54.44
	<i>For DR 25, Deduct</i>	-103.54	
33 14 13 23-0197	EA 12" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,948.34	55.97
	<i>For DR 25, Deduct</i>	-110.18	
33 14 13 23-0198	EA 12" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,991.46	65.13
	<i>For DR 25, Deduct</i>	-111.67	
33 14 13 23-0199	EA 14" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,016.06	61.06
	<i>For DR 25, Deduct</i>	-173.64	
33 14 13 23-0200	EA 14" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,138.97	62.59
	<i>For DR 25, Deduct</i>	-180.83	
33 14 13 23-0201	EA 14" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,263.21	64.11
	<i>For DR 25, Deduct</i>	-188.10	
33 14 13 23-0202	EA 14" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,402.22	73.27
	<i>For DR 25, Deduct</i>	-195.34	
33 14 13 23-0203	EA 14" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,554.55	89.54
	<i>For DR 25, Deduct</i>	-202.53	
33 14 13 23-0204	EA 16" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,761.25	73.27
	<i>For DR 25, Deduct</i>	-216.88	
33 14 13 23-0205	EA 16" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,885.79	74.80
	<i>For DR 25, Deduct</i>	-224.17	
33 14 13 23-0206	EA 16" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,008.99	76.32
	<i>For DR 25, Deduct</i>	-231.38	
33 14 13 23-0207	EA 16" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,147.89	85.48
	<i>For DR 25, Deduct</i>	-238.62	
33 14 13 23-0208	EA 16" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,214.60	101.76
	<i>For DR 25, Deduct</i>	-240.66	
33 14 13 23-0209	EA 16" x 14" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,436.55	109.90
	<i>For DR 25, Deduct</i>	-253.00	

MINOR					TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION			UNIT COST	UNIT COST
33 14 13 23-0210	EA	18" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,643.83		93.62	
		<i>For DR 25, Deduct</i>	-267.40			
33 14 13 23-0211	EA	18" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,768.08		95.15	
		<i>For DR 25, Deduct</i>	-274.67			
33 14 13 23-0212	EA	18" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,891.46		96.68	
		<i>For DR 25, Deduct</i>	-281.89			
33 14 13 23-0213	EA	18" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	5,028.55		105.83	
		<i>For DR 25, Deduct</i>	-289.01			
33 14 13 23-0214	EA	18" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	5,182.32		122.12	
		<i>For DR 25, Deduct</i>	-296.29			
33 14 13 23-0215	EA	18" x 14" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	5,318.39		130.25	
		<i>For DR 25, Deduct</i>	-303.47			
33 14 13 23-0216	EA	18" x 16" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	5,491.86		142.47	
		<i>For DR 25, Deduct</i>	-312.42			
33 14 13 23-0217	EA	20" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	5,888.36		113.97	
		<i>For DR 25, Deduct</i>	-339.62			
33 14 13 23-0218	EA	20" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	6,096.34		115.50	
		<i>For DR 25, Deduct</i>	-351.92			
33 14 13 23-0219	EA	20" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	6,179.58		117.03	
		<i>For DR 25, Deduct</i>	-356.73			
33 14 13 23-0220	EA	20" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	6,277.22		126.18	
		<i>For DR 25, Deduct</i>	-361.49			
33 14 13 23-0221	EA	20" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	6,389.12		142.47	
		<i>For DR 25, Deduct</i>	-366.25			
33 14 13 23-0222	EA	20" x 14" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	6,533.59		150.60	
		<i>For DR 25, Deduct</i>	-373.94			
33 14 13 23-0223	EA	20" x 16" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	6,688.76		162.81	
		<i>For DR 25, Deduct</i>	-381.79			
33 14 13 23-0224	EA	20" x 18" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	6,815.31		183.17	
		<i>For DR 25, Deduct</i>	-386.94			
33 14 13 23-0225	EA	24" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	6,881.39		149.59	
		<i>For DR 25, Deduct</i>	-394.93			
33 14 13 23-0226	EA	24" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	7,009.24		151.12	
		<i>For DR 25, Deduct</i>	-402.42			
33 14 13 23-0227	EA	24" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	7,098.75		152.64	
		<i>For DR 25, Deduct</i>	-407.61			
33 14 13 23-0228	EA	24" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	7,466.84		161.80	
		<i>For DR 25, Deduct</i>	-428.59			
33 14 13 23-0229	EA	24" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	7,849.31		178.08	
		<i>For DR 25, Deduct</i>	-449.59			
33 14 13 23-0230	EA	24" x 14" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	8,215.40		186.22	
		<i>For DR 25, Deduct</i>	-470.58			
33 14 13 23-0231	EA	24" x 16" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	8,591.16		198.43	
		<i>For DR 25, Deduct</i>	-491.66			
33 14 13 23-0232	EA	24" x 18" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	8,980.95		218.78	
		<i>For DR 25, Deduct</i>	-512.60			
33 14 13 23-0233	EA	24" x 20" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	9,372.22		239.14	
		<i>For DR 25, Deduct</i>	-533.64			
33 14 13 23-0234 Couplings, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) (33 14 13 23-0075)						
33 14 13 23-0235	EA	4" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	119.64		12.12	
		<i>For DR 25, Deduct</i>	-5.72			
33 14 13 23-0236	EA	6" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	224.19		13.63	
		<i>For DR 25, Deduct</i>	-11.82			
33 14 13 23-0237	EA	8" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	270.02		15.15	
		<i>For DR 25, Deduct</i>	-14.38			
33 14 13 23-0238	EA	10" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	384.18		24.42	
		<i>For DR 25, Deduct</i>	-20.12			
33 14 13 23-0239	EA	12" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	612.03		30.53	
		<i>For DR 25, Deduct</i>	-33.06			
33 14 13 23-0240	EA	14" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,063.22		40.71	
		<i>For DR 25, Deduct</i>	-58.91			
33 14 13 23-0241	EA	16" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,259.21		50.88	
		<i>For DR 25, Deduct</i>	-69.45			
33 14 13 23-0242	EA	18" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,019.05		81.41	
		<i>For DR 25, Deduct</i>	-171.37			
33 14 13 23-0243	EA	20" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,383.40		101.76	
		<i>For DR 25, Deduct</i>	-190.79			
33 14 13 23-0244	EA	24" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,764.56		137.38	
		<i>For DR 25, Deduct</i>	-269.39			
33 14 13 23-0245 Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) (33 14 13 23-0075)						
33 14 13 23-0246	EA	4" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	148.69		12.12	
		<i>For DR 25, Deduct</i>	-7.47			
33 14 13 23-0247	EA	6" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	202.39		13.63	
		<i>For DR 25, Deduct</i>	-10.51			
33 14 13 23-0248	EA	8" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	294.85		15.15	
		<i>For DR 25, Deduct</i>	-15.87			
33 14 13 23-0249	EA	10" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	403.54		24.42	
		<i>For DR 25, Deduct</i>	-21.28			
33 14 13 23-0250	EA	12" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	646.50		40.71	
		<i>For DR 25, Deduct</i>	-33.91			
33 14 13 23-0251	EA	14" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,722.67		48.85	
		<i>For DR 25, Deduct</i>	-97.50			

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
33 14 13 23-0252	EA 16" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	2,332.47	61.06
	<i>For DR 25, Deduct</i>	-132.62	
33 14 13 23-0253	EA 18" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	2,873.23	81.41
	<i>For DR 25, Deduct</i>	-162.63	
33 14 13 23-0254	EA 20" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,432.23	101.76
	<i>For DR 25, Deduct</i>	-193.72	
33 14 13 23-0255	EA 24" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,662.67	137.38
	<i>For DR 25, Deduct</i>	-263.28	
33 14 13 23-0256	Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Piping (33 14 13 23)		
33 14 13 23-0257	Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe (33 14 13 23-0256)		
33 14 13 23-0258	LF 3/4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe.....	2.53	0.81
	<i>For >1,000, Deduct</i>	-0.13	
	<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.08	
33 14 13 23-0259	LF 1" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe.....	2.84	0.87
	<i>For >1,000, Deduct</i>	-0.14	
	<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.10	
33 14 13 23-0260	LF 1-1/4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe.....	3.44	0.95
	<i>For >1,000, Deduct</i>	-0.17	
	<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.16	
33 14 13 23-0261	LF 1-1/2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe.....	4.08	1.05
	<i>For >1,000, Deduct</i>	-0.20	
	<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.22	
33 14 13 23-0262	LF 2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe.....	5.64	1.18
	<i>For >1,000, Deduct</i>	-0.28	
	<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.41	
33 14 13 23-0263	LF 2-1/2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe.....	7.62	1.34
	<i>For >1,000, Deduct</i>	-0.38	
	<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.64	
33 14 13 23-0264	LF 3" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe.....	9.55	1.48
	<i>For >1,000, Deduct</i>	-0.48	
	<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.88	
33 14 13 23-0265	LF 4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe.....	14.12	1.82
	<i>For >1,000, Deduct</i>	-0.71	
	<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	1.44	
33 14 13 23-0266	LF 6" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe.....	26.63	2.31
	<i>For >1,000, Deduct</i>	-1.33	
	<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	3.13	
33 14 13 23-0267	LF 8" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe.....	43.46	3.26
	<i>For >1,000, Deduct</i>	-2.17	
	<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	5.30	
33 14 13 23-0268	LF 10" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe.....	65.81	4.36
	<i>For >1,000, Deduct</i>	-3.29	
	<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	8.24	
33 14 13 23-0269	LF 12" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe.....	92.03	5.86
	<i>For >1,000, Deduct</i>	-4.60	
	<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	11.61	
33 14 13 23-0270	90 Degree Elbows, Class 200, SDR 21 Polyvinyl Chloride (PVC) (33 14 13 23-0256)		
33 14 13 23-0271	EA 3/4", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	24.82	9.70
33 14 13 23-0272	EA 1", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	31.57	12.12
33 14 13 23-0273	EA 1-1/4", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	40.01	15.15
33 14 13 23-0274	EA 1-1/2", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	72.23	16.76
33 14 13 23-0275	EA 2", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	77.07	18.79
33 14 13 23-0276	EA 2-1/2", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	92.93	21.31
33 14 13 23-0277	EA 3", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	103.82	23.72
33 14 13 23-0278	EA 4", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	151.67	29.13
33 14 13 23-0279	EA 6", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	228.45	37.00
33 14 13 23-0280	EA 8", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	393.14	48.58
33 14 13 23-0281	EA 10", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	472.79	64.99
33 14 13 23-0282	EA 12", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	621.82	87.48
33 14 13 23-0283	45 Degree Elbows, Class 200, SDR 21 Polyvinyl Chloride (PVC) (33 14 13 23-0256)		
33 14 13 23-0284	EA 3/4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	25.64	9.70
33 14 13 23-0285	EA 1" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	32.15	12.12
33 14 13 23-0286	EA 1-1/4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	40.36	15.15
33 14 13 23-0287	EA 1-1/2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	61.56	16.76
33 14 13 23-0288	EA 2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	78.06	18.79
33 14 13 23-0289	EA 2-1/2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	96.96	21.31
33 14 13 23-0290	EA 3" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	102.12	23.72
33 14 13 23-0291	EA 4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	148.00	29.13
33 14 13 23-0292	EA 6" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	221.04	37.00
33 14 13 23-0293	EA 8" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	379.02	48.58
33 14 13 23-0294	EA 10" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	414.29	64.99
33 14 13 23-0295	EA 12" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	540.86	87.48
33 14 13 23-0296	Tees Or Wyes, Class 200, SDR 21 Polyvinyl Chloride (PVC) (33 14 13 23-0256)		
33 14 13 23-0297	EA 3/4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	37.18	14.54
33 14 13 23-0298	EA 1" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	47.12	18.28
33 14 13 23-0299	EA 1-1/4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	59.30	22.82
33 14 13 23-0300	EA 1-1/2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	95.23	25.26
33 14 13 23-0301	EA 2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	109.55	28.08

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0302	EA	2-1/2"	Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	128.99	32.02
33 14 13 23-0303	EA	3"	Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	160.26	35.48
33 14 13 23-0304	EA	4"	Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	216.62	43.74
33 14 13 23-0305	EA	6"	Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	393.79	55.60
33 14 13 23-0306	EA	8"	Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	611.45	72.87
33 14 13 23-0307	EA	10"	Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	694.29	104.51
33 14 13 23-0308	EA	12"	Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	848.70	140.63
33 14 13 23-0309			Couplings, Class 200, SDR 21 Polyvinyl Chloride (PVC) ^(33 14 13 23-0256)		
33 14 13 23-0310	EA	3/4"	Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	16.68	6.47
33 14 13 23-0311	EA	1"	Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	22.60	8.69
33 14 13 23-0312	EA	1-1/4"	Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	30.58	11.41
33 14 13 23-0313	EA	1-1/2"	Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	49.30	12.63
33 14 13 23-0314	EA	2"	Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	54.05	14.04
33 14 13 23-0315	EA	2-1/2"	Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	61.46	15.96
33 14 13 23-0316	EA	3"	Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	71.23	17.74
33 14 13 23-0317	EA	4"	Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	102.95	21.82
33 14 13 23-0318	EA	6"	Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	154.32	27.80
33 14 13 23-0319	EA	8"	Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	284.44	36.43
33 14 13 23-0320	EA	10"	Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	324.19	52.30
33 14 13 23-0321	EA	12"	Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	405.83	70.32
33 14 13 23-0322			Schedule 40 Polyvinyl Chloride (PVC) Pipe And Fittings ^(33 14 13 23)		
33 14 13 23-0323			Schedule 40 Polyvinyl Chloride (PVC) Pipe ^(33 14 13 23-0322)		
33 14 13 23-0324	LF	3/4"	Schedule 40 Polyvinyl Chloride (PVC) Pipe.....	2.94	0.81
			For >1,000, Deduct	-0.15	
			For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.14	
33 14 13 23-0325	LF	1"	Schedule 40 Polyvinyl Chloride (PVC) Pipe.....	3.63	0.87
			For >1,000, Deduct	-0.18	
			For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.22	
33 14 13 23-0326	LF	1-1/2"	Schedule 40 Polyvinyl Chloride (PVC) Pipe.....	4.81	1.05
			For >1,000, Deduct	-0.24	
			For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.33	
33 14 13 23-0327	LF	2"	Schedule 40 Polyvinyl Chloride (PVC) Pipe.....	5.91	1.18
			For >1,000, Deduct	-0.30	
			For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.45	
33 14 13 23-0328	LF	2-1/2"	Schedule 40 Polyvinyl Chloride (PVC) Pipe.....	8.05	1.34
			For >1,000, Deduct	-0.40	
			For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.71	
33 14 13 23-0329	LF	3"	Schedule 40 Polyvinyl Chloride (PVC) Pipe.....	9.82	1.48
			For >1,000, Deduct	-0.49	
			For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.92	
33 14 13 23-0330	LF	4"	Schedule 40 Polyvinyl Chloride (PVC) Pipe.....	13.37	1.82
			For >1,000, Deduct	-0.67	
			For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	1.32	
33 14 13 23-0331	LF	6"	Schedule 40 Polyvinyl Chloride (PVC) Pipe.....	21.18	2.31
			For >1,000, Deduct	-1.06	
			For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	2.31	
33 14 13 23-0332			Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows ^(33 14 13 23-0322)		
33 14 13 23-0333	EA	3/4"	90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	25.12	9.70
33 14 13 23-0334	EA	1"	90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	31.74	12.12
33 14 13 23-0335	EA	1-1/2"	90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	44.35	16.76
33 14 13 23-0336	EA	2"	90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	50.59	18.79
33 14 13 23-0337	EA	2-1/2"	90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	63.19	21.31
33 14 13 23-0338	EA	3"	90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	71.27	23.72
33 14 13 23-0339	EA	4"	90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	97.19	29.13
33 14 13 23-0340	EA	6"	90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	170.11	37.00
33 14 13 23-0341			Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows ^(33 14 13 23-0322)		
33 14 13 23-0342	EA	3/4"	45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	25.05	9.70
33 14 13 23-0343	EA	1"	45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	31.67	12.12
33 14 13 23-0344	EA	1-1/2"	45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	44.39	16.76
33 14 13 23-0345	EA	2"	45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	50.31	18.79
33 14 13 23-0346	EA	2-1/2"	45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	62.43	21.31
33 14 13 23-0347	EA	3"	45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	70.38	23.72
33 14 13 23-0348	EA	4"	45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	95.39	29.13
33 14 13 23-0349	EA	6"	45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	164.38	37.00
33 14 13 23-0350			Schedule 40 Polyvinyl Chloride (PVC) Tees Or Wyes ^(33 14 13 23-0322)		
33 14 13 23-0351	EA	3/4"	Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	37.48	14.54
33 14 13 23-0352	EA	1"	Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	47.35	18.28
33 14 13 23-0353	EA	1-1/2"	Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	66.18	25.26
33 14 13 23-0354	EA	2"	Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	74.90	28.08
33 14 13 23-0355	EA	2-1/2"	Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	95.21	32.02
33 14 13 23-0356	EA	3"	Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	110.56	35.48
33 14 13 23-0357	EA	4"	Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	138.46	43.74
33 14 13 23-0358	EA	6"	Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	260.67	55.60

33 Utilities

33 10 Water Utilities

33 14 Water Utility Transmission and Distribution

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0359		Schedule 40 Polyvinyl Chloride (PVC) Couplings (33 14 13 23-0322)		
33 14 13 23-0360	EA	3/4" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	16.82	6.47
33 14 13 23-0361	EA	1" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	22.71	8.69
33 14 13 23-0362	EA	1-1/2" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	32.91	12.63
33 14 13 23-0363	EA	2" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	37.42	14.04
33 14 13 23-0364	EA	2-1/2" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	44.96	15.96
33 14 13 23-0365	EA	3" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	52.10	17.74
33 14 13 23-0366	EA	4" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	64.86	21.82
33 14 13 23-0367	EA	6" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	104.79	27.80
33 14 13 23-0368		Crosses, Schedule 40 Polyvinyl Chloride (PVC) (33 14 13 23-0322)		
33 14 13 23-0369	EA	3/4" Cross, Schedule 40 Polyvinyl Chloride (PVC)	50.25	19.40
33 14 13 23-0370	EA	1" Cross, Schedule 40 Polyvinyl Chloride (PVC)	63.06	24.34
33 14 13 23-0371	EA	1-1/2" Cross, Schedule 40 Polyvinyl Chloride (PVC)	88.22	33.64
33 14 13 23-0372	EA	2" Cross, Schedule 40 Polyvinyl Chloride (PVC)	99.86	37.47
33 14 13 23-0373	EA	2-1/2" Cross, Schedule 40 Polyvinyl Chloride (PVC)	126.87	42.63
33 14 13 23-0374	EA	3" Cross, Schedule 40 Polyvinyl Chloride (PVC)	147.29	47.35
33 14 13 23-0375	EA	4" Cross, Schedule 40 Polyvinyl Chloride (PVC)	184.44	58.25
33 14 13 23-0376	EA	6" Cross, Schedule 40 Polyvinyl Chloride (PVC)	346.85	74.10
33 14 13 23-0377		Schedule 80 Polyvinyl Chloride (PVC) Pipe And Fittings (33 14 13 23)		
33 14 13 23-0378		Schedule 80 Polyvinyl Chloride (PVC) Pipe (33 14 13 23-0377)		
33 14 13 23-0379	LF	1" Schedule 80 Polyvinyl Chloride (PVC) Pipe	4.08	0.87
		<i>For >1,000, Deduct</i>	-0.20	
		<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.29	
33 14 13 23-0380	LF	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pipe	5.71	1.05
		<i>For >1,000, Deduct</i>	-0.29	
		<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.46	
33 14 13 23-0381	LF	2" Schedule 80 Polyvinyl Chloride (PVC) Pipe	7.42	1.18
		<i>For >1,000, Deduct</i>	-0.37	
		<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.67	
33 14 13 23-0382	LF	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pipe	10.02	1.34
		<i>For >1,000, Deduct</i>	-0.50	
		<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	1.00	
33 14 13 23-0383	LF	3" Schedule 80 Polyvinyl Chloride (PVC) Pipe	12.58	1.48
		<i>For >1,000, Deduct</i>	-0.63	
		<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	1.33	
33 14 13 23-0384	LF	4" Schedule 80 Polyvinyl Chloride (PVC) Pipe	17.58	1.82
		<i>For >1,000, Deduct</i>	-0.88	
		<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	1.95	
33 14 13 23-0385	LF	6" Schedule 80 Polyvinyl Chloride (PVC) Pipe	30.56	2.31
		<i>For >1,000, Deduct</i>	-1.53	
		<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	3.72	
33 14 13 23-0386		Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows (33 14 13 23-0377)		
33 14 13 23-0387	EA	1" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC)	34.07	12.12
33 14 13 23-0388	EA	1-1/2" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC)	44.35	16.76
33 14 13 23-0389	EA	2" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC)	52.93	18.79
33 14 13 23-0390	EA	2-1/2" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC)	68.14	21.31
33 14 13 23-0391	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	75.88	23.72
33 14 13 23-0392	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	98.30	29.13
33 14 13 23-0393	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	164.86	37.00
33 14 13 23-0394		Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows (33 14 13 23-0377)		
33 14 13 23-0395	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	43.64	12.12
33 14 13 23-0396	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	53.57	16.76
33 14 13 23-0397	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	61.79	18.79
33 14 13 23-0398	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	84.77	21.31
33 14 13 23-0399	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	97.52	23.72
33 14 13 23-0400	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	141.81	29.13
33 14 13 23-0401	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	161.94	37.00
33 14 13 23-0402		Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes (33 14 13 23-0377)		
33 14 13 23-0403	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	52.25	18.28
33 14 13 23-0404	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	81.05	25.26
33 14 13 23-0405	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	92.63	28.08
33 14 13 23-0406	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	104.60	32.02
33 14 13 23-0407	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	119.55	35.48
33 14 13 23-0408	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	144.93	43.74
33 14 13 23-0409	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	260.44	55.60
33 14 13 23-0410		Schedule 80 Polyvinyl Chloride (PVC) Couplings (33 14 13 23-0377)		
33 14 13 23-0411	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Coupling	26.21	8.69
33 14 13 23-0412	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Coupling	38.92	12.63
33 14 13 23-0413	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Coupling	43.08	14.04
33 14 13 23-0414	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Coupling	59.48	15.96
33 14 13 23-0415	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Coupling	66.74	17.74
33 14 13 23-0416	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Coupling	82.64	21.82

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 14 13 23-0417	EA		6" Schedule 80 Polyvinyl Chloride (PVC) Coupling	129.64	27.80
33 14 13 23-0418			Crosses, Schedule 80 Polyvinyl Chloride (PVC) (33 14 13 23-0377)		
33 14 13 23-0419	EA		1" Schedule 80 Polyvinyl Chloride (PVC) Cross	69.56	24.34
33 14 13 23-0420	EA		1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Cross	107.96	33.64
33 14 13 23-0421	EA		2" Schedule 80 Polyvinyl Chloride (PVC) Cross	123.39	37.47
33 14 13 23-0422	EA		2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Cross	139.33	42.63
33 14 13 23-0423	EA		3" Schedule 80 Polyvinyl Chloride (PVC) Cross	159.21	47.35
33 14 13 23-0424	EA		4" Schedule 80 Polyvinyl Chloride (PVC) Cross	193.03	58.25
33 14 13 23-0425	EA		6" Schedule 80 Polyvinyl Chloride (PVC) Cross	346.54	74.10
33 14 13 23-0426			AWWA C906, High Density Polyethylene (HDPE) Pressure Piping (33 14 13 23)		
			Note: ASTM D3350 pipe, ASTM D2657 heat fusion.		
33 14 13 23-0427			High Density Polyethylene (HDPE) Pressure Pipe (33 14 13 23-0426)		
33 14 13 23-0428	LF		3" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	8.69	2.84
			For SDR 19, Add	0.27	
			For SDR 17, Add	0.66	
			For SDR 15.5, Add	0.96	
			For SDR 13.5, Add	1.50	
			For SDR 11, Add	2.42	
33 14 13 23-0429	LF		4" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	8.94	3.60
			For SDR 26, Deduct	-0.32	
			For SDR 19, Add	0.16	
			For SDR 17, Add	0.39	
			For SDR 15.5, Add	0.57	
			For SDR 13.5, Add	0.88	
			For SDR 11, Add	1.42	
33 14 13 23-0430	LF		6" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	12.49	4.37
			For SDR 26, Deduct	-0.69	
			For SDR 19, Add	0.34	
			For SDR 17, Add	0.84	
			For SDR 15.5, Add	1.22	
			For SDR 13.5, Add	1.91	
			For SDR 11, Add	3.07	
33 14 13 23-0431	LF		8" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	16.22	4.91
			For SDR 26, Deduct	-1.17	
			For SDR 19, Add	0.58	
			For SDR 17, Add	1.42	
			For SDR 15.5, Add	2.08	
			For SDR 13.5, Add	3.25	
			For SDR 11, Add	5.22	
33 14 13 23-0432	LF		10" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	20.85	5.46
			For SDR 26, Deduct	-1.82	
			For SDR 19, Add	0.89	
			For SDR 17, Add	2.21	
			For SDR 15.5, Add	3.23	
			For SDR 13.5, Add	5.04	
			For SDR 11, Add	8.12	
33 14 13 23-0433	LF		12" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	26.43	61.13
			For SDR 26, Deduct	-2.62	
			For SDR 19, Add	1.29	
			For SDR 17, Add	3.18	
			For SDR 15.5, Add	4.66	
			For SDR 13.5, Add	7.27	
			For SDR 11, Add	11.70	
33 14 13 23-0434	LF		14" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	30.47	6.88
			For SDR 26, Deduct	-3.08	
			For SDR 19, Add	1.51	
			For SDR 17, Add	3.74	
			For SDR 15.5, Add	5.48	
			For SDR 13.5, Add	8.55	
			For SDR 11, Add	13.76	
33 14 13 23-0435	LF		16" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	37.26	7.64
			For SDR 26, Deduct	-4.03	
			For SDR 19, Add	1.98	
			For SDR 17, Add	4.88	
			For SDR 15.5, Add	7.15	
			For SDR 13.5, Add	11.16	
			For SDR 11, Add	17.97	
33 14 13 23-0436	LF		18" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	46.17	9.17
			For SDR 26, Deduct	-5.09	
			For SDR 19, Add	2.50	
			For SDR 17, Add	6.17	
			For SDR 15.5, Add	9.04	
			For SDR 13.5, Add	14.11	
			For SDR 11, Add	22.71	
33 14 13 23-0437	LF		20" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	117.34	10.92
			For SDR 26, Deduct	-17.51	
			For SDR 19, Add	8.60	
			For SDR 17, Add	21.22	
			For SDR 15.5, Add	31.08	
			For SDR 13.5, Add	48.51	
			For SDR 11, Add	78.08	

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0438	LF	24"	DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	75.63	13.10
			<i>For SDR 26, Deduct</i>	-9.06	
			<i>For SDR 19, Add</i>	4.45	
			<i>For SDR 17, Add</i>	10.99	
			<i>For SDR 15.5, Add</i>	16.09	
			<i>For SDR 13.5, Add</i>	25.11	
			<i>For SDR 11, Add</i>	40.42	
33 14 13 23-0439			90 Degree Elbows, High Density Polyethylene (HDPE) Pressure Piping ^(33 14 13 23-0426)		
33 14 13 23-0440	EA	3"	90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	59.00	15.15
			<i>For SDR 26, Deduct</i>	-2.48	
			<i>For SDR 19, Add</i>	1.22	
			<i>For SDR 17, Add</i>	3.01	
			<i>For SDR 15.5, Add</i>	4.41	
			<i>For SDR 13.5, Add</i>	6.88	
			<i>For SDR 11, Add</i>	11.08	
33 14 13 23-0441	EA	4"	90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	66.64	16.84
			<i>For SDR 26, Deduct</i>	-2.96	
			<i>For SDR 19, Add</i>	1.45	
			<i>For SDR 17, Add</i>	3.59	
			<i>For SDR 15.5, Add</i>	5.25	
			<i>For SDR 13.5, Add</i>	8.20	
			<i>For SDR 11, Add</i>	13.19	
33 14 13 23-0442	EA	6"	90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	100.62	19.25
			<i>For SDR 26, Deduct</i>	-7.87	
			<i>For SDR 19, Add</i>	3.86	
			<i>For SDR 17, Add</i>	9.54	
			<i>For SDR 15.5, Add</i>	13.97	
			<i>For SDR 13.5, Add</i>	21.81	
			<i>For SDR 11, Add</i>	35.10	
33 14 13 23-0443	EA	8"	90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	157.12	22.46
			<i>For SDR 26, Deduct</i>	-16.45	
			<i>For SDR 19, Add</i>	8.08	
			<i>For SDR 17, Add</i>	19.94	
			<i>For SDR 15.5, Add</i>	29.21	
			<i>For SDR 13.5, Add</i>	45.59	
			<i>For SDR 11, Add</i>	73.38	
33 14 13 23-0444	EA	10"	90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	239.60	30.00
			<i>For SDR 26, Deduct</i>	-27.46	
			<i>For SDR 19, Add</i>	13.48	
			<i>For SDR 17, Add</i>	33.29	
			<i>For SDR 15.5, Add</i>	48.75	
			<i>For SDR 13.5, Add</i>	76.09	
			<i>For SDR 11, Add</i>	122.47	
33 14 13 23-0445	EA	12"	90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	354.01	44.90
			<i>For SDR 26, Deduct</i>	-40.21	
			<i>For SDR 19, Add</i>	19.74	
			<i>For SDR 17, Add</i>	48.75	
			<i>For SDR 15.5, Add</i>	71.39	
			<i>For SDR 13.5, Add</i>	111.42	
			<i>For SDR 11, Add</i>	179.34	
33 14 13 23-0446	EA	14"	90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	441.18	59.92
			<i>For SDR 26, Deduct</i>	-47.94	
			<i>For SDR 19, Add</i>	23.54	
			<i>For SDR 17, Add</i>	58.11	
			<i>For SDR 15.5, Add</i>	85.10	
			<i>For SDR 13.5, Add</i>	132.83	
			<i>For SDR 11, Add</i>	213.79	
33 14 13 23-0447	EA	16"	90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	582.44	89.79
			<i>For SDR 26, Deduct</i>	-57.41	
			<i>For SDR 19, Add</i>	28.19	
			<i>For SDR 17, Add</i>	69.59	
			<i>For SDR 15.5, Add</i>	101.91	
			<i>For SDR 13.5, Add</i>	159.06	
			<i>For SDR 11, Add</i>	256.02	
33 14 13 23-0448	EA	18"	90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	729.21	101.00
			<i>For SDR 26, Deduct</i>	-78.12	
			<i>For SDR 19, Add</i>	38.36	
			<i>For SDR 17, Add</i>	94.70	
			<i>For SDR 15.5, Add</i>	138.68	
			<i>For SDR 13.5, Add</i>	216.46	
			<i>For SDR 11, Add</i>	348.40	
33 14 13 23-0449	EA	20"	90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	988.32	114.64
			<i>For SDR 26, Deduct</i>	-117.47	
			<i>For SDR 19, Add</i>	57.68	
			<i>For SDR 17, Add</i>	142.40	
			<i>For SDR 15.5, Add</i>	208.54	
			<i>For SDR 13.5, Add</i>	325.50	
			<i>For SDR 11, Add</i>	523.92	
33 14 13 23-0450	EA	24"	90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	1,259.61	134.74
			<i>For SDR 26, Deduct</i>	-156.83	
			<i>For SDR 19, Add</i>	77.00	
			<i>For SDR 17, Add</i>	190.11	
			<i>For SDR 15.5, Add</i>	278.41	
			<i>For SDR 13.5, Add</i>	434.55	
			<i>For SDR 11, Add</i>	699.44	

33 14 13 23-0451 Tees, High Density Polyethylene (HDPE) Pressure Piping ^(33 14 13 23-0426)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 14 13 23-0452	EA		3" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	65.19	15.86
			<i>For SDR 26, Deduct</i>	-3.25	
			<i>For SDR 19, Add</i>	1.59	
			<i>For SDR 17, Add</i>	3.94	
			<i>For SDR 15.5, Add</i>	5.77	
			<i>For SDR 13.5, Add</i>	9.00	
			<i>For SDR 11, Add</i>	14.49	
33 14 13 23-0453	EA		4" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	74.70	17.96
			<i>For SDR 26, Deduct</i>	-3.82	
			<i>For SDR 19, Add</i>	1.88	
			<i>For SDR 17, Add</i>	4.64	
			<i>For SDR 15.5, Add</i>	6.79	
			<i>For SDR 13.5, Add</i>	10.59	
			<i>For SDR 11, Add</i>	17.05	
33 14 13 23-0454	EA		6" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	116.65	20.73
			<i>For SDR 26, Deduct</i>	-9.99	
			<i>For SDR 19, Add</i>	4.91	
			<i>For SDR 17, Add</i>	12.11	
			<i>For SDR 15.5, Add</i>	17.74	
			<i>For SDR 13.5, Add</i>	27.69	
			<i>For SDR 11, Add</i>	44.57	
33 14 13 23-0455	EA		8" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	211.74	24.50
			<i>For SDR 26, Deduct</i>	-25.35	
			<i>For SDR 19, Add</i>	12.45	
			<i>For SDR 17, Add</i>	30.73	
			<i>For SDR 15.5, Add</i>	45.01	
			<i>For SDR 13.5, Add</i>	70.25	
			<i>For SDR 11, Add</i>	113.07	
33 14 13 23-0456	EA		10" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	289.98	35.96
			<i>For SDR 26, Deduct</i>	-33.40	
			<i>For SDR 19, Add</i>	16.40	
			<i>For SDR 17, Add</i>	40.49	
			<i>For SDR 15.5, Add</i>	59.29	
			<i>For SDR 13.5, Add</i>	92.55	
			<i>For SDR 11, Add</i>	148.96	
33 14 13 23-0457	EA		12" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	410.46	53.94
			<i>For SDR 26, Deduct</i>	-45.61	
			<i>For SDR 19, Add</i>	22.39	
			<i>For SDR 17, Add</i>	55.29	
			<i>For SDR 15.5, Add</i>	80.97	
			<i>For SDR 13.5, Add</i>	126.38	
			<i>For SDR 11, Add</i>	203.41	
33 14 13 23-0458	EA		14" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	494.73	67.37
			<i>For SDR 26, Deduct</i>	-53.66	
			<i>For SDR 19, Add</i>	26.35	
			<i>For SDR 17, Add</i>	65.04	
			<i>For SDR 15.5, Add</i>	95.25	
			<i>For SDR 13.5, Add</i>	148.68	
			<i>For SDR 11, Add</i>	239.31	
33 14 13 23-0459	EA		16" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	650.77	101.00
			<i>For SDR 26, Deduct</i>	-63.72	
			<i>For SDR 19, Add</i>	31.29	
			<i>For SDR 17, Add</i>	77.24	
			<i>For SDR 15.5, Add</i>	113.12	
			<i>For SDR 13.5, Add</i>	176.56	
			<i>For SDR 11, Add</i>	284.18	
33 14 13 23-0460	EA		18" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	835.95	117.67
			<i>For SDR 26, Deduct</i>	-88.53	
			<i>For SDR 19, Add</i>	43.47	
			<i>For SDR 17, Add</i>	107.32	
			<i>For SDR 15.5, Add</i>	157.17	
			<i>For SDR 13.5, Add</i>	245.32	
			<i>For SDR 11, Add</i>	394.85	
33 14 13 23-0461	EA		20" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	1,166.25	138.99
			<i>For SDR 26, Deduct</i>	-136.49	
			<i>For SDR 19, Add</i>	67.02	
			<i>For SDR 17, Add</i>	165.46	
			<i>For SDR 15.5, Add</i>	242.30	
			<i>For SDR 13.5, Add</i>	378.20	
			<i>For SDR 11, Add</i>	608.74	
33 14 13 23-0462	EA		24" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	1,511.28	168.48
			<i>For SDR 26, Deduct</i>	-184.45	
			<i>For SDR 19, Add</i>	90.56	
			<i>For SDR 17, Add</i>	223.59	
			<i>For SDR 15.5, Add</i>	327.44	
			<i>For SDR 13.5, Add</i>	511.08	
			<i>For SDR 11, Add</i>	822.62	

33 14 13 26 Galvanized Steel Public Water Utility Distribution Piping (33 14 13)
 See CSI section 22 11 16 00-0013 for galvanized steel pipe.

33 14 13 36 Steel Public Water Utility Distribution Piping (33 14 13)

33 14 13 36-0001 Steel Piping (33 14 13 36)

33 14 13 36-0002 Welded, Plain End, Uncoated Steel Piping (33 14 13 36-0001)
 Note: ASTM A252 steel pipe.

33 14 13 36-0003 Up To 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Piping (33 14 13 36-0002)

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 14 13 36-0004	LF	8" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	97.86	27.27
		<i>For <100, Add</i>	11.09	
		<i>For >1,000, Deduct</i>	-4.89	
33 14 13 36-0005	LF	8" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	115.86	27.27
		<i>For <100, Add</i>	11.99	
		<i>For >1,000, Deduct</i>	-5.79	
33 14 13 36-0006	LF	10" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	115.87	29.75
		<i>For <100, Add</i>	12.56	
		<i>For >1,000, Deduct</i>	-5.79	
33 14 13 36-0007	LF	10" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	138.62	29.75
		<i>For <100, Add</i>	13.69	
		<i>For >1,000, Deduct</i>	-6.93	
33 14 13 36-0008	LF	12" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	139.24	31.17
		<i>For <100, Add</i>	14.05	
		<i>For >1,000, Deduct</i>	-6.96	
33 14 13 36-0009	LF	12" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	156.94	31.17
		<i>For <100, Add</i>	14.93	
		<i>For >1,000, Deduct</i>	-7.85	
33 14 13 36-0010	LF	14" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	168.01	34.45
		<i>For <100, Add</i>	16.23	
		<i>For >1,000, Deduct</i>	-8.40	
33 14 13 36-0011	LF	14" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	182.15	34.45
		<i>For <100, Add</i>	16.94	
		<i>For >1,000, Deduct</i>	-9.11	
33 14 13 36-0012	LF	16" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	178.27	36.37
		<i>For <100, Add</i>	17.18	
		<i>For >1,000, Deduct</i>	-8.91	
33 14 13 36-0013	LF	16" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	189.19	36.37
		<i>For <100, Add</i>	17.72	
		<i>For >1,000, Deduct</i>	-9.46	
33 14 13 36-0014	LF	18" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	220.04	40.91
		<i>For <100, Add</i>	20.30	
		<i>For >1,000, Deduct</i>	-11.00	
33 14 13 36-0015	LF	20" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	237.94	40.91
		<i>For <100, Add</i>	21.19	
		<i>For >1,000, Deduct</i>	-11.90	
33 14 13 36-0016		5/16" To 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Piping <small>(33 14 13 36-0002)</small>		
33 14 13 36-0017	LF	12" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	191.58	54.30
		<i>For <100, Add</i>	18.11	
		<i>For >1,000, Deduct</i>	-9.58	
33 14 13 36-0018	LF	14" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	226.70	59.74
		<i>For <100, Add</i>	20.77	
		<i>For >1,000, Deduct</i>	-11.34	
33 14 13 36-0019	LF	16" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	251.33	62.44
		<i>For <100, Add</i>	22.52	
		<i>For >1,000, Deduct</i>	-12.57	
33 14 13 36-0020	LF	18" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	283.48	70.59
		<i>For <100, Add</i>	25.37	
		<i>For >1,000, Deduct</i>	-14.17	
33 14 13 36-0021	LF	18" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	295.62	70.59
		<i>For <100, Add</i>	25.98	
		<i>For >1,000, Deduct</i>	-14.78	
33 14 13 36-0022	LF	20" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	306.84	70.59
		<i>For <100, Add</i>	26.54	
		<i>For >1,000, Deduct</i>	-15.34	
33 14 13 36-0023	LF	20" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	319.79	70.59
		<i>For <100, Add</i>	27.19	
		<i>For >1,000, Deduct</i>	-15.99	
33 14 13 36-0024	LF	24" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	370.50	81.45
		<i>For <100, Add</i>	31.32	
		<i>For >1,000, Deduct</i>	-18.53	
33 14 13 36-0025	LF	24" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	410.55	81.45
		<i>For <100, Add</i>	33.33	
		<i>For >1,000, Deduct</i>	-20.53	
33 14 13 36-0026	LF	24" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	508.84	81.45
		<i>For <100, Add</i>	38.24	
		<i>For >1,000, Deduct</i>	-25.44	
33 14 13 36-0027	LF	30" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	459.55	95.03
		<i>For <100, Add</i>	37.91	
		<i>For >1,000, Deduct</i>	-22.98	
33 14 13 36-0028	LF	30" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	475.94	95.03
		<i>For <100, Add</i>	38.73	
		<i>For >1,000, Deduct</i>	-23.80	
33 14 13 36-0029	LF	30" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	630.46	95.03
		<i>For <100, Add</i>	46.46	
		<i>For >1,000, Deduct</i>	-31.52	
33 14 13 36-0030	LF	36" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	544.50	95.03
		<i>For <100, Add</i>	42.16	
		<i>For >1,000, Deduct</i>	-27.23	
33 14 13 36-0031	LF	36" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	638.84	114.04
		<i>For <100, Add</i>	49.86	
		<i>For >1,000, Deduct</i>	-31.94	
33 14 13 36-0032	LF	36" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	758.67	114.04
		<i>For <100, Add</i>	55.85	
		<i>For >1,000, Deduct</i>	-37.93	

	MINOR	DESCRIPTION	TOTAL DIRECT	DEMOLITION
	CSI	UOM	UNIT COST	UNIT COST

33 14 13 36-0033	LF	36" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	728.74	114.04
		For <100, Add	54.36	
		For >1,000, Deduct	-36.44	
33 14 13 36-0034 Flexible Couplings (Dresser Style 38) (33 14 13 36-0001)				
33 14 13 36-0035	EA	2" Dresser Coupling For Plain End Welded Steel Pipe.....	114.60	27.79
33 14 13 36-0036	EA	3" Dresser Coupling For Plain End Welded Steel Pipe.....	170.75	53.44
33 14 13 36-0037	EA	4" Dresser Coupling For Plain End Welded Steel Pipe.....	227.24	70.55
33 14 13 36-0038	EA	6" Dresser Coupling For Plain End Welded Steel Pipe.....	361.46	106.89
33 14 13 36-0039	EA	8" Dresser Coupling For Plain End Welded Steel Pipe.....	472.28	134.67
33 14 13 36-0040	EA	10" Dresser Coupling For Plain End Welded Steel Pipe.....	633.64	157.09
33 14 13 36-0041	EA	12" Dresser Coupling For Plain End Welded Steel Pipe.....	753.38	196.88
33 14 13 36-0042	EA	14" Dresser Coupling For Plain End Welded Steel Pipe.....	810.87	196.88
33 14 13 36-0043	EA	16" Dresser Coupling For Plain End Welded Steel Pipe.....	857.15	225.16
33 14 13 36-0044	EA	18" Dresser Coupling For Plain End Welded Steel Pipe.....	938.64	240.86
33 14 13 36-0045	EA	20" Dresser Coupling For Plain End Welded Steel Pipe.....	1,023.71	272.28
33 14 13 36-0046	EA	24" Dresser Coupling For Plain End Welded Steel Pipe.....	1,286.52	287.99
33 14 13 36-0047	EA	30" Dresser Coupling For Plain End Welded Steel Pipe.....	1,538.57	314.16
33 14 13 36-0048	EA	36" Dresser Coupling For Plain End Welded Steel Pipe.....	1,802.39	353.44

33 14 13 39 Copper Public Water Utility Distribution Piping (33 14 13)

33 14 13 39-0001 Type L Copper Water Distribution Piping (33 14 13 39)				
33 14 13 39-0002	LF	1/2" Type L Copper Water Distribution Pipe.....	6.80	1.96
33 14 13 39-0003	LF	3/4" Type L Copper Water Distribution Pipe.....	8.42	2.21
33 14 13 39-0004	LF	1" Type L Copper Water Distribution Pipe.....	11.08	2.45
33 14 13 39-0005	LF	1-1/4" Type L Copper Water Distribution Pipe.....	13.76	2.94
33 14 13 39-0006	LF	1-1/2" Type L Copper Water Distribution Pipe.....	16.89	3.93
33 14 13 39-0007	LF	2" Type L Copper Water Distribution Pipe.....	24.28	4.90
33 14 13 39-0008	LF	2-1/2" Type L Copper Water Distribution Pipe.....	30.90	5.89
33 14 13 39-0009	LF	3" Type L Copper Water Distribution Pipe.....	38.51	6.48
33 14 13 39-0010	LF	3-1/2" Type L Copper Water Distribution Pipe.....	51.82	8.15
33 14 13 39-0011	LF	4" Type L Copper Water Distribution Pipe.....	68.31	10.30
33 14 13 39-0012	LF	5" Type L Copper Water Distribution Pipe.....	108.82	12.85
33 14 13 39-0013	LF	6" Type L Copper Water Distribution Pipe.....	140.27	15.50
33 14 13 39-0014	LF	8" Type L Copper Water Distribution Pipe.....	238.75	17.36

33 14 13 39-0015 Type K Copper Water Distribution Piping (33 14 13 39)

33 14 13 39-0016	LF	1/2" Type K Copper Water Distribution Pipe.....	7.20	1.96
33 14 13 39-0017	LF	3/4" Type K Copper Water Distribution Pipe.....	9.83	2.21
33 14 13 39-0018	LF	1" Type K Copper Water Distribution Pipe.....	12.49	2.45
33 14 13 39-0019	LF	1-1/4" Type K Copper Water Distribution Pipe.....	14.63	2.94
33 14 13 39-0020	LF	1-1/2" Type K Copper Water Distribution Pipe.....	18.18	3.93
33 14 13 39-0021	LF	2" Type K Copper Water Distribution Pipe.....	26.02	4.90
33 14 13 39-0022	LF	2-1/2" Type K Copper Water Distribution Pipe.....	35.71	5.89
33 14 13 39-0023	LF	3" Type K Copper Water Distribution Pipe.....	45.71	6.48
33 14 13 39-0024	LF	3-1/2" Type K Copper Water Distribution Pipe.....	60.29	8.15
33 14 13 39-0025	LF	4" Type K Copper Water Distribution Pipe.....	81.16	10.30
33 14 13 39-0026	LF	5" Type K Copper Water Distribution Pipe.....	135.41	12.85
33 14 13 39-0027	LF	6" Type K Copper Water Distribution Pipe.....	188.09	15.50
33 14 13 39-0028	LF	8" Type K Copper Water Distribution Pipe.....	327.00	17.36

33 14 13 39-0029 Copper Flare x Female Copper Flare Service Fitting Coupling (33 14 13 39)

Note: Mueller H-15405

33 14 13 39-0030	EA	3/4" Copper Flare x Female Copper Flare Service Fitting Coupling.....	38.92	
33 14 13 39-0031	EA	1" Copper Flare x Female Copper Flare Service Fitting Coupling.....	55.28	
33 14 13 39-0032	EA	1-1/2" Copper Flare x Female Copper Flare Service Fitting Coupling.....	133.01	
33 14 13 39-0033	EA	2" Copper Flare x Female Copper Flare Service Fitting Coupling.....	169.40	

33 14 13 39-0034 Copper Flare x Female Iron Pipe Service Fitting Coupling (33 14 13 39)

Note: Mueller H-15450

33 14 13 39-0035	EA	1/2" Copper Flare x Female Iron Pipe Service Fitting Coupling.....	45.19	
33 14 13 39-0036	EA	3/4" Copper Flare x Female Iron Pipe Service Fitting Coupling.....	39.10	
33 14 13 39-0037	EA	1" Copper Flare x Female Iron Pipe Service Fitting Coupling.....	53.77	
33 14 13 39-0038	EA	1-1/4" Copper Flare x Female Iron Pipe Service Fitting Coupling.....	79.26	
33 14 13 39-0039	EA	1-1/2" Copper Flare x Female Iron Pipe Service Fitting Coupling.....	102.55	
33 14 13 39-0040	EA	2" Copper Flare x Female Iron Pipe Service Fitting Coupling.....	164.08	

33 14 13 39-0041 Copper Flare x Male Iron Pipe Service Fitting Coupling (33 14 13 39)

Note: Mueller H-15425

33 14 13 39-0042	EA	1/2" Copper Flare x Male Iron Pipe Service Fitting Coupling.....	39.00	
33 14 13 39-0043	EA	3/4" Copper Flare x Male Iron Pipe Service Fitting Coupling.....	39.21	
33 14 13 39-0044	EA	1" Copper Flare x Male Iron Pipe Service Fitting Coupling.....	52.44	
33 14 13 39-0045	EA	1-1/4" Copper Flare x Male Iron Pipe Service Fitting Coupling.....	79.26	
33 14 13 39-0046	EA	1-1/2" Copper Flare x Male Iron Pipe Service Fitting Coupling.....	107.38	
33 14 13 39-0047	EA	2" Copper Flare x Male Iron Pipe Service Fitting Coupling.....	170.05	

33 14 13 39-0048 Brass Fittings (33 14 13 39)

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 14 13 39-0049	Brass Compression Reducer Coupling (33 14 13 39-0048)		
33 14 13 39-0050	EA 3/4" x 1" Brass Compression Reducer Coupling.....	48.89	15.67
33 14 13 39-0051	EA 1" x 3/4" Brass Compression Reducer Coupling.....	38.58	15.67
33 14 13 39-0052	EA 1-1/2" x 1" Brass Compression Reducer Coupling.....	81.37	23.79
33 14 13 39-0053	EA 2" x 1-1/2" Brass Compression Reducer Coupling.....	100.78	30.18
33 14 13 39-0054	Copper Compression x Male NPT Brass Coupling (33 14 13 39-0048)		
	Note: A. Y. McDonald 74753Q		
33 14 13 39-0055	EA 3/4" Copper Compression x Male NPT Brass Coupling.....	50.84	17.41
33 14 13 39-0056	EA 3/4" x 1" Copper Compression x Male NPT Brass Coupling.....	58.14	20.31
33 14 13 39-0057	EA 1" Copper Compression x Male NPT Brass Coupling.....	59.63	20.31
33 14 13 39-0058	EA 1" x 3/4" Copper Compression x Male NPT Brass Coupling.....	58.39	20.31
33 14 13 39-0059	EA 1-1/4" Copper Compression x Male NPT Brass Coupling.....	79.65	23.22
33 14 13 39-0060	EA 1-1/4" x 1" Copper Compression x Male NPT Brass Coupling.....	77.40	23.22
33 14 13 39-0061	EA 1-1/2" Copper Compression x Male NPT Brass Coupling.....	105.61	29.02
33 14 13 39-0062	EA 2" Copper Compression x Male NPT Brass Coupling.....	138.98	34.82
33 14 13 39-0063	Brass Nipples (33 14 13 39-0048)		
33 14 13 39-0064	EA 3/4" x 6" Long Brass Nipple.....	35.51	7.25
33 14 13 39-0065	EA 1" x 6" Long Brass Nipple.....	46.27	7.83
33 14 13 39-0066	EA 1-1/2" x 6" Long Brass Nipple.....	70.63	8.42
33 14 13 39-0067	Brass "H" Style Meter Insetters (33 14 13 39-0048)		
33 14 13 39-0068	EA 5/8" x 3/4" Compression End, Brass "H" Style Meter Insetters.....	272.28	32.06
33 14 13 39-0069	EA 5/8" x 3/4" Threaded End, Brass "H" Style Meter Insetters.....	173.19	32.06
33 14 13 39-0070	Meter Setters - Resetter, Brass (33 14 13 39-0048)		
33 14 13 39-0071	EA 1" Meter, 10" High Brass Meter Setter - Resetter.....	727.79	32.06
	Note: Male meter thread, bottom inlet/outlet, angle ball valve, top inlet/outlet with meter nuts.		
33 14 13 43	Public Water Utility Distribution Piping Coatings and Wraps (33 14 13)		
33 14 13 43-0001	Pipe Coatings (33 14 13 43)		
33 14 13 43-0002	Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating (33 14 13 43-0001)		
	Note: Applied at fabrication shop.		
33 14 13 43-0003	LF 12" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating.....	5.20	
33 14 13 43-0004	LF 14" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating.....	6.90	
33 14 13 43-0005	LF 16" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating.....	7.88	
33 14 13 43-0006	LF 18" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating.....	8.28	
33 14 13 43-0007	LF 20" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating.....	8.92	
33 14 13 43-0008	LF 24" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating.....	10.39	
33 14 13 43-0009	LF 30" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating.....	13.64	
33 14 13 43-0010	LF 36" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating.....	21.55	
33 14 13 43-0011	Cement Coating With Fiberglass Or Wire Mesh Reinforcing (33 14 13 43-0001)		
	Note: Applied at fabrication shop. Thickness ranging between 1" and 2".		
33 14 13 43-0012	LF 4" Diameter Cement Coated Pipe 1" To 2" Mesh.....	9.35	
	Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0013	LF 6" Diameter Cement Coated Pipe 1" To 2" Mesh.....	11.51	
	Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0014	LF 8" Diameter Cement Coated Pipe 1" To 2" Mesh.....	14.39	
	Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0015	LF 10" Diameter Cement Coated Pipe 1" To 2" Mesh.....	16.03	
	Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0016	LF 12" Diameter Cement Coated Pipe 1" To 2" Mesh.....	18.10	
	Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0017	LF 14" Diameter Cement Coated Pipe 1" To 2" Mesh.....	21.19	
	Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0018	LF 16" Diameter Cement Coated Pipe 1" To 2" Mesh.....	24.07	
	Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0019	LF 18" Diameter Cement Coated Pipe 1" To 2" Mesh.....	27.15	
	Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0020	LF 20" Diameter Cement Coated Pipe 1" To 2" Mesh.....	30.18	
	Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0021	LF 24" Diameter Cement Coated Pipe 1" To 2" Mesh.....	36.20	
	Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0022	LF 30" Diameter Cement Coated Pipe 1" To 2" Mesh.....	45.25	
	Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0023	LF 36" Diameter Cement Coated Pipe 1" To 2" Mesh.....	54.30	
	Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0024	LF 42" Diameter Cement Coated Pipe 1" To 2" Mesh.....	25.10	
	Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0025	LF 48" Diameter Cement Coated Pipe 1" To 2" Mesh.....	28.68	
	Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0026	LF 54" Diameter Cement Coated Pipe 1" To 2" Mesh.....	32.27	
	Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0027	LF 60" Diameter Cement Coated Pipe 1" To 2" Mesh.....	35.85	
	Note: Reinforcing applied at fabrication shop.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 14 13 43-0028	LF	66"	Diameter	Cement Coated	Pipe	1" To 2" Mesh	39.44
Note: Reinforcing applied at fabrication shop.								
33 14 13 43-0029	LF	72"	Diameter	Cement Coated	Pipe	1" To 2" Mesh	.....	43.02
Note: Reinforcing applied at fabrication shop.								
33 14 13 43-0030	LF	78"	Diameter	Cement Coated	Pipe	1" To 2" Mesh	.....	46.61
Note: Reinforcing applied at fabrication shop.								

33 14 13 43-0031 Pipe Lining (33 14 13 43)
33 14 13 43-0032 Cement Pipe Lining (33 14 13 43-0031)

Note: Shop applied.								
33 14 13 43-0033	LF	4"	Outside Diameter,	1/4"	Thick	Cement Pipe Lining	.....	13.40
								<i>For 1/2" Thick, Add</i>
								1.25
33 14 13 43-0034	LF	6"	Outside Diameter,	1/4"	Thick	Cement Pipe Lining	.....	16.62
								<i>For 1/2" Thick, Add</i>
								1.53
33 14 13 43-0035	LF	8"	Outside Diameter,	1/4"	Thick	Cement Pipe Lining	.....	20.32
								<i>For 1/2" Thick, Add</i>
								1.92
33 14 13 43-0036	LF	10"	Outside Diameter,	1/4"	Thick	Cement Pipe Lining	.....	26.30
								<i>For 1/2" Thick, Add</i>
								2.40
33 14 13 43-0037	LF	12"	Outside Diameter,	1/4"	Thick	Cement Pipe Lining	.....	32.31
								<i>For 1/2" Thick, Add</i>
								2.88
33 14 13 43-0038	LF	14"	Outside Diameter,	1/4"	Thick	Cement Pipe Lining	.....	41.04
								<i>For 1/2" Thick, Add</i>
								3.38
33 14 13 43-0039	LF	16"	Outside Diameter,	1/4"	Thick	Cement Pipe Lining	.....	52.73
								<i>For 1/2" Thick, Add</i>
								3.84
33 14 13 43-0040	LF	18"	Outside Diameter,	5/16"	Thick	Cement Pipe Lining	.....	62.79
								<i>For 1/2" Thick, Add</i>
								3.68
33 14 13 43-0041	LF	20"	Outside Diameter,	5/16"	Thick	Cement Pipe Lining	.....	75.48
								<i>For 1/2" Thick, Add</i>
								4.09
33 14 13 43-0042	LF	24"	Outside Diameter,	5/16"	Thick	Cement Pipe Lining	.....	91.47
								<i>For 1/2" Thick, Add</i>
								4.90
33 14 13 43-0043	LF	30"	Outside Diameter,	5/16"	Thick	Cement Pipe Lining	.....	110.31
								<i>For 1/2" Thick, Add</i>
								6.13
33 14 13 43-0044	LF	36"	Outside Diameter,	5/16"	Thick	Cement Pipe Lining	.....	132.74
								<i>For 1/2" Thick, Add</i>
								7.36
33 14 13 43-0045	LF	42"	Outside Diameter,	3/8"	Thick	Cement Pipe Lining	.....	154.89
								<i>For 1/2" Thick, Add</i>
								6.31
33 14 13 43-0046	LF	48"	Outside Diameter,	3/8"	Thick	Cement Pipe Lining	.....	176.96
								<i>For 1/2" Thick, Add</i>
								7.21
33 14 13 43-0047	LF	54"	Outside Diameter,	3/8"	Thick	Cement Pipe Lining	.....	199.11
								<i>For 1/2" Thick, Add</i>
								8.11
33 14 13 43-0048	LF	60"	Outside Diameter,	3/8"	Thick	Cement Pipe Lining	.....	221.26
								<i>For 1/2" Thick, Add</i>
								9.01
33 14 13 43-0049	LF	66"	Outside Diameter,	7/16"	Thick	Cement Pipe Lining	.....	243.32
								<i>For 1/2" Thick, Add</i>
								5.29
33 14 13 43-0050	LF	72"	Outside Diameter,	7/16"	Thick	Cement Pipe Lining	.....	265.47
								<i>For 1/2" Thick, Add</i>
								5.77
33 14 13 43-0051	LF	78"	Outside Diameter,	7/16"	Thick	Cement Pipe Lining	.....	287.64
								<i>For 1/2" Thick, Add</i>
								6.25

33 14 13 43-0052 Cement Fitting Lining (33 14 13 43-0031)

Note: Shop applied.								
33 14 13 43-0053	EA	4"	Outside Diameter,	1/4"	Thick	Cement Fitting Lining	.....	13.40
								<i>For 1/2" Thick, Add</i>
								1.25
33 14 13 43-0054	EA	6"	Outside Diameter,	1/4"	Thick	Cement Fitting Lining	.....	16.62
								<i>For 1/2" Thick, Add</i>
								1.53
33 14 13 43-0055	EA	8"	Outside Diameter,	1/4"	Thick	Cement Fitting Lining	.....	25.90
								<i>For 1/2" Thick, Add</i>
								2.49
33 14 13 43-0056	EA	10"	Outside Diameter,	1/4"	Thick	Cement Fitting Lining	.....	42.44
								<i>For 1/2" Thick, Add</i>
								3.84
33 14 13 43-0057	EA	12"	Outside Diameter,	1/4"	Thick	Cement Fitting Lining	.....	64.63
								<i>For 1/2" Thick, Add</i>
								5.77
33 14 13 43-0058	EA	14"	Outside Diameter,	1/4"	Thick	Cement Fitting Lining	.....	95.19
								<i>For 1/2" Thick, Add</i>
								7.76
33 14 13 43-0059	EA	16"	Outside Diameter,	1/4"	Thick	Cement Fitting Lining	.....	139.33
								<i>For 1/2" Thick, Add</i>
								9.97
33 14 13 43-0060	EA	18"	Outside Diameter,	5/16"	Thick	Cement Fittings Lining	.....	188.38
								<i>For 1/2" Thick, Add</i>
								11.03
33 14 13 43-0061	EA	20"	Outside Diameter,	5/16"	Thick	Cement Fitting Lining	.....	251.51
								<i>For 1/2" Thick, Add</i>
								13.61
33 14 13 43-0062	EA	24"	Outside Diameter,	5/16"	Thick	Cement Fitting Lining	.....	365.90
								<i>For 1/2" Thick, Add</i>
								19.61

33 14 13 43-0063 8 Mil Polyethylene Encasement Tubing (33 14 13 43)

Note: ANSI/AWWA C105/A21.5-99 section 4.2.								
33 14 13 43-0064	LF	3"	To 8"	Diameter,	8 Mil	Polyethylene Encasement Tubing	.....	1.57
33 14 13 43-0065	LF	10"	To 12"	Diameter,	8 Mil	Polyethylene Encasement Tubing	.....	2.55
33 14 13 43-0066	LF	14"	To 16"	Diameter,	8 Mil	Polyethylene Encasement Tubing	.....	3.08
33 14 13 43-0067	LF	18"	To 20"	Diameter,	8 Mil	Polyethylene Encasement Tubing	.....	3.87
33 14 13 43-0068	LF	24"	Diameter,	8 Mil	Polyethylene Encasement Tubing	.....	5.26	
33 14 13 43-0069	LF	30"	Diameter,	8 Mil	Polyethylene Encasement Tubing	.....	6.73	
33 14 13 43-0070	LF	36"	To 42"	Diameter,	8 Mil	Polyethylene Encasement Tubing	.....	8.59
33 14 13 43-0071	LF	48"	Diameter,	8 Mil	Polyethylene Encasement Tubing	.....	10.22	
33 14 13 43-0072	LF	54"	Diameter,	8 Mil	Polyethylene Encasement Tubing	.....	12.09	
33 14 13 43-0073	LF	60"	Diameter,	8 Mil	Polyethylene Encasement Tubing	.....	13.00	

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
33 14 13 53 Public Water Utility Distribution Piping Saddles And Adapters (33 14 13)

33 14 13 53-0001 Double Stud Stainless Steel Service Saddles (33 14 13 53)		
Note: 1/2" listed taps are compression, 3/4" to 2" are either compression or NPT.		
33 14 13 53-0002	EA	4" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) .....257.27
33 14 13 53-0003	EA	4" Diameter x 1-1/4" Or 1-1/2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) .....362.01
33 14 13 53-0004	EA	4" Diameter x 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) .....373.89
33 14 13 53-0005	EA	6" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) .....308.29
33 14 13 53-0006	EA	6" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) .....387.81
33 14 13 53-0007	EA	8" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) .....322.10
33 14 13 53-0008	EA	8" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) .....406.08
33 14 13 53-0009	EA	10" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) .....362.85
33 14 13 53-0010	EA	10" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) .....427.78
33 14 13 53-0011	EA	12" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) .....378.36
33 14 13 53-0012	EA	12" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) .....439.13

33 14 13 53-0013 Double Bale Epoxy Coated Ductile Iron Body Service Saddles (33 14 13 53)

33 14 13 53-0014 EA		
Note: Electro-galvanized steel bales. 5/8" listed taps are compression. 3/4" to 2" are either compression or NPT. 2-1/2", 3" or 4" are NPT.		
33 14 13 53-0014	EA	1-1/4" To 1-1/2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....214.91
33 14 13 53-0015	EA	2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....215.06
33 14 13 53-0016	EA	2" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....228.80
33 14 13 53-0017	EA	2-1/2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....218.67
33 14 13 53-0018	EA	3" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....233.96
33 14 13 53-0019	EA	3" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....258.84
33 14 13 53-0020	EA	3" Diameter x 2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....275.29
33 14 13 53-0021	EA	4" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....251.74
33 14 13 53-0022	EA	4" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....276.82
33 14 13 53-0023	EA	4" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....290.87
33 14 13 53-0024	EA	5" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....265.61
33 14 13 53-0025	EA	5" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....291.49
33 14 13 53-0026	EA	5" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....305.47
33 14 13 53-0027	EA	6" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....279.96
33 14 13 53-0028	EA	6" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....305.09
33 14 13 53-0029	EA	6" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....318.89
33 14 13 53-0030	EA	6" Diameter x 3" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....466.91
33 14 13 53-0031	EA	6" Diameter x 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....478.79
33 14 13 53-0032	EA	8" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....303.17
33 14 13 53-0033	EA	8" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....333.54
33 14 13 53-0034	EA	8" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....346.34
33 14 13 53-0035	EA	8" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....552.78
33 14 13 53-0036	EA	10" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....339.42
33 14 13 53-0037	EA	10" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....375.85
33 14 13 53-0038	EA	10" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....617.24
33 14 13 53-0039	EA	12" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....369.24
33 14 13 53-0040	EA	12" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....407.77
33 14 13 53-0041	EA	12" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....422.37
33 14 13 53-0042	EA	12" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....688.86
33 14 13 53-0043	EA	14" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....430.90
33 14 13 53-0044	EA	14" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....461.09
33 14 13 53-0045	EA	14" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....496.46
33 14 13 53-0046	EA	14" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....846.52
33 14 13 53-0047	EA	15" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....442.78
33 14 13 53-0048	EA	15" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....504.08
33 14 13 53-0049	EA	15" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....525.06
33 14 13 53-0050	EA	15" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....909.80
33 14 13 53-0051	EA	16" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....462.65
33 14 13 53-0052	EA	16" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....526.20
33 14 13 53-0053	EA	16" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....547.73
33 14 13 53-0054	EA	16" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....946.76
33 14 13 53-0055	EA	18" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....512.05
33 14 13 53-0056	EA	18" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....592.00
33 14 13 53-0057	EA	20" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....583.48
33 14 13 53-0058	EA	20" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....645.88
33 14 13 53-0059	EA	24" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....609.38
33 14 13 53-0060	EA	24" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....687.89

33 14 13 53-0061 Double Bale Bronze Service Saddles (33 14 13 53)

33 14 13 53-0062	EA	4" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B) .....297.29
33 14 13 53-0063	EA	4" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B) .....325.02
33 14 13 53-0064	EA	6" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B) .....337.98
33 14 13 53-0065	EA	6" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B) .....365.97
33 14 13 53-0066	EA	8" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)376.58

MINOR	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 14 13 53-0067	EA	8" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B).....	395.78	
33 14 13 53-0068	EA	10" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B).....	365.05	
33 14 13 53-0069	EA	10" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B).....	388.26	
33 14 13 53-0070	EA	12" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B).....	462.92	
33 14 13 53-0071	EA	12" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B).....	500.57	
33 14 13 53-0072	EA	14" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B).....	695.90	
33 14 13 53-0073	EA	14" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B).....	786.04	
33 14 13 53-0074	EA	16" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B).....	809.23	
33 14 13 53-0075	EA	16" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B).....	903.17	

33 14 13 53-0076 Stainless Steel Double Straps, Bronze Body Service Saddle (33 14 13 53)

Note: Taps are compression or NPT.

33 14 13 53-0077	EA	4" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	312.36	
33 14 13 53-0078	EA	4" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	344.04	
33 14 13 53-0079	EA	6" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	355.78	
33 14 13 53-0080	EA	6" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	386.30	
33 14 13 53-0081	EA	8" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	398.58	
33 14 13 53-0082	EA	8" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	418.96	
33 14 13 53-0083	EA	10" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	448.92	
33 14 13 53-0084	EA	10" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	480.41	
33 14 13 53-0085	EA	12" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	483.08	
33 14 13 53-0086	EA	12" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	523.33	
33 14 13 53-0087	EA	14" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	745.86	
33 14 13 53-0088	EA	14" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	856.69	
33 14 13 53-0089	EA	16" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	868.51	
33 14 13 53-0090	EA	16" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	946.19	
33 14 13 53-0091	EA	18" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	1,815.34	
33 14 13 53-0092	EA	18" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	1,815.34	
33 14 13 53-0093	EA	20" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	1,884.19	
33 14 13 53-0094	EA	20" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	1,884.19	
33 14 13 53-0095	EA	24" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	2,022.48	
33 14 13 53-0096	EA	24" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	2,022.48	

33 14 13 53-0097 Ductile Iron Mechanical Joint Tapping Sleeve (33 14 13 53)

33 14 13 53-0098	EA	4" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	1,394.59	
33 14 13 53-0099	EA	6" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	1,683.87	
33 14 13 53-0100	EA	8" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	2,013.46	
33 14 13 53-0101	EA	8" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	2,130.76	
33 14 13 53-0102	EA	10" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	3,241.38	
33 14 13 53-0103	EA	10" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	3,405.50	
33 14 13 53-0104	EA	10" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	3,475.94	
33 14 13 53-0105	EA	12" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	3,419.59	
33 14 13 53-0106	EA	12" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	3,583.05	
33 14 13 53-0107	EA	12" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	3,981.24	
33 14 13 53-0108	EA	12" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	4,082.38	
33 14 13 53-0109	EA	14" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	6,836.05	
33 14 13 53-0110	EA	14" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	7,020.74	
33 14 13 53-0111	EA	14" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	7,103.83	
33 14 13 53-0112	EA	14" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	7,139.60	
33 14 13 53-0113	EA	14" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	7,401.58	
33 14 13 53-0114	EA	16" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	7,390.01	
33 14 13 53-0115	EA	16" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	7,413.78	
33 14 13 53-0116	EA	16" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	7,620.16	
33 14 13 53-0117	EA	16" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	7,668.89	
33 14 13 53-0118	EA	16" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	7,722.51	
33 14 13 53-0119	EA	16" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	11,849.08	
33 14 13 53-0120	EA	16" Diameter x 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	8,099.89	
33 14 13 53-0121	EA	18" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	10,286.89	
33 14 13 53-0122	EA	18" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	10,752.80	
33 14 13 53-0123	EA	18" Diameter x 8", 10", 12" Or 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	10,884.30	
33 14 13 53-0124	EA	18" Diameter x 18" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	11,281.88	
33 14 13 53-0125	EA	20" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	9,624.48	
33 14 13 53-0126	EA	20" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	9,270.69	
33 14 13 53-0127	EA	20" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	9,448.45	
33 14 13 53-0128	EA	20" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	9,517.91	
33 14 13 53-0129	EA	20" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	9,863.63	
33 14 13 53-0130	EA	20" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	13,344.75	
33 14 13 53-0131	EA	20" Diameter x 16", 18" Or 20" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	13,604.60	
33 14 13 53-0132	EA	24" Diameter x 4", 6" Or 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	11,630.99	
33 14 13 53-0133	EA	24" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	11,791.84	
33 14 13 53-0134	EA	24" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	11,837.98	
33 14 13 53-0135	EA	24" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	16,403.57	
33 14 13 53-0136	EA	24" Diameter x 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	16,615.07	
33 14 13 53-0137	EA	24" Diameter x 18" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	16,662.59	
33 14 13 53-0138	EA	24" Diameter x 20" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	17,119.97	
33 14 13 53-0139	EA	24" Diameter x 24" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	17,337.35	

33 14 13 53-0140 Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (33 14 13 53)

33 14 13 53-0141	EA	4" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	1,149.63	
33 14 13 53-0142	EA	6" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	1,220.08	
33 14 13 53-0143	EA	6" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	1,334.65	
33 14 13 53-0144	EA	8" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	1,372.59	

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 14 13 53-0145	EA	8" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,429.63	
33 14 13 53-0146	EA	8" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,643.76	
33 14 13 53-0147	EA	10" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,497.76	
33 14 13 53-0148	EA	10" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,553.30	
33 14 13 53-0149	EA	10" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,741.50	
33 14 13 53-0150	EA	10" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,410.97	
33 14 13 53-0151	EA	12" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,683.46	
33 14 13 53-0152	EA	12" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,764.98	
33 14 13 53-0153	EA	12" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,950.18	
33 14 13 53-0154	EA	12" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,549.90	
33 14 13 53-0155	EA	12" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,782.16	
33 14 13 53-0156	EA	14" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,216.02	
33 14 13 53-0157	EA	14" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,283.43	
33 14 13 53-0158	EA	14" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,681.04	
33 14 13 53-0159	EA	14" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,174.05	
33 14 13 53-0160	EA	14" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,494.57	
33 14 13 53-0161	EA	16" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,632.98	
33 14 13 53-0162	EA	16" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,702.59	
33 14 13 53-0163	EA	16" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,965.74	
33 14 13 53-0164	EA	16" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,670.94	
33 14 13 53-0165	EA	16" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,837.47	
33 14 13 53-0166	EA	18" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,789.76	
33 14 13 53-0167	EA	18" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,915.99	
33 14 13 53-0168	EA	18" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,091.43	
33 14 13 53-0169	EA	18" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,921.28	
33 14 13 53-0170	EA	18" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,087.63	
33 14 13 53-0171	EA	20" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,369.23	
33 14 13 53-0172	EA	20" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,438.68	
33 14 13 53-0173	EA	20" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,832.61	
33 14 13 53-0174	EA	20" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,498.84	
33 14 13 53-0175	EA	20" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,781.43	
33 14 13 53-0176	EA	24" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,635.09	
33 14 13 53-0177	EA	24" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,787.50	
33 14 13 53-0178	EA	24" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,993.36	
33 14 13 53-0179	EA	24" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,939.04	
33 14 13 53-0180	EA	24" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	5,112.48	

33 14 13 53-0181 Stainless Steel Flange, Stainless Steel Tapping Sleeve (33 14 13 53)

33 14 13 53-0182	EA	4" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,330.68	
33 14 13 53-0183	EA	6" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,448.75	
33 14 13 53-0184	EA	6" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,533.91	
33 14 13 53-0185	EA	8" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,563.87	
33 14 13 53-0186	EA	8" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,661.99	
33 14 13 53-0187	EA	8" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,955.48	
33 14 13 53-0188	EA	10" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,793.89	
33 14 13 53-0189	EA	10" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,902.72	
33 14 13 53-0190	EA	10" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,165.75	
33 14 13 53-0191	EA	10" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,926.78	
33 14 13 53-0192	EA	12" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,047.00	
33 14 13 53-0193	EA	12" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,195.40	
33 14 13 53-0194	EA	12" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,542.94	
33 14 13 53-0195	EA	12" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,995.79	
33 14 13 53-0196	EA	12" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,341.97	
33 14 13 53-0197	EA	14" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,335.80	
33 14 13 53-0198	EA	14" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,517.89	
33 14 13 53-0199	EA	14" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,909.24	
33 14 13 53-0200	EA	14" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,362.54	
33 14 13 53-0201	EA	14" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,602.19	
33 14 13 53-0202	EA	16" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,850.56	
33 14 13 53-0203	EA	16" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,099.57	
33 14 13 53-0204	EA	16" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,289.26	
33 14 13 53-0205	EA	16" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,776.66	
33 14 13 53-0206	EA	16" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,107.24	
33 14 13 53-0207	EA	18" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,140.95	
33 14 13 53-0208	EA	18" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,513.20	
33 14 13 53-0209	EA	18" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,711.19	
33 14 13 53-0210	EA	18" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,139.46	
33 14 13 53-0211	EA	18" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,706.15	
33 14 13 53-0212	EA	20" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,389.97	
33 14 13 53-0213	EA	20" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,761.26	
33 14 13 53-0214	EA	20" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,922.09	
33 14 13 53-0215	EA	20" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,719.23	
33 14 13 53-0216	EA	20" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	5,162.84	
33 14 13 53-0217	EA	24" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,018.10	
33 14 13 53-0218	EA	24" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,070.77	
33 14 13 53-0219	EA	24" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,263.66	
33 14 13 53-0220	EA	24" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	5,215.20	
33 14 13 53-0221	EA	24" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	5,722.98	

33 14 13 53-0222 Ductile Iron Body, Flanged Coupling Adapter (33 14 13 53)

33 14 13 53-0223	EA	3" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	333.86	62.29
33 14 13 53-0224	EA	4" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	418.33	78.54
33 14 13 53-0225	EA	6" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	550.32	108.34

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 14 13 53-0226	EA		8" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912).....	712.55	127.29
33 14 13 53-0227	EA		10" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912).....	1,116.15	143.54
33 14 13 53-0228	EA		12" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912).....	1,247.02	162.50

33 14 13 53-0229 Steel Body, Flanged Coupling Adapter (33 14 13 53)

33 14 13 53-0230	EA		3" Steel Body, Flanged Coupling Adapter (Smith-Blair 913).....	485.72	62.29
33 14 13 53-0231	EA		4" Steel Body, Flanged Coupling Adapter (Smith-Blair 913).....	574.59	78.54
33 14 13 53-0232	EA		6" Steel Body, Flanged Coupling Adapter (Smith-Blair 913).....	767.38	108.34
33 14 13 53-0233	EA		8" Steel Body, Flanged Coupling Adapter (Smith-Blair 913).....	938.46	127.29
33 14 13 53-0234	EA		10" Steel Body, Flanged Coupling Adapter (Smith-Blair 913).....	1,145.13	143.54
33 14 13 53-0235	EA		12" Steel Body, Flanged Coupling Adapter (Smith-Blair 913).....	1,334.17	162.50
33 14 13 53-0236	EA		14" Steel Body, Flanged Coupling Adapter (Smith-Blair 913).....	1,584.37	178.74
33 14 13 53-0237	EA		16" Steel Body, Flanged Coupling Adapter (Smith-Blair 913).....	1,875.60	195.00
33 14 13 53-0238	EA		18" Steel Body, Flanged Coupling Adapter (Smith-Blair 913).....	2,214.23	214.50
33 14 13 53-0239	EA		20" Steel Body, Flanged Coupling Adapter (Smith-Blair 913).....	2,615.71	235.95

33 14 13 53-0240 Steel Body, Flanged-Lock Restrained Coupling Adapters (33 14 13 53)

33 14 13 53-0241	EA		4" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	428.49	78.54
33 14 13 53-0242	EA		6" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	575.39	108.34
33 14 13 53-0243	EA		8" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	637.53	127.29
33 14 13 53-0244	EA		10" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	928.59	143.54
33 14 13 53-0245	EA		12" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	1,181.63	162.50
33 14 13 53-0246	EA		14" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	1,325.14	178.74
33 14 13 53-0247	EA		16" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	1,556.88	195.00
33 14 13 53-0248	EA		18" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	1,746.95	214.50
33 14 13 53-0249	EA		20" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	2,098.31	235.95
33 14 13 53-0250	EA		24" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	2,526.36	259.56
33 14 13 53-0251	EA		30" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	5,248.23	285.46
33 14 13 53-0252	EA		36" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	7,079.13	314.05

33 14 13 53-0253 Ductile Iron Body, Omni Coupling System (33 14 13 53)

33 14 13 53-0254	EA		2" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	151.75	43.33
33 14 13 53-0255	EA		2-1/2" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	187.09	51.46
33 14 13 53-0256	EA		3" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	231.53	62.29
33 14 13 53-0257	EA		4" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	290.77	78.54
33 14 13 53-0258	EA		6" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	388.13	108.34
33 14 13 53-0259	EA		8" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	471.33	127.29
33 14 13 53-0260	EA		10" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	588.01	143.54
33 14 13 53-0261	EA		12" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	687.36	162.50
33 14 13 53-0262	EA		14" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	963.69	178.74
33 14 13 53-0263	EA		16" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	1,200.67	195.00

33 14 19 Valves and Hydrants for Water Utility Service (33 14)

Note: Flanged valves excludes bolt and gasket set. Excludes excavation and backfill. See CSI section 23 21 13 23-0713 for bolt and gasket sets.

33 14 19 00-0001 Water Utility Distribution Valves (33 14 19)
33 14 19 00-0002 Angle Valves (33 14 19 00-0001)

Note: For connecting meters to water service.

33 14 19 00-0003 Threaded, Class 150, Bronze Angle Valve (33 14 19 00-0002)

Note: Nibco T-335Y

33 14 19 00-0004	EA		1/2" Threaded, Class 150, Bronze Angle Valve.....	101.15	18.57
33 14 19 00-0005	EA		3/4" Threaded, Class 150, Bronze Angle Valve.....	136.40	24.96
33 14 19 00-0006	EA		1" Threaded, Class 150, Bronze Angle Valve.....	183.43	30.76
33 14 19 00-0007	EA		1-1/4" Threaded, Class 150, Bronze Angle Valve.....	236.12	38.65
33 14 19 00-0008	EA		1-1/2" Threaded, Class 150, Bronze Angle Valve.....	294.54	44.68
33 14 19 00-0009	EA		2" Threaded, Class 150, Bronze Angle Valve.....	438.17	52.24
33 14 19 00-0010	EA		2-1/2" Threaded, Class 150, Bronze Angle Valve.....	700.63	71.29
33 14 19 00-0011	EA		3" Threaded, Class 150, Bronze Angle Valve.....	1,061.27	82.30

33 14 19 00-0012 Butterfly Valves (33 14 19 00-0001)
33 14 19 00-0013 Lug Type Flanged, Cast Iron Disc, Butterfly Valves (33 14 19 00-0012)

Note: ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, 304 Stainless Steel Pin

33 14 19 00-0014	EA		3" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,3,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified).....	1,907.97	197.33
33 14 19 00-0015	EA		3" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,3,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified).....	2,132.97	197.33
33 14 19 00-0016	EA		4" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,4,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified).....	2,153.53	305.38
33 14 19 00-0017	EA		4" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,4,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified).....	2,376.61	305.38
33 14 19 00-0018	EA		6" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,6,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified).....	2,470.57	359.79

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 14 19 00-0019	EA	6" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,6,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified)	2,693.65	359.79
33 14 19 00-0020	EA	8" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,8,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified)	2,804.16	459.72
33 14 19 00-0021	EA	8" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,8,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified)	3,015.95	459.72
33 14 19 00-0022	EA	10" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,10,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified)	3,503.42	559.66
33 14 19 00-0023	EA	10" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,10,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8)	4,676.52	559.66
33 14 19 00-0024	EA	12" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,12,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified)	4,012.06	678.36
33 14 19 00-0025	EA	12" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,12,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified)	4,235.14	678.36
33 14 19 00-0026	EA	14" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,14,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD12 Modified)	5,392.43	965.22
33 14 19 00-0027	EA	14" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,14,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW12 Modified)	5,975.76	965.22
33 14 19 00-0028	EA	16" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,16,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD16 Modified)	6,278.46	1,061.75
33 14 19 00-0029	EA	16" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,16,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW20 Modified)	6,993.85	1,061.75
33 14 19 00-0030	EA	18" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,18,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD24 Modified)	7,864.28	1,177.58
33 14 19 00-0031	EA	18" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,18,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW24 Modified)	8,621.97	1,177.58
33 14 19 00-0032	EA	20" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,20,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD24 Modified)	9,011.54	1,327.18
33 14 19 00-0033	EA	20" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,20,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW24 Modified)	9,767.95	1,327.18

33 14 19 00-0034 Lug Type Flanged, Ductile Iron Disc, Butterfly Valves (33 14 19 00-0012)

Note: ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, 304 Stainless Steel Pin

33 14 19 00-0035	EA	24" Chainwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,24,F1,DI,NBRN-NBR,150B,DI-S2*GS-12A-CW20 Modified)	15,032.02	1,628.82
33 14 19 00-0036	EA	24" Cylinder Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,24,F1,DI,NBRN-NBR,150B,DI-S2*GS-12-PC10 Modified)	23,429.02	1,628.82
33 14 19 00-0037	EA	24" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,24,F1,DI,NBRN-NBR,150B,DI-S2*GS-12A-HD20 Modified)	14,987.02	1,628.82
33 14 19 00-0038	EA	30" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,30,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR3L-HD24 Modified)	30,704.09	2,574.47
33 14 19 00-0039	EA	36" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,36,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR3L-HD24 Modified)	36,375.79	3,432.63
33 14 19 00-0040	EA	42" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,42,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR3L-HD32 Modified)	46,261.17	5,148.94
33 14 19 00-0041	EA	48" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,48,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR4L-HD24 Modified)	60,425.22	6,436.17
33 14 19 00-0042	EA	54" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,54,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR6L-HD24 Modified)	101,823.26	7,723.41
33 14 19 00-0043	EA	60" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,60,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR6L-HD36 Modified)	127,568.12	9,268.10
33 14 19 00-0044	EA	72" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,72,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR8L-HD36 Modified)	182,922.14	11,121.71
33 14 19 00-0045	LF	3/16" Link, 316 Stainless Steel Chain For Use With DeZurik Chainwheel	17.00	
33 14 19 00-0046	EA	316 Stainless Steel Closing Link For Use With DeZurik Chainwheel	9.00	

Note: One required per valve.

33 14 19 00-0047 Check Valves (33 14 19 00-0001)
33 14 19 00-0048 Flanged, Swing Type Gravity Operated Check Valves (33 14 19 00-0047)

Note: AWWA C508. Bronze disc facing. Mueller A-2600-6.

33 14 19 00-0049	EA	2-1/2" Flanged, Swing Type Gravity Operated Check Valve	1,027.94	154.98
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 14 19 00-0050	EA		3" Flanged, Swing Type Gravity Operated Check Valve.....	1,061.02	181.71
33 14 19 00-0051	EA		4" Flanged, Swing Type Gravity Operated Check Valve.....	1,485.08	229.81
33 14 19 00-0052	EA		4" x 6" Flanged, Swing Type Gravity Operated Check Valve	2,042.20	345.77
33 14 19 00-0053	EA		4" x 8" Flanged, Swing Type Gravity Operated Check Valve	2,125.48	386.17
33 14 19 00-0054	EA		6" Flanged, Swing Type Gravity Operated Check Valve.....	2,029.29	384.79
33 14 19 00-0055	EA		6" x 8" Flanged, Swing Type Gravity Operated Check Valve	2,641.25	437.39
33 14 19 00-0056	EA		6" x 10" Flanged, Swing Type Gravity Operated Check Valve.....	2,761.60	491.68
33 14 19 00-0057	EA		8" Flanged, Swing Type Gravity Operated Check Valve.....	2,874.50	491.68
33 14 19 00-0058	EA		10" Flanged, Swing Type Gravity Operated Check Valve.....	4,809.96	598.56
33 14 19 00-0059	EA		12" Flanged, Swing Type Gravity Operated Check Valve.....	7,255.94	448.92
33 14 19 00-0060	EA		14" Flanged, Swing Type Gravity Operated Check Valve.....	10,199.40	965.22
33 14 19 00-0061	EA		16" Flanged, Swing Type Gravity Operated Check Valve.....	13,515.41	1,061.75
33 14 19 00-0062	EA		18" Flanged, Swing Type Gravity Operated Check Valve.....	19,524.10	1,177.58
33 14 19 00-0063	EA		20" Flanged, Swing Type Gravity Operated Check Valve.....	22,721.15	1,327.18
33 14 19 00-0064			Combination Air Release Valves (33 14 19 00-0001)		
33 14 19 00-0065	EA		1" Combination Air Release Valve.....	461.15	22.44
33 14 19 00-0066	EA		2" Combination Air Release Valve.....	745.70	38.48
33 14 19 00-0067			Corporation Stop And Curb Valve (33 14 19 00-0001)		
			Note: AWWA C800		
33 14 19 00-0068			Ball Corporation Valves (33 14 19 00-0067)		
			Note: Mueller B-25000.		
33 14 19 00-0069	EA		3/4" Ball Corporation Valve (Mueller B-25000)	81.52	22.44
33 14 19 00-0070	EA		1" Ball Corporation Valve (Mueller B-25000)	102.30	27.79
33 14 19 00-0071	EA		1-1/2" Ball Corporation Valve (Mueller B-25000)	181.09	40.62
33 14 19 00-0072	EA		2" Ball Corporation Valve (Mueller B-25000)	269.82	48.10
33 14 19 00-0073			Gate Valve, AWWA C500 And C509 (33 14 19 00-0001)		
33 14 19 00-0074			Gate Valve, Flanged (33 14 19 00-0073)		
			Note: Mueller A-2380-6.		
33 14 19 00-0075	EA		2" Gate Valve, Flanged.....	648.45	142.48
33 14 19 00-0076	EA		2-1/2" Gate Valve, Flanged.....	755.91	154.98
33 14 19 00-0077	EA		3" Gate Valve, Flanged.....	893.85	181.71
33 14 19 00-0078	EA		4" Gate Valve, Flanged.....	1,200.05	227.66
33 14 19 00-0079	EA		6" Gate Valve, Flanged.....	1,478.25	384.79
33 14 19 00-0080	EA		8" Gate Valve, Flanged.....	2,166.49	491.68
33 14 19 00-0081	EA		10" Gate Valve, Flanged.....	3,220.39	598.56
33 14 19 00-0082	EA		12" Gate Valve, Flanged.....	3,882.67	448.92
33 14 19 00-0083	EA		14" Gate Valve, Flanged.....	8,335.04	965.22
33 14 19 00-0084	EA		16" Gate Valve, Flanged.....	10,852.97	1,061.75
33 14 19 00-0085	EA		18" Gate Valve, Flanged.....	17,064.04	1,177.58
33 14 19 00-0086	EA		20" Gate Valve, Flanged.....	20,385.37	1,327.18
33 14 19 00-0087			Resilient Wedge Gate Valve, Flanged (33 14 19 00-0073)		
			Note: Mueller A-2360-6.		
33 14 19 00-0088	EA		2" Resilient Wedge Gate Valve, Flanged.....	621.84	142.48
33 14 19 00-0089	EA		2-1/2" Resilient Wedge Gate Valve, Flanged.....	724.13	154.98
33 14 19 00-0090	EA		3" Resilient Wedge Gate Valve, Flanged.....	856.13	181.71
33 14 19 00-0091	EA		4" Resilient Wedge Gate Valve, Flanged.....	1,157.89	227.66
33 14 19 00-0092	EA		6" Resilient Wedge Gate Valve, Flanged.....	1,421.88	384.79
33 14 19 00-0093	EA		8" Resilient Wedge Gate Valve, Flanged.....	2,078.44	491.68
33 14 19 00-0094	EA		10" Resilient Wedge Gate Valve, Flanged.....	3,080.47	598.56
33 14 19 00-0095	EA		12" Resilient Wedge Gate Valve, Flanged.....	3,713.73	448.92
33 14 19 00-0096			Gate Valve, Mechanical Joint (33 14 19 00-0073)		
			Note: Mueller A-2380-20.		
33 14 19 00-0097	EA		2" Gate Valve, Mechanical Joint.....	764.23	113.83
33 14 19 00-0098	EA		2-1/2" Gate Valve, Mechanical Joint.....	836.13	142.69
33 14 19 00-0099	EA		3" Gate Valve, Mechanical Joint.....	1,047.77	172.62
33 14 19 00-0100	EA		4" Gate Valve, Mechanical Joint.....	1,258.92	227.66
33 14 19 00-0101	EA		6" Gate Valve, Mechanical Joint.....	1,574.64	267.21
33 14 19 00-0102	EA		8" Gate Valve, Mechanical Joint.....	2,259.58	320.66
33 14 19 00-0103	EA		10" Gate Valve, Mechanical Joint.....	3,263.09	374.10
33 14 19 00-0104	EA		12" Gate Valve, Mechanical Joint.....	4,076.56	448.92
33 14 19 00-0105	EA		14" Gate Valve, Mechanical Joint.....	8,839.74	591.20
33 14 19 00-0106	EA		16" Gate Valve, Mechanical Joint.....	11,394.73	663.59
33 14 19 00-0107	EA		18" Gate Valve, Mechanical Joint.....	18,033.95	735.99
33 14 19 00-0108	EA		20" Gate Valve, Mechanical Joint.....	21,432.38	829.49
33 14 19 00-0109			Resilient Wedge Gate Valve, Mechanical Joint (33 14 19 00-0073)		
			Note: Mueller A-2360-20.		
33 14 19 00-0110	EA		2" Resilient Wedge Gate Valve, Mechanical Joint.....	733.85	113.83
33 14 19 00-0111	EA		3" Resilient Wedge Gate Valve, Mechanical Joint.....	1,008.00	172.62
33 14 19 00-0112	EA		4" Resilient Wedge Gate Valve, Mechanical Joint.....	1,213.43	227.66
33 14 19 00-0113	EA		6" Resilient Wedge Gate Valve, Mechanical Joint.....	1,515.77	267.21
33 14 19 00-0114	EA		8" Resilient Wedge Gate Valve, Mechanical Joint.....	2,167.99	320.66
33 14 19 00-0115	EA		10" Resilient Wedge Gate Valve, Mechanical Joint.....	3,120.74	374.10

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 14 19 00-0116	EA	12" Resilient Wedge Gate Valve, Mechanical Joint	3,896.61	448.92
33 14 19 00-0117		Resilient Wedge Gate Valve, Mechanical Joint X Flange Joint (33 14 19 00-0073) Note: Mueller A-2361.		
33 14 19 00-0118	EA	14" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	7,913.45	965.22
33 14 19 00-0119	EA	16" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	8,603.74	1,061.75
33 14 19 00-0120	EA	18" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	13,380.48	1,177.58
33 14 19 00-0121	EA	20" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	15,964.66	1,327.18
33 14 19 00-0122	EA	24" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	22,656.82	1,628.82
33 14 19 00-0123		Gate Valve, Threaded, WW-V-51 Class A, Type 1 (33 14 19 00-0073) Note: NIBCO T-113.		
33 14 19 00-0124	EA	1/4" Gate Valve, Bronze, Threaded	59.48	18.69
33 14 19 00-0125	EA	3/8" Gate Valve, Bronze, Threaded	61.25	18.69
33 14 19 00-0126	EA	1/2" Gate Valve, Bronze, Threaded	60.70	18.69
33 14 19 00-0127	EA	3/4" Gate Valve, Bronze, Threaded	78.17	25.24
33 14 19 00-0128	EA	1" Gate Valve, Bronze, Threaded	96.38	30.53
33 14 19 00-0129	EA	1-1/4" Gate Valve, Bronze, Threaded	130.97	38.65
33 14 19 00-0130	EA	1-1/2" Gate Valve, Bronze, Threaded	151.98	44.68
33 14 19 00-0131	EA	2" Gate Valve, Bronze, Threaded	184.38	52.24
33 14 19 00-0132	EA	2-1/2" Gate Valve, Bronze, Threaded	354.84	71.29
33 14 19 00-0133	EA	3" Gate Valve, Bronze, Threaded	425.30	81.77
33 14 19 00-0134		Globe Valve, AWWA (33 14 19 00-0001)		
33 14 19 00-0135		Globe Valve, Threaded, WW-V-51 Class B, Type 1 (33 14 19 00-0134) Note: NIBCO T-235.		
33 14 19 00-0136	EA	1/8" Globe Valve, Threaded	84.09	18.69
33 14 19 00-0137	EA	1/4" Globe Valve, Threaded	80.51	18.69
33 14 19 00-0138	EA	3/8" Globe Valve, Threaded	82.28	18.69
33 14 19 00-0139	EA	1/2" Globe Valve, Threaded	84.09	18.69
33 14 19 00-0140	EA	3/4" Globe Valve, Threaded	114.19	25.24
33 14 19 00-0141	EA	1" Globe Valve, Threaded	160.15	30.53
33 14 19 00-0142	EA	1-1/4" Globe Valve, Threaded	234.03	38.65
33 14 19 00-0143	EA	1-1/2" Globe Valve, Threaded	279.34	44.68
33 14 19 00-0144	EA	2" Globe Valve, Threaded	389.58	52.24
33 14 19 00-0145	EA	2-1/2" Globe Valve, Threaded	714.75	71.29
33 14 19 00-0146	EA	3" Globe Valve, Threaded	978.31	82.20
33 14 19 00-0147		Tapping Valve, AWWA C500 And C509 (33 14 19 00-0001)		
33 14 19 00-0148		Tapping Valve, AWWA C500 And C509 (33 14 19 00-0147) Note: Flanged inlet X mechanical joint, Mueller H-667.		
33 14 19 00-0149	EA	2" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	902.01	142.48
33 14 19 00-0150	EA	3" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	1,161.78	181.71
33 14 19 00-0151	EA	4" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	1,458.85	227.66
33 14 19 00-0152	EA	6" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	1,873.73	384.79
33 14 19 00-0153	EA	8" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	2,673.69	491.68
33 14 19 00-0154	EA	10" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	3,836.76	598.56
33 14 19 00-0155	EA	12" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	5,618.25	448.92
33 14 19 00-0156	EA	14" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	10,120.26	965.22
33 14 19 00-0157	EA	16" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	12,743.37	1,061.75
33 14 19 00-0158	EA	18" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	20,416.03	1,177.58
33 14 19 00-0159		Accessories For Valves (33 14 19)		
33 14 19 00-0160	EA	1" Valve Extension Stem	114.43	
		For Each Additional LF, Add	8.32	
33 14 19 00-0161	EA	Up to 80" Long Indicator Post Telescoping Barrel Assembly	1,592.55	106.89
		Note: Excludes valve.		
33 14 19 00-0162	EA	>80" To 114" Long Indicator Post Telescoping Barrel Assembly	1,806.47	117.58
		Note: Excludes valve.		
33 14 19 00-0163	EA	Adjust Water Valve Box To Grade	106.89	
33 14 19 00-0164		Fire Hydrants (33 14 19)		
		Note: Breakaway type.		
33 14 19 00-0165		Three Way, Standard (Traditional) Model Fire Hydrant (33 14 19 00-0164) Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		
33 14 19 00-0166	EA	1-1/2" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,560.74	279.83
33 14 19 00-0167	EA	2" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,627.25	279.83
33 14 19 00-0168	EA	2-1/2" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,693.93	279.83
33 14 19 00-0169	EA	3" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,780.28	299.82
33 14 19 00-0170	EA	3-1/2" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,846.86	299.82
33 14 19 00-0171	EA	4" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,938.48	324.80
33 14 19 00-0172	EA	4-1/2" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,004.95	324.80
33 14 19 00-0173	EA	5" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,096.60	349.79
33 14 19 00-0174	EA	5-1/2" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,163.17	349.79
33 14 19 00-0175	EA	6" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,254.62	374.77
33 14 19 00-0176	EA	6-1/2" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,346.16	399.76
33 14 19 00-0177	EA	7" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,462.57	449.72
33 14 19 00-0178	EA	1-1/2" Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,621.44	279.83

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 14 19 00-0179	EA		2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	3,707.75	279.83
33 14 19 00-0180	EA		2-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	3,793.85	279.83
33 14 19 00-0181	EA		3' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	3,899.94	299.82
33 14 19 00-0182	EA		3-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	3,986.04	299.82
33 14 19 00-0183	EA		4' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	4,097.44	324.80
33 14 19 00-0184	EA		4-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	4,183.43	324.80
33 14 19 00-0185	EA		5' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	4,294.61	349.79
33 14 19 00-0186	EA		5-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	4,380.69	349.79
33 14 19 00-0187	EA		6' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	4,491.62	374.77
33 14 19 00-0188	EA		6-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	4,602.92	399.76
33 14 19 00-0189	EA		7' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	4,738.83	449.72

33 14 19 00-0190

Two Way, Standard (Traditional) Model Fire Hydrant (33 14 19 00-0164)

Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).

33 14 19 00-0191	EA		1-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,195.66	279.83
33 14 19 00-0192	EA		2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,261.94	279.83
33 14 19 00-0193	EA		2-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,328.60	279.83
33 14 19 00-0194	EA		3' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,415.23	299.82
33 14 19 00-0195	EA		3-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,481.59	299.82
33 14 19 00-0196	EA		4' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,573.06	324.80
33 14 19 00-0197	EA		4-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,639.63	324.80
33 14 19 00-0198	EA		5' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,731.34	349.79
33 14 19 00-0199	EA		5-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,797.77	349.79
33 14 19 00-0200	EA		6' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,889.58	374.77
33 14 19 00-0201	EA		6-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,980.70	399.76
33 14 19 00-0202	EA		7' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	4,097.25	449.72
33 14 19 00-0203	EA		1-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,289.42	279.83
33 14 19 00-0204	EA		2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,375.54	279.83
33 14 19 00-0205	EA		2-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,461.53	279.83
33 14 19 00-0206	EA		3' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,567.84	299.82
33 14 19 00-0207	EA		3-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,653.72	299.82
33 14 19 00-0208	EA		4' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,764.97	324.80
33 14 19 00-0209	EA		4-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,850.90	324.80
33 14 19 00-0210	EA		5' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,962.36	349.79
33 14 19 00-0211	EA		5-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	4,048.24	349.79
33 14 19 00-0212	EA		6' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	4,159.47	374.77
33 14 19 00-0213	EA		6-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	4,270.35	399.76
33 14 19 00-0214	EA		7' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	4,406.73	449.72

33 14 19 00-0215

Three Way, Modern Model Fire Hydrant (33 14 19 00-0164)

Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).

33 14 19 00-0216	EA		1-1/2' Burial Section, Three Way, Modern Type Fire Hydrant.....	3,715.96	279.83
33 14 19 00-0217	EA		2' Burial Section, Three Way, Modern Type Fire Hydrant.....	3,801.95	279.83
33 14 19 00-0218	EA		2-1/2' Burial Section, Three Way, Modern Type Fire Hydrant.....	3,888.20	279.83
33 14 19 00-0219	EA		3' Burial Section, Three Way, Modern Type Fire Hydrant.....	3,994.34	299.82
33 14 19 00-0220	EA		3-1/2' Burial Section, Three Way, Modern Type Fire Hydrant.....	4,080.39	299.82
33 14 19 00-0221	EA		4' Burial Section, Three Way, Modern Type Fire Hydrant.....	4,191.47	324.80
33 14 19 00-0222	EA		4-1/2' Burial Section, Three Way, Modern Type Fire Hydrant.....	4,277.64	324.80
33 14 19 00-0223	EA		5' Burial Section, Three Way, Modern Type Fire Hydrant.....	4,388.75	349.79
33 14 19 00-0224	EA		5-1/2' Burial Section, Three Way, Modern Type Fire Hydrant.....	4,474.83	349.79
33 14 19 00-0225	EA		6' Burial Section, Three Way, Modern Type Fire Hydrant.....	4,585.91	349.79
33 14 19 00-0226	EA		6-1/2' Burial Section, Three Way, Modern Type Fire Hydrant.....	4,697.26	399.76
33 14 19 00-0227	EA		7' Burial Section, Three Way, Modern Type Fire Hydrant.....	4,832.27	399.76

33 14 19 00-0228

Two Way, Modern Model Fire Hydrant (33 14 19 00-0164)

Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).

33 14 19 00-0229	EA		1-1/2' Burial Section, Two Way, Modern Type Fire Hydrant.....	2,637.70	279.83
33 14 19 00-0230	EA		2' Burial Section, Two Way, Modern Type Fire Hydrant.....	2,703.14	279.83
33 14 19 00-0231	EA		2-1/2' Burial Section, Two Way, Modern Type Fire Hydrant.....	2,769.31	279.83
33 14 19 00-0232	EA		3' Burial Section, Two Way, Modern Type Fire Hydrant.....	2,853.97	299.82
33 14 19 00-0233	EA		3-1/2' Burial Section, Two Way, Modern Type Fire Hydrant.....	2,919.39	299.82
33 14 19 00-0234	EA		4' Burial Section, Two Way, Modern Type Fire Hydrant.....	3,009.79	324.80
33 14 19 00-0235	EA		4-1/2' Burial Section, Two Way, Modern Type Fire Hydrant.....	3,075.19	324.80
33 14 19 00-0236	EA		5' Burial Section, Two Way, Modern Type Fire Hydrant.....	3,165.68	349.79
33 14 19 00-0237	EA		5-1/2' Burial Section, Two Way, Modern Type Fire Hydrant.....	3,230.91	349.79
33 14 19 00-0238	EA		6' Burial Section, Two Way, Modern Type Fire Hydrant.....	3,321.33	374.77
33 14 19 00-0239	EA		6-1/2' Burial Section, Two Way, Modern Type Fire Hydrant.....	3,411.83	399.76
33 14 19 00-0240	EA		7' Burial Section, Two Way, Modern Type Fire Hydrant.....	3,526.40	449.72

33 14 19 00-0241

Fire Hydrant Extension Kits (33 14 19 00-0164)

33 14 19 00-0242	EA		6" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit.....	547.14	24.98
33 14 19 00-0243	EA		12" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit.....	649.67	31.23
33 14 19 00-0244	EA		18" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit.....	707.68	37.48
33 14 19 00-0245	EA		24" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit.....	803.38	46.22
33 14 19 00-0246	EA		30" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit.....	1,219.11	48.10
33 14 19 00-0247	EA		36" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit.....	1,302.46	49.97
33 14 19 00-0248	EA		42" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit.....	1,321.79	52.47
33 14 19 00-0249	EA		48" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit.....	1,395.87	56.21
33 14 19 00-0250	EA		54" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit.....	1,537.41	67.46
33 14 19 00-0251	EA		60" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit.....	1,619.66	81.20
33 14 19 00-0252	EA		6" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit.....	608.74	27.99

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 14 19 00-0253	EA	12" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit.....	720.32	33.98
33 14 19 00-0254	EA	18" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit.....	826.11	40.97
33 14 19 00-0255	EA	24" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit.....	922.18	50.97
33 14 19 00-0256	EA	30" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit.....	1,267.31	52.97
33 14 19 00-0257	EA	36" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit.....	1,351.70	54.96
33 14 19 00-0258	EA	42" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit.....	1,409.42	57.97
33 14 19 00-0259	EA	48" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit.....	1,650.06	61.96
33 14 19 00-0260	EA	54" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit.....	1,806.65	73.95
33 14 19 00-0261	EA	60" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit.....	1,895.20	88.95

33 14 19 00-0262 Removal And Reinstallation Of Standard Fire Hydrant (33 14 19 00-0164)

Note: Includes all necessary fittings for resetting, storage and cleaning. Excludes excavation, backfill and thrust blocking around fire hydrant.

33 14 19 00-0263	EA	Up To 5' Burial Section, Removal And Reinstallation Of Fire Hydrant.....	799.51	
33 14 19 00-0264	EA	>5' Burial Section, Removal And Reinstallation Of Fire Hydrant.....	1,165.95	
33 14 19 00-0265	EA	Reset Fire Hydrant Upper Barrel.....	1,075.87	

Note: Includes Safety Repair Kit

33 14 19 00-0266 Yard Hydrants (33 14 19)

Note: With 3/4" hose thread outlet.

33 14 19 00-0267	EA	2' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet.....	366.73	34.82
33 14 19 00-0268	EA	4' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet.....	394.26	34.82
33 14 19 00-0269	EA	6' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet.....	421.78	34.82
33 14 19 00-0270	EA	2' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet.....	316.95	44.11
33 14 19 00-0271	EA	4' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet.....	331.60	44.11
33 14 19 00-0272	EA	6' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet.....	346.25	44.11

33 14 19 00-0273 Sanitary Yard Hydrants (33 14 19)

Note: With 3/4" hose thread outlet.

33 14 19 00-0274	EA	2' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet.....	1,667.34	72.55
33 14 19 00-0275	EA	4' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet.....	1,753.36	72.55
33 14 19 00-0276	EA	6' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet.....	1,839.37	72.55

33 14 19 00-0277 Flushing Hydrants (33 14 19)

33 14 19 00-0278	EA	2" Inlet x 2-1/2" Outlet Steel Flushing Hydrant, 3' Bury Depth.....	835.44	44.69
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33 14 23 Enclosures for Water Utility Piping and Valves (33 14)

Note: Excludes excavation and backfill. See CSI section 22 11 19 00-0376 for Enclosures.

33 14 23 00-0001 Roadway Utility Box (33 14 23)**33 14 23 00-0002 Utility Box (33 14 23 00-0001)**

Note: Christy Concrete Products.

33 14 23 00-0003 B3 Utility Box, 9-3/8" x 15-1/2" (33 14 23 00-0002)

33 14 23 00-0004	EA	9-3/8" x 15-1/2" Precast Concrete Utility Box.....	115.56	52.92
33 14 23 00-0005	EA	Cast Iron Lid For 9-3/8" x 15-1/2" Utility Box.....	115.59	5.88
33 14 23 00-0006	EA	Reinforced Concrete Lid For 9-3/8" x 15-1/2" Utility Box.....	48.28	5.88
33 14 23 00-0007	EA	Steel Checkered Plate Cover For 9-3/8" x 15-1/2" Utility Box.....	252.43	5.88
33 14 23 00-0008	EA	12-1/8" x 18-5/8" Reinforced Concrete Slab For 9-3/8" x 15-1/2" Utility Box.....	68.62	11.76
33 14 23 00-0009	EA	3" High Reinforced Concrete Base For 9-3/8" x 15-1/2" Utility Box.....	98.36	11.76

33 14 23 00-0010 B9 Utility Box, 10-1/4" x 17-1/4" (33 14 23 00-0002)

33 14 23 00-0011	EA	10-1/4" x 17-1/4" Precast Concrete Utility Box.....	140.34	70.56
33 14 23 00-0012	EA	Cast Iron Lid For 10-1/4" x 17-1/4" Utility Box.....	135.41	7.05
33 14 23 00-0013	EA	Reinforced Concrete Lid For 10-1/4" x 17-1/4" Utility Box.....	53.61	7.05
33 14 23 00-0014	EA	Steel Checkered Plate Cover For 10-1/4" x 17-1/4" Utility Box.....	264.81	5.88
33 14 23 00-0015	EA	13" x 19-3/4" Reinforced Concrete Slab For 10-1/4" x 17-1/4" Utility Box.....	76.80	11.76
33 14 23 00-0016	EA	5-3/4" High Reinforced Concrete Base For 10-1/4" x 17-1/4" Utility Box.....	102.94	17.64
33 14 23 00-0017	EA	12" High Reinforced Concrete Extension For 10-1/4" x 17-1/4" Utility Box.....	122.54	32.34

33 14 23 00-0018 B12 Utility Box, 12" x 20" (33 14 23 00-0002)

33 14 23 00-0019	EA	12" x 20" Precast Concrete Utility Box.....	154.25	76.43
33 14 23 00-0020	EA	Cast Iron Lid For 12" x 20" Utility Box.....	243.64	8.82
33 14 23 00-0021	EA	Reinforced Concrete Lid For 12" x 20" Utility Box.....	72.03	11.76
33 14 23 00-0022	EA	Steel Checkered Plate Cover For 12" x 20" Utility Box.....	356.36	11.76
33 14 23 00-0023	EA	12" High Reinforced Concrete Extension For 12" x 20" Utility Box.....	159.74	41.16

33 14 23 00-0024 B16 Utility Box, 12" x 22-1/4" (33 14 23 00-0002)

33 14 23 00-0025	EA	12" x 22-1/4" Precast Concrete Utility Box.....	177.59	89.37
33 14 23 00-0026	EA	Cast Iron Lid For 12" x 22-1/4" Utility Box.....	275.38	11.76
33 14 23 00-0027	EA	Reinforced Concrete Lid For 12" x 22-1/4" Utility Box.....	88.89	11.76
33 14 23 00-0028	EA	Steel Checkered Plate Cover For 12" x 22-1/4" Utility Box.....	358.37	11.76
33 14 23 00-0029	EA	16" x 27" Reinforced Concrete Slab For 12" x 22-1/4" Utility Box.....	124.98	20.00
33 14 23 00-0030	EA	12" High Reinforced Concrete Extension For 12" x 22-1/4" Utility Box.....	162.54	41.16

33 14 23 00-0031 B30 Utility Box, 13-1/4" x 24" (33 14 23 00-0002)

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 14 23 00-0032	EA			13-1/4" x 24" Precast Concrete Utility Box (Christy B30BOX)	213.89	105.83
33 14 23 00-0033	EA			Reinforced Concrete Lid For 13-1/4" x 24" Utility Box (Christy B30D)	119.86	18.82
33 14 23 00-0034	EA			Steel Checkered Plate Cover For 13-1/4" x 24" Utility Box (Christy B30-61G)	443.07	15.29
33 14 23 00-0035	EA			16" x 27" Reinforced Concrete Slab For 13-1/4" x 24" Utility Box (Christy B30SL)	124.98	20.00
33 14 23 00-0036	EA			5-1/2" High Reinforced Concrete Base For 13-1/4" x 24" Utility Box (Christy B30BA)	191.57	32.93
33 14 23 00-0037	EA			6" High Reinforced Concrete Extension For 13-1/4" x 24" Utility Box (Christy B30X6)	149.45	22.34
33 14 23 00-0038	EA			12" High Reinforced Concrete Extension For 13-1/4" x 24" Utility Box (Christy B30X12)	210.59	52.92
33 14 23 00-0039 B36 Utility Box, 17-1/4" x 30" <small>(33 14 23 00-0002)</small>						
33 14 23 00-0040	EA			17-1/4" x 30" Precast Concrete Utility Box (Christy B36BOX)	279.44	134.06
33 14 23 00-0041	EA			Reinforced Concrete Lid For 17-1/4" x 30" Utility Box (Christy B36D)	195.37	32.34
33 14 23 00-0042	EA			Steel Checkered Plate Cover For 17-1/4" x 30" Utility Box (Christy B36-61D)	555.56	22.34
33 14 23 00-0043	EA			20" x 34" Reinforced Concrete Slab For 17-1/4" x 30" Utility Box (Christy B36SL)	176.66	42.33
33 14 23 00-0044	EA			6" High Reinforced Concrete Base For 17-1/4" x 30" Utility Box (Christy B36BA)	297.82	47.03
33 14 23 00-0045	EA			12" High Reinforced Concrete Extension For 17-1/4" x 30" Utility Box (Christy B36X12)	281.07	68.20
33 14 23 00-0046 B40 Utility Box, 24-1/2" x 36" <small>(33 14 23 00-0002)</small>						
33 14 23 00-0047	EA			24-1/2" x 36" Precast Concrete Utility Box	576.55	206.97
33 14 23 00-0048	EA			Reinforced Concrete Lid For 24-1/2" x 36" Utility Box	534.16	77.61
33 14 23 00-0049	EA			Steel Checkered Plate Cover For 24-1/2" x 36" Utility Box	789.20	34.10
33 14 23 00-0050	EA			30" x 40" Reinforced Concrete Slab For 24-1/2" x 36" Utility Box	437.18	72.91
33 14 23 00-0051	EA			10" High Reinforced Concrete Extension For 24-1/2" x 36" Utility Box	463.79	76.43
33 14 23 00-0052 B48 Utility Box, 30-1/4" x 48-1/4" <small>(33 14 23 00-0002)</small>						
33 14 23 00-0053	EA			30-1/4" x 48-1/4" Precast Concrete Utility Box	730.29	235.18
33 14 23 00-0054	EA			1 Piece Reinforced Concrete Lid For 30-1/4" x 48-1/4" Utility Box	737.26	128.17
33 14 23 00-0055	EA			2 Piece Reinforced Concrete Lid For 30-1/4" x 48-1/4" Utility Box	928.06	128.17
33 14 23 00-0056	EA			2 Piece Steel Checkered Plate Cover For 30-1/4" x 48-1/4" Utility Box	1,249.65	58.80
33 14 23 00-0057	EA			36" x 53" Reinforced Concrete Slab For 30-1/4" x 48-1/4" Utility Box	637.75	158.75
33 14 23 00-0058	EA			10" High Reinforced Concrete Extension For 30-1/4" x 48-1/4" Utility Box	573.80	107.01
33 14 23 00-0059 Roadway Or Curb Valve Boxes <small>(33 14 23)</small>						
See CSI section 22 05 19 00-0000 for metering.						
33 14 23 00-0060 Round Head, Cast Iron Service, Roadway Or Valve Boxes <small>(33 14 23 00-0059)</small>						
33 14 23 00-0061	EA			36" To 48" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	303.91	14.11
Note: Includes cover, top section and bottom section.						
33 14 23 00-0062	EA			36" To 54" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	356.02	14.11
Note: Includes cover, top section and bottom section.						
33 14 23 00-0063	EA			42" To 60" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	358.42	14.11
Note: Includes cover, top section and bottom section.						
33 14 23 00-0064	EA			9" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	87.72	7.05
33 14 23 00-0065	EA			16" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	101.52	7.05
33 14 23 00-0066	EA			24" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	122.27	7.05
33 14 23 00-0067	EA			36" To 48" High, Screw Type, 4-1/4" Shaft, Round Head, Cast Iron Roadway Box	462.99	17.64
Note: Includes cover, top section and bottom section.						
33 14 23 00-0068	EA			45" To 54" High, Three Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box	809.46	24.69
Note: Includes cover, top section, bottom section and #6 round base.						
33 14 23 00-0069	EA			45" To 66" High, Three Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box	906.66	24.69
Note: Includes cover, top section, bottom section and #6 round base.						
33 14 23 00-0070	EA			24" To 36" High, Two Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box	482.26	17.64
Note: Includes cover, top section and bottom section.						
33 14 23 00-0071	EA			36" To 48" High, Two Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box	505.49	17.64
Note: Includes cover, top section and bottom section.						
33 14 23 00-0072	EA			24" To 36" High, Two Piece, Slip Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box	487.75	17.64
Note: Includes cover, top section and bottom section.						
33 14 23 00-0073	EA			12" Extension For Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box	175.92	7.05
33 14 23 00-0074	EA			18" To 24" High Round Head Cast Iron Roadway Or Curb Valve Boxes	286.62	29.02
33 14 23 00-0075	EA			22" To 28" High Round Head Cast Iron Roadway Or Curb Valve Boxes	297.17	30.18
33 14 23 00-0076	EA			30" To 36" High Round Head Cast Iron Roadway Or Curb Valve Boxes	331.11	31.34
33 14 23 00-0077	EA			36" To 48" High Round Head Cast Iron Roadway Or Curb Valve Box	464.74	33.08
33 14 23 00-0078	EA			48" To 60" High Round Head Cast Iron Roadway Or Curb Valve Boxes	563.40	34.82
33 14 23 00-0079	EA			18" Cast Iron Service Box Extension Section	133.99	
33 14 23 00-0080 Plastic Roadway Grade Water Meter Box And Cover <small>(33 14 23 00-0059)</small>						
33 14 23 00-0081	EA			12" Wide x 16" Long x 16" Deep Plastic Meter Box And Cover	471.48	40.63
33 14 23 00-0082	EA			9-3/4" Wide x 19-1/4" Long x 16" Deep Oval Plastic Meter Box And Cover	356.91	29.02
33 14 23 00-0083	EA			Cast Iron Lid For Plastic Meter Box	110.75	
33 14 23 00-0084 Traffic Valve Box And Lid <small>(33 14 23 00-0059)</small>						
33 14 23 00-0085	EA			10-3/8" ID x 12" Traffic Valve Box And 11" OD Cast Iron Lid (Christy G-5)	212.81	
33 14 23 00-0086	EA			14-1/2" ID x 12" Traffic Valve Box And 13-1/4" OD Cast Iron Lid (Christy G-12)	691.95	

33 16 Water Utility Storage Tanks (33 10)

33 16 23 Ground-Level Steel Water Storage Tanks (33 16)

See CSI section 23 13 23 16-0000 for aboveground steel storage tanks.

33 Utilities**33 10 Water Utilities****33 19 Water Utility Metering Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
33 19 Water Utility Metering Equipment (33 10)**33 19 13 Positive Displacement Water Meters** (33 19)**33 19 13 23 Nutating Disc Water Meters** (33 19 13)**33 19 13 23-0001 Bronze Disk Type Water Service Meters** (33 19 13 23)

33 19 13 23-0002	EA	5/8" Diameter, 0 To 20 GPM, Screwed, Disk Type, Bronze Water Supply Meter	317.02	60.36
33 19 13 23-0003	EA	3/4" Diameter, 0 To 30 GPM, Screwed, Disk Type, Bronze Water Supply Meter	398.69	71.96
33 19 13 23-0004	EA	1" Diameter, 0 To 50 GPM, Screwed, Disk Type, Bronze Water Supply Meter	536.14	82.41
33 19 13 23-0005	EA	1-1/2" Diameter, 0 To 100 GPM, Screwed, Disk Type, Bronze Water Supply Meter	1,045.04	123.04
33 19 13 23-0006	EA	2" Diameter, 0 To 160 GPM, Screwed, Disk Type, Bronze Water Supply Meter	1,416.29	160.18

33 19 13 23-0007 Magnetic Driven, Positive Displacement Type Water Service Meters (33 19 13 23)

33 19 13 23-0008	EA	5/8" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max. (Neptune T10 E-Coder/R900i).....	560.14	60.36
		<i>For Owner Furnished Material, Deduct</i>	<i>-499.05</i>	
33 19 13 23-0009	EA	3/4" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i).....	638.65	71.96
		<i>For Owner Furnished Material, Deduct</i>	<i>-566.10</i>	
33 19 13 23-0010	EA	1" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i).....	951.53	82.41
		<i>For Owner Furnished Material, Deduct</i>	<i>-868.62</i>	
33 19 13 23-0011	EA	1-1/2" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i).....	1,610.74	123.04
		<i>For Owner Furnished Material, Deduct</i>	<i>-1,487.26</i>	
33 19 13 23-0012	EA	2" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i).....	1,993.94	160.18
		<i>For Owner Furnished Material, Deduct</i>	<i>-1,832.73</i>	
33 19 13 23-0013	EA	Electronic Transmitter.....	454.32	29.02
		Note: For use with transmitting meter valve.		
		<i>For Owner Furnished Material, Deduct</i>	<i>-425.30</i>	

33 19 16 Velocity-Type Water Meters (33 19)**33 19 16 23 Turbine Water Meters** (33 19 16)**33 19 16 23-0001 Flanged Turbine Water Service Meter** (33 19 16 23)**33 19 16 23-0002 Vertical Turbine Meters** (33 19 16 23-0001)

33 19 16 23-0003	EA	1-1/2" Diameter, 0 - 100 GPM Vertical Turbine Meter, Flanged.....	747.14	112.23
33 19 16 23-0004	EA	2" Diameter, 0 - 160 GPM Vertical Turbine Meter, Flanged.....	1,042.67	142.48
33 19 16 23-0005	EA	3" Diameter, 0 - 350 GPM Vertical Turbine Meter, Flanged.....	1,984.36	181.71
33 19 16 23-0006	EA	4" Diameter, 0 - 650 GPM Vertical Turbine Meter, Flanged.....	2,971.24	284.32
33 19 16 23-0007	EA	6" Diameter, 0 - 1,300 GPM Vertical Turbine Meter, Flanged.....	5,487.57	384.79

33 19 16 23-0008 Horizontal Turbine Meters (33 19 16 23-0001)

33 19 16 23-0009	EA	1-1/2" Diameter, 0 - 120 GPM Horizontal Turbine Meter, Flanged	1,151.48	112.23
33 19 16 23-0010	EA	2" Diameter, 0 - 160 GPM Horizontal Turbine Meter, Flanged	1,619.91	142.48
33 19 16 23-0011	EA	3" Diameter, 0 - 600 GPM Horizontal Turbine Meter, Flanged	2,215.79	181.71
33 19 16 23-0012	EA	4" Diameter, 0 - 1,000 GPM Horizontal Turbine Meter, Flanged.....	3,277.16	284.32
33 19 16 23-0013	EA	6" Diameter, 0 - 2,000 GPM Horizontal Turbine Meter, Flanged.....	6,602.15	384.79
33 19 16 23-0014	EA	8" Diameter, 0 - 3,500 GPM Horizontal Turbine Meter, Flanged.....	8,805.55	491.68
33 19 16 23-0015	EA	10" Diameter, 0 - 5,500 GPM Horizontal Turbine Meter, Flanged.....	12,227.25	598.56
33 19 16 23-0016	EA	12" Diameter, 0 - 6,600 GPM Horizontal Turbine Meter, Flanged.....	14,933.27	943.80

33 19 19 Compound Water Meters (33 19)**33 19 19 00-0001 Flanged Compound Type Water Service Meter** (33 19 19)

33 19 19 00-0002	EA	2" Diameter, 0 To 160 GPM, Flanged And Bronze, Compound Type Water Service Meter	3,005.83	142.48
33 19 19 00-0003	EA	3" Diameter, 0 To 320 GPM, Flanged And Bronze, Compound Type Water Service Meter	3,734.70	181.71
33 19 19 00-0004	EA	4" Diameter, 0 To 500 GPM, Flanged And Bronze, Compound Type Water Service Meter	6,160.70	284.32
33 19 19 00-0005	EA	6" Diameter, 0 To 1,000 GPM, Flanged And Bronze, Compound Type Water Service Meter	8,607.87	384.79
33 19 19 00-0006	EA	8" Diameter, 0 To 1,600 GPM, Flanged And Bronze, Compound Type Water Service Meter	17,448.21	491.68
33 19 19 00-0007	EA	10" Diameter, 0 To 2,500 GPM, Flanged And Bronze, Compound Type Water Service Meter	29,693.47	598.56

33 19 23 Magnetic Water Meters (33 19)**33 19 23 00-0001 Flanged Electromagnetic Flow (EMF) Water Meter** (33 19 23)

33 19 23 00-0002	EA	2" Diameter, Flanged, Stainless Steel, Electromagnetic Flow (EMF) Water Meter (Sensus Accu-MAG)	8,368.68	142.48
33 19 23 00-0003	EA	3" Diameter, Flanged, Stainless Steel, Electromagnetic Flow (EMF) Water Meter (Sensus Accu-MAG)	11,799.25	181.71
33 19 23 00-0004	EA	4" Diameter, Flanged, Stainless Steel, Electromagnetic Flow (EMF) Water Meter (Sensus Accu-MAG)	13,546.03	284.32

33 19 26 Ultrasonic Water Meters (33 19)**33 19 26 00-0001 Ultrasonic Water Service Meters (Mastermeter Octive)** (33 19 26)

33 19 26 00-0002	EA	3" Diameter, Ductile Iron Body, Flanged, Ultrasonic Water Meter (Mastermeter Octive).....	4,248.27	181.71
33 19 26 00-0003	EA	4" Diameter, Ductile Iron Body, Flanged, Ultrasonic Water Meter (Mastermeter Octive).....	4,896.06	284.32
33 19 26 00-0004	EA	6" Diameter, Ductile Iron Body, Flanged, Ultrasonic Water Meter (Mastermeter Octive).....	7,205.00	384.79
33 19 26 00-0005	EA	8" Diameter, Ductile Iron Body, Flanged, Ultrasonic Water Meter (Mastermeter Octive).....	10,378.25	491.68

33 30 Sanitary Sewerage Utilities (33)**33 31 Sanitary Sewerage Piping** (33 30)

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 31 11 Public Sanitary Sewerage Gravity Piping (33 31)

Note: Piping includes hydrostatic testing, disinfecting and warning tape. Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 31 11 00-0001	Plastic Sewer And Drain Piping (33 31 11)		
33 31 11 00-0002	Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe (33 31 11 00-0001)		
33 31 11 00-0003	LF 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	9.74	3.94
33 31 11 00-0004	LF 2" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	11.82	4.65
33 31 11 00-0005	LF 3" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	16.45	5.63
33 31 11 00-0006	LF 4" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	20.61	6.57
33 31 11 00-0007	LF 6" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	28.31	7.64
33 31 11 00-0008	LF 8" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	38.07	8.89
33 31 11 00-0009	LF 10" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	52.26	9.20
33 31 11 00-0010	LF 12" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	68.85	9.53
33 31 11 00-0011	Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe (33 31 11 00-0001)		
	Note: D-2729 PVC pipe.		
33 31 11 00-0012	LF 3" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe	13.43	5.63
33 31 11 00-0013	LF 4" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe	15.85	6.57
33 31 11 00-0014	LF 6" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe	20.61	7.64
33 31 11 00-0015	Polyvinyl Chloride (PVC) Sewer And Drain Fittings (33 31 11 00-0001)		
33 31 11 00-0016	1/4 Bends, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0015)		
33 31 11 00-0017	EA 1-1/2" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	26.36	13.44
33 31 11 00-0018	EA 2" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	33.88	17.37
33 31 11 00-0019	EA 3" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	59.51	23.33
33 31 11 00-0020	EA 4" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	92.28	26.97
33 31 11 00-0021	EA 6" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	368.30	35.05
33 31 11 00-0022	EA 8" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	611.45	47.17
33 31 11 00-0023	EA 10" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	807.20	62.82
33 31 11 00-0024	1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0015)		
33 31 11 00-0025	EA 1-1/2" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	27.79	13.44
33 31 11 00-0026	EA 2" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	33.76	17.37
33 31 11 00-0027	EA 3" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	57.36	23.33
33 31 11 00-0028	EA 4" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	81.78	26.97
33 31 11 00-0029	EA 6" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	341.59	35.05
33 31 11 00-0030	EA 8" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	549.35	47.17
33 31 11 00-0031	EA 10" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	624.55	62.82
33 31 11 00-0032	EA 12" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	928.36	83.67
33 31 11 00-0033	Long Sweep 1/4 Bends, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0015)		
33 31 11 00-0034	EA 1-1/2" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	43.77	13.24
33 31 11 00-0035	EA 2" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	43.90	17.37
33 31 11 00-0036	EA 3" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	85.27	23.33
33 31 11 00-0037	EA 4" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	139.51	26.97
33 31 11 00-0038	EA 6" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	277.08	35.05
33 31 11 00-0039	EA 8" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	491.56	47.17
33 31 11 00-0040	EA 10" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	805.05	62.82
33 31 11 00-0041	EA 12" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	1,220.47	83.67
33 31 11 00-0042	1/16 Bends, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0015)		
33 31 11 00-0043	EA 1-1/2" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	30.84	13.44
33 31 11 00-0044	EA 2" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	36.86	17.37
33 31 11 00-0045	EA 3" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	66.27	23.33
33 31 11 00-0046	EA 4" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	98.34	26.97
33 31 11 00-0047	EA 6" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	457.17	35.05
33 31 11 00-0048	EA 8" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	740.82	47.17
33 31 11 00-0049	EA 10" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	836.65	62.82
33 31 11 00-0050	EA 12" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	857.66	83.67
33 31 11 00-0051	Reducers, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0015)		
33 31 11 00-0052	EA 2" x 1-1/2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	35.43	15.33
33 31 11 00-0053	EA 3" x 1-1/2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	67.07	18.30
33 31 11 00-0054	EA 3" x 2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	63.45	20.18
33 31 11 00-0055	EA 4" x 2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	98.72	22.06
33 31 11 00-0056	EA 4" x 3" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	106.15	25.03
33 31 11 00-0057	EA 6" x 4" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	324.75	30.98
33 31 11 00-0058	EA 8" x 6" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	689.82	41.07
33 31 11 00-0059	EA 10" x 4" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	179.48	44.85
33 31 11 00-0060	EA 10" x 6" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	248.39	48.92
33 31 11 00-0061	EA 10" x 8" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	232.58	54.94
33 31 11 00-0062	EA 12" x 6" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	717.44	59.38
33 31 11 00-0063	EA 12" x 8" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	757.84	65.40
33 31 11 00-0064	EA 12" x 10" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	802.62	73.25

33 Utilities**33 30 Sanitary Sewerage Utilities****33 31 Sanitary Sewerage Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0065			Sanitary Tees, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0015)		
33 31 11 00-0066	EA		1-1/2" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	41.51	20.30
33 31 11 00-0067	EA		2" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	55.18	26.26
33 31 11 00-0068	EA		3" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	94.23	34.64
33 31 11 00-0069	EA		4" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	144.99	43.03
33 31 11 00-0070	EA		6" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	538.95	47.17
33 31 11 00-0071	EA		8" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	699.59	62.82
33 31 11 00-0072			Wyes, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0015)		
33 31 11 00-0073	EA		1-1/2" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	52.60	20.30
33 31 11 00-0074	EA		2" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	61.62	26.26
33 31 11 00-0075	EA		3" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	102.46	34.64
33 31 11 00-0076	EA		4" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	158.48	43.03
33 31 11 00-0077	EA		6" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	488.38	47.17
33 31 11 00-0078	EA		8" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	603.54	62.82
33 31 11 00-0079	EA		10" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	793.95	83.83
33 31 11 00-0080	EA		12" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	1,253.18	111.88
33 31 11 00-0081			Reducing Wyes, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0015)		
33 31 11 00-0082	EA		2" x 1-1/2" x 1-1/2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	70.02	20.30
33 31 11 00-0083	EA		2" x 2" x 1" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	78.56	26.26
33 31 11 00-0084	EA		3" x 3" x 2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	91.01	34.64
33 31 11 00-0085	EA		4" x 4" x 2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	139.99	43.03
33 31 11 00-0086	EA		4" x 4" x 3" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	152.63	43.03
33 31 11 00-0087			Double Wyes, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0015)		
33 31 11 00-0088	EA		1-1/2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	86.55	26.26
33 31 11 00-0089	EA		2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	112.71	34.64
33 31 11 00-0090	EA		3" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	226.93	46.76
33 31 11 00-0091	EA		4" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	402.81	56.56
33 31 11 00-0092	EA		2" x 2" x 1-1/2" x 1-1/2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	107.47	34.64
33 31 11 00-0093	EA		3" x 3" x 2" x 2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	186.86	46.76
33 31 11 00-0094	EA		4" x 4" x 3" x 3" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	336.62	56.56
33 31 11 00-0095			Combination Wye And 1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0015)		
33 31 11 00-0096	EA		1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	66.44	20.30
33 31 11 00-0097	EA		2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	83.21	26.26
33 31 11 00-0098	EA		3" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	167.33	34.64
33 31 11 00-0099	EA		4" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	303.98	43.03
33 31 11 00-0100	EA		2" x 2" x 1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	130.20	26.26
33 31 11 00-0101	EA		3" x 3" x 1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	209.89	34.64
33 31 11 00-0102	EA		3" x 3" x 2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	150.69	34.64
33 31 11 00-0103	EA		4" x 4" x 2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	284.02	43.03
33 31 11 00-0104	EA		4" x 4" x 3" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	302.27	43.03
33 31 11 00-0105			Double Combination Wye And 1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0015)		
33 31 11 00-0106	EA		1-1/2" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	97.28	26.26
33 31 11 00-0107	EA		2" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	113.91	34.64
33 31 11 00-0108	EA		3" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	177.67	46.76
33 31 11 00-0109	EA		4" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	651.59	56.56
33 31 11 00-0110	EA		6" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	2,151.47	62.82
33 31 11 00-0111			Cleanout Tees With Plug, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0015)		
33 31 11 00-0112	EA		4" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain	511.21	106.93
33 31 11 00-0113	EA		6" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain	1,226.23	137.96
33 31 11 00-0114	EA		8" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain	1,560.79	194.40
33 31 11 00-0115	EA		10" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain	2,152.42	312.72
33 31 11 00-0116			Couplings, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0015)		
33 31 11 00-0117	EA		1-1/2" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	25.61	13.44
33 31 11 00-0118	EA		2" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	31.93	17.27
33 31 11 00-0119	EA		3" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	50.29	23.13
33 31 11 00-0120	EA		4" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	65.95	26.97
33 31 11 00-0121	EA		6" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	193.61	35.05
33 31 11 00-0122	EA		8" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	477.98	47.17
33 31 11 00-0123	EA		10" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	725.40	62.82
33 31 11 00-0124	EA		12" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	1,200.74	83.67
33 31 11 00-0125			Adapters, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0015)		
33 31 11 00-0126	EA		4" Male, Plastic Pipe x Malleable Iron Pipe Adapter, Drain And Sewer Fitting	131.46	75.04
33 31 11 00-0127	EA		2" x 3" x 3" Downspout Adapter, Drain And Sewer Fitting	91.96	57.08
33 31 11 00-0128	EA		2" x 3" x 4" Downspout Adapter, Drain And Sewer Fitting	94.72	57.08

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0129 EA 3" x 4" x 4" Downspout Adapter, Drain And Sewer Fitting	102.06	57.08
33 31 11 00-0130 EA 4" Hub, Cast Iron Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting.....	133.47	75.04
33 31 11 00-0131 EA 4" Spigot, Clay Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting	127.60	75.04
33 31 11 00-0132 EA 4" Spigot, Fiberglass Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting.....	117.96	75.04
33 31 11 00-0133 EA 4" Drain Grate, Drain And Sewer Fitting	65.02	38.58
33 31 11 00-0134 Caps, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0015)		
33 31 11 00-0135 EA 3" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting	38.50	14.44
33 31 11 00-0136 EA 4" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting	65.09	17.98
33 31 11 00-0137 EA 6" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting	126.05	23.23
33 31 11 00-0138 Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0015)		
33 31 11 00-0139 EA 1-1/2" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain.....	23.50	13.44
33 31 11 00-0140 EA 2" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain.....	30.62	17.37
33 31 11 00-0141 EA 3" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain.....	45.95	23.33
33 31 11 00-0142 EA 4" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain.....	61.36	26.97
33 31 11 00-0143 EA 6" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain.....	107.95	35.05
33 31 11 00-0144 EA 8" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain.....	427.05	47.17
33 31 11 00-0145 Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe (33 31 11 00-0001)		
Note: ASTM 3034.		
33 31 11 00-0146 LF 4" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	16.21	6.57
33 31 11 00-0147 LF 6" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	21.14	7.64
33 31 11 00-0148 LF 8" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	27.72	8.89
33 31 11 00-0149 LF 10" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	33.33	9.20
33 31 11 00-0150 LF 12" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	40.05	9.53
33 31 11 00-0151 LF 15" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	51.23	9.87
33 31 11 00-0152 LF 18" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	64.01	10.22
33 31 11 00-0153 LF 21" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	82.27	11.10
33 31 11 00-0154 LF 24" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	99.18	11.97
33 31 11 00-0155 LF 27" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	123.00	14.05
33 31 11 00-0156 Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe (33 31 11 00-0001)		
Note: ASTM 3034.		
33 31 11 00-0157 LF 4" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe.....	18.21	6.57
33 31 11 00-0158 LF 6" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe.....	25.43	7.64
33 31 11 00-0159 LF 8" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe.....	35.50	8.89
33 31 11 00-0160 Gasketed SDR 35 Polyvinyl Chloride (PVC) Fittings (33 31 11 00-0001)		
Note: ASTM 3034.		
33 31 11 00-0161 1/4 Bends, Gasketed SDR 35 Polyvinyl Chloride (PVC) (33 31 11 00-0160)		
33 31 11 00-0162 EA 4" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	83.36	24.48
33 31 11 00-0163 EA 6" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	125.71	28.47
33 31 11 00-0164 EA 8" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	270.55	32.26
33 31 11 00-0165 EA 10" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	791.34	37.95
33 31 11 00-0166 EA 12" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	1,022.77	48.39
33 31 11 00-0167 1/8 Bends, Gasketed SDR 35 Polyvinyl Chloride (PVC) (33 31 11 00-0160)		
33 31 11 00-0168 EA 4" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	74.61	24.48
33 31 11 00-0169 EA 6" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	116.06	28.47
33 31 11 00-0170 EA 8" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	246.16	32.26
33 31 11 00-0171 EA 10" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	561.76	37.95
33 31 11 00-0172 EA 12" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	804.48	48.39
33 31 11 00-0173 EA 15" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	1,734.68	68.31
33 31 11 00-0174 EA 18" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	2,755.52	96.78
33 31 11 00-0175 EA 21" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	4,607.04	128.08
33 31 11 00-0176 EA 24" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	6,282.87	170.78
33 31 11 00-0177 Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) (33 31 11 00-0160)		
33 31 11 00-0178 EA 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	126.26	36.72
33 31 11 00-0179 EA 6" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	208.68	40.70
33 31 11 00-0180 EA 6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	235.39	42.69
33 31 11 00-0181 EA 8" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	260.57	44.68
33 31 11 00-0182 EA 8" x 6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	299.72	46.68
33 31 11 00-0183 EA 8" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	586.07	48.67
33 31 11 00-0184 EA 10" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	754.33	49.81
33 31 11 00-0185 EA 10" x 6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	856.24	52.19
33 31 11 00-0186 EA 10" x 8" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	1,271.08	54.17
33 31 11 00-0187 EA 10" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	1,660.74	56.93
33 31 11 00-0188 EA 12" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	928.37	60.63
33 31 11 00-0189 EA 12" x 6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	986.06	62.62
33 31 11 00-0190 EA 12" x 8" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	1,414.34	64.62
33 31 11 00-0191 EA 12" x 10" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	2,047.71	67.36
33 31 11 00-0192 EA 12" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	2,308.61	72.58
33 31 11 00-0193 Wyes, Gasketed SDR 35 Polyvinyl Chloride (PVC) (33 31 11 00-0160)		

33 Utilities**33 30 Sanitary Sewerage Utilities****33 31 Sanitary Sewerage Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 31 11 00-0194	EA	4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	119.48	36.72
33 31 11 00-0195	EA	6" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	186.06	40.70
33 31 11 00-0196	EA	6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	205.02	42.69
33 31 11 00-0197	EA	8" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	250.87	44.68
33 31 11 00-0198	EA	8" x 6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	288.16	46.68
33 31 11 00-0199	EA	8" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	447.87	48.67
33 31 11 00-0200	EA	10" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	688.63	50.19
33 31 11 00-0201	EA	10" x 6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	702.17	52.19
33 31 11 00-0202	EA	10" x 8" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,063.64	54.17
33 31 11 00-0203	EA	10" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,177.85	56.93
33 31 11 00-0204	EA	12" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	873.61	60.63
33 31 11 00-0205	EA	12" x 6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	901.01	62.62
33 31 11 00-0206	EA	12" x 8" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,297.76	64.62
33 31 11 00-0207	EA	12" x 10" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,566.88	67.36
33 31 11 00-0208	EA	12" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,635.35	72.58
33 31 11 00-0209	EA	15" x 10" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,016.04	87.29
33 31 11 00-0210	EA	15" x 12" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,237.96	92.51
33 31 11 00-0211	EA	15" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,801.95	102.47

33 31 11 00-0212 Couplings, Gasketed SDR 35 Polyvinyl Chloride (PVC) (33 31 11 00-0160)

33 31 11 00-0213	EA	4" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	82.58	24.48
33 31 11 00-0214	EA	6" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	130.86	28.47
33 31 11 00-0215	EA	8" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	195.77	32.44
33 31 11 00-0216	EA	10" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	377.73	37.95
33 31 11 00-0217	EA	12" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	537.56	48.39
33 31 11 00-0218	EA	15" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,059.19	68.31
33 31 11 00-0219	EA	18" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,001.53	96.78
33 31 11 00-0220	EA	21" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	3,349.68	128.08
33 31 11 00-0221	EA	24" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	4,853.40	170.78

33 31 11 00-0222 Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC) (33 31 11 00-0160)

33 31 11 00-0223	EA	6" x 4" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	164.03	26.47
33 31 11 00-0224	EA	8" x 4" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	237.82	28.47
33 31 11 00-0225	EA	8" x 6" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	250.66	30.45
33 31 11 00-0226	EA	10" x 6" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	575.05	33.21
33 31 11 00-0227	EA	10" x 8" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	661.78	35.20
33 31 11 00-0228	EA	12" x 6" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	739.69	38.42
33 31 11 00-0229	EA	12" x 8" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	850.04	40.42
33 31 11 00-0230	EA	12" x 10" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	975.60	43.17
33 31 11 00-0231	EA	15" x 12" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,470.79	58.34

33 31 11 00-0232 Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC) (33 31 11 00-0160)

33 31 11 00-0233	EA	6" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	133.80	
33 31 11 00-0234	EA	8" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	177.75	
33 31 11 00-0235	EA	8" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	181.94	
33 31 11 00-0236	EA	10" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	306.01	
33 31 11 00-0237	EA	10" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	323.55	
33 31 11 00-0238	EA	10" x 8" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	625.22	
33 31 11 00-0239	EA	12" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	347.68	
33 31 11 00-0240	EA	12" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	380.55	
33 31 11 00-0241	EA	12" x 8" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	867.61	
33 31 11 00-0242	EA	12" x 10" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	1,025.89	
33 31 11 00-0243	EA	15" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	395.25	
33 31 11 00-0244	EA	15" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	423.94	

33 31 11 00-0245 Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC) (33 31 11 00-0160)

33 31 11 00-0246	EA	6" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	143.62	
33 31 11 00-0247	EA	8" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	177.75	
33 31 11 00-0248	EA	8" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	195.31	
33 31 11 00-0249	EA	10" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	280.00	
33 31 11 00-0250	EA	10" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	321.44	
33 31 11 00-0251	EA	10" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	494.29	
33 31 11 00-0252	EA	12" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	345.59	
33 31 11 00-0253	EA	12" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	378.57	
33 31 11 00-0254	EA	12" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	574.42	
33 31 11 00-0255	EA	12" x 10" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	702.25	
33 31 11 00-0256	EA	15" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	393.96	
33 31 11 00-0257	EA	15" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	414.22	
33 31 11 00-0258	EA	15" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	703.81	
33 31 11 00-0259	EA	15" x 10" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	780.95	
33 31 11 00-0260	EA	15" x 12" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	1,112.48	

33 31 11 00-0261 Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe and Fittings (33 31 11 00-0001)

Note: ASTM F949.

33 31 11 00-0262 Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe (33 31 11 00-0261)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 31 11 00-0263	LF		4" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe.....	16.67	6.57
33 31 11 00-0264	LF		6" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe.....	24.28	7.64
33 31 11 00-0265	LF		8" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe.....	31.26	8.89
33 31 11 00-0266	LF		10" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe.....	37.82	9.20
33 31 11 00-0267	LF		12" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe.....	40.14	9.53
33 31 11 00-0268	LF		15" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe.....	48.01	9.87
33 31 11 00-0269	LF		18" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe.....	62.63	10.22
33 31 11 00-0270	LF		21" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe.....	73.58	11.10
33 31 11 00-0271	LF		24" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe.....	91.16	11.97
33 31 11 00-0272	LF		30" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe.....	131.53	16.12

33 31 11 00-0273 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) (33 31 11 00-0261)

33 31 11 00-0274	EA		4" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	73.07	
33 31 11 00-0275	EA		6" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	100.62	
33 31 11 00-0276	EA		8" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	141.03	
33 31 11 00-0277	EA		10" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	244.03	
33 31 11 00-0278	EA		12" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	261.32	
33 31 11 00-0279	EA		15" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	439.90	
33 31 11 00-0280	EA		18" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	700.43	
33 31 11 00-0281	EA		21" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	1,003.49	
33 31 11 00-0282	EA		24" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	1,306.48	
33 31 11 00-0283	EA		30" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	1,726.55	

33 31 11 00-0284 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) (33 31 11 00-0261)

33 31 11 00-0285	EA		4" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	67.76	
33 31 11 00-0286	EA		6" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	92.76	
33 31 11 00-0287	EA		8" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	129.59	
33 31 11 00-0288	EA		10" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	222.53	
33 31 11 00-0289	EA		12" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	238.79	
33 31 11 00-0290	EA		15" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	400.12	
33 31 11 00-0291	EA		18" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	635.57	
33 31 11 00-0292	EA		21" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	907.23	
33 31 11 00-0293	EA		24" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	1,178.95	
33 31 11 00-0294	EA		30" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	1,556.38	

33 31 11 00-0295 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) (33 31 11 00-0261)

33 31 11 00-0296	EA		4" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	59.80	
33 31 11 00-0297	EA		6" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	76.16	
33 31 11 00-0298	EA		8" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	121.12	
33 31 11 00-0299	EA		10" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	153.59	
33 31 11 00-0300	EA		12" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	214.90	
33 31 11 00-0301	EA		15" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	357.83	
33 31 11 00-0302	EA		18" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	524.39	
33 31 11 00-0303	EA		21" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	808.72	
33 31 11 00-0304	EA		24" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	1,093.06	
33 31 11 00-0305	EA		30" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	1,552.30	

33 31 11 00-0306 Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) (33 31 11 00-0261)

33 31 11 00-0307	EA		4" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC).....	114.29	
33 31 11 00-0308	EA		6" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC).....	149.61	
33 31 11 00-0309	EA		8" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC).....	272.74	
33 31 11 00-0310	EA		10" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC).....	443.43	
33 31 11 00-0311	EA		12" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC).....	744.94	
33 31 11 00-0312	EA		15" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC).....	1,065.93	
33 31 11 00-0313	EA		18" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC).....	1,549.55	
33 31 11 00-0314	EA		21" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC).....	1,785.58	
33 31 11 00-0315	EA		24" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC).....	2,021.54	
33 31 11 00-0316	EA		30" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC).....	3,695.58	

33 31 11 00-0317 Tees, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) (33 31 11 00-0261)

33 31 11 00-0318	EA		4" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC).....	103.41	
33 31 11 00-0319	EA		6" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC).....	134.70	
33 31 11 00-0320	EA		8" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC).....	242.26	
33 31 11 00-0321	EA		10" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC).....	391.33	
33 31 11 00-0322	EA		12" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC).....	653.42	
33 31 11 00-0323	EA		15" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC).....	933.82	
33 31 11 00-0324	EA		18" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC).....	1,356.10	
33 31 11 00-0325	EA		21" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC).....	1,561.21	
33 31 11 00-0326	EA		24" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC).....	1,766.29	
33 31 11 00-0327	EA		30" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC).....	3,216.01	

33 31 11 00-0328 Couplings And Plug Fittings (33 31 11)

33 Utilities**33 30 Sanitary Sewerage Utilities****33 31 Sanitary Sewerage Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 31 11 00-0329		Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Couplings <small>(33 31 11 00-0328)</small>	
Note: For cast iron or plastic to cast iron to plastic pipe. Includes stainless steel clamps.			
33 31 11 00-0330	EA	1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-150)	19.89 7.05
33 31 11 00-0331	EA	2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-22)	21.76 8.23
33 31 11 00-0332	EA	3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-33)	25.18 9.40
33 31 11 00-0333	EA	4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-44)	28.55 10.00
33 31 11 00-0334	EA	5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-55)	34.99 10.58
33 31 11 00-0335	EA	6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-66)	41.47 11.76
33 31 11 00-0336	EA	8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-88)	52.80 12.93
33 31 11 00-0337	EA	10" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1010)	65.26 13.52
33 31 11 00-0338	EA	12" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1212)	108.04 14.11
33 31 11 00-0339	EA	15" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1515)	147.24 15.29
33 31 11 00-0340	EA	18" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1818)	284.39 15.87
33 31 11 00-0341	EA	21" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-2121)	330.49 16.76
33 31 11 00-0342	EA	24" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-2424)	366.17 17.64
33 31 11 00-0343	EA	27" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-2727)	438.71 18.82

33 31 11 00-0344		Cast Iron Service Saddles With U Bolt <small>(33 31 11)</small>	
33 31 11 00-0345	EA	2" Diameter x 2" Tapped Tee Cast Iron Service Saddles With U Bolt	117.58
33 31 11 00-0346	EA	3" Diameter x 1-1/2" Tapped Tee Cast Iron Service Saddles With U Bolt	118.21
33 31 11 00-0347	EA	3" Diameter x 2" Tapped Tee Cast Iron Service Saddles With U Bolt	130.09
33 31 11 00-0348	EA	4" Diameter x 1-1/2" Tapped Tee Cast Iron Service Saddles With U Bolt	125.92
33 31 11 00-0349	EA	4" Diameter x 2" Hub Tee Cast Iron Service Saddles With U Bolt	142.13
33 31 11 00-0350	EA	4" Diameter x 3" Hub Tee Cast Iron Service Saddles With U Bolt	159.94
33 31 11 00-0351	EA	4" Diameter x 4" Hub Tee Cast Iron Service Saddles With U Bolt	189.48
33 31 11 00-0352	EA	6" Diameter x 2" Hub Tee Cast Iron Service Saddles With U Bolt	160.43
33 31 11 00-0353	EA	6" Diameter x 3" Hub Tee Cast Iron Service Saddles With U Bolt	175.37
33 31 11 00-0354	EA	6" Diameter x 4" Hub Tee Cast Iron Service Saddles With U Bolt	202.26
33 31 11 00-0355	EA	2" Diameter x 2" Tapped Wye Cast Iron Service Saddles With U Bolt	165.29
33 31 11 00-0356	EA	4" Diameter x 1-1/2" Tapped Wye Cast Iron Service Saddle With U Bolt	129.49
33 31 11 00-0357	EA	4" Diameter x 2" Tapped Wye Cast Iron Service Saddle With U Bolt	141.37
33 31 11 00-0358	EA	4" Diameter x 3" Hub Wye Cast Iron Service Saddle With U Bolt	168.29
33 31 11 00-0359	EA	4" Diameter x 4" Hub Wye Cast Iron Service Saddle With U Bolt	199.73
33 31 11 00-0360	EA	6" Diameter x 4" Hub Wye Cast Iron Service Saddle With U Bolt	215.04

33 31 11 00-0361		Manhole Inside Bowl Drop <small>(33 31 11)</small>	
33 31 11 00-0362	EA	Inside Pipe Drop, 4" Outlet for 4' to 5' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A4DB)	327.26
33 31 11 00-0363	EA	Inside Pipe Drop, 4" Outlet for 6' to 8' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A4R96)	343.17
33 31 11 00-0364	EA	Inside Pipe Drop, 6" Outlet for 4' to 5' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A6DB)	351.63
33 31 11 00-0365	EA	Inside Pipe Drop, 6" Outlet for 6' to 8' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A6R96)	363.75
33 31 11 00-0366	EA	Inside Pipe Drop, 8" Outlet for 4' to 5' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A8DB)	377.83
33 31 11 00-0367	EA	Inside Pipe Drop, 8" Outlet for 6' to 8' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A8DBR84)	405.36
33 31 11 00-0368	EA	Inside Pipe Drop, 10" Outlet for 4' to 5' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A10DB)	421.83
33 31 11 00-0369	EA	Inside Pipe Drop, 10" Outlet for 6' to 8' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A10R96)	435.59
33 31 11 00-0370	EA	Inside Pipe Drop, 12" Outlet for 4' to 6' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner 24/12R60)	751.39
33 31 11 00-0371	EA	Inside Pipe Drop, 12" Outlet for 7' to 8' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner 24/12R96)	772.04

33 32 Sanitary Sewerage Equipment (33 30)**33 32 16 Packaged Wastewater Grinder Pump Assemblies (33 32)**

33 32 16 00-0001		Submersible Grinder Pumps, Cast Iron With Bronze Impeller <small>(33 32 16)</small>	
33 32 16 00-0002	EA	2 HP Submersible Grinder Pump, 200/208, 230 Volt, 1 Phase, 3450 RPM, 1-1/2" Threaded Discharge Note: Zoeller 840 series.	2,181.97 348.48
33 32 16 00-0003	EA	2 HP Submersible Grinder Pump, 200/208, 230, 460 Volt, 3 Phase, 3450 RPM, 1-1/2" Threaded Discharge Note: Zoeller 840 series.	2,151.27 348.48
33 32 16 00-0004	EA	Simplex Control Panel With Auto Reversing Switch Note: For Zoeller 840 series grinder pump.	1,029.36 116.12
33 32 16 00-0005	EA	Duplex Control Panel With Auto Reversing Switch Note: For Zoeller 840 series grinder pump.	1,599.85 116.12
33 32 16 00-0006	EA	Grinder Pump, 120 Gallon Sewage Basin, 1 HP, 120 V (Environment One 2012-74)	12,899.20

33 32 16 00-0007		Submersible Grinder Pumps <small>(33 32 16)</small>	
Note: Includes 50' of cord with pumps unless otherwise noted.			
33 32 16 00-0008	EA	2 HP Submersible Grinder Pump At 3,450 RPM, Explosion Proof	3,814.44 702.13
33 32 16 00-0009	EA	3 HP Submersible Grinder Pump At 3,450 RPM, Explosion Proof	5,700.29 819.15
33 32 16 00-0010	EA	5 HP Submersible Grinder Pump At 3,450 RPM, Explosion Proof	6,980.73 1,053.19

33 40 Stormwater Utilities (33)**33 41 Subdrainage (33 40)****33 41 16 Subdrainage Piping (33 41)****33 41 16 13 Subdrainage Piping (33 41 16)**

See CSI section 33 42 11 00-0173 for polyethylene drain pipe.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 41 16 13-0001			Corrugated High Density Polyethylene (HDPE) Drainage Piping <small>(33 41 16 13)</small>		
33 41 16 13-0002			Single Wall, Corrugated High Density Polyethylene (HDPE) Piping <small>(33 41 16 13-0001)</small> Note: Excludes couplings and gaskets.		
33 41 16 13-0003			Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Piping <small>(33 41 16 13-0002)</small>		
33 41 16 13-0004	LF		4" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	5.84	4.61
			For <100, Add	0.98	
			For >1,000, Deduct	-0.52	
33 41 16 13-0005	LF		6" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	7.68	4.93
			For <100, Add	1.12	
			For >1,000, Deduct	-0.63	
33 41 16 13-0006	LF		8" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	10.04	5.18
			For <100, Add	1.28	
			For >1,000, Deduct	-0.76	
33 41 16 13-0007	LF		10" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	14.31	5.34
			For <100, Add	1.52	
			For >1,000, Deduct	-0.98	
33 41 16 13-0008	LF		12" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	17.02	5.83
			For <100, Add	1.73	
			For >1,000, Deduct	-1.14	
33 41 16 13-0009	LF		15" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	22.88	6.58
			For <100, Add	2.13	
			For >1,000, Deduct	-1.47	
33 41 16 13-0010	LF		18" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	36.65	11.13
			For <100, Add	3.50	
			For >1,000, Deduct	-2.39	
33 41 16 13-0011	LF		24" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	52.07	12.23
			For <100, Add	4.44	
			For >1,000, Deduct	-3.22	
33 41 16 13-0012			Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Piping <small>(33 41 16 13-0002)</small>		
33 41 16 13-0013	LF		4" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	5.66	4.61
			For <100, Add	0.97	
			For >1,000, Deduct	-0.51	
33 41 16 13-0014	LF		6" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	7.60	4.93
			For <100, Add	1.12	
			For >1,000, Deduct	-0.63	
33 41 16 13-0015	LF		8" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	13.38	5.18
			For <100, Add	1.45	
			For >1,000, Deduct	-0.93	
33 41 16 13-0016	LF		10" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	16.07	5.34
			For <100, Add	1.60	
			For >1,000, Deduct	-1.07	
33 41 16 13-0017	LF		12" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	18.95	5.83
			For <100, Add	1.82	
			For >1,000, Deduct	-1.24	
33 41 16 13-0018	LF		15" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	22.67	6.58
			For <100, Add	2.12	
			For >1,000, Deduct	-1.46	
33 41 16 13-0019	LF		18" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	35.38	11.13
			For <100, Add	3.44	
			For >1,000, Deduct	-2.33	
33 41 16 13-0020	LF		24" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	50.06	12.23
			For <100, Add	4.34	
			For >1,000, Deduct	-3.11	
33 41 16 13-0021			Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe Fittings <small>(33 41 16 13-0001)</small> Note: Excludes couplings and gaskets.		
33 41 16 13-0022			Tees, Single Wall, Corrugated High Density Polyethylene (HDPE) <small>(33 41 16 13-0021)</small>		
33 41 16 13-0023	EA		4" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE).....	44.60	22.78
33 41 16 13-0024	EA		6" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE).....	53.27	26.58
33 41 16 13-0025	EA		8" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE).....	91.43	32.27
33 41 16 13-0026	EA		10" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE).....	118.08	39.87
33 41 16 13-0027	EA		12" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE).....	180.66	47.47
33 41 16 13-0028	EA		15" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE).....	411.05	62.02
33 41 16 13-0029	EA		18" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE).....	487.25	83.53
33 41 16 13-0030	EA		24" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE).....	950.68	94.93
33 41 16 13-0031			Wyes, Single Wall, Corrugated High Density Polyethylene (HDPE) <small>(33 41 16 13-0021)</small>		
33 41 16 13-0032	EA		4" Wye, Single Wall, Corrugated High Density Polyethylene (HDPE).....	46.16	22.78
33 41 16 13-0033	EA		6" Wye, Single Wall, Corrugated High Density Polyethylene (HDPE).....	58.36	26.58
33 41 16 13-0034	EA		8" Wye, Single Wall, Corrugated High Density Polyethylene (HDPE).....	144.68	32.27
33 41 16 13-0035			45 Degree Bends, Single Wall, Corrugated High Density Polyethylene (HDPE) <small>(33 41 16 13-0021)</small>		
33 41 16 13-0036	EA		4" 45 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE).....	30.26	15.19

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 41 16 13-0037			90 Degree Bends, Single Wall, Corrugated High Density Polyethylene (HDPE) <small>(33 41 16 13-0021)</small>		
33 41 16 13-0038	EA		4" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE).....	31.90	15.19
33 41 16 13-0039	EA		6" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE).....	42.10	17.72
33 41 16 13-0040	EA		8" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE).....	64.75	21.52
33 41 16 13-0041	EA		10" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE).....	86.14	26.58
33 41 16 13-0042			Perforated Polyvinyl Chloride (PVC) Drainage Piping, D2729 <small>(33 41 16 13)</small>		
			Note: Includes fittings, couplings, elbows, etc.		
33 41 16 13-0043	LF		3" Perforated Polyvinyl Chloride (PVC) Drainage Piping	8.38	3.94
			For <100, Add	1.01	
			For >1,000, Deduct	-0.62	
33 41 16 13-0044	LF		4" Perforated Polyvinyl Chloride (PVC) Drainage Piping	9.20	4.27
			For <100, Add	1.10	
			For >1,000, Deduct	-0.67	
33 41 16 13-0045	LF		6" Perforated Polyvinyl Chloride (PVC) Drainage Piping	13.60	5.11
			For <100, Add	1.45	
			For >1,000, Deduct	-0.94	
33 41 16 13-0046	LF		8" Perforated Polyvinyl Chloride (PVC) Drainage Piping	22.24	6.39
			For <100, Add	2.07	
			For >1,000, Deduct	-1.43	
33 41 16 13-0047	LF		10" Perforated Polyvinyl Chloride (PVC) Drainage Piping	38.34	6.65
			For <100, Add	2.91	
			For >1,000, Deduct	-2.25	
33 41 16 13-0048	LF		12" Perforated Polyvinyl Chloride (PVC) Drainage Piping	49.69	7.26
			For <100, Add	3.57	
			For >1,000, Deduct	-2.85	
33 41 16 13-0049	LF		15" Perforated Polyvinyl Chloride (PVC) Drainage Piping	69.71	8.18
			For <100, Add	4.71	
			For >1,000, Deduct	-3.89	
33 41 16 13-0050			Perforated Non Reinforced Concrete Drainage Piping, C444 <small>(33 41 16 13)</small>		
33 41 16 13-0051	LF		6" Perforated Non Reinforced Concrete Drainage Pipe.....	33.17	11.76
			For Extra Strength, Add	1.92	
			For >1,000, Deduct	-1.66	
33 41 16 13-0052	LF		8" Perforated Non Reinforced Concrete Drainage Pipe.....	38.86	13.07
			For Extra Strength, Add	2.37	
			For >1,000, Deduct	-1.94	
33 41 16 13-0053	LF		10" Perforated Non Reinforced Concrete Drainage Pipe.....	44.03	14.37
			For Extra Strength, Add	2.76	
			For >1,000, Deduct	-2.20	
33 41 16 13-0054	LF		12" Perforated Non Reinforced Concrete Drainage Pipe.....	51.85	15.68
			For Extra Strength, Add	3.46	
			For >1,000, Deduct	-2.59	
33 41 16 13-0055			Extra Strength Porous Non Reinforced Concrete Drainage Piping, C654 <small>(33 41 16 13)</small>		
			Note: Bell and spigot or tongue and groove. With seals and gaskets.		
33 41 16 13-0056	LF		6" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	27.21	11.76
			For >1,000, Deduct	-1.36	
33 41 16 13-0057	LF		8" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	30.11	13.07
			For >1,000, Deduct	-1.51	
33 41 16 13-0058	LF		10" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	33.23	14.37
			For >1,000, Deduct	-1.66	
33 41 16 13-0059	LF		12" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	38.02	14.93
			For >1,000, Deduct	-1.90	
33 41 16 13-0060	LF		15" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	44.28	16.80
			For >1,000, Deduct	-2.21	
33 41 16 13-0061	LF		18" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	54.77	21.47
			For >1,000, Deduct	-2.74	
33 41 16 13-0062	LF		21" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	68.38	27.54
			For >1,000, Deduct	-3.42	
33 41 16 13-0063	LF		24" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	83.39	33.60
			For >1,000, Deduct	-4.17	
33 41 16 13-0064			Standard Strength Porous Non Reinforced Concrete Drainage Piping, C654 <small>(33 41 16 13)</small>		
33 41 16 13-0065	LF		6" Standard Strength Porous Non Reinforced Concrete Drainage Pipe	25.25	11.76
			For >1,000, Deduct	-1.26	
33 41 16 13-0066	LF		8" Standard Strength Porous Non Reinforced Concrete Drainage Pipe	32.29	13.07
			For >1,000, Deduct	-1.61	
33 41 16 13-0067	LF		10" Standard Strength Porous Non Reinforced Concrete Drainage Pipe	41.12	14.37
			For >1,000, Deduct	-2.06	
33 41 16 13-0068	LF		12" Standard Strength Porous Non Reinforced Concrete Drainage Pipe	50.10	15.68
			For >1,000, Deduct	-2.51	
33 41 16 13-0069	LF		15" Standard Strength Porous Non Reinforced Concrete Drainage Pipe	57.44	17.44
			For >1,000, Deduct	-2.87	
33 41 16 13-0070	LF		18" Standard Strength Porous Non Reinforced Concrete Drainage Pipe	74.54	21.76
			For >1,000, Deduct	-3.73	
33 41 16 13-0071			Perforated Vitrified Clay Drainage Piping, C700 <small>(33 41 16 13)</small>		
33 41 16 13-0072	LF		4" Perforated Vitrified Clay Drainage Pipe	24.60	13.07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 41 16 13-0073	LF		6" Perforated Vitrified Clay Drainage Pipe.....	29.42	14.70
33 41 16 13-0074	LF		8" Perforated Vitrified Clay Drainage Pipe.....	33.63	14.70
33 41 16 13-0075	LF		10" Perforated Vitrified Clay Drainage Pipe.....	45.14	17.96
33 41 16 13-0076	LF		12" Perforated Vitrified Clay Drainage Pipe.....	53.70	19.60

33 41 16 13-0077 Geotextile Filter Fabric Sock (33 41 16 13)

33 41 16 13-0078	LF		3" Geotextile Filter Fabric Sock.....	0.79	
33 41 16 13-0079	LF		4" Geotextile Filter Fabric Sock.....	1.03	
33 41 16 13-0080	LF		6" Geotextile Filter Fabric Sock.....	1.57	
33 41 16 13-0081	LF		8" Geotextile Filter Fabric Sock.....	2.11	
33 41 16 13-0082	LF		10" Geotextile Filter Fabric Sock.....	3.17	
33 41 16 13-0083	LF		12" Geotextile Filter Fabric Sock.....	4.40	
33 41 16 13-0084	LF		15" Geotextile Filter Fabric Sock.....	5.32	

33 41 16 13-0085 Strip-Perforated, Galvanized, Corrugated Steel Pipe (33 41 16 13)

Note: Perforations are located in the bottom quarter points of the pipe.

33 41 16 13-0086	LF		6" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe.....	23.60	5.60
			<i>For Full Perforated, Add</i>	1.24	
33 41 16 13-0087	LF		8" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe.....	29.92	6.79
			<i>For Full Perforated, Add</i>	1.63	
33 41 16 13-0088	LF		10" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe.....	37.73	8.62
			<i>For Full Perforated, Add</i>	2.05	
33 41 16 13-0089	LF		12" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe.....	41.80	10.18
			<i>For Full Perforated, Add</i>	2.14	
33 41 16 13-0090	LF		15" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe.....	48.02	10.54
			<i>For Full Perforated, Add</i>	2.69	
33 41 16 13-0091	LF		18" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe.....	54.38	10.92
			<i>For Full Perforated, Add</i>	3.25	
33 41 16 13-0092	LF		21" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe.....	62.30	11.79
			<i>For Full Perforated, Add</i>	3.87	

33 41 16 13-0093 Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe (33 41 16 13)

Note: Perforations are located in the bottom quarter points of the pipe.

33 41 16 13-0094	LF		6" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe.....	25.60	5.60
			<i>For Full Perforated, Add</i>	1.44	
33 41 16 13-0095	LF		8" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe.....	32.63	6.79
			<i>For Full Perforated, Add</i>	1.91	
33 41 16 13-0096	LF		10" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe.....	41.04	8.62
			<i>For Full Perforated, Add</i>	2.38	
33 41 16 13-0097	LF		12" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe.....	45.01	10.18
			<i>For Full Perforated, Add</i>	2.46	
33 41 16 13-0098	LF		15" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe.....	51.98	10.54
			<i>For Full Perforated, Add</i>	3.09	
33 41 16 13-0099	LF		18" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe.....	59.09	10.92
			<i>For Full Perforated, Add</i>	3.72	
33 41 16 13-0100	LF		21" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe.....	67.78	11.79
			<i>For Full Perforated, Add</i>	4.42	

33 41 16 13-0101 Strip-Perforated, Corrugated Aluminum Pipe (33 41 16 13)

Note: Perforations are located in the bottom quarter points of the pipe.

33 41 16 13-0102	LF		6" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe.....	26.24	5.60
			<i>For Full Perforated, Add</i>	1.50	
33 41 16 13-0103	LF		8" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe.....	33.46	6.79
			<i>For Full Perforated, Add</i>	1.99	
33 41 16 13-0104	LF		10" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe.....	42.09	8.62
			<i>For Full Perforated, Add</i>	2.49	
33 41 16 13-0105	LF		12" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe.....	52.93	10.18
			<i>For Full Perforated, Add</i>	3.26	
33 41 16 13-0106	LF		15" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe.....	61.83	10.54
			<i>For Full Perforated, Add</i>	4.08	
33 41 16 13-0107	LF		18" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe.....	71.03	10.92
			<i>For Full Perforated, Add</i>	4.92	
33 41 16 13-0108	LF		21" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe.....	81.71	11.79
			<i>For Full Perforated, Add</i>	5.81	

33 41 16 13-0109 Prefabricated Composite Drains (33 41 16 13)
33 41 16 13-0110 Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE) (33 41 16 13-0109)

Note: Excludes excavation and backfill. See CSI section 31 23 16 13-0000 for excavation and backfill.

33 41 16 13-0111	LF		12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE).....	10.83	2.18
			<i>For External Typar Geotextile Wrap, Add</i>	2.03	
33 41 16 13-0112	EA		Coupler For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE).....	49.19	
33 41 16 13-0113	EA		End Cap For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE).....	49.19	
33 41 16 13-0114	EA		Side Outlet For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE).....	96.19	
33 41 16 13-0115	EA		End Outlet For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE).....	96.19	
33 41 16 13-0116	LF		18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE).....	17.40	2.72
			<i>For External Typar Geotextile Wrap, Add</i>	3.04	
33 41 16 13-0117	EA		Coupler For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE).....	73.32	
33 41 16 13-0118	EA		End Cap For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE).....	73.32	
33 41 16 13-0119	EA		Side Outlet For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE).....	126.69	
33 41 16 13-0120	EA		End Outlet For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE).....	126.69	

33 Utilities
33 40 Stormwater Utilities
33 41 Subdrainage

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 41 19 Underslab Drainage (33 41)

33 41 19 13 Underslab Drainage Piping (33 41 19)

33 41 19 13-0001 Capillary Water Barrier Underslab Drainage (33 41 19 13)

Note: Consists of a layer of fine granular material overlying a coarse layer.

33 41 19 13-0002	CY	2" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	69.00	
33 41 19 13-0003	CY	4" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	66.52	
33 41 19 13-0004	CY	6" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	65.52	
33 41 19 13-0005	CY	8" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	64.03	

33 42 Stormwater Conveyance (33 42)

Note: Piping includes hydrostatic testing, disinfecting and warning tape. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 42 11 Stormwater Gravity Piping (33 42)

33 42 11 00-0001 Reinforced Concrete Piping (33 42 11)

33 42 11 00-0002 Class 3 Reinforced Concrete Pipe Without Gaskets (33 42 11 00-0001)

33 42 11 00-0003	LF	12" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	49.90	15.68
		For >1,000, Deduct	-2.50	
		For Class 4, Add	2.61	
		For Class 5, Add	5.50	
33 42 11 00-0004	LF	15" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	60.13	17.44
		For >1,000, Deduct	-3.01	
		For Class 4, Add	3.34	
		For Class 5, Add	7.04	
33 42 11 00-0005	LF	18" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	68.12	21.76
		For >1,000, Deduct	-3.41	
		For Class 4, Add	3.52	
		For Class 5, Add	7.41	
33 42 11 00-0006	LF	21" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	87.33	27.44
		For >1,000, Deduct	-4.37	
		For Class 4, Add	4.57	
		For Class 5, Add	9.63	
33 42 11 00-0007	LF	24" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	102.06	33.32
		For >1,000, Deduct	-5.10	
		For Class 4, Add	5.17	
		For Class 5, Add	10.89	
33 42 11 00-0008	LF	27" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	129.94	42.84
		For >1,000, Deduct	-6.50	
		For Class 4, Add	6.53	
		For Class 5, Add	13.75	
33 42 11 00-0009	LF	30" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	138.30	44.24
		For >1,000, Deduct	-6.92	
		For Class 4, Add	7.06	
		For Class 5, Add	14.87	
33 42 11 00-0010	LF	36" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	171.93	50.27
		For >1,000, Deduct	-8.60	
		For Class 4, Add	9.58	
		For Class 5, Add	20.17	
33 42 11 00-0011	LF	42" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	224.13	55.30
		For >1,000, Deduct	-11.21	
		For Class 4, Add	13.86	
		For Class 5, Add	29.18	
33 42 11 00-0012	LF	48" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	268.95	61.58
		For >1,000, Deduct	-13.45	
		For Class 4, Add	17.19	
		For Class 5, Add	36.19	
33 42 11 00-0013	LF	54" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	335.53	70.38
		For >1,000, Deduct	-16.78	
		For Class 4, Add	22.32	
		For Class 5, Add	47.00	
33 42 11 00-0014	LF	60" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	405.62	81.64
		For >1,000, Deduct	-20.28	
		For Class 4, Add	27.45	
		For Class 5, Add	57.80	

33 42 11 00-0015 Concrete Reducing Wye Without Gaskets (33 42 11 00-0001)

33 42 11 00-0016	EA	12" Concrete Reducing Wye Without Gaskets	628.36	59.73
33 42 11 00-0017	EA	15" Concrete Reducing Wye Without Gaskets	753.32	72.80
33 42 11 00-0018	EA	18" Concrete Reducing Wye Without Gaskets	932.47	80.26
33 42 11 00-0019	EA	21" Concrete Reducing Wye Without Gaskets	1,068.99	98.93
33 42 11 00-0020	EA	24" Concrete Reducing Wye Without Gaskets	1,206.95	119.47

33 42 11 00-0021 Concrete Pipe Joint Gaskets (33 42 11 00-0001)

33 42 11 00-0022	EA	12" Diameter Concrete Pipe Joint Gasket	6.10	
33 42 11 00-0023	EA	15" Diameter Concrete Pipe Joint Gasket	7.21	
33 42 11 00-0024	EA	18" Diameter Concrete Pipe Joint Gasket	8.36	
33 42 11 00-0025	EA	21" Diameter Concrete Pipe Joint Gasket	10.10	
33 42 11 00-0026	EA	24" Diameter Concrete Pipe Joint Gasket	11.83	
33 42 11 00-0027	EA	27" Diameter Concrete Pipe Joint Gasket	13.19	
33 42 11 00-0028	EA	30" Diameter Concrete Pipe Joint Gasket	14.49	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

33 42 11 00-0029	EA	36" Diameter Concrete Pipe Joint Gasket	17.70	
33 42 11 00-0030	EA	42" Diameter Concrete Pipe Joint Gasket	20.52	
33 42 11 00-0031	EA	48" Diameter Concrete Pipe Joint Gasket	23.67	
33 42 11 00-0032	EA	54" Diameter Concrete Pipe Joint Gasket	29.01	
33 42 11 00-0033	EA	60" Diameter Concrete Pipe Joint Gasket	42.95	

33 42 11 00-0034 Couplings (33 42 11 00-0001)

33 42 11 00-0035 Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Couplings (33 42 11 00-0034)

Note: For concrete to cast iron or plastic pipe. Includes stainless steel clamps. Fernco 1006.

33 42 11 00-0036	EA	4" x 3" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	49.56	
33 42 11 00-0037	EA	4" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	45.05	
33 42 11 00-0038	EA	6" x 4" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	81.72	
33 42 11 00-0039	EA	6" x 5" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	85.34	
33 42 11 00-0040	EA	6" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	78.39	
33 42 11 00-0041	EA	8" x 6" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	125.89	
33 42 11 00-0042	EA	8" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	107.01	
33 42 11 00-0043	EA	10" x 8" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	160.84	
33 42 11 00-0044	EA	10" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	140.92	
33 42 11 00-0045	EA	12" x 10" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	196.31	
33 42 11 00-0046	EA	12" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	161.79	
33 42 11 00-0047	EA	15" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	533.87	

33 42 11 00-0048 Precast Concrete Cut Off Wall (33 42 11 00-0001)

33 42 11 00-0049	EA	12" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	267.83	176.96
33 42 11 00-0050	EA	15" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	330.24	219.19
33 42 11 00-0051	EA	18" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	408.72	277.50
33 42 11 00-0052	EA	21" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	483.19	331.79
33 42 11 00-0053	EA	24" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	555.55	383.98
33 42 11 00-0054	EA	27" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	682.40	490.66
33 42 11 00-0055	EA	30" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	887.76	675.66
33 42 11 00-0056	EA	36" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,105.25	852.62
33 42 11 00-0057	EA	42" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,362.39	1,069.59
33 42 11 00-0058	EA	48" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,523.59	1,205.53
33 42 11 00-0059	EA	54" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,700.28	1,351.32
33 42 11 00-0060	EA	60" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,879.17	1,501.13
33 42 11 00-0061	EA	66" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,952.82	1,558.43
33 42 11 00-0062	EA	72" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	2,017.64	1,608.71
33 42 11 00-0063	EA	78" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	2,082.45	1,658.98
33 42 11 00-0064	EA	84" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	2,149.08	1,709.25

33 42 11 00-0065 Strap Assembly (33 42 11 00-0001)

Note: Includes drilling holes in concrete pipe, setting threaded rod, bolts, and mounting the 12' strap.

33 42 11 00-0066	EA	Up To 24" Diameter Pipe, 12' Strap Assembly	233.73	
33 42 11 00-0067	EA	>24" Diameter Pipe, 12' Strap Assembly	330.10	

33 42 11 00-0068 Prestressed Concrete Cylinder Piping (33 42 11)

33 42 11 00-0069 150 PSI Prestressed Concrete Cylinder Pipe And Fittings (33 42 11 00-0068)

33 42 11 00-0070 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets (33 42 11 00-0069)

Note: Lined-cylinder pipe (AWWA C301) up to 48". Embedded-cylinder pipe (AWWA C301) >48".

33 42 11 00-0071	LF	12" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	140.86	15.68
		For >1,000, Deduct	-7.04	
		For 100 PSI, Deduct	-29.62	
33 42 11 00-0072	LF	15" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	150.24	17.44
		For >1,000, Deduct	-7.51	
		For 100 PSI, Deduct	-31.33	
33 42 11 00-0073	LF	18" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	163.26	21.76
		For >1,000, Deduct	-8.16	
		For 100 PSI, Deduct	-33.05	
33 42 11 00-0074	LF	21" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	178.24	27.44
		For >1,000, Deduct	-8.91	
		For 100 PSI, Deduct	-34.76	
33 42 11 00-0075	LF	24" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	193.50	33.32
		For >1,000, Deduct	-9.68	
		For 100 PSI, Deduct	-36.48	
33 42 11 00-0076	LF	30" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	227.31	44.24
		For >1,000, Deduct	-11.37	
		For 100 PSI, Deduct	-40.84	
33 42 11 00-0077	LF	36" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	251.91	50.27
		For >1,000, Deduct	-12.60	
		For 100 PSI, Deduct	-45.21	
33 42 11 00-0078	LF	42" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	292.71	55.30
		For >1,000, Deduct	-14.64	
		For 100 PSI, Deduct	-53.62	
33 42 11 00-0079	LF	48" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	336.13	61.58
		For >1,000, Deduct	-16.81	
		For 100 PSI, Deduct	-62.04	
33 42 11 00-0080	LF	54" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	446.62	80.44
		For >1,000, Deduct	-22.33	
		For 100 PSI, Deduct	-82.93	

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33 42 11 00-0081	LF	60" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	538.59	93.31
		<i>For >1,000, Deduct</i>	-26.93	
		<i>For 100 PSI, Deduct</i>	-101.32	
33 42 11 00-0082		150 PSI Prestressed Concrete Cylinder 90 Degree Elbows With Gaskets ⁽³³⁾		
		<small>^{42 11 00-0069)}</small>		
33 42 11 00-0083	EA	12" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	452.99	146.99
33 42 11 00-0084	EA	15" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	625.75	210.00
33 42 11 00-0085	EA	18" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	803.15	280.00
33 42 11 00-0086	EA	21" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	980.57	349.99
33 42 11 00-0087	EA	24" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	1,188.75	434.92
33 42 11 00-0088	EA	30" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	1,524.70	583.32
33 42 11 00-0089	EA	36" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	1,906.13	703.81
33 42 11 00-0090	EA	42" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	2,219.63	821.45
33 42 11 00-0091	EA	48" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	2,497.20	938.08
33 42 11 00-0092	EA	54" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	3,069.85	1,171.34
33 42 11 00-0093	EA	60" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	4,051.51	1,608.84
33 42 11 00-0094		150 PSI Prestressed Concrete Cylinder 45 Degree Elbows With Gaskets ⁽³³⁾		
		<small>^{42 11 00-0069)}</small>		
33 42 11 00-0095	EA	12" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	421.19	146.99
33 42 11 00-0096	EA	15" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	584.59	210.00
33 42 11 00-0097	EA	18" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	754.52	280.00
33 42 11 00-0098	EA	21" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	924.45	349.99
33 42 11 00-0099	EA	24" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	1,125.16	434.92
33 42 11 00-0100	EA	30" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	1,437.41	544.12
33 42 11 00-0101	EA	36" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	1,806.37	703.81
33 42 11 00-0102	EA	42" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	2,104.28	821.45
33 42 11 00-0103	EA	48" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	2,373.13	938.08
33 42 11 00-0104	EA	54" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	2,894.25	1,171.34
33 42 11 00-0105	EA	60" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	3,883.57	1,608.84
33 42 11 00-0106		400 PSI Prestressed Concrete Cylinder Pipe With Regular Joints ^(33 42 11 00-0068)		
33 42 11 00-0107		400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints ^(33 42 11 00-0106)		
		Note: AWWA C301		
33 42 11 00-0108	LF	30" 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints.....	268.31	44.24
		<i>For >1,000, Deduct</i>	-13.42	
33 42 11 00-0109	LF	36" 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints.....	327.62	50.27
		<i>For >1,000, Deduct</i>	-16.38	
33 42 11 00-0110	LF	42" 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints.....	382.60	55.30
		<i>For >1,000, Deduct</i>	-19.13	
33 42 11 00-0111		400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints ^(33 42 11 00-0106)		
		Note: AWWA C301		
33 42 11 00-0112	LF	48" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints.....	516.69	61.54
		<i>For >1,000, Deduct</i>	-25.83	
33 42 11 00-0113	LF	54" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints.....	619.93	80.44
		<i>For >1,000, Deduct</i>	-31.00	
33 42 11 00-0114	LF	60" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints.....	714.61	93.31
		<i>For >1,000, Deduct</i>	-35.73	
33 42 11 00-0115	LF	66" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints.....	804.70	103.43
		<i>For >1,000, Deduct</i>	-40.24	
33 42 11 00-0116	LF	72" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints.....	975.68	112.62
		<i>For >1,000, Deduct</i>	-48.78	
33 42 11 00-0117		Welded Joints For Prestressed Concrete Cylinder Pipe ^(33 42 11 00-0106)		
		Note: All pipe joints to be exposed and dewatered. Internal joint welding also requires joints to be ventilated and air quality checked.		
33 42 11 00-0118	EA	30" Welded Joint For Prestressed Concrete Cylinder Pipe.....	2,385.72	
33 42 11 00-0119	EA	36" Welded Joint For Prestressed Concrete Cylinder Pipe.....	2,562.44	
33 42 11 00-0120	EA	42" Welded Joint For Prestressed Concrete Cylinder Pipe.....	2,650.80	
33 42 11 00-0121	EA	48" Welded Joint For Prestressed Concrete Cylinder Pipe.....	3,004.24	
33 42 11 00-0122	EA	54" Welded Joint For Prestressed Concrete Cylinder Pipe.....	3,092.60	
33 42 11 00-0123	EA	60" Welded Joint For Prestressed Concrete Cylinder Pipe.....	3,269.32	
33 42 11 00-0124	EA	66" Welded Joint For Prestressed Concrete Cylinder Pipe.....	3,357.68	
33 42 11 00-0125	EA	72" Welded Joint For Prestressed Concrete Cylinder Pipe.....	3,446.04	
33 42 11 00-0126	EA	30" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	4,418.00	
33 42 11 00-0127	EA	36" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	4,418.00	
33 42 11 00-0128	EA	42" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	5,036.53	
33 42 11 00-0129	EA	48" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	5,036.53	
33 42 11 00-0130	EA	54" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	5,389.97	
33 42 11 00-0131	EA	60" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	5,389.97	
33 42 11 00-0132	EA	66" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	5,831.77	
33 42 11 00-0133	EA	72" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	5,831.77	
33 42 11 00-0134		Quick Test Joints ^(33 42 11 00-0106)		
33 42 11 00-0135	EA	30" Quick Test Joint.....	591.55	
33 42 11 00-0136	EA	36" Quick Test Joint.....	596.57	

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33 42 11 00-0137	EA		42" Quick Test Joint.....	601.60	
33 42 11 00-0138	EA		48" Quick Test Joint.....	613.67	
33 42 11 00-0139	EA		54" Quick Test Joint.....	642.44	
33 42 11 00-0140	EA		60" Quick Test Joint.....	665.66	
33 42 11 00-0141	EA		66" Quick Test Joint.....	700.59	
33 42 11 00-0142	EA		72" Quick Test Joint.....	735.54	
33 42 11 00-0143			Harnessed Joints (33 42 11 00-0106)		
33 42 11 00-0144			Harness Clamp Restrained Joints (33 42 11 00-0143)		
33 42 11 00-0145	EA		30" Harness Clamp Restrained Joint.....	3,885.00	
33 42 11 00-0146	EA		36" Harness Clamp Restrained Joint.....	4,036.35	
33 42 11 00-0147	EA		42" Harness Clamp Restrained Joint.....	4,187.71	
33 42 11 00-0148	EA		48" Harness Clamp Restrained Joint.....	4,339.07	
33 42 11 00-0149	EA		54" Harness Clamp Restrained Joint.....	4,504.80	
33 42 11 00-0150	EA		60" Harness Clamp Restrained Joint.....	4,735.78	
33 42 11 00-0151	EA		66" Harness Clamp Restrained Joint.....	4,893.60	
33 42 11 00-0152	EA		72" Harness Clamp Restrained Joint.....	5,241.66	
33 42 11 00-0153			Snap Ring Restrained Joints (33 42 11 00-0143)		
33 42 11 00-0154	EA		30" Snap Ring Restrained Joint.....	665.76	
33 42 11 00-0155	EA		36" Snap Ring Restrained Joint.....	758.57	
33 42 11 00-0156	EA		42" Snap Ring Restrained Joint.....	1,012.36	
33 42 11 00-0157	EA		48" Snap Ring Restrained Joint.....	1,149.09	
33 42 11 00-0158	EA		54" Snap Ring Restrained Joint.....	1,300.19	
33 42 11 00-0159	EA		60" Snap Ring Restrained Joint.....	1,472.64	
33 42 11 00-0160	EA		66" Snap Ring Restrained Joint.....	1,630.46	
33 42 11 00-0161	EA		72" Snap Ring Restrained Joint.....	1,817.55	
33 42 11 00-0162			Pipe Repairs (33 42 11 00-0106)		
			Note: For repair of damaged or defective lined or embedded cylinder concrete pipe. Includes 2 concrete adapters, MJD sleeve, 20' pipe.		
33 42 11 00-0163			Lined Cylinder Pipe Repair (33 42 11 00-0162)		
33 42 11 00-0164	EA		30" Lined Cylinder Pipe Repair.....	6,216.26	
33 42 11 00-0165	EA		36" Lined Cylinder Pipe Repair.....	7,705.18	
33 42 11 00-0166	EA		42" Lined Cylinder Pipe Repair.....	10,214.12	
33 42 11 00-0167			Embedded Cylinder Pipe Repair (33 42 11 00-0162)		
			Note: Field welded concrete enclosure assembly with concrete pipe.		
33 42 11 00-0168	EA		48" Embedded Cylinder Pipe Repair.....	15,369.27	
33 42 11 00-0169	EA		54" Embedded Cylinder Pipe Repair.....	17,870.48	
33 42 11 00-0170	EA		60" Embedded Cylinder Pipe Repair.....	20,388.42	
33 42 11 00-0171	EA		66" Embedded Cylinder Pipe Repair.....	23,037.55	
33 42 11 00-0172	EA		72" Embedded Cylinder Pipe Repair.....	27,779.94	
33 42 11 00-0173			High Density Polyethylene (HDPE) Drainage Piping (33 42 11)		
33 42 11 00-0174			Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping (33 42 11 00-0173)		
			Note: Excludes couplings and gaskets.		
33 42 11 00-0175			Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping (33 42 11 00-0174)		
33 42 11 00-0176	LF		4" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	15.16	6.57
			For <100, Add	2.63	
			For >1,000, Deduct	-1.42	
33 42 11 00-0177	LF		6" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	20.39	7.64
			For <100, Add	3.06	
			For >1,000, Deduct	-1.78	
33 42 11 00-0178	LF		8" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	25.42	8.89
			For <100, Add	3.56	
			For >1,000, Deduct	-2.16	
33 42 11 00-0179	LF		10" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	29.43	9.20
			For <100, Add	3.68	
			For >1,000, Deduct	-2.39	
33 42 11 00-0180	LF		12" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	31.02	9.53
			For <100, Add	3.81	
			For >1,000, Deduct	-2.50	
33 42 11 00-0181	LF		15" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	35.77	9.87
			For <100, Add	3.94	
			For >1,000, Deduct	-2.77	
33 42 11 00-0182	LF		18" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	44.38	10.22
			For <100, Add	4.09	
			For >1,000, Deduct	-3.24	
33 42 11 00-0183	LF		24" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	62.07	11.97
			For <100, Add	4.79	
			For >1,000, Deduct	-4.30	
33 42 11 00-0184	LF		30" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	88.56	16.12
			For <100, Add	6.45	
			For >1,000, Deduct	-6.04	

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33 42 11 00-0185	LF	36" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	116.88	20.38
		<i>For <100, Add</i>	8.15	
		<i>For >1,000, Deduct</i>	-7.88	
33 42 11 00-0186		Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping <small>(33 42 11 00-0174)</small>		
33 42 11 00-0187	LF	12" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	30.81	9.53
		<i>For <100, Add</i>	3.81	
		<i>For >1,000, Deduct</i>	-2.49	
33 42 11 00-0188	LF	15" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	36.61	9.87
		<i>For <100, Add</i>	3.94	
		<i>For >1,000, Deduct</i>	-2.82	
33 42 11 00-0189	LF	18" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	45.65	10.22
		<i>For <100, Add</i>	4.09	
		<i>For >1,000, Deduct</i>	-3.31	
33 42 11 00-0190	LF	24" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	64.07	11.97
		<i>For <100, Add</i>	4.79	
		<i>For >1,000, Deduct</i>	-4.40	
33 42 11 00-0191	LF	30" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	94.05	16.12
		<i>For <100, Add</i>	6.45	
		<i>For >1,000, Deduct</i>	-6.32	
33 42 11 00-0192	LF	36" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	120.96	20.38
		<i>For <100, Add</i>	8.15	
		<i>For >1,000, Deduct</i>	-8.09	
33 42 11 00-0193	LF	42" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	160.24	22.23
		<i>For <100, Add</i>	8.89	
		<i>For >1,000, Deduct</i>	-10.23	
33 42 11 00-0194	LF	48" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	174.25	25.08
		<i>For <100, Add</i>	10.03	
		<i>For >1,000, Deduct</i>	-11.22	
33 42 11 00-0195		Perforated, Corrugated High Density Polyethylene (HDPE) Piping <small>(33 42 11 00-0173)</small>		
		Note: Excludes couplings and gaskets.		
33 42 11 00-0196		Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping <small>(33 42 11 00-0195)</small>		
33 42 11 00-0197	LF	4" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	16.21	6.57
		<i>For <100, Add</i>	2.63	
		<i>For >1,000, Deduct</i>	-1.47	
33 42 11 00-0198	LF	6" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	20.43	7.64
		<i>For <100, Add</i>	3.06	
		<i>For >1,000, Deduct</i>	-1.79	
33 42 11 00-0199	LF	8" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	25.42	8.89
		<i>For <100, Add</i>	3.56	
		<i>For >1,000, Deduct</i>	-2.16	
33 42 11 00-0200	LF	10" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	29.46	9.20
		<i>For <100, Add</i>	3.68	
		<i>For >1,000, Deduct</i>	-2.39	
33 42 11 00-0201	LF	12" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	31.02	9.53
		<i>For <100, Add</i>	3.81	
		<i>For >1,000, Deduct</i>	-2.50	
33 42 11 00-0202	LF	15" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	35.80	9.87
		<i>For <100, Add</i>	3.94	
		<i>For >1,000, Deduct</i>	-2.78	
33 42 11 00-0203	LF	18" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	44.42	10.22
		<i>For <100, Add</i>	4.09	
		<i>For >1,000, Deduct</i>	-3.24	
33 42 11 00-0204	LF	24" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	62.07	11.97
		<i>For <100, Add</i>	4.79	
		<i>For >1,000, Deduct</i>	-4.30	
33 42 11 00-0205	LF	30" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	88.91	16.12
		<i>For <100, Add</i>	6.45	
		<i>For >1,000, Deduct</i>	-6.06	
33 42 11 00-0206	LF	36" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	116.88	20.38
		<i>For <100, Add</i>	8.15	
		<i>For >1,000, Deduct</i>	-7.88	
33 42 11 00-0207		Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping <small>(33 42 11 00-0195)</small>		
33 42 11 00-0208	LF	12" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	30.84	9.53
		<i>For <100, Add</i>	3.81	
		<i>For >1,000, Deduct</i>	-2.49	
33 42 11 00-0209	LF	15" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	36.65	9.87
		<i>For <100, Add</i>	3.94	
		<i>For >1,000, Deduct</i>	-2.82	
33 42 11 00-0210	LF	18" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	45.68	10.22
		<i>For <100, Add</i>	4.09	
		<i>For >1,000, Deduct</i>	-3.31	
33 42 11 00-0211	LF	24" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	64.07	11.97
		<i>For <100, Add</i>	4.79	
		<i>For >1,000, Deduct</i>	-4.40	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 42 11 00-0212	LF		30" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	94.05	16.12
			For <100, Add	6.45	
			For >1,000, Deduct	-6.32	
33 42 11 00-0213	LF		36" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	120.96	20.38
			For <100, Add	8.15	
			For >1,000, Deduct	-8.09	
33 42 11 00-0214	LF		42" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	160.24	22.23
			For <100, Add	8.89	
			For >1,000, Deduct	-10.23	
33 42 11 00-0215	LF		48" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	174.25	25.08
			For <100, Add	10.03	
			For >1,000, Deduct	-11.22	

33 42 11 00-0216 Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe Fittings (33 42 11 00-0173)
Note: Excludes couplings and gaskets.

33 42 11 00-0217 Tees, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) (33 42 11 00-0216)

33 42 11 00-0218	EA		4" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	69.92	22.78
33 42 11 00-0219	EA		6" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	88.83	26.58
33 42 11 00-0220	EA		8" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	148.51	32.27
33 42 11 00-0221	EA		10" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	230.99	39.87
33 42 11 00-0222	EA		12" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	371.85	47.47
33 42 11 00-0223	EA		15" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	527.20	62.02
33 42 11 00-0224	EA		18" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	760.88	83.53
33 42 11 00-0225	EA		24" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	980.96	95.35
33 42 11 00-0226	EA		30" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	1,740.65	110.12
33 42 11 00-0227	EA		36" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	2,242.34	127.20
33 42 11 00-0228	EA		42" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	3,761.55	151.88
33 42 11 00-0229	EA		48" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	4,726.29	180.37

33 42 11 00-0230 Wyes, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) (33 42 11 00-0216)

33 42 11 00-0231	EA		4" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	107.53	22.78
33 42 11 00-0232	EA		6" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	130.10	26.58
33 42 11 00-0233	EA		8" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	174.56	32.27
33 42 11 00-0234	EA		10" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	259.71	39.87
33 42 11 00-0235	EA		12" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	464.26	47.47
33 42 11 00-0236	EA		15" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	498.85	62.02
33 42 11 00-0237	EA		18" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	705.73	83.53

33 42 11 00-0238 22-1/2 Degree Bends, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) (33 42 11 00-0216)

33 42 11 00-0239	EA		4" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	41.89	15.19
33 42 11 00-0240	EA		6" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	52.18	17.72
33 42 11 00-0241	EA		8" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	78.15	21.52
33 42 11 00-0242	EA		10" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	98.58	26.58
33 42 11 00-0243	EA		12" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	146.26	31.65
33 42 11 00-0244	EA		15" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	235.50	40.50
33 42 11 00-0245	EA		18" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	311.18	55.69
33 42 11 00-0246	EA		24" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	610.36	63.28
33 42 11 00-0247	EA		30" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	854.86	73.41
33 42 11 00-0248	EA		36" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	1,002.35	84.80
33 42 11 00-0249	EA		42" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	1,284.30	101.25
33 42 11 00-0250	EA		48" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	1,743.98	120.23

33 42 11 00-0251 45 Degree Bends, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) (33 42 11 00-0216)

33 42 11 00-0252	EA		4" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	46.01	15.19
33 42 11 00-0253	EA		6" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	60.75	17.72
33 42 11 00-0254	EA		8" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	82.53	21.52
33 42 11 00-0255	EA		10" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	134.19	26.58
33 42 11 00-0256	EA		12" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	146.26	31.65
33 42 11 00-0257	EA		15" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	234.79	40.50
33 42 11 00-0258	EA		18" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	368.59	55.69
33 42 11 00-0259	EA		24" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	654.72	63.28
33 42 11 00-0260	EA		30" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	856.97	73.41
33 42 11 00-0261	EA		36" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	1,097.96	84.80
33 42 11 00-0262	EA		42" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	1,653.30	101.25
33 42 11 00-0263	EA		48" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	2,074.71	120.23

33 42 11 00-0264 Couplings And End Caps, Corrugated High Density Polyethylene (HDPE) Pipe Fittings (33 42 11 00-0173)

Note: For single and double wall high density polyethylene (HDPE) piping.

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0265			Couplings, Corrugated High Density Polyethylene (HDPE) Pipe <small>(33 42 11 00-0264)</small>		
33 42 11 00-0266	EA		4" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	2.45	
33 42 11 00-0267	EA		6" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	4.40	
33 42 11 00-0268	EA		8" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	6.78	
33 42 11 00-0269	EA		10" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	8.33	
33 42 11 00-0270	EA		12" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	8.97	
33 42 11 00-0271	EA		15" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	12.76	
33 42 11 00-0272	EA		18" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	18.88	
33 42 11 00-0273	EA		24" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	30.07	
33 42 11 00-0274	EA		30" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	46.15	
33 42 11 00-0275	EA		36" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	60.40	
33 42 11 00-0276	EA		42" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	94.95	
33 42 11 00-0277	EA		48" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	128.42	
33 42 11 00-0278			Self Adhering Gaskets, Corrugated High Density Polyethylene (HDPE) Pipe <small>(33 42 11 00-0264)</small>		
33 42 11 00-0279	EA		4" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	130.02	
33 42 11 00-0280	EA		6" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	136.14	
33 42 11 00-0281	EA		8" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	142.55	
33 42 11 00-0282	EA		10" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	149.25	
33 42 11 00-0283	EA		12" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	177.02	
33 42 11 00-0284	EA		15" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	182.77	
33 42 11 00-0285	EA		18" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	190.63	
33 42 11 00-0286	EA		24" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	217.14	
33 42 11 00-0287	EA		30" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	348.08	
33 42 11 00-0288	EA		36" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	381.26	
33 42 11 00-0289	EA		42" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	415.42	
33 42 11 00-0290	EA		48" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	504.53	
33 42 11 00-0291			End Caps, Corrugated High Density Polyethylene (HDPE) Pipe <small>(33 42 11 00-0264)</small>		
33 42 11 00-0292	EA		6" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	32.29	
33 42 11 00-0293	EA		8" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	37.91	
33 42 11 00-0294	EA		10" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	61.40	
33 42 11 00-0295	EA		12" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	104.43	
33 42 11 00-0296	EA		15" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	121.51	
33 42 11 00-0297	EA		18" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	164.24	
33 42 11 00-0298	EA		24" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	170.21	
33 42 11 00-0299			Corrugated Metal Piping <small>(33 42 11)</small>		
33 42 11 00-0300			Galvanized Corrugated Steel Piping <small>(33 42 11 00-0299)</small>		
33 42 11 00-0301			2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0300)</small>		
33 42 11 00-0302			16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0301)</small>		
33 42 11 00-0303	LF		12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	34.24	9.80
			<i>For Bituminous Coated Pipe, Add</i>	3.36	
			<i>For Bituminous Coated And 25% Paved, Add</i>	6.87	
			<i>For Smooth-Flo, Add</i>	12.27	
33 42 11 00-0304	LF		15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	38.55	10.27
			<i>For Bituminous Coated Pipe, Add</i>	4.23	
			<i>For Bituminous Coated And 25% Paved, Add</i>	8.65	
			<i>For Smooth-Flo, Add</i>	15.44	
33 42 11 00-0305	LF		18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	43.02	11.20
			<i>For Bituminous Coated Pipe, Add</i>	5.12	
			<i>For Bituminous Coated And 25% Paved, Add</i>	10.48	
			<i>For Smooth-Flo, Add</i>	18.71	
33 42 11 00-0306	LF		21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	48.90	12.13
			<i>For Bituminous Coated Pipe, Add</i>	6.13	
			<i>For Bituminous Coated And 25% Paved, Add</i>	12.53	
			<i>For Smooth-Flo, Add</i>	22.38	
33 42 11 00-0307	LF		24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	54.10	13.07
			<i>For Bituminous Coated Pipe, Add</i>	6.90	
			<i>For Bituminous Coated And 25% Paved, Add</i>	14.11	
			<i>For Smooth-Flo, Add</i>	25.19	
33 42 11 00-0308	LF		30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	71.43	16.80
			<i>For Bituminous Coated Pipe, Add</i>	8.95	
			<i>For Bituminous Coated And 25% Paved, Add</i>	18.30	
			<i>For Smooth-Flo, Add</i>	32.68	
33 42 11 00-0309	LF		36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	93.55	22.12
			<i>For Bituminous Coated Pipe, Add</i>	11.28	
			<i>For Bituminous Coated And 25% Paved, Add</i>	23.08	
			<i>For Smooth-Flo, Add</i>	41.22	
33 42 11 00-0310	LF		42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	106.37	26.14
			<i>For Bituminous Coated Pipe, Add</i>	13.35	
			<i>For Bituminous Coated And 25% Paved, Add</i>	27.31	
			<i>For Smooth-Flo, Add</i>	48.78	
33 42 11 00-0311	LF		48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	119.55	30.17
			<i>For Bituminous Coated Pipe, Add</i>	14.96	
			<i>For Bituminous Coated And 25% Paved, Add</i>	30.60	
			<i>For Smooth-Flo, Add</i>	54.64	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 42 11 00-0312			14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping ⁽³⁾ <small>42 11 00-0301)</small>		
33 42 11 00-0313	LF		12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	37.24	9.80
			<i>For Bituminous Coated Pipe, Add</i>	3.41	
			<i>For Bituminous Coated And 25% Paved, Add</i>	7.90	
			<i>For Smooth-Flo, Add</i>	15.97	
33 42 11 00-0314	LF		15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	42.25	10.27
			<i>For Bituminous Coated Pipe, Add</i>	4.28	
			<i>For Bituminous Coated And 25% Paved, Add</i>	9.91	
			<i>For Smooth-Flo, Add</i>	20.03	
33 42 11 00-0315	LF		18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	47.49	11.20
			<i>For Bituminous Coated Pipe, Add</i>	5.18	
			<i>For Bituminous Coated And 25% Paved, Add</i>	12.00	
			<i>For Smooth-Flo, Add</i>	24.26	
33 42 11 00-0316	LF		21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	54.06	12.13
			<i>For Bituminous Coated Pipe, Add</i>	6.16	
			<i>For Bituminous Coated And 25% Paved, Add</i>	14.26	
			<i>For Smooth-Flo, Add</i>	28.83	
33 42 11 00-0317	LF		24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	60.10	13.07
			<i>For Bituminous Coated Pipe, Add</i>	6.97	
			<i>For Bituminous Coated And 25% Paved, Add</i>	16.15	
			<i>For Smooth-Flo, Add</i>	32.64	
33 42 11 00-0318	LF		30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	78.76	16.80
			<i>For Bituminous Coated Pipe, Add</i>	8.95	
			<i>For Bituminous Coated And 25% Paved, Add</i>	20.73	
			<i>For Smooth-Flo, Add</i>	41.91	
33 42 11 00-0319	LF		36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	102.45	22.12
			<i>For Bituminous Coated Pipe, Add</i>	11.22	
			<i>For Bituminous Coated And 25% Paved, Add</i>	25.99	
			<i>For Smooth-Flo, Add</i>	52.53	
33 42 11 00-0320	LF		42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	116.55	26.14
			<i>For Bituminous Coated Pipe, Add</i>	13.20	
			<i>For Bituminous Coated And 25% Paved, Add</i>	30.59	
			<i>For Smooth-Flo, Add</i>	61.83	
33 42 11 00-0321	LF		48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	131.20	30.17
			<i>For Bituminous Coated Pipe, Add</i>	14.84	
			<i>For Bituminous Coated And 25% Paved, Add</i>	34.38	
			<i>For Smooth-Flo, Add</i>	69.49	
33 42 11 00-0322	LF		54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	156.58	34.19
			<i>For Bituminous Coated Pipe, Add</i>	18.25	
			<i>For Bituminous Coated And 25% Paved, Add</i>	42.28	
			<i>For Smooth-Flo, Add</i>	85.46	
33 42 11 00-0323			12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping ⁽³⁾ <small>42 11 00-0301)</small>		
33 42 11 00-0324	LF		18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	56.73	11.20
			<i>For Bituminous Coated Pipe, Add</i>	5.93	
			<i>For Bituminous Coated And 25% Paved, Add</i>	10.71	
			<i>For Smooth-Flo, Add</i>	20.58	
33 42 11 00-0325	LF		21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	64.81	12.13
			<i>For Bituminous Coated Pipe, Add</i>	7.01	
			<i>For Bituminous Coated And 25% Paved, Add</i>	12.66	
			<i>For Smooth-Flo, Add</i>	24.33	
33 42 11 00-0326	LF		24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	72.34	12.13
			<i>For Bituminous Coated Pipe, Add</i>	7.95	
			<i>For Bituminous Coated And 25% Paved, Add</i>	14.35	
			<i>For Smooth-Flo, Add</i>	27.58	
33 42 11 00-0327	LF		30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	93.89	16.80
			<i>For Bituminous Coated Pipe, Add</i>	10.10	
			<i>For Bituminous Coated And 25% Paved, Add</i>	18.25	
			<i>For Smooth-Flo, Add</i>	35.06	
33 42 11 00-0328	LF		36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	120.41	22.12
			<i>For Bituminous Coated Pipe, Add</i>	12.49	
			<i>For Bituminous Coated And 25% Paved, Add</i>	22.56	
			<i>For Smooth-Flo, Add</i>	43.36	
33 42 11 00-0329	LF		42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	137.31	26.14
			<i>For Bituminous Coated Pipe, Add</i>	14.64	
			<i>For Bituminous Coated And 25% Paved, Add</i>	26.44	
			<i>For Smooth-Flo, Add</i>	50.81	
33 42 11 00-0330	LF		48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	154.98	30.17
			<i>For Bituminous Coated Pipe, Add</i>	16.53	
			<i>For Bituminous Coated And 25% Paved, Add</i>	29.85	
			<i>For Smooth-Flo, Add</i>	57.37	
33 42 11 00-0331	LF		54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	182.84	34.19
			<i>For Bituminous Coated Pipe, Add</i>	19.82	
			<i>For Bituminous Coated And 25% Paved, Add</i>	35.80	
			<i>For Smooth-Flo, Add</i>	68.79	
33 42 11 00-0332	LF		60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	199.88	36.19
			<i>For Bituminous Coated Pipe, Add</i>	21.71	
			<i>For Bituminous Coated And 25% Paved, Add</i>	39.20	
			<i>For Smooth-Flo, Add</i>	75.34	
33 42 11 00-0333	LF		66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	242.08	44.24
			<i>For Bituminous Coated Pipe, Add</i>	26.43	
			<i>For Bituminous Coated And 25% Paved, Add</i>	47.73	
			<i>For Smooth-Flo, Add</i>	91.72	
33 42 11 00-0334			10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping ⁽³⁾ <small>42 11 00-0301)</small>		

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0335	LF		36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	137.22	22.12
			<i>For Bituminous Coated Pipe, Add</i>	15.89	
			<i>For Bituminous Coated And 25% Paved, Add</i>	26.55	
			<i>For Smooth-Flo, Add</i>	37.88	
33 42 11 00-0336	LF		42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	156.98	26.14
			<i>For Bituminous Coated Pipe, Add</i>	18.62	
			<i>For Bituminous Coated And 25% Paved, Add</i>	31.10	
			<i>For Smooth-Flo, Add</i>	44.38	
33 42 11 00-0337	LF		48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	177.31	30.17
			<i>For Bituminous Coated Pipe, Add</i>	21.04	
			<i>For Bituminous Coated And 25% Paved, Add</i>	35.15	
			<i>For Smooth-Flo, Add</i>	50.16	
33 42 11 00-0338	LF		54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	207.85	34.19
			<i>For Bituminous Coated Pipe, Add</i>	24.92	
			<i>For Bituminous Coated And 25% Paved, Add</i>	41.63	
			<i>For Smooth-Flo, Add</i>	59.41	
33 42 11 00-0339	LF		60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	227.72	36.19
			<i>For Bituminous Coated Pipe, Add</i>	27.37	
			<i>For Bituminous Coated And 25% Paved, Add</i>	45.73	
			<i>For Smooth-Flo, Add</i>	65.24	
33 42 11 00-0340	LF		66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	272.66	44.24
			<i>For Bituminous Coated Pipe, Add</i>	32.74	
			<i>For Bituminous Coated And 25% Paved, Add</i>	54.70	
			<i>For Smooth-Flo, Add</i>	78.04	
33 42 11 00-0341	LF		72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	327.72	64.35
			<i>For Bituminous Coated Pipe, Add</i>	35.16	
			<i>For Bituminous Coated And 25% Paved, Add</i>	58.73	
			<i>For Smooth-Flo, Add</i>	83.80	
33 42 11 00-0342			3" x 1" Corrugation, Galvanized Corrugated Steel Piping (33 42 11 00-0300)		
33 42 11 00-0343			16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping (33 42 11 00-0342)		
33 42 11 00-0344	LF		36" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	108.97	22.12
			<i>For Bituminous Coated Pipe, Add</i>	12.41	
			<i>For Bituminous Coated And 25% Paved, Add</i>	28.17	
			<i>For Smooth-Flo, Add</i>	56.09	
33 42 11 00-0345	LF		42" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	124.05	26.14
			<i>For Bituminous Coated Pipe, Add</i>	14.57	
			<i>For Bituminous Coated And 25% Paved, Add</i>	33.08	
			<i>For Smooth-Flo, Add</i>	65.87	
33 42 11 00-0346	LF		48" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	139.46	30.17
			<i>For Bituminous Coated Pipe, Add</i>	16.34	
			<i>For Bituminous Coated And 25% Paved, Add</i>	37.10	
			<i>For Smooth-Flo, Add</i>	73.87	
33 42 11 00-0347	LF		54" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	166.06	34.19
			<i>For Bituminous Coated Pipe, Add</i>	19.96	
			<i>For Bituminous Coated And 25% Paved, Add</i>	45.32	
			<i>For Smooth-Flo, Add</i>	90.24	
33 42 11 00-0348	LF		60" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	180.94	36.19
			<i>For Bituminous Coated Pipe, Add</i>	21.75	
			<i>For Bituminous Coated And 25% Paved, Add</i>	49.37	
			<i>For Smooth-Flo, Add</i>	98.31	
33 42 11 00-0349	LF		66" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	226.31	44.24
			<i>For Bituminous Coated Pipe, Add</i>	27.94	
			<i>For Bituminous Coated And 25% Paved, Add</i>	63.42	
			<i>For Smooth-Flo, Add</i>	126.28	
33 42 11 00-0350	LF		72" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	276.87	64.35
			<i>For Bituminous Coated Pipe, Add</i>	29.78	
			<i>For Bituminous Coated And 25% Paved, Add</i>	67.60	
			<i>For Smooth-Flo, Add</i>	134.61	
33 42 11 00-0351	LF		78" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	298.90	70.38
			<i>For Bituminous Coated Pipe, Add</i>	31.63	
			<i>For Bituminous Coated And 25% Paved, Add</i>	71.80	
			<i>For Smooth-Flo, Add</i>	142.96	
33 42 11 00-0352	LF		84" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	318.20	75.41
			<i>For Bituminous Coated Pipe, Add</i>	33.48	
			<i>For Bituminous Coated And 25% Paved, Add</i>	75.99	
			<i>For Smooth-Flo, Add</i>	151.31	
33 42 11 00-0353	LF		90" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	337.53	80.44
			<i>For Bituminous Coated Pipe, Add</i>	35.33	
			<i>For Bituminous Coated And 25% Paved, Add</i>	80.20	
			<i>For Smooth-Flo, Add</i>	159.70	
33 42 11 00-0354	LF		96" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	357.53	85.46
			<i>For Bituminous Coated Pipe, Add</i>	37.17	
			<i>For Bituminous Coated And 25% Paved, Add</i>	84.38	
			<i>For Smooth-Flo, Add</i>	168.03	
33 42 11 00-0355	LF		102" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	380.40	90.49
			<i>For Bituminous Coated Pipe, Add</i>	39.04	
			<i>For Bituminous Coated And 25% Paved, Add</i>	88.61	
			<i>For Smooth-Flo, Add</i>	176.44	
33 42 11 00-0356			14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping (33 42 11 00-0342)		
33 42 11 00-0357	LF		54" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	181.79	34.19
			<i>For Bituminous Coated Pipe, Add</i>	23.11	
			<i>For Bituminous Coated And 25% Paved, Add</i>	45.30	
			<i>For Smooth-Flo, Add</i>	91.52	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0358	LF			60" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	198.35	36.19
				<i>For Bituminous Coated Pipe, Add</i>	25.23	
				<i>For Bituminous Coated And 25% Paved, Add</i>	49.45	
				<i>For Smooth-Flo, Add</i>	99.92	
33 42 11 00-0359	LF			66" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	245.46	44.24
				<i>For Bituminous Coated Pipe, Add</i>	31.77	
				<i>For Bituminous Coated And 25% Paved, Add</i>	62.27	
				<i>For Smooth-Flo, Add</i>	125.80	
33 42 11 00-0360	LF			72" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	297.73	64.35
				<i>For Bituminous Coated Pipe, Add</i>	33.95	
				<i>For Bituminous Coated And 25% Paved, Add</i>	66.55	
				<i>For Smooth-Flo, Add</i>	134.45	
33 42 11 00-0361	LF			78" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	321.43	70.38
				<i>For Bituminous Coated Pipe, Add</i>	36.13	
				<i>For Bituminous Coated And 25% Paved, Add</i>	70.82	
				<i>For Smooth-Flo, Add</i>	143.09	
33 42 11 00-0362	LF			84" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	342.52	75.41
				<i>For Bituminous Coated Pipe, Add</i>	38.34	
				<i>For Bituminous Coated And 25% Paved, Add</i>	75.15	
				<i>For Smooth-Flo, Add</i>	151.83	
33 42 11 00-0363	LF			90" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	363.48	80.44
				<i>For Bituminous Coated Pipe, Add</i>	40.52	
				<i>For Bituminous Coated And 25% Paved, Add</i>	79.42	
				<i>For Smooth-Flo, Add</i>	160.47	
33 42 11 00-0364	LF			96" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	385.19	85.46
				<i>For Bituminous Coated Pipe, Add</i>	42.71	
				<i>For Bituminous Coated And 25% Paved, Add</i>	83.70	
				<i>For Smooth-Flo, Add</i>	169.12	
33 42 11 00-0365	LF			102" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	409.74	90.49
				<i>For Bituminous Coated Pipe, Add</i>	44.90	
				<i>For Bituminous Coated And 25% Paved, Add</i>	88.01	
				<i>For Smooth-Flo, Add</i>	177.82	
33 42 11 00-0366	LF			108" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	436.59	100.55
				<i>For Bituminous Coated Pipe, Add</i>	47.10	
				<i>For Bituminous Coated And 25% Paved, Add</i>	92.32	
				<i>For Smooth-Flo, Add</i>	186.52	
33 42 11 00-0367	LF			114" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	462.83	110.59
				<i>For Bituminous Coated Pipe, Add</i>	49.26	
				<i>For Bituminous Coated And 25% Paved, Add</i>	96.54	
				<i>For Smooth-Flo, Add</i>	195.05	
33 42 11 00-0368				12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0362)</small>		
33 42 11 00-0369	LF			60" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	236.96	36.19
				<i>For Bituminous Coated Pipe, Add</i>	32.95	
				<i>For Bituminous Coated And 25% Paved, Add</i>	62.78	
				<i>For Smooth-Flo, Add</i>	102.32	
33 42 11 00-0370	LF			66" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	288.22	44.24
				<i>For Bituminous Coated Pipe, Add</i>	40.32	
				<i>For Bituminous Coated And 25% Paved, Add</i>	76.81	
				<i>For Smooth-Flo, Add</i>	125.19	
33 42 11 00-0371	LF			72" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	344.22	64.35
				<i>For Bituminous Coated Pipe, Add</i>	43.25	
				<i>For Bituminous Coated And 25% Paved, Add</i>	82.39	
				<i>For Smooth-Flo, Add</i>	134.29	
33 42 11 00-0372	LF			78" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	371.69	70.38
				<i>For Bituminous Coated Pipe, Add</i>	46.19	
				<i>For Bituminous Coated And 25% Paved, Add</i>	87.98	
				<i>For Smooth-Flo, Add</i>	143.41	
33 42 11 00-0373	LF			84" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	396.51	75.41
				<i>For Bituminous Coated Pipe, Add</i>	49.14	
				<i>For Bituminous Coated And 25% Paved, Add</i>	93.61	
				<i>For Smooth-Flo, Add</i>	152.57	
33 42 11 00-0374	LF			90" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	421.24	80.44
				<i>For Bituminous Coated Pipe, Add</i>	52.07	
				<i>For Bituminous Coated And 25% Paved, Add</i>	99.20	
				<i>For Smooth-Flo, Add</i>	161.69	
33 42 11 00-0375	LF			96" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	446.75	85.46
				<i>For Bituminous Coated Pipe, Add</i>	55.02	
				<i>For Bituminous Coated And 25% Paved, Add</i>	104.81	
				<i>For Smooth-Flo, Add</i>	170.83	
33 42 11 00-0376	LF			102" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	475.06	90.49
				<i>For Bituminous Coated Pipe, Add</i>	57.97	
				<i>For Bituminous Coated And 25% Paved, Add</i>	110.43	
				<i>For Smooth-Flo, Add</i>	179.99	
33 42 11 00-0377	LF			108" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	505.62	100.55
				<i>For Bituminous Coated Pipe, Add</i>	60.91	
				<i>For Bituminous Coated And 25% Paved, Add</i>	116.03	
				<i>For Smooth-Flo, Add</i>	189.11	
33 42 11 00-0378	LF			114" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	535.66	110.59
				<i>For Bituminous Coated Pipe, Add</i>	63.82	
				<i>For Bituminous Coated And 25% Paved, Add</i>	121.58	
				<i>For Smooth-Flo, Add</i>	198.17	
33 42 11 00-0379	LF			120" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	564.62	120.65
				<i>For Bituminous Coated Pipe, Add</i>	66.77	
				<i>For Bituminous Coated And 25% Paved, Add</i>	127.20	
				<i>For Smooth-Flo, Add</i>	207.33	

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0380			10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0342)</small>		
33 42 11 00-0381	LF		72" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	387.57	64.35
			<i>For Bituminous Coated Pipe, Add</i>	51.92	
			<i>For Bituminous Coated And 25% Paved, Add</i>	98.65	
			<i>For Smooth-Flo, Add</i>	131.88	
33 42 11 00-0382	LF		78" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	418.61	70.38
			<i>For Bituminous Coated Pipe, Add</i>	55.57	
			<i>For Bituminous Coated And 25% Paved, Add</i>	105.58	
			<i>For Smooth-Flo, Add</i>	141.15	
33 42 11 00-0383	LF		84" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	446.98	75.41
			<i>For Bituminous Coated Pipe, Add</i>	59.23	
			<i>For Bituminous Coated And 25% Paved, Add</i>	112.54	
			<i>For Smooth-Flo, Add</i>	150.45	
33 42 11 00-0384	LF		90" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	475.27	80.44
			<i>For Bituminous Coated Pipe, Add</i>	62.88	
			<i>For Bituminous Coated And 25% Paved, Add</i>	119.47	
			<i>For Smooth-Flo, Add</i>	159.72	
33 42 11 00-0385	LF		96" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	504.34	85.46
			<i>For Bituminous Coated Pipe, Add</i>	66.54	
			<i>For Bituminous Coated And 25% Paved, Add</i>	126.42	
			<i>For Smooth-Flo, Add</i>	169.00	
33 42 11 00-0386	LF		102" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	536.21	90.49
			<i>For Bituminous Coated Pipe, Add</i>	70.20	
			<i>For Bituminous Coated And 25% Paved, Add</i>	133.38	
			<i>For Smooth-Flo, Add</i>	178.30	
33 42 11 00-0387	LF		108" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	570.32	100.55
			<i>For Bituminous Coated Pipe, Add</i>	73.85	
			<i>For Bituminous Coated And 25% Paved, Add</i>	140.31	
			<i>For Smooth-Flo, Add</i>	187.57	
33 42 11 00-0388	LF		114" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	603.88	110.59
			<i>For Bituminous Coated Pipe, Add</i>	77.47	
			<i>For Bituminous Coated And 25% Paved, Add</i>	147.19	
			<i>For Smooth-Flo, Add</i>	196.76	
33 42 11 00-0389	LF		120" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	636.44	120.65
			<i>For Bituminous Coated Pipe, Add</i>	81.14	
			<i>For Bituminous Coated And 25% Paved, Add</i>	154.16	
			<i>For Smooth-Flo, Add</i>	206.09	
33 42 11 00-0390	LF		126" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	670.81	130.71
			<i>For Bituminous Coated Pipe, Add</i>	84.77	
			<i>For Bituminous Coated And 25% Paved, Add</i>	161.06	
			<i>For Smooth-Flo, Add</i>	215.32	
33 42 11 00-0391	LF		132" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	707.75	140.76
			<i>For Bituminous Coated Pipe, Add</i>	88.43	
			<i>For Bituminous Coated And 25% Paved, Add</i>	168.02	
			<i>For Smooth-Flo, Add</i>	224.62	
33 42 11 00-0392	LF		138" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	747.78	150.82
			<i>For Bituminous Coated Pipe, Add</i>	92.10	
			<i>For Bituminous Coated And 25% Paved, Add</i>	174.99	
			<i>For Smooth-Flo, Add</i>	233.94	
33 42 11 00-0393			125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0390)</small>		
33 42 11 00-0394			16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0393)</small>		
33 42 11 00-0395	LF		48" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	139.91	30.17
			<i>For Bituminous Coated Pipe, Add</i>	20.54	
			<i>For Bituminous Coated And 25% Paved, Add</i>	46.84	
			<i>For Smooth-Flo, Add</i>	74.36	
33 42 11 00-0396	LF		54" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	166.94	34.19
			<i>For Bituminous Coated Pipe, Add</i>	25.18	
			<i>For Bituminous Coated And 25% Paved, Add</i>	57.40	
			<i>For Smooth-Flo, Add</i>	91.13	
33 42 11 00-0397	LF		60" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	181.71	36.19
			<i>For Bituminous Coated Pipe, Add</i>	27.38	
			<i>For Bituminous Coated And 25% Paved, Add</i>	62.43	
			<i>For Smooth-Flo, Add</i>	99.12	
33 42 11 00-0398	LF		66" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	224.50	44.24
			<i>For Bituminous Coated Pipe, Add</i>	34.47	
			<i>For Bituminous Coated And 25% Paved, Add</i>	78.59	
			<i>For Smooth-Flo, Add</i>	124.78	
33 42 11 00-0399	LF		72" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	274.85	64.35
			<i>For Bituminous Coated Pipe, Add</i>	36.72	
			<i>For Bituminous Coated And 25% Paved, Add</i>	83.72	
			<i>For Smooth-Flo, Add</i>	132.93	
33 42 11 00-0400	LF		78" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	296.60	70.38
			<i>For Bituminous Coated Pipe, Add</i>	38.96	
			<i>For Bituminous Coated And 25% Paved, Add</i>	88.83	
			<i>For Smooth-Flo, Add</i>	141.04	
33 42 11 00-0401	LF		84" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	315.59	75.41
			<i>For Bituminous Coated Pipe, Add</i>	41.19	
			<i>For Bituminous Coated And 25% Paved, Add</i>	93.92	
			<i>For Smooth-Flo, Add</i>	149.12	
33 42 11 00-0402	LF		90" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	334.53	80.44
			<i>For Bituminous Coated Pipe, Add</i>	43.42	
			<i>For Bituminous Coated And 25% Paved, Add</i>	98.99	
			<i>For Smooth-Flo, Add</i>	157.16	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0403		LF	96" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	354.36 45.68 104.14 165.34	85.46
33 42 11 00-0404		LF	102" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	377.16 47.99 109.41 173.71	90.49
33 42 11 00-0405			14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0393)</small>		
33 42 11 00-0406		LF	54" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	186.61 24.07 56.57 102.43	34.19
33 42 11 00-0407		LF	60" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	203.58 26.28 61.75 111.81	36.19
33 42 11 00-0408		LF	66" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	248.35 32.35 76.01 137.63	44.24
33 42 11 00-0409		LF	72" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	300.62 34.53 81.15 146.93	64.35
33 42 11 00-0410		LF	78" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	324.71 36.79 86.46 156.54	70.38
33 42 11 00-0411		LF	84" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	345.90 39.02 91.69 166.01	75.41
33 42 11 00-0412		LF	90" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	365.92 41.01 96.37 174.50	80.44
33 42 11 00-0413		LF	96" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	388.92 43.45 102.11 184.89	85.46
33 42 11 00-0414		LF	102" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	413.57 45.67 107.32 194.33	90.49
33 42 11 00-0415		LF	108" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	440.43 47.87 112.49 203.68	100.55
33 42 11 00-0416		LF	114" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	467.16 50.12 117.79 213.27	110.59
33 42 11 00-0417			12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0393)</small>		
33 42 11 00-0418		LF	60" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	244.53 34.47 65.49 118.23	36.19
33 42 11 00-0419		LF	66" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	293.45 41.37 78.60 141.89	44.24
33 42 11 00-0420		LF	72" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	350.01 44.41 84.38 152.32	64.35
33 42 11 00-0421		LF	78" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	377.90 47.43 90.11 162.68	70.38
33 42 11 00-0422		LF	84" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	402.93 50.42 95.80 172.95	75.41
33 42 11 00-0423		LF	90" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	428.15 53.46 101.57 183.35	80.44
33 42 11 00-0424		LF	96" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	454.01 56.47 107.29 193.69	85.46

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 42 11 00-0425	LF	102" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	482.60	90.49
		<i>For Bituminous Coated Pipe, Add</i>	59.48	
		<i>For Bituminous Coated And 25% Paved, Add</i>	113.00	
		<i>For Smooth-Flo, Add</i>	204.00	
33 42 11 00-0426	LF	108" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	513.64	100.55
		<i>For Bituminous Coated Pipe, Add</i>	62.51	
		<i>For Bituminous Coated And 25% Paved, Add</i>	118.77	
		<i>For Smooth-Flo, Add</i>	214.41	
33 42 11 00-0427	LF	114" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	544.17	110.59
		<i>For Bituminous Coated Pipe, Add</i>	65.52	
		<i>For Bituminous Coated And 25% Paved, Add</i>	124.50	
		<i>For Smooth-Flo, Add</i>	224.75	
33 42 11 00-0428	LF	120" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	573.45	120.65
		<i>For Bituminous Coated Pipe, Add</i>	68.54	
		<i>For Bituminous Coated And 25% Paved, Add</i>	130.22	
		<i>For Smooth-Flo, Add</i>	235.09	
33 42 11 00-0429		10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0393)</small>		
33 42 11 00-0430	LF	72" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	397.31	64.35
		<i>For Bituminous Coated Pipe, Add</i>	53.87	
		<i>For Bituminous Coated And 25% Paved, Add</i>	102.35	
		<i>For Smooth-Flo, Add</i>	160.80	
33 42 11 00-0431	LF	78" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	429.59	70.38
		<i>For Bituminous Coated Pipe, Add</i>	57.77	
		<i>For Bituminous Coated And 25% Paved, Add</i>	109.76	
		<i>For Smooth-Flo, Add</i>	172.43	
33 42 11 00-0432	LF	84" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	458.73	75.41
		<i>For Bituminous Coated Pipe, Add</i>	61.58	
		<i>For Bituminous Coated And 25% Paved, Add</i>	117.01	
		<i>For Smooth-Flo, Add</i>	183.82	
33 42 11 00-0433	LF	90" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	487.69	80.44
		<i>For Bituminous Coated Pipe, Add</i>	65.36	
		<i>For Bituminous Coated And 25% Paved, Add</i>	124.19	
		<i>For Smooth-Flo, Add</i>	195.11	
33 42 11 00-0434	LF	96" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	517.59	85.46
		<i>For Bituminous Coated Pipe, Add</i>	69.19	
		<i>For Bituminous Coated And 25% Paved, Add</i>	131.45	
		<i>For Smooth-Flo, Add</i>	206.52	
33 42 11 00-0435	LF	102" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	550.09	90.49
		<i>For Bituminous Coated Pipe, Add</i>	72.97	
		<i>For Bituminous Coated And 25% Paved, Add</i>	138.65	
		<i>For Smooth-Flo, Add</i>	217.83	
33 42 11 00-0436	LF	108" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	585.04	100.55
		<i>For Bituminous Coated Pipe, Add</i>	76.79	
		<i>For Bituminous Coated And 25% Paved, Add</i>	145.90	
		<i>For Smooth-Flo, Add</i>	229.22	
33 42 11 00-0437	LF	114" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	619.54	110.59
		<i>For Bituminous Coated Pipe, Add</i>	80.60	
		<i>For Bituminous Coated And 25% Paved, Add</i>	153.14	
		<i>For Smooth-Flo, Add</i>	240.59	
33 42 11 00-0438	LF	120" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	652.69	120.65
		<i>For Bituminous Coated Pipe, Add</i>	84.39	
		<i>For Bituminous Coated And 25% Paved, Add</i>	160.33	
		<i>For Smooth-Flo, Add</i>	251.89	
33 42 11 00-0439	LF	126" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	693.90	130.71
		<i>For Bituminous Coated Pipe, Add</i>	89.39	
		<i>For Bituminous Coated And 25% Paved, Add</i>	169.84	
		<i>For Smooth-Flo, Add</i>	266.82	
33 42 11 00-0440	LF	132" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	733.14	140.76
		<i>For Bituminous Coated Pipe, Add</i>	93.51	
		<i>For Bituminous Coated And 25% Paved, Add</i>	177.67	
		<i>For Smooth-Flo, Add</i>	279.13	
33 42 11 00-0441	LF	138" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	776.24	150.82
		<i>For Bituminous Coated Pipe, Add</i>	97.79	
		<i>For Bituminous Coated And 25% Paved, Add</i>	185.81	
		<i>For Smooth-Flo, Add</i>	291.92	
33 42 11 00-0442		Helical Ribbed, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0300)</small>		
33 42 11 00-0443		16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0442)</small>		
33 42 11 00-0444	LF	18" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	49.02	11.20
		<i>For Bituminous Coated Pipe, Add</i>	6.33	
33 42 11 00-0445	LF	21" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	55.95	12.13
		<i>For Bituminous Coated Pipe, Add</i>	7.54	
33 42 11 00-0446	LF	24" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	62.36	13.07
		<i>For Bituminous Coated Pipe, Add</i>	8.57	
33 42 11 00-0447	LF	30" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	81.83	16.80
		<i>For Bituminous Coated Pipe, Add</i>	11.04	
33 42 11 00-0448	LF	36" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	106.28	22.12
		<i>For Bituminous Coated Pipe, Add</i>	13.83	
33 42 11 00-0449	LF	42" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	121.19	26.14
		<i>For Bituminous Coated Pipe, Add</i>	16.31	
33 42 11 00-0450	LF	48" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	136.53	30.17
		<i>For Bituminous Coated Pipe, Add</i>	18.36	
33 42 11 00-0451	LF	54" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	162.75	34.19
		<i>For Bituminous Coated Pipe, Add</i>	22.49	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 42 11 00-0452	LF			60" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	177.56 24.55	36.19
33 42 11 00-0453 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping (33 42 11 00-0442)						
33 42 11 00-0454	LF			18" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	53.55 7.32	11.20
33 42 11 00-0455	LF			21" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	61.25 8.70	12.13
33 42 11 00-0456	LF			24" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	68.40 9.89	13.07
33 42 11 00-0457	LF			30" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	89.32 12.67	16.80
33 42 11 00-0458	LF			36" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	115.32 15.80	22.12
33 42 11 00-0459	LF			42" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	131.76 18.61	26.14
33 42 11 00-0460	LF			48" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	148.60 20.99	30.17
33 42 11 00-0461	LF			54" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	176.32 25.43	34.19
33 42 11 00-0462	LF			60" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	192.66 27.83	36.19
33 42 11 00-0463	LF			66" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	236.29 34.57	44.24
33 42 11 00-0464	LF			72" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	287.89 36.94	64.35
33 42 11 00-0465	LF			78" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	311.11 39.35	70.38
33 42 11 00-0466 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping (33 42 11 00-0442)						
33 42 11 00-0467	LF			30" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	104.53 13.24	16.80
33 42 11 00-0468	LF			36" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	133.49 16.36	22.12
33 42 11 00-0469	LF			42" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	153.04 19.25	26.14
33 42 11 00-0470	LF			48" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	172.88 21.76	30.17
33 42 11 00-0471	LF			54" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	203.66 25.97	34.19
33 42 11 00-0472	LF			60" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	223.08 28.52	36.19
33 42 11 00-0473	LF			66" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	269.66 34.59	44.24
33 42 11 00-0474	LF			72" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	324.27 37.10	64.35
33 42 11 00-0475	LF			78" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	350.49 39.64	70.38
33 42 11 00-0476	LF			84" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	373.91 42.16	75.41
33 42 11 00-0477	LF			90" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	397.28 44.68	80.44
33 42 11 00-0478	LF			96" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	421.39 47.20	85.46
33 42 11 00-0479	LF			102" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	446.81 49.44	90.49
33 42 11 00-0480				1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping (33 42 11 00-0300)		
33 42 11 00-0481				1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping (33 42 11 00-0480)		
33 42 11 00-0482	LF			6" 18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	17.80 1.62	5.60
33 42 11 00-0483	LF			6" 16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	19.15 1.95	5.60
33 42 11 00-0484	LF			8" 18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	22.32 2.14	7.00
33 42 11 00-0485	LF			8" 16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	24.03 2.56	7.00
33 42 11 00-0486	LF			10" 18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	28.22 2.69	8.40
33 42 11 00-0487	LF			10" 16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	30.39 3.22	8.40
33 42 11 00-0488 Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping (33 42 11 00-0480)						
33 42 11 00-0489	LF			6" 18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	17.99 1.60	5.60
33 42 11 00-0490	LF			6" 16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	19.30 1.90	5.60
33 42 11 00-0491	LF			8" 18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	22.51 2.10	7.00
33 42 11 00-0492	LF			8" 16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	24.33 2.53	7.00

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0493	LF		10" 18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe <i>For Bituminous Coated Pipe, Add</i>	28.54 2.66	8.40
33 42 11 00-0494	LF		10" 16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe <i>For Bituminous Coated Pipe, Add</i>	30.77 3.18	8.40
33 42 11 00-0495			1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe Fittings (33 42 11 00-0480)		
33 42 11 00-0496	EA		6" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe <i>For Bituminous Coated Pipe, Add</i>	9.99 2.25	
33 42 11 00-0497	EA		8" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe <i>For Bituminous Coated Pipe, Add</i>	13.23 2.98	
33 42 11 00-0498	EA		10" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe <i>For Bituminous Coated Pipe, Add</i>	16.22 3.65	
33 42 11 00-0499	EA		6" 18 Gauge, Band Elbows For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe <i>For Bituminous Coated Pipe, Add</i>	36.04 4.97	
33 42 11 00-0500	EA		6" End Caps For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe <i>For Bituminous Coated Pipe, Add</i>	8.44 1.14	
33 42 11 00-0501	EA		8" End Caps For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe <i>For Bituminous Coated Pipe, Add</i>	10.62 1.70	
33 42 11 00-0502			2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0300)		
33 42 11 00-0503			16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0502)		
33 42 11 00-0504	LF		12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	54.07	9.80
33 42 11 00-0505	LF		15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	63.55	10.27
33 42 11 00-0506	LF		18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	73.33	11.20
33 42 11 00-0507	LF		21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	85.12	12.13
33 42 11 00-0508	LF		24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	94.91	13.07
33 42 11 00-0509	LF		30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	124.30	16.80
33 42 11 00-0510	LF		36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	160.32	22.12
33 42 11 00-0511	LF		42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	185.34	26.14
33 42 11 00-0512	LF		48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	208.02	30.17
33 42 11 00-0513			14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0502)		
33 42 11 00-0514	LF		12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	61.37	9.80
33 42 11 00-0515	LF		15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	72.59	10.27
33 42 11 00-0516	LF		18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	84.16	11.20
33 42 11 00-0517	LF		21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	97.66	12.13
33 42 11 00-0518	LF		24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	109.48	13.07
33 42 11 00-0519	LF		30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	142.18	16.80
33 42 11 00-0520	LF		36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	181.90	22.12
33 42 11 00-0521	LF		42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	210.11	26.14
33 42 11 00-0522	LF		48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	236.29	30.17
33 42 11 00-0523	LF		54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	285.85	34.19
33 42 11 00-0524			12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0502)		
33 42 11 00-0525	LF		18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	106.73	11.20
33 42 11 00-0526	LF		21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	124.02	12.13
33 42 11 00-0527	LF		24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	139.44	13.07
33 42 11 00-0528	LF		30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	179.61	16.80
33 42 11 00-0529	LF		36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	217.64	22.12
33 42 11 00-0530	LF		42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	262.47	26.14
33 42 11 00-0531	LF		48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	296.05	30.17
33 42 11 00-0532	LF		54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	354.03	34.19
33 42 11 00-0533	LF		60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	386.85	36.19
33 42 11 00-0534	LF		66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	473.66	44.24
33 42 11 00-0535			10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0502)		
33 42 11 00-0536	LF		36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	267.85	22.12
33 42 11 00-0537	LF		42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	310.17	26.14
33 42 11 00-0538	LF		48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	350.23	30.17
33 42 11 00-0539	LF		54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	414.73	34.19
33 42 11 00-0540	LF		60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	454.42	36.19
33 42 11 00-0541	LF		66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	547.87	44.24
33 42 11 00-0542	LF		72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	622.49	64.35
33 42 11 00-0543			3" x 1" Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0300)		
33 42 11 00-0544			16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0543)		
33 42 11 00-0545	LF		36" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	201.76	22.12
33 42 11 00-0546	LF		42" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	233.12	26.14
33 42 11 00-0547	LF		48" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	261.59	30.17
33 42 11 00-0548	LF		54" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	316.32	34.19
33 42 11 00-0549	LF		60" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	344.43	36.19
33 42 11 00-0550	LF		66" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	438.14	44.24
33 42 11 00-0551	LF		72" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	502.37	64.35
33 42 11 00-0552	LF		78" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	538.03	70.38
33 42 11 00-0553	LF		84" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	571.04	75.41

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 42 11 00-0554	LF			90" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	604.07	80.44
33 42 11 00-0555	LF			96" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	637.72	85.46
33 42 11 00-0556	LF			102" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	674.36	90.49
33 42 11 00-0557				14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0543)		
33 42 11 00-0558	LF			54" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	355.34	34.19
33 42 11 00-0559	LF			60" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	387.56	36.19
33 42 11 00-0560	LF			66" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	485.65	44.24
33 42 11 00-0561	LF			72" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	554.04	64.35
33 42 11 00-0562	LF			78" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	593.92	70.38
33 42 11 00-0563	LF			84" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	631.31	75.41
33 42 11 00-0564	LF			90" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	668.43	80.44
33 42 11 00-0565	LF			96" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	706.28	85.46
33 42 11 00-0566	LF			102" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	747.17	90.49
33 42 11 00-0567	LF			108" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	790.25	100.55
33 42 11 00-0568	LF			114" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	832.43	110.59
33 42 11 00-0569				12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0543)		
33 42 11 00-0570	LF			60" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	485.69	36.19
33 42 11 00-0571	LF			66" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	594.81	44.24
33 42 11 00-0572	LF			72" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	672.67	64.35
33 42 11 00-0573	LF			78" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	722.06	70.38
33 42 11 00-0574	LF			84" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	768.91	75.41
33 42 11 00-0575	LF			90" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	815.56	80.44
33 42 11 00-0576	LF			96" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	863.00	85.46
33 42 11 00-0577	LF			102" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	913.34	90.49
33 42 11 00-0578	LF			108" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	965.81	100.55
33 42 11 00-0579	LF			114" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	1,017.64	110.59
33 42 11 00-0580	LF			120" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	1,068.64	120.65
33 42 11 00-0581				10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0543)		
33 42 11 00-0582	LF			72" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	780.76	64.35
33 42 11 00-0583	LF			78" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	838.96	70.38
33 42 11 00-0584	LF			84" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	894.69	75.41
33 42 11 00-0585	LF			90" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	950.18	80.44
33 42 11 00-0586	LF			96" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	1,006.52	85.46
33 42 11 00-0587	LF			102" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	1,065.72	90.49
33 42 11 00-0588	LF			108" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	1,127.08	100.55
33 42 11 00-0589	LF			114" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	1,187.73	110.59
33 42 11 00-0590	LF			120" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	1,247.60	120.65
33 42 11 00-0591	LF			126" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	1,309.12	130.71
33 42 11 00-0592	LF			132" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	1,373.40	140.76
33 42 11 00-0593	LF			138" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	1,440.77	150.82
33 42 11 00-0594				125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0300)		
33 42 11 00-0595				16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0594)		
33 42 11 00-0596	LF			48" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	253.18	30.17
33 42 11 00-0597	LF			54" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	307.06	34.19
33 42 11 00-0598	LF			60" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	333.82	36.19
33 42 11 00-0599	LF			66" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	418.42	44.24
33 42 11 00-0600	LF			72" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	481.04	64.35
33 42 11 00-0601	LF			78" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	515.02	70.38
33 42 11 00-0602	LF			84" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	546.13	75.41
33 42 11 00-0603	LF			90" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	577.15	80.44
33 42 11 00-0604	LF			96" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	609.22	85.46
33 42 11 00-0605	LF			102" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	644.68	90.49
33 42 11 00-0606				14 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0594)		
33 42 11 00-0607	LF			54" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	353.41	34.19
33 42 11 00-0608	LF			60" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	385.44	36.19
33 42 11 00-0609	LF			66" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	474.72	44.24
33 42 11 00-0610	LF			72" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	541.88	64.35
33 42 11 00-0611	LF			78" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	581.35	70.38
33 42 11 00-0612	LF			84" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	617.62	75.41
33 42 11 00-0613	LF			90" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	651.23	80.44
33 42 11 00-0614	LF			96" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	690.82	85.46
33 42 11 00-0615	LF			102" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	730.59	90.49
33 42 11 00-0616	LF			108" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	772.36	100.55
33 42 11 00-0617	LF			114" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	814.41	110.59
33 42 11 00-0618				12 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0594)		
33 42 11 00-0619	LF			60" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	488.91	36.19
33 42 11 00-0620	LF			66" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	589.19	44.24
33 42 11 00-0621	LF			72" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	667.16	64.35

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 42 11 00-0622	LF	78" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	716.14	70.38
33 42 11 00-0623	LF	84" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	762.11	75.41
33 42 11 00-0624	LF	90" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	808.64	80.44
33 42 11 00-0625	LF	96" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	855.62	85.46
33 42 11 00-0626	LF	102" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	905.24	90.49
33 42 11 00-0627	LF	108" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	957.57	100.55
33 42 11 00-0628	LF	114" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,009.22	110.59
33 42 11 00-0629	LF	120" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,059.59	120.65

33 42 11 00-0630 10 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel**Piping** (33 42 11 00-0594)

33 42 11 00-0631	LF	72" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	780.72	64.35
33 42 11 00-0632	LF	78" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	840.26	70.38
33 42 11 00-0633	LF	84" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	896.19	75.41
33 42 11 00-0634	LF	90" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	951.64	80.44
33 42 11 00-0635	LF	96" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,008.25	85.46
33 42 11 00-0636	LF	102" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,067.36	90.49
33 42 11 00-0637	LF	108" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,128.98	100.55
33 42 11 00-0638	LF	114" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,190.16	110.59
33 42 11 00-0639	LF	120" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,249.90	120.65
33 42 11 00-0640	LF	126" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,326.12	130.71
33 42 11 00-0641	LF	132" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,394.29	140.76
33 42 11 00-0642	LF	138" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,467.37	150.82

33 42 11 00-0643 Galvanized Corrugated Steel Pipe-Arch (33 42 11 00-0299)**33 42 11 00-0644 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch** (33 42 11 00-0643)**33 42 11 00-0645 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch** (33 42 11 00-0644)

33 42 11 00-0646	LF	17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	39.57	10.27
		<i>For Bituminous Coated Pipe, Add</i>	4.60	
		<i>For Bituminous Coated And 25% Paved, Add</i>	11.13	
		<i>For Smooth-Flo, Add</i>	18.36	
33 42 11 00-0647	LF	21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	43.93	11.20
		<i>For Bituminous Coated Pipe, Add</i>	5.50	
		<i>For Bituminous Coated And 25% Paved, Add</i>	13.29	
		<i>For Smooth-Flo, Add</i>	21.93	
33 42 11 00-0648	LF	24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	50.16	12.13
		<i>For Bituminous Coated Pipe, Add</i>	6.62	
		<i>For Bituminous Coated And 25% Paved, Add</i>	16.00	
		<i>For Smooth-Flo, Add</i>	26.39	
33 42 11 00-0649	LF	28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	56.22	13.07
		<i>For Bituminous Coated Pipe, Add</i>	7.62	
		<i>For Bituminous Coated And 25% Paved, Add</i>	18.43	
		<i>For Smooth-Flo, Add</i>	30.41	
33 42 11 00-0650	LF	35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	73.35	16.80
		<i>For Bituminous Coated Pipe, Add</i>	9.68	
		<i>For Bituminous Coated And 25% Paved, Add</i>	23.41	
		<i>For Smooth-Flo, Add</i>	38.62	
33 42 11 00-0651	LF	42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	97.08	22.12
		<i>For Bituminous Coated Pipe, Add</i>	12.49	
		<i>For Bituminous Coated And 25% Paved, Add</i>	30.20	
		<i>For Smooth-Flo, Add</i>	49.81	

33 42 11 00-0652 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch (33 42 11 00-0644)

33 42 11 00-0653	LF	17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	43.30	10.27
		<i>For Bituminous Coated Pipe, Add</i>	4.78	
		<i>For Bituminous Coated And 25% Paved, Add</i>	11.18	
		<i>For Smooth-Flo, Add</i>	18.33	
33 42 11 00-0654	LF	21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	48.50	11.20
		<i>For Bituminous Coated Pipe, Add</i>	5.73	
		<i>For Bituminous Coated And 25% Paved, Add</i>	13.40	
		<i>For Smooth-Flo, Add</i>	21.99	
33 42 11 00-0655	LF	24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	55.25	12.13
		<i>For Bituminous Coated Pipe, Add</i>	6.81	
		<i>For Bituminous Coated And 25% Paved, Add</i>	15.93	
		<i>For Smooth-Flo, Add</i>	26.13	
33 42 11 00-0656	LF	28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	62.12	13.07
		<i>For Bituminous Coated Pipe, Add</i>	7.85	
		<i>For Bituminous Coated And 25% Paved, Add</i>	18.37	
		<i>For Smooth-Flo, Add</i>	30.13	
33 42 11 00-0657	LF	35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	80.71	16.80
		<i>For Bituminous Coated Pipe, Add</i>	9.94	
		<i>For Bituminous Coated And 25% Paved, Add</i>	23.26	
		<i>For Smooth-Flo, Add</i>	38.16	
33 42 11 00-0658	LF	42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	105.83	22.12
		<i>For Bituminous Coated Pipe, Add</i>	12.67	
		<i>For Bituminous Coated And 25% Paved, Add</i>	29.63	
		<i>For Smooth-Flo, Add</i>	48.60	
33 42 11 00-0659	LF	49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	121.37	26.14
		<i>For Bituminous Coated Pipe, Add</i>	15.09	
		<i>For Bituminous Coated And 25% Paved, Add</i>	35.30	
		<i>For Smooth-Flo, Add</i>	57.90	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 42 11 00-0660	12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe- Arch <small>(33 42 11 00-0644)</small>		
	33 42 11 00-0661 LF 21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch 63.28 12.07 <i>For Bituminous Coated Pipe, Add</i> 6.20 <i>For Bituminous Coated And 25% Paved, Add</i> 13.79 <i>For Smooth-Flo, Add</i> 21.21		
	33 42 11 00-0662 LF 24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch 72.11 13.07 <i>For Bituminous Coated Pipe, Add</i> 7.35 <i>For Bituminous Coated And 25% Paved, Add</i> 16.35 <i>For Smooth-Flo, Add</i> 25.15		
	33 42 11 00-0663 LF 28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch 80.91 14.07 <i>For Bituminous Coated Pipe, Add</i> 8.43 <i>For Bituminous Coated And 25% Paved, Add</i> 18.76 <i>For Smooth-Flo, Add</i> 28.85		
	33 42 11 00-0664 LF 35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch 104.66 18.10 <i>For Bituminous Coated Pipe, Add</i> 10.61 <i>For Bituminous Coated And 25% Paved, Add</i> 23.62 <i>For Smooth-Flo, Add</i> 36.32		
	33 42 11 00-0665 LF 42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch 123.69 22.12 <i>For Bituminous Coated Pipe, Add</i> 13.28 <i>For Bituminous Coated And 25% Paved, Add</i> 29.56 <i>For Smooth-Flo, Add</i> 45.45		
	33 42 11 00-0666 LF 49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch 141.98 26.14 <i>For Bituminous Coated Pipe, Add</i> 15.71 <i>For Bituminous Coated And 25% Paved, Add</i> 34.95 <i>For Smooth-Flo, Add</i> 53.75		
	33 42 11 00-0667 LF 57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch 165.41 30.17 <i>For Bituminous Coated Pipe, Add</i> 18.63 <i>For Bituminous Coated And 25% Paved, Add</i> 41.45 <i>For Smooth-Flo, Add</i> 63.74		
	33 42 11 00-0668 LF 64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch 185.14 34.19 <i>For Bituminous Coated Pipe, Add</i> 20.57 <i>For Bituminous Coated And 25% Paved, Add</i> 45.78 <i>For Smooth-Flo, Add</i> 70.39		
33 42 11 00-0669	10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe- Arch <small>(33 42 11 00-0644)</small>		
	33 42 11 00-0670 LF 42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch 140.50 22.12 <i>For Bituminous Coated Pipe, Add</i> 16.00 <i>For Bituminous Coated And 25% Paved, Add</i> 33.69 <i>For Smooth-Flo, Add</i> 42.49		
	33 42 11 00-0671 LF 49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch 161.58 26.14 <i>For Bituminous Coated Pipe, Add</i> 18.88 <i>For Bituminous Coated And 25% Paved, Add</i> 39.74 <i>For Smooth-Flo, Add</i> 50.12		
	33 42 11 00-0672 LF 57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch 187.63 30.17 <i>For Bituminous Coated Pipe, Add</i> 22.21 <i>For Bituminous Coated And 25% Paved, Add</i> 46.76 <i>For Smooth-Flo, Add</i> 58.97		
	33 42 11 00-0673 LF 64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch 210.26 34.19 <i>For Bituminous Coated Pipe, Add</i> 24.63 <i>For Bituminous Coated And 25% Paved, Add</i> 51.85 <i>For Smooth-Flo, Add</i> 65.39		
	33 42 11 00-0674 LF 71" x 47" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch 230.30 36.19 <i>For Bituminous Coated Pipe, Add</i> 27.04 <i>For Bituminous Coated And 25% Paved, Add</i> 56.92 <i>For Smooth-Flo, Add</i> 71.78		
33 42 11 00-0675	3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 42 11 00-0643)</small>		
33 42 11 00-0676	14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 42 11 00-0675)</small>		
	33 42 11 00-0677 LF 60" x 46" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch 184.90 34.19 <i>For Bituminous Coated Pipe, Add</i> 23.73 <i>For Bituminous Coated And 25% Paved, Add</i> 72.15 <i>For Smooth-Flo, Add</i> 80.69		
	33 42 11 00-0678 LF 66" x 51" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch 202.04 36.19 <i>For Bituminous Coated Pipe, Add</i> 25.97 <i>For Bituminous Coated And 25% Paved, Add</i> 78.95 <i>For Smooth-Flo, Add</i> 88.30		
	33 42 11 00-0679 LF 73" x 55" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch 249.71 44.24 <i>For Bituminous Coated Pipe, Add</i> 32.62 <i>For Bituminous Coated And 25% Paved, Add</i> 99.16 <i>For Smooth-Flo, Add</i> 110.90		
	33 42 11 00-0680 LF 81" x 59" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch 302.82 64.35 <i>For Bituminous Coated Pipe, Add</i> 34.97 <i>For Bituminous Coated And 25% Paved, Add</i> 106.31 <i>For Smooth-Flo, Add</i> 118.90		
	33 42 11 00-0681 LF 87" x 63" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch 327.96 70.38 <i>For Bituminous Coated Pipe, Add</i> 37.44 <i>For Bituminous Coated And 25% Paved, Add</i> 113.82 <i>For Smooth-Flo, Add</i> 127.30		
	33 42 11 00-0682 LF 95" x 67" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch 350.43 75.41 <i>For Bituminous Coated Pipe, Add</i> 39.92 <i>For Bituminous Coated And 25% Paved, Add</i> 121.36 <i>For Smooth-Flo, Add</i> 135.73		

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
33 42 11 00-0683	LF 103" x 71" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	372.83 42.39 128.87 144.13	80.44
33 42 11 00-0684	LF 112" x 75" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	395.93 44.85 136.36 152.50	85.46
33 42 11 00-0685	12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 42 11 00-0675)</small>		
33 42 11 00-0686	LF 66" x 51" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	240.69 33.70 88.29 104.47	36.19
33 42 11 00-0687	LF 73" x 55" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	292.58 41.19 107.92 127.70	44.24
33 42 11 00-0688	LF 81" x 59" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	349.49 44.30 116.08 137.34	64.35
33 42 11 00-0689	LF 87" x 63" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	378.39 47.53 124.52 147.33	70.38
33 42 11 00-0690	LF 95" x 67" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	404.63 50.76 133.00 157.36	75.41
33 42 11 00-0691	LF 103" x 71" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	430.83 53.99 141.46 167.38	80.44
33 42 11 00-0692	LF 112" x 75" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	457.70 57.21 149.88 177.34	85.46
33 42 11 00-0693	LF 117" x 79" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	487.52 60.46 158.41 187.43	90.49
33 42 11 00-0694	LF 128" x 83" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	519.54 63.69 166.87 197.44	100.55
33 42 11 00-0695	LF 137" x 87" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	552.75 67.24 176.17 208.44	110.59
33 42 11 00-0696	10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 42 11 00-0675)</small>		
33 42 11 00-0697	LF 81" x 59" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	392.84 52.97 126.08 136.94	64.35
33 42 11 00-0698	LF 87" x 63" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	425.34 56.92 135.46 147.13	70.38
33 42 11 00-0699	LF 95" x 67" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	455.14 60.86 144.86 157.33	75.41
33 42 11 00-0700	LF 103" x 71" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	484.83 64.79 154.20 167.49	80.44
33 42 11 00-0701	LF 112" x 75" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	515.29 68.73 163.57 177.66	85.46
33 42 11 00-0702	LF 117" x 79" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	548.62 72.68 172.98 187.88	90.49
33 42 11 00-0703	LF 128" x 83" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	584.20 76.62 182.36 198.07	100.55
33 42 11 00-0704	LF 137" x 87" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	620.69 80.83 192.37 208.94	110.59

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0705	LF		142" x 91" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	660.16 85.88 204.39 222.00	120.65
33 42 11 00-0706			125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 42 11 00-0643)</small>		
33 42 11 00-0707			12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 42 11 00-0706)</small>		
33 42 11 00-0708	LF		81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	353.74 45.15 110.18 140.20	64.35
33 42 11 00-0709	LF		87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	382.23 48.29 117.84 149.95	70.38
33 42 11 00-0710	LF		95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	407.81 51.40 125.41 159.59	75.41
33 42 11 00-0711	LF		103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	433.38 54.50 132.98 169.23	80.44
33 42 11 00-0712	LF		112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	459.80 57.63 140.61 178.93	85.46
33 42 11 00-0713	LF		117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	489.26 60.81 148.37 188.81	90.49
33 42 11 00-0714	LF		128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	520.93 63.97 156.08 198.62	100.55
33 42 11 00-0715	LF		137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	556.20 67.93 165.75 210.92	110.59
33 42 11 00-0716			10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 42 11 00-0706)</small>		
33 42 11 00-0717	LF		81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	401.74 54.75 123.74 134.42	64.35
33 42 11 00-0718	LF		87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	434.06 58.66 132.57 144.01	70.38
33 42 11 00-0719	LF		95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	463.55 62.55 141.35 153.55	75.41
33 42 11 00-0720	LF		103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	493.13 66.45 150.18 163.14	80.44
33 42 11 00-0721	LF		112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	522.79 70.23 158.71 172.40	85.46
33 42 11 00-0722	LF		117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	556.68 74.29 167.90 182.39	90.49
33 42 11 00-0723	LF		128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	592.33 78.25 176.84 192.10	100.55
33 42 11 00-0724	LF		137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	631.54 83.00 187.58 203.76	110.59
33 42 11 00-0725	LF		142" x 91" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	668.18 87.48 197.71 214.77	120.65
33 42 11 00-0726			2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch <small>(33 42 11 00-0643)</small>		
33 42 11 00-0727			16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch <small>(33 42 11 00-0726)</small>		
33 42 11 00-0728	LF		17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	63.61	10.27

MINOR		DESCRIPTION	TOTAL DIRECT DEMOLITION	
CSI	UOM		UNIT COST	UNIT COST
33 42 11 00-0729	LF	21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	72.67	11.20
33 42 11 00-0730	LF	24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	84.84	12.13
33 42 11 00-0731	LF	28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	96.25	13.07
33 42 11 00-0732	LF	35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	124.33	16.80
33 42 11 00-0733	LF	42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	163.30	22.12
33 42 11 00-0734		14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch		
33 42 11 00-0735	LF	17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	72.20	10.27
33 42 11 00-0736	LF	21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	83.16	11.20
33 42 11 00-0737	LF	24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	96.55	12.13
33 42 11 00-0738	LF	28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	109.85	13.07
33 42 11 00-0739	LF	35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	141.25	16.80
33 42 11 00-0740	LF	42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	183.42	22.12
33 42 11 00-0741	LF	49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	214.00	26.14
33 42 11 00-0742		12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch		
33 42 11 00-0743	LF	21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	108.87	11.20
33 42 11 00-0744	LF	24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	127.00	12.13
33 42 11 00-0745	LF	28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	144.34	13.07
33 42 11 00-0746	LF	35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	184.29	16.80
33 42 11 00-0747	LF	42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	235.41	22.12
33 42 11 00-0748	LF	49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	274.54	26.14
33 42 11 00-0749	LF	57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	323.69	30.17
33 42 11 00-0750	LF	64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	359.45	34.19
33 42 11 00-0751		10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch		
33 42 11 00-0752	LF	42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	276.18	22.12
33 42 11 00-0753	LF	49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	322.11	26.14
33 42 11 00-0754	LF	57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	377.62	30.17
33 42 11 00-0755	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	420.43	34.19
33 42 11 00-0756	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	460.56	36.19
33 42 11 00-0757		3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch		
33 42 11 00-0758		14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch		
33 42 11 00-0759	LF	60" x 46" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	363.00	34.19
33 42 11 00-0760	LF	66" x 51" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	396.57	36.19
33 42 11 00-0761	LF	73" x 55" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	496.10	44.24
33 42 11 00-0762	LF	81" x 59" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	566.60	64.35
33 42 11 00-0763	LF	87" x 63" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	610.04	70.38
33 42 11 00-0764	LF	95" x 67" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	650.88	75.41
33 42 11 00-0765	LF	103" x 71" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	691.54	80.44
33 42 11 00-0766	LF	112" x 75" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	733.01	85.46
33 42 11 00-0767		12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch		
33 42 11 00-0768	LF	66" x 51" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	494.89	36.19
33 42 11 00-0769	LF	73" x 55" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	605.55	44.24
33 42 11 00-0770	LF	81" x 59" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	685.71	64.35
33 42 11 00-0771	LF	87" x 63" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	738.65	70.38
33 42 11 00-0772	LF	95" x 67" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	789.03	75.41
33 42 11 00-0773	LF	103" x 71" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	839.34	80.44
33 42 11 00-0774	LF	112" x 75" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	890.27	85.46
33 42 11 00-0775	LF	117" x 79" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	944.29	90.49
33 42 11 00-0776	LF	128" x 83" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,000.42	100.55
33 42 11 00-0777	LF	137" x 87" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,060.15	110.59
33 42 11 00-0778		10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch		
33 42 11 00-0779	LF	81" x 59" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	793.78	64.35
33 42 11 00-0780	LF	87" x 63" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	855.65	70.38
33 42 11 00-0781	LF	95" x 67" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	914.96	75.41
33 42 11 00-0782	LF	103" x 71" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	973.95	80.44
33 42 11 00-0783	LF	112" x 75" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,033.77	85.46
33 42 11 00-0784	LF	117" x 79" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,096.63	90.49
33 42 11 00-0785	LF	128" x 83" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,161.66	100.55
33 42 11 00-0786	LF	137" x 87" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,229.51	110.59
33 42 11 00-0787	LF	142" x 91" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,306.64	120.65
33 42 11 00-0788		125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch		
33 42 11 00-0789		12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch		
33 42 11 00-0790	LF	81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	676.00	64.35
33 42 11 00-0791	LF	87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	726.50	70.38
33 42 11 00-0792	LF	95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	773.85	75.41

MINOR		DESCRIPTION		TOTAL DIRECT	DEMOLITION
CSI	UOM			UNIT COST	UNIT COST
33 42 11 00-0793	LF	103"	12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	821.13	80.44
33 42 11 00-0794	LF	112"	75" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	859.44	85.46
33 42 11 00-0795	LF	117"	79" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	921.20	90.49
33 42 11 00-0796	LF	128"	83" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	974.99	100.55
33 42 11 00-0797	LF	137"	87" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,038.01	110.59
33 42 11 00-0798			10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch <small>(33 42 11 00-0798)</small>		
33 42 11 00-0799	LF	81"	59" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	791.25	64.35
33 42 11 00-0800	LF	87"	63" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	850.91	70.38
33 42 11 00-0801	LF	95"	67" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	907.61	75.41
33 42 11 00-0802	LF	103"	71" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	964.56	80.44
33 42 11 00-0803	LF	112"	75" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,020.73	85.46
33 42 11 00-0804	LF	117"	79" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,083.05	90.49
33 42 11 00-0805	LF	128"	83" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,146.43	100.55
33 42 11 00-0806	LF	137"	87" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,219.04	110.59
33 42 11 00-0807	LF	142"	91" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,286.93	120.65
33 42 11 00-0808			Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-0299)</small>		
33 42 11 00-0809			2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-0809)</small>		
33 42 11 00-0810			16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-0809)</small>		
33 42 11 00-0811	LF	12"	16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	37.31	9.80
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	6.85	
33 42 11 00-0812	LF	15"	16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	42.43	10.27
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	8.63	
33 42 11 00-0813	LF	18"	16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	47.73	11.20
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	10.46	
33 42 11 00-0814	LF	21"	16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	54.52	12.13
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	12.50	
33 42 11 00-0815	LF	24"	16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	60.44	13.07
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	14.08	
33 42 11 00-0816	LF	30"	16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	79.66	16.80
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	18.26	
33 42 11 00-0817	LF	36"	16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	103.95	22.12
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	23.04	
33 42 11 00-0818	LF	42"	16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	118.65	26.14
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	27.25	
33 42 11 00-0819	LF	48"	16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	133.32	30.17
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	30.53	
33 42 11 00-0820			14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-0809)</small>		
33 42 11 00-0821	LF	12"	14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	41.01	9.80
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	6.50	
33 42 11 00-0822	LF	15"	14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	47.00	10.27
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	8.16	
33 42 11 00-0823	LF	18"	14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	53.17	11.20
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	9.87	
33 42 11 00-0824	LF	21"	14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	60.83	12.13
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	11.73	
33 42 11 00-0825	LF	24"	14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	67.77	13.07
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	13.28	
33 42 11 00-0826	LF	30"	14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	88.63	16.80
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	17.06	
33 42 11 00-0827	LF	36"	14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	114.79	22.12
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	21.38	
33 42 11 00-0828	LF	42"	14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	131.13	26.14
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	25.18	
33 42 11 00-0829	LF	48"	14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	147.55	30.17
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	28.29	
33 42 11 00-0830	LF	54"	14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	176.67	34.19
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	34.79	
33 42 11 00-0831			12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-0809)</small>		
33 42 11 00-0832	LF	18"	12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	64.61	11.20
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	9.19	
33 42 11 00-0833	LF	21"	12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	74.19	12.13
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	10.88	
33 42 11 00-0834	LF	24"	12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	82.94	13.07
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	12.33	
33 42 11 00-0835	LF	30"	12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	107.57	16.80
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	15.72	
33 42 11 00-0836	LF	36"	12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	137.64	22.12
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	19.50	
33 42 11 00-0837	LF	42"	12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	157.61	26.14
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	22.88	
33 42 11 00-0838	LF	48"	12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	177.76	30.17
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	25.80	

33 Utilities

33 40 Stormwater Utilities

33 42 Stormwater Conveyance



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
33 42 11 00-0839	LF	54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	211.16 31.16		34.19
33 42 11 00-0840	LF	60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	230.65 34.07		36.19
33 42 11 00-0841	LF	66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	281.49 41.90		44.24
33 42 11 00-0842 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping (33 42 11 00-0809)					
33 42 11 00-0843	LF	36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	158.18 21.36		22.12
33 42 11 00-0844	LF	42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	181.64 25.05		26.14
33 42 11 00-0845	LF	48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	205.03 28.28		30.17
33 42 11 00-0846	LF	54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	241.75 33.70		34.19
33 42 11 00-0847	LF	60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	264.69 36.96		36.19
33 42 11 00-0848	LF	66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	318.88 44.59		44.24
33 42 11 00-0849	LF	72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	376.97 47.81		64.35
33 42 11 00-0850 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping (33 42 11 00-0808)					
33 42 11 00-0851 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping (33 42 11 00-0850)					
33 42 11 00-0852	LF	36" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	120.10 25.61		22.12
33 42 11 00-0853	LF	42" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	137.13 30.08		26.14
33 42 11 00-0854	LF	48" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	154.11 33.73		30.17
33 42 11 00-0855	LF	54" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	183.96 41.20		34.19
33 42 11 00-0856	LF	60" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	200.44 44.89		36.19
33 42 11 00-0857	LF	66" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	251.35 57.66		44.24
33 42 11 00-0858	LF	72" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	303.55 61.45		64.35
33 42 11 00-0859	LF	78" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	327.22 65.26		70.38
33 42 11 00-0860	LF	84" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	348.20 69.08		75.41
33 42 11 00-0861	LF	90" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	369.17 72.91		80.44
33 42 11 00-0862	LF	96" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	390.84 76.71		85.46
33 42 11 00-0863	LF	102" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	415.39 80.56		90.49
33 42 11 00-0864 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping (33 42 11 00-0850)					
33 42 11 00-0865	LF	54" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	202.51 35.70		34.19
33 42 11 00-0866	LF	60" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	220.95 38.98		36.19
33 42 11 00-0867	LF	66" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	273.92 49.07		44.24
33 42 11 00-0868	LF	72" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	328.14 52.44		64.35
33 42 11 00-0869	LF	78" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	353.80 55.82		70.38
33 42 11 00-0870	LF	84" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	376.87 59.23		75.41
33 42 11 00-0871	LF	90" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	399.79 62.60		80.44
33 42 11 00-0872	LF	96" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	423.45 65.97		85.46
33 42 11 00-0873	LF	102" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	449.99 69.37		90.49
33 42 11 00-0874	LF	108" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	478.80 72.76		100.55
33 42 11 00-0875	LF	114" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	506.99 76.10		110.59
33 42 11 00-0876 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping (33 42 11 00-0850)					
33 42 11 00-0877	LF	60" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	266.54 52.28		36.19
33 42 11 00-0878	LF	66" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	324.39 63.96		44.24

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0879	LF	72" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	383.01 68.61	64.35
33 42 11 00-0880	LF	78" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	413.13 73.27	70.38
33 42 11 00-0881	LF	84" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	440.59 77.95	75.41
33 42 11 00-0882	LF	90" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	467.98 82.61	80.44
33 42 11 00-0883	LF	96" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	496.07 87.27	85.46
33 42 11 00-0884	LF	102" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	527.03 91.95	90.49
33 42 11 00-0885	LF	108" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	560.24 96.61	100.55
33 42 11 00-0886	LF	114" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	592.89 101.24	110.59
33 42 11 00-0887	LF	120" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	624.51 105.92	120.65
33 42 11 00-0888		10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-0880)</small>		
33 42 11 00-0889	LF	72" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	434.17 84.21	64.35
33 42 11 00-0890	LF	78" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	468.41 90.10	70.38
33 42 11 00-0891	LF	84" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	500.10 96.05	75.41
33 42 11 00-0892	LF	90" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	531.63 101.96	80.44
33 42 11 00-0893	LF	96" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	563.98 107.89	85.46
33 42 11 00-0894	LF	102" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	599.16 113.83	90.49
33 42 11 00-0895	LF	108" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	636.52 119.74	100.55
33 42 11 00-0896	LF	114" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	673.36 125.62	110.59
33 42 11 00-0897	LF	120" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	709.20 131.57	120.65
33 42 11 00-0898	LF	126" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	746.85 137.47	130.71
33 42 11 00-0899	LF	132" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	787.07 143.41	140.76
33 42 11 00-0900	LF	138" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	830.37 149.35	150.82
33 42 11 00-0901		125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-0900)</small>		
33 42 11 00-0902		16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-0901)</small>		
33 42 11 00-0903	LF	48" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	154.70 41.79	30.17
33 42 11 00-0904	LF	54" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	185.04 51.20	34.19
33 42 11 00-0905	LF	60" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	201.38 55.68	36.19
33 42 11 00-0906	LF	66" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	249.26 70.10	44.24
33 42 11 00-0907	LF	72" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	301.21 74.67	64.35
33 42 11 00-0908	LF	78" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	324.61 79.24	70.38
33 42 11 00-0909	LF	84" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	345.20 83.78	75.41
33 42 11 00-0910	LF	90" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	365.71 88.29	80.44
33 42 11 00-0911	LF	96" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	387.18 92.89	85.46
33 42 11 00-0912	LF	102" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	411.65 97.59	90.49
33 42 11 00-0913		14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-0901)</small>		
33 42 11 00-0914	LF	54" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	208.23 48.28	34.19
33 42 11 00-0915	LF	60" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	227.23 52.71	36.19
33 42 11 00-0916	LF	66" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	277.41 64.87	44.24
33 42 11 00-0917	LF	72" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	331.66 69.25	64.35
33 42 11 00-0918	LF	78" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	357.78 73.79	70.38
33 42 11 00-0919	LF	84" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	380.95 78.24	75.41

33	33 Utilities
	33 40 Stormwater Utilities
	33 42 Stormwater Conveyance



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0920	LF		90" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe For 1/2 Bituminous Coated And 25% Paved, Add	402.79 82.25	80.44
33 42 11 00-0921	LF		96" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe For 1/2 Bituminous Coated And 25% Paved, Add	427.95 87.14	85.46
33 42 11 00-0922	LF		102" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe For 1/2 Bituminous Coated And 25% Paved, Add	454.63 91.60	90.49
33 42 11 00-0923	LF		108" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe For 1/2 Bituminous Coated And 25% Paved, Add	483.47 96.01	100.55
33 42 11 00-0924	LF		114" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe For 1/2 Bituminous Coated And 25% Paved, Add	512.22 100.53	110.59
33 42 11 00-0925 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping (33 42 11 00-0901)					
33 42 11 00-0926	LF		60" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe For 1/2 Bituminous Coated And 25% Paved, Add	275.53 58.16	36.19
33 42 11 00-0927	LF		66" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe For 1/2 Bituminous Coated And 25% Paved, Add	330.67 69.80	44.24
33 42 11 00-0928	LF		72" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe For 1/2 Bituminous Coated And 25% Paved, Add	389.98 74.93	64.35
33 42 11 00-0929	LF		78" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe For 1/2 Bituminous Coated And 25% Paved, Add	420.56 80.02	70.38
33 42 11 00-0930	LF		84" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe For 1/2 Bituminous Coated And 25% Paved, Add	448.30 85.08	75.41
33 42 11 00-0931	LF		90" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe For 1/2 Bituminous Coated And 25% Paved, Add	476.28 90.21	80.44
33 42 11 00-0932	LF		96" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe For 1/2 Bituminous Coated And 25% Paved, Add	504.82 95.28	85.46
33 42 11 00-0933	LF		102" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe For 1/2 Bituminous Coated And 25% Paved, Add	536.14 100.36	90.49
33 42 11 00-0934	LF		108" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe For 1/2 Bituminous Coated And 25% Paved, Add	569.90 105.48	100.55
33 42 11 00-0935	LF		114" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe For 1/2 Bituminous Coated And 25% Paved, Add	603.15 110.57	110.59
33 42 11 00-0936	LF		120" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe For 1/2 Bituminous Coated And 25% Paved, Add	635.15 115.66	120.65
33 42 11 00-0937 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping (33 42 11 00-0901)					
33 42 11 00-0938	LF		72" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe For 1/2 Bituminous Coated And 25% Paved, Add	445.82 90.91	64.35
33 42 11 00-0939	LF		78" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe For 1/2 Bituminous Coated And 25% Paved, Add	481.60 97.48	70.38
33 42 11 00-0940	LF		84" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe For 1/2 Bituminous Coated And 25% Paved, Add	514.19 103.92	75.41
33 42 11 00-0941	LF		90" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe For 1/2 Bituminous Coated And 25% Paved, Add	546.56 110.31	80.44
33 42 11 00-0942	LF		96" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe For 1/2 Bituminous Coated And 25% Paved, Add	579.85 116.74	85.46
33 42 11 00-0943	LF		102" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe For 1/2 Bituminous Coated And 25% Paved, Add	615.80 123.15	90.49
33 42 11 00-0944	LF		108" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe For 1/2 Bituminous Coated And 25% Paved, Add	654.17 129.58	100.55
33 42 11 00-0945	LF		114" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe For 1/2 Bituminous Coated And 25% Paved, Add	692.09 136.00	110.59
33 42 11 00-0946	LF		120" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe For 1/2 Bituminous Coated And 25% Paved, Add	728.66 142.40	120.65
33 42 11 00-0947	LF		126" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe For 1/2 Bituminous Coated And 25% Paved, Add	774.40 150.85	130.71
33 42 11 00-0948	LF		132" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe For 1/2 Bituminous Coated And 25% Paved, Add	817.34 157.80	140.76
33 42 11 00-0949	LF		138" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe For 1/2 Bituminous Coated And 25% Paved, Add	864.27 165.02	150.82
33 42 11 00-0950 Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping (33 42 11 00-0808)					
33 42 11 00-0951 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping (33 42 11 00-0950)					
33 42 11 00-0952	LF		18" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	53.97	11.20
33 42 11 00-0953	LF		21" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	61.74	12.13
33 42 11 00-0954	LF		24" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	68.99	13.07
33 42 11 00-0955	LF		30" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	90.09	16.80
33 42 11 00-0956	LF		36" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	116.19	22.12
33 42 11 00-0957	LF		42" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	132.77	26.14
33 42 11 00-0958	LF		48" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	149.75	30.17
33 42 11 00-0959	LF		54" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	177.64	34.19
33 42 11 00-0960	LF		60" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	194.09	36.19
33 42 11 00-0961 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping (33 42 11 00-0950)					
33 42 11 00-0962	LF		18" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	59.34	11.20
33 42 11 00-0963	LF		21" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	68.02	12.13
33 42 11 00-0964	LF		24" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	76.10	13.07
33 42 11 00-0965	LF		30" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	98.99	16.80
33 42 11 00-0966	LF		36" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	126.90	22.12

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 42 11 00-0967	LF			42" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	145.29	26.14
33 42 11 00-0968	LF			48" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	164.05	30.17
33 42 11 00-0969	LF			54" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	193.72	34.19
33 42 11 00-0970	LF			60" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	212.02	36.19
33 42 11 00-0971	LF			66" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	257.77	44.24
33 42 11 00-0972	LF			72" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	311.29	64.35
33 42 11 00-0973	LF			78" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	336.43	70.38

33 42 11 00-0974 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping (33 42 11 00-0950)

33 42 11 00-0975	LF			30" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	117.02	16.80
33 42 11 00-0976	LF			36" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	148.49	22.12
33 42 11 00-0977	LF			42" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	170.58	26.14
33 42 11 00-0978	LF			48" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	192.90	30.17
33 42 11 00-0979	LF			54" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	226.16	34.19
33 42 11 00-0980	LF			60" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	248.12	36.19
33 42 11 00-0981	LF			66" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	297.39	44.24
33 42 11 00-0982	LF			72" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	354.47	64.35
33 42 11 00-0983	LF			78" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	383.20	70.38
33 42 11 00-0984	LF			84" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	409.10	75.41
33 42 11 00-0985	LF			90" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	435.02	80.44
33 42 11 00-0986	LF			96" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	461.57	85.46
33 42 11 00-0987	LF			102" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	489.23	90.49

33 42 11 00-0988 Aluminized Type 2 Corrugated Steel Pipe-Arch (33 42 11 00-0299)

33 42 11 00-0989 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch (33 42 11 00-0988)

33 42 11 00-0990 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch (33 42 11 00-0989)

33 42 11 00-0991	LF			17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	43.68	10.27
				<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	11.14	
33 42 11 00-0992	LF			21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	48.85	11.20
				<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	13.31	
33 42 11 00-0993	LF			24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	56.05	12.13
				<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	16.01	
33 42 11 00-0994	LF			28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	63.03	13.07
				<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	18.45	
33 42 11 00-0995	LF			35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	82.00	16.80
				<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	23.44	
33 42 11 00-0996	LF			42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	108.24	22.12
				<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	30.23	

33 42 11 00-0997 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch (33 42 11 00-0989)

33 42 11 00-0998	LF			17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	48.25	10.27
				<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	11.55	
33 42 11 00-0999	LF			21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	54.39	11.20
				<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	13.83	
33 42 11 00-1000	LF			24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	62.30	12.13
				<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	16.46	
33 42 11 00-1001	LF			28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	70.25	13.07
				<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	18.98	
33 42 11 00-1002	LF			35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	91.00	16.80
				<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	24.03	
33 42 11 00-1003	LF			42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	118.95	22.12
				<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	30.61	
33 42 11 00-1004	LF			49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	136.99	26.14
				<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	36.47	

33 42 11 00-1005 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch (33 42 11 00-0989)

33 42 11 00-1006	LF			21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	65.69	11.20
				<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	12.67	
33 42 11 00-1007	LF			24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	75.69	12.13
				<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	15.06	
33 42 11 00-1008	LF			28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	85.42	13.07
				<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	17.29	
33 42 11 00-1009	LF			35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	109.94	16.80
				<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	21.81	
33 42 11 00-1010	LF			42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	141.83	22.12
				<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	27.43	
33 42 11 00-1011	LF			49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	163.67	26.14
				<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	32.51	
33 42 11 00-1012	LF			57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	191.68	30.17
				<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	38.71	
33 42 11 00-1013	LF			64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	213.88	34.19
				<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	42.67	

33 42 11 00-1014 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch (33 42 11 00-0989)

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
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33 42 11 00-1015	LF	42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	162.37	22.12
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	28.86	
33 42 11 00-1016	LF	49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	187.64	26.14
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	34.11	
33 42 11 00-1017	LF	57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	218.85	30.17
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	40.28	
33 42 11 00-1018	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	244.61	34.19
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	44.59	
33 42 11 00-1019	LF	71" x 47" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	267.79	36.19
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	48.90	
33 42 11 00-1020		3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 42 11 00-0988)</small>		
33 42 11 00-1021		14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 42 11 00-1020)</small>		
33 42 11 00-1022	LF	60" x 46" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	206.17	34.19
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	64.09	
33 42 11 00-1023	LF	66" x 51" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	225.31	36.19
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	70.13	
33 42 11 00-1024	LF	73" x 55" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	278.94	44.24
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	88.08	
33 42 11 00-1025	LF	81" x 59" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	334.14	64.35
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	94.43	
33 42 11 00-1026	LF	87" x 63" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	361.51	70.38
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	101.10	
33 42 11 00-1027	LF	95" x 67" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	386.18	75.41
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	107.79	
33 42 11 00-1028	LF	103" x 71" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	410.78	80.44
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	114.46	
33 42 11 00-1029	LF	112" x 75" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	436.15	85.46
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	121.14	
33 42 11 00-1030		12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 42 11 00-1020)</small>		
33 42 11 00-1031	LF	66" x 51" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	270.93	36.19
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	79.69	
33 42 11 00-1032	LF	73" x 55" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	329.52	44.24
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	97.40	
33 42 11 00-1033	LF	81" x 59" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	389.21	64.35
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	104.76	
33 42 11 00-1034	LF	87" x 63" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	420.98	70.38
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	112.37	
33 42 11 00-1035	LF	95" x 67" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	450.15	75.41
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	120.03	
33 42 11 00-1036	LF	103" x 71" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	479.25	80.44
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	127.67	
33 42 11 00-1037	LF	112" x 75" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	509.01	85.46
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	135.28	
33 42 11 00-1038	LF	117" x 79" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	541.72	90.49
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	142.96	
33 42 11 00-1039	LF	128" x 83" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	576.63	100.55
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	150.59	
33 42 11 00-1040	LF	137" x 87" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	613.05	110.59
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	159.00	
33 42 11 00-1041		10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 42 11 00-1020)</small>		
33 42 11 00-1042	LF	81" x 59" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	440.35	64.35
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	113.39	
33 42 11 00-1043	LF	87" x 63" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	476.37	70.38
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	121.83	
33 42 11 00-1044	LF	95" x 67" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	509.72	75.41
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	130.28	
33 42 11 00-1045	LF	103" x 71" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	542.93	80.44
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	138.69	
33 42 11 00-1046	LF	112" x 75" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	579.74	85.46
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	148.13	
33 42 11 00-1047	LF	117" x 79" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	613.81	90.49
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	155.58	
33 42 11 00-1048	LF	128" x 83" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	652.95	100.55
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	164.03	
33 42 11 00-1049	LF	137" x 87" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	693.17	110.59
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	173.01	
33 42 11 00-1050	LF	142" x 91" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	737.17	120.65
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	183.83	
33 42 11 00-1051		125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 42 11 00-0988)</small>		
33 42 11 00-1052		12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 42 11 00-1051)</small>		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	33 42 11 00-1053	LF		81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	394.38 103.10	64.35
	33 42 11 00-1054	LF		87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	425.69 110.27	70.38
	33 42 11 00-1055	LF		95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	454.09 117.37	75.41
	33 42 11 00-1056	LF		103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	482.45 124.45	80.44
	33 42 11 00-1057	LF		112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	511.66 131.58	85.46
	33 42 11 00-1058	LF		117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	543.99 138.84	90.49
	33 42 11 00-1059	LF		128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	578.52 146.07	100.55
	33 42 11 00-1060	LF		137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	617.34 155.11	110.59
	33 42 11 00-1061			10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 42 11 00-1051)</small>		
	33 42 11 00-1062	LF		81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	451.02 114.36	64.35
	33 42 11 00-1063	LF		87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	486.86 122.52	70.38
	33 42 11 00-1064	LF		95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	519.84 130.63	75.41
	33 42 11 00-1065	LF		103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	552.94 138.79	80.44
	33 42 11 00-1066	LF		112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	586.02 146.68	85.46
	33 42 11 00-1067	LF		117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	623.54 155.17	90.49
	33 42 11 00-1068	LF		128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	662.78 163.44	100.55
	33 42 11 00-1069	LF		137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	706.25 173.35	110.59
	33 42 11 00-1070	LF		142" x 91" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	746.93 182.72	120.65
	33 42 11 00-1071			Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-0299)</small>		
	33 42 11 00-1072			1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-1071)</small>		
	33 42 11 00-1073			18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-1072)</small>		
	33 42 11 00-1074	LF		6" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	22.23 2.12	5.60
	33 42 11 00-1075	LF		8" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	28.57 2.88	7.00
	33 42 11 00-1076	LF		10" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	36.98 3.79	8.40
	33 42 11 00-1077			16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-1072)</small>		
	33 42 11 00-1078	LF		6" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	24.67 2.10	5.60
	33 42 11 00-1079	LF		8" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	32.01 2.88	7.00
	33 42 11 00-1080	LF		10" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	41.57 3.80	8.40
	33 42 11 00-1081			2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-1071)</small>		
	33 42 11 00-1082			16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-1081)</small>		
	33 42 11 00-1083	LF		12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	42.90 4.17	9.80
	33 42 11 00-1084	LF		15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	49.36 5.23	10.27
	33 42 11 00-1085	LF		18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	56.22 6.36	11.20
	33 42 11 00-1086	LF		21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	64.61 7.59	12.13
	33 42 11 00-1087	LF		24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	72.12 8.61	13.07
	33 42 11 00-1088			14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-1081)</small>		
	33 42 11 00-1089	LF		12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	48.11 4.08	9.80

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
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33 42 11 00-1090	LF	15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	56.00	10.27
		<i>For Bituminous Coated Pipe, Add</i>	5.13	
33 42 11 00-1091	LF	18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	64.18	11.20
		<i>For Bituminous Coated Pipe, Add</i>	6.22	
33 42 11 00-1092	LF	21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	73.84	12.13
		<i>For Bituminous Coated Pipe, Add</i>	7.39	
33 42 11 00-1093	LF	24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	82.72	13.07
		<i>For Bituminous Coated Pipe, Add</i>	8.40	
33 42 11 00-1094	LF	30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	107.66	16.80
		<i>For Bituminous Coated Pipe, Add</i>	10.76	
33 42 11 00-1095	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	137.94	22.12
		<i>For Bituminous Coated Pipe, Add</i>	13.38	
33 42 11 00-1096		12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-1081)</small>		
33 42 11 00-1097	LF	24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	102.96	13.07
		<i>For Bituminous Coated Pipe, Add</i>	7.97	
33 42 11 00-1098	LF	30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	132.87	16.80
		<i>For Bituminous Coated Pipe, Add</i>	10.14	
33 42 11 00-1099	LF	36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	168.22	22.12
		<i>For Bituminous Coated Pipe, Add</i>	12.49	
33 42 11 00-1100	LF	42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	193.85	26.14
		<i>For Bituminous Coated Pipe, Add</i>	14.69	
33 42 11 00-1101	LF	48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	219.22	30.17
		<i>For Bituminous Coated Pipe, Add</i>	16.63	
33 42 11 00-1102	LF	54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	257.80	34.19
		<i>For Bituminous Coated Pipe, Add</i>	19.73	
33 42 11 00-1103		10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-1081)</small>		
33 42 11 00-1104	LF	36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	200.49	22.12
		<i>For Bituminous Coated Pipe, Add</i>	12.29	
33 42 11 00-1105	LF	42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	231.44	26.14
		<i>For Bituminous Coated Pipe, Add</i>	14.42	
33 42 11 00-1106	LF	48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	262.30	30.17
		<i>For Bituminous Coated Pipe, Add</i>	16.36	
33 42 11 00-1107	LF	54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	306.27	34.19
		<i>For Bituminous Coated Pipe, Add</i>	19.20	
33 42 11 00-1108	LF	60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	336.69	36.19
		<i>For Bituminous Coated Pipe, Add</i>	21.16	
33 42 11 00-1109		3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-1071)</small>		
33 42 11 00-1110		16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-1109)</small>		
33 42 11 00-1111	LF	30" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	106.02	16.80
33 42 11 00-1112	LF	36" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	135.88	22.12
33 42 11 00-1113	LF	42" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	155.46	26.14
33 42 11 00-1114	LF	48" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	176.02	30.17
33 42 11 00-1115	LF	54" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	207.77	34.19
33 42 11 00-1116		14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-1109)</small>		
33 42 11 00-1117	LF	30" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	119.29	16.80
33 42 11 00-1118	LF	36" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	154.83	22.12
33 42 11 00-1119	LF	42" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	177.45	26.14
33 42 11 00-1120	LF	48" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	200.02	30.17
33 42 11 00-1121	LF	54" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	235.88	34.19
33 42 11 00-1122	LF	60" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	257.90	36.19
33 42 11 00-1123	LF	66" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	313.64	44.24
33 42 11 00-1124	LF	72" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	371.24	64.35
33 42 11 00-1125	LF	78" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	400.32	70.38
33 42 11 00-1126		12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-1109)</small>		
33 42 11 00-1127	LF	30" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	150.29	16.80
33 42 11 00-1128	LF	36" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	189.69	22.12
33 42 11 00-1129	LF	42" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	219.10	26.14
33 42 11 00-1130	LF	48" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	247.80	30.17
33 42 11 00-1131	LF	54" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	289.51	34.19
33 42 11 00-1132	LF	60" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	317.29	36.19
33 42 11 00-1133	LF	66" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	378.78	44.24
33 42 11 00-1134	LF	72" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	442.27	64.35
33 42 11 00-1135	LF	78" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	477.16	70.38
33 42 11 00-1136	LF	84" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	509.42	75.41
33 42 11 00-1137	LF	90" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	541.57	80.44
33 42 11 00-1138	LF	96" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	574.45	85.46

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 42 11 00-1139			10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-1109)</small>		
33 42 11 00-1140	LF		60" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	379.76	36.19
33 42 11 00-1141	LF		66" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	444.86	44.24
33 42 11 00-1142	LF		72" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	514.28	64.35
33 42 11 00-1143	LF		78" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	555.11	70.38
33 42 11 00-1144	LF		84" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	593.20	75.41
33 42 11 00-1145	LF		90" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	631.27	80.44
33 42 11 00-1146	LF		96" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	670.04	85.46
33 42 11 00-1147	LF		102" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	711.73	90.49
33 42 11 00-1148	LF		108" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	755.63	100.55

33 42 11 00-1149			Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-1071)</small>		
			Note: Contech ULTRA FLO. HS 20 and HS 25 vehicular loading.		

33 42 11 00-1150			16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-1149)</small>		
33 42 11 00-1151	LF		18" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	74.10	11.20
33 42 11 00-1152	LF		21" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	79.70	12.13
33 42 11 00-1153	LF		24" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	95.88	13.07
33 42 11 00-1154	LF		27" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	110.71	14.93
33 42 11 00-1155	LF		30" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	124.20	16.80
33 42 11 00-1156	LF		33" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	138.42	18.67

33 42 11 00-1157			14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-1149)</small>		
33 42 11 00-1158	LF		18" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	85.33	11.20
33 42 11 00-1159	LF		21" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	98.54	12.13
33 42 11 00-1160	LF		24" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	110.98	13.07
33 42 11 00-1161	LF		27" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	127.66	14.93
33 42 11 00-1162	LF		30" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	143.00	16.80
33 42 11 00-1163	LF		33" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	159.14	18.67
33 42 11 00-1164	LF		36" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	180.61	22.12
33 42 11 00-1165	LF		42" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	208.29	26.14
33 42 11 00-1166	LF		48" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	235.66	30.17

33 42 11 00-1167			12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-1149)</small>		
33 42 11 00-1168	LF		30" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	179.77	16.80
33 42 11 00-1169	LF		33" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	199.49	18.67
33 42 11 00-1170	LF		36" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	224.70	22.12
33 42 11 00-1171	LF		42" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	259.77	26.14
33 42 11 00-1172	LF		48" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	294.50	30.17
33 42 11 00-1173	LF		54" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	406.38	34.19
33 42 11 00-1174	LF		60" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	447.21	36.19

33 42 11 00-1175			10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-1149)</small>		
33 42 11 00-1176	LF		48" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	414.38	30.17
33 42 11 00-1177	LF		54" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	480.29	34.19
33 42 11 00-1178	LF		60" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	529.42	36.19
33 42 11 00-1179	LF		66" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	615.28	44.24
33 42 11 00-1180	LF		72" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	698.87	64.35
33 42 11 00-1181	LF		78" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	754.53	70.38
33 42 11 00-1182	LF		84" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	807.00	75.41

33 42 11 00-1183			Spiral Lockseam Aluminum Pipe-Arch <small>(33 42 11 00-0299)</small>		
33 42 11 00-1184			2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch <small>(33 42 11 00-1183)</small>		
33 42 11 00-1185			16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch <small>(33 42 11 00-1184)</small>		
33 42 11 00-1186	LF		17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	51.73	10.27
			<i>For Bituminous Coated Pipe, Add</i>	5.24	
33 42 11 00-1187	LF		21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	58.47	11.20
			<i>For Bituminous Coated Pipe, Add</i>	6.26	
33 42 11 00-1188	LF		24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	67.17	12.13
			<i>For Bituminous Coated Pipe, Add</i>	7.45	

33 42 11 00-1189			14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch <small>(33 42 11 00-1184)</small>		
33 42 11 00-1190	LF		17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	58.39	10.27
			<i>For Bituminous Coated Pipe, Add</i>	5.22	
33 42 11 00-1191	LF		21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	64.86	11.20
			<i>For Bituminous Coated Pipe, Add</i>	6.02	
33 42 11 00-1192	LF		24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	76.40	12.13
			<i>For Bituminous Coated Pipe, Add</i>	7.39	

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1193	LF		28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	86.18 8.48	13.07
33 42 11 00-1194	LF		35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	111.12 10.73	16.80
33 42 11 00-1195			12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch <small>(33 42 11 00-1194)</small>		
33 42 11 00-1196	LF		28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	106.45 8.09	13.07
33 42 11 00-1197	LF		35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	136.39 10.19	16.80
33 42 11 00-1198	LF		42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	174.16 12.72	22.12
33 42 11 00-1199	LF		49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	201.68 15.05	26.14
33 42 11 00-1200			10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch <small>(33 42 11 00-1194)</small>		
33 42 11 00-1201	LF		42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	206.39 12.28	22.12
33 42 11 00-1202	LF		49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	239.33 14.49	26.14
33 42 11 00-1203	LF		57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	278.15 16.97	30.17
33 42 11 00-1204	LF		64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	311.48 18.88	34.19
33 42 11 00-1205			3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch <small>(33 42 11 00-1183)</small>		
33 42 11 00-1206			14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch <small>(33 42 11 00-1205)</small>		
33 42 11 00-1207	LF		60" x 46" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	241.09	34.19
33 42 11 00-1208	LF		66" x 51" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	263.96	36.19
33 42 11 00-1209	LF		73" x 55" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	321.13	44.24
33 42 11 00-1210			12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch <small>(33 42 11 00-1205)</small>		
33 42 11 00-1211	LF		60" x 46" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	294.72	34.19
33 42 11 00-1212	LF		66" x 51" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	323.35	36.19
33 42 11 00-1213	LF		73" x 55" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	386.00	44.24
33 42 11 00-1214	LF		81" x 59" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	450.04	64.35
33 42 11 00-1215	LF		87" x 63" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	485.48	70.38
33 42 11 00-1216	LF		95" x 67" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	518.28	75.41
33 42 11 00-1217			10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch <small>(33 42 11 00-1205)</small>		
33 42 11 00-1218	LF		66" x 51" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	385.72	36.19
33 42 11 00-1219	LF		73" x 55" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	451.81	44.24
33 42 11 00-1220	LF		81" x 59" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	521.77	64.35
33 42 11 00-1221	LF		87" x 63" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	563.14	70.38
33 42 11 00-1222	LF		95" x 67" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	601.78	75.41
33 42 11 00-1223	LF		103" x 71" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	640.38	80.44
33 42 11 00-1224			Corrugated Steel Pipe Fittings <small>(33 42 11 00-0299)</small> Note: Equivalent pipe-arch sizes are approximate.		
33 42 11 00-1225			Fabricate 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fittings <small>(33 42 11 00-1224)</small> Note: Excludes material. Use appropriate size, gauge, corrugation and type of material from pipe sections for the listed requirements of pipe needed.		
33 42 11 00-1226	EA		Fabricate 6" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe).....	83.35	
33 42 11 00-1227	EA		Fabricate 8" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe).....	104.53	
33 42 11 00-1228	EA		Fabricate 10" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe).....	125.71	
33 42 11 00-1229	EA		Fabricate 12" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe).....	148.22	
33 42 11 00-1230	EA		Fabricate 15" (Or 17" x 13" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe).....	179.96	
33 42 11 00-1231	EA		Fabricate 18" (Or 21" x 15" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe).....	211.70	
33 42 11 00-1232	EA		Fabricate 21" (Or 24" x 18" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe).....	243.47	
33 42 11 00-1233	EA		Fabricate 24" (Or 28" x 20" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe).....	275.21	
33 42 11 00-1234	EA		Fabricate 30" (Or 35" x 24" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	358.59	
33 42 11 00-1235	EA		Fabricate 36" (Or 42" x 29" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	427.38	
33 42 11 00-1236	EA		Fabricate 42" (Or 49" x 33" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	496.20	
33 42 11 00-1237	EA		Fabricate 48" (Or 57" x 38" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	641.76	
33 42 11 00-1238	EA		Fabricate 54" (Or 64" x 43" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe).....	723.80	
33 42 11 00-1239	EA		Fabricate 60" (Or 71" x 47" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe).....	808.49	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 42 11 00-1240	EA			Fabricate 66" (Or 77" x 52" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe).....	895.82	
33 42 11 00-1241	EA			Fabricate 72" (Or 83" x 57" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe).....	1,091.65	
33 42 11 00-1242	EA			Fabricate 78" (Or 87" x 63" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe).....	1,190.88	
33 42 11 00-1243	EA			Fabricate 84" (Or 95" x 67" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe).....	1,292.77	
33 42 11 00-1244	EA			Fabricate 90" (Or 103" x 71" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe).....	1,586.53	
33 42 11 00-1245	EA			Fabricate 96" (Or 112" x 75" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe).....	1,702.98	
33 42 11 00-1246	EA			Fabricate 102" (Or 117" x 79" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe).....	1,820.75	
33 42 11 00-1247	EA			Fabricate 108" (Or 128" x 83" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe).....	1,938.50	
33 42 11 00-1248	EA			Fabricate 114" (Or 137" x 87" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe).....	2,054.94	
33 42 11 00-1249	EA			Fabricate 120" (Or 142" x 91" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe).....	2,172.71	
33 42 11 00-1250	EA			Fabricate 126" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe).....	2,296.87	
33 42 11 00-1251	EA			Fabricate 132" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe).....	2,428.14	
33 42 11 00-1252	EA			Fabricate 138" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe).....	2,566.88	

33 42 11 00-1253
Fabricate Corrugated Steel Pipe Tees Or Laterals (33 42 11 00-1224)

Note: Fabrication charge excludes material. Use appropriate size, gauge, corrugation and type of material from pipe sections for the listed requirements of pipe needed.

33 42 11 00-1254	EA			Fabricate 6" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe).....	108.51	
33 42 11 00-1255	EA			Fabricate 8" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe).....	138.94	
33 42 11 00-1256	EA			Fabricate 10" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe).....	169.35	
33 42 11 00-1257	EA			Fabricate 12" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe).....	199.81	
33 42 11 00-1258	EA			Fabricate 15" (Or 17" x 13" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe).....	243.47	
33 42 11 00-1259	EA			Fabricate 18" (Or 21" x 15" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	288.45	
33 42 11 00-1260	EA			Fabricate 21" (Or 24" x 18" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	333.46	
33 42 11 00-1261	EA			Fabricate 24" (Or 28" x 20" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	378.42	
33 42 11 00-1262	EA			Fabricate 30" (Or 35" x 24" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe).....	496.20	
33 42 11 00-1263	EA			Fabricate 36" (Or 42" x 29" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe).....	591.48	
33 42 11 00-1264	EA			Fabricate 42" (Or 49" x 33" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe).....	688.06	
33 42 11 00-1265	EA			Fabricate 48" (Or 57" x 38" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe).....	893.16	
33 42 11 00-1266	EA			Fabricate 54" (Or 64" x 43" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe).....	1,005.63	
33 42 11 00-1267	EA			Fabricate 60" (Or 71" x 47" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe).....	1,122.07	
33 42 11 00-1268	EA			Fabricate 66" (Or 77" x 52" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe).....	1,241.16	
33 42 11 00-1269	EA			Fabricate 72" (Or 83" x 57" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe).....	1,513.73	
33 42 11 00-1270	EA			Fabricate 78" (Or 87" x 63" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe).....	1,648.72	
33 42 11 00-1271	EA			Fabricate 84" (Or 95" x 67" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe).....	1,786.33	
33 42 11 00-1272	EA			Fabricate 90" (Or 103" x 71" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 18' Of Appropriate Pipe).....	2,197.83	
33 42 11 00-1273	EA			Fabricate 96" (Or 112" x 75" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 18' Of Appropriate Pipe).....	2,355.30	
33 42 11 00-1274	EA			Fabricate 102" (Or 117" x 79" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 20' Of Appropriate Pipe).....	2,512.76	
33 42 11 00-1275	EA			Fabricate 108" (Or 128" x 83" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 20' Of Appropriate Pipe).....	2,671.53	
33 42 11 00-1276	EA			Fabricate 114" (Or 137" x 87" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 21' Of Appropriate Pipe).....	2,830.33	
33 42 11 00-1277	EA			Fabricate 120" (Or 142" x 91" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 21' Of Appropriate Pipe).....	2,987.77	
33 42 11 00-1278	EA			Fabricate 126" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 23' Of Appropriate Pipe).....	3,153.99	
33 42 11 00-1279	EA			Fabricate 132" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 24' Of Appropriate Pipe).....	3,329.45	
33 42 11 00-1280	EA			Fabricate 138" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 24' Of Appropriate Pipe).....	3,514.65	

33 42 11 00-1281
Fabricate Skew Or Bevel Ends, Corrugated Steel Pipe Fitting (33 42 11 00-1224)

Note: Applied to pipe tasks.

33 42 11 00-1282	EA			Fabricate 6" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	41.70	
33 42 11 00-1283	EA			Fabricate 8" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	52.46	
33 42 11 00-1284	EA			Fabricate 10" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	65.99	
33 42 11 00-1285	EA			Fabricate 12" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	80.80	
33 42 11 00-1286	EA			Fabricate 15" (Or 17" x 13" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	102.25	
33 42 11 00-1287	EA			Fabricate 18" (Or 21" x 15" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	125.20	
33 42 11 00-1288	EA			Fabricate 21" (Or 24" x 18" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	146.65	
33 42 11 00-1289	EA			Fabricate 24" (Or 28" x 20" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	170.38	
33 42 11 00-1290	EA			Fabricate 30" (Or 35" x 24" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	209.27	

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 42 11 00-1291	EA	Fabricate 36" (Or 42" x 29" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	249.51	
33 42 11 00-1292	EA	Fabricate 42" (Or 49" x 33" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	297.71	
33 42 11 00-1293	EA	Fabricate 48" (Or 57" x 38" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	366.22	
33 42 11 00-1294	EA	Fabricate 54" (Or 64" x 43" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	414.52	
33 42 11 00-1295	EA	Fabricate 60" (Or 71" x 47" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	466.82	
33 42 11 00-1296	EA	Fabricate 66" (Or 77" x 52" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	566.10	
33 42 11 00-1297	EA	Fabricate 72" (Or 83" x 57" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	627.79	
33 42 11 00-1298	EA	Fabricate 78" (Or 87" x 63" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	765.97	
33 42 11 00-1299	EA	Fabricate 84" (Or 95" x 67" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	834.41	
33 42 11 00-1300	EA	Fabricate 90" (Or 103" x 71" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	906.87	
33 42 11 00-1301	EA	Fabricate 96" (Or 112" x 75" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	977.91	
33 42 11 00-1302	EA	Fabricate 102" (Or 117" x 79" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	1,050.36	
33 42 11 00-1303	EA	Fabricate 108" (Or 128" x 83" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	1,124.12	
33 42 11 00-1304	EA	Fabricate 114" (Or 137" x 87" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	1,196.59	
33 42 11 00-1305	EA	Fabricate 120" (Or 142" x 91" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	1,269.01	
33 42 11 00-1306	EA	Fabricate 126" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	1,345.82	
33 42 11 00-1307	EA	Fabricate 132" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	1,427.26	
33 42 11 00-1308	EA	Fabricate 138" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	1,513.64	

33 42 11 00-1309 Coupling Bands, Corrugated Metal Pipe Fitting (33 42 11 00-1224)

33 42 11 00-1310	EA	6" Coupling Band, Corrugated Metal Pipe Fitting.....	12.14	
		<i>For Bituminous Coated, Add</i>	3.52	
33 42 11 00-1311	EA	8" Coupling Band, Corrugated Metal Pipe Fitting.....	16.11	
		<i>For Bituminous Coated, Add</i>	4.67	
33 42 11 00-1312	EA	10" Coupling Band, Corrugated Metal Pipe Fitting.....	20.30	
		<i>For Bituminous Coated, Add</i>	5.89	
33 42 11 00-1313	EA	12" Coupling Band, Corrugated Metal Pipe Fitting.....	33.69	
		<i>For Bituminous Coated, Add</i>	9.77	
33 42 11 00-1314	EA	15" Coupling Band, Corrugated Metal Pipe Fitting.....	42.48	
		<i>For Bituminous Coated, Add</i>	12.32	
33 42 11 00-1315	EA	18" Coupling Band, Corrugated Metal Pipe Fitting.....	62.33	
		<i>For Bituminous Coated, Add</i>	18.08	
33 42 11 00-1316	EA	21" Coupling Band, Corrugated Metal Pipe Fitting.....	73.98	
		<i>For Bituminous Coated, Add</i>	21.45	
33 42 11 00-1317	EA	24" Coupling Band, Corrugated Metal Pipe Fitting.....	83.88	
		<i>For Bituminous Coated, Add</i>	24.33	
33 42 11 00-1318	EA	30" Coupling Band, Corrugated Metal Pipe Fitting.....	145.17	
		<i>For Bituminous Coated, Add</i>	42.10	
33 42 11 00-1319	EA	36" Coupling Band, Corrugated Metal Pipe Fitting.....	232.26	
		<i>For Bituminous Coated, Add</i>	55.74	
33 42 11 00-1320	EA	42" Coupling Band, Corrugated Metal Pipe Fitting.....	272.89	
		<i>For Bituminous Coated, Add</i>	65.49	
33 42 11 00-1321	EA	48" Coupling Band, Corrugated Metal Pipe Fitting.....	305.78	
		<i>For Bituminous Coated, Add</i>	73.39	
33 42 11 00-1322	EA	54" Coupling Band, Corrugated Metal Pipe Fitting.....	433.65	
		<i>For Bituminous Coated, Add</i>	104.08	
33 42 11 00-1323	EA	60" Coupling Band, Corrugated Metal Pipe Fitting.....	620.25	
		<i>For Bituminous Coated, Add</i>	111.65	
33 42 11 00-1324	EA	66" Coupling Band, Corrugated Metal Pipe Fitting.....	762.28	
		<i>For Bituminous Coated, Add</i>	137.21	
33 42 11 00-1325	EA	72" Coupling Band, Corrugated Metal Pipe Fitting.....	979.19	
		<i>For Bituminous Coated, Add</i>	137.09	
33 42 11 00-1326	EA	78" Coupling Band, Corrugated Metal Pipe Fitting.....	1,047.31	
		<i>For Bituminous Coated, Add</i>	146.62	
33 42 11 00-1327	EA	84" Coupling Band, Corrugated Metal Pipe Fitting.....	1,115.81	
		<i>For Bituminous Coated, Add</i>	156.21	
33 42 11 00-1328	EA	90" Coupling Band, Corrugated Metal Pipe Fitting.....	1,183.97	
		<i>For Bituminous Coated, Add</i>	165.76	
33 42 11 00-1329	EA	96" Coupling Band, Corrugated Metal Pipe Fitting.....	1,252.30	
		<i>For Bituminous Coated, Add</i>	175.32	
33 42 11 00-1330	EA	102" Coupling Band, Corrugated Metal Pipe Fitting.....	1,320.80	
		<i>For Bituminous Coated, Add</i>	184.91	
33 42 11 00-1331	EA	108" Coupling Band, Corrugated Metal Pipe Fitting.....	1,388.99	
		<i>For Bituminous Coated, Add</i>	194.46	
33 42 11 00-1332	EA	114" Coupling Band, Corrugated Metal Pipe Fitting.....	1,645.10	
		<i>For Bituminous Coated, Add</i>	197.41	
33 42 11 00-1333	EA	120" Coupling Band, Corrugated Metal Pipe Fitting.....	1,525.26	
		<i>For Bituminous Coated, Add</i>	183.03	
33 42 11 00-1334	EA	126" Coupling Band, Corrugated Metal Pipe Fitting.....	1,593.24	
		<i>For Bituminous Coated, Add</i>	191.19	
33 42 11 00-1335	EA	132" Coupling Band, Corrugated Metal Pipe Fitting.....	1,661.71	
		<i>For Bituminous Coated, Add</i>	199.41	
33 42 11 00-1336	EA	138" Coupling Band, Corrugated Metal Pipe Fitting.....	1,730.24	
		<i>For Bituminous Coated, Add</i>	207.63	

33 42 11 00-1337 Vitrified Clay Piping (33 42 11)**33 42 11 00-1338 Extra Strength Vitrified Clay Piping** (33 42 11 00-1337)**33 42 11 00-1339 Plain Joint, Extra Strength, Vitrified Clay Piping** (33 42 11 00-1338)

Note: ASTM C700.

33 42 11 00-1340	LF	4" Plain Joint, Extra Strength, Vitrified Clay Pipe	20.61	
		<i>For 3' Lengths, Add</i>	1.80	
		<i>For 2' Lengths, Add</i>	2.40	
		<i>For Standard Strength, Deduct</i>	-0.60	
		<i>For >1,000, Deduct</i>	-1.03	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 42 11 00-1341	LF	6" Plain Joint, Extra Strength, Vitrified Clay Pipe.....		34.23	
		For 3' Lengths, Add		2.79	
		For 2' Lengths, Add		3.72	
		For Standard Strength, Deduct		-0.93	
		For >1,000, Deduct		-1.71	
33 42 11 00-1342	LF	8" Plain Joint, Extra Strength, Vitrified Clay Pipe.....		40.98	
		For 3' Lengths, Add		3.99	
		For 2' Lengths, Add		5.32	
		For Standard Strength, Deduct		-1.33	
		For >1,000, Deduct		-2.05	
33 42 11 00-1343	LF	10" Plain Joint, Extra Strength, Vitrified Clay Pipe.....		49.16	
		For 3' Lengths, Add		6.11	
		For 2' Lengths, Add		8.14	
		For Standard Strength, Deduct		-2.04	
		For >1,000, Deduct		-2.46	
33 42 11 00-1344	LF	12" Plain Joint, Extra Strength, Vitrified Clay Pipe.....		60.16	
		For 3' Lengths, Add		8.62	
		For 2' Lengths, Add		11.50	
		For Standard Strength, Deduct		-2.87	
		For >1,000, Deduct		-3.01	
33 42 11 00-1345	LF	15" Plain Joint, Extra Strength, Vitrified Clay Pipe.....		88.85	
		For 3' Lengths, Add		16.17	
		For 2' Lengths, Add		21.56	
		For Standard Strength, Deduct		-5.39	
		For >1,000, Deduct		-4.44	
33 42 11 00-1346	LF	18" Plain Joint, Extra Strength, Vitrified Clay Pipe.....		120.83	
		For 3' Lengths, Add		23.17	
		For 2' Lengths, Add		30.90	
		For Standard Strength, Deduct		-7.72	
		For >1,000, Deduct		-6.04	
33 42 11 00-1347	LF	21" Plain Joint, Extra Strength, Vitrified Clay Pipe.....		178.72	
		For 3' Lengths, Add		37.13	
		For 2' Lengths, Add		49.50	
		For Standard Strength, Deduct		-12.38	
		For >1,000, Deduct		-8.94	
33 42 11 00-1348	LF	24" Plain Joint, Extra Strength, Vitrified Clay Pipe.....		228.43	
		For 3' Lengths, Add		48.50	
		For 2' Lengths, Add		64.67	
		For Standard Strength, Deduct		-16.17	
		For >1,000, Deduct		-11.42	
33 42 11 00-1349	LF	30" Plain Joint, Extra Strength, Vitrified Clay Pipe.....		282.66	
		For 3' Lengths, Add		60.48	
		For 2' Lengths, Add		80.64	
		For Standard Strength, Deduct		-20.16	
		For >1,000, Deduct		-14.13	
33 42 11 00-1350	LF	36" Plain Joint, Extra Strength, Vitrified Clay Pipe.....		341.93	
		For 3' Lengths, Add		73.05	
		For 2' Lengths, Add		97.40	
		For Standard Strength, Deduct		-24.35	
		For >1,000, Deduct		-17.10	

33 42 11 00-1351 Compression Joint, Extra Strength, Vitrified Clay Piping (33 42 11 00-1338)

Note: ASTM C425.

33 42 11 00-1352	LF	4" Compression Joint, Extra Strength, Vitrified Clay Pipe.....		29.22	
		For 3' Lengths, Add		2.12	
		For 2' Lengths, Add		2.83	
		For Standard Strength, Deduct		-0.71	
		For >1,000, Deduct		-1.46	
33 42 11 00-1353	LF	6" Compression Joint, Extra Strength, Vitrified Clay Pipe.....		36.47	
		For 3' Lengths, Add		3.46	
		For 2' Lengths, Add		4.62	
		For Standard Strength, Deduct		-1.15	
		For >1,000, Deduct		-1.82	
33 42 11 00-1354	LF	8" Compression Joint, Extra Strength, Vitrified Clay Pipe.....		43.98	
		For 3' Lengths, Add		4.89	
		For 2' Lengths, Add		6.52	
		For Standard Strength, Deduct		-1.63	
		For >1,000, Deduct		-2.20	
33 42 11 00-1355	LF	10" Compression Joint, Extra Strength, Vitrified Clay Pipe.....		55.54	
		For 3' Lengths, Add		8.02	
		For 2' Lengths, Add		10.70	
		For Standard Strength, Deduct		-2.67	
		For >1,000, Deduct		-2.78	
33 42 11 00-1356	LF	12" Compression Joint, Extra Strength, Vitrified Clay Pipe.....		66.55	
		For 3' Lengths, Add		10.54	
		For 2' Lengths, Add		14.05	
		For Standard Strength, Deduct		-3.51	
		For >1,000, Deduct		-3.33	
33 42 11 00-1357	LF	15" Compression Joint, Extra Strength, Vitrified Clay Pipe.....		99.03	
		For 3' Lengths, Add		19.22	
		For 2' Lengths, Add		25.63	
		For Standard Strength, Deduct		-6.41	
		For >1,000, Deduct		-4.95	
33 42 11 00-1358	LF	18" Compression Joint, Extra Strength, Vitrified Clay Pipe.....		137.40	
		For 3' Lengths, Add		28.14	
		For 2' Lengths, Add		37.52	
		For Standard Strength, Deduct		-9.38	
		For >1,000, Deduct		-6.87	

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 42 11 00-1359	LF	21" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	197.68	
		<i>For 3' Lengths, Add</i>	42.81	
		<i>For 2' Lengths, Add</i>	57.08	
		<i>For Standard Strength, Deduct</i>	-14.27	
		<i>For >1,000, Deduct</i>	-9.88	
33 42 11 00-1360	LF	24" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	258.37	
		<i>For 3' Lengths, Add</i>	57.48	
		<i>For 2' Lengths, Add</i>	76.64	
		<i>For Standard Strength, Deduct</i>	-19.16	
		<i>For >1,000, Deduct</i>	-12.92	
33 42 11 00-1361	LF	30" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	414.39	
		<i>For 3' Lengths, Add</i>	100.00	
		<i>For 2' Lengths, Add</i>	133.33	
		<i>For Standard Strength, Deduct</i>	-33.33	
		<i>For >1,000, Deduct</i>	-20.72	
33 42 11 00-1362	LF	36" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	589.42	
		<i>For 3' Lengths, Add</i>	147.30	
		<i>For 2' Lengths, Add</i>	196.40	
		<i>For Standard Strength, Deduct</i>	-49.10	
		<i>For >1,000, Deduct</i>	-29.47	
33 42 11 00-1363		Extra Strength, Vitrified Clay Pipe Fittings (33 42 11 00-1337)		
33 42 11 00-1364		1/8 Bends, Extra Strength, Vitrified Clay (33 42 11 00-1363)		
33 42 11 00-1365		Plain End 1/8 Bend, Extra Strength, Vitrified Clay (33 42 11 00-1364)		
33 42 11 00-1366	EA	4" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	86.60	
33 42 11 00-1367	EA	6" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	117.07	
33 42 11 00-1368	EA	8" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	167.61	
33 42 11 00-1369	EA	10" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	230.57	
33 42 11 00-1370	EA	12" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	304.95	
33 42 11 00-1371	EA	15" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	730.56	
33 42 11 00-1372	EA	18" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	1,030.72	
33 42 11 00-1373	EA	21" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	1,608.91	
33 42 11 00-1374	EA	24" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	1,856.74	
33 42 11 00-1375	EA	30" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	2,155.79	
33 42 11 00-1376	EA	36" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	3,235.93	
33 42 11 00-1377		Compression Joint 1/8 Bends, Extra Strength, Vitrified Clay (33 42 11 00-1364)		
33 42 11 00-1378	EA	4" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	97.84	
33 42 11 00-1379	EA	6" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	139.34	
33 42 11 00-1380	EA	8" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	189.01	
33 42 11 00-1381	EA	10" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	253.50	
33 42 11 00-1382	EA	12" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	322.03	
33 42 11 00-1383	EA	15" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	819.38	
33 42 11 00-1384	EA	18" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	1,192.51	
33 42 11 00-1385	EA	21" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	1,225.31	
33 42 11 00-1386	EA	24" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	2,378.08	
33 42 11 00-1387	EA	30" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	2,647.87	
33 42 11 00-1388	EA	36" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	3,934.26	
33 42 11 00-1389		1/4 Bends, Extra Strength, Vitrified Clay (33 42 11 00-1363)		
33 42 11 00-1390		Plain End 1/4 Bends, Extra Strength, Vitrified Clay (33 42 11 00-1389)		
33 42 11 00-1391	EA	4" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	101.23	
33 42 11 00-1392	EA	6" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	134.68	
33 42 11 00-1393	EA	8" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	188.21	
33 42 11 00-1394	EA	10" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	252.89	
33 42 11 00-1395	EA	12" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	330.08	
33 42 11 00-1396	EA	15" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	758.51	
33 42 11 00-1397	EA	18" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	1,065.59	
33 42 11 00-1398	EA	21" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	1,652.90	
33 42 11 00-1399	EA	24" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	1,910.14	
33 42 11 00-1400	EA	30" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	2,222.39	
33 42 11 00-1401	EA	36" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	3,309.96	
33 42 11 00-1402		Compression Joint 1/4 Bends, Extra Strength, Vitrified Clay (33 42 11 00-1389)		
33 42 11 00-1403	EA	4" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	115.38	
33 42 11 00-1404	EA	6" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	160.49	
33 42 11 00-1405	EA	8" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	213.74	
33 42 11 00-1406	EA	10" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	280.27	
33 42 11 00-1407	EA	12" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	352.19	
33 42 11 00-1408	EA	15" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	852.93	
33 42 11 00-1409	EA	18" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	1,234.36	
33 42 11 00-1410	EA	21" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	2,396.94	
33 42 11 00-1411	EA	24" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	2,442.17	
33 42 11 00-1412	EA	30" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	2,727.79	
33 42 11 00-1413	EA	36" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	4,023.10	
33 42 11 00-1414		Wyes Or Tees, Extra Strength, Vitrified Clay (33 42 11 00-1363)		
33 42 11 00-1415		Plain End Wyes Or Tees, Extra Strength, Vitrified Clay (33 42 11 00-1414)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 42 11 00-1416	EA	4" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	111.09	
33 42 11 00-1417	EA	6" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	145.14	
33 42 11 00-1418	EA	8" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	197.48	
33 42 11 00-1419	EA	10" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	261.11	
33 42 11 00-1420	EA	12" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	330.36	
33 42 11 00-1421	EA	15" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	765.67	
33 42 11 00-1422	EA	18" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	1,071.84	
33 42 11 00-1423	EA	21" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	1,549.19	
33 42 11 00-1424	EA	24" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	2,156.48	
33 42 11 00-1425	EA	30" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	2,281.49	
33 42 11 00-1426	EA	36" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	3,283.07	

33 42 11 00-1427 Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay (33 42 11 00-1414)

33 42 11 00-1428	EA	4" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	135.74	
33 42 11 00-1429	EA	6" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	186.36	
33 42 11 00-1430	EA	8" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	245.64	
33 42 11 00-1431	EA	10" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	317.86	
33 42 11 00-1432	EA	12" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	396.82	
33 42 11 00-1433	EA	15" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	931.41	
33 42 11 00-1434	EA	18" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	1,342.89	
33 42 11 00-1435	EA	21" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	1,994.46	
33 42 11 00-1436	EA	24" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	2,642.87	
33 42 11 00-1437	EA	30" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	3,056.63	
33 42 11 00-1438	EA	36" Compression Joint, Extra Strength, Vitrified Clay Wye Or Tee	4,341.18	

33 42 11 00-1439 Vitrified Clay Couplings (33 42 11 00-1337)

33 42 11 00-1440 Vitrified Clay To Cast Iron Or Plastic Pipe Couplings (33 42 11 00-1439)

Note: Stainless steel tightening band at each end (Ferno #1002)

33 42 11 00-1441	EA	4" x 3" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	45.60	
33 42 11 00-1442	EA	4" x 4" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	45.05	
33 42 11 00-1443	EA	5" x 4" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	65.40	
33 42 11 00-1444	EA	5" x 5" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	60.97	
33 42 11 00-1445	EA	6" x 4" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	81.72	
33 42 11 00-1446	EA	6" x 5" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	85.57	
33 42 11 00-1447	EA	6" x 6" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	77.06	
33 42 11 00-1448	EA	8" x 6" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	116.74	
33 42 11 00-1449	EA	8" x 8" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	107.01	
33 42 11 00-1450	EA	10" x 8" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	155.95	
33 42 11 00-1451	EA	10" x 10" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	140.92	
33 42 11 00-1452	EA	12" x 10" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	196.31	
33 42 11 00-1453	EA	12" x 12" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	161.79	
33 42 11 00-1454	EA	15" x 12" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	341.31	
33 42 11 00-1455	EA	15" x 15" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	259.05	

33 42 11 00-1456 Vitrified Clay To Vitrified Clay Pipe Non-Shear Couplings (33 42 11 00-1439)

Note: Stainless steel tightening band at each end. (NDS Non-shear)

33 42 11 00-1457	EA	4" x 4" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling	71.06	
33 42 11 00-1458	EA	6" x 4" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling	94.69	
33 42 11 00-1459	EA	6" x 6" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling	100.15	
33 42 11 00-1460	EA	8" x 8" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling	104.98	
33 42 11 00-1461	EA	10" x 10" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling	129.69	
33 42 11 00-1462	EA	12" x 12" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling	150.53	

33 42 11 00-1463 Vitrified Clay To Plastic Pipe Non-Shear Couplings (33 42 11 00-1439)

Note: Stainless steel tightening band at each end. (NDS Non-shear)

33 42 11 00-1464	EA	4" x 4" Vitrified Clay To Plastic Pipe Non-Shear Coupling	72.89	
33 42 11 00-1465	EA	6" x 4" Vitrified Clay To Plastic Pipe Non-Shear Coupling	96.52	
33 42 11 00-1466	EA	6" x 6" Vitrified Clay To Plastic Pipe Non-Shear Coupling	88.37	
33 42 11 00-1467	EA	8" x 8" Vitrified Clay To Plastic Pipe Non-Shear Coupling	115.94	
33 42 11 00-1468	EA	10" x 10" Vitrified Clay To Plastic Pipe Non-Shear Coupling	168.05	
33 42 11 00-1469	EA	12" x 12" Vitrified Clay To Plastic Pipe Non-Shear Coupling	189.91	

33 42 13 Stormwater Culverts (33 42)

33 42 13 13 Precast Concrete Stormwater Culverts (33 42 13)

33 42 13 13-0001 Precast Reinforced Concrete Box Culvert (33 42 13 13)

Note: The quantity required shall be the entire length of the culvert including the length of the cut-off sections. Includes delivery, handling, hoisting into place, alignment, bracing, permanent connections, grouting of joints and caulking of joints. Excludes crane, excavation and backfill. Minimum length 6'-0". See CSI section 01 22 23 00-0800 for crane lifting equipment.

33 42 13 13-0002	LF	3' x 3' Precast Reinforced Concrete Box Culvert	408.25		50.27
		For Each LF Of Cut-Off Section, Add	16.33		
33 42 13 13-0003	LF	4' x 2' Precast Reinforced Concrete Box Culvert	460.50		50.27
		For Each LF Of Cut-Off Section, Add	18.42		
33 42 13 13-0004	LF	4' x 3' Precast Reinforced Concrete Box Culvert	544.90		50.27
		For Each LF Of Cut-Off Section, Add	21.80		
33 42 13 13-0005	LF	5' x 3' Precast Reinforced Concrete Box Culvert	653.99		62.84
		For Each LF Of Cut-Off Section, Add	26.16		
33 42 13 13-0006	LF	5' x 4' Precast Reinforced Concrete Box Culvert	670.06		62.84
		For Each LF Of Cut-Off Section, Add	26.80		

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 42 13 13-0007	LF 5' x 5' Precast Reinforced Concrete Box Culvert	678.10	62.84
	<i>For Each LF Of Cut-Off Section, Add</i>	27.12	
33 42 13 13-0008	LF 6' x 3' Precast Reinforced Concrete Box Culvert	699.13	65.35
	<i>For Each LF Of Cut-Off Section, Add</i>	27.97	
33 42 13 13-0009	LF 6' x 4' Precast Reinforced Concrete Box Culvert	703.15	65.35
	<i>For Each LF Of Cut-Off Section, Add</i>	28.13	
33 42 13 13-0010	LF 6' x 6' Precast Reinforced Concrete Box Culvert	775.49	65.35
	<i>For Each LF Of Cut-Off Section, Add</i>	31.02	
33 42 13 13-0011	LF 7' x 4' Precast Reinforced Concrete Box Culvert	795.25	75.41
	<i>For Each LF Of Cut-Off Section, Add</i>	31.81	
33 42 13 13-0012	LF 7' x 6' Precast Reinforced Concrete Box Culvert	848.59	102.56
	<i>For Each LF Of Cut-Off Section, Add</i>	33.94	
33 42 13 13-0013	LF 8' x 2' Precast Reinforced Concrete Box Culvert	779.51	65.35
	<i>For Each LF Of Cut-Off Section, Add</i>	31.18	
33 42 13 13-0014	LF 8' x 3' Precast Reinforced Concrete Box Culvert	799.27	75.41
	<i>For Each LF Of Cut-Off Section, Add</i>	31.97	
33 42 13 13-0015	LF 8' x 4' Precast Reinforced Concrete Box Culvert	811.33	75.41
	<i>For Each LF Of Cut-Off Section, Add</i>	32.45	
33 42 13 13-0016	LF 8' x 5' Precast Reinforced Concrete Box Culvert	978.07	100.55
	<i>For Each LF Of Cut-Off Section, Add</i>	39.12	
33 42 13 13-0017	LF 8' x 6' Precast Reinforced Concrete Box Culvert	981.28	100.55
	<i>For Each LF Of Cut-Off Section, Add</i>	39.25	
33 42 13 13-0018	LF 8' x 8' Precast Reinforced Concrete Box Culvert	1,084.54	125.68
	<i>For Each LF Of Cut-Off Section, Add</i>	43.38	
33 42 13 13-0019	LF 9' x 4' Precast Reinforced Concrete Box Culvert	1,081.76	100.55
	<i>For Each LF Of Cut-Off Section, Add</i>	43.27	
33 42 13 13-0020	LF 9' x 6' Precast Reinforced Concrete Box Culvert	1,143.22	125.68
	<i>For Each LF Of Cut-Off Section, Add</i>	45.73	
33 42 13 13-0021	LF 10' x 3' Precast Reinforced Concrete Box Culvert	1,147.24	125.68
	<i>For Each LF Of Cut-Off Section, Add</i>	45.89	
33 42 13 13-0022	LF 10' x 4' Precast Reinforced Concrete Box Culvert	1,396.41	125.68
	<i>For Each LF Of Cut-Off Section, Add</i>	55.86	
33 42 13 13-0023	LF 10' x 5' Precast Reinforced Concrete Box Culvert	1,461.87	150.82
	<i>For Each LF Of Cut-Off Section, Add</i>	58.47	
33 42 13 13-0024	LF 10' x 6' Precast Reinforced Concrete Box Culvert	1,477.95	150.82
	<i>For Each LF Of Cut-Off Section, Add</i>	59.12	
33 42 13 13-0025	LF 10' x 7' Precast Reinforced Concrete Box Culvert	1,481.96	150.82
	<i>For Each LF Of Cut-Off Section, Add</i>	59.28	
33 42 13 13-0026	LF 10' x 8' Precast Reinforced Concrete Box Culvert	1,487.59	150.82
	<i>For Each LF Of Cut-Off Section, Add</i>	59.50	
33 42 13 13-0027	LF 12' x 3' Precast Reinforced Concrete Box Culvert	1,543.42	175.96
	<i>For Each LF Of Cut-Off Section, Add</i>	61.74	
33 42 13 13-0028	LF 12' x 4' Precast Reinforced Concrete Box Culvert	1,543.42	175.96
	<i>For Each LF Of Cut-Off Section, Add</i>	61.74	
33 42 13 13-0029	LF 12' x 6' Precast Reinforced Concrete Box Culvert	1,543.42	175.96
	<i>For Each LF Of Cut-Off Section, Add</i>	61.74	
33 42 13 13-0030	LF 12' x 8' Precast Reinforced Concrete Box Culvert	1,543.42	175.96
	<i>For Each LF Of Cut-Off Section, Add</i>	61.74	
33 42 13 13-0031	LF 16' x 10' Precast Reinforced Concrete Box Culvert	2,251.93	201.09
	<i>For Each LF Of Cut-Off Section, Add</i>	90.08	
33 42 13 13-0032	LF 24' x 10' Precast Reinforced Concrete Box Culvert	3,136.11	201.09
	<i>For Each LF Of Cut-Off Section, Add</i>	125.44	

33 42 13 13-0033 Precast Reinforced Concrete Box Culvert For Roadways (33 42 13 13)

Note: AASHTO HL-93 Rated. The quantity required shall be the entire length of the culvert including the length of the cut-off sections. Includes delivery, handling, hoisting into place, alignment, bracing, permanent connections, grouting of joints and caulking of joints. Excludes crane, excavation and backfill. Minimum length 6'-0". See CSI section 01 22 23 00-0800 for crane lifting equipment.

33 42 13 13-0034	LF 3' x 3' Precast Reinforced Concrete Box Culvert For Roadways	1,023.56	50.27
	<i>For Each LF Of Cut-Off Section, Add</i>	40.94	
33 42 13 13-0035	LF 4' x 2' Precast Reinforced Concrete Box Culvert For Roadways	1,100.77	50.27
	<i>For Each LF Of Cut-Off Section, Add</i>	44.03	
33 42 13 13-0036	LF 4' x 3' Precast Reinforced Concrete Box Culvert For Roadways	1,237.40	50.27
	<i>For Each LF Of Cut-Off Section, Add</i>	49.50	
33 42 13 13-0037	LF 5' x 3' Precast Reinforced Concrete Box Culvert For Roadways	1,398.70	62.84
	<i>For Each LF Of Cut-Off Section, Add</i>	55.95	
33 42 13 13-0038	LF 5' x 4' Precast Reinforced Concrete Box Culvert For Roadways	1,535.34	62.84
	<i>For Each LF Of Cut-Off Section, Add</i>	61.41	
33 42 13 13-0039	LF 5' x 5' Precast Reinforced Concrete Box Culvert For Roadways	1,671.98	62.84
	<i>For Each LF Of Cut-Off Section, Add</i>	66.88	
33 42 13 13-0040	LF 6' x 3' Precast Reinforced Concrete Box Culvert For Roadways	1,540.29	65.35
	<i>For Each LF Of Cut-Off Section, Add</i>	61.61	
33 42 13 13-0041	LF 6' x 4' Precast Reinforced Concrete Box Culvert For Roadways	1,676.93	65.35
	<i>For Each LF Of Cut-Off Section, Add</i>	67.08	
33 42 13 13-0042	LF 6' x 6' Precast Reinforced Concrete Box Culvert For Roadways	1,950.20	65.35
	<i>For Each LF Of Cut-Off Section, Add</i>	78.01	
33 42 13 13-0043	LF 7' x 4' Precast Reinforced Concrete Box Culvert For Roadways	1,833.32	75.41
	<i>For Each LF Of Cut-Off Section, Add</i>	73.33	
33 42 13 13-0044	LF 7' x 6' Precast Reinforced Concrete Box Culvert For Roadways	2,159.91	102.56
	<i>For Each LF Of Cut-Off Section, Add</i>	86.40	
33 42 13 13-0045	LF 8' x 2' Precast Reinforced Concrete Box Culvert For Roadways	1,676.93	65.35
	<i>For Each LF Of Cut-Off Section, Add</i>	67.08	
33 42 13 13-0046	LF 8' x 3' Precast Reinforced Concrete Box Culvert For Roadways	1,833.32	75.41
	<i>For Each LF Of Cut-Off Section, Add</i>	73.33	
33 42 13 13-0047	LF 8' x 4' Precast Reinforced Concrete Box Culvert For Roadways	1,969.96	75.41
	<i>For Each LF Of Cut-Off Section, Add</i>	78.80	
33 42 13 13-0048	LF 8' x 5' Precast Reinforced Concrete Box Culvert For Roadways	2,155.96	100.55
	<i>For Each LF Of Cut-Off Section, Add</i>	86.24	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 13 13-0049	LF			8' x 6' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	2,292.60 91.70	100.55
33 42 13 13-0050	LF			8' x 8' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	2,615.27 104.61	125.68
33 42 13 13-0051	LF			9' x 4' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	2,314.96 92.60	100.55
33 42 13 13-0052	LF			9' x 6' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	2,656.39 106.26	125.68
33 42 13 13-0053	LF			10' x 3' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	2,626.66 105.07	125.68
33 42 13 13-0054	LF			10' x 4' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	2,788.91 111.56	125.68
33 42 13 13-0055	LF			10' x 5' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	3,000.53 120.02	150.82
33 42 13 13-0056	LF			10' x 6' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	3,162.78 126.51	150.82
33 42 13 13-0057	LF			10' x 7' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	3,325.05 133.00	150.82
33 42 13 13-0058	LF			10' x 8' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	3,487.29 139.49	150.82
33 42 13 13-0059	LF			12' x 3' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	3,481.48 139.26	175.96
33 42 13 13-0060	LF			12' x 4' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	3,665.90 146.64	175.96
33 42 13 13-0061	LF			12' x 6' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	3,014.82 161.39	175.96
33 42 13 13-0062	LF			12' x 8' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	4,403.73 176.15	175.96
33 42 13 13-0063	LF			16' x 10' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	5,272.91 210.92	201.09
33 42 13 13-0064	LF			24' x 10' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	6,666.56 266.66	201.09

33 42 23 Headwalls and Endwalls for Stormwater Piping (33 42)

33 42 23 00-0001 Headwalls (33 42 23)

Note: Excludes excavation and backfill. Select pipe with closest opening area for square or round culverts.

33 42 23 00-0002 Cast In Place Concrete Headwalls (33 42 23 00-0001)

Note: Includes concrete, forms, rebar (where required), finish and curing.

33 42 23 00-0003 Skewed Wingwall, Cast In Place Concrete Headwall (33 42 23 00-0002)

Note: Sized by pipe diameter.

33 42 23 00-0004	EA	12" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	1,535.11	649.76
33 42 23 00-0005	EA	15" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	1,930.69	693.07
33 42 23 00-0006	EA	18" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	2,528.67	907.83
33 42 23 00-0007	EA	24" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	3,977.83	1,299.51
33 42 23 00-0008	EA	30" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	5,539.90	1,732.69
33 42 23 00-0009	EA	36" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	6,601.41	2,283.87
33 42 23 00-0010	EA	42" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	9,034.23	3,150.30
33 42 23 00-0011	EA	48" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	10,746.34	3,712.85
33 42 23 00-0012	EA	54" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	12,919.85	4,520.09
33 42 23 00-0013	EA	60" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	15,484.18	5,471.63

33 42 23 00-0014 Precast Concrete Headwalls (33 42 23 00-0001)

33 42 23 00-0015	EA	12" Pipe, Precast Concrete Headwall	893.44	168.00
33 42 23 00-0016	EA	15" Pipe, Precast Concrete Headwall	921.44	177.33
33 42 23 00-0017	EA	18" Pipe, Precast Concrete Headwall	1,013.04	201.59
33 42 23 00-0018	EA	24" Pipe, Precast Concrete Headwall	1,121.02	214.66
33 42 23 00-0019	EA	30" Pipe, Precast Concrete Headwall	1,523.17	251.99
33 42 23 00-0020	EA	36" Pipe, Precast Concrete Headwall	1,706.36	261.33
33 42 23 00-0021	EA	42" Pipe, Precast Concrete Headwall	2,262.02	310.28
33 42 23 00-0022	EA	48" Pipe, Precast Concrete Headwall	2,502.08	341.85
33 42 23 00-0023	EA	54" Pipe, Precast Concrete Headwall	2,765.10	361.96
33 42 23 00-0024	EA	60" Pipe, Precast Concrete Headwall	3,144.54	361.96
33 42 23 00-0025	EA	72" Pipe, Precast Concrete Headwall	3,822.98	452.45
33 42 23 00-0026	EA	84" Pipe, Precast Concrete Headwall	5,452.96	542.93

33 42 23 00-0027 Precast Concrete Wingwalls (33 42 23 00-0001)

33 42 23 00-0028	EA	18" ID Pipe (26" Hole) Precast Concrete Wingwall Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	5,523.07	1,791.70
33 42 23 00-0029	EA	24" ID Pipe (32" Hole) Precast Concrete Wingwall Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	5,824.71	1,990.77
33 42 23 00-0030	EA	30" ID Pipe (42" Hole) Precast Concrete Wingwall Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	6,327.43	2,322.58
33 42 23 00-0031	EA	33" ID Pipe (46" Hole) Precast Concrete Wingwall Note: 12" thick wall and base. Wingwalls are configured at zero degrees only off centerline of pipe.	6,830.15	2,654.37
33 42 23 00-0032	EA	36" ID Pipe (50" Hole) Precast Concrete Wingwall Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	6,830.15	2,654.37
33 42 23 00-0033	EA	44" ID Pipe (58" Hole) Precast Concrete Wingwall Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	7,031.24	2,787.08
33 42 23 00-0034	EA	48" ID Pipe (62" Hole) Precast Concrete Wingwall Note: 12" thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	12,690.11	2,853.44
33 42 23 00-0035	EA	52" ID Pipe (66" Hole) Precast Concrete Wingwall Note: 12" thick wall and base. Wingwalls are configured at zero degrees only off centerline of pipe.	12,991.75	3,052.52

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
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 UNIT COST UNIT COST

33 42 23 00-0036	Precast Concrete Transverse Drainage Interceptor <small>(33 42 23 00-0001)</small>		
33 42 23 00-0037	EA 34" x 48" x 28" Precast Concrete Transverse Drainage Interceptor With Frame And Grate.....	3,578.52	703.81

33 42 26 End Sections for Stormwater Piping (33 42)**33 42 26 16 Corrugated Metal End Sections for Stormwater Piping (33 42 26)**

33 42 26 16-0001	Corrugated Metal Pipe End Sections <small>(33 42 26 16)</small>		
33 42 26 16-0002	Galvanized Corrugated Steel Pipe End Sections <small>(33 42 26 16-0001)</small>		
33 42 26 16-0003	Type 1 Galvanized Corrugated Steel Pipe End Sections <small>(33 42 26 16-0002)</small>		
	Note: Used with annular corrugations, no band required. Consists of a 12 gauge steel strap with a 6" bolt and nut.		
33 42 26 16-0004	EA 12" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section.....	253.65	65.33
33 42 26 16-0005	EA 15" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section.....	293.81	70.00
33 42 26 16-0006	EA 18" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section.....	342.35	74.66
33 42 26 16-0007	EA 21" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section.....	413.76	81.66
33 42 26 16-0008	EA 24" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section.....	458.18	88.66

33 42 26 16-0009 Type 2 Galvanized Corrugated Steel Pipe End Sections (33 42 26 16-0002)

Note: Partial circumferential rod with two hinge type lugs used with annular corrugations. No band required.

33 42 26 16-0010	EA 30" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section.....	734.66	100.34
33 42 26 16-0011	EA 36" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section.....	955.85	120.65
33 42 26 16-0012	EA 42" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section.....	1,460.95	140.76
33 42 26 16-0013	EA 48" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section.....	1,783.42	160.87
33 42 26 16-0014	EA 54" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section.....	2,125.61	201.09
33 42 26 16-0015	EA 60" 10 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section.....	2,483.14	241.31

33 42 26 16-0016 Type 3 Or 5 Galvanized Corrugated Steel Pipe End Sections (33 42 26 16-0002)

Note: Stubbed with 1' of pipe (excluded in price). Used with all pipe having annular end corrugations.

33 42 26 16-0017	EA 12" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	264.64	65.33
33 42 26 16-0018	EA 15" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	305.11	70.00
33 42 26 16-0019	EA 18" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	359.72	74.66
33 42 26 16-0020	EA 21" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	434.62	81.66
33 42 26 16-0021	EA 24" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	481.82	88.66
33 42 26 16-0022	EA 30" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	807.28	100.34
33 42 26 16-0023	EA 36" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	1,045.02	120.65
33 42 26 16-0024	EA 42" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	1,657.85	140.76
33 42 26 16-0025	EA 48" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	2,037.52	160.87
33 42 26 16-0026	EA 54" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	2,382.56	201.09
33 42 26 16-0027	EA 60" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	3,296.97	241.31
33 42 26 16-0028	EA 66" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	3,752.75	361.96
33 42 26 16-0029	EA 72" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	4,398.84	482.61
33 42 26 16-0030	EA 78" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	4,790.54	517.81
33 42 26 16-0031	EA 84" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	5,191.65	552.99

33 42 26 16-0032 Toe Plate Extensions For Galvanized Corrugated Steel Pipe End Section (33 42 26 16-0002)

33 42 26 16-0033	EA Toe Plate Extension For 12" Diameter Galvanized Corrugated Steel Pipe End Section.....	32.63	
33 42 26 16-0034	EA Toe Plate Extension For 15" Diameter Galvanized Corrugated Steel Pipe End Section.....	36.35	
33 42 26 16-0035	EA Toe Plate Extension For 18" Diameter Galvanized Corrugated Steel Pipe End Section.....	40.90	
33 42 26 16-0036	EA Toe Plate Extension For 21" Diameter Galvanized Corrugated Steel Pipe End Section.....	44.47	
33 42 26 16-0037	EA Toe Plate Extension For 24" Diameter Galvanized Corrugated Steel Pipe End Section.....	49.76	
33 42 26 16-0038	EA Toe Plate Extension For 30" Diameter Galvanized Corrugated Steel Pipe End Section.....	86.75	
33 42 26 16-0039	EA Toe Plate Extension For 36" Diameter Galvanized Corrugated Steel Pipe End Section.....	93.36	
33 42 26 16-0040	EA Toe Plate Extension For 42" Diameter Galvanized Corrugated Steel Pipe End Section.....	127.70	
33 42 26 16-0041	EA Toe Plate Extension For 48" Diameter Galvanized Corrugated Steel Pipe End Section.....	136.74	
33 42 26 16-0042	EA Toe Plate Extension For 54" Diameter Galvanized Corrugated Steel Pipe End Section.....	166.91	
33 42 26 16-0043	EA Toe Plate Extension For 60" Diameter Galvanized Corrugated Steel Pipe End Section.....	171.05	
33 42 26 16-0044	EA Toe Plate Extension For 66" Diameter Galvanized Corrugated Steel Pipe End Section.....	182.74	
33 42 26 16-0045	EA Toe Plate Extension For 72" Diameter Galvanized Corrugated Steel Pipe End Section.....	208.31	
33 42 26 16-0046	EA Toe Plate Extension For 78" Diameter Galvanized Corrugated Steel Pipe End Section.....	232.97	
33 42 26 16-0047	EA 84" Diameter Galvanized Corrugated Steel Pipe End Section Toe Plate Extension.....	238.79	

33 42 26 16-0048 Galvanized Corrugated Steel Pipe-Arch End Sections (33 42 26 16-0001)**33 42 26 16-0049 Type 1 Galvanized Corrugated Steel Pipe-Arch End Sections (33 42 26 16-0048)**

Note: Used with annular corrugations, no band required. Consists of a 12 gauge steel strap with a 6" bolt and nut.

33 42 26 16-0050	EA 17" x 13" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section.....	293.81	70.00
33 42 26 16-0051	EA 21" x 15" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section.....	342.35	74.66
33 42 26 16-0052	EA 24" x 18" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section.....	413.76	81.66
33 42 26 16-0053	EA 28" x 20" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section.....	458.18	88.66

33 42 26 16-0054 Type 2 Galvanized Corrugated Steel Pipe-Arch End Sections (33 42 26 16-0048)

Note: Partial circumferential rod with two hinge type lugs used with annular corrugations. No band required.

33 42 26 16-0055	EA 17" x 13" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section.....	284.32	70.00
33 42 26 16-0056	EA 21" x 15" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section.....	324.81	74.66
33 42 26 16-0057	EA 24" x 18" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section.....	363.54	81.66
33 42 26 16-0058	EA 28" x 20" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section.....	410.22	88.66

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 42 26 16-0059	EA		35" x 24" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	597.93	100.34
33 42 26 16-0060	EA		42" x 29" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	872.69	120.65
33 42 26 16-0061	EA		49" x 33" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	1,352.86	140.76
33 42 26 16-0062	EA		57" x 38" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	1,711.40	160.87

33 42 26 16-0063 Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Sections (33 42 26 16-0048)

Note: Stubbed with 1' of pipe (excluded in price). Used with all pipe having annular end corrugations.

33 42 26 16-0064	EA		17" x 13" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	289.13	70.00
33 42 26 16-0065	EA		21" x 15" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	335.27	74.66
33 42 26 16-0066	EA		24" x 18" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	379.89	81.66
33 42 26 16-0067	EA		28" x 20" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	429.61	88.66
33 42 26 16-0068	EA		35" x 24" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	630.89	100.34
33 42 26 16-0069	EA		42" x 29" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	917.65	120.65
33 42 26 16-0070	EA		49" x 33" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	1,424.78	140.76
33 42 26 16-0071	EA		57" x 38" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	1,794.17	160.87
33 42 26 16-0072	EA		64" x 43" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	2,159.62	201.09
33 42 26 16-0073	EA		71" x 47" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	2,836.24	241.31
33 42 26 16-0074	EA		77" x 52" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	3,961.60	361.96
33 42 26 16-0075	EA		83" x 57" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	4,396.07	482.61

33 42 26 16-0076 Toe Plate Extensions For Galvanized Corrugated Steel Pipe-Arch End Section (33 42 26 16-0048)

33 42 26 16-0077	EA		Toe Plate Extension For 17" x 13" Galvanized Corrugated Steel Pipe-Arch End Section	36.35	
33 42 26 16-0078	EA		Toe Plate Extension For 21" x 15" Galvanized Corrugated Steel Pipe-Arch End Section	40.90	
33 42 26 16-0079	EA		Toe Plate Extension For 24" x 18" Galvanized Corrugated Steel Pipe-Arch End Section	44.47	
33 42 26 16-0080	EA		Toe Plate Extension For 28" x 20" Galvanized Corrugated Steel Pipe-Arch End Section	49.76	
33 42 26 16-0081	EA		Toe Plate Extension For 35" x 24" Galvanized Corrugated Steel Pipe-Arch End Section	86.75	
33 42 26 16-0082	EA		Toe Plate Extension For 42" x 29" Galvanized Corrugated Steel Pipe-Arch End Section	93.36	
33 42 26 16-0083	EA		Toe Plate Extension For 49" x 33" Galvanized Corrugated Steel Pipe-Arch End Section	127.70	
33 42 26 16-0084	EA		Toe Plate Extension For 57" x 38" Galvanized Corrugated Steel Pipe-Arch End Section	142.18	
33 42 26 16-0085	EA		Toe Plate Extension For 64" x 43" Galvanized Corrugated Steel Pipe-Arch End Section	166.91	
33 42 26 16-0086	EA		Toe Plate Extension For 71" x 47" Galvanized Corrugated Steel Pipe-Arch End Section	173.22	
33 42 26 16-0087	EA		Toe Plate Extension For 77" x 52" Galvanized Corrugated Steel Pipe-Arch End Section	200.39	
33 42 26 16-0088	EA		Toe Plate Extension For 83" x 57" Galvanized Corrugated Steel Pipe-Arch End Section	227.74	

33 42 26 16-0089 Corrugated Aluminum Pipe End Sections (33 42 26 16-0001)

33 42 26 16-0090 Corrugated Aluminum Pipe End Sections (33 42 26 16-0089)

33 42 26 16-0091	EA		12" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	381.36	65.33
33 42 26 16-0092	EA		15" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	439.21	70.00
33 42 26 16-0093	EA		18" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	520.30	74.66
33 42 26 16-0094	EA		21" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	644.45	81.66
33 42 26 16-0095	EA		24" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section	840.77	88.66
33 42 26 16-0096	EA		30" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section	1,259.13	100.34
33 42 26 16-0097	EA		36" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section	1,713.79	120.65
33 42 26 16-0098	EA		36" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	2,131.61	120.65
33 42 26 16-0099	EA		42" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	2,717.97	140.76
33 42 26 16-0100	EA		48" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	3,876.98	160.87
33 42 26 16-0101	EA		54" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	4,295.80	201.09
33 42 26 16-0102	EA		60" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	5,788.29	241.31
33 42 26 16-0103	EA		66" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	6,561.41	361.96
33 42 26 16-0104	EA		72" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	7,677.90	482.61
33 42 26 16-0105	EA		78" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	8,385.02	517.81
33 42 26 16-0106	EA		84" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	8,848.12	552.99
33 42 26 16-0107	EA		90" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	12,095.98	603.27
33 42 26 16-0108	EA		96" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	13,389.89	653.54

33 42 26 16-0109 Toe Plate Extensions For Corrugated Aluminum Pipe End Section (33 42 26 16-0089)

33 42 26 16-0110	EA		Toe Plate Extension For 12" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	59.69	
33 42 26 16-0111	EA		Toe Plate Extension For 15" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	63.28	
33 42 26 16-0112	EA		Toe Plate Extension For 18" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	68.66	
33 42 26 16-0113	EA		Toe Plate Extension For 21" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	77.29	
33 42 26 16-0114	EA		Toe Plate Extension For 24" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section	82.00	
33 42 26 16-0115	EA		Toe Plate Extension For 30" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section	106.21	
33 42 26 16-0116	EA		Toe Plate Extension For 36" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section	127.49	
33 42 26 16-0117	EA		Toe Plate Extension For 36" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	134.47	
33 42 26 16-0118	EA		Toe Plate Extension For 42" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	147.49	
33 42 26 16-0119	EA		Toe Plate Extension For 48" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	166.70	
33 42 26 16-0120	EA		Toe Plate Extension For 54" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	197.07	
33 42 26 16-0121	EA		Toe Plate Extension For 60" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	275.15	
33 42 26 16-0122	EA		Toe Plate Extension For 66" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	296.68	
33 42 26 16-0123	EA		Toe Plate Extension For 72" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	376.59	
33 42 26 16-0124	EA		Toe Plate Extension For 78" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	407.60	
33 42 26 16-0125	EA		Toe Plate Extension For 84" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	434.35	
33 42 26 16-0126	EA		Toe Plate Extension For 90" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	462.43	
33 42 26 16-0127	EA		Toe Plate Extension For 96" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	490.87	

33 42 26 16-0128 Corrugated Aluminum Pipe-Arch End Sections (33 42 26 16-0001)

33 42 26 16-0129 Corrugated Aluminum Pipe-Arch End Sections (33 42 26 16-0128)

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
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33 42 26 16-0130	EA	17" x 13" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	452.72	70.00
33 42 26 16-0131	EA	21" x 15" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	553.22	74.66
33 42 26 16-0132	EA	24" x 18" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	600.79	81.66
33 42 26 16-0133	EA	28" x 20" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	648.32	88.66
33 42 26 16-0134	EA	35" x 24" 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	970.45	100.34
33 42 26 16-0135	EA	42" x 29" 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	1,733.00	120.65
33 42 26 16-0136	EA	42" x 29" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	1,838.93	120.65
33 42 26 16-0137	EA	49" x 33" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	2,456.69	140.76
33 42 26 16-0138	EA	57" x 38" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	3,775.23	160.87
33 42 26 16-0139	EA	64" x 43" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	4,323.42	201.09
33 42 26 16-0140	EA	71" x 47" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	5,227.29	241.31
33 42 26 16-0141	EA	77" x 52" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	8,754.27	361.96
33 42 26 16-0142	EA	83" x 57" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	9,194.47	482.61
33 42 26 16-0143	EA	87" x 63" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	10,010.70	517.81
33 42 26 16-0144	EA	95" x 67" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	10,449.40	552.99
33 42 26 16-0145	EA	103" x 71" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	11,389.95	603.27
33 42 26 16-0146	EA	112" x 75" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	12,067.15	653.54

33 42 26 16-0147 Toe Plate Extensions For Corrugated Aluminum Pipe-Arch End Section (33 42
^{26 16-0128)}

33 42 26 16-0148	EA	Toe Plate Extension For 17" x 13", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	63.28	
33 42 26 16-0149	EA	Toe Plate Extension For 21" x 15", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	68.66	
33 42 26 16-0150	EA	Toe Plate Extension For 24" x 18", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	72.41	
33 42 26 16-0151	EA	Toe Plate Extension For 28" x 20", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	79.31	
33 42 26 16-0152	EA	Toe Plate Extension For 35" x 24", 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	90.86	
33 42 26 16-0153	EA	Toe Plate Extension For 42" x 29", 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	118.67	
33 42 26 16-0154	EA	Toe Plate Extension For 42" x 29", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	129.79	
33 42 26 16-0155	EA	Toe Plate Extension For 49" x 33", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	147.49	
33 42 26 16-0156	EA	Toe Plate Extension For 57" x 38", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	166.70	
33 42 26 16-0157	EA	Toe Plate Extension For 64" x 43", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	197.07	
33 42 26 16-0158	EA	Toe Plate Extension For 71" x 47", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	250.40	
33 42 26 16-0159	EA	Toe Plate Extension For 77" x 52", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	317.40	
33 42 26 16-0160	EA	Toe Plate Extension For 83" x 57", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	428.38	
33 42 26 16-0161	EA	Toe Plate Extension For 87" x 63", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	486.45	
33 42 26 16-0162	EA	Toe Plate Extension For 95" x 67", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	509.55	
33 42 26 16-0163	EA	Toe Plate Extension For 103" x 71", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	528.42	
33 42 26 16-0164	EA	Toe Plate Extension For 112" x 75", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	551.49	

33 42 26 16-0165 Low Slope Corrugated Steel Pipe End Sections And Accessories (33 42 26 16-0001)
33 42 26 16-0166 4:1 Corrugated Steel Pipe End Sections (33 42 26 16-0165)

33 42 26 16-0167	EA	15" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	582.42	70.00
33 42 26 16-0168	EA	18" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	749.84	74.66
33 42 26 16-0169	EA	21" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	918.00	81.66
33 42 26 16-0170	EA	24" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	1,098.09	88.66
33 42 26 16-0171	EA	30" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	1,161.86	100.34
33 42 26 16-0172	EA	36" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	1,521.45	120.65
33 42 26 16-0173	EA	42" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	2,404.50	140.76

33 42 26 16-0174 3" Diameter Parallel Safety Bar For 4:1 Corrugated Steel Pipe End Sections (33 42 26 16-0165)

Note: Includes nut and bolt set.

33 42 26 16-0175	EA	3" Diameter Parallel Safety Bar For 15" 4:1 Corrugated Steel Pipe End Section	414.93	
33 42 26 16-0176	EA	3" Diameter Parallel Safety Bar For 18" 4:1 Corrugated Steel Pipe End Section	831.66	
33 42 26 16-0177	EA	3" Diameter Parallel Safety Bar For 21" 4:1 Corrugated Steel Pipe End Section	912.65	
33 42 26 16-0178	EA	3" Diameter Parallel Safety Bar For 24" 4:1 Corrugated Steel Pipe End Section	948.84	

33 42 26 16-0179 6:1 Corrugated Steel Pipe End Sections (33 42 26 16-0165)

33 42 26 16-0180	EA	15" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	609.85	70.00
33 42 26 16-0181	EA	18" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	799.19	74.66
33 42 26 16-0182	EA	21" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	1,063.22	81.66
33 42 26 16-0183	EA	24" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	1,249.02	88.66
33 42 26 16-0184	EA	30" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	1,482.25	100.34
33 42 26 16-0185	EA	36" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	1,804.24	120.65
33 42 26 16-0186	EA	42" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	2,758.33	140.76

33 42 26 16-0187 3" Diameter Parallel Safety Bar For 6:1 Corrugated Steel Pipe End Sections (33 42 26 16-0165)

Note: Includes nut and bolt set.

33 42 26 16-0188	EA	3" Diameter Parallel Safety Bar For 15" 6:1 Corrugated Steel Pipe End Section	807.70	
33 42 26 16-0189	EA	3" Diameter Parallel Safety Bar For 18" 6:1 Corrugated Steel Pipe End Section	857.34	
33 42 26 16-0190	EA	3" Diameter Parallel Safety Bar For 21" 6:1 Corrugated Steel Pipe End Section	942.99	
33 42 26 16-0191	EA	3" Diameter Parallel Safety Bar For 24" 6:1 Corrugated Steel Pipe End Section	990.85	

33 42 26 16-0192 Toe Plate Extensions For Low Slope Corrugated Steel Pipe End Section (33 42
^{26 16-0165)}

33 42 26 16-0193	EA	Toe Plate Extension For 15" Low Slope Corrugated Steel Pipe End Section	70.55	
33 42 26 16-0194	EA	Toe Plate Extension For 18" Low Slope Corrugated Steel Pipe End Section	79.20	
33 42 26 16-0195	EA	Toe Plate Extension For 21" Low Slope Corrugated Steel Pipe End Section	86.21	

33 42 26 16-0196	EA	Toe Plate Extension For 24" Low Slope Corrugated Steel Pipe End Section.....	96.26	
33 42 26 16-0197	EA	Toe Plate Extension For 30" Low Slope Corrugated Steel Pipe End Section.....	144.68	
33 42 26 16-0198	EA	Toe Plate Extension For 36" Low Slope Corrugated Steel Pipe End Section.....	155.29	
33 42 26 16-0199	EA	Toe Plate Extension For 42" Low Slope Corrugated Steel Pipe End Section.....	208.66	
33 42 26 16-0200		Low Slope Corrugated Steel Pipe-Arch End Sections And Accessories (33 42 26 16-0200)		
33 42 26 16-0201		4:1 Corrugated Steel Pipe-Arch End Section (33 42 26 16-0200)		
33 42 26 16-0202	EA	21" x 15" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section.....	692.05	74.66
33 42 26 16-0203	EA	24" x 18" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section.....	868.22	81.66
33 42 26 16-0204	EA	28" x 20" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section.....	1,027.59	88.66
33 42 26 16-0205	EA	35" x 24" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section.....	1,935.93	100.34
33 42 26 16-0206		3" Diameter Parallel Safety Bar For 4:1 Corrugated Steel Pipe-Arch End Sections (33 42 26 16-0206)		
Note: Includes nut and bolt set.				
33 42 26 16-0207	EA	3" Diameter Parallel Safety Bar For 21" x 15" 4:1 Corrugated Steel Pipe-Arch End Section.....	494.33	
33 42 26 16-0208	EA	3" Diameter Parallel Safety Bar For 24" x 18" 4:1 Corrugated Steel Pipe-Arch End Section.....	900.56	
33 42 26 16-0209	EA	3" Diameter Parallel Safety Bar For 28" x 20" 4:1 Corrugated Steel Pipe-Arch End Section.....	948.84	
33 42 26 16-0210	EA	3" Diameter Parallel Safety Bar For 35" x 24" 4:1 Corrugated Steel Pipe-Arch End Section.....	1,396.54	
33 42 26 16-0211		Toe Plate Extensions For Low Slope Corrugated Steel Pipe-Arch End Section (33 42 26 16-0200)		
33 42 26 16-0212	EA	Toe Plate Extension For 21" x 15" Low Slope Corrugated Steel Pipe-Arch End Section.....	71.32	
33 42 26 16-0213	EA	Toe Plate Extension For 24" x 18" Low Slope Corrugated Steel Pipe-Arch End Section.....	80.93	
33 42 26 16-0214	EA	Toe Plate Extension For 28" x 20" Low Slope Corrugated Steel Pipe-Arch End Section.....	88.23	
33 42 26 16-0215	EA	Toe Plate Extension For 35" x 24" Low Slope Corrugated Steel Pipe-Arch End Section.....	105.12	
33 42 26 19		Corrugated High-Density Polyethylene (HDPE) End Sections for Stormwater Piping (33 42 26)		
33 42 26 19-0001		Corrugated High Density Polyethylene (HDPE) Pipe End Sections (33 42 26 19)		
33 42 26 19-0002	EA	4" End Section, Corrugated High Density Polyethylene (HDPE) Pipe.....	64.01	18.97
33 42 26 19-0003	EA	6" End Section, Corrugated High Density Polyethylene (HDPE) Pipe.....	124.68	28.47
33 42 26 19-0004	EA	8" End Section, Corrugated High Density Polyethylene (HDPE) Pipe.....	171.70	35.57
33 42 26 19-0005	EA	10" End Section, Corrugated High Density Polyethylene (HDPE) Pipe.....	269.72	56.93
33 42 26 19-0006	EA	12" End Section, Corrugated High Density Polyethylene (HDPE) Pipe.....	323.12	64.04
33 42 26 19-0007	EA	15" End Section, Corrugated High Density Polyethylene (HDPE) Pipe.....	342.36	68.79
33 42 26 19-0008	EA	18" End Section, Corrugated High Density Polyethylene (HDPE) Pipe.....	412.64	75.91
33 42 26 19-0009	EA	24" End Section, Corrugated High Density Polyethylene (HDPE) Pipe.....	539.43	90.13
33 42 26 19-0010	EA	30" End Section, Corrugated High Density Polyethylene (HDPE) Pipe.....	1,178.77	102.00
33 42 26 19-0011	EA	36" End Section, Corrugated High Density Polyethylene (HDPE) Pipe.....	1,446.19	113.85
33 42 26 23		Concrete End Sections for Stormwater Piping (33 42 26)		
33 42 26 23-0001		Precast Concrete End Sections (33 42 26 23)		
33 42 26 23-0002		Precast Concrete End Sections (33 42 26 23-0001)		
33 42 26 23-0003	EA	12" Diameter Pipe, Precast Concrete End Section.....	649.64	109.48
33 42 26 23-0004	EA	15" Diameter Pipe, Precast Concrete End Section.....	871.97	135.51
33 42 26 23-0005	EA	18" Diameter Pipe, Precast Concrete End Section.....	1,079.67	171.54
33 42 26 23-0006	EA	21" Diameter Pipe, Precast Concrete End Section.....	1,239.09	205.14
33 42 26 23-0007	EA	24" Diameter Pipe, Precast Concrete End Section.....	1,317.11	237.44
33 42 26 23-0008	EA	27" Diameter Pipe, Precast Concrete End Section.....	1,661.46	299.63
33 42 26 23-0009	EA	30" Diameter Pipe, Precast Concrete End Section.....	2,060.85	450.04
33 42 26 23-0010	EA	36" Diameter Pipe, Precast Concrete End Section.....	2,544.84	567.87
33 42 26 23-0011	EA	42" Diameter Pipe, Precast Concrete End Section.....	3,079.54	712.36
33 42 26 23-0012	EA	48" Diameter Pipe, Precast Concrete End Section.....	3,375.72	803.35
33 42 26 23-0013	EA	54" Diameter Pipe, Precast Concrete End Section.....	3,682.65	899.87
33 42 26 23-0014	EA	60" Diameter Pipe, Precast Concrete End Section.....	3,997.34	1,000.41
33 42 26 23-0015		Flared Precast Concrete End Sections (33 42 26 23-0001)		
33 42 26 23-0016	EA	12" Diameter Pipe, Flared Precast Concrete End Section.....	818.41	117.14
33 42 26 23-0017	EA	15" Diameter Pipe, Flared Precast Concrete End Section.....	985.66	145.99
33 42 26 23-0018	EA	18" Diameter Pipe, Flared Precast Concrete End Section.....	1,196.84	184.80
33 42 26 23-0019	EA	21" Diameter Pipe, Flared Precast Concrete End Section.....	1,367.86	221.00
33 42 26 23-0020	EA	24" Diameter Pipe, Flared Precast Concrete End Section.....	1,668.72	255.79
33 42 26 23-0021	EA	27" Diameter Pipe, Flared Precast Concrete End Section.....	2,015.17	408.51
33 42 26 23-0022	EA	30" Diameter Pipe, Flared Precast Concrete End Section.....	2,100.39	562.44
33 42 26 23-0023	EA	36" Diameter Pipe, Flared Precast Concrete End Section.....	2,836.49	709.85
33 42 26 23-0024	EA	42" Diameter Pipe, Flared Precast Concrete End Section.....	3,404.82	890.62
33 42 26 23-0025	EA	48" Diameter Pipe, Flared Precast Concrete End Section.....	3,685.30	1,004.43
33 42 26 23-0026	EA	54" Diameter Pipe, Flared Precast Concrete End Section.....	4,122.09	1,124.99
33 42 26 23-0027	EA	60" Diameter Pipe, Flared Precast Concrete End Section.....	4,567.18	1,249.57
33 42 31		Stormwater Area Drains and Inlets (33 42)		

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 42 31 00-0001		Storm Drains (33 42 31) See CSI section 33 05 61 00-0001 for manhole structures.		
33 42 31 00-0002		Catch Basins And Inlet Basins (33 42 31 00-0001) Note: Includes base slab, opening and grout. Excludes frame, grate, excavation and backfill.		
33 42 31 00-0003		Cast In Place, Grate Drop Inlet Basins (33 42 31 00-0002) Note: Inside dimensions.		
33 42 31 00-0004		3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basins (33 42 31 00-0003)		
33 42 31 00-0005	EA	2' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	1,753.53	319.58
33 42 31 00-0006	EA	3' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,096.30	374.45
33 42 31 00-0007	EA	4' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,439.07	429.22
33 42 31 00-0008	EA	5' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,781.83	484.09
33 42 31 00-0009	EA	6' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,124.60	538.87
33 42 31 00-0010		3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basins (33 42 31 00-0003)		
33 42 31 00-0011	EA	2' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,276.57	317.66
33 42 31 00-0012	EA	3' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,811.84	423.54
33 42 31 00-0013	EA	4' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,581.12	577.57
33 42 31 00-0014	EA	5' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	4,368.77	673.82
33 42 31 00-0015	EA	6' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	4,980.62	770.08
33 42 31 00-0016		4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basins (33 42 31 00-0003)		
33 42 31 00-0017	EA	2' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,448.30	346.54
33 42 31 00-0018	EA	3' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,392.61	481.30
33 42 31 00-0019	EA	4' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	4,134.76	625.69
33 42 31 00-0020	EA	5' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	4,774.47	721.95
33 42 31 00-0021	EA	6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	6,053.54	924.10
33 42 31 00-0022		Cast In Place, Catch Basin (33 42 31 00-0002) Note: Inside span, overall depth. Includes concrete, forms, rebar (where required), finish and curing.		
33 42 31 00-0023		3' x 3', Cast In Place, Catch Basins (33 42 31 00-0022)		
33 42 31 00-0024	EA	3' Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	2,211.52	386.39
33 42 31 00-0025	EA	3'-6" Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	2,341.36	410.84
33 42 31 00-0026	EA	4' Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	2,583.76	441.25
33 42 31 00-0027	EA	4'-6" Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	2,899.12	488.42
33 42 31 00-0028	EA	5' Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	3,151.02	519.90
33 42 31 00-0029	EA	5'-6" Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	3,293.79	545.22
33 42 31 00-0030	EA	6' Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	3,545.87	576.70
33 42 31 00-0031	EA	6'-6" Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	3,685.09	602.11
33 42 31 00-0032	EA	7' Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	3,938.80	633.49
33 42 31 00-0033	EA	7'-6" Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	4,079.94	658.90
33 42 31 00-0034	EA	8' Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	4,331.93	690.38
33 42 31 00-0035	VLF	>8' Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	541.52	86.25
33 42 31 00-0036		3'-6" x 3'-6", Cast In Place, Catch Basins (33 42 31 00-0022)		
33 42 31 00-0037	EA	3' Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	2,534.84	446.65
33 42 31 00-0038	EA	3'-6" Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	2,699.27	478.03
33 42 31 00-0039	EA	4' Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	2,950.56	509.51
33 42 31 00-0040	EA	4'-6" Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	3,319.21	564.28
33 42 31 00-0041	EA	5' Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	3,592.90	599.89
33 42 31 00-0042	EA	5'-6" Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	3,757.28	629.44
33 42 31 00-0043	EA	6' Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	4,034.32	665.06
33 42 31 00-0044	EA	6'-6" Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	4,198.70	694.61
33 42 31 00-0045	EA	7' Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	4,473.92	730.23
33 42 31 00-0046	EA	7'-6" Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	4,638.49	759.79
33 42 31 00-0047	EA	8' Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	4,913.81	795.40
33 42 31 00-0048	VLF	>8' Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	614.25	99.43
33 42 31 00-0049		4' x 4', Cast In Place, Catch Basins (33 42 31 00-0022)		
33 42 31 00-0050	EA	3' Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	2,880.99	510.95
33 42 31 00-0051	EA	3'-6" Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	3,054.32	543.39
33 42 31 00-0052	EA	4' Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	3,338.59	581.80
33 42 31 00-0053	EA	4'-6" Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	3,761.11	644.27
33 42 31 00-0054	EA	5' Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	4,059.85	684.02
33 42 31 00-0055	EA	5'-6" Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	4,247.56	717.82
33 42 31 00-0056	EA	6' Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	4,546.31	757.57
33 42 31 00-0057	EA	6'-6" Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	4,733.83	791.35
33 42 31 00-0058	EA	7' Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	5,032.58	831.11
33 42 31 00-0059	EA	7'-6" Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	5,220.29	864.90
33 42 31 00-0060	EA	8' Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	5,519.03	904.75
33 42 31 00-0061	VLF	>8' Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	689.84	113.11
33 42 31 00-0062		4'-6" x 4'-6", Cast In Place, Catch Basins (33 42 31 00-0022)		
33 42 31 00-0063	EA	3' Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin	3,321.35	592.48
33 42 31 00-0064	EA	3'-6" Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin	3,523.95	625.98
33 42 31 00-0065	EA	4' Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin	3,835.77	669.30
33 42 31 00-0066	EA	4'-6" Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin	4,317.81	740.33

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
33 42 31 00-0067	EA	5' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,646.51	785.20
33 42 31 00-0068	EA	5'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,864.27	823.99
33 42 31 00-0069	EA	6' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,193.15	868.84
33 42 31 00-0070	EA	6'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,410.90	907.74
33 42 31 00-0071	EA	7' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,739.59	952.59
33 42 31 00-0072	EA	7'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,955.73	991.38
33 42 31 00-0073	EA	8' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,286.24	1,036.25
33 42 31 00-0074	VLF	>8' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	785.83	129.56
33 42 31 00-0075 5' x 5', Cast In Place, Catch Basins (33 42 31 00-0022)				
33 42 31 00-0076	EA	4' Deep, 5' x 5' x 6" Thick Wall, Cast In Place, Catch Basin	4,283.12	751.51
33 42 31 00-0077	EA	4'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	4,820.09	830.44
33 42 31 00-0078	EA	5' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	5,174.21	879.62
33 42 31 00-0079	EA	5'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	5,415.78	922.76
33 42 31 00-0080	EA	6' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	5,766.47	971.84
33 42 31 00-0081	EA	6'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	6,009.65	1,014.96
33 42 31 00-0082	EA	7' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	6,362.16	1,064.16
33 42 31 00-0083	EA	7'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	6,601.92	1,107.28
33 42 31 00-0084	EA	8' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	6,956.05	1,156.38
33 42 31 00-0085	VLF	>8' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	1,401.62	144.58
33 42 31 00-0086 5'-6" x 5'-6", Cast In Place, Catch Basins (33 42 31 00-0022)				
33 42 31 00-0087	EA	4' Deep, 5'-6" x 5'-6" x 6" Thick Wall, Cast In Place, Catch Basin	4,751.97	838.04
33 42 31 00-0088	EA	4'-6" Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,527.30	948.65
33 42 31 00-0089	EA	5' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,916.36	1,003.32
33 42 31 00-0090	EA	5'-6" Deep, 5'-6" x 5' x 8" Thick Wall, Cast In Place, Catch Basin	6,192.87	1,052.32
33 42 31 00-0091	EA	6' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,583.75	1,107.37
33 42 31 00-0092	EA	6'-6" Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,881.89	1,156.38
33 42 31 00-0093	EA	7' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,250.95	1,211.43
33 42 31 00-0094	EA	7'-6" Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,527.46	1,260.44
33 42 31 00-0095	EA	8' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,916.53	1,315.49
33 42 31 00-0096	VLF	>8' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	989.57	164.42
33 42 31 00-0097 6' x 6', Cast In Place, Catch Basins (33 42 31 00-0022)				
33 42 31 00-0098	EA	4' Deep, 6' x 6' x 6" Thick Wall, Cast In Place, Catch Basin	5,245.89	928.63
33 42 31 00-0099	EA	4'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	6,100.40	1,050.01
33 42 31 00-0100	EA	5' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	6,515.48	1,109.50
33 42 31 00-0101	EA	5'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	6,817.82	1,162.92
33 42 31 00-0102	EA	6' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	7,231.26	1,222.41
33 42 31 00-0103	EA	6'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	7,535.42	1,275.83
33 42 31 00-0104	EA	7' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	7,948.68	1,335.33
33 42 31 00-0105	EA	7'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	8,251.20	1,388.74
33 42 31 00-0106	EA	8' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	8,666.29	1,448.23
33 42 31 00-0107	VLF	>8' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	1,083.33	181.07
33 42 31 00-0108 6'-6" x 6'-6", Cast In Place, Catch Basins (33 42 31 00-0022)				
33 42 31 00-0109	EA	4' Deep, 6'-6" x 6'-6" x 6" Thick Wall, Cast In Place, Catch Basin	5,761.42	1,023.54
33 42 31 00-0110	EA	4'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,928.39	1,185.83
33 42 31 00-0111	EA	5' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,381.86	1,251.67
33 42 31 00-0112	EA	5'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,724.30	1,311.45
33 42 31 00-0113	EA	6' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	8,177.77	1,377.20
33 42 31 00-0114	EA	6'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	8,520.21	1,437.07
33 42 31 00-0115	EA	7' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	8,973.69	1,502.81
33 42 31 00-0116	EA	7'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	9,316.12	1,562.59
33 42 31 00-0117	EA	8' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	9,771.42	1,628.44
33 42 31 00-0118	VLF	>8' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	1,221.38	203.59
33 42 31 00-0119 7' x 7', Cast In Place, Catch Basins (33 42 31 00-0022)				
33 42 31 00-0120	EA	4' Deep, 7' x 7' x 6" Thick Wall, Cast In Place, Catch Basin	6,300.37	1,122.58
33 42 31 00-0121	EA	4'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	7,577.88	1,299.70
33 42 31 00-0122	EA	5' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	8,057.95	1,370.17
33 42 31 00-0123	EA	5'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	8,425.26	1,434.47
33 42 31 00-0124	EA	6' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	8,906.84	1,504.84
33 42 31 00-0125	EA	6'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	9,274.16	1,569.23
33 42 31 00-0126	EA	7' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	9,754.22	1,639.60
33 42 31 00-0127	EA	7'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	10,123.15	1,704.00
33 42 31 00-0128	EA	8' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	10,603.13	1,774.36
33 42 31 00-0129	VLF	>8' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	1,325.44	221.78
33 42 31 00-0130 7'-6" x 7'-6", Cast In Place, Catch Basins (33 42 31 00-0022)				
33 42 31 00-0131	EA	4' Deep, 7'-6" x 7'-6" x 6" Thick Wall, Cast In Place, Catch Basin	7,125.68	1,259.95
33 42 31 00-0132	EA	4'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	8,254.06	1,418.20
33 42 31 00-0133	EA	5' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	8,758.90	1,493.19
33 42 31 00-0134	EA	5'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	9,154.42	1,562.11
33 42 31 00-0135	EA	6' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	9,660.79	1,637.10
33 42 31 00-0136	EA	6'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	10,056.31	1,706.02
33 42 31 00-0137	EA	7' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	10,561.15	1,781.00
33 42 31 00-0138	EA	7'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	10,956.67	1,849.93

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 42 31 00-0139	EA	8' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	11,463.13	1,924.92
33 42 31 00-0140	VLF	>8' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	1,432.86	240.65
33 42 31 00-0141		8' x 8', Cast In Place, Catch Basins (33 42 31 00-0022)		
33 42 31 00-0142	EA	4' Deep, 8' x 8' x 6" Thick Wall, Cast In Place, Catch Basin	7,736.22	1,370.84
33 42 31 00-0143	EA	4'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	8,954.91	1,541.32
33 42 31 00-0144	EA	5' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	9,486.23	1,620.83
33 42 31 00-0145	EA	5'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	9,908.36	1,694.37
33 42 31 00-0146	EA	6' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	10,439.58	1,773.89
33 42 31 00-0147	EA	6'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	10,858.46	1,847.42
33 42 31 00-0148	EA	7' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	11,392.95	1,926.94
33 42 31 00-0149	EA	7'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	11,815.06	2,000.48
33 42 31 00-0150	EA	8' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	12,337.76	2,079.99
33 42 31 00-0151	VLF	>8' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	1,543.28	260.00
33 42 31 00-0152		Precast Concrete Catch Basins (33 42 31 00-0002)		
		Note: Inside dimensions.		
33 42 31 00-0153		1'-6" Diameter Precast Catch Basins (33 42 31 00-0152)		
33 42 31 00-0154	EA	4' Deep, 1'-6" Diameter Precast Catch Basins.....	687.88	205.23
33 42 31 00-0155	EA	6' Deep, 1'-6" Diameter Precast Catch Basins.....	952.98	307.84
33 42 31 00-0156	EA	8' Deep, 1'-6" Diameter Precast Catch Basins.....	1,204.39	400.19
33 42 31 00-0157	EA	10' Deep, 1'-6" Diameter Precast Catch Basins.....	1,444.19	473.05
33 42 31 00-0158	EA	12' Deep, 1'-6" Diameter Precast Catch Basins.....	1,775.17	600.29
33 42 31 00-0159	EA	14' Deep, 1'-6" Diameter Precast Catch Basins.....	2,029.63	692.64
33 42 31 00-0160	VLF	Vertical Linear Foot Over 14' Deep, 1'-6" Diameter Precast Catch Basins	141.04	46.18
33 42 31 00-0161		2' Diameter Precast Catch Basins (33 42 31 00-0152)		
33 42 31 00-0162	EA	4' Deep, 2' Diameter Precast Catch Basin	784.81	228.32
33 42 31 00-0163	EA	6' Deep, 2' Diameter Precast Catch Basin	1,081.23	338.63
33 42 31 00-0164	EA	8' Deep, 2' Diameter Precast Catch Basin	1,361.22	446.37
33 42 31 00-0165	EA	10' Deep, 2' Diameter Precast Catch Basin	1,627.28	520.76
33 42 31 00-0166	EA	12' Deep, 2' Diameter Precast Catch Basin	2,011.80	666.99
33 42 31 00-0167	EA	14' Deep, 2' Diameter Precast Catch Basin	2,297.33	769.60
33 42 31 00-0168	VLF	Vertical Linear Foot Over 14' Deep, 2' Diameter Precast Catch Basin	159.67	55.41
33 42 31 00-0169		3' Diameter Precast Catch Basins (33 42 31 00-0152)		
33 42 31 00-0170	EA	4' Deep, 3' Diameter Precast Catch Basin	1,042.36	269.36
33 42 31 00-0171	EA	6' Deep, 3' Diameter Precast Catch Basin	1,416.54	398.15
33 42 31 00-0172	EA	8' Deep, 3' Diameter Precast Catch Basin	1,774.39	525.89
33 42 31 00-0173	EA	10' Deep, 3' Diameter Precast Catch Basin	2,209.91	656.73
33 42 31 00-0174	EA	12' Deep, 3' Diameter Precast Catch Basin	2,608.51	782.94
33 42 31 00-0175	EA	14' Deep, 3' Diameter Precast Catch Basin	2,992.36	911.22
33 42 31 00-0176	VLF	Vertical Linear Foot Over 14' Deep, 3' Diameter Precast Catch Basin	205.37	65.09
33 42 31 00-0177		4' Diameter Precast Catch Basins (33 42 31 00-0152)		
33 42 31 00-0178	EA	4' Deep, 4' Diameter Precast Catch Basin	1,266.21	299.63
33 42 31 00-0179	EA	6' Deep, 4' Diameter Precast Catch Basin	1,642.64	410.45
33 42 31 00-0180	EA	8' Deep, 4' Diameter Precast Catch Basin	2,186.46	615.69
33 42 31 00-0181	EA	10' Deep, 4' Diameter Precast Catch Basin	2,728.29	769.60
33 42 31 00-0182	EA	12' Deep, 4' Diameter Precast Catch Basin	3,222.44	923.52
33 42 31 00-0183	EA	14' Deep, 4' Diameter Precast Catch Basin	3,699.79	1,077.45
33 42 31 00-0184	VLF	Vertical Linear Foot Over 14' Deep, 4' Diameter Precast Catch Basin	253.29	76.96
33 42 31 00-0185		5' Diameter Precast Catch Basins (33 42 31 00-0152)		
33 42 31 00-0186	EA	4' Deep, 5' Diameter Precast Catch Basin	1,703.22	410.45
33 42 31 00-0187	EA	6' Deep, 5' Diameter Precast Catch Basin	2,321.09	615.69
33 42 31 00-0188	EA	8' Deep, 5' Diameter Precast Catch Basin	2,941.99	820.91
33 42 31 00-0189	EA	10' Deep, 5' Diameter Precast Catch Basin	3,594.19	1,026.14
33 42 31 00-0190	EA	12' Deep, 5' Diameter Precast Catch Basin	4,235.98	1,231.36
33 42 31 00-0191	EA	14' Deep, 5' Diameter Precast Catch Basin	4,928.02	1,436.59
33 42 31 00-0192	VLF	Vertical Linear Foot Over 14' Deep, 5' Diameter Precast Catch Basin	336.95	102.62
33 42 31 00-0193		6' Diameter Precast Catch Basins (33 42 31 00-0152)		
33 42 31 00-0194	EA	4' Deep, 6' Diameter Precast Catch Basin	2,489.37	615.69
33 42 31 00-0195	EA	6' Deep, 6' Diameter Precast Catch Basin	3,357.06	923.52
33 42 31 00-0196	EA	8' Deep, 6' Diameter Precast Catch Basin	4,287.81	1,231.36
33 42 31 00-0197	EA	10' Deep, 6' Diameter Precast Catch Basin	5,342.92	1,539.21
33 42 31 00-0198	EA	12' Deep, 6' Diameter Precast Catch Basin	6,364.38	1,847.05
33 42 31 00-0199	EA	14' Deep, 6' Diameter Precast Catch Basin	7,360.22	2,154.89
33 42 31 00-0200	VLF	Vertical Linear Foot Over 14' Deep, 6' Diameter Precast Catch Basin	502.10	153.92
33 42 31 00-0201		Precast Catch Basins Accessories (33 42 31 00-0152)		
33 42 31 00-0202	EA	Single Or Double Wing Slab Top With Throat.....	1,442.16	666.99
33 42 31 00-0203	EA	4' x 4' Weir Box, Precast Catch Basin.....	707.66	82.09
33 42 31 00-0204	EA	4' Diameter Inlet Round To Square Adapter, Precast Catch Basin.....	389.43	87.22

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 42 31 00-0205	EA			3' Diameter, Up To 6" High, Precast Extension Ring..... <i>For Each Additional Inch In Height, Add</i>	482.04 58.95	128.26	
33 42 31 00-0206	EA			4' Diameter, Up To 6" High, Precast Extension Ring..... <i>For Each Additional Inch In Height, Add</i>	568.08 69.01	153.92	
33 42 31 00-0207	EA			5' Diameter, Up To 6" High, Precast Extension Ring..... <i>For Each Additional Inch In Height, Add</i>	662.67 80.55	179.57	
33 42 31 00-0208	EA			6' Diameter, Up To 6" High, Precast Extension Ring..... <i>For Each Additional Inch In Height, Add</i>	823.19 94.49	256.53	
33 42 31 00-0209	EA			Adjust Existing Catch Basin Inlet Grate To Match Grade	615.64		
33 42 31 00-0210 Catch Basin Risers (33 42 31 00-0152)							
33 42 31 00-0211	EA			Up To 860 Square Inch, Up to 2" Rise, Catch Basin Riser	391.59		
33 42 31 00-0212	EA			>860 To 1140 Square Inch, Up To 2" Rise, Catch Basin Riser.....	438.07		
33 42 31 00-0213	EA			>1140 Square Inch, Up To 2" Rise, Catch Basin Riser.....	493.38		
33 42 31 00-0214	EA			Up To 860 Square Inch, >2" To 3" Rise, Catch Basin Riser	421.69		
33 42 31 00-0215	EA			>860 To 1140 Square Inch, >2" To 3" Rise, Catch Basin Riser.....	471.29		
33 42 31 00-0216	EA			>1140 Square Inch, >2" To 3" Rise, Catch Basin Riser.....	532.60		
33 42 31 00-0217	EA			Up To 860 Square Inch, >3" To 4" Rise, Catch Basin Riser.....	466.90		
33 42 31 00-0218	EA			>860 To 1140 Square Inch, >3" To 4" Rise, Catch Basin Riser.....	510.92		
33 42 31 00-0219	EA			>1140 Square Inch, >3" To 4" Rise, Catch Basin Riser.....	572.44		
33 42 31 00-0220 Cast In Place, Storm Drain Cleanout (33 42 31 00-0002)							
Note: Inside span.							
33 42 31 00-0221	EA			6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	4,684.53	762.18	
33 42 31 00-0222	EA			6' Deep, 4' x 5' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	5,322.06	869.81	
33 42 31 00-0223	EA			6' Deep, 4' x 6' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	6,036.67	987.15	
33 42 31 00-0224	EA			7' Deep, 4' x 7' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	7,244.33	1,184.20	
33 42 31 00-0225	EA			8' Deep, 4' x 8' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	8,790.79	1,429.66	
33 42 31 00-0226 Precast Concrete Inlet Boxes (33 42 31 00-0002)							
Note: Inside dimensions.							
33 42 31 00-0227 Precast Concrete Inlet Boxes (33 42 31 00-0226)							
33 42 31 00-0228 24" x 24" ID, Precast Concrete Inlet Boxes (33 42 31 00-0227)							
Note: Yard inlet.							
33 42 31 00-0229 24" x 24" ID, Precast Concrete Inlet Boxes (33 42 31 00-0228)							
33 42 31 00-0230	EA			24" Height, 24" x 24" ID, Precast Concrete Inlet Box.....	692.60	71.83	
33 42 31 00-0231	EA			30" Height, 24" x 24" ID, Precast Concrete Inlet Box.....	814.87	87.22	
33 42 31 00-0232	EA			36" Height, 24" x 24" ID, Precast Concrete Inlet Box.....	937.15	102.62	
33 42 31 00-0233	EA			42" Height, 24" x 24" ID, Precast Concrete Inlet Box.....	1,060.70	118.65	
33 42 31 00-0234 24" x 24" ID, Precast Concrete Inlet Box Risers (33 42 31 00-0228)							
33 42 31 00-0235	EA			6" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	178.71		
33 42 31 00-0236	EA			12" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	285.60		
33 42 31 00-0237	EA			18" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	402.73		
33 42 31 00-0238	EA			24" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	519.88		
33 42 31 00-0239	EA			30" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	637.02		
33 42 31 00-0240	EA			36" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	754.17		
33 42 31 00-0241 22" x 48" ID, Precast Concrete Inlet Boxes (33 42 31 00-0227)							
33 42 31 00-0242 22" x 48" ID, Precast Concrete Inlet Boxes (33 42 31 00-0241)							
33 42 31 00-0243	EA			36" Height, 22" x 48" ID, Precast Concrete Inlet Box.....	1,430.90	201.09	
33 42 31 00-0244	EA			42" Height, 22" x 48" ID, Precast Concrete Inlet Box.....	1,610.99	232.51	
33 42 31 00-0245	EA			48" Height, 22" x 48" ID, Precast Concrete Inlet Box.....	1,791.08	263.93	
33 42 31 00-0246	EA			54" Height, 22" x 48" ID, Precast Concrete Inlet Box.....	1,971.31	295.43	
33 42 31 00-0247	EA			60" Height, 22" x 48" ID, Precast Concrete Inlet Box.....	2,151.55	326.92	
33 42 31 00-0248	EA			66" Height, 22" x 48" ID, Precast Concrete Inlet Box.....	2,331.78	358.41	
33 42 31 00-0249	EA			72" Height, 22" x 48" ID, Precast Concrete Inlet Box.....	2,512.01	389.91	
33 42 31 00-0250 22" x 48" ID, Precast Concrete Inlet Box Risers (33 42 31 00-0241)							
33 42 31 00-0251	EA			6" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	350.29		
33 42 31 00-0252	EA			12" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	556.93		
33 42 31 00-0253	EA			18" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	608.26		
33 42 31 00-0254	EA			24" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	776.82		
33 42 31 00-0255	EA			30" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	945.37		
33 42 31 00-0256	EA			36" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,105.63		
33 42 31 00-0257	EA			42" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,285.73		
33 42 31 00-0258	EA			48" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,465.81		
33 42 31 00-0259	EA			54" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,646.05		
33 42 31 00-0260	EA			60" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,826.28		
33 42 31 00-0261	EA			66" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	2,006.52		
33 42 31 00-0262	EA			72" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	2,186.75		
33 42 31 00-0263 30" x 48" ID, Precast Concrete Inlet Boxes (33 42 31 00-0227)							
33 42 31 00-0264 30" x 48" ID, Precast Concrete Inlet Boxes (33 42 31 00-0263)							

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 42 31 00-0265	EA	36" Height, 30" x 48" ID, Precast Concrete Inlet Box.....	1,385.47	221.20
33 42 31 00-0266	EA	42" Height, 30" x 48" ID, Precast Concrete Inlet Box.....	1,566.50	255.76
33 42 31 00-0267	EA	48" Height, 30" x 48" ID, Precast Concrete Inlet Box.....	1,747.53	290.32
33 42 31 00-0268	EA	54" Height, 30" x 48" ID, Precast Concrete Inlet Box.....	1,928.74	324.97
33 42 31 00-0269	EA	60" Height, 30" x 48" ID, Precast Concrete Inlet Box.....	2,109.94	359.61
33 42 31 00-0270	EA	66" Height, 30" x 48" ID, Precast Concrete Inlet Box.....	2,291.13	394.26
33 42 31 00-0271	EA	72" Height, 30" x 48" ID, Precast Concrete Inlet Box.....	2,472.33	428.91

33 42 31 00-0272 30" x 48" ID, Precast Concrete Inlet Box Risers (33 42 31 00-0263)

33 42 31 00-0273	EA	6" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser.....	347.84	
33 42 31 00-0274	EA	12" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser.....	546.86	
33 42 31 00-0275	EA	18" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser.....	599.16	
33 42 31 00-0276	EA	24" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser.....	764.36	
33 42 31 00-0277	EA	30" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser.....	929.56	
33 42 31 00-0278	EA	36" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser.....	1,093.74	
33 42 31 00-0279	EA	42" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser.....	1,272.02	
33 42 31 00-0280	EA	48" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser.....	1,449.27	
33 42 31 00-0281	EA	54" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser.....	1,627.54	
33 42 31 00-0282	EA	60" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser.....	1,804.81	
33 42 31 00-0283	EA	66" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser.....	1,983.07	
33 42 31 00-0284	EA	72" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser.....	2,161.34	

33 42 31 00-0285 42" x 48" ID, Precast Concrete Inlet Boxes (33 42 31 00-0227)**33 42 31 00-0286 42" x 48" ID, Precast Concrete Inlet Boxes (33 42 31 00-0285)**

33 42 31 00-0287	EA	36" Height, 42" x 48" ID, Precast Concrete Inlet Box.....	1,643.37	241.31
33 42 31 00-0288	EA	42" Height, 42" x 48" ID, Precast Concrete Inlet Box.....	1,855.82	280.51
33 42 31 00-0289	EA	48" Height, 42" x 48" ID, Precast Concrete Inlet Box.....	2,068.25	320.74
33 42 31 00-0290	EA	54" Height, 42" x 48" ID, Precast Concrete Inlet Box.....	2,279.69	359.95
33 42 31 00-0291	EA	60" Height, 42" x 48" ID, Precast Concrete Inlet Box.....	2,492.14	400.16
33 42 31 00-0292	EA	66" Height, 42" x 48" ID, Precast Concrete Inlet Box.....	2,704.58	439.38
33 42 31 00-0293	EA	72" Height, 42" x 48" ID, Precast Concrete Inlet Box.....	2,916.01	478.59

33 42 31 00-0294 42" x 48" ID, Precast Concrete Inlet Box Risers (33 42 31 00-0285)

33 42 31 00-0295	EA	6" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser.....	382.51	
33 42 31 00-0296	EA	12" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser.....	614.19	
33 42 31 00-0297	EA	18" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser.....	667.99	
33 42 31 00-0298	EA	24" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser.....	854.80	
33 42 31 00-0299	EA	30" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser.....	1,041.60	
33 42 31 00-0300	EA	36" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser.....	1,228.41	
33 42 31 00-0301	EA	42" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser.....	1,428.78	
33 42 31 00-0302	EA	48" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser.....	1,629.16	
33 42 31 00-0303	EA	54" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser.....	1,829.54	
33 42 31 00-0304	EA	60" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser.....	2,029.92	
33 42 31 00-0305	EA	66" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser.....	2,230.29	
33 42 31 00-0306	EA	72" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser.....	2,430.66	

33 42 31 00-0307 42" x 48" ID, Precast Concrete Inlet Box Tops (33 42 31 00-0285)

33 42 31 00-0308	EA	42" x 48" ID, Precast Concrete Inlet Box Top Slab.....	935.10	150.82
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33 42 31 00-0309 48" x 54" ID, Precast Concrete Inlet Boxes (33 42 31 00-0227)**33 42 31 00-0310 48" x 54" ID, Precast Concrete Inlet Boxes (33 42 31 00-0309)**

33 42 31 00-0311	EA	36" Height, 48" x 54" ID, Precast Concrete Inlet Box.....	2,316.49	268.12
33 42 31 00-0312	EA	42" Height, 48" x 54" ID, Precast Concrete Inlet Box.....	2,598.59	312.19
33 42 31 00-0313	EA	48" Height, 48" x 54" ID, Precast Concrete Inlet Box.....	2,880.69	356.26
33 42 31 00-0314	EA	54" Height, 48" x 54" ID, Precast Concrete Inlet Box.....	3,162.47	400.16
33 42 31 00-0315	EA	60" Height, 48" x 54" ID, Precast Concrete Inlet Box.....	3,444.24	444.08
33 42 31 00-0316	EA	66" Height, 48" x 54" ID, Precast Concrete Inlet Box.....	3,726.02	487.99
33 42 31 00-0317	EA	72" Height, 48" x 54" ID, Precast Concrete Inlet Box.....	4,007.80	531.90

33 42 31 00-0318 48" x 54" ID, Precast Concrete Inlet Box Risers (33 42 31 00-0309)

33 42 31 00-0319	EA	6" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser.....	384.99	
33 42 31 00-0320	EA	12" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser.....	605.75	
33 42 31 00-0321	EA	18" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser.....	883.50	
33 42 31 00-0322	EA	24" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser.....	1,161.25	
33 42 31 00-0323	EA	30" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser.....	1,422.24	
33 42 31 00-0324	EA	36" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser.....	1,699.97	
33 42 31 00-0325	EA	42" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser.....	1,982.08	
33 42 31 00-0326	EA	48" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser.....	2,264.18	
33 42 31 00-0327	EA	54" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser.....	2,545.96	
33 42 31 00-0328	EA	60" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser.....	2,827.73	
33 42 31 00-0329	EA	66" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser.....	3,109.51	
33 42 31 00-0330	EA	72" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser.....	3,391.29	

33 42 31 00-0331 48" x 54" ID, Precast Concrete Inlet Box Tops (33 42 31 00-0309)

33 42 31 00-0332	EA	48" x 54" ID, Precast Concrete Inlet Box Top Slab.....	1,016.19	163.39
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	Utilities	33	
	Stormwater Utilities	33 40	CS
	Stormwater Conveyance	33 42	
MINOR	TOTAL DIRECT	DEMOLITION	
CSI UOM DESCRIPTION	UNIT COST	UNIT COST	

33 42 31 00-0333		48" x 66" ID, Precast Concrete Inlet Boxes (33 42 31 00-0227)		
33 42 31 00-0334		48" x 66" ID, Precast Concrete Inlet Boxes (33 42 31 00-0333)		
33 42 31 00-0335	EA	36" Height, 48" x 66" ID, Precast Concrete Inlet Box.....	2,676.32	337.83
33 42 31 00-0336	EA	42" Height, 48" x 66" ID, Precast Concrete Inlet Box.....	2,988.11	394.27
33 42 31 00-0337	EA	48" Height, 48" x 66" ID, Precast Concrete Inlet Box.....	3,299.91	450.71
33 42 31 00-0338	EA	54" Height, 48" x 66" ID, Precast Concrete Inlet Box.....	3,611.09	506.85
33 42 31 00-0339	EA	60" Height, 48" x 66" ID, Precast Concrete Inlet Box.....	3,922.27	562.98
33 42 31 00-0340	EA	66" Height, 48" x 66" ID, Precast Concrete Inlet Box.....	4,233.44	619.11
33 42 31 00-0341	EA	72" Height, 48" x 66" ID, Precast Concrete Inlet Box.....	4,544.61	675.24
33 42 31 00-0342		48" x 66" ID, Precast Concrete Inlet Box Risers (33 42 31 00-0333)		
33 42 31 00-0343	EA	6" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	424.13	
33 42 31 00-0344	EA	12" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	651.19	
33 42 31 00-0345	EA	18" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	962.71	
33 42 31 00-0346	EA	24" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	1,274.23	
33 42 31 00-0347	EA	30" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	1,557.60	
33 42 31 00-0348	EA	36" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	1,869.13	
33 42 31 00-0349	EA	42" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	2,180.92	
33 42 31 00-0350	EA	48" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	2,492.72	
33 42 31 00-0351	EA	54" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	2,803.89	
33 42 31 00-0352	EA	60" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	3,115.07	
33 42 31 00-0353	EA	66" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	3,426.24	
33 42 31 00-0354	EA	72" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	3,737.41	
33 42 31 00-0355		48" x 66" ID, Precast Concrete Inlet Box Tops (33 42 31 00-0333)		
33 42 31 00-0356	EA	48" x 66" ID, Precast Concrete Inlet Box Top Slab.....	1,130.05	182.99
33 42 31 00-0357		42" x 102" ID, Precast Concrete Inlet Boxes (33 42 31 00-0227)		
33 42 31 00-0358		42" x 102" ID, Precast Concrete Inlet Boxes (33 42 31 00-0357)		
33 42 31 00-0359	EA	36" Height, 42" x 102" ID, Precast Concrete Inlet Box.....	3,358.57	455.46
33 42 31 00-0360	EA	42" Height, 42" x 102" ID, Precast Concrete Inlet Box.....	3,753.80	530.87
33 42 31 00-0361	EA	48" Height, 42" x 102" ID, Precast Concrete Inlet Box.....	4,149.04	605.28
33 42 31 00-0362	EA	54" Height, 42" x 102" ID, Precast Concrete Inlet Box.....	4,543.26	680.69
33 42 31 00-0363	EA	60" Height, 42" x 102" ID, Precast Concrete Inlet Box.....	4,938.50	755.09
33 42 31 00-0364	EA	66" Height, 42" x 102" ID, Precast Concrete Inlet Box.....	5,332.73	829.49
33 42 31 00-0365	EA	72" Height, 42" x 102" ID, Precast Concrete Inlet Box.....	5,728.97	904.89
33 42 31 00-0366		42" x 102" ID, Precast Concrete Inlet Box Risers (33 42 31 00-0357)		
33 42 31 00-0367	EA	6" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	570.18	
33 42 31 00-0368	EA	12" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	860.86	
33 42 31 00-0369	EA	18" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	1,249.05	
33 42 31 00-0370	EA	24" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	1,637.25	
33 42 31 00-0371	EA	30" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	1,996.28	
33 42 31 00-0372	EA	36" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	2,384.48	
33 42 31 00-0373	EA	42" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	2,779.72	
33 42 31 00-0374	EA	48" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	3,174.95	
33 42 31 00-0375	EA	54" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	3,569.18	
33 42 31 00-0376	EA	60" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	3,964.41	
33 42 31 00-0377	EA	66" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	4,358.64	
33 42 31 00-0378	EA	72" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	4,753.88	
33 42 31 00-0379		42" x 102" ID, Precast Concrete Inlet Box Tops (33 42 31 00-0357)		
33 42 31 00-0380	EA	42" x 102" ID, Precast Concrete Inlet Box Top Slab.....	1,531.34	201.09
33 42 31 00-0381		Frames And Grates For Inlets (33 42 31 00-0226)		
33 42 31 00-0382		Inlet Frames And Grates (33 42 31 00-0381)		
33 42 31 00-0383	EA	24" x 24", Heavy Duty Inlet Grate	392.35	46.67
		Note: For type A, B, D, or E inlets.		
33 42 31 00-0384	EA	47-3/4" x 21-3/4", Bicycle Safe Inlet Grate (US Foundry 6352 GRT).....	509.26	46.67
		Note: For type A, B, D, or E inlets.		
33 42 31 00-0385	EA	47-3/4" x 21-3/4", Phase II Stormwater Compliant Inlet Grate (US Foundry 6352 GRT).....	509.26	46.67
		Note: Includes legend: Dump No Waste "Drains To Waterways".		
33 42 31 00-0386	EA	Phase II Storm Water Compliant Grate, Echo Grate, Type "B" And "D" Inlet Covers (US Foundry 6352 GRT	509.26	46.67
		Note: Legend: Dump No Waste "Drains to Waterways"		
33 42 31 00-0387	EA	Parallel Bar Grates For Type A, B, D And E Inlets (Campbell Foundry 2617-0362).....	558.77	46.67
33 42 31 00-0388	EA	Type B Inlet Dirt Plate (US Foundry 5217 BK).....	404.52	93.34
33 42 31 00-0389	EA	Back Plate For Type B Inlets (Campbell Foundry 2548-1942).....	473.84	93.34
33 42 31 00-0390	EA	Phase II Echo-Safe Bar For Series 2500/2600 Curb Inlets (Campbell Foundry 25419EC4)	589.83	116.66
		Note: Includes cam action clamping system, stainless steel badge labeled to center of plate, steel plate welded to bar with legend: Dump No Waste "Drains to Waterways".		
33 42 31 00-0391	EA	1-1/2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT).....	500.70	116.66
33 42 31 00-0392	EA	2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT).....	510.61	116.66
33 42 31 00-0393	EA	2-1/2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT).....	530.41	116.66
33 42 31 00-0394	EA	3" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT).....	550.22	116.66

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 42 31 00-0395	EA	2" Extension Frame For Type A Inlet (General Foundries 6352 EXT)	530.41	116.66
33 42 31 00-0396	EA	2-1/2" Extension Frame For Type A Inlet (General Foundries 6352 EXT)	550.22	116.66
33 42 31 00-0397	EA	3" Extension Frame For Type A Inlet (General Foundries 6352 EXT)	570.02	116.66
33 42 31 00-0398	EA	2" Extension Frame For Type E Inlet (General Foundries 6352 EXT)	827.49	116.66
33 42 31 00-0399	EA	2-1/2" Extension Frame For Type E Inlet (General Foundries 6352 EXT)	867.11	116.66
33 42 31 00-0400	EA	3" Extension Frame For Type E Inlet (General Foundries 6352 EXT)	906.72	116.66
33 42 31 00-0401	EA	2", 3 Sided Extension Frame For Type A, B, D, And E Inlet (Campbell Foundry 2701)	609.63	116.66
33 42 31 00-0402	EA	6" Type N Curb Back Piece For Type B And D Inlets (US Foundry 5218N6)	550.22	116.66
33 42 31 00-0403	EA	8" Type N Curb Back Piece For Type B And D Inlets (US Foundry 5218N8)	550.22	116.66
33 42 31 00-0404	EA	6" Radius Curb Back Piece For Type B And D Inlets (Campbell Foundry BSCB-6)	1,150.42	116.66
33 42 31 00-0405	EA	8" Radius Curb Back Piece For Type B And D Inlets (Campbell Foundry BSCB-8)	1,150.42	116.66
33 42 31 00-0406	EA	Safety Bars For Type B And D Inlets (General Foundries 5218 SB)	454.72	128.33
33 42 31 00-0407	EA	6", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 648) Note: Includes cam action clamping system and stainless steel badge labeled to center of plate.	642.87	128.33
33 42 31 00-0408	EA	8", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 848) Note: Includes cam action clamping system and stainless steel badge labeled to center of plate.	642.87	128.33
33 42 31 00-0409	EA	10", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 1048) Note: Includes cam action clamping system and stainless steel badge labeled to center of plate.	712.19	128.33
33 42 31 00-0410	EA	Type B Inlet Frame (US Foundry 5216 FRM)	821.12	128.33
33 42 31 00-0411	EA	Type D Inlet Frame (US Foundry 2999 FRM)	702.28	128.33
33 42 31 00-0412	EA	Type B Inlet Frame (Campbell Foundry 2618-0202)	1,009.27	128.33
33 42 31 00-0413	EA	Type D Inlet Frame (Campbell Foundry 2617-0002)	890.44	128.33
33 42 31 00-0414	EA	Type A Inlet, Single Frame And Grate (US Foundry 52340)	1,145.73	186.66
33 42 31 00-0415	EA	Type E Inlet, Single Frame And Grate (US Foundry 52342)	1,858.73	186.66
33 42 31 00-0416	EA	Type A Inlet, Single Frame And Grate (General Foundries 52340)	1,116.03	186.66
33 42 31 00-0417	EA	Type E Inlet, Double Frame And Grate (General Foundries 52342)	1,765.65	186.66
33 42 31 00-0418	EA	Oversized Type A Inlet, Single Frame And Reticuline Grate (US Foundry 82340)	1,877.06	280.00
33 42 31 00-0419	EA	Heavy Duty Rectangular Frame And Grate (Campbell Foundry 3084)	1,919.67	373.32
33 42 31 00-0420	EA	6" Curb Piece, Type B Inlet Frame And Grate (US Foundry 52186)	2,103.33	373.32
33 42 31 00-0421	EA	8" Curb Piece, Type B Inlet Frame And Grate (US Foundry 52198)	2,103.33	373.32
33 42 31 00-0422	EA	6" Curb Piece, Type D Inlet Frame And Grate (US Foundry 72266)	1,855.76	373.32
33 42 31 00-0423	EA	8" Curb Piece, Type D Inlet Frame And Grate (US Foundry 72268)	1,855.76	373.32
33 42 31 00-0424	EA	Type B And C Inlet Frame And Grate With Type N Curb And Back Plate (Campbell Foundry GFI 52198)	2,182.55	373.32

33 42 31 00-0425 Catch Basin Frames And Covers (33 42 31 00-0001)**33 42 31 00-0426 Cast Iron Frames And Covers (33 42 31 00-0425)**

33 42 31 00-0427	EA	18" Diameter Cast Iron Catch Basin Frame And Cover	751.45	102.62
33 42 31 00-0428	EA	22" Diameter Cast Iron Catch Basin Frame And Cover	949.20	115.96
33 42 31 00-0429	EA	24" Diameter Cast Iron Catch Basin Frame And Cover	1,073.59	120.06
33 42 31 00-0430	EA	26" Diameter Cast Iron Catch Basin Frame And Cover	1,209.50	139.55
33 42 31 00-0431	EA	28" Diameter Cast Iron Catch Basin Frame And Cover	1,416.89	159.06
33 42 31 00-0432	EA	32" Diameter Cast Iron Catch Basin Frame And Cover	2,255.35	166.23
33 42 31 00-0433	EA	16" x 16" Cast Iron Catch Basin Frame And Cover	1,224.28	126.21
33 42 31 00-0434	EA	18" x 24" Cast Iron Catch Basin Frame And Cover	1,594.74	145.72
33 42 31 00-0435	EA	20" x 27" Cast Iron Catch Basin Frame And Cover	1,802.38	151.87
33 42 31 00-0436	EA	23" x 23" Cast Iron Catch Basin Frame And Cover	1,703.65	151.87
33 42 31 00-0437	EA	24" x 24" Cast Iron Catch Basin Frame And Cover	1,760.91	158.02
33 42 31 00-0438	EA	26" x 26" Cast Iron Catch Basin Frame And Cover	1,890.58	164.18
33 42 31 00-0439	EA	24" x 36" Cast Iron Catch Basin Frame And Cover	2,271.22	176.50

33 42 31 00-0440 Stainless Steel Frame And Cover (33 42 31 00-0425)

33 42 31 00-0441	EA	24" x 24" Stainless Steel Catch Basin Cover With Filter And Access Cover Note: Swalgard Prefilter	8,620.87	176.50
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33 42 31 00-0442 Area Yard Drain (33 42 31 00-0001)**33 42 31 00-0443 Ductile Iron Grates (33 42 31 00-0442)**

Note: Not for traffic loading.				
33 42 31 00-0444	EA	8" Diameter Ductile Iron Grate Adapter Necks Down To 4" and 6" Diameter Pipe	161.38	35.57
33 42 31 00-0445	EA	10" Diameter Ductile Iron Grate Adapters To 4", 6", or 8" Diameter Pipe	199.34	37.95
33 42 31 00-0446	EA	12" Diameter Ductile Iron Grate Adapters To 4" Through 12" Diameter Pipe	474.58	47.44
33 42 31 00-0447	EA	15" Diameter Ductile Iron Grate Adapters To 4" Through 12" Diameter Pipe	567.00	56.93

33 42 31 00-0448 Concrete Drainage Inlet Structures (CALTRANS) (33 42 31 00-0001)**33 42 31 00-0449 Type OS Concrete Drainage Inlet Structure (33 42 31 00-0448)**

33 42 31 00-0450	EA	3' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	2,757.28	
33 42 31 00-0451	EA	4' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	3,205.17	
33 42 31 00-0452	EA	5' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	3,621.71	
33 42 31 00-0453	EA	6' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	4,006.91	
33 42 31 00-0454	EA	7' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	4,360.77	
33 42 31 00-0455	EA	8' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	4,683.29	
33 42 31 00-0456	EA	8' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	6,372.63	
33 42 31 00-0457	EA	10' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	7,431.53	
33 42 31 00-0458	EA	12' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	8,409.98	
33 42 31 00-0459	EA	14' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	9,310.03	
33 42 31 00-0460	EA	16' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	10,179.43	
33 42 31 00-0461	EA	18' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	10,980.57	
33 42 31 00-0462	EA	20' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	11,713.46	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 42 31 00-0463 Type OL-7 Concrete Drainage Inlet Structure (33 42 31 00-0448)

33 42 31 00-0464	EA	3'	Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,754.62	
33 42 31 00-0465	EA	4'	Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,173.84	
33 42 31 00-0466	EA	5'	Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,561.72	
33 42 31 00-0467	EA	6'	Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,918.27	
33 42 31 00-0468	EA	7'	Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,242.45	
33 42 31 00-0469	EA	8'	Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,536.32	
33 42 31 00-0470	EA	8'	Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,175.47	
33 42 31 00-0471	EA	10'	Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,209.88	
33 42 31 00-0472	EA	12'	Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,163.84	
33 42 31 00-0473	EA	14'	Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,038.37	
33 42 31 00-0474	EA	16'	Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,886.75	
33 42 31 00-0475	EA	18'	Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,666.86	
33 42 31 00-0476	EA	20'	Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,378.73	

33 42 31 00-0477 Type OL-10 Concrete Drainage Inlet Structure (33 42 31 00-0448)

33 42 31 00-0478	EA	3'	Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,673.71	
33 42 31 00-0479	EA	4'	Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,066.74	
33 42 31 00-0480	EA	5'	Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,427.42	
33 42 31 00-0481	EA	6'	Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,757.79	
33 42 31 00-0482	EA	7'	Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,055.79	
33 42 31 00-0483	EA	8'	Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,322.45	
33 42 31 00-0484	EA	8'	Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,978.33	
33 42 31 00-0485	EA	10'	Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,987.22	
33 42 31 00-0486	EA	12'	Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,917.70	
33 42 31 00-0487	EA	14'	Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,767.74	
33 42 31 00-0488	EA	16'	Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,594.06	
33 42 31 00-0489	EA	18'	Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,353.15	
33 42 31 00-0490	EA	20'	Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,042.96	

33 42 31 00-0491 Type OL-14 Concrete Drainage Inlet Structure (33 42 31 00-0448)

33 42 31 00-0492	EA	3'	Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,983.91	
33 42 31 00-0493	EA	4'	Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,338.42	
33 42 31 00-0494	EA	5'	Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,661.59	
33 42 31 00-0495	EA	6'	Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,953.43	
33 42 31 00-0496	EA	7'	Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,213.93	
33 42 31 00-0497	EA	8'	Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,443.10	
33 42 31 00-0498	EA	8'	Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,115.70	
33 42 31 00-0499	EA	10'	Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,089.80	
33 42 31 00-0500	EA	12'	Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,984.48	
33 42 31 00-0501	EA	14'	Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,799.73	
33 42 31 00-0502	EA	16'	Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,597.21	
33 42 31 00-0503	EA	18'	Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,325.38	
33 42 31 00-0504	EA	20'	Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,985.30	

33 42 31 00-0505 Type OL-21 Concrete Drainage Inlet Structure (33 42 31 00-0448)

33 42 31 00-0506	EA	3'	Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	8,643.43	
33 42 31 00-0507	EA	4'	Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	8,921.19	
33 42 31 00-0508	EA	5'	Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	9,167.61	
33 42 31 00-0509	EA	6'	Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	9,382.71	
33 42 31 00-0510	EA	7'	Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	9,565.43	
33 42 31 00-0511	EA	8'	Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	9,717.83	
33 42 31 00-0512	EA	8'	Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,340.27	
33 42 31 00-0513	EA	10'	Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,245.88	
33 42 31 00-0514	EA	12'	Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,072.08	
33 42 31 00-0515	EA	14'	Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,818.86	
33 42 31 00-0516	EA	16'	Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	14,557.42	
33 42 31 00-0517	EA	18'	Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	15,226.72	
33 42 31 00-0518	EA	20'	Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	15,827.75	

33 42 31 00-0519 Type GOL-7 Concrete Drainage Inlet Structure (33 42 31 00-0448)

33 42 31 00-0520	EA	3'	Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,556.38	
33 42 31 00-0521	EA	4'	Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,019.26	
33 42 31 00-0522	EA	5'	Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,446.26	
33 42 31 00-0523	EA	6'	Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,837.32	
33 42 31 00-0524	EA	7'	Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,193.50	
33 42 31 00-0525	EA	8'	Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,514.80	
33 42 31 00-0526	EA	8'	Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,296.12	
33 42 31 00-0527	EA	10'	Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,448.30	
33 42 31 00-0528	EA	12'	Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,511.19	
33 42 31 00-0529	EA	14'	Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,483.79	
33 42 31 00-0530	EA	16'	Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,428.92	
33 42 31 00-0531	EA	18'	Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,297.30	
33 42 31 00-0532	EA	20'	Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	14,087.90	

33 42 31 00-0533 Type GOL-10 Concrete Drainage Inlet Structure (33 42 31 00-0448)

33 42 31 00-0534	EA	3'	Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,553.70	
33 42 31 00-0535	EA	4'	Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,986.92	
33 42 31 00-0536	EA	5'	Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,385.24	

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
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33 42 31 00-0537	EA	6' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,748.68
33 42 31 00-0538	EA	7' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,076.22
33 42 31 00-0539	EA	8' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,367.83
33 42 31 00-0540	EA	8' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,149.15
33 42 31 00-0541	EA	10' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,274.73
33 42 31 00-0542	EA	12' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,311.02
33 42 31 00-0543	EA	14' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,258.03
33 42 31 00-0544	EA	16' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,180.25
33 42 31 00-0545	EA	18' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	14,025.71
33 42 31 00-0546	EA	20' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	14,794.41

33 42 31 00-0547 Type G-1 Concrete Drainage Inlet Structure (33 42 31 00-0448)

33 42 31 00-0548	EA	3' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,857.74
33 42 31 00-0549	EA	4' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,222.17
33 42 31 00-0550	EA	5' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,560.46
33 42 31 00-0551	EA	6' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,874.69
33 42 31 00-0552	EA	7' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,164.83
33 42 31 00-0553	EA	8' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,428.85

33 42 31 00-0554 Type G-2 Concrete Drainage Inlet Structure (33 42 31 00-0448)

33 42 31 00-0555	EA	3' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,561.74
33 42 31 00-0556	EA	4' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,971.64
33 42 31 00-0557	EA	5' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,352.89
33 42 31 00-0558	EA	6' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,705.48
33 42 31 00-0559	EA	7' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,029.42
33 42 31 00-0560	EA	8' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,323.69
33 42 31 00-0561	EA	8' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,854.12
33 42 31 00-0562	EA	10' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,831.14
33 42 31 00-0563	EA	12' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,735.10
33 42 31 00-0564	EA	14' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,566.03
33 42 31 00-0565	EA	16' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,368.73
33 42 31 00-0566	EA	18' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,108.67
33 42 31 00-0567	EA	20' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,784.85

33 42 31 00-0568 Type G-3 Concrete Drainage Inlet Structure (33 42 31 00-0448)

33 42 31 00-0569	EA	3' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,014.20
33 42 31 00-0570	EA	4' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,373.68
33 42 31 00-0571	EA	5' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,708.06
33 42 31 00-0572	EA	6' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,018.37
33 42 31 00-0573	EA	7' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,302.54
33 42 31 00-0574	EA	8' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,562.65

33 42 31 00-0575 Type G-4_24 Concrete Drainage Inlet Structure (33 42 31 00-0448)

33 42 31 00-0576	EA	3' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,483.52
33 42 31 00-0577	EA	4' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,895.89
33 42 31 00-0578	EA	5' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,279.60
33 42 31 00-0579	EA	6' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,633.64
33 42 31 00-0580	EA	7' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,960.04
33 42 31 00-0581	EA	8' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,256.78
33 42 31 00-0582	EA	8' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,820.67
33 42 31 00-0583	EA	10' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,799.43
33 42 31 00-0584	EA	12' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,704.12
33 42 31 00-0585	EA	14' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,535.77
33 42 31 00-0586	EA	16' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,339.04
33 42 31 00-0587	EA	18' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,079.58
33 42 31 00-0588	EA	20' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,757.35

33 42 31 00-0589 Type G-4_18 Concrete Drainage Inlet Structure (33 42 31 00-0448)

33 42 31 00-0590	EA	3' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,561.74
33 42 31 00-0591	EA	4' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,971.64
33 42 31 00-0592	EA	5' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,352.89
33 42 31 00-0593	EA	6' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,705.48
33 42 31 00-0594	EA	7' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,029.42
33 42 31 00-0595	EA	8' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,323.69
33 42 31 00-0596	EA	8' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,854.12
33 42 31 00-0597	EA	10' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,831.14
33 42 31 00-0598	EA	12' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,735.10
33 42 31 00-0599	EA	14' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,566.03
33 42 31 00-0600	EA	16' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,368.73
33 42 31 00-0601	EA	18' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,108.67
33 42 31 00-0602	EA	20' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,784.85

33 42 31 00-0603 Type G-5 Concrete Drainage Inlet Structure (33 42 31 00-0448)

33 42 31 00-0604	EA	3' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,994.64
33 42 31 00-0605	EA	4' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,354.48
33 42 31 00-0606	EA	5' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,690.26
33 42 31 00-0607	EA	6' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,999.89
33 42 31 00-0608	EA	7' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,285.46

	Utilities	33
	Stormwater Utilities	33 40
	Stormwater Conveyance	33 42
TOTAL DIRECT		DEMOLITION
UNIT COST		UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	33 42 31 00-0609	EA	8' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,545.92	
	33 42 31 00-0610		Type G-6 Concrete Drainage Inlet Structure (33 42 31 00-0448)		
	33 42 31 00-0611	EA	3' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,033.75	
	33 42 31 00-0612	EA	4' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,392.88	
	33 42 31 00-0613	EA	5' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,726.89	
	33 42 31 00-0614	EA	6' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,035.82	
	33 42 31 00-0615	EA	7' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,319.64	
	33 42 31 00-0616	EA	8' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,579.37	
	33 42 31 00-0617		Type GT1 Concrete Drainage Inlet Structure (33 42 31 00-0448)		
	33 42 31 00-0618	EA	3' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,402.62	
	33 42 31 00-0619	EA	4' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,964.74	
	33 42 31 00-0620	EA	5' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,527.39	
	33 42 31 00-0621	EA	6' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,971.64	
	33 42 31 00-0622	EA	7' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,415.37	
	33 42 31 00-0623	EA	8' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,820.67	
	33 42 31 00-0624		Type GT2 Concrete Drainage Inlet Structure (33 42 31 00-0448)		
	33 42 31 00-0625	EA	3' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,126.16	
	33 42 31 00-0626	EA	4' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,738.28	
	33 42 31 00-0627	EA	5' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,306.20	
	33 42 31 00-0628	EA	6' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,830.96	
	33 42 31 00-0629	EA	7' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,311.54	
	33 42 31 00-0630	EA	8' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,748.97	
	33 42 31 00-0631	EA	8' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,032.07	
	33 42 31 00-0632	EA	10' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,472.54	
	33 42 31 00-0633	EA	12' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,803.72	
	33 42 31 00-0634	EA	14' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,026.65	
	33 42 31 00-0635	EA	16' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	14,209.81	
	33 42 31 00-0636	EA	18' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	15,298.97	
	33 42 31 00-0637	EA	20' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	16,294.14	
	33 42 31 00-0638		Type GT3 Concrete Drainage Inlet Structure (33 42 31 00-0448)		
	33 42 31 00-0639	EA	3' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,383.06	
	33 42 31 00-0640	EA	4' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,945.55	
	33 42 31 00-0641	EA	5' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,469.60	
	33 42 31 00-0642	EA	6' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,954.18	
	33 42 31 00-0643	EA	7' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,398.28	
	33 42 31 00-0644	EA	8' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,803.94	
	33 42 31 00-0645		Type GT4 Concrete Drainage Inlet Structure (33 42 31 00-0448)		
	33 42 31 00-0646	EA	3' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,263.05	
	33 42 31 00-0647	EA	4' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,870.59	
	33 42 31 00-0648	EA	5' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,434.96	
	33 42 31 00-0649	EA	6' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,955.14	
	33 42 31 00-0650	EA	7' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,432.18	
	33 42 31 00-0651	EA	8' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,866.05	
	33 42 31 00-0652	EA	8' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,048.80	
	33 42 31 00-0653	EA	10' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,488.90	
	33 42 31 00-0654	EA	12' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,819.73	
	33 42 31 00-0655	EA	14' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,041.27	
	33 42 31 00-0656	EA	16' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	14,224.14	
	33 42 31 00-0657	EA	18' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	15,313.01	
	33 42 31 00-0658	EA	20' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	16,307.89	
	33 42 31 00-0659		Type GO Concrete Drainage Inlet Structure (33 42 31 00-0448)		
	33 42 31 00-0660	EA	3' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	2,424.85	
	33 42 31 00-0661	EA	4' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	2,820.13	
	33 42 31 00-0662	EA	5' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,187.49	
	33 42 31 00-0663	EA	6' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,526.90	
	33 42 31 00-0664	EA	7' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,838.39	
	33 42 31 00-0665	EA	8' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	4,122.98	
	33 42 31 00-0666	EA	8' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	5,670.13	
	33 42 31 00-0667	EA	10' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	6,617.98	
	33 42 31 00-0668	EA	12' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	7,493.35	
	33 42 31 00-0669	EA	14' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	8,298.29	
	33 42 31 00-0670	EA	16' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	9,077.20	
	33 42 31 00-0671	EA	18' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	9,793.61	
	33 42 31 00-0672	EA	20' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	10,449.58	
	33 42 31 00-0673		Type GDO Concrete Drainage Inlet Structure (33 42 31 00-0448)		
	33 42 31 00-0674	EA	3' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,167.95	
	33 42 31 00-0675	EA	4' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,687.58	
	33 42 31 00-0676	EA	5' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	4,170.65	
	33 42 31 00-0677	EA	6' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	4,618.18	
	33 42 31 00-0678	EA	7' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	5,028.11	

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
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33 42 31 00-0679	EA	8' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	5,402.51	
33 42 31 00-0680	EA	8' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	7,292.56	
33 42 31 00-0681	EA	10' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	8,514.27	
33 42 31 00-0682	EA	12' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	9,643.94	
33 42 31 00-0683	EA	14' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	10,682.60	
33 42 31 00-0684	EA	16' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	11,686.39	
33 42 31 00-0685	EA	18' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	12,611.02	
33 42 31 00-0686	EA	20' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	13,456.48	

33 42 33 Stormwater Curbside Drains and Inlets (33 42)**33 42 33 00-0001 Curb Inlet Frames And Covers (33 42 33)****33 42 33 00-0002 Cast Iron Curb Inlet Frames And Covers (33 42 33 00-0001)**

33 42 33 00-0003	EA	20" x 22" Cast Iron Curb Inlet Frame And Cover	1,526.74	120.06
33 42 33 00-0004	EA	22" x 24" Cast Iron Curb Inlet Frame And Cover	1,632.71	139.55
33 42 33 00-0005	EA	24" x 24" Cast Iron Curb Inlet Frame And Cover	1,697.39	139.55
33 42 33 00-0006	EA	27" x 27" Cast Iron Curb Inlet Frame And Cover	1,858.81	164.18
33 42 33 00-0007	EA	36" x 24" Cast Iron Curb Inlet Frame And Cover	1,839.45	175.47

33 42 36 Stormwater Trench Drains (33 42)**33 42 36 00-0001 Modular Trench Drains (33 42 36)**

See CSI section 03 31 13 00-0017 for concrete.

33 42 36 00-0002 Modular Trench Drains (33 42 36 00-0001)

Note: Excludes grates. See CSI section 33 42 36 00-0118 for grates.

33 42 36 00-0003 4" Wide, Modular Trench Drains (33 42 36 00-0002)**33 42 36 00-0004 4 Wide, High Density Polyethylene, Shallow Modular Trench Drains (33 42 36 00-0003)****33 42 36 00-0005 4 Wide, High Density Polyethylene, Shallow Modular Trench Drains (33 42 36 00-0004)**

33 42 36 00-0006	LF	4" Wide, High Density Polyethylene, Shallow Modular Trench Drain (Zurn Z844-C)	64.65	16.42
		<i>For Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add</i>	99.22	
		<i>For Galvanized Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add</i>	198.45	
		<i>For Stainless Steel Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add</i>	317.52	
		<i>For Type 304 Stainless Steel Top Veneer Frame, Add</i>	79.38	
		<i>For Aluminum Veneer Bronze Anodized Frame, Add</i>	39.69	

33 42 36 00-0007 Outlet Adapters For 4 Wide, High Density Polyethylene, Shallow Modular Trench Drains (33 42 36 00-0004)

33 42 36 00-0008	EA	Closed End Cap For 4" Wide, High Density Polyethylene, Shallow Modular Trench Drain	49.34	
33 42 36 00-0009	EA	No-Hub End Outlet For 4" Wide, High Density Polyethylene, Shallow Modular Trench Drain	59.59	
33 42 36 00-0010	EA	No-Hub Bottom Outlet For 4" Wide, High Density Polyethylene, Shallow Modular Trench Drain	59.59	

33 42 36 00-0011 6" Wide, Modular Trench Drains (33 42 36 00-0002)**33 42 36 00-0012 6" Wide, High Density Polyethylene, Modular Trench Drains (33 42 36 00-0011)****33 42 36 00-0013 6" Wide, High Density Polyethylene, Modular Trench Drains (33 42 36 00-0012)**

33 42 36 00-0014	LF	6" Wide, High Density Polyethylene, Modular Trench Drain	202.54	16.42
		<i>For Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add</i>	99.22	
		<i>For Galvanized Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add</i>	198.45	
		<i>For Stainless Steel Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add</i>	317.52	
		<i>For Type 304 Stainless Steel Top Veneer Frame, Add</i>	79.38	
		<i>For Aluminum Veneer Bronze Anodized Frame, Add</i>	39.69	

33 42 36 00-0015 Outlet Adapters For 6" Wide, High Density Polyethylene, Modular Trench Drains (33 42 36 00-0012)

33 42 36 00-0016	EA	Closed End Cap For 6" Wide, High Density Polyethylene, Modular Trench Drains	91.97	
33 42 36 00-0017	EA	No-Hub End Outlet For 6" Wide, High Density Polyethylene, Modular Trench Drains	102.22	
33 42 36 00-0018	EA	No-Hub Bottom Outlet For 6" Wide, High Density Polyethylene, Modular Trench Drains	102.22	

33 42 36 00-0019 Other Fittings For 6" Wide, High Density Polyethylene, Modular Trench Drains (33 42 36 00-0012)

33 42 36 00-0020	EA	Bottom Dome Strainer For 6" Wide, High Density Polyethylene, Modular Trench Drains	178.13	
33 42 36 00-0021	EA	Joint Connector For 6" Wide, High Density Polyethylene, Modular Trench Drains	178.13	
33 42 36 00-0022	EA	90 Degree, 45 Degree, Tee Or Side Outlet Charge For 6" Wide, High Density Polyethylene, Modular Trench Drains	845.11	
33 42 36 00-0023	EA	Cross For 6" Wide, High Density Polyethylene, Modular Trench Drains	1,638.91	
33 42 36 00-0024	EA	Cutting Charge For 6" Wide, High Density Polyethylene, Modular Trench Drains	198.45	

33 42 36 00-0025 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains (33 42 36 00-0011)**33 42 36 00-0026 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains (33 42 36 00-0025)**

33 42 36 00-0027	LF	6" Wide, Fiber Reinforced Polyester, Modular Trench Drain	295.81	16.42
		<i>For Black Acid Resistant Coated Frame, Add</i>	75.41	
		<i>For Galvanized Top Frame Assembly, Add</i>	75.41	
		<i>For Type 304 Stainless Steel Top Frame Assembly, Add</i>	277.83	

	Utilities	33	
	Stormwater Utilities	33 40	CS
	Stormwater Conveyance	33 42	
MINOR	TOTAL DIRECT	DEMOLITION	
CSI UOM DESCRIPTION	UNIT COST	UNIT COST	

33 42 36 00-0028		Outlet Adapters For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains (33 42 36 00-0025)		
33 42 36 00-0029	EA	Closed End Cap For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	99.91	
33 42 36 00-0030	EA	No-Hub End Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	110.16	
33 42 36 00-0031	EA	No-Hub Bottom Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	110.16	
33 42 36 00-0032		Other Fittings For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains (33 42 36 00-0025)		
33 42 36 00-0033	EA	Bottom Dome Strainer For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	178.13	
33 42 36 00-0034	EA	Joint Connector For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	178.13	
33 42 36 00-0035	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	845.11	
33 42 36 00-0036	EA	Cross For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	1,638.91	
33 42 36 00-0037	EA	Cutting Charge For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	198.45	
33 42 36 00-0038		6" Wide, Vinylester Fiberglass, Modular Trench Drains (33 42 36 00-0011)		
33 42 36 00-0039		6" Wide, Vinylester Fiberglass, Modular Trench Drains (33 42 36 00-0038)		
33 42 36 00-0040	LF	6" Wide, Vinylester Fiberglass, Modular Trench Drain	383.13	16.42
		<i>For Black Acid Resistant Coated Frame, Add</i>	75.41	
		<i>For Galvanized Top Frame Assembly, Add</i>	75.41	
		<i>For Type 304 Stainless Steel Top Frame Assembly, Add</i>	277.83	
33 42 36 00-0041		Outlet Adapters For 6" Wide, Vinylester Fiberglass, Modular Trench Drains (33 42 36 00-0038)		
33 42 36 00-0042	EA	Closed End Cap For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	163.41	
33 42 36 00-0043	EA	No-Hub End Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	173.66	
33 42 36 00-0044	EA	No-Hub Bottom Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	173.66	
33 42 36 00-0045		Other Fittings For 6" Wide, Vinylester Fiberglass, Modular Trench Drains (33 42 36 00-0038)		
33 42 36 00-0046	EA	Bottom Dome Strainer For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	178.13	
33 42 36 00-0047	EA	Joint Connector For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	178.13	
33 42 36 00-0048	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	845.11	
33 42 36 00-0049	EA	Cross For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	1,638.91	
33 42 36 00-0050	EA	Cutting Charge For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	198.45	
33 42 36 00-0051		6" Wide, Polymer Concrete, Modular Trench Drains (33 42 36 00-0011)		
33 42 36 00-0052		6" Wide, Polymer Concrete, Modular Trench Drains (33 42 36 00-0051)		
33 42 36 00-0053	LF	6" Wide, Polymer Concrete, Modular Trench Drain	459.45	
33 42 36 00-0054		Outlet Adapters For 6" Wide, Polymer Concrete, Modular Trench Drains (33 42 36 00-0051)		
33 42 36 00-0055	EA	Closed End Cap For 6" Wide, Polymer Concrete, Modular Trench Drain	181.80	
33 42 36 00-0056	EA	No-Hub End Outlet For 6" Wide, Polymer Concrete, Modular Trench Drain	221.15	
33 42 36 00-0057	EA	No-Hub Bottom Outlet For 6" Wide, Polymer Concrete, Modular Trench Drain	68.85	
33 42 36 00-0058		12" Wide, Modular Trench Drains (33 42 36 00-0002)		
33 42 36 00-0059		12" Wide, High Density Polyethylene, Modular Trench Drains (33 42 36 00-0058)		
33 42 36 00-0060		12" Wide, High Density Polyethylene, Modular Trench Drains (33 42 36 00-0059)		
33 42 36 00-0061	LF	12" Wide, High Density Polyethylene, Modular Trench Drain	382.50	22.57
		<i>For Acid Resistant Coated Top Frame, Add</i>	103.19	
		<i>For Galvanized Welded Frame Assembly, Add</i>	108.16	
		<i>For Type 304 Stainless Steel Top Frame, Add</i>	619.16	
33 42 36 00-0062		Outlet Adapters For 12" Wide, High Density Polyethylene, Modular Trench Drains (33 42 36 00-0059)		
33 42 36 00-0063	EA	End Cap For 12" Wide, High Density Polyethylene, Modular Trench Drains	190.10	
33 42 36 00-0064	EA	No-Hub End Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains	203.77	
33 42 36 00-0065	EA	No-Hub Bottom Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains	203.77	
33 42 36 00-0066		Other Fittings For 12" Wide, High Density Polyethylene, Modular Trench Drains (33 42 36 00-0059)		
33 42 36 00-0067	EA	Bottom Dome Strainer For 12" Wide, High Density Polyethylene, Modular Trench Drains	318.72	
33 42 36 00-0068	EA	Joint Connector For 12" Wide, High Density Polyethylene, Modular Trench Drains	417.94	
33 42 36 00-0069	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains	1,666.53	
33 42 36 00-0070	EA	Cross For 12" Wide, High Density Polyethylene, Modular Trench Drains	3,254.13	
33 42 36 00-0071	EA	Cutting Charges For 12" Wide, High Density Polyethylene, Modular Trench Drains	396.90	
33 42 36 00-0072		12" Wide, Fiber Reinforced Polyester, Modular Trench Drains (33 42 36 00-0058)		
33 42 36 00-0073		12" Wide, Fiber Reinforced Polyester, Modular Trench Drains (33 42 36 00-0072)		

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 42 36 00-0074	LF	12" Wide, Fiber Reinforced Polyester, Modular Trench Drain <i>For Acid Resistant Coated Top Frame, Add</i> <i>For Galvanized Welded Frame Assembly, Add</i> <i>For Type 304 Stainless Steel Top Frame, Add</i>	481.73 103.19 108.16 619.16	22.57
33 42 36 00-0075		Outlet Adapters For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains (33 42 36 00-0072)		
33 42 36 00-0076	EA	End Cap For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	198.04	
33 42 36 00-0077	EA	No-Hub End Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	211.71	
33 42 36 00-0078	EA	No-Hub Bottom Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	211.71	
33 42 36 00-0079		Other Fittings For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains (33 42 36 00-0072)		
33 42 36 00-0080	EA	Bottom Dome Strainer For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	318.72	
33 42 36 00-0081	EA	Joint Connector For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	417.94	
33 42 36 00-0082	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	1,666.53	
33 42 36 00-0083	EA	Cross For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	3,254.13	
33 42 36 00-0084	EA	Cutting Charges For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	396.90	
33 42 36 00-0085		12" Wide, Vinylester Fiberglass, Modular Trench Drains (33 42 36 00-0058)		
33 42 36 00-0086		12" Wide, Vinylester Fiberglass, Modular Trench Drains (33 42 36 00-0085)		
33 42 36 00-0087	LF	12" Wide, Vinylester Fiberglass, Modular Trench Drain..... <i>For Acid Resistant Coated Top Frame, Add</i> <i>For Galvanized Welded Frame Assembly, Add</i> <i>For Type 304 Stainless Steel Top Frame, Add</i>	680.18 103.19 108.16 619.16	22.57
33 42 36 00-0088		Outlet Adapters For 12" Wide, Vinylester Fiberglass, Modular Trench Drains (33 42 36 00-0085)		
33 42 36 00-0089	EA	End Cap For 12" Wide, Vinylester Fiberglass, Modular Trench Drains.....	495.71	
33 42 36 00-0090	EA	No-Hub End Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	509.38	
33 42 36 00-0091	EA	No-Hub Bottom Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	509.38	
33 42 36 00-0092		Other Fittings For 12" Wide, Vinylester Fiberglass, Modular Trench Drains (33 42 36 00-0085)		
33 42 36 00-0093	EA	Bottom Dome Strainer For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	318.72	
33 42 36 00-0094	EA	Joint Connector For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	417.94	
33 42 36 00-0095	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	1,666.53	
33 42 36 00-0096	EA	Cross For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	3,254.13	
33 42 36 00-0097	EA	Cutting Charges For 12" Wide, Vinylester Fiberglass, Modular Trench Drains.....	396.90	
33 42 36 00-0098		12" Wide, Polymer Concrete, Modular Trench Drains (33 42 36 00-0058)		
33 42 36 00-0099		12" Wide, Polymer Concrete, Modular Trench Drains (33 42 36 00-0098)		
33 42 36 00-0100	LF	12" Wide, Polymer Concrete, Modular Trench Drain	616.26	
33 42 36 00-0101		Outlet Adapters For 12" Wide, Polymer Concrete, Modular Trench Drains (33 42 36 00-0098)		
33 42 36 00-0102	EA	Closed End Cap For 12" Wide, Polymer Concrete, Modular Trench Drain.....	309.64	
33 42 36 00-0103	EA	No-Hub End Outlet For 12" Wide, Polymer Concrete, Modular Trench Drain.....	533.81	
33 42 36 00-0104	EA	No-Hub Bottom Outlet For 12" Wide, Polymer Concrete, Modular Trench Drain.....	121.57	
33 42 36 00-0105		23" Wide, Modular Trench Drains (33 42 36 00-0002)		
33 42 36 00-0106		23" Wide, High Density Polyethylene, Modular Trench Drains (33 42 36 00-0105)		
33 42 36 00-0107		23" Wide, High Density Polyethylene, Modular Trench Drains (33 42 36 00-0106)		
33 42 36 00-0108	LF	23" Wide, High Density Polyethylene, Modular Trench Drain	536.48 154.79 154.79 952.56	30.78
33 42 36 00-0109		Outlet Adapters For 23" Wide, High Density Polyethylene, Modular Trench Drains (33 42 36 00-0106)		
33 42 36 00-0110	EA	End Cap For 23" Wide, High Density Polyethylene, Modular Trench Drains	608.03	
33 42 36 00-0111	EA	No-Hub End Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains.....	885.01	
33 42 36 00-0112	EA	No-Hub Bottom Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains	885.01	
33 42 36 00-0113		Other Fittings For 23" Wide, High Density Polyethylene, Modular Trench Drains (33 42 36 00-0106)		
33 42 36 00-0114	EA	Bottom Dome Strainer For 23" Wide, High Density Polyethylene, Modular Trench Drains.....	725.36	
33 42 36 00-0115	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains	3,303.45	
33 42 36 00-0116	EA	Cross For 23" Wide, High Density Polyethylene, Modular Trench Drains.....	6,478.65	
33 42 36 00-0117	EA	Cutting Charges For 23" Wide, High Density Polyethylene, Modular Trench Drains	793.80	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 42 36 00-0118	Modular Trench Drain Grates (33 42 36 00-0001)	
33 42 36 00-0119	4" Wide, Modular Trench Drain Grates (33 42 36 00-0118)	
33 42 36 00-0120	LF 4" Wide, Polypropylene, Silver Heel Proof, Modular Trench Drain Grate (Zurn Z884-P4-HPP)	41.86 3.08
33 42 36 00-0121	LF 4" Wide, Class C Cast Iron, Modular Trench Drain Grate (Zurn Z884-P4-CG)	44.02 3.08
33 42 36 00-0122	LF 4" Wide, Galvanized Steel Slotted, Modular Trench Drain Grate (Zurn Z884-P4-FG)	35.38 3.08
33 42 36 00-0123	LF 4" Wide, Stainless Steel Slotted, Modular Trench Drain Grate (Zurn Z884-P4-FS)	94.79 3.08
33 42 36 00-0124	LF 4" Wide, Galvanized Steel Perforated, Modular Trench Drain Grate (Zurn Z884-P4-FG)	35.38 3.08
33 42 36 00-0125	LF 4" Wide, Stainless Steel Perforated, Modular Trench Drain Grate (Zurn Z884-P4-FS)	94.79 3.08

33 42 36 00-0126	6" Wide, Modular Trench Drain Grates (33 42 36 00-0118)	
33 42 36 00-0127	LF 6" Wide, Galvanized Ductile Iron Cast Bar, Modular Trench Drain Grate	195.64 3.08
33 42 36 00-0128	LF 6" Wide, Ductile Iron Cast Bar, Modular Trench Drain Grate	165.68 3.08
33 42 36 00-0129	LF 6" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	174.01 3.08
33 42 36 00-0130	LF 6" Wide, Ductile Iron Slotted, Modular Trench Drain Grate	151.98 3.08
33 42 36 00-0131	LF 6" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate	163.89 3.08
33 42 36 00-0132	LF 6" Wide, Heel Proof Ductile Iron, Modular Trench Drain Grate	165.87 3.08
33 42 36 00-0133	LF 6" Wide, Ductile Iron Longitudinal Slotted, Modular Trench Drain Grate	165.87 3.08
33 42 36 00-0134	LF 6" Wide, Galvanized Cast Iron Slotted, Modular Trench Drain Grate	163.89 3.08
33 42 36 00-0135	LF 6" Wide, Galvanized Steel Slotted, Modular Trench Drain Grate	144.05 3.08
33 42 36 00-0136	LF 6" Wide, Perforated Galvanized Steel, Modular Trench Drain Grate	144.05 3.08
33 42 36 00-0137	LF 6" Wide, Reinforced Galvanized Steel Slotted, Modular Trench Drain Grate	153.17 3.08
33 42 36 00-0138	LF 6" Wide, Reinforced Perforated Galvanized Steel, Modular Trench Drain Grate	153.17 3.08
33 42 36 00-0139	LF 6" Wide, Fabricated Stainless Steel Slotted, Modular Trench Drain Grate	199.61 3.08
33 42 36 00-0140	LF 6" Wide, Perforated Stainless Steel, Modular Trench Drain Grate	199.61 3.08
33 42 36 00-0141	LF 6" Wide, Reinforced Stainless Steel Slotted, Modular Trench Drain Grate	366.31 3.08
33 42 36 00-0142	LF 6" Wide, Reinforced Perforated Stainless Steel, Modular Trench Drain Grate	366.31 3.08
33 42 36 00-0143	LF 6" Wide, Stainless Steel Bar, Modular Trench Drain Grate	1,021.19 3.08
33 42 36 00-0144	LF 6" Wide, Heel Proof Polyethylene, Modular Trench Drain Grate	136.11 3.08
33 42 36 00-0145	LF 6" Wide, Fiberglass, Modular Trench Drain Grate	294.87 3.08

33 42 36 00-0146	12" Wide, Modular Trench Drain Grates (33 42 36 00-0118)	
33 42 36 00-0147	LF 12" Wide, Black Acid Resistant Coated Ductile Iron, Modular Trench Drain Grate	541.47 3.34
33 42 36 00-0148	LF 12" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	517.65 3.34
33 42 36 00-0149	LF 12" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate	450.18 3.34
33 42 36 00-0150	LF 12" Wide, Heel Proof Ductile Iron, Modular Trench Drain Grate	473.00 3.34
33 42 36 00-0151	LF 12" Wide, Perforated Galvanized Steel, Modular Trench Drain Grate	408.50 3.34
33 42 36 00-0152	LF 12" Wide, Reinforced Galvanized Steel Slotted, Modular Trench Drain Grate	800.44 3.34
33 42 36 00-0153	LF 12" Wide, Reinforced Perforated Galvanized Steel, Modular Trench Drain Grate	800.44 3.34
33 42 36 00-0154	LF 12" Wide, Fabricated Stainless Steel Slotted, Modular Trench Drain Grate	1,021.71 3.34
33 42 36 00-0155	LF 12" Wide, Perforated Stainless Steel, Modular Trench Drain Grate	1,021.71 3.34
33 42 36 00-0156	LF 12" Wide, Reinforced Stainless Steel Slotted, Modular Trench Drain Grate	1,304.51 3.34
33 42 36 00-0157	LF 12" Wide, Reinforced Perforated Stainless Steel Slotted, Modular Trench Drain Grate	1,304.51 3.34
33 42 36 00-0158	LF 12" Wide, Stainless Steel Cast Bar, Modular Trench Drain Grate	1,238.02 3.34
33 42 36 00-0159	LF 12" Wide, Fiberglass, Modular Trench Drain Grate	584.13 3.34

33 42 36 00-0160	23" Wide, Modular Trench Drain Grates (33 42 36 00-0118)	
33 42 36 00-0161	LF 23" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	855.52 3.59
33 42 36 00-0162	LF 23" Wide, Ductile Iron Slotted, Modular Trench Drain Grate	720.57 3.59
33 42 36 00-0163	LF 23" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate	1,117.47 3.59
33 42 36 00-0164	LF 23" Wide, Heel Proof Longitudinal Ductile Iron, Modular Trench Drain Grate	827.73 3.59

33 44 Storm Utility Water Drains (33 40)

33 44 36 Oil and Stormwater Separators (33 44)

33 44 36 00-0001	Oil/Water Separator (33 44 36) Note: Complete with internal sensors and detectors.	
33 44 36 00-0002	Coalescing Oil Water Separator (33 44 36 00-0001) Note: Underground tank with interior polyurethane coating. Includes manways, coalescer, inlet and outlet spools, pump mount, 2" level sensor pipe and 4" pump out pipe. HighGuard as manufactured by Highland Tank, Stoystown, PA.	
33 44 36 00-0003	Single Wall Steel Coalescing Oil Water Separator (33 44 36 00-0002)	
33 44 36 00-0004	EA 550 Gallon, 55 GPM Single Wall Steel Coalescing Oil Water Separator With Manways	18,291.93
	Note: HTC-G 550. 3'-6" diameter x 10'-9" long tank.	
	For Interior Polyurethane Coating, Add	711.00
33 44 36 00-0005	EA 1,000 Gallon, 100 GPM Single Wall Steel Coalescing Oil Water Separator With Manways	22,378.19
	Note: HTC-G 1000. 4' diameter x 14' long tank.	
	For Interior Polyurethane Coating, Add	893.70
33 44 36 00-0006	EA 2,000 Gallon, 200 GPM Single Wall Steel Coalescing Oil Water Separator With Manways	26,795.86
	Note: HTC-G 2000. 5'-4" diameter x 15' long tank.	
	For Interior Polyurethane Coating, Add	1,340.10
33 44 36 00-0007	Double Wall Steel Coalescing Oil Water Separator (33 44 36 00-0002)	
33 44 36 00-0008	EA 550 Gallon, 55 GPM Double Wall Steel Coalescing Oil Water Separator With Manways	28,406.02
	Note: HTC-G 550. 3'-6" diameter x 10'-9" long tank.	
	For Interior Polyurethane Coating, Add	711.00

33 Utilities**33 40 Stormwater Utilities****33 44 Storm Utility Water Drains**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 44 36 00-0009	EA	1,000 Gallon, 100 GPM Double Wall Steel Coalescing Oil Water Separator With Manways.....	32,670.27	
		Note: HTC-G 1000. 4' diameter x 14' long tank.		
		<i>For Interior Polyurethane Coating, Add</i>	893.70	
33 44 36 00-0010	EA	2,000 Gallon, 200 GPM Double Wall Steel Coalescing Oil Water Separator With Manways.....	39,894.58	
		Note: HTC-G 2000. 5'-4" diameter x 15' long tank.		
		<i>For Interior Polyurethane Coating, Add</i>	1,340.10	
33 44 36 00-0011	EA	3,000 Gallon, 300 GPM Double Wall Steel Coalescing Oil Water Separator With Manways.....	46,432.42	
		Note: HTC-G 3000. 5'-4" diameter x 21'-4" long tank.		
		<i>For Interior Polyurethane Coating, Add</i>	1,550.70	
33 44 36 00-0012	EA	5,000 Gallon, 500 GPM Double Wall Steel Coalescing Oil Water Separator With Manways.....	61,638.41	
		Note: HTC-G 5000. 6' diameter x 28'-8" long tank.		
		<i>For Interior Polyurethane Coating, Add</i>	2,057.80	

33 44 36 00-0013 Accessories For Coalescing Oil Water Separators (33 44 36 00-0002)

33 44 36 00-0014	EA	Single Channel Alarm Panel For Coalescing Oil Water Separator	1,129.05	
		Note: HTAP1.		
33 44 36 00-0015	EA	Two Channel Alarm Panel For Coalescing Oil Water Separator.....	1,536.38	
		Note: HTAP2.		
33 44 36 00-0016	EA	Float Interface Sensor For Coalescing Oil Water Separator	914.73	
		Note: Required for UL 2215 label.		
33 44 36 00-0017	EA	1-1/2" Liquid Only Sensor For Coalescing Oil Water Separator.....	674.59	
		Note: Required for UL 2215 label.		
33 44 36 00-0018	EA	Polyvinyl Chloride (PVC) Cap For 2" Sensor For Coalescing Oil Water Separator.....	224.33	
		Note: Required for UL 2215 label.		
33 44 36 00-0019	EA	550, 1,000 Or 2,000 Gallon Tank Concrete Deadmen Set (2 Each) For Coalescing Oil Water Separator	3,874.80	
33 44 36 00-0020	EA	3,000 Gallon Tank Concrete Deadmen Set (4 Each) For Coalescing Oil Water Separator	7,749.60	
33 44 36 00-0021	EA	5,000 Gallon Tank Concrete Deadmen Set (6 Each) For Coalescing Oil Water Separator	11,624.47	
33 44 36 00-0022	EA	550 Or 1,000 Gallon Tank Polyester Hold Down Straps (2 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	693.64	
33 44 36 00-0023	EA	2,000 Gallon Tank Polyester Hold Down Straps (2 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	821.71	
33 44 36 00-0024	EA	3,000 Gallon Tank Polyester Hold Down Straps (4 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	1,643.44	
33 44 36 00-0025	EA	5,000 Gallon Tank Polyester Hold Down Straps (6 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	3,665.85	
33 44 36 00-0026	EA	30" Diameter Grade Level Manway For Coalescing Oil Water Separator.....	993.81	
		Note: Required when installed in paved areas.		
33 44 36 00-0027	EA	36" Diameter Grade Level Manway For Coalescing Oil Water Separator.....	1,297.63	
		Note: Required when installed in paved areas.		
33 44 36 00-0028	EA	48" Diameter Grade Level Manway For Coalescing Oil Water Separator.....	1,801.59	
		Note: Required when installed in paved areas.		
33 44 36 00-0029	EA	54" x 54" Grade Level Manway For Coalescing Oil Water Separator	3,298.45	
		Note: Required when installed in paved areas.		
33 44 36 00-0030	EA	66" x 54" Grade Level Manway For Coalescing Oil Water Separator	4,246.99	
		Note: Required when installed in paved areas.		
33 44 36 00-0031	EA	66" x 66" Grade Level Manway For Coalescing Oil Water Separator	5,335.62	
		Note: Required when installed in paved areas.		
33 44 36 00-0032	EA	78" x 66" Grade Level Manway For Coalescing Oil Water Separator	6,732.42	
		Note: Required when installed in paved areas.		
33 44 36 00-0033	EA	550 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	1,334.77	
33 44 36 00-0034	EA	1,000 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	1,626.94	
33 44 36 00-0035	EA	2,000 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	2,555.47	
33 44 36 00-0036	EA	550 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	1,272.73	
33 44 36 00-0037	EA	1,000 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	1,544.89	
33 44 36 00-0038	EA	2,000 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	1,833.05	
33 44 36 00-0039	EA	18" Manhole Gasket (Material Only) For Coalescing Oil Water Separator	108.06	
33 44 36 00-0040	EA	24" Manhole Gasket (Material Only) For Coalescing Oil Water Separator	122.07	

33 44 36 00-0041 Oil Skimmers (33 44 36)**33 44 36 00-0042 Oil Skimmers, 12" And 24" Models (33 44 36 00-0041)**

33 44 36 00-0043	EA	Oil Skimmers, TENV, 12" Open, 1/2 HP, 230/460 Volt, 3 Phase	5,131.96	641.42
33 44 36 00-0044	EA	Oil Skimmers, Explosion-Proof, 12" Open, 1/2 HP, 230/460 Volt, 3 Phase	5,367.76	641.42
33 44 36 00-0045	EA	Oil Skimmers, TENV, 12" Open, 1/2 HP, 115/220 Volt, 1 Phase	5,153.80	641.42
33 44 36 00-0046	EA	Oil Skimmers, Explosion-Proof, 12" Open, 1/2 HP, 115/220 Volt, 1 Phase	5,456.18	641.42
33 44 36 00-0047	EA	Oil Skimmers, TENV, 12" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	5,401.60	641.42
33 44 36 00-0048	EA	Oil Skimmers, Explosion-Proof, 12" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	5,601.37	641.42
33 44 36 00-0049	EA	Oil Skimmers, TENV, 12" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	5,452.90	641.42
33 44 36 00-0050	EA	Oil Skimmers, Explosion-Proof, 12" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	5,754.20	641.42
33 44 36 00-0051	EA	Oil Skimmers, TENV, 24" Open, 1/2 HP, 230/460 Volt, 3 Phase	5,813.10	855.41
33 44 36 00-0052	EA	Oil Skimmers, Explosion-Proof, 24" Open, 1/2 HP, 230/460 Volt, 3 Phase	6,065.27	855.41
33 44 36 00-0053	EA	Oil Skimmers, TENV, 24" Open, 1/2 HP, 115/220 Volt, 1 Phase	5,879.69	855.41
33 44 36 00-0054	EA	Oil Skimmers, Explosion-Proof, 24" Open, 1/2 HP, 115/220 Volt, 1 Phase	6,242.12	855.41
33 44 36 00-0055	EA	Oil Skimmers, TENV, 24" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	6,450.62	855.41
33 44 36 00-0056	EA	Oil Skimmers, Explosion-Proof, 24" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	6,702.79	855.41
33 44 36 00-0057	EA	Oil Skimmers, TENV, 24" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	6,504.11	855.41
33 44 36 00-0058	EA	Oil Skimmers, Explosion-Proof, 24" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	6,867.63	855.41

33 44 36 00-0059 Oil Skimmers, Add-Ons (33 44 36 00-0041)

33 44 36 00-0060	LF	Add For Belt Projection, 12" Width.....	16.37	
33 44 36 00-0061	LF	Add For Belt Projection, 24" Width.....	30.57	
33 44 36 00-0062	LF	Add For Spacer Stands, 12" Models.....	268.45	
33 44 36 00-0063	LF	Add For Spacer Stands, 24" Models.....	316.48	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 50 Hydrocarbon Utilities ⁽³³⁾

33 52 Hydrocarbon Transmission and Distribution ^(33 50)

33 52 16 Gas Hydrocarbon Piping ^(33 52)

33 52 16 13 Steel Natural Gas Piping ^(33 52 16)

See CSI section 23 05 23 00-0000 for gas valves.

33 52 16 13-0001		Gas Distribution Lines ^(33 52 16 13)		
		Note: Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.		
33 52 16 13-0002		Steel, Schedule 40, Plain End, Coal Tar Enamel And Wrapped ^(33 52 16 13-0001)		
33 52 16 13-0003	LF	1/2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	26.33	2.82
33 52 16 13-0004	LF	3/4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	30.78	3.09
33 52 16 13-0005	LF	1" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	36.36	3.17
33 52 16 13-0006	LF	1-1/4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	37.29	3.25
33 52 16 13-0007	LF	1-1/2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	38.94	3.31
33 52 16 13-0008	LF	2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	41.14	3.54
33 52 16 13-0009	LF	2-1/2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	59.66	4.18
33 52 16 13-0010	LF	3" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	74.18	5.27
33 52 16 13-0011	LF	4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	102.21	6.37
33 52 16 13-0012	LF	5" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	141.73	7.38
33 52 16 13-0013	LF	6" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	178.99	9.02
33 52 16 13-0014	LF	8" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	265.10	11.60

33 52 16 13-0015 Gas Line Taps ^(33 52 16 13-0001)
Note: Includes material to tap into main and gas valve.

33 52 16 13-0016		Polyethylene, 60 PSI ^(33 52 16 13-0015)		
33 52 16 13-0017	EA	2" Polyethylene Hot Tap, With Valve.....	4,157.47	
33 52 16 13-0018	EA	2-1/2" Polyethylene Hot Tap, With Valve.....	2,075.28	
33 52 16 13-0019	EA	3" Polyethylene Hot Tap, With Valve.....	2,186.91	
33 52 16 13-0020	EA	4" Polyethylene Hot Tap, With Valve.....	7,208.88	
33 52 16 13-0021	EA	6" Polyethylene Hot Tap, With Valve.....	11,302.73	

33 52 16 13-0022 Steel, Schedule 40 ^(33 52 16 13-0015)
Note: For punch steel service tee.

33 52 16 13-0023	EA	1/2" Iron Pipe Size Weld Base, 1/2" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee.....	3,026.51	
33 52 16 13-0024	EA	3/4" Iron Pipe Size Weld Base, 1/2" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee.....	3,077.86	
33 52 16 13-0025	EA	3/4" Iron Pipe Size Weld Base, 3/4" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee.....	3,145.85	
33 52 16 13-0026	EA	3/4" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee.....	3,211.91	
33 52 16 13-0027	EA	1" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee.....	3,263.11	
33 52 16 13-0028	EA	1-1/4" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee.....	3,555.43	
33 52 16 13-0029	EA	1-1/4" Iron Pipe Size Weld Base, 1-1/4" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee.....	3,642.24	

33 52 16 13-0030 Protective Pipe And Fitting Wrap ^(33 52 16 13-0001)
Note: Includes cleaning and priming pipe.

33 52 16 13-0031 Corrosion Protection Pipe Wrap For Pipe ^(33 52 16 13-0030)
Note: Field applied.

33 52 16 13-0032	LF	1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	3.21	
33 52 16 13-0033	LF	3/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	3.39	
33 52 16 13-0034	LF	1" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	3.61	
33 52 16 13-0035	LF	1-1/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	4.03	
33 52 16 13-0036	LF	1-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	4.35	
33 52 16 13-0037	LF	2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	4.98	
33 52 16 13-0038	LF	2-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	5.99	
33 52 16 13-0039	LF	3" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	7.33	
33 52 16 13-0040	LF	4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	9.16	
33 52 16 13-0041	LF	6" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	12.03	

33 52 16 13-0042 Corrosion Resistance Wrap And Coat - Fittings ^(33 52 16 13-0030)
Note: Field applied.

33 52 16 13-0043	EA	1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings.....	19.49	
33 52 16 13-0044	EA	3/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings.....	19.49	
33 52 16 13-0045	EA	1" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings.....	24.14	
33 52 16 13-0046	EA	1-1/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings.....	27.03	
33 52 16 13-0047	EA	1-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings.....	27.03	
33 52 16 13-0048	EA	2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings.....	31.99	
33 52 16 13-0049	EA	2-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings.....	42.79	
33 52 16 13-0050	EA	3" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings.....	57.38	
33 52 16 13-0051	EA	4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings.....	57.89	
33 52 16 13-0052	EA	6" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings.....	66.45	

33 Utilities**33 50 Hydrocarbon Utilities****33 52 Hydrocarbon Transmission and Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 52 16 13-0053	Service Fittings (33 52 16 13-0001)			
33 52 16 13-0054	Brass Fittings (33 52 16 13-0053)			
33 52 16 13-0055	EA 1/2" X 2" Long Nipples, Threaded Both Ends, Brass	37.87		
33 52 16 13-0056	EA 3/4" X 2" Long Nipples, Threaded Both Ends, Brass	44.22		
33 52 16 13-0057	EA 1" X 2" Long Nipples, Threaded Both Ends, Brass	56.45		
33 52 16 13-0058	EA 1-1/4" X 2" Long Nipples, Threaded Both Ends, Brass	70.58		
33 52 16 13-0059	EA 1-1/2" X 2" Long Nipples, Threaded Both Ends, Brass	79.45		
33 52 16 13-0060	EA 2" X 2" Long Nipples, Threaded Both Ends, Brass	104.48		
33 52 16 13-0061	EA 1/2" 90 Degree Elbow, Brass	32.42		
33 52 16 13-0062	EA 3/4" 90 Degree Elbow, Brass	37.46		
33 52 16 13-0063	EA 1" 90 Degree Elbow, Brass	49.06		
33 52 16 13-0064	EA 1-1/4" 90 Degree Elbow, Brass	64.15		
33 52 16 13-0065	EA 1-1/2" 90 Degree Elbow, Brass	73.69		
33 52 16 13-0066	EA 2" 90 Degree Elbow, Brass	99.73		
33 52 16 13-0067	EA 1/2" Diameter Chrome Plated Nipple	28.34		
33 52 16 13-0068	EA 3/4" Diameter Chrome Plated Nipple	36.73		
33 52 16 13-0069	EA 1" Diameter Chrome Plated Nipple	47.87		
33 52 16 13-0070	EA 1-1/4" Diameter Chrome Plated Nipple	68.61		
33 52 16 13-0071	EA 1-1/2" Diameter Chrome Plated Nipple	83.82		
33 52 16 13-0072	EA 2" Diameter Chrome Plated Nipple	114.58		
33 52 16 13-0073	Anodless Gas Riser (33 52 16 13-0053)			
33 52 16 13-0074	EA 3/4" Anodless Gas Riser	95.90		
33 52 16 13-0075	EA 1" Anodless Gas Riser	118.89		
33 52 16 13-0076	EA 1-1/4" Anodless Gas Riser	140.01		
33 52 16 13-0077	EA 1-1/2" Anodless Gas Riser	176.24		
33 52 16 13-0078	EA 2" Anodless Gas Riser	202.94		
33 52 16 13-0079	Brass Service Adapter (33 52 16 13-0053)			
33 52 16 13-0080	EA 1/2" Brass Service Adapter	71.08		
33 52 16 13-0081	EA 3/4" Brass Service Adapter	78.22		
33 52 16 13-0082	EA 1" Brass Service Adapter	93.96		
33 52 16 13-0083	EA 1-1/4" Brass Service Adapter	114.97		
33 52 16 13-0084	EA 1-1/2" Brass Service Adapter	139.04		
33 52 16 13-0085	EA 2" Brass Service Adapter	168.30		
33 52 16 13-0086	EA 2-1/2" Brass Service Adapter	276.68		
33 52 16 13-0087	EA 3" Brass Service Adapter	338.03		
33 52 16 13-0088	EA 4" Brass Service Adapter	487.23		
33 52 16 23	Medium Density Polyethylene Piping for Natural Gas (33 52 16)			
33 52 16 23-0001	Medium Density Polyethylene (MDPE) Gas Distribution Piping (33 52 16 23)			
	Note: PE2406/PE2708. Includes couplings, #12 tracer wire, helically wrapped around piping.			
33 52 16 23-0002	LF 1/2" Diameter, SDR 9, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	3.97	1.76	
	For Colors, Add	0.05		
33 52 16 23-0003	LF 3/4" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	4.41	1.88	
	For SDR 13.5, Deduct	-0.11		
	For Colors, Add	0.07		
33 52 16 23-0004	LF 1" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	4.86	2.01	
	For SDR 13.5, Deduct	-0.13		
	For Colors, Add	0.08		
33 52 16 23-0005	LF 1-1/4" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	5.33	2.14	
	For SDR 13.5, Deduct	-0.16		
	For Colors, Add	0.10		
33 52 16 23-0006	LF 1-1/2" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	6.13	2.58	
	For SDR 13.5, Deduct	-0.22		
	For Colors, Add	0.14		
33 52 16 23-0007	LF 2" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	6.92	2.80	
	For SDR 13.5, Deduct	-0.29		
	For SDR 15.5, Deduct	-0.53		
	For Colors, Add	0.19		
33 52 16 23-0008	LF 2-1/2" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	8.74	3.28	
	For SDR 13.5, Deduct	-0.48		
	For SDR 15.5, Deduct	-0.89		
	For Colors, Add	0.31		
33 52 16 23-0009	LF 3" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	10.66	3.90	
	For SDR 13.5, Deduct	-0.66		
	For SDR 15.5, Deduct	-1.21		
	For Colors, Add	0.43		
33 52 16 23-0010	LF 4" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	17.15	4.43	
	For SDR 13.5, Deduct	-1.22		
	For SDR 15.5, Deduct	-2.24		
	For Colors, Add	0.79		
33 52 16 23-0011	LF 5" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	21.68	4.43	
	For SDR 13.5, Deduct	-1.69		
	For SDR 15.5, Deduct	-3.11		
	For Colors, Add	1.09		
33 52 16 23-0012	LF 6" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	26.32	4.43	
	For SDR 13.5, Deduct	-2.17		
	For SDR 15.5, Deduct	-3.98		
	For Colors, Add	1.40		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 52 16 23-0013	LF	8" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	39.03	5.54
		<i>For SDR 13.5, Deduct</i>	-3.60	
		<i>For SDR 15.5, Deduct</i>	-6.63	
		<i>For Colors, Add</i>	2.33	

33 52 16 26 High Density Polyethylene Piping for Natural Gas (33 52 16)

33 52 16 26-0001		High Density Polyethylene (HDPE) Gas Distribution Piping <small>(33 52 16 26)</small>		
		<small>Note: ASTM F2619, ASTM D2513, API 15 LE. Includes couplings, #12 tracer wire, helically wrapped around piping.</small>		
33 52 16 26-0002	LF	1/2" Diameter, SDR 9 High Density Polyethylene (HDPE) Gas Distribution Pipe	4.04	1.76
33 52 16 26-0003	LF	3/4" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	4.51	1.88
		<i>For SDR 13.5, Deduct</i>	-0.12	
33 52 16 26-0004	LF	1" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	4.95	2.01
		<i>For SDR 13.5, Deduct</i>	-0.14	
33 52 16 26-0005	LF	1-1/4" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	5.45	2.14
		<i>For SDR 13.5, Deduct</i>	-0.17	
33 52 16 26-0006	LF	1-1/2" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	6.31	2.58
		<i>For SDR 13.5, Deduct</i>	-0.25	
33 52 16 26-0007	LF	2" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	7.16	2.80
		<i>For SDR 13.5, Deduct</i>	-0.32	
		<i>For SDR 15.5, Deduct</i>	-0.59	
		<i>For SDR 17, Deduct</i>	-0.85	
33 52 16 26-0008	LF	2-1/2" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	9.13	3.28
		<i>For SDR 13.5, Deduct</i>	-0.53	
		<i>For SDR 15.5, Deduct</i>	-0.98	
		<i>For SDR 17, Deduct</i>	-1.42	
33 52 16 26-0009	LF	3" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	11.20	3.90
		<i>For SDR 13.5, Deduct</i>	-0.73	
		<i>For SDR 15.5, Deduct</i>	-1.34	
		<i>For SDR 17, Deduct</i>	-1.94	
		<i>For SDR 21, Deduct</i>	-2.65	
33 52 16 26-0010	LF	4" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	18.13	4.43
		<i>For SDR 13.5, Deduct</i>	-1.34	
		<i>For SDR 15.5, Deduct</i>	-2.47	
		<i>For SDR 17, Deduct</i>	-3.58	
		<i>For SDR 21, Deduct</i>	-4.90	
33 52 16 26-0011	LF	6" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	28.07	4.43
		<i>For SDR 13.5, Deduct</i>	-2.38	
		<i>For SDR 15.5, Deduct</i>	-4.38	
		<i>For SDR 17, Deduct</i>	-6.36	
		<i>For SDR 21, Deduct</i>	-8.70	
33 52 16 26-0012	LF	8" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	41.94	5.54
		<i>For SDR 13.5, Deduct</i>	-3.97	
		<i>For SDR 15.5, Deduct</i>	-7.29	
		<i>For SDR 17, Deduct</i>	-10.59	
		<i>For SDR 21, Deduct</i>	-14.49	

33 53 Hydrocarbon Utility Pressure Regulation (33 50)

33 53 16 Gas Hydrocarbon Pressure Regulation (33 53)

33 53 16 00-0001		Gas Pressure Regulators With Screwed And Flanged Ends <small>(33 53 16)</small>		
33 53 16 00-0002	EA	3/4" Gas Pressure Regulator, Screwed End	254.87	18.57
33 53 16 00-0003	EA	1" Gas Pressure Regulator, Screwed End	259.09	18.57
33 53 16 00-0004	EA	1-1/4" Gas Pressure Regulator, Screwed End	269.20	22.05
33 53 16 00-0005	EA	1-1/2" Gas Pressure Regulator, Screwed End	934.26	25.53
33 53 16 00-0006	EA	2" Gas Pressure Regulator, Screwed End	987.58	39.55
33 53 16 00-0007	EA	3" Gas Pressure Regulator, Screwed End	2,786.39	88.72
33 53 16 00-0008	EA	4" Gas Pressure Regulator, Screwed End	3,876.58	117.58

33 56 Hydrocarbon Storage (33 50)

33 56 13 Aboveground Hydrocarbon Storage Tanks (33 56)

See CSI section 23 13 23 00-0000 for aboveground storage tanks.

33 56 33 Underground Hydrocarbon Storage (33 56)

See CSI section 23 13 13 00-0000 for underground storage tanks.

33 59 Hydrocarbon Utility Metering (33 50)

33 59 11 Diaphragm/Bellows Hydrocarbons Meters (33 59)

33 59 11 00-0001		Diaphragm Meters <small>(33 59 11)</small>		
		<small>Note: With standard direct-digital reading maximum working pressures 5 lbs to 100 lbs, threaded connections. Excludes pressure and temperature compensation.</small>		
33 59 11 00-0002	EA	250 CF/Hour Gas Diaphragm Meter At 5 LB, Direct Digital, Threaded	605.58	72.68
		<i>For Temperature And Pressure Compensation, Add</i>	8.40	
		<i>For Pulsers, Add</i>	26.50	
33 59 11 00-0003	EA	425 CF/Hour Gas Diaphragm Meter At 10 LB, Direct Digital, Threaded	1,211.01	111.16
		<i>For Temperature And Pressure Compensation, Add</i>	8.40	
		<i>For Pulsers, Add</i>	26.50	
33 59 11 00-0004	EA	425 CF/Hour Gas Diaphragm Meter At 25 LB, Direct Digital, Threaded	1,437.22	111.16
		<i>For Temperature And Pressure Compensation, Add</i>	8.40	
		<i>For Pulsers, Add</i>	26.50	

33 Utilities**33 50 Hydrocarbon Utilities****33 59 Hydrocarbon Utility Metering**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 59 11 00-0005	EA	800 CF/Hour Gas Diaphragm Meter At 20 LB, Direct Digital, Threaded	3,216.11	138.95
		<i>For Temperature And Pressure Compensation, Add</i>	8.40	
		<i>For Pulsers, Add</i>	26.50	
33 59 11 00-0006	EA	1,000 CF/Hour Gas Diaphragm Meter At 25 LB, Direct Digital, Threaded	3,626.92	171.02
		<i>For Temperature And Pressure Compensation, Add</i>	8.40	
		<i>For Pulsers, Add</i>	26.50	
33 59 11 00-0007	EA	800 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	4,832.49	138.95
		<i>For Temperature And Pressure Compensation, Add</i>	8.40	
		<i>For Pulsers, Add</i>	26.50	
33 59 11 00-0008	EA	1,000 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	5,366.33	171.02
		<i>For Temperature And Pressure Compensation, Add</i>	8.40	
		<i>For Pulsers, Add</i>	26.50	
33 59 11 00-0009	EA	1,400 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	7,113.48	181.71
		<i>For Temperature And Pressure Compensation, Add</i>	8.40	
		<i>For Pulsers, Add</i>	26.50	
33 59 11 00-0010	EA	2,300 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	10,092.09	213.77
		<i>For Temperature And Pressure Compensation, Add</i>	8.40	
		<i>For Pulsers, Add</i>	26.50	
33 59 11 00-0011	EA	5,000 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	15,395.71	352.73
		<i>For Temperature And Pressure Compensation, Add</i>	8.40	
		<i>For Pulsers, Add</i>	26.50	

33 59 16 Hydrocarbons Turbine Meters ^(33 59)**33 59 16 00-0001 Gas Turbine Meters With Direct-Digital Reading** ^(33 59 16)

Note: Maximum working pressure 175 PSI, flanged end connections.

33 59 16 00-0002	EA	4", 18,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	12,293.08	372.63
33 59 16 00-0003	EA	6", 30,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	13,348.51	432.74
33 59 16 00-0004	EA	8", 60,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	20,689.15	459.72
33 59 16 00-0005	EA	10", 90,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	40,294.81	559.66
33 59 16 00-0006	EA	12", 150,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	66,198.96	699.57

33 60 Hydronic and Steam Energy Utilities ⁽³³⁾**33 61 Hydronic Energy Distribution** ^(33 60)**33 61 13 Buried Hydronic Energy Distribution** ^(33 61)**33 61 13 13 Prefabricated/Preinsulated Pipe** ^(33 61 13)

Note: Includes coupling per full length of pipe. Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 33-0001 for excavation, 31 23 16 36-0016 for backfill.

33 61 13 13-0001 Preinsulated Schedule 40 Black Steel Pipe ^(33 61 13 13)

Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.

33 61 13 13-0002 Standard Black Steel Carrier Pipe ^(33 61 13 13-0001)

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0003	LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	159.82	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2.69	
		<i>For Schedule 80 Pipe, Add</i>	26.92	
33 61 13 13-0004	LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	175.24	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2.96	
		<i>For Schedule 80 Pipe, Add</i>	29.60	
33 61 13 13-0005	LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	195.63	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.33	
		<i>For Schedule 80 Pipe, Add</i>	33.34	
33 61 13 13-0006	LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	209.45	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.58	
		<i>For Schedule 80 Pipe, Add</i>	35.78	
33 61 13 13-0007	LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	219.46	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.74	
		<i>For Schedule 80 Pipe, Add</i>	37.41	
33 61 13 13-0008	LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	243.38	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.07	
		<i>For Schedule 80 Pipe, Add</i>	40.66	
33 61 13 13-0009	LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	268.48	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.39	
		<i>For Schedule 80 Pipe, Add</i>	43.91	
33 61 13 13-0010	LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	338.79	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.53	
		<i>For Schedule 80 Pipe, Add</i>	55.30	
33 61 13 13-0011	LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	430.04	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.08	
		<i>For Schedule 80 Pipe, Add</i>	70.75	
33 61 13 13-0012	LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	500.05	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.21	
		<i>For Schedule 80 Pipe, Add</i>	82.14	

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33 61 13 13-0013	LF			8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 705.72 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 11.95 <i>For Schedule 80 Pipe, Add</i> 119.55		
33 61 13 13-0014	LF			10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 917.34 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 15.78 <i>For Schedule 80 Pipe, Add</i> 157.77		
33 61 13 13-0015	LF			12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 1,142.16 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 19.68 <i>For Schedule 80 Pipe, Add</i> 196.80		
33 61 13 13-0016				Standard Black Steel Carrier Pipe <small>(33 61 13 13-0001)</small> Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0017	LF			3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 173.28 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 2.96 <i>For Schedule 80 Pipe, Add</i> 29.61		
33 61 13 13-0018	LF			1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 190.04 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 3.26 <i>For Schedule 80 Pipe, Add</i> 32.56		
33 61 13 13-0019	LF			1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 212.30 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 3.67 <i>For Schedule 80 Pipe, Add</i> 36.68		
33 61 13 13-0020	LF			1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 227.34 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 3.94 <i>For Schedule 80 Pipe, Add</i> 39.36		
33 61 13 13-0021	LF			2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 238.17 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 4.12 <i>For Schedule 80 Pipe, Add</i> 41.15		
33 61 13 13-0022	LF			2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 263.71 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 4.47 <i>For Schedule 80 Pipe, Add</i> 44.73		
33 61 13 13-0023	LF			3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 290.44 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 4.63 <i>For Schedule 80 Pipe, Add</i> 48.31		
33 61 13 13-0024	LF			4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 366.44 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 6.08 <i>For Schedule 80 Pipe, Add</i> 60.83		
33 61 13 13-0025	LF			5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 465.41 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 7.78 <i>For Schedule 80 Pipe, Add</i> 77.83		
33 61 13 13-0026	LF			6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 541.12 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 9.04 <i>For Schedule 80 Pipe, Add</i> 90.35		
33 61 13 13-0027	LF			8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 765.49 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 13.15 <i>For Schedule 80 Pipe, Add</i> 131.50		
33 61 13 13-0028	LF			10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 996.23 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 17.35 <i>For Schedule 80 Pipe, Add</i> 173.54		
33 61 13 13-0029	LF			12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 1,240.56 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 21.65 <i>For Schedule 80 Pipe, Add</i> 216.48		
33 61 13 13-0030				Standard Black Steel Carrier Pipe <small>(33 61 13 13-0001)</small> Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0031	LF			3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 180.01 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 3.10 <i>For Schedule 80 Pipe, Add</i> 30.96		
33 61 13 13-0032	LF			1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 197.44 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 3.40 <i>For Schedule 80 Pipe, Add</i> 34.04		
33 61 13 13-0033	LF			1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 220.64 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 3.83 <i>For Schedule 80 Pipe, Add</i> 38.34		
33 61 13 13-0034	LF			1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 236.29 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 4.12 <i>For Schedule 80 Pipe, Add</i> 41.15		

33 Utilities**33 60 Hydronic and Steam Energy Utilities****33 61 Hydronic Energy Distribution**
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33 61 13 13-0035	LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	247.52
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.30
		<i>For Schedule 80 Pipe, Add</i>	43.02
33 61 13 13-0036	LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	273.87
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.68
		<i>For Schedule 80 Pipe, Add</i>	46.76
33 61 13 13-0037	LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	301.42
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.05
		<i>For Schedule 80 Pipe, Add</i>	50.50
33 61 13 13-0038	LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	380.26
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.36
		<i>For Schedule 80 Pipe, Add</i>	63.59
33 61 13 13-0039	LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	483.10
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.14
		<i>For Schedule 80 Pipe, Add</i>	81.36
33 61 13 13-0040	LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	561.66
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.45
		<i>For Schedule 80 Pipe, Add</i>	94.46
33 61 13 13-0041	LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	795.37
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	13.75
		<i>For Schedule 80 Pipe, Add</i>	137.48
33 61 13 13-0042	LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,035.67
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	18.14
		<i>For Schedule 80 Pipe, Add</i>	181.43
33 61 13 13-0043	LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,289.76
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	22.63
		<i>For Schedule 80 Pipe, Add</i>	226.32

33 61 13 13-0044 Standard Black Steel Carrier Pipe (33 61 13 13-0001)

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0045	LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	190.10
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.30
		<i>For Schedule 80 Pipe, Add</i>	32.97
33 61 13 13-0046	LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	208.54
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.63
		<i>For Schedule 80 Pipe, Add</i>	36.26
33 61 13 13-0047	LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	233.14
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.08
		<i>For Schedule 80 Pipe, Add</i>	40.84
33 61 13 13-0048	LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	249.71
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.38
		<i>For Schedule 80 Pipe, Add</i>	43.83
33 61 13 13-0049	LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	261.55
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.58
		<i>For Schedule 80 Pipe, Add</i>	45.83
33 61 13 13-0050	LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	289.12
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.98
		<i>For Schedule 80 Pipe, Add</i>	49.81
33 61 13 13-0051	LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	317.89
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.38
		<i>For Schedule 80 Pipe, Add</i>	53.80
33 61 13 13-0052	LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	401.00
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.77
		<i>For Schedule 80 Pipe, Add</i>	67.74
33 61 13 13-0053	LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	509.63
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.67
		<i>For Schedule 80 Pipe, Add</i>	86.67
33 61 13 13-0054	LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	592.46
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.06
		<i>For Schedule 80 Pipe, Add</i>	100.62
33 61 13 13-0055	LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	840.20
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	14.64
		<i>For Schedule 80 Pipe, Add</i>	146.44
33 61 13 13-0056	LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,094.83
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	19.33
		<i>For Schedule 80 Pipe, Add</i>	193.26

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 61 13 13-0057	LF			12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,363.56	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	24.11	
				<i>For Schedule 80 Pipe, Add</i>	241.08	
33 61 13 13-0058				Preinsulated Black Steel Fittings <small>(33 61 13 13)</small>		
				Note: No excavation or backfill.		
33 61 13 13-0059				Elbows <small>(33 61 13 13-0058)</small>		
33 61 13 13-0060				Elbows <small>(33 61 13 13-0059)</small>		
				Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0061	EA			3/4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,038.68	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	18.45	
33 61 13 13-0062	EA			1" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,069.36	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	18.89	
33 61 13 13-0063	EA			1-1/4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,222.33	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	21.49	
33 61 13 13-0064	EA			1-1/2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,352.86	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	23.45	
33 61 13 13-0065	EA			2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,491.97	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	24.42	
33 61 13 13-0066	EA			2-1/2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,665.98	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	25.40	
33 61 13 13-0067	EA			3" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,929.31	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	29.31	
33 61 13 13-0068	EA			4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,251.25	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	34.19	
33 61 13 13-0069	EA			5" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,777.79	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	43.96	
33 61 13 13-0070	EA			6" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,105.18	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	49.93	
33 61 13 13-0071	EA			8" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,421.65	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	72.18	
33 61 13 13-0072	EA			10" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	5,833.19	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	92.27	
33 61 13 13-0073	EA			12" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	7,570.40	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	122.12	
33 61 13 13-0074				Elbows <small>(33 61 13 13-0059)</small>		
				Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0075	EA			3/4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,107.87	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	19.84	
33 61 13 13-0076	EA			1" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,140.18	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	20.30	
33 61 13 13-0077	EA			1-1/4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,302.93	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	23.10	
33 61 13 13-0078	EA			1-1/2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,440.78	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	25.20	
33 61 13 13-0079	EA			2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,583.56	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	26.26	
33 61 13 13-0080	EA			2-1/2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,761.23	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	27.31	
33 61 13 13-0081	EA			3" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,039.22	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	31.51	
33 61 13 13-0082	EA			4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,379.47	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	36.76	
33 61 13 13-0083	EA			5" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,942.65	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	47.26	
33 61 13 13-0084	EA			6" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,292.42	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	53.68	
33 61 13 13-0085	EA			8" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,692.34	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	77.60	

33 Utilities**33 60 Hydronic and Steam Energy Utilities****33 61 Hydronic Energy Distribution**
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33 61 13 13-0086	EA	10" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	6,179.19	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	99.19	
33 61 13 13-0087	EA	12" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	8,028.34	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	131.28	
33 61 13 13-0088		Elbows <small>(33 61 13 13-0059)</small>		
		Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0089	EA	3/4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,177.07	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	21.22	
33 61 13 13-0090	EA	1" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,211.01	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	21.72	
33 61 13 13-0091	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,383.53	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	24.72	
33 61 13 13-0092	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,528.70	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	26.96	
33 61 13 13-0093	EA	2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,675.15	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	28.09	
33 61 13 13-0094	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,856.48	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	29.21	
33 61 13 13-0095	EA	3" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,149.12	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	33.70	
33 61 13 13-0096	EA	4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,507.69	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	39.32	
33 61 13 13-0097	EA	5" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,107.51	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	50.56	
33 61 13 13-0098	EA	6" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,479.67	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	57.42	
33 61 13 13-0099	EA	8" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	4,963.04	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	83.01	
33 61 13 13-0100	EA	10" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	6,525.18	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	106.11	
33 61 13 13-0101	EA	12" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	8,486.27	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	140.43	
33 61 13 13-0102		Elbows <small>(33 61 13 13-0059)</small>		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0103	EA	3/4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,246.27	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	22.61	
33 61 13 13-0104	EA	1" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,281.84	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	23.14	
33 61 13 13-0105	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,464.12	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	26.33	
33 61 13 13-0106	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,616.63	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	28.72	
33 61 13 13-0107	EA	2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,766.73	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	29.92	
33 61 13 13-0108	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,951.73	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	31.12	
33 61 13 13-0109	EA	3" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,259.03	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	35.90	
33 61 13 13-0110	EA	4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,635.91	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	41.89	
33 61 13 13-0111	EA	5" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,272.36	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	53.85	
33 61 13 13-0112	EA	6" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,666.91	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	61.17	
33 61 13 13-0113	EA	8" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	5,233.73	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	88.43	
33 61 13 13-0114	EA	10" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	6,871.18	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	113.03	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 61 13 13-0115	EA		12" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8,944.21 149.59	
33 61 13 13-0116			Tees <small>(33 61 13 13-0058)</small>		
33 61 13 13-0117			Tees <small>(33 61 13 13-0116)</small> Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0118	EA		3/4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,544.11 27.40	
33 61 13 13-0119	EA		1" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,589.68 28.05	
33 61 13 13-0120	EA		1-1/4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,817.20 31.92	
33 61 13 13-0121	EA		1-1/2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2,011.48 34.82	
33 61 13 13-0122	EA		2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2,219.15 36.27	
33 61 13 13-0123	EA		2-1/2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2,479.21 37.72	
33 61 13 13-0124	EA		3" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2,871.99 43.52	
33 61 13 13-0125	EA		4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3,351.24 50.78	
33 61 13 13-0126	EA		5" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4,136.78 65.28	
33 61 13 13-0127	EA		6" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4,621.16 74.15	
33 61 13 13-0128	EA		8" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6,576.83 107.19	
33 61 13 13-0129	EA		10" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8,682.74 137.01	
33 61 13 13-0130	EA		12" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11,264.01 181.34	
33 61 13 13-0131			Tees <small>(33 61 13 13-0116)</small> Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0132	EA		3/4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,646.87 29.46	
33 61 13 13-0133	EA		1" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,694.86 30.15	
33 61 13 13-0134	EA		1-1/4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,936.88 34.31	
33 61 13 13-0135	EA		1-1/2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2,142.05 37.43	
33 61 13 13-0136	EA		2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2,355.15 38.99	
33 61 13 13-0137	EA		2-1/2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2,620.66 40.55	
33 61 13 13-0138	EA		3" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3,035.20 46.79	
33 61 13 13-0139	EA		4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3,541.65 54.58	
33 61 13 13-0140	EA		5" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4,381.59 70.18	
33 61 13 13-0141	EA		6" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4,899.22 79.71	
33 61 13 13-0142	EA		8" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6,978.81 115.23	
33 61 13 13-0143	EA		10" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9,196.54 147.29	

33 Utilities**33 60 Hydronic and Steam Energy Utilities****33 61 Hydronic Energy Distribution**
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33 61 13 13-0144	EA	12" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	11,944.04	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	194.94	
33 61 13 13-0145		Tees <small>(33 61 13 13-0116)</small>		
		Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0146	EA	3/4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,749.64	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	31.51	
33 61 13 13-0147	EA	1" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,800.04	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	32.25	
33 61 13 13-0148	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,056.57	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	36.70	
33 61 13 13-0149	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,272.61	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	40.04	
33 61 13 13-0150	EA	2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,491.16	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	41.71	
33 61 13 13-0151	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,762.11	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	43.38	
33 61 13 13-0152	EA	3" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,198.41	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	50.05	
33 61 13 13-0153	EA	4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,732.05	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	58.39	
33 61 13 13-0154	EA	5" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	4,626.40	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	75.08	
33 61 13 13-0155	EA	6" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	5,177.28	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	85.27	
33 61 13 13-0156	EA	8" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	7,380.79	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	123.27	
33 61 13 13-0157	EA	10" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	9,710.34	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	157.57	
33 61 13 13-0158	EA	12" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	12,624.08	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	208.54	
33 61 13 13-0159		Tees <small>(33 61 13 13-0116)</small>		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0160	EA	3/4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,852.40	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	33.57	
33 61 13 13-0161	EA	1" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,905.22	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	34.36	
33 61 13 13-0162	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,176.25	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	39.10	
33 61 13 13-0163	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,403.18	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	42.65	
33 61 13 13-0164	EA	2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,627.17	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	44.43	
33 61 13 13-0165	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,903.55	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	46.21	
33 61 13 13-0166	EA	3" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,361.62	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	53.31	
33 61 13 13-0167	EA	4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,922.46	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	62.20	
33 61 13 13-0168	EA	5" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	4,871.21	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	79.97	
33 61 13 13-0169	EA	6" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	5,455.33	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	90.83	
33 61 13 13-0170	EA	8" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	7,782.76	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	131.31	
33 61 13 13-0171	EA	10" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	10,224.15	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	167.84	
33 61 13 13-0172	EA	12" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	13,304.12	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	222.14	

MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 61 13 13-0173		Reducers <small>(33 61 13 13-0058)</small>	
33 61 13 13-0174	EA	Reducers <small>(33 61 13 13-0173)</small> Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.	
		3/4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	870.24
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	15.32
		1" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	896.29
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	15.68
		1-1/4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,024.89
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	17.84
		1-1/2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,135.43
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	19.46
		2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,257.17
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	20.27
		2-1/2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,419.39
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	21.08
		3" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,637.54
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	24.33
		4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,906.21
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	28.38
		5" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,346.34
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	36.49
		6" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,620.10
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	41.44
		8" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,727.02
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	59.91
		10" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	4,927.46
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	76.58
		12" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	6,383.72
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	101.36
33 61 13 13-0188	EA	Reducers <small>(33 61 13 13-0173)</small> Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.	
		3/4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	927.68
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	16.46
		1" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	955.08
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	16.85
		1-1/4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,091.78
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	19.18
		1-1/2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,208.41
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	20.92
		2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,333.19
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	21.79
		2-1/2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,498.45
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	22.66
		3" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,728.76
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	26.15
		4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,012.63
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	30.51
		5" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,483.17
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	39.23
		6" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,775.51
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	44.55
		8" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,951.69
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	64.41
		10" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	5,214.64
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	82.32
		12" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	6,763.81
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	108.96

33 Utilities**33 60 Hydronic and Steam Energy Utilities****33 61 Hydronic Energy Distribution**
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33 61 13 13-0202		Reducers <small>(33 61 13 13-0173)</small>	
Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.			
33 61 13 13-0203	EA	3/4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	985.12
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	17.61
33 61 13 13-0204	EA	1" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,013.87
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	18.03
33 61 13 13-0205	EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,158.68
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	20.51
33 61 13 13-0206	EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,281.39
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	22.38
33 61 13 13-0207	EA	2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,409.21
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	23.31
33 61 13 13-0208	EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,577.50
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	24.24
33 61 13 13-0209	EA	3" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,819.98
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	27.97
33 61 13 13-0210	EA	4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,119.06
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	32.64
33 61 13 13-0211	EA	5" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,620.00
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	41.96
33 61 13 13-0212	EA	6" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,930.92
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	47.66
33 61 13 13-0213	EA	8" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	4,176.36
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	68.90
33 61 13 13-0214	EA	10" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	5,501.82
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	88.07
33 61 13 13-0215	EA	12" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	7,143.90
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	116.56

33 61 13 13-0216		Reducers <small>(33 61 13 13-0173)</small>	
Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.			
33 61 13 13-0217	EA	3/4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,042.55
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	18.76
33 61 13 13-0218	EA	1" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,072.65
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	19.20
33 61 13 13-0219	EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,225.57
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	21.85
33 61 13 13-0220	EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,354.36
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	23.84
33 61 13 13-0221	EA	2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,485.23
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	24.83
33 61 13 13-0222	EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,656.56
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	25.83
33 61 13 13-0223	EA	3" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,911.20
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	29.80
33 61 13 13-0224	EA	4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,225.48
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	34.77
33 61 13 13-0225	EA	5" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,756.83
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	44.70
33 61 13 13-0226	EA	6" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,086.33
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	50.77
33 61 13 13-0227	EA	8" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	4,401.03
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	73.39
33 61 13 13-0228	EA	10" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	5,788.99
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	93.81
33 61 13 13-0229	EA	12" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	7,523.99
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	124.16

33 61 13 13-0230		Preinsulated Type K Copper Pipe <small>(33 61 13 13)</small>	
Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 61 13 13-0231 Type K Copper Carrier Pipe <small>(33 61 13 13-0230)</small>		
Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0232 LF	3/4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	46.34
	<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.41
33 61 13 13-0233 LF	1" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	50.44
	<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.45
33 61 13 13-0234 LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	55.02
	<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.51
33 61 13 13-0235 LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	58.54
	<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.54
33 61 13 13-0236 LF	2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	61.71
	<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.57
33 61 13 13-0237 LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	72.04
	<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.62
33 61 13 13-0238 LF	3" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	83.58
	<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.67
33 61 13 13-0239 LF	4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	105.97
	<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.84
33 61 13 13-0240 LF	5" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	132.07
	<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.07
33 61 13 13-0241 LF	6" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	154.17
	<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.25
33 61 13 13-0242 LF	8" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	201.68
	<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.82
33 61 13 13-0243 LF	10" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	251.80
	<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2.40
33 61 13 13-0244 LF	12" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	311.88
	<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2.99

33 61 13 13-0245 Type K Copper Carrier Pipe <small>(33 61 13 13-0230)</small>		
Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0246 LF	3/4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	48.38
	<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.45
33 61 13 13-0247 LF	1" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	52.68
	<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.49
33 61 13 13-0248 LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	57.55
	<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.56
33 61 13 13-0249 LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	61.26
	<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.60
33 61 13 13-0250 LF	2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	64.55
	<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.63
33 61 13 13-0251 LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	75.12
	<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.68
33 61 13 13-0252 LF	3" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	86.92
	<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.73
33 61 13 13-0253 LF	4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	110.17
	<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.92
33 61 13 13-0254 LF	5" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	137.44
	<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.18
33 61 13 13-0255 LF	6" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	160.40
	<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.37
33 61 13 13-0256 LF	8" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	210.76
	<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2.00
33 61 13 13-0257 LF	10" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	263.77
	<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2.64
33 61 13 13-0258 LF	12" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	326.82
	<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.29

33 61 13 13-0259 Type K Copper Carrier Pipe <small>(33 61 13 13-0230)</small>		
Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		

33 Utilities**33 60 Hydronic and Steam Energy Utilities****33 61 Hydronic Energy Distribution**
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33 61 13 13-0260	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	49.41	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.47	
33 61 13 13-0261	LF	1" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	53.81	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.52	
33 61 13 13-0262	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	58.82	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.58	
33 61 13 13-0263	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	62.62	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.63	
33 61 13 13-0264	LF	2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	65.97	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.65	
33 61 13 13-0265	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	76.67	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.71	
33 61 13 13-0266	LF	3" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	88.59	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.77	
33 61 13 13-0267	LF	4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	112.27	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.97	
33 61 13 13-0268	LF	5" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	140.13	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.24	
33 61 13 13-0269	LF	6" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	163.52	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.43	
33 61 13 13-0270	LF	8" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	215.30	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2.09	
33 61 13 13-0271	LF	10" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	269.76	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2.76	
33 61 13 13-0272	LF	12" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	334.29	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.44	

33 61 13 13-0273 Type K Copper Carrier Pipe (33 61 13 13-0230)

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0274	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	50.94	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.50	
33 61 13 13-0275	LF	1" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	55.49	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.55	
33 61 13 13-0276	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	60.71	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.62	
33 61 13 13-0277	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	64.65	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.67	
33 61 13 13-0278	LF	2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	68.10	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.70	
33 61 13 13-0279	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	78.98	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.76	
33 61 13 13-0280	LF	3" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	91.09	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.82	
33 61 13 13-0281	LF	4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	115.42	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.03	
33 61 13 13-0282	LF	5" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	144.16	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.32	
33 61 13 13-0283	LF	6" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	168.20	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.53	
33 61 13 13-0284	LF	8" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	222.11	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2.22	
33 61 13 13-0285	LF	10" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	278.75	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2.94	
33 61 13 13-0286	LF	12" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	345.50	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.66	

33 61 13 13-0287 Preinsulated Copper Fittings (33 61 13 13)**33 61 13 13-0288 Elbows** (33 61 13 13-0287)**33 61 13 13-0289 Elbows** (33 61 13 13-0288)

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 61 13 13-0290	EA			3/4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	333.86 4.66	
33 61 13 13-0291	EA			1" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	347.13 4.77	
33 61 13 13-0292	EA			1-1/4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	399.79 5.43	
33 61 13 13-0293	EA			1-1/2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	453.00 5.92	
33 61 13 13-0294	EA			2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	543.83 6.17	
33 61 13 13-0295	EA			2-1/2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	664.98 6.41	
33 61 13 13-0296	EA			3" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	773.39 7.40	
33 61 13 13-0297	EA			4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	902.63 8.63	
33 61 13 13-0298	EA			5" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,059.05 11.10	
33 61 13 13-0299	EA			6" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,159.58 12.61	
33 61 13 13-0300	EA			8" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,617.78 18.23	
33 61 13 13-0301	EA			10" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2,225.53 23.30	
33 61 13 13-0302	EA			12" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2,815.26 30.83	

33 61 13 13-0303 Elbows (33 61 13 13-0288)

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0304	EA			3/4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	351.33 5.01	
33 61 13 13-0305	EA			1" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	365.01 5.13	
33 61 13 13-0306	EA			1-1/4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	420.14 5.83	
33 61 13 13-0307	EA			1-1/2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	475.20 6.36	
33 61 13 13-0308	EA			2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	566.95 6.63	
33 61 13 13-0309	EA			2-1/2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	689.03 6.89	
33 61 13 13-0310	EA			3" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	801.14 7.96	
33 61 13 13-0311	EA			4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	935.00 9.28	
33 61 13 13-0312	EA			5" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,100.68 11.93	
33 61 13 13-0313	EA			6" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,206.86 13.55	
33 61 13 13-0314	EA			8" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,686.13 19.59	
33 61 13 13-0315	EA			10" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2,312.89 25.04	
33 61 13 13-0316	EA			12" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2,930.89 33.15	

33 61 13 13-0317 Elbows (33 61 13 13-0288)

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0318	EA			3/4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	368.80 5.36	
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33 Utilities**33 60 Hydronic and Steam Energy Utilities****33 61 Hydronic Energy Distribution**
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33 61 13 13-0319	EA	1" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	382.90	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.48	
33 61 13 13-0320	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	440.49	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.24	
33 61 13 13-0321	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	497.40	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.81	
33 61 13 13-0322	EA	2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	590.08	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.09	
33 61 13 13-0323	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	713.08	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.38	
33 61 13 13-0324	EA	3" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	828.89	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.51	
33 61 13 13-0325	EA	4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	967.38	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.93	
33 61 13 13-0326	EA	5" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,142.30	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.77	
33 61 13 13-0327	EA	6" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,254.39	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	14.50	
33 61 13 13-0328	EA	8" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,754.32	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	20.96	
33 61 13 13-0329	EA	10" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,399.82	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	26.79	
33 61 13 13-0330	EA	12" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,046.82	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	35.46	

33 61 13 13-0331 Elbows (33 61 13 13-0288)

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0332	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	386.28	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.71	
33 61 13 13-0333	EA	1" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	400.78	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.84	
33 61 13 13-0334	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	460.84	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.65	
33 61 13 13-0335	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	519.60	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.25	
33 61 13 13-0336	EA	2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	613.21	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.55	
33 61 13 13-0337	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	737.13	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.86	
33 61 13 13-0338	EA	3" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	856.64	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.07	
33 61 13 13-0339	EA	4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	999.75	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.58	
33 61 13 13-0340	EA	5" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,183.93	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	13.60	
33 61 13 13-0341	EA	6" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,301.67	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	15.44	
33 61 13 13-0342	EA	8" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,822.67	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	22.33	
33 61 13 13-0343	EA	10" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,487.19	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	28.54	
33 61 13 13-0344	EA	12" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,162.45	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	37.77	

33 61 13 13-0345 Tees (33 61 13 13-0287)**33 61 13 13-0346 Tees** (33 61 13 13-0345)

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0347	EA	3/4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	497.24	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.92	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 61 13 13-0348	EA		1" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	516.97	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.08	
33 61 13 13-0349	EA		1-1/4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	595.44	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.06	
33 61 13 13-0350	EA		1-1/2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	674.86	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.79	
33 61 13 13-0351	EA		2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	810.66	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.16	
33 61 13 13-0352	EA		2-1/2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	992.07	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.52	
33 61 13 13-0353	EA		3" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,154.58	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.99	
33 61 13 13-0354	EA		4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,347.51	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.82	
33 61 13 13-0355	EA		5" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,582.99	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	16.48	
33 61 13 13-0356	EA		6" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,730.55	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	18.72	
33 61 13 13-0357	EA		8" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,411.52	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	27.07	
33 61 13 13-0358	EA		10" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,322.60	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	34.60	
33 61 13 13-0359	EA		12" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	4,199.75	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	45.79	

33 61 13 13-0360
Tees (33 61 13 13-0345)

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0361	EA		3/4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	523.18	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.44	
33 61 13 13-0362	EA		1" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	543.52	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.61	
33 61 13 13-0363	EA		1-1/4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	625.66	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.66	
33 61 13 13-0364	EA		1-1/2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	707.83	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.45	
33 61 13 13-0365	EA		2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	845.01	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.84	
33 61 13 13-0366	EA		2-1/2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,027.78	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.24	
33 61 13 13-0367	EA		3" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,195.79	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.81	
33 61 13 13-0368	EA		4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,395.59	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	13.78	
33 61 13 13-0369	EA		5" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,644.81	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	17.72	
33 61 13 13-0370	EA		6" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,800.76	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	20.13	
33 61 13 13-0371	EA		8" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,513.02	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	29.10	
33 61 13 13-0372	EA		10" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,452.34	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	37.19	
33 61 13 13-0373	EA		12" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	4,371.46	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	49.22	

33 61 13 13-0374
Tees (33 61 13 13-0345)

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0375	EA		3/4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	549.13	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.96	
33 61 13 13-0376	EA		1" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	570.08	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.14	

33 Utilities**33 60 Hydronic and Steam Energy Utilities****33 61 Hydronic Energy Distribution**
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33 61 13 13-0377	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	655.88	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.27	
33 61 13 13-0378	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	740.79	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.11	
33 61 13 13-0379	EA	2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	879.35	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.53	
33 61 13 13-0380	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,063.50	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.95	
33 61 13 13-0381	EA	3" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,237.00	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.64	
33 61 13 13-0382	EA	4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,443.66	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	14.74	
33 61 13 13-0383	EA	5" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,706.62	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	18.96	
33 61 13 13-0384	EA	6" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,871.35	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	21.53	
33 61 13 13-0385	EA	8" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,613.50	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	31.13	
33 61 13 13-0386	EA	10" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,579.63	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	39.79	
33 61 13 13-0387	EA	12" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	4,545.99	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	52.66	

33 61 13 13-0388 Tees (33 61 13 13-0345)

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0389	EA	3/4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	575.08	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.48	
33 61 13 13-0390	EA	1" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	596.64	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.68	
33 61 13 13-0391	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	686.10	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.87	
33 61 13 13-0392	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	773.76	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.77	
33 61 13 13-0393	EA	2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	913.69	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.22	
33 61 13 13-0394	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,099.21	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.67	
33 61 13 13-0395	EA	3" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,278.21	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	13.46	
33 61 13 13-0396	EA	4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,491.74	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	15.71	
33 61 13 13-0397	EA	5" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,768.43	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	20.19	
33 61 13 13-0398	EA	6" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,941.56	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	22.94	
33 61 13 13-0399	EA	8" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,715.00	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	33.16	
33 61 13 13-0400	EA	10" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,709.37	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	42.38	
33 61 13 13-0401	EA	12" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	4,717.69	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	56.09	

33 61 13 13-0402 Reducers (33 61 13 13-0287)**33 61 13 13-0403 Reducers** (33 61 13 13-0402)

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0404	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	284.18	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.87	
33 61 13 13-0405	EA	1" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	295.70	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.96	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 61 13 13-0406	EA			1-1/4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	340.81 4.50	
33 61 13 13-0407	EA			1-1/2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	386.90 4.91	
33 61 13 13-0408	EA			2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	467.76 5.12	
33 61 13 13-0409	EA			2-1/2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	583.78 5.32	
33 61 13 13-0410	EA			3" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	673.40 6.14	
33 61 13 13-0411	EA			4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	781.93 7.17	
33 61 13 13-0412	EA			5" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	914.49 9.21	
33 61 13 13-0413	EA			6" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	999.67 10.46	
33 61 13 13-0414	EA			8" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,392.30 15.13	
33 61 13 13-0415	EA			10" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,921.98 19.34	
33 61 13 13-0416	EA			12" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2,423.86 25.59	

33 61 13 13-0417 Reducers (33 61 13 13-0402)

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0418	EA			3/4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	298.69 4.16	
33 61 13 13-0419	EA			1" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	310.55 4.26	
33 61 13 13-0420	EA			1-1/4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	357.70 4.84	
33 61 13 13-0421	EA			1-1/2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	405.33 5.28	
33 61 13 13-0422	EA			2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	486.96 5.50	
33 61 13 13-0423	EA			2-1/2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	603.74 5.72	
33 61 13 13-0424	EA			3" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	696.43 6.60	
33 61 13 13-0425	EA			4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	808.80 7.70	
33 61 13 13-0426	EA			5" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	949.04 9.90	
33 61 13 13-0427	EA			6" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,038.91 11.25	
33 61 13 13-0428	EA			8" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,449.03 16.26	
33 61 13 13-0429	EA			10" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,994.49 20.79	
33 61 13 13-0430	EA			12" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2,519.83 27.51	

33 61 13 13-0431 Reducers (33 61 13 13-0402)

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0432	EA			3/4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	313.19 4.45	
33 61 13 13-0433	EA			1" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	325.39 4.55	
33 61 13 13-0434	EA			1-1/4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	374.59 5.18	

33 Utilities**33 60 Hydronic and Steam Energy Utilities****33 61 Hydronic Energy Distribution**
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33 61 13 13-0435	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	423.76
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.65
33 61 13 13-0436	EA	2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	506.15
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.89
33 61 13 13-0437	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	623.70
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.12
33 61 13 13-0438	EA	3" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	719.46
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.06
33 61 13 13-0439	EA	4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	835.67
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.24
33 61 13 13-0440	EA	5" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	983.59
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.60
33 61 13 13-0441	EA	6" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,078.36
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.03
33 61 13 13-0442	EA	8" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,505.39
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	17.40
33 61 13 13-0443	EA	10" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,066.65
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	22.24
33 61 13 13-0444	EA	12" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,616.06
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	29.43

33 61 13 13-0445 Reducers (33 61 13 13-0402)

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0446	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	327.69
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.74
33 61 13 13-0447	EA	1" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	340.23
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.85
33 61 13 13-0448	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	391.48
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.52
33 61 13 13-0449	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	442.18
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.02
33 61 13 13-0450	EA	2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	525.34
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.27
33 61 13 13-0451	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	643.66
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.52
33 61 13 13-0452	EA	3" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	742.50
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.52
33 61 13 13-0453	EA	4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	862.55
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.78
33 61 13 13-0454	EA	5" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,018.14
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.29
33 61 13 13-0455	EA	6" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,117.60
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.82
33 61 13 13-0456	EA	8" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,562.12
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	18.53
33 61 13 13-0457	EA	10" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,139.16
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	23.69
33 61 13 13-0458	EA	12" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,712.03
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	31.35

33 61 13 13-0459 Preinsulated Ductile Iron Carrier Pipe (33 61 13 13)

Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.

33 61 13 13-0460 Ductile Iron Carrier Pipe (33 61 13 13-0459)

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0461	LF	4" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	178.71
33 61 13 13-0462	LF	6" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	261.73
33 61 13 13-0463	LF	8" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	354.83
33 61 13 13-0464	LF	10" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	451.73
33 61 13 13-0465	LF	12" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	560.97

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33 61 13 13-0466		Ductile Iron Carrier Pipe <small>(33 61 13 13-0459)</small>		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0467	LF	4" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	190.65	
33 61 13 13-0468	LF	6" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	279.47	
33 61 13 13-0469	LF	8" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	380.66	
33 61 13 13-0470	LF	10" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	485.82	
33 61 13 13-0471	LF	12" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	603.48	
33 61 13 13-0472	LF	14" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	660.83	
33 61 13 13-0473	LF	16" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	745.68	
33 61 13 13-0474	LF	18" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	840.50	
33 61 13 13-0475	LF	20" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	925.90	
33 61 13 13-0476	LF	24" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,098.63	

33 61 13 13-0477 **Preinsulated Ductile Iron Fittings** (33 61 13 13)

33 61 13 13-0478 **Elbows** (33 61 13 13-0477)

33 61 13 13-0479 **Elbows** (33 61 13 13-0478)

		Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0480	EA	4" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,599.29	
33 61 13 13-0481	EA	6" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	2,153.12	
33 61 13 13-0482	EA	8" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	3,045.30	
33 61 13 13-0483	EA	10" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	4,073.94	
33 61 13 13-0484	EA	12" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	5,241.99	

33 61 13 13-0485 **Elbows** (33 61 13 13-0478)

		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0486	EA	4" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,746.87	
33 61 13 13-0487	EA	6" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	2,368.63	
33 61 13 13-0488	EA	8" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	3,356.86	
33 61 13 13-0489	EA	10" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	4,472.18	
33 61 13 13-0490	EA	12" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	5,769.06	
33 61 13 13-0491	EA	14" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	7,025.92	
33 61 13 13-0492	EA	16" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	8,323.64	
33 61 13 13-0493	EA	18" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	10,394.68	
33 61 13 13-0494	EA	20" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	13,173.52	
33 61 13 13-0495	EA	24" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	16,989.90	

33 61 13 13-0496 **Tees** (33 61 13 13-0477)

33 61 13 13-0497 **Tees** (33 61 13 13-0496)

		Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0498	EA	4" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	2,383.08	
33 61 13 13-0499	EA	6" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	3,207.34	
33 61 13 13-0500	EA	8" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	4,532.95	
33 61 13 13-0501	EA	10" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	6,070.26	
33 61 13 13-0502	EA	12" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	7,806.31	

33 61 13 13-0503 **Tees** (33 61 13 13-0496)

		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0504	EA	4" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	2,602.24	

33 Utilities**33 60 Hydronic and Steam Energy Utilities****33 61 Hydronic Energy Distribution**
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33 61 13 13-0505	EA	6" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	3,527.39	
33 61 13 13-0506	EA	8" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	4,995.62	
33 61 13 13-0507	EA	10" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	6,661.64	
33 61 13 13-0508	EA	12" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	8,589.02	
33 61 13 13-0509	EA	14" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	10,289.49	
33 61 13 13-0510	EA	16" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	12,193.74	
33 61 13 13-0511	EA	18" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	15,229.49	
33 61 13 13-0512	EA	20" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	19,309.40	
33 61 13 13-0513	EA	24" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	24,895.85	
33 61 13 13-0514		Reducers <small>(33 61 13 13-0477)</small>		
33 61 13 13-0515		Reducers <small>(33 61 13 13-0514)</small> Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0516	EA	4" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,365.09	
33 61 13 13-0517	EA	6" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,829.88	
33 61 13 13-0518	EA	8" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	2,584.65	
33 61 13 13-0519	EA	10" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	3,467.29	
33 61 13 13-0520	EA	12" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	4,451.14	
33 61 13 13-0521		Reducers <small>(33 61 13 13-0514)</small> Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0522	EA	4" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,487.58	
33 61 13 13-0523	EA	6" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	2,008.76	
33 61 13 13-0524	EA	8" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	2,843.24	
33 61 13 13-0525	EA	10" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	3,797.82	
33 61 13 13-0526	EA	12" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	4,888.61	
33 61 13 13-0527	EA	14" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	5,849.72	
33 61 13 13-0528	EA	16" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	6,923.98	
33 61 13 13-0529	EA	18" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	8,598.66	
33 61 13 13-0530	EA	20" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	10,964.86	
33 61 13 13-0531	EA	24" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	14,171.10	
33 61 13 13-0532		Tempered Water Piping Pre-Insulated <small>(33 61 13 13)</small>		
33 61 13 13-0533		Fiberglass Reinforced Polyester (FRP) Carrier And Casing, 1" Polyurethane Insulation <small>(33 61 13 13-0532)</small>		
33 61 13 13-0534	LF	4" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation.....	133.52	22.39
33 61 13 13-0535	LF	6" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation.....	174.01	25.54
33 61 13 13-0536	LF	8" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation.....	242.63	28.07
33 61 13 13-0537	LF	10" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation.....	334.16	35.09
33 61 13 13-0538	LF	12" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation.....	428.68	43.27
33 61 13 13-0539		Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing, 1" Polyurethane Insulation <small>(33 61 13 13-0532)</small>		
33 61 13 13-0540	LF	4" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation.....	65.63	25.54
33 61 13 13-0541	LF	6" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation.....	78.75	25.54
33 61 13 13-0542	LF	8" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation.....	91.21	25.54
33 61 13 13-0543	LF	10" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation.....	109.03	30.19
33 61 13 13-0544	LF	12" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation.....	132.00	38.32
33 61 13 13-0545		Polyvinyl Chloride (PVC) Carrier And Casing, 1" Polyurethane Insulation <small>(33 61 13 13-0532)</small>		
33 61 13 13-0546	LF	4" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation.....	65.63	25.54

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION	UNIT COST	UNIT COST			

33 61	13	13-0547	LF	6" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	78.74		25.54
33 61	13	13-0548	LF	8" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	90.04		25.54
33 61	13	13-0549	LF	10" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	109.03		30.19
33 61	13	13-0550	LF	12" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	131.99		38.32

33 70 Electrical Utilities ⁽³³⁾

33 71 Electrical Utility Transmission and Distribution ^(33 70)

33 71 19 Electrical Underground Ducts, Ductbanks and Manholes ^(33 71)

Note: Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 71 19 13 Electrical Manholes and Handholes ^(33 71 19)

33 71 19 13-0001 Electrical Handholes And Pull Boxes ^(33 71 19 13-0001)

33 71 19 13-0002 Electrical Pull Boxes ^(33 71 19 13-0002)

See CSI section 33 05 63 00-0427 for handholes.

33 71 19 13-0003	EA	24" x 36" x 24", Electric Pull Boxes, Precast Concrete	2,016.62
33 71 19 13-0004	EA	24" x 36" x 36", Electric Pull Boxes, Precast Concrete	2,416.03
33 71 19 13-0005	EA	30" x 48" x 36", Electric Pull Boxes, Precast Concrete	2,797.69
33 71 19 13-0006	EA	36" x 72" x 24", Electric Pull Boxes, Precast Concrete	4,353.73
33 71 19 13-0007	EA	36" x 60" x 36", Electric Pull Boxes, Precast Concrete	4,644.83
33 71 19 13-0008	EA	48" x 48" x 36", Electric Pull Boxes, Precast Concrete	4,995.97
33 71 19 13-0009	EA	48" x 60" x 48", Electric Pull Boxes, Precast Concrete	5,748.24

33 71 19 13-0010 Electrical Pull Boxes (CALTRANS) ^(33 71 19 13-0010)

33 71 19 13-0011	EA	Body, CALTRANS 3-1/2 Precast Concrete Pull Box.....	129.31
33 71 19 13-0012	EA	Concrete Cover, CALTRANS 3-1/2 Precast Concrete Pull Box.....	52.81
33 71 19 13-0013	EA	Bolt Down Concrete Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	80.60
33 71 19 13-0014	EA	Bolt Down Cast Iron Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	173.26
33 71 19 13-0015	EA	Bolt Down Steel Cover, CALTRANS 3-1/2 Precast Concrete Pull Box.....	269.34
<i>For Galvanized Steel Cover, Add</i>			
			46.51
33 71 19 13-0016	EA	12" Extension, CALTRANS 3-1/2 Precast Concrete Pull Box.....	65.82
33 71 19 13-0017	EA	Flat Plate Base, CALTRANS 3-1/2 Precast Concrete Pull Box.....	65.82
33 71 19 13-0018	EA	Body, CALTRANS 5 Precast Concrete Pull Box.....	184.59
33 71 19 13-0019	EA	Concrete Cover, CALTRANS 5 Precast Concrete Pull Box.....	71.00
33 71 19 13-0020	EA	Bolt Down Concrete Cover, CALTRANS 5 Precast Concrete Pull Box.....	98.79
33 71 19 13-0021	EA	Bolt Down Steel Cover, CALTRANS 5 Precast Concrete Pull Box.....	358.02
<i>For Galvanized Steel Cover, Add</i>			
			85.27
33 71 19 13-0022	EA	12" Extension, CALTRANS 5 Precast Concrete Pull Box.....	94.25
33 71 19 13-0023	EA	Flat Plate Base, CALTRANS 5 Precast Concrete Pull Box.....	87.99
33 71 19 13-0024	EA	Body, CALTRANS 6 Precast Concrete Pull Box.....	202.78
33 71 19 13-0025	EA	Concrete Cover, CALTRANS 6 Precast Concrete Pull Box.....	95.45
33 71 19 13-0026	EA	Bolt Down Concrete Cover, CALTRANS 6 Precast Concrete Pull Box.....	123.24
33 71 19 13-0027	EA	Bolt Down Steel Cover, CALTRANS 6 Precast Concrete Pull Box.....	1492.18
<i>For Galvanized Steel Cover, Add</i>			
			119.38
33 71 19 13-0028	EA	12" Extension, CALTRANS 6 Precast Concrete Pull Box.....	112.44
33 71 19 13-0029	EA	Flat Plate Base, CALTRANS 6 Precast Concrete Pull Box.....	105.62
33 71 19 13-0030	EA	6" Return Flat Plate Base, CALTRANS 6 Precast Concrete Pull Box.....	146.55
33 71 19 13-0031	EA	Body, CALTRANS 3-1/2-T Precast Concrete Pull Box	295.88
33 71 19 13-0032	EA	Bolt Down Concrete Cover, CALTRANS 3-1/2-T Precast Concrete Pull Box	430.79
33 71 19 13-0033	EA	12" Extension, CALTRANS 3-1/2-T Precast Concrete Pull Box	135.18
33 71 19 13-0034	EA	Flat Plate Base, CALTRANS 3-1/2-T Precast Concrete Pull Box	123.81
33 71 19 13-0035	EA	Body, CALTRANS 5-T Precast Concrete Pull Box	384.69
33 71 19 13-0036	EA	Bolt Down Concrete Cover, CALTRANS 5-T Precast Concrete Pull Box	624.07
33 71 19 13-0037	EA	12" Extension, CALTRANS 5-T Precast Concrete Pull Box.....	162.46
33 71 19 13-0038	EA	Flat Plate Base, CALTRANS 5-T Precast Concrete Pull Box	157.92
33 71 19 13-0039	EA	Body, CALTRANS 6-T Precast Concrete Pull Box	550.69
33 71 19 13-0040	EA	Bolt Down Concrete Cover, CALTRANS 6-T Precast Concrete Pull Box	874.20
33 71 19 13-0041	EA	12" Extension, CALTRANS 6-T Precast Concrete Pull Box.....	276.16
33 71 19 13-0042	EA	Flat Plate Base, CALTRANS 6-T Precast Concrete Pull Box	214.76

33 71 19 13-0043 Electrical Property Line Boxes ^(33 71 19 13)

33 71 19 13-0044	EA	3'-6" x 2'-9" x 2' Deep Property Line Box	4,008.85		405.76
33 71 19 13-0045	EA	4'-6" x 3'-6" x 4' Deep Property Line Box	4,691.90		420.79
33 71 19 13-0046	EA	6' x 4' x 5' Deep Property Line Box	5,164.97		510.96
33 71 19 13-0047	EA	11'-6" x 4'-6" x 6' Deep Property Line Box	7,897.52		751.41

33 71 19 13-0048 Manhole Accessories ^(33 71 19 13)

33 71 19 13-0049	EA	6" Precast Grade Ring Riser Casting.....	496.94
33 71 19 13-0050	EA	12" Precast Grade Ring Riser Casting.....	538.16
33 71 19 13-0051	EA	36" Opening Cast Iron Frame And Cover (NEENAH #R-1640-D)	2,733.16
33 71 19 13-0052	EA	42" Opening Cast Iron Frame And Cover (NEENAH #R-1740-E1).....	3,576.29
33 71 19 13-0053	EA	Cast Iron Adjusting Ring (NEENAH #R-1979)	1,110.69
33 71 19 13-0054	EA	Cast Iron Frame And Cover (NEENAH #R-1640-B)	1,429.71

33 71 19 23 Trenched Electrical Underground Duct and Ductbanks ^(33 71 19)

33 Utilities**33 70 Electrical Utilities****33 71 Electrical Utility Transmission and Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 71 19 23-0001		Underground Ductbank <small>(33 71 19 23)</small>		
		Note: Installation of single or multiple configuration underground utility raceways assembly to have minimum 3" concrete leveling base and encased in concrete envelope. Based on minimum 100' run, minimum 30" bury depth. Includes installation in trench using the appropriate supports, cleaning to remove any obstructions and installation of nylon pull string. Excludes trenching, concrete, backfilling, grading and seeding. Duct Banks are to be installed according to the appropriate sections of the accompanying specifications. Individual rows to be stacked for larger duct bank configurations. See CSI section 03 30 53 00-0001 for concrete.		
33 71 19 23-0002		Rigid Galvanized Steel Conduit, Galvanized Rigid Conduit (GRC) Or Rigid Galvanized Steel (RGS), Duct Bank <small>(33 71 19 23-0001)</small>		
		Note: Includes appropriate spacers and fittings.		
33 71 19 23-0003	LF	2 At 2", Rigid Galvanized Conduit Duct Bank	40.95	
33 71 19 23-0004	LF	4 At 2", Rigid Galvanized Conduit Duct Bank	81.93	
33 71 19 23-0005	LF	2 At 3", Rigid Galvanized Conduit Duct Bank	85.39	
33 71 19 23-0006	LF	4 At 3", Rigid Galvanized Conduit Duct Bank	171.31	
33 71 19 23-0007	LF	2 At 4", Rigid Galvanized Conduit Duct Bank	125.92	
33 71 19 23-0008	LF	4 At 4", Rigid Galvanized Conduit Duct Bank	252.89	
33 71 19 23-0009	LF	6 At 4", Rigid Galvanized Conduit Duct Bank	379.41	
33 71 19 23-0010	LF	2 At 5", Rigid Galvanized Conduit Duct Bank	242.52	
33 71 19 23-0011	LF	4 At 5", Rigid Galvanized Conduit Duct Bank	483.99	
33 71 19 23-0012	LF	6 At 5", Rigid Galvanized Conduit Duct Bank	741.95	
33 71 19 23-0013	LF	2 At 6", Rigid Galvanized Conduit Duct Bank	344.02	
33 71 19 23-0014	LF	4 At 6", Rigid Galvanized Conduit Duct Bank	690.67	
33 71 19 23-0015	LF	6 At 6", Rigid Galvanized Conduit Duct Bank	1,029.69	
33 71 19 23-0016		Polyvinyl Chloride (PVC), Type EB-20 Duct Bank System <small>(33 71 19 23-0001)</small>		
		Note: Includes appropriate spacers and fittings.		
33 71 19 23-0017	LF	1 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	8.38	
33 71 19 23-0018	LF	2 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	18.24	
33 71 19 23-0019	LF	4 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	35.19	
33 71 19 23-0020	LF	1 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	11.19	
33 71 19 23-0021	LF	2 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	22.32	
33 71 19 23-0022	LF	4 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	45.27	
33 71 19 23-0023	LF	1 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	15.31	
33 71 19 23-0024	LF	2 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	30.67	
33 71 19 23-0025	LF	4 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	61.43	
33 71 19 23-0026	LF	6 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	92.10	
33 71 19 23-0027	LF	1 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	19.94	
33 71 19 23-0028	LF	2 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	39.84	
33 71 19 23-0029	LF	4 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	77.56	
33 71 19 23-0030	LF	6 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	111.10	
33 71 19 23-0031	LF	1 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	34.06	
33 71 19 23-0032	LF	2 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	54.52	
33 71 19 23-0033	LF	4 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	109.26	
33 71 19 23-0034	LF	6 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	174.31	
33 71 19 23-0035		Polyvinyl Chloride (PVC), Type DB-60 Duct Bank System <small>(33 71 19 23-0001)</small>		
		Note: Includes appropriate spacers and fittings.		
33 71 19 23-0036	LF	1 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	9.35	
33 71 19 23-0037	LF	2 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	20.20	
33 71 19 23-0038	LF	4 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	38.90	
33 71 19 23-0039	LF	1 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	11.75	
33 71 19 23-0040	LF	2 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	23.46	
33 71 19 23-0041	LF	4 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	46.72	
33 71 19 23-0042	LF	1 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	15.89	
33 71 19 23-0043	LF	2 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	31.84	
33 71 19 23-0044	LF	4 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	63.77	
33 71 19 23-0045	LF	6 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	95.61	
33 71 19 23-0046	LF	1 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	20.82	
33 71 19 23-0047	LF	2 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	41.60	
33 71 19 23-0048	LF	4 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	81.08	
33 71 19 23-0049	LF	6 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	116.40	
33 71 19 23-0050	LF	1 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	35.28	
33 71 19 23-0051	LF	2 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	57.05	
33 71 19 23-0052	LF	4 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	114.33	
33 71 19 23-0053	LF	6 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	181.91	
33 71 19 23-0054		Male Or Female Adapters <small>(33 71 19 23-0001)</small>		
33 71 19 23-0055	EA	2" Adapter	42.93	
33 71 19 23-0056	EA	3" Adapter	66.70	
33 71 19 23-0057	EA	4" Adapter	87.92	
33 71 19 23-0058	EA	5" Adapter	149.48	
33 71 19 23-0059	EA	6" Adapter	181.49	
33 71 19 23-0060		Underground Electrical Concrete Markers <small>(33 71 19 23)</small>		
33 71 19 23-0061	EA	36" x 6" x 6", Underground Electric Concrete Marker	345.23	

	Utilities	33	33
	Electrical Utilities	33 70	
	Electrical Utility Transmission and Distribution	33 71	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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END OF SECTION 33

33 Utilities

33 70 Electrical Utilities

33 71 Electrical Utility Transmission and Distribution



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 Process Interconnections

40 05 Common Work Results For Process Interconnections ⁽⁴⁰⁾

40 05 19 Ductile Iron Process Pipe ^(40 05)

40 05 19 00-0001	Flanged End, Cement Lined, Bituminous Seal Coat, Ductile Iron Piping ^(40 05 19) <small>Note: C110 Fittings, 350 PSI rating for 2" - 24" sizes, 250 PSI rating for 30" - 48" sizes. Pipe barrels conform to ANSI/AWWA C151/A21.51. The bolt holes are aligned per ANSI/AWWA C115/A21.15. Flanged fittings conform to ANSI/AWWA C110/A21.10. Interiors shall be cement lined in accordance with ANSI/AWWA C104/A21.04. Exterior shall be bituminous coating, in accordance with ANSI/AWWA C104/A21.04. See CSI section 40 05 19 00-2059 for bolts, 40 05 19 00-2074 for gaskets.</small>		
40 05 19 00-0002	Flanged End (FxF), Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe ^(40 05 19 00-0001)		
40 05 19 00-0003	4" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe ^(40 05 19 00-0002)		
40 05 19 00-0004	EA 4" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	822.83	226.90
	For Class 52 Rating, Deduct	-52.69	
	For Class 54 Rating, Add	75.98	
	For Class 55 Rating, Add	115.08	
	For Class 56 Rating, Add	153.69	
40 05 19 00-0005	EA 4" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	880.10	230.87
	For Class 52 Rating, Deduct	-58.33	
	For Class 54 Rating, Add	83.74	
	For Class 55 Rating, Add	126.65	
	For Class 56 Rating, Add	169.03	
40 05 19 00-0006	EA 4" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	937.36	234.83
	For Class 52 Rating, Deduct	-63.97	
	For Class 54 Rating, Add	91.50	
	For Class 55 Rating, Add	138.23	
	For Class 56 Rating, Add	184.37	
40 05 19 00-0007	EA 4" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	994.63	238.80
	For Class 52 Rating, Deduct	-69.61	
	For Class 54 Rating, Add	99.26	
	For Class 55 Rating, Add	149.80	
	For Class 56 Rating, Add	199.70	
40 05 19 00-0008	EA 4" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,051.88	242.77
	For Class 52 Rating, Deduct	-75.25	
	For Class 54 Rating, Add	107.02	
	For Class 55 Rating, Add	161.37	
	For Class 56 Rating, Add	215.04	
40 05 19 00-0009	EA 4" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,109.15	246.73
	For Class 52 Rating, Deduct	-80.89	
	For Class 54 Rating, Add	114.78	
	For Class 55 Rating, Add	172.95	
	For Class 56 Rating, Add	230.38	
40 05 19 00-0010	EA 4" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,166.42	250.70
	For Class 52 Rating, Deduct	-86.52	
	For Class 54 Rating, Add	122.54	
	For Class 55 Rating, Add	184.52	
	For Class 56 Rating, Add	245.71	
40 05 19 00-0011	EA 4" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,223.69	254.67
	For Class 52 Rating, Deduct	-92.16	
	For Class 54 Rating, Add	130.30	
	For Class 55 Rating, Add	196.10	
	For Class 56 Rating, Add	261.05	
40 05 19 00-0012	EA 4" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,280.95	258.64
	For Class 52 Rating, Deduct	-97.80	
	For Class 54 Rating, Add	138.06	
	For Class 55 Rating, Add	207.67	
	For Class 56 Rating, Add	276.39	
40 05 19 00-0013	EA 4" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,338.22	262.60
	For Class 52 Rating, Deduct	-103.44	
	For Class 54 Rating, Add	145.83	
	For Class 55 Rating, Add	219.24	
	For Class 56 Rating, Add	291.72	
40 05 19 00-0014	EA 4" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,395.48	266.56
	For Class 52 Rating, Deduct	-109.07	
	For Class 54 Rating, Add	153.59	
	For Class 55 Rating, Add	230.82	
	For Class 56 Rating, Add	307.06	
40 05 19 00-0015	EA 4" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,452.75	270.53
	For Class 52 Rating, Deduct	-114.71	
	For Class 54 Rating, Add	161.35	
	For Class 55 Rating, Add	242.39	
	For Class 56 Rating, Add	322.40	
40 05 19 00-0016	EA 4" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,510.00	274.50
	For Class 52 Rating, Deduct	-120.35	
	For Class 54 Rating, Add	169.11	
	For Class 55 Rating, Add	253.97	
	For Class 56 Rating, Add	337.73	
40 05 19 00-0017	EA 4" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,567.28	278.47
	For Class 52 Rating, Deduct	-125.99	
	For Class 54 Rating, Add	176.87	
	For Class 55 Rating, Add	265.54	
	For Class 56 Rating, Add	353.07	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-0018	EA	4" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,624.55	282.44
		<i>For Class 52 Rating, Deduct</i>	-131.63	
		<i>For Class 54 Rating, Add</i>	184.63	
		<i>For Class 55 Rating, Add</i>	277.12	
		<i>For Class 56 Rating, Add</i>	368.41	
40 05 19 00-0019	EA	4" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,681.81	286.41
		<i>For Class 52 Rating, Deduct</i>	-137.27	
		<i>For Class 54 Rating, Add</i>	192.39	
		<i>For Class 55 Rating, Add</i>	288.69	
		<i>For Class 56 Rating, Add</i>	383.74	
40 05 19 00-0020	EA	4" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,739.08	290.36
		<i>For Class 52 Rating, Deduct</i>	-142.90	
		<i>For Class 54 Rating, Add</i>	200.15	
		<i>For Class 55 Rating, Add</i>	300.26	
		<i>For Class 56 Rating, Add</i>	399.08	
40 05 19 00-0021	EA	4" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,796.34	294.33
		<i>For Class 52 Rating, Deduct</i>	-148.54	
		<i>For Class 54 Rating, Add</i>	207.91	
		<i>For Class 55 Rating, Add</i>	311.84	
		<i>For Class 56 Rating, Add</i>	414.42	
40 05 19 00-0022	EA	4" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,853.61	298.30
		<i>For Class 52 Rating, Deduct</i>	-154.18	
		<i>For Class 54 Rating, Add</i>	215.67	
		<i>For Class 55 Rating, Add</i>	323.41	
		<i>For Class 56 Rating, Add</i>	429.75	
40 05 19 00-0023	EA	4" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,910.88	302.27
		<i>For Class 52 Rating, Deduct</i>	-159.82	
		<i>For Class 54 Rating, Add</i>	223.43	
		<i>For Class 55 Rating, Add</i>	334.99	
		<i>For Class 56 Rating, Add</i>	445.09	
40 05 19 00-0024	EA	4" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,968.14	306.24
		<i>For Class 52 Rating, Deduct</i>	-165.46	
		<i>For Class 54 Rating, Add</i>	231.19	
		<i>For Class 55 Rating, Add</i>	346.56	
		<i>For Class 56 Rating, Add</i>	460.43	
40 05 19 00-0025	EA	4" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,025.40	310.20
		<i>For Class 52 Rating, Deduct</i>	-171.09	
		<i>For Class 54 Rating, Add</i>	238.95	
		<i>For Class 55 Rating, Add</i>	358.13	
		<i>For Class 56 Rating, Add</i>	475.76	
40 05 19 00-0026	EA	4" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,082.67	314.17
		<i>For Class 52 Rating, Deduct</i>	-176.73	
		<i>For Class 54 Rating, Add</i>	246.71	
		<i>For Class 55 Rating, Add</i>	369.71	
		<i>For Class 56 Rating, Add</i>	491.10	
40 05 19 00-0027	EA	4" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,139.93	318.13
		<i>For Class 52 Rating, Deduct</i>	-182.37	
		<i>For Class 54 Rating, Add</i>	254.47	
		<i>For Class 55 Rating, Add</i>	381.28	
		<i>For Class 56 Rating, Add</i>	506.44	
40 05 19 00-0028	EA	4" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,197.20	322.10
		<i>For Class 52 Rating, Deduct</i>	-188.01	
		<i>For Class 54 Rating, Add</i>	262.23	
		<i>For Class 55 Rating, Add</i>	392.86	
		<i>For Class 56 Rating, Add</i>	521.77	
40 05 19 00-0029	EA	4" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,254.46	326.07
		<i>For Class 52 Rating, Deduct</i>	-193.65	
		<i>For Class 54 Rating, Add</i>	269.99	
		<i>For Class 55 Rating, Add</i>	404.43	
		<i>For Class 56 Rating, Add</i>	537.11	
40 05 19 00-0030	EA	4" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,311.74	330.04
		<i>For Class 52 Rating, Deduct</i>	-199.28	
		<i>For Class 54 Rating, Add</i>	277.75	
		<i>For Class 55 Rating, Add</i>	416.01	
		<i>For Class 56 Rating, Add</i>	552.45	
40 05 19 00-0031	EA	4" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,369.01	334.00
		<i>For Class 52 Rating, Deduct</i>	-204.92	
		<i>For Class 54 Rating, Add</i>	285.51	
		<i>For Class 55 Rating, Add</i>	427.58	
		<i>For Class 56 Rating, Add</i>	567.79	
40 05 19 00-0032	EA	4" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,426.27	337.97
		<i>For Class 52 Rating, Deduct</i>	-210.56	
		<i>For Class 54 Rating, Add</i>	293.27	
		<i>For Class 55 Rating, Add</i>	439.15	
		<i>For Class 56 Rating, Add</i>	583.12	
40 05 19 00-0033	EA	4" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,483.53	341.94
		<i>For Class 52 Rating, Deduct</i>	-216.20	
		<i>For Class 54 Rating, Add</i>	301.03	
		<i>For Class 55 Rating, Add</i>	450.73	
		<i>For Class 56 Rating, Add</i>	598.46	
40 05 19 00-0034	EA	4" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,540.79	345.90
		<i>For Class 52 Rating, Deduct</i>	-221.84	
		<i>For Class 54 Rating, Add</i>	308.79	
		<i>For Class 55 Rating, Add</i>	462.30	
		<i>For Class 56 Rating, Add</i>	613.79	
40 05 19 00-0035	EA	4" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,598.06	349.87
		<i>For Class 52 Rating, Deduct</i>	-227.48	
		<i>For Class 54 Rating, Add</i>	316.56	
		<i>For Class 55 Rating, Add</i>	473.88	
		<i>For Class 56 Rating, Add</i>	629.13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0036 EA 4" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,655.32	353.83
For Class 52 Rating, Deduct	-233.11	
For Class 54 Rating, Add	324.31	
For Class 55 Rating, Add	485.45	
For Class 56 Rating, Add	644.47	
40 05 19 00-0037 EA 4" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,712.60	357.80
For Class 52 Rating, Deduct	-238.75	
For Class 54 Rating, Add	332.08	
For Class 55 Rating, Add	497.03	
For Class 56 Rating, Add	659.81	
40 05 19 00-0038 EA 4" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,769.86	361.77
For Class 52 Rating, Deduct	-244.39	
For Class 54 Rating, Add	339.84	
For Class 55 Rating, Add	508.60	
For Class 56 Rating, Add	675.14	
40 05 19 00-0039 EA 4" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,827.13	365.74
For Class 52 Rating, Deduct	-250.03	
For Class 54 Rating, Add	347.60	
For Class 55 Rating, Add	520.17	
For Class 56 Rating, Add	690.48	
40 05 19 00-0040 EA 4" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,884.39	369.71
For Class 52 Rating, Deduct	-255.67	
For Class 54 Rating, Add	355.36	
For Class 55 Rating, Add	531.75	
For Class 56 Rating, Add	705.81	
40 05 19 00-0041 EA 4" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,941.65	373.67
For Class 52 Rating, Deduct	-261.30	
For Class 54 Rating, Add	363.12	
For Class 55 Rating, Add	543.32	
For Class 56 Rating, Add	721.15	
40 05 19 00-0042 EA 4" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,998.91	377.63
For Class 52 Rating, Deduct	-266.94	
For Class 54 Rating, Add	370.88	
For Class 55 Rating, Add	554.90	
For Class 56 Rating, Add	736.49	
40 05 19 00-0043 6" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe (40 05 19 00-0002)		
40 05 19 00-0044 EA 6" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,041.89	285.61
For Class 52 Rating, Deduct	-67.01	
For Class 54 Rating, Add	96.57	
For Class 55 Rating, Add	146.23	
For Class 56 Rating, Add	195.28	
40 05 19 00-0045 EA 6" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,110.98	289.58
For Class 52 Rating, Deduct	-73.95	
For Class 54 Rating, Add	106.10	
For Class 55 Rating, Add	160.44	
For Class 56 Rating, Add	214.10	
40 05 19 00-0046 EA 6" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,180.08	293.55
For Class 52 Rating, Deduct	-80.89	
For Class 54 Rating, Add	115.64	
For Class 55 Rating, Add	174.65	
For Class 56 Rating, Add	232.93	
40 05 19 00-0047 EA 6" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,249.17	297.50
For Class 52 Rating, Deduct	-87.82	
For Class 54 Rating, Add	125.17	
For Class 55 Rating, Add	188.86	
For Class 56 Rating, Add	251.76	
40 05 19 00-0048 EA 6" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,318.26	301.47
For Class 52 Rating, Deduct	-94.76	
For Class 54 Rating, Add	134.70	
For Class 55 Rating, Add	203.07	
For Class 56 Rating, Add	270.58	
40 05 19 00-0049 EA 6" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,387.36	305.44
For Class 52 Rating, Deduct	-101.70	
For Class 54 Rating, Add	144.24	
For Class 55 Rating, Add	217.29	
For Class 56 Rating, Add	289.41	
40 05 19 00-0050 EA 6" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,456.45	309.41
For Class 52 Rating, Deduct	-108.64	
For Class 54 Rating, Add	153.77	
For Class 55 Rating, Add	231.50	
For Class 56 Rating, Add	308.23	
40 05 19 00-0051 EA 6" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,525.54	313.38
For Class 52 Rating, Deduct	-115.58	
For Class 54 Rating, Add	163.31	
For Class 55 Rating, Add	245.71	
For Class 56 Rating, Add	327.06	
40 05 19 00-0052 EA 6" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,594.64	317.35
For Class 52 Rating, Deduct	-122.52	
For Class 54 Rating, Add	172.84	
For Class 55 Rating, Add	259.92	
For Class 56 Rating, Add	345.89	
40 05 19 00-0053 EA 6" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,663.73	321.30
For Class 52 Rating, Deduct	-129.46	
For Class 54 Rating, Add	182.38	
For Class 55 Rating, Add	274.13	
For Class 56 Rating, Add	364.71	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-0054	EA 6" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,732.83	325.27
	For Class 52 Rating, Deduct	-136.40	
	For Class 54 Rating, Add	191.91	
	For Class 55 Rating, Add	288.35	
	For Class 56 Rating, Add	383.54	
40 05 19 00-0055	EA 6" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,801.92	329.24
	For Class 52 Rating, Deduct	-143.34	
	For Class 54 Rating, Add	201.45	
	For Class 55 Rating, Add	302.56	
	For Class 56 Rating, Add	402.36	
40 05 19 00-0056	EA 6" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,871.01	333.21
	For Class 52 Rating, Deduct	-150.28	
	For Class 54 Rating, Add	210.98	
	For Class 55 Rating, Add	316.77	
	For Class 56 Rating, Add	421.19	
40 05 19 00-0057	EA 6" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,940.12	337.18
	For Class 52 Rating, Deduct	-157.22	
	For Class 54 Rating, Add	220.52	
	For Class 55 Rating, Add	330.98	
	For Class 56 Rating, Add	440.02	
40 05 19 00-0058	EA 6" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,009.20	341.14
	For Class 52 Rating, Deduct	-164.16	
	For Class 54 Rating, Add	230.05	
	For Class 55 Rating, Add	345.19	
	For Class 56 Rating, Add	458.84	
40 05 19 00-0059	EA 6" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,078.29	345.11
	For Class 52 Rating, Deduct	-171.09	
	For Class 54 Rating, Add	239.58	
	For Class 55 Rating, Add	359.40	
	For Class 56 Rating, Add	477.67	
40 05 19 00-0060	EA 6" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,147.39	349.08
	For Class 52 Rating, Deduct	-178.03	
	For Class 54 Rating, Add	249.12	
	For Class 55 Rating, Add	373.62	
	For Class 56 Rating, Add	496.49	
40 05 19 00-0061	EA 6" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,216.48	353.04
	For Class 52 Rating, Deduct	-184.97	
	For Class 54 Rating, Add	258.65	
	For Class 55 Rating, Add	387.83	
	For Class 56 Rating, Add	515.32	
40 05 19 00-0062	EA 6" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,285.57	357.01
	For Class 52 Rating, Deduct	-191.91	
	For Class 54 Rating, Add	268.19	
	For Class 55 Rating, Add	402.04	
	For Class 56 Rating, Add	534.14	
40 05 19 00-0063	EA 6" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,354.68	360.98
	For Class 52 Rating, Deduct	-198.85	
	For Class 54 Rating, Add	277.72	
	For Class 55 Rating, Add	416.25	
	For Class 56 Rating, Add	552.97	
40 05 19 00-0064	EA 6" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,423.77	364.94
	For Class 52 Rating, Deduct	-205.79	
	For Class 54 Rating, Add	287.26	
	For Class 55 Rating, Add	430.46	
	For Class 56 Rating, Add	571.80	
40 05 19 00-0065	EA 6" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,492.86	368.91
	For Class 52 Rating, Deduct	-212.73	
	For Class 54 Rating, Add	296.79	
	For Class 55 Rating, Add	444.67	
	For Class 56 Rating, Add	590.62	
40 05 19 00-0066	EA 6" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,561.95	372.88
	For Class 52 Rating, Deduct	-219.67	
	For Class 54 Rating, Add	306.33	
	For Class 55 Rating, Add	458.89	
	For Class 56 Rating, Add	609.45	
40 05 19 00-0067	EA 6" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,631.04	376.85
	For Class 52 Rating, Deduct	-226.61	
	For Class 54 Rating, Add	315.86	
	For Class 55 Rating, Add	473.10	
	For Class 56 Rating, Add	628.28	
40 05 19 00-0068	EA 6" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,700.13	380.81
	For Class 52 Rating, Deduct	-233.55	
	For Class 54 Rating, Add	325.40	
	For Class 55 Rating, Add	487.31	
	For Class 56 Rating, Add	647.10	
40 05 19 00-0069	EA 6" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,769.23	384.77
	For Class 52 Rating, Deduct	-240.49	
	For Class 54 Rating, Add	334.93	
	For Class 55 Rating, Add	501.52	
	For Class 56 Rating, Add	665.93	
40 05 19 00-0070	EA 6" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,838.33	388.74
	For Class 52 Rating, Deduct	-247.43	
	For Class 54 Rating, Add	344.47	
	For Class 55 Rating, Add	515.73	
	For Class 56 Rating, Add	684.75	
40 05 19 00-0071	EA 6" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,907.43	392.71
	For Class 52 Rating, Deduct	-254.37	
	For Class 54 Rating, Add	354.00	
	For Class 55 Rating, Add	529.95	
	For Class 56 Rating, Add	703.58	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0072	EA		6" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,976.52	396.68
			For Class 52 Rating, Deduct	-261.30	
			For Class 54 Rating, Add	363.54	
			For Class 55 Rating, Add	544.16	
			For Class 56 Rating, Add	722.41	
40 05 19 00-0073	EA		6" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,045.61	400.65
			For Class 52 Rating, Deduct	-268.24	
			For Class 54 Rating, Add	373.07	
			For Class 55 Rating, Add	558.37	
			For Class 56 Rating, Add	741.23	
40 05 19 00-0074	EA		6" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,114.70	404.62
			For Class 52 Rating, Deduct	-275.18	
			For Class 54 Rating, Add	382.61	
			For Class 55 Rating, Add	572.58	
			For Class 56 Rating, Add	760.06	
40 05 19 00-0075	EA		6" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,183.79	408.57
			For Class 52 Rating, Deduct	-282.12	
			For Class 54 Rating, Add	392.14	
			For Class 55 Rating, Add	586.79	
			For Class 56 Rating, Add	778.88	
40 05 19 00-0076	EA		6" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,252.88	412.54
			For Class 52 Rating, Deduct	-289.06	
			For Class 54 Rating, Add	401.67	
			For Class 55 Rating, Add	601.01	
			For Class 56 Rating, Add	797.71	
40 05 19 00-0077	EA		6" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,321.99	416.51
			For Class 52 Rating, Deduct	-296.00	
			For Class 54 Rating, Add	411.21	
			For Class 55 Rating, Add	615.22	
			For Class 56 Rating, Add	816.54	
40 05 19 00-0078	EA		6" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,391.08	420.48
			For Class 52 Rating, Deduct	-302.94	
			For Class 54 Rating, Add	420.74	
			For Class 55 Rating, Add	629.43	
			For Class 56 Rating, Add	835.36	
40 05 19 00-0079	EA		6" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,460.17	424.45
			For Class 52 Rating, Deduct	-309.88	
			For Class 54 Rating, Add	430.28	
			For Class 55 Rating, Add	643.64	
			For Class 56 Rating, Add	854.19	
40 05 19 00-0080	EA		6" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,529.27	428.41
			For Class 52 Rating, Deduct	-316.82	
			For Class 54 Rating, Add	439.81	
			For Class 55 Rating, Add	657.85	
			For Class 56 Rating, Add	873.02	
40 05 19 00-0081	EA		6" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,598.36	432.38
			For Class 52 Rating, Deduct	-323.76	
			For Class 54 Rating, Add	449.35	
			For Class 55 Rating, Add	672.07	
			For Class 56 Rating, Add	891.84	
40 05 19 00-0082	EA		6" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,667.44	436.34
			For Class 52 Rating, Deduct	-330.70	
			For Class 54 Rating, Add	458.88	
			For Class 55 Rating, Add	686.28	
			For Class 56 Rating, Add	910.66	
40 05 19 00-0083			8" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0002)</small>		
40 05 19 00-0084	EA		8" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,449.92	364.94
			For Class 52 Rating, Deduct	-98.67	
			For Class 54 Rating, Add	141.18	
			For Class 55 Rating, Add	213.30	
			For Class 56 Rating, Add	284.51	
40 05 19 00-0085	EA		8" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,542.67	368.91
			For Class 52 Rating, Deduct	-108.21	
			For Class 54 Rating, Add	154.26	
			For Class 55 Rating, Add	232.78	
			For Class 56 Rating, Add	310.32	
40 05 19 00-0086	EA		8" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,635.41	372.88
			For Class 52 Rating, Deduct	-117.75	
			For Class 54 Rating, Add	167.35	
			For Class 55 Rating, Add	252.27	
			For Class 56 Rating, Add	336.12	
40 05 19 00-0087	EA		8" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,728.16	376.85
			For Class 52 Rating, Deduct	-127.29	
			For Class 54 Rating, Add	180.43	
			For Class 55 Rating, Add	271.76	
			For Class 56 Rating, Add	361.93	
40 05 19 00-0088	EA		8" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,820.91	380.81
			For Class 52 Rating, Deduct	-136.83	
			For Class 54 Rating, Add	193.51	
			For Class 55 Rating, Add	291.24	
			For Class 56 Rating, Add	387.73	
40 05 19 00-0089	EA		8" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,913.66	384.77
			For Class 52 Rating, Deduct	-146.37	
			For Class 54 Rating, Add	206.60	
			For Class 55 Rating, Add	310.73	
			For Class 56 Rating, Add	413.54	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

40 05 19 00-0090	EA	8" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,006.42	388.74
		<i>For Class 52 Rating, Deduct</i>	-155.92	
		<i>For Class 54 Rating, Add</i>	219.68	
		<i>For Class 55 Rating, Add</i>	330.22	
		<i>For Class 56 Rating, Add</i>	439.34	
40 05 19 00-0091	EA	8" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,099.17	392.71
		<i>For Class 52 Rating, Deduct</i>	-165.46	
		<i>For Class 54 Rating, Add</i>	232.76	
		<i>For Class 55 Rating, Add</i>	349.71	
		<i>For Class 56 Rating, Add</i>	465.14	
40 05 19 00-0092	EA	8" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,191.92	396.68
		<i>For Class 52 Rating, Deduct</i>	-175.00	
		<i>For Class 54 Rating, Add</i>	245.85	
		<i>For Class 55 Rating, Add</i>	369.19	
		<i>For Class 56 Rating, Add</i>	490.95	
40 05 19 00-0093	EA	8" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,284.67	400.65
		<i>For Class 52 Rating, Deduct</i>	-184.54	
		<i>For Class 54 Rating, Add</i>	258.93	
		<i>For Class 55 Rating, Add</i>	388.68	
		<i>For Class 56 Rating, Add</i>	516.75	
40 05 19 00-0094	EA	8" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,377.41	404.62
		<i>For Class 52 Rating, Deduct</i>	-194.08	
		<i>For Class 54 Rating, Add</i>	272.01	
		<i>For Class 55 Rating, Add</i>	408.17	
		<i>For Class 56 Rating, Add</i>	542.56	
40 05 19 00-0095	EA	8" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,470.16	408.57
		<i>For Class 52 Rating, Deduct</i>	-203.62	
		<i>For Class 54 Rating, Add</i>	285.10	
		<i>For Class 55 Rating, Add</i>	427.65	
		<i>For Class 56 Rating, Add</i>	568.36	
40 05 19 00-0096	EA	8" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,562.91	412.54
		<i>For Class 52 Rating, Deduct</i>	-213.16	
		<i>For Class 54 Rating, Add</i>	298.18	
		<i>For Class 55 Rating, Add</i>	447.14	
		<i>For Class 56 Rating, Add</i>	594.17	
40 05 19 00-0097	EA	8" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,655.67	416.51
		<i>For Class 52 Rating, Deduct</i>	-222.70	
		<i>For Class 54 Rating, Add</i>	311.26	
		<i>For Class 55 Rating, Add</i>	466.63	
		<i>For Class 56 Rating, Add</i>	619.97	
40 05 19 00-0098	EA	8" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,748.42	420.48
		<i>For Class 52 Rating, Deduct</i>	-232.25	
		<i>For Class 54 Rating, Add</i>	324.34	
		<i>For Class 55 Rating, Add</i>	486.12	
		<i>For Class 56 Rating, Add</i>	645.78	
40 05 19 00-0099	EA	8" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,841.17	424.45
		<i>For Class 52 Rating, Deduct</i>	-241.79	
		<i>For Class 54 Rating, Add</i>	337.43	
		<i>For Class 55 Rating, Add</i>	505.60	
		<i>For Class 56 Rating, Add</i>	671.58	
40 05 19 00-0100	EA	8" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,933.92	428.41
		<i>For Class 52 Rating, Deduct</i>	-251.33	
		<i>For Class 54 Rating, Add</i>	350.51	
		<i>For Class 55 Rating, Add</i>	525.09	
		<i>For Class 56 Rating, Add</i>	697.39	
40 05 19 00-0101	EA	8" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,026.67	432.38
		<i>For Class 52 Rating, Deduct</i>	-260.87	
		<i>For Class 54 Rating, Add</i>	363.59	
		<i>For Class 55 Rating, Add</i>	544.58	
		<i>For Class 56 Rating, Add</i>	723.19	
40 05 19 00-0102	EA	8" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,119.41	436.34
		<i>For Class 52 Rating, Deduct</i>	-270.41	
		<i>For Class 54 Rating, Add</i>	376.68	
		<i>For Class 55 Rating, Add</i>	564.07	
		<i>For Class 56 Rating, Add</i>	749.00	
40 05 19 00-0103	EA	8" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,212.16	440.31
		<i>For Class 52 Rating, Deduct</i>	-279.95	
		<i>For Class 54 Rating, Add</i>	389.76	
		<i>For Class 55 Rating, Add</i>	583.55	
		<i>For Class 56 Rating, Add</i>	774.80	
40 05 19 00-0104	EA	8" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,304.92	444.28
		<i>For Class 52 Rating, Deduct</i>	-289.49	
		<i>For Class 54 Rating, Add</i>	402.84	
		<i>For Class 55 Rating, Add</i>	603.04	
		<i>For Class 56 Rating, Add</i>	800.61	
40 05 19 00-0105	EA	8" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,397.67	448.25
		<i>For Class 52 Rating, Deduct</i>	-299.04	
		<i>For Class 54 Rating, Add</i>	415.93	
		<i>For Class 55 Rating, Add</i>	622.53	
		<i>For Class 56 Rating, Add</i>	826.41	
40 05 19 00-0106	EA	8" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,490.42	452.21
		<i>For Class 52 Rating, Deduct</i>	-308.58	
		<i>For Class 54 Rating, Add</i>	429.01	
		<i>For Class 55 Rating, Add</i>	642.01	
		<i>For Class 56 Rating, Add</i>	852.21	
40 05 19 00-0107	EA	8" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,583.17	456.18
		<i>For Class 52 Rating, Deduct</i>	-318.12	
		<i>For Class 54 Rating, Add</i>	442.09	
		<i>For Class 55 Rating, Add</i>	661.50	
		<i>For Class 56 Rating, Add</i>	878.02	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0108	EA		8" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,675.91	460.15
			For Class 52 Rating, Deduct	-327.66	
			For Class 54 Rating, Add	455.17	
			For Class 55 Rating, Add	680.99	
			For Class 56 Rating, Add	903.82	
40 05 19 00-0109	EA		8" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,768.66	464.11
			For Class 52 Rating, Deduct	-337.20	
			For Class 54 Rating, Add	468.26	
			For Class 55 Rating, Add	700.47	
			For Class 56 Rating, Add	929.63	
40 05 19 00-0110	EA		8" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,861.41	468.08
			For Class 52 Rating, Deduct	-346.74	
			For Class 54 Rating, Add	481.34	
			For Class 55 Rating, Add	719.96	
			For Class 56 Rating, Add	955.43	
40 05 19 00-0111	EA		8" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,954.16	472.04
			For Class 52 Rating, Deduct	-356.28	
			For Class 54 Rating, Add	494.42	
			For Class 55 Rating, Add	739.45	
			For Class 56 Rating, Add	981.24	
40 05 19 00-0112	EA		8" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,046.91	476.01
			For Class 52 Rating, Deduct	-365.82	
			For Class 54 Rating, Add	507.51	
			For Class 55 Rating, Add	758.94	
			For Class 56 Rating, Add	1,007.04	
40 05 19 00-0113	EA		8" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,139.66	479.98
			For Class 52 Rating, Deduct	-375.37	
			For Class 54 Rating, Add	520.59	
			For Class 55 Rating, Add	778.42	
			For Class 56 Rating, Add	1,032.84	
40 05 19 00-0114	EA		8" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,232.41	483.95
			For Class 52 Rating, Deduct	-384.91	
			For Class 54 Rating, Add	533.67	
			For Class 55 Rating, Add	797.91	
			For Class 56 Rating, Add	1,058.65	
40 05 19 00-0115	EA		8" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,325.16	487.92
			For Class 52 Rating, Deduct	-394.45	
			For Class 54 Rating, Add	546.76	
			For Class 55 Rating, Add	817.40	
			For Class 56 Rating, Add	1,084.45	
40 05 19 00-0116	EA		8" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,417.91	491.88
			For Class 52 Rating, Deduct	-403.99	
			For Class 54 Rating, Add	559.84	
			For Class 55 Rating, Add	836.89	
			For Class 56 Rating, Add	1,110.26	
40 05 19 00-0117	EA		8" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,510.67	495.84
			For Class 52 Rating, Deduct	-413.53	
			For Class 54 Rating, Add	572.92	
			For Class 55 Rating, Add	856.37	
			For Class 56 Rating, Add	1,136.06	
40 05 19 00-0118	EA		8" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,603.41	499.81
			For Class 52 Rating, Deduct	-423.07	
			For Class 54 Rating, Add	586.01	
			For Class 55 Rating, Add	875.86	
			For Class 56 Rating, Add	1,161.87	
40 05 19 00-0119	EA		8" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,696.16	503.78
			For Class 52 Rating, Deduct	-432.61	
			For Class 54 Rating, Add	599.09	
			For Class 55 Rating, Add	895.35	
			For Class 56 Rating, Add	1,187.67	
40 05 19 00-0120	EA		8" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,788.91	507.75
			For Class 52 Rating, Deduct	-442.16	
			For Class 54 Rating, Add	612.17	
			For Class 55 Rating, Add	914.83	
			For Class 56 Rating, Add	1,213.48	
40 05 19 00-0121	EA		8" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,881.66	511.72
			For Class 52 Rating, Deduct	-451.70	
			For Class 54 Rating, Add	625.25	
			For Class 55 Rating, Add	934.32	
			For Class 56 Rating, Add	1,239.28	
40 05 19 00-0122	EA		8" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,974.41	515.68
			For Class 52 Rating, Deduct	-461.24	
			For Class 54 Rating, Add	638.34	
			For Class 55 Rating, Add	953.81	
			For Class 56 Rating, Add	1,265.09	
40 05 19 00-0123			10" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0002)</small>		
40 05 19 00-0124	EA		10" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,824.42	444.28
			For Class 52 Rating, Deduct	-126.64	
			For Class 54 Rating, Add	180.77	
			For Class 55 Rating, Add	272.89	
			For Class 56 Rating, Add	363.86	
40 05 19 00-0125	EA		10" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,944.77	448.25
			For Class 52 Rating, Deduct	-139.22	
			For Class 54 Rating, Add	197.99	
			For Class 55 Rating, Add	298.53	
			For Class 56 Rating, Add	397.80	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

40 05 19 00-0126	EA	10" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,065.12	452.21
		<i>For Class 52 Rating, Deduct</i>	-151.79	
		<i>For Class 54 Rating, Add</i>	215.21	
		<i>For Class 55 Rating, Add</i>	324.17	
		<i>For Class 56 Rating, Add</i>	431.75	
40 05 19 00-0127	EA	10" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,185.47	456.18
		<i>For Class 52 Rating, Deduct</i>	-164.37	
		<i>For Class 54 Rating, Add</i>	232.44	
		<i>For Class 55 Rating, Add</i>	349.81	
		<i>For Class 56 Rating, Add</i>	465.70	
40 05 19 00-0128	EA	10" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,305.82	460.15
		<i>For Class 52 Rating, Deduct</i>	-176.95	
		<i>For Class 54 Rating, Add</i>	249.66	
		<i>For Class 55 Rating, Add</i>	375.46	
		<i>For Class 56 Rating, Add</i>	499.64	
40 05 19 00-0129	EA	10" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,426.17	464.11
		<i>For Class 52 Rating, Deduct</i>	-189.53	
		<i>For Class 54 Rating, Add</i>	266.88	
		<i>For Class 55 Rating, Add</i>	401.10	
		<i>For Class 56 Rating, Add</i>	533.59	
40 05 19 00-0130	EA	10" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,546.52	468.08
		<i>For Class 52 Rating, Deduct</i>	-202.10	
		<i>For Class 54 Rating, Add</i>	284.11	
		<i>For Class 55 Rating, Add</i>	426.74	
		<i>For Class 56 Rating, Add</i>	567.54	
40 05 19 00-0131	EA	10" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,666.87	472.04
		<i>For Class 52 Rating, Deduct</i>	-214.68	
		<i>For Class 54 Rating, Add</i>	301.33	
		<i>For Class 55 Rating, Add</i>	452.38	
		<i>For Class 56 Rating, Add</i>	601.48	
40 05 19 00-0132	EA	10" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,787.22	476.01
		<i>For Class 52 Rating, Deduct</i>	-227.26	
		<i>For Class 54 Rating, Add</i>	318.55	
		<i>For Class 55 Rating, Add</i>	478.03	
		<i>For Class 56 Rating, Add</i>	635.43	
40 05 19 00-0133	EA	10" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,907.56	479.98
		<i>For Class 52 Rating, Deduct</i>	-239.84	
		<i>For Class 54 Rating, Add</i>	335.77	
		<i>For Class 55 Rating, Add</i>	503.67	
		<i>For Class 56 Rating, Add</i>	669.38	
40 05 19 00-0134	EA	10" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,027.91	483.95
		<i>For Class 52 Rating, Deduct</i>	-252.41	
		<i>For Class 54 Rating, Add</i>	353.00	
		<i>For Class 55 Rating, Add</i>	529.31	
		<i>For Class 56 Rating, Add</i>	703.32	
40 05 19 00-0135	EA	10" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,148.26	487.92
		<i>For Class 52 Rating, Deduct</i>	-264.99	
		<i>For Class 54 Rating, Add</i>	370.22	
		<i>For Class 55 Rating, Add</i>	554.95	
		<i>For Class 56 Rating, Add</i>	737.27	
40 05 19 00-0136	EA	10" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,268.61	491.88
		<i>For Class 52 Rating, Deduct</i>	-277.57	
		<i>For Class 54 Rating, Add</i>	387.44	
		<i>For Class 55 Rating, Add</i>	580.59	
		<i>For Class 56 Rating, Add</i>	771.22	
40 05 19 00-0137	EA	10" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,388.97	495.84
		<i>For Class 52 Rating, Deduct</i>	-290.14	
		<i>For Class 54 Rating, Add</i>	404.67	
		<i>For Class 55 Rating, Add</i>	606.23	
		<i>For Class 56 Rating, Add</i>	805.16	
40 05 19 00-0138	EA	10" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,509.31	499.81
		<i>For Class 52 Rating, Deduct</i>	-302.72	
		<i>For Class 54 Rating, Add</i>	421.89	
		<i>For Class 55 Rating, Add</i>	631.88	
		<i>For Class 56 Rating, Add</i>	839.11	
40 05 19 00-0139	EA	10" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,629.66	503.78
		<i>For Class 52 Rating, Deduct</i>	-315.30	
		<i>For Class 54 Rating, Add</i>	439.11	
		<i>For Class 55 Rating, Add</i>	657.52	
		<i>For Class 56 Rating, Add</i>	873.06	
40 05 19 00-0140	EA	10" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,750.01	507.75
		<i>For Class 52 Rating, Deduct</i>	-327.88	
		<i>For Class 54 Rating, Add</i>	456.34	
		<i>For Class 55 Rating, Add</i>	683.16	
		<i>For Class 56 Rating, Add</i>	907.00	
40 05 19 00-0141	EA	10" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,870.36	511.72
		<i>For Class 52 Rating, Deduct</i>	-340.45	
		<i>For Class 54 Rating, Add</i>	473.56	
		<i>For Class 55 Rating, Add</i>	708.80	
		<i>For Class 56 Rating, Add</i>	940.95	
40 05 19 00-0142	EA	10" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,990.70	515.68
		<i>For Class 52 Rating, Deduct</i>	-353.03	
		<i>For Class 54 Rating, Add</i>	490.78	
		<i>For Class 55 Rating, Add</i>	734.44	
		<i>For Class 56 Rating, Add</i>	974.89	
40 05 19 00-0143	EA	10" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,111.05	519.64
		<i>For Class 52 Rating, Deduct</i>	-365.61	
		<i>For Class 54 Rating, Add</i>	508.00	
		<i>For Class 55 Rating, Add</i>	760.08	
		<i>For Class 56 Rating, Add</i>	1,008.84	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0144 EA 10" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,231.41	523.61
For Class 52 Rating, Deduct	-378.19	
For Class 54 Rating, Add	525.23	
For Class 55 Rating, Add	785.73	
For Class 56 Rating, Add	1,042.79	
40 05 19 00-0145 EA 10" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,351.76	527.58
For Class 52 Rating, Deduct	-390.76	
For Class 54 Rating, Add	542.45	
For Class 55 Rating, Add	811.37	
For Class 56 Rating, Add	1,076.73	
40 05 19 00-0146 EA 10" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,472.11	531.55
For Class 52 Rating, Deduct	-403.34	
For Class 54 Rating, Add	559.67	
For Class 55 Rating, Add	837.01	
For Class 56 Rating, Add	1,110.68	
40 05 19 00-0147 EA 10" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,592.45	535.52
For Class 52 Rating, Deduct	-415.92	
For Class 54 Rating, Add	576.90	
For Class 55 Rating, Add	862.65	
For Class 56 Rating, Add	1,144.63	
40 05 19 00-0148 EA 10" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,712.80	539.48
For Class 52 Rating, Deduct	-428.50	
For Class 54 Rating, Add	594.12	
For Class 55 Rating, Add	888.29	
For Class 56 Rating, Add	1,178.57	
40 05 19 00-0149 EA 10" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,833.15	543.45
For Class 52 Rating, Deduct	-441.07	
For Class 54 Rating, Add	611.34	
For Class 55 Rating, Add	913.94	
For Class 56 Rating, Add	1,212.52	
40 05 19 00-0150 EA 10" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,953.50	547.41
For Class 52 Rating, Deduct	-453.65	
For Class 54 Rating, Add	628.57	
For Class 55 Rating, Add	939.58	
For Class 56 Rating, Add	1,246.47	
40 05 19 00-0151 EA 10" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,073.85	551.38
For Class 52 Rating, Deduct	-466.23	
For Class 54 Rating, Add	645.79	
For Class 55 Rating, Add	965.22	
For Class 56 Rating, Add	1,280.41	
40 05 19 00-0152 EA 10" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,194.20	555.35
For Class 52 Rating, Deduct	-478.80	
For Class 54 Rating, Add	663.01	
For Class 55 Rating, Add	990.86	
For Class 56 Rating, Add	1,314.36	
40 05 19 00-0153 EA 10" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,314.55	559.31
For Class 52 Rating, Deduct	-491.38	
For Class 54 Rating, Add	680.23	
For Class 55 Rating, Add	1,016.50	
For Class 56 Rating, Add	1,348.30	
40 05 19 00-0154 EA 10" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,434.90	563.28
For Class 52 Rating, Deduct	-503.96	
For Class 54 Rating, Add	697.46	
For Class 55 Rating, Add	1,042.14	
For Class 56 Rating, Add	1,382.25	
40 05 19 00-0155 EA 10" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,553.27	567.25
For Class 52 Rating, Deduct	-516.32	
For Class 54 Rating, Add	714.39	
For Class 55 Rating, Add	1,067.35	
For Class 56 Rating, Add	1,415.61	
40 05 19 00-0156 EA 10" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,675.59	571.22
For Class 52 Rating, Deduct	-529.11	
For Class 54 Rating, Add	731.90	
For Class 55 Rating, Add	1,093.43	
For Class 56 Rating, Add	1,450.14	
40 05 19 00-0157 EA 10" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,795.95	575.18
For Class 52 Rating, Deduct	-541.69	
For Class 54 Rating, Add	749.13	
For Class 55 Rating, Add	1,119.07	
For Class 56 Rating, Add	1,484.09	
40 05 19 00-0158 EA 10" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,916.30	579.15
For Class 52 Rating, Deduct	-554.27	
For Class 54 Rating, Add	766.35	
For Class 55 Rating, Add	1,144.71	
For Class 56 Rating, Add	1,518.04	
40 05 19 00-0159 EA 10" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,036.65	583.11
For Class 52 Rating, Deduct	-566.85	
For Class 54 Rating, Add	783.57	
For Class 55 Rating, Add	1,170.35	
For Class 56 Rating, Add	1,551.98	
40 05 19 00-0160 EA 10" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,156.99	587.08
For Class 52 Rating, Deduct	-579.42	
For Class 54 Rating, Add	800.79	
For Class 55 Rating, Add	1,195.99	
For Class 56 Rating, Add	1,585.93	
40 05 19 00-0161 EA 10" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,277.34	591.05
For Class 52 Rating, Deduct	-592.00	
For Class 54 Rating, Add	818.02	
For Class 55 Rating, Add	1,221.64	
For Class 56 Rating, Add	1,619.87	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-0162	EA	10" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,397.69	595.02
		<i>For Class 52 Rating, Deduct</i>	-604.58	
		<i>For Class 54 Rating, Add</i>	835.24	
		<i>For Class 55 Rating, Add</i>	1,247.28	
		<i>For Class 56 Rating, Add</i>	1,653.82	

40 05 19 00-0163 12" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe
(40 05 19 00-0002)

40 05 19 00-0164	EA	12" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,383.04	555.35
		<i>For Class 52 Rating, Deduct</i>	-169.58	
		<i>For Class 54 Rating, Add</i>	241.34	
		<i>For Class 55 Rating, Add</i>	363.97	
		<i>For Class 56 Rating, Add</i>	485.06	
40 05 19 00-0165	EA	12" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,532.96	559.31
		<i>For Class 52 Rating, Deduct</i>	-185.41	
		<i>For Class 54 Rating, Add</i>	263.00	
		<i>For Class 55 Rating, Add</i>	396.21	
		<i>For Class 56 Rating, Add</i>	527.73	
40 05 19 00-0166	EA	12" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,682.88	563.28
		<i>For Class 52 Rating, Deduct</i>	-201.24	
		<i>For Class 54 Rating, Add</i>	284.65	
		<i>For Class 55 Rating, Add</i>	428.44	
		<i>For Class 56 Rating, Add</i>	570.40	
40 05 19 00-0167	EA	12" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,832.79	567.25
		<i>For Class 52 Rating, Deduct</i>	-217.07	
		<i>For Class 54 Rating, Add</i>	306.31	
		<i>For Class 55 Rating, Add</i>	460.68	
		<i>For Class 56 Rating, Add</i>	613.07	
40 05 19 00-0168	EA	12" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,982.71	571.22
		<i>For Class 52 Rating, Deduct</i>	-232.90	
		<i>For Class 54 Rating, Add</i>	327.97	
		<i>For Class 55 Rating, Add</i>	492.92	
		<i>For Class 56 Rating, Add</i>	655.74	
40 05 19 00-0169	EA	12" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,132.64	575.18
		<i>For Class 52 Rating, Deduct</i>	-248.73	
		<i>For Class 54 Rating, Add</i>	349.63	
		<i>For Class 55 Rating, Add</i>	525.15	
		<i>For Class 56 Rating, Add</i>	698.41	
40 05 19 00-0170	EA	12" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,282.56	579.15
		<i>For Class 52 Rating, Deduct</i>	-264.56	
		<i>For Class 54 Rating, Add</i>	371.29	
		<i>For Class 55 Rating, Add</i>	557.39	
		<i>For Class 56 Rating, Add</i>	741.08	
40 05 19 00-0171	EA	12" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,432.48	583.11
		<i>For Class 52 Rating, Deduct</i>	-280.39	
		<i>For Class 54 Rating, Add</i>	392.95	
		<i>For Class 55 Rating, Add</i>	589.62	
		<i>For Class 56 Rating, Add</i>	783.75	
40 05 19 00-0172	EA	12" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,582.40	587.08
		<i>For Class 52 Rating, Deduct</i>	-296.22	
		<i>For Class 54 Rating, Add</i>	414.61	
		<i>For Class 55 Rating, Add</i>	621.86	
		<i>For Class 56 Rating, Add</i>	826.42	
40 05 19 00-0173	EA	12" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,732.32	591.05
		<i>For Class 52 Rating, Deduct</i>	-312.05	
		<i>For Class 54 Rating, Add</i>	436.26	
		<i>For Class 55 Rating, Add</i>	654.10	
		<i>For Class 56 Rating, Add</i>	869.09	
40 05 19 00-0174	EA	12" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,882.24	595.02
		<i>For Class 52 Rating, Deduct</i>	-327.88	
		<i>For Class 54 Rating, Add</i>	457.92	
		<i>For Class 55 Rating, Add</i>	686.33	
		<i>For Class 56 Rating, Add</i>	911.76	
40 05 19 00-0175	EA	12" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,032.15	598.99
		<i>For Class 52 Rating, Deduct</i>	-343.71	
		<i>For Class 54 Rating, Add</i>	479.58	
		<i>For Class 55 Rating, Add</i>	718.57	
		<i>For Class 56 Rating, Add</i>	954.43	
40 05 19 00-0176	EA	12" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,182.07	602.94
		<i>For Class 52 Rating, Deduct</i>	-359.54	
		<i>For Class 54 Rating, Add</i>	501.24	
		<i>For Class 55 Rating, Add</i>	750.80	
		<i>For Class 56 Rating, Add</i>	997.10	
40 05 19 00-0177	EA	12" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,331.99	606.91
		<i>For Class 52 Rating, Deduct</i>	-375.37	
		<i>For Class 54 Rating, Add</i>	522.90	
		<i>For Class 55 Rating, Add</i>	783.04	
		<i>For Class 56 Rating, Add</i>	1,039.77	
40 05 19 00-0178	EA	12" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,481.91	610.88
		<i>For Class 52 Rating, Deduct</i>	-391.20	
		<i>For Class 54 Rating, Add</i>	544.56	
		<i>For Class 55 Rating, Add</i>	815.28	
		<i>For Class 56 Rating, Add</i>	1,082.44	
40 05 19 00-0179	EA	12" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,631.83	614.85
		<i>For Class 52 Rating, Deduct</i>	-407.03	
		<i>For Class 54 Rating, Add</i>	566.22	
		<i>For Class 55 Rating, Add</i>	847.51	
		<i>For Class 56 Rating, Add</i>	1,125.11	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0180	EA		12" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,781.75	618.82
			For Class 52 Rating, Deduct	-422.86	
			For Class 54 Rating, Add	587.87	
			For Class 55 Rating, Add	879.75	
			For Class 56 Rating, Add	1,167.78	
40 05 19 00-0181	EA		12" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,931.67	622.79
			For Class 52 Rating, Deduct	-438.69	
			For Class 54 Rating, Add	609.53	
			For Class 55 Rating, Add	911.98	
			For Class 56 Rating, Add	1,210.45	
40 05 19 00-0182	EA		12" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,081.59	626.75
			For Class 52 Rating, Deduct	-454.52	
			For Class 54 Rating, Add	631.19	
			For Class 55 Rating, Add	944.22	
			For Class 56 Rating, Add	1,253.12	
40 05 19 00-0183	EA		12" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,231.51	630.71
			For Class 52 Rating, Deduct	-470.35	
			For Class 54 Rating, Add	652.85	
			For Class 55 Rating, Add	976.46	
			For Class 56 Rating, Add	1,295.79	
40 05 19 00-0184	EA		12" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,381.43	634.68
			For Class 52 Rating, Deduct	-486.18	
			For Class 54 Rating, Add	674.51	
			For Class 55 Rating, Add	1,008.69	
			For Class 56 Rating, Add	1,338.46	
40 05 19 00-0185	EA		12" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,531.35	638.65
			For Class 52 Rating, Deduct	-502.01	
			For Class 54 Rating, Add	696.17	
			For Class 55 Rating, Add	1,040.93	
			For Class 56 Rating, Add	1,381.13	
40 05 19 00-0186	EA		12" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,681.27	642.62
			For Class 52 Rating, Deduct	-517.84	
			For Class 54 Rating, Add	717.83	
			For Class 55 Rating, Add	1,073.16	
			For Class 56 Rating, Add	1,423.80	
40 05 19 00-0187	EA		12" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,831.19	646.58
			For Class 52 Rating, Deduct	-533.67	
			For Class 54 Rating, Add	739.48	
			For Class 55 Rating, Add	1,105.40	
			For Class 56 Rating, Add	1,466.47	
40 05 19 00-0188	EA		12" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,981.11	650.55
			For Class 52 Rating, Deduct	-549.50	
			For Class 54 Rating, Add	761.14	
			For Class 55 Rating, Add	1,137.64	
			For Class 56 Rating, Add	1,509.14	
40 05 19 00-0189	EA		12" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,131.04	654.52
			For Class 52 Rating, Deduct	-565.33	
			For Class 54 Rating, Add	782.80	
			For Class 55 Rating, Add	1,169.87	
			For Class 56 Rating, Add	1,551.81	
40 05 19 00-0190	EA		12" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,280.95	658.48
			For Class 52 Rating, Deduct	-581.16	
			For Class 54 Rating, Add	804.46	
			For Class 55 Rating, Add	1,202.11	
			For Class 56 Rating, Add	1,594.47	
40 05 19 00-0191	EA		12" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,430.86	662.45
			For Class 52 Rating, Deduct	-596.99	
			For Class 54 Rating, Add	826.12	
			For Class 55 Rating, Add	1,234.34	
			For Class 56 Rating, Add	1,637.14	
40 05 19 00-0192	EA		12" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,580.78	666.42
			For Class 52 Rating, Deduct	-612.82	
			For Class 54 Rating, Add	847.78	
			For Class 55 Rating, Add	1,266.58	
			For Class 56 Rating, Add	1,679.81	
40 05 19 00-0193	EA		12" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,730.70	670.38
			For Class 52 Rating, Deduct	-628.65	
			For Class 54 Rating, Add	869.43	
			For Class 55 Rating, Add	1,298.82	
			For Class 56 Rating, Add	1,722.48	
40 05 19 00-0194	EA		12" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,880.62	674.35
			For Class 52 Rating, Deduct	-644.48	
			For Class 54 Rating, Add	891.09	
			For Class 55 Rating, Add	1,331.05	
			For Class 56 Rating, Add	1,765.15	
40 05 19 00-0195	EA		12" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,030.54	678.32
			For Class 52 Rating, Deduct	-660.31	
			For Class 54 Rating, Add	912.75	
			For Class 55 Rating, Add	1,363.29	
			For Class 56 Rating, Add	1,807.82	
40 05 19 00-0196	EA		12" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,180.47	682.29
			For Class 52 Rating, Deduct	-676.14	
			For Class 54 Rating, Add	934.41	
			For Class 55 Rating, Add	1,395.52	
			For Class 56 Rating, Add	1,850.49	
40 05 19 00-0197	EA		12" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,330.39	686.25
			For Class 52 Rating, Deduct	-691.97	
			For Class 54 Rating, Add	956.07	
			For Class 55 Rating, Add	1,427.76	
			For Class 56 Rating, Add	1,893.16	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-0198	EA	12" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,480.31	690.21
		<i>For Class 52 Rating, Deduct</i>	-707.80	
		<i>For Class 54 Rating, Add</i>	977.73	
		<i>For Class 55 Rating, Add</i>	1,460.00	
		<i>For Class 56 Rating, Add</i>	1,935.83	
40 05 19 00-0199	EA	12" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,630.22	694.18
		<i>For Class 52 Rating, Deduct</i>	-723.63	
		<i>For Class 54 Rating, Add</i>	999.39	
		<i>For Class 55 Rating, Add</i>	1,492.23	
		<i>For Class 56 Rating, Add</i>	1,978.50	
40 05 19 00-0200	EA	12" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,780.14	698.15
		<i>For Class 52 Rating, Deduct</i>	-739.46	
		<i>For Class 54 Rating, Add</i>	1,021.04	
		<i>For Class 55 Rating, Add</i>	1,524.47	
		<i>For Class 56 Rating, Add</i>	2,021.17	
40 05 19 00-0201	EA	12" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,930.06	702.12
		<i>For Class 52 Rating, Deduct</i>	-755.29	
		<i>For Class 54 Rating, Add</i>	1,042.70	
		<i>For Class 55 Rating, Add</i>	1,556.71	
		<i>For Class 56 Rating, Add</i>	2,063.84	
40 05 19 00-0202	EA	12" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,079.98	706.09
		<i>For Class 52 Rating, Deduct</i>	-771.12	
		<i>For Class 54 Rating, Add</i>	1,064.36	
		<i>For Class 55 Rating, Add</i>	1,588.94	
		<i>For Class 56 Rating, Add</i>	2,106.51	

40 05 19 00-0203 14" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe

(40 05 19 00-0002)

40 05 19 00-0204	EA	14" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,168.36	666.42
		<i>For Class 52 Rating, Deduct</i>	-237.45	
		<i>For Class 54 Rating, Add</i>	335.91	
		<i>For Class 55 Rating, Add</i>	505.61	
		<i>For Class 56 Rating, Add</i>	673.15	
40 05 19 00-0205	EA	14" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,349.82	670.38
		<i>For Class 52 Rating, Deduct</i>	-256.75	
		<i>For Class 54 Rating, Add</i>	362.30	
		<i>For Class 55 Rating, Add</i>	544.88	
		<i>For Class 56 Rating, Add</i>	725.12	
40 05 19 00-0206	EA	14" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,531.28	674.35
		<i>For Class 52 Rating, Deduct</i>	-276.05	
		<i>For Class 54 Rating, Add</i>	388.69	
		<i>For Class 55 Rating, Add</i>	584.15	
		<i>For Class 56 Rating, Add</i>	777.10	
40 05 19 00-0207	EA	14" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,712.74	678.32
		<i>For Class 52 Rating, Deduct</i>	-295.35	
		<i>For Class 54 Rating, Add</i>	415.08	
		<i>For Class 55 Rating, Add</i>	623.42	
		<i>For Class 56 Rating, Add</i>	829.07	
40 05 19 00-0208	EA	14" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,894.21	682.29
		<i>For Class 52 Rating, Deduct</i>	-314.65	
		<i>For Class 54 Rating, Add</i>	441.47	
		<i>For Class 55 Rating, Add</i>	662.69	
		<i>For Class 56 Rating, Add</i>	881.05	
40 05 19 00-0209	EA	14" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,075.67	686.25
		<i>For Class 52 Rating, Deduct</i>	-333.95	
		<i>For Class 54 Rating, Add</i>	467.86	
		<i>For Class 55 Rating, Add</i>	701.96	
		<i>For Class 56 Rating, Add</i>	933.02	
40 05 19 00-0210	EA	14" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,257.14	690.21
		<i>For Class 52 Rating, Deduct</i>	-353.25	
		<i>For Class 54 Rating, Add</i>	494.25	
		<i>For Class 55 Rating, Add</i>	741.23	
		<i>For Class 56 Rating, Add</i>	985.00	
40 05 19 00-0211	EA	14" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,438.59	694.18
		<i>For Class 52 Rating, Deduct</i>	-372.55	
		<i>For Class 54 Rating, Add</i>	520.64	
		<i>For Class 55 Rating, Add</i>	780.50	
		<i>For Class 56 Rating, Add</i>	1,036.97	
40 05 19 00-0212	EA	14" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,620.05	698.15
		<i>For Class 52 Rating, Deduct</i>	-391.85	
		<i>For Class 54 Rating, Add</i>	547.03	
		<i>For Class 55 Rating, Add</i>	819.77	
		<i>For Class 56 Rating, Add</i>	1,088.94	
40 05 19 00-0213	EA	14" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,801.51	702.12
		<i>For Class 52 Rating, Deduct</i>	-411.15	
		<i>For Class 54 Rating, Add</i>	573.42	
		<i>For Class 55 Rating, Add</i>	859.04	
		<i>For Class 56 Rating, Add</i>	1,140.92	
40 05 19 00-0214	EA	14" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,982.97	706.09
		<i>For Class 52 Rating, Deduct</i>	-430.45	
		<i>For Class 54 Rating, Add</i>	599.81	
		<i>For Class 55 Rating, Add</i>	898.31	
		<i>For Class 56 Rating, Add</i>	1,192.89	
40 05 19 00-0215	EA	14" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,164.44	710.06
		<i>For Class 52 Rating, Deduct</i>	-449.75	
		<i>For Class 54 Rating, Add</i>	626.20	
		<i>For Class 55 Rating, Add</i>	937.58	
		<i>For Class 56 Rating, Add</i>	1,244.87	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0216	EA		14" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,345.90	714.01
			For Class 52 Rating, Deduct	-469.05	
			For Class 54 Rating, Add	652.59	
			For Class 55 Rating, Add	976.85	
			For Class 56 Rating, Add	1,296.84	
40 05 19 00-0217	EA		14" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,527.36	717.98
			For Class 52 Rating, Deduct	-488.35	
			For Class 54 Rating, Add	678.98	
			For Class 55 Rating, Add	1,016.12	
			For Class 56 Rating, Add	1,348.82	
40 05 19 00-0218	EA		14" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,708.82	721.95
			For Class 52 Rating, Deduct	-507.64	
			For Class 54 Rating, Add	705.37	
			For Class 55 Rating, Add	1,055.39	
			For Class 56 Rating, Add	1,400.79	
40 05 19 00-0219	EA		14" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,890.27	725.92
			For Class 52 Rating, Deduct	-526.94	
			For Class 54 Rating, Add	731.76	
			For Class 55 Rating, Add	1,094.66	
			For Class 56 Rating, Add	1,452.76	
40 05 19 00-0220	EA		14" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,071.74	729.89
			For Class 52 Rating, Deduct	-546.24	
			For Class 54 Rating, Add	758.15	
			For Class 55 Rating, Add	1,133.93	
			For Class 56 Rating, Add	1,504.74	
40 05 19 00-0221	EA		14" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,253.20	733.85
			For Class 52 Rating, Deduct	-565.54	
			For Class 54 Rating, Add	784.54	
			For Class 55 Rating, Add	1,173.20	
			For Class 56 Rating, Add	1,556.71	
40 05 19 00-0222	EA		14" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,434.67	737.82
			For Class 52 Rating, Deduct	-584.84	
			For Class 54 Rating, Add	810.93	
			For Class 55 Rating, Add	1,212.47	
			For Class 56 Rating, Add	1,608.69	
40 05 19 00-0223	EA		14" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,616.13	741.78
			For Class 52 Rating, Deduct	-604.14	
			For Class 54 Rating, Add	837.32	
			For Class 55 Rating, Add	1,251.74	
			For Class 56 Rating, Add	1,660.66	
40 05 19 00-0224	EA		14" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,797.59	745.75
			For Class 52 Rating, Deduct	-623.44	
			For Class 54 Rating, Add	863.71	
			For Class 55 Rating, Add	1,291.01	
			For Class 56 Rating, Add	1,712.64	
40 05 19 00-0225	EA		14" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,979.05	749.72
			For Class 52 Rating, Deduct	-642.74	
			For Class 54 Rating, Add	890.10	
			For Class 55 Rating, Add	1,330.28	
			For Class 56 Rating, Add	1,764.61	
40 05 19 00-0226	EA		14" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,160.51	753.69
			For Class 52 Rating, Deduct	-662.04	
			For Class 54 Rating, Add	916.49	
			For Class 55 Rating, Add	1,369.55	
			For Class 56 Rating, Add	1,816.59	
40 05 19 00-0227	EA		14" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,341.97	757.65
			For Class 52 Rating, Deduct	-681.34	
			For Class 54 Rating, Add	942.88	
			For Class 55 Rating, Add	1,408.82	
			For Class 56 Rating, Add	1,868.56	
40 05 19 00-0228	EA		14" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,523.43	761.62
			For Class 52 Rating, Deduct	-700.64	
			For Class 54 Rating, Add	969.27	
			For Class 55 Rating, Add	1,448.08	
			For Class 56 Rating, Add	1,920.53	
40 05 19 00-0229	EA		14" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,704.90	765.59
			For Class 52 Rating, Deduct	-719.94	
			For Class 54 Rating, Add	995.66	
			For Class 55 Rating, Add	1,487.36	
			For Class 56 Rating, Add	1,972.51	
40 05 19 00-0230	EA		14" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,886.36	769.55
			For Class 52 Rating, Deduct	-739.24	
			For Class 54 Rating, Add	1,022.05	
			For Class 55 Rating, Add	1,526.63	
			For Class 56 Rating, Add	2,024.48	
40 05 19 00-0231	EA		14" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,067.82	773.52
			For Class 52 Rating, Deduct	-758.54	
			For Class 54 Rating, Add	1,048.44	
			For Class 55 Rating, Add	1,565.90	
			For Class 56 Rating, Add	2,076.46	
40 05 19 00-0232	EA		14" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,249.28	777.48
			For Class 52 Rating, Deduct	-777.84	
			For Class 54 Rating, Add	1,074.83	
			For Class 55 Rating, Add	1,605.17	
			For Class 56 Rating, Add	2,128.43	
40 05 19 00-0233	EA		14" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,430.74	781.45
			For Class 52 Rating, Deduct	-797.14	
			For Class 54 Rating, Add	1,101.22	
			For Class 55 Rating, Add	1,644.44	
			For Class 56 Rating, Add	2,180.41	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-0234	EA	14" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,612.20	785.42
		<i>For Class 52 Rating, Deduct</i>	-816.44	
		<i>For Class 54 Rating, Add</i>	1,127.61	
		<i>For Class 55 Rating, Add</i>	1,683.70	
		<i>For Class 56 Rating, Add</i>	2,232.38	
40 05 19 00-0235	EA	14" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,793.67	789.39
		<i>For Class 52 Rating, Deduct</i>	-835.74	
		<i>For Class 54 Rating, Add</i>	1,154.00	
		<i>For Class 55 Rating, Add</i>	1,722.97	
		<i>For Class 56 Rating, Add</i>	2,284.36	
40 05 19 00-0236	EA	14" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,975.12	793.36
		<i>For Class 52 Rating, Deduct</i>	-855.04	
		<i>For Class 54 Rating, Add</i>	1,180.39	
		<i>For Class 55 Rating, Add</i>	1,762.24	
		<i>For Class 56 Rating, Add</i>	2,336.33	
40 05 19 00-0237	EA	14" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,156.58	797.32
		<i>For Class 52 Rating, Deduct</i>	-874.34	
		<i>For Class 54 Rating, Add</i>	1,206.77	
		<i>For Class 55 Rating, Add</i>	1,801.51	
		<i>For Class 56 Rating, Add</i>	2,388.30	
40 05 19 00-0238	EA	14" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,338.04	801.28
		<i>For Class 52 Rating, Deduct</i>	-893.64	
		<i>For Class 54 Rating, Add</i>	1,233.16	
		<i>For Class 55 Rating, Add</i>	1,840.78	
		<i>For Class 56 Rating, Add</i>	2,440.28	
40 05 19 00-0239	EA	14" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,519.51	805.25
		<i>For Class 52 Rating, Deduct</i>	-912.94	
		<i>For Class 54 Rating, Add</i>	1,259.56	
		<i>For Class 55 Rating, Add</i>	1,880.05	
		<i>For Class 56 Rating, Add</i>	2,492.25	
40 05 19 00-0240	EA	14" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,700.97	809.22
		<i>For Class 52 Rating, Deduct</i>	-932.24	
		<i>For Class 54 Rating, Add</i>	1,285.95	
		<i>For Class 55 Rating, Add</i>	1,919.32	
		<i>For Class 56 Rating, Add</i>	2,544.23	
40 05 19 00-0241	EA	14" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,882.43	813.19
		<i>For Class 52 Rating, Deduct</i>	-951.54	
		<i>For Class 54 Rating, Add</i>	1,312.33	
		<i>For Class 55 Rating, Add</i>	1,958.59	
		<i>For Class 56 Rating, Add</i>	2,596.20	

40 05 19 00-0242 16" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe

(40 05 19 00-0002)

40 05 19 00-0243	EA	16" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,712.80	761.62
		<i>For Class 52 Rating, Deduct</i>	-281.47	
		<i>For Class 54 Rating, Add</i>	397.67	
		<i>For Class 55 Rating, Add</i>	598.31	
		<i>For Class 56 Rating, Add</i>	796.40	
40 05 19 00-0244	EA	16" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,923.83	765.59
		<i>For Class 52 Rating, Deduct</i>	-304.02	
		<i>For Class 54 Rating, Add</i>	428.50	
		<i>For Class 55 Rating, Add</i>	644.18	
		<i>For Class 56 Rating, Add</i>	857.10	
40 05 19 00-0245	EA	16" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,134.86	769.55
		<i>For Class 52 Rating, Deduct</i>	-326.58	
		<i>For Class 54 Rating, Add</i>	459.32	
		<i>For Class 55 Rating, Add</i>	690.04	
		<i>For Class 56 Rating, Add</i>	917.79	
40 05 19 00-0246	EA	16" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,345.89	773.52
		<i>For Class 52 Rating, Deduct</i>	-349.13	
		<i>For Class 54 Rating, Add</i>	490.15	
		<i>For Class 55 Rating, Add</i>	735.91	
		<i>For Class 56 Rating, Add</i>	978.49	
40 05 19 00-0247	EA	16" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,556.92	777.48
		<i>For Class 52 Rating, Deduct</i>	-371.68	
		<i>For Class 54 Rating, Add</i>	520.97	
		<i>For Class 55 Rating, Add</i>	781.77	
		<i>For Class 56 Rating, Add</i>	1,039.19	
40 05 19 00-0248	EA	16" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,767.95	781.45
		<i>For Class 52 Rating, Deduct</i>	-394.23	
		<i>For Class 54 Rating, Add</i>	551.80	
		<i>For Class 55 Rating, Add</i>	827.63	
		<i>For Class 56 Rating, Add</i>	1,099.88	
40 05 19 00-0249	EA	16" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,978.98	785.42
		<i>For Class 52 Rating, Deduct</i>	-416.78	
		<i>For Class 54 Rating, Add</i>	582.62	
		<i>For Class 55 Rating, Add</i>	873.50	
		<i>For Class 56 Rating, Add</i>	1,160.58	
40 05 19 00-0250	EA	16" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,190.03	789.39
		<i>For Class 52 Rating, Deduct</i>	-439.34	
		<i>For Class 54 Rating, Add</i>	613.45	
		<i>For Class 55 Rating, Add</i>	919.36	
		<i>For Class 56 Rating, Add</i>	1,221.28	
40 05 19 00-0251	EA	16" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,401.05	793.36
		<i>For Class 52 Rating, Deduct</i>	-461.89	
		<i>For Class 54 Rating, Add</i>	644.27	
		<i>For Class 55 Rating, Add</i>	965.23	
		<i>For Class 56 Rating, Add</i>	1,281.98	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0252	EA		16" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,612.08	797.32
			<i>For Class 52 Rating, Deduct</i>	-484.44	
			<i>For Class 54 Rating, Add</i>	675.10	
			<i>For Class 55 Rating, Add</i>	1,011.09	
			<i>For Class 56 Rating, Add</i>	1,342.68	
40 05 19 00-0253	EA		16" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,823.11	801.28
			<i>For Class 52 Rating, Deduct</i>	-506.99	
			<i>For Class 54 Rating, Add</i>	705.92	
			<i>For Class 55 Rating, Add</i>	1,056.95	
			<i>For Class 56 Rating, Add</i>	1,403.37	
40 05 19 00-0254	EA		16" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,034.14	805.25
			<i>For Class 52 Rating, Deduct</i>	-529.55	
			<i>For Class 54 Rating, Add</i>	736.75	
			<i>For Class 55 Rating, Add</i>	1,102.82	
			<i>For Class 56 Rating, Add</i>	1,464.07	
40 05 19 00-0255	EA		16" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,245.17	809.22
			<i>For Class 52 Rating, Deduct</i>	-552.10	
			<i>For Class 54 Rating, Add</i>	767.58	
			<i>For Class 55 Rating, Add</i>	1,148.68	
			<i>For Class 56 Rating, Add</i>	1,524.77	
40 05 19 00-0256	EA		16" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,456.20	813.19
			<i>For Class 52 Rating, Deduct</i>	-574.65	
			<i>For Class 54 Rating, Add</i>	798.40	
			<i>For Class 55 Rating, Add</i>	1,194.54	
			<i>For Class 56 Rating, Add</i>	1,585.47	
40 05 19 00-0257	EA		16" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,667.25	817.16
			<i>For Class 52 Rating, Deduct</i>	-597.20	
			<i>For Class 54 Rating, Add</i>	829.23	
			<i>For Class 55 Rating, Add</i>	1,240.41	
			<i>For Class 56 Rating, Add</i>	1,646.17	
40 05 19 00-0258	EA		16" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,878.28	821.12
			<i>For Class 52 Rating, Deduct</i>	-619.76	
			<i>For Class 54 Rating, Add</i>	860.05	
			<i>For Class 55 Rating, Add</i>	1,286.27	
			<i>For Class 56 Rating, Add</i>	1,706.86	
40 05 19 00-0259	EA		16" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,089.30	825.08
			<i>For Class 52 Rating, Deduct</i>	-642.31	
			<i>For Class 54 Rating, Add</i>	890.88	
			<i>For Class 55 Rating, Add</i>	1,332.14	
			<i>For Class 56 Rating, Add</i>	1,767.56	
40 05 19 00-0260	EA		16" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,300.33	829.05
			<i>For Class 52 Rating, Deduct</i>	-664.86	
			<i>For Class 54 Rating, Add</i>	921.70	
			<i>For Class 55 Rating, Add</i>	1,378.00	
			<i>For Class 56 Rating, Add</i>	1,828.26	
40 05 19 00-0261	EA		16" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,511.36	833.02
			<i>For Class 52 Rating, Deduct</i>	-687.41	
			<i>For Class 54 Rating, Add</i>	952.53	
			<i>For Class 55 Rating, Add</i>	1,423.87	
			<i>For Class 56 Rating, Add</i>	1,888.95	
40 05 19 00-0262	EA		16" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,722.39	836.99
			<i>For Class 52 Rating, Deduct</i>	-709.97	
			<i>For Class 54 Rating, Add</i>	983.35	
			<i>For Class 55 Rating, Add</i>	1,469.73	
			<i>For Class 56 Rating, Add</i>	1,949.65	
40 05 19 00-0263	EA		16" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,933.43	840.96
			<i>For Class 52 Rating, Deduct</i>	-732.52	
			<i>For Class 54 Rating, Add</i>	1,014.18	
			<i>For Class 55 Rating, Add</i>	1,515.59	
			<i>For Class 56 Rating, Add</i>	2,010.35	
40 05 19 00-0264	EA		16" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,144.47	844.92
			<i>For Class 52 Rating, Deduct</i>	-755.07	
			<i>For Class 54 Rating, Add</i>	1,045.00	
			<i>For Class 55 Rating, Add</i>	1,561.46	
			<i>For Class 56 Rating, Add</i>	2,071.05	
40 05 19 00-0265	EA		16" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,355.50	848.89
			<i>For Class 52 Rating, Deduct</i>	-777.62	
			<i>For Class 54 Rating, Add</i>	1,075.83	
			<i>For Class 55 Rating, Add</i>	1,607.32	
			<i>For Class 56 Rating, Add</i>	2,131.75	
40 05 19 00-0266	EA		16" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,566.53	852.85
			<i>For Class 52 Rating, Deduct</i>	-800.18	
			<i>For Class 54 Rating, Add</i>	1,106.65	
			<i>For Class 55 Rating, Add</i>	1,653.19	
			<i>For Class 56 Rating, Add</i>	2,192.44	
40 05 19 00-0267	EA		16" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,777.55	856.82
			<i>For Class 52 Rating, Deduct</i>	-822.73	
			<i>For Class 54 Rating, Add</i>	1,137.48	
			<i>For Class 55 Rating, Add</i>	1,699.05	
			<i>For Class 56 Rating, Add</i>	2,253.14	
40 05 19 00-0268	EA		16" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,988.58	860.79
			<i>For Class 52 Rating, Deduct</i>	-845.28	
			<i>For Class 54 Rating, Add</i>	1,168.30	
			<i>For Class 55 Rating, Add</i>	1,744.91	
			<i>For Class 56 Rating, Add</i>	2,313.84	
40 05 19 00-0269	EA		16" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,199.61	864.75
			<i>For Class 52 Rating, Deduct</i>	-867.83	
			<i>For Class 54 Rating, Add</i>	1,199.13	
			<i>For Class 55 Rating, Add</i>	1,790.78	
			<i>For Class 56 Rating, Add</i>	2,374.54	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-0270	EA	16" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,410.65	868.72
		<i>For Class 52 Rating, Deduct</i>	-890.38	
		<i>For Class 54 Rating, Add</i>	1,229.96	
		<i>For Class 55 Rating, Add</i>	1,836.64	
		<i>For Class 56 Rating, Add</i>	2,435.23	
40 05 19 00-0271	EA	16" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,621.69	872.69
		<i>For Class 52 Rating, Deduct</i>	-912.94	
		<i>For Class 54 Rating, Add</i>	1,260.78	
		<i>For Class 55 Rating, Add</i>	1,882.51	
		<i>For Class 56 Rating, Add</i>	2,495.93	
40 05 19 00-0272	EA	16" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,832.72	876.66
		<i>For Class 52 Rating, Deduct</i>	-935.49	
		<i>For Class 54 Rating, Add</i>	1,291.61	
		<i>For Class 55 Rating, Add</i>	1,928.37	
		<i>For Class 56 Rating, Add</i>	2,556.63	
40 05 19 00-0273	EA	16" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,043.75	880.62
		<i>For Class 52 Rating, Deduct</i>	-958.04	
		<i>For Class 54 Rating, Add</i>	1,322.43	
		<i>For Class 55 Rating, Add</i>	1,974.23	
		<i>For Class 56 Rating, Add</i>	2,617.33	
40 05 19 00-0274	EA	16" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,254.78	884.59
		<i>For Class 52 Rating, Deduct</i>	-980.59	
		<i>For Class 54 Rating, Add</i>	1,353.26	
		<i>For Class 55 Rating, Add</i>	2,020.10	
		<i>For Class 56 Rating, Add</i>	2,678.02	
40 05 19 00-0275	EA	16" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,465.80	888.55
		<i>For Class 52 Rating, Deduct</i>	-1,003.15	
		<i>For Class 54 Rating, Add</i>	1,384.08	
		<i>For Class 55 Rating, Add</i>	2,065.96	
		<i>For Class 56 Rating, Add</i>	2,738.72	
40 05 19 00-0276	EA	16" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,676.83	892.52
		<i>For Class 52 Rating, Deduct</i>	-1,025.70	
		<i>For Class 54 Rating, Add</i>	1,414.91	
		<i>For Class 55 Rating, Add</i>	2,111.83	
		<i>For Class 56 Rating, Add</i>	2,799.42	
40 05 19 00-0277	EA	16" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,887.87	896.49
		<i>For Class 52 Rating, Deduct</i>	-1,048.25	
		<i>For Class 54 Rating, Add</i>	1,445.73	
		<i>For Class 55 Rating, Add</i>	2,157.69	
		<i>For Class 56 Rating, Add</i>	2,860.12	
40 05 19 00-0278	EA	16" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,098.91	900.46
		<i>For Class 52 Rating, Deduct</i>	-1,070.80	
		<i>For Class 54 Rating, Add</i>	1,476.56	
		<i>For Class 55 Rating, Add</i>	2,203.56	
		<i>For Class 56 Rating, Add</i>	2,920.82	
40 05 19 00-0279	EA	16" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,309.94	904.43
		<i>For Class 52 Rating, Deduct</i>	-1,093.36	
		<i>For Class 54 Rating, Add</i>	1,507.38	
		<i>For Class 55 Rating, Add</i>	2,249.42	
		<i>For Class 56 Rating, Add</i>	2,981.51	
40 05 19 00-0280	EA	16" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,520.97	908.40
		<i>For Class 52 Rating, Deduct</i>	-1,115.91	
		<i>For Class 54 Rating, Add</i>	1,538.21	
		<i>For Class 55 Rating, Add</i>	2,295.28	
		<i>For Class 56 Rating, Add</i>	3,042.21	

40 05 19 00-0281 18" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe

(40 05 19 00-0002)

40 05 19 00-0282	EA	18" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,316.80	858.41
		<i>For Class 52 Rating, Deduct</i>	-331.78	
		<i>For Class 54 Rating, Add</i>	468.03	
		<i>For Class 55 Rating, Add</i>	703.82	
		<i>For Class 56 Rating, Add</i>	936.60	
40 05 19 00-0283	EA	18" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,559.37	862.38
		<i>For Class 52 Rating, Deduct</i>	-357.80	
		<i>For Class 54 Rating, Add</i>	503.59	
		<i>For Class 55 Rating, Add</i>	756.72	
		<i>For Class 56 Rating, Add</i>	1,006.60	
40 05 19 00-0284	EA	18" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,801.95	866.35
		<i>For Class 52 Rating, Deduct</i>	-383.82	
		<i>For Class 54 Rating, Add</i>	539.15	
		<i>For Class 55 Rating, Add</i>	809.62	
		<i>For Class 56 Rating, Add</i>	1,076.60	
40 05 19 00-0285	EA	18" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,044.52	870.30
		<i>For Class 52 Rating, Deduct</i>	-409.85	
		<i>For Class 54 Rating, Add</i>	574.70	
		<i>For Class 55 Rating, Add</i>	862.52	
		<i>For Class 56 Rating, Add</i>	1,146.60	
40 05 19 00-0286	EA	18" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,287.09	874.27
		<i>For Class 52 Rating, Deduct</i>	-435.87	
		<i>For Class 54 Rating, Add</i>	610.26	
		<i>For Class 55 Rating, Add</i>	915.41	
		<i>For Class 56 Rating, Add</i>	1,216.60	
40 05 19 00-0287	EA	18" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,529.67	878.24
		<i>For Class 52 Rating, Deduct</i>	-461.89	
		<i>For Class 54 Rating, Add</i>	645.82	
		<i>For Class 55 Rating, Add</i>	968.31	
		<i>For Class 56 Rating, Add</i>	1,286.61	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0288 EA 18" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,772.24	882.21
<i>For Class 52 Rating, Deduct</i>	-487.91	
<i>For Class 54 Rating, Add</i>	681.37	
<i>For Class 55 Rating, Add</i>	1,021.21	
<i>For Class 56 Rating, Add</i>	1,356.61	
40 05 19 00-0289 EA 18" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,014.82	886.18
<i>For Class 52 Rating, Deduct</i>	-513.93	
<i>For Class 54 Rating, Add</i>	716.93	
<i>For Class 55 Rating, Add</i>	1,074.11	
<i>For Class 56 Rating, Add</i>	1,426.61	
40 05 19 00-0290 EA 18" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,257.39	890.15
<i>For Class 52 Rating, Deduct</i>	-539.96	
<i>For Class 54 Rating, Add</i>	752.49	
<i>For Class 55 Rating, Add</i>	1,127.01	
<i>For Class 56 Rating, Add</i>	1,496.62	
40 05 19 00-0291 EA 18" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,499.96	894.11
<i>For Class 52 Rating, Deduct</i>	-565.98	
<i>For Class 54 Rating, Add</i>	788.04	
<i>For Class 55 Rating, Add</i>	1,179.90	
<i>For Class 56 Rating, Add</i>	1,566.62	
40 05 19 00-0292 EA 18" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,742.53	898.07
<i>For Class 52 Rating, Deduct</i>	-592.00	
<i>For Class 54 Rating, Add</i>	823.60	
<i>For Class 55 Rating, Add</i>	1,232.80	
<i>For Class 56 Rating, Add</i>	1,636.62	
40 05 19 00-0293 EA 18" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,985.11	902.04
<i>For Class 52 Rating, Deduct</i>	-618.02	
<i>For Class 54 Rating, Add</i>	859.16	
<i>For Class 55 Rating, Add</i>	1,285.70	
<i>For Class 56 Rating, Add</i>	1,706.62	
40 05 19 00-0294 EA 18" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,227.68	906.01
<i>For Class 52 Rating, Deduct</i>	-644.04	
<i>For Class 54 Rating, Add</i>	894.71	
<i>For Class 55 Rating, Add</i>	1,338.60	
<i>For Class 56 Rating, Add</i>	1,776.63	
40 05 19 00-0295 EA 18" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,470.25	909.98
<i>For Class 52 Rating, Deduct</i>	-670.07	
<i>For Class 54 Rating, Add</i>	930.27	
<i>For Class 55 Rating, Add</i>	1,391.49	
<i>For Class 56 Rating, Add</i>	1,846.63	
40 05 19 00-0296 EA 18" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,712.84	913.94
<i>For Class 52 Rating, Deduct</i>	-696.09	
<i>For Class 54 Rating, Add</i>	965.83	
<i>For Class 55 Rating, Add</i>	1,444.39	
<i>For Class 56 Rating, Add</i>	1,916.63	
40 05 19 00-0297 EA 18" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,955.41	917.91
<i>For Class 52 Rating, Deduct</i>	-722.11	
<i>For Class 54 Rating, Add</i>	1,001.38	
<i>For Class 55 Rating, Add</i>	1,497.29	
<i>For Class 56 Rating, Add</i>	1,986.63	
40 05 19 00-0298 EA 18" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,197.97	921.88
<i>For Class 52 Rating, Deduct</i>	-748.13	
<i>For Class 54 Rating, Add</i>	1,036.94	
<i>For Class 55 Rating, Add</i>	1,550.19	
<i>For Class 56 Rating, Add</i>	2,056.64	
40 05 19 00-0299 EA 18" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,440.55	925.84
<i>For Class 52 Rating, Deduct</i>	-774.15	
<i>For Class 54 Rating, Add</i>	1,072.50	
<i>For Class 55 Rating, Add</i>	1,603.09	
<i>For Class 56 Rating, Add</i>	2,126.64	
40 05 19 00-0300 EA 18" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,683.12	929.81
<i>For Class 52 Rating, Deduct</i>	-800.18	
<i>For Class 54 Rating, Add</i>	1,108.05	
<i>For Class 55 Rating, Add</i>	1,655.98	
<i>For Class 56 Rating, Add</i>	2,196.64	
40 05 19 00-0301 EA 18" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,925.69	933.78
<i>For Class 52 Rating, Deduct</i>	-826.20	
<i>For Class 54 Rating, Add</i>	1,143.61	
<i>For Class 55 Rating, Add</i>	1,708.88	
<i>For Class 56 Rating, Add</i>	2,266.64	
40 05 19 00-0302 EA 18" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,168.27	937.74
<i>For Class 52 Rating, Deduct</i>	-852.22	
<i>For Class 54 Rating, Add</i>	1,179.17	
<i>For Class 55 Rating, Add</i>	1,761.78	
<i>For Class 56 Rating, Add</i>	2,336.64	
40 05 19 00-0303 EA 18" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,410.85	941.71
<i>For Class 52 Rating, Deduct</i>	-878.24	
<i>For Class 54 Rating, Add</i>	1,214.72	
<i>For Class 55 Rating, Add</i>	1,814.68	
<i>For Class 56 Rating, Add</i>	2,406.65	
40 05 19 00-0304 EA 18" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,653.42	945.68
<i>For Class 52 Rating, Deduct</i>	-904.26	
<i>For Class 54 Rating, Add</i>	1,250.28	
<i>For Class 55 Rating, Add</i>	1,867.58	
<i>For Class 56 Rating, Add</i>	2,476.65	
40 05 19 00-0305 EA 18" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,895.99	949.65
<i>For Class 52 Rating, Deduct</i>	-930.28	
<i>For Class 54 Rating, Add</i>	1,285.84	
<i>For Class 55 Rating, Add</i>	1,920.47	
<i>For Class 56 Rating, Add</i>	2,546.65	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-0306	EA	18" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,138.56	953.61
		<i>For Class 52 Rating, Deduct</i>	-956.31	
		<i>For Class 54 Rating, Add</i>	1,321.39	
		<i>For Class 55 Rating, Add</i>	1,973.37	
		<i>For Class 56 Rating, Add</i>	2,616.66	
40 05 19 00-0307	EA	18" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,381.13	957.57
		<i>For Class 52 Rating, Deduct</i>	-982.33	
		<i>For Class 54 Rating, Add</i>	1,356.95	
		<i>For Class 55 Rating, Add</i>	2,026.27	
		<i>For Class 56 Rating, Add</i>	2,686.66	
40 05 19 00-0308	EA	18" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,623.70	961.54
		<i>For Class 52 Rating, Deduct</i>	-1,008.35	
		<i>For Class 54 Rating, Add</i>	1,392.51	
		<i>For Class 55 Rating, Add</i>	2,079.17	
		<i>For Class 56 Rating, Add</i>	2,756.66	
40 05 19 00-0309	EA	18" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,866.29	965.51
		<i>For Class 52 Rating, Deduct</i>	-1,034.37	
		<i>For Class 54 Rating, Add</i>	1,428.06	
		<i>For Class 55 Rating, Add</i>	2,132.07	
		<i>For Class 56 Rating, Add</i>	2,826.66	
40 05 19 00-0310	EA	18" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,108.86	969.48
		<i>For Class 52 Rating, Deduct</i>	-1,060.39	
		<i>For Class 54 Rating, Add</i>	1,463.62	
		<i>For Class 55 Rating, Add</i>	2,184.96	
		<i>For Class 56 Rating, Add</i>	2,896.67	
40 05 19 00-0311	EA	18" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,351.43	973.45
		<i>For Class 52 Rating, Deduct</i>	-1,086.42	
		<i>For Class 54 Rating, Add</i>	1,499.18	
		<i>For Class 55 Rating, Add</i>	2,237.86	
		<i>For Class 56 Rating, Add</i>	2,966.67	
40 05 19 00-0312	EA	18" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,594.01	977.42
		<i>For Class 52 Rating, Deduct</i>	-1,112.44	
		<i>For Class 54 Rating, Add</i>	1,534.73	
		<i>For Class 55 Rating, Add</i>	2,290.76	
		<i>For Class 56 Rating, Add</i>	3,036.67	
40 05 19 00-0313	EA	18" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,836.58	981.37
		<i>For Class 52 Rating, Deduct</i>	-1,138.46	
		<i>For Class 54 Rating, Add</i>	1,570.29	
		<i>For Class 55 Rating, Add</i>	2,343.66	
		<i>For Class 56 Rating, Add</i>	3,106.67	
40 05 19 00-0314	EA	18" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,079.14	985.34
		<i>For Class 52 Rating, Deduct</i>	-1,164.48	
		<i>For Class 54 Rating, Add</i>	1,605.85	
		<i>For Class 55 Rating, Add</i>	2,396.55	
		<i>For Class 56 Rating, Add</i>	3,176.67	
40 05 19 00-0315	EA	18" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,321.72	989.31
		<i>For Class 52 Rating, Deduct</i>	-1,190.50	
		<i>For Class 54 Rating, Add</i>	1,641.40	
		<i>For Class 55 Rating, Add</i>	2,449.45	
		<i>For Class 56 Rating, Add</i>	3,246.68	
40 05 19 00-0316	EA	18" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,564.30	993.28
		<i>For Class 52 Rating, Deduct</i>	-1,216.53	
		<i>For Class 54 Rating, Add</i>	1,676.96	
		<i>For Class 55 Rating, Add</i>	2,502.35	
		<i>For Class 56 Rating, Add</i>	3,316.68	
40 05 19 00-0317	EA	18" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,806.87	997.25
		<i>For Class 52 Rating, Deduct</i>	-1,242.55	
		<i>For Class 54 Rating, Add</i>	1,712.52	
		<i>For Class 55 Rating, Add</i>	2,555.25	
		<i>For Class 56 Rating, Add</i>	3,386.68	
40 05 19 00-0318	EA	18" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,049.45	1,001.21
		<i>For Class 52 Rating, Deduct</i>	-1,268.57	
		<i>For Class 54 Rating, Add</i>	1,748.07	
		<i>For Class 55 Rating, Add</i>	2,608.15	
		<i>For Class 56 Rating, Add</i>	3,456.69	
40 05 19 00-0319	EA	18" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,292.02	1,005.18
		<i>For Class 52 Rating, Deduct</i>	-1,294.59	
		<i>For Class 54 Rating, Add</i>	1,783.63	
		<i>For Class 55 Rating, Add</i>	2,661.04	
		<i>For Class 56 Rating, Add</i>	3,526.69	

40 05 19 00-0320 20" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe

(40 05 19 00-0002)

40 05 19 00-0321	EA	20" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,050.73	979.79
		<i>For Class 52 Rating, Deduct</i>	-392.28	
		<i>For Class 54 Rating, Add</i>	552.74	
		<i>For Class 55 Rating, Add</i>	830.89	
		<i>For Class 56 Rating, Add</i>	1,105.47	
40 05 19 00-0322	EA	20" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,328.78	983.76
		<i>For Class 52 Rating, Deduct</i>	-422.21	
		<i>For Class 54 Rating, Add</i>	593.62	
		<i>For Class 55 Rating, Add</i>	891.70	
		<i>For Class 56 Rating, Add</i>	1,185.94	
40 05 19 00-0323	EA	20" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,606.84	987.73
		<i>For Class 52 Rating, Deduct</i>	-452.13	
		<i>For Class 54 Rating, Add</i>	634.50	
		<i>For Class 55 Rating, Add</i>	952.51	
		<i>For Class 56 Rating, Add</i>	1,266.41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0324	EA		20" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,884.89	991.70
			For Class 52 Rating, Deduct	-482.06	
			For Class 54 Rating, Add	675.38	
			For Class 55 Rating, Add	1,013.32	
			For Class 56 Rating, Add	1,346.88	
40 05 19 00-0325	EA		20" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,162.95	995.66
			For Class 52 Rating, Deduct	-511.98	
			For Class 54 Rating, Add	716.26	
			For Class 55 Rating, Add	1,074.13	
			For Class 56 Rating, Add	1,427.35	
40 05 19 00-0326	EA		20" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,441.01	999.62
			For Class 52 Rating, Deduct	-541.91	
			For Class 54 Rating, Add	757.14	
			For Class 55 Rating, Add	1,134.94	
			For Class 56 Rating, Add	1,507.82	
40 05 19 00-0327	EA		20" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,719.08	1,003.59
			For Class 52 Rating, Deduct	-571.83	
			For Class 54 Rating, Add	798.02	
			For Class 55 Rating, Add	1,195.76	
			For Class 56 Rating, Add	1,588.29	
40 05 19 00-0328	EA		20" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,997.13	1,007.56
			For Class 52 Rating, Deduct	-601.76	
			For Class 54 Rating, Add	838.90	
			For Class 55 Rating, Add	1,256.56	
			For Class 56 Rating, Add	1,668.76	
40 05 19 00-0329	EA		20" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,275.19	1,011.53
			For Class 52 Rating, Deduct	-631.68	
			For Class 54 Rating, Add	879.78	
			For Class 55 Rating, Add	1,317.38	
			For Class 56 Rating, Add	1,749.23	
40 05 19 00-0330	EA		20" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,553.24	1,015.50
			For Class 52 Rating, Deduct	-661.61	
			For Class 54 Rating, Add	920.66	
			For Class 55 Rating, Add	1,378.19	
			For Class 56 Rating, Add	1,829.70	
40 05 19 00-0331	EA		20" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,831.30	1,019.46
			For Class 52 Rating, Deduct	-691.53	
			For Class 54 Rating, Add	961.54	
			For Class 55 Rating, Add	1,439.00	
			For Class 56 Rating, Add	1,910.17	
40 05 19 00-0332	EA		20" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,109.35	1,023.42
			For Class 52 Rating, Deduct	-721.46	
			For Class 54 Rating, Add	1,002.41	
			For Class 55 Rating, Add	1,499.81	
			For Class 56 Rating, Add	1,990.64	
40 05 19 00-0333	EA		20" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,387.41	1,027.39
			For Class 52 Rating, Deduct	-751.38	
			For Class 54 Rating, Add	1,043.29	
			For Class 55 Rating, Add	1,560.62	
			For Class 56 Rating, Add	2,071.11	
40 05 19 00-0334	EA		20" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,665.48	1,031.36
			For Class 52 Rating, Deduct	-781.31	
			For Class 54 Rating, Add	1,084.17	
			For Class 55 Rating, Add	1,621.43	
			For Class 56 Rating, Add	2,151.59	
40 05 19 00-0335	EA		20" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,943.54	1,035.33
			For Class 52 Rating, Deduct	-811.23	
			For Class 54 Rating, Add	1,125.05	
			For Class 55 Rating, Add	1,682.24	
			For Class 56 Rating, Add	2,232.06	
40 05 19 00-0336	EA		20" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,221.60	1,039.30
			For Class 52 Rating, Deduct	-841.16	
			For Class 54 Rating, Add	1,165.93	
			For Class 55 Rating, Add	1,743.05	
			For Class 56 Rating, Add	2,312.53	
40 05 19 00-0337	EA		20" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,499.65	1,043.26
			For Class 52 Rating, Deduct	-871.08	
			For Class 54 Rating, Add	1,206.81	
			For Class 55 Rating, Add	1,803.86	
			For Class 56 Rating, Add	2,393.00	
40 05 19 00-0338	EA		20" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,777.71	1,047.23
			For Class 52 Rating, Deduct	-901.01	
			For Class 54 Rating, Add	1,247.69	
			For Class 55 Rating, Add	1,864.67	
			For Class 56 Rating, Add	2,473.47	
40 05 19 00-0339	EA		20" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,055.76	1,051.19
			For Class 52 Rating, Deduct	-930.94	
			For Class 54 Rating, Add	1,288.57	
			For Class 55 Rating, Add	1,925.49	
			For Class 56 Rating, Add	2,553.94	
40 05 19 00-0340	EA		20" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,333.83	1,055.16
			For Class 52 Rating, Deduct	-960.86	
			For Class 54 Rating, Add	1,329.45	
			For Class 55 Rating, Add	1,986.30	
			For Class 56 Rating, Add	2,634.41	
40 05 19 00-0341	EA		20" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,611.88	1,059.13
			For Class 52 Rating, Deduct	-990.79	
			For Class 54 Rating, Add	1,370.33	
			For Class 55 Rating, Add	2,047.11	
			For Class 56 Rating, Add	2,714.88	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-0342	EA	20" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,889.94	1,063.09
		<i>For Class 52 Rating, Deduct</i>	-1,020.71	
		<i>For Class 54 Rating, Add</i>	1,411.21	
		<i>For Class 55 Rating, Add</i>	2,107.92	
		<i>For Class 56 Rating, Add</i>	2,795.35	
40 05 19 00-0343	EA	20" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,168.00	1,067.06
		<i>For Class 52 Rating, Deduct</i>	-1,050.64	
		<i>For Class 54 Rating, Add</i>	1,452.09	
		<i>For Class 55 Rating, Add</i>	2,168.73	
		<i>For Class 56 Rating, Add</i>	2,875.82	
40 05 19 00-0344	EA	20" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,446.06	1,071.03
		<i>For Class 52 Rating, Deduct</i>	-1,080.56	
		<i>For Class 54 Rating, Add</i>	1,492.97	
		<i>For Class 55 Rating, Add</i>	2,229.54	
		<i>For Class 56 Rating, Add</i>	2,956.29	
40 05 19 00-0345	EA	20" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,724.11	1,075.00
		<i>For Class 52 Rating, Deduct</i>	-1,110.49	
		<i>For Class 54 Rating, Add</i>	1,533.84	
		<i>For Class 55 Rating, Add</i>	2,290.35	
		<i>For Class 56 Rating, Add</i>	3,036.76	
40 05 19 00-0346	EA	20" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,002.17	1,078.96
		<i>For Class 52 Rating, Deduct</i>	-1,140.41	
		<i>For Class 54 Rating, Add</i>	1,574.72	
		<i>For Class 55 Rating, Add</i>	2,351.16	
		<i>For Class 56 Rating, Add</i>	3,117.23	
40 05 19 00-0347	EA	20" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,280.23	1,082.93
		<i>For Class 52 Rating, Deduct</i>	-1,170.34	
		<i>For Class 54 Rating, Add</i>	1,615.60	
		<i>For Class 55 Rating, Add</i>	2,411.97	
		<i>For Class 56 Rating, Add</i>	3,197.70	
40 05 19 00-0348	EA	20" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,558.29	1,086.89
		<i>For Class 52 Rating, Deduct</i>	-1,200.26	
		<i>For Class 54 Rating, Add</i>	1,656.48	
		<i>For Class 55 Rating, Add</i>	2,472.78	
		<i>For Class 56 Rating, Add</i>	3,278.17	
40 05 19 00-0349	EA	20" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,836.35	1,090.86
		<i>For Class 52 Rating, Deduct</i>	-1,230.19	
		<i>For Class 54 Rating, Add</i>	1,697.36	
		<i>For Class 55 Rating, Add</i>	2,533.59	
		<i>For Class 56 Rating, Add</i>	3,358.64	
40 05 19 00-0350	EA	20" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,114.40	1,094.83
		<i>For Class 52 Rating, Deduct</i>	-1,260.11	
		<i>For Class 54 Rating, Add</i>	1,738.24	
		<i>For Class 55 Rating, Add</i>	2,594.40	
		<i>For Class 56 Rating, Add</i>	3,439.11	
40 05 19 00-0351	EA	20" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,392.46	1,098.80
		<i>For Class 52 Rating, Deduct</i>	-1,290.04	
		<i>For Class 54 Rating, Add</i>	1,779.12	
		<i>For Class 55 Rating, Add</i>	2,655.22	
		<i>For Class 56 Rating, Add</i>	3,519.58	
40 05 19 00-0352	EA	20" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,670.52	1,102.77
		<i>For Class 52 Rating, Deduct</i>	-1,319.96	
		<i>For Class 54 Rating, Add</i>	1,820.00	
		<i>For Class 55 Rating, Add</i>	2,716.03	
		<i>For Class 56 Rating, Add</i>	3,600.05	
40 05 19 00-0353	EA	20" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,948.58	1,106.72
		<i>For Class 52 Rating, Deduct</i>	-1,349.89	
		<i>For Class 54 Rating, Add</i>	1,860.88	
		<i>For Class 55 Rating, Add</i>	2,776.84	
		<i>For Class 56 Rating, Add</i>	3,680.52	
40 05 19 00-0354	EA	20" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,226.64	1,110.69
		<i>For Class 52 Rating, Deduct</i>	-1,379.81	
		<i>For Class 54 Rating, Add</i>	1,901.76	
		<i>For Class 55 Rating, Add</i>	2,837.65	
		<i>For Class 56 Rating, Add</i>	3,760.99	
40 05 19 00-0355	EA	20" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,504.69	1,114.66
		<i>For Class 52 Rating, Deduct</i>	-1,409.74	
		<i>For Class 54 Rating, Add</i>	1,942.64	
		<i>For Class 55 Rating, Add</i>	2,898.46	
		<i>For Class 56 Rating, Add</i>	3,841.46	
40 05 19 00-0356	EA	20" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,782.75	1,118.63
		<i>For Class 52 Rating, Deduct</i>	-1,439.66	
		<i>For Class 54 Rating, Add</i>	1,983.52	
		<i>For Class 55 Rating, Add</i>	2,959.27	
		<i>For Class 56 Rating, Add</i>	3,921.93	
40 05 19 00-0357	EA	20" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,060.81	1,122.60
		<i>For Class 52 Rating, Deduct</i>	-1,469.59	
		<i>For Class 54 Rating, Add</i>	2,024.40	
		<i>For Class 55 Rating, Add</i>	3,020.08	
		<i>For Class 56 Rating, Add</i>	4,002.41	
40 05 19 00-0358	EA	20" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,338.86	1,126.57
		<i>For Class 52 Rating, Deduct</i>	-1,499.51	
		<i>For Class 54 Rating, Add</i>	2,065.28	
		<i>For Class 55 Rating, Add</i>	3,080.89	
		<i>For Class 56 Rating, Add</i>	4,082.87	

 40 05 19 00-0359 24" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat,
 Ductile Iron Pipe (40 05 19 00-0002)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0360 EA 24" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,206.32	1,158.30
For Class 52 Rating, Deduct	-489.65	
For Class 54 Rating, Add	688.76	
For Class 55 Rating, Add	1,034.77	
For Class 56 Rating, Add	1,376.32	
40 05 19 00-0361 EA 24" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,549.44	1,162.26
For Class 52 Rating, Deduct	-526.73	
For Class 54 Rating, Add	739.40	
For Class 55 Rating, Add	1,110.08	
For Class 56 Rating, Add	1,475.98	
40 05 19 00-0362 EA 24" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,892.56	1,166.23
For Class 52 Rating, Deduct	-563.81	
For Class 54 Rating, Add	790.04	
For Class 55 Rating, Add	1,185.40	
For Class 56 Rating, Add	1,575.65	
40 05 19 00-0363 EA 24" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,235.67	1,170.20
For Class 52 Rating, Deduct	-600.89	
For Class 54 Rating, Add	840.67	
For Class 55 Rating, Add	1,260.72	
For Class 56 Rating, Add	1,675.31	
40 05 19 00-0364 EA 24" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,578.78	1,174.16
For Class 52 Rating, Deduct	-637.97	
For Class 54 Rating, Add	891.31	
For Class 55 Rating, Add	1,336.04	
For Class 56 Rating, Add	1,774.97	
40 05 19 00-0365 EA 24" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,921.88	1,178.13
For Class 52 Rating, Deduct	-675.05	
For Class 54 Rating, Add	941.95	
For Class 55 Rating, Add	1,411.36	
For Class 56 Rating, Add	1,874.63	
40 05 19 00-0366 EA 24" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,265.00	1,182.10
For Class 52 Rating, Deduct	-712.13	
For Class 54 Rating, Add	992.59	
For Class 55 Rating, Add	1,486.68	
For Class 56 Rating, Add	1,974.29	
40 05 19 00-0367 EA 24" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,608.11	1,186.07
For Class 52 Rating, Deduct	-749.22	
For Class 54 Rating, Add	1,043.22	
For Class 55 Rating, Add	1,561.99	
For Class 56 Rating, Add	2,073.95	
40 05 19 00-0368 EA 24" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,951.23	1,190.03
For Class 52 Rating, Deduct	-786.30	
For Class 54 Rating, Add	1,093.86	
For Class 55 Rating, Add	1,637.31	
For Class 56 Rating, Add	2,173.62	
40 05 19 00-0369 EA 24" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,294.34	1,193.99
For Class 52 Rating, Deduct	-823.38	
For Class 54 Rating, Add	1,144.50	
For Class 55 Rating, Add	1,712.63	
For Class 56 Rating, Add	2,273.28	
40 05 19 00-0370 EA 24" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,637.46	1,197.96
For Class 52 Rating, Deduct	-860.46	
For Class 54 Rating, Add	1,195.14	
For Class 55 Rating, Add	1,787.95	
For Class 56 Rating, Add	2,372.94	
40 05 19 00-0371 EA 24" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,980.57	1,201.93
For Class 52 Rating, Deduct	-897.54	
For Class 54 Rating, Add	1,245.77	
For Class 55 Rating, Add	1,863.27	
For Class 56 Rating, Add	2,472.60	
40 05 19 00-0372 EA 24" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,323.68	1,205.90
For Class 52 Rating, Deduct	-934.62	
For Class 54 Rating, Add	1,296.41	
For Class 55 Rating, Add	1,938.58	
For Class 56 Rating, Add	2,572.26	
40 05 19 00-0373 EA 24" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,666.78	1,209.87
For Class 52 Rating, Deduct	-971.70	
For Class 54 Rating, Add	1,347.05	
For Class 55 Rating, Add	2,013.90	
For Class 56 Rating, Add	2,671.92	
40 05 19 00-0374 EA 24" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,009.90	1,213.84
For Class 52 Rating, Deduct	-1,008.78	
For Class 54 Rating, Add	1,397.69	
For Class 55 Rating, Add	2,089.22	
For Class 56 Rating, Add	2,771.59	
40 05 19 00-0375 EA 24" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,353.02	1,217.79
For Class 52 Rating, Deduct	-1,045.87	
For Class 54 Rating, Add	1,448.32	
For Class 55 Rating, Add	2,164.54	
For Class 56 Rating, Add	2,871.25	
40 05 19 00-0376 EA 24" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,696.13	1,221.76
For Class 52 Rating, Deduct	-1,082.95	
For Class 54 Rating, Add	1,498.96	
For Class 55 Rating, Add	2,239.86	
For Class 56 Rating, Add	2,970.91	
40 05 19 00-0377 EA 24" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,039.24	1,225.73
For Class 52 Rating, Deduct	-1,120.03	
For Class 54 Rating, Add	1,549.60	
For Class 55 Rating, Add	2,315.17	
For Class 56 Rating, Add	3,070.57	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

40 05 19 00-0378	EA	24" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,382.36	1,229.70
		<i>For Class 52 Rating, Deduct</i>	-1,157.11	
		<i>For Class 54 Rating, Add</i>	1,600.24	
		<i>For Class 55 Rating, Add</i>	2,390.49	
		<i>For Class 56 Rating, Add</i>	3,170.23	
40 05 19 00-0379	EA	24" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,725.47	1,233.67
		<i>For Class 52 Rating, Deduct</i>	-1,194.19	
		<i>For Class 54 Rating, Add</i>	1,650.87	
		<i>For Class 55 Rating, Add</i>	2,465.81	
		<i>For Class 56 Rating, Add</i>	3,269.89	
40 05 19 00-0380	EA	24" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,068.58	1,237.63
		<i>For Class 52 Rating, Deduct</i>	-1,231.27	
		<i>For Class 54 Rating, Add</i>	1,701.51	
		<i>For Class 55 Rating, Add</i>	2,541.13	
		<i>For Class 56 Rating, Add</i>	3,369.55	
40 05 19 00-0381	EA	24" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,411.68	1,241.60
		<i>For Class 52 Rating, Deduct</i>	-1,268.35	
		<i>For Class 54 Rating, Add</i>	1,752.15	
		<i>For Class 55 Rating, Add</i>	2,616.45	
		<i>For Class 56 Rating, Add</i>	3,469.21	
40 05 19 00-0382	EA	24" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,754.81	1,245.56
		<i>For Class 52 Rating, Deduct</i>	-1,305.43	
		<i>For Class 54 Rating, Add</i>	1,802.79	
		<i>For Class 55 Rating, Add</i>	2,691.77	
		<i>For Class 56 Rating, Add</i>	3,568.88	
40 05 19 00-0383	EA	24" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,097.92	1,249.53
		<i>For Class 52 Rating, Deduct</i>	-1,342.52	
		<i>For Class 54 Rating, Add</i>	1,853.42	
		<i>For Class 55 Rating, Add</i>	2,767.08	
		<i>For Class 56 Rating, Add</i>	3,668.54	
40 05 19 00-0384	EA	24" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,441.03	1,253.50
		<i>For Class 52 Rating, Deduct</i>	-1,379.60	
		<i>For Class 54 Rating, Add</i>	1,904.06	
		<i>For Class 55 Rating, Add</i>	2,842.40	
		<i>For Class 56 Rating, Add</i>	3,768.20	
40 05 19 00-0385	EA	24" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,784.14	1,257.47
		<i>For Class 52 Rating, Deduct</i>	-1,416.68	
		<i>For Class 54 Rating, Add</i>	1,954.70	
		<i>For Class 55 Rating, Add</i>	2,917.72	
		<i>For Class 56 Rating, Add</i>	3,867.86	
40 05 19 00-0386	EA	24" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,127.26	1,261.43
		<i>For Class 52 Rating, Deduct</i>	-1,453.76	
		<i>For Class 54 Rating, Add</i>	2,005.34	
		<i>For Class 55 Rating, Add</i>	2,993.04	
		<i>For Class 56 Rating, Add</i>	3,967.53	
40 05 19 00-0387	EA	24" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,470.37	1,265.40
		<i>For Class 52 Rating, Deduct</i>	-1,490.84	
		<i>For Class 54 Rating, Add</i>	2,055.97	
		<i>For Class 55 Rating, Add</i>	3,068.36	
		<i>For Class 56 Rating, Add</i>	4,067.19	
40 05 19 00-0388	EA	24" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,813.49	1,269.37
		<i>For Class 52 Rating, Deduct</i>	-1,527.92	
		<i>For Class 54 Rating, Add</i>	2,106.61	
		<i>For Class 55 Rating, Add</i>	3,143.67	
		<i>For Class 56 Rating, Add</i>	4,166.85	
40 05 19 00-0389	EA	24" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,258.77	1,340.77
		<i>For Class 52 Rating, Deduct</i>	-1,565.00	
		<i>For Class 54 Rating, Add</i>	2,158.47	
		<i>For Class 55 Rating, Add</i>	3,221.45	
		<i>For Class 56 Rating, Add</i>	4,270.19	
40 05 19 00-0390	EA	24" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,601.88	1,344.74
		<i>For Class 52 Rating, Deduct</i>	-1,602.09	
		<i>For Class 54 Rating, Add</i>	2,209.11	
		<i>For Class 55 Rating, Add</i>	3,296.76	
		<i>For Class 56 Rating, Add</i>	4,369.85	
40 05 19 00-0391	EA	24" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,945.00	1,348.70
		<i>For Class 52 Rating, Deduct</i>	-1,639.17	
		<i>For Class 54 Rating, Add</i>	2,259.75	
		<i>For Class 55 Rating, Add</i>	3,372.08	
		<i>For Class 56 Rating, Add</i>	4,469.51	
40 05 19 00-0392	EA	24" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,288.11	1,352.67
		<i>For Class 52 Rating, Deduct</i>	-1,676.25	
		<i>For Class 54 Rating, Add</i>	2,310.39	
		<i>For Class 55 Rating, Add</i>	3,447.40	
		<i>For Class 56 Rating, Add</i>	4,569.17	
40 05 19 00-0393	EA	24" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,631.23	1,356.63
		<i>For Class 52 Rating, Deduct</i>	-1,713.33	
		<i>For Class 54 Rating, Add</i>	2,361.02	
		<i>For Class 55 Rating, Add</i>	3,522.72	
		<i>For Class 56 Rating, Add</i>	4,668.84	
40 05 19 00-0394	EA	24" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,974.34	1,360.60
		<i>For Class 52 Rating, Deduct</i>	-1,750.41	
		<i>For Class 54 Rating, Add</i>	2,411.66	
		<i>For Class 55 Rating, Add</i>	3,598.04	
		<i>For Class 56 Rating, Add</i>	4,768.50	
40 05 19 00-0395	EA	24" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,317.45	1,364.57
		<i>For Class 52 Rating, Deduct</i>	-1,787.49	
		<i>For Class 54 Rating, Add</i>	2,462.30	
		<i>For Class 55 Rating, Add</i>	3,673.35	
		<i>For Class 56 Rating, Add</i>	4,868.16	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0396 EA 24" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,660.56	1,368.53
For Class 52 Rating, Deduct	-1,824.57	
For Class 54 Rating, Add	2,512.94	
For Class 55 Rating, Add	3,748.67	
For Class 56 Rating, Add	4,967.82	
40 05 19 00-0397 EA 24" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,003.67	1,372.50
For Class 52 Rating, Deduct	-1,861.65	
For Class 54 Rating, Add	2,563.57	
For Class 55 Rating, Add	3,823.99	
For Class 56 Rating, Add	5,067.48	
40 05 19 00-0398 30" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0002)</small>		
40 05 19 00-0399 EA 30" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,553.40	1,634.31
For Class 52 Rating, Deduct	-778.49	
For Class 54 Rating, Add	1,091.29	
For Class 55 Rating, Add	1,637.64	
For Class 56 Rating, Add	2,176.91	
40 05 19 00-0400 EA 30" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,046.34	1,638.27
For Class 52 Rating, Deduct	-832.05	
For Class 54 Rating, Add	1,164.40	
For Class 55 Rating, Add	1,746.37	
For Class 56 Rating, Add	2,320.77	
40 05 19 00-0401 EA 30" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,539.28	1,642.24
For Class 52 Rating, Deduct	-885.61	
For Class 54 Rating, Add	1,237.51	
For Class 55 Rating, Add	1,855.10	
For Class 56 Rating, Add	2,464.63	
40 05 19 00-0402 EA 30" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,032.22	1,646.21
For Class 52 Rating, Deduct	-939.18	
For Class 54 Rating, Add	1,310.63	
For Class 55 Rating, Add	1,963.83	
For Class 56 Rating, Add	2,608.49	
40 05 19 00-0403 EA 30" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,525.16	1,650.18
For Class 52 Rating, Deduct	-992.74	
For Class 54 Rating, Add	1,383.74	
For Class 55 Rating, Add	2,072.56	
For Class 56 Rating, Add	2,752.35	
40 05 19 00-0404 EA 30" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,018.09	1,654.14
For Class 52 Rating, Deduct	-1,046.30	
For Class 54 Rating, Add	1,456.85	
For Class 55 Rating, Add	2,181.28	
For Class 56 Rating, Add	2,896.21	
40 05 19 00-0405 EA 30" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,511.03	1,658.11
For Class 52 Rating, Deduct	-1,099.86	
For Class 54 Rating, Add	1,529.96	
For Class 55 Rating, Add	2,290.01	
For Class 56 Rating, Add	3,040.07	
40 05 19 00-0406 EA 30" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,003.95	1,662.08
For Class 52 Rating, Deduct	-1,153.42	
For Class 54 Rating, Add	1,603.07	
For Class 55 Rating, Add	2,398.74	
For Class 56 Rating, Add	3,183.93	
40 05 19 00-0407 EA 30" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,496.89	1,666.04
For Class 52 Rating, Deduct	-1,206.98	
For Class 54 Rating, Add	1,676.18	
For Class 55 Rating, Add	2,507.47	
For Class 56 Rating, Add	3,327.79	
40 05 19 00-0408 EA 30" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,989.84	1,670.01
For Class 52 Rating, Deduct	-1,260.55	
For Class 54 Rating, Add	1,749.29	
For Class 55 Rating, Add	2,616.20	
For Class 56 Rating, Add	3,471.65	
40 05 19 00-0409 EA 30" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,482.77	1,673.98
For Class 52 Rating, Deduct	-1,314.11	
For Class 54 Rating, Add	1,822.40	
For Class 55 Rating, Add	2,724.93	
For Class 56 Rating, Add	3,615.51	
40 05 19 00-0410 EA 30" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,975.71	1,677.94
For Class 52 Rating, Deduct	-1,367.67	
For Class 54 Rating, Add	1,895.51	
For Class 55 Rating, Add	2,833.66	
For Class 56 Rating, Add	3,759.37	
40 05 19 00-0411 EA 30" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,468.64	1,681.91
For Class 52 Rating, Deduct	-1,421.23	
For Class 54 Rating, Add	1,968.62	
For Class 55 Rating, Add	2,942.39	
For Class 56 Rating, Add	3,903.23	
40 05 19 00-0412 EA 30" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,961.58	1,685.88
For Class 52 Rating, Deduct	-1,474.79	
For Class 54 Rating, Add	2,041.74	
For Class 55 Rating, Add	3,051.11	
For Class 56 Rating, Add	4,047.09	
40 05 19 00-0413 EA 30" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,454.52	1,689.85
For Class 52 Rating, Deduct	-1,528.36	
For Class 54 Rating, Add	2,114.85	
For Class 55 Rating, Add	3,159.84	
For Class 56 Rating, Add	4,190.95	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-0414	EA	30" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,947.44	1,693.81
		<i>For Class 52 Rating, Deduct</i>	-1,581.92	
		<i>For Class 54 Rating, Add</i>	2,187.96	
		<i>For Class 55 Rating, Add</i>	3,268.57	
		<i>For Class 56 Rating, Add</i>	4,334.80	
40 05 19 00-0415	EA	30" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,440.39	1,697.77
		<i>For Class 52 Rating, Deduct</i>	-1,635.48	
		<i>For Class 54 Rating, Add</i>	2,261.07	
		<i>For Class 55 Rating, Add</i>	3,377.30	
		<i>For Class 56 Rating, Add</i>	4,478.67	
40 05 19 00-0416	EA	30" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,933.32	1,701.74
		<i>For Class 52 Rating, Deduct</i>	-1,689.04	
		<i>For Class 54 Rating, Add</i>	2,334.18	
		<i>For Class 55 Rating, Add</i>	3,486.03	
		<i>For Class 56 Rating, Add</i>	4,622.52	
40 05 19 00-0417	EA	30" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,426.26	1,705.71
		<i>For Class 52 Rating, Deduct</i>	-1,742.60	
		<i>For Class 54 Rating, Add</i>	2,407.29	
		<i>For Class 55 Rating, Add</i>	3,594.76	
		<i>For Class 56 Rating, Add</i>	4,766.38	
40 05 19 00-0418	EA	30" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,919.19	1,709.68
		<i>For Class 52 Rating, Deduct</i>	-1,796.16	
		<i>For Class 54 Rating, Add</i>	2,480.40	
		<i>For Class 55 Rating, Add</i>	3,703.49	
		<i>For Class 56 Rating, Add</i>	4,910.24	
40 05 19 00-0419	EA	30" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,412.13	1,713.65
		<i>For Class 52 Rating, Deduct</i>	-1,849.73	
		<i>For Class 54 Rating, Add</i>	2,553.51	
		<i>For Class 55 Rating, Add</i>	3,812.22	
		<i>For Class 56 Rating, Add</i>	5,054.10	
40 05 19 00-0420	EA	30" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,905.07	1,717.62
		<i>For Class 52 Rating, Deduct</i>	-1,903.29	
		<i>For Class 54 Rating, Add</i>	2,626.62	
		<i>For Class 55 Rating, Add</i>	3,920.95	
		<i>For Class 56 Rating, Add</i>	5,197.96	
40 05 19 00-0421	EA	30" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,398.00	1,721.57
		<i>For Class 52 Rating, Deduct</i>	-1,956.85	
		<i>For Class 54 Rating, Add</i>	2,699.73	
		<i>For Class 55 Rating, Add</i>	4,029.67	
		<i>For Class 56 Rating, Add</i>	5,341.82	
40 05 19 00-0422	EA	30" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,890.94	1,725.54
		<i>For Class 52 Rating, Deduct</i>	-2,010.41	
		<i>For Class 54 Rating, Add</i>	2,772.85	
		<i>For Class 55 Rating, Add</i>	4,138.40	
		<i>For Class 56 Rating, Add</i>	5,485.68	
40 05 19 00-0423	EA	30" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,381.90	1,729.51
		<i>For Class 52 Rating, Deduct</i>	-2,063.76	
		<i>For Class 54 Rating, Add</i>	2,845.66	
		<i>For Class 55 Rating, Add</i>	4,246.69	
		<i>For Class 56 Rating, Add</i>	5,628.96	
40 05 19 00-0424	EA	30" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,876.81	1,733.48
		<i>For Class 52 Rating, Deduct</i>	-2,117.54	
		<i>For Class 54 Rating, Add</i>	2,919.07	
		<i>For Class 55 Rating, Add</i>	4,355.86	
		<i>For Class 56 Rating, Add</i>	5,773.40	
40 05 19 00-0425	EA	30" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,369.75	1,737.45
		<i>For Class 52 Rating, Deduct</i>	-2,171.10	
		<i>For Class 54 Rating, Add</i>	2,992.18	
		<i>For Class 55 Rating, Add</i>	4,464.59	
		<i>For Class 56 Rating, Add</i>	5,917.26	
40 05 19 00-0426	EA	30" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,862.68	1,741.41
		<i>For Class 52 Rating, Deduct</i>	-2,224.66	
		<i>For Class 54 Rating, Add</i>	3,065.29	
		<i>For Class 55 Rating, Add</i>	4,573.32	
		<i>For Class 56 Rating, Add</i>	6,061.12	
40 05 19 00-0427	EA	30" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,355.62	1,745.38
		<i>For Class 52 Rating, Deduct</i>	-2,278.22	
		<i>For Class 54 Rating, Add</i>	3,138.40	
		<i>For Class 55 Rating, Add</i>	4,682.05	
		<i>For Class 56 Rating, Add</i>	6,204.98	
40 05 19 00-0428	EA	30" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,848.56	1,749.34
		<i>For Class 52 Rating, Deduct</i>	-2,331.78	
		<i>For Class 54 Rating, Add</i>	3,211.51	
		<i>For Class 55 Rating, Add</i>	4,790.77	
		<i>For Class 56 Rating, Add</i>	6,348.84	
40 05 19 00-0429	EA	30" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,341.50	1,753.31
		<i>For Class 52 Rating, Deduct</i>	-2,385.35	
		<i>For Class 54 Rating, Add</i>	3,284.62	
		<i>For Class 55 Rating, Add</i>	4,899.50	
		<i>For Class 56 Rating, Add</i>	6,492.70	
40 05 19 00-0430	EA	30" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,834.43	1,757.28
		<i>For Class 52 Rating, Deduct</i>	-2,438.91	
		<i>For Class 54 Rating, Add</i>	3,357.73	
		<i>For Class 55 Rating, Add</i>	5,008.23	
		<i>For Class 56 Rating, Add</i>	6,636.56	
40 05 19 00-0431	EA	30" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,327.36	1,761.25
		<i>For Class 52 Rating, Deduct</i>	-2,492.47	
		<i>For Class 54 Rating, Add</i>	3,430.84	
		<i>For Class 55 Rating, Add</i>	5,116.96	
		<i>For Class 56 Rating, Add</i>	6,780.42	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0432 EA 30" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,820.30	1,765.21
For Class 52 Rating, Deduct	-2,546.03	
For Class 54 Rating, Add	3,503.96	
For Class 55 Rating, Add	5,225.69	
For Class 56 Rating, Add	6,924.28	
40 05 19 00-0433 EA 30" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,313.23	1,769.18
For Class 52 Rating, Deduct	-2,599.59	
For Class 54 Rating, Add	3,577.07	
For Class 55 Rating, Add	5,334.42	
For Class 56 Rating, Add	7,068.14	
40 05 19 00-0434 EA 30" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,806.17	1,773.15
For Class 52 Rating, Deduct	-2,653.15	
For Class 54 Rating, Add	3,650.18	
For Class 55 Rating, Add	5,443.15	
For Class 56 Rating, Add	7,212.00	
40 05 19 00-0435 EA 30" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,299.12	1,777.11
For Class 52 Rating, Deduct	-2,706.72	
For Class 54 Rating, Add	3,723.29	
For Class 55 Rating, Add	5,551.88	
For Class 56 Rating, Add	7,355.86	
40 05 19 00-0436 EA 30" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,792.05	1,781.08
For Class 52 Rating, Deduct	-2,760.28	
For Class 54 Rating, Add	3,796.40	
For Class 55 Rating, Add	5,660.60	
For Class 56 Rating, Add	7,499.71	
40 05 19 00-0437 36" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0002)</small>		
40 05 19 00-0438 EA 36" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,264.24	2,070.65
For Class 52 Rating, Deduct	-1,113.96	
For Class 54 Rating, Add	1,556.68	
For Class 55 Rating, Add	2,333.59	
For Class 56 Rating, Add	3,100.37	
40 05 19 00-0439 EA 36" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,932.62	2,074.62
For Class 52 Rating, Deduct	-1,186.82	
For Class 54 Rating, Add	1,656.11	
For Class 55 Rating, Add	2,481.44	
For Class 56 Rating, Add	3,295.99	
40 05 19 00-0440 EA 36" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,601.01	2,078.59
For Class 52 Rating, Deduct	-1,259.68	
For Class 54 Rating, Add	1,755.54	
For Class 55 Rating, Add	2,629.30	
For Class 56 Rating, Add	3,491.61	
40 05 19 00-0441 EA 36" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,269.39	2,082.55
For Class 52 Rating, Deduct	-1,332.54	
For Class 54 Rating, Add	1,854.97	
For Class 55 Rating, Add	2,777.15	
For Class 56 Rating, Add	3,687.23	
40 05 19 00-0442 EA 36" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,937.77	2,086.52
For Class 52 Rating, Deduct	-1,405.40	
For Class 54 Rating, Add	1,954.39	
For Class 55 Rating, Add	2,925.01	
For Class 56 Rating, Add	3,882.84	
40 05 19 00-0443 EA 36" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,606.16	2,090.49
For Class 52 Rating, Deduct	-1,478.26	
For Class 54 Rating, Add	2,053.82	
For Class 55 Rating, Add	3,072.86	
For Class 56 Rating, Add	4,078.46	
40 05 19 00-0444 EA 36" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,274.55	2,094.45
For Class 52 Rating, Deduct	-1,551.13	
For Class 54 Rating, Add	2,153.25	
For Class 55 Rating, Add	3,220.72	
For Class 56 Rating, Add	4,274.08	
40 05 19 00-0445 EA 36" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,942.95	2,098.42
For Class 52 Rating, Deduct	-1,623.99	
For Class 54 Rating, Add	2,252.68	
For Class 55 Rating, Add	3,368.57	
For Class 56 Rating, Add	4,469.70	
40 05 19 00-0446 EA 36" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,611.33	2,102.39
For Class 52 Rating, Deduct	-1,696.85	
For Class 54 Rating, Add	2,352.11	
For Class 55 Rating, Add	3,516.42	
For Class 56 Rating, Add	4,665.31	
40 05 19 00-0447 EA 36" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,279.72	2,106.36
For Class 52 Rating, Deduct	-1,769.71	
For Class 54 Rating, Add	2,451.54	
For Class 55 Rating, Add	3,664.28	
For Class 56 Rating, Add	4,860.93	
40 05 19 00-0448 EA 36" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,948.11	2,110.32
For Class 52 Rating, Deduct	-1,842.57	
For Class 54 Rating, Add	2,550.97	
For Class 55 Rating, Add	3,812.13	
For Class 56 Rating, Add	5,056.55	
40 05 19 00-0449 EA 36" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,616.48	2,114.28
For Class 52 Rating, Deduct	-1,915.43	
For Class 54 Rating, Add	2,650.39	
For Class 55 Rating, Add	3,959.99	
For Class 56 Rating, Add	5,252.17	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-0450	EA	36" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,284.87	2,118.25
		<i>For Class 52 Rating, Deduct</i>	-1,988.29	
		<i>For Class 54 Rating, Add</i>	2,749.82	
		<i>For Class 55 Rating, Add</i>	4,107.84	
		<i>For Class 56 Rating, Add</i>	5,447.78	
40 05 19 00-0451	EA	36" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,953.26	2,122.22
		<i>For Class 52 Rating, Deduct</i>	-2,061.16	
		<i>For Class 54 Rating, Add</i>	2,849.25	
		<i>For Class 55 Rating, Add</i>	4,255.70	
		<i>For Class 56 Rating, Add</i>	5,643.40	
40 05 19 00-0452	EA	36" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,621.65	2,126.19
		<i>For Class 52 Rating, Deduct</i>	-2,134.02	
		<i>For Class 54 Rating, Add</i>	2,948.68	
		<i>For Class 55 Rating, Add</i>	4,403.55	
		<i>For Class 56 Rating, Add</i>	5,839.02	
40 05 19 00-0453	EA	36" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,290.04	2,130.16
		<i>For Class 52 Rating, Deduct</i>	-2,206.88	
		<i>For Class 54 Rating, Add</i>	3,048.11	
		<i>For Class 55 Rating, Add</i>	4,551.40	
		<i>For Class 56 Rating, Add</i>	6,034.64	
40 05 19 00-0454	EA	36" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,958.43	2,134.12
		<i>For Class 52 Rating, Deduct</i>	-2,279.74	
		<i>For Class 54 Rating, Add</i>	3,147.54	
		<i>For Class 55 Rating, Add</i>	4,699.26	
		<i>For Class 56 Rating, Add</i>	6,230.26	
40 05 19 00-0455	EA	36" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,626.81	2,138.08
		<i>For Class 52 Rating, Deduct</i>	-2,352.60	
		<i>For Class 54 Rating, Add</i>	3,246.97	
		<i>For Class 55 Rating, Add</i>	4,847.11	
		<i>For Class 56 Rating, Add</i>	6,425.87	
40 05 19 00-0456	EA	36" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,295.20	2,142.05
		<i>For Class 52 Rating, Deduct</i>	-2,425.46	
		<i>For Class 54 Rating, Add</i>	3,346.40	
		<i>For Class 55 Rating, Add</i>	4,994.97	
		<i>For Class 56 Rating, Add</i>	6,621.49	
40 05 19 00-0457	EA	36" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,963.58	2,146.02
		<i>For Class 52 Rating, Deduct</i>	-2,498.32	
		<i>For Class 54 Rating, Add</i>	3,445.82	
		<i>For Class 55 Rating, Add</i>	5,142.82	
		<i>For Class 56 Rating, Add</i>	6,817.11	
40 05 19 00-0458	EA	36" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,631.98	2,149.99
		<i>For Class 52 Rating, Deduct</i>	-2,571.19	
		<i>For Class 54 Rating, Add</i>	3,545.25	
		<i>For Class 55 Rating, Add</i>	5,290.68	
		<i>For Class 56 Rating, Add</i>	7,012.73	
40 05 19 00-0459	EA	36" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,300.36	2,153.96
		<i>For Class 52 Rating, Deduct</i>	-2,644.05	
		<i>For Class 54 Rating, Add</i>	3,644.68	
		<i>For Class 55 Rating, Add</i>	5,438.53	
		<i>For Class 56 Rating, Add</i>	7,208.34	
40 05 19 00-0460	EA	36" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,968.75	2,157.92
		<i>For Class 52 Rating, Deduct</i>	-2,716.91	
		<i>For Class 54 Rating, Add</i>	3,744.11	
		<i>For Class 55 Rating, Add</i>	5,586.38	
		<i>For Class 56 Rating, Add</i>	7,403.96	
40 05 19 00-0461	EA	36" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,637.14	2,161.89
		<i>For Class 52 Rating, Deduct</i>	-2,789.77	
		<i>For Class 54 Rating, Add</i>	3,843.54	
		<i>For Class 55 Rating, Add</i>	5,734.24	
		<i>For Class 56 Rating, Add</i>	7,599.58	
40 05 19 00-0462	EA	36" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,305.52	2,165.85
		<i>For Class 52 Rating, Deduct</i>	-2,862.63	
		<i>For Class 54 Rating, Add</i>	3,942.97	
		<i>For Class 55 Rating, Add</i>	5,882.09	
		<i>For Class 56 Rating, Add</i>	7,795.19	
40 05 19 00-0463	EA	36" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,973.91	2,169.82
		<i>For Class 52 Rating, Deduct</i>	-2,935.49	
		<i>For Class 54 Rating, Add</i>	4,042.40	
		<i>For Class 55 Rating, Add</i>	6,029.95	
		<i>For Class 56 Rating, Add</i>	7,990.81	
40 05 19 00-0464	EA	36" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,642.30	2,173.79
		<i>For Class 52 Rating, Deduct</i>	-3,008.35	
		<i>For Class 54 Rating, Add</i>	4,141.83	
		<i>For Class 55 Rating, Add</i>	6,177.80	
		<i>For Class 56 Rating, Add</i>	8,186.43	
40 05 19 00-0465	EA	36" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,310.68	2,177.76
		<i>For Class 52 Rating, Deduct</i>	-3,081.22	
		<i>For Class 54 Rating, Add</i>	4,241.25	
		<i>For Class 55 Rating, Add</i>	6,325.66	
		<i>For Class 56 Rating, Add</i>	8,382.05	
40 05 19 00-0466	EA	36" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,979.07	2,181.72
		<i>For Class 52 Rating, Deduct</i>	-3,154.08	
		<i>For Class 54 Rating, Add</i>	4,340.68	
		<i>For Class 55 Rating, Add</i>	6,473.51	
		<i>For Class 56 Rating, Add</i>	8,577.66	
40 05 19 00-0467	EA	36" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,647.46	2,185.69
		<i>For Class 52 Rating, Deduct</i>	-3,226.94	
		<i>For Class 54 Rating, Add</i>	4,440.11	
		<i>For Class 55 Rating, Add</i>	6,621.37	
		<i>For Class 56 Rating, Add</i>	8,773.28	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0468 EA 36" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,315.85	2,189.66
For Class 52 Rating, Deduct	-3,299.80	
For Class 54 Rating, Add	4,539.54	
For Class 55 Rating, Add	6,769.22	
For Class 56 Rating, Add	8,968.90	
40 05 19 00-0469 EA 36" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,984.23	2,193.63
For Class 52 Rating, Deduct	-3,372.66	
For Class 54 Rating, Add	4,638.97	
For Class 55 Rating, Add	6,917.07	
For Class 56 Rating, Add	9,164.52	
40 05 19 00-0470 EA 36" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,652.62	2,197.59
For Class 52 Rating, Deduct	-3,445.52	
For Class 54 Rating, Add	4,738.40	
For Class 55 Rating, Add	7,064.93	
For Class 56 Rating, Add	9,360.14	
40 05 19 00-0471 EA 36" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,321.01	2,201.55
For Class 52 Rating, Deduct	-3,518.39	
For Class 54 Rating, Add	4,837.83	
For Class 55 Rating, Add	7,212.78	
For Class 56 Rating, Add	9,555.75	
40 05 19 00-0472 EA 36" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,989.40	2,205.52
For Class 52 Rating, Deduct	-3,591.25	
For Class 54 Rating, Add	4,937.25	
For Class 55 Rating, Add	7,360.64	
For Class 56 Rating, Add	9,751.37	
40 05 19 00-0473 EA 36" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,657.78	2,209.49
For Class 52 Rating, Deduct	-3,664.11	
For Class 54 Rating, Add	5,036.68	
For Class 55 Rating, Add	7,508.49	
For Class 56 Rating, Add	9,946.99	
40 05 19 00-0474 EA 36" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,326.17	2,213.46
For Class 52 Rating, Deduct	-3,736.97	
For Class 54 Rating, Add	5,136.11	
For Class 55 Rating, Add	7,656.35	
For Class 56 Rating, Add	10,142.61	
40 05 19 00-0475 EA 36" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,994.55	2,217.43
For Class 52 Rating, Deduct	-3,809.83	
For Class 54 Rating, Add	5,235.54	
For Class 55 Rating, Add	7,804.20	
For Class 56 Rating, Add	10,338.22	
40 05 19 00-0476 42" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0002)</small>		
40 05 19 00-0477 EA 42" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,464.48	2,610.14
For Class 52 Rating, Deduct	-1,486.07	
For Class 54 Rating, Add	2,073.92	
For Class 55 Rating, Add	3,107.58	
For Class 56 Rating, Add	4,127.74	
40 05 19 00-0478 EA 42" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,460.11	2,614.10
For Class 52 Rating, Deduct	-1,594.93	
For Class 54 Rating, Add	2,222.43	
For Class 55 Rating, Add	3,328.41	
For Class 56 Rating, Add	4,419.90	
40 05 19 00-0479 EA 42" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,443.92	2,618.06
For Class 52 Rating, Deduct	-1,702.49	
For Class 54 Rating, Add	2,369.17	
For Class 55 Rating, Add	3,546.61	
For Class 56 Rating, Add	4,708.56	
40 05 19 00-0480 EA 42" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,437.58	2,622.03
For Class 52 Rating, Deduct	-1,811.13	
For Class 54 Rating, Add	2,517.39	
For Class 55 Rating, Add	3,767.00	
For Class 56 Rating, Add	5,000.14	
40 05 19 00-0481 EA 42" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,421.38	2,626.00
For Class 52 Rating, Deduct	-1,918.68	
For Class 54 Rating, Add	2,664.13	
For Class 55 Rating, Add	3,985.19	
For Class 56 Rating, Add	5,288.80	
40 05 19 00-0482 EA 42" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,417.01	2,629.97
For Class 52 Rating, Deduct	-2,027.54	
For Class 54 Rating, Add	2,812.65	
For Class 55 Rating, Add	4,206.02	
For Class 56 Rating, Add	5,580.96	
40 05 19 00-0483 EA 42" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,398.85	2,633.94
For Class 52 Rating, Deduct	-2,134.88	
For Class 54 Rating, Add	2,959.10	
For Class 55 Rating, Add	4,423.77	
For Class 56 Rating, Add	5,869.04	
40 05 19 00-0484 EA 42" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,394.48	2,637.90
For Class 52 Rating, Deduct	-2,243.74	
For Class 54 Rating, Add	3,107.61	
For Class 55 Rating, Add	4,644.60	
For Class 56 Rating, Add	6,161.20	
40 05 19 00-0485 EA 42" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,378.29	2,641.86
For Class 52 Rating, Deduct	-2,351.30	
For Class 54 Rating, Add	3,254.35	
For Class 55 Rating, Add	4,862.80	
For Class 56 Rating, Add	6,449.86	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

40 05 19 00-0486	EA	42" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,371.95	2,645.83
		<i>For Class 52 Rating, Deduct</i>	-2,459.94	
		<i>For Class 54 Rating, Add</i>	3,402.57	
		<i>For Class 55 Rating, Add</i>	5,083.19	
		<i>For Class 56 Rating, Add</i>	6,741.44	
40 05 19 00-0487	EA	42" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,355.75	2,649.80
		<i>For Class 52 Rating, Deduct</i>	-2,567.50	
		<i>For Class 54 Rating, Add</i>	3,549.31	
		<i>For Class 55 Rating, Add</i>	5,301.38	
		<i>For Class 56 Rating, Add</i>	7,030.10	
40 05 19 00-0488	EA	42" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,349.41	2,653.77
		<i>For Class 52 Rating, Deduct</i>	-2,676.14	
		<i>For Class 54 Rating, Add</i>	3,697.53	
		<i>For Class 55 Rating, Add</i>	5,521.77	
		<i>For Class 56 Rating, Add</i>	7,321.67	
40 05 19 00-0489	EA	42" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,333.23	2,657.74
		<i>For Class 52 Rating, Deduct</i>	-2,783.70	
		<i>For Class 54 Rating, Add</i>	3,844.28	
		<i>For Class 55 Rating, Add</i>	5,739.96	
		<i>For Class 56 Rating, Add</i>	7,610.34	
40 05 19 00-0490	EA	42" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,318.99	2,661.70
		<i>For Class 52 Rating, Deduct</i>	-2,891.47	
		<i>For Class 54 Rating, Add</i>	3,991.31	
		<i>For Class 55 Rating, Add</i>	5,958.59	
		<i>For Class 56 Rating, Add</i>	7,899.59	
40 05 19 00-0491	EA	42" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,310.68	2,665.67
		<i>For Class 52 Rating, Deduct</i>	-2,999.90	
		<i>For Class 54 Rating, Add</i>	4,139.24	
		<i>For Class 55 Rating, Add</i>	6,178.54	
		<i>For Class 56 Rating, Add</i>	8,190.58	
40 05 19 00-0492	EA	42" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,294.49	2,669.63
		<i>For Class 52 Rating, Deduct</i>	-3,107.45	
		<i>For Class 54 Rating, Add</i>	4,285.98	
		<i>For Class 55 Rating, Add</i>	6,396.74	
		<i>For Class 56 Rating, Add</i>	8,479.25	
40 05 19 00-0493	EA	42" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,290.12	2,673.60
		<i>For Class 52 Rating, Deduct</i>	-3,216.31	
		<i>For Class 54 Rating, Add</i>	4,434.49	
		<i>For Class 55 Rating, Add</i>	6,617.57	
		<i>For Class 56 Rating, Add</i>	8,771.40	
40 05 19 00-0494	EA	42" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,273.93	2,677.57
		<i>For Class 52 Rating, Deduct</i>	-3,323.87	
		<i>For Class 54 Rating, Add</i>	4,581.23	
		<i>For Class 55 Rating, Add</i>	6,835.76	
		<i>For Class 56 Rating, Add</i>	9,060.07	
40 05 19 00-0495	EA	42" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,267.59	2,681.54
		<i>For Class 52 Rating, Deduct</i>	-3,432.51	
		<i>For Class 54 Rating, Add</i>	4,729.45	
		<i>For Class 55 Rating, Add</i>	7,056.15	
		<i>For Class 56 Rating, Add</i>	9,351.64	
40 05 19 00-0496	EA	42" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,251.40	2,685.50
		<i>For Class 52 Rating, Deduct</i>	-3,540.07	
		<i>For Class 54 Rating, Add</i>	4,876.19	
		<i>For Class 55 Rating, Add</i>	7,274.34	
		<i>For Class 56 Rating, Add</i>	9,640.30	
40 05 19 00-0497	EA	42" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,247.03	2,689.47
		<i>For Class 52 Rating, Deduct</i>	-3,648.93	
		<i>For Class 54 Rating, Add</i>	5,024.71	
		<i>For Class 55 Rating, Add</i>	7,495.17	
		<i>For Class 56 Rating, Add</i>	9,932.46	
40 05 19 00-0498	EA	42" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	38,230.83	2,693.44
		<i>For Class 52 Rating, Deduct</i>	-3,756.49	
		<i>For Class 54 Rating, Add</i>	5,171.45	
		<i>For Class 55 Rating, Add</i>	7,713.36	
		<i>For Class 56 Rating, Add</i>	10,221.13	
40 05 19 00-0499	EA	42" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,224.49	2,697.40
		<i>For Class 52 Rating, Deduct</i>	-3,865.13	
		<i>For Class 54 Rating, Add</i>	5,319.67	
		<i>For Class 55 Rating, Add</i>	7,933.75	
		<i>For Class 56 Rating, Add</i>	10,512.70	
40 05 19 00-0500	EA	42" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,208.30	2,701.37
		<i>For Class 52 Rating, Deduct</i>	-3,972.69	
		<i>For Class 54 Rating, Add</i>	5,466.41	
		<i>For Class 55 Rating, Add</i>	8,151.95	
		<i>For Class 56 Rating, Add</i>	10,801.37	
40 05 19 00-0501	EA	42" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,203.93	2,705.33
		<i>For Class 52 Rating, Deduct</i>	-4,081.54	
		<i>For Class 54 Rating, Add</i>	5,614.93	
		<i>For Class 55 Rating, Add</i>	8,372.78	
		<i>For Class 56 Rating, Add</i>	11,093.52	
40 05 19 00-0502	EA	42" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	42,187.73	2,709.30
		<i>For Class 52 Rating, Deduct</i>	-4,189.10	
		<i>For Class 54 Rating, Add</i>	5,761.67	
		<i>For Class 55 Rating, Add</i>	8,590.97	
		<i>For Class 56 Rating, Add</i>	11,382.19	
40 05 19 00-0503	EA	42" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	43,179.43	2,713.27
		<i>For Class 52 Rating, Deduct</i>	-4,297.53	
		<i>For Class 54 Rating, Add</i>	5,909.59	
		<i>For Class 55 Rating, Add</i>	8,810.92	
		<i>For Class 56 Rating, Add</i>	11,673.18	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0504 EA 42" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	44,165.21	2,717.24
For Class 52 Rating, Deduct	-4,405.30	
For Class 54 Rating, Add	6,056.63	
For Class 55 Rating, Add	9,029.55	
For Class 56 Rating, Add	11,962.43	
40 05 19 00-0505 EA 42" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	44,951.88	2,721.21
For Class 52 Rating, Deduct	-4,491.17	
For Class 54 Rating, Add	6,173.80	
For Class 55 Rating, Add	9,203.78	
For Class 56 Rating, Add	12,192.94	
40 05 19 00-0506 EA 42" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	46,142.66	2,725.16
For Class 52 Rating, Deduct	-4,621.50	
For Class 54 Rating, Add	6,351.59	
For Class 55 Rating, Add	9,468.13	
For Class 56 Rating, Add	12,542.66	
40 05 19 00-0507 EA 42" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	47,126.47	2,729.13
For Class 52 Rating, Deduct	-4,729.06	
For Class 54 Rating, Add	6,498.33	
For Class 55 Rating, Add	9,686.33	
For Class 56 Rating, Add	12,831.33	
40 05 19 00-0508 EA 42" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	48,120.13	2,733.10
For Class 52 Rating, Deduct	-4,837.70	
For Class 54 Rating, Add	6,646.55	
For Class 55 Rating, Add	9,906.72	
For Class 56 Rating, Add	13,122.90	
40 05 19 00-0509 EA 42" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	49,103.94	2,737.07
For Class 52 Rating, Deduct	-4,945.25	
For Class 54 Rating, Add	6,793.29	
For Class 55 Rating, Add	10,124.91	
For Class 56 Rating, Add	13,411.57	
40 05 19 00-0510 EA 42" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	50,099.58	2,741.04
For Class 52 Rating, Deduct	-5,054.11	
For Class 54 Rating, Add	6,941.81	
For Class 55 Rating, Add	10,345.74	
For Class 56 Rating, Add	13,703.73	
40 05 19 00-0511 EA 42" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	51,081.41	2,745.01
For Class 52 Rating, Deduct	-5,161.45	
For Class 54 Rating, Add	7,088.26	
For Class 55 Rating, Add	10,563.49	
For Class 56 Rating, Add	13,991.81	
40 05 19 00-0512 EA 42" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	52,077.04	2,748.97
For Class 52 Rating, Deduct	-5,270.31	
For Class 54 Rating, Add	7,236.77	
For Class 55 Rating, Add	10,784.32	
For Class 56 Rating, Add	14,283.96	
40 05 19 00-0513 EA 42" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	53,060.85	2,752.93
For Class 52 Rating, Deduct	-5,377.87	
For Class 54 Rating, Add	7,383.51	
For Class 55 Rating, Add	11,002.52	
For Class 56 Rating, Add	14,572.63	
40 05 19 00-0514 EA 42" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	54,054.50	2,756.90
For Class 52 Rating, Deduct	-5,486.51	
For Class 54 Rating, Add	7,531.73	
For Class 55 Rating, Add	11,222.91	
For Class 56 Rating, Add	14,864.20	
40 05 19 00-0515 48" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0002)</small>		
40 05 19 00-0516 EA 48" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,908.41	3,280.52
For Class 52 Rating, Deduct	-1,863.17	
For Class 54 Rating, Add	2,600.34	
For Class 55 Rating, Add	3,896.45	
For Class 56 Rating, Add	5,175.63	
40 05 19 00-0517 EA 48" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,355.48	3,284.48
For Class 52 Rating, Deduct	-2,021.69	
For Class 54 Rating, Add	2,816.57	
For Class 55 Rating, Add	4,217.95	
For Class 56 Rating, Add	5,600.96	
40 05 19 00-0518 EA 48" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,800.58	3,288.45
For Class 52 Rating, Deduct	-2,179.99	
For Class 54 Rating, Add	3,032.50	
For Class 55 Rating, Add	4,539.01	
For Class 56 Rating, Add	6,025.70	
40 05 19 00-0519 EA 48" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,257.51	3,292.42
For Class 52 Rating, Deduct	-2,339.59	
For Class 54 Rating, Add	3,250.21	
For Class 55 Rating, Add	4,862.71	
For Class 56 Rating, Add	6,453.94	
40 05 19 00-0520 EA 48" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,704.59	3,296.38
For Class 52 Rating, Deduct	-2,498.11	
For Class 54 Rating, Add	3,466.44	
For Class 55 Rating, Add	5,184.21	
For Class 56 Rating, Add	6,879.27	
40 05 19 00-0521 EA 48" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,151.67	3,300.35
For Class 52 Rating, Deduct	-2,656.62	
For Class 54 Rating, Add	3,682.68	
For Class 55 Rating, Add	5,505.71	
For Class 56 Rating, Add	7,304.60	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

40 05 19 00-0522	EA	48" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,606.62	3,304.32
		<i>For Class 52 Rating, Deduct</i>	-2,816.01	
		<i>For Class 54 Rating, Add</i>	3,900.09	
		<i>For Class 55 Rating, Add</i>	5,828.97	
		<i>For Class 56 Rating, Add</i>	7,732.26	
40 05 19 00-0523	EA	48" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,055.67	3,308.29
		<i>For Class 52 Rating, Deduct</i>	-2,974.74	
		<i>For Class 54 Rating, Add</i>	4,116.62	
		<i>For Class 55 Rating, Add</i>	6,150.92	
		<i>For Class 56 Rating, Add</i>	8,158.17	
40 05 19 00-0524	EA	48" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,500.77	3,312.25
		<i>For Class 52 Rating, Deduct</i>	-3,133.04	
		<i>For Class 54 Rating, Add</i>	4,332.55	
		<i>For Class 55 Rating, Add</i>	6,471.98	
		<i>For Class 56 Rating, Add</i>	8,582.92	
40 05 19 00-0525	EA	48" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,957.70	3,316.21
		<i>For Class 52 Rating, Deduct</i>	-3,292.64	
		<i>For Class 54 Rating, Add</i>	4,550.26	
		<i>For Class 55 Rating, Add</i>	6,795.68	
		<i>For Class 56 Rating, Add</i>	9,011.16	
40 05 19 00-0526	EA	48" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,404.77	3,320.18
		<i>For Class 52 Rating, Deduct</i>	-3,451.16	
		<i>For Class 54 Rating, Add</i>	4,766.50	
		<i>For Class 55 Rating, Add</i>	7,117.18	
		<i>For Class 56 Rating, Add</i>	9,436.49	
40 05 19 00-0527	EA	48" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,861.71	3,324.15
		<i>For Class 52 Rating, Deduct</i>	-3,610.76	
		<i>For Class 54 Rating, Add</i>	4,984.21	
		<i>For Class 55 Rating, Add</i>	7,440.88	
		<i>For Class 56 Rating, Add</i>	9,864.73	
40 05 19 00-0528	EA	48" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,306.82	3,328.12
		<i>For Class 52 Rating, Deduct</i>	-3,769.06	
		<i>For Class 54 Rating, Add</i>	5,200.14	
		<i>For Class 55 Rating, Add</i>	7,761.94	
		<i>For Class 56 Rating, Add</i>	10,289.48	
40 05 19 00-0529	EA	48" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,753.89	3,332.09
		<i>For Class 52 Rating, Deduct</i>	-3,927.58	
		<i>For Class 54 Rating, Add</i>	5,416.37	
		<i>For Class 55 Rating, Add</i>	8,083.44	
		<i>For Class 56 Rating, Add</i>	10,714.80	
40 05 19 00-0530	EA	48" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	42,210.82	3,336.06
		<i>For Class 52 Rating, Deduct</i>	-4,087.18	
		<i>For Class 54 Rating, Add</i>	5,634.08	
		<i>For Class 55 Rating, Add</i>	8,407.14	
		<i>For Class 56 Rating, Add</i>	11,143.04	
40 05 19 00-0531	EA	48" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	43,657.89	3,340.01
		<i>For Class 52 Rating, Deduct</i>	-4,245.70	
		<i>For Class 54 Rating, Add</i>	5,850.32	
		<i>For Class 55 Rating, Add</i>	8,728.64	
		<i>For Class 56 Rating, Add</i>	11,568.37	
40 05 19 00-0532	EA	48" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	45,102.99	3,343.98
		<i>For Class 52 Rating, Deduct</i>	-4,404.00	
		<i>For Class 54 Rating, Add</i>	6,066.25	
		<i>For Class 55 Rating, Add</i>	9,049.71	
		<i>For Class 56 Rating, Add</i>	11,993.12	
40 05 19 00-0533	EA	48" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	46,559.92	3,347.95
		<i>For Class 52 Rating, Deduct</i>	-4,563.60	
		<i>For Class 54 Rating, Add</i>	6,283.96	
		<i>For Class 55 Rating, Add</i>	9,373.40	
		<i>For Class 56 Rating, Add</i>	12,421.36	
40 05 19 00-0534	EA	48" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	48,007.01	3,351.92
		<i>For Class 52 Rating, Deduct</i>	-4,722.12	
		<i>For Class 54 Rating, Add</i>	6,500.20	
		<i>For Class 55 Rating, Add</i>	9,694.91	
		<i>For Class 56 Rating, Add</i>	12,846.69	
40 05 19 00-0535	EA	48" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	49,452.11	3,355.89
		<i>For Class 52 Rating, Deduct</i>	-4,880.42	
		<i>For Class 54 Rating, Add</i>	6,716.13	
		<i>For Class 55 Rating, Add</i>	10,015.97	
		<i>For Class 56 Rating, Add</i>	13,271.44	
40 05 19 00-0536	EA	48" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	50,909.04	3,359.86
		<i>For Class 52 Rating, Deduct</i>	-5,040.02	
		<i>For Class 54 Rating, Add</i>	6,933.84	
		<i>For Class 55 Rating, Add</i>	10,339.67	
		<i>For Class 56 Rating, Add</i>	13,699.68	
40 05 19 00-0537	EA	48" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	52,358.08	3,363.82
		<i>For Class 52 Rating, Deduct</i>	-5,198.75	
		<i>For Class 54 Rating, Add</i>	7,150.37	
		<i>For Class 55 Rating, Add</i>	10,661.61	
		<i>For Class 56 Rating, Add</i>	14,125.59	
40 05 19 00-0538	EA	48" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	53,803.19	3,367.78
		<i>For Class 52 Rating, Deduct</i>	-5,357.05	
		<i>For Class 54 Rating, Add</i>	7,366.30	
		<i>For Class 55 Rating, Add</i>	10,982.67	
		<i>For Class 56 Rating, Add</i>	14,550.34	
40 05 19 00-0539	EA	48" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	55,260.11	3,371.75
		<i>For Class 52 Rating, Deduct</i>	-5,516.65	
		<i>For Class 54 Rating, Add</i>	7,584.01	
		<i>For Class 55 Rating, Add</i>	11,306.37	
		<i>For Class 56 Rating, Add</i>	14,978.58	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0540 EA 48" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	56,707.18	3,375.72
For Class 52 Rating, Deduct	-5,675.17	
For Class 54 Rating, Add	7,800.25	
For Class 55 Rating, Add	11,627.87	
For Class 56 Rating, Add	15,403.91	
40 05 19 00-0541 EA 48" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	58,152.30	3,379.69
For Class 52 Rating, Deduct	-5,833.47	
For Class 54 Rating, Add	8,016.18	
For Class 55 Rating, Add	11,948.94	
For Class 56 Rating, Add	15,828.66	
40 05 19 00-0542 EA 48" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	59,609.23	3,383.65
For Class 52 Rating, Deduct	-5,993.07	
For Class 54 Rating, Add	8,233.89	
For Class 55 Rating, Add	12,272.64	
For Class 56 Rating, Add	16,256.89	
40 05 19 00-0543 EA 48" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	61,056.30	3,387.62
For Class 52 Rating, Deduct	-6,151.59	
For Class 54 Rating, Add	8,450.12	
For Class 55 Rating, Add	12,594.14	
For Class 56 Rating, Add	16,682.22	
40 05 19 00-0544 EA 48" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	62,325.95	3,391.59
For Class 52 Rating, Deduct	-6,290.59	
For Class 54 Rating, Add	8,639.74	
For Class 55 Rating, Add	12,876.07	
For Class 56 Rating, Add	17,055.21	
40 05 19 00-0545 EA 48" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	63,960.31	3,395.55
For Class 52 Rating, Deduct	-6,469.71	
For Class 54 Rating, Add	8,884.07	
For Class 55 Rating, Add	13,239.34	
For Class 56 Rating, Add	17,535.79	
40 05 19 00-0546 EA 48" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	65,405.41	3,399.52
For Class 52 Rating, Deduct	-6,628.01	
For Class 54 Rating, Add	9,100.00	
For Class 55 Rating, Add	13,560.40	
For Class 56 Rating, Add	17,960.54	
40 05 19 00-0547 EA 48" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	66,864.30	3,403.49
For Class 52 Rating, Deduct	-6,787.83	
For Class 54 Rating, Add	9,318.01	
For Class 55 Rating, Add	13,884.54	
For Class 56 Rating, Add	18,389.36	
40 05 19 00-0548 EA 48" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	68,309.41	3,407.45
For Class 52 Rating, Deduct	-6,946.13	
For Class 54 Rating, Add	9,533.94	
For Class 55 Rating, Add	14,205.60	
For Class 56 Rating, Add	18,814.11	
40 05 19 00-0549 EA 48" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	69,754.52	3,411.42
For Class 52 Rating, Deduct	-7,104.43	
For Class 54 Rating, Add	9,749.88	
For Class 55 Rating, Add	14,526.66	
For Class 56 Rating, Add	19,238.86	
40 05 19 00-0550 EA 48" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	71,213.42	3,415.39
For Class 52 Rating, Deduct	-7,264.24	
For Class 54 Rating, Add	9,967.89	
For Class 55 Rating, Add	14,850.80	
For Class 56 Rating, Add	19,667.68	
40 05 19 00-0551 EA 48" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	72,658.52	3,419.36
For Class 52 Rating, Deduct	-7,422.54	
For Class 54 Rating, Add	10,183.82	
For Class 55 Rating, Add	15,171.86	
For Class 56 Rating, Add	20,092.43	
40 05 19 00-0552 EA 48" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	74,105.60	3,423.33
For Class 52 Rating, Deduct	-7,581.06	
For Class 54 Rating, Add	10,400.05	
For Class 55 Rating, Add	15,493.37	
For Class 56 Rating, Add	20,517.76	
40 05 19 00-0553 EA 48" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	75,562.53	3,427.28
For Class 52 Rating, Deduct	-7,740.66	
For Class 54 Rating, Add	10,617.76	
For Class 55 Rating, Add	15,817.07	
For Class 56 Rating, Add	20,946.00	
 40 05 19 00-0554 Flanged End x Grooved End (FxF), Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0001)</small>		
 40 05 19 00-0555 4" Flanged End x Grooved End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0554)</small>		
40 05 19 00-0556 EA 4" Flanged x Grooved (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	610.16	181.52
For Class 52 Rating, Deduct	-36.86	
For Class 54 Rating, Add	53.57	
For Class 55 Rating, Add	81.33	
For Class 56 Rating, Add	108.76	
40 05 19 00-0557 EA 4" Flanged x Grooved (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	666.23	184.70
For Class 52 Rating, Deduct	-42.50	
For Class 54 Rating, Add	61.32	
For Class 55 Rating, Add	92.88	
For Class 56 Rating, Add	124.06	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-0558	EA 4" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	722.29	187.87
	For Class 52 Rating, Deduct	-48.14	
	For Class 54 Rating, Add	69.06	
	For Class 55 Rating, Add	104.43	
	For Class 56 Rating, Add	139.35	
40 05 19 00-0559	EA 4" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	778.35	191.04
	For Class 52 Rating, Deduct	-53.78	
	For Class 54 Rating, Add	76.81	
	For Class 55 Rating, Add	115.97	
	For Class 56 Rating, Add	154.65	
40 05 19 00-0560	EA 4" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	834.41	194.21
	For Class 52 Rating, Deduct	-59.42	
	For Class 54 Rating, Add	84.55	
	For Class 55 Rating, Add	127.52	
	For Class 56 Rating, Add	169.94	
40 05 19 00-0561	EA 4" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	890.48	197.39
	For Class 52 Rating, Deduct	-65.06	
	For Class 54 Rating, Add	92.30	
	For Class 55 Rating, Add	139.06	
	For Class 56 Rating, Add	185.23	
40 05 19 00-0562	EA 4" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	946.54	200.56
	For Class 52 Rating, Deduct	-70.69	
	For Class 54 Rating, Add	100.05	
	For Class 55 Rating, Add	150.61	
	For Class 56 Rating, Add	200.52	
40 05 19 00-0563	EA 4" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,002.61	203.73
	For Class 52 Rating, Deduct	-76.33	
	For Class 54 Rating, Add	107.79	
	For Class 55 Rating, Add	162.15	
	For Class 56 Rating, Add	215.82	
40 05 19 00-0564	EA 4" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,058.67	206.90
	For Class 52 Rating, Deduct	-81.97	
	For Class 54 Rating, Add	115.54	
	For Class 55 Rating, Add	173.70	
	For Class 56 Rating, Add	231.11	
40 05 19 00-0565	EA 4" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,114.73	210.09
	For Class 52 Rating, Deduct	-87.61	
	For Class 54 Rating, Add	123.28	
	For Class 55 Rating, Add	185.24	
	For Class 56 Rating, Add	246.41	
40 05 19 00-0566	EA 4" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,170.79	213.26
	For Class 52 Rating, Deduct	-93.24	
	For Class 54 Rating, Add	131.03	
	For Class 55 Rating, Add	196.79	
	For Class 56 Rating, Add	261.70	
40 05 19 00-0567	EA 4" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,226.86	216.43
	For Class 52 Rating, Deduct	-98.88	
	For Class 54 Rating, Add	138.78	
	For Class 55 Rating, Add	208.33	
	For Class 56 Rating, Add	276.99	
40 05 19 00-0568	EA 4" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,282.93	219.60
	For Class 52 Rating, Deduct	-104.52	
	For Class 54 Rating, Add	146.52	
	For Class 55 Rating, Add	219.88	
	For Class 56 Rating, Add	292.29	
40 05 19 00-0569	EA 4" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,338.98	222.78
	For Class 52 Rating, Deduct	-110.16	
	For Class 54 Rating, Add	154.27	
	For Class 55 Rating, Add	231.42	
	For Class 56 Rating, Add	307.58	
40 05 19 00-0570	EA 4" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,395.05	225.95
	For Class 52 Rating, Deduct	-115.80	
	For Class 54 Rating, Add	162.01	
	For Class 55 Rating, Add	242.97	
	For Class 56 Rating, Add	322.87	
40 05 19 00-0571	EA 4" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,451.11	229.12
	For Class 52 Rating, Deduct	-121.44	
	For Class 54 Rating, Add	169.76	
	For Class 55 Rating, Add	254.51	
	For Class 56 Rating, Add	338.17	
40 05 19 00-0572	EA 4" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,507.18	232.29
	For Class 52 Rating, Deduct	-127.07	
	For Class 54 Rating, Add	177.51	
	For Class 55 Rating, Add	266.06	
	For Class 56 Rating, Add	353.46	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0573	EA		4" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,563.24	235.47
			For Class 52 Rating, Deduct	-132.71	
			For Class 54 Rating, Add	185.25	
			For Class 55 Rating, Add	277.61	
			For Class 56 Rating, Add	368.75	
40 05 19 00-0574	EA		4" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,619.31	238.64
			For Class 52 Rating, Deduct	-138.35	
			For Class 54 Rating, Add	193.00	
			For Class 55 Rating, Add	289.15	
			For Class 56 Rating, Add	384.05	
40 05 19 00-0575	EA		4" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,675.37	241.81
			For Class 52 Rating, Deduct	-143.99	
			For Class 54 Rating, Add	200.74	
			For Class 55 Rating, Add	300.70	
			For Class 56 Rating, Add	399.34	
40 05 19 00-0576	EA		4" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,731.44	244.99
			For Class 52 Rating, Deduct	-149.63	
			For Class 54 Rating, Add	208.49	
			For Class 55 Rating, Add	312.24	
			For Class 56 Rating, Add	414.63	
40 05 19 00-0577	EA		4" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,787.49	248.17
			For Class 52 Rating, Deduct	-155.26	
			For Class 54 Rating, Add	216.24	
			For Class 55 Rating, Add	323.79	
			For Class 56 Rating, Add	429.93	
40 05 19 00-0578	EA		4" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,843.56	251.34
			For Class 52 Rating, Deduct	-160.90	
			For Class 54 Rating, Add	223.98	
			For Class 55 Rating, Add	335.33	
			For Class 56 Rating, Add	445.22	
40 05 19 00-0579	EA		4" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,899.61	254.51
			For Class 52 Rating, Deduct	-166.54	
			For Class 54 Rating, Add	231.73	
			For Class 55 Rating, Add	346.88	
			For Class 56 Rating, Add	460.51	
40 05 19 00-0580	EA		4" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,955.68	257.69
			For Class 52 Rating, Deduct	-172.18	
			For Class 54 Rating, Add	239.47	
			For Class 55 Rating, Add	358.42	
			For Class 56 Rating, Add	475.81	
40 05 19 00-0581	EA		4" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	2,011.75	260.86
			For Class 52 Rating, Deduct	-177.82	
			For Class 54 Rating, Add	247.22	
			For Class 55 Rating, Add	369.97	
			For Class 56 Rating, Add	491.10	
40 05 19 00-0582	EA		4" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	2,067.81	264.03
			For Class 52 Rating, Deduct	-183.45	
			For Class 54 Rating, Add	254.97	
			For Class 55 Rating, Add	381.51	
			For Class 56 Rating, Add	506.39	
40 05 19 00-0583	EA		4" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	2,123.88	267.20
			For Class 52 Rating, Deduct	-189.09	
			For Class 54 Rating, Add	262.71	
			For Class 55 Rating, Add	393.06	
			For Class 56 Rating, Add	521.69	
40 05 19 00-0584	EA		4" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	2,179.94	270.38
			For Class 52 Rating, Deduct	-194.73	
			For Class 54 Rating, Add	270.46	
			For Class 55 Rating, Add	404.60	
			For Class 56 Rating, Add	536.98	
40 05 19 00-0585	EA		4" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	2,236.01	273.55
			For Class 52 Rating, Deduct	-200.37	
			For Class 54 Rating, Add	278.20	
			For Class 55 Rating, Add	416.15	
			For Class 56 Rating, Add	552.28	
40 05 19 00-0586	EA		4" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	2,292.07	276.72
			For Class 52 Rating, Deduct	-206.01	
			For Class 54 Rating, Add	285.95	
			For Class 55 Rating, Add	427.69	
			For Class 56 Rating, Add	567.57	
40 05 19 00-0587	EA		4" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	2,348.14	279.89
			For Class 52 Rating, Deduct	-211.65	
			For Class 54 Rating, Add	293.70	
			For Class 55 Rating, Add	439.24	
			For Class 56 Rating, Add	582.86	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0588	EA		4" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,404.20	283.08
			<i>For Class 52 Rating, Deduct</i>	-217.28	
			<i>For Class 54 Rating, Add</i>	301.44	
			<i>For Class 55 Rating, Add</i>	450.79	
			<i>For Class 56 Rating, Add</i>	598.15	
40 05 19 00-0589	EA		4" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,460.26	286.25
			<i>For Class 52 Rating, Deduct</i>	-222.92	
			<i>For Class 54 Rating, Add</i>	309.19	
			<i>For Class 55 Rating, Add</i>	462.33	
			<i>For Class 56 Rating, Add</i>	613.45	
40 05 19 00-0590	EA		4" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,516.31	289.42
			<i>For Class 52 Rating, Deduct</i>	-228.56	
			<i>For Class 54 Rating, Add</i>	316.93	
			<i>For Class 55 Rating, Add</i>	473.88	
			<i>For Class 56 Rating, Add</i>	628.74	
40 05 19 00-0591	EA		4" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,572.38	292.59
			<i>For Class 52 Rating, Deduct</i>	-234.20	
			<i>For Class 54 Rating, Add</i>	324.68	
			<i>For Class 55 Rating, Add</i>	485.42	
			<i>For Class 56 Rating, Add</i>	644.03	
40 05 19 00-0592	EA		4" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,628.44	295.77
			<i>For Class 52 Rating, Deduct</i>	-239.84	
			<i>For Class 54 Rating, Add</i>	332.43	
			<i>For Class 55 Rating, Add</i>	496.97	
			<i>For Class 56 Rating, Add</i>	659.33	
40 05 19 00-0593	EA		4" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,684.51	298.94
			<i>For Class 52 Rating, Deduct</i>	-245.47	
			<i>For Class 54 Rating, Add</i>	340.17	
			<i>For Class 55 Rating, Add</i>	508.51	
			<i>For Class 56 Rating, Add</i>	674.62	
40 05 19 00-0594	EA		4" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,740.57	302.11
			<i>For Class 52 Rating, Deduct</i>	-251.11	
			<i>For Class 54 Rating, Add</i>	347.92	
			<i>For Class 55 Rating, Add</i>	520.06	
			<i>For Class 56 Rating, Add</i>	689.91	
40 05 19 00-0595			6" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0554)</small>		
40 05 19 00-0596	EA		6" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	762.15	228.48
			<i>For Class 52 Rating, Deduct</i>	-45.76	
			<i>For Class 54 Rating, Add</i>	66.55	
			<i>For Class 55 Rating, Add</i>	101.07	
			<i>For Class 56 Rating, Add</i>	135.17	
40 05 19 00-0597	EA		6" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	830.04	231.66
			<i>For Class 52 Rating, Deduct</i>	-52.69	
			<i>For Class 54 Rating, Add</i>	76.07	
			<i>For Class 55 Rating, Add</i>	115.25	
			<i>For Class 56 Rating, Add</i>	153.95	
40 05 19 00-0598	EA		6" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	897.93	234.83
			<i>For Class 52 Rating, Deduct</i>	-59.63	
			<i>For Class 54 Rating, Add</i>	85.59	
			<i>For Class 55 Rating, Add</i>	129.43	
			<i>For Class 56 Rating, Add</i>	172.73	
40 05 19 00-0599	EA		6" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	965.83	238.00
			<i>For Class 52 Rating, Deduct</i>	-66.57	
			<i>For Class 54 Rating, Add</i>	95.11	
			<i>For Class 55 Rating, Add</i>	143.62	
			<i>For Class 56 Rating, Add</i>	191.52	
40 05 19 00-0600	EA		6" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,033.72	241.18
			<i>For Class 52 Rating, Deduct</i>	-73.51	
			<i>For Class 54 Rating, Add</i>	104.63	
			<i>For Class 55 Rating, Add</i>	157.80	
			<i>For Class 56 Rating, Add</i>	210.30	
40 05 19 00-0601	EA		6" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,101.60	244.36
			<i>For Class 52 Rating, Deduct</i>	-80.45	
			<i>For Class 54 Rating, Add</i>	114.15	
			<i>For Class 55 Rating, Add</i>	171.98	
			<i>For Class 56 Rating, Add</i>	229.08	
40 05 19 00-0602	EA		6" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,169.50	247.53
			<i>For Class 52 Rating, Deduct</i>	-87.39	
			<i>For Class 54 Rating, Add</i>	123.67	
			<i>For Class 55 Rating, Add</i>	186.17	
			<i>For Class 56 Rating, Add</i>	247.87	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0603 EA 6" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,237.39	250.70
<i>For Class 52 Rating, Deduct</i>	-94.33	
<i>For Class 54 Rating, Add</i>	133.19	
<i>For Class 55 Rating, Add</i>	200.35	
<i>For Class 56 Rating, Add</i>	266.65	
40 05 19 00-0604 EA 6" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,305.29	253.87
<i>For Class 52 Rating, Deduct</i>	-101.27	
<i>For Class 54 Rating, Add</i>	142.71	
<i>For Class 55 Rating, Add</i>	214.53	
<i>For Class 56 Rating, Add</i>	285.43	
40 05 19 00-0605 EA 6" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,373.17	257.05
<i>For Class 52 Rating, Deduct</i>	-108.21	
<i>For Class 54 Rating, Add</i>	152.23	
<i>For Class 55 Rating, Add</i>	228.71	
<i>For Class 56 Rating, Add</i>	304.22	
40 05 19 00-0606 EA 6" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,441.06	260.22
<i>For Class 52 Rating, Deduct</i>	-115.15	
<i>For Class 54 Rating, Add</i>	161.75	
<i>For Class 55 Rating, Add</i>	242.90	
<i>For Class 56 Rating, Add</i>	323.00	
40 05 19 00-0607 EA 6" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,508.96	263.39
<i>For Class 52 Rating, Deduct</i>	-122.09	
<i>For Class 54 Rating, Add</i>	171.27	
<i>For Class 55 Rating, Add</i>	257.08	
<i>For Class 56 Rating, Add</i>	341.78	
40 05 19 00-0608 EA 6" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,576.85	266.56
<i>For Class 52 Rating, Deduct</i>	-129.03	
<i>For Class 54 Rating, Add</i>	180.79	
<i>For Class 55 Rating, Add</i>	271.26	
<i>For Class 56 Rating, Add</i>	360.56	
40 05 19 00-0609 EA 6" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,644.74	269.74
<i>For Class 52 Rating, Deduct</i>	-135.96	
<i>For Class 54 Rating, Add</i>	190.31	
<i>For Class 55 Rating, Add</i>	285.45	
<i>For Class 56 Rating, Add</i>	379.35	
40 05 19 00-0610 EA 6" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,712.64	272.91
<i>For Class 52 Rating, Deduct</i>	-142.90	
<i>For Class 54 Rating, Add</i>	199.83	
<i>For Class 55 Rating, Add</i>	299.63	
<i>For Class 56 Rating, Add</i>	398.13	
40 05 19 00-0611 EA 6" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,780.52	276.09
<i>For Class 52 Rating, Deduct</i>	-149.84	
<i>For Class 54 Rating, Add</i>	209.35	
<i>For Class 55 Rating, Add</i>	313.81	
<i>For Class 56 Rating, Add</i>	416.91	
40 05 19 00-0612 EA 6" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,848.41	279.26
<i>For Class 52 Rating, Deduct</i>	-156.78	
<i>For Class 54 Rating, Add</i>	218.87	
<i>For Class 55 Rating, Add</i>	327.99	
<i>For Class 56 Rating, Add</i>	435.69	
40 05 19 00-0613 EA 6" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,916.31	282.44
<i>For Class 52 Rating, Deduct</i>	-163.72	
<i>For Class 54 Rating, Add</i>	228.39	
<i>For Class 55 Rating, Add</i>	342.18	
<i>For Class 56 Rating, Add</i>	454.48	
40 05 19 00-0614 EA 6" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,984.20	285.61
<i>For Class 52 Rating, Deduct</i>	-170.66	
<i>For Class 54 Rating, Add</i>	237.91	
<i>For Class 55 Rating, Add</i>	356.36	
<i>For Class 56 Rating, Add</i>	473.26	
40 05 19 00-0615 EA 6" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,052.09	288.78
<i>For Class 52 Rating, Deduct</i>	-177.60	
<i>For Class 54 Rating, Add</i>	247.43	
<i>For Class 55 Rating, Add</i>	370.54	
<i>For Class 56 Rating, Add</i>	492.04	
40 05 19 00-0616 EA 6" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,119.99	291.95
<i>For Class 52 Rating, Deduct</i>	-184.54	
<i>For Class 54 Rating, Add</i>	256.95	
<i>For Class 55 Rating, Add</i>	384.73	
<i>For Class 56 Rating, Add</i>	510.83	
40 05 19 00-0617 EA 6" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,187.87	295.13
<i>For Class 52 Rating, Deduct</i>	-191.48	
<i>For Class 54 Rating, Add</i>	266.47	
<i>For Class 55 Rating, Add</i>	398.91	
<i>For Class 56 Rating, Add</i>	529.61	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0618	EA		6" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,255.76	298.30
			For Class 52 Rating, Deduct	-198.42	
			For Class 54 Rating, Add	275.99	
			For Class 55 Rating, Add	413.09	
			For Class 56 Rating, Add	548.39	
40 05 19 00-0619	EA		6" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,323.66	301.47
			For Class 52 Rating, Deduct	-205.36	
			For Class 54 Rating, Add	285.51	
			For Class 55 Rating, Add	427.28	
			For Class 56 Rating, Add	567.17	
40 05 19 00-0620	EA		6" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,391.55	304.64
			For Class 52 Rating, Deduct	-212.30	
			For Class 54 Rating, Add	295.03	
			For Class 55 Rating, Add	441.46	
			For Class 56 Rating, Add	585.96	
40 05 19 00-0621	EA		6" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,459.43	307.82
			For Class 52 Rating, Deduct	-219.23	
			For Class 54 Rating, Add	304.55	
			For Class 55 Rating, Add	455.64	
			For Class 56 Rating, Add	604.74	
40 05 19 00-0622	EA		6" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,527.33	310.99
			For Class 52 Rating, Deduct	-226.17	
			For Class 54 Rating, Add	314.07	
			For Class 55 Rating, Add	469.83	
			For Class 56 Rating, Add	623.52	
40 05 19 00-0623	EA		6" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,595.22	314.17
			For Class 52 Rating, Deduct	-233.11	
			For Class 54 Rating, Add	323.59	
			For Class 55 Rating, Add	484.01	
			For Class 56 Rating, Add	642.30	
40 05 19 00-0624	EA		6" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,663.12	317.35
			For Class 52 Rating, Deduct	-240.05	
			For Class 54 Rating, Add	333.11	
			For Class 55 Rating, Add	498.19	
			For Class 56 Rating, Add	661.09	
40 05 19 00-0625	EA		6" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,731.01	320.52
			For Class 52 Rating, Deduct	-246.99	
			For Class 54 Rating, Add	342.63	
			For Class 55 Rating, Add	512.37	
			For Class 56 Rating, Add	679.87	
40 05 19 00-0626	EA		6" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,798.90	323.69
			For Class 52 Rating, Deduct	-253.93	
			For Class 54 Rating, Add	352.15	
			For Class 55 Rating, Add	526.56	
			For Class 56 Rating, Add	698.65	
40 05 19 00-0627	EA		6" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,866.80	326.86
			For Class 52 Rating, Deduct	-260.87	
			For Class 54 Rating, Add	361.68	
			For Class 55 Rating, Add	540.74	
			For Class 56 Rating, Add	717.44	
40 05 19 00-0628	EA		6" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,934.69	330.04
			For Class 52 Rating, Deduct	-267.81	
			For Class 54 Rating, Add	371.20	
			For Class 55 Rating, Add	554.92	
			For Class 56 Rating, Add	736.22	
40 05 19 00-0629	EA		6" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,002.57	333.21
			For Class 52 Rating, Deduct	-274.75	
			For Class 54 Rating, Add	380.71	
			For Class 55 Rating, Add	569.11	
			For Class 56 Rating, Add	755.00	
40 05 19 00-0630	EA		6" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,070.47	336.38
			For Class 52 Rating, Deduct	-281.69	
			For Class 54 Rating, Add	390.24	
			For Class 55 Rating, Add	583.29	
			For Class 56 Rating, Add	773.78	
40 05 19 00-0631	EA		6" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,138.35	339.55
			For Class 52 Rating, Deduct	-288.63	
			For Class 54 Rating, Add	399.76	
			For Class 55 Rating, Add	597.47	
			For Class 56 Rating, Add	792.57	
40 05 19 00-0632	EA		6" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,206.24	342.73
			For Class 52 Rating, Deduct	-295.57	
			For Class 54 Rating, Add	409.28	
			For Class 55 Rating, Add	611.65	
			For Class 56 Rating, Add	811.35	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0633 EA 6" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,274.14	345.90
For Class 52 Rating, Deduct	-302.51	
For Class 54 Rating, Add	418.80	
For Class 55 Rating, Add	625.84	
For Class 56 Rating, Add	830.13	
40 05 19 00-0634 EA 6" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,342.03	349.08
For Class 52 Rating, Deduct	-309.44	
For Class 54 Rating, Add	428.32	
For Class 55 Rating, Add	640.02	
For Class 56 Rating, Add	848.91	
40 05 19 00-0635 8" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0554)</small>		
40 05 19 00-0636 EA 8" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,049.54	291.95
For Class 52 Rating, Deduct	-66.79	
For Class 54 Rating, Add	96.39	
For Class 55 Rating, Add	146.02	
For Class 56 Rating, Add	195.04	
40 05 19 00-0637 EA 8" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,141.08	295.13
For Class 52 Rating, Deduct	-76.33	
For Class 54 Rating, Add	109.45	
For Class 55 Rating, Add	165.48	
For Class 56 Rating, Add	220.80	
40 05 19 00-0638 EA 8" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,232.63	298.30
For Class 52 Rating, Deduct	-85.87	
For Class 54 Rating, Add	122.52	
For Class 55 Rating, Add	184.93	
For Class 56 Rating, Add	246.57	
40 05 19 00-0639 EA 8" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,324.18	301.47
For Class 52 Rating, Deduct	-95.41	
For Class 54 Rating, Add	135.59	
For Class 55 Rating, Add	204.39	
For Class 56 Rating, Add	272.33	
40 05 19 00-0640 EA 8" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,415.73	304.64
For Class 52 Rating, Deduct	-104.96	
For Class 54 Rating, Add	148.66	
For Class 55 Rating, Add	223.85	
For Class 56 Rating, Add	298.09	
40 05 19 00-0641 EA 8" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,507.27	307.82
For Class 52 Rating, Deduct	-114.50	
For Class 54 Rating, Add	161.73	
For Class 55 Rating, Add	243.31	
For Class 56 Rating, Add	323.85	
40 05 19 00-0642 EA 8" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,598.82	310.99
For Class 52 Rating, Deduct	-124.04	
For Class 54 Rating, Add	174.80	
For Class 55 Rating, Add	262.77	
For Class 56 Rating, Add	349.61	
40 05 19 00-0643 EA 8" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,690.37	314.17
For Class 52 Rating, Deduct	-133.58	
For Class 54 Rating, Add	187.87	
For Class 55 Rating, Add	282.23	
For Class 56 Rating, Add	375.37	
40 05 19 00-0644 EA 8" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,781.92	317.35
For Class 52 Rating, Deduct	-143.12	
For Class 54 Rating, Add	200.93	
For Class 55 Rating, Add	301.68	
For Class 56 Rating, Add	401.13	
40 05 19 00-0645 EA 8" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,873.47	320.52
For Class 52 Rating, Deduct	-152.66	
For Class 54 Rating, Add	214.00	
For Class 55 Rating, Add	321.14	
For Class 56 Rating, Add	426.90	
40 05 19 00-0646 EA 8" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,965.02	323.69
For Class 52 Rating, Deduct	-162.20	
For Class 54 Rating, Add	227.07	
For Class 55 Rating, Add	340.60	
For Class 56 Rating, Add	452.66	
40 05 19 00-0647 EA 8" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,056.57	326.86
For Class 52 Rating, Deduct	-171.75	
For Class 54 Rating, Add	240.14	
For Class 55 Rating, Add	360.06	
For Class 56 Rating, Add	478.42	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0648	EA		8" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,148.12	330.04
			For Class 52 Rating, Deduct	-181.29	
			For Class 54 Rating, Add	253.21	
			For Class 55 Rating, Add	379.52	
			For Class 56 Rating, Add	504.18	
40 05 19 00-0649	EA		8" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,239.66	333.21
			For Class 52 Rating, Deduct	-190.83	
			For Class 54 Rating, Add	266.28	
			For Class 55 Rating, Add	398.98	
			For Class 56 Rating, Add	529.94	
40 05 19 00-0650	EA		8" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,331.21	336.38
			For Class 52 Rating, Deduct	-200.37	
			For Class 54 Rating, Add	279.35	
			For Class 55 Rating, Add	418.44	
			For Class 56 Rating, Add	555.70	
40 05 19 00-0651	EA		8" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,422.75	339.55
			For Class 52 Rating, Deduct	-209.91	
			For Class 54 Rating, Add	292.42	
			For Class 55 Rating, Add	437.89	
			For Class 56 Rating, Add	581.46	
40 05 19 00-0652	EA		8" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,514.30	342.73
			For Class 52 Rating, Deduct	-219.45	
			For Class 54 Rating, Add	305.48	
			For Class 55 Rating, Add	457.35	
			For Class 56 Rating, Add	607.22	
40 05 19 00-0653	EA		8" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,605.85	345.90
			For Class 52 Rating, Deduct	-228.99	
			For Class 54 Rating, Add	318.55	
			For Class 55 Rating, Add	476.81	
			For Class 56 Rating, Add	632.99	
40 05 19 00-0654	EA		8" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,697.40	349.08
			For Class 52 Rating, Deduct	-238.54	
			For Class 54 Rating, Add	331.62	
			For Class 55 Rating, Add	496.27	
			For Class 56 Rating, Add	658.75	
40 05 19 00-0655	EA		8" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,788.95	352.25
			For Class 52 Rating, Deduct	-248.08	
			For Class 54 Rating, Add	344.69	
			For Class 55 Rating, Add	515.73	
			For Class 56 Rating, Add	684.51	
40 05 19 00-0656	EA		8" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,880.50	355.43
			For Class 52 Rating, Deduct	-257.62	
			For Class 54 Rating, Add	357.76	
			For Class 55 Rating, Add	535.19	
			For Class 56 Rating, Add	710.27	
40 05 19 00-0657	EA		8" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,972.05	358.60
			For Class 52 Rating, Deduct	-267.16	
			For Class 54 Rating, Add	370.83	
			For Class 55 Rating, Add	554.64	
			For Class 56 Rating, Add	736.03	
40 05 19 00-0658	EA		8" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,063.60	361.77
			For Class 52 Rating, Deduct	-276.70	
			For Class 54 Rating, Add	383.90	
			For Class 55 Rating, Add	574.10	
			For Class 56 Rating, Add	761.79	
40 05 19 00-0659	EA		8" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,155.15	364.94
			For Class 52 Rating, Deduct	-286.24	
			For Class 54 Rating, Add	396.97	
			For Class 55 Rating, Add	593.56	
			For Class 56 Rating, Add	787.56	
40 05 19 00-0660	EA		8" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,246.70	368.12
			For Class 52 Rating, Deduct	-295.78	
			For Class 54 Rating, Add	410.03	
			For Class 55 Rating, Add	613.02	
			For Class 56 Rating, Add	813.32	
40 05 19 00-0661	EA		8" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,338.23	371.29
			For Class 52 Rating, Deduct	-305.32	
			For Class 54 Rating, Add	423.10	
			For Class 55 Rating, Add	632.48	
			For Class 56 Rating, Add	839.07	
40 05 19 00-0662	EA		8" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,429.77	374.46
			For Class 52 Rating, Deduct	-314.87	
			For Class 54 Rating, Add	436.17	
			For Class 55 Rating, Add	651.93	
			For Class 56 Rating, Add	864.84	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0663 EA 8" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,521.32	377.63
For Class 52 Rating, Deduct	-324.41	
For Class 54 Rating, Add	449.24	
For Class 55 Rating, Add	671.39	
For Class 56 Rating, Add	890.60	
40 05 19 00-0664 EA 8" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,612.87	380.81
For Class 52 Rating, Deduct	-333.95	
For Class 54 Rating, Add	462.31	
For Class 55 Rating, Add	690.65	
For Class 56 Rating, Add	916.36	
40 05 19 00-0665 EA 8" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,704.42	383.98
For Class 52 Rating, Deduct	-343.49	
For Class 54 Rating, Add	475.38	
For Class 55 Rating, Add	710.31	
For Class 56 Rating, Add	942.12	
40 05 19 00-0666 EA 8" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,795.97	387.16
For Class 52 Rating, Deduct	-353.03	
For Class 54 Rating, Add	488.44	
For Class 55 Rating, Add	729.77	
For Class 56 Rating, Add	967.88	
40 05 19 00-0667 EA 8" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,887.52	390.33
For Class 52 Rating, Deduct	-362.57	
For Class 54 Rating, Add	501.51	
For Class 55 Rating, Add	749.23	
For Class 56 Rating, Add	993.64	
40 05 19 00-0668 EA 8" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,979.07	393.51
For Class 52 Rating, Deduct	-372.11	
For Class 54 Rating, Add	514.58	
For Class 55 Rating, Add	768.68	
For Class 56 Rating, Add	1,019.40	
40 05 19 00-0669 EA 8" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,070.62	396.68
For Class 52 Rating, Deduct	-381.65	
For Class 54 Rating, Add	527.65	
For Class 55 Rating, Add	788.14	
For Class 56 Rating, Add	1,045.17	
40 05 19 00-0670 EA 8" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,162.17	399.85
For Class 52 Rating, Deduct	-391.20	
For Class 54 Rating, Add	540.72	
For Class 55 Rating, Add	807.60	
For Class 56 Rating, Add	1,070.93	
40 05 19 00-0671 EA 8" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,253.72	403.02
For Class 52 Rating, Deduct	-400.74	
For Class 54 Rating, Add	553.79	
For Class 55 Rating, Add	827.06	
For Class 56 Rating, Add	1,096.69	
40 05 19 00-0672 EA 8" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,345.26	406.20
For Class 52 Rating, Deduct	-410.28	
For Class 54 Rating, Add	566.86	
For Class 55 Rating, Add	846.52	
For Class 56 Rating, Add	1,122.45	
40 05 19 00-0673 EA 8" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,436.81	409.37
For Class 52 Rating, Deduct	-419.82	
For Class 54 Rating, Add	579.93	
For Class 55 Rating, Add	865.98	
For Class 56 Rating, Add	1,148.21	
40 05 19 00-0674 EA 8" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,528.35	412.54
For Class 52 Rating, Deduct	-429.36	
For Class 54 Rating, Add	592.99	
For Class 55 Rating, Add	885.44	
For Class 56 Rating, Add	1,173.97	
40 05 19 00-0675 10" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0554)</small>		
40 05 19 00-0676 EA 10" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,315.24	355.43
For Class 52 Rating, Deduct	-85.44	
For Class 54 Rating, Add	122.97	
For Class 55 Rating, Add	186.13	
For Class 56 Rating, Add	248.52	
40 05 19 00-0677 EA 10" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,434.38	358.60
For Class 52 Rating, Deduct	-98.02	
For Class 54 Rating, Add	140.18	
For Class 55 Rating, Add	211.74	
For Class 56 Rating, Add	282.42	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-0678	EA 10" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,553.53	361.77
	For Class 52 Rating, Deduct	-110.59	
	For Class 54 Rating, Add	157.39	
	For Class 55 Rating, Add	237.36	
	For Class 56 Rating, Add	316.32	
40 05 19 00-0679	EA 10" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,672.68	364.94
	For Class 52 Rating, Deduct	-123.17	
	For Class 54 Rating, Add	174.59	
	For Class 55 Rating, Add	262.97	
	For Class 56 Rating, Add	350.23	
40 05 19 00-0680	EA 10" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,791.83	368.12
	For Class 52 Rating, Deduct	-135.75	
	For Class 54 Rating, Add	191.80	
	For Class 55 Rating, Add	288.58	
	For Class 56 Rating, Add	384.13	
40 05 19 00-0681	EA 10" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,910.97	371.29
	For Class 52 Rating, Deduct	-148.33	
	For Class 54 Rating, Add	209.01	
	For Class 55 Rating, Add	314.20	
	For Class 56 Rating, Add	418.03	
40 05 19 00-0682	EA 10" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,030.11	374.46
	For Class 52 Rating, Deduct	-160.90	
	For Class 54 Rating, Add	226.22	
	For Class 55 Rating, Add	339.81	
	For Class 56 Rating, Add	451.94	
40 05 19 00-0683	EA 10" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,149.26	377.63
	For Class 52 Rating, Deduct	-173.48	
	For Class 54 Rating, Add	243.43	
	For Class 55 Rating, Add	365.42	
	For Class 56 Rating, Add	485.84	
40 05 19 00-0684	EA 10" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,268.41	380.81
	For Class 52 Rating, Deduct	-186.06	
	For Class 54 Rating, Add	260.64	
	For Class 55 Rating, Add	391.04	
	For Class 56 Rating, Add	519.74	
40 05 19 00-0685	EA 10" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,387.56	383.98
	For Class 52 Rating, Deduct	-198.63	
	For Class 54 Rating, Add	277.85	
	For Class 55 Rating, Add	416.65	
	For Class 56 Rating, Add	553.65	
40 05 19 00-0686	EA 10" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,506.70	387.16
	For Class 52 Rating, Deduct	-211.21	
	For Class 54 Rating, Add	295.05	
	For Class 55 Rating, Add	442.26	
	For Class 56 Rating, Add	587.55	
40 05 19 00-0687	EA 10" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,625.85	390.33
	For Class 52 Rating, Deduct	-223.79	
	For Class 54 Rating, Add	312.26	
	For Class 55 Rating, Add	467.87	
	For Class 56 Rating, Add	621.45	
40 05 19 00-0688	EA 10" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,745.00	393.51
	For Class 52 Rating, Deduct	-236.37	
	For Class 54 Rating, Add	329.47	
	For Class 55 Rating, Add	493.49	
	For Class 56 Rating, Add	655.35	
40 05 19 00-0689	EA 10" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,864.15	396.68
	For Class 52 Rating, Deduct	-248.94	
	For Class 54 Rating, Add	346.68	
	For Class 55 Rating, Add	519.10	
	For Class 56 Rating, Add	689.26	
40 05 19 00-0690	EA 10" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,983.30	399.85
	For Class 52 Rating, Deduct	-261.52	
	For Class 54 Rating, Add	363.89	
	For Class 55 Rating, Add	544.71	
	For Class 56 Rating, Add	723.16	
40 05 19 00-0691	EA 10" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,102.45	403.02
	For Class 52 Rating, Deduct	-274.10	
	For Class 54 Rating, Add	381.10	
	For Class 55 Rating, Add	570.33	
	For Class 56 Rating, Add	757.06	
40 05 19 00-0692	EA 10" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,221.59	406.20
	For Class 52 Rating, Deduct	-286.68	
	For Class 54 Rating, Add	398.31	
	For Class 55 Rating, Add	595.94	
	For Class 56 Rating, Add	790.97	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0693 EA 10" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,340.74	409.37
For Class 52 Rating, Deduct	-299.25	
For Class 54 Rating, Add	415.52	
For Class 55 Rating, Add	621.55	
For Class 56 Rating, Add	824.87	
40 05 19 00-0694 EA 10" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,459.88	412.54
For Class 52 Rating, Deduct	-311.83	
For Class 54 Rating, Add	432.72	
For Class 55 Rating, Add	647.17	
For Class 56 Rating, Add	858.77	
40 05 19 00-0695 EA 10" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,579.02	415.71
For Class 52 Rating, Deduct	-324.41	
For Class 54 Rating, Add	449.93	
For Class 55 Rating, Add	672.78	
For Class 56 Rating, Add	892.67	
40 05 19 00-0696 EA 10" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,698.17	418.89
For Class 52 Rating, Deduct	-336.98	
For Class 54 Rating, Add	467.14	
For Class 55 Rating, Add	698.39	
For Class 56 Rating, Add	926.58	
40 05 19 00-0697 EA 10" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,817.32	422.06
For Class 52 Rating, Deduct	-349.56	
For Class 54 Rating, Add	484.35	
For Class 55 Rating, Add	724.00	
For Class 56 Rating, Add	960.48	
40 05 19 00-0698 EA 10" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,936.47	425.24
For Class 52 Rating, Deduct	-362.14	
For Class 54 Rating, Add	501.56	
For Class 55 Rating, Add	749.62	
For Class 56 Rating, Add	994.38	
40 05 19 00-0699 EA 10" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,055.62	428.41
For Class 52 Rating, Deduct	-374.72	
For Class 54 Rating, Add	518.77	
For Class 55 Rating, Add	775.23	
For Class 56 Rating, Add	1,028.29	
40 05 19 00-0700 EA 10" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,174.77	431.59
For Class 52 Rating, Deduct	-387.29	
For Class 54 Rating, Add	535.97	
For Class 55 Rating, Add	800.84	
For Class 56 Rating, Add	1,062.19	
40 05 19 00-0701 EA 10" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,293.92	434.76
For Class 52 Rating, Deduct	-399.87	
For Class 54 Rating, Add	553.18	
For Class 55 Rating, Add	826.46	
For Class 56 Rating, Add	1,096.10	
40 05 19 00-0702 EA 10" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,413.06	437.93
For Class 52 Rating, Deduct	-412.45	
For Class 54 Rating, Add	570.39	
For Class 55 Rating, Add	852.07	
For Class 56 Rating, Add	1,130.00	
40 05 19 00-0703 EA 10" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,532.21	441.10
For Class 52 Rating, Deduct	-425.03	
For Class 54 Rating, Add	587.60	
For Class 55 Rating, Add	877.68	
For Class 56 Rating, Add	1,163.90	
40 05 19 00-0704 EA 10" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,651.35	444.28
For Class 52 Rating, Deduct	-437.60	
For Class 54 Rating, Add	604.81	
For Class 55 Rating, Add	903.29	
For Class 56 Rating, Add	1,197.80	
40 05 19 00-0705 EA 10" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,770.50	447.45
For Class 52 Rating, Deduct	-450.18	
For Class 54 Rating, Add	622.02	
For Class 55 Rating, Add	928.91	
For Class 56 Rating, Add	1,231.71	
40 05 19 00-0706 EA 10" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,889.64	450.62
For Class 52 Rating, Deduct	-462.76	
For Class 54 Rating, Add	639.23	
For Class 55 Rating, Add	954.52	
For Class 56 Rating, Add	1,265.61	
40 05 19 00-0707 EA 10" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,008.79	453.79
For Class 52 Rating, Deduct	-475.33	
For Class 54 Rating, Add	656.43	
For Class 55 Rating, Add	980.13	
For Class 56 Rating, Add	1,299.51	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

40 05 19 00-0708	EA	10" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,127.94	456.97
		<i>For Class 52 Rating, Deduct</i>	-487.91	
		<i>For Class 54 Rating, Add</i>	673.64	
		<i>For Class 55 Rating, Add</i>	1,005.75	
		<i>For Class 56 Rating, Add</i>	1,333.42	
40 05 19 00-0709	EA	10" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,247.09	460.15
		<i>For Class 52 Rating, Deduct</i>	-500.49	
		<i>For Class 54 Rating, Add</i>	690.85	
		<i>For Class 55 Rating, Add</i>	1,031.36	
		<i>For Class 56 Rating, Add</i>	1,367.32	
40 05 19 00-0710	EA	10" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,366.24	463.32
		<i>For Class 52 Rating, Deduct</i>	-513.07	
		<i>For Class 54 Rating, Add</i>	708.06	
		<i>For Class 55 Rating, Add</i>	1,056.97	
		<i>For Class 56 Rating, Add</i>	1,401.22	
40 05 19 00-0711	EA	10" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,485.39	466.49
		<i>For Class 52 Rating, Deduct</i>	-525.64	
		<i>For Class 54 Rating, Add</i>	725.27	
		<i>For Class 55 Rating, Add</i>	1,082.59	
		<i>For Class 56 Rating, Add</i>	1,435.13	
40 05 19 00-0712	EA	10" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,604.53	469.67
		<i>For Class 52 Rating, Deduct</i>	-538.22	
		<i>For Class 54 Rating, Add</i>	742.48	
		<i>For Class 55 Rating, Add</i>	1,108.20	
		<i>For Class 56 Rating, Add</i>	1,469.03	
40 05 19 00-0713	EA	10" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,723.67	472.84
		<i>For Class 52 Rating, Deduct</i>	-550.80	
		<i>For Class 54 Rating, Add</i>	759.68	
		<i>For Class 55 Rating, Add</i>	1,133.81	
		<i>For Class 56 Rating, Add</i>	1,502.93	
40 05 19 00-0714	EA	10" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,842.82	476.01
		<i>For Class 52 Rating, Deduct</i>	-563.37	
		<i>For Class 54 Rating, Add</i>	776.89	
		<i>For Class 55 Rating, Add</i>	1,159.42	
		<i>For Class 56 Rating, Add</i>	1,536.83	
40 05 19 00-0715		12" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0554)</small>		
40 05 19 00-0716	EA	12" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,702.20	444.28
		<i>For Class 52 Rating, Deduct</i>	-113.20	
		<i>For Class 54 Rating, Add</i>	162.44	
		<i>For Class 55 Rating, Add</i>	245.63	
		<i>For Class 56 Rating, Add</i>	327.80	
40 05 19 00-0717	EA	12" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,850.92	447.45
		<i>For Class 52 Rating, Deduct</i>	-129.03	
		<i>For Class 54 Rating, Add</i>	184.08	
		<i>For Class 55 Rating, Add</i>	277.84	
		<i>For Class 56 Rating, Add</i>	370.43	
40 05 19 00-0718	EA	12" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,999.63	450.62
		<i>For Class 52 Rating, Deduct</i>	-144.86	
		<i>For Class 54 Rating, Add</i>	205.72	
		<i>For Class 55 Rating, Add</i>	310.05	
		<i>For Class 56 Rating, Add</i>	413.06	
40 05 19 00-0719	EA	12" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,148.35	453.79
		<i>For Class 52 Rating, Deduct</i>	-160.69	
		<i>For Class 54 Rating, Add</i>	227.37	
		<i>For Class 55 Rating, Add</i>	342.26	
		<i>For Class 56 Rating, Add</i>	455.68	
40 05 19 00-0720	EA	12" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,297.07	456.97
		<i>For Class 52 Rating, Deduct</i>	-176.52	
		<i>For Class 54 Rating, Add</i>	249.01	
		<i>For Class 55 Rating, Add</i>	374.46	
		<i>For Class 56 Rating, Add</i>	498.31	
40 05 19 00-0721	EA	12" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,445.79	460.15
		<i>For Class 52 Rating, Deduct</i>	-192.35	
		<i>For Class 54 Rating, Add</i>	270.66	
		<i>For Class 55 Rating, Add</i>	406.67	
		<i>For Class 56 Rating, Add</i>	540.94	
40 05 19 00-0722	EA	12" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,594.51	463.32
		<i>For Class 52 Rating, Deduct</i>	-208.18	
		<i>For Class 54 Rating, Add</i>	292.30	
		<i>For Class 55 Rating, Add</i>	438.88	
		<i>For Class 56 Rating, Add</i>	583.56	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0723 EA 12" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,743.22	466.49
For Class 52 Rating, Deduct	-224.01	
For Class 54 Rating, Add	313.94	
For Class 55 Rating, Add	471.08	
For Class 56 Rating, Add	626.19	
40 05 19 00-0724 EA 12" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,891.93	469.67
For Class 52 Rating, Deduct	-239.84	
For Class 54 Rating, Add	335.59	
For Class 55 Rating, Add	503.29	
For Class 56 Rating, Add	668.81	
40 05 19 00-0725 EA 12" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,040.65	472.84
For Class 52 Rating, Deduct	-255.67	
For Class 54 Rating, Add	357.23	
For Class 55 Rating, Add	535.50	
For Class 56 Rating, Add	711.44	
40 05 19 00-0726 EA 12" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,189.37	476.01
For Class 52 Rating, Deduct	-271.50	
For Class 54 Rating, Add	378.88	
For Class 55 Rating, Add	567.70	
For Class 56 Rating, Add	754.07	
40 05 19 00-0727 EA 12" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,338.09	479.19
For Class 52 Rating, Deduct	-287.33	
For Class 54 Rating, Add	400.52	
For Class 55 Rating, Add	599.91	
For Class 56 Rating, Add	796.69	
40 05 19 00-0728 EA 12" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,486.81	482.36
For Class 52 Rating, Deduct	-303.16	
For Class 54 Rating, Add	422.16	
For Class 55 Rating, Add	632.12	
For Class 56 Rating, Add	839.32	
40 05 19 00-0729 EA 12" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,635.53	485.53
For Class 52 Rating, Deduct	-318.99	
For Class 54 Rating, Add	443.81	
For Class 55 Rating, Add	664.33	
For Class 56 Rating, Add	881.95	
40 05 19 00-0730 EA 12" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,784.25	488.70
For Class 52 Rating, Deduct	-334.82	
For Class 54 Rating, Add	465.45	
For Class 55 Rating, Add	696.53	
For Class 56 Rating, Add	924.57	
40 05 19 00-0731 EA 12" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,932.96	491.88
For Class 52 Rating, Deduct	-350.65	
For Class 54 Rating, Add	487.10	
For Class 55 Rating, Add	728.74	
For Class 56 Rating, Add	967.20	
40 05 19 00-0732 EA 12" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,081.68	495.05
For Class 52 Rating, Deduct	-366.48	
For Class 54 Rating, Add	508.74	
For Class 55 Rating, Add	760.95	
For Class 56 Rating, Add	1,009.82	
40 05 19 00-0733 EA 12" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,230.40	498.23
For Class 52 Rating, Deduct	-382.31	
For Class 54 Rating, Add	530.39	
For Class 55 Rating, Add	793.16	
For Class 56 Rating, Add	1,052.45	
40 05 19 00-0734 EA 12" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,379.11	501.40
For Class 52 Rating, Deduct	-398.14	
For Class 54 Rating, Add	552.03	
For Class 55 Rating, Add	825.36	
For Class 56 Rating, Add	1,095.08	
40 05 19 00-0735 EA 12" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,527.83	504.58
For Class 52 Rating, Deduct	-413.97	
For Class 54 Rating, Add	573.67	
For Class 55 Rating, Add	857.57	
For Class 56 Rating, Add	1,137.70	
40 05 19 00-0736 EA 12" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,676.55	507.75
For Class 52 Rating, Deduct	-429.80	
For Class 54 Rating, Add	595.32	
For Class 55 Rating, Add	889.78	
For Class 56 Rating, Add	1,180.33	
40 05 19 00-0737 EA 12" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,825.26	510.92
For Class 52 Rating, Deduct	-445.63	
For Class 54 Rating, Add	616.96	
For Class 55 Rating, Add	921.98	
For Class 56 Rating, Add	1,222.95	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-0738	EA 12" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,973.98	514.09
	For Class 52 Rating, Deduct	-461.46	
	For Class 54 Rating, Add	638.60	
	For Class 55 Rating, Add	954.19	
	For Class 56 Rating, Add	1,265.58	
40 05 19 00-0739	EA 12" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,122.70	517.27
	For Class 52 Rating, Deduct	-477.29	
	For Class 54 Rating, Add	660.25	
	For Class 55 Rating, Add	986.40	
	For Class 56 Rating, Add	1,308.21	
40 05 19 00-0740	EA 12" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,271.42	520.44
	For Class 52 Rating, Deduct	-493.12	
	For Class 54 Rating, Add	681.89	
	For Class 55 Rating, Add	1,018.61	
	For Class 56 Rating, Add	1,350.83	
40 05 19 00-0741	EA 12" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,420.14	523.61
	For Class 52 Rating, Deduct	-508.95	
	For Class 54 Rating, Add	703.54	
	For Class 55 Rating, Add	1,050.81	
	For Class 56 Rating, Add	1,393.46	
40 05 19 00-0742	EA 12" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,568.86	526.78
	For Class 52 Rating, Deduct	-524.78	
	For Class 54 Rating, Add	725.18	
	For Class 55 Rating, Add	1,083.02	
	For Class 56 Rating, Add	1,436.09	
40 05 19 00-0743	EA 12" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,717.57	529.96
	For Class 52 Rating, Deduct	-540.61	
	For Class 54 Rating, Add	746.83	
	For Class 55 Rating, Add	1,115.23	
	For Class 56 Rating, Add	1,478.71	
40 05 19 00-0744	EA 12" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,866.28	533.14
	For Class 52 Rating, Deduct	-556.44	
	For Class 54 Rating, Add	768.47	
	For Class 55 Rating, Add	1,147.43	
	For Class 56 Rating, Add	1,521.34	
40 05 19 00-0745	EA 12" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,015.00	536.31
	For Class 52 Rating, Deduct	-572.27	
	For Class 54 Rating, Add	790.11	
	For Class 55 Rating, Add	1,179.64	
	For Class 56 Rating, Add	1,563.97	
40 05 19 00-0746	EA 12" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,163.72	539.48
	For Class 52 Rating, Deduct	-588.10	
	For Class 54 Rating, Add	811.76	
	For Class 55 Rating, Add	1,211.85	
	For Class 56 Rating, Add	1,606.59	
40 05 19 00-0747	EA 12" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,312.44	542.66
	For Class 52 Rating, Deduct	-603.93	
	For Class 54 Rating, Add	833.40	
	For Class 55 Rating, Add	1,244.06	
	For Class 56 Rating, Add	1,649.22	
40 05 19 00-0748	EA 12" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,461.16	545.83
	For Class 52 Rating, Deduct	-619.76	
	For Class 54 Rating, Add	855.05	
	For Class 55 Rating, Add	1,276.26	
	For Class 56 Rating, Add	1,691.85	
40 05 19 00-0749	EA 12" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,609.88	549.00
	For Class 52 Rating, Deduct	-635.59	
	For Class 54 Rating, Add	876.69	
	For Class 55 Rating, Add	1,308.47	
	For Class 56 Rating, Add	1,734.47	
40 05 19 00-0750	EA 12" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,758.60	552.17
	For Class 52 Rating, Deduct	-651.42	
	For Class 54 Rating, Add	898.34	
	For Class 55 Rating, Add	1,340.68	
	For Class 56 Rating, Add	1,777.10	
40 05 19 00-0751	EA 12" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,907.31	555.35
	For Class 52 Rating, Deduct	-667.25	
	For Class 54 Rating, Add	919.98	
	For Class 55 Rating, Add	1,372.88	
	For Class 56 Rating, Add	1,819.72	
40 05 19 00-0752	EA 12" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,056.03	558.52
	For Class 52 Rating, Deduct	-683.08	
	For Class 54 Rating, Add	941.62	
	For Class 55 Rating, Add	1,405.09	
	For Class 56 Rating, Add	1,862.35	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0753 EA 12" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,204.75	561.69
For Class 52 Rating, Deduct	-698.91	
For Class 54 Rating, Add	963.27	
For Class 55 Rating, Add	1,437.30	
For Class 56 Rating, Add	1,904.98	
40 05 19 00-0754 EA 12" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,353.46	564.86
For Class 52 Rating, Deduct	-714.74	
For Class 54 Rating, Add	984.91	
For Class 55 Rating, Add	1,469.51	
For Class 56 Rating, Add	1,947.60	
40 05 19 00-0755 14" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0554)</small>		
40 05 19 00-0756 EA 14" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,345.43	533.14
For Class 52 Rating, Deduct	-169.14	
For Class 54 Rating, Add	240.34	
For Class 55 Rating, Add	362.28	
For Class 56 Rating, Add	482.69	
40 05 19 00-0757 EA 14" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,525.69	536.31
For Class 52 Rating, Deduct	-188.44	
For Class 54 Rating, Add	266.72	
For Class 55 Rating, Add	401.53	
For Class 56 Rating, Add	534.62	
40 05 19 00-0758 EA 14" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,705.95	539.48
For Class 52 Rating, Deduct	-207.74	
For Class 54 Rating, Add	293.09	
For Class 55 Rating, Add	440.77	
For Class 56 Rating, Add	586.55	
40 05 19 00-0759 EA 14" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,886.21	542.66
For Class 52 Rating, Deduct	-227.04	
For Class 54 Rating, Add	319.47	
For Class 55 Rating, Add	480.01	
For Class 56 Rating, Add	638.48	
40 05 19 00-0760 EA 14" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,066.47	545.83
For Class 52 Rating, Deduct	-246.34	
For Class 54 Rating, Add	345.84	
For Class 55 Rating, Add	519.25	
For Class 56 Rating, Add	690.41	
40 05 19 00-0761 EA 14" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,246.74	549.00
For Class 52 Rating, Deduct	-265.64	
For Class 54 Rating, Add	372.22	
For Class 55 Rating, Add	558.49	
For Class 56 Rating, Add	742.35	
40 05 19 00-0762 EA 14" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,427.00	552.17
For Class 52 Rating, Deduct	-284.94	
For Class 54 Rating, Add	398.60	
For Class 55 Rating, Add	597.73	
For Class 56 Rating, Add	794.28	
40 05 19 00-0763 EA 14" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,607.26	555.35
For Class 52 Rating, Deduct	-304.24	
For Class 54 Rating, Add	424.97	
For Class 55 Rating, Add	636.97	
For Class 56 Rating, Add	846.21	
40 05 19 00-0764 EA 14" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,787.52	558.52
For Class 52 Rating, Deduct	-323.54	
For Class 54 Rating, Add	451.35	
For Class 55 Rating, Add	676.21	
For Class 56 Rating, Add	898.14	
40 05 19 00-0765 EA 14" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,967.78	561.69
For Class 52 Rating, Deduct	-342.84	
For Class 54 Rating, Add	477.72	
For Class 55 Rating, Add	715.45	
For Class 56 Rating, Add	950.07	
40 05 19 00-0766 EA 14" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,148.03	564.86
For Class 52 Rating, Deduct	-362.14	
For Class 54 Rating, Add	504.10	
For Class 55 Rating, Add	754.69	
For Class 56 Rating, Add	1,002.00	
40 05 19 00-0767 EA 14" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,328.28	568.04
For Class 52 Rating, Deduct	-381.44	
For Class 54 Rating, Add	530.47	
For Class 55 Rating, Add	793.94	
For Class 56 Rating, Add	1,053.93	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-0768	EA	14" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,508.54	571.22
		<i>For Class 52 Rating, Deduct</i>	-400.74	
		<i>For Class 54 Rating, Add</i>	556.85	
		<i>For Class 55 Rating, Add</i>	833.18	
		<i>For Class 56 Rating, Add</i>	1,105.86	
40 05 19 00-0769	EA	14" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,688.80	574.39
		<i>For Class 52 Rating, Deduct</i>	-420.04	
		<i>For Class 54 Rating, Add</i>	583.22	
		<i>For Class 55 Rating, Add</i>	872.42	
		<i>For Class 56 Rating, Add</i>	1,157.79	
40 05 19 00-0770	EA	14" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,869.07	577.56
		<i>For Class 52 Rating, Deduct</i>	-439.34	
		<i>For Class 54 Rating, Add</i>	609.60	
		<i>For Class 55 Rating, Add</i>	911.66	
		<i>For Class 56 Rating, Add</i>	1,209.73	
40 05 19 00-0771	EA	14" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,049.33	580.74
		<i>For Class 52 Rating, Deduct</i>	-458.64	
		<i>For Class 54 Rating, Add</i>	635.97	
		<i>For Class 55 Rating, Add</i>	950.90	
		<i>For Class 56 Rating, Add</i>	1,261.66	
40 05 19 00-0772	EA	14" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,229.59	583.91
		<i>For Class 52 Rating, Deduct</i>	-477.94	
		<i>For Class 54 Rating, Add</i>	662.35	
		<i>For Class 55 Rating, Add</i>	990.14	
		<i>For Class 56 Rating, Add</i>	1,313.59	
40 05 19 00-0773	EA	14" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,409.85	587.08
		<i>For Class 52 Rating, Deduct</i>	-497.24	
		<i>For Class 54 Rating, Add</i>	688.72	
		<i>For Class 55 Rating, Add</i>	1,029.38	
		<i>For Class 56 Rating, Add</i>	1,365.52	
40 05 19 00-0774	EA	14" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,590.11	590.25
		<i>For Class 52 Rating, Deduct</i>	-516.54	
		<i>For Class 54 Rating, Add</i>	715.10	
		<i>For Class 55 Rating, Add</i>	1,068.62	
		<i>For Class 56 Rating, Add</i>	1,417.45	
40 05 19 00-0775	EA	14" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,770.37	593.43
		<i>For Class 52 Rating, Deduct</i>	-535.84	
		<i>For Class 54 Rating, Add</i>	741.47	
		<i>For Class 55 Rating, Add</i>	1,107.86	
		<i>For Class 56 Rating, Add</i>	1,469.38	
40 05 19 00-0776	EA	14" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,950.62	596.60
		<i>For Class 52 Rating, Deduct</i>	-555.13	
		<i>For Class 54 Rating, Add</i>	767.85	
		<i>For Class 55 Rating, Add</i>	1,147.10	
		<i>For Class 56 Rating, Add</i>	1,521.31	
40 05 19 00-0777	EA	14" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,130.88	599.77
		<i>For Class 52 Rating, Deduct</i>	-574.43	
		<i>For Class 54 Rating, Add</i>	794.22	
		<i>For Class 55 Rating, Add</i>	1,186.34	
		<i>For Class 56 Rating, Add</i>	1,573.24	
40 05 19 00-0778	EA	14" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,311.14	602.94
		<i>For Class 52 Rating, Deduct</i>	-593.73	
		<i>For Class 54 Rating, Add</i>	820.60	
		<i>For Class 55 Rating, Add</i>	1,225.59	
		<i>For Class 56 Rating, Add</i>	1,625.17	
40 05 19 00-0779	EA	14" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,491.40	606.13
		<i>For Class 52 Rating, Deduct</i>	-613.03	
		<i>For Class 54 Rating, Add</i>	846.97	
		<i>For Class 55 Rating, Add</i>	1,264.83	
		<i>For Class 56 Rating, Add</i>	1,677.11	
40 05 19 00-0780	EA	14" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,671.66	609.30
		<i>For Class 52 Rating, Deduct</i>	-632.33	
		<i>For Class 54 Rating, Add</i>	873.35	
		<i>For Class 55 Rating, Add</i>	1,304.07	
		<i>For Class 56 Rating, Add</i>	1,729.04	
40 05 19 00-0781	EA	14" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,851.92	612.47
		<i>For Class 52 Rating, Deduct</i>	-651.63	
		<i>For Class 54 Rating, Add</i>	899.73	
		<i>For Class 55 Rating, Add</i>	1,343.31	
		<i>For Class 56 Rating, Add</i>	1,780.97	
40 05 19 00-0782	EA	14" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,032.18	615.64
		<i>For Class 52 Rating, Deduct</i>	-670.93	
		<i>For Class 54 Rating, Add</i>	926.10	
		<i>For Class 55 Rating, Add</i>	1,382.55	
		<i>For Class 56 Rating, Add</i>	1,832.90	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0783 EA 14" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,212.44	618.82
For Class 52 Rating, Deduct	-690.23	
For Class 54 Rating, Add	952.48	
For Class 55 Rating, Add	1,421.79	
For Class 56 Rating, Add	1,884.83	
40 05 19 00-0784 EA 14" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,392.70	621.99
For Class 52 Rating, Deduct	-709.53	
For Class 54 Rating, Add	978.85	
For Class 55 Rating, Add	1,461.03	
For Class 56 Rating, Add	1,936.76	
40 05 19 00-0785 EA 14" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,572.96	625.16
For Class 52 Rating, Deduct	-728.83	
For Class 54 Rating, Add	1,005.23	
For Class 55 Rating, Add	1,500.27	
For Class 56 Rating, Add	1,988.69	
40 05 19 00-0786 EA 14" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,753.22	628.33
For Class 52 Rating, Deduct	-748.13	
For Class 54 Rating, Add	1,031.60	
For Class 55 Rating, Add	1,539.51	
For Class 56 Rating, Add	2,040.62	
40 05 19 00-0787 EA 14" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,933.47	631.51
For Class 52 Rating, Deduct	-767.43	
For Class 54 Rating, Add	1,057.98	
For Class 55 Rating, Add	1,578.75	
For Class 56 Rating, Add	2,092.55	
40 05 19 00-0788 EA 14" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,113.73	634.68
For Class 52 Rating, Deduct	-786.73	
For Class 54 Rating, Add	1,084.35	
For Class 55 Rating, Add	1,618.00	
For Class 56 Rating, Add	2,144.49	
40 05 19 00-0789 EA 14" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,294.00	637.85
For Class 52 Rating, Deduct	-806.03	
For Class 54 Rating, Add	1,110.73	
For Class 55 Rating, Add	1,657.24	
For Class 56 Rating, Add	2,196.42	
40 05 19 00-0790 EA 14" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,474.26	641.03
For Class 52 Rating, Deduct	-825.33	
For Class 54 Rating, Add	1,137.11	
For Class 55 Rating, Add	1,696.48	
For Class 56 Rating, Add	2,248.35	
40 05 19 00-0791 EA 14" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,654.52	644.21
For Class 52 Rating, Deduct	-844.63	
For Class 54 Rating, Add	1,163.48	
For Class 55 Rating, Add	1,735.72	
For Class 56 Rating, Add	2,300.28	
40 05 19 00-0792 EA 14" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,834.77	647.38
For Class 52 Rating, Deduct	-863.93	
For Class 54 Rating, Add	1,189.86	
For Class 55 Rating, Add	1,774.96	
For Class 56 Rating, Add	2,352.21	
40 05 19 00-0793 EA 14" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,015.03	650.55
For Class 52 Rating, Deduct	-883.23	
For Class 54 Rating, Add	1,216.23	
For Class 55 Rating, Add	1,814.20	
For Class 56 Rating, Add	2,404.14	
40 05 19 00-0794 16" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0554)</small>		
40 05 19 00-0795 EA 16" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,742.74	609.30
For Class 52 Rating, Deduct	-200.15	
For Class 54 Rating, Add	284.01	
For Class 55 Rating, Add	427.92	
For Class 56 Rating, Add	570.01	
40 05 19 00-0796 EA 16" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,952.57	612.47
For Class 52 Rating, Deduct	-222.70	
For Class 54 Rating, Add	314.82	
For Class 55 Rating, Add	473.76	
For Class 56 Rating, Add	630.66	
40 05 19 00-0797 EA 16" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,162.40	615.64
For Class 52 Rating, Deduct	-245.26	
For Class 54 Rating, Add	345.63	
For Class 55 Rating, Add	519.59	
For Class 56 Rating, Add	691.32	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-0798	EA 16" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,372.23	618.82
	For Class 52 Rating, Deduct	-267.81	
	For Class 54 Rating, Add	376.45	
	For Class 55 Rating, Add	565.42	
	For Class 56 Rating, Add	751.97	
40 05 19 00-0799	EA 16" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,582.06	621.99
	For Class 52 Rating, Deduct	-290.36	
	For Class 54 Rating, Add	407.26	
	For Class 55 Rating, Add	611.26	
	For Class 56 Rating, Add	812.62	
40 05 19 00-0800	EA 16" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,791.89	625.16
	For Class 52 Rating, Deduct	-312.91	
	For Class 54 Rating, Add	438.07	
	For Class 55 Rating, Add	657.09	
	For Class 56 Rating, Add	873.28	
40 05 19 00-0801	EA 16" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,001.72	628.33
	For Class 52 Rating, Deduct	-335.47	
	For Class 54 Rating, Add	468.88	
	For Class 55 Rating, Add	702.93	
	For Class 56 Rating, Add	933.93	
40 05 19 00-0802	EA 16" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,211.55	631.51
	For Class 52 Rating, Deduct	-358.02	
	For Class 54 Rating, Add	499.69	
	For Class 55 Rating, Add	748.77	
	For Class 56 Rating, Add	994.59	
40 05 19 00-0803	EA 16" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,421.38	634.68
	For Class 52 Rating, Deduct	-380.57	
	For Class 54 Rating, Add	530.50	
	For Class 55 Rating, Add	794.60	
	For Class 56 Rating, Add	1,055.24	
40 05 19 00-0804	EA 16" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,611.49	637.85
	For Class 52 Rating, Deduct	-400.95	
	For Class 54 Rating, Add	558.35	
	For Class 55 Rating, Add	836.04	
	For Class 56 Rating, Add	1,110.08	
40 05 19 00-0805	EA 16" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,841.04	641.03
	For Class 52 Rating, Deduct	-425.68	
	For Class 54 Rating, Add	592.12	
	For Class 55 Rating, Add	886.27	
	For Class 56 Rating, Add	1,176.55	
40 05 19 00-0806	EA 16" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,050.87	644.21
	For Class 52 Rating, Deduct	-448.23	
	For Class 54 Rating, Add	622.93	
	For Class 55 Rating, Add	932.11	
	For Class 56 Rating, Add	1,237.20	
40 05 19 00-0807	EA 16" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,260.69	647.38
	For Class 52 Rating, Deduct	-470.78	
	For Class 54 Rating, Add	653.74	
	For Class 55 Rating, Add	977.94	
	For Class 56 Rating, Add	1,297.86	
40 05 19 00-0808	EA 16" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,470.52	650.55
	For Class 52 Rating, Deduct	-493.33	
	For Class 54 Rating, Add	684.55	
	For Class 55 Rating, Add	1,023.78	
	For Class 56 Rating, Add	1,358.51	
40 05 19 00-0809	EA 16" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,680.36	653.73
	For Class 52 Rating, Deduct	-515.89	
	For Class 54 Rating, Add	715.37	
	For Class 55 Rating, Add	1,069.61	
	For Class 56 Rating, Add	1,419.17	
40 05 19 00-0810	EA 16" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,890.19	656.90
	For Class 52 Rating, Deduct	-538.44	
	For Class 54 Rating, Add	746.18	
	For Class 55 Rating, Add	1,115.45	
	For Class 56 Rating, Add	1,479.82	
40 05 19 00-0811	EA 16" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,100.02	660.07
	For Class 52 Rating, Deduct	-560.99	
	For Class 54 Rating, Add	776.99	
	For Class 55 Rating, Add	1,161.28	
	For Class 56 Rating, Add	1,540.48	
40 05 19 00-0812	EA 16" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,309.84	663.24
	For Class 52 Rating, Deduct	-583.54	
	For Class 54 Rating, Add	807.80	
	For Class 55 Rating, Add	1,207.12	
	For Class 56 Rating, Add	1,601.13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0813 EA 16" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,519.67	666.42
For Class 52 Rating, Deduct	-606.09	
For Class 54 Rating, Add	838.61	
For Class 55 Rating, Add	1,252.95	
For Class 56 Rating, Add	1,661.79	
40 05 19 00-0814 EA 16" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,729.50	669.59
For Class 52 Rating, Deduct	-628.65	
For Class 54 Rating, Add	869.42	
For Class 55 Rating, Add	1,298.79	
For Class 56 Rating, Add	1,722.44	
40 05 19 00-0815 EA 16" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,939.33	672.76
For Class 52 Rating, Deduct	-651.20	
For Class 54 Rating, Add	900.23	
For Class 55 Rating, Add	1,344.62	
For Class 56 Rating, Add	1,783.09	
40 05 19 00-0816 EA 16" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,149.17	675.93
For Class 52 Rating, Deduct	-673.75	
For Class 54 Rating, Add	931.04	
For Class 55 Rating, Add	1,390.46	
For Class 56 Rating, Add	1,843.75	
40 05 19 00-0817 EA 16" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,359.00	679.11
For Class 52 Rating, Deduct	-696.30	
For Class 54 Rating, Add	961.85	
For Class 55 Rating, Add	1,436.29	
For Class 56 Rating, Add	1,904.40	
40 05 19 00-0818 EA 16" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,568.83	682.29
For Class 52 Rating, Deduct	-718.86	
For Class 54 Rating, Add	992.66	
For Class 55 Rating, Add	1,482.13	
For Class 56 Rating, Add	1,965.06	
40 05 19 00-0819 EA 16" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,778.65	685.46
For Class 52 Rating, Deduct	-741.41	
For Class 54 Rating, Add	1,023.47	
For Class 55 Rating, Add	1,527.96	
For Class 56 Rating, Add	2,025.71	
40 05 19 00-0820 EA 16" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,988.48	688.63
For Class 52 Rating, Deduct	-763.96	
For Class 54 Rating, Add	1,054.29	
For Class 55 Rating, Add	1,573.80	
For Class 56 Rating, Add	2,086.37	
40 05 19 00-0821 EA 16" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,198.31	691.81
For Class 52 Rating, Deduct	-786.51	
For Class 54 Rating, Add	1,085.10	
For Class 55 Rating, Add	1,619.63	
For Class 56 Rating, Add	2,147.02	
40 05 19 00-0822 EA 16" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,408.13	694.98
For Class 52 Rating, Deduct	-809.07	
For Class 54 Rating, Add	1,115.91	
For Class 55 Rating, Add	1,665.47	
For Class 56 Rating, Add	2,207.67	
40 05 19 00-0823 EA 16" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,617.97	698.15
For Class 52 Rating, Deduct	-831.62	
For Class 54 Rating, Add	1,146.72	
For Class 55 Rating, Add	1,711.31	
For Class 56 Rating, Add	2,268.33	
40 05 19 00-0824 EA 16" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,827.80	701.32
For Class 52 Rating, Deduct	-854.17	
For Class 54 Rating, Add	1,177.53	
For Class 55 Rating, Add	1,757.14	
For Class 56 Rating, Add	2,328.99	
40 05 19 00-0825 EA 16" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,037.63	704.50
For Class 52 Rating, Deduct	-876.72	
For Class 54 Rating, Add	1,208.34	
For Class 55 Rating, Add	1,802.97	
For Class 56 Rating, Add	2,389.64	
40 05 19 00-0826 EA 16" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,247.46	707.67
For Class 52 Rating, Deduct	-899.28	
For Class 54 Rating, Add	1,239.15	
For Class 55 Rating, Add	1,848.81	
For Class 56 Rating, Add	2,450.29	
40 05 19 00-0827 EA 16" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,457.29	710.84
For Class 52 Rating, Deduct	-921.83	
For Class 54 Rating, Add	1,269.96	
For Class 55 Rating, Add	1,894.64	
For Class 56 Rating, Add	2,510.95	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-0828	EA	16" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,667.12	714.01
		<i>For Class 52 Rating, Deduct</i>	-944.38	
		<i>For Class 54 Rating, Add</i>	1,300.77	
		<i>For Class 55 Rating, Add</i>	1,940.48	
		<i>For Class 56 Rating, Add</i>	2,571.60	
40 05 19 00-0829	EA	16" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,876.95	717.20
		<i>For Class 52 Rating, Deduct</i>	-966.93	
		<i>For Class 54 Rating, Add</i>	1,331.58	
		<i>For Class 55 Rating, Add</i>	1,986.31	
		<i>For Class 56 Rating, Add</i>	2,632.26	
40 05 19 00-0830	EA	16" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,086.79	720.37
		<i>For Class 52 Rating, Deduct</i>	-989.49	
		<i>For Class 54 Rating, Add</i>	1,362.40	
		<i>For Class 55 Rating, Add</i>	2,032.15	
		<i>For Class 56 Rating, Add</i>	2,692.91	
40 05 19 00-0831	EA	16" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,296.62	723.54
		<i>For Class 52 Rating, Deduct</i>	-1,012.04	
		<i>For Class 54 Rating, Add</i>	1,393.21	
		<i>For Class 55 Rating, Add</i>	2,077.99	
		<i>For Class 56 Rating, Add</i>	2,753.57	
40 05 19 00-0832	EA	16" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,506.43	726.71
		<i>For Class 52 Rating, Deduct</i>	-1,034.59	
		<i>For Class 54 Rating, Add</i>	1,424.02	
		<i>For Class 55 Rating, Add</i>	2,123.82	
		<i>For Class 56 Rating, Add</i>	2,814.22	

40 05 19 00-0833 18" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe
(40 05 19 00-0854)

40 05 19 00-0834	EA	18" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,199.14	686.73
		<i>For Class 52 Rating, Deduct</i>	-237.45	
		<i>For Class 54 Rating, Add</i>	336.28	
		<i>For Class 55 Rating, Add</i>	506.35	
		<i>For Class 56 Rating, Add</i>	674.26	
40 05 19 00-0835	EA	18" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,440.50	689.90
		<i>For Class 52 Rating, Deduct</i>	-263.47	
		<i>For Class 54 Rating, Add</i>	371.82	
		<i>For Class 55 Rating, Add</i>	559.22	
		<i>For Class 56 Rating, Add</i>	744.21	
40 05 19 00-0836	EA	18" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,681.88	693.08
		<i>For Class 52 Rating, Deduct</i>	-289.49	
		<i>For Class 54 Rating, Add</i>	407.37	
		<i>For Class 55 Rating, Add</i>	612.09	
		<i>For Class 56 Rating, Add</i>	814.18	
40 05 19 00-0837	EA	18" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,923.25	696.26
		<i>For Class 52 Rating, Deduct</i>	-315.52	
		<i>For Class 54 Rating, Add</i>	442.91	
		<i>For Class 55 Rating, Add</i>	664.96	
		<i>For Class 56 Rating, Add</i>	884.13	
40 05 19 00-0838	EA	18" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,164.62	699.43
		<i>For Class 52 Rating, Deduct</i>	-341.54	
		<i>For Class 54 Rating, Add</i>	478.45	
		<i>For Class 55 Rating, Add</i>	717.82	
		<i>For Class 56 Rating, Add</i>	954.09	
40 05 19 00-0839	EA	18" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,406.00	702.60
		<i>For Class 52 Rating, Deduct</i>	-367.56	
		<i>For Class 54 Rating, Add</i>	513.99	
		<i>For Class 55 Rating, Add</i>	770.69	
		<i>For Class 56 Rating, Add</i>	1,024.05	
40 05 19 00-0840	EA	18" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,647.37	705.77
		<i>For Class 52 Rating, Deduct</i>	-393.58	
		<i>For Class 54 Rating, Add</i>	549.54	
		<i>For Class 55 Rating, Add</i>	823.56	
		<i>For Class 56 Rating, Add</i>	1,094.01	
40 05 19 00-0841	EA	18" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,888.73	708.95
		<i>For Class 52 Rating, Deduct</i>	-419.60	
		<i>For Class 54 Rating, Add</i>	585.08	
		<i>For Class 55 Rating, Add</i>	876.43	
		<i>For Class 56 Rating, Add</i>	1,163.97	
40 05 19 00-0842	EA	18" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,130.10	712.12
		<i>For Class 52 Rating, Deduct</i>	-445.63	
		<i>For Class 54 Rating, Add</i>	620.62	
		<i>For Class 55 Rating, Add</i>	929.30	
		<i>For Class 56 Rating, Add</i>	1,233.93	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0843 EA 18" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,371.48	715.29
<i>For Class 52 Rating, Deduct</i>	-471.65	
<i>For Class 54 Rating, Add</i>	656.16	
<i>For Class 55 Rating, Add</i>	982.17	
<i>For Class 56 Rating, Add</i>	1,303.89	
40 05 19 00-0844 EA 18" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,612.85	718.46
<i>For Class 52 Rating, Deduct</i>	-497.67	
<i>For Class 54 Rating, Add</i>	691.70	
<i>For Class 55 Rating, Add</i>	1,035.04	
<i>For Class 56 Rating, Add</i>	1,373.85	
40 05 19 00-0845 EA 18" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,854.21	721.64
<i>For Class 52 Rating, Deduct</i>	-523.69	
<i>For Class 54 Rating, Add</i>	727.25	
<i>For Class 55 Rating, Add</i>	1,087.91	
<i>For Class 56 Rating, Add</i>	1,443.81	
40 05 19 00-0846 EA 18" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,095.59	724.81
<i>For Class 52 Rating, Deduct</i>	-549.71	
<i>For Class 54 Rating, Add</i>	762.79	
<i>For Class 55 Rating, Add</i>	1,140.78	
<i>For Class 56 Rating, Add</i>	1,513.77	
40 05 19 00-0847 EA 18" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,336.96	727.98
<i>For Class 52 Rating, Deduct</i>	-575.74	
<i>For Class 54 Rating, Add</i>	798.33	
<i>For Class 55 Rating, Add</i>	1,193.65	
<i>For Class 56 Rating, Add</i>	1,583.73	
40 05 19 00-0848 EA 18" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,578.33	731.16
<i>For Class 52 Rating, Deduct</i>	-601.76	
<i>For Class 54 Rating, Add</i>	833.87	
<i>For Class 55 Rating, Add</i>	1,246.51	
<i>For Class 56 Rating, Add</i>	1,653.68	
40 05 19 00-0849 EA 18" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,819.71	734.34
<i>For Class 52 Rating, Deduct</i>	-627.78	
<i>For Class 54 Rating, Add</i>	869.41	
<i>For Class 55 Rating, Add</i>	1,299.38	
<i>For Class 56 Rating, Add</i>	1,723.65	
40 05 19 00-0850 EA 18" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,061.08	737.51
<i>For Class 52 Rating, Deduct</i>	-653.80	
<i>For Class 54 Rating, Add</i>	904.96	
<i>For Class 55 Rating, Add</i>	1,352.25	
<i>For Class 56 Rating, Add</i>	1,793.60	
40 05 19 00-0851 EA 18" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,302.45	740.68
<i>For Class 52 Rating, Deduct</i>	-679.82	
<i>For Class 54 Rating, Add</i>	940.50	
<i>For Class 55 Rating, Add</i>	1,405.12	
<i>For Class 56 Rating, Add</i>	1,863.56	
40 05 19 00-0852 EA 18" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,543.83	743.85
<i>For Class 52 Rating, Deduct</i>	-705.85	
<i>For Class 54 Rating, Add</i>	976.04	
<i>For Class 55 Rating, Add</i>	1,457.99	
<i>For Class 56 Rating, Add</i>	1,933.52	
40 05 19 00-0853 EA 18" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,785.20	747.03
<i>For Class 52 Rating, Deduct</i>	-731.87	
<i>For Class 54 Rating, Add</i>	1,011.58	
<i>For Class 55 Rating, Add</i>	1,510.86	
<i>For Class 56 Rating, Add</i>	2,003.48	
40 05 19 00-0854 EA 18" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,026.56	750.20
<i>For Class 52 Rating, Deduct</i>	-757.89	
<i>For Class 54 Rating, Add</i>	1,047.12	
<i>For Class 55 Rating, Add</i>	1,563.73	
<i>For Class 56 Rating, Add</i>	2,073.44	
40 05 19 00-0855 EA 18" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,267.93	753.37
<i>For Class 52 Rating, Deduct</i>	-783.91	
<i>For Class 54 Rating, Add</i>	1,082.67	
<i>For Class 55 Rating, Add</i>	1,616.60	
<i>For Class 56 Rating, Add</i>	2,143.40	
40 05 19 00-0856 EA 18" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,509.30	756.54
<i>For Class 52 Rating, Deduct</i>	-809.93	
<i>For Class 54 Rating, Add</i>	1,118.21	
<i>For Class 55 Rating, Add</i>	1,669.47	
<i>For Class 56 Rating, Add</i>	2,213.36	
40 05 19 00-0857 EA 18" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,750.67	759.72
<i>For Class 52 Rating, Deduct</i>	-835.95	
<i>For Class 54 Rating, Add</i>	1,153.75	
<i>For Class 55 Rating, Add</i>	1,722.33	
<i>For Class 56 Rating, Add</i>	2,283.32	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0858	EA		18" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,992.05	762.89
			<i>For Class 52 Rating, Deduct</i>	-861.98	
			<i>For Class 54 Rating, Add</i>	1,189.29	
			<i>For Class 55 Rating, Add</i>	1,775.21	
			<i>For Class 56 Rating, Add</i>	2,353.28	
40 05 19 00-0859	EA		18" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,233.42	766.07
			<i>For Class 52 Rating, Deduct</i>	-888.00	
			<i>For Class 54 Rating, Add</i>	1,224.84	
			<i>For Class 55 Rating, Add</i>	1,828.07	
			<i>For Class 56 Rating, Add</i>	2,423.24	
40 05 19 00-0860	EA		18" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,474.79	769.24
			<i>For Class 52 Rating, Deduct</i>	-914.02	
			<i>For Class 54 Rating, Add</i>	1,260.38	
			<i>For Class 55 Rating, Add</i>	1,880.94	
			<i>For Class 56 Rating, Add</i>	2,493.20	
40 05 19 00-0861	EA		18" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,716.17	772.42
			<i>For Class 52 Rating, Deduct</i>	-940.04	
			<i>For Class 54 Rating, Add</i>	1,295.92	
			<i>For Class 55 Rating, Add</i>	1,933.81	
			<i>For Class 56 Rating, Add</i>	2,563.16	
40 05 19 00-0862	EA		18" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,957.54	775.59
			<i>For Class 52 Rating, Deduct</i>	-966.07	
			<i>For Class 54 Rating, Add</i>	1,331.46	
			<i>For Class 55 Rating, Add</i>	1,986.68	
			<i>For Class 56 Rating, Add</i>	2,633.12	
40 05 19 00-0863	EA		18" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,198.91	778.76
			<i>For Class 52 Rating, Deduct</i>	-992.09	
			<i>For Class 54 Rating, Add</i>	1,367.00	
			<i>For Class 55 Rating, Add</i>	2,039.55	
			<i>For Class 56 Rating, Add</i>	2,703.07	
40 05 19 00-0864	EA		18" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,440.29	781.93
			<i>For Class 52 Rating, Deduct</i>	-1,018.11	
			<i>For Class 54 Rating, Add</i>	1,402.55	
			<i>For Class 55 Rating, Add</i>	2,092.42	
			<i>For Class 56 Rating, Add</i>	2,773.04	
40 05 19 00-0865	EA		18" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,681.65	785.11
			<i>For Class 52 Rating, Deduct</i>	-1,044.13	
			<i>For Class 54 Rating, Add</i>	1,438.09	
			<i>For Class 55 Rating, Add</i>	2,145.29	
			<i>For Class 56 Rating, Add</i>	2,842.99	
40 05 19 00-0866	EA		18" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,923.01	788.28
			<i>For Class 52 Rating, Deduct</i>	-1,070.15	
			<i>For Class 54 Rating, Add</i>	1,473.63	
			<i>For Class 55 Rating, Add</i>	2,198.16	
			<i>For Class 56 Rating, Add</i>	2,912.95	
40 05 19 00-0867	EA		18" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,164.38	791.45
			<i>For Class 52 Rating, Deduct</i>	-1,096.17	
			<i>For Class 54 Rating, Add</i>	1,509.17	
			<i>For Class 55 Rating, Add</i>	2,251.02	
			<i>For Class 56 Rating, Add</i>	2,982.91	
40 05 19 00-0868	EA		18" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,405.76	794.63
			<i>For Class 52 Rating, Deduct</i>	-1,122.20	
			<i>For Class 54 Rating, Add</i>	1,544.72	
			<i>For Class 55 Rating, Add</i>	2,303.89	
			<i>For Class 56 Rating, Add</i>	3,052.87	
40 05 19 00-0869	EA		18" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,647.13	797.80
			<i>For Class 52 Rating, Deduct</i>	-1,148.22	
			<i>For Class 54 Rating, Add</i>	1,580.26	
			<i>For Class 55 Rating, Add</i>	2,356.76	
			<i>For Class 56 Rating, Add</i>	3,122.83	
40 05 19 00-0870	EA		18" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,888.50	800.97
			<i>For Class 52 Rating, Deduct</i>	-1,174.24	
			<i>For Class 54 Rating, Add</i>	1,615.80	
			<i>For Class 55 Rating, Add</i>	2,409.63	
			<i>For Class 56 Rating, Add</i>	3,192.79	
40 05 19 00-0871	EA		18" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,129.88	804.15
			<i>For Class 52 Rating, Deduct</i>	-1,200.26	
			<i>For Class 54 Rating, Add</i>	1,651.34	
			<i>For Class 55 Rating, Add</i>	2,462.50	
			<i>For Class 56 Rating, Add</i>	3,262.75	

40 05 19 00-0872 20" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe (40 05 19 00-0554)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0873 EA 20" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,709.00	783.83
For Class 52 Rating, Deduct	-277.35	
For Class 54 Rating, Add	392.46	
For Class 55 Rating, Add	590.77	
For Class 56 Rating, Add	786.56	
40 05 19 00-0874 EA 20" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,985.86	787.00
For Class 52 Rating, Deduct	-307.28	
For Class 54 Rating, Add	433.32	
For Class 55 Rating, Add	651.55	
For Class 56 Rating, Add	866.99	
40 05 19 00-0875 EA 20" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,262.70	790.19
For Class 52 Rating, Deduct	-337.20	
For Class 54 Rating, Add	474.19	
For Class 55 Rating, Add	712.33	
For Class 56 Rating, Add	947.41	
40 05 19 00-0876 EA 20" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,539.56	793.36
For Class 52 Rating, Deduct	-367.13	
For Class 54 Rating, Add	515.05	
For Class 55 Rating, Add	773.11	
For Class 56 Rating, Add	1,027.84	
40 05 19 00-0877 EA 20" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,816.42	796.53
For Class 52 Rating, Deduct	-397.05	
For Class 54 Rating, Add	555.92	
For Class 55 Rating, Add	833.90	
For Class 56 Rating, Add	1,108.27	
40 05 19 00-0878 EA 20" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,093.28	799.70
For Class 52 Rating, Deduct	-426.98	
For Class 54 Rating, Add	596.78	
For Class 55 Rating, Add	894.68	
For Class 56 Rating, Add	1,188.70	
40 05 19 00-0879 EA 20" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,370.13	802.88
For Class 52 Rating, Deduct	-456.90	
For Class 54 Rating, Add	637.65	
For Class 55 Rating, Add	955.46	
For Class 56 Rating, Add	1,269.12	
40 05 19 00-0880 EA 20" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,646.98	806.05
For Class 52 Rating, Deduct	-486.83	
For Class 54 Rating, Add	678.51	
For Class 55 Rating, Add	1,016.24	
For Class 56 Rating, Add	1,349.55	
40 05 19 00-0881 EA 20" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,923.84	809.22
For Class 52 Rating, Deduct	-516.75	
For Class 54 Rating, Add	719.38	
For Class 55 Rating, Add	1,077.02	
For Class 56 Rating, Add	1,429.98	
40 05 19 00-0882 EA 20" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,200.70	812.39
For Class 52 Rating, Deduct	-546.68	
For Class 54 Rating, Add	760.24	
For Class 55 Rating, Add	1,137.81	
For Class 56 Rating, Add	1,510.40	
40 05 19 00-0883 EA 20" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,477.56	815.57
For Class 52 Rating, Deduct	-576.60	
For Class 54 Rating, Add	801.11	
For Class 55 Rating, Add	1,198.59	
For Class 56 Rating, Add	1,590.83	
40 05 19 00-0884 EA 20" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,754.41	818.74
For Class 52 Rating, Deduct	-606.53	
For Class 54 Rating, Add	841.97	
For Class 55 Rating, Add	1,259.37	
For Class 56 Rating, Add	1,671.26	
40 05 19 00-0885 EA 20" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,031.26	821.91
For Class 52 Rating, Deduct	-636.45	
For Class 54 Rating, Add	882.83	
For Class 55 Rating, Add	1,320.15	
For Class 56 Rating, Add	1,751.68	
40 05 19 00-0886 EA 20" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,308.12	825.08
For Class 52 Rating, Deduct	-666.38	
For Class 54 Rating, Add	923.70	
For Class 55 Rating, Add	1,380.93	
For Class 56 Rating, Add	1,832.11	
40 05 19 00-0887 EA 20" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,584.98	828.27
For Class 52 Rating, Deduct	-696.30	
For Class 54 Rating, Add	964.57	
For Class 55 Rating, Add	1,441.72	
For Class 56 Rating, Add	1,912.54	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-0888	EA 20" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,861.83	831.44
	For Class 52 Rating, Deduct	-726.23	
	For Class 54 Rating, Add	1,005.43	
	For Class 55 Rating, Add	1,502.50	
	For Class 56 Rating, Add	1,992.96	
40 05 19 00-0889	EA 20" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,138.69	834.61
	For Class 52 Rating, Deduct	-756.15	
	For Class 54 Rating, Add	1,046.29	
	For Class 55 Rating, Add	1,563.28	
	For Class 56 Rating, Add	2,073.39	
40 05 19 00-0890	EA 20" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,415.55	837.78
	For Class 52 Rating, Deduct	-786.08	
	For Class 54 Rating, Add	1,087.16	
	For Class 55 Rating, Add	1,624.06	
	For Class 56 Rating, Add	2,153.82	
40 05 19 00-0891	EA 20" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,692.41	840.96
	For Class 52 Rating, Deduct	-816.01	
	For Class 54 Rating, Add	1,128.02	
	For Class 55 Rating, Add	1,684.85	
	For Class 56 Rating, Add	2,234.25	
40 05 19 00-0892	EA 20" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,969.26	844.13
	For Class 52 Rating, Deduct	-845.93	
	For Class 54 Rating, Add	1,168.89	
	For Class 55 Rating, Add	1,745.63	
	For Class 56 Rating, Add	2,314.68	
40 05 19 00-0893	EA 20" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,246.11	847.30
	For Class 52 Rating, Deduct	-875.86	
	For Class 54 Rating, Add	1,209.75	
	For Class 55 Rating, Add	1,806.41	
	For Class 56 Rating, Add	2,395.10	
40 05 19 00-0894	EA 20" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,522.97	850.47
	For Class 52 Rating, Deduct	-905.78	
	For Class 54 Rating, Add	1,250.62	
	For Class 55 Rating, Add	1,867.19	
	For Class 56 Rating, Add	2,475.53	
40 05 19 00-0895	EA 20" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,799.83	853.65
	For Class 52 Rating, Deduct	-935.71	
	For Class 54 Rating, Add	1,291.48	
	For Class 55 Rating, Add	1,927.97	
	For Class 56 Rating, Add	2,555.96	
40 05 19 00-0896	EA 20" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,076.68	856.82
	For Class 52 Rating, Deduct	-965.63	
	For Class 54 Rating, Add	1,332.35	
	For Class 55 Rating, Add	1,988.76	
	For Class 56 Rating, Add	2,636.38	
40 05 19 00-0897	EA 20" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,353.53	859.99
	For Class 52 Rating, Deduct	-995.56	
	For Class 54 Rating, Add	1,373.21	
	For Class 55 Rating, Add	2,049.54	
	For Class 56 Rating, Add	2,716.81	
40 05 19 00-0898	EA 20" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,630.39	863.17
	For Class 52 Rating, Deduct	-1,025.48	
	For Class 54 Rating, Add	1,414.08	
	For Class 55 Rating, Add	2,110.32	
	For Class 56 Rating, Add	2,797.24	
40 05 19 00-0899	EA 20" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,907.25	866.35
	For Class 52 Rating, Deduct	-1,055.41	
	For Class 54 Rating, Add	1,454.94	
	For Class 55 Rating, Add	2,171.10	
	For Class 56 Rating, Add	2,877.66	
40 05 19 00-0900	EA 20" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,184.11	869.52
	For Class 52 Rating, Deduct	-1,085.33	
	For Class 54 Rating, Add	1,495.81	
	For Class 55 Rating, Add	2,231.88	
	For Class 56 Rating, Add	2,958.09	
40 05 19 00-0901	EA 20" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,460.96	872.69
	For Class 52 Rating, Deduct	-1,115.26	
	For Class 54 Rating, Add	1,536.67	
	For Class 55 Rating, Add	2,292.66	
	For Class 56 Rating, Add	3,038.52	
40 05 19 00-0902	EA 20" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,737.82	875.86
	For Class 52 Rating, Deduct	-1,145.18	
	For Class 54 Rating, Add	1,577.54	
	For Class 55 Rating, Add	2,353.45	
	For Class 56 Rating, Add	3,118.95	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0903 EA 20" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,014.68	879.04
<i>For Class 52 Rating, Deduct</i>	-1,175.11	
<i>For Class 54 Rating, Add</i>	1,618.40	
<i>For Class 55 Rating, Add</i>	2,414.23	
<i>For Class 56 Rating, Add</i>	3,199.37	
40 05 19 00-0904 EA 20" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,291.53	882.21
<i>For Class 52 Rating, Deduct</i>	-1,205.03	
<i>For Class 54 Rating, Add</i>	1,659.27	
<i>For Class 55 Rating, Add</i>	2,475.01	
<i>For Class 56 Rating, Add</i>	3,279.80	
40 05 19 00-0905 EA 20" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,568.39	885.38
<i>For Class 52 Rating, Deduct</i>	-1,234.96	
<i>For Class 54 Rating, Add</i>	1,700.13	
<i>For Class 55 Rating, Add</i>	2,535.79	
<i>For Class 56 Rating, Add</i>	3,360.23	
40 05 19 00-0906 EA 20" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,845.23	888.55
<i>For Class 52 Rating, Deduct</i>	-1,264.88	
<i>For Class 54 Rating, Add</i>	1,741.00	
<i>For Class 55 Rating, Add</i>	2,596.57	
<i>For Class 56 Rating, Add</i>	3,440.65	
40 05 19 00-0907 EA 20" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,122.09	891.73
<i>For Class 52 Rating, Deduct</i>	-1,294.81	
<i>For Class 54 Rating, Add</i>	1,781.86	
<i>For Class 55 Rating, Add</i>	2,657.36	
<i>For Class 56 Rating, Add</i>	3,521.08	
40 05 19 00-0908 EA 20" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,398.95	894.90
<i>For Class 52 Rating, Deduct</i>	-1,324.73	
<i>For Class 54 Rating, Add</i>	1,822.73	
<i>For Class 55 Rating, Add</i>	2,718.14	
<i>For Class 56 Rating, Add</i>	3,601.51	
40 05 19 00-0909 EA 20" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,675.81	898.07
<i>For Class 52 Rating, Deduct</i>	-1,354.66	
<i>For Class 54 Rating, Add</i>	1,863.59	
<i>For Class 55 Rating, Add</i>	2,778.92	
<i>For Class 56 Rating, Add</i>	3,681.94	
40 05 19 00-0910 EA 20" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,952.66	901.25
<i>For Class 52 Rating, Deduct</i>	-1,384.58	
<i>For Class 54 Rating, Add</i>	1,904.46	
<i>For Class 55 Rating, Add</i>	2,839.70	
<i>For Class 56 Rating, Add</i>	3,762.36	
40 05 19 00-0911 24" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0554)</small>		
40 05 19 00-0912 EA 24" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,589.71	926.63
<i>For Class 52 Rating, Deduct</i>	-350.43	
<i>For Class 54 Rating, Add</i>	494.71	
<i>For Class 55 Rating, Add</i>	744.11	
<i>For Class 56 Rating, Add</i>	990.33	
40 05 19 00-0913 EA 24" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,931.62	929.81
<i>For Class 52 Rating, Deduct</i>	-387.51	
<i>For Class 54 Rating, Add</i>	545.33	
<i>For Class 55 Rating, Add</i>	819.40	
<i>For Class 56 Rating, Add</i>	1,089.95	
40 05 19 00-0914 EA 24" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,273.53	932.98
<i>For Class 52 Rating, Deduct</i>	-424.59	
<i>For Class 54 Rating, Add</i>	595.95	
<i>For Class 55 Rating, Add</i>	894.69	
<i>For Class 56 Rating, Add</i>	1,189.57	
40 05 19 00-0915 EA 24" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,615.45	936.15
<i>For Class 52 Rating, Deduct</i>	-461.67	
<i>For Class 54 Rating, Add</i>	646.58	
<i>For Class 55 Rating, Add</i>	969.98	
<i>For Class 56 Rating, Add</i>	1,289.19	
40 05 19 00-0916 EA 24" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,957.36	939.33
<i>For Class 52 Rating, Deduct</i>	-498.75	
<i>For Class 54 Rating, Add</i>	697.20	
<i>For Class 55 Rating, Add</i>	1,045.27	
<i>For Class 56 Rating, Add</i>	1,388.80	
40 05 19 00-0917 EA 24" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,299.27	942.51
<i>For Class 52 Rating, Deduct</i>	-535.84	
<i>For Class 54 Rating, Add</i>	747.82	
<i>For Class 55 Rating, Add</i>	1,120.56	
<i>For Class 56 Rating, Add</i>	1,488.42	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-0918	EA	24"	Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,641.18	945.68
			<i>For Class 52 Rating, Deduct</i>	-572.92	
			<i>For Class 54 Rating, Add</i>	798.44	
			<i>For Class 55 Rating, Add</i>	1,195.85	
			<i>For Class 56 Rating, Add</i>	1,588.04	
40 05 19 00-0919	EA	24"	Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,983.10	948.85
			<i>For Class 52 Rating, Deduct</i>	-610.00	
			<i>For Class 54 Rating, Add</i>	849.07	
			<i>For Class 55 Rating, Add</i>	1,271.14	
			<i>For Class 56 Rating, Add</i>	1,687.66	
40 05 19 00-0920	EA	24"	Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,325.00	952.03
			<i>For Class 52 Rating, Deduct</i>	-647.08	
			<i>For Class 54 Rating, Add</i>	899.69	
			<i>For Class 55 Rating, Add</i>	1,346.43	
			<i>For Class 56 Rating, Add</i>	1,787.28	
40 05 19 00-0921	EA	24"	Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,666.91	955.20
			<i>For Class 52 Rating, Deduct</i>	-684.16	
			<i>For Class 54 Rating, Add</i>	950.31	
			<i>For Class 55 Rating, Add</i>	1,421.71	
			<i>For Class 56 Rating, Add</i>	1,886.90	
40 05 19 00-0922	EA	24"	Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,008.81	958.37
			<i>For Class 52 Rating, Deduct</i>	-721.24	
			<i>For Class 54 Rating, Add</i>	1,000.94	
			<i>For Class 55 Rating, Add</i>	1,497.00	
			<i>For Class 56 Rating, Add</i>	1,986.51	
40 05 19 00-0923	EA	24"	Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,350.73	961.54
			<i>For Class 52 Rating, Deduct</i>	-758.32	
			<i>For Class 54 Rating, Add</i>	1,051.56	
			<i>For Class 55 Rating, Add</i>	1,572.29	
			<i>For Class 56 Rating, Add</i>	2,086.13	
40 05 19 00-0924	EA	24"	Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,692.64	964.72
			<i>For Class 52 Rating, Deduct</i>	-795.40	
			<i>For Class 54 Rating, Add</i>	1,102.18	
			<i>For Class 55 Rating, Add</i>	1,647.58	
			<i>For Class 56 Rating, Add</i>	2,185.75	
40 05 19 00-0925	EA	24"	Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,034.55	967.89
			<i>For Class 52 Rating, Deduct</i>	-832.49	
			<i>For Class 54 Rating, Add</i>	1,152.81	
			<i>For Class 55 Rating, Add</i>	1,722.87	
			<i>For Class 56 Rating, Add</i>	2,285.37	
40 05 19 00-0926	EA	24"	Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,376.46	971.06
			<i>For Class 52 Rating, Deduct</i>	-869.57	
			<i>For Class 54 Rating, Add</i>	1,203.43	
			<i>For Class 55 Rating, Add</i>	1,798.16	
			<i>For Class 56 Rating, Add</i>	2,384.99	
40 05 19 00-0927	EA	24"	Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,718.38	974.24
			<i>For Class 52 Rating, Deduct</i>	-906.65	
			<i>For Class 54 Rating, Add</i>	1,254.05	
			<i>For Class 55 Rating, Add</i>	1,873.45	
			<i>For Class 56 Rating, Add</i>	2,484.61	
40 05 19 00-0928	EA	24"	Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,060.29	977.42
			<i>For Class 52 Rating, Deduct</i>	-943.73	
			<i>For Class 54 Rating, Add</i>	1,304.68	
			<i>For Class 55 Rating, Add</i>	1,948.74	
			<i>For Class 56 Rating, Add</i>	2,584.22	
40 05 19 00-0929	EA	24"	Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,402.20	980.59
			<i>For Class 52 Rating, Deduct</i>	-980.81	
			<i>For Class 54 Rating, Add</i>	1,355.30	
			<i>For Class 55 Rating, Add</i>	2,024.03	
			<i>For Class 56 Rating, Add</i>	2,683.84	
40 05 19 00-0930	EA	24"	Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,744.10	983.76
			<i>For Class 52 Rating, Deduct</i>	-1,017.89	
			<i>For Class 54 Rating, Add</i>	1,405.92	
			<i>For Class 55 Rating, Add</i>	2,099.32	
			<i>For Class 56 Rating, Add</i>	2,783.46	
40 05 19 00-0931	EA	24"	Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,086.02	986.93
			<i>For Class 52 Rating, Deduct</i>	-1,054.97	
			<i>For Class 54 Rating, Add</i>	1,456.54	
			<i>For Class 55 Rating, Add</i>	2,174.61	
			<i>For Class 56 Rating, Add</i>	2,883.08	
40 05 19 00-0932	EA	24"	Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,427.93	990.11
			<i>For Class 52 Rating, Deduct</i>	-1,092.05	
			<i>For Class 54 Rating, Add</i>	1,507.17	
			<i>For Class 55 Rating, Add</i>	2,249.90	
			<i>For Class 56 Rating, Add</i>	2,982.70	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0933	EA		24" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,769.84	993.28
			For Class 52 Rating, Deduct	-1,129.14	
			For Class 54 Rating, Add	1,557.79	
			For Class 55 Rating, Add	2,325.19	
			For Class 56 Rating, Add	3,082.32	
40 05 19 00-0934	EA		24" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,111.75	996.45
			For Class 52 Rating, Deduct	-1,166.22	
			For Class 54 Rating, Add	1,608.41	
			For Class 55 Rating, Add	2,400.47	
			For Class 56 Rating, Add	3,181.93	
40 05 19 00-0935	EA		24" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,453.66	999.62
			For Class 52 Rating, Deduct	-1,203.30	
			For Class 54 Rating, Add	1,659.04	
			For Class 55 Rating, Add	2,475.76	
			For Class 56 Rating, Add	3,281.55	
40 05 19 00-0936	EA		24" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,795.57	1,002.80
			For Class 52 Rating, Deduct	-1,240.38	
			For Class 54 Rating, Add	1,709.66	
			For Class 55 Rating, Add	2,551.05	
			For Class 56 Rating, Add	3,381.17	
40 05 19 00-0937	EA		24" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,137.48	1,005.97
			For Class 52 Rating, Deduct	-1,277.46	
			For Class 54 Rating, Add	1,760.28	
			For Class 55 Rating, Add	2,626.34	
			For Class 56 Rating, Add	3,480.79	
40 05 19 00-0938	EA		24" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,479.39	1,009.14
			For Class 52 Rating, Deduct	-1,314.54	
			For Class 54 Rating, Add	1,810.91	
			For Class 55 Rating, Add	2,701.63	
			For Class 56 Rating, Add	3,580.41	
40 05 19 00-0939	EA		24" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,821.31	1,012.32
			For Class 52 Rating, Deduct	-1,351.62	
			For Class 54 Rating, Add	1,861.53	
			For Class 55 Rating, Add	2,776.92	
			For Class 56 Rating, Add	3,680.03	
40 05 19 00-0940	EA		24" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,163.21	1,015.50
			For Class 52 Rating, Deduct	-1,388.70	
			For Class 54 Rating, Add	1,912.15	
			For Class 55 Rating, Add	2,852.21	
			For Class 56 Rating, Add	3,779.64	
40 05 19 00-0941	EA		24" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,586.87	1,072.61
			For Class 52 Rating, Deduct	-1,425.79	
			For Class 54 Rating, Add	1,963.76	
			For Class 55 Rating, Add	2,929.46	
			For Class 56 Rating, Add	3,882.21	
40 05 19 00-0942	EA		24" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,928.77	1,075.78
			For Class 52 Rating, Deduct	-1,462.87	
			For Class 54 Rating, Add	2,014.38	
			For Class 55 Rating, Add	3,004.75	
			For Class 56 Rating, Add	3,981.82	
40 05 19 00-0943	EA		24" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,270.69	1,078.96
			For Class 52 Rating, Deduct	-1,499.95	
			For Class 54 Rating, Add	2,065.00	
			For Class 55 Rating, Add	3,080.04	
			For Class 56 Rating, Add	4,081.44	
40 05 19 00-0944	EA		24" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,612.59	1,082.13
			For Class 52 Rating, Deduct	-1,537.03	
			For Class 54 Rating, Add	2,115.63	
			For Class 55 Rating, Add	3,155.33	
			For Class 56 Rating, Add	4,181.06	
40 05 19 00-0945	EA		24" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,954.50	1,085.31
			For Class 52 Rating, Deduct	-1,574.11	
			For Class 54 Rating, Add	2,166.25	
			For Class 55 Rating, Add	3,230.62	
			For Class 56 Rating, Add	4,280.68	
40 05 19 00-0946	EA		24" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,296.41	1,088.48
			For Class 52 Rating, Deduct	-1,611.19	
			For Class 54 Rating, Add	2,216.87	
			For Class 55 Rating, Add	3,305.91	
			For Class 56 Rating, Add	4,380.30	
40 05 19 00-0947	EA		24" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,638.33	1,091.66
			For Class 52 Rating, Deduct	-1,648.27	
			For Class 54 Rating, Add	2,267.49	
			For Class 55 Rating, Add	3,381.20	
			For Class 56 Rating, Add	4,479.92	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-0948	EA	24" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,980.24	1,094.83
		<i>For Class 52 Rating, Deduct</i>	-1,685.36	
		<i>For Class 54 Rating, Add</i>	2,318.12	
		<i>For Class 55 Rating, Add</i>	3,456.49	
		<i>For Class 56 Rating, Add</i>	4,579.53	
40 05 19 00-0949	EA	24" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,322.15	1,098.00
		<i>For Class 52 Rating, Deduct</i>	-1,722.44	
		<i>For Class 54 Rating, Add</i>	2,368.74	
		<i>For Class 55 Rating, Add</i>	3,531.78	
		<i>For Class 56 Rating, Add</i>	4,679.15	

40 05 19 00-0950 30" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe
(40 05 19 00-0954)

40 05 19 00-0951	EA	30" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,067.09	1,307.45
		<i>For Class 52 Rating, Deduct</i>	-559.47	
		<i>For Class 54 Rating, Add</i>	786.69	
		<i>For Class 55 Rating, Add</i>	1,181.75	
		<i>For Class 56 Rating, Add</i>	1,571.72	
40 05 19 00-0952	EA	30" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,558.81	1,310.62
		<i>For Class 52 Rating, Deduct</i>	-613.03	
		<i>For Class 54 Rating, Add</i>	859.78	
		<i>For Class 55 Rating, Add</i>	1,290.44	
		<i>For Class 56 Rating, Add</i>	1,715.53	
40 05 19 00-0953	EA	30" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,050.55	1,313.80
		<i>For Class 52 Rating, Deduct</i>	-666.60	
		<i>For Class 54 Rating, Add</i>	932.88	
		<i>For Class 55 Rating, Add</i>	1,399.15	
		<i>For Class 56 Rating, Add</i>	1,859.35	
40 05 19 00-0954	EA	30" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,542.29	1,316.97
		<i>For Class 52 Rating, Deduct</i>	-720.16	
		<i>For Class 54 Rating, Add</i>	1,005.98	
		<i>For Class 55 Rating, Add</i>	1,507.85	
		<i>For Class 56 Rating, Add</i>	2,003.17	
40 05 19 00-0955	EA	30" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,034.02	1,320.14
		<i>For Class 52 Rating, Deduct</i>	-773.72	
		<i>For Class 54 Rating, Add</i>	1,079.07	
		<i>For Class 55 Rating, Add</i>	1,616.54	
		<i>For Class 56 Rating, Add</i>	2,146.98	
40 05 19 00-0956	EA	30" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,525.76	1,323.31
		<i>For Class 52 Rating, Deduct</i>	-827.28	
		<i>For Class 54 Rating, Add</i>	1,152.17	
		<i>For Class 55 Rating, Add</i>	1,725.25	
		<i>For Class 56 Rating, Add</i>	2,290.80	
40 05 19 00-0957	EA	30" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,017.49	1,326.49
		<i>For Class 52 Rating, Deduct</i>	-880.84	
		<i>For Class 54 Rating, Add</i>	1,225.27	
		<i>For Class 55 Rating, Add</i>	1,833.94	
		<i>For Class 56 Rating, Add</i>	2,434.61	
40 05 19 00-0958	EA	30" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,509.23	1,329.66
		<i>For Class 52 Rating, Deduct</i>	-934.40	
		<i>For Class 54 Rating, Add</i>	1,298.36	
		<i>For Class 55 Rating, Add</i>	1,942.64	
		<i>For Class 56 Rating, Add</i>	2,578.43	
40 05 19 00-0959	EA	30" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,000.97	1,332.83
		<i>For Class 52 Rating, Deduct</i>	-987.97	
		<i>For Class 54 Rating, Add</i>	1,371.46	
		<i>For Class 55 Rating, Add</i>	2,051.35	
		<i>For Class 56 Rating, Add</i>	2,722.25	
40 05 19 00-0960	EA	30" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,492.70	1,336.00
		<i>For Class 52 Rating, Deduct</i>	-1,041.53	
		<i>For Class 54 Rating, Add</i>	1,444.56	
		<i>For Class 55 Rating, Add</i>	2,160.04	
		<i>For Class 56 Rating, Add</i>	2,866.06	
40 05 19 00-0961	EA	30" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,984.43	1,339.18
		<i>For Class 52 Rating, Deduct</i>	-1,095.09	
		<i>For Class 54 Rating, Add</i>	1,517.65	
		<i>For Class 55 Rating, Add</i>	2,268.74	
		<i>For Class 56 Rating, Add</i>	3,009.88	
40 05 19 00-0962	EA	30" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,476.16	1,342.36
		<i>For Class 52 Rating, Deduct</i>	-1,148.65	
		<i>For Class 54 Rating, Add</i>	1,590.75	
		<i>For Class 55 Rating, Add</i>	2,377.44	
		<i>For Class 56 Rating, Add</i>	3,153.69	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0963	EA		30" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,967.90	1,345.53
			For Class 52 Rating, Deduct	-1,202.21	
			For Class 54 Rating, Add	1,663.85	
			For Class 55 Rating, Add	2,486.14	
			For Class 56 Rating, Add	3,297.51	
40 05 19 00-0964	EA		30" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,459.64	1,348.70
			For Class 52 Rating, Deduct	-1,255.78	
			For Class 54 Rating, Add	1,736.94	
			For Class 55 Rating, Add	2,594.65	
			For Class 56 Rating, Add	3,441.33	
40 05 19 00-0965	EA		30" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,951.36	1,351.88
			For Class 52 Rating, Deduct	-1,309.34	
			For Class 54 Rating, Add	1,810.04	
			For Class 55 Rating, Add	2,703.54	
			For Class 56 Rating, Add	3,585.14	
40 05 19 00-0966	EA		30" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,443.10	1,355.05
			For Class 52 Rating, Deduct	-1,362.90	
			For Class 54 Rating, Add	1,883.14	
			For Class 55 Rating, Add	2,812.24	
			For Class 56 Rating, Add	3,728.96	
40 05 19 00-0967	EA		30" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,934.83	1,358.22
			For Class 52 Rating, Deduct	-1,416.46	
			For Class 54 Rating, Add	1,956.23	
			For Class 55 Rating, Add	2,920.94	
			For Class 56 Rating, Add	3,872.78	
40 05 19 00-0968	EA		30" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,426.57	1,361.39
			For Class 52 Rating, Deduct	-1,470.02	
			For Class 54 Rating, Add	2,029.33	
			For Class 55 Rating, Add	3,029.64	
			For Class 56 Rating, Add	4,016.59	
40 05 19 00-0969	EA		30" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,918.31	1,364.57
			For Class 52 Rating, Deduct	-1,523.59	
			For Class 54 Rating, Add	2,102.43	
			For Class 55 Rating, Add	3,138.34	
			For Class 56 Rating, Add	4,160.41	
40 05 19 00-0970	EA		30" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,410.04	1,367.74
			For Class 52 Rating, Deduct	-1,577.15	
			For Class 54 Rating, Add	2,175.52	
			For Class 55 Rating, Add	3,247.04	
			For Class 56 Rating, Add	4,304.23	
40 05 19 00-0971	EA		30" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,901.77	1,370.91
			For Class 52 Rating, Deduct	-1,630.71	
			For Class 54 Rating, Add	2,248.62	
			For Class 55 Rating, Add	3,355.74	
			For Class 56 Rating, Add	4,448.04	
40 05 19 00-0972	EA		30" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,393.50	1,374.08
			For Class 52 Rating, Deduct	-1,684.27	
			For Class 54 Rating, Add	2,321.72	
			For Class 55 Rating, Add	3,464.44	
			For Class 56 Rating, Add	4,591.86	
40 05 19 00-0973	EA		30" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,885.24	1,377.27
			For Class 52 Rating, Deduct	-1,737.83	
			For Class 54 Rating, Add	2,394.81	
			For Class 55 Rating, Add	3,573.14	
			For Class 56 Rating, Add	4,735.67	
40 05 19 00-0974	EA		30" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,376.97	1,380.44
			For Class 52 Rating, Deduct	-1,791.39	
			For Class 54 Rating, Add	2,467.91	
			For Class 55 Rating, Add	3,681.64	
			For Class 56 Rating, Add	4,879.49	
40 05 19 00-0975	EA		30" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,868.71	1,383.61
			For Class 52 Rating, Deduct	-1,844.96	
			For Class 54 Rating, Add	2,541.01	
			For Class 55 Rating, Add	3,790.54	
			For Class 56 Rating, Add	5,023.31	
40 05 19 00-0976	EA		30" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,360.45	1,386.78
			For Class 52 Rating, Deduct	-1,898.52	
			For Class 54 Rating, Add	2,614.10	
			For Class 55 Rating, Add	3,899.24	
			For Class 56 Rating, Add	5,167.12	
40 05 19 00-0977	EA		30" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,852.17	1,389.96
			For Class 52 Rating, Deduct	-1,952.08	
			For Class 54 Rating, Add	2,687.20	
			For Class 55 Rating, Add	4,007.94	
			For Class 56 Rating, Add	5,310.94	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-0978	EA	30" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,343.91	1,393.13
		<i>For Class 52 Rating, Deduct</i>	-2,005.64	
		<i>For Class 54 Rating, Add</i>	2,760.30	
		<i>For Class 55 Rating, Add</i>	4,116.64	
		<i>For Class 56 Rating, Add</i>	5,454.76	
40 05 19 00-0979	EA	30" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,835.64	1,396.30
		<i>For Class 52 Rating, Deduct</i>	-2,059.20	
		<i>For Class 54 Rating, Add</i>	2,833.39	
		<i>For Class 55 Rating, Add</i>	4,225.34	
		<i>For Class 56 Rating, Add</i>	5,598.57	
40 05 19 00-0980	EA	30" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,327.38	1,399.47
		<i>For Class 52 Rating, Deduct</i>	-2,112.77	
		<i>For Class 54 Rating, Add</i>	2,906.49	
		<i>For Class 55 Rating, Add</i>	4,334.04	
		<i>For Class 56 Rating, Add</i>	5,742.39	
40 05 19 00-0981	EA	30" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,819.11	1,402.65
		<i>For Class 52 Rating, Deduct</i>	-2,166.33	
		<i>For Class 54 Rating, Add</i>	2,979.59	
		<i>For Class 55 Rating, Add</i>	4,442.74	
		<i>For Class 56 Rating, Add</i>	5,886.21	
40 05 19 00-0982	EA	30" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,310.84	1,405.82
		<i>For Class 52 Rating, Deduct</i>	-2,219.89	
		<i>For Class 54 Rating, Add</i>	3,052.68	
		<i>For Class 55 Rating, Add</i>	4,551.44	
		<i>For Class 56 Rating, Add</i>	6,030.02	
40 05 19 00-0983	EA	30" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,802.58	1,408.99
		<i>For Class 52 Rating, Deduct</i>	-2,273.45	
		<i>For Class 54 Rating, Add</i>	3,125.78	
		<i>For Class 55 Rating, Add</i>	4,660.14	
		<i>For Class 56 Rating, Add</i>	6,173.84	
40 05 19 00-0984	EA	30" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,294.31	1,412.16
		<i>For Class 52 Rating, Deduct</i>	-2,327.01	
		<i>For Class 54 Rating, Add</i>	3,198.87	
		<i>For Class 55 Rating, Add</i>	4,768.84	
		<i>For Class 56 Rating, Add</i>	6,317.65	
40 05 19 00-0985	EA	30" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,786.05	1,415.35
		<i>For Class 52 Rating, Deduct</i>	-2,380.57	
		<i>For Class 54 Rating, Add</i>	3,271.97	
		<i>For Class 55 Rating, Add</i>	4,877.54	
		<i>For Class 56 Rating, Add</i>	6,461.47	
40 05 19 00-0986	EA	30" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,277.79	1,418.52
		<i>For Class 52 Rating, Deduct</i>	-2,434.14	
		<i>For Class 54 Rating, Add</i>	3,345.07	
		<i>For Class 55 Rating, Add</i>	4,986.24	
		<i>For Class 56 Rating, Add</i>	6,605.29	
40 05 19 00-0987	EA	30" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,769.52	1,421.69
		<i>For Class 52 Rating, Deduct</i>	-2,487.70	
		<i>For Class 54 Rating, Add</i>	3,418.16	
		<i>For Class 55 Rating, Add</i>	5,094.94	
		<i>For Class 56 Rating, Add</i>	6,749.10	
40 05 19 00-0988	EA	30" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,261.26	1,424.87
		<i>For Class 52 Rating, Deduct</i>	-2,541.26	
		<i>For Class 54 Rating, Add</i>	3,491.26	
		<i>For Class 55 Rating, Add</i>	5,203.64	
		<i>For Class 56 Rating, Add</i>	6,892.92	

40 05 19 00-0989 36" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe

(40 05 19 00-0954)

40 05 19 00-0990	EA	36" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,679.73	1,656.52
		<i>For Class 52 Rating, Deduct</i>	-788.68	
		<i>For Class 54 Rating, Add</i>	1,105.59	
		<i>For Class 55 Rating, Add</i>	1,659.11	
		<i>For Class 56 Rating, Add</i>	2,205.46	
40 05 19 00-0991	EA	36" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,346.91	1,659.69
		<i>For Class 52 Rating, Deduct</i>	-861.54	
		<i>For Class 54 Rating, Add</i>	1,205.01	
		<i>For Class 55 Rating, Add</i>	1,806.94	
		<i>For Class 56 Rating, Add</i>	2,401.03	
40 05 19 00-0992	EA	36" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,014.08	1,662.87
		<i>For Class 52 Rating, Deduct</i>	-934.40	
		<i>For Class 54 Rating, Add</i>	1,304.42	
		<i>For Class 55 Rating, Add</i>	1,954.76	
		<i>For Class 56 Rating, Add</i>	2,596.61	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0993 EA 36" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,681.27	1,666.04
<i>For Class 52 Rating, Deduct</i>	-1,007.27	
<i>For Class 54 Rating, Add</i>	1,403.84	
<i>For Class 55 Rating, Add</i>	2,102.59	
<i>For Class 56 Rating, Add</i>	2,792.18	
40 05 19 00-0994 EA 36" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,348.45	1,669.21
<i>For Class 52 Rating, Deduct</i>	-1,080.13	
<i>For Class 54 Rating, Add</i>	1,503.25	
<i>For Class 55 Rating, Add</i>	2,250.41	
<i>For Class 56 Rating, Add</i>	2,987.75	
40 05 19 00-0995 EA 36" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,015.64	1,672.39
<i>For Class 52 Rating, Deduct</i>	-1,152.99	
<i>For Class 54 Rating, Add</i>	1,602.67	
<i>For Class 55 Rating, Add</i>	2,398.24	
<i>For Class 56 Rating, Add</i>	3,183.33	
40 05 19 00-0996 EA 36" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,682.83	1,675.57
<i>For Class 52 Rating, Deduct</i>	-1,225.85	
<i>For Class 54 Rating, Add</i>	1,702.08	
<i>For Class 55 Rating, Add</i>	2,546.06	
<i>For Class 56 Rating, Add</i>	3,378.90	
40 05 19 00-0997 EA 36" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,350.02	1,678.74
<i>For Class 52 Rating, Deduct</i>	-1,298.71	
<i>For Class 54 Rating, Add</i>	1,801.49	
<i>For Class 55 Rating, Add</i>	2,693.89	
<i>For Class 56 Rating, Add</i>	3,574.48	
40 05 19 00-0998 EA 36" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,017.20	1,681.91
<i>For Class 52 Rating, Deduct</i>	-1,371.57	
<i>For Class 54 Rating, Add</i>	1,900.91	
<i>For Class 55 Rating, Add</i>	2,841.71	
<i>For Class 56 Rating, Add</i>	3,770.05	
40 05 19 00-0999 EA 36" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,684.39	1,685.08
<i>For Class 52 Rating, Deduct</i>	-1,444.44	
<i>For Class 54 Rating, Add</i>	2,000.32	
<i>For Class 55 Rating, Add</i>	2,989.54	
<i>For Class 56 Rating, Add</i>	3,965.63	
40 05 19 00-1000 EA 36" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,351.58	1,688.26
<i>For Class 52 Rating, Deduct</i>	-1,517.30	
<i>For Class 54 Rating, Add</i>	2,099.74	
<i>For Class 55 Rating, Add</i>	3,137.37	
<i>For Class 56 Rating, Add</i>	4,161.20	
40 05 19 00-1001 EA 36" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,018.76	1,691.43
<i>For Class 52 Rating, Deduct</i>	-1,590.16	
<i>For Class 54 Rating, Add</i>	2,199.15	
<i>For Class 55 Rating, Add</i>	3,285.19	
<i>For Class 56 Rating, Add</i>	4,356.77	
40 05 19 00-1002 EA 36" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,685.94	1,694.60
<i>For Class 52 Rating, Deduct</i>	-1,663.02	
<i>For Class 54 Rating, Add</i>	2,298.56	
<i>For Class 55 Rating, Add</i>	3,433.02	
<i>For Class 56 Rating, Add</i>	4,552.35	
40 05 19 00-1003 EA 36" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,353.13	1,697.77
<i>For Class 52 Rating, Deduct</i>	-1,735.88	
<i>For Class 54 Rating, Add</i>	2,397.98	
<i>For Class 55 Rating, Add</i>	3,580.84	
<i>For Class 56 Rating, Add</i>	4,747.92	
40 05 19 00-1004 EA 36" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,020.31	1,700.95
<i>For Class 52 Rating, Deduct</i>	-1,808.74	
<i>For Class 54 Rating, Add</i>	2,497.39	
<i>For Class 55 Rating, Add</i>	3,728.67	
<i>For Class 56 Rating, Add</i>	4,943.50	
40 05 19 00-1005 EA 36" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,687.49	1,704.12
<i>For Class 52 Rating, Deduct</i>	-1,881.60	
<i>For Class 54 Rating, Add</i>	2,596.81	
<i>For Class 55 Rating, Add</i>	3,876.49	
<i>For Class 56 Rating, Add</i>	5,139.07	
40 05 19 00-1006 EA 36" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,354.68	1,707.30
<i>For Class 52 Rating, Deduct</i>	-1,954.47	
<i>For Class 54 Rating, Add</i>	2,696.22	
<i>For Class 55 Rating, Add</i>	4,024.32	
<i>For Class 56 Rating, Add</i>	5,334.65	
40 05 19 00-1007 EA 36" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,021.86	1,710.47
<i>For Class 52 Rating, Deduct</i>	-2,027.33	
<i>For Class 54 Rating, Add</i>	2,795.64	
<i>For Class 55 Rating, Add</i>	4,172.14	
<i>For Class 56 Rating, Add</i>	5,530.22	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-1008	EA 36" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,689.05	1,713.65
	For Class 52 Rating, Deduct	-2,100.19	
	For Class 54 Rating, Add	2,895.05	
	For Class 55 Rating, Add	4,319.97	
	For Class 56 Rating, Add	5,725.79	
40 05 19 00-1009	EA 36" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,356.24	1,716.82
	For Class 52 Rating, Deduct	-2,173.05	
	For Class 54 Rating, Add	2,994.46	
	For Class 55 Rating, Add	4,467.79	
	For Class 56 Rating, Add	5,921.37	
40 05 19 00-1010	EA 36" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,023.43	1,719.99
	For Class 52 Rating, Deduct	-2,245.91	
	For Class 54 Rating, Add	3,093.88	
	For Class 55 Rating, Add	4,615.62	
	For Class 56 Rating, Add	6,116.94	
40 05 19 00-1011	EA 36" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,690.61	1,723.16
	For Class 52 Rating, Deduct	-2,318.77	
	For Class 54 Rating, Add	3,193.29	
	For Class 55 Rating, Add	4,763.44	
	For Class 56 Rating, Add	6,312.52	
40 05 19 00-1012	EA 36" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,357.79	1,726.34
	For Class 52 Rating, Deduct	-2,391.63	
	For Class 54 Rating, Add	3,292.71	
	For Class 55 Rating, Add	4,911.27	
	For Class 56 Rating, Add	6,508.09	
40 05 19 00-1013	EA 36" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,024.98	1,729.51
	For Class 52 Rating, Deduct	-2,464.50	
	For Class 54 Rating, Add	3,392.12	
	For Class 55 Rating, Add	5,059.10	
	For Class 56 Rating, Add	6,703.67	
40 05 19 00-1014	EA 36" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,692.16	1,732.68
	For Class 52 Rating, Deduct	-2,537.36	
	For Class 54 Rating, Add	3,491.54	
	For Class 55 Rating, Add	5,206.92	
	For Class 56 Rating, Add	6,899.24	
40 05 19 00-1015	EA 36" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,359.35	1,735.86
	For Class 52 Rating, Deduct	-2,610.22	
	For Class 54 Rating, Add	3,590.95	
	For Class 55 Rating, Add	5,354.75	
	For Class 56 Rating, Add	7,094.81	
40 05 19 00-1016	EA 36" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,026.54	1,739.03
	For Class 52 Rating, Deduct	-2,683.08	
	For Class 54 Rating, Add	3,690.36	
	For Class 55 Rating, Add	5,502.57	
	For Class 56 Rating, Add	7,290.39	
40 05 19 00-1017	EA 36" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,693.71	1,742.20
	For Class 52 Rating, Deduct	-2,755.94	
	For Class 54 Rating, Add	3,789.78	
	For Class 55 Rating, Add	5,650.40	
	For Class 56 Rating, Add	7,485.96	
40 05 19 00-1018	EA 36" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,360.90	1,745.38
	For Class 52 Rating, Deduct	-2,828.80	
	For Class 54 Rating, Add	3,889.19	
	For Class 55 Rating, Add	5,798.22	
	For Class 56 Rating, Add	7,681.54	
40 05 19 00-1019	EA 36" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,028.09	1,748.56
	For Class 52 Rating, Deduct	-2,901.66	
	For Class 54 Rating, Add	3,988.61	
	For Class 55 Rating, Add	5,946.05	
	For Class 56 Rating, Add	7,877.11	
40 05 19 00-1020	EA 36" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,695.28	1,751.73
	For Class 52 Rating, Deduct	-2,974.53	
	For Class 54 Rating, Add	4,088.02	
	For Class 55 Rating, Add	6,093.88	
	For Class 56 Rating, Add	8,072.69	
40 05 19 00-1021	EA 36" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,362.46	1,754.90
	For Class 52 Rating, Deduct	-3,047.39	
	For Class 54 Rating, Add	4,187.44	
	For Class 55 Rating, Add	6,241.70	
	For Class 56 Rating, Add	8,268.26	
40 05 19 00-1022	EA 36" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,029.64	1,758.07
	For Class 52 Rating, Deduct	-3,120.25	
	For Class 54 Rating, Add	4,286.85	
	For Class 55 Rating, Add	6,389.53	
	For Class 56 Rating, Add	8,463.84	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1023	EA		36" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,696.83	1,761.25
			For Class 52 Rating, Deduct	-3,193.11	
			For Class 54 Rating, Add	4,386.26	
			For Class 55 Rating, Add	6,537.35	
			For Class 56 Rating, Add	8,659.41	
40 05 19 00-1024	EA		36" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,364.01	1,764.42
			For Class 52 Rating, Deduct	-3,265.97	
			For Class 54 Rating, Add	4,485.68	
			For Class 55 Rating, Add	6,685.18	
			For Class 56 Rating, Add	8,854.98	
40 05 19 00-1025	EA		36" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,031.20	1,767.59
			For Class 52 Rating, Deduct	-3,338.83	
			For Class 54 Rating, Add	4,585.09	
			For Class 55 Rating, Add	6,833.00	
			For Class 56 Rating, Add	9,050.56	
40 05 19 00-1026	EA		36" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,698.39	1,770.76
			For Class 52 Rating, Deduct	-3,411.70	
			For Class 54 Rating, Add	4,684.51	
			For Class 55 Rating, Add	6,980.83	
			For Class 56 Rating, Add	9,246.13	
40 05 19 00-1027	EA		36" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,365.57	1,773.94
			For Class 52 Rating, Deduct	-3,484.56	
			For Class 54 Rating, Add	4,783.92	
			For Class 55 Rating, Add	7,128.65	
			For Class 56 Rating, Add	9,441.71	
40 05 19 00-1028			Flanged End x Plain End (FxPE), Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0001)</small>		
40 05 19 00-1029			4" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-1028)</small>		
40 05 19 00-1030	EA		4" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	520.99	155.19
			For Class 52 Rating, Deduct	-31.44	
			For Class 54 Rating, Add	45.70	
			For Class 55 Rating, Add	69.39	
			For Class 56 Rating, Add	92.79	
40 05 19 00-1031	EA		4" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	576.36	157.92
			For Class 52 Rating, Deduct	-37.08	
			For Class 54 Rating, Add	53.44	
			For Class 55 Rating, Add	80.92	
			For Class 56 Rating, Add	108.06	
40 05 19 00-1032	EA		4" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	631.73	160.63
			For Class 52 Rating, Deduct	-42.72	
			For Class 54 Rating, Add	61.17	
			For Class 55 Rating, Add	92.45	
			For Class 56 Rating, Add	123.33	
40 05 19 00-1033	EA		4" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	687.08	163.33
			For Class 52 Rating, Deduct	-48.36	
			For Class 54 Rating, Add	68.91	
			For Class 55 Rating, Add	103.97	
			For Class 56 Rating, Add	138.59	
40 05 19 00-1034	EA		4" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	742.46	166.05
			For Class 52 Rating, Deduct	-54.00	
			For Class 54 Rating, Add	76.65	
			For Class 55 Rating, Add	115.50	
			For Class 56 Rating, Add	153.86	
40 05 19 00-1035	EA		4" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	797.82	168.77
			For Class 52 Rating, Deduct	-59.63	
			For Class 54 Rating, Add	84.39	
			For Class 55 Rating, Add	127.03	
			For Class 56 Rating, Add	169.13	
40 05 19 00-1036	EA		4" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	853.19	171.48
			For Class 52 Rating, Deduct	-65.27	
			For Class 54 Rating, Add	92.12	
			For Class 55 Rating, Add	138.56	
			For Class 56 Rating, Add	184.40	
40 05 19 00-1037	EA		4" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	908.55	174.19
			For Class 52 Rating, Deduct	-70.91	
			For Class 54 Rating, Add	99.86	
			For Class 55 Rating, Add	150.09	
			For Class 56 Rating, Add	199.67	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1038	EA		4" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	963.92	176.91
			For Class 52 Rating, Deduct	-76.55	
			For Class 54 Rating, Add	107.60	
			For Class 55 Rating, Add	161.62	
			For Class 56 Rating, Add	214.94	
40 05 19 00-1039	EA		4" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,019.30	179.62
			For Class 52 Rating, Deduct	-82.19	
			For Class 54 Rating, Add	115.34	
			For Class 55 Rating, Add	173.15	
			For Class 56 Rating, Add	230.21	
40 05 19 00-1040	EA		4" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,074.66	182.33
			For Class 52 Rating, Deduct	-87.82	
			For Class 54 Rating, Add	123.08	
			For Class 55 Rating, Add	184.67	
			For Class 56 Rating, Add	245.47	
40 05 19 00-1041	EA		4" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,130.02	185.04
			For Class 52 Rating, Deduct	-93.46	
			For Class 54 Rating, Add	130.81	
			For Class 55 Rating, Add	196.20	
			For Class 56 Rating, Add	260.74	
40 05 19 00-1042	EA		4" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,185.39	187.76
			For Class 52 Rating, Deduct	-99.10	
			For Class 54 Rating, Add	138.55	
			For Class 55 Rating, Add	207.73	
			For Class 56 Rating, Add	276.01	
40 05 19 00-1043	EA		4" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,240.76	190.48
			For Class 52 Rating, Deduct	-104.74	
			For Class 54 Rating, Add	146.29	
			For Class 55 Rating, Add	219.26	
			For Class 56 Rating, Add	291.28	
40 05 19 00-1044	EA		4" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,296.12	193.18
			For Class 52 Rating, Deduct	-110.38	
			For Class 54 Rating, Add	154.03	
			For Class 55 Rating, Add	230.79	
			For Class 56 Rating, Add	306.55	
40 05 19 00-1045	EA		4" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,351.49	195.90
			For Class 52 Rating, Deduct	-116.01	
			For Class 54 Rating, Add	161.76	
			For Class 55 Rating, Add	242.32	
			For Class 56 Rating, Add	321.82	
40 05 19 00-1046	EA		4" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,406.85	198.62
			For Class 52 Rating, Deduct	-121.65	
			For Class 54 Rating, Add	169.50	
			For Class 55 Rating, Add	253.84	
			For Class 56 Rating, Add	337.08	
40 05 19 00-1047	EA		4" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,462.23	201.32
			For Class 52 Rating, Deduct	-127.29	
			For Class 54 Rating, Add	177.24	
			For Class 55 Rating, Add	265.37	
			For Class 56 Rating, Add	352.35	
40 05 19 00-1048	EA		4" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,517.58	204.03
			For Class 52 Rating, Deduct	-132.93	
			For Class 54 Rating, Add	184.98	
			For Class 55 Rating, Add	276.90	
			For Class 56 Rating, Add	367.62	
40 05 19 00-1049	EA		4" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,572.95	206.76
			For Class 52 Rating, Deduct	-138.57	
			For Class 54 Rating, Add	192.71	
			For Class 55 Rating, Add	288.43	
			For Class 56 Rating, Add	382.89	
40 05 19 00-1050	EA		4" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,628.32	209.47
			For Class 52 Rating, Deduct	-144.20	
			For Class 54 Rating, Add	200.45	
			For Class 55 Rating, Add	299.96	
			For Class 56 Rating, Add	398.16	
40 05 19 00-1051	EA		4" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,683.69	212.17
			For Class 52 Rating, Deduct	-149.84	
			For Class 54 Rating, Add	208.19	
			For Class 55 Rating, Add	311.49	
			For Class 56 Rating, Add	413.43	
40 05 19 00-1052	EA		4" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,739.06	214.89
			For Class 52 Rating, Deduct	-155.48	
			For Class 54 Rating, Add	215.93	
			For Class 55 Rating, Add	323.02	
			For Class 56 Rating, Add	428.69	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1053 EA 4" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,794.42	217.61
<i>For Class 52 Rating, Deduct</i>	-161.12	
<i>For Class 54 Rating, Add</i>	223.66	
<i>For Class 55 Rating, Add</i>	334.55	
<i>For Class 56 Rating, Add</i>	443.96	
40 05 19 00-1054 EA 4" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,849.79	220.31
<i>For Class 52 Rating, Deduct</i>	-166.76	
<i>For Class 54 Rating, Add</i>	231.40	
<i>For Class 55 Rating, Add</i>	346.07	
<i>For Class 56 Rating, Add</i>	459.23	
40 05 19 00-1055 EA 4" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,905.15	223.02
<i>For Class 52 Rating, Deduct</i>	-172.40	
<i>For Class 54 Rating, Add</i>	239.14	
<i>For Class 55 Rating, Add</i>	357.60	
<i>For Class 56 Rating, Add</i>	474.50	
40 05 19 00-1056 EA 4" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,960.52	225.75
<i>For Class 52 Rating, Deduct</i>	-178.03	
<i>For Class 54 Rating, Add</i>	246.88	
<i>For Class 55 Rating, Add</i>	369.13	
<i>For Class 56 Rating, Add</i>	489.77	
40 05 19 00-1057 EA 4" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,015.88	228.46
<i>For Class 52 Rating, Deduct</i>	-183.67	
<i>For Class 54 Rating, Add</i>	254.61	
<i>For Class 55 Rating, Add</i>	380.66	
<i>For Class 56 Rating, Add</i>	505.03	
40 05 19 00-1058 EA 4" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,071.26	231.16
<i>For Class 52 Rating, Deduct</i>	-189.31	
<i>For Class 54 Rating, Add</i>	262.35	
<i>For Class 55 Rating, Add</i>	392.19	
<i>For Class 56 Rating, Add</i>	520.30	
40 05 19 00-1059 EA 4" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,126.61	233.89
<i>For Class 52 Rating, Deduct</i>	-194.95	
<i>For Class 54 Rating, Add</i>	270.09	
<i>For Class 55 Rating, Add</i>	403.72	
<i>For Class 56 Rating, Add</i>	535.57	
40 05 19 00-1060 EA 4" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,181.99	236.60
<i>For Class 52 Rating, Deduct</i>	-200.59	
<i>For Class 54 Rating, Add</i>	277.83	
<i>For Class 55 Rating, Add</i>	415.25	
<i>For Class 56 Rating, Add</i>	550.84	
40 05 19 00-1061 EA 4" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,237.35	239.31
<i>For Class 52 Rating, Deduct</i>	-206.22	
<i>For Class 54 Rating, Add</i>	285.57	
<i>For Class 55 Rating, Add</i>	426.77	
<i>For Class 56 Rating, Add</i>	566.11	
40 05 19 00-1062 EA 4" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,292.72	242.02
<i>For Class 52 Rating, Deduct</i>	-211.86	
<i>For Class 54 Rating, Add</i>	293.30	
<i>For Class 55 Rating, Add</i>	438.30	
<i>For Class 56 Rating, Add</i>	581.38	
40 05 19 00-1063 EA 4" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,348.08	244.74
<i>For Class 52 Rating, Deduct</i>	-217.50	
<i>For Class 54 Rating, Add</i>	301.04	
<i>For Class 55 Rating, Add</i>	449.83	
<i>For Class 56 Rating, Add</i>	596.64	
40 05 19 00-1064 EA 4" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,403.45	247.45
<i>For Class 52 Rating, Deduct</i>	-223.14	
<i>For Class 54 Rating, Add</i>	308.78	
<i>For Class 55 Rating, Add</i>	461.36	
<i>For Class 56 Rating, Add</i>	611.91	
40 05 19 00-1065 EA 4" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,458.81	250.16
<i>For Class 52 Rating, Deduct</i>	-228.78	
<i>For Class 54 Rating, Add</i>	316.52	
<i>For Class 55 Rating, Add</i>	472.89	
<i>For Class 56 Rating, Add</i>	627.18	
40 05 19 00-1066 EA 4" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,514.18	252.88
<i>For Class 52 Rating, Deduct</i>	-234.41	
<i>For Class 54 Rating, Add</i>	324.25	
<i>For Class 55 Rating, Add</i>	484.42	
<i>For Class 56 Rating, Add</i>	642.45	
40 05 19 00-1067 EA 4" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,569.55	255.59
<i>For Class 52 Rating, Deduct</i>	-240.05	
<i>For Class 54 Rating, Add</i>	331.99	
<i>For Class 55 Rating, Add</i>	495.95	
<i>For Class 56 Rating, Add</i>	657.72	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-1068	EA	4" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,624.92	258.31
		<i>For Class 52 Rating, Deduct</i>	-245.69	
		<i>For Class 54 Rating, Add</i>	339.73	
		<i>For Class 55 Rating, Add</i>	507.47	
		<i>For Class 56 Rating, Add</i>	672.99	
40 05 19 00-1069		6" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-1028)</small>		
40 05 19 00-1070	EA	6" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	652.81	195.36
		<i>For Class 52 Rating, Deduct</i>	-39.25	
		<i>For Class 54 Rating, Add</i>	57.07	
		<i>For Class 55 Rating, Add</i>	86.67	
		<i>For Class 56 Rating, Add</i>	115.92	
40 05 19 00-1071	EA	6" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	720.00	198.07
		<i>For Class 52 Rating, Deduct</i>	-46.19	
		<i>For Class 54 Rating, Add</i>	66.59	
		<i>For Class 55 Rating, Add</i>	100.84	
		<i>For Class 56 Rating, Add</i>	134.67	
40 05 19 00-1072	EA	6" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	787.20	200.78
		<i>For Class 52 Rating, Deduct</i>	-53.13	
		<i>For Class 54 Rating, Add</i>	76.10	
		<i>For Class 55 Rating, Add</i>	115.01	
		<i>For Class 56 Rating, Add</i>	153.43	
40 05 19 00-1073	EA	6" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	854.39	203.50
		<i>For Class 52 Rating, Deduct</i>	-60.07	
		<i>For Class 54 Rating, Add</i>	85.61	
		<i>For Class 55 Rating, Add</i>	129.17	
		<i>For Class 56 Rating, Add</i>	172.19	
40 05 19 00-1074	EA	6" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	921.59	206.21
		<i>For Class 52 Rating, Deduct</i>	-67.01	
		<i>For Class 54 Rating, Add</i>	95.12	
		<i>For Class 55 Rating, Add</i>	143.34	
		<i>For Class 56 Rating, Add</i>	190.95	
40 05 19 00-1075	EA	6" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	988.78	208.92
		<i>For Class 52 Rating, Deduct</i>	-73.95	
		<i>For Class 54 Rating, Add</i>	104.63	
		<i>For Class 55 Rating, Add</i>	157.50	
		<i>For Class 56 Rating, Add</i>	209.70	
40 05 19 00-1076	EA	6" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,055.98	211.63
		<i>For Class 52 Rating, Deduct</i>	-80.89	
		<i>For Class 54 Rating, Add</i>	114.15	
		<i>For Class 55 Rating, Add</i>	171.67	
		<i>For Class 56 Rating, Add</i>	228.46	
40 05 19 00-1077	EA	6" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,123.17	214.35
		<i>For Class 52 Rating, Deduct</i>	-87.82	
		<i>For Class 54 Rating, Add</i>	123.66	
		<i>For Class 55 Rating, Add</i>	185.84	
		<i>For Class 56 Rating, Add</i>	247.22	
40 05 19 00-1078	EA	6" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,190.36	217.07
		<i>For Class 52 Rating, Deduct</i>	-94.76	
		<i>For Class 54 Rating, Add</i>	133.17	
		<i>For Class 55 Rating, Add</i>	200.00	
		<i>For Class 56 Rating, Add</i>	265.98	
40 05 19 00-1079	EA	6" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,257.56	219.77
		<i>For Class 52 Rating, Deduct</i>	-101.70	
		<i>For Class 54 Rating, Add</i>	142.68	
		<i>For Class 55 Rating, Add</i>	214.17	
		<i>For Class 56 Rating, Add</i>	284.74	
40 05 19 00-1080	EA	6" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,324.76	222.49
		<i>For Class 52 Rating, Deduct</i>	-108.64	
		<i>For Class 54 Rating, Add</i>	152.19	
		<i>For Class 55 Rating, Add</i>	228.34	
		<i>For Class 56 Rating, Add</i>	303.49	
40 05 19 00-1081	EA	6" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,391.94	225.20
		<i>For Class 52 Rating, Deduct</i>	-115.58	
		<i>For Class 54 Rating, Add</i>	161.70	
		<i>For Class 55 Rating, Add</i>	242.50	
		<i>For Class 56 Rating, Add</i>	322.25	
40 05 19 00-1082	EA	6" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,459.15	227.91
		<i>For Class 52 Rating, Deduct</i>	-122.52	
		<i>For Class 54 Rating, Add</i>	171.22	
		<i>For Class 55 Rating, Add</i>	256.67	
		<i>For Class 56 Rating, Add</i>	341.01	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1083 EA 6" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,526.34	230.62
For Class 52 Rating, Deduct	-129.46	
For Class 54 Rating, Add	180.73	
For Class 55 Rating, Add	270.84	
For Class 56 Rating, Add	359.77	
40 05 19 00-1084 EA 6" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,593.53	233.34
For Class 52 Rating, Deduct	-136.40	
For Class 54 Rating, Add	190.24	
For Class 55 Rating, Add	285.00	
For Class 56 Rating, Add	378.52	
40 05 19 00-1085 EA 6" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,660.73	236.06
For Class 52 Rating, Deduct	-143.34	
For Class 54 Rating, Add	199.75	
For Class 55 Rating, Add	299.17	
For Class 56 Rating, Add	397.28	
40 05 19 00-1086 EA 6" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,727.92	238.76
For Class 52 Rating, Deduct	-150.28	
For Class 54 Rating, Add	209.26	
For Class 55 Rating, Add	313.33	
For Class 56 Rating, Add	416.04	
40 05 19 00-1087 EA 6" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,795.12	241.48
For Class 52 Rating, Deduct	-157.22	
For Class 54 Rating, Add	218.78	
For Class 55 Rating, Add	327.50	
For Class 56 Rating, Add	434.80	
40 05 19 00-1088 EA 6" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,862.31	244.20
For Class 52 Rating, Deduct	-164.16	
For Class 54 Rating, Add	228.29	
For Class 55 Rating, Add	341.67	
For Class 56 Rating, Add	453.55	
40 05 19 00-1089 EA 6" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,929.50	246.91
For Class 52 Rating, Deduct	-171.09	
For Class 54 Rating, Add	237.80	
For Class 55 Rating, Add	355.83	
For Class 56 Rating, Add	472.31	
40 05 19 00-1090 EA 6" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,996.71	249.61
For Class 52 Rating, Deduct	-178.03	
For Class 54 Rating, Add	247.31	
For Class 55 Rating, Add	370.00	
For Class 56 Rating, Add	491.07	
40 05 19 00-1091 EA 6" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,063.89	252.34
For Class 52 Rating, Deduct	-184.97	
For Class 54 Rating, Add	256.82	
For Class 55 Rating, Add	384.17	
For Class 56 Rating, Add	509.83	
40 05 19 00-1092 EA 6" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,131.08	255.05
For Class 52 Rating, Deduct	-191.91	
For Class 54 Rating, Add	266.33	
For Class 55 Rating, Add	398.33	
For Class 56 Rating, Add	528.58	
40 05 19 00-1093 EA 6" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,198.29	257.75
For Class 52 Rating, Deduct	-198.85	
For Class 54 Rating, Add	275.85	
For Class 55 Rating, Add	412.50	
For Class 56 Rating, Add	547.34	
40 05 19 00-1094 EA 6" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,265.48	260.48
For Class 52 Rating, Deduct	-205.79	
For Class 54 Rating, Add	285.36	
For Class 55 Rating, Add	426.66	
For Class 56 Rating, Add	566.10	
40 05 19 00-1095 EA 6" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,332.66	263.19
For Class 52 Rating, Deduct	-212.73	
For Class 54 Rating, Add	294.87	
For Class 55 Rating, Add	440.83	
For Class 56 Rating, Add	584.86	
40 05 19 00-1096 EA 6" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,399.87	265.90
For Class 52 Rating, Deduct	-219.67	
For Class 54 Rating, Add	304.38	
For Class 55 Rating, Add	455.00	
For Class 56 Rating, Add	603.62	
40 05 19 00-1097 EA 6" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,467.06	268.61
For Class 52 Rating, Deduct	-226.61	
For Class 54 Rating, Add	313.89	
For Class 55 Rating, Add	469.16	
For Class 56 Rating, Add	622.37	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-1098	EA	6" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,534.26	271.33
		<i>For Class 52 Rating, Deduct</i>	-233.55	
		<i>For Class 54 Rating, Add</i>	323.41	
		<i>For Class 55 Rating, Add</i>	483.33	
		<i>For Class 56 Rating, Add</i>	641.13	
40 05 19 00-1099	EA	6" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,601.45	274.04
		<i>For Class 52 Rating, Deduct</i>	-240.49	
		<i>For Class 54 Rating, Add</i>	332.92	
		<i>For Class 55 Rating, Add</i>	497.50	
		<i>For Class 56 Rating, Add</i>	659.89	
40 05 19 00-1100	EA	6" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,668.64	276.75
		<i>For Class 52 Rating, Deduct</i>	-247.43	
		<i>For Class 54 Rating, Add</i>	342.43	
		<i>For Class 55 Rating, Add</i>	511.66	
		<i>For Class 56 Rating, Add</i>	678.64	
40 05 19 00-1101	EA	6" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,735.85	279.47
		<i>For Class 52 Rating, Deduct</i>	-254.37	
		<i>For Class 54 Rating, Add</i>	351.94	
		<i>For Class 55 Rating, Add</i>	525.83	
		<i>For Class 56 Rating, Add</i>	697.40	
40 05 19 00-1102	EA	6" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,803.03	282.18
		<i>For Class 52 Rating, Deduct</i>	-261.30	
		<i>For Class 54 Rating, Add</i>	361.45	
		<i>For Class 55 Rating, Add</i>	540.00	
		<i>For Class 56 Rating, Add</i>	716.16	
40 05 19 00-1103	EA	6" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,870.22	284.90
		<i>For Class 52 Rating, Deduct</i>	-268.24	
		<i>For Class 54 Rating, Add</i>	370.97	
		<i>For Class 55 Rating, Add</i>	554.16	
		<i>For Class 56 Rating, Add</i>	734.92	
40 05 19 00-1104	EA	6" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,937.43	287.60
		<i>For Class 52 Rating, Deduct</i>	-275.18	
		<i>For Class 54 Rating, Add</i>	380.48	
		<i>For Class 55 Rating, Add</i>	568.33	
		<i>For Class 56 Rating, Add</i>	753.68	
40 05 19 00-1105	EA	6" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,004.62	290.32
		<i>For Class 52 Rating, Deduct</i>	-282.12	
		<i>For Class 54 Rating, Add</i>	389.99	
		<i>For Class 55 Rating, Add</i>	582.49	
		<i>For Class 56 Rating, Add</i>	772.43	
40 05 19 00-1106	EA	6" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,071.81	293.03
		<i>For Class 52 Rating, Deduct</i>	-289.06	
		<i>For Class 54 Rating, Add</i>	399.50	
		<i>For Class 55 Rating, Add</i>	596.66	
		<i>For Class 56 Rating, Add</i>	791.19	
40 05 19 00-1107	EA	6" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,139.01	295.74
		<i>For Class 52 Rating, Deduct</i>	-296.00	
		<i>For Class 54 Rating, Add</i>	409.01	
		<i>For Class 55 Rating, Add</i>	610.83	
		<i>For Class 56 Rating, Add</i>	809.95	
40 05 19 00-1108	EA	6" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,206.20	298.46
		<i>For Class 52 Rating, Deduct</i>	-302.94	
		<i>For Class 54 Rating, Add</i>	418.53	
		<i>For Class 55 Rating, Add</i>	624.99	
		<i>For Class 56 Rating, Add</i>	828.71	
40 05 19 00-1109		8" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-1028)</small>		
40 05 19 00-1110	EA	8" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	896.69	249.61
		<i>For Class 52 Rating, Deduct</i>	-57.03	
		<i>For Class 54 Rating, Add</i>	82.31	
		<i>For Class 55 Rating, Add</i>	124.70	
		<i>For Class 56 Rating, Add</i>	166.56	
40 05 19 00-1111	EA	8" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	987.53	252.34
		<i>For Class 52 Rating, Deduct</i>	-66.57	
		<i>For Class 54 Rating, Add</i>	95.37	
		<i>For Class 55 Rating, Add</i>	144.14	
		<i>For Class 56 Rating, Add</i>	192.30	
40 05 19 00-1112	EA	8" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,078.38	255.05
		<i>For Class 52 Rating, Deduct</i>	-76.11	
		<i>For Class 54 Rating, Add</i>	108.43	
		<i>For Class 55 Rating, Add</i>	163.58	
		<i>For Class 56 Rating, Add</i>	218.04	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1113 EA 8" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,169.24	257.75
For Class 52 Rating, Deduct	-85.66	
For Class 54 Rating, Add	121.49	
For Class 55 Rating, Add	183.02	
For Class 56 Rating, Add	243.77	
40 05 19 00-1114 EA 8" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,260.09	260.48
For Class 52 Rating, Deduct	-95.20	
For Class 54 Rating, Add	134.55	
For Class 55 Rating, Add	202.46	
For Class 56 Rating, Add	269.51	
40 05 19 00-1115 EA 8" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,350.93	263.19
For Class 52 Rating, Deduct	-104.74	
For Class 54 Rating, Add	147.61	
For Class 55 Rating, Add	221.90	
For Class 56 Rating, Add	295.25	
40 05 19 00-1116 EA 8" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,441.79	265.90
For Class 52 Rating, Deduct	-114.28	
For Class 54 Rating, Add	160.67	
For Class 55 Rating, Add	241.35	
For Class 56 Rating, Add	320.98	
40 05 19 00-1117 EA 8" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,532.64	268.61
For Class 52 Rating, Deduct	-123.82	
For Class 54 Rating, Add	173.73	
For Class 55 Rating, Add	260.79	
For Class 56 Rating, Add	346.72	
40 05 19 00-1118 EA 8" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,623.50	271.33
For Class 52 Rating, Deduct	-133.36	
For Class 54 Rating, Add	186.79	
For Class 55 Rating, Add	280.23	
For Class 56 Rating, Add	372.46	
40 05 19 00-1119 EA 8" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,714.34	274.04
For Class 52 Rating, Deduct	-142.90	
For Class 54 Rating, Add	199.85	
For Class 55 Rating, Add	299.67	
For Class 56 Rating, Add	398.19	
40 05 19 00-1120 EA 8" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,805.19	276.75
For Class 52 Rating, Deduct	-152.45	
For Class 54 Rating, Add	212.91	
For Class 55 Rating, Add	319.11	
For Class 56 Rating, Add	423.93	
40 05 19 00-1121 EA 8" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,896.05	279.47
For Class 52 Rating, Deduct	-161.99	
For Class 54 Rating, Add	225.97	
For Class 55 Rating, Add	338.55	
For Class 56 Rating, Add	449.66	
40 05 19 00-1122 EA 8" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,986.89	282.18
For Class 52 Rating, Deduct	-171.53	
For Class 54 Rating, Add	239.03	
For Class 55 Rating, Add	358.00	
For Class 56 Rating, Add	475.40	
40 05 19 00-1123 EA 8" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,077.74	284.90
For Class 52 Rating, Deduct	-181.07	
For Class 54 Rating, Add	252.09	
For Class 55 Rating, Add	377.44	
For Class 56 Rating, Add	501.14	
40 05 19 00-1124 EA 8" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,168.60	287.60
For Class 52 Rating, Deduct	-190.61	
For Class 54 Rating, Add	265.15	
For Class 55 Rating, Add	396.88	
For Class 56 Rating, Add	526.87	
40 05 19 00-1125 EA 8" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,259.45	290.32
For Class 52 Rating, Deduct	-200.15	
For Class 54 Rating, Add	278.21	
For Class 55 Rating, Add	416.32	
For Class 56 Rating, Add	552.61	
40 05 19 00-1126 EA 8" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,350.30	293.03
For Class 52 Rating, Deduct	-209.69	
For Class 54 Rating, Add	291.27	
For Class 55 Rating, Add	435.76	
For Class 56 Rating, Add	578.35	
40 05 19 00-1127 EA 8" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,441.14	295.74
For Class 52 Rating, Deduct	-219.23	
For Class 54 Rating, Add	304.33	
For Class 55 Rating, Add	455.20	
For Class 56 Rating, Add	604.08	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-1128	EA 8" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,531.99	298.46
	For Class 52 Rating, Deduct	-228.78	
	For Class 54 Rating, Add	317.39	
	For Class 55 Rating, Add	474.64	
	For Class 56 Rating, Add	629.81	
40 05 19 00-1129	EA 8" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,622.85	301.17
	For Class 52 Rating, Deduct	-238.32	
	For Class 54 Rating, Add	330.45	
	For Class 55 Rating, Add	494.09	
	For Class 56 Rating, Add	655.55	
40 05 19 00-1130	EA 8" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,713.69	303.89
	For Class 52 Rating, Deduct	-247.86	
	For Class 54 Rating, Add	343.51	
	For Class 55 Rating, Add	513.53	
	For Class 56 Rating, Add	681.29	
40 05 19 00-1131	EA 8" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,804.54	306.60
	For Class 52 Rating, Deduct	-257.40	
	For Class 54 Rating, Add	356.57	
	For Class 55 Rating, Add	532.97	
	For Class 56 Rating, Add	707.02	
40 05 19 00-1132	EA 8" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,895.40	309.31
	For Class 52 Rating, Deduct	-266.94	
	For Class 54 Rating, Add	369.63	
	For Class 55 Rating, Add	552.41	
	For Class 56 Rating, Add	732.76	
40 05 19 00-1133	EA 8" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,986.24	312.03
	For Class 52 Rating, Deduct	-276.48	
	For Class 54 Rating, Add	382.70	
	For Class 55 Rating, Add	571.85	
	For Class 56 Rating, Add	758.50	
40 05 19 00-1134	EA 8" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,077.10	314.74
	For Class 52 Rating, Deduct	-286.02	
	For Class 54 Rating, Add	395.76	
	For Class 55 Rating, Add	591.29	
	For Class 56 Rating, Add	784.23	
40 05 19 00-1135	EA 8" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,167.95	317.45
	For Class 52 Rating, Deduct	-295.57	
	For Class 54 Rating, Add	408.82	
	For Class 55 Rating, Add	610.74	
	For Class 56 Rating, Add	809.97	
40 05 19 00-1136	EA 8" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,258.80	320.17
	For Class 52 Rating, Deduct	-305.11	
	For Class 54 Rating, Add	421.88	
	For Class 55 Rating, Add	630.18	
	For Class 56 Rating, Add	835.71	
40 05 19 00-1137	EA 8" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,349.65	322.88
	For Class 52 Rating, Deduct	-314.65	
	For Class 54 Rating, Add	434.94	
	For Class 55 Rating, Add	649.62	
	For Class 56 Rating, Add	861.44	
40 05 19 00-1138	EA 8" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,440.50	325.59
	For Class 52 Rating, Deduct	-324.19	
	For Class 54 Rating, Add	448.00	
	For Class 55 Rating, Add	669.06	
	For Class 56 Rating, Add	887.18	
40 05 19 00-1139	EA 8" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,531.35	328.31
	For Class 52 Rating, Deduct	-333.73	
	For Class 54 Rating, Add	461.06	
	For Class 55 Rating, Add	688.50	
	For Class 56 Rating, Add	912.91	
40 05 19 00-1140	EA 8" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,622.21	331.02
	For Class 52 Rating, Deduct	-343.27	
	For Class 54 Rating, Add	474.12	
	For Class 55 Rating, Add	707.94	
	For Class 56 Rating, Add	938.65	
40 05 19 00-1141	EA 8" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,713.05	333.73
	For Class 52 Rating, Deduct	-352.81	
	For Class 54 Rating, Add	487.18	
	For Class 55 Rating, Add	727.39	
	For Class 56 Rating, Add	964.39	
40 05 19 00-1142	EA 8" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,803.91	336.45
	For Class 52 Rating, Deduct	-362.36	
	For Class 54 Rating, Add	500.24	
	For Class 55 Rating, Add	746.83	
	For Class 56 Rating, Add	990.12	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1143 EA 8" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,894.76	339.16
For Class 52 Rating, Deduct	-371.90	
For Class 54 Rating, Add	513.30	
For Class 55 Rating, Add	766.27	
For Class 56 Rating, Add	1,015.86	
40 05 19 00-1144 EA 8" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,985.60	341.87
For Class 52 Rating, Deduct	-381.44	
For Class 54 Rating, Add	526.36	
For Class 55 Rating, Add	785.71	
For Class 56 Rating, Add	1,041.60	
40 05 19 00-1145 EA 8" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,076.46	344.58
For Class 52 Rating, Deduct	-390.98	
For Class 54 Rating, Add	539.42	
For Class 55 Rating, Add	805.15	
For Class 56 Rating, Add	1,067.33	
40 05 19 00-1146 EA 8" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,167.31	347.30
For Class 52 Rating, Deduct	-400.52	
For Class 54 Rating, Add	552.48	
For Class 55 Rating, Add	824.59	
For Class 56 Rating, Add	1,093.07	
40 05 19 00-1147 EA 8" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,258.16	350.01
For Class 52 Rating, Deduct	-410.06	
For Class 54 Rating, Add	565.54	
For Class 55 Rating, Add	844.04	
For Class 56 Rating, Add	1,118.80	
40 05 19 00-1148 EA 8" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,349.01	352.73
For Class 52 Rating, Deduct	-419.60	
For Class 54 Rating, Add	578.60	
For Class 55 Rating, Add	863.48	
For Class 56 Rating, Add	1,144.54	
40 05 19 00-1149 10" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		
<small>(40 05 19 00-1028)</small>		
40 05 19 00-1150 EA 10" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,128.72	303.89
For Class 52 Rating, Deduct	-73.51	
For Class 54 Rating, Add	105.77	
For Class 55 Rating, Add	160.08	
For Class 56 Rating, Add	213.72	
40 05 19 00-1151 EA 10" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,247.17	306.60
For Class 52 Rating, Deduct	-86.09	
For Class 54 Rating, Add	122.97	
For Class 55 Rating, Add	185.68	
For Class 56 Rating, Add	247.60	
40 05 19 00-1152 EA 10" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,365.63	309.31
For Class 52 Rating, Deduct	-98.67	
For Class 54 Rating, Add	140.17	
For Class 55 Rating, Add	211.27	
For Class 56 Rating, Add	281.48	
40 05 19 00-1153 EA 10" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,484.07	312.03
For Class 52 Rating, Deduct	-111.24	
For Class 54 Rating, Add	157.37	
For Class 55 Rating, Add	236.87	
For Class 56 Rating, Add	315.36	
40 05 19 00-1154 EA 10" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,602.53	314.74
For Class 52 Rating, Deduct	-123.82	
For Class 54 Rating, Add	174.57	
For Class 55 Rating, Add	262.47	
For Class 56 Rating, Add	349.23	
40 05 19 00-1155 EA 10" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,720.98	317.45
For Class 52 Rating, Deduct	-136.40	
For Class 54 Rating, Add	191.77	
For Class 55 Rating, Add	288.06	
For Class 56 Rating, Add	383.11	
40 05 19 00-1156 EA 10" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,839.42	320.17
For Class 52 Rating, Deduct	-148.98	
For Class 54 Rating, Add	208.97	
For Class 55 Rating, Add	313.66	
For Class 56 Rating, Add	416.99	
40 05 19 00-1157 EA 10" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,957.87	322.88
For Class 52 Rating, Deduct	-161.55	
For Class 54 Rating, Add	226.17	
For Class 55 Rating, Add	339.25	
For Class 56 Rating, Add	450.87	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1158	EA	10"	Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,076.32	325.59
			For Class 52 Rating, Deduct	-174.13	
			For Class 54 Rating, Add	243.37	
			For Class 55 Rating, Add	364.85	
			For Class 56 Rating, Add	484.74	
40 05 19 00-1159	EA	10"	Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,194.77	328.31
			For Class 52 Rating, Deduct	-186.71	
			For Class 54 Rating, Add	260.57	
			For Class 55 Rating, Add	390.45	
			For Class 56 Rating, Add	518.62	
40 05 19 00-1160	EA	10"	Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,313.23	331.02
			For Class 52 Rating, Deduct	-199.28	
			For Class 54 Rating, Add	277.77	
			For Class 55 Rating, Add	416.04	
			For Class 56 Rating, Add	552.50	
40 05 19 00-1161	EA	10"	Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,431.67	333.73
			For Class 52 Rating, Deduct	-211.86	
			For Class 54 Rating, Add	294.97	
			For Class 55 Rating, Add	441.64	
			For Class 56 Rating, Add	586.38	
40 05 19 00-1162	EA	10"	Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,550.13	336.45
			For Class 52 Rating, Deduct	-224.44	
			For Class 54 Rating, Add	312.17	
			For Class 55 Rating, Add	467.23	
			For Class 56 Rating, Add	620.26	
40 05 19 00-1163	EA	10"	Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,668.58	339.16
			For Class 52 Rating, Deduct	-237.02	
			For Class 54 Rating, Add	329.37	
			For Class 55 Rating, Add	492.83	
			For Class 56 Rating, Add	654.14	
40 05 19 00-1164	EA	10"	Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,787.02	341.87
			For Class 52 Rating, Deduct	-249.59	
			For Class 54 Rating, Add	346.57	
			For Class 55 Rating, Add	518.43	
			For Class 56 Rating, Add	688.01	
40 05 19 00-1165	EA	10"	Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,905.47	344.58
			For Class 52 Rating, Deduct	-262.17	
			For Class 54 Rating, Add	363.77	
			For Class 55 Rating, Add	544.02	
			For Class 56 Rating, Add	721.89	
40 05 19 00-1166	EA	10"	Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,023.92	347.30
			For Class 52 Rating, Deduct	-274.75	
			For Class 54 Rating, Add	380.97	
			For Class 55 Rating, Add	569.62	
			For Class 56 Rating, Add	755.77	
40 05 19 00-1167	EA	10"	Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,142.37	350.01
			For Class 52 Rating, Deduct	-287.33	
			For Class 54 Rating, Add	398.17	
			For Class 55 Rating, Add	595.21	
			For Class 56 Rating, Add	789.65	
40 05 19 00-1168	EA	10"	Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,260.82	352.73
			For Class 52 Rating, Deduct	-299.90	
			For Class 54 Rating, Add	415.37	
			For Class 55 Rating, Add	620.81	
			For Class 56 Rating, Add	823.52	
40 05 19 00-1169	EA	10"	Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,379.27	355.44
			For Class 52 Rating, Deduct	-312.48	
			For Class 54 Rating, Add	432.57	
			For Class 55 Rating, Add	646.41	
			For Class 56 Rating, Add	857.40	
40 05 19 00-1170	EA	10"	Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,497.73	358.15
			For Class 52 Rating, Deduct	-325.06	
			For Class 54 Rating, Add	449.77	
			For Class 55 Rating, Add	672.00	
			For Class 56 Rating, Add	891.28	
40 05 19 00-1171	EA	10"	Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,616.18	360.86
			For Class 52 Rating, Deduct	-337.64	
			For Class 54 Rating, Add	466.97	
			For Class 55 Rating, Add	697.60	
			For Class 56 Rating, Add	925.16	
40 05 19 00-1172	EA	10"	Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,734.62	363.58
			For Class 52 Rating, Deduct	-350.21	
			For Class 54 Rating, Add	484.17	
			For Class 55 Rating, Add	723.20	
			For Class 56 Rating, Add	959.04	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1173 EA 10" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,853.08	366.29
<i>For Class 52 Rating, Deduct</i>	-362.79	
<i>For Class 54 Rating, Add</i>	501.37	
<i>For Class 55 Rating, Add</i>	748.79	
<i>For Class 56 Rating, Add</i>	992.92	
40 05 19 00-1174 EA 10" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,971.52	369.00
<i>For Class 52 Rating, Deduct</i>	-375.37	
<i>For Class 54 Rating, Add</i>	518.57	
<i>For Class 55 Rating, Add</i>	774.39	
<i>For Class 56 Rating, Add</i>	1,026.79	
40 05 19 00-1175 EA 10" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,089.96	371.73
<i>For Class 52 Rating, Deduct</i>	-387.94	
<i>For Class 54 Rating, Add</i>	535.77	
<i>For Class 55 Rating, Add</i>	799.98	
<i>For Class 56 Rating, Add</i>	1,060.67	
40 05 19 00-1176 EA 10" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,208.42	374.43
<i>For Class 52 Rating, Deduct</i>	-400.52	
<i>For Class 54 Rating, Add</i>	552.97	
<i>For Class 55 Rating, Add</i>	825.58	
<i>For Class 56 Rating, Add</i>	1,094.55	
40 05 19 00-1177 EA 10" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,326.87	377.14
<i>For Class 52 Rating, Deduct</i>	-413.10	
<i>For Class 54 Rating, Add</i>	570.17	
<i>For Class 55 Rating, Add</i>	851.18	
<i>For Class 56 Rating, Add</i>	1,128.43	
40 05 19 00-1178 EA 10" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,445.33	379.86
<i>For Class 52 Rating, Deduct</i>	-425.68	
<i>For Class 54 Rating, Add</i>	587.37	
<i>For Class 55 Rating, Add</i>	876.77	
<i>For Class 56 Rating, Add</i>	1,162.30	
40 05 19 00-1179 EA 10" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,563.77	382.58
<i>For Class 52 Rating, Deduct</i>	-438.25	
<i>For Class 54 Rating, Add</i>	604.57	
<i>For Class 55 Rating, Add</i>	902.37	
<i>For Class 56 Rating, Add</i>	1,196.18	
40 05 19 00-1180 EA 10" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,682.22	385.28
<i>For Class 52 Rating, Deduct</i>	-450.83	
<i>For Class 54 Rating, Add</i>	621.77	
<i>For Class 55 Rating, Add</i>	927.97	
<i>For Class 56 Rating, Add</i>	1,230.06	
40 05 19 00-1181 EA 10" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,800.68	388.00
<i>For Class 52 Rating, Deduct</i>	-463.41	
<i>For Class 54 Rating, Add</i>	638.97	
<i>For Class 55 Rating, Add</i>	953.56	
<i>For Class 56 Rating, Add</i>	1,263.94	
40 05 19 00-1182 EA 10" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,919.12	390.72
<i>For Class 52 Rating, Deduct</i>	-475.99	
<i>For Class 54 Rating, Add</i>	656.17	
<i>For Class 55 Rating, Add</i>	979.16	
<i>For Class 56 Rating, Add</i>	1,297.82	
40 05 19 00-1183 EA 10" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,037.56	393.42
<i>For Class 52 Rating, Deduct</i>	-488.56	
<i>For Class 54 Rating, Add</i>	673.37	
<i>For Class 55 Rating, Add</i>	1,004.75	
<i>For Class 56 Rating, Add</i>	1,331.69	
40 05 19 00-1184 EA 10" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,156.02	396.14
<i>For Class 52 Rating, Deduct</i>	-501.14	
<i>For Class 54 Rating, Add</i>	690.57	
<i>For Class 55 Rating, Add</i>	1,030.35	
<i>For Class 56 Rating, Add</i>	1,365.57	
40 05 19 00-1185 EA 10" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,274.47	398.85
<i>For Class 52 Rating, Deduct</i>	-513.72	
<i>For Class 54 Rating, Add</i>	707.77	
<i>For Class 55 Rating, Add</i>	1,055.95	
<i>For Class 56 Rating, Add</i>	1,399.45	
40 05 19 00-1186 EA 10" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,392.92	401.57
<i>For Class 52 Rating, Deduct</i>	-526.29	
<i>For Class 54 Rating, Add</i>	724.97	
<i>For Class 55 Rating, Add</i>	1,081.54	
<i>For Class 56 Rating, Add</i>	1,433.33	
40 05 19 00-1187 EA 10" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,511.37	404.28
<i>For Class 52 Rating, Deduct</i>	-538.87	
<i>For Class 54 Rating, Add</i>	742.17	
<i>For Class 55 Rating, Add</i>	1,107.14	
<i>For Class 56 Rating, Add</i>	1,467.21	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-1188	EA	10" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,629.82	406.99
		<i>For Class 52 Rating, Deduct</i>	-551.45	
		<i>For Class 54 Rating, Add</i>	759.38	
		<i>For Class 55 Rating, Add</i>	1,132.74	
		<i>For Class 56 Rating, Add</i>	1,501.08	

40 05 19 00-1189 12" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe

(40 05 19 00-1028)

40 05 19 00-1190	EA	12" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,466.60	379.86
		<i>For Class 52 Rating, Deduct</i>	-98.02	
		<i>For Class 54 Rating, Add</i>	140.56	
		<i>For Class 55 Rating, Add</i>	212.52	
		<i>For Class 56 Rating, Add</i>	283.58	
40 05 19 00-1191	EA	12" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,614.61	382.58
		<i>For Class 52 Rating, Deduct</i>	-113.85	
		<i>For Class 54 Rating, Add</i>	162.20	
		<i>For Class 55 Rating, Add</i>	244.71	
		<i>For Class 56 Rating, Add</i>	326.18	
40 05 19 00-1192	EA	12" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,762.63	385.28
		<i>For Class 52 Rating, Deduct</i>	-129.68	
		<i>For Class 54 Rating, Add</i>	183.84	
		<i>For Class 55 Rating, Add</i>	276.90	
		<i>For Class 56 Rating, Add</i>	368.78	
40 05 19 00-1193	EA	12" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,910.66	388.00
		<i>For Class 52 Rating, Deduct</i>	-145.51	
		<i>For Class 54 Rating, Add</i>	205.47	
		<i>For Class 55 Rating, Add</i>	309.09	
		<i>For Class 56 Rating, Add</i>	411.38	
40 05 19 00-1194	EA	12" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,058.67	390.72
		<i>For Class 52 Rating, Deduct</i>	-161.34	
		<i>For Class 54 Rating, Add</i>	227.11	
		<i>For Class 55 Rating, Add</i>	341.28	
		<i>For Class 56 Rating, Add</i>	453.98	
40 05 19 00-1195	EA	12" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,206.69	393.42
		<i>For Class 52 Rating, Deduct</i>	-177.17	
		<i>For Class 54 Rating, Add</i>	248.74	
		<i>For Class 55 Rating, Add</i>	373.47	
		<i>For Class 56 Rating, Add</i>	496.59	
40 05 19 00-1196	EA	12" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,354.72	396.14
		<i>For Class 52 Rating, Deduct</i>	-193.00	
		<i>For Class 54 Rating, Add</i>	270.38	
		<i>For Class 55 Rating, Add</i>	405.66	
		<i>For Class 56 Rating, Add</i>	539.19	
40 05 19 00-1197	EA	12" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,502.74	398.85
		<i>For Class 52 Rating, Deduct</i>	-208.83	
		<i>For Class 54 Rating, Add</i>	292.01	
		<i>For Class 55 Rating, Add</i>	437.85	
		<i>For Class 56 Rating, Add</i>	581.79	
40 05 19 00-1198	EA	12" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,650.76	401.57
		<i>For Class 52 Rating, Deduct</i>	-224.66	
		<i>For Class 54 Rating, Add</i>	313.65	
		<i>For Class 55 Rating, Add</i>	470.04	
		<i>For Class 56 Rating, Add</i>	624.39	
40 05 19 00-1199	EA	12" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,798.78	404.28
		<i>For Class 52 Rating, Deduct</i>	-240.49	
		<i>For Class 54 Rating, Add</i>	335.29	
		<i>For Class 55 Rating, Add</i>	502.23	
		<i>For Class 56 Rating, Add</i>	666.99	
40 05 19 00-1200	EA	12" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,946.80	406.99
		<i>For Class 52 Rating, Deduct</i>	-256.32	
		<i>For Class 54 Rating, Add</i>	356.92	
		<i>For Class 55 Rating, Add</i>	534.42	
		<i>For Class 56 Rating, Add</i>	709.59	
40 05 19 00-1201	EA	12" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,094.83	409.71
		<i>For Class 52 Rating, Deduct</i>	-272.15	
		<i>For Class 54 Rating, Add</i>	378.56	
		<i>For Class 55 Rating, Add</i>	566.61	
		<i>For Class 56 Rating, Add</i>	752.20	
40 05 19 00-1202	EA	12" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,242.84	412.41
		<i>For Class 52 Rating, Deduct</i>	-287.98	
		<i>For Class 54 Rating, Add</i>	400.19	
		<i>For Class 55 Rating, Add</i>	598.80	
		<i>For Class 56 Rating, Add</i>	794.80	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1203 EA 12" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,390.87	415.13
<i>For Class 52 Rating, Deduct</i>	-303.81	
<i>For Class 54 Rating, Add</i>	421.83	
<i>For Class 55 Rating, Add</i>	631.00	
<i>For Class 56 Rating, Add</i>	837.40	
40 05 19 00-1204 EA 12" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,538.88	417.84
<i>For Class 52 Rating, Deduct</i>	-319.64	
<i>For Class 54 Rating, Add</i>	443.46	
<i>For Class 55 Rating, Add</i>	663.18	
<i>For Class 56 Rating, Add</i>	880.00	
40 05 19 00-1205 EA 12" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,686.89	420.56
<i>For Class 52 Rating, Deduct</i>	-335.47	
<i>For Class 54 Rating, Add</i>	465.10	
<i>For Class 55 Rating, Add</i>	695.37	
<i>For Class 56 Rating, Add</i>	922.60	
40 05 19 00-1206 EA 12" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,834.92	423.27
<i>For Class 52 Rating, Deduct</i>	-351.30	
<i>For Class 54 Rating, Add</i>	486.74	
<i>For Class 55 Rating, Add</i>	727.56	
<i>For Class 56 Rating, Add</i>	965.20	
40 05 19 00-1207 EA 12" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,982.94	425.98
<i>For Class 52 Rating, Deduct</i>	-367.13	
<i>For Class 54 Rating, Add</i>	508.37	
<i>For Class 55 Rating, Add</i>	759.76	
<i>For Class 56 Rating, Add</i>	1,007.80	
40 05 19 00-1208 EA 12" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,130.96	428.70
<i>For Class 52 Rating, Deduct</i>	-382.96	
<i>For Class 54 Rating, Add</i>	530.01	
<i>For Class 55 Rating, Add</i>	791.95	
<i>For Class 56 Rating, Add</i>	1,050.40	
40 05 19 00-1209 EA 12" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,278.98	431.41
<i>For Class 52 Rating, Deduct</i>	-398.79	
<i>For Class 54 Rating, Add</i>	551.64	
<i>For Class 55 Rating, Add</i>	824.14	
<i>For Class 56 Rating, Add</i>	1,093.00	
40 05 19 00-1210 EA 12" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,427.00	434.12
<i>For Class 52 Rating, Deduct</i>	-414.62	
<i>For Class 54 Rating, Add</i>	573.28	
<i>For Class 55 Rating, Add</i>	856.33	
<i>For Class 56 Rating, Add</i>	1,135.61	
40 05 19 00-1211 EA 12" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,575.03	436.83
<i>For Class 52 Rating, Deduct</i>	-430.45	
<i>For Class 54 Rating, Add</i>	594.92	
<i>For Class 55 Rating, Add</i>	888.52	
<i>For Class 56 Rating, Add</i>	1,178.21	
40 05 19 00-1212 EA 12" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,723.05	439.56
<i>For Class 52 Rating, Deduct</i>	-446.28	
<i>For Class 54 Rating, Add</i>	616.55	
<i>For Class 55 Rating, Add</i>	920.71	
<i>For Class 56 Rating, Add</i>	1,220.81	
40 05 19 00-1213 EA 12" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,871.06	442.26
<i>For Class 52 Rating, Deduct</i>	-462.11	
<i>For Class 54 Rating, Add</i>	638.19	
<i>For Class 55 Rating, Add</i>	952.90	
<i>For Class 56 Rating, Add</i>	1,263.41	
40 05 19 00-1214 EA 12" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,019.09	444.97
<i>For Class 52 Rating, Deduct</i>	-477.94	
<i>For Class 54 Rating, Add</i>	659.82	
<i>For Class 55 Rating, Add</i>	985.09	
<i>For Class 56 Rating, Add</i>	1,306.01	
40 05 19 00-1215 EA 12" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,167.11	447.70
<i>For Class 52 Rating, Deduct</i>	-493.77	
<i>For Class 54 Rating, Add</i>	681.46	
<i>For Class 55 Rating, Add</i>	1,017.28	
<i>For Class 56 Rating, Add</i>	1,348.61	
40 05 19 00-1216 EA 12" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,315.12	450.41
<i>For Class 52 Rating, Deduct</i>	-509.60	
<i>For Class 54 Rating, Add</i>	703.09	
<i>For Class 55 Rating, Add</i>	1,049.47	
<i>For Class 56 Rating, Add</i>	1,391.21	
40 05 19 00-1217 EA 12" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,463.15	453.11
<i>For Class 52 Rating, Deduct</i>	-525.43	
<i>For Class 54 Rating, Add</i>	724.73	
<i>For Class 55 Rating, Add</i>	1,081.66	
<i>For Class 56 Rating, Add</i>	1,433.82	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-1218	EA	12" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,611.16	455.83
		<i>For Class 52 Rating, Deduct</i>	-541.26	
		<i>For Class 54 Rating, Add</i>	746.36	
		<i>For Class 55 Rating, Add</i>	1,113.85	
		<i>For Class 56 Rating, Add</i>	1,476.41	
40 05 19 00-1219	EA	12" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,759.19	458.55
		<i>For Class 52 Rating, Deduct</i>	-557.09	
		<i>For Class 54 Rating, Add</i>	768.00	
		<i>For Class 55 Rating, Add</i>	1,146.04	
		<i>For Class 56 Rating, Add</i>	1,519.02	
40 05 19 00-1220	EA	12" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,907.20	461.25
		<i>For Class 52 Rating, Deduct</i>	-572.92	
		<i>For Class 54 Rating, Add</i>	789.64	
		<i>For Class 55 Rating, Add</i>	1,178.23	
		<i>For Class 56 Rating, Add</i>	1,561.62	
40 05 19 00-1221	EA	12" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,055.22	463.97
		<i>For Class 52 Rating, Deduct</i>	-588.75	
		<i>For Class 54 Rating, Add</i>	811.27	
		<i>For Class 55 Rating, Add</i>	1,210.42	
		<i>For Class 56 Rating, Add</i>	1,604.22	
40 05 19 00-1222	EA	12" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,203.25	466.69
		<i>For Class 52 Rating, Deduct</i>	-604.58	
		<i>For Class 54 Rating, Add</i>	832.91	
		<i>For Class 55 Rating, Add</i>	1,242.61	
		<i>For Class 56 Rating, Add</i>	1,646.82	
40 05 19 00-1223	EA	12" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,351.27	469.40
		<i>For Class 52 Rating, Deduct</i>	-620.41	
		<i>For Class 54 Rating, Add</i>	854.54	
		<i>For Class 55 Rating, Add</i>	1,274.80	
		<i>For Class 56 Rating, Add</i>	1,689.42	
40 05 19 00-1224	EA	12" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,499.28	472.10
		<i>For Class 52 Rating, Deduct</i>	-636.24	
		<i>For Class 54 Rating, Add</i>	876.18	
		<i>For Class 55 Rating, Add</i>	1,306.99	
		<i>For Class 56 Rating, Add</i>	1,732.02	
40 05 19 00-1225	EA	12" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,647.31	474.82
		<i>For Class 52 Rating, Deduct</i>	-652.07	
		<i>For Class 54 Rating, Add</i>	897.82	
		<i>For Class 55 Rating, Add</i>	1,339.18	
		<i>For Class 56 Rating, Add</i>	1,774.62	
40 05 19 00-1226	EA	12" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,795.33	477.54
		<i>For Class 52 Rating, Deduct</i>	-667.90	
		<i>For Class 54 Rating, Add</i>	919.45	
		<i>For Class 55 Rating, Add</i>	1,371.37	
		<i>For Class 56 Rating, Add</i>	1,817.23	
40 05 19 00-1227	EA	12" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,943.35	480.24
		<i>For Class 52 Rating, Deduct</i>	-683.73	
		<i>For Class 54 Rating, Add</i>	941.09	
		<i>For Class 55 Rating, Add</i>	1,403.56	
		<i>For Class 56 Rating, Add</i>	1,859.83	
40 05 19 00-1228	EA	12" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,091.37	482.96
		<i>For Class 52 Rating, Deduct</i>	-699.56	
		<i>For Class 54 Rating, Add</i>	962.72	
		<i>For Class 55 Rating, Add</i>	1,435.76	
		<i>For Class 56 Rating, Add</i>	1,902.43	

40 05 19 00-1229 14" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe

(40 05 19 00-1028)

40 05 19 00-1230	EA	14" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,962.18	455.83
		<i>For Class 52 Rating, Deduct</i>	-139.87	
		<i>For Class 54 Rating, Add</i>	199.02	
		<i>For Class 55 Rating, Add</i>	300.13	
		<i>For Class 56 Rating, Add</i>	399.96	
40 05 19 00-1231	EA	14" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,141.75	458.55
		<i>For Class 52 Rating, Deduct</i>	-159.17	
		<i>For Class 54 Rating, Add</i>	225.38	
		<i>For Class 55 Rating, Add</i>	339.35	
		<i>For Class 56 Rating, Add</i>	451.87	
40 05 19 00-1232	EA	14" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,321.30	461.25
		<i>For Class 52 Rating, Deduct</i>	-178.47	
		<i>For Class 54 Rating, Add</i>	251.75	
		<i>For Class 55 Rating, Add</i>	378.57	
		<i>For Class 56 Rating, Add</i>	503.78	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1233 EA 14" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,500.86	463.97
For Class 52 Rating, Deduct	-197.77	
For Class 54 Rating, Add	278.12	
For Class 55 Rating, Add	417.80	
For Class 56 Rating, Add	555.68	
40 05 19 00-1234 EA 14" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,680.43	466.69
For Class 52 Rating, Deduct	-217.07	
For Class 54 Rating, Add	304.48	
For Class 55 Rating, Add	457.02	
For Class 56 Rating, Add	607.59	
40 05 19 00-1235 EA 14" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,859.99	469.40
For Class 52 Rating, Deduct	-236.37	
For Class 54 Rating, Add	330.85	
For Class 55 Rating, Add	496.25	
For Class 56 Rating, Add	659.49	
40 05 19 00-1236 EA 14" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,039.54	472.10
For Class 52 Rating, Deduct	-255.67	
For Class 54 Rating, Add	357.22	
For Class 55 Rating, Add	535.47	
For Class 56 Rating, Add	711.40	
40 05 19 00-1237 EA 14" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,219.11	474.82
For Class 52 Rating, Deduct	-274.96	
For Class 54 Rating, Add	383.59	
For Class 55 Rating, Add	574.69	
For Class 56 Rating, Add	763.31	
40 05 19 00-1238 EA 14" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,398.68	477.54
For Class 52 Rating, Deduct	-294.27	
For Class 54 Rating, Add	409.95	
For Class 55 Rating, Add	613.92	
For Class 56 Rating, Add	815.21	
40 05 19 00-1239 EA 14" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,578.24	480.24
For Class 52 Rating, Deduct	-313.56	
For Class 54 Rating, Add	436.32	
For Class 55 Rating, Add	653.15	
For Class 56 Rating, Add	867.12	
40 05 19 00-1240 EA 14" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,757.80	482.96
For Class 52 Rating, Deduct	-332.86	
For Class 54 Rating, Add	462.69	
For Class 55 Rating, Add	692.37	
For Class 56 Rating, Add	919.03	
40 05 19 00-1241 EA 14" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,937.36	485.68
For Class 52 Rating, Deduct	-352.16	
For Class 54 Rating, Add	489.05	
For Class 55 Rating, Add	731.59	
For Class 56 Rating, Add	970.93	
40 05 19 00-1242 EA 14" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,116.93	488.39
For Class 52 Rating, Deduct	-371.46	
For Class 54 Rating, Add	515.42	
For Class 55 Rating, Add	770.82	
For Class 56 Rating, Add	1,022.84	
40 05 19 00-1243 EA 14" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,296.48	491.10
For Class 52 Rating, Deduct	-390.76	
For Class 54 Rating, Add	541.79	
For Class 55 Rating, Add	810.04	
For Class 56 Rating, Add	1,074.74	
40 05 19 00-1244 EA 14" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,476.04	493.81
For Class 52 Rating, Deduct	-410.06	
For Class 54 Rating, Add	568.15	
For Class 55 Rating, Add	849.27	
For Class 56 Rating, Add	1,126.65	
40 05 19 00-1245 EA 14" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,655.61	496.53
For Class 52 Rating, Deduct	-429.36	
For Class 54 Rating, Add	594.52	
For Class 55 Rating, Add	888.49	
For Class 56 Rating, Add	1,178.55	
40 05 19 00-1246 EA 14" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,835.17	499.24
For Class 52 Rating, Deduct	-448.66	
For Class 54 Rating, Add	620.89	
For Class 55 Rating, Add	927.71	
For Class 56 Rating, Add	1,230.46	
40 05 19 00-1247 EA 14" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,014.73	501.95
For Class 52 Rating, Deduct	-467.96	
For Class 54 Rating, Add	647.25	
For Class 55 Rating, Add	966.94	
For Class 56 Rating, Add	1,282.37	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-1248	EA	14" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,194.30	504.67
		<i>For Class 52 Rating, Deduct</i>		-487.26	
		<i>For Class 54 Rating, Add</i>		673.62	
		<i>For Class 55 Rating, Add</i>		1,006.16	
		<i>For Class 56 Rating, Add</i>		1,334.27	
40 05 19 00-1249	EA	14" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,373.86	507.39
		<i>For Class 52 Rating, Deduct</i>		-506.56	
		<i>For Class 54 Rating, Add</i>		699.99	
		<i>For Class 55 Rating, Add</i>		1,045.39	
		<i>For Class 56 Rating, Add</i>		1,386.18	
40 05 19 00-1250	EA	14" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,553.42	510.09
		<i>For Class 52 Rating, Deduct</i>		-525.86	
		<i>For Class 54 Rating, Add</i>		726.36	
		<i>For Class 55 Rating, Add</i>		1,084.61	
		<i>For Class 56 Rating, Add</i>		1,438.09	
40 05 19 00-1251	EA	14" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,732.98	512.80
		<i>For Class 52 Rating, Deduct</i>		-545.16	
		<i>For Class 54 Rating, Add</i>		752.72	
		<i>For Class 55 Rating, Add</i>		1,123.84	
		<i>For Class 56 Rating, Add</i>		1,489.99	
40 05 19 00-1252	EA	14" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,912.54	515.53
		<i>For Class 52 Rating, Deduct</i>		-564.46	
		<i>For Class 54 Rating, Add</i>		779.09	
		<i>For Class 55 Rating, Add</i>		1,163.06	
		<i>For Class 56 Rating, Add</i>		1,541.90	
40 05 19 00-1253	EA	14" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		6,092.11	518.24
		<i>For Class 52 Rating, Deduct</i>		-583.76	
		<i>For Class 54 Rating, Add</i>		805.46	
		<i>For Class 55 Rating, Add</i>		1,202.28	
		<i>For Class 56 Rating, Add</i>		1,593.80	
40 05 19 00-1254	EA	14" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		6,271.66	520.94
		<i>For Class 52 Rating, Deduct</i>		-603.06	
		<i>For Class 54 Rating, Add</i>		831.82	
		<i>For Class 55 Rating, Add</i>		1,241.51	
		<i>For Class 56 Rating, Add</i>		1,645.71	
40 05 19 00-1255	EA	14" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		6,451.23	523.67
		<i>For Class 52 Rating, Deduct</i>		-622.36	
		<i>For Class 54 Rating, Add</i>		858.19	
		<i>For Class 55 Rating, Add</i>		1,280.73	
		<i>For Class 56 Rating, Add</i>		1,697.61	
40 05 19 00-1256	EA	14" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		6,630.79	526.38
		<i>For Class 52 Rating, Deduct</i>		-641.66	
		<i>For Class 54 Rating, Add</i>		884.56	
		<i>For Class 55 Rating, Add</i>		1,319.96	
		<i>For Class 56 Rating, Add</i>		1,749.52	
40 05 19 00-1257	EA	14" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		6,810.36	529.08
		<i>For Class 52 Rating, Deduct</i>		-660.96	
		<i>For Class 54 Rating, Add</i>		910.93	
		<i>For Class 55 Rating, Add</i>		1,359.18	
		<i>For Class 56 Rating, Add</i>		1,801.43	
40 05 19 00-1258	EA	14" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		6,989.92	531.80
		<i>For Class 52 Rating, Deduct</i>		-680.26	
		<i>For Class 54 Rating, Add</i>		937.29	
		<i>For Class 55 Rating, Add</i>		1,398.41	
		<i>For Class 56 Rating, Add</i>		1,853.33	
40 05 19 00-1259	EA	14" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		7,169.48	534.52
		<i>For Class 52 Rating, Deduct</i>		-699.56	
		<i>For Class 54 Rating, Add</i>		963.66	
		<i>For Class 55 Rating, Add</i>		1,437.63	
		<i>For Class 56 Rating, Add</i>		1,905.24	
40 05 19 00-1260	EA	14" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		7,349.04	537.23
		<i>For Class 52 Rating, Deduct</i>		-718.86	
		<i>For Class 54 Rating, Add</i>		990.03	
		<i>For Class 55 Rating, Add</i>		1,476.85	
		<i>For Class 56 Rating, Add</i>		1,957.15	
40 05 19 00-1261	EA	14" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		7,528.60	539.93
		<i>For Class 52 Rating, Deduct</i>		-738.16	
		<i>For Class 54 Rating, Add</i>		1,016.39	
		<i>For Class 55 Rating, Add</i>		1,516.08	
		<i>For Class 56 Rating, Add</i>		2,009.05	
40 05 19 00-1262	EA	14" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		7,708.16	542.66
		<i>For Class 52 Rating, Deduct</i>		-757.46	
		<i>For Class 54 Rating, Add</i>		1,042.76	
		<i>For Class 55 Rating, Add</i>		1,555.30	
		<i>For Class 56 Rating, Add</i>		2,060.96	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1263 EA 14" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,887.73	545.37
For Class 52 Rating, Deduct	-776.76	
For Class 54 Rating, Add	1,069.13	
For Class 55 Rating, Add	1,594.53	
For Class 56 Rating, Add	2,112.86	
40 05 19 00-1264 EA 14" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,067.29	548.07
For Class 52 Rating, Deduct	-796.05	
For Class 54 Rating, Add	1,095.49	
For Class 55 Rating, Add	1,633.75	
For Class 56 Rating, Add	2,164.77	
40 05 19 00-1265 EA 14" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,246.84	550.79
For Class 52 Rating, Deduct	-815.35	
For Class 54 Rating, Add	1,121.86	
For Class 55 Rating, Add	1,672.97	
For Class 56 Rating, Add	2,216.67	
40 05 19 00-1266 EA 14" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,426.41	553.51
For Class 52 Rating, Deduct	-834.65	
For Class 54 Rating, Add	1,148.23	
For Class 55 Rating, Add	1,712.20	
For Class 56 Rating, Add	2,268.58	
40 05 19 00-1267 EA 14" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,605.98	556.22
For Class 52 Rating, Deduct	-853.95	
For Class 54 Rating, Add	1,174.60	
For Class 55 Rating, Add	1,751.42	
For Class 56 Rating, Add	2,320.49	
40 05 19 00-1268 16" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		
<small>(40 05 19 00-1028)</small>		
40 05 19 00-1269 EA 16" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,293.46	520.94
For Class 52 Rating, Deduct	-165.46	
For Class 54 Rating, Add	235.09	
For Class 55 Rating, Add	354.37	
For Class 56 Rating, Add	472.14	
40 05 19 00-1270 EA 16" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,502.60	523.67
For Class 52 Rating, Deduct	-188.01	
For Class 54 Rating, Add	265.90	
For Class 55 Rating, Add	400.19	
For Class 56 Rating, Add	532.77	
40 05 19 00-1271 EA 16" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,711.73	526.38
For Class 52 Rating, Deduct	-210.56	
For Class 54 Rating, Add	296.70	
For Class 55 Rating, Add	446.01	
For Class 56 Rating, Add	593.40	
40 05 19 00-1272 EA 16" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,920.86	529.08
For Class 52 Rating, Deduct	-233.11	
For Class 54 Rating, Add	327.50	
For Class 55 Rating, Add	491.82	
For Class 56 Rating, Add	654.03	
40 05 19 00-1273 EA 16" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,129.99	531.80
For Class 52 Rating, Deduct	-255.67	
For Class 54 Rating, Add	358.30	
For Class 55 Rating, Add	537.64	
For Class 56 Rating, Add	714.66	
40 05 19 00-1274 EA 16" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,339.12	534.52
For Class 52 Rating, Deduct	-278.22	
For Class 54 Rating, Add	389.11	
For Class 55 Rating, Add	583.46	
For Class 56 Rating, Add	775.28	
40 05 19 00-1275 EA 16" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,548.26	537.23
For Class 52 Rating, Deduct	-300.77	
For Class 54 Rating, Add	419.91	
For Class 55 Rating, Add	629.28	
For Class 56 Rating, Add	835.92	
40 05 19 00-1276 EA 16" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,757.39	539.93
For Class 52 Rating, Deduct	-323.32	
For Class 54 Rating, Add	450.71	
For Class 55 Rating, Add	675.10	
For Class 56 Rating, Add	896.54	
40 05 19 00-1277 EA 16" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,966.52	542.66
For Class 52 Rating, Deduct	-345.88	
For Class 54 Rating, Add	481.51	
For Class 55 Rating, Add	720.92	
For Class 56 Rating, Add	957.17	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-1278	EA	16" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,175.66	545.37
		For Class 52 Rating, Deduct	-368.43	
		For Class 54 Rating, Add	512.32	
		For Class 55 Rating, Add	766.73	
		For Class 56 Rating, Add	1,017.80	
40 05 19 00-1279	EA	16" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,384.79	548.07
		For Class 52 Rating, Deduct	-390.98	
		For Class 54 Rating, Add	543.12	
		For Class 55 Rating, Add	812.55	
		For Class 56 Rating, Add	1,078.43	
40 05 19 00-1280	EA	16" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,593.91	550.79
		For Class 52 Rating, Deduct	-413.53	
		For Class 54 Rating, Add	573.92	
		For Class 55 Rating, Add	858.37	
		For Class 56 Rating, Add	1,139.06	
40 05 19 00-1281	EA	16" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,803.05	553.51
		For Class 52 Rating, Deduct	-436.08	
		For Class 54 Rating, Add	604.72	
		For Class 55 Rating, Add	904.19	
		For Class 56 Rating, Add	1,199.69	
40 05 19 00-1282	EA	16" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,012.19	556.22
		For Class 52 Rating, Deduct	-458.64	
		For Class 54 Rating, Add	635.53	
		For Class 55 Rating, Add	950.01	
		For Class 56 Rating, Add	1,260.32	
40 05 19 00-1283	EA	16" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,221.31	558.93
		For Class 52 Rating, Deduct	-481.19	
		For Class 54 Rating, Add	666.33	
		For Class 55 Rating, Add	995.83	
		For Class 56 Rating, Add	1,320.95	
40 05 19 00-1284	EA	16" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,430.45	561.65
		For Class 52 Rating, Deduct	-503.74	
		For Class 54 Rating, Add	697.13	
		For Class 55 Rating, Add	1,041.65	
		For Class 56 Rating, Add	1,381.58	
40 05 19 00-1285	EA	16" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,639.58	564.36
		For Class 52 Rating, Deduct	-526.29	
		For Class 54 Rating, Add	727.93	
		For Class 55 Rating, Add	1,087.46	
		For Class 56 Rating, Add	1,442.21	
40 05 19 00-1286	EA	16" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,848.72	567.07
		For Class 52 Rating, Deduct	-548.85	
		For Class 54 Rating, Add	758.74	
		For Class 55 Rating, Add	1,133.28	
		For Class 56 Rating, Add	1,502.84	
40 05 19 00-1287	EA	16" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,057.84	569.78
		For Class 52 Rating, Deduct	-571.40	
		For Class 54 Rating, Add	789.54	
		For Class 55 Rating, Add	1,179.10	
		For Class 56 Rating, Add	1,563.47	
40 05 19 00-1288	EA	16" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,266.98	572.50
		For Class 52 Rating, Deduct	-593.95	
		For Class 54 Rating, Add	820.34	
		For Class 55 Rating, Add	1,224.92	
		For Class 56 Rating, Add	1,624.10	
40 05 19 00-1289	EA	16" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,476.12	575.22
		For Class 52 Rating, Deduct	-616.50	
		For Class 54 Rating, Add	851.15	
		For Class 55 Rating, Add	1,270.74	
		For Class 56 Rating, Add	1,684.73	
40 05 19 00-1290	EA	16" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,685.25	577.92
		For Class 52 Rating, Deduct	-639.06	
		For Class 54 Rating, Add	881.95	
		For Class 55 Rating, Add	1,316.56	
		For Class 56 Rating, Add	1,745.36	
40 05 19 00-1291	EA	16" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,894.37	580.64
		For Class 52 Rating, Deduct	-661.61	
		For Class 54 Rating, Add	912.75	
		For Class 55 Rating, Add	1,362.37	
		For Class 56 Rating, Add	1,805.98	
40 05 19 00-1292	EA	16" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,103.51	583.36
		For Class 52 Rating, Deduct	-684.16	
		For Class 54 Rating, Add	943.55	
		For Class 55 Rating, Add	1,408.19	
		For Class 56 Rating, Add	1,866.61	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1293 EA 16" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,312.64	586.07
For Class 52 Rating, Deduct	-706.71	
For Class 54 Rating, Add	974.35	
For Class 55 Rating, Add	1,454.01	
For Class 56 Rating, Add	1,927.24	
40 05 19 00-1294 EA 16" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,521.77	588.77
For Class 52 Rating, Deduct	-729.26	
For Class 54 Rating, Add	1,005.16	
For Class 55 Rating, Add	1,499.83	
For Class 56 Rating, Add	1,987.87	
40 05 19 00-1295 EA 16" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,730.91	591.50
For Class 52 Rating, Deduct	-751.82	
For Class 54 Rating, Add	1,035.96	
For Class 55 Rating, Add	1,545.65	
For Class 56 Rating, Add	2,048.50	
40 05 19 00-1296 EA 16" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,940.04	594.21
For Class 52 Rating, Deduct	-774.37	
For Class 54 Rating, Add	1,066.76	
For Class 55 Rating, Add	1,591.47	
For Class 56 Rating, Add	2,109.13	
40 05 19 00-1297 EA 16" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,149.18	596.91
For Class 52 Rating, Deduct	-796.92	
For Class 54 Rating, Add	1,097.57	
For Class 55 Rating, Add	1,637.29	
For Class 56 Rating, Add	2,169.76	
40 05 19 00-1298 EA 16" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,358.30	599.63
For Class 52 Rating, Deduct	-819.47	
For Class 54 Rating, Add	1,128.37	
For Class 55 Rating, Add	1,683.10	
For Class 56 Rating, Add	2,230.39	
40 05 19 00-1299 EA 16" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,567.43	602.35
For Class 52 Rating, Deduct	-842.03	
For Class 54 Rating, Add	1,159.17	
For Class 55 Rating, Add	1,728.92	
For Class 56 Rating, Add	2,291.02	
40 05 19 00-1300 EA 16" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,776.57	605.06
For Class 52 Rating, Deduct	-864.58	
For Class 54 Rating, Add	1,189.97	
For Class 55 Rating, Add	1,774.74	
For Class 56 Rating, Add	2,351.65	
40 05 19 00-1301 EA 16" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,985.70	607.76
For Class 52 Rating, Deduct	-887.13	
For Class 54 Rating, Add	1,220.77	
For Class 55 Rating, Add	1,820.56	
For Class 56 Rating, Add	2,412.28	
40 05 19 00-1302 EA 16" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,194.84	610.49
For Class 52 Rating, Deduct	-909.68	
For Class 54 Rating, Add	1,251.58	
For Class 55 Rating, Add	1,866.38	
For Class 56 Rating, Add	2,472.91	
40 05 19 00-1303 EA 16" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,403.97	613.20
For Class 52 Rating, Deduct	-932.24	
For Class 54 Rating, Add	1,282.38	
For Class 55 Rating, Add	1,912.20	
For Class 56 Rating, Add	2,533.54	
40 05 19 00-1304 EA 16" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,613.10	615.90
For Class 52 Rating, Deduct	-954.79	
For Class 54 Rating, Add	1,313.18	
For Class 55 Rating, Add	1,958.01	
For Class 56 Rating, Add	2,594.17	
40 05 19 00-1305 EA 16" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,822.23	618.63
For Class 52 Rating, Deduct	-977.34	
For Class 54 Rating, Add	1,343.99	
For Class 55 Rating, Add	2,003.83	
For Class 56 Rating, Add	2,654.79	
40 05 19 00-1306 EA 16" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,031.36	621.34
For Class 52 Rating, Deduct	-999.89	
For Class 54 Rating, Add	1,374.79	
For Class 55 Rating, Add	2,049.65	
For Class 56 Rating, Add	2,715.42	

40 05 19 00-1307 18" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe (40 05 19 00-1028)

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1308	EA		18" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,654.00	587.15
			<i>For Class 52 Rating, Deduct</i>	-194.08	
			<i>For Class 54 Rating, Add</i>	275.33	
			<i>For Class 55 Rating, Add</i>	414.81	
			<i>For Class 56 Rating, Add</i>	552.52	
40 05 19 00-1309	EA		18" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,894.66	589.87
			<i>For Class 52 Rating, Deduct</i>	-220.10	
			<i>For Class 54 Rating, Add</i>	310.86	
			<i>For Class 55 Rating, Add</i>	467.66	
			<i>For Class 56 Rating, Add</i>	622.45	
40 05 19 00-1310	EA		18" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,135.34	592.57
			<i>For Class 52 Rating, Deduct</i>	-246.12	
			<i>For Class 54 Rating, Add</i>	346.40	
			<i>For Class 55 Rating, Add</i>	520.51	
			<i>For Class 56 Rating, Add</i>	692.38	
40 05 19 00-1311	EA		18" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,376.02	595.29
			<i>For Class 52 Rating, Deduct</i>	-272.15	
			<i>For Class 54 Rating, Add</i>	381.93	
			<i>For Class 55 Rating, Add</i>	573.36	
			<i>For Class 56 Rating, Add</i>	762.32	
40 05 19 00-1312	EA		18" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,616.69	598.01
			<i>For Class 52 Rating, Deduct</i>	-298.17	
			<i>For Class 54 Rating, Add</i>	417.47	
			<i>For Class 55 Rating, Add</i>	626.21	
			<i>For Class 56 Rating, Add</i>	832.25	
40 05 19 00-1313	EA		18" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,857.36	600.71
			<i>For Class 52 Rating, Deduct</i>	-324.19	
			<i>For Class 54 Rating, Add</i>	453.00	
			<i>For Class 55 Rating, Add</i>	679.07	
			<i>For Class 56 Rating, Add</i>	902.18	
40 05 19 00-1314	EA		18" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,098.04	603.43
			<i>For Class 52 Rating, Deduct</i>	-350.21	
			<i>For Class 54 Rating, Add</i>	488.53	
			<i>For Class 55 Rating, Add</i>	731.92	
			<i>For Class 56 Rating, Add</i>	972.12	
40 05 19 00-1315	EA		18" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,338.72	606.15
			<i>For Class 52 Rating, Deduct</i>	-376.23	
			<i>For Class 54 Rating, Add</i>	524.07	
			<i>For Class 55 Rating, Add</i>	784.77	
			<i>For Class 56 Rating, Add</i>	1,042.05	
40 05 19 00-1316	EA		18" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,579.38	608.86
			<i>For Class 52 Rating, Deduct</i>	-402.26	
			<i>For Class 54 Rating, Add</i>	559.60	
			<i>For Class 55 Rating, Add</i>	837.62	
			<i>For Class 56 Rating, Add</i>	1,111.99	
40 05 19 00-1317	EA		18" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,820.06	611.56
			<i>For Class 52 Rating, Deduct</i>	-428.28	
			<i>For Class 54 Rating, Add</i>	595.14	
			<i>For Class 55 Rating, Add</i>	890.48	
			<i>For Class 56 Rating, Add</i>	1,181.92	
40 05 19 00-1318	EA		18" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,060.74	614.29
			<i>For Class 52 Rating, Deduct</i>	-454.30	
			<i>For Class 54 Rating, Add</i>	630.67	
			<i>For Class 55 Rating, Add</i>	943.33	
			<i>For Class 56 Rating, Add</i>	1,251.86	
40 05 19 00-1319	EA		18" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,301.41	617.00
			<i>For Class 52 Rating, Deduct</i>	-480.32	
			<i>For Class 54 Rating, Add</i>	666.20	
			<i>For Class 55 Rating, Add</i>	996.18	
			<i>For Class 56 Rating, Add</i>	1,321.79	
40 05 19 00-1320	EA		18" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,542.08	619.70
			<i>For Class 52 Rating, Deduct</i>	-506.34	
			<i>For Class 54 Rating, Add</i>	701.74	
			<i>For Class 55 Rating, Add</i>	1,049.03	
			<i>For Class 56 Rating, Add</i>	1,391.73	
40 05 19 00-1321	EA		18" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,782.76	622.43
			<i>For Class 52 Rating, Deduct</i>	-532.37	
			<i>For Class 54 Rating, Add</i>	737.27	
			<i>For Class 55 Rating, Add</i>	1,101.88	
			<i>For Class 56 Rating, Add</i>	1,461.66	
40 05 19 00-1322	EA		18" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,023.43	625.14
			<i>For Class 52 Rating, Deduct</i>	-558.39	
			<i>For Class 54 Rating, Add</i>	772.80	
			<i>For Class 55 Rating, Add</i>	1,154.74	
			<i>For Class 56 Rating, Add</i>	1,531.59	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1323 EA 18" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,264.12	627.85
For Class 52 Rating, Deduct	-584.41	
For Class 54 Rating, Add	808.34	
For Class 55 Rating, Add	1,207.59	
For Class 56 Rating, Add	1,601.53	
40 05 19 00-1324 EA 18" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,504.78	630.55
For Class 52 Rating, Deduct	-610.43	
For Class 54 Rating, Add	843.87	
For Class 55 Rating, Add	1,260.44	
For Class 56 Rating, Add	1,671.46	
40 05 19 00-1325 EA 18" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,745.45	633.28
For Class 52 Rating, Deduct	-636.45	
For Class 54 Rating, Add	879.41	
For Class 55 Rating, Add	1,313.29	
For Class 56 Rating, Add	1,741.39	
40 05 19 00-1326 EA 18" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,986.13	635.99
For Class 52 Rating, Deduct	-662.48	
For Class 54 Rating, Add	914.94	
For Class 55 Rating, Add	1,366.14	
For Class 56 Rating, Add	1,811.33	
40 05 19 00-1327 EA 18" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,226.80	638.69
For Class 52 Rating, Deduct	-688.50	
For Class 54 Rating, Add	950.47	
For Class 55 Rating, Add	1,419.00	
For Class 56 Rating, Add	1,881.26	
40 05 19 00-1328 EA 18" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,467.47	641.42
For Class 52 Rating, Deduct	-714.52	
For Class 54 Rating, Add	986.01	
For Class 55 Rating, Add	1,471.65	
For Class 56 Rating, Add	1,951.20	
40 05 19 00-1329 EA 18" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,708.15	644.13
For Class 52 Rating, Deduct	-740.54	
For Class 54 Rating, Add	1,021.54	
For Class 55 Rating, Add	1,524.70	
For Class 56 Rating, Add	2,021.13	
40 05 19 00-1330 EA 18" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,948.83	646.84
For Class 52 Rating, Deduct	-766.56	
For Class 54 Rating, Add	1,057.07	
For Class 55 Rating, Add	1,577.56	
For Class 56 Rating, Add	2,091.07	
40 05 19 00-1331 EA 18" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,189.50	649.56
For Class 52 Rating, Deduct	-792.59	
For Class 54 Rating, Add	1,092.61	
For Class 55 Rating, Add	1,630.41	
For Class 56 Rating, Add	2,161.00	
40 05 19 00-1332 EA 18" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,430.17	652.27
For Class 52 Rating, Deduct	-818.61	
For Class 54 Rating, Add	1,128.14	
For Class 55 Rating, Add	1,683.26	
For Class 56 Rating, Add	2,230.93	
40 05 19 00-1333 EA 18" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,670.85	654.98
For Class 52 Rating, Deduct	-844.63	
For Class 54 Rating, Add	1,163.68	
For Class 55 Rating, Add	1,736.11	
For Class 56 Rating, Add	2,300.87	
40 05 19 00-1334 EA 18" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,911.53	657.70
For Class 52 Rating, Deduct	-870.65	
For Class 54 Rating, Add	1,199.21	
For Class 55 Rating, Add	1,788.96	
For Class 56 Rating, Add	2,370.80	
40 05 19 00-1335 EA 18" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,152.19	660.41
For Class 52 Rating, Deduct	-896.67	
For Class 54 Rating, Add	1,234.74	
For Class 55 Rating, Add	1,841.81	
For Class 56 Rating, Add	2,440.74	
40 05 19 00-1336 EA 18" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,392.87	663.12
For Class 52 Rating, Deduct	-922.70	
For Class 54 Rating, Add	1,270.28	
For Class 55 Rating, Add	1,894.67	
For Class 56 Rating, Add	2,510.67	
40 05 19 00-1337 EA 18" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,633.55	665.84
For Class 52 Rating, Deduct	-948.72	
For Class 54 Rating, Add	1,305.81	
For Class 55 Rating, Add	1,947.52	
For Class 56 Rating, Add	2,580.61	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-1338	EA	18" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,874.21	668.55
		<i>For Class 52 Rating, Deduct</i>	-974.74	
		<i>For Class 54 Rating, Add</i>	1,341.34	
		<i>For Class 55 Rating, Add</i>	2,000.37	
		<i>For Class 56 Rating, Add</i>	2,650.54	
40 05 19 00-1339	EA	18" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,114.90	671.26
		<i>For Class 52 Rating, Deduct</i>	-1,000.76	
		<i>For Class 54 Rating, Add</i>	1,376.88	
		<i>For Class 55 Rating, Add</i>	2,053.23	
		<i>For Class 56 Rating, Add</i>	2,720.47	
40 05 19 00-1340	EA	18" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,355.57	673.98
		<i>For Class 52 Rating, Deduct</i>	-1,026.78	
		<i>For Class 54 Rating, Add</i>	1,412.41	
		<i>For Class 55 Rating, Add</i>	2,106.08	
		<i>For Class 56 Rating, Add</i>	2,790.41	
40 05 19 00-1341	EA	18" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,596.24	676.69
		<i>For Class 52 Rating, Deduct</i>	-1,052.80	
		<i>For Class 54 Rating, Add</i>	1,447.95	
		<i>For Class 55 Rating, Add</i>	2,158.93	
		<i>For Class 56 Rating, Add</i>	2,860.34	
40 05 19 00-1342	EA	18" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,836.92	679.40
		<i>For Class 52 Rating, Deduct</i>	-1,078.83	
		<i>For Class 54 Rating, Add</i>	1,483.48	
		<i>For Class 55 Rating, Add</i>	2,211.78	
		<i>For Class 56 Rating, Add</i>	2,930.28	
40 05 19 00-1343	EA	18" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,077.59	682.12
		<i>For Class 52 Rating, Deduct</i>	-1,104.85	
		<i>For Class 54 Rating, Add</i>	1,519.01	
		<i>For Class 55 Rating, Add</i>	2,264.63	
		<i>For Class 56 Rating, Add</i>	3,000.21	
40 05 19 00-1344	EA	18" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,318.26	684.83
		<i>For Class 52 Rating, Deduct</i>	-1,130.87	
		<i>For Class 54 Rating, Add</i>	1,554.55	
		<i>For Class 55 Rating, Add</i>	2,317.49	
		<i>For Class 56 Rating, Add</i>	3,070.14	
40 05 19 00-1345	EA	18" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,558.94	687.54
		<i>For Class 52 Rating, Deduct</i>	-1,156.89	
		<i>For Class 54 Rating, Add</i>	1,590.08	
		<i>For Class 55 Rating, Add</i>	2,370.34	
		<i>For Class 56 Rating, Add</i>	3,140.08	

40 05 19 00-1346 20" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe

40 05 19 00-1347	EA	20" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,093.23	670.18
		<i>For Class 52 Rating, Deduct</i>	-228.56	
		<i>For Class 54 Rating, Add</i>	323.86	
		<i>For Class 55 Rating, Add</i>	487.72	
		<i>For Class 56 Rating, Add</i>	649.51	
40 05 19 00-1348	EA	20" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,369.39	672.89
		<i>For Class 52 Rating, Deduct</i>	-258.48	
		<i>For Class 54 Rating, Add</i>	364.71	
		<i>For Class 55 Rating, Add</i>	548.49	
		<i>For Class 56 Rating, Add</i>	729.91	
40 05 19 00-1349	EA	20" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,645.56	675.60
		<i>For Class 52 Rating, Deduct</i>	-288.41	
		<i>For Class 54 Rating, Add</i>	405.57	
		<i>For Class 55 Rating, Add</i>	609.25	
		<i>For Class 56 Rating, Add</i>	810.31	
40 05 19 00-1350	EA	20" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,921.71	678.32
		<i>For Class 52 Rating, Deduct</i>	-318.34	
		<i>For Class 54 Rating, Add</i>	446.43	
		<i>For Class 55 Rating, Add</i>	670.02	
		<i>For Class 56 Rating, Add</i>	890.72	
40 05 19 00-1351	EA	20" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,197.86	681.03
		<i>For Class 52 Rating, Deduct</i>	-348.26	
		<i>For Class 54 Rating, Add</i>	487.28	
		<i>For Class 55 Rating, Add</i>	730.78	
		<i>For Class 56 Rating, Add</i>	971.12	
40 05 19 00-1352	EA	20" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,474.03	683.74
		<i>For Class 52 Rating, Deduct</i>	-378.19	
		<i>For Class 54 Rating, Add</i>	528.14	
		<i>For Class 55 Rating, Add</i>	791.55	
		<i>For Class 56 Rating, Add</i>	1,051.52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1353 EA 20" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,750.19	686.46
For Class 52 Rating, Deduct	-408.11	
For Class 54 Rating, Add	569.00	
For Class 55 Rating, Add	852.31	
For Class 56 Rating, Add	1,131.92	
40 05 19 00-1354 EA 20" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,026.34	689.17
For Class 52 Rating, Deduct	-438.04	
For Class 54 Rating, Add	609.85	
For Class 55 Rating, Add	913.08	
For Class 56 Rating, Add	1,212.33	
40 05 19 00-1355 EA 20" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,302.50	691.88
For Class 52 Rating, Deduct	-467.96	
For Class 54 Rating, Add	650.71	
For Class 55 Rating, Add	973.84	
For Class 56 Rating, Add	1,292.73	
40 05 19 00-1356 EA 20" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,578.66	694.60
For Class 52 Rating, Deduct	-497.89	
For Class 54 Rating, Add	691.57	
For Class 55 Rating, Add	1,034.61	
For Class 56 Rating, Add	1,373.13	
40 05 19 00-1357 EA 20" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,854.82	697.31
For Class 52 Rating, Deduct	-527.81	
For Class 54 Rating, Add	732.42	
For Class 55 Rating, Add	1,095.38	
For Class 56 Rating, Add	1,453.53	
40 05 19 00-1358 EA 20" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,130.98	700.02
For Class 52 Rating, Deduct	-557.74	
For Class 54 Rating, Add	773.28	
For Class 55 Rating, Add	1,156.14	
For Class 56 Rating, Add	1,533.93	
40 05 19 00-1359 EA 20" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,407.14	702.74
For Class 52 Rating, Deduct	-587.66	
For Class 54 Rating, Add	814.14	
For Class 55 Rating, Add	1,216.91	
For Class 56 Rating, Add	1,614.34	
40 05 19 00-1360 EA 20" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,683.30	705.45
For Class 52 Rating, Deduct	-617.59	
For Class 54 Rating, Add	854.99	
For Class 55 Rating, Add	1,277.67	
For Class 56 Rating, Add	1,694.74	
40 05 19 00-1361 EA 20" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,959.45	708.16
For Class 52 Rating, Deduct	-647.51	
For Class 54 Rating, Add	895.85	
For Class 55 Rating, Add	1,338.44	
For Class 56 Rating, Add	1,775.14	
40 05 19 00-1362 EA 20" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,235.61	710.89
For Class 52 Rating, Deduct	-677.44	
For Class 54 Rating, Add	936.70	
For Class 55 Rating, Add	1,399.20	
For Class 56 Rating, Add	1,855.54	
40 05 19 00-1363 EA 20" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,511.78	713.59
For Class 52 Rating, Deduct	-707.36	
For Class 54 Rating, Add	977.56	
For Class 55 Rating, Add	1,459.97	
For Class 56 Rating, Add	1,935.94	
40 05 19 00-1364 EA 20" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,787.93	716.30
For Class 52 Rating, Deduct	-737.29	
For Class 54 Rating, Add	1,018.42	
For Class 55 Rating, Add	1,520.73	
For Class 56 Rating, Add	2,016.34	
40 05 19 00-1365 EA 20" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,064.09	719.02
For Class 52 Rating, Deduct	-767.21	
For Class 54 Rating, Add	1,059.27	
For Class 55 Rating, Add	1,581.50	
For Class 56 Rating, Add	2,096.75	
40 05 19 00-1366 EA 20" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,340.25	721.74
For Class 52 Rating, Deduct	-797.14	
For Class 54 Rating, Add	1,100.13	
For Class 55 Rating, Add	1,642.26	
For Class 56 Rating, Add	2,177.15	
40 05 19 00-1367 EA 20" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,616.41	724.44
For Class 52 Rating, Deduct	-827.06	
For Class 54 Rating, Add	1,140.99	
For Class 55 Rating, Add	1,703.03	
For Class 56 Rating, Add	2,257.55	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1368	EA		20" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,892.56	727.15
			For Class 52 Rating, Deduct	-856.99	
			For Class 54 Rating, Add	1,181.84	
			For Class 55 Rating, Add	1,763.79	
			For Class 56 Rating, Add	2,337.95	
40 05 19 00-1369	EA		20" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,168.72	729.88
			For Class 52 Rating, Deduct	-886.91	
			For Class 54 Rating, Add	1,222.70	
			For Class 55 Rating, Add	1,824.56	
			For Class 56 Rating, Add	2,418.35	
40 05 19 00-1370	EA		20" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,444.88	732.58
			For Class 52 Rating, Deduct	-916.84	
			For Class 54 Rating, Add	1,263.56	
			For Class 55 Rating, Add	1,885.32	
			For Class 56 Rating, Add	2,498.76	
40 05 19 00-1371	EA		20" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,721.05	735.29
			For Class 52 Rating, Deduct	-946.77	
			For Class 54 Rating, Add	1,304.41	
			For Class 55 Rating, Add	1,946.09	
			For Class 56 Rating, Add	2,579.16	
40 05 19 00-1372	EA		20" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,997.20	738.01
			For Class 52 Rating, Deduct	-976.69	
			For Class 54 Rating, Add	1,345.27	
			For Class 55 Rating, Add	2,006.86	
			For Class 56 Rating, Add	2,659.56	
40 05 19 00-1373	EA		20" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,273.36	740.73
			For Class 52 Rating, Deduct	-1,006.62	
			For Class 54 Rating, Add	1,386.13	
			For Class 55 Rating, Add	2,067.62	
			For Class 56 Rating, Add	2,739.96	
40 05 19 00-1374	EA		20" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,549.52	743.43
			For Class 52 Rating, Deduct	-1,036.54	
			For Class 54 Rating, Add	1,426.98	
			For Class 55 Rating, Add	2,128.39	
			For Class 56 Rating, Add	2,820.37	
40 05 19 00-1375	EA		20" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,825.68	746.15
			For Class 52 Rating, Deduct	-1,066.47	
			For Class 54 Rating, Add	1,467.84	
			For Class 55 Rating, Add	2,189.15	
			For Class 56 Rating, Add	2,900.77	
40 05 19 00-1376	EA		20" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,101.84	748.87
			For Class 52 Rating, Deduct	-1,096.39	
			For Class 54 Rating, Add	1,508.70	
			For Class 55 Rating, Add	2,249.92	
			For Class 56 Rating, Add	2,981.17	
40 05 19 00-1377	EA		20" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,377.99	751.57
			For Class 52 Rating, Deduct	-1,126.32	
			For Class 54 Rating, Add	1,549.55	
			For Class 55 Rating, Add	2,310.68	
			For Class 56 Rating, Add	3,061.57	
40 05 19 00-1378	EA		20" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,654.15	754.29
			For Class 52 Rating, Deduct	-1,156.24	
			For Class 54 Rating, Add	1,590.41	
			For Class 55 Rating, Add	2,371.45	
			For Class 56 Rating, Add	3,141.97	
40 05 19 00-1379	EA		20" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,930.31	757.00
			For Class 52 Rating, Deduct	-1,186.17	
			For Class 54 Rating, Add	1,631.26	
			For Class 55 Rating, Add	2,432.21	
			For Class 56 Rating, Add	3,222.38	
40 05 19 00-1380	EA		20" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,206.47	759.72
			For Class 52 Rating, Deduct	-1,216.09	
			For Class 54 Rating, Add	1,672.12	
			For Class 55 Rating, Add	2,492.98	
			For Class 56 Rating, Add	3,302.78	
40 05 19 00-1381	EA		20" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,482.63	762.43
			For Class 52 Rating, Deduct	-1,246.02	
			For Class 54 Rating, Add	1,712.98	
			For Class 55 Rating, Add	2,553.74	
			For Class 56 Rating, Add	3,383.18	
40 05 19 00-1382	EA		20" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,758.79	765.14
			For Class 52 Rating, Deduct	-1,275.94	
			For Class 54 Rating, Add	1,753.83	
			For Class 55 Rating, Add	2,614.51	
			For Class 56 Rating, Add	3,463.58	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1383	EA		20" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,034.94	767.86
			<i>For Class 52 Rating, Deduct</i>	-1,305.87	
			<i>For Class 54 Rating, Add</i>	1,794.69	
			<i>For Class 55 Rating, Add</i>	2,675.27	
			<i>For Class 56 Rating, Add</i>	3,543.98	
40 05 19 00-1384	EA		20" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,311.11	770.57
			<i>For Class 52 Rating, Deduct</i>	-1,335.79	
			<i>For Class 54 Rating, Add</i>	1,835.55	
			<i>For Class 55 Rating, Add</i>	2,736.04	
			<i>For Class 56 Rating, Add</i>	3,624.39	
40 05 19 00-1385 24" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-1028)</small>					
40 05 19 00-1386	EA		24" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,794.73	792.27
			<i>For Class 52 Rating, Deduct</i>	-285.37	
			<i>For Class 54 Rating, Add</i>	403.55	
			<i>For Class 55 Rating, Add</i>	607.34	
			<i>For Class 56 Rating, Add</i>	808.54	
40 05 19 00-1387	EA		24" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,135.94	794.98
			<i>For Class 52 Rating, Deduct</i>	-322.46	
			<i>For Class 54 Rating, Add</i>	454.17	
			<i>For Class 55 Rating, Add</i>	682.61	
			<i>For Class 56 Rating, Add</i>	908.13	
40 05 19 00-1388	EA		24" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,477.14	797.71
			<i>For Class 52 Rating, Deduct</i>	-359.54	
			<i>For Class 54 Rating, Add</i>	504.78	
			<i>For Class 55 Rating, Add</i>	757.88	
			<i>For Class 56 Rating, Add</i>	1,007.72	
40 05 19 00-1389	EA		24" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,818.37	800.41
			<i>For Class 52 Rating, Deduct</i>	-396.62	
			<i>For Class 54 Rating, Add</i>	555.40	
			<i>For Class 55 Rating, Add</i>	833.16	
			<i>For Class 56 Rating, Add</i>	1,107.32	
40 05 19 00-1390	EA		24" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,159.58	803.12
			<i>For Class 52 Rating, Deduct</i>	-433.70	
			<i>For Class 54 Rating, Add</i>	606.01	
			<i>For Class 55 Rating, Add</i>	908.43	
			<i>For Class 56 Rating, Add</i>	1,206.91	
40 05 19 00-1391	EA		24" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,500.80	805.85
			<i>For Class 52 Rating, Deduct</i>	-470.78	
			<i>For Class 54 Rating, Add</i>	656.62	
			<i>For Class 55 Rating, Add</i>	983.70	
			<i>For Class 56 Rating, Add</i>	1,306.50	
40 05 19 00-1392	EA		24" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,842.01	808.56
			<i>For Class 52 Rating, Deduct</i>	-507.86	
			<i>For Class 54 Rating, Add</i>	707.24	
			<i>For Class 55 Rating, Add</i>	1,058.98	
			<i>For Class 56 Rating, Add</i>	1,406.10	
40 05 19 00-1393	EA		24" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,183.22	811.26
			<i>For Class 52 Rating, Deduct</i>	-544.94	
			<i>For Class 54 Rating, Add</i>	757.85	
			<i>For Class 55 Rating, Add</i>	1,134.25	
			<i>For Class 56 Rating, Add</i>	1,505.69	
40 05 19 00-1394	EA		24" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,524.44	813.98
			<i>For Class 52 Rating, Deduct</i>	-582.02	
			<i>For Class 54 Rating, Add</i>	808.47	
			<i>For Class 55 Rating, Add</i>	1,209.52	
			<i>For Class 56 Rating, Add</i>	1,605.28	
40 05 19 00-1395	EA		24" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,865.64	816.70
			<i>For Class 52 Rating, Deduct</i>	-619.11	
			<i>For Class 54 Rating, Add</i>	859.08	
			<i>For Class 55 Rating, Add</i>	1,284.79	
			<i>For Class 56 Rating, Add</i>	1,704.87	
40 05 19 00-1396	EA		24" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,206.87	819.40
			<i>For Class 52 Rating, Deduct</i>	-656.19	
			<i>For Class 54 Rating, Add</i>	909.70	
			<i>For Class 55 Rating, Add</i>	1,360.07	
			<i>For Class 56 Rating, Add</i>	1,804.47	
40 05 19 00-1397	EA		24" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,548.08	822.12
			<i>For Class 52 Rating, Deduct</i>	-693.27	
			<i>For Class 54 Rating, Add</i>	960.31	
			<i>For Class 55 Rating, Add</i>	1,435.34	
			<i>For Class 56 Rating, Add</i>	1,904.06	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1398	EA		24" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,889.29	824.84
			For Class 52 Rating, Deduct	-730.35	
			For Class 54 Rating, Add	1,010.93	
			For Class 55 Rating, Add	1,510.61	
			For Class 56 Rating, Add	2,003.66	
40 05 19 00-1399	EA		24" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,230.50	827.55
			For Class 52 Rating, Deduct	-767.43	
			For Class 54 Rating, Add	1,061.54	
			For Class 55 Rating, Add	1,585.88	
			For Class 56 Rating, Add	2,103.25	
40 05 19 00-1400	EA		24" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,571.72	830.26
			For Class 52 Rating, Deduct	-804.51	
			For Class 54 Rating, Add	1,112.16	
			For Class 55 Rating, Add	1,661.16	
			For Class 56 Rating, Add	2,202.84	
40 05 19 00-1401	EA		24" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,912.93	832.97
			For Class 52 Rating, Deduct	-841.59	
			For Class 54 Rating, Add	1,162.77	
			For Class 55 Rating, Add	1,736.43	
			For Class 56 Rating, Add	2,302.44	
40 05 19 00-1402	EA		24" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,254.14	835.69
			For Class 52 Rating, Deduct	-878.67	
			For Class 54 Rating, Add	1,213.39	
			For Class 55 Rating, Add	1,811.70	
			For Class 56 Rating, Add	2,402.03	
40 05 19 00-1403	EA		24" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,595.35	838.40
			For Class 52 Rating, Deduct	-915.76	
			For Class 54 Rating, Add	1,264.00	
			For Class 55 Rating, Add	1,886.97	
			For Class 56 Rating, Add	2,501.62	
40 05 19 00-1404	EA		24" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,936.58	841.11
			For Class 52 Rating, Deduct	-952.84	
			For Class 54 Rating, Add	1,314.62	
			For Class 55 Rating, Add	1,962.25	
			For Class 56 Rating, Add	2,601.22	
40 05 19 00-1405	EA		24" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,277.79	843.83
			For Class 52 Rating, Deduct	-989.92	
			For Class 54 Rating, Add	1,365.23	
			For Class 55 Rating, Add	2,037.52	
			For Class 56 Rating, Add	2,700.81	
40 05 19 00-1406	EA		24" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,618.99	846.55
			For Class 52 Rating, Deduct	-1,027.00	
			For Class 54 Rating, Add	1,415.85	
			For Class 55 Rating, Add	2,112.79	
			For Class 56 Rating, Add	2,800.40	
40 05 19 00-1407	EA		24" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,960.21	849.25
			For Class 52 Rating, Deduct	-1,064.08	
			For Class 54 Rating, Add	1,466.46	
			For Class 55 Rating, Add	2,188.06	
			For Class 56 Rating, Add	2,899.99	
40 05 19 00-1408	EA		24" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,301.43	851.96
			For Class 52 Rating, Deduct	-1,101.16	
			For Class 54 Rating, Add	1,517.08	
			For Class 55 Rating, Add	2,263.34	
			For Class 56 Rating, Add	2,999.59	
40 05 19 00-1409	EA		24" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,642.64	854.68
			For Class 52 Rating, Deduct	-1,138.24	
			For Class 54 Rating, Add	1,567.69	
			For Class 55 Rating, Add	2,338.61	
			For Class 56 Rating, Add	3,099.18	
40 05 19 00-1410	EA		24" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,983.85	857.40
			For Class 52 Rating, Deduct	-1,175.32	
			For Class 54 Rating, Add	1,618.30	
			For Class 55 Rating, Add	2,413.88	
			For Class 56 Rating, Add	3,198.77	
40 05 19 00-1411	EA		24" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,325.06	860.10
			For Class 52 Rating, Deduct	-1,212.41	
			For Class 54 Rating, Add	1,668.92	
			For Class 55 Rating, Add	2,489.15	
			For Class 56 Rating, Add	3,298.37	
40 05 19 00-1412	EA		24" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,666.29	862.82
			For Class 52 Rating, Deduct	-1,249.49	
			For Class 54 Rating, Add	1,719.53	
			For Class 55 Rating, Add	2,564.43	
			For Class 56 Rating, Add	3,397.96	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1413 EA 24" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,007.49	865.54
For Class 52 Rating, Deduct	-1,286.57	
For Class 54 Rating, Add	1,770.15	
For Class 55 Rating, Add	2,639.70	
For Class 56 Rating, Add	3,497.55	
40 05 19 00-1414 EA 24" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,348.70	868.24
For Class 52 Rating, Deduct	-1,323.65	
For Class 54 Rating, Add	1,820.76	
For Class 55 Rating, Add	2,714.97	
For Class 56 Rating, Add	3,597.15	
40 05 19 00-1415 EA 24" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,759.80	917.08
For Class 52 Rating, Deduct	-1,360.73	
For Class 54 Rating, Add	1,872.22	
For Class 55 Rating, Add	2,791.92	
For Class 56 Rating, Add	3,699.26	
40 05 19 00-1416 EA 24" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,101.02	919.80
For Class 52 Rating, Deduct	-1,397.81	
For Class 54 Rating, Add	1,922.83	
For Class 55 Rating, Add	2,867.20	
For Class 56 Rating, Add	3,798.85	
40 05 19 00-1417 EA 24" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,442.24	922.51
For Class 52 Rating, Deduct	-1,434.89	
For Class 54 Rating, Add	1,973.45	
For Class 55 Rating, Add	2,942.47	
For Class 56 Rating, Add	3,898.44	
40 05 19 00-1418 EA 24" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,783.44	925.23
For Class 52 Rating, Deduct	-1,471.97	
For Class 54 Rating, Add	2,024.06	
For Class 55 Rating, Add	3,017.74	
For Class 56 Rating, Add	3,998.04	
40 05 19 00-1419 EA 24" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,124.66	927.93
For Class 52 Rating, Deduct	-1,509.06	
For Class 54 Rating, Add	2,074.68	
For Class 55 Rating, Add	3,093.01	
For Class 56 Rating, Add	4,097.63	
40 05 19 00-1420 EA 24" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,465.88	930.65
For Class 52 Rating, Deduct	-1,546.14	
For Class 54 Rating, Add	2,125.29	
For Class 55 Rating, Add	3,168.29	
For Class 56 Rating, Add	4,197.22	
40 05 19 00-1421 EA 24" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,807.09	933.37
For Class 52 Rating, Deduct	-1,583.22	
For Class 54 Rating, Add	2,175.91	
For Class 55 Rating, Add	3,243.56	
For Class 56 Rating, Add	4,296.82	
40 05 19 00-1422 EA 24" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,148.30	936.07
For Class 52 Rating, Deduct	-1,620.30	
For Class 54 Rating, Add	2,226.52	
For Class 55 Rating, Add	3,318.83	
For Class 56 Rating, Add	4,396.41	
40 05 19 00-1423 EA 24" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,489.51	938.79
For Class 52 Rating, Deduct	-1,657.38	
For Class 54 Rating, Add	2,277.13	
For Class 55 Rating, Add	3,394.10	
For Class 56 Rating, Add	4,496.00	
40 05 19 00-1424 30" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		
<small>(40 05 19 00-1028)</small>		
40 05 19 00-1425 EA 30" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,794.17	1,117.87
For Class 52 Rating, Deduct	-451.05	
For Class 54 Rating, Add	635.39	
For Class 55 Rating, Add	955.05	
For Class 56 Rating, Add	1,270.60	
40 05 19 00-1426 EA 30" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,285.20	1,120.58
For Class 52 Rating, Deduct	-504.61	
For Class 54 Rating, Add	708.48	
For Class 55 Rating, Add	1,063.73	
For Class 56 Rating, Add	1,414.39	
40 05 19 00-1427 EA 30" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,776.24	1,123.29
For Class 52 Rating, Deduct	-558.17	
For Class 54 Rating, Add	781.57	
For Class 55 Rating, Add	1,172.41	
For Class 56 Rating, Add	1,558.18	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1428	EA		30" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,267.28	1,126.01
			For Class 52 Rating, Deduct	-611.73	
			For Class 54 Rating, Add	854.65	
			For Class 55 Rating, Add	1,281.10	
			For Class 56 Rating, Add	1,701.98	
40 05 19 00-1429	EA		30" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,758.31	1,128.73
			For Class 52 Rating, Deduct	-665.29	
			For Class 54 Rating, Add	927.74	
			For Class 55 Rating, Add	1,389.78	
			For Class 56 Rating, Add	1,845.76	
40 05 19 00-1430	EA		30" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,249.36	1,131.43
			For Class 52 Rating, Deduct	-718.86	
			For Class 54 Rating, Add	1,000.83	
			For Class 55 Rating, Add	1,498.46	
			For Class 56 Rating, Add	1,989.56	
40 05 19 00-1431	EA		30" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,740.38	1,134.14
			For Class 52 Rating, Deduct	-772.42	
			For Class 54 Rating, Add	1,073.92	
			For Class 55 Rating, Add	1,607.14	
			For Class 56 Rating, Add	2,133.35	
40 05 19 00-1432	EA		30" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,231.42	1,136.87
			For Class 52 Rating, Deduct	-825.98	
			For Class 54 Rating, Add	1,147.01	
			For Class 55 Rating, Add	1,715.83	
			For Class 56 Rating, Add	2,277.14	
40 05 19 00-1433	EA		30" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,722.47	1,139.57
			For Class 52 Rating, Deduct	-879.54	
			For Class 54 Rating, Add	1,220.10	
			For Class 55 Rating, Add	1,824.51	
			For Class 56 Rating, Add	2,420.93	
40 05 19 00-1434	EA		30" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,213.49	1,142.28
			For Class 52 Rating, Deduct	-933.10	
			For Class 54 Rating, Add	1,293.18	
			For Class 55 Rating, Add	1,933.19	
			For Class 56 Rating, Add	2,564.72	
40 05 19 00-1435	EA		30" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,704.54	1,145.01
			For Class 52 Rating, Deduct	-986.67	
			For Class 54 Rating, Add	1,366.27	
			For Class 55 Rating, Add	2,041.88	
			For Class 56 Rating, Add	2,708.51	
40 05 19 00-1436	EA		30" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,195.57	1,147.72
			For Class 52 Rating, Deduct	-1,040.23	
			For Class 54 Rating, Add	1,439.36	
			For Class 55 Rating, Add	2,150.56	
			For Class 56 Rating, Add	2,852.30	
40 05 19 00-1437	EA		30" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,686.61	1,150.42
			For Class 52 Rating, Deduct	-1,093.79	
			For Class 54 Rating, Add	1,512.45	
			For Class 55 Rating, Add	2,259.24	
			For Class 56 Rating, Add	2,996.09	
40 05 19 00-1438	EA		30" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,177.65	1,153.14
			For Class 52 Rating, Deduct	-1,147.35	
			For Class 54 Rating, Add	1,585.54	
			For Class 55 Rating, Add	2,367.93	
			For Class 56 Rating, Add	3,139.89	
40 05 19 00-1439	EA		30" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,668.68	1,155.86
			For Class 52 Rating, Deduct	-1,200.91	
			For Class 54 Rating, Add	1,658.62	
			For Class 55 Rating, Add	2,476.61	
			For Class 56 Rating, Add	3,283.68	
40 05 19 00-1440	EA		30" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,159.72	1,158.56
			For Class 52 Rating, Deduct	-1,254.48	
			For Class 54 Rating, Add	1,731.71	
			For Class 55 Rating, Add	2,585.29	
			For Class 56 Rating, Add	3,427.47	
40 05 19 00-1441	EA		30" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,650.76	1,161.27
			For Class 52 Rating, Deduct	-1,308.04	
			For Class 54 Rating, Add	1,804.80	
			For Class 55 Rating, Add	2,693.98	
			For Class 56 Rating, Add	3,571.26	
40 05 19 00-1442	EA		30" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,141.79	1,164.00
			For Class 52 Rating, Deduct	-1,361.60	
			For Class 54 Rating, Add	1,877.89	
			For Class 55 Rating, Add	2,802.66	
			For Class 56 Rating, Add	3,715.05	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1443 EA 30" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,632.84	1,166.71
For Class 52 Rating, Deduct	-1,415.16	
For Class 54 Rating, Add	1,950.98	
For Class 55 Rating, Add	2,911.34	
For Class 56 Rating, Add	3,858.84	
40 05 19 00-1444 EA 30" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,123.87	1,169.41
For Class 52 Rating, Deduct	-1,468.72	
For Class 54 Rating, Add	2,024.07	
For Class 55 Rating, Add	3,020.02	
For Class 56 Rating, Add	4,002.63	
40 05 19 00-1445 EA 30" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,614.90	1,172.13
For Class 52 Rating, Deduct	-1,522.28	
For Class 54 Rating, Add	2,097.15	
For Class 55 Rating, Add	3,128.71	
For Class 56 Rating, Add	4,146.42	
40 05 19 00-1446 EA 30" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,105.94	1,174.85
For Class 52 Rating, Deduct	-1,575.85	
For Class 54 Rating, Add	2,170.24	
For Class 55 Rating, Add	3,237.39	
For Class 56 Rating, Add	4,290.21	
40 05 19 00-1447 EA 30" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,596.98	1,177.55
For Class 52 Rating, Deduct	-1,629.41	
For Class 54 Rating, Add	2,243.33	
For Class 55 Rating, Add	3,346.07	
For Class 56 Rating, Add	4,434.01	
40 05 19 00-1448 EA 30" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,088.01	1,180.27
For Class 52 Rating, Deduct	-1,682.97	
For Class 54 Rating, Add	2,316.42	
For Class 55 Rating, Add	3,454.76	
For Class 56 Rating, Add	4,577.80	
40 05 19 00-1449 EA 30" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,579.05	1,182.99
For Class 52 Rating, Deduct	-1,736.53	
For Class 54 Rating, Add	2,389.51	
For Class 55 Rating, Add	3,563.44	
For Class 56 Rating, Add	4,721.59	
40 05 19 00-1450 EA 30" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,070.09	1,185.70
For Class 52 Rating, Deduct	-1,790.09	
For Class 54 Rating, Add	2,462.60	
For Class 55 Rating, Add	3,672.12	
For Class 56 Rating, Add	4,865.38	
40 05 19 00-1451 EA 30" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,561.13	1,188.41
For Class 52 Rating, Deduct	-1,843.66	
For Class 54 Rating, Add	2,535.68	
For Class 55 Rating, Add	3,780.81	
For Class 56 Rating, Add	5,009.17	
40 05 19 00-1452 EA 30" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,052.17	1,191.12
For Class 52 Rating, Deduct	-1,897.22	
For Class 54 Rating, Add	2,608.77	
For Class 55 Rating, Add	3,889.49	
For Class 56 Rating, Add	5,152.96	
40 05 19 00-1453 EA 30" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,543.19	1,193.84
For Class 52 Rating, Deduct	-1,950.78	
For Class 54 Rating, Add	2,681.86	
For Class 55 Rating, Add	3,998.17	
For Class 56 Rating, Add	5,296.75	
40 05 19 00-1454 EA 30" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,034.24	1,196.56
For Class 52 Rating, Deduct	-2,004.34	
For Class 54 Rating, Add	2,754.95	
For Class 55 Rating, Add	4,106.86	
For Class 56 Rating, Add	5,440.54	
40 05 19 00-1455 EA 30" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,525.28	1,199.26
For Class 52 Rating, Deduct	-2,057.90	
For Class 54 Rating, Add	2,828.04	
For Class 55 Rating, Add	4,215.54	
For Class 56 Rating, Add	5,584.34	
40 05 19 00-1456 EA 30" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,016.30	1,201.98
For Class 52 Rating, Deduct	-2,111.46	
For Class 54 Rating, Add	2,901.12	
For Class 55 Rating, Add	4,324.22	
For Class 56 Rating, Add	5,728.13	
40 05 19 00-1457 EA 30" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,507.35	1,204.70
For Class 52 Rating, Deduct	-2,165.03	
For Class 54 Rating, Add	2,974.21	
For Class 55 Rating, Add	4,432.91	
For Class 56 Rating, Add	5,871.92	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1458	EA		30" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,998.38	1,207.40
			<i>For Class 52 Rating, Deduct</i>	-2,218.59	
			<i>For Class 54 Rating, Add</i>	3,047.30	
			<i>For Class 55 Rating, Add</i>	4,541.59	
			<i>For Class 56 Rating, Add</i>	6,015.71	
40 05 19 00-1459	EA		30" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,489.43	1,210.11
			<i>For Class 52 Rating, Deduct</i>	-2,272.15	
			<i>For Class 54 Rating, Add</i>	3,120.39	
			<i>For Class 55 Rating, Add</i>	4,650.27	
			<i>For Class 56 Rating, Add</i>	6,159.50	
40 05 19 00-1460	EA		30" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,980.46	1,212.84
			<i>For Class 52 Rating, Deduct</i>	-2,325.71	
			<i>For Class 54 Rating, Add</i>	3,193.48	
			<i>For Class 55 Rating, Add</i>	4,758.96	
			<i>For Class 56 Rating, Add</i>	6,303.29	
40 05 19 00-1461	EA		30" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,471.49	1,215.55
			<i>For Class 52 Rating, Deduct</i>	-2,379.27	
			<i>For Class 54 Rating, Add</i>	3,266.56	
			<i>For Class 55 Rating, Add</i>	4,867.64	
			<i>For Class 56 Rating, Add</i>	6,447.08	
40 05 19 00-1462	EA		30" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,962.54	1,218.25
			<i>For Class 52 Rating, Deduct</i>	-2,432.84	
			<i>For Class 54 Rating, Add</i>	3,339.65	
			<i>For Class 55 Rating, Add</i>	4,976.32	
			<i>For Class 56 Rating, Add</i>	6,590.87	
40 05 19 00-1463			36" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-1028)</small>		
40 05 19 00-1464	EA		36" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,985.12	1,416.32
			<i>For Class 52 Rating, Deduct</i>	-642.31	
			<i>For Class 54 Rating, Add</i>	901.63	
			<i>For Class 55 Rating, Add</i>	1,353.64	
			<i>For Class 56 Rating, Add</i>	1,799.81	
40 05 19 00-1465	EA		36" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,651.62	1,419.05
			<i>For Class 52 Rating, Deduct</i>	-715.17	
			<i>For Class 54 Rating, Add</i>	1,001.03	
			<i>For Class 55 Rating, Add</i>	1,501.45	
			<i>For Class 56 Rating, Add</i>	1,995.36	
40 05 19 00-1466	EA		36" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,318.09	1,421.75
			<i>For Class 52 Rating, Deduct</i>	-788.03	
			<i>For Class 54 Rating, Add</i>	1,100.44	
			<i>For Class 55 Rating, Add</i>	1,649.25	
			<i>For Class 56 Rating, Add</i>	2,190.91	
40 05 19 00-1467	EA		36" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,984.58	1,424.46
			<i>For Class 52 Rating, Deduct</i>	-860.89	
			<i>For Class 54 Rating, Add</i>	1,199.84	
			<i>For Class 55 Rating, Add</i>	1,797.06	
			<i>For Class 56 Rating, Add</i>	2,386.46	
40 05 19 00-1468	EA		36" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,651.08	1,427.19
			<i>For Class 52 Rating, Deduct</i>	-933.75	
			<i>For Class 54 Rating, Add</i>	1,299.25	
			<i>For Class 55 Rating, Add</i>	1,944.87	
			<i>For Class 56 Rating, Add</i>	2,582.01	
40 05 19 00-1469	EA		36" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,317.55	1,429.89
			<i>For Class 52 Rating, Deduct</i>	-1,006.62	
			<i>For Class 54 Rating, Add</i>	1,398.66	
			<i>For Class 55 Rating, Add</i>	2,092.68	
			<i>For Class 56 Rating, Add</i>	2,777.55	
40 05 19 00-1470	EA		36" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,984.04	1,432.60
			<i>For Class 52 Rating, Deduct</i>	-1,079.48	
			<i>For Class 54 Rating, Add</i>	1,498.06	
			<i>For Class 55 Rating, Add</i>	2,240.49	
			<i>For Class 56 Rating, Add</i>	2,973.10	
40 05 19 00-1471	EA		36" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,650.54	1,435.32
			<i>For Class 52 Rating, Deduct</i>	-1,152.34	
			<i>For Class 54 Rating, Add</i>	1,597.47	
			<i>For Class 55 Rating, Add</i>	2,388.30	
			<i>For Class 56 Rating, Add</i>	3,168.65	
40 05 19 00-1472	EA		36" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,317.02	1,438.04
			<i>For Class 52 Rating, Deduct</i>	-1,225.20	
			<i>For Class 54 Rating, Add</i>	1,696.87	
			<i>For Class 55 Rating, Add</i>	2,536.11	
			<i>For Class 56 Rating, Add</i>	3,364.20	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1473	EA		36" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,983.51	1,440.74
			For Class 52 Rating, Deduct	-1,298.06	
			For Class 54 Rating, Add	1,796.28	
			For Class 55 Rating, Add	2,683.92	
			For Class 56 Rating, Add	3,559.75	
40 05 19 00-1474	EA		36" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,650.00	1,443.46
			For Class 52 Rating, Deduct	-1,370.92	
			For Class 54 Rating, Add	1,895.69	
			For Class 55 Rating, Add	2,831.73	
			For Class 56 Rating, Add	3,755.30	
40 05 19 00-1475	EA		36" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,316.48	1,446.18
			For Class 52 Rating, Deduct	-1,443.78	
			For Class 54 Rating, Add	1,995.09	
			For Class 55 Rating, Add	2,979.53	
			For Class 56 Rating, Add	3,950.85	
40 05 19 00-1476	EA		36" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,982.97	1,448.88
			For Class 52 Rating, Deduct	-1,516.65	
			For Class 54 Rating, Add	2,094.50	
			For Class 55 Rating, Add	3,127.34	
			For Class 56 Rating, Add	4,146.40	
40 05 19 00-1477	EA		36" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,649.46	1,451.60
			For Class 52 Rating, Deduct	-1,589.51	
			For Class 54 Rating, Add	2,193.90	
			For Class 55 Rating, Add	3,275.15	
			For Class 56 Rating, Add	4,341.95	
40 05 19 00-1478	EA		36" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,315.95	1,454.31
			For Class 52 Rating, Deduct	-1,662.37	
			For Class 54 Rating, Add	2,293.31	
			For Class 55 Rating, Add	3,422.96	
			For Class 56 Rating, Add	4,537.50	
40 05 19 00-1479	EA		36" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,982.44	1,457.03
			For Class 52 Rating, Deduct	-1,735.23	
			For Class 54 Rating, Add	2,392.71	
			For Class 55 Rating, Add	3,570.77	
			For Class 56 Rating, Add	4,733.05	
40 05 19 00-1480	EA		36" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,648.92	1,459.74
			For Class 52 Rating, Deduct	-1,808.09	
			For Class 54 Rating, Add	2,492.12	
			For Class 55 Rating, Add	3,718.58	
			For Class 56 Rating, Add	4,928.60	
40 05 19 00-1481	EA		36" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,315.42	1,462.45
			For Class 52 Rating, Deduct	-1,880.95	
			For Class 54 Rating, Add	2,591.53	
			For Class 55 Rating, Add	3,866.39	
			For Class 56 Rating, Add	5,124.15	
40 05 19 00-1482	EA		36" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,981.90	1,465.17
			For Class 52 Rating, Deduct	-1,953.81	
			For Class 54 Rating, Add	2,690.93	
			For Class 55 Rating, Add	4,014.19	
			For Class 56 Rating, Add	5,319.69	
40 05 19 00-1483	EA		36" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,648.39	1,467.89
			For Class 52 Rating, Deduct	-2,026.68	
			For Class 54 Rating, Add	2,790.34	
			For Class 55 Rating, Add	4,162.00	
			For Class 56 Rating, Add	5,515.24	
40 05 19 00-1484	EA		36" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,314.88	1,470.59
			For Class 52 Rating, Deduct	-2,099.54	
			For Class 54 Rating, Add	2,889.74	
			For Class 55 Rating, Add	4,309.81	
			For Class 56 Rating, Add	5,710.79	
40 05 19 00-1485	EA		36" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,981.36	1,473.30
			For Class 52 Rating, Deduct	-2,172.40	
			For Class 54 Rating, Add	2,989.15	
			For Class 55 Rating, Add	4,457.62	
			For Class 56 Rating, Add	5,906.34	
40 05 19 00-1486	EA		36" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,647.85	1,476.03
			For Class 52 Rating, Deduct	-2,245.26	
			For Class 54 Rating, Add	3,088.56	
			For Class 55 Rating, Add	4,605.43	
			For Class 56 Rating, Add	6,101.89	
40 05 19 00-1487	EA		36" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,314.34	1,478.73
			For Class 52 Rating, Deduct	-2,318.12	
			For Class 54 Rating, Add	3,187.96	
			For Class 55 Rating, Add	4,753.24	
			For Class 56 Rating, Add	6,297.44	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1488	EA		36" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,980.83	1,481.44
			For Class 52 Rating, Deduct	-2,390.98	
			For Class 54 Rating, Add	3,287.37	
			For Class 55 Rating, Add	4,901.05	
			For Class 56 Rating, Add	6,492.99	
40 05 19 00-1489	EA		36" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,647.32	1,484.16
			For Class 52 Rating, Deduct	-2,463.84	
			For Class 54 Rating, Add	3,386.77	
			For Class 55 Rating, Add	5,048.86	
			For Class 56 Rating, Add	6,688.54	
40 05 19 00-1490	EA		36" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,313.81	1,486.88
			For Class 52 Rating, Deduct	-2,536.71	
			For Class 54 Rating, Add	3,486.18	
			For Class 55 Rating, Add	5,196.66	
			For Class 56 Rating, Add	6,884.09	
40 05 19 00-1491	EA		36" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,980.29	1,489.58
			For Class 52 Rating, Deduct	-2,609.57	
			For Class 54 Rating, Add	3,585.59	
			For Class 55 Rating, Add	5,344.47	
			For Class 56 Rating, Add	7,079.64	
40 05 19 00-1492	EA		36" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,646.78	1,492.29
			For Class 52 Rating, Deduct	-2,682.43	
			For Class 54 Rating, Add	3,684.99	
			For Class 55 Rating, Add	5,492.28	
			For Class 56 Rating, Add	7,275.19	
40 05 19 00-1493	EA		36" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,313.27	1,495.02
			For Class 52 Rating, Deduct	-2,755.29	
			For Class 54 Rating, Add	3,784.40	
			For Class 55 Rating, Add	5,640.09	
			For Class 56 Rating, Add	7,470.74	
40 05 19 00-1494	EA		36" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,979.76	1,497.72
			For Class 52 Rating, Deduct	-2,828.15	
			For Class 54 Rating, Add	3,883.80	
			For Class 55 Rating, Add	5,787.90	
			For Class 56 Rating, Add	7,666.29	
40 05 19 00-1495	EA		36" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,646.24	1,500.43
			For Class 52 Rating, Deduct	-2,901.01	
			For Class 54 Rating, Add	3,983.21	
			For Class 55 Rating, Add	5,935.71	
			For Class 56 Rating, Add	7,861.83	
40 05 19 00-1496	EA		36" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,312.73	1,503.16
			For Class 52 Rating, Deduct	-2,973.88	
			For Class 54 Rating, Add	4,082.61	
			For Class 55 Rating, Add	6,083.52	
			For Class 56 Rating, Add	8,057.38	
40 05 19 00-1497	EA		36" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,979.23	1,505.87
			For Class 52 Rating, Deduct	-3,046.74	
			For Class 54 Rating, Add	4,182.02	
			For Class 55 Rating, Add	6,231.33	
			For Class 56 Rating, Add	8,252.93	
40 05 19 00-1498	EA		36" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,645.70	1,508.57
			For Class 52 Rating, Deduct	-3,119.60	
			For Class 54 Rating, Add	4,281.43	
			For Class 55 Rating, Add	6,379.13	
			For Class 56 Rating, Add	8,448.48	
40 05 19 00-1499	EA		36" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,312.19	1,511.29
			For Class 52 Rating, Deduct	-3,192.46	
			For Class 54 Rating, Add	4,380.83	
			For Class 55 Rating, Add	6,526.94	
			For Class 56 Rating, Add	8,644.03	
40 05 19 00-1500	EA		36" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,978.69	1,514.01
			For Class 52 Rating, Deduct	-3,265.32	
			For Class 54 Rating, Add	4,480.24	
			For Class 55 Rating, Add	6,674.75	
			For Class 56 Rating, Add	8,839.58	
40 05 19 00-1501	EA		36" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,645.18	1,516.71
			For Class 52 Rating, Deduct	-3,338.18	
			For Class 54 Rating, Add	4,579.64	
			For Class 55 Rating, Add	6,822.56	
			For Class 56 Rating, Add	9,035.13	

40 05 19 00-1502 42" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe (40 05 19 00-1028)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1503	EA		42" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,533.31	1,785.34
			<i>For Class 52 Rating, Deduct</i>	-861.11	
			<i>For Class 54 Rating, Add</i>	1,206.70	
			<i>For Class 55 Rating, Add</i>	1,810.63	
			<i>For Class 56 Rating, Add</i>	2,406.72	
40 05 19 00-1504	EA		42" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,527.05	1,788.04
			<i>For Class 52 Rating, Deduct</i>	-969.97	
			<i>For Class 54 Rating, Add</i>	1,355.19	
			<i>For Class 55 Rating, Add</i>	2,031.41	
			<i>For Class 56 Rating, Add</i>	2,698.81	
40 05 19 00-1505	EA		42" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,508.96	1,790.75
			<i>For Class 52 Rating, Deduct</i>	-1,077.53	
			<i>For Class 54 Rating, Add</i>	1,501.91	
			<i>For Class 55 Rating, Add</i>	2,249.56	
			<i>For Class 56 Rating, Add</i>	2,987.41	
40 05 19 00-1506	EA		42" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,500.72	1,793.47
			<i>For Class 52 Rating, Deduct</i>	-1,186.17	
			<i>For Class 54 Rating, Add</i>	1,650.11	
			<i>For Class 55 Rating, Add</i>	2,469.90	
			<i>For Class 56 Rating, Add</i>	3,278.91	
40 05 19 00-1507	EA		42" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,482.62	1,796.19
			<i>For Class 52 Rating, Deduct</i>	-1,293.72	
			<i>For Class 54 Rating, Add</i>	1,796.83	
			<i>For Class 55 Rating, Add</i>	2,688.05	
			<i>For Class 56 Rating, Add</i>	3,567.51	
40 05 19 00-1508	EA		42" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,476.36	1,798.89
			<i>For Class 52 Rating, Deduct</i>	-1,402.58	
			<i>For Class 54 Rating, Add</i>	1,945.32	
			<i>For Class 55 Rating, Add</i>	2,908.83	
			<i>For Class 56 Rating, Add</i>	3,859.60	
40 05 19 00-1509	EA		42" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,456.30	1,801.61
			<i>For Class 52 Rating, Deduct</i>	-1,509.92	
			<i>For Class 54 Rating, Add</i>	2,091.74	
			<i>For Class 55 Rating, Add</i>	3,126.54	
			<i>For Class 56 Rating, Add</i>	4,147.61	
40 05 19 00-1510	EA		42" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,450.03	1,804.33
			<i>For Class 52 Rating, Deduct</i>	-1,618.78	
			<i>For Class 54 Rating, Add</i>	2,240.24	
			<i>For Class 55 Rating, Add</i>	3,347.32	
			<i>For Class 56 Rating, Add</i>	4,439.70	
40 05 19 00-1511	EA		42" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,431.93	1,807.04
			<i>For Class 52 Rating, Deduct</i>	-1,726.34	
			<i>For Class 54 Rating, Add</i>	2,386.96	
			<i>For Class 55 Rating, Add</i>	3,565.47	
			<i>For Class 56 Rating, Add</i>	4,728.30	
40 05 19 00-1512	EA		42" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,423.70	1,809.75
			<i>For Class 52 Rating, Deduct</i>	-1,834.98	
			<i>For Class 54 Rating, Add</i>	2,535.15	
			<i>For Class 55 Rating, Add</i>	3,785.82	
			<i>For Class 56 Rating, Add</i>	5,019.80	
40 05 19 00-1513	EA		42" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,405.60	1,812.46
			<i>For Class 52 Rating, Deduct</i>	-1,942.54	
			<i>For Class 54 Rating, Add</i>	2,681.87	
			<i>For Class 55 Rating, Add</i>	4,003.96	
			<i>For Class 56 Rating, Add</i>	5,308.40	
40 05 19 00-1514	EA		42" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,397.35	1,815.18
			<i>For Class 52 Rating, Deduct</i>	-2,051.18	
			<i>For Class 54 Rating, Add</i>	2,830.07	
			<i>For Class 55 Rating, Add</i>	4,224.31	
			<i>For Class 56 Rating, Add</i>	5,599.90	
40 05 19 00-1515	EA		42" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,379.27	1,817.89
			<i>For Class 52 Rating, Deduct</i>	-2,158.74	
			<i>For Class 54 Rating, Add</i>	2,976.79	
			<i>For Class 55 Rating, Add</i>	4,442.46	
			<i>For Class 56 Rating, Add</i>	5,888.50	
40 05 19 00-1516	EA		42" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,363.14	1,820.60
			<i>For Class 52 Rating, Deduct</i>	-2,266.51	
			<i>For Class 54 Rating, Add</i>	3,123.80	
			<i>For Class 55 Rating, Add</i>	4,661.04	
			<i>For Class 56 Rating, Add</i>	6,177.68	
40 05 19 00-1517	EA		42" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,352.94	1,823.32
			<i>For Class 52 Rating, Deduct</i>	-2,374.94	
			<i>For Class 54 Rating, Add</i>	3,271.70	
			<i>For Class 55 Rating, Add</i>	4,880.95	
			<i>For Class 56 Rating, Add</i>	6,468.60	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1518	EA		42" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,334.84	1,826.04
			For Class 52 Rating, Deduct	-2,482.49	
			For Class 54 Rating, Add	3,418.42	
			For Class 55 Rating, Add	5,099.09	
			For Class 56 Rating, Add	6,757.20	
40 05 19 00-1519	EA		42" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,328.57	1,828.74
			For Class 52 Rating, Deduct	-2,591.35	
			For Class 54 Rating, Add	3,566.91	
			For Class 55 Rating, Add	5,319.88	
			For Class 56 Rating, Add	7,049.29	
40 05 19 00-1520	EA		42" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,310.49	1,831.45
			For Class 52 Rating, Deduct	-2,698.91	
			For Class 54 Rating, Add	3,713.63	
			For Class 55 Rating, Add	5,538.03	
			For Class 56 Rating, Add	7,337.89	
40 05 19 00-1521	EA		42" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,302.25	1,834.18
			For Class 52 Rating, Deduct	-2,807.55	
			For Class 54 Rating, Add	3,861.83	
			For Class 55 Rating, Add	5,758.37	
			For Class 56 Rating, Add	7,629.39	
40 05 19 00-1522	EA		42" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,284.14	1,836.88
			For Class 52 Rating, Deduct	-2,915.11	
			For Class 54 Rating, Add	4,008.55	
			For Class 55 Rating, Add	5,976.52	
			For Class 56 Rating, Add	7,917.99	
40 05 19 00-1523	EA		42" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,277.89	1,839.59
			For Class 52 Rating, Deduct	-3,023.97	
			For Class 54 Rating, Add	4,157.04	
			For Class 55 Rating, Add	6,197.30	
			For Class 56 Rating, Add	8,210.07	
40 05 19 00-1524	EA		42" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,259.79	1,842.32
			For Class 52 Rating, Deduct	-3,131.53	
			For Class 54 Rating, Add	4,303.76	
			For Class 55 Rating, Add	6,415.45	
			For Class 56 Rating, Add	8,498.67	
40 05 19 00-1525	EA		42" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,251.55	1,845.03
			For Class 52 Rating, Deduct	-3,240.17	
			For Class 54 Rating, Add	4,451.95	
			For Class 55 Rating, Add	6,635.79	
			For Class 56 Rating, Add	8,790.18	
40 05 19 00-1526	EA		42" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,233.46	1,847.73
			For Class 52 Rating, Deduct	-3,347.72	
			For Class 54 Rating, Add	4,598.67	
			For Class 55 Rating, Add	6,853.94	
			For Class 56 Rating, Add	9,078.77	
40 05 19 00-1527	EA		42" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,227.19	1,850.44
			For Class 52 Rating, Deduct	-3,456.58	
			For Class 54 Rating, Add	4,747.17	
			For Class 55 Rating, Add	7,074.73	
			For Class 56 Rating, Add	9,370.86	
40 05 19 00-1528	EA		42" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,209.10	1,853.17
			For Class 52 Rating, Deduct	-3,564.14	
			For Class 54 Rating, Add	4,893.88	
			For Class 55 Rating, Add	7,292.87	
			For Class 56 Rating, Add	9,659.46	
40 05 19 00-1529	EA		42" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,198.88	1,855.87
			For Class 52 Rating, Deduct	-3,672.56	
			For Class 54 Rating, Add	5,041.79	
			For Class 55 Rating, Add	7,512.78	
			For Class 56 Rating, Add	9,950.38	
40 05 19 00-1530	EA		42" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,182.76	1,858.58
			For Class 52 Rating, Deduct	-3,780.34	
			For Class 54 Rating, Add	5,188.80	
			For Class 55 Rating, Add	7,731.36	
			For Class 56 Rating, Add	10,239.56	
40 05 19 00-1531	EA		42" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,967.54	1,861.31
			For Class 52 Rating, Deduct	-3,866.21	
			For Class 54 Rating, Add	5,305.95	
			For Class 55 Rating, Add	7,905.55	
			For Class 56 Rating, Add	10,470.00	
40 05 19 00-1532	EA		42" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,156.42	1,864.02
			For Class 52 Rating, Deduct	-3,996.54	
			For Class 54 Rating, Add	5,483.72	
			For Class 55 Rating, Add	8,169.85	
			For Class 56 Rating, Add	10,819.66	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1533 EA 42" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,138.34	1,866.72
For Class 52 Rating, Deduct	-4,104.10	
For Class 54 Rating, Add	5,630.43	
For Class 55 Rating, Add	8,388.00	
For Class 56 Rating, Add	11,108.26	
40 05 19 00-1534 EA 42" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,130.10	1,869.44
For Class 52 Rating, Deduct	-4,212.74	
For Class 54 Rating, Add	5,778.63	
For Class 55 Rating, Add	8,608.35	
For Class 56 Rating, Add	11,399.76	
40 05 19 00-1535 EA 42" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	42,112.01	1,872.16
For Class 52 Rating, Deduct	-4,320.30	
For Class 54 Rating, Add	5,925.35	
For Class 55 Rating, Add	8,826.49	
For Class 56 Rating, Add	11,688.36	
40 05 19 00-1536 EA 42" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	43,105.74	1,874.87
For Class 52 Rating, Deduct	-4,429.15	
For Class 54 Rating, Add	6,073.84	
For Class 55 Rating, Add	9,047.28	
For Class 56 Rating, Add	11,980.45	
40 05 19 00-1537 EA 42" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	44,085.67	1,877.58
For Class 52 Rating, Deduct	-4,536.49	
For Class 54 Rating, Add	6,220.27	
For Class 55 Rating, Add	9,264.99	
For Class 56 Rating, Add	12,268.46	
40 05 19 00-1538 EA 42" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	45,079.40	1,880.30
For Class 52 Rating, Deduct	-4,645.35	
For Class 54 Rating, Add	6,368.76	
For Class 55 Rating, Add	9,485.77	
For Class 56 Rating, Add	12,560.55	
40 05 19 00-1539 EA 42" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	46,061.32	1,883.01
For Class 52 Rating, Deduct	-4,752.91	
For Class 54 Rating, Add	6,515.48	
For Class 55 Rating, Add	9,703.92	
For Class 56 Rating, Add	12,849.15	
40 05 19 00-1540 EA 42" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	47,053.07	1,885.72
For Class 52 Rating, Deduct	-4,861.55	
For Class 54 Rating, Add	6,663.67	
For Class 55 Rating, Add	9,924.26	
For Class 56 Rating, Add	13,140.65	
40 05 19 00-1541 48" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		
<small>(40 05 19 00-1028)</small>		
40 05 19 00-1542 EA 48" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,579.91	2,243.87
For Class 52 Rating, Deduct	-1,119.81	
For Class 54 Rating, Add	1,567.81	
For Class 55 Rating, Add	2,351.76	
For Class 56 Rating, Add	3,125.52	
40 05 19 00-1543 EA 48" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,025.09	2,246.58
For Class 52 Rating, Deduct	-1,278.33	
For Class 54 Rating, Add	1,784.02	
For Class 55 Rating, Add	2,673.21	
For Class 56 Rating, Add	3,550.79	
40 05 19 00-1544 EA 48" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,468.30	2,249.30
For Class 52 Rating, Deduct	-1,436.63	
For Class 54 Rating, Add	1,999.94	
For Class 55 Rating, Add	2,994.23	
For Class 56 Rating, Add	3,975.47	
40 05 19 00-1545 EA 48" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,923.32	2,252.02
For Class 52 Rating, Deduct	-1,596.23	
For Class 54 Rating, Add	2,217.62	
For Class 55 Rating, Add	3,317.88	
For Class 56 Rating, Add	4,403.64	
40 05 19 00-1546 EA 48" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,368.50	2,254.72
For Class 52 Rating, Deduct	-1,754.75	
For Class 54 Rating, Add	2,433.83	
For Class 55 Rating, Add	3,639.34	
For Class 56 Rating, Add	4,828.90	
40 05 19 00-1547 EA 48" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,813.68	2,257.44
For Class 52 Rating, Deduct	-1,913.26	
For Class 54 Rating, Add	2,650.04	
For Class 55 Rating, Add	3,960.80	
For Class 56 Rating, Add	5,254.16	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1548	EA		48" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,266.73	2,260.16
			For Class 52 Rating, Deduct	-2,072.65	
			For Class 54 Rating, Add	2,867.43	
			For Class 55 Rating, Add	4,284.01	
			For Class 56 Rating, Add	5,681.75	
40 05 19 00-1549	EA		48" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,713.87	2,262.86
			For Class 52 Rating, Deduct	-2,231.38	
			For Class 54 Rating, Add	3,083.94	
			For Class 55 Rating, Add	4,605.91	
			For Class 56 Rating, Add	6,107.59	
40 05 19 00-1550	EA		48" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,157.09	2,265.57
			For Class 52 Rating, Deduct	-2,389.68	
			For Class 54 Rating, Add	3,299.85	
			For Class 55 Rating, Add	4,926.92	
			For Class 56 Rating, Add	6,532.27	
40 05 19 00-1551	EA		48" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,612.12	2,268.30
			For Class 52 Rating, Deduct	-2,549.28	
			For Class 54 Rating, Add	3,517.54	
			For Class 55 Rating, Add	5,250.58	
			For Class 56 Rating, Add	6,960.44	
40 05 19 00-1552	EA		48" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,057.29	2,271.01
			For Class 52 Rating, Deduct	-2,707.80	
			For Class 54 Rating, Add	3,733.75	
			For Class 55 Rating, Add	5,572.03	
			For Class 56 Rating, Add	7,385.70	
40 05 19 00-1553	EA		48" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,512.32	2,273.71
			For Class 52 Rating, Deduct	-2,867.40	
			For Class 54 Rating, Add	3,951.43	
			For Class 55 Rating, Add	5,895.69	
			For Class 56 Rating, Add	7,813.87	
40 05 19 00-1554	EA		48" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,955.53	2,276.44
			For Class 52 Rating, Deduct	-3,025.70	
			For Class 54 Rating, Add	4,167.35	
			For Class 55 Rating, Add	6,216.70	
			For Class 56 Rating, Add	8,238.55	
40 05 19 00-1555	EA		48" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,400.71	2,279.15
			For Class 52 Rating, Deduct	-3,184.22	
			For Class 54 Rating, Add	4,383.56	
			For Class 55 Rating, Add	6,538.16	
			For Class 56 Rating, Add	8,663.82	
40 05 19 00-1556	EA		48" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,855.73	2,281.86
			For Class 52 Rating, Deduct	-3,343.82	
			For Class 54 Rating, Add	4,601.24	
			For Class 55 Rating, Add	6,861.81	
			For Class 56 Rating, Add	9,091.98	
40 05 19 00-1557	EA		48" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,300.91	2,284.57
			For Class 52 Rating, Deduct	-3,502.34	
			For Class 54 Rating, Add	4,817.45	
			For Class 55 Rating, Add	7,183.27	
			For Class 56 Rating, Add	9,517.25	
40 05 19 00-1558	EA		48" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,744.12	2,287.29
			For Class 52 Rating, Deduct	-3,660.64	
			For Class 54 Rating, Add	5,033.37	
			For Class 55 Rating, Add	7,504.29	
			For Class 56 Rating, Add	9,941.93	
40 05 19 00-1559	EA		48" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	38,199.14	2,290.00
			For Class 52 Rating, Deduct	-3,820.24	
			For Class 54 Rating, Add	5,251.05	
			For Class 55 Rating, Add	7,827.94	
			For Class 56 Rating, Add	10,370.10	
40 05 19 00-1560	EA		48" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,644.32	2,292.70
			For Class 52 Rating, Deduct	-3,978.76	
			For Class 54 Rating, Add	5,467.26	
			For Class 55 Rating, Add	8,149.40	
			For Class 56 Rating, Add	10,795.36	
40 05 19 00-1561	EA		48" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,087.53	2,295.43
			For Class 52 Rating, Deduct	-4,137.06	
			For Class 54 Rating, Add	5,683.18	
			For Class 55 Rating, Add	8,470.41	
			For Class 56 Rating, Add	11,220.04	
40 05 19 00-1562	EA		48" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	42,542.56	2,298.14
			For Class 52 Rating, Deduct	-4,296.66	
			For Class 54 Rating, Add	5,900.86	
			For Class 55 Rating, Add	8,794.07	
			For Class 56 Rating, Add	11,648.21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1563	EA		48" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	43,989.70	2,300.85
			For Class 52 Rating, Deduct	-4,455.39	
			For Class 54 Rating, Add	6,117.37	
			For Class 55 Rating, Add	9,115.96	
			For Class 56 Rating, Add	12,074.05	
40 05 19 00-1564	EA		48" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	45,432.91	2,303.57
			For Class 52 Rating, Deduct	-4,613.69	
			For Class 54 Rating, Add	6,333.28	
			For Class 55 Rating, Add	9,436.98	
			For Class 56 Rating, Add	12,498.73	
40 05 19 00-1565	EA		48" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	46,887.94	2,306.28
			For Class 52 Rating, Deduct	-4,773.29	
			For Class 54 Rating, Add	6,550.97	
			For Class 55 Rating, Add	9,760.63	
			For Class 56 Rating, Add	12,926.90	
40 05 19 00-1566	EA		48" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	48,333.12	2,308.99
			For Class 52 Rating, Deduct	-4,931.81	
			For Class 54 Rating, Add	6,767.18	
			For Class 55 Rating, Add	10,082.09	
			For Class 56 Rating, Add	13,352.16	
40 05 19 00-1567	EA		48" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	49,776.31	2,311.70
			For Class 52 Rating, Deduct	-5,090.11	
			For Class 54 Rating, Add	6,983.09	
			For Class 55 Rating, Add	10,403.10	
			For Class 56 Rating, Add	13,776.84	
40 05 19 00-1568	EA		48" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	51,231.35	2,314.42
			For Class 52 Rating, Deduct	-5,249.71	
			For Class 54 Rating, Add	7,200.78	
			For Class 55 Rating, Add	10,726.76	
			For Class 56 Rating, Add	14,205.01	
40 05 19 00-1569	EA		48" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	52,676.53	2,317.13
			For Class 52 Rating, Deduct	-5,408.23	
			For Class 54 Rating, Add	7,416.99	
			For Class 55 Rating, Add	11,048.22	
			For Class 56 Rating, Add	14,630.28	
40 05 19 00-1570	EA		48" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	53,944.27	2,319.85
			For Class 52 Rating, Deduct	-5,547.23	
			For Class 54 Rating, Add	7,606.58	
			For Class 55 Rating, Add	11,330.11	
			For Class 56 Rating, Add	15,003.20	
40 05 19 00-1571	EA		48" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	55,576.73	2,322.56
			For Class 52 Rating, Deduct	-5,726.35	
			For Class 54 Rating, Add	7,850.88	
			For Class 55 Rating, Add	11,693.32	
			For Class 56 Rating, Add	15,483.71	
40 05 19 00-1572	EA		48" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	57,019.94	2,325.27
			For Class 52 Rating, Deduct	-5,884.65	
			For Class 54 Rating, Add	8,066.80	
			For Class 55 Rating, Add	12,014.34	
			For Class 56 Rating, Add	15,908.39	
40 05 19 00-1573	EA		48" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	58,476.94	2,327.99
			For Class 52 Rating, Deduct	-6,044.47	
			For Class 54 Rating, Add	8,284.78	
			For Class 55 Rating, Add	12,338.43	
			For Class 56 Rating, Add	16,337.14	
40 05 19 00-1574	EA		48" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	59,920.14	2,330.69
			For Class 52 Rating, Deduct	-6,202.77	
			For Class 54 Rating, Add	8,500.69	
			For Class 55 Rating, Add	12,659.45	
			For Class 56 Rating, Add	16,761.82	
40 05 19 00-1575	EA		48" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	61,363.34	2,333.41
			For Class 52 Rating, Deduct	-6,361.07	
			For Class 54 Rating, Add	8,716.61	
			For Class 55 Rating, Add	12,980.47	
			For Class 56 Rating, Add	17,186.50	
40 05 19 00-1576	EA		48" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	62,820.36	2,336.13
			For Class 52 Rating, Deduct	-6,520.88	
			For Class 54 Rating, Add	8,934.59	
			For Class 55 Rating, Add	13,304.56	
			For Class 56 Rating, Add	17,615.25	
40 05 19 00-1577	EA		48" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	64,263.55	2,338.84
			For Class 52 Rating, Deduct	-6,679.18	
			For Class 54 Rating, Add	9,150.50	
			For Class 55 Rating, Add	13,625.58	
			For Class 56 Rating, Add	18,039.93	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

40 05 19 00-1578	EA	48" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	65,708.72	2,341.55
		<i>For Class 52 Rating, Deduct</i>	-6,837.70	
		<i>For Class 54 Rating, Add</i>	9,366.71	
		<i>For Class 55 Rating, Add</i>	13,947.03	
		<i>For Class 56 Rating, Add</i>	18,465.19	
40 05 19 00-1579	EA	48" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	67,163.76	2,344.27
		<i>For Class 52 Rating, Deduct</i>	-6,997.30	
		<i>For Class 54 Rating, Add</i>	9,584.40	
		<i>For Class 55 Rating, Add</i>	14,270.69	
		<i>For Class 56 Rating, Add</i>	18,893.36	

40 05 19 00-1580 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree

Elbows (40 05 19 00-0001)

40 05 19 00-1581	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	391.16	130.90
40 05 19 00-1582	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	552.01	167.40
40 05 19 00-1583	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	778.49	189.61
40 05 19 00-1584	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,143.95	240.39
40 05 19 00-1585	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,420.06	266.56
40 05 19 00-1586	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,775.82	289.58
40 05 19 00-1587	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	2,187.62	357.01
40 05 19 00-1588	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	2,875.68	428.41
40 05 19 00-1589	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	3,540.79	539.48
40 05 19 00-1590	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	5,415.31	610.88
40 05 19 00-1591	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	9,137.31	809.22
40 05 19 00-1592	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	12,984.27	916.32
40 05 19 00-1593	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	21,813.03	1,047.23
40 05 19 00-1594	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	29,058.84	1,285.23

40 05 19 00-1595 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree

Elbows (40 05 19 00-0001)

40 05 19 00-1596	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	370.05	130.90
40 05 19 00-1597	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	518.23	167.40
40 05 19 00-1598	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	692.63	189.61
40 05 19 00-1599	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,020.10	240.39
40 05 19 00-1600	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,262.43	266.56
40 05 19 00-1601	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,454.92	289.58
40 05 19 00-1602	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,832.95	357.01
40 05 19 00-1603	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	2,398.56	428.41
40 05 19 00-1604	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	3,105.89	539.48
40 05 19 00-1605	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	4,103.58	610.88
40 05 19 00-1606	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	8,177.44	809.22
40 05 19 00-1607	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	12,283.36	916.32
40 05 19 00-1608	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	18,799.70	1,047.23
40 05 19 00-1609	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	25,650.02	1,285.23

40 05 19 00-1610 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree

Elbows (40 05 19 00-0001)

40 05 19 00-1611	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	368.64	130.90
40 05 19 00-1612	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	506.97	167.40
40 05 19 00-1613	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	682.78	189.61
40 05 19 00-1614	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	991.95	240.39
40 05 19 00-1615	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,324.36	266.56
40 05 19 00-1616	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,650.56	289.58
40 05 19 00-1617	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,876.58	357.01
40 05 19 00-1618	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	2,452.04	428.41
40 05 19 00-1619	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	3,338.11	539.48
40 05 19 00-1620	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	4,632.78	610.88
40 05 19 00-1621	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	8,271.73	809.22
40 05 19 00-1622	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	12,500.11	916.32
40 05 19 00-1623	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	19,231.79	1,047.23
40 05 19 00-1624	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	26,212.99	1,285.23

40 05 19 00-1625 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree

Elbows (40 05 19 00-0001)

40 05 19 00-1626	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	403.83	130.90
40 05 19 00-1627	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	573.12	167.40
40 05 19 00-1628	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	710.93	189.61
40 05 19 00-1629	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,091.88	240.39
40 05 19 00-1630	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,508.73	266.56
40 05 19 00-1631	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,698.41	289.58
40 05 19 00-1632	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	2,076.44	357.01
40 05 19 00-1633	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	2,452.04	428.41
40 05 19 00-1634	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	3,338.11	539.48
40 05 19 00-1635	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	4,822.78	610.88
40 05 19 00-1636	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	8,366.03	809.22
40 05 19 00-1637	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	12,593.00	916.32
40 05 19 00-1638	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	19,330.31	1,047.23
40 05 19 00-1639	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	26,411.44	1,285.23

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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40 05 19 00-1640

Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbows (40 05 19 00-0001)

40 05 19 00-1641	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	522.95	149.15
40 05 19 00-1642	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	648.15	160.26
40 05 19 00-1643	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	730.69	178.51
40 05 19 00-1644	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	982.19	185.65
40 05 19 00-1645	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,036.58	203.89
40 05 19 00-1646	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,133.62	215.00
40 05 19 00-1647	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,056.11	199.14
40 05 19 00-1648	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,190.71	217.37
40 05 19 00-1649	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,370.81	228.48
40 05 19 00-1650	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,459.94	253.87
40 05 19 00-1651	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,370.81	228.48
40 05 19 00-1652	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,519.94	239.59
40 05 19 00-1653	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,693.52	264.98
40 05 19 00-1654	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,875.81	278.47
40 05 19 00-1655	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,580.93	262.20
40 05 19 00-1656	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,706.14	273.31
40 05 19 00-1657	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,959.94	298.70
40 05 19 00-1658	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,140.22	311.79
40 05 19 00-1659	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,292.76	323.29
40 05 19 00-1660	EA	18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,850.37	297.91
40 05 19 00-1661	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,217.65	309.02
40 05 19 00-1662	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,282.85	334.40
40 05 19 00-1663	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,411.06	347.49
40 05 19 00-1664	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,617.08	358.99
40 05 19 00-1665	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,853.96	392.71
40 05 19 00-1666	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,390.53	353.44
40 05 19 00-1667	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,552.31	364.55
40 05 19 00-1668	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,169.23	389.93
40 05 19 00-1669	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,289.01	403.02
40 05 19 00-1670	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,630.15	414.53
40 05 19 00-1671	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,547.52	448.25
40 05 19 00-1672	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,776.14	483.95
40 05 19 00-1673	EA	24" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,370.70	389.14
40 05 19 00-1674	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,533.91	400.24
40 05 19 00-1675	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,803.20	425.63
40 05 19 00-1676	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,997.55	438.73
40 05 19 00-1677	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,362.63	450.23
40 05 19 00-1678	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,702.23	483.95
40 05 19 00-1679	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,814.03	519.64
40 05 19 00-1680	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,065.69	513.90
40 05 19 00-1681	EA	30" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	6,028.15	537.89
40 05 19 00-1682	EA	30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	6,418.55	549.39
40 05 19 00-1683	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,238.10	583.11
40 05 19 00-1684	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	8,418.14	618.82
40 05 19 00-1685	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	9,736.61	674.35
40 05 19 00-1686	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	10,283.31	710.06
40 05 19 00-1687	EA	36" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	8,314.75	591.44
40 05 19 00-1688	EA	36" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	10,781.12	602.94
40 05 19 00-1689	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	8,756.24	636.66
40 05 19 00-1690	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	11,445.06	672.37
40 05 19 00-1691	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	10,942.29	727.90
40 05 19 00-1692	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	11,932.34	763.61
40 05 19 00-1693	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	12,727.20	862.77
40 05 19 00-1694	EA	42" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	14,736.68	668.40
40 05 19 00-1695	EA	42" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	12,419.04	702.12
40 05 19 00-1696	EA	42" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	16,741.90	737.82
40 05 19 00-1697	EA	42" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	16,469.96	793.36
40 05 19 00-1698	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	14,366.44	829.05
40 05 19 00-1699	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	16,931.87	928.23
40 05 19 00-1700	EA	42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	23,931.99	981.78
40 05 19 00-1701	EA	48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	22,903.68	957.98
40 05 19 00-1702	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	24,907.54	1,057.14
40 05 19 00-1703	EA	48" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	25,636.10	1,110.69
40 05 19 00-1704	EA	48" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	32,799.20	1,176.15

40 05 19 00-1705

Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbows (40 05 19 00-0001)

40 05 19 00-1706	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	468.57	130.90
40 05 19 00-1707	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	725.12	167.40
40 05 19 00-1708	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	1,068.42	189.61
40 05 19 00-1709	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	1,521.15	240.39
40 05 19 00-1710	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	2,153.34	266.56
40 05 19 00-1711	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	2,511.91	289.58
40 05 19 00-1712	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	3,260.09	357.01
40 05 19 00-1713	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	4,039.63	428.41
40 05 19 00-1714	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	5,511.20	539.48
40 05 19 00-1715	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	8,109.15	610.88
40 05 19 00-1716	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	14,292.76	809.22
40 05 19 00-1717	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	21,779.36	916.32
40 05 19 00-1718	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	33,797.38	1,047.23

40 Process Interconnections
40 05 Common Work Results For Process Interconnections
40 05 19 Ductile Iron Process Pipe



MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

		40 05 19 00-1719 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbows With Base <small>(40 05 19 00-0001)</small>	
40 05 19 00-1720	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	495.31 130.90
40 05 19 00-1721	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	673.05 167.40
40 05 19 00-1722	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	1,105.01 189.61
40 05 19 00-1723	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	1,494.40 240.39
40 05 19 00-1724	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	2,011.19 266.56
40 05 19 00-1725	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	2,376.79 289.58
40 05 19 00-1726	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	2,936.38 357.01
40 05 19 00-1727	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	3,690.59 428.41
40 05 19 00-1728	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	4,872.22 539.48
40 05 19 00-1729	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	6,893.13 610.88
40 05 19 00-1730	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	11,313.21 809.22
40 05 19 00-1731	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	16,193.23 916.32
40 05 19 00-1732	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	30,121.15 1,047.23
40 05 19 00-1733	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	32,469.06 1,285.23
		40 05 19 00-1734 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tees <small>(40 05 19 00-0001)</small>	
40 05 19 00-1735	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	670.40 210.23
40 05 19 00-1736	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	830.99 258.64
40 05 19 00-1737	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	1,170.83 288.78
40 05 19 00-1738	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	1,683.26 375.26
40 05 19 00-1739	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	2,241.63 409.37
40 05 19 00-1740	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	3,007.70 440.31
40 05 19 00-1741	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	3,404.39 555.35
40 05 19 00-1742	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	4,153.71 634.68
40 05 19 00-1743	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	5,239.35 801.28
40 05 19 00-1744	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	7,732.88 884.59
40 05 19 00-1745	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	13,176.83 1,221.76
40 05 19 00-1746	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	19,013.71 1,400.27
40 05 19 00-1747	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	39,396.08 1,618.44
		40 05 19 00-1748 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tees <small>(40 05 19 00-0001)</small>	
40 05 19 00-1749	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	841.38 234.83
40 05 19 00-1750	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,044.22 239.59
40 05 19 00-1751	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,042.05 269.74
40 05 19 00-1752	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,379.66 264.98
40 05 19 00-1753	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,360.59 295.13
40 05 19 00-1754	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,434.48 314.17
40 05 19 00-1755	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,751.95 278.47
40 05 19 00-1756	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,745.55 308.61
40 05 19 00-1757	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,843.37 327.66
40 05 19 00-1758	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,196.31 388.74
40 05 19 00-1759	EA	14" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,559.76 289.58
40 05 19 00-1760	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,502.70 319.72
40 05 19 00-1761	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,613.17 338.76
40 05 19 00-1762	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,757.82 399.85
40 05 19 00-1763	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,924.77 420.87
40 05 19 00-1764	EA	16" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,106.26 323.29
40 05 19 00-1765	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,859.20 353.44
40 05 19 00-1766	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,812.04 372.48
40 05 19 00-1767	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,300.09 433.57
40 05 19 00-1768	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,201.06 454.59
40 05 19 00-1769	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,571.11 474.03
40 05 19 00-1770	EA	18" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,800.74 358.99
40 05 19 00-1771	EA	18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,858.39 389.14
40 05 19 00-1772	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,446.01 408.18
40 05 19 00-1773	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,455.52 469.26
40 05 19 00-1774	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,761.83 490.29
40 05 19 00-1775	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,107.95 509.73
40 05 19 00-1776	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,393.02 591.05
40 05 19 00-1777	EA	20" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	8,419.67 414.53
40 05 19 00-1778	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,209.24 444.67
40 05 19 00-1779	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,295.79 463.72
40 05 19 00-1780	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,475.61 524.80
40 05 19 00-1781	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,651.02 545.83
40 05 19 00-1782	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,710.03 565.27
40 05 19 00-1783	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,673.48 646.58
40 05 19 00-1784	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,797.31 690.21
40 05 19 00-1785	EA	24" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,578.65 450.23
40 05 19 00-1786	EA	24" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,813.65 480.37
40 05 19 00-1787	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,032.49 499.42
40 05 19 00-1788	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,230.61 560.50
40 05 19 00-1789	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,864.84 581.53
40 05 19 00-1790	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	6,009.72 600.97
40 05 19 00-1791	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	6,208.93 682.29
40 05 19 00-1792	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	8,168.03 725.92
40 05 19 00-1793	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	8,447.55 775.70
40 05 19 00-1794	EA	30" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	9,911.05 579.55
40 05 19 00-1795	EA	30" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	9,969.46 598.58

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1796	EA		30" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	10,249.21	659.68
40 05 19 00-1797	EA		30" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	10,281.06	680.70
40 05 19 00-1798	EA		30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	10,310.51	700.14
40 05 19 00-1799	EA		30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	10,526.61	781.45
40 05 19 00-1800	EA		30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	10,654.64	825.08
40 05 19 00-1801	EA		30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	10,976.34	936.15
40 05 19 00-1802	EA		30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	14,060.39	983.76
40 05 19 00-1803	EA		36" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	13,670.37	829.45
40 05 19 00-1804	EA		36" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	14,626.33	844.52
40 05 19 00-1805	EA		36" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	14,722.81	887.76
40 05 19 00-1806	EA		36" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	14,841.54	904.82
40 05 19 00-1807	EA		36" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	14,895.94	920.29
40 05 19 00-1808	EA		36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	15,045.03	977.81
40 05 19 00-1809	EA		36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	15,136.09	1,017.48
40 05 19 00-1810	EA		36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	15,386.16	1,100.78
40 05 19 00-1811	EA		36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	15,729.36	1,142.43
40 05 19 00-1812	EA		36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	20,606.82	1,311.02
40 05 19 00-1813	EA		42" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	24,485.94	1,717.59
40 05 19 00-1814	EA		42" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	22,135.18	778.67
40 05 19 00-1815	EA		42" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	22,167.04	799.70
40 05 19 00-1816	EA		42" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	22,228.87	819.14
40 05 19 00-1817	EA		42" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	22,418.23	900.46
40 05 19 00-1818	EA		42" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	22,650.41	944.09
40 05 19 00-1819	EA		42" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	22,818.70	1,055.16
40 05 19 00-1820	EA		42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	23,155.42	1,102.77
40 05 19 00-1821	EA		42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	29,341.43	1,340.77
40 05 19 00-1822	EA		42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	37,707.98	1,465.73
40 05 19 00-1823	EA		48" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	29,976.62	928.62
40 05 19 00-1824	EA		48" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	30,006.08	948.06
40 05 19 00-1825	EA		48" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	30,227.82	1,029.37
40 05 19 00-1826	EA		48" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	30,293.92	1,073.01
40 05 19 00-1827	EA		48" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	30,593.10	1,184.08
40 05 19 00-1828	EA		48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	30,897.44	1,231.68
40 05 19 00-1829	EA		48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	31,722.52	1,469.68
40 05 19 00-1830	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tees With Base <small>(40 05 19 00-0001)</small>				
40 05 19 00-1831	EA		4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	723.88	210.23
40 05 19 00-1832	EA		6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	984.40	258.64
40 05 19 00-1833	EA		8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	1,435.43	288.78
40 05 19 00-1834	EA		10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	2,182.90	375.26
40 05 19 00-1835	EA		12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	2,934.09	409.37
40 05 19 00-1836	EA		14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	3,277.93	440.31
40 05 19 00-1837	EA		16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	4,068.70	555.35
40 05 19 00-1838	EA		18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	4,943.29	634.68
40 05 19 00-1839	EA		20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	6,601.75	801.28
40 05 19 00-1840	EA		24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	9,509.07	884.59
40 05 19 00-1841	EA		30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	15,942.45	1,221.76
40 05 19 00-1842	EA		36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	22,727.95	1,400.27
40 05 19 00-1843	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wyes <small>(40 05 19 00-0001)</small>				
40 05 19 00-1844	EA		4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye.....	588.77	210.23
40 05 19 00-1845	EA		6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye.....	823.95	258.64
40 05 19 00-1846	EA		8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye.....	1,191.94	288.78
40 05 19 00-1847	EA		10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye.....	1,566.45	375.26
40 05 19 00-1848	EA		12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye.....	2,234.59	409.37
40 05 19 00-1849	EA		14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye.....	2,900.74	440.31
40 05 19 00-1850	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Crosses <small>(40 05 19 00-0001)</small>				
40 05 19 00-1851	EA		4" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	808.91	289.58
40 05 19 00-1852	EA		6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	1,067.94	313.77
40 05 19 00-1853	EA		6" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	1,131.08	349.87
40 05 19 00-1854	EA		8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	1,317.83	318.93
40 05 19 00-1855	EA		8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	1,436.44	360.98
40 05 19 00-1856	EA		8" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	1,487.15	387.95
40 05 19 00-1857	EA		10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	1,705.35	344.32
40 05 19 00-1858	EA		10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	1,877.43	386.37
40 05 19 00-1859	EA		10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	2,053.41	413.34
40 05 19 00-1860	EA		10" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	2,549.11	510.12
40 05 19 00-1861	EA		12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	2,209.34	357.41
40 05 19 00-1862	EA		12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	2,326.53	399.46
40 05 19 00-1863	EA		12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	2,503.92	426.43
40 05 19 00-1864	EA		12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	3,026.36	523.22
40 05 19 00-1865	EA		12" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	2,849.27	552.17
40 05 19 00-1866	EA		14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	2,774.64	410.96
40 05 19 00-1867	EA		14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	2,950.62	437.93
40 05 19 00-1868	EA		14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	3,285.87	534.72
40 05 19 00-1869	EA		14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	3,573.23	563.68
40 05 19 00-1870	EA		14" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	3,748.41	591.05
40 05 19 00-1871	EA		16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	3,311.29	444.67
40 05 19 00-1872	EA		16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	3,512.61	471.65

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-1873	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,847.86	568.44
40 05 19 00-1874	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,161.96	597.40
40 05 19 00-1875	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,806.50	624.77
40 05 19 00-1876	EA	16" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,721.07	753.69
40 05 19 00-1877	EA	18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,447.02	480.37
40 05 19 00-1878	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,646.92	507.35
40 05 19 00-1879	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,928.69	604.14
40 05 19 00-1880	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,241.38	633.10
40 05 19 00-1881	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,873.98	660.46
40 05 19 00-1882	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,312.81	789.39
40 05 19 00-1883	EA	18" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,552.80	840.96
40 05 19 00-1884	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,492.45	535.91
40 05 19 00-1885	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,706.42	562.88
40 05 19 00-1886	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,968.49	659.68
40 05 19 00-1887	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,302.29	688.63
40 05 19 00-1888	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,401.47	716.00
40 05 19 00-1889	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,582.02	844.92
40 05 19 00-1890	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,833.26	896.49
40 05 19 00-1891	EA	20" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	7,492.44	1,063.09
40 05 19 00-1892	EA	24" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,937.09	571.61
40 05 19 00-1893	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,091.96	598.58
40 05 19 00-1894	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,441.28	695.37
40 05 19 00-1895	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,659.68	724.33
40 05 19 00-1896	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,788.40	751.70
40 05 19 00-1897	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	7,186.42	880.62
40 05 19 00-1898	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	9,322.22	932.19
40 05 19 00-1899	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	9,856.18	1,037.51
40 05 19 00-1900	EA	24" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	10,851.27	1,158.30
40 05 19 00-1901	EA	30" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	10,963.28	823.50
40 05 19 00-1902	EA	30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	11,035.72	850.88
40 05 19 00-1903	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	11,447.81	979.79
40 05 19 00-1904	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	11,587.87	1,031.36
40 05 19 00-1905	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	12,182.30	1,197.96
40 05 19 00-1906	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	15,841.72	1,257.47
40 05 19 00-1907	EA	30" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	17,993.25	1,634.31
40 05 19 00-1908	EA	36" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	15,490.00	1,047.62
40 05 19 00-1909	EA	36" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	15,525.46	1,071.03
40 05 19 00-1910	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	15,873.33	1,176.15
40 05 19 00-1911	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	16,005.98	1,223.75
40 05 19 00-1912	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	16,496.41	1,362.58
40 05 19 00-1913	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	17,074.38	1,416.13
40 05 19 00-1914	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	23,093.93	1,723.56
40 05 19 00-1915	EA	36" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	25,323.25	1,884.22
40 05 19 00-1916	EA	42" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	22,880.24	942.51
40 05 19 00-1917	EA	42" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	22,921.70	969.87
40 05 19 00-1918	EA	42" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	23,315.49	1,098.80
40 05 19 00-1919	EA	42" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	23,425.99	1,150.36
40 05 19 00-1920	EA	42" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	23,976.80	1,316.97
40 05 19 00-1921	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	24,563.78	1,376.47
40 05 19 00-1922	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	31,621.66	1,753.31
40 05 19 00-1923	EA	42" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	43,705.06	1,949.66
40 05 19 00-1924	EA	48" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	32,382.70	2,189.66
40 05 19 00-1925	EA	48" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	30,696.10	1,098.80
40 05 19 00-1926	EA	48" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	31,091.29	1,227.71
40 05 19 00-1927	EA	48" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	31,201.80	1,279.28
40 05 19 00-1928	EA	48" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	31,718.83	1,445.88
40 05 19 00-1929	EA	48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	32,305.81	1,505.39
40 05 19 00-1930	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	33,770.50	1,882.24

40 05 19 00-1931 Flanged End x Flanged End, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducers

(40 05 19 00-0001)

40 05 19 00-1932	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	431.47	149.15
40 05 19 00-1933	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	551.04	160.26
40 05 19 00-1934	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	606.84	178.51
40 05 19 00-1935	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	741.51	185.65
40 05 19 00-1936	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	748.05	203.89
40 05 19 00-1937	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	874.65	215.00
40 05 19 00-1938	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	947.74	199.14
40 05 19 00-1939	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	979.60	217.37
40 05 19 00-1940	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,073.84	228.48
40 05 19 00-1941	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,208.01	253.87
40 05 19 00-1942	EA	14" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,483.46	217.37
40 05 19 00-1943	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,180.80	228.48
40 05 19 00-1944	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,306.00	239.59
40 05 19 00-1945	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,435.96	264.98
40 05 19 00-1946	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,395.87	278.47
40 05 19 00-1947	EA	16" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,755.96	243.95
40 05 19 00-1948	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,421.89	262.20
40 05 19 00-1949	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,343.02	273.31
40 05 19 00-1950	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,496.89	298.70
40 05 19 00-1951	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,855.91	311.79
40 05 19 00-1952	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,997.20	323.29
40 05 19 00-1953	EA	18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,221.93	297.91
40 05 19 00-1954	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,760.23	309.02

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1955	EA	18" x 10"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,933.80	334.40
40 05 19 00-1956	EA	18" x 12"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,921.27	347.49
40 05 19 00-1957	EA	18" x 14"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,211.74	358.99
40 05 19 00-1958	EA	18" x 16"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,207.95	392.71
40 05 19 00-1959	EA	20" x 6"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,273.71	353.44
40 05 19 00-1960	EA	20" x 8"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,204.67	364.55
40 05 19 00-1961	EA	20" x 10"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,388.10	389.93
40 05 19 00-1962	EA	20" x 12"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,327.73	403.02
40 05 19 00-1963	EA	20" x 14"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,687.16	414.53
40 05 19 00-1964	EA	20" x 16"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,521.50	448.25
40 05 19 00-1965	EA	20" x 18"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,110.42	483.95
40 05 19 00-1966	EA	24" x 8"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,982.19	400.24
40 05 19 00-1967	EA	24" x 10"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,368.30	425.63
40 05 19 00-1968	EA	24" x 12"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,623.17	438.73
40 05 19 00-1969	EA	24" x 14"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,719.43	450.23
40 05 19 00-1970	EA	24" x 16"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,290.57	483.95
40 05 19 00-1971	EA	24" x 18"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,973.78	519.64
40 05 19 00-1972	EA	24" x 20"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,197.30	513.90
40 05 19 00-1973	EA	30" x 16"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	5,725.10	583.11
40 05 19 00-1974	EA	30" x 18"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	5,966.38	618.82
40 05 19 00-1975	EA	30" x 20"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,423.49	674.35
40 05 19 00-1976	EA	30" x 24"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	7,098.28	710.06
40 05 19 00-1977	EA	36" x 16"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	7,824.51	636.66
40 05 19 00-1978	EA	36" x 18"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	8,219.20	672.37
40 05 19 00-1979	EA	36" x 20"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	8,738.24	727.90
40 05 19 00-1980	EA	36" x 24"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	9,507.32	763.61
40 05 19 00-1981	EA	36" x 30"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	10,960.86	862.77
40 05 19 00-1982	EA	42" x 24"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	13,306.64	829.05
40 05 19 00-1983	EA	42" x 30"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	15,044.49	928.23
40 05 19 00-1984	EA	42" x 36"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	17,013.01	981.78
40 05 19 00-1985	EA	48" x 24"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	16,910.80	957.98
40 05 19 00-1986	EA	48" x 30"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	18,980.81	1,057.14
40 05 19 00-1987	EA	48" x 36"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	21,213.92	1,110.69
40 05 19 00-1988	EA	48" x 42"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	23,763.44	1,176.15

40 05 19 00-1989

Flanged End x Flanged End, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducers (40 05 19 00-0001)

40 05 19 00-1990	EA	6" x 4"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	469.47	149.15
40 05 19 00-1991	EA	8" x 4"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	594.67	160.26
40 05 19 00-1992	EA	8" x 6"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	675.80	178.51
40 05 19 00-1993	EA	10" x 4"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	741.51	185.65
40 05 19 00-1994	EA	10" x 6"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	794.50	203.89
40 05 19 00-1995	EA	10" x 8"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	918.28	215.00
40 05 19 00-1996	EA	12" x 4"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	947.74	199.14
40 05 19 00-1997	EA	12" x 6"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,030.27	217.37
40 05 19 00-1998	EA	12" x 8"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,127.32	228.48
40 05 19 00-1999	EA	12" x 10"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,300.90	253.87
40 05 19 00-2000	EA	14" x 6"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,180.80	228.48
40 05 19 00-2001	EA	14" x 8"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,279.26	239.59
40 05 19 00-2002	EA	14" x 10"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,426.11	264.98
40 05 19 00-2003	EA	14" x 12"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,633.73	278.47
40 05 19 00-2004	EA	16" x 6"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,421.89	262.20
40 05 19 00-2005	EA	16" x 8"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,544.28	273.31
40 05 19 00-2006	EA	16" x 10"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,717.86	298.70
40 05 19 00-2007	EA	16" x 12"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,899.54	311.79
40 05 19 00-2008	EA	16" x 14"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,997.20	323.29
40 05 19 00-2009	EA	18" x 8"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,760.23	309.02
40 05 19 00-2010	EA	18" x 10"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,933.80	334.40
40 05 19 00-2011	EA	18" x 12"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	2,115.50	347.49
40 05 19 00-2012	EA	18" x 14"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	2,211.74	358.99
40 05 19 00-2013	EA	18" x 16"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	2,424.69	392.71
40 05 19 00-2014	EA	20" x 6"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	2,574.90	353.44
40 05 19 00-2015	EA	20" x 8"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	2,349.64	364.55
40 05 19 00-2016	EA	20" x 10"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	2,388.10	389.93
40 05 19 00-2017	EA	20" x 12"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	2,610.62	403.02
40 05 19 00-2018	EA	20" x 14"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	2,687.16	414.53
40 05 19 00-2019	EA	20" x 16"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	2,938.10	448.25
40 05 19 00-2020	EA	20" x 18"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	3,109.01	483.95
40 05 19 00-2021	EA	24" x 8"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	3,272.12	400.24
40 05 19 00-2022	EA	24" x 10"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	3,368.30	425.63
40 05 19 00-2023	EA	24" x 12"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	3,445.83	438.73
40 05 19 00-2024	EA	24" x 14"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	3,520.98	450.23
40 05 19 00-2025	EA	24" x 16"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	3,776.14	483.95
40 05 19 00-2026	EA	24" x 18"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	3,973.78	519.64
40 05 19 00-2027	EA	24" x 20"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	4,197.30	513.90
40 05 19 00-2028	EA	30" x 14"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	6,854.86	549.39
40 05 19 00-2029	EA	30" x 16"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	6,687.79	583.11
40 05 19 00-2030	EA	30" x 18"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	5,997.35	618.82
40 05 19 00-2031	EA	30" x 20"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	6,423.49	674.35
40 05 19 00-2032	EA	30" x 24"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	7,098.28	710.06
40 05 19 00-2033	EA	36" x 16"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	7,886.44	636.66
40 05 19 00-2034	EA	36" x 18"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	8,219.20	672.37
40 05 19 00-2035	EA	36" x 20"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	8,707.28	727.90
40 05 19 00-2036	EA	36" x 24"	Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	9,473.54	763.61

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-2037	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	10,929.90	862.77
40 05 19 00-2038	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	13,306.64	829.05
40 05 19 00-2039	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	11,244.41	928.23
40 05 19 00-2040	EA	42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	17,013.01	981.78
40 05 19 00-2041	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	18,980.81	1,057.14
40 05 19 00-2042	EA	48" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	21,213.92	1,110.69
40 05 19 00-2043	EA	48" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	23,763.44	1,176.15

40 05 19 00-2044 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flanges ^(40 05 19 00-0001)

40 05 19 00-2045	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	166.80	51.57
40 05 19 00-2046	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	250.51	76.16
40 05 19 00-2047	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	363.63	90.44
40 05 19 00-2048	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	500.48	105.52
40 05 19 00-2049	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	646.35	123.76
40 05 19 00-2050	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	854.97	138.84
40 05 19 00-2051	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	1,021.54	158.67
40 05 19 00-2052	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	1,383.71	222.14
40 05 19 00-2053	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	1,838.00	277.67
40 05 19 00-2054	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	2,619.23	337.18
40 05 19 00-2055	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	3,694.20	392.71
40 05 19 00-2056	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	6,602.96	432.38
40 05 19 00-2057	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	9,312.24	476.01
40 05 19 00-2058	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	12,308.76	535.52

40 05 19 00-2059 Ductile Iron Bolt Packs ^(40 05 19)

Note: Labor installation is included with pipe fittings or valves.

40 05 19 00-2060	EA	4" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	30.78	
		Note: Includes eight (8) 5/8" diameter plain finish bolts with washers and nut.		
		<i>For Zinc Plated, Add</i>	8.62	
		<i>For Hot Dip Galvanized, Add</i>	12.31	
40 05 19 00-2061	EA	6" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	47.49	
		Note: Includes eight (8) 3/4" diameter plain finish bolts with washers and nut.		
		<i>For Zinc Plated, Add</i>	13.30	
		<i>For Hot Dip Galvanized, Add</i>	19.00	
40 05 19 00-2062	EA	8" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	51.56	
		Note: Includes eight (8) 3/4" diameter plain finish bolts with washers and nut.		
		<i>For Zinc Plated, Add</i>	14.44	
		<i>For Hot Dip Galvanized, Add</i>	20.62	
40 05 19 00-2063	EA	10" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	115.82	
		Note: Includes twelve (12) 7/8" diameter plain finish bolts with washers and nut.		
		<i>For Zinc Plated, Add</i>	32.43	
		<i>For Hot Dip Galvanized, Add</i>	46.33	
40 05 19 00-2064	EA	12" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	116.84	
		Note: Includes twelve (12) 7/8" diameter plain finish bolts with washers and nut.		
		<i>For Zinc Plated, Add</i>	32.72	
		<i>For Hot Dip Galvanized, Add</i>	46.74	
40 05 19 00-2065	EA	14" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	130.91	
		Note: Includes twelve (12) 1" diameter plain finish bolts with washers and nut.		
		<i>For Zinc Plated, Add</i>	36.65	
		<i>For Hot Dip Galvanized, Add</i>	52.36	
40 05 19 00-2066	EA	16" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	220.07	
		Note: Includes sixteen (16) 1" diameter plain finish bolts with washers and nut.		
		<i>For Zinc Plated, Add</i>	61.62	
		<i>For Hot Dip Galvanized, Add</i>	88.03	
40 05 19 00-2067	EA	18" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	319.70	
		Note: Includes sixteen (16) 1-1/8" diameter plain finish bolts with washers and nut.		
		<i>For Zinc Plated, Add</i>	89.52	
		<i>For Hot Dip Galvanized, Add</i>	127.88	
40 05 19 00-2068	EA	20" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	403.66	
		Note: Includes twenty (20) 1-1/8" diameter plain finish bolts with washers and nut.		
		<i>For Zinc Plated, Add</i>	113.02	
		<i>For Hot Dip Galvanized, Add</i>	161.46	
40 05 19 00-2069	EA	24" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	577.56	
		Note: Includes twenty (20) 1-1/4" diameter plain finish bolts with washers and nut.		
		<i>For Zinc Plated, Add</i>	161.72	
		<i>For Hot Dip Galvanized, Add</i>	231.02	
40 05 19 00-2070	EA	30" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	912.64	
		Note: Includes twenty-eight (28) 1-1/4" diameter plain finish bolts with washers and nut.		
		<i>For Zinc Plated, Add</i>	255.54	
		<i>For Hot Dip Galvanized, Add</i>	365.06	
40 05 19 00-2071	EA	36" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	1,301.90	
		Note: Includes thirty-two (32) 1-1/2" diameter plain finish bolts with washers and nut.		
		<i>For Zinc Plated, Add</i>	364.53	
		<i>For Hot Dip Galvanized, Add</i>	520.76	
40 05 19 00-2072	EA	42" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	1,674.85	
		Note: Includes thirty-six (36) 1-1/2" diameter plain finish bolts with washers and nut.		
		<i>For Zinc Plated, Add</i>	468.96	
		<i>For Hot Dip Galvanized, Add</i>	669.94	
40 05 19 00-2073	EA	48" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	2,047.04	
		Note: Includes forty-four (44) 1-1/2" diameter plain finish bolts with washers and nut.		
		<i>For Zinc Plated, Add</i>	573.17	
		<i>For Hot Dip Galvanized, Add</i>	818.82	

40 05 19 00-2074 Full Face Flange Gaskets, ANSI/AWWA C115/A21.15 ^(40 05 19)

Note: Labor installation is included with pipe fittings or valves.

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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40 05 19 00-2075	Full Face Flange Styrene Butadiene (SBR) Gaskets <small>(40 05 19 00-2074)</small>		
40 05 19 00-2076	EA 4" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	8.04	
40 05 19 00-2077	EA 6" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	10.24	
40 05 19 00-2078	EA 8" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	13.89	
40 05 19 00-2079	EA 10" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	16.09	
40 05 19 00-2080	EA 12" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	17.55	
40 05 19 00-2081	EA 14" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	29.25	
40 05 19 00-2082	EA 16" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	35.83	
40 05 19 00-2083	EA 18" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	38.02	
40 05 19 00-2084	EA 20" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	58.50	
40 05 19 00-2085	EA 24" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	62.89	
40 05 19 00-2086	EA 30" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	81.17	
40 05 19 00-2087	EA 36" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	92.87	
40 05 19 00-2088	EA 42" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	99.45	
40 05 19 00-2089	EA 48" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	108.96	

40 05 19 00-2090	Full Face Flange Nitrile Buna-N (NBR) Gaskets <small>(40 05 19 00-2074)</small>		
<small>Note: (Acrylonitrile Butadiene)</small>			
40 05 19 00-2091	EA 4" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	24.86	
40 05 19 00-2092	EA 6" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	35.10	
40 05 19 00-2093	EA 8" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	54.11	
40 05 19 00-2094	EA 10" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	59.23	
40 05 19 00-2095	EA 12" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	63.62	
40 05 19 00-2096	EA 14" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	119.92	
40 05 19 00-2097	EA 16" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	147.71	
40 05 19 00-2098	EA 18" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	148.44	
40 05 19 00-2099	EA 20" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	154.29	
40 05 19 00-2100	EA 24" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	163.07	
40 05 19 00-2101	EA 30" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	180.62	
40 05 19 00-2102	EA 36" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	198.90	
40 05 19 00-2103	EA 42" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	282.99	
40 05 19 00-2104	EA 48" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	309.32	

40 05 19 00-2105	Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gaskets <small>(40 05 19 00-2074)</small>		
40 05 19 00-2106	EA 4" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	21.94	
40 05 19 00-2107	EA 6" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	28.52	
40 05 19 00-2108	EA 8" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	38.76	
40 05 19 00-2109	EA 10" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	45.34	
40 05 19 00-2110	EA 12" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	50.46	
40 05 19 00-2111	EA 14" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	83.36	
40 05 19 00-2112	EA 16" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	100.18	
40 05 19 00-2113	EA 18" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	100.91	
40 05 19 00-2114	EA 20" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	103.11	
40 05 19 00-2115	EA 24" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	119.92	
40 05 19 00-2116	EA 30" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	146.98	
40 05 19 00-2117	EA 36" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	167.46	
40 05 19 00-2118	EA 42" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	239.85	
40 05 19 00-2119	EA 48" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	264.71	

40 05 19 00-2120	Full Face Flange Neoprene Gaskets <small>(40 05 19 00-2074)</small>		
<small>Note: (Polychloroprene)</small>			
40 05 19 00-2121	EA 4" Full Face Flange Neoprene Gasket, 1/8" Thick.....	25.59	
40 05 19 00-2122	EA 6" Full Face Flange Neoprene Gasket, 1/8" Thick.....	35.83	
40 05 19 00-2123	EA 8" Full Face Flange Neoprene Gasket, 1/8" Thick.....	54.84	
40 05 19 00-2124	EA 10" Full Face Flange Neoprene Gasket, 1/8" Thick.....	59.23	
40 05 19 00-2125	EA 12" Full Face Flange Neoprene Gasket, 1/8" Thick.....	63.62	
40 05 19 00-2126	EA 14" Full Face Flange Neoprene Gasket, 1/8" Thick.....	84.82	
40 05 19 00-2127	EA 16" Full Face Flange Neoprene Gasket, 1/8" Thick.....	149.18	
40 05 19 00-2128	EA 18" Full Face Flange Neoprene Gasket, 1/8" Thick.....	149.91	
40 05 19 00-2129	EA 20" Full Face Flange Neoprene Gasket, 1/8" Thick.....	158.68	
40 05 19 00-2130	EA 24" Full Face Flange Neoprene Gasket, 1/8" Thick.....	160.88	
40 05 19 00-2131	EA 30" Full Face Flange Neoprene Gasket, 1/8" Thick.....	174.77	
40 05 19 00-2132	EA 36" Full Face Flange Neoprene Gasket, 1/8" Thick.....	196.71	
40 05 19 00-2133	EA 42" Full Face Flange Neoprene Gasket, 1/8" Thick.....	285.19	
40 05 19 00-2134	EA 48" Full Face Flange Neoprene Gasket, 1/8" Thick.....	312.24	

40 05 19 00-2135	Full Face Flange FKM Gaskets <small>(40 05 19 00-2074)</small>		
<small>Note: (Fluoroelastomer Fluorel Viton®)</small>			
40 05 19 00-2136	EA 4" Full Face Flange FKM Gasket, 1/8" Thick.....	110.89	
40 05 19 00-2137	EA 6" Full Face Flange FKM Gasket, 1/8" Thick.....	165.10	
40 05 19 00-2138	EA 8" Full Face Flange FKM Gasket, 1/8" Thick.....	220.55	
40 05 19 00-2139	EA 10" Full Face Flange FKM Gasket, 1/8" Thick.....	266.13	
40 05 19 00-2140	EA 12" Full Face Flange FKM Gasket, 1/8" Thick.....	346.22	
40 05 19 00-2141	EA 14" Full Face Flange FKM Gasket, 1/8" Thick.....	633.30	
40 05 19 00-2142	EA 16" Full Face Flange FKM Gasket, 1/8" Thick.....	725.71	
40 05 19 00-2143	EA 18" Full Face Flange FKM Gasket, 1/8" Thick.....	760.21	
40 05 19 00-2144	EA 20" Full Face Flange FKM Gasket, 1/8" Thick.....	810.72	
40 05 19 00-2145	EA 24" Full Face Flange FKM Gasket, 1/8" Thick.....	1,121.21	
40 05 19 00-2146	EA 30" Full Face Flange FKM Gasket, 1/8" Thick.....	1,344.22	
40 05 19 00-2147	EA 36" Full Face Flange FKM Gasket, 1/8" Thick.....	1,418.15	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-2148	EA	42" Full Face Flange FKM Gasket, 1/8" Thick	1,768.06	
40 05 19 00-2149	EA	48" Full Face Flange FKM Gasket, 1/8" Thick	1,853.08	

40 05 19 00-2150 Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100) (40 05 19)

40 05 19 00-2151	EA	4" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	391.25	70.69
40 05 19 00-2152	EA	6" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	544.18	86.30
40 05 19 00-2153	EA	8" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	808.20	105.25
40 05 19 00-2154	EA	10" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	1,111.87	128.39
40 05 19 00-2155	EA	12" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	1,412.32	156.56
40 05 19 00-2156	EA	14" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	2,276.16	191.02
40 05 19 00-2157	EA	16" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	3,587.55	233.12
40 05 19 00-2158	EA	18" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	3,699.08	284.32
40 05 19 00-2159	EA	20" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	4,532.18	346.95
40 05 19 00-2160	EA	24" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	5,045.40	423.19
40 05 19 00-2161	EA	30" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	6,505.92	516.38
40 05 19 00-2162	EA	36" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	9,688.16	629.91
40 05 19 00-2163	EA	42" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	25,359.72	768.56
40 05 19 00-2164	EA	48" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	32,397.68	937.59

40 05 23 Stainless Steel Process Pipe and Tubing (40 05)**40 05 23 23 300- and 400-Series Stainless Steel Process Pipe** (40 05 23)**40 05 23 23-0001 Schedule 40 Pipe, Type 304, With 150 LB Screwed Fittings Assembly** (40 05 23)

40 05 23 23-0002	LF	1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	37.57	9.51
		Note: Includes hangers and fittings. Fittings are assumed every 10'. Not for use where detail is available.		
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	4.80	
		For Work In Restricted Working Space, Add	5.74	
40 05 23 23-0003	LF	3/4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	42.05	10.91
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	5.03	
		For Work In Restricted Working Space, Add	6.82	
40 05 23 23-0004	LF	1" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	49.02	12.30
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	5.89	
		For Work In Restricted Working Space, Add	7.91	
40 05 23 23-0005	LF	1-1/4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	56.99	14.86
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	7.44	
		For Work In Restricted Working Space, Add	8.52	
40 05 23 23-0006	LF	1-1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	63.20	15.28
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	8.52	
		For Work In Restricted Working Space, Add	9.13	
40 05 23 23-0007	LF	2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	76.61	20.20
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	10.39	
		For Work In Restricted Working Space, Add	11.00	
40 05 23 23-0008	LF	2-1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	114.11	24.90
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	17.86	
		For Work In Restricted Working Space, Add	13.62	
40 05 23 23-0009	LF	3" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	145.03	28.86
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	23.26	
		For Work In Restricted Working Space, Add	16.67	
40 05 23 23-0010	LF	4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	199.33	28.86
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	21.14	

40 05 23 23-0011 Stainless Steel Tubing And Fittings (40 05 23 23)**40 05 23 23-0012 Type 304 Tubing** (40 05 23 23-0011)**40 05 23 23-0013 0.035" Wall** (40 05 23 23-0012)

40 05 23 23-0014	LF	1/4", 0.035" Wall, Type 304, Stainless Steel Tubing	9.00	3.13
		For Work In Restricted Working Space, Add	1.87	
40 05 23 23-0015	LF	3/8", 0.035" Wall, Type 304, Stainless Steel Tubing	10.36	3.72
		For Work In Restricted Working Space, Add	2.24	
40 05 23 23-0016	LF	1/2", 0.035" Wall, Type 304, Stainless Steel Tubing	12.44	4.41
		For Work In Restricted Working Space, Add	2.62	
40 05 23 23-0017	LF	5/8", 0.035" Wall, Type 304, Stainless Steel Tubing	21.27	5.00
		For Work In Restricted Working Space, Add	2.99	
40 05 23 23-0018	LF	3/4", 0.035" Wall, Type 304, Stainless Steel Tubing	25.37	5.57
		For Work In Restricted Working Space, Add	3.37	
40 05 23 23-0019	LF	7/8", 0.035" Wall, Type 304, Stainless Steel Tubing	28.06	6.28
		For Work In Restricted Working Space, Add	3.75	
40 05 23 23-0020	LF	1", 0.035" Wall, Type 304, Stainless Steel Tubing	31.10	7.54
		For Work In Restricted Working Space, Add	4.49	

40 05 23 23-0021 0.049" Wall (40 05 23 23-0012)

40 05 23 23-0022	LF	1/4", 0.049" Wall, Type 304, Stainless Steel Tubing	15.68	3.72
		For Work In Restricted Working Space, Add	2.24	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0023 LF 3/8", 0.049" Wall, Type 304, Stainless Steel Tubing <i>For Work In Restricted Working Space, Add</i>	17.38 2.62	4.41
40 05 23 23-0024 LF 1/2", 0.049" Wall, Type 304, Stainless Steel Tubing <i>For Work In Restricted Working Space, Add</i>	21.03 2.99	5.00
40 05 23 23-0025 LF 5/8", 0.049" Wall, Type 304, Stainless Steel Tubing <i>For Work In Restricted Working Space, Add</i>	26.64 3.75	6.28
40 05 23 23-0026 LF 3/4", 0.049" Wall, Type 304, Stainless Steel Tubing <i>For Work In Restricted Working Space, Add</i>	30.30 4.49	7.54
40 05 23 23-0027 LF 7/8", 0.049" Wall, Type 304, Stainless Steel Tubing <i>For Work In Restricted Working Space, Add</i>	33.90 5.24	8.71
40 05 23 23-0028 LF 1", 0.049" Wall, Type 304, Stainless Steel Tubing <i>For Work In Restricted Working Space, Add</i>	39.19 5.96	9.87
40 05 23 23-0029 0.065" Wall <small>(40 05 23 23-0012)</small>		
40 05 23 23-0030 LF 1/4", 0.065" Wall, Type 304, Stainless Steel Tubing <i>For Work In Restricted Working Space, Add</i>	18.31 2.62	4.41
40 05 23 23-0031 LF 3/8", 0.065" Wall, Type 304, Stainless Steel Tubing <i>For Work In Restricted Working Space, Add</i>	21.09 2.99	5.00
40 05 23 23-0032 LF 1/2", 0.065" Wall, Type 304, Stainless Steel Tubing <i>For Work In Restricted Working Space, Add</i>	25.96 3.75	6.28
40 05 23 23-0033 LF 5/8", 0.065" Wall, Type 304, Stainless Steel Tubing <i>For Work In Restricted Working Space, Add</i>	30.42 4.49	7.54
40 05 23 23-0034 LF 3/4", 0.065" Wall, Type 304, Stainless Steel Tubing <i>For Work In Restricted Working Space, Add</i>	35.94 5.24	8.71
40 05 23 23-0035 LF 7/8", 0.065" Wall, Type 304, Stainless Steel Tubing <i>For Work In Restricted Working Space, Add</i>	41.35 5.96	9.87
40 05 23 23-0036 LF 1", 0.065" Wall, Type 304, Stainless Steel Tubing <i>For Work In Restricted Working Space, Add</i>	46.61 6.70	11.15
40 05 23 23-0037 Type 304 Tube Fittings <small>(40 05 23 23-0011)</small>		
40 05 23 23-0038 90 Degree Elbows <small>(40 05 23 23-0037)</small>		
40 05 23 23-0039 EA 1/4", Type 304, Stainless Steel, 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	59.90 7.49	12.54
40 05 23 23-0040 EA 3/8", Type 304, Stainless Steel, 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	71.37 8.20	13.70
40 05 23 23-0041 EA 1/2", Type 304, Stainless Steel, 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	109.94 9.29	15.44
40 05 23 23-0042 EA 5/8", Type 304, Stainless Steel, 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	117.06 10.40	17.30
40 05 23 23-0043 EA 3/4", Type 304, Stainless Steel, 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	131.25 11.24	18.70
40 05 23 23-0044 EA 7/8", Type 304, Stainless Steel, 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	181.58 12.44	20.79
40 05 23 23-0045 EA 1", Type 304, Stainless Steel, 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	232.06 14.83	24.73
40 05 23 23-0046 Union Tees <small>(40 05 23 23-0037)</small>		
40 05 23 23-0047 EA 1/4", Type 304, Stainless Steel, Union Tee <i>For Work In Restricted Working Space, Add</i>	95.55 11.24	18.70
40 05 23 23-0048 EA 3/8", Type 304, Stainless Steel, Union Tee <i>For Work In Restricted Working Space, Add</i>	116.84 12.44	20.79
40 05 23 23-0049 EA 1/2", Type 304, Stainless Steel, Union Tee <i>For Work In Restricted Working Space, Add</i>	162.07 13.94	23.23
40 05 23 23-0050 EA 5/8", Type 304, Stainless Steel, Union Tee <i>For Work In Restricted Working Space, Add</i>	173.72 15.83	26.36
40 05 23 23-0051 EA 3/4", Type 304, Stainless Steel, Union Tee <i>For Work In Restricted Working Space, Add</i>	224.47 16.99	28.33
40 05 23 23-0052 EA 7/8", Type 304, Stainless Steel, Union Tee <i>For Work In Restricted Working Space, Add</i>	363.11 18.83	31.36
40 05 23 23-0053 EA 1", Type 304, Stainless Steel, Union Tee <i>For Work In Restricted Working Space, Add</i>	435.25 22.47	37.51
40 05 23 23-0054 Unions <small>(40 05 23 23-0037)</small>		
40 05 23 23-0055 EA 1/4", Type 304, Stainless Steel, Union <i>For Work In Restricted Working Space, Add</i>	90.93 11.24	18.70
40 05 23 23-0056 EA 3/8", Type 304, Stainless Steel, Union <i>For Work In Restricted Working Space, Add</i>	119.44 12.44	20.79
40 05 23 23-0057 EA 1/2", Type 304, Stainless Steel, Union <i>For Work In Restricted Working Space, Add</i>	163.78 13.94	23.23
40 05 23 23-0058 EA 5/8", Type 304, Stainless Steel, Union <i>For Work In Restricted Working Space, Add</i>	200.56 15.83	26.36
40 05 23 23-0059 EA 3/4", Type 304, Stainless Steel, Union <i>For Work In Restricted Working Space, Add</i>	240.81 16.99	28.33
40 05 23 23-0060 EA 7/8", Type 304, Stainless Steel, Union <i>For Work In Restricted Working Space, Add</i>	376.14 18.83	31.36
40 05 23 23-0061 EA 1", Type 304, Stainless Steel, Union <i>For Work In Restricted Working Space, Add</i>	398.31 22.47	37.51
40 05 23 23-0062 Male Connectors <small>(40 05 23 23-0037)</small>		
40 05 23 23-0063 EA 1/4" x 1/4", Type 304, Stainless Steel, Male Connection <i>For Work In Restricted Working Space, Add</i>	43.36 7.49	12.54

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 23 23-0064	EA	3/8" x 3/8", Type 304, Stainless Steel, Male Connection	55.09	13.70
		<i>For Work In Restricted Working Space, Add</i>	8.20	
40 05 23 23-0065	EA	1/2" x 1/2", Type 304, Stainless Steel, Male Connection	72.52	15.44
		<i>For Work In Restricted Working Space, Add</i>	9.29	
40 05 23 23-0066	EA	5/8" x 5/8" Male Connection, Stainless Steel Type 304	81.77	17.30
		<i>For Work In Restricted Working Space, Add</i>	10.40	
40 05 23 23-0067	EA	3/4" x 3/4", Type 304, Stainless Steel, Male Connection	99.90	18.70
		<i>For Work In Restricted Working Space, Add</i>	11.24	
40 05 23 23-0068	EA	7/8" x 7/8", Type 304, Stainless Steel, Male Connection	154.08	20.79
		<i>For Work In Restricted Working Space, Add</i>	12.44	
40 05 23 23-0069	EA	1" x 1", Type 304, Stainless Steel, Male Connection	159.93	24.73
		<i>For Work In Restricted Working Space, Add</i>	14.83	
40 05 23 23-0070		Type 304 Valves <small>(40 05 23 23-0011)</small>		
40 05 23 23-0071		Gate Valves <small>(40 05 23 23-0070)</small>		
40 05 23 23-0072	EA	1/4" Gate Valve, Stainless Steel Type 304	174.83	18.70
		<i>For Work In Restricted Working Space, Add</i>	10.14	
40 05 23 23-0073	EA	3/8" Gate Valve, Stainless Steel Type 304	289.88	21.95
		<i>For Work In Restricted Working Space, Add</i>	10.68	
40 05 23 23-0074	EA	1/2" Gate Valve, Stainless Steel Type 304	303.71	24.73
		<i>For Work In Restricted Working Space, Add</i>	14.83	
40 05 23 23-0075	EA	3/4" Gate Valve, Stainless Steel Type 304	337.08	28.33
		<i>For Work In Restricted Working Space, Add</i>	16.99	
40 05 23 23-0076	EA	1" Gate Valve, Stainless Steel Type 304	314.48	37.51
		<i>For Work In Restricted Working Space, Add</i>	22.47	
40 05 23 23-0077		Globe Valves <small>(40 05 23 23-0070)</small>		
40 05 23 23-0078	EA	1/4" Globe Valve, Stainless Steel Type 304	177.14	18.70
		<i>For Work In Restricted Working Space, Add</i>	10.14	
40 05 23 23-0079	EA	3/8" Globe Valve, Stainless Steel Type 304	119.95	21.95
		<i>For Work In Restricted Working Space, Add</i>	10.68	
40 05 23 23-0080	EA	1/2" Globe Valve, Stainless Steel Type 304	212.31	24.73
		<i>For Work In Restricted Working Space, Add</i>	14.83	
40 05 23 23-0081	EA	3/4" Globe Valve, Stainless Steel Type 304	236.70	28.33
		<i>For Work In Restricted Working Space, Add</i>	16.99	
40 05 23 23-0082	EA	1" Globe Valve, Stainless Steel Type 304	343.57	37.51
		<i>For Work In Restricted Working Space, Add</i>	22.47	
40 05 23 23-0083		Check Valves <small>(40 05 23 23-0070)</small>		
40 05 23 23-0084	EA	1/4" Check Valve, Stainless Steel Type 304	245.04	18.70
		<i>For Work In Restricted Working Space, Add</i>	10.14	
40 05 23 23-0085	EA	3/8" Check Valve, Stainless Steel Type 304	246.82	21.95
		<i>For Work In Restricted Working Space, Add</i>	10.68	
40 05 23 23-0086	EA	1/2" Check Valve, Stainless Steel Type 304	167.49	24.73
		<i>For Work In Restricted Working Space, Add</i>	14.83	
40 05 23 23-0087	EA	3/4" Check Valve, Stainless Steel Type 304	176.43	28.33
		<i>For Work In Restricted Working Space, Add</i>	16.99	
40 05 23 23-0088	EA	1" Check Valve, Stainless Steel Type 304	198.12	37.51
		<i>For Work In Restricted Working Space, Add</i>	22.47	
40 05 23 23-0089		Plug Valves <small>(40 05 23 23-0070)</small>		
40 05 23 23-0090	EA	1/2" Plug Valve, Stainless Steel Type 304	378.39	24.73
		<i>For Work In Restricted Working Space, Add</i>	14.83	
40 05 23 23-0091	EA	3/4" Plug Valve, Stainless Steel Type 304	414.85	28.33
		<i>For Work In Restricted Working Space, Add</i>	16.99	
40 05 23 23-0092	EA	1" Plug Valve, Stainless Steel Type 304	472.11	37.51
		<i>For Work In Restricted Working Space, Add</i>	22.47	
40 05 23 23-0093	EA	1-1/2" Plug Valve, Stainless Steel Type 304	651.45	42.39
		<i>For Work In Restricted Working Space, Add</i>	25.43	
40 05 23 23-0094	EA	2" Plug Valve, Stainless Steel Type 304	849.58	58.06
		<i>For Work In Restricted Working Space, Add</i>	34.84	
40 05 23 23-0095		Type 316 Tubing <small>(40 05 23 23-0011)</small>		
40 05 23 23-0096		0.035" Wall <small>(40 05 23 23-0095)</small>		
40 05 23 23-0097	LF	1/4" Stainless Steel Tubing, Type 316, 0.035" Wall	9.42	3.13
		<i>For Work In Restricted Working Space, Add</i>	1.87	
40 05 23 23-0098	LF	3/8" Stainless Steel Tubing, Type 316, 0.035" Wall	12.43	3.72
		<i>For Work In Restricted Working Space, Add</i>	2.24	
40 05 23 23-0099	LF	1/2" Stainless Steel Tubing, Type 316, 0.035" Wall	13.70	4.41
		<i>For Work In Restricted Working Space, Add</i>	2.62	
40 05 23 23-0100	LF	5/8" Stainless Steel Tubing, Type 316, 0.035" Wall	24.61	5.00
		<i>For Work In Restricted Working Space, Add</i>	2.99	
40 05 23 23-0101	LF	3/4" Stainless Steel Tubing, Type 316, 0.035" Wall	27.96	5.57
		<i>For Work In Restricted Working Space, Add</i>	3.37	
40 05 23 23-0102	LF	7/8" Stainless Steel Tubing, Type 316, 0.035" Wall	36.03	6.28
		<i>For Work In Restricted Working Space, Add</i>	3.75	
40 05 23 23-0103	LF	1" Stainless Steel Tubing, Type 316, 0.035" Wall	37.27	7.54
		<i>For Work In Restricted Working Space, Add</i>	4.49	

	MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT	DEMOLITION
			UNIT COST	UNIT COST

40 05 23 23-0104 0.049" Wall (40 05 23 23-0095)				
40 05 23 23-0105	LF	1/4" Stainless Steel Tubing, Type 316, 0.049" Wall <i>For Work In Restricted Working Space, Add</i>	17.46 2.24	3.72
40 05 23 23-0106	LF	3/8" Stainless Steel Tubing, Type 316, 0.049" Wall <i>For Work In Restricted Working Space, Add</i>	19.26 2.62	4.41
40 05 23 23-0107	LF	1/2" Stainless Steel Tubing, Type 316, 0.049" Wall <i>For Work In Restricted Working Space, Add</i>	22.78 2.99	5.00
40 05 23 23-0108	LF	5/8" Stainless Steel Tubing, Type 316, 0.049" Wall <i>For Work In Restricted Working Space, Add</i>	29.88 3.75	6.28
40 05 23 23-0109	LF	3/4" Stainless Steel Tubing, Type 316, 0.049" Wall <i>For Work In Restricted Working Space, Add</i>	34.33 4.49	7.54
40 05 23 23-0110	LF	7/8" Stainless Steel Tubing, Type 316, 0.049" Wall <i>For Work In Restricted Working Space, Add</i>	44.27 5.24	8.71
40 05 23 23-0111	LF	1" Stainless Steel Tubing, Type 316, 0.049" Wall <i>For Work In Restricted Working Space, Add</i>	44.63 5.96	9.87
40 05 23 23-0112 0.065" Wall (40 05 23 23-0095)				
40 05 23 23-0113	LF	1/4" Stainless Steel Tubing, Type 316, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	20.43 2.62	4.41
40 05 23 23-0114	LF	3/8" Stainless Steel Tubing, Type 316, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	22.72 2.99	5.00
40 05 23 23-0115	LF	1/2" Stainless Steel Tubing, Type 316, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	28.51 3.75	6.28
40 05 23 23-0116	LF	5/8" Stainless Steel Tubing, Type 316, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	33.94 4.49	7.54
40 05 23 23-0117	LF	3/4" Stainless Steel Tubing, Type 316, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	41.33 5.24	8.71
40 05 23 23-0118	LF	7/8" Stainless Steel Tubing, Type 316, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	45.35 5.96	9.87
40 05 23 23-0119	LF	1" Stainless Steel Tubing, Type 316, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	53.06 6.70	11.15
40 05 23 23-0120 Type 316 Tube Fittings (40 05 23 23-0011)				
40 05 23 23-0121 90 Degree Elbows (40 05 23 23-0120)				
40 05 23 23-0122	EA	1/4" 90 Degree Elbow, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	85.12 7.49	12.54
40 05 23 23-0123	EA	3/8" 90 Degree Elbow, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	103.17 8.20	13.70
40 05 23 23-0124	EA	1/2" 90 Degree Elbow, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	166.96 9.29	15.44
40 05 23 23-0125	EA	5/8" 90 Degree Elbow, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	176.54 10.40	17.30
40 05 23 23-0126	EA	3/4" 90 Degree Elbow, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	198.96 11.24	18.70
40 05 23 23-0127	EA	7/8" 90 Degree Elbow, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	282.74 12.44	20.79
40 05 23 23-0128	EA	1" 90 Degree Elbow, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	363.92 14.83	24.73
40 05 23 23-0129 Union Tees (40 05 23 23-0120)				
40 05 23 23-0130	EA	1/4" Union Tee, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	137.50 11.24	18.70
40 05 23 23-0131	EA	3/8" Union Tee, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	171.26 12.44	20.79
40 05 23 23-0132	EA	1/2" Union Tee, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	245.54 13.94	23.23
40 05 23 23-0133	EA	5/8" Union Tee, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	261.03 15.83	26.36
40 05 23 23-0134	EA	3/4" Union Tee, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	345.64 16.99	28.33
40 05 23 23-0135	EA	7/8" Union Tee, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	579.94 18.83	31.36
40 05 23 23-0136	EA	1" Union Tee, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	695.40 22.47	37.51
40 05 23 23-0137 Unions (40 05 23 23-0120)				
40 05 23 23-0138	EA	1/4" Union, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	84.54 11.24	18.70
40 05 23 23-0139	EA	3/8" Union, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	110.12 12.44	20.79
40 05 23 23-0140	EA	1/2" Union, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	149.76 13.94	23.23
40 05 23 23-0141	EA	5/8" Union, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	182.89 15.83	26.36
40 05 23 23-0142	EA	3/4" Union, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	218.79 16.99	28.33
40 05 23 23-0143	EA	7/8" Union, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	338.68 18.83	31.36
40 05 23 23-0144	EA	1" Union, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	359.66 22.47	37.51

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0145			Male Connectors (40 05 23 23-0120)		
40 05 23 23-0146	EA		1/4" x 1/4" Male Connector, Stainless Steel Type 316.....	56.35	12.54
			<i>For Work In Restricted Working Space, Add</i>	7.49	
40 05 23 23-0147	EA		3/8" x 3/8" Male Connector, Stainless Steel Type 316.....	74.72	13.70
			<i>For Work In Restricted Working Space, Add</i>	8.20	
40 05 23 23-0148	EA		1/2" x 1/2" Male Connector, Stainless Steel Type 316.....	101.90	15.44
			<i>For Work In Restricted Working Space, Add</i>	9.29	
40 05 23 23-0149	EA		5/8" x 5/8" Male Connector, Stainless Steel Type 316.....	115.08	17.30
			<i>For Work In Restricted Working Space, Add</i>	10.40	
40 05 23 23-0150	EA		3/4" x 3/4" Male Connector, Stainless Steel Type 316.....	144.03	18.70
			<i>For Work In Restricted Working Space, Add</i>	11.24	
40 05 23 23-0151	EA		7/8" x 7/8" Male Connector, Stainless Steel Type 316.....	233.70	20.79
			<i>For Work In Restricted Working Space, Add</i>	12.44	
40 05 23 23-0152	EA		1" x 1" Male Connector, Stainless Steel Type 316.....	238.05	24.73
			<i>For Work In Restricted Working Space, Add</i>	14.83	
40 05 23 23-0153			Type 316 Valves (40 05 23 23-0011)		
40 05 23 23-0154			Gate Valves (40 05 23 23-0153)		
40 05 23 23-0155	EA		1/4" Gate Valve, Stainless Steel Type 316.....	220.37	18.70
			<i>For Work In Restricted Working Space, Add</i>	10.14	
40 05 23 23-0156	EA		3/8" Gate Valve, Stainless Steel Type 316.....	371.98	21.95
			<i>For Work In Restricted Working Space, Add</i>	10.68	
40 05 23 23-0157	EA		1/2" Gate Valve, Stainless Steel Type 316.....	385.81	24.73
			<i>For Work In Restricted Working Space, Add</i>	14.83	
40 05 23 23-0158	EA		3/4" Gate Valve, Stainless Steel Type 316.....	427.62	28.33
			<i>For Work In Restricted Working Space, Add</i>	16.99	
40 05 23 23-0159	EA		1" Gate Valve, Stainless Steel Type 316.....	391.83	37.51
			<i>For Work In Restricted Working Space, Add</i>	22.47	
40 05 23 23-0160	EA		1-1/4" Gate Valve, Stainless Steel Type 316.....	533.29	38.90
			<i>For Work In Restricted Working Space, Add</i>	23.34	
40 05 23 23-0161	EA		1-1/2" Gate Valve, Stainless Steel Type 316.....	848.77	42.39
			<i>For Work In Restricted Working Space, Add</i>	25.43	
40 05 23 23-0162	EA		2" Gate Valve, Stainless Steel Type 316.....	1,012.56	58.06
			<i>For Work In Restricted Working Space, Add</i>	34.84	
40 05 23 23-0163	EA		2-1/2" Gate Valve, Stainless Steel Type 316.....	1,543.18	185.90
			<i>For Work In Restricted Working Space, Add</i>	111.51	
40 05 23 23-0164			Globe Valves (40 05 23 23-0153)		
40 05 23 23-0165	EA		1/4" Globe Valve, Stainless Steel Type 316.....	223.42	18.70
			<i>For Work In Restricted Working Space, Add</i>	10.14	
40 05 23 23-0166	EA		3/8" Globe Valve, Stainless Steel Type 316.....	147.19	21.95
			<i>For Work In Restricted Working Space, Add</i>	10.68	
40 05 23 23-0167	EA		1/2" Globe Valve, Stainless Steel Type 316.....	264.91	24.73
			<i>For Work In Restricted Working Space, Add</i>	14.83	
40 05 23 23-0168	EA		3/4" Globe Valve, Stainless Steel Type 316.....	294.83	28.33
			<i>For Work In Restricted Working Space, Add</i>	16.99	
40 05 23 23-0169	EA		1" Globe Valve, Stainless Steel Type 316.....	430.32	37.51
			<i>For Work In Restricted Working Space, Add</i>	22.47	
40 05 23 23-0170	EA		1-1/4" Globe Valve, Stainless Steel Type 316.....	534.18	38.67
			<i>For Work In Restricted Working Space, Add</i>	23.17	
40 05 23 23-0171	EA		1-1/2" Globe Valve, Stainless Steel Type 316.....	879.33	42.39
			<i>For Work In Restricted Working Space, Add</i>	25.43	
40 05 23 23-0172	EA		2" Globe Valve, Stainless Steel Type 316.....	1,043.12	58.06
			<i>For Work In Restricted Working Space, Add</i>	34.84	
40 05 23 23-0173	EA		2-1/2" Globe Valve, Stainless Steel Type 316.....	1,349.63	185.90
			<i>For Work In Restricted Working Space, Add</i>	111.51	
40 05 23 23-0174			Check Valves (40 05 23 23-0153)		
40 05 23 23-0175	EA		1/4" Check Valve, Stainless Steel Type 316.....	313.25	18.70
			<i>For Work In Restricted Working Space, Add</i>	10.14	
40 05 23 23-0176	EA		3/8" Check Valve, Stainless Steel Type 316.....	315.03	21.95
			<i>For Work In Restricted Working Space, Add</i>	10.68	
40 05 23 23-0177	EA		1/2" Check Valve, Stainless Steel Type 316.....	205.62	24.73
			<i>For Work In Restricted Working Space, Add</i>	14.83	
40 05 23 23-0178	EA		3/4" Check Valve, Stainless Steel Type 316.....	215.10	28.33
			<i>For Work In Restricted Working Space, Add</i>	16.99	
40 05 23 23-0179	EA		1" Check Valve, Stainless Steel Type 316.....	237.90	37.51
			<i>For Work In Restricted Working Space, Add</i>	22.47	
40 05 23 23-0180	EA		1-1/4" Check Valve, Stainless Steel Type 316.....	324.12	38.90
			<i>For Work In Restricted Working Space, Add</i>	23.34	
40 05 23 23-0181	EA		1-1/2" Check Valve, Stainless Steel Type 316.....	706.16	42.39
			<i>For Work In Restricted Working Space, Add</i>	25.43	
40 05 23 23-0182	EA		2" Check Valve, Stainless Steel Type 316.....	859.76	58.06
			<i>For Work In Restricted Working Space, Add</i>	34.84	
40 05 23 23-0183	EA		2-1/2" Check Valve, Stainless Steel Type 316.....	1,729.94	185.90
			<i>For Work In Restricted Working Space, Add</i>	111.51	
40 05 23 23-0184			Diaphragm Valves, Ethylene Propylene Diene Monomer (EPDM) Lined (40 05 23 23-0153)		
40 05 23 23-0185	EA		1/2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined.....	339.01	24.73
			<i>For Work In Restricted Working Space, Add</i>	14.83	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0186 EA 3/4" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined..... <i>For Work In Restricted Working Space, Add</i>	395.82 16.99	28.33
40 05 23 23-0187 EA 1" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined..... <i>For Work In Restricted Working Space, Add</i>	505.33 22.47	37.51
40 05 23 23-0188 EA 1-1/2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined..... <i>For Work In Restricted Working Space, Add</i>	798.82 25.43	42.39
40 05 23 23-0189 EA 2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined..... <i>For Work In Restricted Working Space, Add</i>	1,115.81 34.84	58.06
40 05 23 23-0190 Diaphragm Valves, Teflon Lined <small>(40 05 23 23-0153)</small>		
40 05 23 23-0191 EA 1/2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined..... <i>For Work In Restricted Working Space, Add</i>	446.12 14.83	24.73
40 05 23 23-0192 EA 3/4" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined..... <i>For Work In Restricted Working Space, Add</i>	512.85 16.99	28.33
40 05 23 23-0193 EA 1" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined..... <i>For Work In Restricted Working Space, Add</i>	622.36 22.47	37.51
40 05 23 23-0194 EA 1-1/2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined..... <i>For Work In Restricted Working Space, Add</i>	963.45 25.43	42.39
40 05 23 23-0195 EA 2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined..... <i>For Work In Restricted Working Space, Add</i>	1,312.17 34.84	58.06
40 05 23 23-0196 Strainers <small>(40 05 23 23-0153)</small>		
40 05 23 23-0197 EA 1/2" Strainer, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	447.15 14.83	24.73
40 05 23 23-0198 EA 3/4" Strainer, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	534.71 17.07	28.45
40 05 23 23-0199 EA 1" Strainer, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	699.82 22.65	37.74
40 05 23 23-0200 EA 1-1/4" Strainer, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	866.06 23.34	38.90
40 05 23 23-0201 EA 1-1/2" Strainer, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	1,084.71 25.43	42.39
40 05 23 23-0202 EA 2" Strainer, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	1,563.18 34.84	58.06
40 05 23 23-0203 EA 2-1/2" Strainer, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	2,147.30 46.34	77.22
40 05 23 23-0204 EA 3" Strainer, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	3,128.39 69.67	116.12
40 05 23 23-0205 EA 4" Strainer, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	4,017.91 111.47	185.79
40 05 23 23-0206 Plug Valves <small>(40 05 23 23-0153)</small>		
40 05 23 23-0207 EA 1/2" Plug Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	475.90 14.83	24.73
40 05 23 23-0208 EA 3/4" Plug Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	521.03 16.99	28.33
40 05 23 23-0209 EA 1" Plug Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	589.85 22.47	37.51
40 05 23 23-0210 EA 1-1/2" Plug Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	819.43 25.43	42.39
40 05 23 23-0211 EA 2" Plug Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	1,067.00 34.84	58.06
40 05 23 23-0212 Cut And Prepare Existing Pipe In-Place <small>(40 05 23 23-0011)</small>		
Note: For use when connecting pipe to an existing in-place system.		
40 05 23 23-0213 EA Cut And Prepare 1/2" Stainless Steel Pipe.....	23.22	
40 05 23 23-0214 EA Cut And Prepare 3/4" Stainless Steel Pipe.....	25.07	
40 05 23 23-0215 EA Cut And Prepare 1" Stainless Steel Pipe.....	28.20	
40 05 23 23-0216 EA Cut And Prepare 1-1/4" Stainless Steel Pipe.....	29.60	
40 05 23 23-0217 EA Cut And Prepare 1-1/2" Stainless Steel Pipe.....	31.33	
40 05 23 23-0218 EA Cut And Prepare 2" Stainless Steel Pipe.....	33.66	
40 05 23 23-0219 EA Cut And Prepare 2-1/2" Stainless Steel Pipe.....	35.99	
40 05 23 23-0220 EA Cut And Prepare 3" Stainless Steel Pipe.....	39.46	
40 05 23 23-0221 EA Cut And Prepare 4" Stainless Steel Pipe.....	42.94	
40 05 23 23-0222 EA Cut And Prepare 6" Stainless Steel Pipe.....	46.43	
40 05 23 23-0223 EA Cut And Prepare 8" Stainless Steel Pipe.....	49.91	
40 05 23 23-0224 EA Cut And Prepare 10" Stainless Steel Pipe.....	54.55	
40 05 23 23-0225 EA Cut And Prepare 12" Stainless Steel Pipe.....	59.19	
40 05 23 23-0226 EA Cut And Prepare 14" Stainless Steel Pipe.....	63.84	
40 05 23 23-0227 EA Cut And Prepare 16" Stainless Steel Pipe.....	68.48	
40 05 23 23-0228 EA Cut And Prepare 18" Stainless Steel Pipe.....	71.96	
40 05 23 23-0229 EA Cut And Prepare 20" Stainless Steel Pipe.....	75.44	
40 05 23 23-0230 EA Cut And Prepare 24" Stainless Steel Pipe.....	80.09	
40 05 23 23-0231 Stainless Steel Pipe And Fittings <small>(40 05 23 23)</small>		
40 05 23 23-0232 Type 304, Schedule 40 Stainless Steel Pipe And 150 LB Threaded Fittings <small>(40 05 23 23-0231)</small>		
40 05 23 23-0233 Type 304, Schedule 40 Stainless Steel Threaded Pipe <small>(40 05 23 23-0232)</small>		
40 05 23 23-0234 LF 1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting..... <i>For Work In Restricted Working Space, Add</i>	19.05 2.99	5.00

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 23 23-0235	LF	3/4"	Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	23.40	6.28
			<i>For Work In Restricted Working Space, Add</i>	3.75	
40 05 23 23-0236	LF	1"	Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	28.85	7.54
			<i>For Work In Restricted Working Space, Add</i>	4.49	
40 05 23 23-0237	LF	1-1/4"	Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	34.80	8.71
			<i>For Work In Restricted Working Space, Add</i>	5.24	
40 05 23 23-0238	LF	1-1/2"	Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	40.34	9.87
			<i>For Work In Restricted Working Space, Add</i>	5.96	
40 05 23 23-0239	LF	2"	Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	51.63	12.54
			<i>For Work In Restricted Working Space, Add</i>	7.49	
40 05 23 23-0240	LF	2-1/2"	Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	70.93	14.87
			<i>For Work In Restricted Working Space, Add</i>	8.93	
40 05 23 23-0241	LF	3"	Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	89.15	18.70
			<i>For Work In Restricted Working Space, Add</i>	11.24	
40 05 23 23-0242	LF	4"	Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	120.98	24.73
			<i>For Work In Restricted Working Space, Add</i>	14.83	
40 05 23 23-0243 150#, Type 304 Stainless Steel Threaded 90 Degree Elbows (40 05 23 23-0232)					
40 05 23 23-0244	EA	1/2"	, 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	40.64	18.70
			<i>For Work In Restricted Working Space, Add</i>	11.24	
40 05 23 23-0245	EA	3/4"	, 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	53.97	24.73
			<i>For Work In Restricted Working Space, Add</i>	14.83	
40 05 23 23-0246	EA	1"	, 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	69.39	31.36
			<i>For Work In Restricted Working Space, Add</i>	18.83	
40 05 23 23-0247	EA	1-1/4"	, 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	97.32	42.96
			<i>For Work In Restricted Working Space, Add</i>	25.80	
40 05 23 23-0248	EA	1-1/2"	, 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	116.04	50.51
			<i>For Work In Restricted Working Space, Add</i>	30.29	
40 05 23 23-0249	EA	2"	, 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	141.35	61.08
			<i>For Work In Restricted Working Space, Add</i>	36.67	
40 05 23 23-0250	EA	2-1/2"	, 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	237.08	96.73
			<i>For Work In Restricted Working Space, Add</i>	58.06	
40 05 23 23-0251	EA	3"	, 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	305.18	124.83
			<i>For Work In Restricted Working Space, Add</i>	74.91	
40 05 23 23-0252	EA	4"	, 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	417.90	154.79
			<i>For Work In Restricted Working Space, Add</i>	92.90	
40 05 23 23-0253 150#, Type 304 Stainless Steel Threaded 45 Degree Elbows (40 05 23 23-0232)					
40 05 23 23-0254	EA	1/2"	, 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	41.37	18.70
			<i>For Work In Restricted Working Space, Add</i>	11.24	
40 05 23 23-0255	EA	3/4"	, 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	55.15	24.73
			<i>For Work In Restricted Working Space, Add</i>	14.83	
40 05 23 23-0256	EA	1"	, 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	69.75	31.36
			<i>For Work In Restricted Working Space, Add</i>	18.83	
40 05 23 23-0257	EA	1-1/4"	, 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	97.18	42.96
			<i>For Work In Restricted Working Space, Add</i>	25.80	
40 05 23 23-0258	EA	1-1/2"	, 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	114.28	50.51
			<i>For Work In Restricted Working Space, Add</i>	30.29	
40 05 23 23-0259	EA	2"	, 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	140.94	61.08
			<i>For Work In Restricted Working Space, Add</i>	36.67	
40 05 23 23-0260	EA	2-1/2"	, 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	245.01	96.73
			<i>For Work In Restricted Working Space, Add</i>	58.06	
40 05 23 23-0261	EA	3"	, 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	320.65	124.83
			<i>For Work In Restricted Working Space, Add</i>	74.91	
40 05 23 23-0262	EA	4"	, 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	435.92	154.79
			<i>For Work In Restricted Working Space, Add</i>	92.90	
40 05 23 23-0263 150#, Type 304 Stainless Steel Threaded Tees (40 05 23 23-0232)					
40 05 23 23-0264	EA	1/2"	, 150#, Type 304 Stainless Steel Threaded Tee	60.96	28.33
			<i>For Work In Restricted Working Space, Add</i>	16.99	
40 05 23 23-0265	EA	3/4"	, 150#, Type 304 Stainless Steel Threaded Tee	81.76	37.51
			<i>For Work In Restricted Working Space, Add</i>	22.47	
40 05 23 23-0266	EA	1"	, 150#, Type 304 Stainless Steel Threaded Tee	101.62	46.45
			<i>For Work In Restricted Working Space, Add</i>	27.87	
40 05 23 23-0267	EA	1-1/4"	, 150#, Type 304 Stainless Steel Threaded Tee	146.37	64.57
			<i>For Work In Restricted Working Space, Add</i>	38.71	
40 05 23 23-0268	EA	1-1/2"	, 150#, Type 304 Stainless Steel Threaded Tee	166.72	72.57
			<i>For Work In Restricted Working Space, Add</i>	43.55	
40 05 23 23-0269	EA	2"	, 150#, Type 304 Stainless Steel Threaded Tee	221.23	96.73
			<i>For Work In Restricted Working Space, Add</i>	58.06	
40 05 23 23-0270	EA	2-1/2"	, 150#, Type 304 Stainless Steel Threaded Tee	339.21	139.92
			<i>For Work In Restricted Working Space, Add</i>	83.94	
40 05 23 23-0271	EA	3"	, 150#, Type 304 Stainless Steel Threaded Tee	460.18	187.30
			<i>For Work In Restricted Working Space, Add</i>	112.37	
40 05 23 23-0272	EA	4"	, 150#, Type 304 Stainless Steel Threaded Tee	619.09	232.24
			<i>For Work In Restricted Working Space, Add</i>	139.34	
40 05 23 23-0273 150#, Type 304 Stainless Steel Threaded Reducers (40 05 23 23-0232)					
40 05 23 23-0274	EA	3/4"	, 150#, Type 304 Stainless Steel Threaded Reducer	53.42	24.73
			<i>For Work In Restricted Working Space, Add</i>	14.83	
40 05 23 23-0275	EA	1"	, 150#, Type 304 Stainless Steel Threaded Reducer	68.22	31.36
			<i>For Work In Restricted Working Space, Add</i>	18.83	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0276 EA 1-1/4", 150#, Type 304 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	94.00 25.80	42.96
40 05 23 23-0277 EA 1-1/2", 150#, Type 304 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	112.47 30.29	50.51
40 05 23 23-0278 EA 2", 150#, Type 304 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	141.43 36.67	61.08
40 05 23 23-0279 EA 2-1/2", 150#, Type 304 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	234.73 58.06	96.73
40 05 23 23-0280 EA 3", 150#, Type 304 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	308.38 74.91	124.83
40 05 23 23-0281 EA 4", 150#, Type 304 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	406.83 92.90	154.79
40 05 23 23-0282 150#, Type 304 Stainless Steel Threaded Caps (40 05 23 23-0232)		
40 05 23 23-0283 EA 1/2", 150#, Type 304 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	20.85 5.62	9.41
40 05 23 23-0284 EA 3/4", 150#, Type 304 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	27.62 7.49	12.54
40 05 23 23-0285 EA 1", 150#, Type 304 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	34.94 9.29	15.44
40 05 23 23-0286 EA 1-1/4", 150#, Type 304 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	51.02 13.15	21.95
40 05 23 23-0287 EA 1-1/2", 150#, Type 304 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	58.86 14.83	24.73
40 05 23 23-0288 EA 2", 150#, Type 304 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	74.79 18.83	31.36
40 05 23 23-0289 EA 2-1/2", 150#, Type 304 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	114.60 27.87	46.45
40 05 23 23-0290 EA 3", 150#, Type 304 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	152.24 36.67	61.08
40 05 23 23-0291 EA 4", 150#, Type 304 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	205.61 46.45	77.45
40 05 23 23-0292 150#, Type 304 Stainless Steel Threaded Unions (40 05 23 23-0232)		
40 05 23 23-0293 EA 1/2", 150#, Type 304 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	65.57 16.99	28.33
40 05 23 23-0294 EA 3/4", 150#, Type 304 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	86.22 22.47	37.51
40 05 23 23-0295 EA 1", 150#, Type 304 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	109.97 27.87	46.45
40 05 23 23-0296 EA 1-1/4", 150#, Type 304 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	158.66 38.71	64.57
40 05 23 23-0297 EA 1-1/2", 150#, Type 304 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	178.64 43.55	72.57
40 05 23 23-0298 EA 2", 150#, Type 304 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	233.65 58.06	96.73
40 05 23 23-0299 EA 2-1/2", 150#, Type 304 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	398.96 87.09	145.15
40 05 23 23-0300 EA 3", 150#, Type 304 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	511.43 112.38	187.30
40 05 23 23-0301 EA 4", 150#, Type 304 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	531.80 92.91	154.85
40 05 23 23-0302 150#, Type 304 Stainless Steel Threaded Couplings (40 05 23 23-0232)		
40 05 23 23-0303 EA 1/2", 150#, Type 304 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	40.33 11.24	18.70
40 05 23 23-0304 EA 3/4", 150#, Type 304 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	53.56 14.83	24.73
40 05 23 23-0305 EA 1", 150#, Type 304 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	69.06 18.83	31.36
40 05 23 23-0306 EA 1-1/4", 150#, Type 304 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	96.02 25.80	42.96
40 05 23 23-0307 EA 1-1/2", 150#, Type 304 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	112.86 30.29	50.51
40 05 23 23-0308 EA 2", 150#, Type 304 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	138.99 36.67	61.08
40 05 23 23-0309 EA 2-1/2", 150#, Type 304 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	230.31 58.06	96.73
40 05 23 23-0310 EA 3", 150#, Type 304 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	297.25 74.91	124.83
40 05 23 23-0311 EA 4", 150#, Type 304 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	383.53 92.90	154.79
40 05 23 23-0312 Type 316, Schedule 40 Stainless Steel Pipe And 150 LB Threaded Fittings (40 05 23 23-0231)		
40 05 23 23-0313 Type 316, Schedule 40 Stainless Steel Threaded Pipe (40 05 23 23-0312)		
40 05 23 23-0314 LF 1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	23.85 2.99	5.00
40 05 23 23-0315 LF 3/4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	28.14 3.75	6.28
40 05 23 23-0316 LF 1" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	35.65 4.49	7.54

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 23 23-0317	LF	1-1/4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	43.70	8.71
		<i>For Work In Restricted Working Space, Add</i>	5.24	
40 05 23 23-0318	LF	1-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	50.88	9.87
		<i>For Work In Restricted Working Space, Add</i>	5.96	
40 05 23 23-0319	LF	2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	65.74	12.54
		<i>For Work In Restricted Working Space, Add</i>	7.49	
40 05 23 23-0320	LF	2-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	90.65	14.87
		<i>For Work In Restricted Working Space, Add</i>	8.93	
40 05 23 23-0321	LF	3" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	118.57	18.70
		<i>For Work In Restricted Working Space, Add</i>	11.24	
40 05 23 23-0322	LF	4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	159.26	24.73
		<i>For Work In Restricted Working Space, Add</i>	14.83	
40 05 23 23-0323		150#, Type 316 Stainless Steel Threaded 90 Degree Elbows <small>(40 05 23 23-0312)</small>		
40 05 23 23-0324	EA	1/2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	41.60	18.70
		<i>For Work In Restricted Working Space, Add</i>	11.24	
40 05 23 23-0325	EA	3/4", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	55.39	24.73
		<i>For Work In Restricted Working Space, Add</i>	14.83	
40 05 23 23-0326	EA	1", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	70.26	31.36
		<i>For Work In Restricted Working Space, Add</i>	18.83	
40 05 23 23-0327	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	98.89	42.96
		<i>For Work In Restricted Working Space, Add</i>	25.80	
40 05 23 23-0328	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	118.14	50.51
		<i>For Work In Restricted Working Space, Add</i>	30.29	
40 05 23 23-0329	EA	2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	143.94	61.08
		<i>For Work In Restricted Working Space, Add</i>	36.67	
40 05 23 23-0330	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	241.21	96.73
		<i>For Work In Restricted Working Space, Add</i>	58.06	
40 05 23 23-0331	EA	3", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	315.31	124.83
		<i>For Work In Restricted Working Space, Add</i>	74.91	
40 05 23 23-0332	EA	4", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	430.21	154.79
		<i>For Work In Restricted Working Space, Add</i>	92.90	
40 05 23 23-0333		150#, Type 316 Stainless Steel Threaded 45 Degree Elbows <small>(40 05 23 23-0312)</small>		
40 05 23 23-0334	EA	1/2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	42.37	18.70
		<i>For Work In Restricted Working Space, Add</i>	11.24	
40 05 23 23-0335	EA	3/4", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	55.88	24.73
		<i>For Work In Restricted Working Space, Add</i>	14.83	
40 05 23 23-0336	EA	1", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	70.83	31.36
		<i>For Work In Restricted Working Space, Add</i>	18.83	
40 05 23 23-0337	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	98.73	42.96
		<i>For Work In Restricted Working Space, Add</i>	25.80	
40 05 23 23-0338	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	116.10	50.51
		<i>For Work In Restricted Working Space, Add</i>	30.29	
40 05 23 23-0339	EA	2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	143.37	61.08
		<i>For Work In Restricted Working Space, Add</i>	36.67	
40 05 23 23-0340	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	248.90	96.73
		<i>For Work In Restricted Working Space, Add</i>	58.06	
40 05 23 23-0341	EA	3", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	329.62	124.83
		<i>For Work In Restricted Working Space, Add</i>	74.91	
40 05 23 23-0342	EA	4", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	460.12	154.79
		<i>For Work In Restricted Working Space, Add</i>	92.90	
40 05 23 23-0343		150#, Type 316 Stainless Steel Threaded Tees <small>(40 05 23 23-0312)</small>		
40 05 23 23-0344	EA	1/2", 150#, Type 316 Stainless Steel Threaded Tee	61.98	28.33
		<i>For Work In Restricted Working Space, Add</i>	16.99	
40 05 23 23-0345	EA	3/4", 150#, Type 316 Stainless Steel Threaded Tee	82.80	37.51
		<i>For Work In Restricted Working Space, Add</i>	22.47	
40 05 23 23-0346	EA	1", 150#, Type 316 Stainless Steel Threaded Tee	102.78	46.45
		<i>For Work In Restricted Working Space, Add</i>	27.87	
40 05 23 23-0347	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded Tee	148.73	64.57
		<i>For Work In Restricted Working Space, Add</i>	38.71	
40 05 23 23-0348	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded Tee	169.06	72.57
		<i>For Work In Restricted Working Space, Add</i>	43.55	
40 05 23 23-0349	EA	2", 150#, Type 316 Stainless Steel Threaded Tee	224.31	96.73
		<i>For Work In Restricted Working Space, Add</i>	58.06	
40 05 23 23-0350	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded Tee	351.78	139.92
		<i>For Work In Restricted Working Space, Add</i>	83.94	
40 05 23 23-0351	EA	3", 150#, Type 316 Stainless Steel Threaded Tee	477.33	187.30
		<i>For Work In Restricted Working Space, Add</i>	112.37	
40 05 23 23-0352	EA	4", 150#, Type 316 Stainless Steel Threaded Tee	631.87	232.24
		<i>For Work In Restricted Working Space, Add</i>	139.34	
40 05 23 23-0353		150#, Type 316 Stainless Steel Threaded Reducers <small>(40 05 23 23-0312)</small>		
40 05 23 23-0354	EA	3/4", 150#, Type 316 Stainless Steel Threaded Reducer	54.29	24.73
		<i>For Work In Restricted Working Space, Add</i>	14.83	
40 05 23 23-0355	EA	1", 150#, Type 316 Stainless Steel Threaded Reducer	70.81	31.36
		<i>For Work In Restricted Working Space, Add</i>	18.83	
40 05 23 23-0356	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded Reducer	94.49	42.96
		<i>For Work In Restricted Working Space, Add</i>	25.80	
40 05 23 23-0357	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded Reducer	115.02	50.51
		<i>For Work In Restricted Working Space, Add</i>	30.29	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0358 EA 2", 150#, Type 316 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	145.90 36.67	61.08
40 05 23 23-0359 EA 2-1/2", 150#, Type 316 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	244.88 58.06	96.73
40 05 23 23-0360 EA 3", 150#, Type 316 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	319.59 74.91	124.83
40 05 23 23-0361 EA 4", 150#, Type 316 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	425.53 92.90	154.79
40 05 23 23-0362 150#, Type 316 Stainless Steel Threaded Caps <small>(40 05 23 23-0312)</small>		
40 05 23 23-0363 EA 1/2", 150#, Type 316 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	21.42 5.62	9.41
40 05 23 23-0364 EA 3/4", 150#, Type 316 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	28.05 7.49	12.54
40 05 23 23-0365 EA 1", 150#, Type 316 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	35.69 9.29	15.44
40 05 23 23-0366 EA 1-1/4", 150#, Type 316 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	53.12 13.15	21.95
40 05 23 23-0367 EA 1-1/2", 150#, Type 316 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	61.35 14.83	24.73
40 05 23 23-0368 EA 2", 150#, Type 316 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	78.03 18.83	31.36
40 05 23 23-0369 EA 2-1/2", 150#, Type 316 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	119.96 27.87	46.45
40 05 23 23-0370 EA 3", 150#, Type 316 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	157.68 36.67	61.08
40 05 23 23-0371 EA 4", 150#, Type 316 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	216.42 46.45	77.45
40 05 23 23-0372 150#, Type 316 Stainless Steel Threaded Unions <small>(40 05 23 23-0312)</small>		
40 05 23 23-0373 EA 1/2", 150#, Type 316 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	66.79 16.99	28.33
40 05 23 23-0374 EA 3/4", 150#, Type 316 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	90.85 22.47	37.51
40 05 23 23-0375 EA 1", 150#, Type 316 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	112.32 27.87	46.45
40 05 23 23-0376 EA 1-1/4", 150#, Type 316 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	162.64 38.71	64.57
40 05 23 23-0377 EA 1-1/2", 150#, Type 316 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	183.29 43.55	72.57
40 05 23 23-0378 EA 2", 150#, Type 316 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	239.03 58.06	96.73
40 05 23 23-0379 EA 2-1/2", 150#, Type 316 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	407.22 87.09	145.15
40 05 23 23-0380 EA 3", 150#, Type 316 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	537.16 112.38	187.30
40 05 23 23-0381 EA 4", 150#, Type 316 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	586.64 92.91	154.85
40 05 23 23-0382 150#, Type 316 Stainless Steel Threaded Couplings <small>(40 05 23 23-0312)</small>		
40 05 23 23-0383 EA 1/2", 150#, Type 316 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	42.27 11.24	18.70
40 05 23 23-0384 EA 3/4", 150#, Type 316 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	54.46 14.83	24.73
40 05 23 23-0385 EA 1", 150#, Type 316 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	69.92 18.83	31.36
40 05 23 23-0386 EA 1-1/4", 150#, Type 316 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	97.39 25.80	42.96
40 05 23 23-0387 EA 1-1/2", 150#, Type 316 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	114.49 30.29	50.51
40 05 23 23-0388 EA 2", 150#, Type 316 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	141.25 36.67	61.08
40 05 23 23-0389 EA 2-1/2", 150#, Type 316 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	238.22 58.06	96.73
40 05 23 23-0390 EA 3", 150#, Type 316 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	307.44 74.91	124.83
40 05 23 23-0391 EA 4", 150#, Type 316 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	398.82 92.90	154.79
40 05 23 23-0392 Type 304, Schedule 10 Stainless Steel Pipe And Butt Weld Fittings <small>(40 05 23 23-0231)</small>		
40 05 23 23-0393 Type 304, Schedule 10 Stainless Steel Pipe <small>(40 05 23 23-0392)</small>		
40 05 23 23-0394 LF 1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	21.51 2.93	4.87
40 05 23 23-0395 LF 3/4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	25.51 3.57	5.96
40 05 23 23-0396 LF 1" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	34.24 4.19	7.04
40 05 23 23-0397 LF 1-1/4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	41.71 5.24	8.77
40 05 23 23-0398 LF 1-1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	46.33 5.91	9.86

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 23 23-0399	LF	2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	57.30	12.24
		<i>For Work In Restricted Working Space, Add</i>	7.32	
40 05 23 23-0400	LF	2-1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	68.81	13.98
		<i>For Work In Restricted Working Space, Add</i>	8.36	
40 05 23 23-0401	LF	3" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	81.57	15.71
		<i>For Work In Restricted Working Space, Add</i>	9.42	
40 05 23 23-0402	LF	4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	102.97	18.63
		<i>For Work In Restricted Working Space, Add</i>	11.15	
40 05 23 23-0403	LF	6" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	151.52	24.48
		<i>For Work In Restricted Working Space, Add</i>	14.64	
40 05 23 23-0404	LF	8" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	248.83	42.74
		<i>For Work In Restricted Working Space, Add</i>	27.46	
40 05 23 23-0405	LF	10" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	322.19	46.99
		<i>For Work In Restricted Working Space, Add</i>	30.21	
40 05 23 23-0406	LF	12" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	387.94	52.25
		<i>For Work In Restricted Working Space, Add</i>	33.56	
40 05 23 23-0407	LF	14" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	480.45	58.73
		<i>For Work In Restricted Working Space, Add</i>	37.76	
40 05 23 23-0408	LF	16" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	527.61	67.13
		<i>For Work In Restricted Working Space, Add</i>	43.15	
40 05 23 23-0409	LF	18" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	589.34	78.31
		<i>For Work In Restricted Working Space, Add</i>	50.35	
40 05 23 23-0410	LF	20" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	826.73	93.98
		<i>For Work In Restricted Working Space, Add</i>	60.41	
40 05 23 23-0411	LF	24" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	1,081.12	117.47
		<i>For Work In Restricted Working Space, Add</i>	75.52	

40 05 23 23-0412 Type 304, Schedule 10 Stainless Steel Butt Weld 90 Degree Elbow (40 05 23 23-0392)

40 05 23 23-0413	EA	1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	128.71	55.57
		<i>For Work In Restricted Working Space, Add</i>	37.05	
40 05 23 23-0414	EA	3/4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	136.30	58.98
		<i>For Work In Restricted Working Space, Add</i>	39.32	
40 05 23 23-0415	EA	1", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	150.20	64.82
		<i>For Work In Restricted Working Space, Add</i>	43.22	
40 05 23 23-0416	EA	1-1/4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	163.93	70.65
		<i>For Work In Restricted Working Space, Add</i>	47.10	
40 05 23 23-0417	EA	1-1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	181.05	78.02
		<i>For Work In Restricted Working Space, Add</i>	52.01	
40 05 23 23-0418	EA	2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	202.40	86.80
		<i>For Work In Restricted Working Space, Add</i>	57.87	
40 05 23 23-0419	EA	2-1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	263.13	111.09
		<i>For Work In Restricted Working Space, Add</i>	74.06	
40 05 23 23-0420	EA	3", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	308.68	130.21
		<i>For Work In Restricted Working Space, Add</i>	86.81	
40 05 23 23-0421	EA	4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	377.93	155.84
		<i>For Work In Restricted Working Space, Add</i>	103.90	
40 05 23 23-0422	EA	6", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	517.32	194.68
		<i>For Work In Restricted Working Space, Add</i>	129.79	
40 05 23 23-0423	EA	8", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	874.62	323.65
		<i>For Work In Restricted Working Space, Add</i>	215.76	
40 05 23 23-0424	EA	10", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	1,292.32	431.52
		<i>For Work In Restricted Working Space, Add</i>	287.68	
40 05 23 23-0425	EA	12", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	1,952.06	647.29
		<i>For Work In Restricted Working Space, Add</i>	431.52	
40 05 23 23-0426	EA	14", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	2,308.58	755.17
		<i>For Work In Restricted Working Space, Add</i>	503.45	
40 05 23 23-0427	EA	16", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	2,712.61	861.41
		<i>For Work In Restricted Working Space, Add</i>	574.28	
40 05 23 23-0428	EA	18", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	3,428.70	1,078.82
		<i>For Work In Restricted Working Space, Add</i>	719.21	
40 05 23 23-0429	EA	20", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	4,779.99	1,510.33
		<i>For Work In Restricted Working Space, Add</i>	1,006.89	
40 05 23 23-0430	EA	24", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	6,862.28	2,157.62
		<i>For Work In Restricted Working Space, Add</i>	1,438.41	

40 05 23 23-0431 Type 304, Schedule 10 Stainless Steel Butt Weld 45 Degree Elbow (40 05 23 23-0392)

40 05 23 23-0432	EA	1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	130.24	55.57
		<i>For Work In Restricted Working Space, Add</i>	37.05	
40 05 23 23-0433	EA	3/4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	137.83	58.98
		<i>For Work In Restricted Working Space, Add</i>	39.32	
40 05 23 23-0434	EA	1", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	152.04	64.82
		<i>For Work In Restricted Working Space, Add</i>	43.22	
40 05 23 23-0435	EA	1-1/4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	166.38	70.65
		<i>For Work In Restricted Working Space, Add</i>	47.10	
40 05 23 23-0436	EA	1-1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	181.36	78.02
		<i>For Work In Restricted Working Space, Add</i>	52.01	
40 05 23 23-0437	EA	2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	202.40	86.80
		<i>For Work In Restricted Working Space, Add</i>	57.87	
40 05 23 23-0438	EA	2-1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	261.60	111.09
		<i>For Work In Restricted Working Space, Add</i>	74.06	
40 05 23 23-0439	EA	3", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	305.92	130.21
		<i>For Work In Restricted Working Space, Add</i>	86.81	
40 05 23 23-0440	EA	4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	372.72	155.84
		<i>For Work In Restricted Working Space, Add</i>	103.90	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0441 EA 6", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	490.01 129.79	194.68
40 05 23 23-0442 EA 8", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	821.94 215.76	323.65
40 05 23 23-0443 EA 10", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	1,198.54 287.68	431.52
40 05 23 23-0444 EA 12", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	1,803.59 431.52	647.29
40 05 23 23-0445 EA 14", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	2,126.35 503.45	755.17
40 05 23 23-0446 EA 16", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	2,487.70 574.28	861.41
40 05 23 23-0447 EA 18", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	3,133.35 719.21	1,078.82
40 05 23 23-0448 EA 20", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	4,381.46 1,006.89	1,510.33
40 05 23 23-0449 EA 24", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	6,296.93 1,438.41	2,157.62
40 05 23 23-0450 Type 304, Schedule 10 Stainless Steel Butt Weld Tee (40 05 23 23-0392)		
40 05 23 23-0451 EA 1/2", Type 304, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	173.85 47.09	70.63
40 05 23 23-0452 EA 3/4", Type 304, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	209.56 57.80	86.71
40 05 23 23-0453 EA 1", Type 304, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	233.37 64.95	97.42
40 05 23 23-0454 EA 1-1/4", Type 304, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	265.61 74.06	111.09
40 05 23 23-0455 EA 1-1/2", Type 304, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	281.89 79.50	119.25
40 05 23 23-0456 EA 2", Type 304, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	307.14 86.71	130.06
40 05 23 23-0457 EA 2-1/2", Type 304, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	397.42 103.90	155.84
40 05 23 23-0458 EA 3", Type 304, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	467.16 130.21	195.31
40 05 23 23-0459 EA 4", Type 304, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	536.81 146.13	219.20
40 05 23 23-0460 EA 6", Type 304, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	781.72 194.84	292.26
40 05 23 23-0461 EA 8", Type 304, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	1,270.78 287.68	431.52
40 05 23 23-0462 EA 10", Type 304, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	1,952.06 431.52	647.29
40 05 23 23-0463 EA 12", Type 304, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	2,511.50 539.41	809.10
40 05 23 23-0464 EA 14", Type 304, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	3,090.98 648.21	972.32
40 05 23 23-0465 EA 16", Type 304, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	3,743.69 790.75	1,186.13
40 05 23 23-0466 EA 18", Type 304, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	4,763.62 1,006.89	1,510.33
40 05 23 23-0467 EA 20", Type 304, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	6,372.43 1,324.86	1,987.29
40 05 23 23-0468 EA 24", Type 304, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	9,550.49 2,013.78	3,020.67
40 05 23 23-0469 Type 304, Schedule 10 Stainless Steel Butt Weld Reducing Tees (40 05 23 23-0392)		
40 05 23 23-0470 EA 3/4", Type 304, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	161.21 39.34	59.01
40 05 23 23-0471 EA 1", Type 304, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	190.76 48.21	72.32
40 05 23 23-0472 EA 1-1/4", Type 304, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	235.46 54.17	81.25
40 05 23 23-0473 EA 1-1/2", Type 304, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	243.57 61.75	92.62
40 05 23 23-0474 EA 2", Type 304, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	255.25 66.36	99.53
40 05 23 23-0475 EA 2-1/2", Type 304, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	333.39 72.31	108.46
40 05 23 23-0476 EA 3", Type 304, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	392.63 86.68	130.01
40 05 23 23-0477 EA 4", Type 304, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	483.84 108.33	162.50
40 05 23 23-0478 EA 6", Type 304, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	639.05 123.78	185.67
40 05 23 23-0479 EA 8", Type 304, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	1,198.47 179.80	269.70
40 05 23 23-0480 EA 10", Type 304, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	1,981.19 239.74	359.61
40 05 23 23-0481 EA 12", Type 304, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	2,829.10 359.60	539.40
40 05 23 23-0482 EA 14", Type 304, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	3,432.86 432.02	648.03
40 05 23 23-0483 EA 16", Type 304, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	4,252.36 526.98	790.48

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 23 23-0484	EA	18", Type 304, Schedule 10 Stainless Steel Reducing Tee.....	5,492.12	1,006.89
		<i>For Work In Restricted Working Space, Add</i>	671.26	
40 05 23 23-0485	EA	20", Type 304, Schedule 10 Stainless Steel Reducing Tee.....	7,817.93	1,324.86
		<i>For Work In Restricted Working Space, Add</i>	883.24	
40 05 23 23-0486	EA	24", Type 304, Schedule 10 Stainless Steel Reducing Tee.....	12,233.54	2,011.99
		<i>For Work In Restricted Working Space, Add</i>	1,341.33	

40 05 23 23-0487 Type 304, Schedule 10 Stainless Steel Butt Weld Reducers (40 05 23 23-0392)

40 05 23 23-0488	EA	3/4", Type 304, Schedule 10 Stainless Steel Concentric Reducer.....	129.68	53.66
		<i>For Work In Restricted Working Space, Add</i>	35.78	
40 05 23 23-0489	EA	1", Type 304, Schedule 10 Stainless Steel Concentric Reducer.....	142.84	58.48
		<i>For Work In Restricted Working Space, Add</i>	38.99	
40 05 23 23-0490	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Concentric Reducer.....	158.34	64.82
		<i>For Work In Restricted Working Space, Add</i>	43.22	
40 05 23 23-0491	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Concentric Reducer.....	168.36	70.65
		<i>For Work In Restricted Working Space, Add</i>	47.10	
40 05 23 23-0492	EA	2", Type 304, Schedule 10 Stainless Steel Concentric Reducer.....	183.51	78.02
		<i>For Work In Restricted Working Space, Add</i>	52.01	
40 05 23 23-0493	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Concentric Reducer.....	246.73	97.50
		<i>For Work In Restricted Working Space, Add</i>	65.00	
40 05 23 23-0494	EA	3", Type 304, Schedule 10 Stainless Steel Concentric Reducer.....	278.88	111.00
		<i>For Work In Restricted Working Space, Add</i>	74.00	
40 05 23 23-0495	EA	4", Type 304, Schedule 10 Stainless Steel Concentric Reducer.....	325.92	130.06
		<i>For Work In Restricted Working Space, Add</i>	86.71	
40 05 23 23-0496	EA	6", Type 304, Schedule 10 Stainless Steel Concentric Reducer.....	420.75	165.58
		<i>For Work In Restricted Working Space, Add</i>	110.39	
40 05 23 23-0497	EA	8", Type 304, Schedule 10 Stainless Steel Concentric Reducer.....	660.13	258.92
		<i>For Work In Restricted Working Space, Add</i>	172.61	
40 05 23 23-0498	EA	10", Type 304, Schedule 10 Stainless Steel Concentric Reducer.....	840.16	323.65
		<i>For Work In Restricted Working Space, Add</i>	215.76	
40 05 23 23-0499	EA	12", Type 304, Schedule 10 Stainless Steel Concentric Reducer.....	1,130.27	431.52
		<i>For Work In Restricted Working Space, Add</i>	287.68	
40 05 23 23-0500	EA	14", Type 304, Schedule 10 Stainless Steel Concentric Reducer.....	1,614.95	566.37
		<i>For Work In Restricted Working Space, Add</i>	377.58	
40 05 23 23-0501	EA	16", Type 304, Schedule 10 Stainless Steel Concentric Reducer.....	1,889.67	645.44
		<i>For Work In Restricted Working Space, Add</i>	430.29	
40 05 23 23-0502	EA	18", Type 304, Schedule 10 Stainless Steel Concentric Reducer.....	2,325.26	809.10
		<i>For Work In Restricted Working Space, Add</i>	539.41	
40 05 23 23-0503	EA	20", Type 304, Schedule 10 Stainless Steel Concentric Reducer.....	3,268.37	1,078.82
		<i>For Work In Restricted Working Space, Add</i>	719.21	
40 05 23 23-0504	EA	24", Type 304, Schedule 10 Stainless Steel Concentric Reducer.....	4,708.33	1,618.22
		<i>For Work In Restricted Working Space, Add</i>	1,078.81	
40 05 23 23-0505	EA	3/4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer.....	158.53	53.66
		<i>For Work In Restricted Working Space, Add</i>	35.78	
40 05 23 23-0506	EA	1", Type 304, Schedule 10 Stainless Steel Eccentric Reducer.....	164.01	58.48
		<i>For Work In Restricted Working Space, Add</i>	38.99	
40 05 23 23-0507	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer.....	172.85	64.82
		<i>For Work In Restricted Working Space, Add</i>	43.22	
40 05 23 23-0508	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer.....	194.75	70.65
		<i>For Work In Restricted Working Space, Add</i>	47.10	
40 05 23 23-0509	EA	2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer.....	202.53	78.02
		<i>For Work In Restricted Working Space, Add</i>	52.01	
40 05 23 23-0510	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer.....	267.60	97.50
		<i>For Work In Restricted Working Space, Add</i>	65.00	
40 05 23 23-0511	EA	3", Type 304, Schedule 10 Stainless Steel Eccentric Reducer.....	299.44	111.00
		<i>For Work In Restricted Working Space, Add</i>	74.00	
40 05 23 23-0512	EA	4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer.....	341.82	130.06
		<i>For Work In Restricted Working Space, Add</i>	86.71	
40 05 23 23-0513	EA	6", Type 304, Schedule 10 Stainless Steel Eccentric Reducer.....	478.13	165.58
		<i>For Work In Restricted Working Space, Add</i>	110.39	
40 05 23 23-0514	EA	8", Type 304, Schedule 10 Stainless Steel Eccentric Reducer.....	783.14	258.92
		<i>For Work In Restricted Working Space, Add</i>	172.61	
40 05 23 23-0515	EA	10", Type 304, Schedule 10 Stainless Steel Eccentric Reducer.....	1,080.09	323.65
		<i>For Work In Restricted Working Space, Add</i>	215.76	
40 05 23 23-0516	EA	12", Type 304, Schedule 10 Stainless Steel Eccentric Reducer.....	1,351.96	431.52
		<i>For Work In Restricted Working Space, Add</i>	287.68	
40 05 23 23-0517	EA	14", Type 304, Schedule 10 Stainless Steel Eccentric Reducer.....	2,126.37	566.37
		<i>For Work In Restricted Working Space, Add</i>	377.58	
40 05 23 23-0518	EA	16", Type 304, Schedule 10 Stainless Steel Eccentric Reducer.....	2,475.68	645.44
		<i>For Work In Restricted Working Space, Add</i>	430.29	
40 05 23 23-0519	EA	18", Type 304, Schedule 10 Stainless Steel Eccentric Reducer.....	3,040.46	809.10
		<i>For Work In Restricted Working Space, Add</i>	539.41	
40 05 23 23-0520	EA	20", Type 304, Schedule 10 Stainless Steel Eccentric Reducer.....	4,414.44	1,078.82
		<i>For Work In Restricted Working Space, Add</i>	719.21	
40 05 23 23-0521	EA	24", Type 304, Schedule 10 Stainless Steel Eccentric Reducer.....	6,227.24	1,618.22
		<i>For Work In Restricted Working Space, Add</i>	1,078.81	

40 05 23 23-0522 Type 304, Schedule 10 Stainless Steel Butt Weld Caps (40 05 23 23-0392)

40 05 23 23-0523	EA	1/2", Type 304, Schedule 10 Stainless Steel Cap.....	71.26	27.79
		<i>For Work In Restricted Working Space, Add</i>	18.53	
40 05 23 23-0524	EA	3/4", Type 304, Schedule 10 Stainless Steel Cap.....	78.43	29.49
		<i>For Work In Restricted Working Space, Add</i>	19.66	
40 05 23 23-0525	EA	1", Type 304, Schedule 10 Stainless Steel Cap.....	86.14	32.42
		<i>For Work In Restricted Working Space, Add</i>	21.61	
40 05 23 23-0526	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Cap.....	94.92	35.33
		<i>For Work In Restricted Working Space, Add</i>	23.55	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0527 EA 1-1/2", Type 304, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	101.74 26.01	39.01
40 05 23 23-0528 EA 2", Type 304, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	109.64 28.94	43.40
40 05 23 23-0529 EA 2-1/2", Type 304, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	142.47 37.04	55.55
40 05 23 23-0530 EA 3", Type 304, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	160.93 43.40	65.11
40 05 23 23-0531 EA 4", Type 304, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	194.03 51.95	77.92
40 05 23 23-0532 EA 6", Type 304, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	250.72 65.00	97.50
40 05 23 23-0533 EA 8", Type 304, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	420.92 107.88	161.81
40 05 23 23-0534 EA 10", Type 304, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	560.48 143.84	215.76
40 05 23 23-0535 EA 12", Type 304, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	824.76 215.76	323.64
40 05 23 23-0536 EA 14", Type 304, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	968.44 251.72	377.59
40 05 23 23-0537 EA 16", Type 304, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	1,123.97 287.14	430.70
40 05 23 23-0538 EA 18", Type 304, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	1,420.30 359.60	539.40
40 05 23 23-0539 EA 20", Type 304, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	1,959.93 503.45	755.17
40 05 23 23-0540 EA 24", Type 304, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	2,893.87 719.21	1,078.80
40 05 23 23-0541 Type 304, Schedule 40 Stainless Steel Pipe And Butt Weld Fittings (40 05 23 23-0231)		
40 05 23 23-0542 Type 304, Schedule 40 Stainless Steel Pipe (40 05 23 23-0541)		
40 05 23 23-0543 LF 1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	24.40 2.93	4.87
40 05 23 23-0544 LF 3/4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	29.61 3.57	5.96
40 05 23 23-0545 LF 1" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	36.45 4.19	7.04
40 05 23 23-0546 LF 1-1/4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	45.56 5.24	8.67
40 05 23 23-0547 LF 1-1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	52.59 5.91	9.75
40 05 23 23-0548 LF 2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	67.62 7.32	12.46
40 05 23 23-0549 LF 2-1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	84.54 8.36	14.08
40 05 23 23-0550 LF 3" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	81.29 9.42	15.71
40 05 23 23-0551 LF 4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	138.04 11.15	18.42
40 05 23 23-0552 LF 6" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	217.33 14.64	24.37
40 05 23 23-0553 LF 8" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	380.45 27.46	42.51
40 05 23 23-0554 LF 10" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	485.90 30.21	46.99
40 05 23 23-0555 LF 12" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	609.43 33.56	52.02
40 05 23 23-0556 Type 304, Schedule 40 Stainless Steel Butt Weld 90 Degree Elbows (40 05 23 23-0541)		
40 05 23 23-0557 EA 1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	129.93 37.05	55.57
40 05 23 23-0558 EA 3/4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	137.52 39.32	58.98
40 05 23 23-0559 EA 1", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	151.12 43.22	64.82
40 05 23 23-0560 EA 1-1/4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	164.60 47.10	70.65
40 05 23 23-0561 EA 1-1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	181.66 52.01	78.02
40 05 23 23-0562 EA 2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	204.55 57.87	86.80
40 05 23 23-0563 EA 2-1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	271.11 74.06	111.09
40 05 23 23-0564 EA 3", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	320.34 86.81	130.21
40 05 23 23-0565 EA 4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	397.57 103.90	155.84
40 05 23 23-0566 EA 6", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	642.81 129.79	194.68
40 05 23 23-0567 EA 8", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	1,045.63 215.76	323.65
40 05 23 23-0568 EA 10", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	1,639.28 287.68	431.52

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 23 23-0569	EA 12", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	2,402.07	647.29
	<i>For Work In Restricted Working Space, Add</i>	431.52	
40 05 23 23-0570	EA 14", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	2,854.52	755.17
	<i>For Work In Restricted Working Space, Add</i>	503.45	
40 05 23 23-0571	EA 16", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	3,413.94	861.41
	<i>For Work In Restricted Working Space, Add</i>	574.28	
40 05 23 23-0572	EA 18", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	4,403.18	1,078.82
	<i>For Work In Restricted Working Space, Add</i>	719.21	
40 05 23 23-0573	EA 20", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	5,982.77	1,510.33
	<i>For Work In Restricted Working Space, Add</i>	1,006.89	
40 05 23 23-0574	EA 24", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	8,578.24	2,157.62
	<i>For Work In Restricted Working Space, Add</i>	1,438.41	

40 05 23 23-0575 Type 304, Schedule 40 Stainless Steel Butt Weld 45 Degree Elbows (40 05 23 23-0541)

40 05 23 23-0576	EA 1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	132.08	55.57
	<i>For Work In Restricted Working Space, Add</i>	37.05	
40 05 23 23-0577	EA 3/4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	139.67	58.98
	<i>For Work In Restricted Working Space, Add</i>	39.32	
40 05 23 23-0578	EA 1", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	152.65	64.82
	<i>For Work In Restricted Working Space, Add</i>	43.22	
40 05 23 23-0579	EA 1-1/4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	166.16	70.65
	<i>For Work In Restricted Working Space, Add</i>	47.10	
40 05 23 23-0580	EA 1-1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	183.20	78.02
	<i>For Work In Restricted Working Space, Add</i>	52.01	
40 05 23 23-0581	EA 2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	204.88	86.80
	<i>For Work In Restricted Working Space, Add</i>	57.87	
40 05 23 23-0582	EA 2-1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	271.11	111.09
	<i>For Work In Restricted Working Space, Add</i>	74.06	
40 05 23 23-0583	EA 3", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	311.75	130.21
	<i>For Work In Restricted Working Space, Add</i>	86.81	
40 05 23 23-0584	EA 4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	402.17	155.84
	<i>For Work In Restricted Working Space, Add</i>	103.90	
40 05 23 23-0585	EA 6", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	538.18	194.68
	<i>For Work In Restricted Working Space, Add</i>	129.79	
40 05 23 23-0586	EA 8", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	935.93	323.65
	<i>For Work In Restricted Working Space, Add</i>	215.76	
40 05 23 23-0587	EA 10", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	1,365.23	431.52
	<i>For Work In Restricted Working Space, Add</i>	287.68	
40 05 23 23-0588	EA 12", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	1,997.80	647.29
	<i>For Work In Restricted Working Space, Add</i>	431.52	
40 05 23 23-0589	EA 14", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	2,263.31	755.17
	<i>For Work In Restricted Working Space, Add</i>	503.45	
40 05 23 23-0590	EA 16", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	2,710.03	861.41
	<i>For Work In Restricted Working Space, Add</i>	574.28	
40 05 23 23-0591	EA 18", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	3,421.16	1,078.82
	<i>For Work In Restricted Working Space, Add</i>	719.21	
40 05 23 23-0592	EA 20", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	4,657.67	1,510.33
	<i>For Work In Restricted Working Space, Add</i>	1,006.89	
40 05 23 23-0593	EA 24", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	6,765.93	2,157.62
	<i>For Work In Restricted Working Space, Add</i>	1,438.41	

40 05 23 23-0594 Type 304, Schedule 40 Stainless Steel Butt Weld Tees (40 05 23 23-0541)

40 05 23 23-0595	EA 1/2", Type 304, Schedule 40 Stainless Steel Tee	175.07	70.63
	<i>For Work In Restricted Working Space, Add</i>	47.09	
40 05 23 23-0596	EA 3/4", Type 304, Schedule 40 Stainless Steel Tee	210.78	86.71
	<i>For Work In Restricted Working Space, Add</i>	57.80	
40 05 23 23-0597	EA 1", Type 304, Schedule 40 Stainless Steel Tee	234.59	97.42
	<i>For Work In Restricted Working Space, Add</i>	64.95	
40 05 23 23-0598	EA 1-1/4", Type 304, Schedule 40 Stainless Steel Tee	268.74	111.09
	<i>For Work In Restricted Working Space, Add</i>	74.06	
40 05 23 23-0599	EA 1-1/2", Type 304, Schedule 40 Stainless Steel Tee	283.11	119.25
	<i>For Work In Restricted Working Space, Add</i>	79.50	
40 05 23 23-0600	EA 2", Type 304, Schedule 40 Stainless Steel Tee	308.68	130.06
	<i>For Work In Restricted Working Space, Add</i>	86.71	
40 05 23 23-0601	EA 2-1/2", Type 304, Schedule 40 Stainless Steel Tee	401.56	155.84
	<i>For Work In Restricted Working Space, Add</i>	103.90	
40 05 23 23-0602	EA 3", Type 304, Schedule 40 Stainless Steel Tee	473.60	195.31
	<i>For Work In Restricted Working Space, Add</i>	130.21	
40 05 23 23-0603	EA 4", Type 304, Schedule 40 Stainless Steel Tee	543.87	219.20
	<i>For Work In Restricted Working Space, Add</i>	146.13	
40 05 23 23-0604	EA 6", Type 304, Schedule 40 Stainless Steel Tee	830.50	292.26
	<i>For Work In Restricted Working Space, Add</i>	194.84	
40 05 23 23-0605	EA 8", Type 304, Schedule 40 Stainless Steel Tee	1,415.59	431.52
	<i>For Work In Restricted Working Space, Add</i>	287.68	
40 05 23 23-0606	EA 10", Type 304, Schedule 40 Stainless Steel Tee	2,396.46	647.29
	<i>For Work In Restricted Working Space, Add</i>	431.52	
40 05 23 23-0607	EA 12", Type 304, Schedule 40 Stainless Steel Tee	2,980.08	809.10
	<i>For Work In Restricted Working Space, Add</i>	539.41	
40 05 23 23-0608	EA 14", Type 304, Schedule 40 Stainless Steel Tee	4,035.18	972.32
	<i>For Work In Restricted Working Space, Add</i>	648.21	
40 05 23 23-0609	EA 16", Type 304, Schedule 40 Stainless Steel Tee	5,122.17	1,186.13
	<i>For Work In Restricted Working Space, Add</i>	790.75	
40 05 23 23-0610	EA 18", Type 304, Schedule 40 Stainless Steel Tee	6,635.26	1,510.33
	<i>For Work In Restricted Working Space, Add</i>	1,006.89	
40 05 23 23-0611	EA 20", Type 304, Schedule 40 Stainless Steel Tee	8,567.81	1,987.29
	<i>For Work In Restricted Working Space, Add</i>	1,324.86	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0612 EA 24", Type 304, Schedule 40 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	13,116.07 2,013.78	3,020.67
40 05 23 23-0613 Type 304, Schedule 40 Stainless Steel Butt Weld Reducing Tees <small>(40 05 23 23-0541)</small>		
40 05 23 23-0614 EA 3/4", Type 304, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	165.20 39.34	59.01
40 05 23 23-0615 EA 1", Type 304, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	194.75 48.21	72.32
40 05 23 23-0616 EA 1-1/4", Type 304, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	254.65 54.17	81.25
40 05 23 23-0617 EA 1-1/2", Type 304, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	249.40 61.75	92.62
40 05 23 23-0618 EA 2", Type 304, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	255.25 66.36	99.53
40 05 23 23-0619 EA 2-1/2", Type 304, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	313.78 72.31	108.46
40 05 23 23-0620 EA 3", Type 304, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	349.37 86.68	130.01
40 05 23 23-0621 EA 4", Type 304, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	461.13 108.33	162.50
40 05 23 23-0622 EA 6", Type 304, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	642.73 123.78	185.67
40 05 23 23-0623 EA 8", Type 304, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	1,068.24 179.80	269.70
40 05 23 23-0624 EA 10", Type 304, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	2,021.94 239.74	359.61
40 05 23 23-0625 EA 12", Type 304, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	2,910.63 359.60	539.40
40 05 23 23-0626 EA 14", Type 304, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	3,318.48 432.02	648.03
40 05 23 23-0627 EA 16", Type 304, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	4,109.11 526.98	790.48
40 05 23 23-0628 EA 18", Type 304, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	5,305.31 671.26	1,006.89
40 05 23 23-0629 EA 20", Type 304, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	7,538.18 883.24	1,324.86
40 05 23 23-0630 EA 24", Type 304, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	11,787.99 1,341.33	2,011.99
40 05 23 23-0631 Type 304, Schedule 40 Stainless Steel Butt Weld Reducers <small>(40 05 23 23-0541)</small>		
40 05 23 23-0632 EA 3/4", Type 304, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	132.75 35.78	53.66
40 05 23 23-0633 EA 1", Type 304, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	145.91 38.99	58.48
40 05 23 23-0634 EA 1-1/4", Type 304, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	158.57 43.22	64.82
40 05 23 23-0635 EA 1-1/2", Type 304, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	171.43 47.10	70.65
40 05 23 23-0636 EA 2", Type 304, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	185.35 52.01	78.02
40 05 23 23-0637 EA 2-1/2", Type 304, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	246.73 65.00	97.50
40 05 23 23-0638 EA 3", Type 304, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	267.83 74.00	111.00
40 05 23 23-0639 EA 4", Type 304, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	310.21 86.71	130.06
40 05 23 23-0640 EA 6", Type 304, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	423.20 110.39	165.58
40 05 23 23-0641 EA 8", Type 304, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	712.24 172.61	258.92
40 05 23 23-0642 EA 10", Type 304, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	929.64 215.76	323.65
40 05 23 23-0643 EA 12", Type 304, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	1,210.13 287.68	431.52
40 05 23 23-0644 EA 14", Type 304, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	1,794.16 377.58	566.37
40 05 23 23-0645 EA 16", Type 304, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	2,114.97 430.29	645.44
40 05 23 23-0646 EA 18", Type 304, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	2,781.49 539.41	809.10
40 05 23 23-0647 EA 20", Type 304, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	3,806.52 719.21	1,078.82
40 05 23 23-0648 EA 24", Type 304, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	5,265.64 1,078.81	1,618.22
40 05 23 23-0649 EA 3/4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	159.77 35.78	53.66
40 05 23 23-0650 EA 1", Type 304, Schedule 40 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	170.45 38.99	58.48
40 05 23 23-0651 EA 1-1/4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	194.94 43.22	64.82
40 05 23 23-0652 EA 1-1/2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	206.10 47.10	70.65
40 05 23 23-0653 EA 2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	220.02 52.01	78.02
40 05 23 23-0654 EA 2-1/2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	267.60 65.00	97.50

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 23 23-0655	EA	3", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	337.48	111.00
		<i>For Work In Restricted Working Space, Add</i>	74.00	
40 05 23 23-0656	EA	4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	367.59	130.06
		<i>For Work In Restricted Working Space, Add</i>	86.71	
40 05 23 23-0657	EA	6", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	503.59	165.58
		<i>For Work In Restricted Working Space, Add</i>	110.39	
40 05 23 23-0658	EA	8", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	785.80	258.92
		<i>For Work In Restricted Working Space, Add</i>	172.61	
40 05 23 23-0659	EA	10", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	1,077.77	323.65
		<i>For Work In Restricted Working Space, Add</i>	215.76	
40 05 23 23-0660	EA	12", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	1,472.59	431.52
		<i>For Work In Restricted Working Space, Add</i>	287.68	
40 05 23 23-0661	EA	14", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	2,437.48	566.37
		<i>For Work In Restricted Working Space, Add</i>	377.58	
40 05 23 23-0662	EA	16", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	2,764.24	645.44
		<i>For Work In Restricted Working Space, Add</i>	430.29	
40 05 23 23-0663	EA	18", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	3,621.47	809.10
		<i>For Work In Restricted Working Space, Add</i>	539.41	
40 05 23 23-0664	EA	20", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	4,701.18	1,078.82
		<i>For Work In Restricted Working Space, Add</i>	719.21	
40 05 23 23-0665	EA	24", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	7,498.16	1,618.22
		<i>For Work In Restricted Working Space, Add</i>	1,078.81	

40 05 23 23-0666 Type 304, Schedule 40 Stainless Steel Butt Weld Caps (40 05 23 23-0541)

40 05 23 23-0667	EA	1/2", Type 304, Schedule 40 Stainless Steel Cap	72.18	27.79
		<i>For Work In Restricted Working Space, Add</i>	18.53	
40 05 23 23-0668	EA	3/4", Type 304, Schedule 40 Stainless Steel Cap	77.51	29.49
		<i>For Work In Restricted Working Space, Add</i>	19.66	
40 05 23 23-0669	EA	1", Type 304, Schedule 40 Stainless Steel Cap	87.07	32.42
		<i>For Work In Restricted Working Space, Add</i>	21.61	
40 05 23 23-0670	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Cap	99.02	35.33
		<i>For Work In Restricted Working Space, Add</i>	23.55	
40 05 23 23-0671	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Cap	105.72	39.01
		<i>For Work In Restricted Working Space, Add</i>	26.01	
40 05 23 23-0672	EA	2", Type 304, Schedule 40 Stainless Steel Cap	109.34	43.40
		<i>For Work In Restricted Working Space, Add</i>	28.94	
40 05 23 23-0673	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Cap	140.41	55.55
		<i>For Work In Restricted Working Space, Add</i>	37.04	
40 05 23 23-0674	EA	3", Type 304, Schedule 40 Stainless Steel Cap	162.16	65.11
		<i>For Work In Restricted Working Space, Add</i>	43.40	
40 05 23 23-0675	EA	4", Type 304, Schedule 40 Stainless Steel Cap	197.72	77.92
		<i>For Work In Restricted Working Space, Add</i>	51.95	
40 05 23 23-0676	EA	6", Type 304, Schedule 40 Stainless Steel Cap	273.43	97.50
		<i>For Work In Restricted Working Space, Add</i>	65.00	
40 05 23 23-0677	EA	8", Type 304, Schedule 40 Stainless Steel Cap	457.38	161.81
		<i>For Work In Restricted Working Space, Add</i>	107.88	
40 05 23 23-0678	EA	10", Type 304, Schedule 40 Stainless Steel Cap	612.02	215.76
		<i>For Work In Restricted Working Space, Add</i>	143.84	
40 05 23 23-0679	EA	12", Type 304, Schedule 40 Stainless Steel Cap	923.01	323.64
		<i>For Work In Restricted Working Space, Add</i>	215.76	
40 05 23 23-0680	EA	14", Type 304, Schedule 40 Stainless Steel Cap	1,058.44	377.59
		<i>For Work In Restricted Working Space, Add</i>	251.72	
40 05 23 23-0681	EA	16", Type 304, Schedule 40 Stainless Steel Cap	1,247.78	430.70
		<i>For Work In Restricted Working Space, Add</i>	287.14	
40 05 23 23-0682	EA	18", Type 304, Schedule 40 Stainless Steel Cap	1,567.03	539.40
		<i>For Work In Restricted Working Space, Add</i>	359.60	
40 05 23 23-0683	EA	20", Type 304, Schedule 40 Stainless Steel Cap	2,155.61	755.17
		<i>For Work In Restricted Working Space, Add</i>	503.45	
40 05 23 23-0684	EA	24", Type 304, Schedule 40 Stainless Steel Cap	3,221.03	1,078.80
		<i>For Work In Restricted Working Space, Add</i>	719.21	

40 05 23 23-0685 Type 316, Schedule 10 Stainless Steel Pipe And Butt Weld Fittings (40 05 23 23-0231)**40 05 23 23-0686 Type 316, Schedule 10 Stainless Steel Pipe (40 05 23 23-0685)**

40 05 23 23-0687	LF	1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	25.18	4.87
		<i>For Work In Restricted Working Space, Add</i>	2.93	
40 05 23 23-0688	LF	3/4" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	29.76	5.96
		<i>For Work In Restricted Working Space, Add</i>	3.57	
40 05 23 23-0689	LF	1" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	40.57	7.04
		<i>For Work In Restricted Working Space, Add</i>	4.19	
40 05 23 23-0690	LF	1-1/4" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	49.27	8.77
		<i>For Work In Restricted Working Space, Add</i>	5.24	
40 05 23 23-0691	LF	1-1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	54.65	9.86
		<i>For Work In Restricted Working Space, Add</i>	5.91	
40 05 23 23-0692	LF	2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	67.58	12.24
		<i>For Work In Restricted Working Space, Add</i>	7.32	
40 05 23 23-0693	LF	2-1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	81.59	13.98
		<i>For Work In Restricted Working Space, Add</i>	8.36	
40 05 23 23-0694	LF	3" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	97.23	15.71
		<i>For Work In Restricted Working Space, Add</i>	9.42	
40 05 23 23-0695	LF	4" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	123.52	18.63
		<i>For Work In Restricted Working Space, Add</i>	11.15	
40 05 23 23-0696	LF	6" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	183.60	24.48
		<i>For Work In Restricted Working Space, Add</i>	14.64	
40 05 23 23-0697	LF	8" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	297.96	42.74
		<i>For Work In Restricted Working Space, Add</i>	27.46	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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40 05 23 23-0698 LF 10" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	391.36 30.21	46.99
40 05 23 23-0699 LF 12" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	474.15 33.56	52.25
40 05 23 23-0700 LF 14" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	591.19 37.76	58.73
40 05 23 23-0701 LF 16" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	647.45 43.15	67.13
40 05 23 23-0702 LF 18" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	720.98 50.35	78.31
40 05 23 23-0703 LF 20" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	1,022.03 60.41	93.98
40 05 23 23-0704 LF 24" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	1,340.14 75.52	117.47

40 05 23 23-0705 Type 316, Schedule 10 Stainless Steel Butt Weld 90 Degree Elbows (40 05 23 23-0695)

40 05 23 23-0706 EA 1/2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	130.24 37.05	55.57
40 05 23 23-0707 EA 3/4", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	137.83 39.32	58.98
40 05 23 23-0708 EA 1", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	152.04 43.22	64.82
40 05 23 23-0709 EA 1-1/4", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	166.61 47.10	70.65
40 05 23 23-0710 EA 1-1/2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	182.89 52.01	78.02
40 05 23 23-0711 EA 2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	204.55 57.87	86.80
40 05 23 23-0712 EA 2-1/2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	267.12 74.06	111.09
40 05 23 23-0713 EA 3", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	314.51 86.81	130.21
40 05 23 23-0714 EA 4", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	386.83 103.90	155.84
40 05 23 23-0715 EA 6", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	540.64 129.79	194.68
40 05 23 23-0716 EA 8", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	918.04 215.76	323.65
40 05 23 23-0717 EA 10", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	1,392.71 287.68	431.52
40 05 23 23-0718 EA 12", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	2,088.93 431.52	647.29
40 05 23 23-0719 EA 14", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	2,437.38 503.45	755.17
40 05 23 23-0720 EA 16", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	2,916.33 574.28	861.41
40 05 23 23-0721 EA 18", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	3,672.99 719.21	1,078.82
40 05 23 23-0722 EA 20", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	5,128.95 1,006.89	1,510.33
40 05 23 23-0723 EA 24", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	7,380.81 1,438.41	2,157.62

40 05 23 23-0724 Type 316, Schedule 10 Stainless Steel Butt Weld 45 Degree Elbows (40 05 23 23-0695)

40 05 23 23-0725 EA 1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	132.08 37.05	55.57
40 05 23 23-0726 EA 3/4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	139.67 39.32	58.98
40 05 23 23-0727 EA 1", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	153.88 43.22	64.82
40 05 23 23-0728 EA 1-1/4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	169.06 47.10	70.65
40 05 23 23-0729 EA 1-1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	182.89 52.01	78.02
40 05 23 23-0730 EA 2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	204.55 57.87	86.80
40 05 23 23-0731 EA 2-1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	265.28 74.06	111.09
40 05 23 23-0732 EA 3", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	311.75 86.81	130.21
40 05 23 23-0733 EA 4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	380.39 103.90	155.84
40 05 23 23-0734 EA 6", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	502.59 129.79	194.68
40 05 23 23-0735 EA 8", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	849.77 215.76	323.65
40 05 23 23-0736 EA 10", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	1,365.23 287.68	431.52
40 05 23 23-0737 EA 12", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	1,997.80 431.52	647.29
40 05 23 23-0738 EA 14", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	2,351.98 503.45	755.17
40 05 23 23-0739 EA 16", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	2,759.76 574.28	861.41

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 23 23-0740	EA	18", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	3,488.61	1,078.82
		<i>For Work In Restricted Working Space, Add</i>	719.21	
40 05 23 23-0741	EA	20", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	4,963.29	1,510.33
		<i>For Work In Restricted Working Space, Add</i>	1,006.89	
40 05 23 23-0742	EA	24", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	7,160.16	2,157.62
		<i>For Work In Restricted Working Space, Add</i>	1,438.41	

40 05 23 23-0743 Type 316, Schedule 10 Stainless Steel Butt Weld Tees (40 05 23 23-0685)

40 05 23 23-0744	EA	1/2", Type 316, Schedule 10 Stainless Steel Tee	177.83	70.63
		<i>For Work In Restricted Working Space, Add</i>	47.09	
40 05 23 23-0745	EA	3/4", Type 316, Schedule 10 Stainless Steel Tee	213.54	86.71
		<i>For Work In Restricted Working Space, Add</i>	57.80	
40 05 23 23-0746	EA	1", Type 316, Schedule 10 Stainless Steel Tee	237.35	97.42
		<i>For Work In Restricted Working Space, Add</i>	64.95	
40 05 23 23-0747	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Tee	272.98	111.09
		<i>For Work In Restricted Working Space, Add</i>	74.06	
40 05 23 23-0748	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Tee	287.72	119.25
		<i>For Work In Restricted Working Space, Add</i>	79.50	
40 05 23 23-0749	EA	2", Type 316, Schedule 10 Stainless Steel Tee	312.36	130.06
		<i>For Work In Restricted Working Space, Add</i>	86.71	
40 05 23 23-0750	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Tee	380.70	155.84
		<i>For Work In Restricted Working Space, Add</i>	103.90	
40 05 23 23-0751	EA	3", Type 316, Schedule 10 Stainless Steel Tee	477.28	195.31
		<i>For Work In Restricted Working Space, Add</i>	130.21	
40 05 23 23-0752	EA	4", Type 316, Schedule 10 Stainless Steel Tee	550.62	219.20
		<i>For Work In Restricted Working Space, Add</i>	146.13	
40 05 23 23-0753	EA	6", Type 316, Schedule 10 Stainless Steel Tee	821.30	292.26
		<i>For Work In Restricted Working Space, Add</i>	194.84	
40 05 23 23-0754	EA	8", Type 316, Schedule 10 Stainless Steel Tee	1,374.82	431.52
		<i>For Work In Restricted Working Space, Add</i>	287.68	
40 05 23 23-0755	EA	10", Type 316, Schedule 10 Stainless Steel Tee	2,151.89	647.29
		<i>For Work In Restricted Working Space, Add</i>	431.52	
40 05 23 23-0756	EA	12", Type 316, Schedule 10 Stainless Steel Tee	2,776.26	809.10
		<i>For Work In Restricted Working Space, Add</i>	539.41	
40 05 23 23-0757	EA	14", Type 316, Schedule 10 Stainless Steel Tee	3,581.91	972.32
		<i>For Work In Restricted Working Space, Add</i>	648.21	
40 05 23 23-0758	EA	16", Type 316, Schedule 10 Stainless Steel Tee	4,219.12	1,186.13
		<i>For Work In Restricted Working Space, Add</i>	790.75	
40 05 23 23-0759	EA	18", Type 316, Schedule 10 Stainless Steel Tee	5,361.82	1,510.33
		<i>For Work In Restricted Working Space, Add</i>	1,006.89	
40 05 23 23-0760	EA	20", Type 316, Schedule 10 Stainless Steel Tee	7,244.77	1,987.29
		<i>For Work In Restricted Working Space, Add</i>	1,324.86	
40 05 23 23-0761	EA	24", Type 316, Schedule 10 Stainless Steel Tee	10,315.59	3,020.67
		<i>For Work In Restricted Working Space, Add</i>	2,013.78	

40 05 23 23-0762 Type 316, Schedule 10 Stainless Steel Butt Weld Reducing Tees (40 05 23 23-0685)

40 05 23 23-0763	EA	3/4", Type 316, Schedule 10 Stainless Steel Reducing Tee	170.72	59.01
		<i>For Work In Restricted Working Space, Add</i>	39.34	
40 05 23 23-0764	EA	1", Type 316, Schedule 10 Stainless Steel Reducing Tee	202.11	72.32
		<i>For Work In Restricted Working Space, Add</i>	48.21	
40 05 23 23-0765	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Reducing Tee	249.29	81.25
		<i>For Work In Restricted Working Space, Add</i>	54.17	
40 05 23 23-0766	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Reducing Tee	253.08	92.62
		<i>For Work In Restricted Working Space, Add</i>	61.75	
40 05 23 23-0767	EA	2", Type 316, Schedule 10 Stainless Steel Reducing Tee	268.44	99.53
		<i>For Work In Restricted Working Space, Add</i>	66.36	
40 05 23 23-0768	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Reducing Tee	373.28	108.46
		<i>For Work In Restricted Working Space, Add</i>	72.31	
40 05 23 23-0769	EA	3", Type 316, Schedule 10 Stainless Steel Reducing Tee	356.73	130.01
		<i>For Work In Restricted Working Space, Add</i>	86.68	
40 05 23 23-0770	EA	4", Type 316, Schedule 10 Stainless Steel Reducing Tee	483.84	162.50
		<i>For Work In Restricted Working Space, Add</i>	108.33	
40 05 23 23-0771	EA	6", Type 316, Schedule 10 Stainless Steel Reducing Tee	695.81	185.67
		<i>For Work In Restricted Working Space, Add</i>	123.78	
40 05 23 23-0772	EA	8", Type 316, Schedule 10 Stainless Steel Reducing Tee	1,363.51	269.70
		<i>For Work In Restricted Working Space, Add</i>	179.80	
40 05 23 23-0773	EA	10", Type 316, Schedule 10 Stainless Steel Reducing Tee	2,531.62	359.61
		<i>For Work In Restricted Working Space, Add</i>	239.74	
40 05 23 23-0774	EA	12", Type 316, Schedule 10 Stainless Steel Reducing Tee	3,298.01	539.40
		<i>For Work In Restricted Working Space, Add</i>	359.60	
40 05 23 23-0775	EA	14", Type 316, Schedule 10 Stainless Steel Reducing Tee	3,743.53	648.03
		<i>For Work In Restricted Working Space, Add</i>	432.02	
40 05 23 23-0776	EA	16", Type 316, Schedule 10 Stainless Steel Reducing Tee	4,641.44	790.48
		<i>For Work In Restricted Working Space, Add</i>	526.98	
40 05 23 23-0777	EA	18", Type 316, Schedule 10 Stainless Steel Reducing Tee	5,999.50	1,006.89
		<i>For Work In Restricted Working Space, Add</i>	671.26	
40 05 23 23-0778	EA	20", Type 316, Schedule 10 Stainless Steel Reducing Tee	8,577.73	1,324.86
		<i>For Work In Restricted Working Space, Add</i>	883.24	
40 05 23 23-0779	EA	24", Type 316, Schedule 10 Stainless Steel Reducing Tee	13,443.67	2,011.99
		<i>For Work In Restricted Working Space, Add</i>	1,341.33	

40 05 23 23-0780 Type 316, Schedule 10 Stainless Steel Butt Weld Reducers (40 05 23 23-0685)

40 05 23 23-0781	EA	3/4", Type 316, Schedule 10 Stainless Steel Concentric Reducer	132.44	53.66
		<i>For Work In Restricted Working Space, Add</i>	35.78	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0782 EA 1", Type 316, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	146.21 38.99	58.48
40 05 23 23-0783 EA 1-1/4", Type 316, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	163.25 43.22	64.82
40 05 23 23-0784 EA 1-1/2", Type 316, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	170.51 47.10	70.65
40 05 23 23-0785 EA 2", Type 316, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	185.35 52.01	78.02
40 05 23 23-0786 EA 2-1/2", Type 316, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	245.45 65.00	97.50
40 05 23 23-0787 EA 3", Type 316, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	286.24 74.00	111.00
40 05 23 23-0788 EA 4", Type 316, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	312.40 86.71	130.06
40 05 23 23-0789 EA 6", Type 316, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	435.78 110.39	165.58
40 05 23 23-0790 EA 8", Type 316, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	675.86 172.61	258.92
40 05 23 23-0791 EA 10", Type 316, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	876.96 215.76	323.65
40 05 23 23-0792 EA 12", Type 316, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	1,173.69 287.68	431.52
40 05 23 23-0793 EA 14", Type 316, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	1,674.74 377.58	566.37
40 05 23 23-0794 EA 16", Type 316, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	1,946.29 430.29	645.44
40 05 23 23-0795 EA 18", Type 316, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	2,408.49 539.41	809.10
40 05 23 23-0796 EA 20", Type 316, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	3,396.97 719.21	1,078.82
40 05 23 23-0797 EA 24", Type 316, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	4,936.34 1,078.81	1,618.22
40 05 23 23-0798 EA 3/4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	156.29 35.78	53.66
40 05 23 23-0799 EA 1", Type 316, Schedule 10 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	174.54 38.99	58.48
40 05 23 23-0800 EA 1-1/4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	196.84 43.22	64.82
40 05 23 23-0801 EA 1-1/2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	209.79 47.10	70.65
40 05 23 23-0802 EA 2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	209.59 52.01	78.02
40 05 23 23-0803 EA 2-1/2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	278.95 65.00	97.50
40 05 23 23-0804 EA 3", Type 316, Schedule 10 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	320.61 74.00	111.00
40 05 23 23-0805 EA 4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	359.00 86.71	130.06
40 05 23 23-0806 EA 6", Type 316, Schedule 10 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	515.87 110.39	165.58
40 05 23 23-0807 EA 8", Type 316, Schedule 10 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	849.41 172.61	258.92
40 05 23 23-0808 EA 10", Type 316, Schedule 10 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	1,175.86 215.76	323.65
40 05 23 23-0809 EA 12", Type 316, Schedule 10 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	1,483.84 287.68	431.52
40 05 23 23-0810 EA 14", Type 316, Schedule 10 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	2,262.92 377.58	566.37
40 05 23 23-0811 EA 16", Type 316, Schedule 10 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	2,657.19 430.29	645.44
40 05 23 23-0812 EA 18", Type 316, Schedule 10 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	3,291.73 539.41	809.10
40 05 23 23-0813 EA 20", Type 316, Schedule 10 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	4,809.54 719.21	1,078.82
40 05 23 23-0814 EA 24", Type 316, Schedule 10 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	6,613.88 1,078.81	1,618.22
40 05 23 23-0815 Type 316, Schedule 10 Stainless Steel Butt Weld Caps (40 05 23 23-0885)		
40 05 23 23-0816 EA 1/2", Type 316, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	75.25 18.53	27.79
40 05 23 23-0817 EA 3/4", Type 316, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	83.64 19.66	29.49
40 05 23 23-0818 EA 1", Type 316, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	91.67 21.61	32.42
40 05 23 23-0819 EA 1-1/4", Type 316, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	100.25 23.55	35.33
40 05 23 23-0820 EA 1-1/2", Type 316, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	108.18 26.01	39.01
40 05 23 23-0821 EA 2", Type 316, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	113.33 28.94	43.40
40 05 23 23-0822 EA 2-1/2", Type 316, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	141.30 37.04	55.55
40 05 23 23-0823 EA 3", Type 316, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	167.38 43.40	65.11
40 05 23 23-0824 EA 4", Type 316, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	200.48 51.95	77.92
40 05 23 23-0825 EA 6", Type 316, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	262.07 65.00	97.50

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 23 23-0826	EA	8", Type 316, Schedule 10 Stainless Steel Cap.....	441.13	161.81
		<i>For Work In Restricted Working Space, Add</i>	107.88	
40 05 23 23-0827	EA	10", Type 316, Schedule 10 Stainless Steel Cap.....	585.02	215.76
		<i>For Work In Restricted Working Space, Add</i>	143.84	
40 05 23 23-0828	EA	12", Type 316, Schedule 10 Stainless Steel Cap.....	860.66	323.64
		<i>For Work In Restricted Working Space, Add</i>	215.76	
40 05 23 23-0829	EA	14", Type 316, Schedule 10 Stainless Steel Cap.....	1,000.82	377.59
		<i>For Work In Restricted Working Space, Add</i>	251.72	
40 05 23 23-0830	EA	16", Type 316, Schedule 10 Stainless Steel Cap.....	1,151.33	430.70
		<i>For Work In Restricted Working Space, Add</i>	287.14	
40 05 23 23-0831	EA	18", Type 316, Schedule 10 Stainless Steel Cap.....	1,451.65	539.40
		<i>For Work In Restricted Working Space, Add</i>	359.60	
40 05 23 23-0832	EA	20", Type 316, Schedule 10 Stainless Steel Cap.....	2,009.94	755.17
		<i>For Work In Restricted Working Space, Add</i>	503.45	
40 05 23 23-0833	EA	24", Type 316, Schedule 10 Stainless Steel Cap.....	3,047.82	1,078.80
		<i>For Work In Restricted Working Space, Add</i>	719.21	

40 05 23 23-0834 Type 316, Schedule 40 Stainless Steel Pipe And Butt Weld Fittings (40 05 23 23-0231)**40 05 23 23-0835 Type 316, Schedule 40 Stainless Steel Pipe (40 05 23 23-0834)**

40 05 23 23-0836	LF	1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	29.30	4.87
		<i>For Work In Restricted Working Space, Add</i>	2.93	
40 05 23 23-0837	LF	3/4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	35.53	5.96
		<i>For Work In Restricted Working Space, Add</i>	3.57	
40 05 23 23-0838	LF	1" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	43.97	7.04
		<i>For Work In Restricted Working Space, Add</i>	4.19	
40 05 23 23-0839	LF	1-1/4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	54.95	8.67
		<i>For Work In Restricted Working Space, Add</i>	5.24	
40 05 23 23-0840	LF	1-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	63.60	9.75
		<i>For Work In Restricted Working Space, Add</i>	5.91	
40 05 23 23-0841	LF	2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	82.07	12.46
		<i>For Work In Restricted Working Space, Add</i>	7.32	
40 05 23 23-0842	LF	2-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	103.49	14.08
		<i>For Work In Restricted Working Space, Add</i>	8.36	
40 05 23 23-0843	LF	3" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	97.97	15.71
		<i>For Work In Restricted Working Space, Add</i>	9.42	
40 05 23 23-0844	LF	4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	171.78	18.42
		<i>For Work In Restricted Working Space, Add</i>	11.15	
40 05 23 23-0845	LF	6" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	273.70	24.37
		<i>For Work In Restricted Working Space, Add</i>	14.64	
40 05 23 23-0846	LF	8" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	477.09	42.51
		<i>For Work In Restricted Working Space, Add</i>	27.46	
40 05 23 23-0847	LF	10" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	614.76	46.99
		<i>For Work In Restricted Working Space, Add</i>	30.21	
40 05 23 23-0848	LF	12" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	775.87	52.02
		<i>For Work In Restricted Working Space, Add</i>	33.56	

40 05 23 23-0849 Type 316, Schedule 40 Stainless Steel Butt Weld 90 Degree Elbows (40 05 23 23-0834)

40 05 23 23-0850	EA	1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	131.77	55.57
		<i>For Work In Restricted Working Space, Add</i>	37.05	
40 05 23 23-0851	EA	3/4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	139.36	58.98
		<i>For Work In Restricted Working Space, Add</i>	39.32	
40 05 23 23-0852	EA	1", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	153.57	64.82
		<i>For Work In Restricted Working Space, Add</i>	43.22	
40 05 23 23-0853	EA	1-1/4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	167.28	70.65
		<i>For Work In Restricted Working Space, Add</i>	47.10	
40 05 23 23-0854	EA	1-1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	184.43	78.02
		<i>For Work In Restricted Working Space, Add</i>	52.01	
40 05 23 23-0855	EA	2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	208.23	86.80
		<i>For Work In Restricted Working Space, Add</i>	57.87	
40 05 23 23-0856	EA	2-1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	278.47	111.09
		<i>For Work In Restricted Working Space, Add</i>	74.06	
40 05 23 23-0857	EA	3", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	330.47	130.21
		<i>For Work In Restricted Working Space, Add</i>	86.81	
40 05 23 23-0858	EA	4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	421.81	155.84
		<i>For Work In Restricted Working Space, Add</i>	103.90	
40 05 23 23-0859	EA	6", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	663.37	194.68
		<i>For Work In Restricted Working Space, Add</i>	129.79	
40 05 23 23-0860	EA	8", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	1,152.98	323.65
		<i>For Work In Restricted Working Space, Add</i>	215.76	
40 05 23 23-0861	EA	10", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	1,906.36	431.52
		<i>For Work In Restricted Working Space, Add</i>	287.68	
40 05 23 23-0862	EA	12", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	2,710.27	647.29
		<i>For Work In Restricted Working Space, Add</i>	431.52	
40 05 23 23-0863	EA	14", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	3,023.85	755.17
		<i>For Work In Restricted Working Space, Add</i>	503.45	
40 05 23 23-0864	EA	16", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	3,681.98	861.41
		<i>For Work In Restricted Working Space, Add</i>	574.28	
40 05 23 23-0865	EA	18", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	4,705.60	1,078.82
		<i>For Work In Restricted Working Space, Add</i>	719.21	
40 05 23 23-0866	EA	20", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	6,343.49	1,510.33
		<i>For Work In Restricted Working Space, Add</i>	1,006.89	
40 05 23 23-0867	EA	24", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	9,214.10	2,157.62
		<i>For Work In Restricted Working Space, Add</i>	1,438.41	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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40 05 23 23-0868	Type 316, Schedule 40 Stainless Steel Butt Weld 45 Degree Elbows <small>(40 05 23 23-0834)</small>		
40 05 23 23-0869	EA 1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	134.84 37.05	55.57
40 05 23 23-0870	EA 3/4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	142.43 39.32	58.98
40 05 23 23-0871	EA 1", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	155.41 43.22	64.82
40 05 23 23-0872	EA 1-1/4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	168.17 47.10	70.65
40 05 23 23-0873	EA 1-1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	186.27 52.01	78.02
40 05 23 23-0874	EA 2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	208.23 57.87	86.80
40 05 23 23-0875	EA 2-1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	228.47 74.06	111.09
40 05 23 23-0876	EA 3", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	318.50 86.81	130.21
40 05 23 23-0877	EA 4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	399.11 103.90	155.84
40 05 23 23-0878	EA 6", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	570.09 129.79	194.68
40 05 23 23-0879	EA 8", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	988.63 215.76	323.65
40 05 23 23-0880	EA 10", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	1,527.61 287.68	431.52
40 05 23 23-0881	EA 12", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	2,203.24 431.52	647.29
40 05 23 23-0882	EA 14", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	2,499.08 503.45	755.17
40 05 23 23-0883	EA 16", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	2,821.05 574.28	861.41
40 05 23 23-0884	EA 18", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	3,633.80 719.21	1,078.82
40 05 23 23-0885	EA 20", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	4,929.67 1,006.89	1,510.33
40 05 23 23-0886	EA 24", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	7,326.00 1,438.41	2,157.62
40 05 23 23-0887	Type 316, Schedule 40 Stainless Steel Butt Weld Tees <small>(40 05 23 23-0834)</small>		
40 05 23 23-0888	EA 1/2", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	179.68 47.09	70.63
40 05 23 23-0889	EA 3/4", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	215.39 57.80	86.71
40 05 23 23-0890	EA 1", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	239.20 64.95	97.42
40 05 23 23-0891	EA 1-1/4", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	275.66 74.06	111.09
40 05 23 23-0892	EA 1-1/2", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	287.72 79.50	119.25
40 05 23 23-0893	EA 2", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	313.59 86.71	130.06
40 05 23 23-0894	EA 2-1/2", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	391.63 103.90	155.84
40 05 23 23-0895	EA 3", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	483.11 130.21	195.31
40 05 23 23-0896	EA 4", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	560.74 146.13	219.20
40 05 23 23-0897	EA 6", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	893.41 194.84	292.26
40 05 23 23-0898	EA 8", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	1,560.07 287.68	431.52
40 05 23 23-0899	EA 10", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	2,641.01 431.52	647.29
40 05 23 23-0900	EA 12", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	3,245.18 539.41	809.10
40 05 23 23-0901	EA 14", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	4,685.00 648.21	972.32
40 05 23 23-0902	EA 16", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	5,808.70 790.75	1,186.13
40 05 23 23-0903	EA 18", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	7,528.69 1,006.89	1,510.33
40 05 23 23-0904	EA 20", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	9,776.36 1,324.86	1,987.29
40 05 23 23-0905	EA 24", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	13,971.92 2,013.78	3,020.67
40 05 23 23-0906	Type 316, Schedule 40 Stainless Steel Butt Weld Reducing Tees <small>(40 05 23 23-0834)</small>		
40 05 23 23-0907	EA 3/4", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	176.55 39.34	59.01
40 05 23 23-0908	EA 1", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	206.10 48.21	72.32
40 05 23 23-0909	EA 1-1/4", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	273.84 54.17	81.25
40 05 23 23-0910	EA 1-1/2", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	262.60 61.75	92.62

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 23 23-0911	EA 2", Type 316, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	268.44 66.36	99.53
40 05 23 23-0912	EA 2-1/2", Type 316, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	375.12 72.31	108.46
40 05 23 23-0913	EA 3", Type 316, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	369.93 86.68	130.01
40 05 23 23-0914	EA 4", Type 316, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	497.03 108.33	162.50
40 05 23 23-0915	EA 6", Type 316, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	704.10 123.78	185.67
40 05 23 23-0916	EA 8", Type 316, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	1,200.46 179.80	269.70
40 05 23 23-0917	EA 10", Type 316, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	2,572.39 239.74	359.61
40 05 23 23-0918	EA 12", Type 316, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	3,379.53 359.60	539.40
40 05 23 23-0919	EA 14", Type 316, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	3,832.98 432.02	648.03
40 05 23 23-0920	EA 16", Type 316, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	4,753.46 526.98	790.48
40 05 23 23-0921	EA 18", Type 316, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	6,145.58 671.26	1,006.89
40 05 23 23-0922	EA 20", Type 316, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	8,796.50 883.24	1,324.86
40 05 23 23-0923	EA 24", Type 316, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	13,792.10 1,341.33	2,011.99

40 05 23 23-0924 Type 316, Schedule 40 Stainless Steel Butt Weld Reducers (40 05 23 23-0934)

40 05 23 23-0925	EA 3/4", Type 316, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	137.35 35.78	53.66
40 05 23 23-0926	EA 1", Type 316, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	151.12 38.99	58.48
40 05 23 23-0927	EA 1-1/4", Type 316, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	165.48 43.22	64.82
40 05 23 23-0928	EA 1-1/2", Type 316, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	176.03 47.10	70.65
40 05 23 23-0929	EA 2", Type 316, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	188.72 52.01	78.02
40 05 23 23-0930	EA 2-1/2", Type 316, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	256.24 65.00	97.50
40 05 23 23-0931	EA 3", Type 316, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	274.28 74.00	111.00
40 05 23 23-0932	EA 4", Type 316, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	316.66 86.71	130.06
40 05 23 23-0933	EA 6", Type 316, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	437.93 110.39	165.58
40 05 23 23-0934	EA 8", Type 316, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	740.07 172.61	258.92
40 05 23 23-0935	EA 10", Type 316, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	997.92 215.76	323.65
40 05 23 23-0936	EA 12", Type 316, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	1,260.50 287.68	431.52
40 05 23 23-0937	EA 14", Type 316, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	1,840.11 377.58	566.37
40 05 23 23-0938	EA 16", Type 316, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	2,122.30 430.29	645.44
40 05 23 23-0939	EA 18", Type 316, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	2,848.12 539.41	809.10
40 05 23 23-0940	EA 20", Type 316, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	3,867.23 719.21	1,078.82
40 05 23 23-0941	EA 24", Type 316, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	5,530.14 1,078.81	1,618.22
40 05 23 23-0942	EA 3/4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	172.03 35.78	53.66
40 05 23 23-0943	EA 1", Type 316, Schedule 40 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	182.73 38.99	58.48
40 05 23 23-0944	EA 1-1/4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	212.79 43.22	64.82
40 05 23 23-0945	EA 1-1/2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	219.30 47.10	70.65
40 05 23 23-0946	EA 2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	234.75 52.01	78.02
40 05 23 23-0947	EA 2-1/2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	278.95 65.00	97.50
40 05 23 23-0948	EA 3", Type 316, Schedule 40 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	362.95 74.00	111.00
40 05 23 23-0949	EA 4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	392.75 86.71	130.06
40 05 23 23-0950	EA 6", Type 316, Schedule 40 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	562.81 110.39	165.58
40 05 23 23-0951	EA 8", Type 316, Schedule 40 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	833.52 172.61	258.92
40 05 23 23-0952	EA 10", Type 316, Schedule 40 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	1,203.36 215.76	323.65
40 05 23 23-0953	EA 12", Type 316, Schedule 40 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	1,671.42 287.68	431.52
40 05 23 23-0954	EA 14", Type 316, Schedule 40 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	2,530.49 377.58	566.37

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0955 EA 16", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	2,917.07 430.29	645.44
40 05 23 23-0956 EA 18", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	3,934.58 539.41	809.10
40 05 23 23-0957 EA 20", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	5,049.29 719.21	1,078.82
40 05 23 23-0958 EA 24", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	7,569.52 1,078.81	1,618.22
40 05 23 23-0959 Type 316, Schedule 40 Stainless Steel Butt Weld Caps <small>(40 05 23 23-0834)</small>		
40 05 23 23-0960 EA 1/2", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	75.86 18.53	27.79
40 05 23 23-0961 EA 3/4", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	83.34 19.66	29.49
40 05 23 23-0962 EA 1", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	92.28 21.61	32.42
40 05 23 23-0963 EA 1-1/4", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	105.94 23.55	35.33
40 05 23 23-0964 EA 1-1/2", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	103.58 26.01	39.01
40 05 23 23-0965 EA 2", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	117.62 28.94	43.40
40 05 23 23-0966 EA 2-1/2", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	146.88 37.04	55.55
40 05 23 23-0967 EA 3", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	168.30 43.40	65.11
40 05 23 23-0968 EA 4", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	207.23 51.95	77.92
40 05 23 23-0969 EA 6", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	290.30 65.00	97.50
40 05 23 23-0970 EA 8", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	494.16 107.88	161.81
40 05 23 23-0971 EA 10", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	663.06 143.84	215.76
40 05 23 23-0972 EA 12", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	988.29 215.76	323.64
40 05 23 23-0973 EA 14", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	1,124.50 251.72	377.59
40 05 23 23-0974 EA 16", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	1,262.11 287.14	430.70
40 05 23 23-0975 EA 18", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	1,613.87 359.60	539.40
40 05 23 23-0976 EA 20", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	2,214.15 503.45	755.17
40 05 23 23-0977 EA 24", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	3,445.51 719.21	1,078.80
40 05 23 23-0978 Valves <small>(40 05 23 23-0231)</small>		
40 05 23 23-0979 Gate Valves, Class 150 <small>(40 05 23 23-0978)</small>		
40 05 23 23-0980 EA 1/2" Gate Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 200, Deduct</i> <i>For Class 300, Add</i>	521.89 20.90 -120.97 425.09	55.73
40 05 23 23-0981 EA 3/4" Gate Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 200, Deduct</i> <i>For Class 300, Add</i>	568.07 24.39 -130.21 457.57	58.06
40 05 23 23-0982 EA 1" Gate Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 200, Deduct</i> <i>For Class 300, Add</i>	701.81 32.86 -158.43 556.73	87.09
40 05 23 23-0983 EA 1-1/4" Gate Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 200, Deduct</i> <i>For Class 300, Add</i>	882.69 37.86 -202.36 711.09	101.60
40 05 23 23-0984 EA 1-1/2" Gate Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 200, Deduct</i> <i>For Class 300, Add</i>	998.45 47.96 -224.32 788.27	127.90
40 05 23 23-0985 EA 2" Gate Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 200, Deduct</i> <i>For Class 300, Add</i>	1,185.92 58.06 -265.46 932.85	154.79
40 05 23 23-0986 EA 2-1/2" Gate Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	1,691.69 63.34 1,391.74	168.38
40 05 23 23-0987 EA 3" Gate Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	1,907.04 74.12 1,560.38	197.41
40 05 23 23-0988 EA 4" Gate Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	2,538.22 124.41 1,996.10	330.94
40 05 23 23-0989 EA 6" Gate Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	4,215.58 157.32 3,469.70	418.03

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0990	EA		8" Gate Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	9,110.38 199.06 7,940.04	534.15
40 05 23 23-0991	EA		10" Gate Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	12,817.50 243.85 11,284.39	650.27
40 05 23 23-0992	EA		12" Gate Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	19,254.90 295.58 17,173.47	789.60
40 05 23 23-0993			Globe Valves, Class 150 (40 05 23 23-0978)		
40 05 23 23-0994	EA		1/2" Globe Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 200, Deduct</i> <i>For Class 300, Add</i>	708.49 20.90 -170.88 600.49	55.73
40 05 23 23-0995	EA		3/4" Globe Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 200, Deduct</i> <i>For Class 300, Add</i>	784.92 24.39 -188.22 661.41	58.06
40 05 23 23-0996	EA		1" Globe Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 200, Deduct</i> <i>For Class 300, Add</i>	979.81 32.86 -232.80 818.05	87.09
40 05 23 23-0997	EA		1-1/2" Globe Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 200, Deduct</i> <i>For Class 300, Add</i>	1,456.03 47.96 -346.72 1,218.39	127.90
40 05 23 23-0998	EA		2" Globe Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 200, Deduct</i> <i>For Class 300, Add</i>	1,776.70 58.06 -423.50 1,488.18	154.79
40 05 23 23-0999	EA		2-1/2" Globe Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	3,544.12 63.34 3,133.02	168.38
40 05 23 23-1000	EA		3" Globe Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	3,672.64 74.12 3,220.05	197.41
40 05 23 23-1001	EA		4" Globe Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	4,395.78 124.41 3,742.21	330.94
40 05 23 23-1002	EA		6" Globe Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	8,069.93 157.32 7,092.79	418.03
40 05 23 23-1003			Check Valves, Class 150 (40 05 23 23-0978)		
40 05 23 23-1004	EA		2-1/2" Check Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	1,620.64 63.34 1,324.95	168.38
40 05 23 23-1005	EA		3" Check Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	1,700.53 74.12 1,366.26	197.41
40 05 23 23-1006	EA		4" Check Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	2,676.74 124.41 2,126.31	330.94
40 05 23 23-1007	EA		6" Check Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	4,567.19 157.32 3,800.21	418.03
40 05 23 23-1008	EA		8" Check Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	7,979.04 199.06 6,876.58	534.15
40 05 23 23-1009			Stainless Steel Thread-O-Let Fittings (40 05 23 23-0231)		
40 05 23 23-1010	EA		1/2", Stainless Steel Thread-o-let Fitting <i>For Work In Restricted Working Space, Add</i>	89.74 22.48	33.71
40 05 23 23-1011	EA		3/4", Stainless Steel Thread-o-let Fitting <i>For Work In Restricted Working Space, Add</i>	118.41 29.96	44.94
40 05 23 23-1012	EA		1", Stainless Steel Thread-o-let Fitting <i>For Work In Restricted Working Space, Add</i>	145.92 37.16	55.73
40 05 23 23-1013	EA		1-1/4", Stainless Steel Thread-o-let Fitting <i>For Work In Restricted Working Space, Add</i>	209.50 52.58	78.87
40 05 23 23-1014	EA		1-1/2", Stainless Steel Thread-o-let Fitting <i>For Work In Restricted Working Space, Add</i>	231.88 59.30	88.94
40 05 23 23-1015	EA		2", Stainless Steel Thread-o-let Fitting <i>For Work In Restricted Working Space, Add</i>	290.05 75.32	112.99
40 05 23 23-1016	EA		2-1/2", Stainless Steel Thread-o-let Fitting <i>For Work In Restricted Working Space, Add</i>	517.81 116.12	174.18
40 05 23 23-1017	EA		3", Stainless Steel Thread-o-let Fitting <i>For Work In Restricted Working Space, Add</i>	693.44 148.24	222.36
40 05 23 23-1018	EA		4", Stainless Steel Thread-o-let Fitting <i>For Work In Restricted Working Space, Add</i>	914.13 185.79	278.68
40 05 23 23-1019			Stainless Steel Flanges (40 05 23 23-0231)		
40 05 23 23-1020			150#, Type 304 Stainless Steel Raised Face Threaded Flange (40 05 23 23-1019)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1021 EA 1/2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	97.16 11.24	18.73
40 05 23 23-1022 EA 3/4", 150#, Type 304 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	116.28 14.98	24.98
40 05 23 23-1023 EA 1", 150#, Type 304 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	136.24 18.58	30.97
40 05 23 23-1024 EA 1-1/4", 150#, Type 304 Stainless Steel Raised Face Threaded Flange <i>For Work In Restricted Working Space, Add</i>	181.84 26.29	43.83
40 05 23 23-1025 EA 1-1/2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange <i>For Work In Restricted Working Space, Add</i>	193.03 29.65	49.41
40 05 23 23-1026 EA 2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	248.97 37.66	62.76
40 05 23 23-1027 EA 2-1/2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange <i>For Work In Restricted Working Space, Add</i>	366.01 58.06	96.73
40 05 23 23-1028 EA 3", 150#, Type 304 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	427.51 74.12	197.41
40 05 23 23-1029 EA 4", 150#, Type 304 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	556.44 92.90	154.79
40 05 23 23-1030 300#, Type 304 Stainless Steel Raised Face Threaded Flange (40 05 23 23-1019)		
40 05 23 23-1031 EA 1/2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	131.67 11.24	18.73
40 05 23 23-1032 EA 3/4", 300#, Type 304 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	144.15 14.98	24.98
40 05 23 23-1033 EA 1", 300#, Type 304 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	156.14 18.58	30.97
40 05 23 23-1034 EA 1-1/4", 300#, Type 304 Stainless Steel Raised Face Threaded Flange <i>For Work In Restricted Working Space, Add</i>	232.30 26.29	43.83
40 05 23 23-1035 EA 1-1/2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange <i>For Work In Restricted Working Space, Add</i>	243.49 29.65	49.41
40 05 23 23-1036 EA 2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	300.70 37.66	62.76
40 05 23 23-1037 EA 2-1/2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange <i>For Work In Restricted Working Space, Add</i>	481.47 58.06	96.73
40 05 23 23-1038 EA 3", 300#, Type 304 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	545.58 74.12	197.41
40 05 23 23-1039 EA 4", 300#, Type 304 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	738.24 92.90	154.79
40 05 23 23-1040 150#, Type 304 Stainless Steel Raised Face Weld Neck Flange (40 05 23 23-1019)		
40 05 23 23-1041 EA 1/2", 150#, Type 304 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	121.45 18.53	27.78
40 05 23 23-1042 EA 3/4", 150#, Type 304 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	131.88 19.66	29.49
40 05 23 23-1043 EA 1", 150#, Type 304 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	148.97 21.61	32.42
40 05 23 23-1044 EA 1-1/4", 150#, Type 304 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	188.74 23.57	35.35
40 05 23 23-1045 EA 1-1/2", 150#, Type 304 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	196.76 25.98	38.97
40 05 23 23-1046 EA 2", 150#, Type 304 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	218.56 28.94	43.41
40 05 23 23-1047 EA 2-1/2", 150#, Type 304 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	307.84 37.01	55.51
40 05 23 23-1048 EA 3", 150#, Type 304 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	346.13 43.33	64.99
40 05 23 23-1049 EA 4", 150#, Type 304 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	454.35 51.92	77.87
40 05 23 23-1050 EA 6", 150#, Type 304 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	701.83 64.87	97.29
40 05 23 23-1051 EA 8", 150#, Type 304 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	1,182.21 107.88	161.81
40 05 23 23-1052 EA 10", 150#, Type 304 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	1,693.47 143.84	215.75
40 05 23 23-1053 EA 12", 150#, Type 304 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	2,613.81 215.76	323.64
40 05 23 23-1054 EA 14", 150#, Type 304 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	3,301.13 251.72	377.59
40 05 23 23-1055 EA 16", 150#, Type 304 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	4,169.93 287.14	430.70
40 05 23 23-1056 EA 18", 150#, Type 304 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	5,101.56 359.60	539.40
40 05 23 23-1057 EA 20", 150#, Type 304 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	6,540.55 503.45	755.17
40 05 23 23-1058 EA 24", 150#, Type 304 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	9,287.81 719.21	1,078.80
40 05 23 23-1059 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange (40 05 23 23-1019)		
40 05 23 23-1060 EA 1/2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	162.60 18.53	27.78
40 05 23 23-1061 EA 3/4" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	166.39 19.66	29.49
40 05 23 23-1062 EA 1" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	172.89 21.61	32.42

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 23 23-1063	EA	1-1/4"	300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	235.11	35.35
			<i>For Work In Restricted Working Space, Add</i>	23.57	
40 05 23 23-1064	EA	1-1/2"	300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	243.13	38.97
			<i>For Work In Restricted Working Space, Add</i>	25.98	
40 05 23 23-1065	EA	2"	300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	258.36	43.41
			<i>For Work In Restricted Working Space, Add</i>	28.94	
40 05 23 23-1066	EA	2-1/2"	300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	376.79	55.51
			<i>For Work In Restricted Working Space, Add</i>	37.01	
40 05 23 23-1067	EA	3"	300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	423.05	64.99
			<i>For Work In Restricted Working Space, Add</i>	43.33	
40 05 23 23-1068	EA	4"	300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	634.74	77.87
			<i>For Work In Restricted Working Space, Add</i>	51.92	
40 05 23 23-1069	EA	6"	300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	906.14	97.29
			<i>For Work In Restricted Working Space, Add</i>	64.87	
40 05 23 23-1070	EA	8"	300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	1,691.68	161.81
			<i>For Work In Restricted Working Space, Add</i>	107.88	
40 05 23 23-1071	EA	10"	300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	2,366.17	215.75
			<i>For Work In Restricted Working Space, Add</i>	143.84	
40 05 23 23-1072	EA	12"	300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	3,468.31	323.64
			<i>For Work In Restricted Working Space, Add</i>	215.76	
40 05 23 23-1073	EA	14"	300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	4,651.91	377.59
			<i>For Work In Restricted Working Space, Add</i>	251.72	
40 05 23 23-1074	EA	16"	300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	5,785.30	430.70
			<i>For Work In Restricted Working Space, Add</i>	287.14	
40 05 23 23-1075	EA	18"	300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	7,401.80	539.40
			<i>For Work In Restricted Working Space, Add</i>	359.60	
40 05 23 23-1076	EA	20"	300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	9,483.61	755.17
			<i>For Work In Restricted Working Space, Add</i>	503.45	
40 05 23 23-1077	EA	24"	300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	13,833.20	1,078.80
			<i>For Work In Restricted Working Space, Add</i>	719.21	

40 05 23 23-1078 150#, Type 304 Stainless Steel Raised Face Slip-On Flanges (40 05 23 23-1019)

40 05 23 23-1079	EA	1/2"	150#, Type 304 Stainless Steel Slip-On Flange	176.56	55.56
			<i>For Work In Restricted Working Space, Add</i>	37.05	
40 05 23 23-1080	EA	3/4"	150#, Type 304 Stainless Steel Slip-On Flange	185.49	58.97
			<i>For Work In Restricted Working Space, Add</i>	39.32	
40 05 23 23-1081	EA	1"	150#, Type 304 Stainless Steel Slip-On Flange	203.77	64.82
			<i>For Work In Restricted Working Space, Add</i>	43.22	
40 05 23 23-1082	EA	1-1/4"	150#, Type 304 Stainless Steel Slip-On Flange	238.09	70.71
			<i>For Work In Restricted Working Space, Add</i>	47.14	
40 05 23 23-1083	EA	1-1/2"	150#, Type 304 Stainless Steel Slip-On Flange	254.15	77.93
			<i>For Work In Restricted Working Space, Add</i>	51.96	
40 05 23 23-1084	EA	2"	150#, Type 304 Stainless Steel Slip-On Flange	297.81	86.81
			<i>For Work In Restricted Working Space, Add</i>	57.88	
40 05 23 23-1085	EA	2-1/2"	150#, Type 304 Stainless Steel Slip-On Flange	394.02	111.02
			<i>For Work In Restricted Working Space, Add</i>	74.02	
40 05 23 23-1086	EA	3"	150#, Type 304 Stainless Steel Slip-On Flange	446.80	129.98
			<i>For Work In Restricted Working Space, Add</i>	86.66	
40 05 23 23-1087	EA	4"	150#, Type 304 Stainless Steel Slip-On Flange	561.07	155.75
			<i>For Work In Restricted Working Space, Add</i>	103.83	
40 05 23 23-1088	EA	6"	150#, Type 304 Stainless Steel Slip-On Flange	760.17	194.59
			<i>For Work In Restricted Working Space, Add</i>	129.73	
40 05 23 23-1089	EA	8"	150#, Type 304 Stainless Steel Slip-On Flange	1,338.84	323.64
			<i>For Work In Restricted Working Space, Add</i>	215.76	
40 05 23 23-1090	EA	10"	150#, Type 304 Stainless Steel Raised Face Slip-On Flange	1,920.85	431.52
			<i>For Work In Restricted Working Space, Add</i>	287.68	
40 05 23 23-1091	EA	12"	150#, Type 304 Stainless Steel Raised Face Slip-On Flange	2,859.40	647.28
			<i>For Work In Restricted Working Space, Add</i>	431.52	

40 05 23 23-1092 300#, Type 304 Stainless Steel Raised Face Slip-On Flanges (40 05 23 23-1019)

40 05 23 23-1093	EA	1/2"	300#, Type 304 Stainless Steel Raised Neck Slip-On Flange	203.10	55.56
			<i>For Work In Restricted Working Space, Add</i>	37.05	
40 05 23 23-1094	EA	3/4"	300#, Type 304 Stainless Steel Raised Face Slip-On Flange	210.69	58.97
			<i>For Work In Restricted Working Space, Add</i>	39.32	
40 05 23 23-1095	EA	1"	300#, Type 304 Stainless Steel Raised Face Slip-On Flange	223.68	64.82
			<i>For Work In Restricted Working Space, Add</i>	43.22	
40 05 23 23-1096	EA	1-1/4"	300#, Type 304 Stainless Steel Raised Face Slip-On Flange	279.23	70.71
			<i>For Work In Restricted Working Space, Add</i>	47.14	
40 05 23 23-1097	EA	1-1/2"	300#, Type 304 Stainless Steel Raised Face Slip-On Flange	295.29	77.93
			<i>For Work In Restricted Working Space, Add</i>	51.96	
40 05 23 23-1098	EA	2"	300#, Type 304 Stainless Steel Raised Face Slip-On Flange	325.62	86.81
			<i>For Work In Restricted Working Space, Add</i>	57.88	
40 05 23 23-1099	EA	2-1/2"	300#, Type 304 Stainless Steel Raised Face Slip-On Flange	497.54	111.02
			<i>For Work In Restricted Working Space, Add</i>	74.02	
40 05 23 23-1100	EA	3"	300#, Type 304 Stainless Steel Raised Face Slip-On Flange	550.26	129.98
			<i>For Work In Restricted Working Space, Add</i>	86.66	
40 05 23 23-1101	EA	4"	300#, Type 304 Stainless Steel Raised Face Slip-On Flange	704.34	155.75
			<i>For Work In Restricted Working Space, Add</i>	103.83	
40 05 23 23-1102	EA	6"	300#, Type 304 Stainless Steel Raised Face Slip-On Flange	1,164.84	194.59
			<i>For Work In Restricted Working Space, Add</i>	129.73	
40 05 23 23-1103	EA	8"	300#, Type 304 Stainless Steel Raised Face Slip-On Flange	1,747.46	323.64
			<i>For Work In Restricted Working Space, Add</i>	215.76	
40 05 23 23-1104	EA	10"	300#, Type 304 Stainless Steel Raised Face Slip-On Flange	2,578.94	431.52
			<i>For Work In Restricted Working Space, Add</i>	287.68	
40 05 23 23-1105	EA	12"	300#, Type 304 Stainless Steel Raised Face Slip-On Flange	3,705.92	647.28
			<i>For Work In Restricted Working Space, Add</i>	431.52	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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40 05 23 23-1106 150#, Type 304 Stainless Steel Blind Flanges (40 05 23 23-1019)			
40 05 23 23-1107	EA 1/2", 150#, Type 304 Stainless Steel Raised Face Blind Flange..... <i>For Work In Restricted Working Space, Add</i>	81.32 7.41	11.11
40 05 23 23-1108	EA 3/4", 150#, Type 304 Stainless Steel Raised Face Blind Flange..... <i>For Work In Restricted Working Space, Add</i>	84.58 7.87	11.78
40 05 23 23-1109	EA 1", 150#, Type 304 Stainless Steel Raised Face Blind Flange..... <i>For Work In Restricted Working Space, Add</i>	91.20 8.64	12.96
40 05 23 23-1110	EA 1-1/4", 150#, Type 304 Stainless Steel Raised Face Blind Flange..... <i>For Work In Restricted Working Space, Add</i>	120.99 9.62	14.43
40 05 23 23-1111	EA 1-1/2", 150#, Type 304 Stainless Steel Raised Face Blind Flange..... <i>For Work In Restricted Working Space, Add</i>	132.25 13.00	19.50
40 05 23 23-1112	EA 2", 150#, Type 304 Stainless Steel Raised Face Blind Flange..... <i>For Work In Restricted Working Space, Add</i>	158.26 14.43	21.64
40 05 23 23-1113	EA 2-1/2", 150#, Type 304 Stainless Steel Raised Face Blind Flange..... <i>For Work In Restricted Working Space, Add</i>	218.39 18.56	27.83
40 05 23 23-1114	EA 3", 150#, Type 304 Stainless Steel Raised Face Blind Flange..... <i>For Work In Restricted Working Space, Add</i>	259.14 26.00	39.00
40 05 23 23-1115	EA 4", 150#, Type 304 Stainless Steel Raised Face Blind Flange..... <i>For Work In Restricted Working Space, Add</i>	385.91 43.32	64.98
40 05 23 23-1116	EA 6", 150#, Type 304 Stainless Steel Raised Face Blind Flange..... <i>For Work In Restricted Working Space, Add</i>	538.61 55.70	83.56
40 05 23 23-1117	EA 8", 150#, Type 304 Stainless Steel Raised Face Blind Flange..... <i>For Work In Restricted Working Space, Add</i>	869.92 67.13	100.69
40 05 23 23-1118	EA 10", 150#, Type 304 Stainless Steel Raised Face Blind Flange..... <i>For Work In Restricted Working Space, Add</i>	1,390.96 80.55	120.83
40 05 23 23-1119	EA 12", 150#, Type 304 Stainless Steel Raised Face Blind Flange..... <i>For Work In Restricted Working Space, Add</i>	1,854.78 100.69	151.03
40 05 23 23-1120	EA 14", 150#, Type 304 Stainless Steel Raised Face Blind Flange..... <i>For Work In Restricted Working Space, Add</i>	2,362.88 125.86	188.79
40 05 23 23-1121	EA 16", 150#, Type 304 Stainless Steel Raised Face Blind Flange..... <i>For Work In Restricted Working Space, Add</i>	3,093.00 143.57	215.35
40 05 23 23-1122	EA 18", 150#, Type 304 Stainless Steel Raised Face Blind Flange..... <i>For Work In Restricted Working Space, Add</i>	3,633.21 179.80	269.70
40 05 23 23-1123	EA 20", 150#, Type 304 Stainless Steel Raised Face Blind Flange..... <i>For Work In Restricted Working Space, Add</i>	4,795.69 251.72	377.59
40 05 23 23-1124	EA 24", 150#, Type 304 Stainless Steel Raised Face Blind Flange..... <i>For Work In Restricted Working Space, Add</i>	7,000.78 359.60	539.40
40 05 23 23-1125 300#, Type 304 Stainless Steel Blind Flanges (40 05 23 23-1019)			
40 05 23 23-1126	EA 1/2", 300#, Type 304 Stainless Steel Raised Face Blind Flange..... <i>For Work In Restricted Working Space, Add</i>	108.33 7.41	11.11
40 05 23 23-1127	EA 3/4", 300#, Type 304 Stainless Steel Raised Face Blind Flange..... <i>For Work In Restricted Working Space, Add</i>	109.85 7.87	11.78
40 05 23 23-1128	EA 1", 300#, Type 304 Stainless Steel Raised Face Blind Flange..... <i>For Work In Restricted Working Space, Add</i>	112.44 8.64	12.96
40 05 23 23-1129	EA 1-1/4", 300#, Type 304 Stainless Steel Raised Face Blind Flange..... <i>For Work In Restricted Working Space, Add</i>	146.19 9.62	14.43
40 05 23 23-1130	EA 1-1/2", 300#, Type 304 Stainless Steel Raised Face Blind Flange..... <i>For Work In Restricted Working Space, Add</i>	157.45 13.00	19.50
40 05 23 23-1131	EA 2", 300#, Type 304 Stainless Steel Raised Face Blind Flange..... <i>For Work In Restricted Working Space, Add</i>	171.53 14.43	21.64
40 05 23 23-1132	EA 2-1/2", 300#, Type 304 Stainless Steel Raised Face Blind Flange..... <i>For Work In Restricted Working Space, Add</i>	311.27 18.56	27.83
40 05 23 23-1133	EA 3", 300#, Type 304 Stainless Steel Raised Face Blind Flange..... <i>For Work In Restricted Working Space, Add</i>	346.05 26.00	39.00
40 05 23 23-1134	EA 4", 300#, Type 304 Stainless Steel Raised Face Blind Flange..... <i>For Work In Restricted Working Space, Add</i>	494.66 43.32	64.98
40 05 23 23-1135	EA 6", 300#, Type 304 Stainless Steel Raised Face Blind Flange..... <i>For Work In Restricted Working Space, Add</i>	987.04 55.70	83.56
40 05 23 23-1136	EA 8", 300#, Type 304 Stainless Steel Raised Face Blind Flange..... <i>For Work In Restricted Working Space, Add</i>	1,405.93 67.13	100.69
40 05 23 23-1137	EA 10", 300#, Type 304 Stainless Steel Raised Face Blind Flange..... <i>For Work In Restricted Working Space, Add</i>	2,043.69 80.55	120.83
40 05 23 23-1138	EA 12", 300#, Type 304 Stainless Steel Raised Face Blind Flange..... <i>For Work In Restricted Working Space, Add</i>	2,856.50 100.69	151.03
40 05 23 23-1139	EA 14", 300#, Type 304 Stainless Steel Raised Face Blind Flange..... <i>For Work In Restricted Working Space, Add</i>	4,033.63 125.86	188.79
40 05 23 23-1140	EA 16", 300#, Type 304 Stainless Steel Raised Face Blind Flange..... <i>For Work In Restricted Working Space, Add</i>	5,202.39 143.57	215.35
40 05 23 23-1141	EA 18", 300#, Type 304 Stainless Steel Raised Face Blind Flange..... <i>For Work In Restricted Working Space, Add</i>	6,807.80 179.80	269.70
40 05 23 23-1142	EA 20", 300#, Type 304 Stainless Steel Raised Face Blind Flange..... <i>For Work In Restricted Working Space, Add</i>	8,562.16 251.72	377.59
40 05 23 23-1143	EA 24", 300#, Type 304 Stainless Steel Raised Face Blind Flange..... <i>For Work In Restricted Working Space, Add</i>	13,195.70 359.60	539.40
40 05 23 23-1144 150#, Type 316 Stainless Steel Raised Face Threaded Flange (40 05 23 23-1019)			
40 05 23 23-1145	EA 1/2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	121.09 11.24	18.73
40 05 23 23-1146	EA 3/4", 150#, Type 316 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	146.83 14.98	24.98
40 05 23 23-1147	EA 1", 150#, Type 316 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	165.39 18.58	30.97

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 23 23-1148	EA	1-1/4", 150#, Type 316 Stainless Steel Raised Face Threaded Flange.....	225.60	43.83
		<i>For Work In Restricted Working Space, Add</i>	26.29	
40 05 23 23-1149	EA	1-1/2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange.....	236.79	49.41
		<i>For Work In Restricted Working Space, Add</i>	29.65	
40 05 23 23-1150	EA	2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange.....	296.75	62.76
		<i>For Work In Restricted Working Space, Add</i>	37.66	
40 05 23 23-1151	EA	2-1/2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange.....	435.03	96.73
		<i>For Work In Restricted Working Space, Add</i>	58.06	
40 05 23 23-1152	EA	3", 150#, Type 316 Stainless Steel Raised Face Threaded Flange.....	516.44	197.41
		<i>For Work In Restricted Working Space, Add</i>	74.12	
40 05 23 23-1153	EA	4", 150#, Type 316 Stainless Steel Raised Face Threaded Flange.....	681.15	154.79
		<i>For Work In Restricted Working Space, Add</i>	92.90	
40 05 23 23-1154		300#, Type 316 Stainless Steel Raised Face Threaded Flange (40 05 23 23-1019)		
40 05 23 23-1155	EA	1/2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange.....	166.18	18.73
		<i>For Work In Restricted Working Space, Add</i>	11.24	
40 05 23 23-1156	EA	3/4", 300#, Type 316 Stainless Steel Raised Face Threaded Flange.....	178.66	24.98
		<i>For Work In Restricted Working Space, Add</i>	14.98	
40 05 23 23-1157	EA	1", 300#, Type 316 Stainless Steel Raised Face Threaded Flange.....	190.65	30.97
		<i>For Work In Restricted Working Space, Add</i>	18.58	
40 05 23 23-1158	EA	1-1/4", 300#, Type 316 Stainless Steel Raised Face Threaded Flange.....	298.64	43.83
		<i>For Work In Restricted Working Space, Add</i>	26.29	
40 05 23 23-1159	EA	1-1/2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange.....	309.83	49.41
		<i>For Work In Restricted Working Space, Add</i>	29.65	
40 05 23 23-1160	EA	2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange.....	359.07	62.76
		<i>For Work In Restricted Working Space, Add</i>	37.66	
40 05 23 23-1161	EA	2-1/2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange.....	612.80	96.73
		<i>For Work In Restricted Working Space, Add</i>	58.06	
40 05 23 23-1162	EA	3", 300#, Type 316 Stainless Steel Raised Face Threaded Flange.....	679.60	197.41
		<i>For Work In Restricted Working Space, Add</i>	74.12	
40 05 23 23-1163	EA	4", 300#, Type 316 Stainless Steel Raised Face Threaded Flange.....	951.79	154.79
		<i>For Work In Restricted Working Space, Add</i>	92.90	
40 05 23 23-1164		150#, Type 316 Stainless Steel Raised Face Weld Neck Flange (40 05 23 23-1019)		
40 05 23 23-1165	EA	1/2", 150#, Type 316 Stainless Steel Weld Neck Flange.....	151.94	27.78
		<i>For Work In Restricted Working Space, Add</i>	18.53	
40 05 23 23-1166	EA	3/4", 150#, Type 316 Stainless Steel Weld Neck Flange.....	162.43	29.49
		<i>For Work In Restricted Working Space, Add</i>	19.66	
40 05 23 23-1167	EA	1", 150#, Type 316 Stainless Steel Weld Neck Flange.....	183.48	32.42
		<i>For Work In Restricted Working Space, Add</i>	21.61	
40 05 23 23-1168	EA	1-1/4", 150#, Type 316 Stainless Steel Weld Neck Flange.....	233.84	35.35
		<i>For Work In Restricted Working Space, Add</i>	23.57	
40 05 23 23-1169	EA	1-1/2", 150#, Type 316 Stainless Steel Weld Neck Flange.....	241.86	38.97
		<i>For Work In Restricted Working Space, Add</i>	25.98	
40 05 23 23-1170	EA	2", 150#, Type 316 Stainless Steel Weld Neck Flange.....	265.00	43.41
		<i>For Work In Restricted Working Space, Add</i>	28.94	
40 05 23 23-1171	EA	2-1/2", 150#, Type 316 Stainless Steel Weld Neck Flange.....	386.03	55.51
		<i>For Work In Restricted Working Space, Add</i>	37.01	
40 05 23 23-1172	EA	3", 150#, Type 316 Stainless Steel Weld Neck Flange.....	416.42	64.99
		<i>For Work In Restricted Working Space, Add</i>	43.33	
40 05 23 23-1173	EA	4", 150#, Type 316 Stainless Steel Weld Neck Flange.....	573.76	77.87
		<i>For Work In Restricted Working Space, Add</i>	51.92	
40 05 23 23-1174	EA	6", 150#, Type 316 Stainless Steel Weld Neck Flange.....	908.82	97.29
		<i>For Work In Restricted Working Space, Add</i>	64.87	
40 05 23 23-1175	EA	8", 150#, Type 316 Stainless Steel Weld Neck Flange.....	1,501.97	161.81
		<i>For Work In Restricted Working Space, Add</i>	107.88	
40 05 23 23-1176	EA	10", 150#, Type 316 Stainless Steel Weld Neck Flange.....	2,226.86	215.75
		<i>For Work In Restricted Working Space, Add</i>	143.84	
40 05 23 23-1177	EA	12", 150#, Type 316 Stainless Steel Weld Neck Flange.....	3,318.41	323.64
		<i>For Work In Restricted Working Space, Add</i>	215.76	
40 05 23 23-1178	EA	14", 150#, Type 316 Stainless Steel Weld Neck Flange.....	3,884.68	377.59
		<i>For Work In Restricted Working Space, Add</i>	251.72	
40 05 23 23-1179	EA	16", 150#, Type 316 Stainless Steel Weld Neck Flange.....	4,931.42	430.70
		<i>For Work In Restricted Working Space, Add</i>	287.14	
40 05 23 23-1180	EA	18", 150#, Type 316 Stainless Steel Weld Neck Flange.....	6,026.60	539.40
		<i>For Work In Restricted Working Space, Add</i>	359.60	
40 05 23 23-1181	EA	20", 150#, Type 316 Stainless Steel Weld Neck Flange.....	7,693.02	755.17
		<i>For Work In Restricted Working Space, Add</i>	503.45	
40 05 23 23-1182	EA	24", 150#, Type 316 Stainless Steel Weld Neck Flange.....	10,920.97	1,078.80
		<i>For Work In Restricted Working Space, Add</i>	719.21	
40 05 23 23-1183		300#, Type 316 Stainless Steel Raised Face Weld Neck Flange (40 05 23 23-1019)		
40 05 23 23-1184	EA	1/2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange.....	202.40	27.78
		<i>For Work In Restricted Working Space, Add</i>	18.53	
40 05 23 23-1185	EA	3/4" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange.....	206.19	29.49
		<i>For Work In Restricted Working Space, Add</i>	19.66	
40 05 23 23-1186	EA	1" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange.....	212.69	32.42
		<i>For Work In Restricted Working Space, Add</i>	21.61	
40 05 23 23-1187	EA	1-1/4" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange.....	289.59	35.35
		<i>For Work In Restricted Working Space, Add</i>	23.57	
40 05 23 23-1188	EA	1-1/2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange.....	297.61	38.97
		<i>For Work In Restricted Working Space, Add</i>	25.98	
40 05 23 23-1189	EA	2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange.....	324.70	43.41
		<i>For Work In Restricted Working Space, Add</i>	28.94	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1190 EA 2-1/2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	490.90 37.01	55.51
40 05 23 23-1191 EA 3" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	530.53 43.33	64.99
40 05 23 23-1192 EA 4" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	833.76 51.92	77.87
40 05 23 23-1193 EA 6" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	1,398.39 64.87	97.29
40 05 23 23-1194 EA 8" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	2,194.58 107.88	161.81
40 05 23 23-1195 EA 10" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	3,180.79 143.84	215.75
40 05 23 23-1196 EA 12" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	4,665.02 215.76	323.64
40 05 23 23-1197 EA 14" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	6,392.48 251.72	377.59
40 05 23 23-1198 EA 16" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	7,989.38 287.14	430.70
40 05 23 23-1199 EA 18" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	10,233.55 359.60	539.40
40 05 23 23-1200 EA 20" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	13,046.83 503.45	755.17
40 05 23 23-1201 EA 24" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	19,053.72 719.21	1,078.80
40 05 23 23-1202 150#, Type 316 Stainless Steel Raised Face Slip-On Flanges (40 05 23 23-1019)		
40 05 23 23-1203 EA 1/2", 150#, Type 316 Stainless Steel Slip-On Flange..... <i>For Work In Restricted Working Space, Add</i>	192.51 37.05	55.56
40 05 23 23-1204 EA 3/4", 150#, Type 316 Stainless Steel Slip-On Flange..... <i>For Work In Restricted Working Space, Add</i>	209.41 39.32	58.97
40 05 23 23-1205 EA 1", 150#, Type 316 Stainless Steel Slip-On Flange..... <i>For Work In Restricted Working Space, Add</i>	231.18 43.22	64.82
40 05 23 23-1206 EA 1-1/4", 150#, Type 316 Stainless Steel Slip-On Flange..... <i>For Work In Restricted Working Space, Add</i>	338.06 47.14	70.71
40 05 23 23-1207 EA 1-1/2", 150#, Type 316 Stainless Steel Slip-On Flange..... <i>For Work In Restricted Working Space, Add</i>	285.98 51.96	77.93
40 05 23 23-1208 EA 2", 150#, Type 316 Stainless Steel Slip-On Flange..... <i>For Work In Restricted Working Space, Add</i>	305.72 57.88	86.81
40 05 23 23-1209 EA 2-1/2", 150#, Type 316 Stainless Steel Slip-On Flange..... <i>For Work In Restricted Working Space, Add</i>	388.72 74.02	111.02
40 05 23 23-1210 EA 3", 150#, Type 316 Stainless Steel Slip-On Flange..... <i>For Work In Restricted Working Space, Add</i>	491.90 86.66	129.98
40 05 23 23-1211 EA 4", 150#, Type 316 Stainless Steel Slip-On Flange..... <i>For Work In Restricted Working Space, Add</i>	656.56 103.83	155.75
40 05 23 23-1212 EA 6", 150#, Type 316 Stainless Steel Slip-On Flange..... <i>For Work In Restricted Working Space, Add</i>	902.09 129.73	194.59
40 05 23 23-1213 EA 8", 150#, Type 316 Stainless Steel Slip-On Flange..... <i>For Work In Restricted Working Space, Add</i>	1,632.00 215.76	323.64
40 05 23 23-1214 EA 10" 150#, Type 316 Stainless Steel Raised Face Slip-On Flange..... <i>For Work In Restricted Working Space, Add</i>	2,321.56 287.68	431.52
40 05 23 23-1215 EA 12" 150#, Type 316 Stainless Steel Raised Face Slip-On Flange..... <i>For Work In Restricted Working Space, Add</i>	3,395.40 431.52	647.28
40 05 23 23-1216 300#, Type 316 Stainless Steel Raised Face Slip-On Flanges (40 05 23 23-1019)		
40 05 23 23-1217 EA 1/2" 300#, Type 316 Stainless Steel Raised Neck Slip-On Flange..... <i>For Work In Restricted Working Space, Add</i>	229.63 37.05	55.56
40 05 23 23-1218 EA 3/4" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange..... <i>For Work In Restricted Working Space, Add</i>	237.22 39.32	58.97
40 05 23 23-1219 EA 1" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange..... <i>For Work In Restricted Working Space, Add</i>	250.21 43.22	64.82
40 05 23 23-1220 EA 1-1/4" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange..... <i>For Work In Restricted Working Space, Add</i>	330.96 47.14	70.71
40 05 23 23-1221 EA 1-1/2" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange..... <i>For Work In Restricted Working Space, Add</i>	347.02 51.96	77.93
40 05 23 23-1222 EA 2" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange..... <i>For Work In Restricted Working Space, Add</i>	374.53 57.88	86.81
40 05 23 23-1223 EA 2-1/2" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange..... <i>For Work In Restricted Working Space, Add</i>	612.93 74.02	111.02
40 05 23 23-1224 EA 3" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange..... <i>For Work In Restricted Working Space, Add</i>	668.33 86.66	129.98
40 05 23 23-1225 EA 4" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange..... <i>For Work In Restricted Working Space, Add</i>	887.41 103.83	155.75
40 05 23 23-1226 EA 6" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange..... <i>For Work In Restricted Working Space, Add</i>	1,431.53 129.73	194.59
40 05 23 23-1227 EA 8" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange..... <i>For Work In Restricted Working Space, Add</i>	2,022.13 215.76	323.64
40 05 23 23-1228 EA 10" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange..... <i>For Work In Restricted Working Space, Add</i>	3,473.17 287.68	431.52
40 05 23 23-1229 EA 12" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange..... <i>For Work In Restricted Working Space, Add</i>	4,494.01 431.52	647.28
40 05 23 23-1230 150#, Type 316 Stainless Steel Blind Flanges (40 05 23 23-1019)		
40 05 23 23-1231 EA 1/2", 150#, Type 316 Stainless Steel Raised Face Blind Flange..... <i>For Work In Restricted Working Space, Add</i>	93.72 7.41	11.11

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 23 23-1232	EA	3/4", 150#, Type 316 Stainless Steel Raised Face Blind Flange	107.17	11.78
		<i>For Work In Restricted Working Space, Add</i>	7.87	
40 05 23 23-1233	EA	1", 150#, Type 316 Stainless Steel Raised Face Blind Flange	121.68	12.96
		<i>For Work In Restricted Working Space, Add</i>	8.64	
40 05 23 23-1234	EA	1-1/4", 150#, Type 316 Stainless Steel Raised Face Blind Flange	144.85	14.43
		<i>For Work In Restricted Working Space, Add</i>	9.62	
40 05 23 23-1235	EA	1-1/2", 150#, Type 316 Stainless Steel Raised Face Blind Flange	156.11	19.50
		<i>For Work In Restricted Working Space, Add</i>	13.00	
40 05 23 23-1236	EA	2", 150#, Type 316 Stainless Steel Raised Face Blind Flange	198.07	21.64
		<i>For Work In Restricted Working Space, Add</i>	14.43	
40 05 23 23-1237	EA	2-1/2", 150#, Type 316 Stainless Steel Raised Face Blind Flange	280.78	27.83
		<i>For Work In Restricted Working Space, Add</i>	18.56	
40 05 23 23-1238	EA	3", 150#, Type 316 Stainless Steel Raised Face Blind Flange	328.16	39.00
		<i>For Work In Restricted Working Space, Add</i>	26.00	
40 05 23 23-1239	EA	4", 150#, Type 316 Stainless Steel Raised Face Blind Flange	502.64	64.98
		<i>For Work In Restricted Working Space, Add</i>	43.32	
40 05 23 23-1240	EA	6", 150#, Type 316 Stainless Steel Raised Face Blind Flange	725.70	83.56
		<i>For Work In Restricted Working Space, Add</i>	55.70	
40 05 23 23-1241	EA	8", 150#, Type 316 Stainless Steel Raised Face Blind Flange	1,317.01	100.69
		<i>For Work In Restricted Working Space, Add</i>	67.13	
40 05 23 23-1242	EA	10", 150#, Type 316 Stainless Steel Raised Face Blind Flange	1,743.90	120.83
		<i>For Work In Restricted Working Space, Add</i>	80.55	
40 05 23 23-1243	EA	12", 150#, Type 316 Stainless Steel Raised Face Blind Flange	2,872.45	151.03
		<i>For Work In Restricted Working Space, Add</i>	100.69	
40 05 23 23-1244	EA	14", 150#, Type 316 Stainless Steel Raised Face Blind Flange	3,404.79	188.79
		<i>For Work In Restricted Working Space, Add</i>	125.86	
40 05 23 23-1245	EA	16", 150#, Type 316 Stainless Steel Raised Face Blind Flange	4,494.70	215.35
		<i>For Work In Restricted Working Space, Add</i>	143.57	
40 05 23 23-1246	EA	18", 150#, Type 316 Stainless Steel Raised Face Blind Flange	5,259.78	269.70
		<i>For Work In Restricted Working Space, Add</i>	179.80	
40 05 23 23-1247	EA	20", 150#, Type 316 Stainless Steel Raised Face Blind Flange	6,916.99	377.59
		<i>For Work In Restricted Working Space, Add</i>	251.72	
40 05 23 23-1248	EA	24", 150#, Type 316 Stainless Steel Raised Face Blind Flange	10,111.51	539.40
		<i>For Work In Restricted Working Space, Add</i>	359.60	

40 05 23 23-1249 300#, Type 316 Stainless Steel Blind Flanges (40 05 23 23-1019)

40 05 23 23-1250	EA	1/2", 300#, Type 316 Stainless Steel Raised Face Blind Flange	153.42	11.11
		<i>For Work In Restricted Working Space, Add</i>	7.41	
40 05 23 23-1251	EA	3/4", 300#, Type 316 Stainless Steel Raised Face Blind Flange	154.94	11.78
		<i>For Work In Restricted Working Space, Add</i>	7.87	
40 05 23 23-1252	EA	1", 300#, Type 316 Stainless Steel Raised Face Blind Flange	157.53	12.96
		<i>For Work In Restricted Working Space, Add</i>	8.64	
40 05 23 23-1253	EA	1-1/4", 300#, Type 316 Stainless Steel Raised Face Blind Flange	243.08	14.43
		<i>For Work In Restricted Working Space, Add</i>	9.62	
40 05 23 23-1254	EA	1-1/2", 300#, Type 316 Stainless Steel Raised Face Blind Flange	254.34	19.50
		<i>For Work In Restricted Working Space, Add</i>	13.00	
40 05 23 23-1255	EA	2", 300#, Type 316 Stainless Steel Raised Face Blind Flange	281.63	21.64
		<i>For Work In Restricted Working Space, Add</i>	14.43	
40 05 23 23-1256	EA	2-1/2", 300#, Type 316 Stainless Steel Raised Face Blind Flange	481.13	27.83
		<i>For Work In Restricted Working Space, Add</i>	18.56	
40 05 23 23-1257	EA	3", 300#, Type 316 Stainless Steel Raised Face Blind Flange	519.20	39.00
		<i>For Work In Restricted Working Space, Add</i>	26.00	
40 05 23 23-1258	EA	4", 300#, Type 316 Stainless Steel Raised Face Blind Flange	786.55	64.98
		<i>For Work In Restricted Working Space, Add</i>	43.32	
40 05 23 23-1259	EA	6", 300#, Type 316 Stainless Steel Raised Face Blind Flange	1,484.64	83.56
		<i>For Work In Restricted Working Space, Add</i>	55.70	
40 05 23 23-1260	EA	8", 300#, Type 316 Stainless Steel Raised Face Blind Flange	1,920.76	100.69
		<i>For Work In Restricted Working Space, Add</i>	67.13	
40 05 23 23-1261	EA	10", 300#, Type 316 Stainless Steel Raised Face Blind Flange	3,540.33	120.83
		<i>For Work In Restricted Working Space, Add</i>	80.55	
40 05 23 23-1262	EA	12", 300#, Type 316 Stainless Steel Raised Face Blind Flange	4,311.99	151.03
		<i>For Work In Restricted Working Space, Add</i>	100.69	
40 05 23 23-1263	EA	14", 300#, Type 316 Stainless Steel Raised Face Blind Flange	6,269.19	188.79
		<i>For Work In Restricted Working Space, Add</i>	125.86	
40 05 23 23-1264	EA	16", 300#, Type 316 Stainless Steel Raised Face Blind Flange	8,124.38	215.35
		<i>For Work In Restricted Working Space, Add</i>	143.57	
40 05 23 23-1265	EA	18", 300#, Type 316 Stainless Steel Raised Face Blind Flange	10,648.13	269.70
		<i>For Work In Restricted Working Space, Add</i>	179.80	
40 05 23 23-1266	EA	20", 300#, Type 316 Stainless Steel Raised Face Blind Flange	13,339.39	377.59
		<i>For Work In Restricted Working Space, Add</i>	251.72	
40 05 23 23-1267	EA	24", 300#, Type 316 Stainless Steel Raised Face Blind Flange	20,616.63	539.40
		<i>For Work In Restricted Working Space, Add</i>	359.60	

40 05 23 23-1268 Type 316 Seamless Annealed Tubing (40 05 23 23)

Note: For high pressure air (8000 PSIG working pressure).

40 05 23 23-1269 Type 316 Seamless Annealed Tubing (40 05 23 23-1268)

40 05 23 23-1270	LF	3/8" Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .065 Wall Thickness	24.16
40 05 23 23-1271	LF	1/2" Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .083 Wall Thickness	30.47
40 05 23 23-1272	LF	3/4" Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .120 Wall Thickness	36.92

40 05 23 23-1273 Type 316 Seamless Annealed Tubing Fittings (40 05 23 23-1268)

Note: Pressure rating 5000 PSI minimum. Includes front and back ferrules.

40 05 23 23-1274	EA	3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Connector With Front And Back Ferrules	77.09
40 05 23 23-1275	EA	3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Elbow With Front And Back Ferrules	89.67

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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40 05 23 23-1276	EA	3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Tee With Front And Back Ferrules	138.09	
40 05 23 23-1277	EA	3/8" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules	56.41	
40 05 23 23-1278	EA	3/8" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules.....	93.22	
40 05 23 23-1279	EA	1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Connector With Front And Back Ferrules	72.46	
40 05 23 23-1280	EA	1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Elbow With Front And Back Ferrules.....	86.65	
40 05 23 23-1281	EA	1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Branch Tee With Front And Back Ferrules	133.18	
40 05 23 23-1282	EA	1/2" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules	84.14	
40 05 23 23-1283	EA	1/2" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules.....	131.04	
40 05 23 23-1284	EA	3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Connector With Front And Back Ferrules	84.68	
40 05 23 23-1285	EA	3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Elbow With Front And Back Ferrules.....	108.16	
40 05 23 23-1286	EA	3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Branch Tee With Front And Back Ferrules	177.38	
40 05 23 23-1287	EA	3/4" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules.....	145.41	
40 05 23 23-1288	EA	3/4" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules.....	180.10	

40 05 23 23-1289 Valves For High Pressure Air (5,000 PSIG) (40 05 23 23-1289)

40 05 23 23-1290 Needle Valves (40 05 23 23-1289)

40 05 23 23-1291	EA	3/8" Tube Fitting Outside Diameter Stainless Steel With Needle Valve Cartridge	311.49	
40 05 23 23-1292	EA	1/2" Tube Fitting Outside Diameter Stainless Steel With Needle Valve Cartridge	490.52	

40 05 23 23-1293 Safety Valve (Code Stamped) Work Pressure, 6,000 PSIG (40 05 23 23-1289)

40 05 23 23-1294	EA	1/4" NPT Inlet, Safety Valve Spring Loaded 316 Stainless Steel Construction.....	297.74	
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40 05 23 23-1295 Other Valves Working Pressure 6,000 PSI (40 05 23 23-1289)

40 05 23 23-1296	EA	1/4" NPT Pressure Reducing Valve Spring Loaded, Stainless Steel Body, 6,000 PSIG	1,210.43	
40 05 23 23-1297	EA	1/4" NPT Pressure Gauge, Liquid Filled, 6,000 PSIG, Blow Out Back	309.39	
40 05 23 23-1298	EA	Snubber 316 Stainless Steel Body, Rated For Design Pressure With Sinterec Element.....	63.29	

40 05 41 Glass Process Pipe (40 05)

40 05 41 00-0001 Glass Pressure Pipe (40 05 41)

40 05 41 00-0002 Glass Pipe, Beaded Joints (40 05 41 00-0001)

40 05 41 00-0003	LF	1/2" Glass Pipe, Pressure.....	45.73	16.04
		<i>For Work In Restricted Working Space, Add</i>	9.62	
40 05 41 00-0004	LF	3/4" Glass Pipe, Pressure.....	54.89	19.24
		<i>For Work In Restricted Working Space, Add</i>	11.54	
40 05 41 00-0005	LF	1" Glass Pipe, Pressure.....	64.08	21.38
		<i>For Work In Restricted Working Space, Add</i>	12.83	
40 05 41 00-0006	LF	1-1/2" Glass Pipe, Pressure.....	84.45	28.86
		<i>For Work In Restricted Working Space, Add</i>	17.32	
40 05 41 00-0007	LF	2" Glass Pipe, Pressure.....	103.78	34.20
		<i>For Work In Restricted Working Space, Add</i>	20.52	
40 05 41 00-0008	LF	3" Glass Pipe, Pressure.....	129.60	39.55
		<i>For Work In Restricted Working Space, Add</i>	23.73	
40 05 41 00-0009	LF	4" Glass Pipe, Pressure.....	177.62	53.44
		<i>For Work In Restricted Working Space, Add</i>	32.07	
40 05 41 00-0010	LF	6" Glass Pipe, Pressure.....	255.15	64.13
		<i>For Work In Restricted Working Space, Add</i>	38.48	

40 05 41 00-0011 Glass 90 Degree Elbows (40 05 41 00-0001)

40 05 41 00-0012	EA	1/2" 90 Degree Elbow, Glass, Pressure.....	202.96	85.50
		<i>For Work In Restricted Working Space, Add</i>	51.31	
40 05 41 00-0013	EA	3/4" 90 Degree Elbow, Glass, Pressure.....	219.34	90.85
		<i>For Work In Restricted Working Space, Add</i>	54.51	
40 05 41 00-0014	EA	1" 90 Degree Elbow, Glass, Pressure.....	241.63	96.20
		<i>For Work In Restricted Working Space, Add</i>	57.72	
40 05 41 00-0015	EA	1-1/2" 90 Degree Elbow, Glass, Pressure	266.27	106.89
		<i>For Work In Restricted Working Space, Add</i>	64.13	
40 05 41 00-0016	EA	2" 90 Degree Elbow, Glass, Pressure.....	305.18	117.58
		<i>For Work In Restricted Working Space, Add</i>	70.55	
40 05 41 00-0017	EA	3" 90 Degree Elbow, Glass, Pressure.....	389.46	138.95
		<i>For Work In Restricted Working Space, Add</i>	83.37	
40 05 41 00-0018	EA	4" 90 Degree Elbow, Glass, Pressure.....	454.55	149.64
		<i>For Work In Restricted Working Space, Add</i>	89.77	
40 05 41 00-0019	EA	6" 90 Degree Elbow, Glass, Pressure.....	746.78	171.02
		<i>For Work In Restricted Working Space, Add</i>	102.62	

40 05 41 00-0020 Glass 45 Degree Elbows (40 05 41 00-0001)

40 05 41 00-0021	EA	1/2" 45 Degree Elbow, Glass, Pressure.....	201.68	85.50
		<i>For Work In Restricted Working Space, Add</i>	51.31	
40 05 41 00-0022	EA	3/4" 45 Degree Elbow, Glass, Pressure.....	217.84	90.85
		<i>For Work In Restricted Working Space, Add</i>	54.52	
40 05 41 00-0023	EA	1" 45 Degree Elbow, Glass, Pressure.....	239.64	96.20
		<i>For Work In Restricted Working Space, Add</i>	57.71	
40 05 41 00-0024	EA	1-1/2" 45 Degree Elbow, Glass, Pressure	264.17	106.89
		<i>For Work In Restricted Working Space, Add</i>	64.13	
40 05 41 00-0025	EA	2" 45 Degree Elbow, Glass, Pressure.....	302.33	117.58
		<i>For Work In Restricted Working Space, Add</i>	70.54	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 41 Glass Process Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 41 00-0026	EA	3" 45 Degree Elbow, Glass, Pressure	385.03	138.95
		<i>For Work In Restricted Working Space, Add</i>	83.38	
40 05 41 00-0027	EA	4" 45 Degree Elbow, Glass, Pressure	448.34	149.64
		<i>For Work In Restricted Working Space, Add</i>	89.77	
40 05 41 00-0028	EA	6" 45 Degree Elbow, Glass, Pressure	730.46	171.02
		<i>For Work In Restricted Working Space, Add</i>	102.58	

40 05 41 00-0029 Glass Tees (40 05 41 00-0001)

40 05 41 00-0030	EA	1/2" Tee, Glass, Pressure	311.25	128.27
		<i>For Work In Restricted Working Space, Add</i>	76.97	
40 05 41 00-0031	EA	3/4" Tee, Glass, Pressure	333.34	138.95
		<i>For Work In Restricted Working Space, Add</i>	83.38	
40 05 41 00-0032	EA	1" Tee, Glass, Pressure	360.48	149.64
		<i>For Work In Restricted Working Space, Add</i>	89.77	
40 05 41 00-0033	EA	1-1/2" Tee, Glass, Pressure	410.28	160.33
		<i>For Work In Restricted Working Space, Add</i>	96.18	
40 05 41 00-0034	EA	2" Tee, Glass, Pressure	457.77	176.36
		<i>For Work In Restricted Working Space, Add</i>	105.83	
40 05 41 00-0035	EA	3" Tee, Glass, Pressure	556.61	213.77
		<i>For Work In Restricted Working Space, Add</i>	128.26	
40 05 41 00-0036	EA	4" Tee, Glass, Pressure	665.31	224.36
		<i>For Work In Restricted Working Space, Add</i>	134.62	
40 05 41 00-0037	EA	6" Tee, Glass, Pressure	891.36	256.42
		<i>For Work In Restricted Working Space, Add</i>	153.87	

40 05 41 00-0038 Glass Couplings, Vitron Liner (40 05 41 00-0001)

40 05 41 00-0039	EA	1/2" Coupling, Vitron Liner, Glass	45.94	
40 05 41 00-0040	EA	3/4" Coupling, Vitron Liner, Glass	52.50	
40 05 41 00-0041	EA	1" Coupling, Vitron Liner, Glass	61.25	
40 05 41 00-0042	EA	1-1/2" Coupling, Vitron Liner, Glass	70.01	
40 05 41 00-0043	EA	2" Coupling, Vitron Liner, Glass	84.23	
40 05 41 00-0044	EA	3" Coupling, Vitron Liner, Glass	154.23	
40 05 41 00-0045	EA	4" Coupling, Vitron Liner, Glass	185.95	
40 05 41 00-0046	EA	6" Coupling, Vitron Liner, Glass	371.90	

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